ALDI Inc. - Lee's Summit, MO

Store No. 06

560 NW Chipman Rd
Lee's Summit, MO 64086

ARCHITECT'S JOB NUMBER: 1813308

ISSUE DATE: 06/25/19

ALDI - Olathe Division
10505 S. K7 Highway
Olathe, KS 66061

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	Fire Alarm System Drawings
	Security System Drawings

Reference Drawings

CLP-101	Fire Alarm Conduit Plan

NOTES

NOTE: THESE DRAWINGS ARE PART OF THE CONTRACT DOCUMENTS AS DESCRIBED IN THE PROJECT MANUAL; IN ANY AND ALL CONFLICTS BETWEEN THE DRAWINGS AND THE TECHNICAL SPECIFICATIONS, THE MOST STRINGENT REQUIREMENT WILL GOVERN AND THE G.C. SHALL COORDINATE WITH THE ALDI REPRESENTATIVE.

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Issued:		Date:
A	Client Review	02/14/18
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E		

Revisions:		Date:
1	Addendum 1	07/12/19
2		
3	Addendum 3	08/19/19
4	ADD 4	10/04/19
5		
6		
7		
8		
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Architecture

DRAWN BY: ER

REVIEWED BY: GT

HS

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

10/04/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

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ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY

Project Name & Location:

Cover Sheet

Drawing Name:

Date: 06/25/19	Project No. 1813308
Type:RHRDV7ER	
Drawn By:	G-001
Scale: As Noted	Drawing No.

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LOCATION MAP:

PROJECT LATITUDE: 38.9280
PROJECT LONGITUDE: -94.3929

NORTH

PLOTTED: 9/26/2019 12:21 PM

PROJECT INFORMATION:

THE BUILDING IS IN COMPLIANCE WITH THE:
2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL FIRE CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL PLUMBING CODE
2018 INTERNATIONAL ENERGY CONSERVATION CODE
2018 INTERNATIONAL FUEL GAS CODE
2017 NATIONAL ELECTRICAL CODE
ICC ANSI A117.1 - 2017 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

BUILDING PLANNING (CHAPTER 3,4,5,6):		
OCCUPANCY CLASSIFICATION (302.0 - 312.0)	MIXED OCCUPANCY GROUP M & S-1	
	(ALLOWABLE)	(ACTUAL)
NUMBER OF STORIES (TABLE 504.4):	2	1
BUILDING HEIGHT (TABLE 504.3):	60'-0"	30'-5"
BUILDING AREA (TABLE 506.2):	9,000	
STREET FRONTAGE INCREASE (I_{F1}) (506.3):	6750	
AUTOMATIC SPRINKLER SYSTEM INCREASE (I_{F2}) (506.3):	27,000	
MAXIMUM ALLOWABLE SQUARE FOOTAGE (A_a):	42,750	20,607

AREA MODIFICATIONS (506):
AUTOMATIC SPRINKLER SYSTEM: YES - (300% INCREASE)
STREET FRONTAGE INCREASE:
- BUILDING PERIMETER: 594'-8"
- BUILDING PERIMETER FRONTING ON A STREET OR UNOCCUPIED SPACE: 594'-8"
- INCREASE TO MAX. ALLOWABLE AREA (I_{F1}): 75.0%

AREA INCREASE CALCULATOR			
	BASE AREA	AREA INCREASE	SPRINKLER INCREASE
A_A	A_T	(A_T * I_{F1}) / 100	(A_T * I_{F2}) / 100
A_A	9,000	6,750	27,000

TYPES OF CONSTRUCTION (CHAPTER 6)
CONSTRUCTION CLASSIFICATION: VB

FIRE RESISTANT REQUIREMENTS: (TABLES 601 & 602)
STRUCTURAL FRAME: 0 HR.
BEARING WALLS
EXTERIOR: 0 HR.
INTERIOR: 0 HR.
NONBEARING WALLS AND PARTITIONS
EXTERIOR: SEE TABLE 602
INTERIOR: 0 HR.
FLOOR CONSTRUCTION: 0 HR.
ROOF CONSTRUCTION: 0 HR.

FIRE SEPARATION DISTANCE = X (feet)
LESS THAN 5': 2 HR.
MORE THAN 5', LESS THAN 10': 1 HR.
MORE THAN 10', LESS THAN 30': 0 HR.
GREATER THAN 30': 0 HR.

FIRE AND SMOKE PROTECTION FEATURES: (CHAPTER 7)
FIRE-RESISTANT RATING OF STRUCTURAL MEMBERS (704): NOT REQUIRED
EXTERIOR WALLS (705): NOT REQUIRED
FIRE WALLS (706): NOT REQUIRED
FIRE BARRIERS(707): NOT REQUIRED
FIRE PARTITIONS (708): NOT REQUIRED
SMOKE BARRIERS (709): NOT REQUIRED
SMOKE PARTITIONS (710): NOT REQUIRED
FLOOR AND ROOF ASSEMBLIES (711): NOT REQUIRED
VERTICAL OPENINGS (712): NOT REQUIRED
SHAFT ENCLOSURES (713): NOT REQUIRED
PENETRATIONS (714): NOT REQUIRED
FIRE-RESISTANT JOINT SYSTEMS (715): NOT REQUIRED
OPENING PROTECTIVES (716): NOT REQUIRED
DUCTS AND AIR TRANSFER OPENINGS (717): NOT REQUIRED
CONCEALED SPACES (718): PROVIDED
FIRE-RESISTANT REQUIREMENTS FOR PLASTER (719): NOT REQUIRED
THERMAL- AND SOUND-INSULATING MATERIALS(720): NOT REQUIRED

INTERIOR FINISHES (CHAPTER 8)

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY (TABLE 803.11)						
	SPRINKLERED			NONSPRINKLERED		
OCCUPANCY/ GROUP	INTERIOR EXIT STAIRWAYS, INTERIOR EXIT ACCESS STAIRWAYS & PASSAGEWAYS	CORRIDORS & ENCLOSURE FOR EXIT ACCESS STAIRWAYS & EXIT ACCESS RAMPS	ROOMS AND ENCLOSED SPACES	INTERIOR EXIT STAIRWAYS, INTERIOR EXIT ACCESS STAIRWAYS & PASSAGEWAYS	CORRIDORS & ENCLOSURE FOR EXIT ACCESS STAIRWAYS & EXIT ACCESS RAMPS	ROOMS AND ENCLOSED SPACES
B, E, M, R-1	B	C	C	A	B	C
S	C	C	C	B	B	C

FIRE PROTECTION SYSTEMS (CHAPTER 9)
AUTOMATIC SPRINKLER SYSTEMS (903): (REQUIRED) YES (PROVIDED) YES
STANDPIPE SYSTEM (905): (REQUIRED) NO (PROVIDED) NO
PORTABLE FIRE EXTINGUISHERS (906): (REQUIRED) YES (PROVIDED) YES
FIRE ALARM AND DETECTION SYSTEMS(907): (REQUIRED) NO (PROVIDED) YES
EMERGENCY ALARM SYSTEMS (908): (REQUIRED) NO (PROVIDED) NO
SMOKE CONTROL SYSTEMS (909): (REQUIRED) NO (PROVIDED) NO
SMOKE AND HEAT REMOVAL(910): (REQUIRED) NO (PROVIDED) NO
FIRE COMMAND CENTER (911): (REQUIRED) NO (PROVIDED) NO
FIRE DEPARTMENT CONNECTIONS (912): (REQUIRED) YES (PROVIDED) YES

MEANS OF EGRESS (CHAPTER 10)
OCCUPANT LOAD (1004):

OCCUPANCY LOADS (1004.0 TABLE 1004.1.2)			
OCCUPANCY USE	SQUARE FEET/ OCCUPANT	TOTAL OCCUPANCY SQUARE FOOTAGE	OCCUPANTS
MERCANTILE	60	12,838	214
BUSINESS	100	671	7
STORAGE / STOCK	300	4,588	16
TOTAL OCCUPANT LOAD			237

EGRESS WIDTH (1005):

USE GROUP OR SPACE DESCRIPTION	(A)	(B)		EXIT WIDTH (IN.)*			
	OCCUPANT LOAD BY USE	EGRESS WIDTH PER OCCUPANT (SECTION 1005.3)		REQUIRED WIDTH (SECTION 1005) (A X B)		ACTUAL WIDTH SHOWN ON PLANS	
		STAIR	LEVEL	STAIR	LEVEL	STAIR	LEVEL
MERCANTILE	214	0.3	0.2	64.2	42.8	SEE G-002 EGRESS PLAN FOR ACTUAL WIDTHS	
BUSINESS	7	0.3	0.2	2.1	1.4		
STORAGE	16	0.3	0.2	4.8	3.2		
TOTAL:	237	0.3	0.2	71.1	47.4		

* Where more than one exit, or access to more than one exit, is required, the means of egress shall be configured such that the loss of one exit or access to one exit shall not reduce the available capacity to less than 50 percent of the total required capacity (Section 1005.5)

NUMBER OF EXITS (1006): (REQUIRED) 3 (PROVIDED)4
COMMON PATH OF EGRESS TRAVEL (TABLE 1006.2.1): 75' MERCANTILE 100' STORAGE
ACCESSIBLE MEANS OF EGRESS (1009): (REQUIRED) YES (PROVIDED) YES
DOOR WIDTH (1010):
MINIMUM: 32"
MAXIMUM: 48"
PANIC HARDWARE (1010.1.10): (REQUIRED) NO (PROVIDED) YES
EXIT SIGNS (1013): (REQUIRED) YES (PROVIDED) YES
HANDRAILS (1014): 34" H. MIN., 38" H. MAX.
GUARDS (1015): 42" H. IF ADJACENT GRADE IS GREATER THAN 30"
MAXIMUM TRAVEL DISTANCE TO AN EXIT (TABLE 1017.2): 250'
MINIMUM CORRIDOR WIDTH (1020.2): 44" / 60" FOR H.C. TURN AROUND (AT 200' INTERVALS)
MAXIMUM DEAD END CORRIDOR DISTANCE (1020.4): 50' IF SPRINKLERED

ACCESSIBILITY (CHAPTER 11)

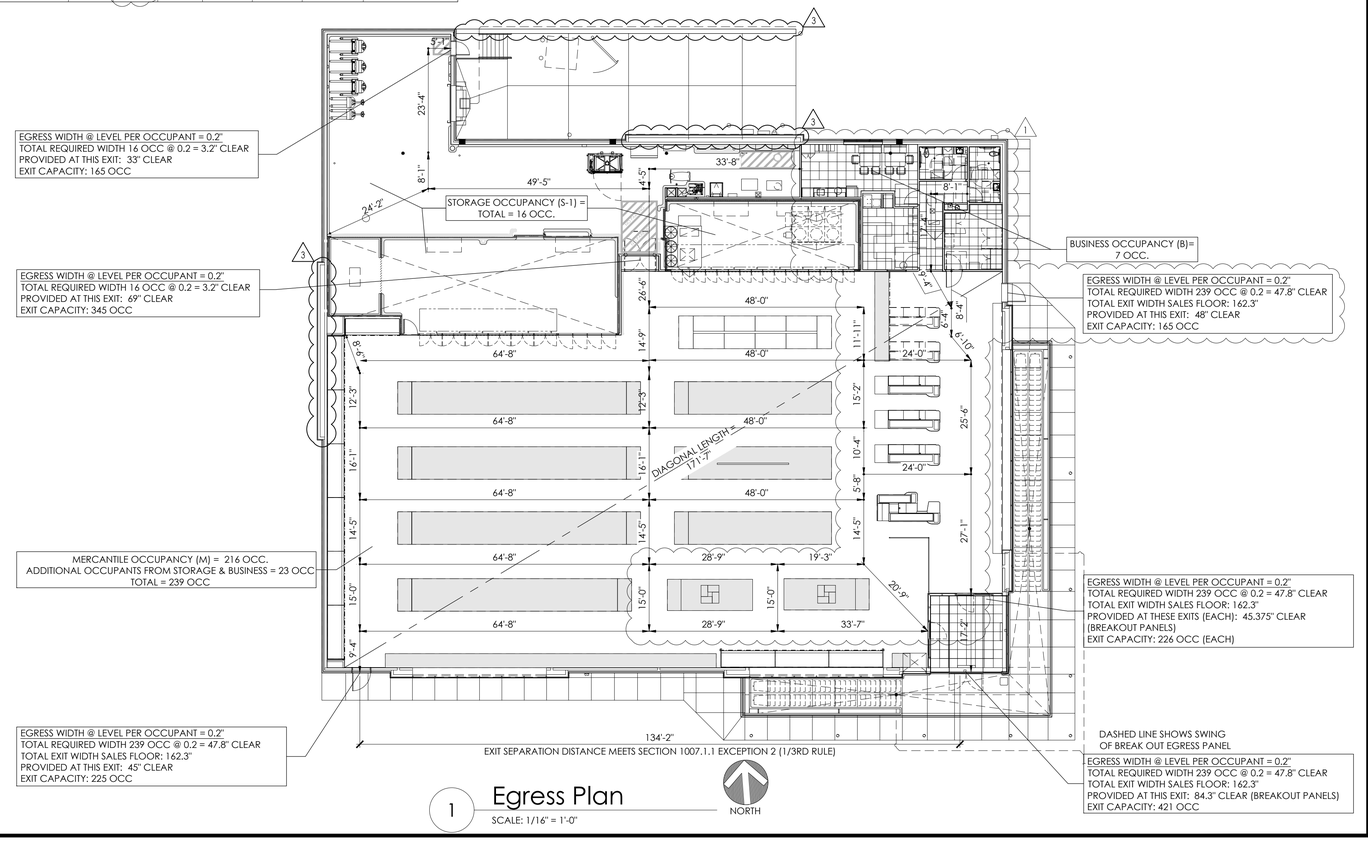
CHECK-OUT AISLES (TABLE 1109.12.2): (REQUIRED) 2 (PROVIDED) 5

PLUMBING FIXTURE REQUIREMENTS:

MINIMUM NO. OF REQUIRED PLUMBING FIXTURES (IBCPC TABLE 403.1)							
OCCUPANCY/ GROUP	WATER CLOSETS (URINALS)		LAVATORIES		BATHTUBS/ SHOWERS	DRINKING FOUNTAINS	OTHER
	MALE	FEMALE	MALE	FEMALE			
MERCANTILE (REQUIRED)	1 PER 500	1	1 PER 750		--	1 PER 1,000	1 SERVICE SINK
MERCANTILE (PROVIDED)	1+1	1+1	1	1	--	2	1 SERVICE SINK

AREA SUMMARY (FOR REFERENCE ONLY)

REAR DOCK AREA SUMMARY		
OCCUPANCY USE	ROOM NAME	SQUARE FOOTAGE
MERCANTILE (M)	SALES / VESTIBULE	12,541
	UNISEX 1	84
	UNISEX 2	76
	HALL	137
SUBTOTAL (MERCANTILE)		12,838
BUSINESS (B)	OFFICE	190
	BREAK ROOM	305
	eCOMMERCE	176
SUBTOTAL (BUSINESS)		671
STORAGE / STOCK (S-1)	BACKROOM	2,627
	COOLER	1,313
	FREEZER	648
SUBTOTAL (STORAGE / STOCK)		4,588
SUBTOTAL (OCCUPANCIES)		18,097
EXTERIOR /INTERIOR WALLS / UNOCCUPIED SPACE		1,202
BUILDING SQUARE FOOTAGE		19,299
EXTERIOR CANOPY		1,308
TOTAL SQUARE FOOTAGE (INCLUDING CANOPY)		20,607



1 Egress Plan
SCALE: 1/16" = 1'-0"

Issued:		Date:
A	Client Review	02/14/18
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Architecture

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G.T.
REVIEWED BY: GT

Seal
STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
08/19/2019
MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

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LEE'S SUMMIT
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LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Code Review
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted
Project No. 1813308
Drawing No. G-002

RESPONSIBILITY SCHEDULE

SPEC SECTION	ELEMENT	NATIONAL ACCOUNT PRICING	EXISTING	ALDI			GENERAL CONTRACTOR			LAND LORD			REMARKS
				FURNISHED	INSTALLED	COORDINATE	FURNISHED	INSTALLED	COORDINATE	FURNISHED	INSTALLED	COORDINATE	
DIVISION 01 - GENERAL REQUIREMENTS													
017700	CLOSEOUT PROCEDURES	--	--	--	--	--	X	--	--	--	--	--	GC TO COMPLETE TABLE OF CONTENTS DOCUMENT FOR CLOSEOUT BINDER
017839	PROJECT RECORD DOCUMENTS	--	--	--	--	--	X	--	--	--	--	--	GC TO COMPLY WITH REQUIREMENTS OF THIS SECTION
019100	COMMISSIONING REQUIREMENTS	X	--	X	--	--	--	--	X	--	--	--	COMMISSIONING AGENT FOR REFRIGERATION (EMERSON OR ENREPS) AND SIEMENS EMS (SIEMENS) CONTRACTED DIRECTLY BY ALDI. GC AND SUBCONTRACTORS TO BE ON SITE WHEN REQUIRED AND ASSIST WITH COMMISSIONING AND FINAL FUNCTIONAL TESTING.
DIVISION 04 - MASONRY													
042000	UNIT MASONRY												SEE A202 FOR SELECTED VENDOR(S)
	CAST STONE WALL CAP		--	--	--	--	X	X	--	--	--	--	TANNERSTONE
	CLAY BRICK	X	--	--	--	--	X	X	--	--	--	--	BELDEN BRICK COMPANY
	QUIK-BRIK	X	--	--	--	--	X	X	--	--	--	--	ECHELON MASONRY (OLDCASTLE ARCHITECTURAL)
	SPEC-BRIK	X	--	--	--	--	X	X	--	--	--	--	CONCRETE PRODUCTS GROUP
DIVISION 05 - METALS													
055000	METAL FABRICATIONS												
	ANODIZED ALUMINUM ENTRY DOOR PROTECTORS	--	--	--	--	--	X	X	--	--	--	--	TARPENING - LAFOLLETTE CO
	BLRD-1: FLEXCORE	X	--	--	--	--	X	X	--	--	--	--	MCCUE CORPORATION
	BLRD-4: STAINLESS STEEL BOLLARD COVER	X	--	--	--	--	X	X	--	--	--	--	MCCUE CORPORATION
	BR: FLOOR MOUNTED STAINLESS STEEL RAIL	X	--	--	--	--	X	X	--	--	--	--	MCCUE CORPORATION
	BR-C: FLOOR MOUNTED CORNER GUARD	X	--	--	--	--	X	X	--	--	--	--	MCCUE CORPORATION
	ROOF ACCESS LADDER	--	--	--	--	--	X	X	--	--	--	--	STEEL LADDER: SEE PROJECT MANUAL FOR REQUIREMENTS PREFABRICATED ALUMINUM LADDER (OPTIONAL): UPNOVR CAGE IS REQUIRED FOR LADDERS OVER 20' HIGH PER OSHA REQUIREMENTS
	SSBR: STAINLESS STEEL BUMPER RAIL	--	--	--	--	--	X	X	--	--	--	--	TARPENING - LAFOLLETTE CO
057000	DECORATIVE METAL												
	COLUMN COVERS	--	--	--	--	--	X	X	--	--	--	--	TARPENING - LAFOLLETTE CO
DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES													
066400	PLASTIC PANELING	--	--	--	--	--	X	X	--	--	--	--	SEE PROJECT MANUAL FOR LIST OF APPROVED MANUFACTURERS
DIVISION 07 - THERMAL AND MOISTURE PROTECTION													
072100	THERMAL INSULATION	--	--	--	--	--	X	X	--	--	--	--	FOAM-PLASTIC BOARD INSULATION: SEE PROJECT MANUAL FOR LIST OF APPROVED MANUFACTURERS GLASS-FIBER BLANKET INSULATION: SEE PROJECT MANUAL FOR LIST OF APPROVED MANUFACTURERS POLYURETHANE SPRAY FOAM INSULATION: ICYNENE INC. OR DEMILEC INC.
074213	METAL SOFFIT PANELS	--	--	--	--	--	X	X	--	--	--	--	METAL SOFFIT PANELS: PETERSEN ALUMINUM CORPORATION (PAC) OR FIRESTONE BUILDING PRODUCTS THIS ITEM MAY BE PROVIDED BY OWNER - COORDINATE ROOFING SCOPE OF WORK WITH OWNER
074243	COMPOSITE WALL PANELS	X	--	--	--	--	X	X	--	--	--	--	ALUMINUM COMPOSITE PANEL: LAMINATOR'S INC.
074646	FIBER CEMENT WALL PANELS	X	--	--	--	--	X	X	--	--	--	--	FIBER CEMENT WALL PANELS: NICHIHA USA INC. THIS ITEM MAY BE PROVIDED BY OWNER - COORDINATE ROOFING SCOPE OF WORK WITH OWNER
076201	SHEET METAL FLASHING AND TRIM												
	SCUPPER	--	--	--	--	--	X	X	--	--	--	--	THIS ITEM MAY BE PROVIDED BY OWNER - COORDINATE ROOFING SCOPE OF WORK WITH OWNER
079999	ALDI GC ROOFING INSTRUCTIONS	--	--	--	--	--	X	X	X	--	--	--	REFER TO APPENDIX 'B' FOR ROOF SCOPE OF WORK. WHEN APPLICABLE, PHOTOVOLTAIC SYSTEM WILL BE PROVIDED BY ALDI VENDOR. GC IS TO COORDINATE WITH SOLAR CONTRACTOR AND ROOFING VENDOR.
DRAWING	PIPE BOOT CURB	--	--	--	--	--	X	X	--	--	--	--	PATE COMPANY, THE OR ROOF PRODUCTS AND SYSTEMS (RPS)
DRAWING	UNIT CURB	--	--	--	--	--	X	X	--	--	--	--	PATE COMPANY, THE OR ROOF PRODUCTS AND SYSTEMS (RPS)
DIVISION 08 - OPENINGS													
083613	SECTIONAL OH DOORS						X	X					
083800	IMPACT TRAFFIC DOORS	X	--	--	--	--	X	X	--	--	--	--	CHASE DOORS (SENNECA HOLDINGS)
088000	GLAZING	--	--	--	--	--	X	X	--	--	--	--	VERIFY GLAZING TYPE WITH CLIMATE ZONE SEE PROJECT MANUAL FOR LIST OF APPROVED MANUFACTURERS
DIVISION 09 - FINISHES													
093000	TILING												
	OTHER	X	--	--	--	--	X	X	--	--	--	--	CERAMIC TILE: DALTILE / AMERICAN OLEAN
095113	ACOUSTICAL PANEL CEILINGS												
	ACOUSTICAL PANEL CEILING SYSTEM	X	--	--	--	--	X	X	--	--	--	--	ARMSTRONG WORLD INDUSTRIES, INC.
	METAL CEILING TILE SYSTEM	X	--	--	--	--	X	X	--	--	--	--	MCNICHOLS CO.
099100	PAINTING	X	--	--	--	--	X	X	--	--	--	--	PAINT: SHERWIN-WILLIAMS
DRAWING	WP-1: WOOD PANELS	X	--	--	--	--	X	X	--	--	--	--	ARCHSYSTEMS RE: INTERIOR ELEVATIONS

RESPONSIBILITY SCHEDULE

SPEC SECTION	ELEMENT	NATIONAL ACCOUNT PRICING	EXISTING	ALDI			GENERAL CONTRACTOR			LAND LORD			REMARKS
				FURNISHED	INSTALLED	COORDINATE	FURNISHED	INSTALLED	COORDINATE	FURNISHED	INSTALLED	COORDINATE	
DIVISION 10 - SPECIALTIES													
101400	SIGNAGE												
	HANDICAPPED PARKING	--	--	--	--	--	X	X	--	--	--	--	--
102600	WALL, DOOR AND EQUIPMENT PROTECTION												
	GUIDANCE RAILING	X	--	--	--	--	X	X	--	--	--	--	MCCUE CORPORATION
	EQUIPMENT GUARDRAIL	X	--	--	--	--	X	X	--	--	--	--	MCCUE CORPORATION
102800	TOILET, BATH AND LAUNDRY ACCESSORIES												
	AC-1: BABY CHANGING STATION	X	--	--	--	--	X	X	--	--	--	--	BOBRICK WASHROOM EQUIPMENT, INC.
	AC-2: PAPER TOWEL DISPENSER	--	--	--	--	--	X	X	--	--	--	--	SIMPLEHUMAN (6)
	AC-3: GRAB BAR	--	--	--	--	--	X	X	--	--	--	--	BOBRICK WASHROOM EQUIPMENT, INC. OR BRADLEY CORPORATION
	AC-4: MIRROR UNIT	--	--	--	--	--	X	X	--	--	--	--	BOBRICK WASHROOM EQUIPMENT, INC. OR BRADLEY CORPORATION
	AC-5: HAND DRYER AND WALL GUARD	X	--	--	--	--	X	X	--	--	--	--	EXCEL DRYER INC.
	AC-6: UNDERLAVATORY GUARD	--	--	--	--	--	X	X	--	--	--	--	PLUMBEREX SPECIALTY PRODUCTS, INC. OR IPS CORPORATION
102813	MISCELLANEOUS ACCESSORIES												
	ADVANTUS GRIP-A-STRIP DISPLAY RAILS	--	--	--	--	--	X	X	--	--	--	--	LOCATED IN BREAK ROOM. COORDINATE FINAL LOCATION WITH ALDI CONSTRUCTION REPRESENTATIVE
104416	FIRE EXTINGUISHERS	--	--	--	--	--	X	X	X	--	--	--	SEE PROJECT MANUAL FOR LIST OF APPROVED MANUFACTURERS MOUNT IN COMPLIANCE WITH REQUIREMENTS OF AUTHORITY HAVING JURISDICTION
DRAWING	KNOX BOX	--	--	--	--	--	X	X	X	--	--	--	MOUNT IN COMPLIANCE WITH REQUIREMENTS OF AUTHORITY HAVING JURISDICTION RE: A-201
DIVISION 11 - EQUIPMENT													
111300	LOADING DOCK EQUIPMENT												
	DOCK LEVELER AND CONTROLS	--	--	--	--	--	X	X	--	--	--	--	SEE PROJECT MANUAL FOR LIST OF APPROVED MANUFACTURERS
	DOCK SEAL	--	--	--	--	--	X	X	--	--	--	--	FAIRBORN EQUIPMENT COMPANY
	DOCK TRACK GUARD	--	--	--	--	--	X	X	--	--	--	--	POWERRAMP
DRAWING	RECALL SHELVING AND FLOOR ANGLE	X	--	X	--	--	--	X	--	--	--	--	REB STORAGE SYSTEMS INTERNATIONAL
DRAWING	TV-1	--	--	--	--	--	X	X	--	--	--	--	GC TO PROVIDE SOLID WOOD BLOCKING AND COMPATIBLE FIELD MOUNTING BRACKET RE:A-603
DIVISION 12 - FURNISHINGS													
124840	FLOOR MATS AND FRAMES	X	--	--	--	--	X	X	--	--	--	--	WALKOFF MAT: IMPACT SPECIALTIES
DRAWING	TR-1: TRASH RECEPTACLE	--	--	--	--	--	X	X	--	--	--	--	DAWN ENTERPRISES RE: A-603
DIVISION 21 - FIRE SUPPRESSION													
210500	COMMON WORK RESULTS FOR FIRE SUPPRESSION	--	--	--	--	--	X	X	--	--	--	--	A CRITERIA DRAWING IS PART OF DRAWING SET. ENGINEERED FIRE SUPPRESSION DRAWINGS TO BE PROVIDED BY GC AND SUBCONTRACTOR AND SUBMITTED TO AHJ FOR REVIEW AND APPROVAL.
DIVISION 22 - PLUMBING													
220500	COMMON WORK RESULTS FOR PLUMBING	--	--	--	--	--	X	X	--	--	--	--	--
DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING													
230500	COMMON WORK RESULTS FOR HVAC	--	--	--	--	--	X	X	--	--	--	--	--
237413	PACKAGED, OUTDOOR, CENTRAL-STATION ROOFTOP UNITS	X	--	--	--	--	X	X	--	--	--	--	RTU-2: LENNOX INDUSTRIES, INC.
238126	SPLIT-SYSTEM AIR-CONDITIONERS												
	UNIT CONDENSATE DRAIN	--	--	--	--	--	X	X	--	--	--	--	--
DIVISION 26 - ELECTRICAL													
260500	COMMON WORK RESULTS FOR ELECTRICAL	--	--	--	--	--	X	X	--	--	--	--	SEE PROJECT MANUAL FOR LIST OF APPROVED MANUFACTURERS
265100	INTERIOR LIGHTING												
	CREE LIGHTING PACKAGE	X	--	--	--	--	X	X	--	--	--	--	CREE LIGHTING
265600	EXTERIOR LIGHTING												
	CREE LIGHTING PACKAGE	X	--	--	--	--	X	X	--	--	--	--	CREE LIGHTING
DRAWING	CHIME	--	--	--	--	--	X	X	--	--	--	--	--

NOTE:
THE RESPONSIBILITY SCHEDULE IS MEANT TO PROVIDE AN OVERVIEW OF OWNER FURNISHED AND OWNER PROVIDED ITEMS. THIS IS NOT MEANT TO REPLACE THE GC OBLIGATIONS WITHIN THE DRAWINGS AND SPECIFICATIONS.

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A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
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Revisions:		Date:
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Architecture

DRAWN BY: ER

REVIEWED BY: GT

GT

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

11/26/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Responsibility Schedule - Volume 2
Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Drawn By:
Scale: As Noted

Project No.
1813308

G-003
Drawing No.

PLOTTED: 11/25/2019 11:10 AM

RESPONSIBILITY SCHEDULE

ELEMENT	NATIONAL ACCOUNT PRICING	EXISTING	ALDI			GENERAL CONTRACTOR			LAND LORD			REMARKS
			FURNISHED	INSTALLED	COORDINATE	FURNISHED	INSTALLED	COORDINATE	FURNISHED	INSTALLED	COORDINATE	
- OWNER FURNISHED AND CONTRACTOR INSTALLED												
DX B IN THE VENDOR INFORMATION FOLDER ON SHARENOLOGY												
- METALS												
SPOT MERCHANDISER BASE PROTECTION	--	--	X	--	--	--	X	--	--	--	--	METALL-AUER
- WOOD, PLASTICS, AND COMPOSITES												
INTERIOR ARCHITECTURAL WOODWORK	X	--	X	--	--	--	X	--	--	--	--	INTERIOR WOODWORK: KPI CONCEPTS INC. DIVISIONS: BATAVIA, DENTON, DWIGHT, FARIBAULT, COODYEAR, GREENWOOD, HINCKLEY, MORENO VALLEY, OAK CREEK, O'FALLON, OLATHE, VALPARAISO AND WEBBERVILLE INTERIOR WOODWORK: RIDDLEY RETAIL FIXTURES, INC. DIVISIONS: CENTER VALLEY, FREDERICK, JEFFERSON, MT. JULIET, ORLANDO, SALISBURY, SAXONBURG, SOUTH WINDSOR, SPRINGFIELD AND TULLY
- OPENINGS												
DOOR AND FRAME	X	--	X	--	--	--	X	--	--	--	--	SEE PROJECT MANUAL FOR LIST OF APPROVED MANUFACTURERS DOOR FRAME TO BE PREPARED TO RECEIVE ALARMED EXIT DEVICE EQUIPMENT BEFORE GROUTING SOLID.
DOOR HARDWARE	X	--	X	--	--	--	X	--	--	--	--	RE: A-601
- FINISHES												
TILING												
PORC-2	X	--	X	--	--	--	X	--	--	--	--	THIN-SET PORCELAIN TILE: INTERNATIONAL CERAMIC CONSTRUCTION LLC
- SPECIALTIES												
INTERIOR SIGNAGE												
BANNER STAND	X	--	X	X	--	--	--	--	--	--	--	PROCESS RETAIL GROUP
HANGING 'NO PARKING'	X	--	X	--	--	--	X	--	--	--	--	SBPI GRAPHICS OR OFF THE WALL COMPANY, LLC
HANGING PRODUCE	X	--	X	--	--	--	X	--	--	--	--	SOUTHEASTERN
PRODUCE SCREEN WALL	X	--	X	--	--	--	X	--	--	--	--	OFF THE WALL COMPANY, LLC IF SHOWN ON PLANS
VALANCE MOUNTED	X	--	X	--	--	--	X	--	--	--	--	MULTIDECK UNITS HAVE AN INTEGRAL FASCIA FOR SIGNAGE ATTACHMENT LPB VALANCE LOCATED ABOVE COOLER / FREEZER DOORS (KPI OR RIDDLEY)
VERTICAL MESSAGING TOWER	X	--	X	--	--	--	X	--	--	--	--	OFF THE WALL COMPANY, LLC
WALL MOUNTED	X	--	X	--	--	--	X	--	--	--	--	SBPI GRAPHICS OR OFF THE WALL COMPANY, LLC
WALL MOUNTED - ILLUMINATED	X	--	X	--	--	--	X	--	--	--	--	SBPI GRAPHICS OR OFF THE WALL COMPANY, LLC
WINE SLATS	X	--	X	--	--	--	X	--	--	--	--	SBPI GRAPHICS OR OFF THE WALL COMPANY, LLC
EXTERIOR SIGNAGE												
BANNERS - EXTERIOR	X	--	X	--	--	--	X	--	--	--	--	--
QUARTER CART SIGN	X	--	X	--	--	X	X	X	--	--	--	OWNER PROVIDES GRAPHIC (SBPI GRAPHICS OR OFF THE WALL COMPANY, LLC) GC PROVIDES FRAME (WHEN APPLICABLE)
MISCELLANEOUS SPECIALTIES AND EQUIPMENT												
BATTERY CHARGER	X	--	X	--	--	--	X	--	--	--	--	CROWN EQUIPMENT CORPORATION
PROJECTOR AND LENS (FOR BACKROOM FLOOR STRIPING IMAGE AT IMPACT DOORS)	X	--	X	--	--	--	X	--	--	--	--	FACILITY SOLUTIONS GROUP
SAFE	X	--	X	--	--	--	X	--	--	--	--	FIREKING SECURITY GROUP
SAFE BASE	X	--	X	--	--	--	X	--	--	--	--	FIREKING SECURITY GROUP
SMART SAFE	X	--	X	--	--	--	X	--	--	--	--	LOOMIS
SPOT MERCHANDISER	X	--	X	--	--	--	X	--	--	--	--	AHT COOLING SYSTEMS USA INC.
- EQUIPMENT												
RESIDENTIAL APPLIANCES												
DW-1: DISHWASHER	X	--	X	--	--	--	X	--	--	--	--	GE
MW-1: MICROWAVE	X	--	X	--	--	--	X	--	--	--	--	GE
R-1: REFRIGERATOR	X	--	X	--	--	--	X	--	--	--	--	GE
WALK-IN COOLERS AND FREEZERS												
RACKING	X	--	X	--	--	--	X	--	--	--	--	GAUER METAL PRODUCTS, INC.
SHOPPING CARTS	X	--	X	--	--	--	X	--	--	--	--	R.W. ROGERS COMPANY OR TECHNIBILT

RESPONSIBILITY SCHEDULE

SPEC SECTION	ELEMENT	NATIONAL ACCOUNT PRICING	EXISTING	ALDI			GENERAL CONTRACTOR			LAND LORD			REMARKS
				FURNISHED	INSTALLED	COORDINATE	FURNISHED	INSTALLED	COORDINATE	FURNISHED	INSTALLED	COORDINATE	
DIVISION 12 - FURNISHINGS													
123200	MANUFACTURED CASEWORK												MANUFACTURED CASEWORK: KPI CONCEPTS INC. DIVISIONS: BATAVIA, DENTON, DWIGHT, FARIBAULT, GOODYEAR, GREENWOOD, HINCKLEY, MORENO VALLEY, OAK CREEK, O'FALLON, OLATHE, VALPARAISO AND WEBBERVILLE MANUFACTURED CASEWORK: RIDDLEY RETAIL FIXTURES, INC. DIVISIONS: CENTER VALLEY, FREDERICK, JEFFERSON, MT. JULIET, ORLANDO, SALISBURY, SAXONBURG, SOUTH WINDSOR, SPRINGFIELD AND TULLY
	CABINETS	X	--	X	--	--	--	X	--	--	--	--	KPI OR RIDDLEY
	CHECKLANES	X	--	X	--	--	--	X	--	--	--	--	KPI OR RIDDLEY
	COAT CLOSET	X	--	X	--	--	--	X	--	--	--	--	KPI OR RIDDLEY
	FILE CABINETS	X	--	X	--	--	--	X	--	--	--	--	KPI OR RIDDLEY
	LOCKERS	X	--	X	--	--	--	X	--	--	--	--	KPI OR RIDDLEY
	MANAGER'S ORGANIZATION DESK	X	--	X	--	--	--	X	--	--	--	--	KPI OR RIDDLEY
	SACKING COUNTER AND MOUNTING BRACKET	X	--	X	--	--	--	X	--	--	--	--	KPI OR RIDDLEY
	SALES FLOOR GONDOLAS	X	--	X	--	--	--	X	--	--	--	--	KPI OR RIDDLEY
DRAWING	BREAKROOM BOOTH	X	--	X	--	--	--	X	--	--	--	--	SEATING CONCEPTS
DRAWING	BREAKROOM MIRROR	X	--	X	--	--	--	X	--	--	--	--	
DRAWING	CHECKLANE CHAIRS	X	--	X	--	--	--	X	--	--	--	--	DAUPHIN OR KDI DESIGN (VIA SEATING)
DIVISION 22 - PLUMBING													
DRAWING	BREAKROOM SINK	--	--	X	--	--	--	X	--	--	--	--	SINK FURNISHED BY OWNER WITH MILLWORK PACKAGE SINK IS PREINSTALLED UNDER COUNTER
DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING													
237414	PACKAGED, OUTDOOR, DEHUMIDIFICATION UNIT (RTU-1)												
	RTU-1	X	--	X	--	--	--	X	X	--	--	--	CONSOLIDATED ENERGY SOLUTIONS, INC.
	RTU-1 ROOF CURB	--	--	--	--	--	X	X	X	--	--	--	AES INDUSTRIES, INC.
	TEMPERATURE AND HUMIDITY SENSORS	--	--	X	--	--	--	X	X	--	--	--	
238126	SPLIT-SYSTEM AIR-CONDITIONERS												
	DUCTLESS SPLIT-FAN COIL UNIT (FCU-1)	X	--	X	--	--	--	X	X	--	--	--	LG ELECTRONICS U.S.A., INC. RE: MECH DWGS - THIS PIECE OF EQUIPMENT IS ORDERED BY GC, AND ALDI IS DIRECT BILLED FOR COST OF EQUIPMENT. INSTALLATION OF EQUIPMENT UNDER GC CONTRACT.
	HEAT PUMP (HP-1)	X	--	X	--	--	--	X	X	--	--	--	LG ELECTRONICS U.S.A. INC. RE: MECH DWGS - THIS PIECE OF EQUIPMENT IS ORDERED BY GC, AND ALDI IS DIRECT BILLED FOR COST OF EQUIPMENT. INSTALLATION OF EQUIPMENT UNDER GC CONTRACT.
DIVISION 26 - ELECTRICAL													
265100	NORDEON INTERIOR LIGHTING - TRUNK SYSTEM	X	--	X	--	--	--	X	X	--	--	--	NORDEON USA
DRAWING	POWERPOLE	X	--	X	--	--	--	X	--	--	--	--	KPI OR RIDDLEY
DRAWING	POWERWALL	X	--	X	--	--	--	X	X	--	--	--	CUSTOM DESIGN CONTROLS OR HILLPHOENIX

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A	Client Review	02/14/18
B	Permit Set	06/25/19
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Revisions:		Date:
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Architecture

DRAWN BY: ER

REVIEWED BY: GT

GT

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

11/26/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Responsibility Schedule
Appendix A
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No.
1813308

G-004
Drawing No.

RESPONSIBILITY SCHEDULE

SPEC SECTION	ELEMENT	NATIONAL ACCOUNT PRICING	EXISTING	ALDI			GENERAL CONTRACTOR			LAND LORD			REMARKS
				FURNISHED	INSTALLED	COORDINATE	FURNISHED	INSTALLED	COORDINATE	FURNISHED	INSTALLED	COORDINATE	
APPENDIX B - OWNER PROVIDED (FURNISHED AND INSTALLED) SEE APPENDIX B IN THE VENDOR INFORMATION FOLDER ON SHARENOLOGY													
DIVISION 07 - THERMAL AND MOISTURE PROTECTION													
075416	KEE ROOFING	--	--	X	X	--	--	--	X	--	--	--	FIBERTITE: KEE ROOFING
075419	PVC ROOFING	--	--	X	X	--	--	--	X	--	--	--	--
076200	SHEET METAL FLASHING AND TRIM	--	--	X	X	--	--	--	X	--	--	--	DRIP EDGE AND FASCIA CAP: SEE ROOFER'S SCOPE OF WORK
077200	ROOF ACCESSORIES												
	ROOF HATCH WALKWAY PADS	--	--	X	X	--	--	--	X	--	--	--	--
	ROOF HATCH	--	--	X	X	--	--	--	X	--	--	--	BABCOCK-DAVIS
	ROOF HATCH SAFETY RAILING SYSTEM	--	--	X	X	--	--	--	X	--	--	--	SAFEPRO SAFETY
DIVISION 08 - OPENINGS													
084229	AUTOMATIC ENTRANCES												
	AUTODOOR SYSTEM AND TRANSOM FRAMING	X	--	X	X	--	--	--	X	--	--	--	AUTOMATIC ENTRANCE DOOR SYSTEM: RECORD-USA INC. OR STANLEY ACCESS TECHNOLOGIES GC TO CONFIRM WITH OWNER THAT DOOR SUPPLIER VERIFIES R.O. SIZE BEFORE FABRICATION OF DOORS.
	GLAZING IN AUTODOOR AND TRANSOM	--	--	--	--	--	X	X	X	--	--	--	
DIVISION 09 - FINISHES													
093000	TILING												
	PORC-1	X	--	X	X	--	--	--	X	--	--	--	THICK-SET PORCELAIN TILE: INTERNATIONAL CERAMIC CONSTRUCTION LLC
DIVISION 10 - SPECIALTIES													
101400	EXTERIOR SIGNAGE												
	LOGO	X	--	X	X	--	--	--	X	--	--	--	FAIRMONT SIGN CO. OR PERSONA SIGN
	MONUMENT / PYLON	X	--	X	X	--	--	--	X	--	--	--	FAIRMONT SIGN CO. OR PERSONA SIGN
102800	TOILET, BATH AND LAUNDRY ACCESSORIES												
	TOILET PAPER DISPENSER	--	--	X	X	--	--	--	X	--	--	--	--
	SOAP DISPENSER	--	--	X	X	--	--	--	X	--	--	--	--
DIVISION 11 - EQUIPMENT													
114000	FOODSERVICE EQUIPMENT												
	COOLER/FREEZER - DOOR - CUSTOMER	X	--	X	X	--	--	--	X	--	--	--	ANTHONY DOORS
	COOLER/FREEZER - DOOR - SERVICE	X	--	X	X	--	--	--	X	--	--	--	--
	COOLER/FREEZER - EVAPORATORS	X	--	X	X	--	--	--	--	--	--	--	--
	COOLER/FREEZER - LIGHTING	X	--	--	X	--	X	--	--	--	--	--	COOLER AND FREEZER LIGHTING FURNISHED BY GC AND INSTALLED BY REFRIGERATION CONTRACTOR
	COOLER/FREEZER - OCCUPANCY SENSORS	--	--	X	X	--	--	--	--	--	--	--	--
	COOLER/FREEZER - WALK-IN BOX	X	--	X	X	--	--	--	X	--	--	--	--
	EVAC - BUFFER BOX	X	--	X	X	--	--	--	X	--	--	--	--
	EVAC - DISCONNECT SWITCH	--	--	--	--	--	X	X	--	--	--	--	--
	EVAC - PIPING, RISERS	--	--	X	X	--	--	--	X	--	--	--	EVAC PIPING IS CONCEALED IN WALL CAVITY. GC TO COORDINATE PIPING RUNS WITH REFRIGERATION CONTRACTOR PRIOR TO INSTALLING GYP BD.
	EVAC - UNIT	X	--	X	X	--	--	--	X	--	--	--	--
	FLOOR SCRUBBER	X	--	X	X	--	--	--	--	--	--	--	TENNANT
	FREEZER - HEAT TRACE TAPE	--	--	X	X	--	--	--	X	--	--	--	UNDERSLAB CONDUIT BY GC
	MULTI-DECK UNIT	X	--	X	X	--	--	--	--	--	--	--	HUSSMANN OR HILLPHOENIX
	MULTI-DECK UNIT - FILLER PANEL	--	--	X	X	--	--	--	--	--	--	--	--
	PALLET JACKS / STACKERS	X	--	X	X	--	--	--	--	--	--	--	CROWN, RAYMOND, OR GLOBAL INDUSTRIAL ETC.
	REFRIGERATION EQUIPMENT DISCONNECT	--	--	--	--	--	X	X	--	--	--	--	--
	REFRIGERATION REMOTE PANEL	--	--	X	X	--	--	--	X	--	--	--	HUSSMANN OR HILLPHOENIX
DRAWING	WASTE COMPACTOR AND DESTRUCTORS												
	BALER	X	--	X	X	--	--	--	X	--	--	--	HARMONY ENTERPRISES, INC., SUMMIT SALES GROUP, INC., OR PTR
	BALER DISCONNECT SWITCH	--	--	--	--	--	X	X	--	--	--	--	COORDINATE FINAL DISCONNECT LOCATION TO BE ON POWER SUPPLY SIDE OF BALER
DRAWING	ENERGY MANAGEMENT SYSTEM												
	HVAC	X	--	X	X	--	--	--	X	--	--	--	SIEMENS INDUSTRY, INC.
	LIGHTING	X	--	X	X	--	--	--	X	--	--	--	SIEMENS INDUSTRY, INC.
	REFRIGERATION	X	--	X	X	--	--	--	X	--	--	--	EMERSON OR MICROTHERMAL
DRAWING	TIME CLOCK	--	--	X	X	--	--	--	X	--	--	--	--
DRAWING	I.T. RACK	--	--	X	X	--	--	--	X	--	--	--	MIDDLE ATLANTIC PRODUCTS
DRAWING	SECURITY / CCTY / FIRE ALARM SYSTEMS	--	--	X	X	--	--	X	X	--	--	--	SECURITY/CCTV/FIRE ALARM SYSTEM VENDOR: PROTECTION 1 DIVISIONS: BATAVIA, DENTON, DWIGHT, FARIBAULT, GOODYEAR, HAINES CITY, MORENO VALLEY, OAK CREEK, O'FALLON, OLATHE, ROSENBERG AND ROYAL PALM BEACH SECURITY/CCTV/FIRE ALARM SYSTEM VENDOR: SECURITEC ONE, INC. DIVISIONS: CENTER VALLEY, FREDERICK, GREENWOOD, HINCKLEY, JEFFERSON, SALISBURY, SAXONBURG, SOUTH WINDSOR, SPRINGFIELD AND TULLY SECURITY/CCTV/FIRE ALARM SYSTEM VENDOR: PROTECTION 1 OR SECURITEC ONE, INC. DIVISIONS: MT. JULIET, VALPARAISO, WEBBERVILLE

NOTE:
THE RESPONSIBILITY SCHEDULE IS MEANT TO PROVIDE AN OVERVIEW OF OWNER FURNISHED AND OWNER PROVIDED ITEMS. THIS IS NOT MEANT TO REPLACE THE GC OBLIGATIONS WITHIN THE DRAWINGS AND SPECIFICATIONS.

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
E		

Revisions:		Date:
1		
2		
3		
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7		
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GT

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

06/25/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
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(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
NW WARD RD & NW DONOVAN RD
LEE'S SUMMIT, MO 64063
JACKSON COUNTY
Project Name & Location:

Responsibility Schedule
Appendix B
Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Drawn By:
Scale: As Noted

Project No.
1813308

G-005
Drawing No.

PLOTTED: 6/24/2019 3:03 PM

GENERAL STRUCTURAL NOTES:

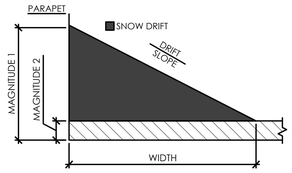
DESIGN LOADS AND CRITERIA

2018 INTERNATIONAL BUILDING CODE
MINIMUM DESIGN LOADS PER ASCE 7-16
RISK CATEGORY II (NORMAL)

LOCATION	DEAD LOAD	LIVE LOAD
FLOOR	---	200 PSF UNIFORM; 2200 LBS CONCENTRATED
ROOF	28 PSF	20 PSF (REDUCIBLE)

NOTE: ROOF DEAD LOAD INCLUDES 6 PSF ALLOWANCE FOR FUTURE SOLAR ARRAY

SNOW DESIGN
Pg = 20 PSF, Ce = 1.0, Ct = 1.0, Is = 1.00, Pf = 14 PSF, Cs = 1.0, Ps = 14 PSF, Pm = 20 PSF
DRIFT LOADS PER ASCE 7, FROST DEPTH = 3'-0"



SNOW DRIFTS			
AREA	WIDTH	MAGNITUDE 1	MAGNITUDE 2
DRIFT 1	12'-6"	66.1 PSF	14 PSF

NOTES:
1. SNOW LOADS ARE TO BE USED IN CONJUNCTION WITH DL. TL=(DL+SL), DL VALUE= 28 PSF UNO. SNOW DRIFT LOADS SHOWN ARE INDEPENDENT OF THE FLAT ROOF SNOW LOAD AND ARE NOT TO BE USE IN CONJUNCTION.
2. W IS FROM ALL BUILDING PARAPETS

WIND DESIGN
V = 115 MPH, EXPOSURE B, GCpi = 0.18
ASD NET UPLIFT ON ROOF JOISTS = 9 PSF
COMPONENT AND CLADDING (C&C) PRESSURES ARE TABULATED BELOW. ALL PRESSURES ARE PSF.
OH = OVERHANG, Aeff = MIN EFFECTIVE WIND AREA (SQ.FT.)
EDGE/CORNER WIDTH, a = 7 FT.

WALL C&C PRESSURES (LRFD/ULT LEVEL. MULTIPLY BY 0.6 FOR ASD/SERVICE LEVEL)

Aeff	4.5+	4-	5-	WIND ZONES
0 - 10	21.77	-23.59	-29.03	1 ROOF INTERIOR
50	19.53	-21.35	-24.55	2 ROOF EDGE
100	18.57	-20.38	-22.62	3 ROOF CORNER
200	17.61	-19.42	-20.69	4 WALL INTERIOR
500	16.33	-18.15	-18.15	5 WALL CORNER

ROOF C&C PRESSURES (LRFD/ULT LEVEL. MULTIPLY BY 0.6 FOR ASD/SERVICE LEVEL)

Aeff	1,2,3+	1-	2-	3-	OH 1,2-	OH 3-
0 - 10	16.00	-23.79	-39.92	-60.08	-37.90	-60.08
25	16.00	-22.99	-34.30	-46.44	-37.10	-44.03
50	16.00	-22.38	-30.05	-36.12	-36.49	-31.90
100	16.00	-21.77	-25.81	-25.81	-35.89	-19.76
500	16.00	-21.77	-25.81	-25.81	-25.81	-19.76

SEISMIC DESIGN
ANALYSIS PER THE EQUIVALENT LATERAL FORCE PROCEDURE
SITE CLASS C, Ie = 1.00, Ss = 0.099, S1 = 0.068, Sds = 0.106, Sd1 = 0.109, SEISMIC DESIGN CATEGORY B
STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
R = 3.00, Ωo = 3.00, Cd = 3.00, V = 0.035 W

1
GEOTECHNICAL
REPORT BY CFS ENGINEERS
REPORT NUMBER 19-5146 DATED JUNE 25, 2019
ALLOWABLE BEARING PRESSURE FOR FOUNDATION DESIGN = 3000 PSF

GENERAL

1. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT INDICATED.
2. UNLESS NOTED OTHERWISE, ELEVATIONS ARE REFERENCED FROM +0'-0" DATUM AT THE FINISHED FLOOR ELEVATION PER CIVIL DRAWINGS. SEE CIVIL FOR MORE INFORMATION.
3. SECTIONS AND DETAILS ON DRAWINGS ARE TYPICAL FOR ALL SIMILAR CONDITIONS.
4. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, SHOP DRAWINGS AND SPECIFICATIONS.
5. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS BEFORE STARTING WORK.
6. VERIFY ALL MECHANICAL EQUIPMENT WEIGHTS, LOCATIONS AND ASSOCIATED OPENINGS WITH MECHANICAL CONTRACTOR. NOTIFY ENGINEER IF ACTUAL WEIGHT EXCEEDS THE DESIGN WEIGHT SHOWN ON THE DRAWINGS.
7. DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED WORK.
8. GENERAL CONTRACTOR SHALL REVIEW ALL SHOP DRAWINGS PRIOR TO SUBMITTAL.
9. FABRICATOR SHALL HIGHLIGHT PROPOSED CHANGES ON THE SHOP DRAWINGS WHICH DO NOT COMPLY WITH THE DESIGN DRAWINGS.
10. A RECORD SET OF SHOP DRAWINGS SHALL BE KEPT IN THE FIELD BY THE GENERAL CONTRACTOR.
11. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY BRACING, SHORING, GUYING, ETC REQUIRED TO MAINTAIN STABILITY OF THE STRUCTURE. THESE PROVISIONS SHALL REMAIN IN PLACE UNTIL SUFFICIENT PERMANENT MEMBERS ARE CONSTRUCTED TO INSURE THE SAFETY OF THE STRUCTURE.

FOUNDATIONS AND SOILS

1. SITE WORK SHALL BE PERFORMED UNDER THE DIRECTION OF A QUALIFIED GEOTECHNICAL ENGINEER OR SOILS TECHNICIAN.
2. PREPARATION OF THE SITE, INCLUDING INITIAL UNDERCUTTING, PROOF ROLLING, FILL AND BACKFILL MATERIAL AND PLACEMENT, SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. COMPACTION OF STRUCTURAL FILL MATERIALS SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT, BUT NOT LESS THAN 95 PERCENT MODIFIED PROCTOR METHOD.
3. FOUNDATIONS SHALL BE LOCATED AT ELEVATIONS SHOWN ON PLANS AND DETAILS. FOUNDATIONS AND SLABS-ON-GRADE SHALL BEAR ON SUB-BASE MATERIAL APPROVED BY THE GEOTECHNICAL CONSULTANT.
4. FOOTINGS, OR PORTIONS THEREOF, MAY BE EARTH FORMED BY NEAT EXCAVATIONS IF SOIL CONDITIONS ALLOW.
5. FOOTINGS SHALL BE CENTERED UNDER COLUMNS UNLESS NOTED OTHERWISE.
6. FOOTINGS ARE DESIGNED FOR THE ALLOWABLE SOIL BEARING PRESSURE SPECIFIED IN THE DESIGN LOADS AND CRITERIA SECTION OF THESE NOTES. IF ACTUAL CONDITIONS DO NOT MEET OR EXCEED THIS VALUE, REMEDIATE THE SOIL TO THE APPROVAL OF THE GEOTECHNICAL ENGINEER OR CONTACT THE ENGINEER FOR A REANALYSIS/REDESIGN OF THE FOOTINGS.
7. PROXIMITY OF UTILITY TRENCHES TO THE BUILDING FOUNDATION SYSTEM SHALL BE AS APPROVED BY THE ARCHITECT AND/OR SOILS ENGINEER TO INSURE THE INTEGRITY OF THE BEARING SOILS. THE RESULTING TOTAL LOAD SOIL PRESSURES FOR IN-SITU SOILS MAY NOT EXCEED THE ALLOWABLE BEARING PRESSURE. (SEE DESIGN LOADS AND CRITERIA, GEOTECHNICAL SECTION OF THESE NOTES.)

CONCRETE

1. CONCRETE SHALL CONFORM TO THE FOLLOWING: WHERE MIN f'c IS THE MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS, AND MAX W/C IS THE MAXIMUM WATER-CEMENTITIOUS MATERIALS RATIO.

CONCRETE LOCATION/USE	MIN f'c	MAX W/C	AIR CONTENT
FOOTINGS	3000 PSI	0.55	-
FOUNDATION WALLS & PIERS	4000 PSI	0.50	6% ± 1.5%
INTERIOR SLABS-ON-GRADE	3000 PSI	0.50	3% OR LESS AT TROWELED FINISH
EXTERIOR CONCRETE	4000 PSI	0.45	6% ± 1.5%

2. MAXIMUM SLUMP SHALL BE 5" EXCEPT WHERE PLASTICIZING ADMIXTURE IS USED PER MFR'S RECOMMENDATIONS.
3. SEE SPECIFICATION FOR ADDITIONAL CONCRETE REQUIREMENTS.
4. CONCRETE CONSTRUCTION SHALL CONFORM TO THE CURRENT "ACI MANUAL OF CONCRETE PLACEMENT".
5. PORTLAND CEMENT SHALL CONFORM TO ASTM C150, TYPE I OR II.
6. AGGREGATE FOR NORMAL WEIGHT CONCRETE SHALL MEET ASTM C33.
7. REINFORCEMENT SHALL BE DEFORMED BARS THAT MEET ASTM A615, GRADE 60.
8. WELDED WIRE FABRIC (WWF) SHALL MEET ASTM A185 AND BE PROVIDED IN FLAT SHEETS ONLY.
9. CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE.

LOCATION	REINFORCEMENT SIZE	MIN COVER
CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	ALL	3"
EXPOSED TO EARTH OR WEATHER	#6 THROUGH #18	2"
EXPOSED TO EARTH OR WEATHER	#5 AND SMALLER	1 1/2"

10. REINFORCEMENT SHALL BE DETAILED, FABRICATED AND PLACED PER CRSI AND ACI STANDARDS, INCLUDING CONCRETE COVER AND BAR SUPPORTS. (DESIRED METHOD OF SUPPORTING TOP BARS IN THICK MATS SHALL BE VERIFIED WITH ENGINEER.) PROVIDE CORNER BARS AT ALL FOOTINGS AND WALL INTERSECTIONS TO MATCH HORIZONTAL REINFORCEMENT IN SIZE AND SPACING. AT INTERSECTIONS OF CONTINUOUS SPREAD FOOTINGS, EXTEND ALL BARS TO FAR SIDE OF INTERSECTING FOOTING. LAP BARS AT ALL SPLICES, INCLUDING CORNER BARS AND DOWELS, IN ACCORDANCE WITH SPLICE SCHEDULE OR IN LIEU THEREOF 40 BAR DIAMETERS. LAP WWF 6" OR ONE FULL MESH, WHICHEVER IS GREATER.
11. PROVIDE 2-#5, 4'-0" LONGER THAN OPENING DIMENSION ON ALL SIDES OF OPENING IN SLAB.
12. ALUMINUM SHALL NOT BE EMBEDDED IN ANY CONCRETE.
13. HOLES OR OPENINGS THROUGH FOUNDATION WALLS AND/OR FOOTINGS ARE NOT PERMITTED WITHOUT ENGINEER'S APPROVAL.
14. PROVIDE CLASS B TENSION LAP SPLICE BETWEEN VERTICAL WALL REINFORCEMENT AND FOOTING DOWELS. DOWELS SHALL MATCH SIZE AND SPACING OF WALL REINFORCEMENT.
15. WALL AND FOOTING REINFORCEMENT SHALL RUN CONTINUOUS THROUGH PIERS AND COLUMN FOOTINGS.

MASONRY

1. HOLLOW CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90, NORMALWEIGHT, TYPE N-1 WITH A MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI ON THE NET AREA (f'm = 1500 PSI).
2. MORTAR FOR USE IN MASONRY SHALL MEET ASTM C270, TYPE S.
3. GROUT FOR USE IN MASONRY SHALL MEET ASTM C476, MIN 2000 PSI AND NOT LESS THAN A 6-1/2 SACK MIX.
4. REINFORCING BARS SHALL MEET ASTM A615, GRADE 60.
5. PROVIDE AT LEAST 2 VERTICAL BARS AT EACH END, CORNERS, AND INTERSECTIONS OF ALL WALLS. SEE WALL SECTIONS FOR TYPICAL VERTICAL REINFORCEMENT.
6. CMU SHALL BE LAID IN RUNNING BOND PATTERN.
7. VERTICAL AND HORIZONTAL REINFORCEMENT SHALL BE CONTINUOUS AND LAPPED PER TMS 402.
8. PROVIDE STANDARD GAGE TRUSS TYPE OR LADDER-TYPE HORIZONTAL JOINT REINFORCEMENT AT 16" OC MAX.
9. HOLD VERTICAL BARS STRAIGHT, TRUE, AND ACCURATE IN ALL WALLS AS DETAILED. INSTALL REBAR POSITIONERS @ 4'-0" OC MAX AND ENSURE REBAR IS HELD IN PROPER LOCATION WITHIN THE CELL.
9. REINFORCEMENT, REBAR POSITIONERS, AND TIES SHALL BE PLACED PRIOR TO GROUTING.
10. REINFORCED MASONRY COLUMN AND WALL SECTIONS REQUIRE DOWELS FROM FOOTING, SAME SIZE AND QUANTITY AS VERTICAL REINFORCEMENT IN COLUMN OR WALL UNLESS NOTED OTHERWISE.
11. SOLID GROUT WALL CELLS BELOW GRADE. FILL JOINTS BETWEEN WYTHES BELOW GRADE.
12. GROUT ALL REINFORCED CELLS. PROVIDE A MINIMUM OF 1/2" GROUT BETWEEN REINFORCEMENT AND MASONRY UNITS.
13. GROUT PLACEMENT SHALL CONFORM TO TMS 602; HOWEVER, THE MAXIMUM GROUT POUR HEIGHT SHALL NOT EXCEED 8 FEET AND THE MAXIMUM HEIGHT WHICH GROUT IS PLACED IN ONE CONTINUOUS OPERATION (GROUT LIFT) SHALL NOT EXCEED 4 FEET. THERE SHALL BE A MINIMUM OF 1 HOUR SETTING TIME BETWEEN EACH GROUT LIFT.
14. PLACE INTERMEDIATE LIFTS TO 1" BELOW THE BED JOINT.
15. CLEANOUTS SHALL BE CONSTRUCTED ADJACENT TO EACH VERTICAL BAR IN THE BOTTOM COURSE OF MASONRY FOR EACH GROUT POUR HEIGHT THAT EXCEEDS 5 FEET. CONSTRUCT CLEANOUTS WITH AN OPENING OF SUFFICIENT SIZE TO PERMIT REMOVAL OF DEBRIS, BUT NOT LESS THAN 3" DIMENSION. AFTER CLEANING, CLOSE CLEANOUTS WITH CLOSURES BRACED TO RESIST GROUT PRESSURE. CLEANOUTS SHALL BE LOCATED ON WALL FACE NOT EXPOSED TO VIEW.

POST-INSTALLED ANCHORS AND DOWELS

1. POST-INSTALLED ANCHORS AND DOWELS SHALL BE ADHERED USING HILTI HIT-HY 200 WHEN IN CONCRETE AND HILTI HIT-HY 270 OR SIMPSON SET WHEN IN MASONRY, UNLESS NOTED OTHERWISE ON PLANS. INSTALL PER ADHESIVE MFR RECOMMENDATIONS

STEEL

1. STRUCTURAL STEEL SHALL MEET THE LATEST AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
2. W SHAPES SHALL MEET ASTM A992, Fy = 50 KSI.
3. L, C, MC, M, AND S SHAPES, PLATES AND BARS SHALL MEET ASTM A36, Fy = 36 KSI.
4. HSS SHAPES SHALL MEET ASTM A500, GRADE B, Fy = 46 KSI RECT, Fy = 42 KSI ROUND; OR ASTM A1085, Fy = 50 KSI.
5. PIPES SHALL MEET ASTM A53, GRADE B, Fy = 35 KSI.
6. HP SHAPES SHALL MEET ASTM A572 GRADE 50, Fy = 50 KSI
7. ANCHOR RODS SHALL MEET ASTM F1554, GRADE 36.
8. BOLTS SHALL MEET ASTM A325 HIGH STRENGTH, WITH ASTM F436 WASHERS AND ASTM A563 NUTS AS REQUIRED, OR ASTM F1852 FOR TWIST-OFF-TYPE TENSION-CONTROLLED BOLTS. BOLTS FOR WOOD CONNECTIONS SHALL MEET ASTM A307 GRADE A. THREADED ROD SHALL MEET ASTM A36.
9. STEEL HEADED STUD ANCHORS SHALL MEET ASTM A108.
10. WELDING SHALL CONFORM TO THE STANDARDS SET FORTH IN AWS PUBLICATION "WELDING IN BUILDING CONSTRUCTION".
11. FABRICATOR IS RESPONSIBLE FOR THE DESIGN AND DETAILING OF CONNECTIONS IN ACCORDANCE WITH THE AISC STEEL CONSTRUCTION MANUAL USING SIMPLE SHEAR CONNECTIONS EXCEPT WHERE SPECIFICALLY NOTED. BOLTED CONNECTIONS SHALL HAVE 2 OR MORE BOLTS AND THE DISTANCE FROM SUPPORTING MEMBER TO CENTERLINE OF BOLTS SHALL NOT EXCEED 3 INCHES. ACTUAL DEPTH OF CONNECTION SHALL BE AT LEAST HALF OF THE BEAM DEPTH. MINIMUM CHANNEL AND WIDE FLANGE ASD CONNECTION STRENGTHS SHALL BE PER THE FOLLOWING TABLE, UNO. USE THE NEXT LARGER DEPTH FOR DEPTHS NOT LISTED.

NOM DEPTH	STRENGTH	NOM DEPTH	STRENGTH	NOM DEPTH	STRENGTH	NOM DEPTH	STRENGTH
10"	16 KIPS	16"	42 KIPS	21"	63 KIPS	27"	84 KIPS
14"	25 KIPS	18"	53 KIPS	24"	74 KIPS	30"	95 KIPS

12. FIELD AND SHOP WELDED CONNECTIONS TO USE 1/4" FILLET WELDS MINIMUM UNO.
13. FIELD WELDS TO BE WITH E70XX ELECTRODES.
14. ERECTION DRAWINGS SHALL SHOW ALL FIELD WELDS REQUIRED.
15. BEAMS FRAME FLUSH AT TOP UNLESS NOTED (+/-).
16. STEEL FRAMES ARE NOT "SELF-SUPPORTING." ADEQUATE TEMPORARY SUPPORT SHALL BE PROVIDED BY THE CONTRACTOR UNTIL ALL STRUCTURAL ELEMENTS ARE PERMANENTLY INSTALLED.

JOISTS

1. FABRICATE AND ERECT STEEL JOISTS & JOIST GIRDERS, AND PROVIDE BRIDGING PER SJI RECOMMENDATIONS.
2. JOISTS AT OR NEAREST TO CENTERLINES OF COLUMNS SHALL HAVE BOLTED CONNECTIONS FOR ERECTION.
3. SUSPENSION OF ANY MISCELLANEOUS ITEMS FROM JOISTS SHALL BE ONLY AT PANEL POINTS.
4. JOISTS SHALL BE CAMBERED IN ACCORDANCE WITH SJI CRITERIA.
5. JOISTS SHALL BE DESIGNED FOR THE NET UPLIFT LOAD NOTED IN THE DESIGN LOADS AND CRITERIA-WIND DESIGN SECTION OF THESE NOTES.

STEEL ROOF DECK

1. SEE ROOF FRAMING PLAN FOR DECK PROFILE AND GAGE REQUIREMENTS. ERECT PER MANUFACTURER'S SPECIFICATIONS.
2. STEEL DECK SHALL BE ATTACHED TO ALL MEMBERS ON WHICH IT BEARS PER "TYPICAL ROOF DECK FASTENING SYSTEM" DETAIL.
3. ROOF OPENINGS SHALL BE FRAMED WITH L3X3X5/16 ON ALL FOUR SIDES TO SUPPORT OPENINGS GREATER THAN 10" SQUARE.

COLD-FORMED METAL FRAMING

1. STUDS AND COMPONENTS SHALL COMPLY WITH THE AISI "SPECIFICATION FOR DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" AND THE SSMA "PRODUCT TECHNICAL GUIDE" (ESR 3064P).
2. COLD-FORMED MEMBERS SHALL HAVE MIN G60 COATING AND MEET ASTM A653, SS GRADE 50, CLASS 1 OR 3 (Fy = 50 KSI), EXCEPT MEMBERS OF 18 GAGE AND LIGHTER MAY MEET A653, SS GRADE 33 (Fy = 33 KSI) UNLESS SPECIFIED OTHERWISE.
3. FRAMING COMPONENTS MAY BE PREFABRICATED INTO ASSEMBLIES BEFORE ERECTION. FABRICATE PANELS PLUMB, SQUARE, TRUE TO LINE, AND BRACED AGAINST RACKING WITH JOINTS WELDED. PERFORM LIFTING OF UNITS TO PREVENT DAMAGE OR DISTORTION.
4. FABRICATE UNITS TO MAXIMUM ALLOWABLE TOLERANCE VARIATION FROM PLUMB, LEVEL, AND TRUE TO LINE OF 1/8" IN 10 FEET.
5. CUT FRAMING MEMBERS BY SAWING OR SHEARING, DO NOT TORCH CUT.
6. PROVIDED TEMPORARY BRACING AND LEAVE IN PLACE UNTIL FRAMING IS PERMANENTLY STABILIZED.

SPECIAL INSPECTIONS AND TESTING

INSPECTIONS SHALL BE PERFORMED BY AN INDEPENDENT TESTING AGENCY, PAID FOR BY THE OWNER. THE FOLLOWING FIELD INSPECTIONS ARE REQUIRED:

1. VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION PER AISC 360-10 CHAPTER N.
2. VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION PER BUILDING CODE TABLE 1705.3.
3. SPECIAL INSPECTION OF MASONRY CONSTRUCTION PER TMS 402-11 TABLE 1.19.2. EXCEPTION: MASONRY VENEER ONLY REQUIRES VERIFICATION OF COMPLIANCE WITH THE APPROVED SUBMITTALS PER TABLE 1.19.1.
4. INSPECTION OF SITE SOILS, FILL PLACEMENT, AND BEARING CAPACITIES BY A LICENSED GEOTECHNICAL ENGINEER AS FOLLOWS:
   a. OBSERVATION OF PROOF ROLLING FOR THE SITE PRIOR TO FILL PLACEMENT.
   b. COMPACTION TESTING OF STRUCTURAL FILL PLACEMENT. LIFTS SHALL NOT BE MORE THAN 8".
   c. PROVIDE BEARING TESTS AT EACH FOOTING LOCATION TO CONFIRM BEARING CAPACITY.
   d. REQUIRED VERIFICATION AND INSPECTION OF SOILS PER BUILDING CODE TABLE 1705.6.

ABBREVIATIONS

ACI	AMERICAN CONCRETE INSTITUTE
ADDL	ADDITIONAL
ADDN	ADDITION
AE	ARMOR EDGE SYSTEM (BY PNA CONSTRUCTION TECH)
AFF	ABOVE FINISHED FLOOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AISI	AMERICAN IRON AND STEEL INSTITUTE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APPROX	APPROXIMATE/APPROXIMATELY
AR	ANCHOR ROD
ARCH	ARCHITECT/ARCHITECTURAL
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS
ASTM	ASTM INTERNATIONAL
AWS	AMERICAN WELDING SOCIETY
BCX	BOTTOM CHORD EXTENSION
BD	BOARD
BF	BOTTOM FLANGE
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BO	BOTTOM OF
BOS	BOTTOM OF STEEL
BOT	BOTTOM
BP	BASE PLATE
BRG	BEARING
BS	BOTH SIDES
BTWN	BETWEEN
C	COMPRESSION
CAP	CAPACITY
CAT	CATALOG
CFS	COLD-FORMED STEEL (LIGHT GAUGE)
CHMFR	CHAMFER
CJ	CONTROL JOINT
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
COORD	COORDINATE
CS	COUNTERSUNK
CTR	CENTER
CX	CEILING EXTENSION
DBL	DOUBLE
DEMO	DEMOLISH/DEMOLITION
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DIR	DIRECTION
DN	DOWN
DO	DITTO (SAME AS ADJACENT)
DWG	DRAWING
EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
EL, ELEV	ELEVATION
EMBED	EMBEDDED/EMBEDMENT
ENG	ENGINEER
EOS	EDGE OF SLAB
EPS	EXTRUDED POLYSTYRENE
EQ	EQUAL
EQ SPA	EQUAL SPACING/EQUALLY SPACED
EW	EACH WAY
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR/EXTERNAL
FB	FLAT BAR
FD	FLOOR DRAIN
FDN	FOUNDATION
FF	FINISHED FLOOR
FFE	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
FH	FLATHEAD
FIN	FINISH/FINISHED
FL	FLOOR/FLOORING
FLG	FLANGE
FS	FAR SIDE
FT	FOOT/FEET
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GR	GRADE
GSN	GENERAL STRUCTURAL NOTES
GWB	GYPSUM WALL BOARD
HGT	HEIGHT
HORIZ	HORIZONTAL
ID	INSIDE DIAMETER
IN	INCHES
INSUL	INSULATION
INT	INTERIOR
INV	INVERT
IS	INSIDE
ISF	INSIDE FACE
JB	JOIST BEARING/JOIST BEARING ELEVATION
JST	JOIST
JT	JOINT
K, KIP	KIPS, KILOPOUNDS (1 KIP = 1000 POUNDS)
KSF	KIPS PER SQUARE FOOT
LB	POUNDS
LF	LINEAR/LINEAL FOOT
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG	LONGITUDINAL
LP	LONG POINT
M	BENDING MOMENT
MACH	MACHINE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
NO	NUMBER
NOM	NOMINAL
NS	NON-SHRINK/NEAR SIDE
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPG(S)	OPENING/OPENINGS
OPP	OPPOSITE, OPPOSITE HAND
ORIG	ORIGINAL
OS	OUTSIDE
OSF	OUTSIDE FACE
OZ	OUNCE
PAF	POWDER ACTUATED FASTENER
PL	STEEL PLATE, BAR, STRIP OR SHEET
PLUMB	PLUMBING
PLYWD	PLYWOOD
PR	PAIR
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
PTD	PAINTED
PVC	POLYVINYLCHLORIDE
QTY	QUANTITY
R	RADIUS
R	BEAM OR COLUMN REACTION
RD	ROOF DRAIN
REINF	REINFORCE/REINFORCED/REINFORCEMENT
REQD	REQUIRED
REQT	REQUIREMENT
REV	REVISION
RM	ROOM
RO	ROUGH OPENING
SCHED	SCHEDULE/SCHEDULED
SDI	STEEL DECK INSTITUTE
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SJI	STEEL JOIST INSTITUTE
SPEC	SPECIFICATION/SPECIFICATIONS/SPECIFIED
SQ	SQUARE
SS	STAINLESS STEEL
SSMA	STEEL STUD MANUFACTURER'S ASSOCIATION
STD	STANDARD
STL	STEEL
STRUC	STRUCTURE
T	TENSION
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TBD	TO BE DETERMINED
TBR	TO BE REMOVED
TCX	TOP CHORD EXTENSION
TF	TOP FLANGE
TFE	TOP OF FOOTING ELEVATION
THD	THREAD/THREADED
THK	THICK/THICKNESS
TMS	THE MASONRY SOCIETY
TO	TOP OF
TOB	TOP OF BEAM
TOS	TOP OF STEEL
TOW	TOP OF WALL
TRANS	TRANSVERSE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
V	SHEAR FORCE
VERT	VERTICAL
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WD	WOOD
WP	WORK POINT
WT	WEIGHT
WWF	WELDED WIRE FABRIC

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
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Revisions:		Date:
1	ADD 1	07/12/19
2		
3		
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DRAWN BY: CWG

REVIEWED BY: LSW

Seal

STATE OF MISSOURI
ELIAS JOHANNSSON
NUMBER PE-2010009866
PROFESSIONAL ENGINEER
07/17/19

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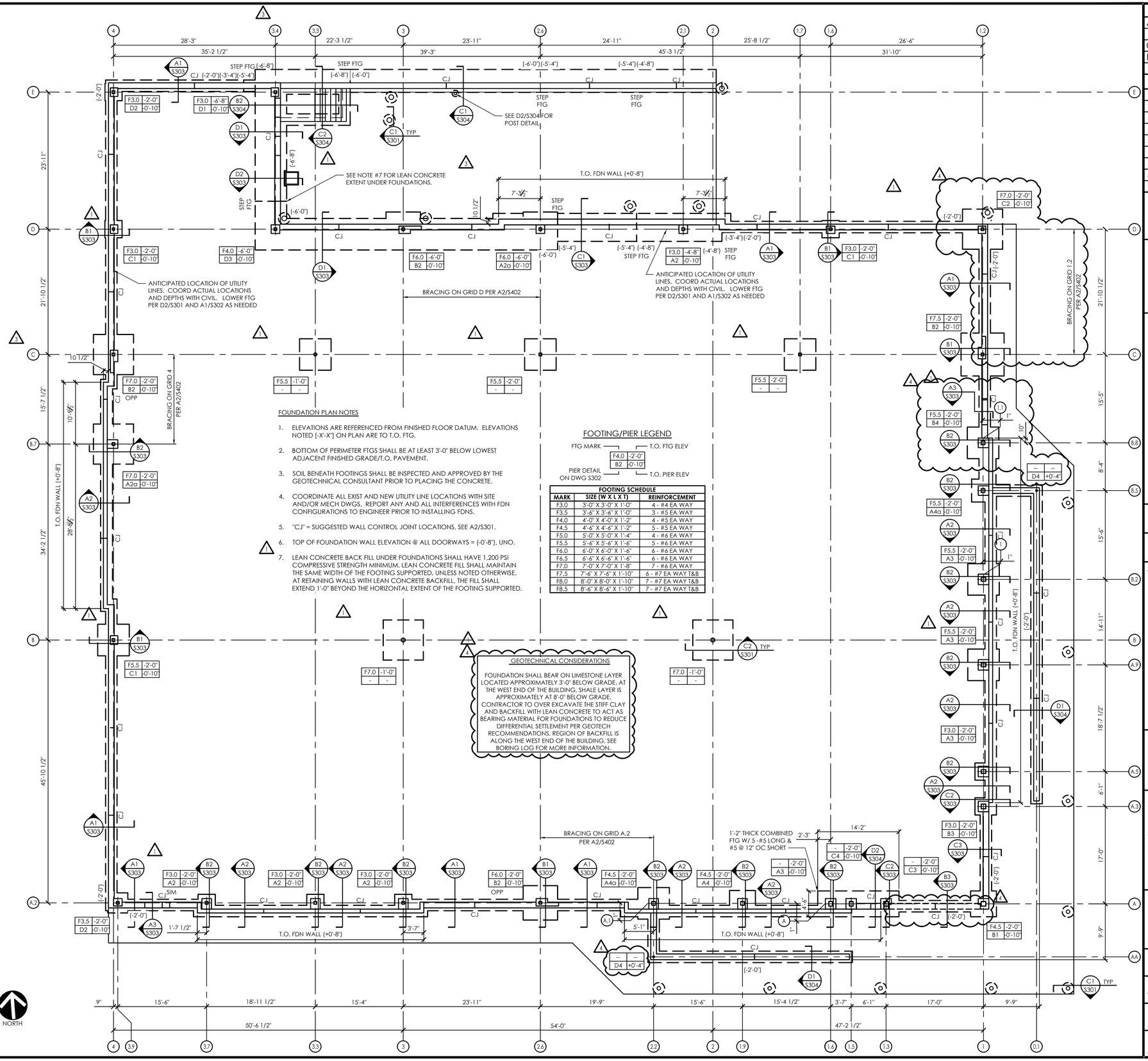
ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64063
JACKSON COUNTY
Project Name & Location:

General Structural Notes (GSN)
Drawing Name:

Date: 06/25/19
Project No. 1813308
Type:RHRDV7ER
Scale: As Noted
S-001
Drawing No.

PLOTTED: 7/17/2019 11:37 AM



FOUNDATION PLAN NOTES

1. ELEVATIONS ARE REFERENCED FROM FINISHED FLOOR DATUM. ELEVATIONS NOTED [-X'-X"] ON PLAN ARE TO T.O. FTG.
2. BOTTOM OF PERIMETER FTGS SHALL BE AT LEAST 3'-0" BELOW LOWEST ADJACENT FINISHED GRADE/T.O. PAVEMENT.
3. SOIL BENEATH FOOTINGS SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL CONSULTANT PRIOR TO PLACING THE CONCRETE.
4. COORDINATE ALL EXIST AND NEW UTILITY LINE LOCATIONS WITH SITE AND/OR MECH DWGS. REPORT ANY AND ALL INTERFERENCES WITH FDN CONFIGURATIONS TO ENGINEER PRIOR TO INSTALLING FDNS.
5. "CJ" = SUGGESTED WALL CONTROL JOINT LOCATIONS, SEE A2/S301.
6. TOP OF FOUNDATION WALL ELEVATION @ ALL DOORWAYS = (-0'-8"), UNO.
7. LEAN CONCRETE BACK FILL UNDER FOUNDATIONS SHALL HAVE 1,200 PSI COMPRESSIVE STRENGTH MINIMUM. LEAN CONCRETE FILL SHALL MAINTAIN THE SAME WIDTH OF THE FOOTING SUPPORTED, UNLESS NOTED OTHERWISE. AT RETAINING WALLS WITH LEAN CONCRETE BACKFILL, THE FILL SHALL EXTEND 1'-0" BEYOND THE HORIZONTAL EXTENT OF THE FOOTING SUPPORTED.

FOOTING/PIER LEGEND

FTG MARK — T.O. FTG ELEV (e.g. F4.0 | -2'-0" / B2 | 0'-10")
PIER DETAIL ON DWG S302 — T.O. PIER ELEV

FOOTING SCHEDULE		
MARK	SIZE (W X L X T)	REINFORCEMENT
F3.0	3'-0" X 3'-0" X 1'-0"	4 - #4 EA WAY
F3.5	3'-6" X 3'-6" X 1'-0"	3 - #5 EA WAY
F4.0	4'-0" X 4'-0" X 1'-2"	4 - #5 EA WAY
F4.5	4'-6" X 4'-6" X 1'-2"	5 - #5 EA WAY
F5.0	5'-0" X 5'-0" X 1'-4"	4 - #6 EA WAY
F5.5	5'-6" X 5'-6" X 1'-6"	5 - #6 EA WAY
F6.0	6'-0" X 6'-0" X 1'-6"	6 - #6 EA WAY
F6.5	6'-6" X 6'-6" X 1'-6"	6 - #6 EA WAY
F7.0	7'-0" X 7'-0" X 1'-8"	7 - #6 EA WAY
F7.5	7'-6" X 7'-6" X 1'-10"	6 - #7 EA WAY T&B
F8.0	8'-0" X 8'-0" X 1'-10"	7 - #7 EA WAY T&B
F8.5	8'-6" X 8'-6" X 1'-10"	7 - #7 EA WAY T&B

1 Foundation Plan
SCALE: 1/8" = 1'-0"

NORTH

PLOTTED: 10/3/2019 1:57 PM

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
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Revisions:		Date:
1	ADD 1	07/12/19
2		
3	ADD 3	08/19/19
4	ADD 4	10/04/19
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DRAWN BY: CWG
REVIEWED BY: LSW

Seal

STATE OF MISSOURI
ELIAS JOHANNSSON
NUMBER PE-2010009866
PROFESSIONAL ENGINEER
10/04/19

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560 NW CHIPMAN RD
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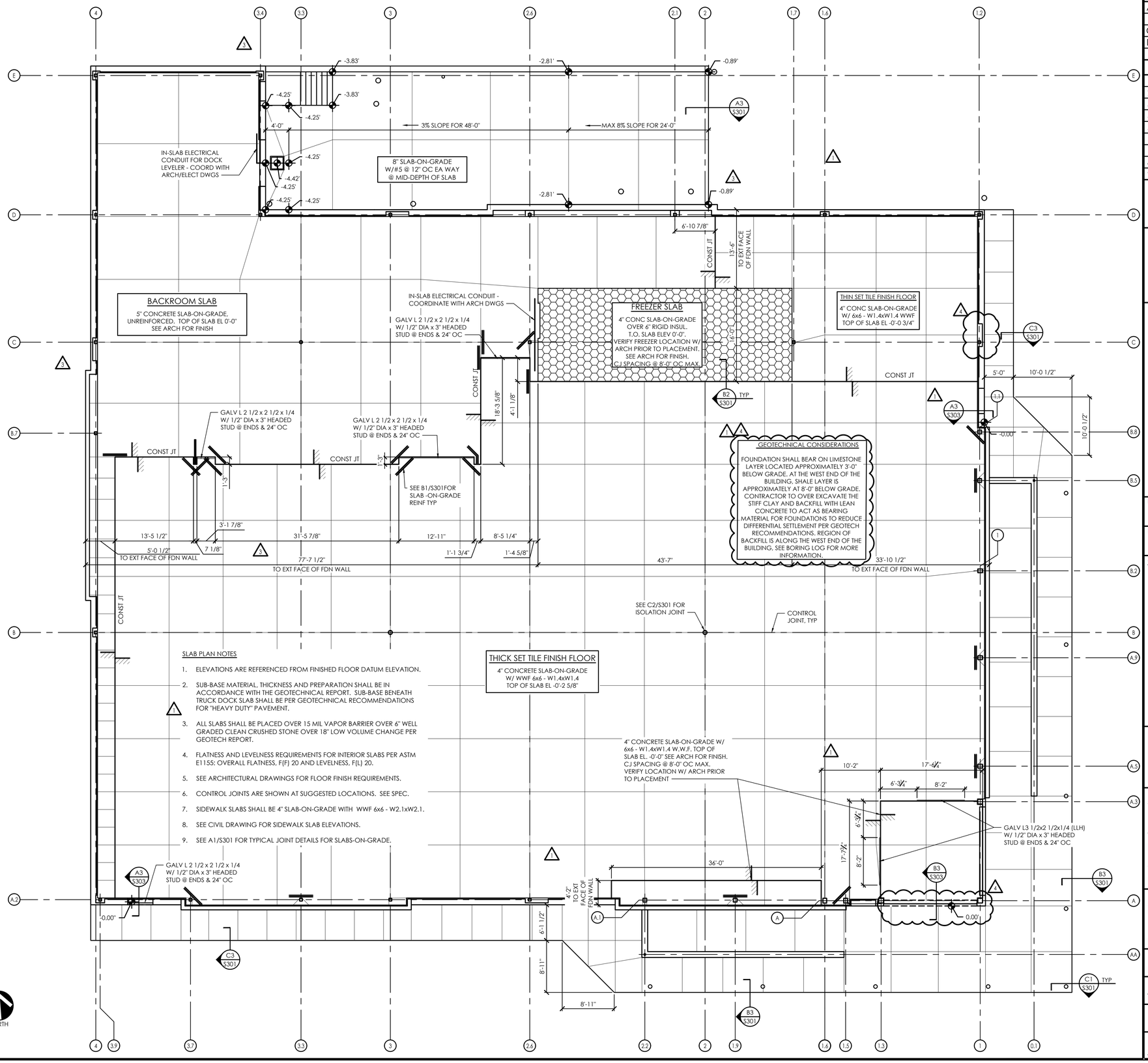
JACKSON COUNTY
Project Name & Location:

Foundation Plan
Drawing Name:

Date: 06/25/19
Project No. 1813308
Type: RHRDV7ER
Scale: 1/8"=1'-0"
S-101
Drawing No.



1 Slab Plan
SCALE: 1/8" = 1'-0"

NORTH

PLOTTED: 10/3/2019 1:57 PM

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A	Client Review	02/14/18
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1	ADD 1	07/12/19
2		
3	ADD 3	08/19/19
4	ADD 4	10/04/19
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DRAWN BY: CWG

REVIEWED BY: LSW

Seal

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10/04/19

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560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64063
JACKSON COUNTY

Project Name & Location:

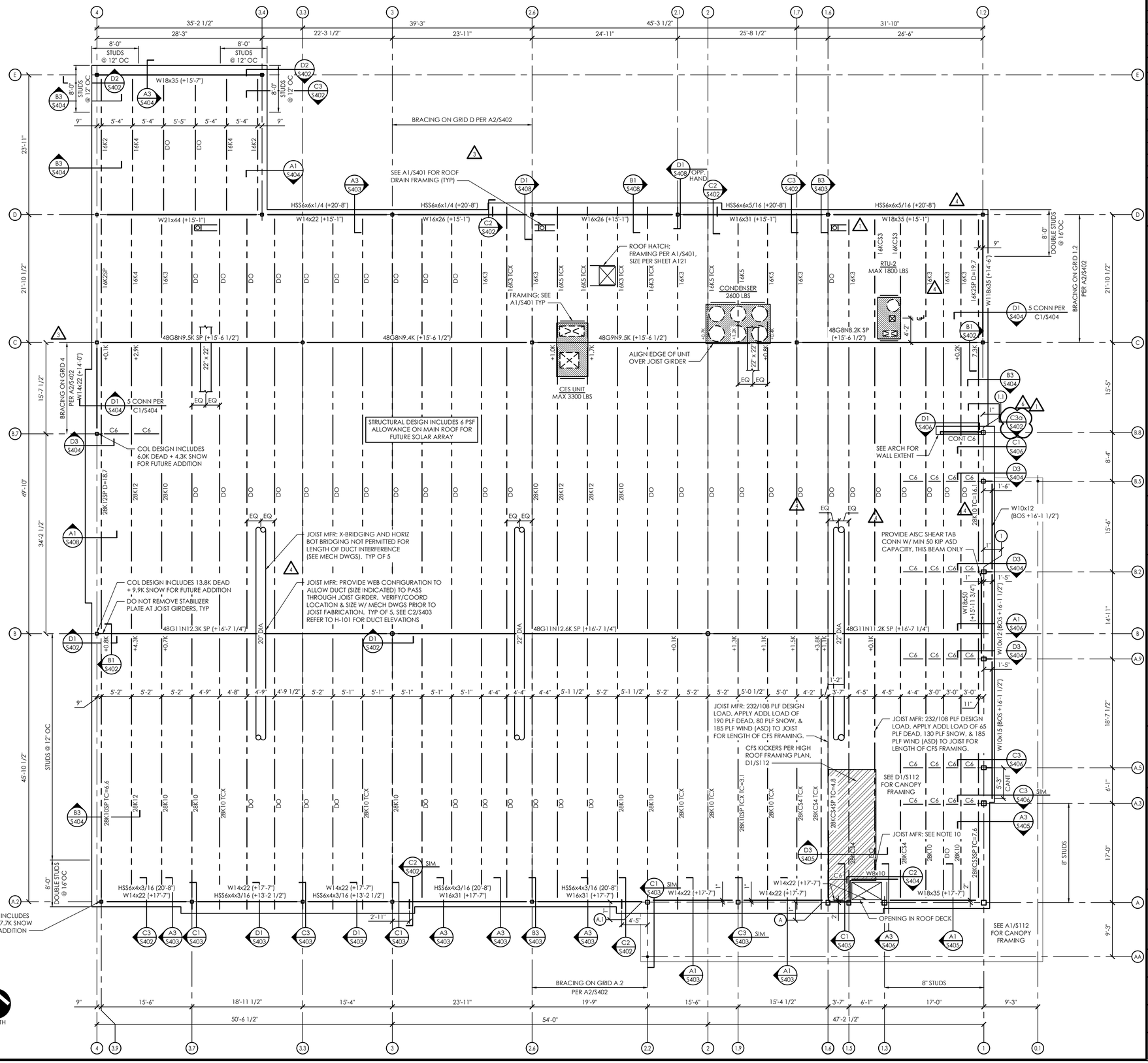
Slab Plan

Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Scale: 1/8"=1'-0"

Project No. 1813308

S-102
Drawing No.



ROOF FRAMING PLAN NOTES

1. T.O. STEEL ELEVATIONS NOTED (+X'-X") ARE REFERENCED FROM FF DATUM ELEV. (BOS+X'-X") REFERS TO B.O. STEEL ELEV.
2. TYPICAL ROOF DECK SHALL BE 1 1/2" x 22 GAGE PAINTED TYPE B WIDE-RIB DECK. ROOF DECK SHALL BEAR 1 1/2" MIN ON SUPPORTING STEEL WITH ATTACHMENT PER TYPICAL ROOF DECK FASTENING DETAIL, B3/S401. △1
3. SEE MECH & ARCH DWGS FOR BALANCE OF EQUIPMENT, ROOF PENETRATIONS, ETC. GENERAL CONTRACTOR SHALL VERIFY/COORD ALL RTU LOCATIONS AND PENETRATIONS WITH MECH CONTRACTOR PRIOR TO STEEL FABRICATION.
4. REACTIONS NOTED ARE COMBINED ASD LEVEL FORCES AND INCLUDE FRAMING SELF WEIGHT.
5. JOIST MFR: DESIGN JOISTS AND JOIST GIRDERS FOR ALL LOADS NOTED IN THESE DWGS. SEE S001 FOR REQD NET UPLIFT WIND LOADS. "TC=" AND "D=" INDICATE ASD LEVEL SEISMIC OR WIND FORCE (0.7E OR 0.6W) IN KIPS, APPLIED TO JOIST IN ADDITION TO STANDARD REQUIREMENTS OF SPECIFIED JOIST DESIGNATION. APPLY "TC=" LOADS AXIALLY (TENSION OR COMPRESSION) TO JOIST TOP CHORD. DESIGN JOISTS TO TRANSFER "D" LOADS AXIALLY FROM TOP CHORD TO BOTTOM CHORD. SEE GSN FOR ADDL REQTS.
6. JOIST MFR: DESIGN JOISTS FRAMING INTO COLUMNS FOR REMOVAL OF STABILIZER PLATE WHERE DETAILED.
7. JOIST MFR: JOIST GIRDER PANEL POINT LOADS ARE PER THE DESIGNATION AS MODIFIED BY LOADS GIVEN (IN KIPS) AT JOIST ENDS. LOADS SHOW WITH PLUS SIGN INDICATE LOAD TO BE APPLIED IN ADDITION TO DESIGNATED LOAD (EXAMPLE: +2.0K). LOADS SHOWN WITHOUT PLUS SIGN INDICATE LOADS TO BE USED IN LIEU OF THE DESIGNATED LOAD (EXAMPLE: 7.5K).
8. GC SHALL ENSURE ALL JOIST AND JOIST GIRDER TAGS ARE PROPERLY SECURED TO JOIST WEBBING AND CONCEALED FROM VIEW PRIOR TO PAINTING △4
9. GC SHALL CONFIRM DIMENSIONS OF HVAC UNITS W/ EQUIPMENT SUPPLIER, AND FURNISH INFO TO JOIST MFR.
10. JOIST MFR: APPLY ADDL POINT LOAD OF 1.8K DEAD, 1.3K SNOW, AND 2.1K WIND (ASD) TO JOISTS @ EA END OF W8 BEAM.

1 **Roof Framing Plan**
SCALE: 1/8" = 1'-0"

NORTH

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A	Client Review	02/14/18
B	Permit Set	06/25/19
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Revisions:		Date:
1	ADD 1	07/12/19
2		
3	ADD 3	08/19/19
4	ADD 4	10/04/19
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6	CCD 1	11/25/19
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DRAWN BY: CWG

REVIEWED BY: LSW

Seal

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ELIAS JOHANNSSON
NUMBER PE-2010009866
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11/25/19

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LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

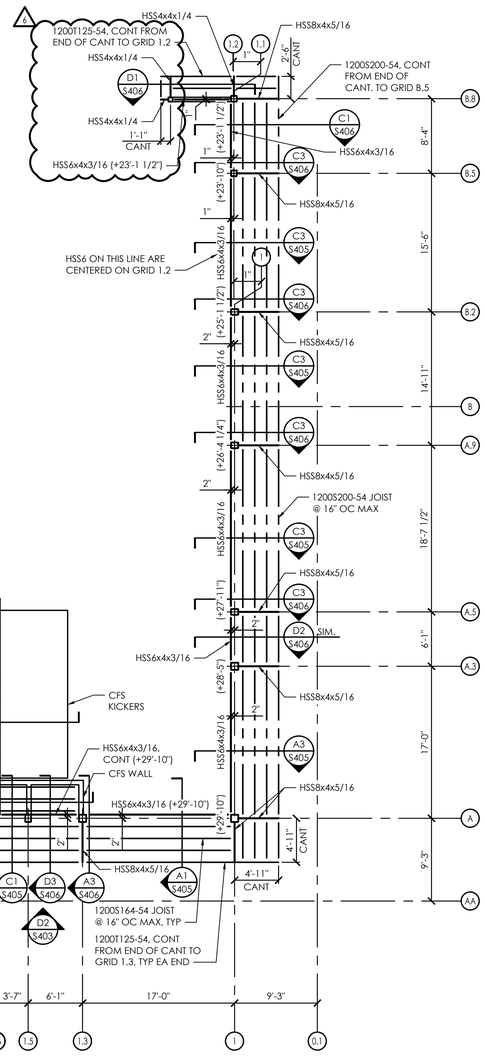
Roof Framing Plan
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Scale: 1/8"=1'-0"

Project No. 1813308

S-111
Drawing No.

PLOTTED: 11/25/2019 1:33 PM


4
12001125-54, CONT FROM END OF CANT TO GRID 1.2
HSS4x4x1/4
HSS4x4x1/4
D1 S406
HSS4x4x1/4
1'-1" CANT
HSS6x4x3/16 (+23'-1 1/2")
HSS8x4x5/16
1.2
1.1
1"
2'-6" CANT
1200S200-54, CONT FROM END OF CANT. TO GRID B.5
C1 S406
HSS6x4x3/16
HSS8x4x5/16
HSS6 ON THIS LINE ARE CENTERED ON GRID 1.2
HSS8x4x5/16
HSS8x4x5/16
HSS8x4x5/16
HSS8x4x5/16
HSS8x4x5/16
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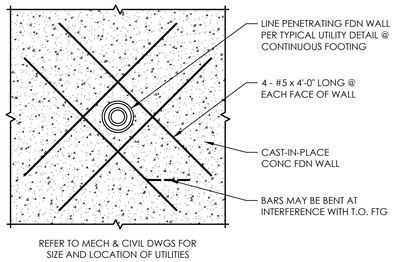
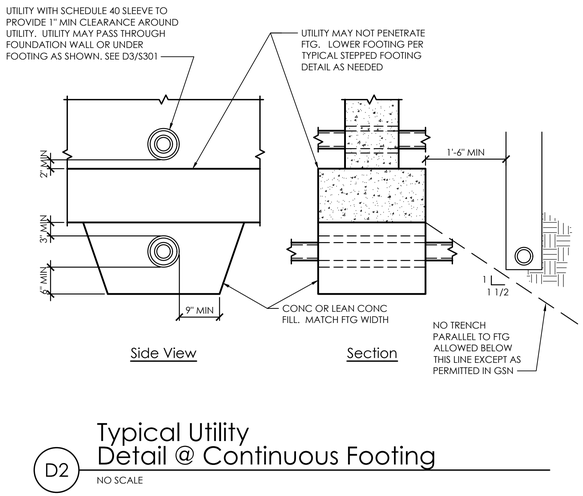
HSS6x4x3



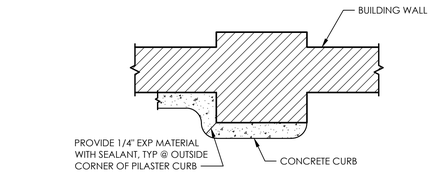
D3 Typical Foundation Wall Reinforcement Detail @ Mechanical Penetrations

NO SCALE

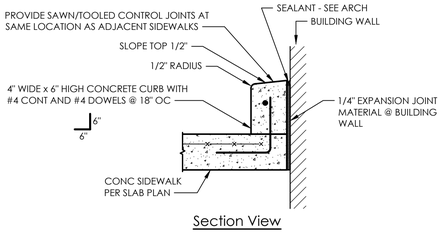


D2 Typical Utility Detail @ Continuous Footing

NO SCALE



Plan View @ Pilaster

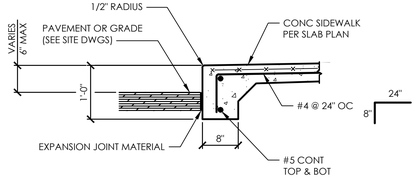


Section View

SEE ARCHITECTURAL DWGS FOR CURB LOCATIONS

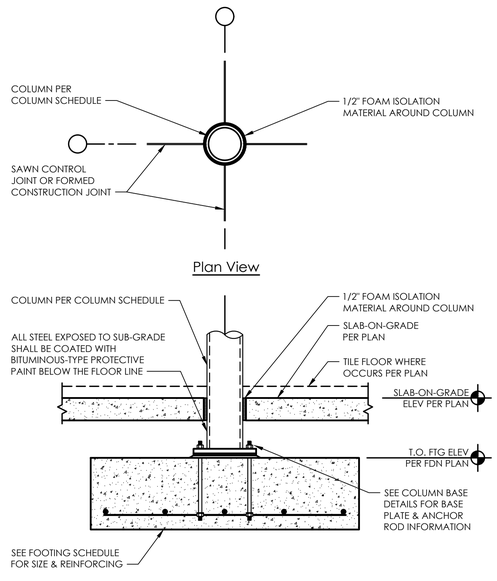
D1 Typical Concrete Cart Bumper Detail

NO SCALE



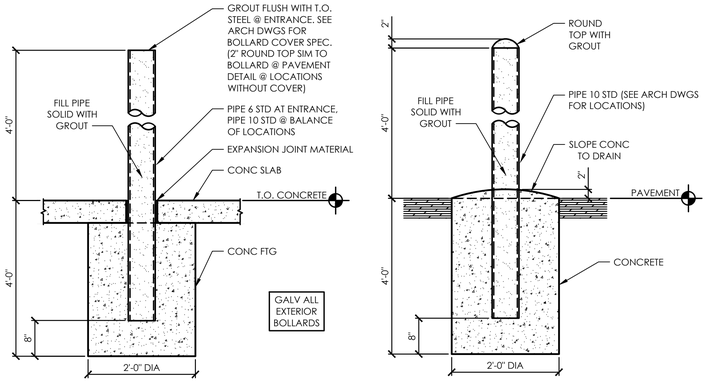
C3 Section

SCALE: 3/4" = 1'-0"



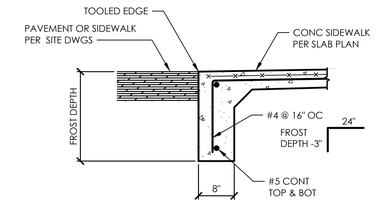
C2 Typical Interior Column Detail

NO SCALE



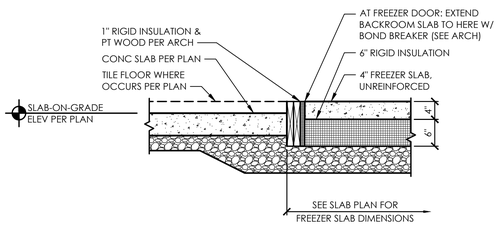
C1 Typical Steel Bollard Detail

SCALE: 3/4" = 1'-0"



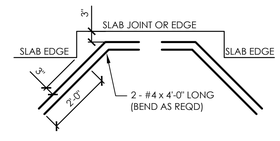
B3 Section

SCALE: 3/4" = 1'-0"

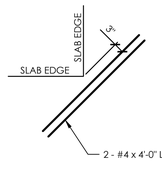


B2 Section @ Freezer Slab

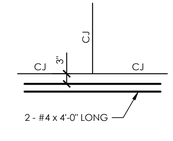
SCALE: 3/4" = 1'-0"



Short Slab Extension



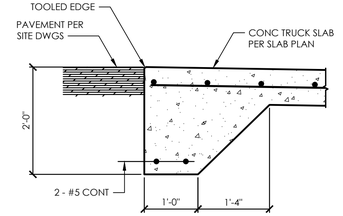
Re-entrant Corner



Discontinuous Control Joint

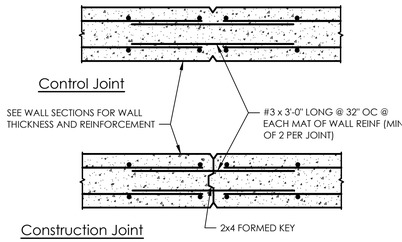
B1 Typical Slab-on-Grade Reinforcement

NO SCALE



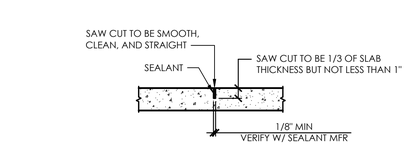
A3 Section

SCALE: 3/4" = 1'-0"



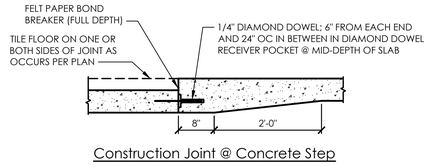
A2 Typical Concrete Wall Joint Detail

NO SCALE

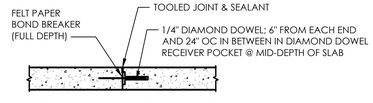


SAW CUTS ARE TO BE MADE IMMEDIATELY UPON COMPLETION OF FINAL TROWELLING. FOR BROOMED FINISHES, CUTS ARE TO BE MADE AFTER THE FINAL FINISH IS COMPLETED, AS SOON AS THE CUTTING OPERATION DOES NOT RAVEL THE JOINT EDGE OR OTHERWISE DISTURB THE FINISH.

Control Joint



Construction Joint @ Concrete Step



PLACE DOWELS PARALLEL TO SLAB SURFACE.

Construction Joint

A1 Typical Joint Details for Slabs-on-Grade

NO SCALE

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
E		

Revisions:		Date:
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www.360engroup.com
1201 East 3rd Street
Tulsa, OK 74120
918.5181124

DRAWN BY: CWG

REVIEWED BY: LSW

Seal

STATE OF MISSOURI · ELIAS JOHANNSSON · NUMBER PE-2010009866 · PROFESSIONAL ENGINEER
06/24/19

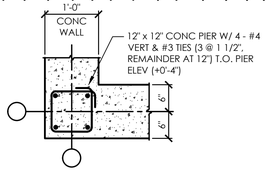
ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
NW WARD RD & NW DONOVAN RD
LEE'S SUMMIT, MO 64063
JACKSON COUNTY
Project Name & Location:

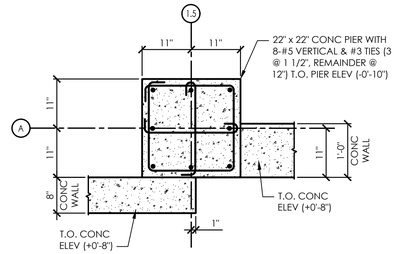
Foundation Details
Drawing Name:

Date: 06/25/19
Project No. 1813308
Type:RHRDV7ER
Scale: As Noted
S-301
Drawing No.

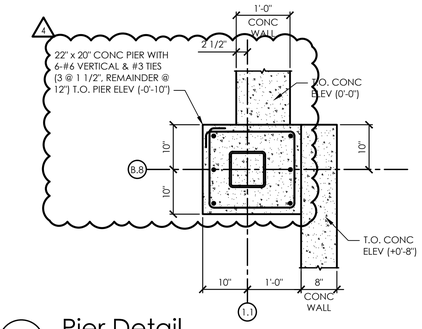
PLOTTED: 6/24/2019 3:35 PM



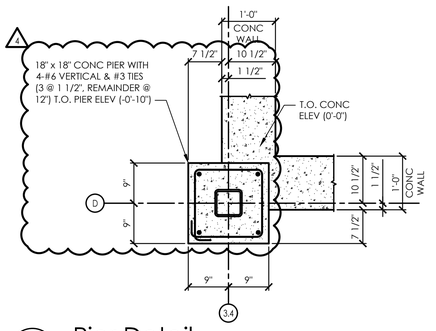
D4 Pier Detail
SCALE: 3/4" = 1'-0"



C4 Pier Detail
SCALE: 3/4" = 1'-0"



B4 Pier Detail
SCALE: 3/4" = 1'-0"



D3 Pier Detail
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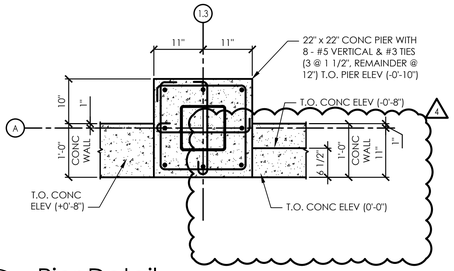

C3 Pier Detail
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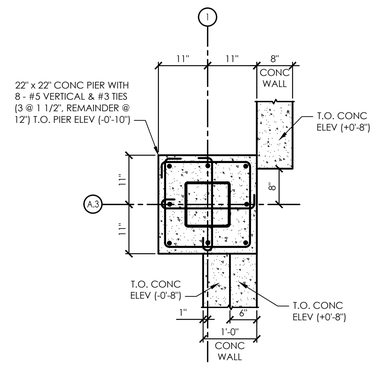

B3 Pier Detail
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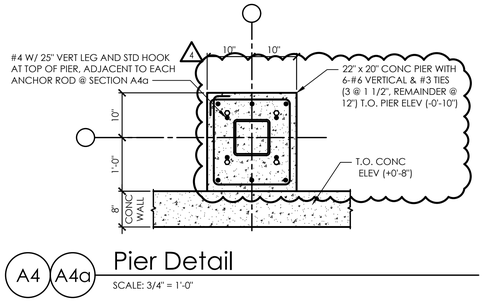

A4 A4a Pier Detail
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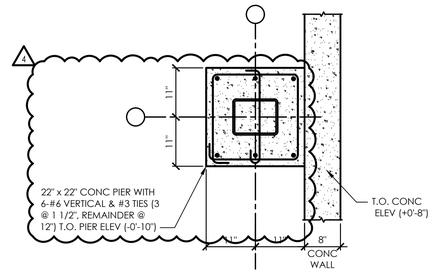

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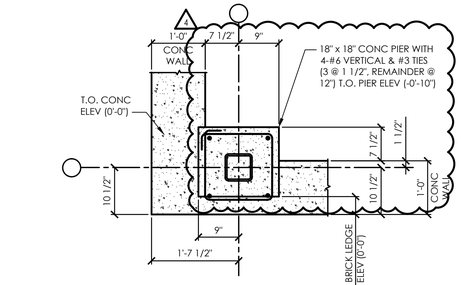

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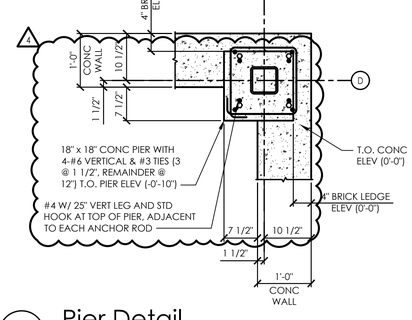

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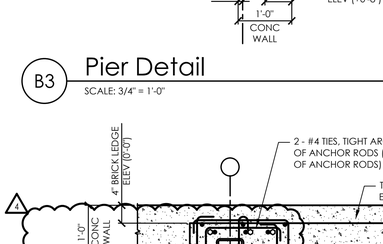

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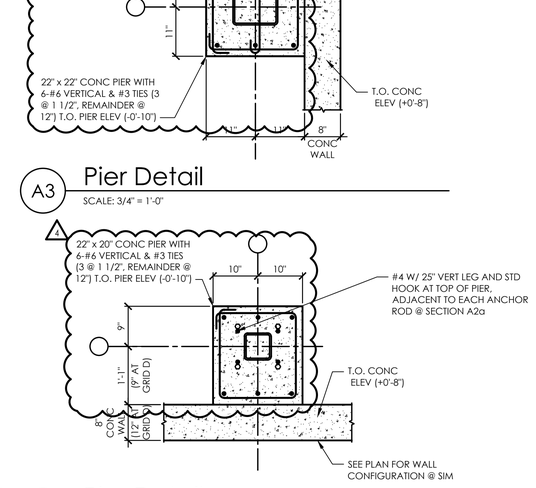
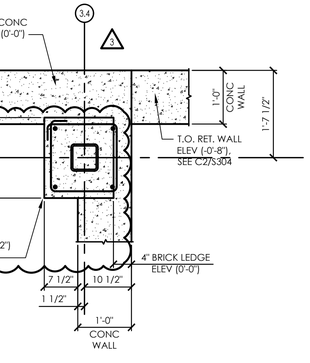


A2 A2a Pier Detail
SCALE: 3/4" = 1'-0"



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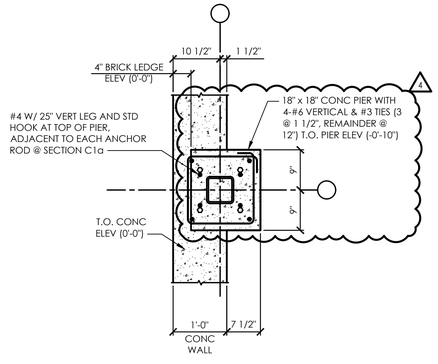

C1 C1a Pier Detail
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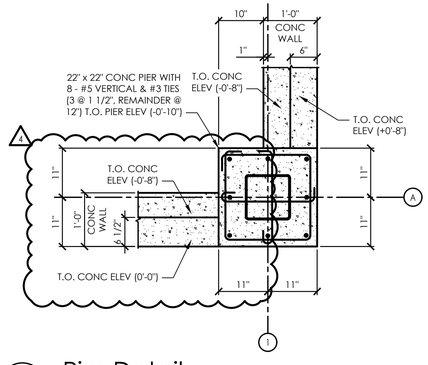

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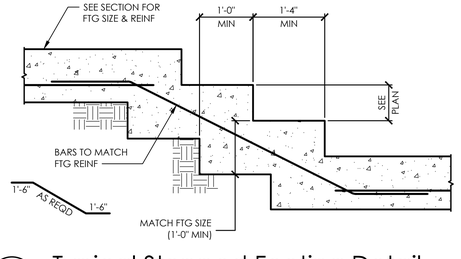

A1 Typical Stepped Footing Detail
NO SCALE

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
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D		
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Revisions:		Date:
1		
2		
3	ADD 3	08/19/19
4	ADD 4	10/04/19
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360 Engineering Group, PLLC
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1201 East 3rd Street
Tulsa, OK 74120
918.5181124

DRAWN BY: CWG

REVIEWED BY: LSW

Seal

STATE OF MISSOURI
ELIAS JOHANNSSON
NUMBER PE-2010009866
PROFESSIONAL ENGINEER
10/04/19

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64063
JACKSON COUNTY
Project Name & Location:

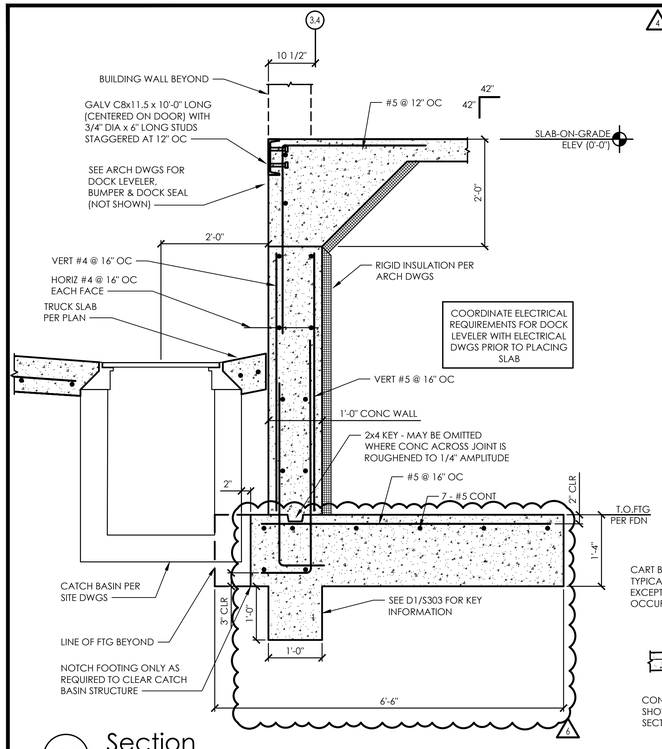
Foundation Details
Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Scale: As Noted

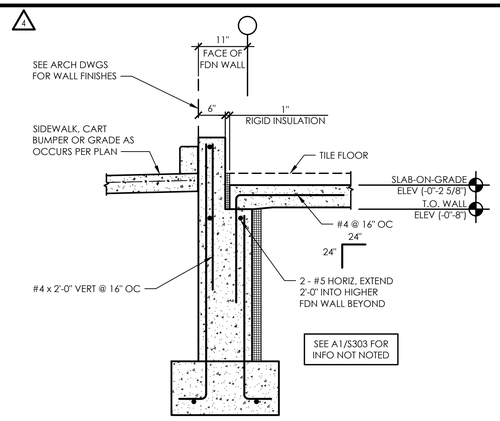
Project No. 1813308

S-302
Drawing No.

PLOTTED: 10/3/2019 1:59 PM



D2 Section
SCALE: 3/4" = 1'-0"



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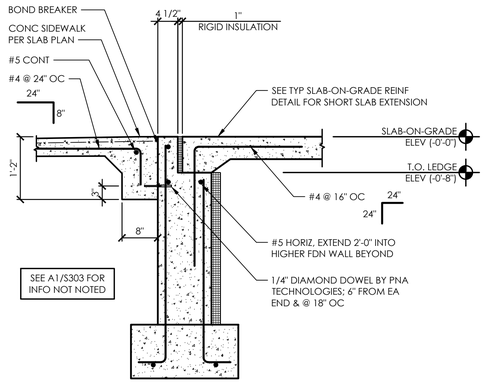

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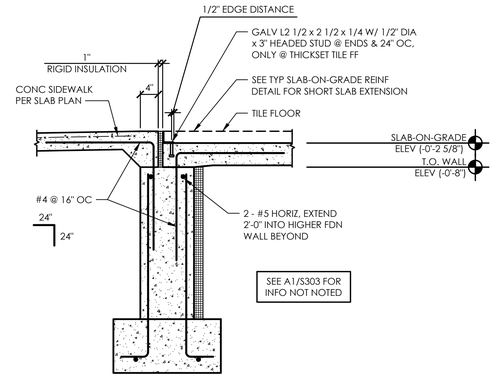

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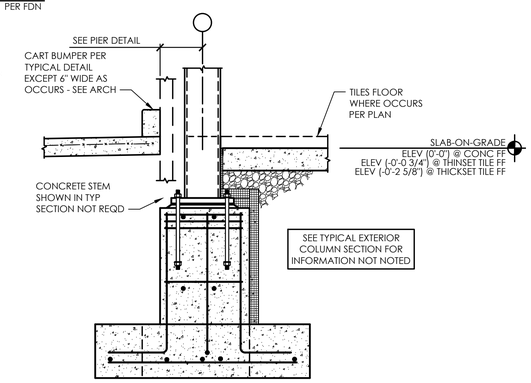

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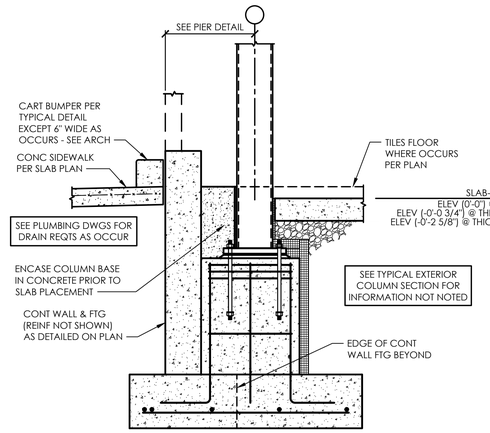

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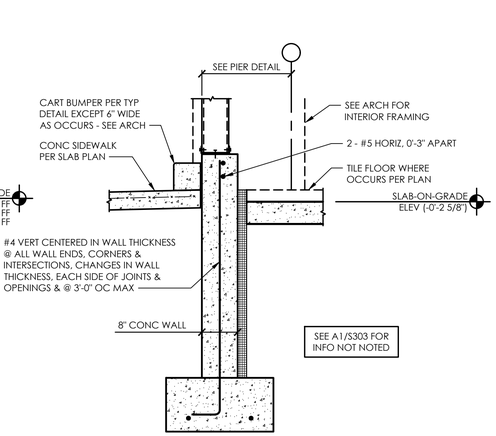

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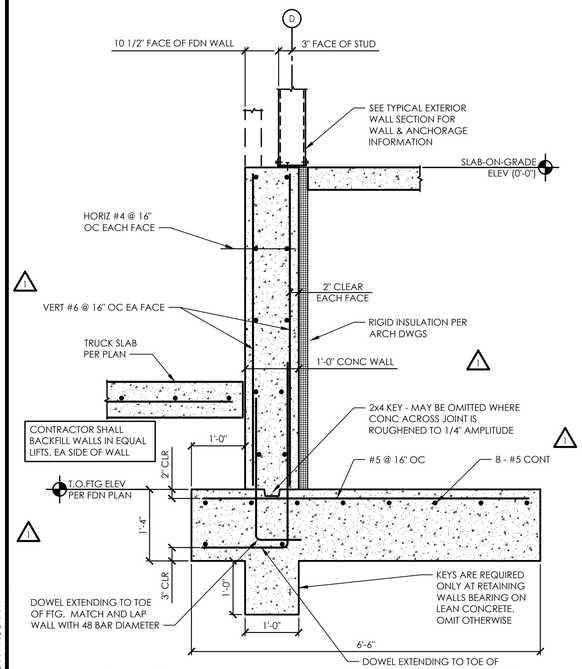

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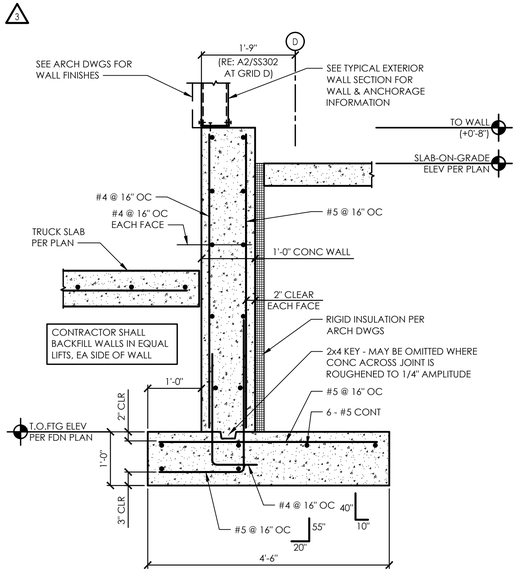
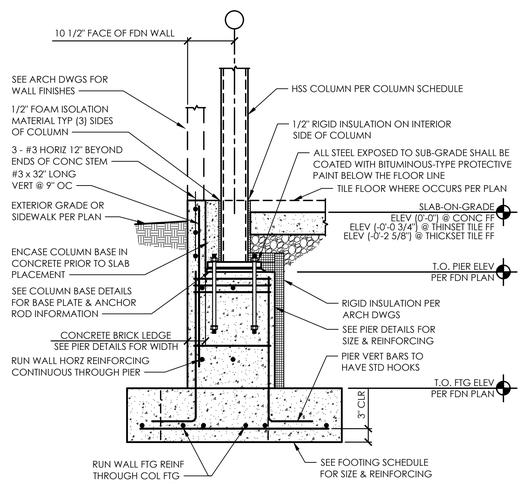
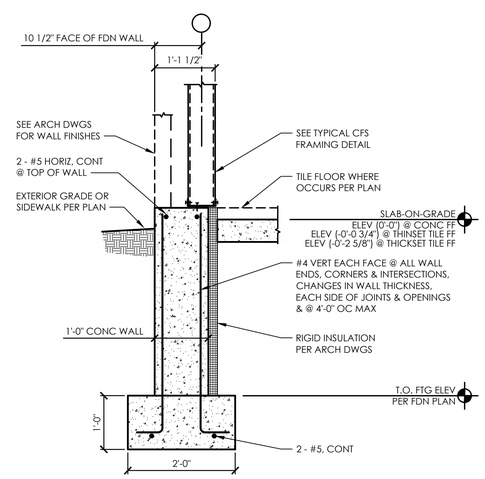
SCALE: 3/4" = 1'-0"



C1 Section
SCALE: 3/4" = 1'-0"



B1 Typical Exterior Column Section
SCALE: 3/4" = 1'-0"



A1 Typical Exterior Wall Section
SCALE: 3/4" = 1'-0"

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A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
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Revisions:		Date:
1	ADD 1	07/12/19
2		
3	ADD 3	08/19/19
4	ADD 4	10/04/19
5		
6	CCD 1	11/25/19
7		
8		
9		

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www.360enggroup.com
1201 East 3rd Street
Tulsa, OK 74120
918.5181124

DRAWN BY: CWG

REVIEWED BY: LSW

Seal

STATE OF MISSOURI
ELIAS JOHANNSSON
NUMBER PE-2010009866
PROFESSIONAL ENGINEER
11/25/19

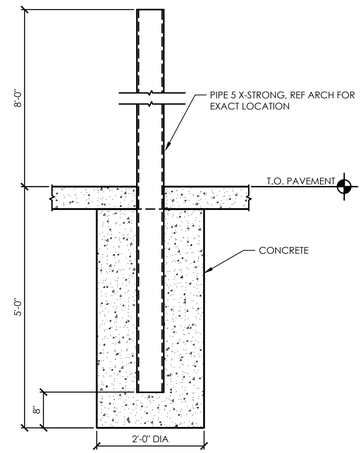
ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Foundation Details
Drawing Name:

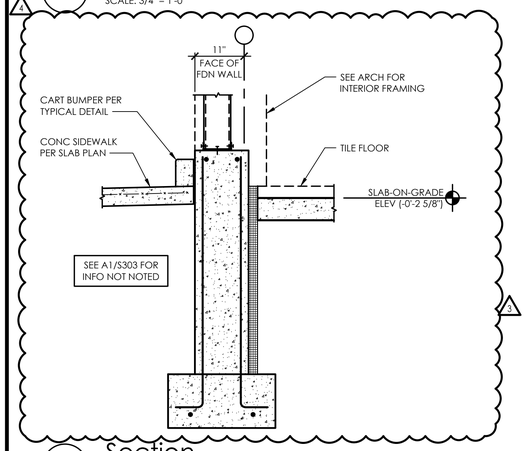
Date: 06/25/19
Type:RHRDV7ER
Scale: As Noted
Project No. 1813308
S-303
Drawing No.

PLOTTED: 11/25/2019 1:35 PM



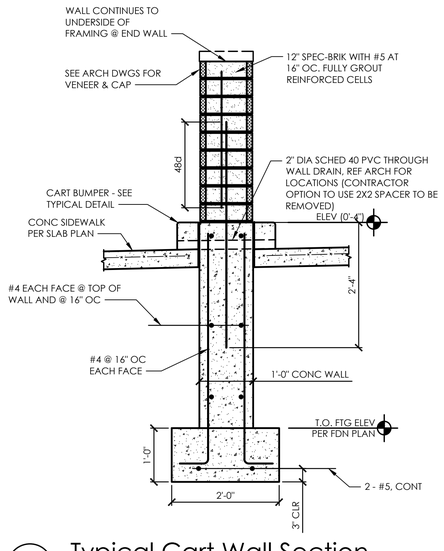
D3 Footing at Dumpster Post

SCALE: 3/4" = 1'-0"



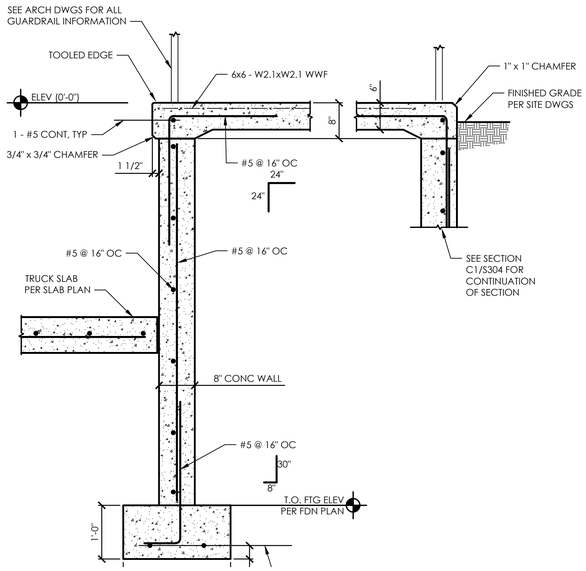
D2 Section

SCALE: 3/4" = 1'-0"



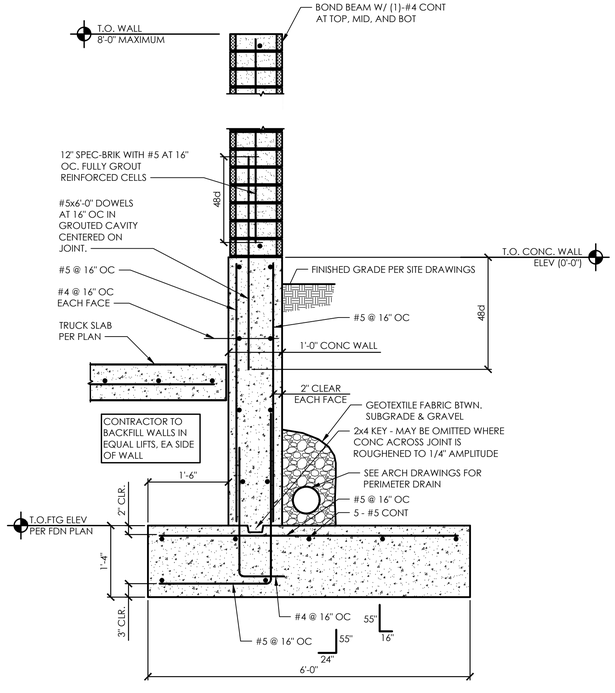
D1 Typical Cart Wall Section

SCALE: 3/4" = 1'-0"



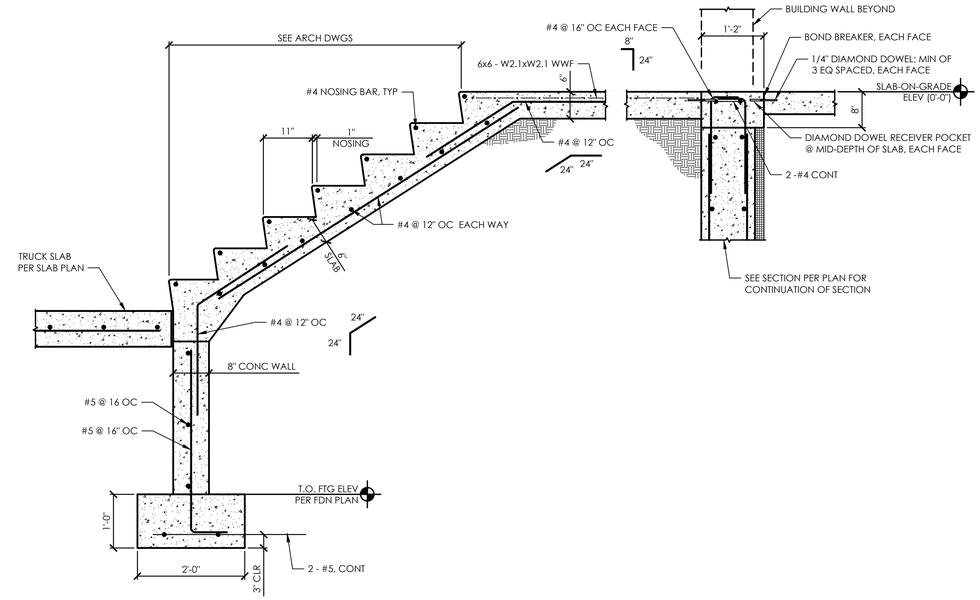
C2 Section

SCALE: 3/4" = 1'-0"



C1 Typical Dock Retaining Wall Section

SCALE: 3/4" = 1'-0"



B2 Section

SCALE: 3/4" = 1'-0"

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
E		

Revisions:		Date:
1		
2		
3	ADD 3	08/19/19
4	ADD 4	10/04/19
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1201 East 3rd Street
Tulsa, OK 74120
918.5181124

DRAWN BY: CWG

REVIEWED BY: LSW

Seal

ALDI Inc.
10505 S. K7 Highway
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(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64063
JACKSON COUNTY

Project Name & Location:

Foundation Details

Drawing Name:

Date: 06/25/19

Project No. 1813308

Type:RHRDV7ER

S-304

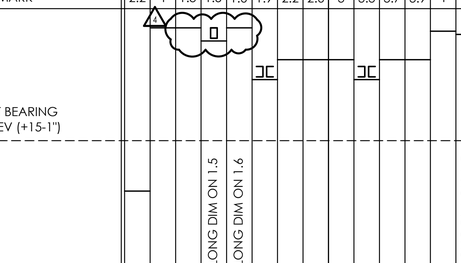
Scale: As Noted

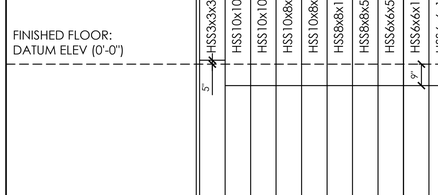
Drawing No.

PLOTTED: 10/3/2019 1:59 PM

COLUMN SCHEDULE

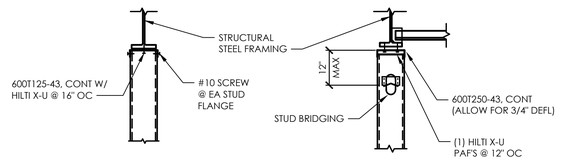
COLUMN MARK	AA	A				A.1		A.2				A.3	A.5	A.9	B			B.2	B.5		B.7	B.8	C				D						E	
	2.2	1	1.3	1.5	1.6	1.9	2.2	2.6	3	3.3	3.7	3.9	1	1	1	2	3	4	1	0.1	1.1	4	1.1	1.2	1.7	2.6	3.3	4	1.2	1.6	2.1	2.6	3	3.4	4	3.4	4
LOW JOIST BEARING DATUM ELEV (+15-1")																																					
FINISHED FLOOR: DATUM ELEV (0'-0")	HSS3x3x3/16	HSS10x10x5/16		HSS10x8x5/16 LONG DIM ON 1.5	HSS10x8x5/16 LONG DIM ON 1.6	HSS8x8x1/2	HSS8x8x5/16	HSS6x6x5/16	HSS6x6x1/4	HSS6x6x1/4	HSS6x6x1/4	HSS6x6x5/16	HSS10x10x5/16	HSS10x8x5/16 LONG DIM ON A.5	HSS10x8x5/16 LONG DIM ON A.9	PIPE 8 X-STRONG	PIPE 8 X-STRONG	HSS6x6x1/2	HSS10x8x5/16 LONG DIM ON B.2	HSS3x3x3/16	HSS8x8x5/16	HSS6x6x5/16	HSS6x6x5/16	HSS6x6x5/16	HSS6x6x3/8	PIPE 6 X-STRONG	HSS6x6x3/8	HSS6x6x5/16	HSS6x6x1/4	HSS6x6x1/4	HSS6x6x5/16	HSS6x6x5/16	HSS6x6x1/4	HSS6x6x1/4	HSS5x5x1/4	HSS5x5x1/4
BASE PL SIZE & TYP (D1/S401) UNO	3/4" TYPE B	3/4" x 16" x 16" (TYPE A)	3/4" x 16" x 16" (TYPE A)	3/4" x 16" x 16" (TYPE A)	3/4" x 14" x 14" (TYPE A)	3/4" x 14" x 14" (TYPE A)	1" x 14" x 14" (TYPE A)	SEE A2/S402	3/4" x 12" x 12" (TYPE A)	3/4" x 12" x 12" (TYPE A)	3/4" x 12" x 12" (TYPE A)	3/4" x 12" x 12" (TYPE A)	3/4" x 16" x 16" (TYPE A)	3/4" x 16" x 16" (TYPE A)	3/4" x 16" x 16" (TYPE A)	1" x 14" x 14" (TYPE A)	1" x 14" x 14" (TYPE A)	3/4" x 12" x 12" (TYPE A)	3/4" x 16" x 16" (TYPE A)	3/4" TYPE B	3/4" x 14" x 14" (TYPE A)	1" x 12" x 12" (TYPE A)	1" x 14" x 14" (TYPE A)	SEE A2/S402	1" x 12" x 12" (TYPE A)	3/4" x 12" x 12" (TYPE A)	1" x 12" x 12" (TYPE A)	SEE A2/S402	3/4" x 12" x 12" (TYPE A)	3/4" x 12" x 12" (TYPE A)	3/4" x 12" x 12" (TYPE A)	3/4" x 12" x 12" (TYPE A)	1" x 12" x 12" (TYPE A)	SEE A2/S402	3/4" x 12" x 12" (TYPE A)	3/4" x 12" x 12" (TYPE A)	3/4" x 10" x 10" (TYPE A)	3/4" x 10" x 10" (TYPE A)
A.R. EMBED = 7" UNO	-	-	-	-	-	-	10"	10"	-	-	-	-	-	-	-	-	-	-	-	-	-	10"	10"	10"	-	-	-	10"	-	-	-	10"	10"	-	-	-	-





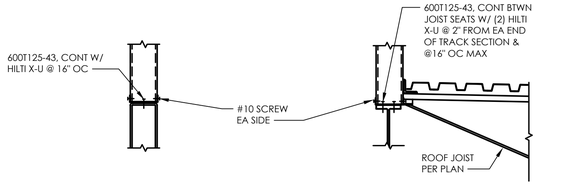
NOTES:
1. COL SIZE & SHAPE PER COLUMN SCHEDULE
2. BASE PLS ARE LABELED ON SCHEDULE AS T x L x W
3. ANCHOR ROD EMBEDMENT IS FROM T.O. CONC TO T.O. EMBEDDED WASHER AS SHOWN

Typical Column Base Details (D1)
NO SCALE



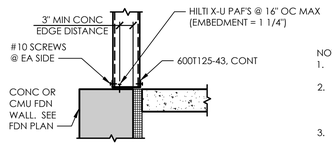
Std Top Track

Deflection Track



Bot Track @ Steel

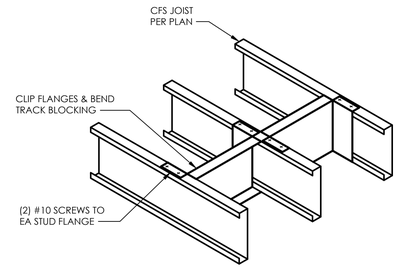
Bot Track @ Joist Bearing



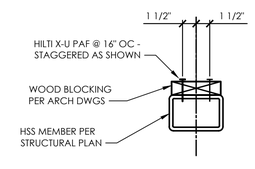
Bot Track @ Foundation

NOTES:
1. TYP STUD FRAMING: 600S162-43 STUDS @ 16" OC, TYP & AS NOTED ON PLAN OR SECTION.
2. STUD BRIDGING REQUIRED @ 4'-0" OC IN STUD WALLS, EXCEPT WHERE EA STUD FLANGE IS CONTINUOUSLY FASTENED TO STRUCTURAL SHEATHING OR GYPSUM BOARD.
3. STRUCTURAL STEEL SECTIONS MAY BE DIFFERENT THAN SHOWN.
4. TYP TRACK: 1 1/4" FLANGE, MATCH STUD GA & DEPTH. ATTACH TRACK FLANGES TO EA STUD FLANGE W/ #10 SCREW.
5. SEE ARCH FOR INTERIOR CFS REQTS.

Typical CFS Framing Details (C1)
SCALE: 3/4" = 1'-0"

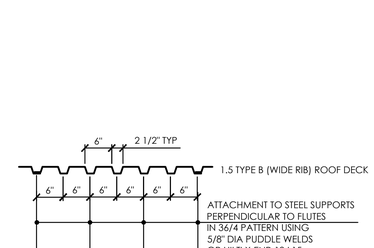


Typical CFS Blocking Detail (B2)
SCALE: 1 1/2" = 1'-0"



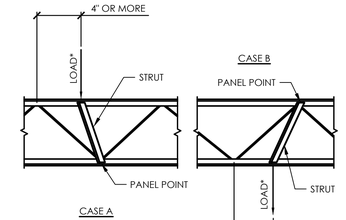
SEE ARCH DWGS FOR USE OF THIS DETAIL

Typical Wood Blocking Attachment Detail (B1)
SCALE: 1 1/2" = 1'-0"



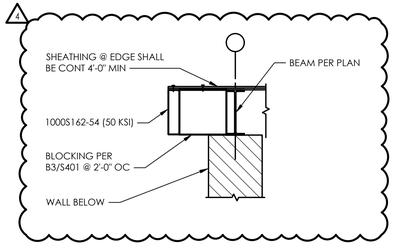
ATTACHMENT TO STEEL SUPPORTS PARALLEL TO FLUTES @ 12" OC USING 5/8" PUDDLE WELD OR HILTI X-ENP-19 L15

Typical Roof Deck Fastening Detail (B3)
NO SCALE

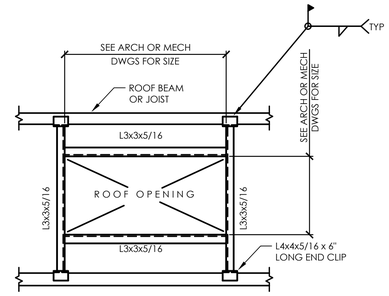


WHEN A CONCENTRATED LOAD EQUAL TO 100 LBS OR GREATER OCCURS 4" OR MORE FROM A PANEL POINT, A FIELD-WELDED STRUT COMPOSED OF 2-L2x2x3/16 SHALL BE ADDED FROM THE POINT OF LOAD APPLICATION TO THE NEAREST PANEL POINT ON THE OPPOSITE CHORD.

Typ Joist Reinforcement @ Concentrated Loads (A3)
NO SCALE



Section (A2)
SCALE: 3/4" = 1'-0"



1. THIS DETAIL APPLIES TO ALL ROOF OPENINGS GREATER THAN 10" x 10".
2. STRUCTURAL PLANS DO NOT SHOW THE FULL EXTENT OF ALL ROOF OPENINGS (NUMBER, SIZES & LOCATIONS). SEE ARCH DWGS &/OR MECH DWGS FOR SIZE & LOCATION OF ALL ROOF OPENINGS. GC TO COORD EXACT SIZES & LOCATIONS W/ UNIT MFR.
3. PROVIDE 14 GA GALVANIZED STEEL SUMP PANS WHERE REQUIRED @ ROOF DRAINS (SEE ARCH DWGS FOR ROOF DRAIN DETAILS & LOCATIONS).
4. WHERE OPENINGS ARE 10" x 10" OR LESS, PROVIDE A 24" x 24" x 16 GA PL, TACK WELDED TO T.O. DECK, CENTERED ON OPENING.
5. REFERENCE A3/S401 FOR TYPICAL JOIST REINFORCEMENT BELOW RTUS.

Typical Detail At Roof Openings (A1)
NO SCALE

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DRAWN BY: CWG

REVIEWED BY: LSW

Seal

STATE OF MISSOURI
ELIAS JOHANNSSON
NUMBER PE-2010009866
PROFESSIONAL ENGINEER
10/04/19

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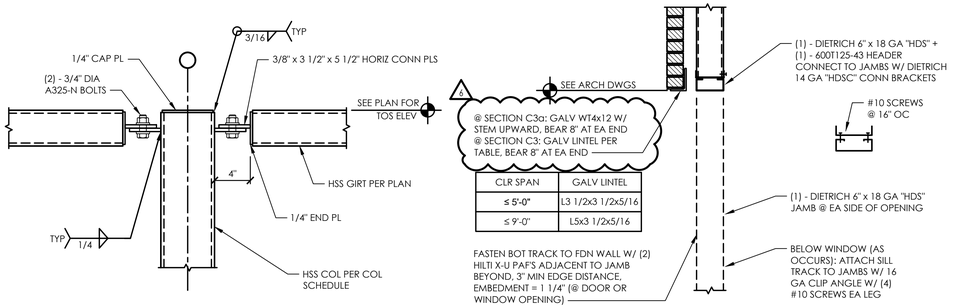
(630) 879-8132 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64063
JACKSON COUNTY
Project Name & Location:

Steel Framing Sections & Details
Drawing Name:

Date: 06/25/19
Project No. 1813308
Type:RHRDV7ER
Scale: As Noted
Drawing No. S-401

PLOTTED: 10/3/2019 2:00 PM



Typical HSS Girt Connection Detail

D3

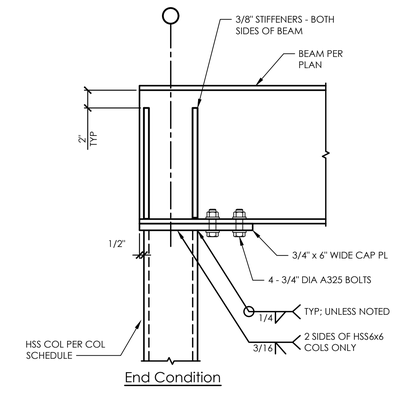
SCALE: 1-1/2" = 1'-0"

CLR SPAN	GALV LINTEL
≤ 5'-0"	L3 1/2x3 1/2x5/16
≤ 9'-0"	L5x3 1/2x5/16

Section @ Door, Window, or Scupper

C3 C3a

SCALE: 3/4" = 1'-0"

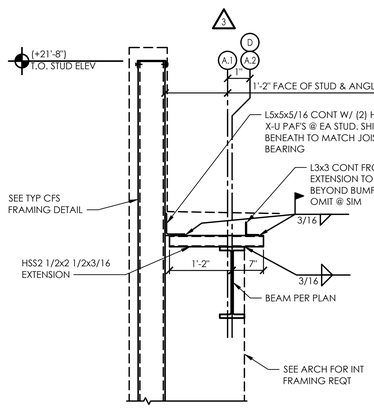


End Condition

Beam Support @ Column Detail

D2

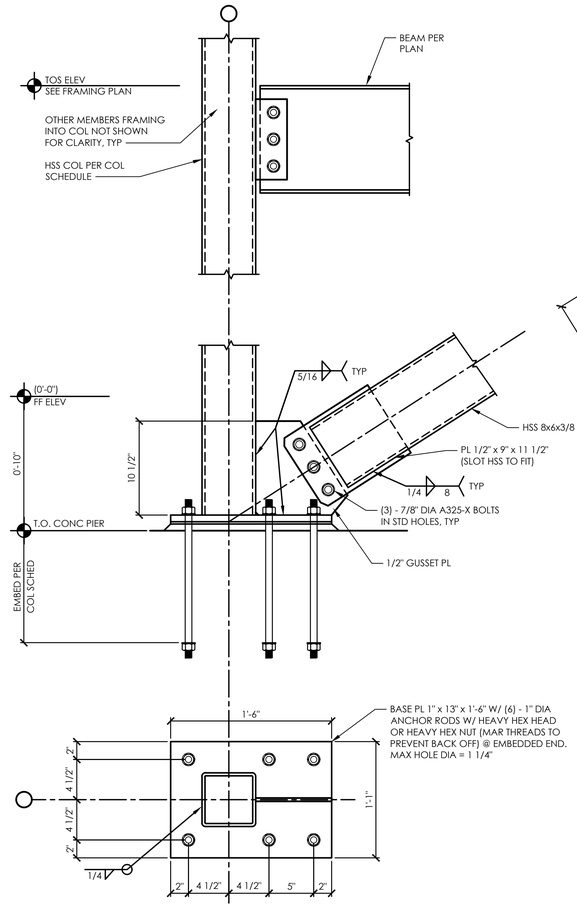
SCALE: 1-1/2" = 1'-0"



Framing Detail @ Ends of Facade Bump-out

C2

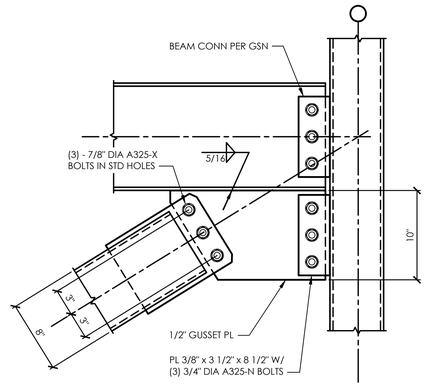
SCALE: 3/4" = 1'-0"

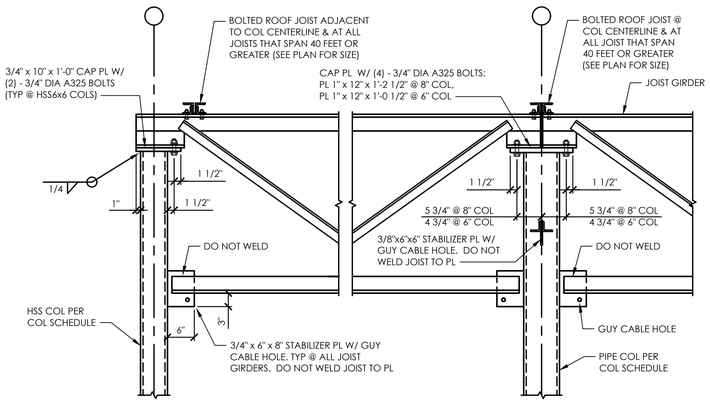


Braced Bay Elevation & Detail

A2

SCALE: 1-1/2" = 1'-0"

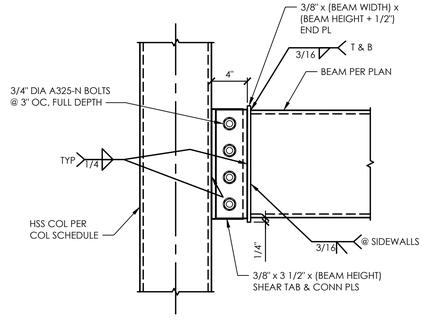




Typical Joist Girder Support Details

D1

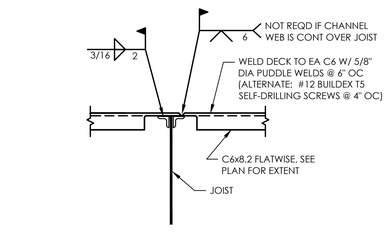
SCALE: 3/4" = 1'-0"



Typical HSS Header Connection Detail

C1

SCALE: 1-1/2" = 1'-0"



Detail

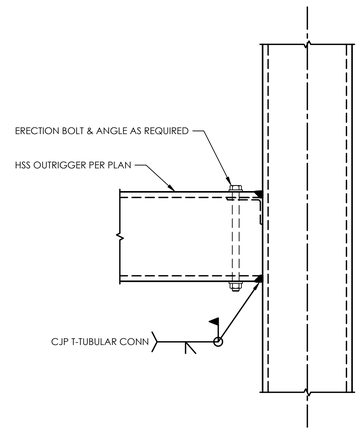
B2

SCALE: 1 1/2" = 1'-0"

Detail

B1

SCALE: 3/4" = 1'-0"



HSS Outrigger Connection Detail

A1

SCALE: 1-1/2" = 1'-0"

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DRAWN BY: CWG

REVIEWED BY: LSW

Seal

STATE OF MISSOURI
ELIAS JOHANNSSON
NUMBER PE-2010009866
PROFESSIONAL ENGINEER
11/25/19

ALDI Inc.
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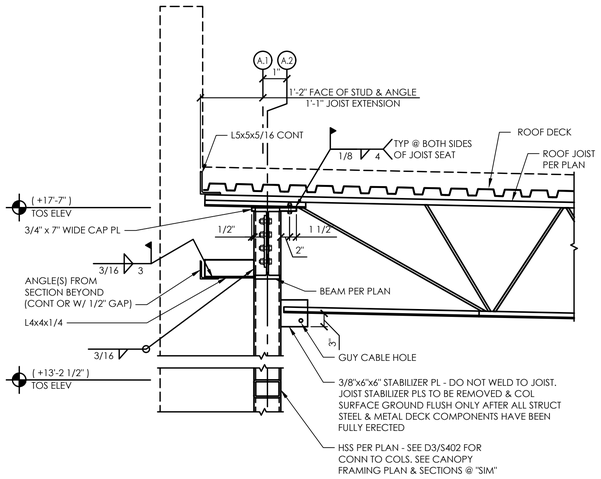
ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

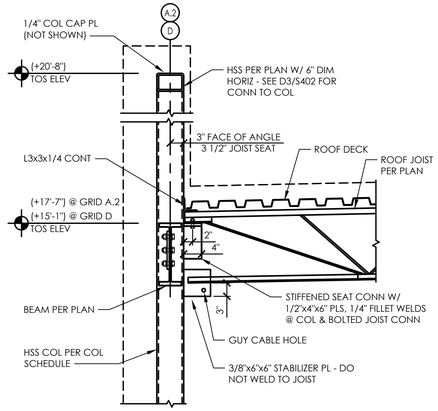
Steel Framing Sections & Details
Drawing Name:

Date: 06/25/19
Project No. 1813308
Type:RHRDV7ER
Scale: As Noted
Drawing No. S-402

PLOTTED: 11/25/2019 1:35 PM



C3 Section
SCALE: 3/4" = 1'-0"



B3 Section
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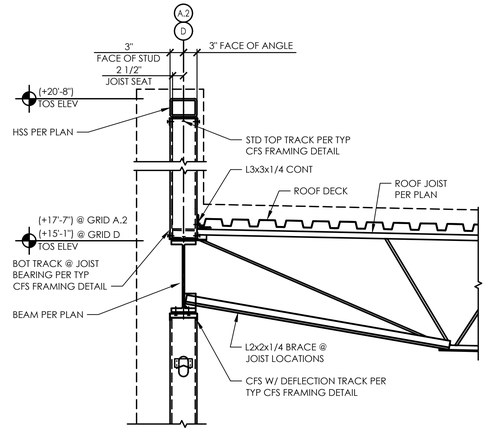
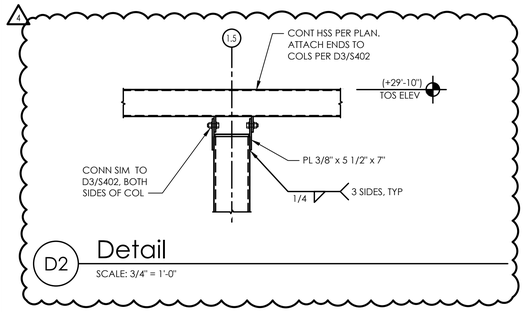
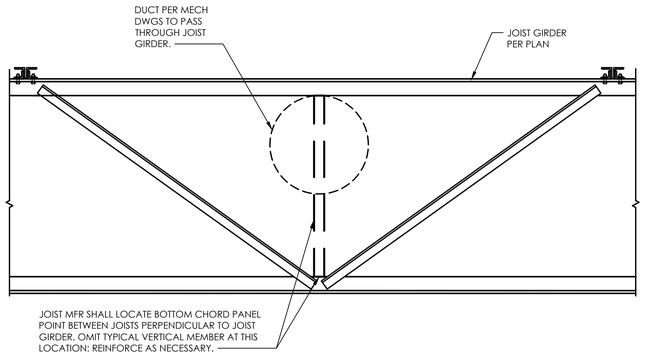


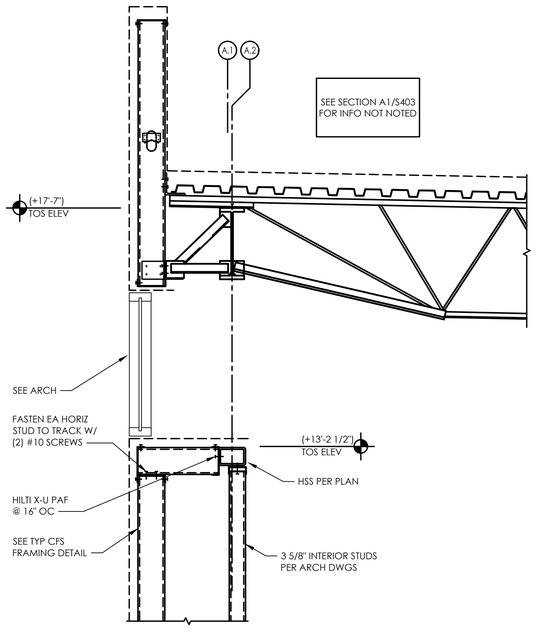
A3 Section
SCALE: 3/4" = 1'-0"



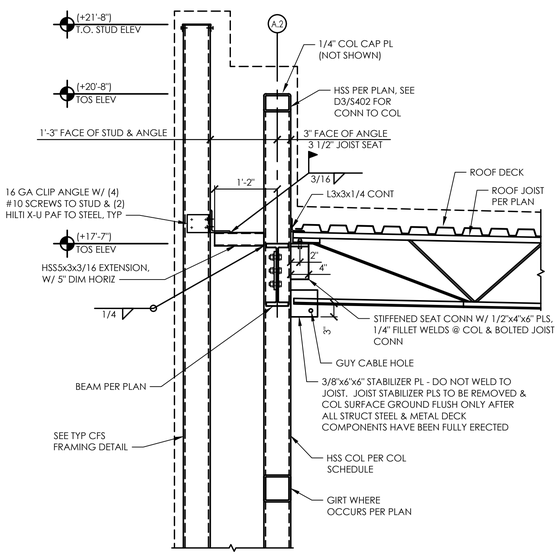
D2 Detail
SCALE: 3/4" = 1'-0"



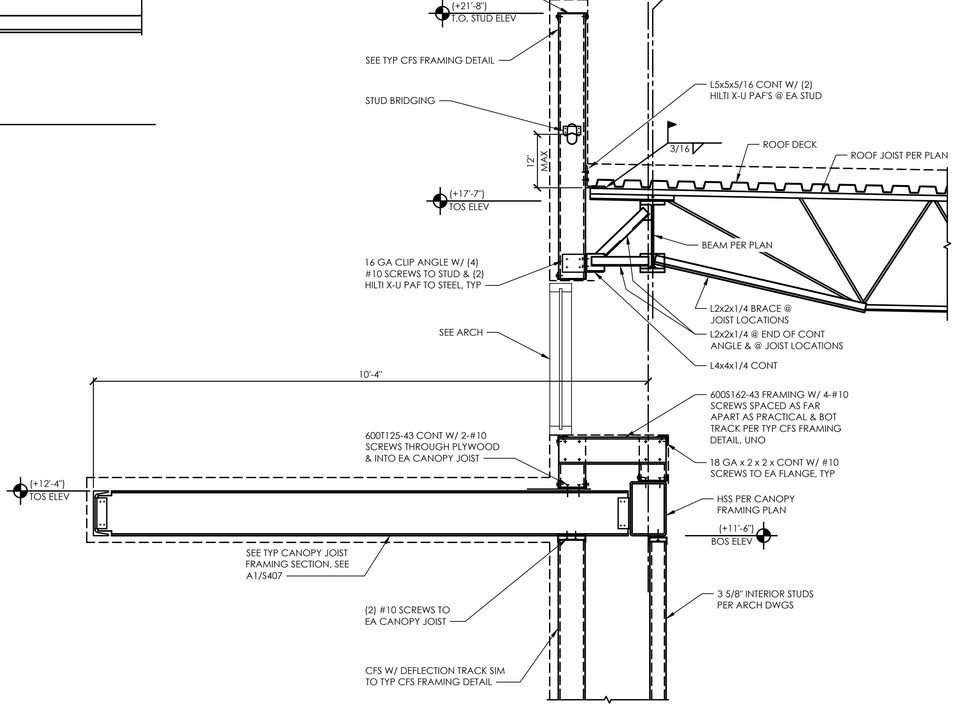
C2 Section
SCALE: 3/4" = 1'-0"



D1 Bump Out @ Window
SCALE: 3/4" = 1'-0"



C1 Framing @ Ends of Facade Bump-out
SCALE: 3/4" = 1'-0"



A1 Section
SCALE: 3/4" = 1'-0"

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4	ADD 4	10/04/19
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DRAWN BY: CWG

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Seal

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JACKSON COUNTY
Project Name & Location:

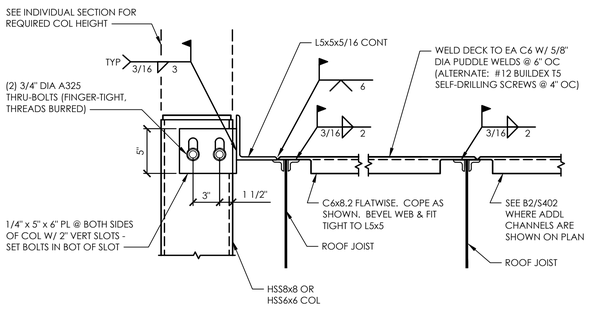
Steel Framing Sections & Details
Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Scale: As Noted

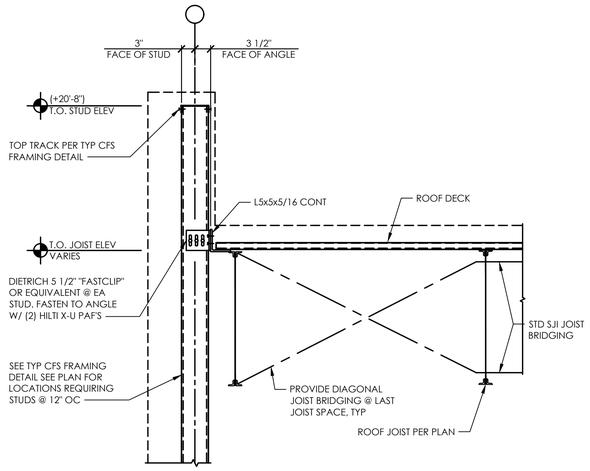
Project No. 1813308

S-403
Drawing No.

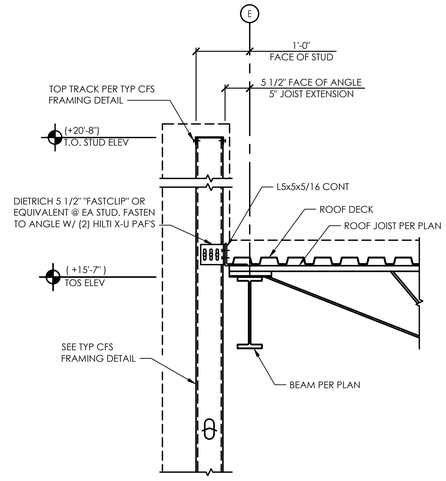
PLOTTED: 10/3/2019 2:00 PM



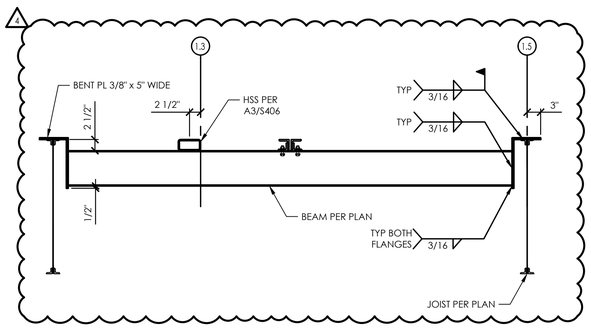
D3 **Detail**
SCALE: 1 1/2" = 1'-0"



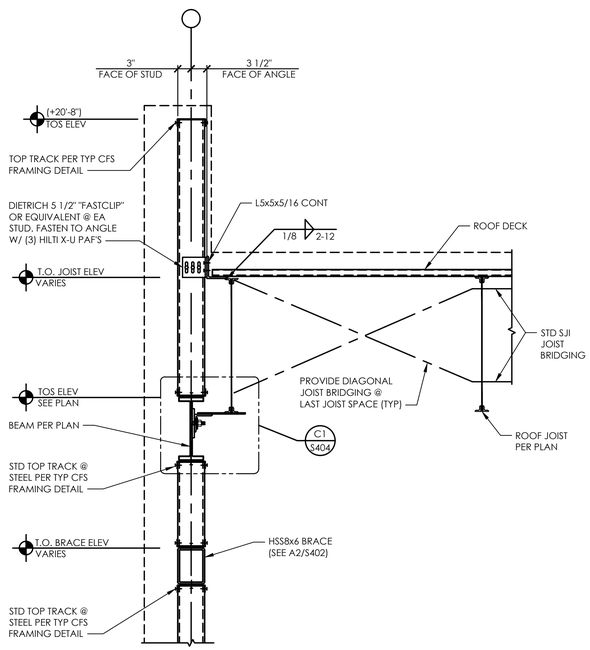
B3 **Section**
SCALE: 3/4" = 1'-0"



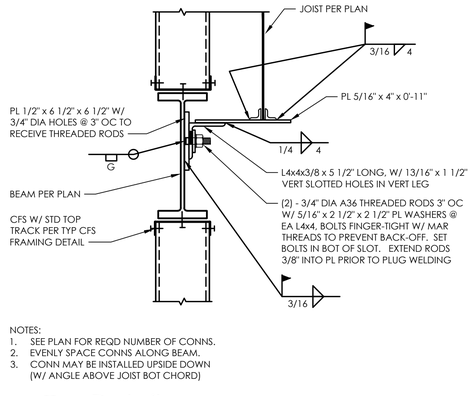
A3 **Section**
SCALE: 3/4" = 1'-0"



C2 **Detail**
SCALE: 3/4" = 1'-0"

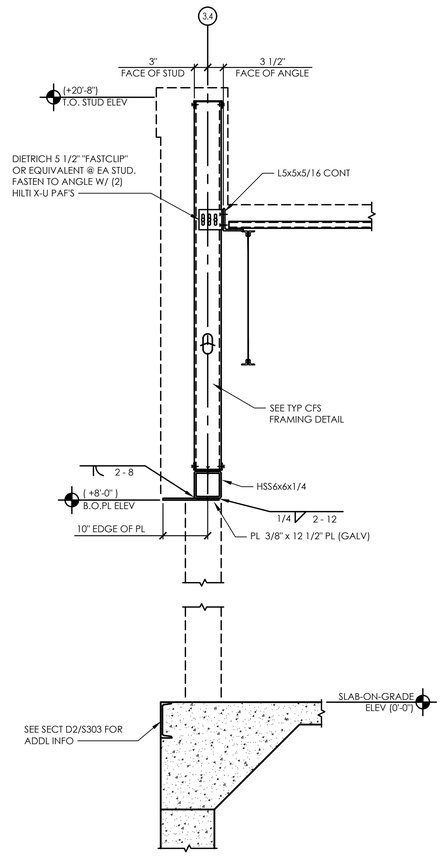


D1 **Section**
SCALE: 3/4" = 1'-0"

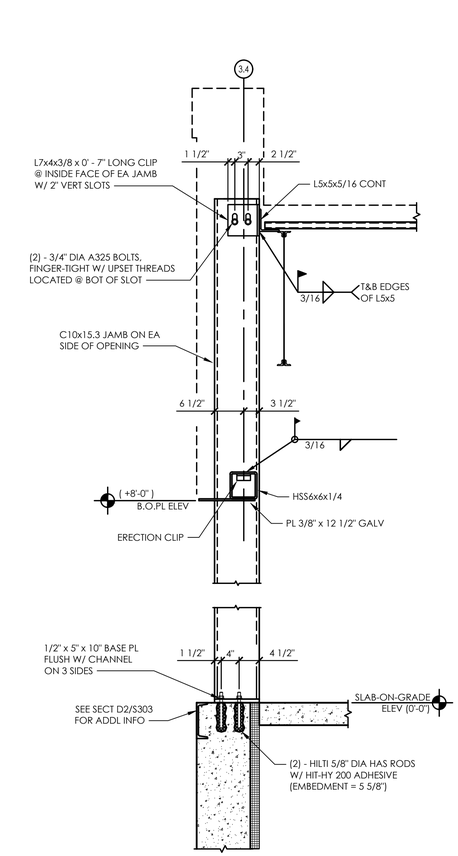


NOTES:
1. SEE PLAN FOR REQD NUMBER OF CONNS.
2. EVENLY SPACE CONNS ALONG BEAM.
3. CONN MAY BE INSTALLED UPSIDE DOWN (W/ ANGLE ABOVE JOIST BOT CHORD)

C1 **Detail**
SCALE: 1 1/2" = 1'-0"



SECTION BTWN JAMBS



SECTION @ JAMBS

A1 **Section**
SCALE: 3/4" = 1'-0"

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
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918.5181124

DRAWN BY: CWG

REVIEWED BY: LSW

Seal

STATE OF MISSOURI
ELIAS JOHANNSSON
NUMBER PE-2010009866
PROFESSIONAL ENGINEER
10/04/19

ALDI Inc.
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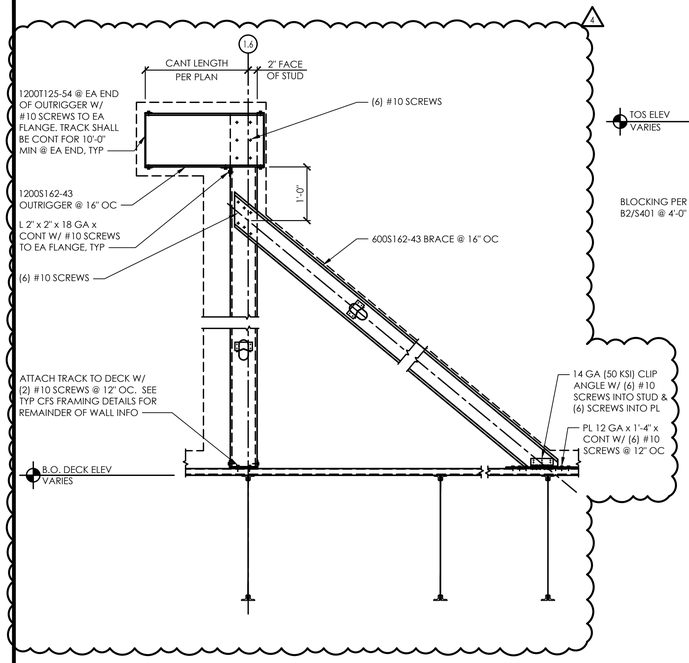
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64063
JACKSON COUNTY
Project Name & Location:

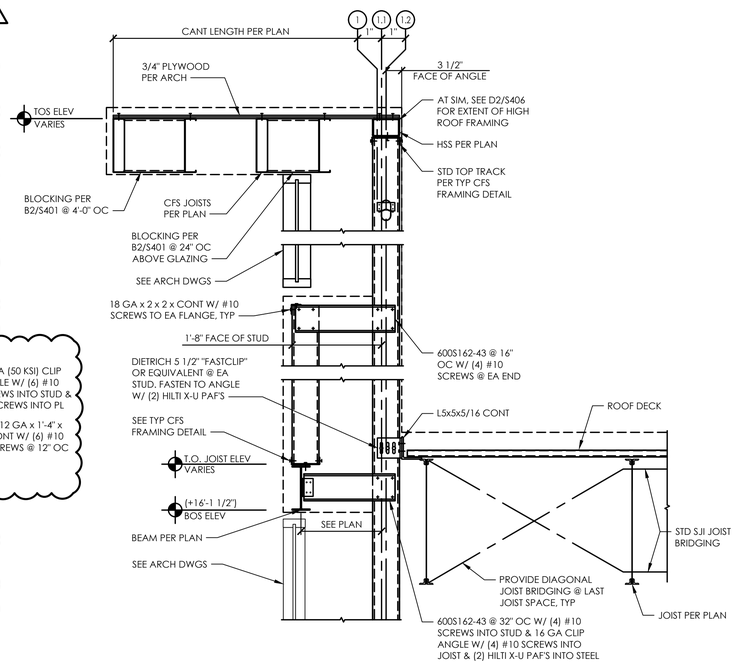
Steel Framing Sections & Details
Drawing Name:

Date: 06/25/19
Project No. 1813308
Type: RHRDV7ER
Scale: As Noted
S-404
Drawing No.

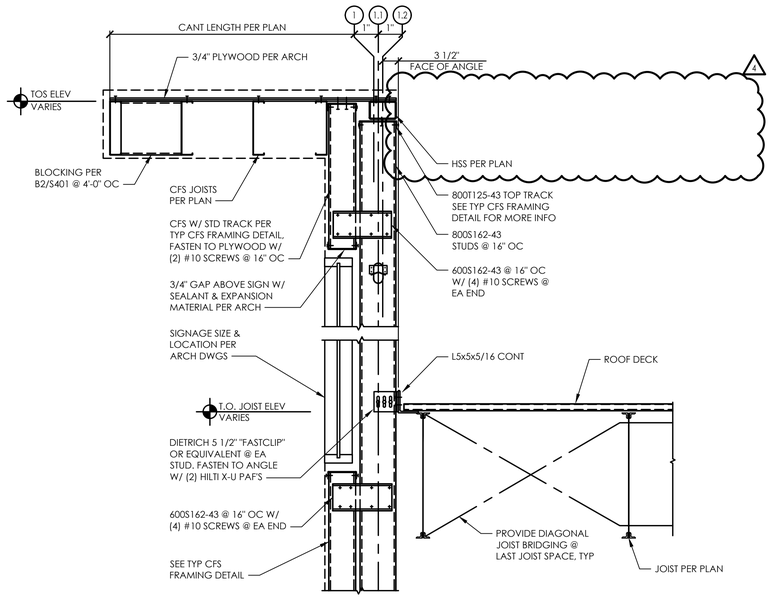
PLOTTED: 10/3/2019 2:00 PM



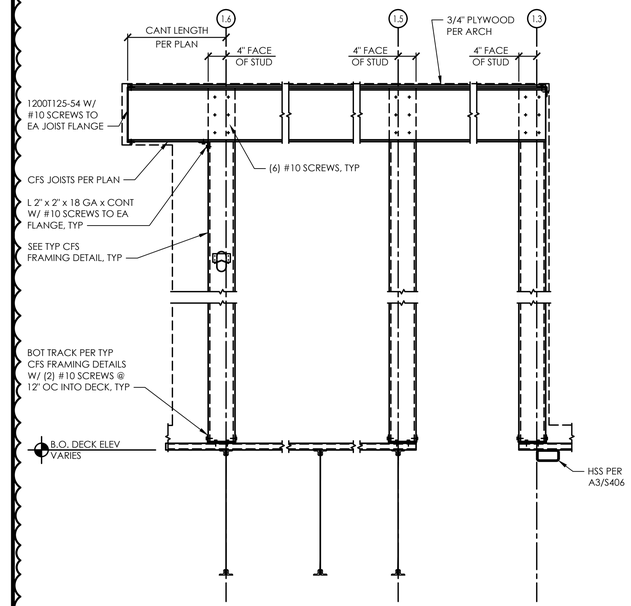
D3 Section
SCALE: 3/4" = 1'-0"



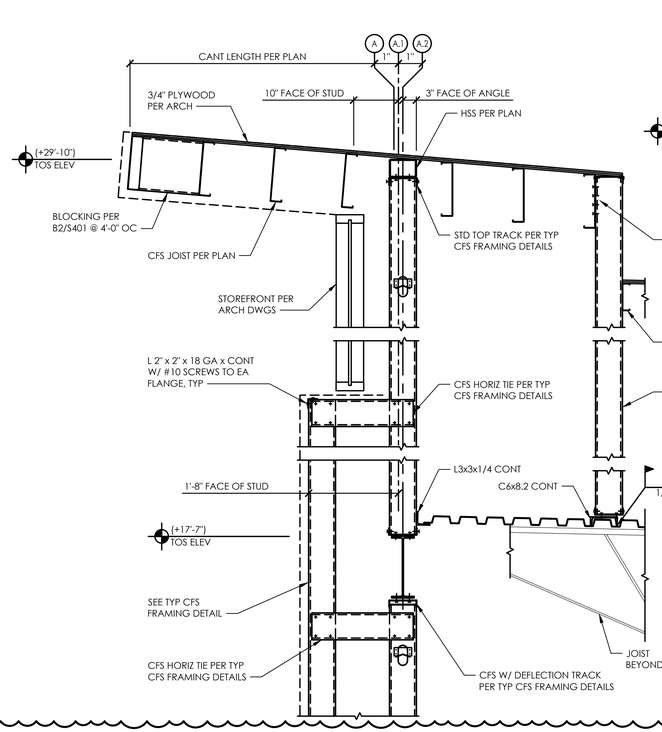
C3 Section
SCALE: 3/4" = 1'-0"



A3 Section
SCALE: 3/4" = 1'-0"



D1 Section
SCALE: 3/4" = 1'-0"



C1 Section
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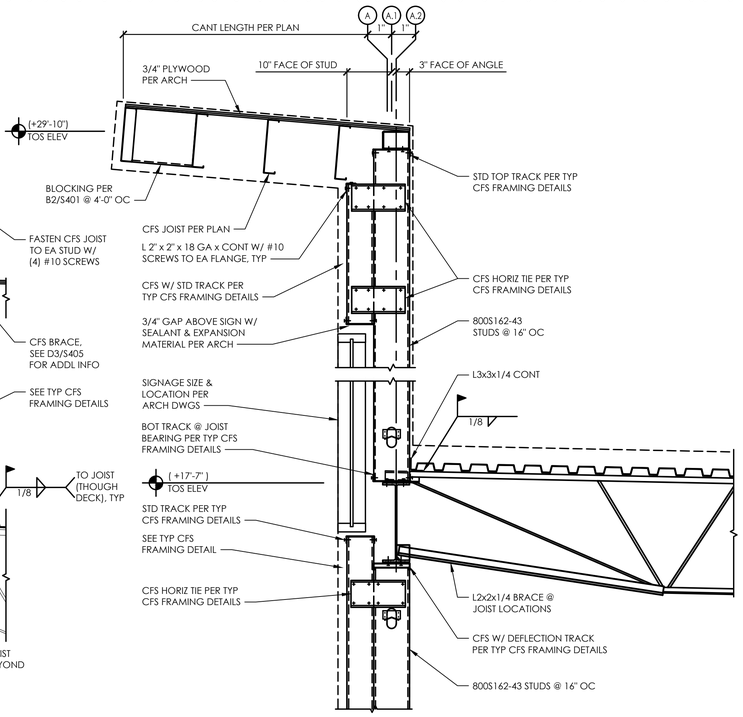

A1 Section
SCALE: 3/4" = 1'-0"

PLOTTED: 10/3/2019 2:01 PM

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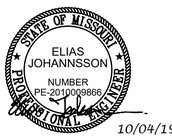

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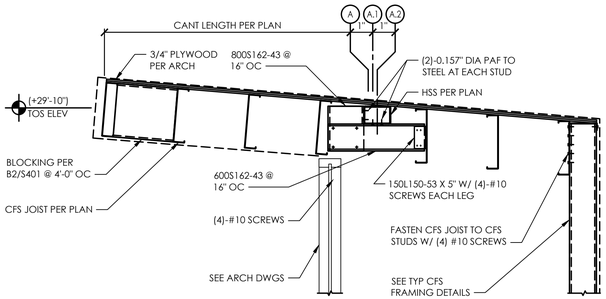
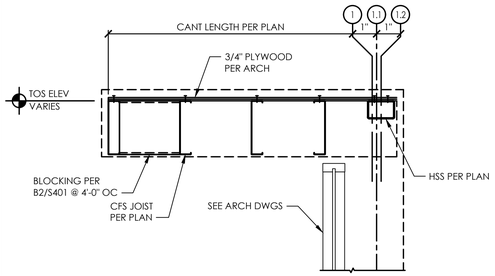
LEE'S SUMMIT, MO 64063
JACKSON COUNTY
Project Name & Location:

Steel Framing Sections & Details
Drawing Name:

Date: 06/25/19
Project No. 1813308
Type:RHRDV7ER
Scale: As Noted
S-405
Drawing No.



D3 Section
SCALE: 3/4" = 1'-0"



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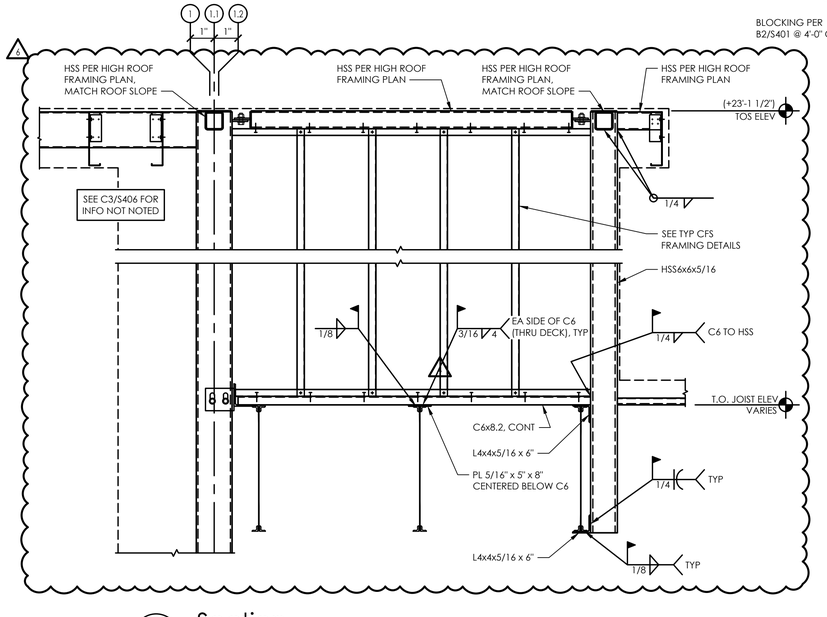
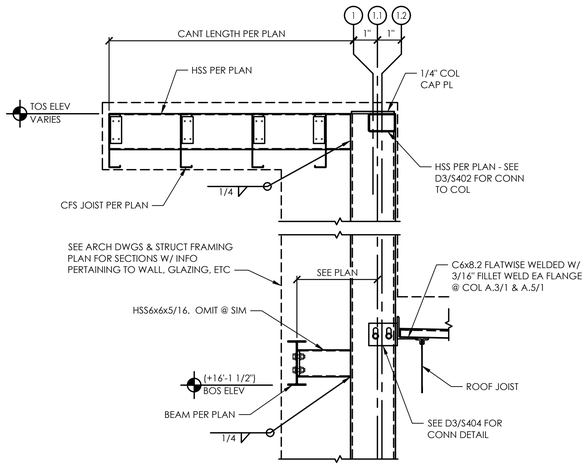
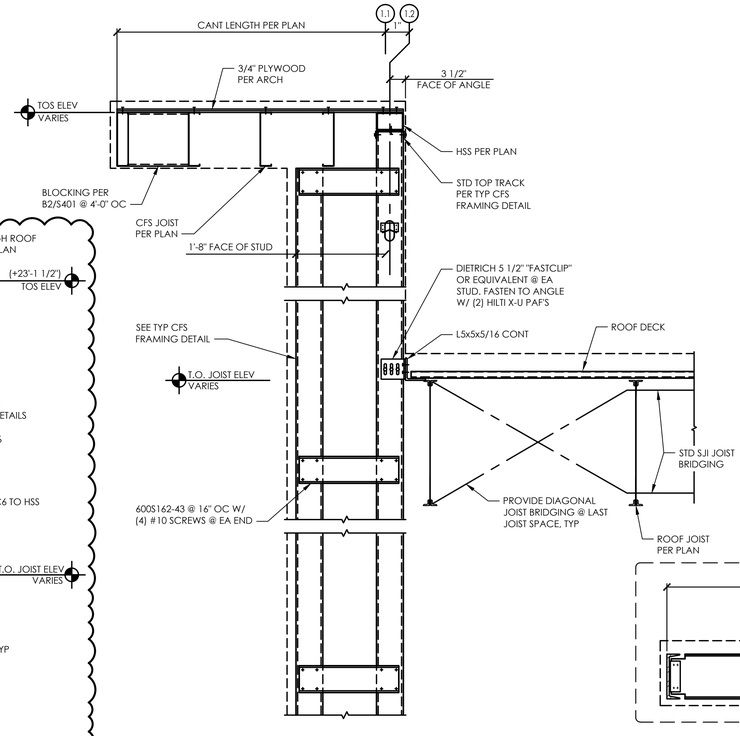


D1 Section
SCALE: 3/4" = 1'-0"



C3 Section
SCALE: 3/4" = 1'-0"



C1 Section
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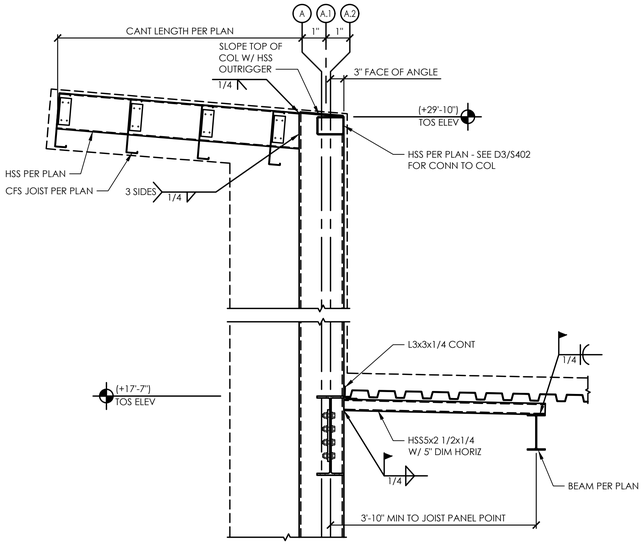
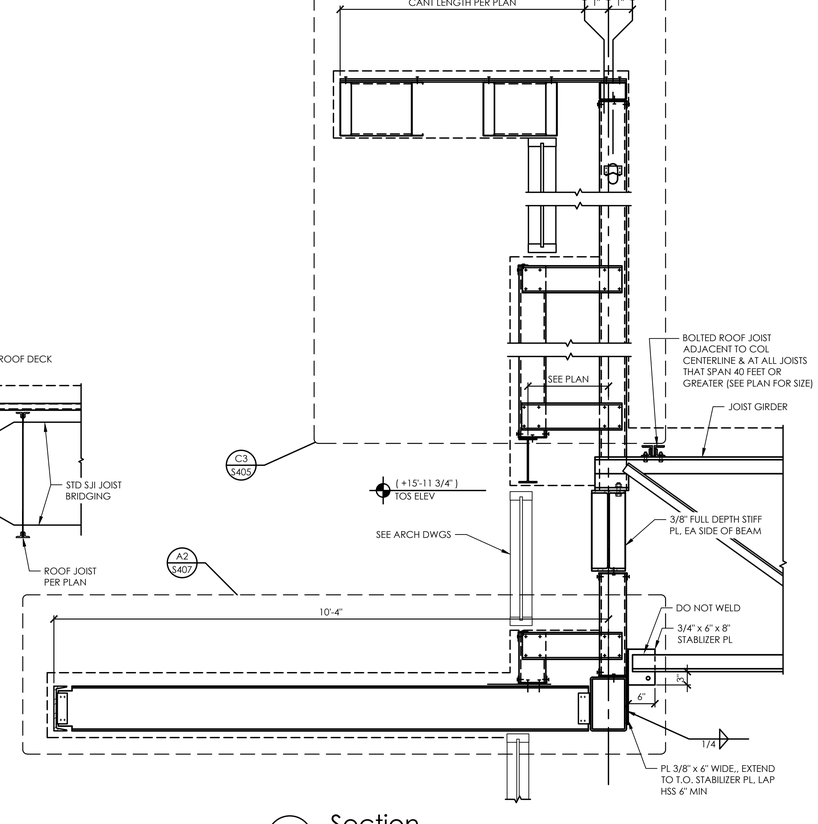


A3 Section
SCALE: 3/4" = 1'-0"



A1 Section
SCALE: 3/4" = 1'-0"

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DRAWN BY: CWG

REVIEWED BY: LSW

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ELIAS JOHANNSSON
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PROFESSIONAL ENGINEER
11/25/19

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LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

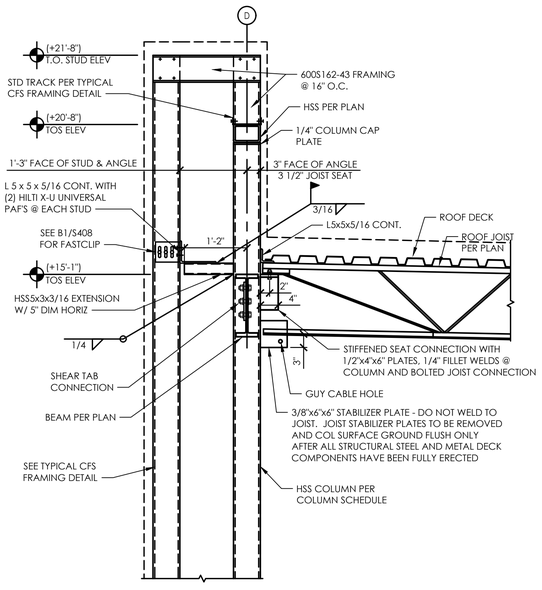
Steel Framing Sections & Details
Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Scale: As Noted

Project No. 1813308

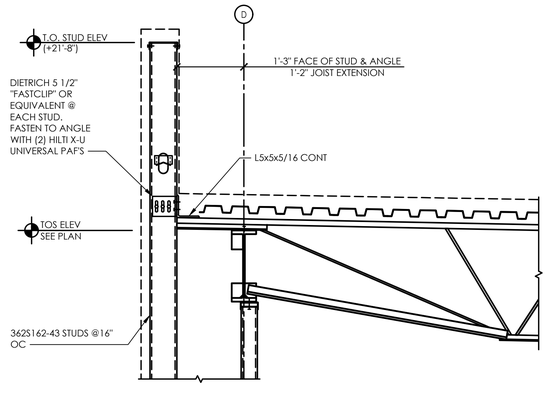
S-406
Drawing No.

PLOTTED: 11/25/2019 1:36 PM



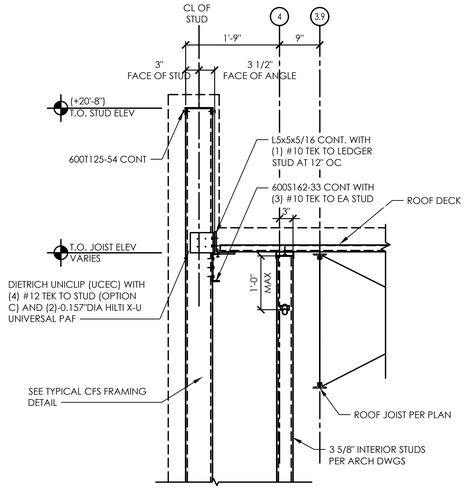
D1 Section

SCALE: 3/4" = 1'-0"



B1 Bump Out

SCALE: 3/4" = 1'-0"



A1 Section

SCALE: 3/4" = 1'-0"

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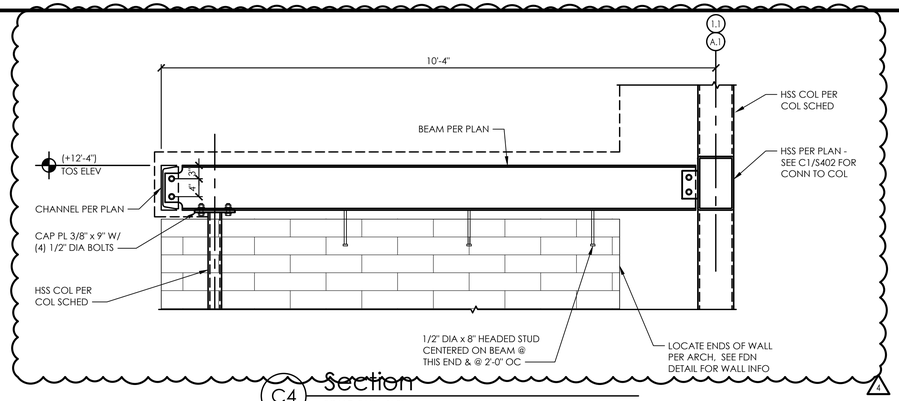
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64063
JACKSON COUNTY
Project Name & Location:

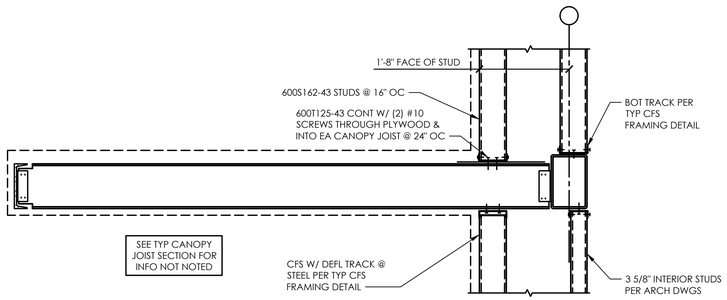
Steel Framing Sections & Details
Drawing Name:

Date: 06/25/19
Project No. 1813308
Type: RHRDV7ER
Scale: As Noted
S-408
Drawing No.

PLOTTED: 8/16/2019 4:56 PM



C4 Section
SCALE: 3/4" = 1'-0"



A4 Section
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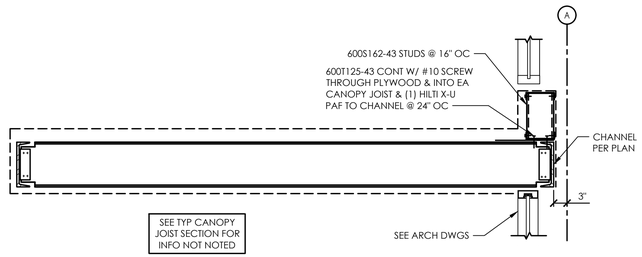

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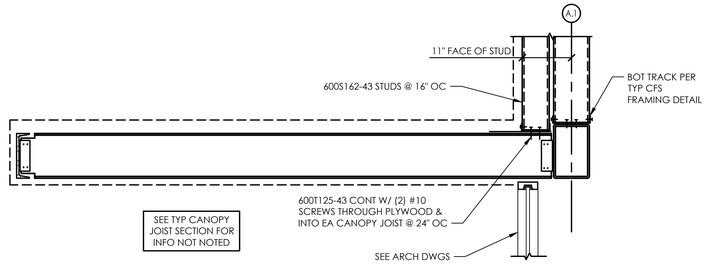
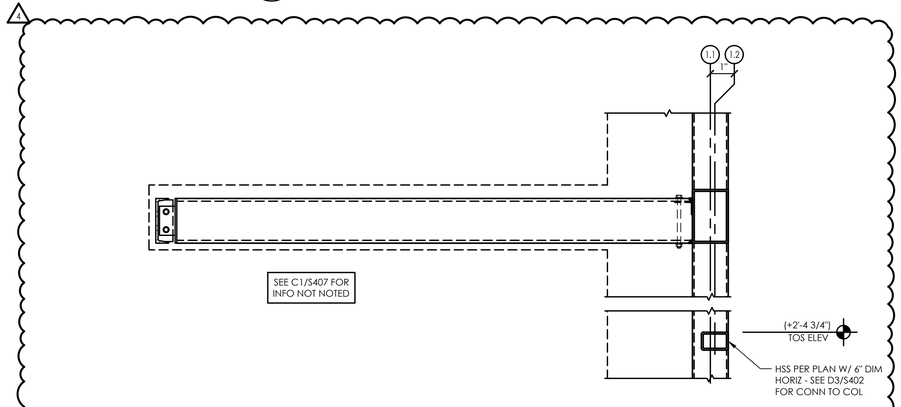
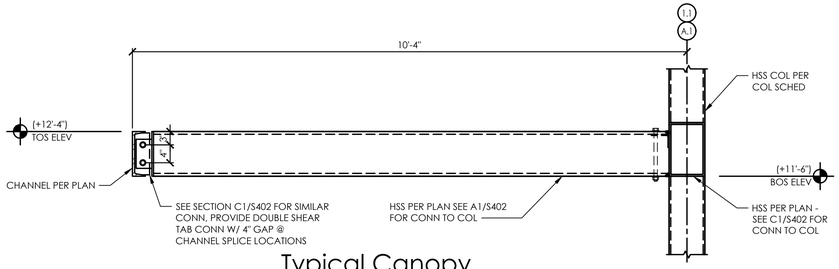


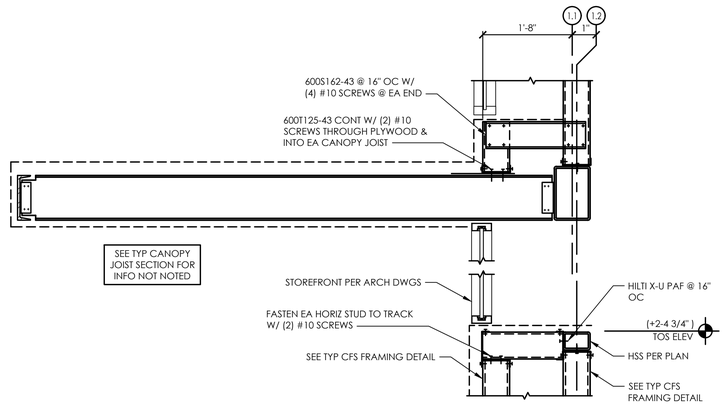
A3 Section
SCALE: 3/4" = 1'-0"



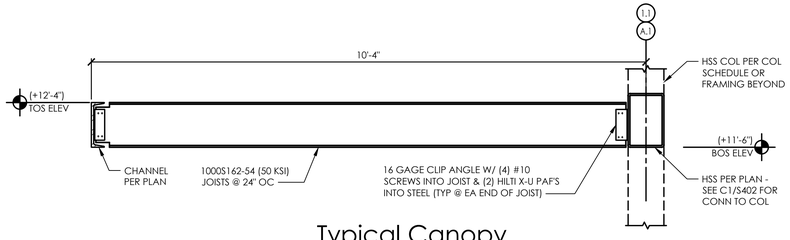
C2 Section
SCALE: 3/4" = 1'-0"



Typical Canopy
Structural Steel Section
C1
SCALE: 3/4" = 1'-0"



A2 Section
SCALE: 3/4" = 1'-0"



Typical Canopy
Joist Framing Section
A1
SCALE: 3/4" = 1'-0"

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DRAWN BY:
CWG

REVIEWED BY:
LSW

Seal

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NUMBER PE-2010009866
PROFESSIONAL ENGINEER
10/04/19

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560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64063
JACKSON COUNTY
Project Name & Location:

Steel Framing
Sections & Details
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Scale: As Noted

Project No.
1813308

S-407
Drawing No.

PLOTTED: 10/3/2019 2:01 PM

ABBREVIATIONS

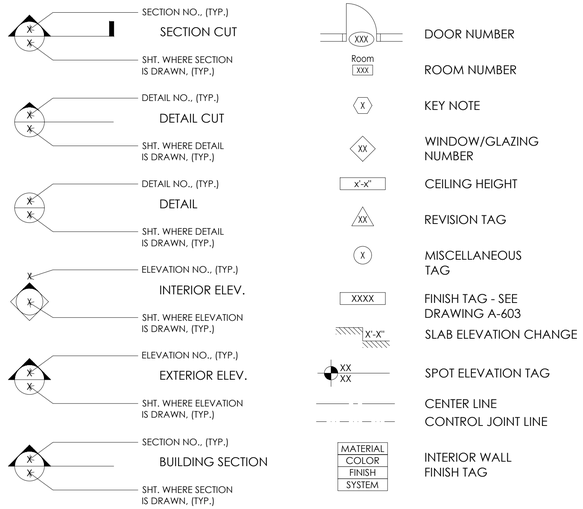
AB	ANCHOR BOLT
ACOUST	ACOUSTICAL
AFF	ABOVE FINISHED FLOOR
A/C	AIR CONDITIONING
ACT	ACOUSTICAL CEILING TILE
ADD	ADDITION
ADJ	ADJACENT, ADJUSTABLE
AHU	AIR HANDLING UNIT
ALUM (N)	ALUMINUM
ANOD	ANODIZED
APPROX	APPROXIMATE(LY)
ARCH	ARCHITECT(URAL)
BRG	BEARING
BD	BOARD
BLDG	BUILDING
BLK (G)	BLOCK (ING)
BOT/BTM	BOTTOM
CAB	CABINET
CAP	CAPACITY
CAT	CATALOG
CD	CEILING DIFFUSER
CEM	CEMENT
CER	CERAMIC
CFM	CUBIC FEET PER MINUTE
CG	CORNER GUARD
CJ	CONTROL JOINT
CKT	CIRCUIT
℄	CENTER LINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONT	CONTINUOUS
COORD	COORDINATE, COORDINATED
CORR	CORRIDOR
CPT	CARPET
CRS	COURSES
CT	CERAMIC TILE
DBL	DOUBLE
DEMO	DEMOLITION
DES	DESIGNATION
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA OR Ø	DIAMETER
DIM	DIMENSION
DISP	DISPENSER
DN	DOWN
DO	DITTO (DO OVER)
DR	DOOR
DS	DOWNSPOUT
DWG	DRAWING
E	EAST
EA	EACH
EC	ELECTRICAL CONTRACTOR
EF	EACH FACE/ EPOXY FLOOR
EJ	EXPANSION JOINT
EL	REFERENCE ELEVATION
ELEC (T)	ELECTRIC(AL)
ELEV	ELEVATION, ELEVATOR
ENG	ENGINEER(ING)
ENLG	ENLARGED
EPS	EXTRUDED POLYSTYRENE
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXP	EXPOSED, EXPANSION
EXT	EXTERIOR, EXTERNAL
ETR	EXISTING TO REMAIN
EW	EACH WAY

F	DEGREE FAHRENHEIT
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FFE	FINISHED FLOOR ELEVATION
FIN	FINISH
FIX	FIXTURE
FL (R)	FLOOR (ING)
FLASH	FLASHING
FLUOR	FLUORESCENT
FOUND, FNDN	FOUNDATION
F.R.T.	FIRE RETARDANT TREATED
FTG	FOOTING
FT	FOOT, FEET
FUR	FURRING
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GD	GRADE, GRADING
GL	GLASS, GLAZING
GND	GROUND
GPM	GALLONS PER MINUTE
GWB, GYP BD	GYPSUM WALL BOARD
HD	HUB DRAIN
HDWR	HARDWARE
HDWD	HARDWOOD
HGT	HEIGHT
HM	HOLLOW METAL
HORIZ	HORIZONTAL (LY)
HP	HORSEPOWER
HR	HOUR
HV(AC)	HEATING/VENTILATING/ (AIR CONDITIONING)
HW	HOT WATER
ID	INSIDE DIAMETER
IN	INCHES
INCAN	INCANDESCENT
INSUL	INSULATED, INSULATION
INT	INTERIOR
INV	INVERT
JAN	JANITOR
J-BOX	JUNCTION BOX
JST	JOIST
JT	JOINT
K.D.	KNOCK DOWN
KIT	KITCHEN
K.P.	KICK PLATE
KWH	KILOWATT HOUR
LAM	LAMINATE
LAV	LAVATORY
LB (S)	POUND (S)
LG	LONG
MAS	MASONRY
MATL.	MATERIAL
MAX	MAXIMUM
MDF	MODIFIED DENSITY FIBERBOARD
MEZZ	MEZZANINE
MECH	MECHANICAL
MTL.	METAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MLDG	MOLDING
MO	MASONRY OPENING
MR	MOISTURE RESISTANT
MTD	MOUNTED

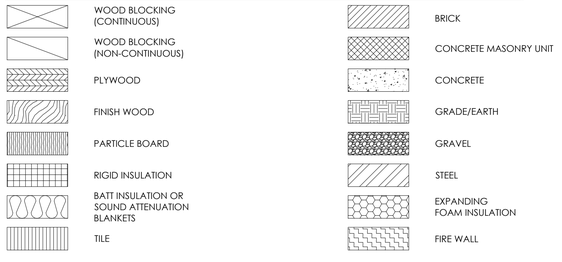
N	NORTH
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OPG	OPENING
OPP	OPPOSITE
ORIG	ORIGINAL
OZ	OUNCE
PART	PARTITION
PBD	PARTICLE BOARD
PCT	PORCELAIN CERAMIC TILE
PERF	PERFORATED
PF	PREFINISHED
PLAM	PLASTIC LAMINATE
PLUMB	PLUMBING
PLYWD	PLYWOOD
PR	PAIR
PREFAB	PREFABRICATED
PREP	PREPARE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PAINT(ED), PRESSURE TREATED
PTD	PAINTED
PL	PLATE / PROPERTY LINE
PLAS	PLASTER
PVC	POLY VINYL CHLORIDE
QTY	QUANTITY
R	RADIUS, RISER, R-VALUE
RA	RETURN AIR
RBR	RUBBER
RC	REFRIGERATION CONTRACTOR
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RE	REFERENCE, REFER TO
REC	RECESSED
REFL	REFLECTED (IVE)
REINF	REINFORCE (ED) (ING)
REQ'D	REQUIRED
REQMT	REQUIREMENT
RES	RESILIENT
RET	RETURN
REV	REVISION, REVISED
RF	RADIO FREQUENCY
RM	ROOM
R.O.	ROUGH OPENING
S	SOUTH
SAPC	SUSPENDED-ACOUSTICAL-PANEL-CEILING
SCHED	SCHEDULE (D)
SCWD	SOLID CORE WOOD
SECT	SECTION
SGFT	STRUCTURAL GLAZED FACING TILE
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATION(S)
SQ	SQUARE
SS	STAINLESS STEEL
ST	STAIN(ED)
STD	STANDARD
STL	STEEL
STOR	STORAGE
SUSP	SUSPENDED
SV	SHEET VINYL
STRUCT	STRUCTURE, STRUCTURAL

T	TREAD
T & G	TONGUE & GROOVE
TBD	TO BE DETERMINED
TBR	TO BE REMOVED
TEL	TELEPHONE
TEMP	TEMPERED, TEMPORARY, TEMPERATURE
TERR	TERRAZZO
THK	THICK(NESS)
THR (ESH)	THRESHOLD
TOS	TOP OF STEEL
TOW	TOP OF WALL
TS	TRANSITION STRIP
TYP	TYPICAL
UC	UNDER CUT
UH	UNIT HEATER
UL	UNDERWRITER'S LABORATORY
UNF	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
VAR	VARNISH
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
VENT	VENTILATION / VENTILATOR
VERT	VERTICAL(LY)
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VIN	VINYL
VWC	VINYL WALL COVERING
W	WEST
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET, WATER COOLER
WD	WOOD
WG	WALL GUARD
WT	WEIGHT
WWF	WELDED WIRE FABRIC

GENERAL SYMBOLS



MATERIAL INDICATION



GENERAL CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL CONFORM TO THE CODES LISTED ON G-002:
   A. THE CODES, RULES, AND REGULATIONS OF THE STATE IN WHICH THE WORK IS BEING PERFORMED.
   B. NFPA REQUIREMENTS AS WELL AS TO STANDARDS OF UNDERWRITERS LABORATORIES INC., AND LOCAL UTILITY CO.
   C. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL PERMITS AS REQUIRED TO PROVIDE THE NEW CONSTRUCTION.
2. CONTRACTOR SHALL VISIT THE SITE AND EXAMINE EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS. BIDS SHALL INCLUDE PROVISIONS FOR A COMPLETE JOB BASED ON THE DESIGN INTENT SHOWN ON THE DRAWINGS. FIELD VERIFY ALL DIMENSIONS & CONDITIONS PRIOR TO START OF WORK AND REPORT ALL DISCREPANCIES TO THE ARCHITECT / ENGINEER.
3. WHEN COMPARING THE DRAWINGS AND SPECIFICATIONS; THE DRAWINGS GOVERN SPECIFICATIONS FOR QUANTITY AND LOCATION, AND SPECIFICATIONS GOVERN DRAWINGS FOR QUALITY AND PERFORMANCE. IN THE EVENT OF AMBIGUITY IN QUANTITY OR QUALITY, THE GREATER QUANTITY AND SUPERIOR QUALITY SHALL GOVERN.
4. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL COORDINATION AS REQUIRED INCLUDING COORDINATION WITH ANY WORK PROVIDED BY OWNER AND BY OTHERS.
   A. REFER TO HVAC, PLUMBING, & ELECTRICAL DRAWINGS FOR WORK PERFORMED BY THOSE TRADES.
5. THE OWNER SHALL DESIGNATE STAGING AND STORAGE AREAS OF THE SITE FOR USE BY CONTRACTOR DURING CONSTRUCTION. CONTRACTOR SHALL KEEP THE PREMISES AND SURROUNDING AREA FREE FROM ACCUMULATION OF WASTE OF RUBBISH MATERIALS, CONTRACTOR'S TOOLS, CONSTRUCTION EQUIPMENT, MACHINERY, AND SURPLUS MATERIALS.
6. AREAS OF THE SITE AND ANY EXISTING CONSTRUCTION TO REMAIN, AND IF DAMAGED DURING CONSTRUCTION SHALL BE RESTORED TO THE ORIGINAL CONDITION (AT NO ADDITIONAL COST TO THE OWNER.)
7. CONTRACTOR SHALL PROVIDE ALL PROTECTION OF THE WORK THROUGHOUT CONSTRUCTION AS REQUIRED AND PER CODE.
8. PROVIDE A SELF-LEVELING CEMENTITIOUS UNDERLAYMENT WHERE PATCHING COMPOUNDS DO NOT MEET MANUFACTURER REQUIREMENTS FOR SUBSTRATE PREPARATION.
9. PAINTING INCLUDES WALLS, SOFFITS, DOOR FRAMES, HOLLOW METAL DOORS, ALL EXPOSED SURFACES, AND ALL SURFACE MOUNTED ITEMS AS REQUIRED TO PROVIDE A FINISHED PRODUCT.
10. CONTRACTOR TO VERIFY LOCATIONS OF ALL WALL MOUNTED ITEMS AND PROVIDE SOLID BLOCKING FOR MOUNTING.
11. REFER TO FINISH PLANS & NOTES FOR TYPES AND EXTENT OF FINISHES.
12. REFER TO PROJECT MANUAL APPENDIX 'A' FOR ALL ITEMS FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR.
13. REFER TO PROJECT MANUAL APPENDIX 'B' FOR ALL ITEMS PROVIDED BY OWNER.

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
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Revisions:		Date:
1		
2		
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REVIEWED BY: GT
GT

Seal

06/25/2019

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MO# A-007541

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ALDI Inc. Store #: 06
LEE'S SUMMIT
NW WARD RD & NW DONOVAN RD
LEE'S SUMMIT, MO 64063
JACKSON COUNTY
Project Name & Location:

General Notes, Symbols & Abbrev.
Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Drawn By:
Scale: As Noted

Project No.
1813308

A-001
Drawing No.

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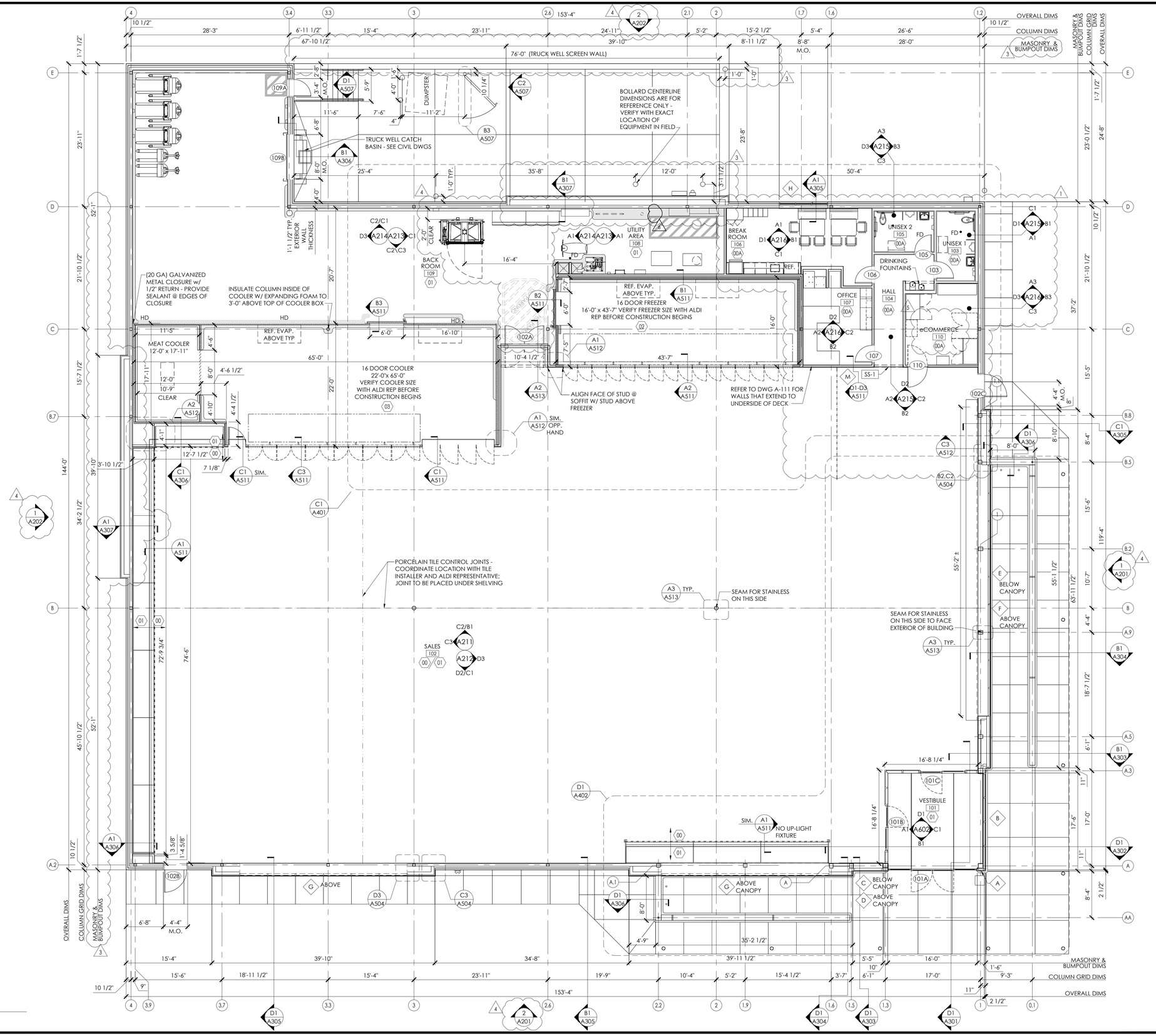

1 Floor Plan

SCALE: 1/8" = 1'-0"

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NORTH

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
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1	Addendum 1	07/12/19
2		
3	Addendum 3	08/19/19
4	ADD 4	10/04/19
5	ADD 5	10/23/19
6	CCD 1	11/25/19
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DRAWN BY: ER

REVIEWED BY: GT

GT

Seal

11/26/2019

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ALDI Inc. Store #: 06
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560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Floor Plan

Drawing Name:

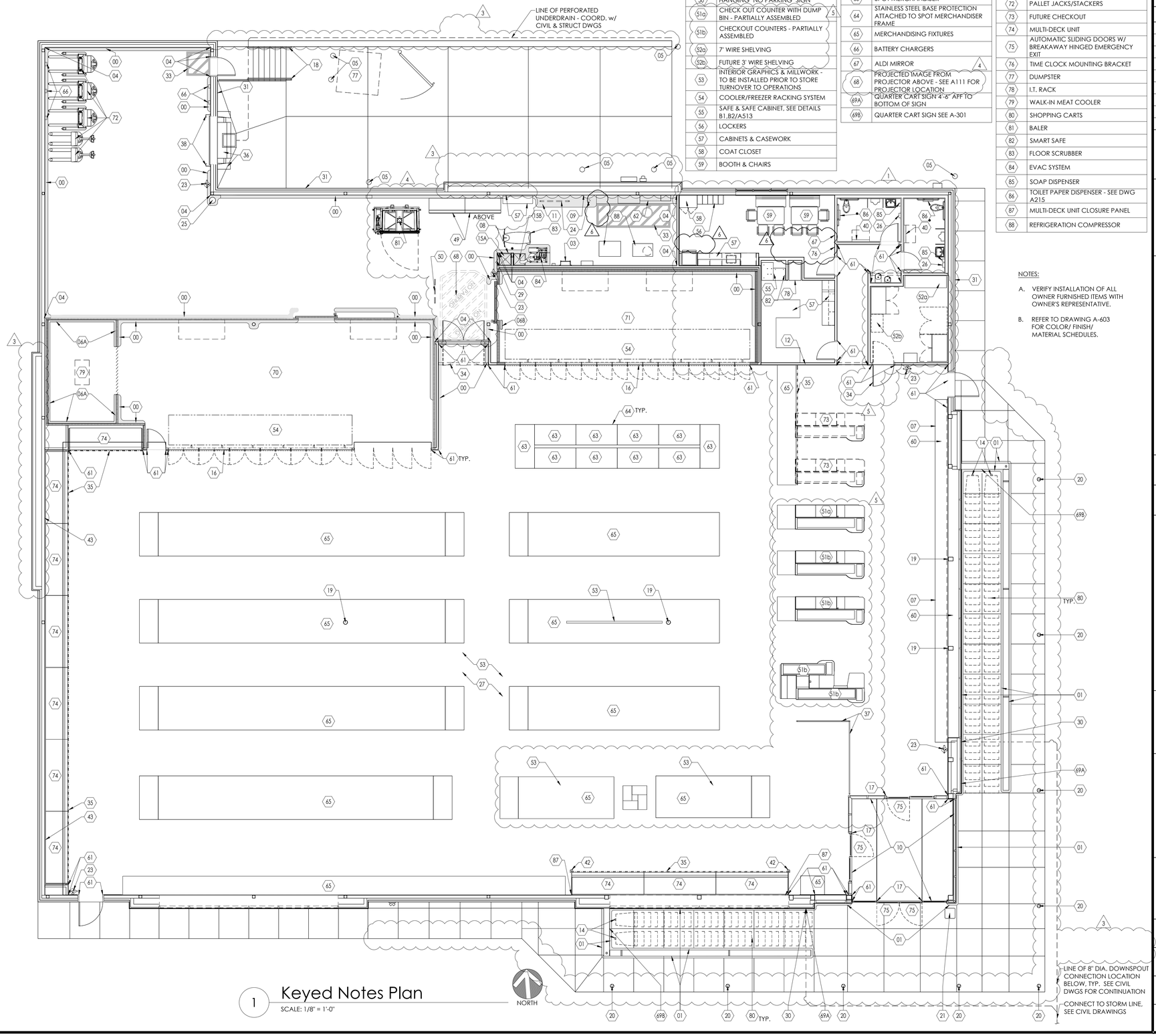
Date: 06/25/19	Project No. 1813308
Type:RHRDV7ER	
Drawn By:	A-101
Scale: As Noted	Drawing No.

KEYED NOTES:

	NUMBERS 00 THRU 48 ARE CONTRACTOR PROVIDED (FURNISHED & INSTALLED)	
00	CPB	6" PALLET BUMPER REFER TO DWG. A1/A504 - CONTRACTOR SHALL FULLY WELD ALL SEAMS AND GRIND SMOOTH PRIOR TO PAINT
01	CRTB	4"d x 6"h CONC. CART BUMPER - PROVIDE SAWN OR TOOLED JOINTS AT ALL CORNERS
02		NOT USED
03		ROOF ACCESS LADDER
04	CG-ST	PROVIDE AT ALL INSIDE AND OUTSIDE CORNERS OF UTILITY ROOM AND BACK ROOM
05	BLRD-2	10" Ø PIPE BOLLARD - SEE STRUCT DWGS
06A		3/8" x 4"+ 12" w/ LLV BENT PLATE PALLET BUMPER; HOLD TIGHT TO WALL - TYP @ MEAT COOLER & RECALL SHELVING
06B		5/6" x 3 1/2" x 6" REVERSE ANGLE PALLET BUMPER - HOLD TIGHT TO WALL
07		STAINLESS STEEL BUMPER GUARD - REFER TO INTERIOR ELEVATIONS FOR LOCATIONS. INSTALL PER MFR RECOMMENDATIONS; SEE SPEC
08		WATER HEATER SHELF - SEE INT ELEV C3/A213
09		4'-0" X 8" GRAY PVC TO HOLD AS-BUILT DWGS - SEE INT ELEV C1/A214
10		WALK OFF MAT - COVER THE EXTENTS OF THE VESTIBULE USING A TAPERED ANGLE FRAME AT ALL EDGES
11		6" THICK EQUIPMENT PAD - VERIFY SIZE W/ ELECT AND PLUMB CONTRACTORS PRIOR TO INSTALLATION
12		HOLLOW METAL FRAMED "ONE WAY" TEMPERED WINDOW W/ REMOVABLE STOP ON SALES ROOM SIDE
13		NOT USED
14	BLRD-3	3" GALVANIZED STEEL POSTS - SEE A603
15A		MOP BASIN - INSTALL BOTTOM OF BASIN @ FINISHED FLOOR ELEVATION
15B		MOP BASIN (FOR EVAC USE ONLY) - INSTALL BOTTOM OF BASIN @ FINISHED FLOOR ELEVATION
16	SSBR	SEE DETAILS A2,C3/A511
17		ANODIZED ALUMINUM DOOR PROTECTORS (QUANTITY OF 4) COORD LOCATIONS WITH ALDI CONSTRUCTION REPRESENTATIVE. SEE SPECIFICATION SECTION 055000
18		PIPE RAILINGS
19		STAINLESS STEEL COLUMN COVERS - SEE DETAIL A3/A513
20	BLRD-4	SEE SECTION B1/A304
21	TR-1	TRASH RECEPTACLE - VERIFY LOCATION W/ OWNER'S REPRESENTATIVE
22		NOT USED △6
23		FIRE EXTINGUISHER - MOUNT IN COMPLIANCE WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION
24		FIRE & WATER SERVICE - SEE PLUMB DWGS
25		ROOF LEADER - SEE PLUMB DWGS
26	AC-5	HAND DRYER AND WALL GUARD
27		SALES FLOOR FLAT STEEL FOR MERCHANDISE GONDOLAS. COORD LOCATIONS W/ ALDI CONSTRUCTION REP. SEE SPEC. SECTION 055000; PT-3 / CL-5
28		NOT USED
29		(4) HEAVY DUTY COAT HOOKS
30		ROOF LEADER CLEAN-OUT ON EXTERIOR
31		HOSE BIB
32		NOT USED
33		STRIPE PAINT AREA IN FRONT OF MANAGER'S DESK, EGRESS DOOR, AND ELECTRICAL PANELS PT-10/CL-4 △4
34		IMPACT DOORS & HARDWARE - SEE SPEC; INSTALL PER MFR'S WRITTEN INSTRUCTIONS
35	BR	FLOOR MOUNTED STAINLESS STEEL RAIL - PRE-DRILL MOUNTING HOLES PRIOR TO INSTALLATION OF MULTIDECK UNITS. HOLD AS CLOSE AS POSSIBLE TO MULTIDECK UNITS - SEE SPEC; INSTALL PER MFR'S WRITTEN INSTRUCTIONS
36		DOCK LEVELER AND SEAL - SEE SPEC; INSTALL PER MFR'S WRITTEN INSTRUCTIONS
37		GUIDANCE RAILING - SEE SPEC; INSTALL PER MFR'S WRITTEN INSTRUCTIONS
38		TRACK GUARDS - SEE SPEC; INSTALL PER MFR'S WRITTEN INSTRUCTIONS
39		NOT USED
40	AC-1	BABY CHANGING STATION
42	BR-C	FLOOR MOUNTED CORNER GUARD - SEE SPEC; INSTALL PER MFR'S WRITTEN INSTRUCTIONS
43	WP-1	WOOD PANELS; INSTALL PER MFR'S WRITTEN INSTRUCTIONS (ABOVE MDU'S)

	NUMBERS 49 THRU 69 ARE OWNER FURNISHED & CONTRACTOR INSTALLED - REFER TO APPENDIX 'A' OF THE PROJECT CONTRACT MANUAL	
49		RECALL SHELVING & FLOOR ANGLE (PURCHASE WITH SHELVING)- SEE A401 FOR ADDITIONAL INFORMATION
50		HANGING "NO PARKING" SIGN
51a		CHECK OUT COUNTER WITH DUMP BIN - PARTIALLY ASSEMBLED
51b		CHECKOUT COUNTERS - PARTIALLY ASSEMBLED
52a		7' WIRE SHELVING
52b		FUTURE 3' WIRE SHELVING
53		INTERIOR GRAPHICS & MILLWORK - TO BE INSTALLED PRIOR TO STORE TURNOVER TO OPERATIONS
54		COOLER/FREEZER RACKING SYSTEM
55		SAFE & SAFE CABINET, SEE DETAILS B1,B2/A513
56		LOCKERS
57		CABINETS & CASEWORK
58		COAT CLOSET
59		BOOTH & CHAIRS
60		WALL MOUNTED SACKING COUNTER
61	CG-A	INSTALL AT ALL INSIDE AND OUTSIDE CORNERS AT SALES, HALL, AND VESTIBULE
62		POWER WALL - REFER TO ELECT DWGS
63		SPOT MERCHANDISER
64		STAINLESS STEEL BASE PROTECTION ATTACHED TO SPOT MERCHANDISER FRAME
65		MERCHANDISING FIXTURES
66		BATTERY CHARGERS
67		ALDI MIRROR
68		PROJECTED IMAGE FROM PROJECTOR ABOVE - SEE A111 FOR PROJECTOR LOCATION
69A		QUARTER CART SIGN 4'-6" AFF TO BOTTOM OF SIGN
69B		QUARTER CART SIGN SEE A-301

	NUMBERS 70 THRU 99 ARE OWNER PROVIDED (FURNISHED & INSTALLED) - REFER TO APPENDIX 'B' OF THE PROJECT CONTRACT MANUAL	
70		WALK-IN COOLER
71		WALK-IN FREEZER
72		PALLET JACKS/STACKERS
73		FUTURE CHECKOUT
74		MULTI-DECK UNIT
75		AUTOMATIC SLIDING DOORS W/ BREAKAWAY HINGED EMERGENCY EXIT
76		TIME CLOCK MOUNTING BRACKET
77		DUMPSTER
78		I.T. RACK
79		WALK-IN MEAT COOLER
80		SHOPPING CARTS
81		BALER
82		SMART SAFE
83		FLOOR SCRUBBER
84		EVAC SYSTEM
85		SOAP DISPENSER
86		TOILET PAPER DISPENSER - SEE DWG A215
87		MULTI-DECK UNIT CLOSURE PANEL
88		REFRIGERATION COMPRESSOR



1 Keyed Notes Plan
SCALE: 1/8" = 1'-0"

NOTES:

A. VERIFY INSTALLATION OF ALL OWNER FURNISHED ITEMS WITH OWNER'S REPRESENTATIVE.

B. REFER TO DRAWING A-603 FOR COLOR/ FINISH/ MATERIAL SCHEDULES.

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1	Addendum 1	07/12/19
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Architecture

DRAWN BY: ER

REVIEWED BY: GT

GT

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

11/26/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

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ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Keyed Notes Plan
Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

A-102
Drawing No.

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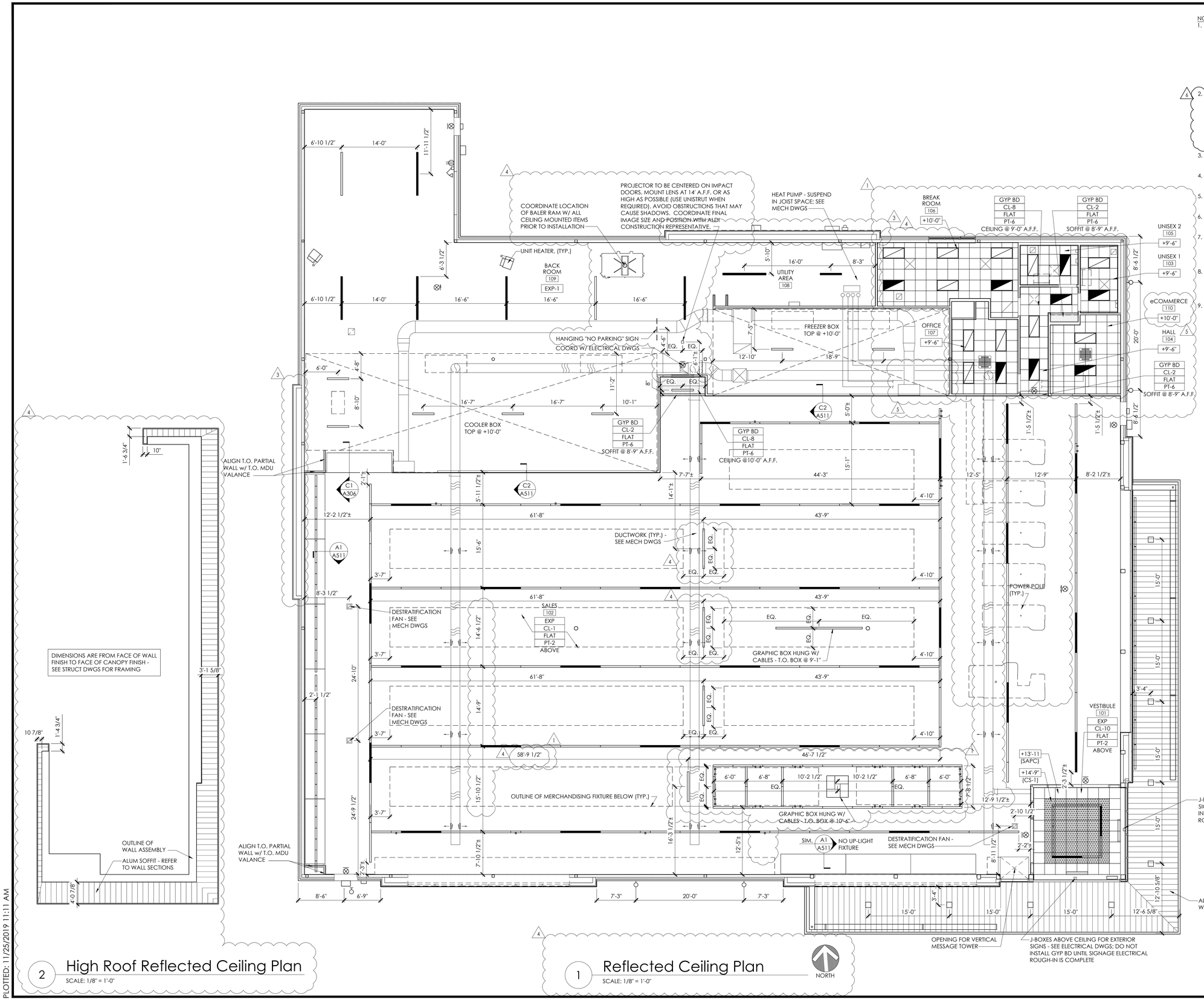

2 High Roof Reflected Ceiling Plan
SCALE: 1/8" = 1'-0"

1 Reflected Ceiling Plan
SCALE: 1/8" = 1'-0"

NOTES:

1. COORDINATE WITH STRUCTURAL, PLUMBING, MECHANICAL AND ELECTRICAL FOR ALL ITEMS PROVIDED BY THOSE DISCIPLINES. CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT ALL CEILING MOUNTED ELEMENTS WITH ALL OTHER CEILING MOUNTED EQUIPMENT AND STRUCTURE AND CORRECTING ANY INTERFERENCE PRIOR TO INSTALLATION.
2. PREPARE AND PAINT ALL CEILING MOUNTED ITEMS ON SALES FLOOR, INCLUDING BUT NOT LIMITED TO HVAC DIFFUSERS AND RETURNS, THREADED ROD, CONDUIT AND SPRINKLER PIPING. DO NOT PAINT EVAC CONDENSATE REMOVAL SYSTEM PINCH VALVES, OR ANY WIRELESS ACCESS POINT APPLIANCES PROVIDED BY ALDI.
3. ALL DIMENSIONS ARE TO FACE OF WALL FINISH UNLESS OTHERWISE NOTED.
4. ALL DIMENSIONS TO LIGHT LOCATIONS ARE TO CENTERLINE OF FIXTURE.
5. CAULK ALL SUSPENDED CEILING TO WALL INTERSECTIONS - SEE SPEC SECTION 079200.
6. ALL INTERIOR WALLS EXCEPT SHADED PORTIONS EXTEND TO UNDERSIDE OF DECK.
7. ATTACH POWERPOLE TO ROOF STRUCTURE WITH UNISTRUT (TYP. AT CHECKLANES AND SPOT MERCHANDISERS) - PAINT UNISTRUT TO MATCH CEILING.
8. GC TO ENSURE ALL JOIST AND JOIST GIRDER TAGS ARE PROPERLY SECURED TO JOIST WEBBING AND CONCEALED FROM VIEW PRIOR TO PAINTING.
9. NORDEON LIGHTING SYSTEM SHALL BE OWNER FURNISHED AND CONTRACTOR INSTALLED. CONTRACTOR SHALL HAVE FIVE (5) DAYS FROM DATE OF DELIVERY ACCEPTANCE TO VERIFY SHIPMENT FOR ANY DAMAGES, CORRECT QUANTITY OF FIXTURES AND PLACE A CLAIM. AFTER FIVE (5) DAYS THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES AND ADDITIONAL FIXTURES REQUIRED.

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
E		

Revisions:		Date:
1	Addendum 1	07/12/19
2		
3	Addendum 3	08/19/19
4	ADD 4	10/04/19
5	ADD 5	10/23/19
6	CCD 1	11/25/19
7		
8		
9		

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DRAWN BY: ER

REVIEWED BY: GT GT

Seal

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

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ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Reflected Ceiling Plan
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

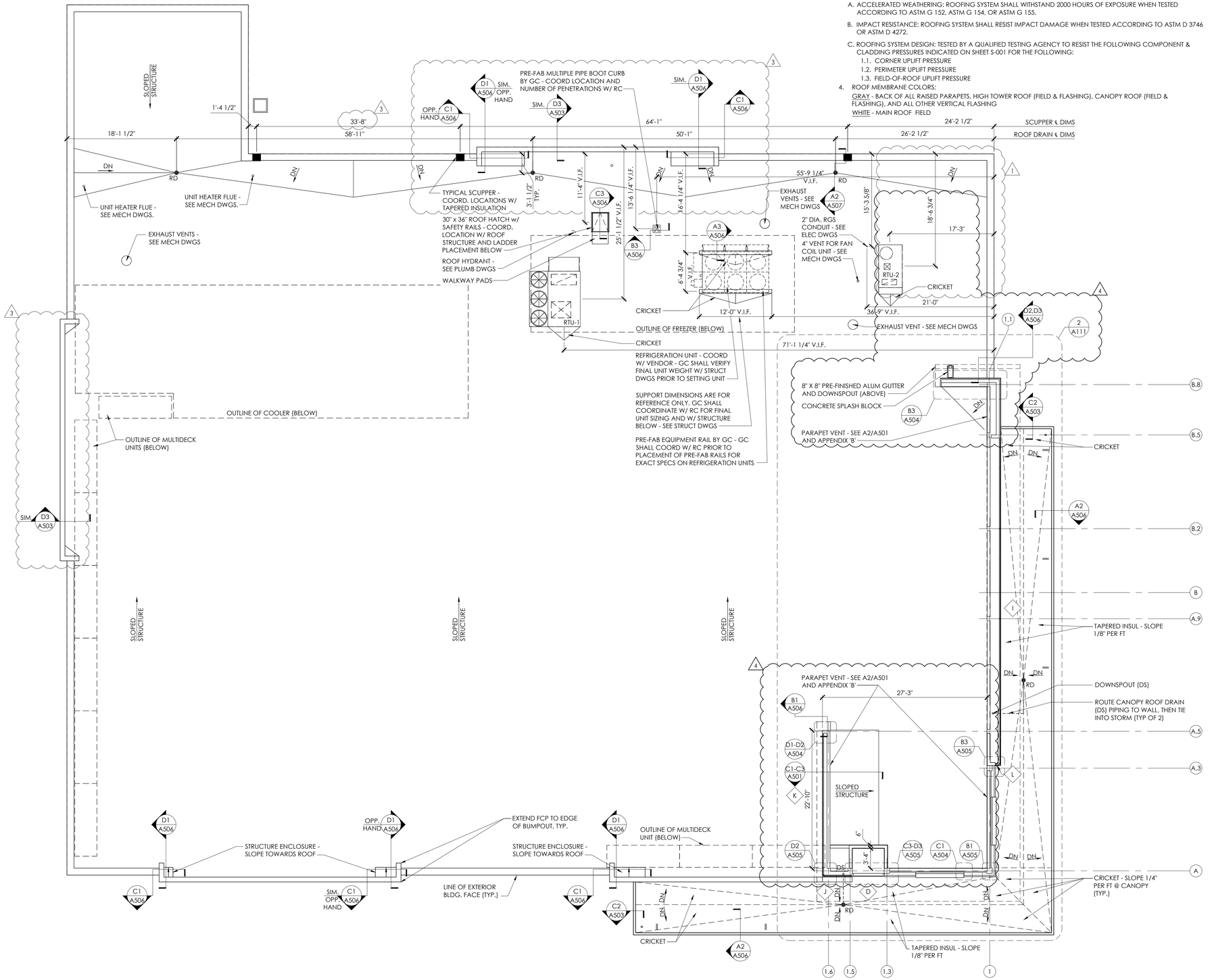
Project No. 1813308

Drawing No. A-111

PLOTTED: 11/25/2019 11:11 AM

ROOF AREA (FLAT ROOF AREA ONLY - PARAPETS EXCLUDED)	
	SQUARE FEET
MAIN ROOF AREA	17,824
CANOPY ROOF AREA	1,308
HIGH ROOF AREA	1,346
TOTAL ROOF AREA	20,478

NOTE:
1. ROOFTOP EQUIPMENT , SCUPPER AND ROOF DRAIN LOCATION DIMENSIONS REFER TO EXTERIOR FACE OF MASONRY @ FINISHED FLOOR.
2. G.C. SHALL SUPPLY ALL NECESSARY BLOCKING, NAILERS, MISC. LUMBER, AND FASTENERS FOR ROOF TOP INSTALLATIONS TO ENSURE ITEMS ARE PLUMB, LEVEL AND SECURED AS RECOMMENDED BY ITEMS MANUFACTURER.
3. ROOF SYSTEM PERFORMANCE REQUIREMENTS
   A. ACCELERATED WEATHERING: ROOFING SYSTEM SHALL WITHSTAND 2000 HOURS OF EXPOSURE WHEN TESTED ACCORDING TO ASTM G 152, ASTM G 154, OR ASTM G 155.
   B. IMPACT RESISTANCE: ROOFING SYSTEM SHALL RESIST IMPACT DAMAGE WHEN TESTED ACCORDING TO ASTM D 3746 OR ASTM D 4272.
   C. ROOFING SYSTEM DESIGN: TESTED BY A QUALIFIED TESTING AGENCY TO RESIST THE FOLLOWING COMPONENT & CLADDING PRESSURES INDICATED ON SHEET S-001 FOR THE FOLLOWING:
      1.1. CORNER UPLIFT PRESSURE
      1.2. PERIMETER UPLIFT PRESSURE
      1.3. FIELD-OF-ROOF UPLIFT PRESSURE
4. ROOF MEMBRANE COLORS:
   GRAY - BACK OF ALL RAISED PARAPETS, HIGH TOWER ROOF (FIELD & FLASHING), CANOPY ROOF (FIELD & FLASHING), AND ALL OTHER VERTICAL FLASHING
   WHITE - MAIN ROOF FIELD



1 Main Roof & Clerestory Plan
SCALE: 1/8" = 1'-0"

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DRAWN BY: ER

REVIEWED BY: GT
HS

Seal
STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT
10/04/2019
MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

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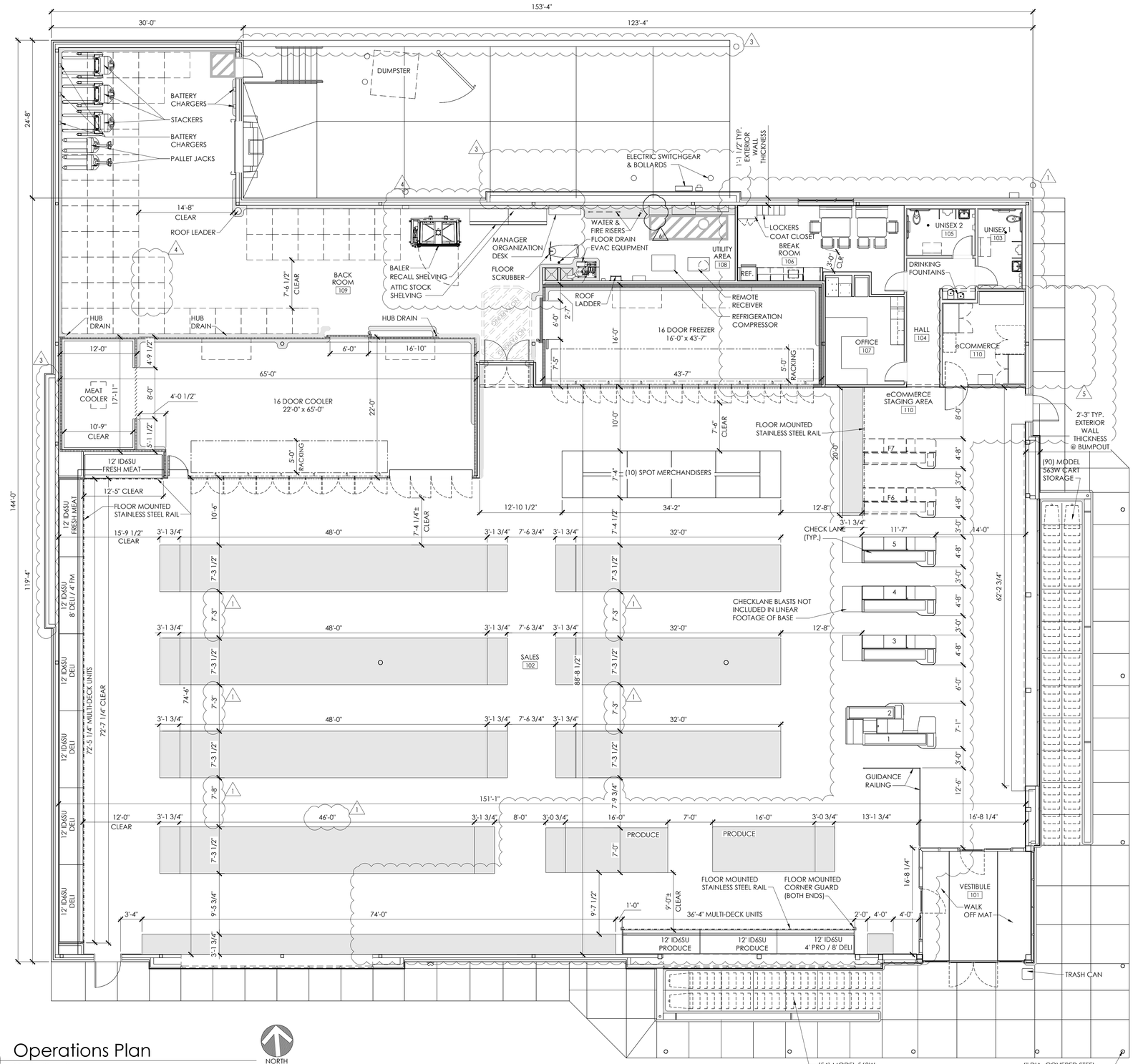
ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Main Roof & Clerestory Plan
Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308
A-121
Drawing No.

REAR DOCK AREA SUMMARY		
OCCUPANCY USE	ROOM NAME	SQUARE FOOTAGE
MERCANTILE (M)	SALES / VESTIBULE	12,541
	UNISEX 1	84
	UNISEX 2	76
	HALL	137
SUBTOTAL (MERCANTILE)		12,838
BUSINESS (B)	OFFICE	190
	BREAK ROOM	305
	eCOMMERCE	176
SUBTOTAL (BUSINESS)		671
STORAGE / STOCK (S-1)	BACKROOM	2,627
	COOLER	1,313
	FREEZER	648
SUBTOTAL (STORAGE / STOCK)		4,588
SUBTOTAL (OCCUPANCIES)		18,097
EXTERIOR /INTERIOR WALLS / UNOCCUPIED SPACE		1,202
BUILDING SQUARE FOOTAGE		19,299
EXTERIOR CANOPY		1,308 / 3
TOTAL SQUARE FOOTAGE (INCLUDING CANOPY)		20,607



NOTES:
1. THIS DRAWING IS FOR GENERAL FIXTURING LAYOUT AND REFERENCE TO EQUIPMENT ONLY. ALL INFORMATION IS FOR ALDI OPERATIONAL USE ONLY AND SHALL NOT BE USED FOR CONSTRUCTION OR BIDDING PURPOSES.
2. ALL DIMENSIONS TO WALLS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE. (6)
3. THIS FACILITY DOES NOT CONTAIN A BAKERY, A BUTCHER, A DELI OR FISH COUNTER.
4. ALL FOOD IS PREPACKAGED. THERE IS NO ON SITE FOOD PREPARATION.
5. GONDOLA LOCATIONS ARE MEASURED FROM THE FACE OF THE STAINLESS STEEL PRICE TAG MOLDING (SSPTM).

REAR DOCK OPERATIONS DATA	
ITEM	V7.0 PROTOTYPE
LINEAR FOOTAGE OF BASE (PRODUCE INCLUDED)	830'-2" (1)
ASSUMED PALLET STORAGE	57
BUILDING DIMENSIONS	119'-4" x 153'-4"
SALES FLOOR DIMENSIONS	74'-6" x 151'-1"
LENGTH OF MULTIDECK	120'
COOLER MILK DOORS	4
COOLER GENERAL DOORS	12
FREEZER GENERAL DOORS	16
SPOT MERCHANDISERS	10
CART STORAGE	(144) MODEL 563W

1 Operations Plan
SCALE: 1/8" = 1'-0"

NORTH

PLOTTED: 11/25/2019 11:11 AM

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Seal

STATE OF MISSOURI
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NUMBER A-007541
ARCHITECT

11/26/2019

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LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Operations Plan

Drawing Name:

Date: 06/25/19	Project No. 1813308
Type:RHRDV7ER	
Drawn By:	A-131
Scale: As Noted	Drawing No.

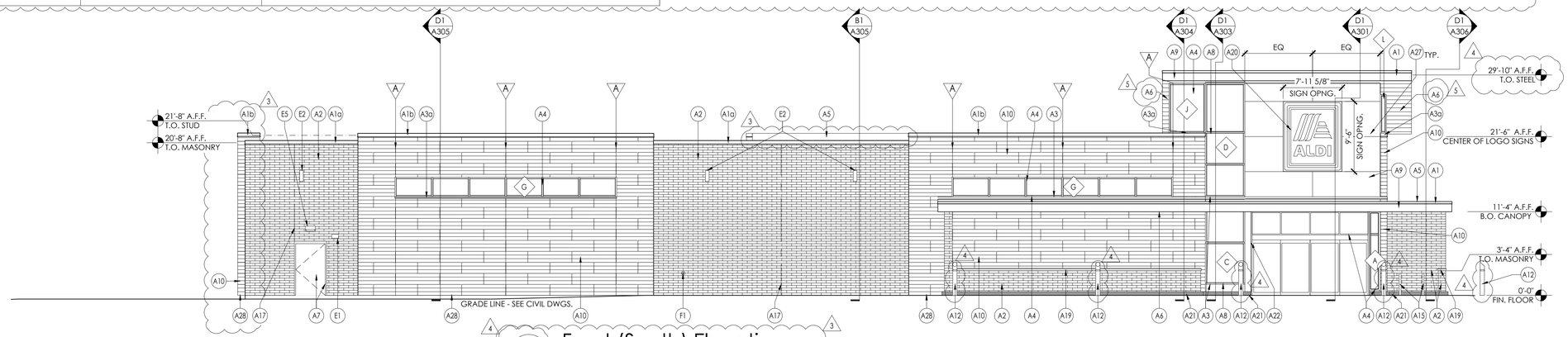
4

EXTERIOR FINISH SCHEDULE

KEY	MATERIAL / MFG.	COLOR / NO.	NOTES
A1	PREFINISHED METAL COPING	A1- SILVER - AT HIGH ROOF & CANOPY A1a - PETERSEN ALUM - MUSKET GREY-AT BRICK A1b - PETERSEN ALUM - #'CEDAR 397C0290 SPRAY CODE' - AT NICHIHA TOWERS	SEE SPEC FOR ADDITIONAL INFO
A2	SPEC-BRICK CONCRETE MASONRY VENEER	4 x 4 x 16 CHESAPEAKE BLEND w/ HOLCIM "SMITH GRAY" MORTAR MORTAR ALT: SOLOMON "85X DARK CHOCOLATE"	CONTACT THE CONCRETE PRODUCTS GROUP AT 800-789-0872 FOR ORDERING SEE SPEC FOR ADDITIONAL INFO
A3	PREFINISHED ALUM. SILL	A3 - BRIGHT SILVER A3a - PETERSEN ALUM # "CEDAR 397C0290 SPRAY CODE"	SEE SPEC FOR ADDITIONAL INFO
A4	ALUMINUM STOREFRONT SYSTEM	ANODIZED ALUM.	RE: DWG. A602
A5	MEMBRANE ROOFING	GRAY	TOP OF SLOPED ROOF, CANOPY ROOF, AND BACK OF RAISED ROOF PROJECTIONS - SEE SPECIFICATIONS APPENDIX 'B'
A6	METAL SOFFIT PANELS	A6 - SOLID PANELS - BRIGHT SILVER	RE: DWG. A301-A304
A7	EXTERIOR PAINT	PT-19 / CL-9	RE: DWG. A603
A8	ALUMINUM CURTAIN WALL SYSTEM	ANODIZED ALUMINUM	RE: DWG. A602
A9	ALUMINUM COMPOSITE PANEL	BRIGHT SILVER	PROVIDE PANEL JOINTS AS SHOWN - PROVIDE ONE PIECE TIGHT FIT EXTRUDED MOLDING INSTALLATION SYSTEM WITH CENTER REVEAL TRIM BETWEEN PANELS AND J TRIM AT PANEL EDGES.
A10	NICHIHA FIBER CEMENT EXTERIOR CLADDING	VINTAGEWOOD 'CEDAR'	CONTACT NICHIHA AT 770-805-9466 FOR ORDERING. SEE SPEC FOR TRIM REQUIREMENTS AND ADDITIONAL INFO. ALL INCLUDED TRIM ('H', 'J', 'L', CORNER, ETC) TO MATCH FCP. PANELS SHALL EXTEND ONTO THE ROOF FOR THE FULL DEPTH OF THE BUMPOUT
A11	BLRD-2	PT-19 / CL-4	RE: DWG A603
A12	BLRD-4	CG-8106 BK CHROMA HSE PE	RE: DWG A603
A13	GUARD RAIL TYPE "A"	GALVANIZED STEEL	RE: DWG B2/A507
A14	GUARD RAIL TYPE "B"	GALVANIZED STEEL	RE: DWG B2/A507
A15	BLRD-3	GALVANIZED	RE: DWG A603 - CART STARTER POST
A16	DOCK LEVELER / SEAL AND BUMPERS	LEVELER - FACTORY FINISH / SEAL AND BUMPERS - FACTORY FINISH - BLACK	PROVIDE BRICK BEHIND DOCK SEAL
A17	MASONRY CONTROL JOINT		MAX 30' OC RE: DWG. A504, A505
A18	OVERFLOW SCUPPER	PT-19 / CL-9	RE: DWG A2/A507
A19	ARCHITECTURAL CAST STONE CAP	TANNERSTONE: AG-1	SEE SPEC FOR ADDITIONAL INFORMATION
A20	ALDI TOWER SIGN	BY SIGN VENDOR	7'-11 1/8" w. x 9'-5 1/2" h.; VERIFY SIGN SIZE PRIOR TO FRAMING OPENING SEE DETAIL C1/A504
A21	CRTB	NATURAL	RE: DWG A603 - SEE STRUCTURAL DWGS
A22	KNOX BOX	FACTORY FINISH	CONFIRM TYPE AND LOCATION WITH LOCAL FIRE MARSHAL

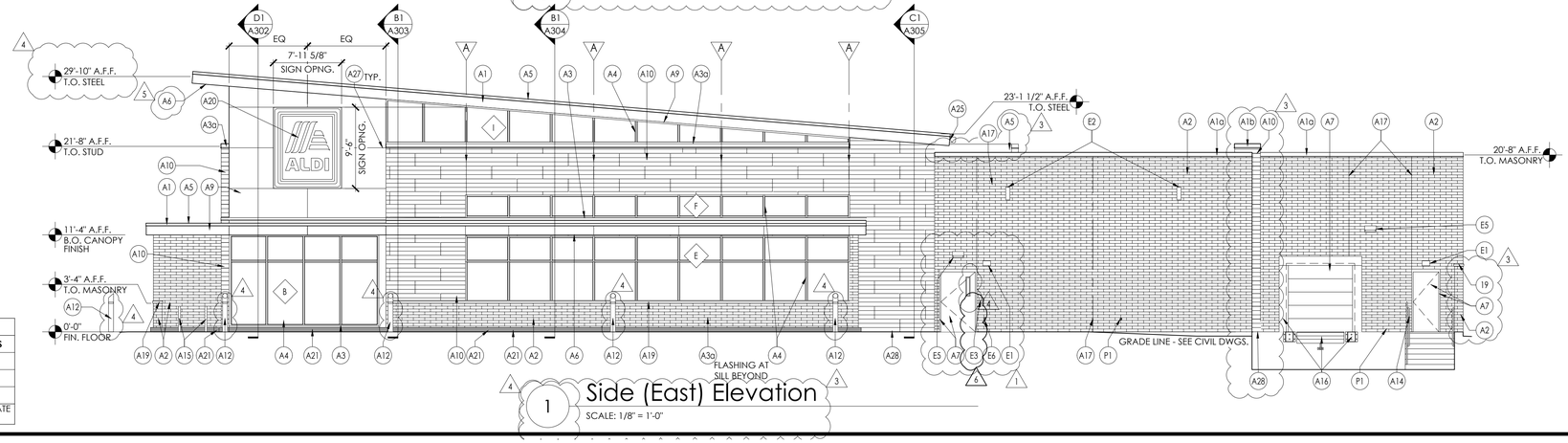
EXTERIOR FINISH SCHEDULE

KEY	MATERIAL / MFG.	COLOR / NO.	NOTES
A23	NOT USED		
A24	NOT USED		
A25	8" X 8" PRE-FINISHED ALUM GUTTER	MATCH PREFINISHED METAL COPING	
A26	8" X 8" PRE-FINISHED ALUM DOWNSPOUT	MATCH PREFINISHED METAL COPING	TERMINATE AT CONC. SPLASH BLOCK
A27	ACP H/J TRIM / JOINT COVER		TYPICAL AT EDGES AND BUTT JOINTS OF ACP
A28	NICHIHA FIBER CEMENT PANEL BASE FLASHING	PETERSEN ALUMINUM - #'CEDAR 397C0290 SPRAY CODE'	SEE SPEC FOR ADDITIONAL INFO
A30	DUMPSTER ENCLOSURE		RE. DWG A507
E1	EXIT DISCHARGE LIGHT	FACTORY FINISH	MOUNT @ 8'-0" A.F.F.
E2	WALL SCONCE	FACTORY FINISH	MOUNT @ 16'-2" A.F.F.; RE: DWG. A111 FOR DIMENSIONS
E3	JUNCTION BOX WITH COVER FOR FUTURE CARD READER		MOUNT CENTERED @46" A.F.F., SEE ELEC DWGS. 6
E4	UTILITY METERING & C.T.	FACTORY FINISH	SEE ELECTRICAL DWGS
E5	EXTERIOR WALL PACK	FACTORY FINISH	MAN DOORS - MOUNT @ 9'-0" A.F.F. LOADING DOCK - MOUNT @ 12'-0" A.F.F.
E6	EXTERIOR DUPLEX RECEPTACLE	FACTORY FINISH	MOUNT @ 1'-6" A.F.F. IN 4" SQUARE J-BOX
E7	NOT USED		
F1	FIRE DEPT. CONNECTION	FACTORY FINISH	SEE FIRE PROTECTION DWGS
F2	MOTOR GONG	FACTORY FINISH	SEE FIRE PROTECTION DWGS
P1	HOSE BIB	FACTORY FINISH	SEE PLUMBING DWGS
P2	RPZ DISCHARGE	FACTORY FINISH	SEE PLUMBING DWGS
P3	GAS METER	FACTORY FINISH	SEE PLUMBING DWGS
XX	GLAZING KEY		RE: DWG A602
XX	ALIGN KEY		A: ALIGN NICHIHA PANEL JOINTS AND WINDOW MULLIONS



2 Front (South) Elevation

SCALE: 1/8" = 1'-0"



1 Side (East) Elevation

SCALE: 1/8" = 1'-0"

SIGNAGE			
DESCRIPTION	QUANTITY	SQ. FT. PER SIGN	TOTALS
TOWER SIGN	2	74.9	149.8
TOTAL SIGNAGE			149.8
SIGNAGE IS SHOWN FOR REFERENCE ONLY AND SHALL BE UNDER SEPARATE PERMIT SUBMITTAL			

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JACKSON COUNTY
Project Name & Location:

Exterior Elevations
Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

A-201 Drawing No.

EXTERIOR FINISH SCHEDULE

KEY	MATERIAL / MFG.	COLOR / NO.	NOTES
A1	PREFINISHED METAL COPING	A1- SILVER - AT HIGH ROOF & CANOPY A1a - PETERSEN ALUM - MUSKET GREY-AT BRICK A1b - PETERSEN ALUM - #'CEDAR 397C0290 SPRAY CODE' - AT NICHIHA TOWERS	SEE SPEC FOR ADDITIONAL INFO
A2	SPEC-BRICK CONCRETE MASONRY VENEER	4 x 4 x 16 CHESAPEAKE BLEND w/ HOLCIM "SMITH GRAY" MORTAR MORTAR ALT: SOLOMON "85X DARK CHOCOLATE"	CONTACT THE CONCRETE PRODUCTS GROUP AT 800-789-0872 FOR ORDERING SEE SPEC FOR ADDITIONAL INFO
A3	PREFINISHED ALUM. SILL	A3 - BRIGHT SILVER A3a - PETERSEN ALUM # "CEDAR 397C0290 SPRAY CODE"	SEE SPEC FOR ADDITIONAL INFO
A4	ALUMINUM STOREFRONT SYSTEM	ANODIZED ALUM.	RE: DWG. A602
A5	MEMBRANE ROOFING	GRAY	TOP OF SLOPED ROOF, CANOPY ROOF, AND BACK OF RAISED ROOF PROJECTIONS - SEE SPECIFICATIONS APPENDIX 'B'
A6	METAL SOFFIT PANELS	5 A6 - SOLID PANELS - BRIGHT SILVER	RE: DWG. A301-A304
A7	EXTERIOR PAINT	PT-19 / CL-9	RE: DWG. A603
A8	ALUMINUM CURTAIN WALL SYSTEM	ANODIZED ALUMINUM	RE: DWG. A602
A9	ALUMINUM COMPOSITE PANEL	BRIGHT SILVER	PROVIDE PANEL JOINTS AS SHOWN - PROVIDE ONE PIECE TIGHT FIT EXTRUDED MOLDING INSTALLATION SYSTEM WITH CENTER REVEAL TRIM BETWEEN PANELS AND J TRIM AT PANEL EDGES.
A10	NICHIHA FIBER CEMENT EXTERIOR CLADDING	VINTAGEWOOD 'CEDAR'	CONTACT NICHIHA AT 770-805-9466 FOR ORDERING. SEE SPEC FOR TRIM REQUIREMENTS AND ADDITIONAL INFO. ALL INCLUDED TRIM ('H', 'J', 'L', CORNER, ETC) TO MATCH FCP. PANELS SHALL EXTEND ONTO THE ROOF FOR THE FULL DEPTH OF THE BUMPOUT 4
A11	BLRD-2	PT-19 / CL-4	RE: DWG A603
A12	BLRD-4	4 CG-8106 BK CHROMA HSE PE	RE: DWG A603
A13	GUARD RAIL TYPE "A"	GALVANIZED STEEL	RE: DWG B2/A507
A14	GUARD RAIL TYPE "B"	GALVANIZED STEEL	RE: DWG B2/A507
A15	BLRD-3	GALVANIZED	RE: DWG A603 - CART STARTER POST
A16	DOCK LEVELER / SEAL AND BUMPERS	LEVELER - FACTORY FINISH / SEAL AND BUMPERS - FACTORY FINISH - BLACK	PROVIDE BRICK BEHIND DOCK SEAL
A17	MASONRY CONTROL JOINT		MAX 30' OC RE: DWG. A504, A505
A18	OVERFLOW SCUPPER	PT-19 / CL-9	RE: DWG A2/A507
A19	ARCHITECTURAL CAST STONE CAP	TANNERSTONE: AG-1	SEE SPEC FOR ADDITIONAL INFORMATION
A20	ALDI TOWER SIGN	BY SIGN VENDOR	7'-11 1/8" w. x 9'-5 1/2" h.; VERIFY SIGN SIZE PRIOR TO FRAMING OPENING SEE DETAIL C1/A504
A21	CRTB	NATURAL	RE: DWG A603 - SEE STRUCTURAL DWGS
A22	KNOX BOX	FACTORY FINISH	CONFIRM TYPE AND LOCATION WITH LOCAL FIRE MARSHAL

EXTERIOR FINISH SCHEDULE

KEY	MATERIAL / MFG.	COLOR / NO.	NOTES
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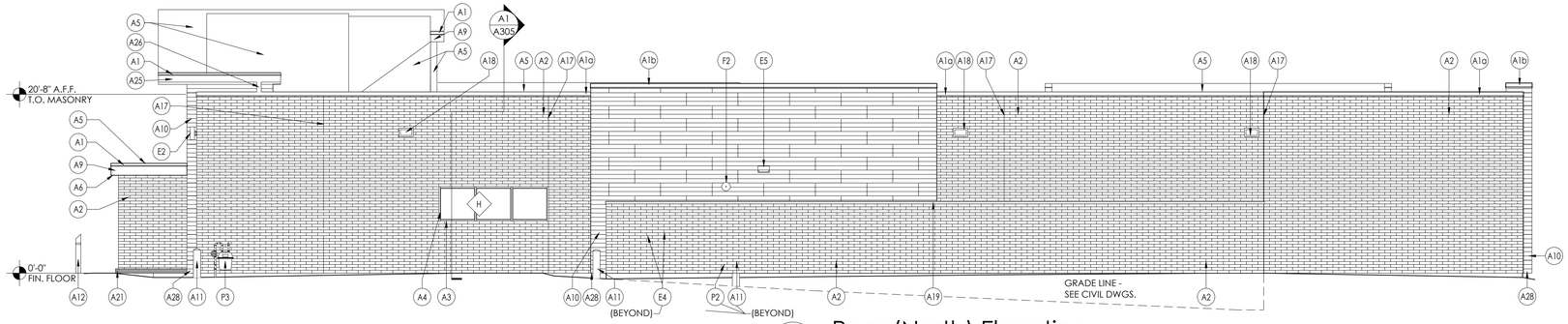
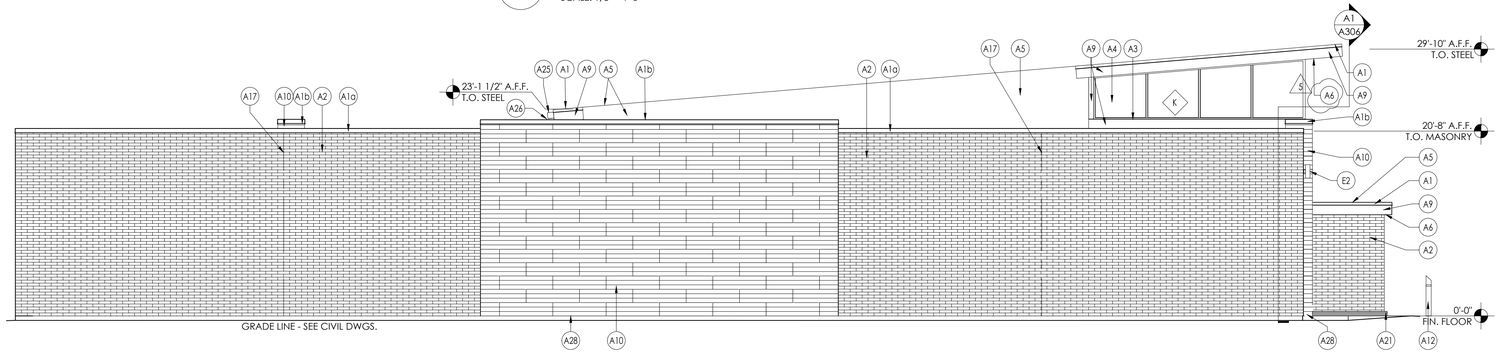
A25	8" X 8" PRE-FINISHED ALUM GUTTER	MATCH PREFINISHED METAL COPING	
A26	8" X 8" PRE-FINISHED ALUM DOWNSPOUT	MATCH PREFINISHED METAL COPING	TERMINATE AT CONC. SPLASH BLOCK
A27	ACP H/J TRIM / JOINT COVER		TYPICAL AT EDGES AND BUTT JOINTS OF ACP
A28	NICHIHA FIBER CEMENT PANEL BASE FLASHING	PETERSEN ALUMINUM - #'CEDAR 397C0290 SPRAY CODE'	SEE SPEC FOR ADDITIONAL INFO
A30	DUMPSTER ENCLOSURE		RE. DWG A507
E1	EXIT DISCHARGE LIGHT	FACTORY FINISH	MOUNT @ 8'-0" A.F.F.
E2	WALL SCONCE	FACTORY FINISH	MOUNT @ 16'-2" A.F.F.; RE: DWG. A111 FOR DIMENSIONS
E3	JUNCTION BOX WITH COVER FOR FUTURE CARD READER		MOUNT CENTERED @46" A.F.F., SEE ELEC DWGS 6
E4	UTILITY METERING & C.T.	FACTORY FINISH	SEE ELECTRICAL DWGS
E5	EXTERIOR WALL PACK	FACTORY FINISH	MAN DOORS - MOUNT @ 9'-0" A.F.F. LOADING DOCK - MOUNT @ 12'-0" A.F.F.
E6	EXTERIOR DUPLEX RECEPTACLE	FACTORY FINISH	MOUNT @ 1'-6" A.F.F. IN 4" SQUARE J-BOX
E7	NOT USED		
F1	FIRE DEPT. CONNECTION	FACTORY FINISH	SEE FIRE PROTECTION DWGS
F2	MOTOR GONG	FACTORY FINISH	SEE FIRE PROTECTION DWGS
P1	HOSE BIB	FACTORY FINISH	SEE PLUMBING DWGS
P2	RPZ DISCHARGE	FACTORY FINISH	SEE PLUMBING DWGS
P3	GAS METER	FACTORY FINISH	SEE PLUMBING DWGS
XX	GLAZING KEY		RE: DWG A602
XX	ALIGN KEY		A: ALIGN NICHIHA PANEL JOINTS AND WINDOW MULLIONS



2 Rear (North) Elevation

SCALE: 1/8" = 1'-0"



1 Side (West) Elevation

SCALE: 1/8" = 1'-0"

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
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Revisions:		Date:
1		
2		
3		
4	ADD 4	10/04/19
5	ADD 5	10/23/19
6	CCD 1	11/25/19
7		
8		
9		

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Certificate of Authority #A-2008031944
Architecture

DRAWN BY: ER

REVIEWED BY: GT

GT

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

11/26/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
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(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

4 Exterior Elevations

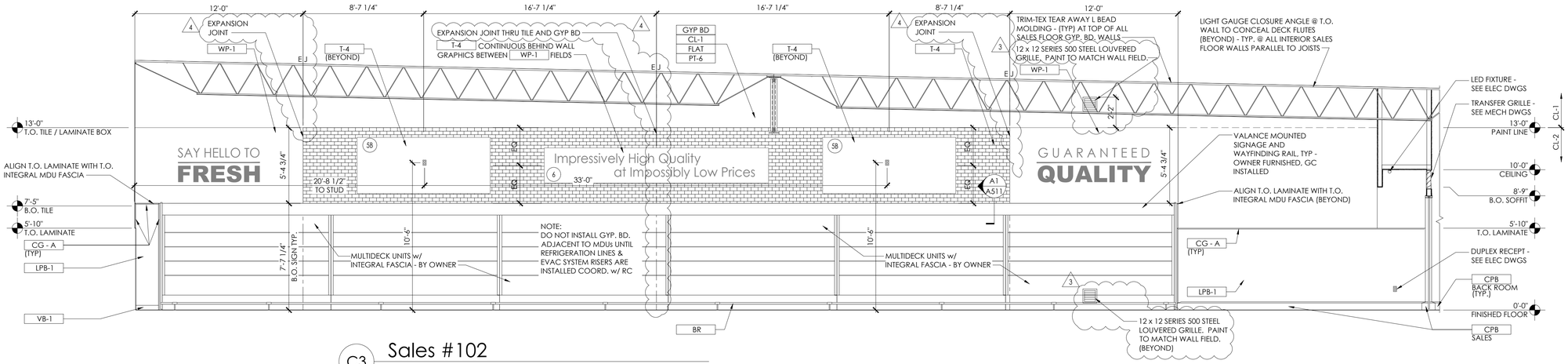
Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

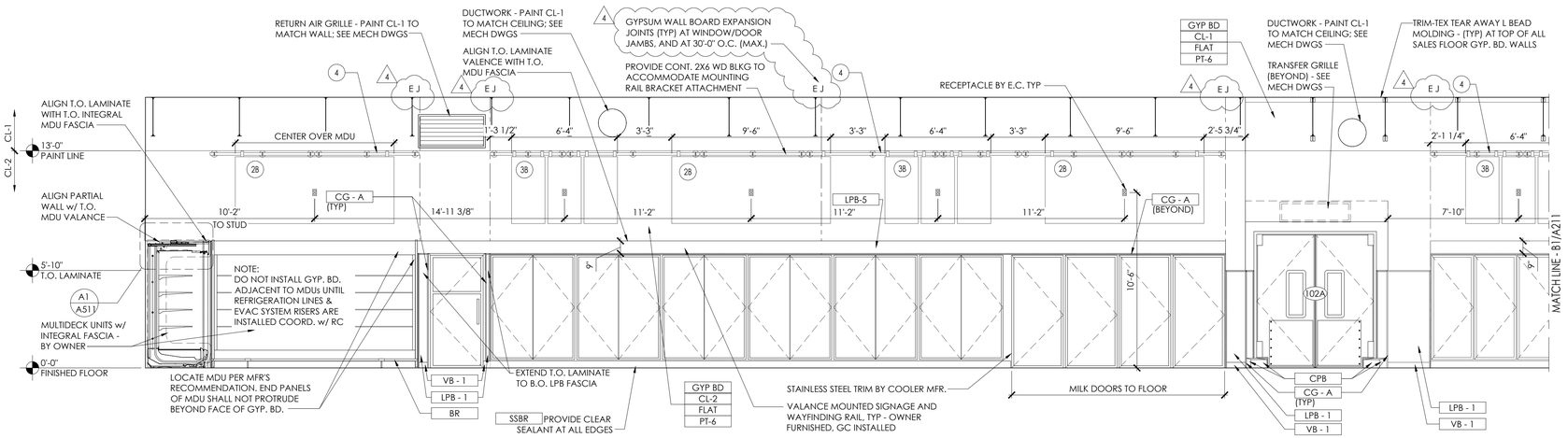
A-202 Drawing No.

PLOTTED: 11/25/2019 11:11 AM



C3 Sales #102

SCALE: 1/4" = 1'-0"



C2 Sales #102

SCALE: 1/4" = 1'-0"

SALES FLOOR GRAPHICS SCHEDULE

KEY	KEY DESCRIPTION	MANUFACTURER	NOTES
1	WALL MTD BEER & WINE PANELS	OWNER FURNISHED - GC INSTALLED	48"W x 66"H - PANELS - 20'-0" TOTAL WIDTH
2	ILLUMINATED WALL MTD. GRAPHIC w/ SIMULATED RAIL MOUNT	OWNER FURNISHED - GC INSTALLED	2A: 102"W x 42"H 2B: 114"W x 48"H
3	TRIPLE PANEL RAIL MTD. GRAPHIC (TRIPTYCH)	OWNER FURNISHED - GC INSTALLED	3A: 22"W x 42"H PANELS - 70" TOTAL WIDTH 3B: 24"W x 48"H PANELS - 76" TOTAL WIDTH
4	MOUNTING RAIL	OWNER FURNISHED - GC INSTALLED	ALIGN TOP OF RAIL BRACKETS w/ PAINT LINE. EXTEND WD BLKG ENTIRE LENGTH OF MOUNTING RAIL U.N.O.
5	ILLUMINATED WALL MTD. GRAPHIC	OWNER FURNISHED - GC INSTALLED	5A: 102"W x 42"H - BACK WALL, OVER TILE 5B: 114"W x 48"H - BACK WALL, OVER TILE
6	WALL MTD GRAPHIC	OWNER FURNISHED - GC INSTALLED	192"W x 30"H - BACK WALL ABOVE MDU; INSTALL OVER TILE
7	ILLUMINATED GRAPHIC - VERTICAL MESSAGE	OWNER FURNISHED - GC INSTALLED	IF SHORT WALL VMT TOP FRAME SHOULD MATCH ROOF SLOPE
8	ILLUMINATED WALL MTD. GRAPHIC w/ SIMULATED RAIL MOUNT - WELCOME TO YOUR CITY	OWNER FURNISHED - GC INSTALLED	216"W x 48"H

GENERAL NOTES:

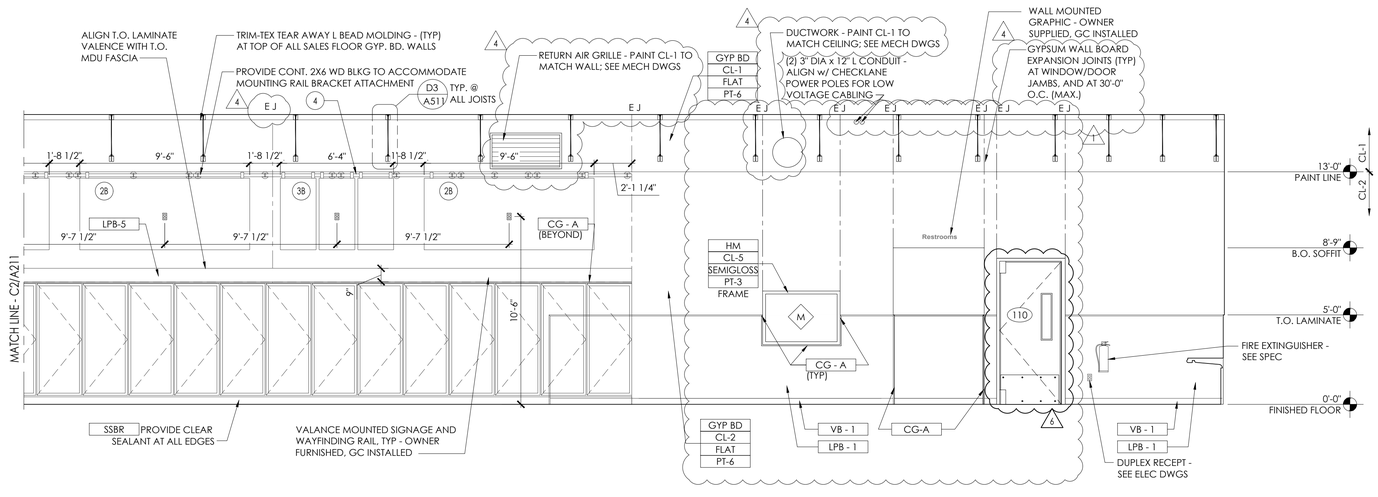
1. ALL WALLS TO BE CLEANED AFTER PAINTING OF CEILING TO REMOVE DRYFALL PAINT RESIDUE. COMPLETE CLEANING PRIOR TO INSTALLATION OF OWNER FURNISHED GRAPHICS PACKAGE.

2. REFER TO DRAWING A-603 FOR ALL FINISH CALL-OUTS.

3. GC TO INSTALL OWNER FURNISHED INTERIOR GRAPHICS AND MILLWORK PACKAGE. REFER TO INSTALLATION INSTRUCTIONS AND CUT SHEETS POSTED TO WWW.SHARENOLOGY.COM
INTERIOR GRAPHICS:
VENDOR INFO > SBPI INTERIOR GRAPHICS
MILLWORK:
VENDOR INFO > RIDDLEY CABINET CO INC
VENDOR INFO > KPI CONCEPTS INC

4. COORDINATE LOCATIONS OF ALL CONTROL JOINTS WITH THE GRAPHICS PACKAGE TO MINIMIZE INTERFERENCE WITH THE GRAPHICS.

5. ALL SALES AREA WALLS TO BE FREE OF ABANDONED DEVICE BOXES AND NO BLANK COVER PLATES ARE TO BE EXPOSED.



B1 Sales #102

SCALE: 1/4" = 1'-0"

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
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Revisions:		Date:
1	Addendum 1	07/12/19
2		
3	Addendum 3	08/19/19
4	ADD 4	10/04/19
5		
6	CCD 1	11/25/19
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DRAWN BY: ER

REVIEWED BY: GT

GT

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STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

11/26/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

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ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY

Project Name & Location:

Interior Elevations
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

A-211
Drawing No.

PLOTTED: 11/25/2019 11:12 AM

D C B A

GENERAL NOTES:

1. ALL WALLS TO BE CLEANED AFTER PAINTING OF CEILING TO REMOVE DRYFALL PAINT RESIDUE. COMPLETE CLEANING PRIOR TO INSTALLATION OF OWNER FURNISHED GRAPHICS PACKAGE.

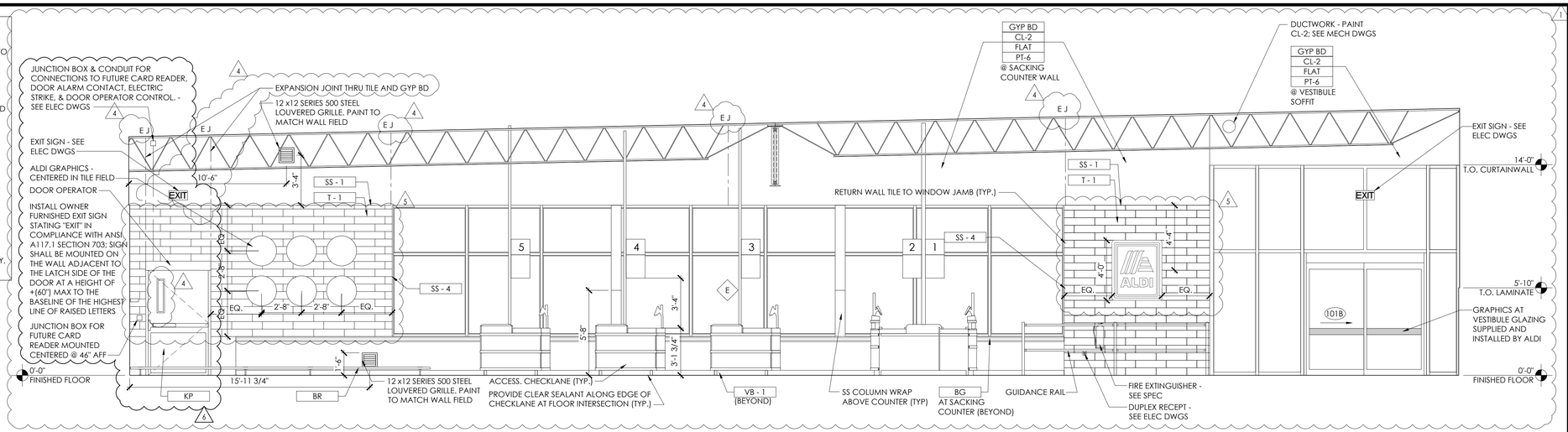
2. REFER TO DRAWING A-603 FOR ALL FINISH CALL-OUTS.

3. GC TO INSTALL OWNER FURNISHED INTERIOR GRAPHICS AND MILLWORK PACKAGE. REFER TO INSTALLATION INSTRUCTIONS AND CUT SHEETS POSTED TO WWW.SHARENOLOGY.COM
INTERIOR GRAPHICS:
VENDOR INFO > SBPI INTERIOR GRAPHICS
MILLWORK:
VENDOR INFO > RIDDLEY CABINET CO INC
VENDOR INFO > KPI CONCEPTS INC

4. COORDINATE LOCATIONS OF ALL CONTROL JOINTS WITH THE GRAPHICS PACKAGE TO MINIMIZE INTERFERENCE WITH THE GRAPHICS.

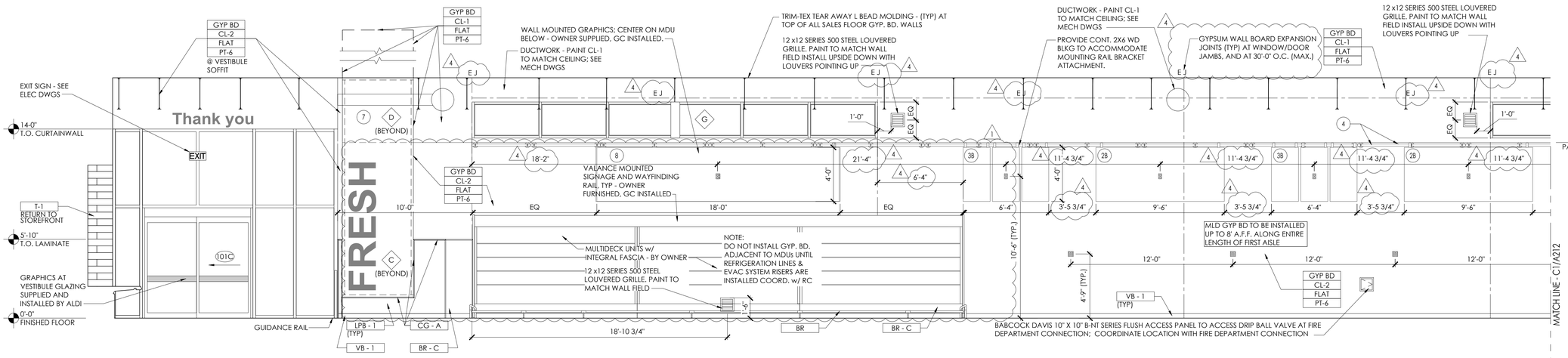
5. ALL SALES AREA WALLS TO BE FREE OF ABANDONED DEVICE BOXES AND NO BLANK COVER PLATES ARE TO BE EXPOSED.

6. COORDINATE LAYOUT OF REFRIGERATION LINES WITH REFRIGERATION CONTRACTOR BEFORE ENCLOSING WALL CAVITY.



D3 Sales #102

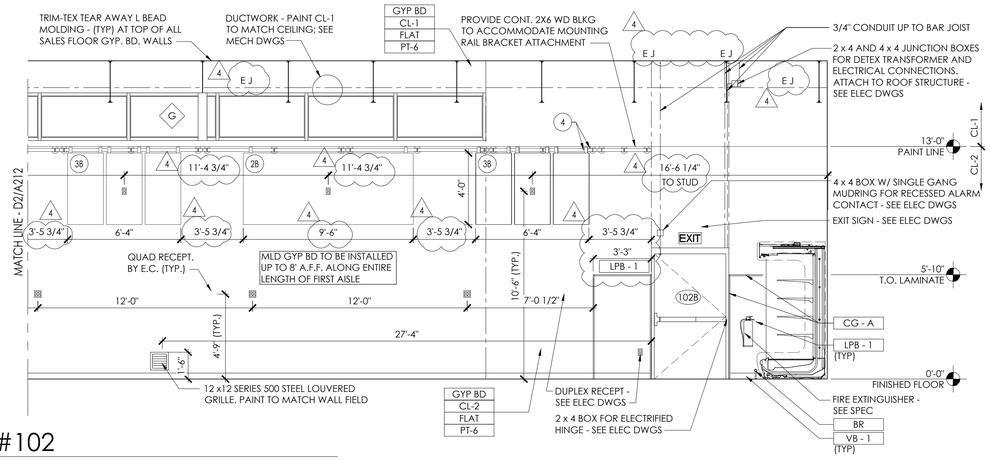
SCALE: 1/4" = 1'-0"



D2 Sales #102

SCALE: 1/4" = 1'-0"

SALES FLOOR GRAPHICS SCHEDULE			
KEY	KEY DESCRIPTION	MANUFACTURER	NOTES
1	WALL MTD BEER & WINE PANELS	OWNER FURNISHED - GC INSTALLED	48"W x 66"H - PANELS - 20'-0" TOTAL WIDTH
2	ILLUMINATED WALL MTD. GRAPHIC w/ SIMULATED RAIL MOUNT	OWNER FURNISHED - GC INSTALLED	2A: 102"W x 42"H 2B: 114"W x 48"H
3	TRIPLE PANEL RAIL MTD. GRAPHIC (TRIPTYCH)	OWNER FURNISHED - GC INSTALLED	3A: 22"W x 42"H PANELS - 70" TOTAL WIDTH 3B: 24"W x 48"H PANELS - 76" TOTAL WIDTH
4	MOUNTING RAIL	OWNER FURNISHED - GC INSTALLED	ALIGN TOP OF RAIL BRACKETS w/ PAINT LINE. EXTEND WD BLKG ENTIRE LENGTH OF MOUNTING RAIL U.N.O.
5	ILLUMINATED WALL MTD. GRAPHIC	OWNER FURNISHED - GC INSTALLED	5A: 102"W x 42"H - BACK WALL, OVER TILE 5B: 114"W x 48"H - BACK WALL, OVER TILE
6	WALL MTD GRAPHIC	OWNER FURNISHED - GC INSTALLED	192"W x 30"H - BACK WALL ABOVE MDU; INSTALL OVER TILE
7	ILLUMINATED GRAPHIC - VERTICAL MESSAGE	OWNER FURNISHED - GC INSTALLED	IF SHORT WALL VMT TOP FRAME SHOULD MATCH ROOF SLOPE
8	ILLUMINATED WALL MTD. GRAPHIC w/ SIMULATED RAIL MOUNT - WELCOME TO YOUR CITY	OWNER FURNISHED - GC INSTALLED	216"W x 48"H



C1 Sales #102

SCALE: 1/4" = 1'-0"

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A	Client Review	02/14/18
B	Permit Set	06/25/19
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Revisions:		Date:
1	Addendum 1	07/12/19
2		
3		
4	ADD 4	10/04/19
5	ADD 5	10/23/19
6	CCD 1	11/25/19
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3

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Certificate of Authority #A-2008031944
Architecture

DRAWN BY: ER

REVIEWED BY: GT

GT

Seal

11/26/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

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(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY

1

Project Name & Location:

Interior Elevations
Drawing Name:

Date: 06/25/19	Project No. 1813308
Type:RHRDV7ER	
Drawn By:	A-212
Scale: As Noted	Drawing No.

PLOTTED: 11/25/2019 11:12 AM

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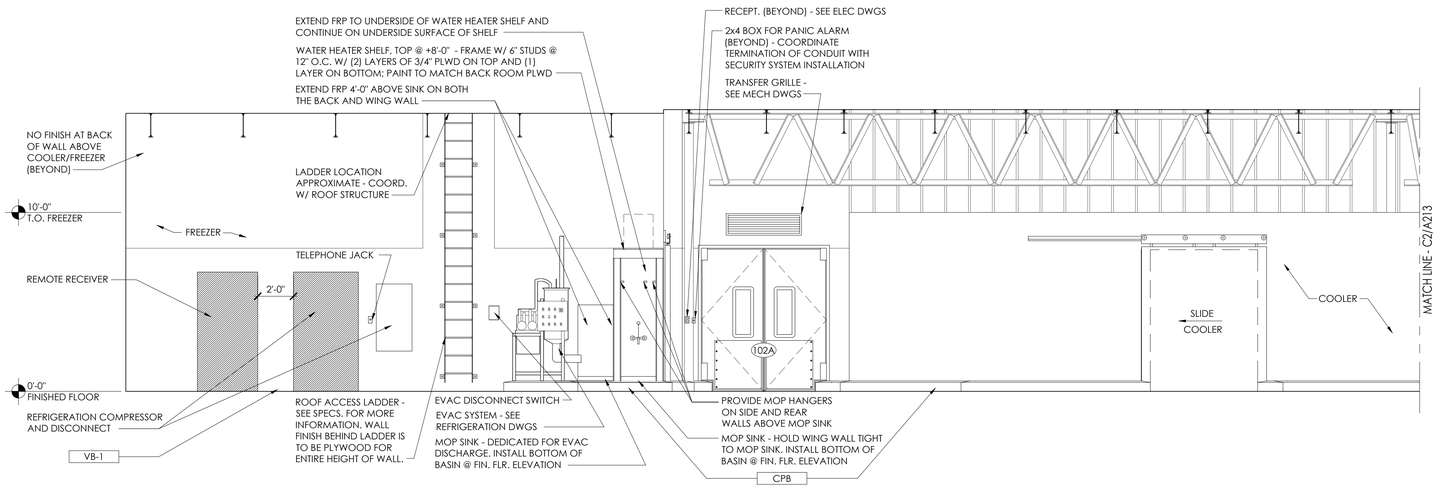
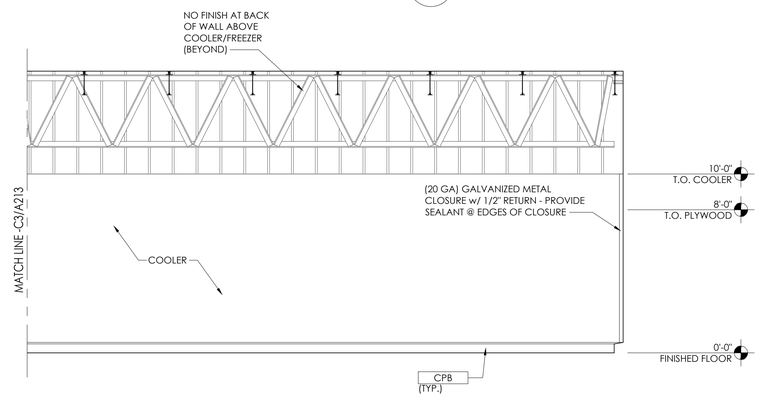


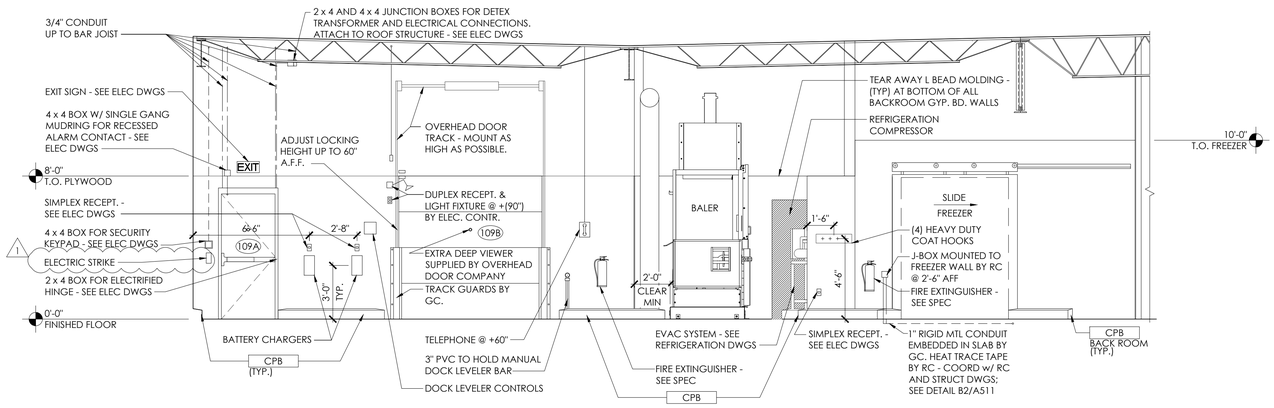
C3 Back Room #109 & Utility Area #108

SCALE: 1/4" = 1'-0"



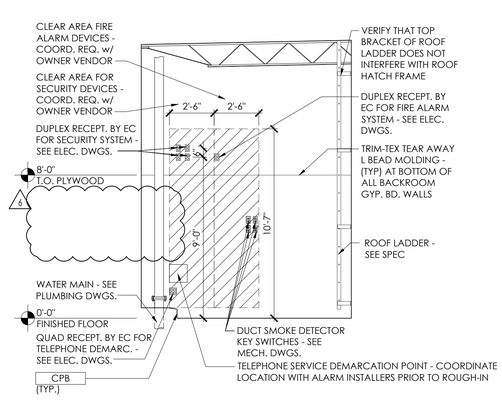
C2 Back Room #109

SCALE: 1/4" = 1'-0"



C1 Back Room #109

SCALE: 1/4" = 1'-0"



A1 Utility Area #108

SCALE: 1/4" = 1'-0"

NOTE:

1. REFER TO DRAWING A-603 FOR ALL FINISH CALL-OUTS
2. VERIFY THE LOCATION OF ELECTRICAL OUTLETS WITH ELECTRICAL PLANS BEFORE INSTALLATION. IF THERE IS A CONFLICT, NOTIFY OWNER PRIOR TO ANY WORK.

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Architecture

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DRAWN BY: ER

REVIEWED BY: GT

GT

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

11/26/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

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(630) 879-8152 fax

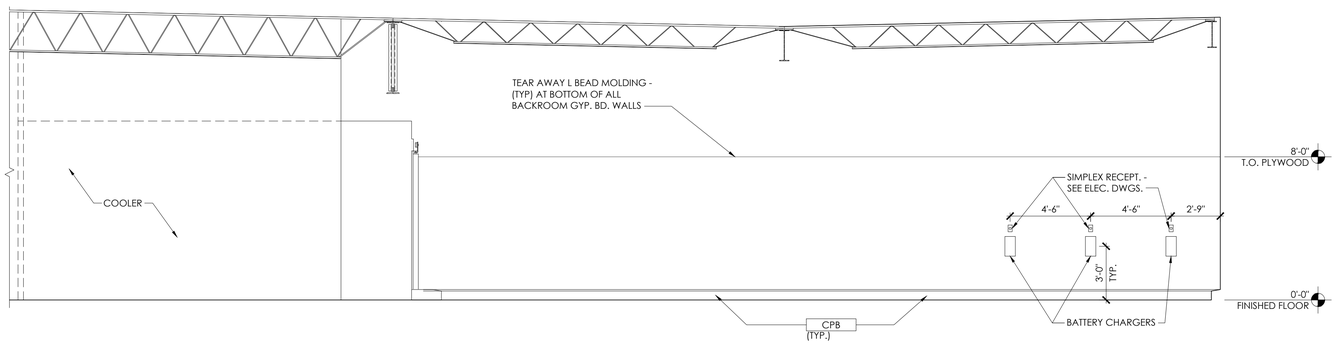
1

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Interior Elevations
Drawing Name:

Date: 06/25/19	Project No. 1813308
Type:RHRDV7ER	
Drawn By:	A-213
Scale: As Noted	Drawing No.

D C B A

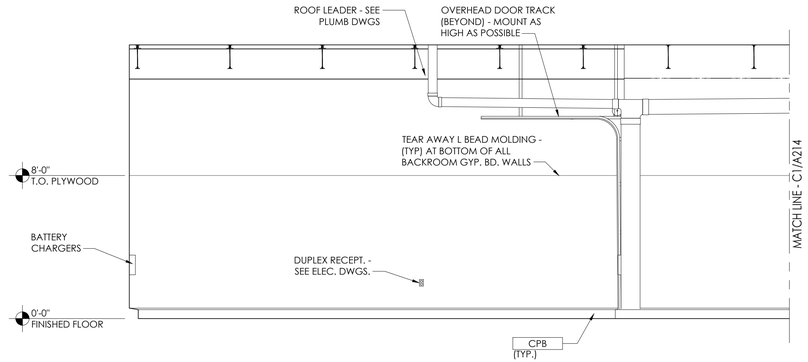


D3 Back Room #109

SCALE: 1/4" = 1'-0"

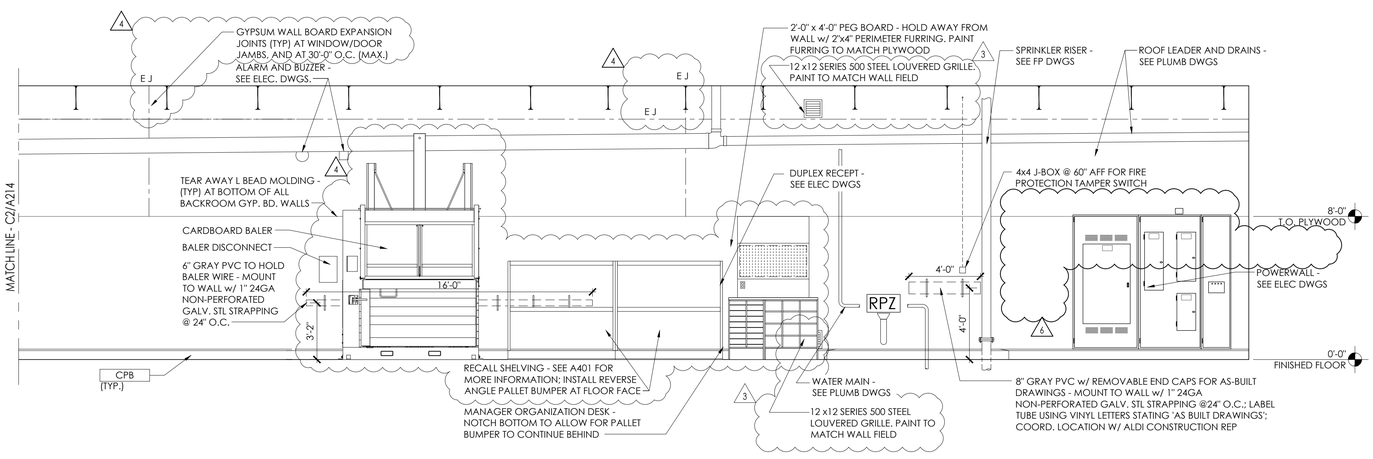
NOTE:

1. REFER TO DRAWING A-603 FOR ALL FINISH CALL-OUTS
2. VERIFY THE LOCATION OF ELECTRICAL OUTLETS WITH ELECTRICAL PLANS BEFORE INSTALLATION. IF THERE IS A CONFLICT, NOTIFY OWNER PRIOR TO ANY WORK.



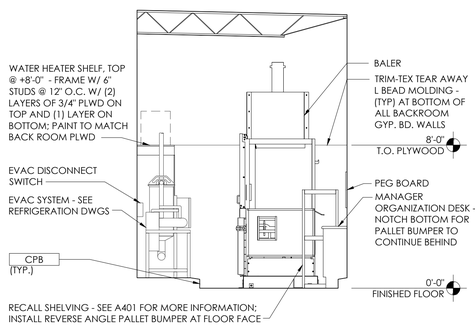
C2 Back Room #109

SCALE: 1/4" = 1'-0"



C1 Back Room #109 & Utility Area #108

SCALE: 1/4" = 1'-0"



A1 Back Room #109 & Utility Area #108

SCALE: 1/4" = 1'-0"

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JACKSON COUNTY

Project Name & Location:

Interior Elevations

Drawing Name:

Date: 06/25/19

Project No. 1813308

Type:RHRDV7ER

Drawn By:

Scale: As Noted

Drawing No. A-214

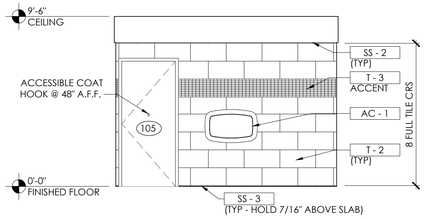
3 2 1

D C B A

PLOTTED: 11/25/2019 11:12 AM

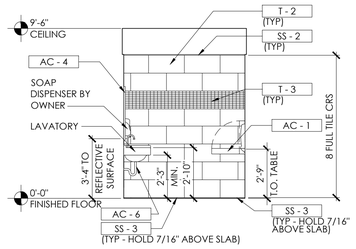
NOTE:

REFER TO DRAWING A-603 FOR ALL FINISH CALL-OUTS



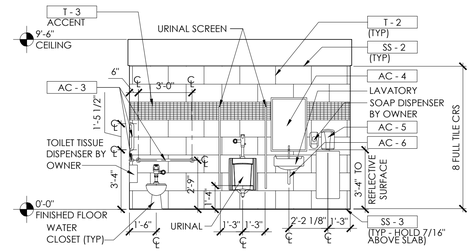
D3 UNISEX 2 #105

SCALE: 1/4" = 1'-0"



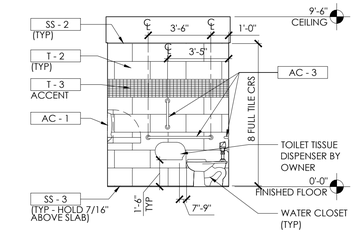
C3 UNISEX 2 #105

SCALE: 1/4" = 1'-0"



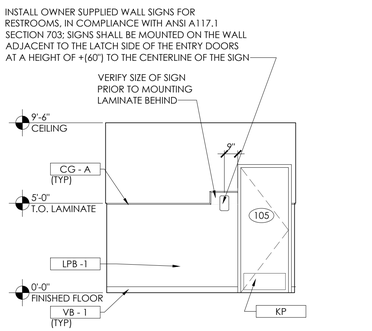
B3 UNISEX 2 #105

SCALE: 1/4" = 1'-0"



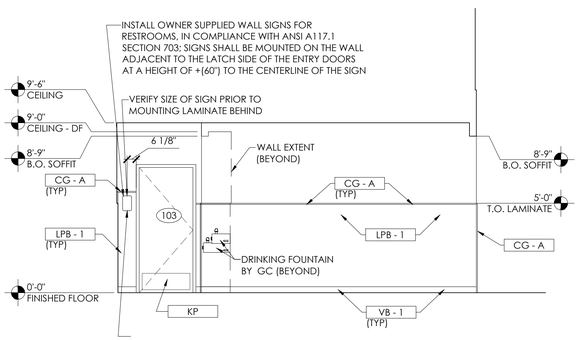
A3 UNISEX 2 #105

SCALE: 1/4" = 1'-0"



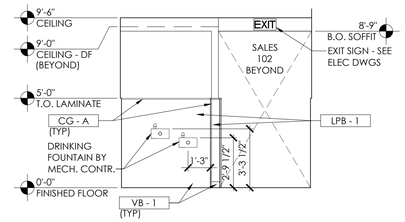
D2 Hallway #104

SCALE: 1/4" = 1'-0"



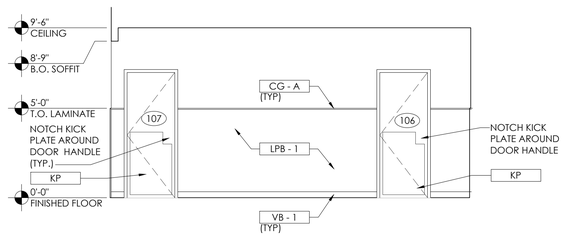
C2 Hallway #104

SCALE: 1/4" = 1'-0"



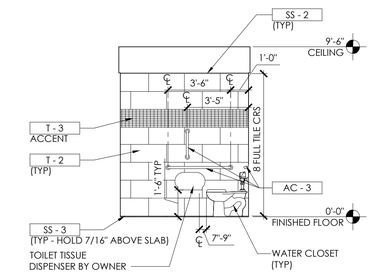
B2 Hallway #104

SCALE: 1/4" = 1'-0"



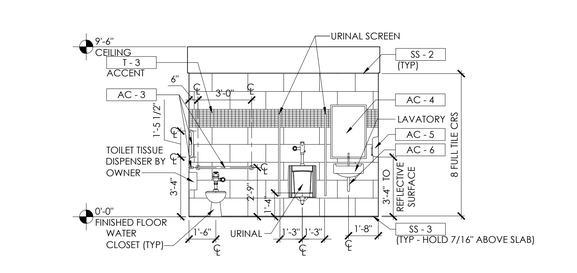
A2 Hallway #104

SCALE: 1/4" = 1'-0"



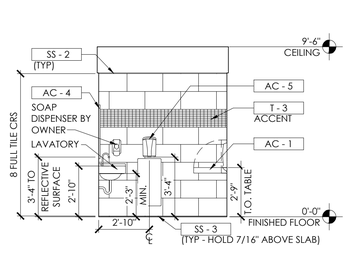
D1 UNISEX 1 #103

SCALE: 1/4" = 1'-0"



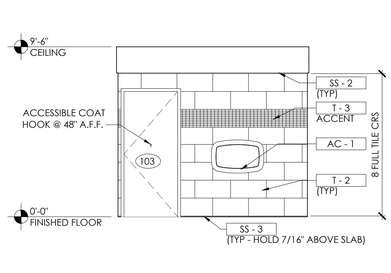
C1 UNISEX 1 #103

SCALE: 1/4" = 1'-0"



B1 UNISEX 1 #103

SCALE: 1/4" = 1'-0"



A1 UNISEX 1 #103

SCALE: 1/4" = 1'-0"

PLOTTED: 7/17/2019 2:36 PM

D C B A

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	Issued:	Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
E		

	Revisions:	Date:
1	Addendum 1	07/12/19
2		
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Certificate of Authority #A-2008031944
Architecture

DRAWN BY: ER

REVIEWED BY: GT

GT

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

07/22/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
10505 S. K7 Highway
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(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Interior Elevations
Drawing Name:

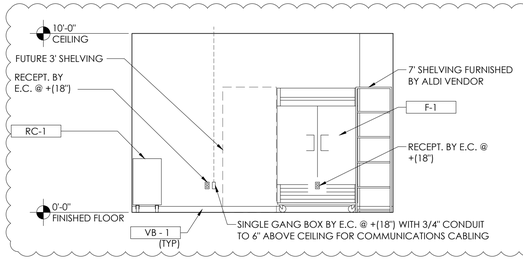
Date: 06/25/19
Type:RHRDV7ER
Drawn By:
Scale: As Noted

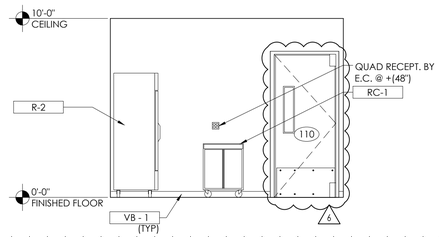
Project No. 1813308

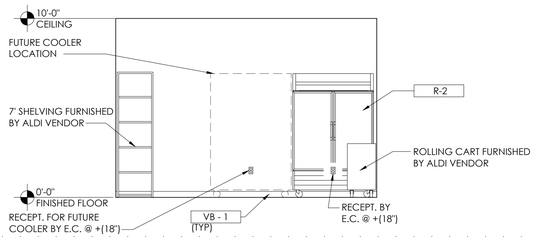
A-215
Drawing No.

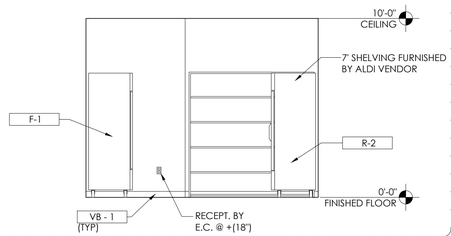
NOTE:

REFER TO DRAWING A-603 FOR ALL FINISH CALL-OUTS



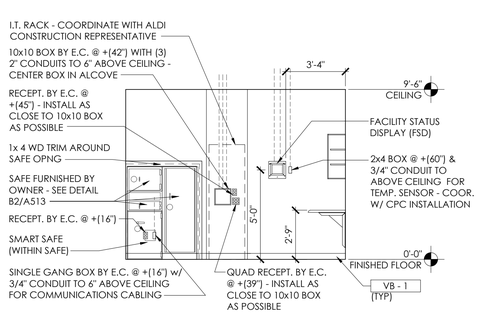






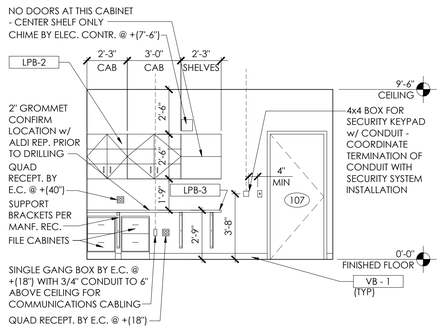
D3 eCommerce #110

SCALE: 1/4" = 1'-0"



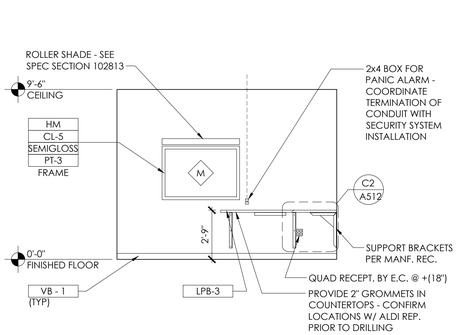
C3 eCommerce #110

SCALE: 1/4" = 1'-0"



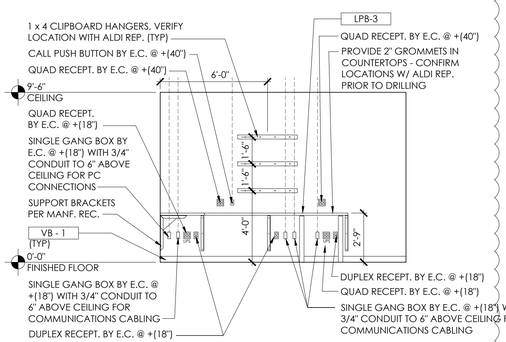
B3 eCommerce #110

SCALE: 1/4" = 1'-0"



A3 eCommerce #110

SCALE: 1/4" = 1'-0"



D2 Office #107

SCALE: 1/4" = 1'-0"

C2 Office #107

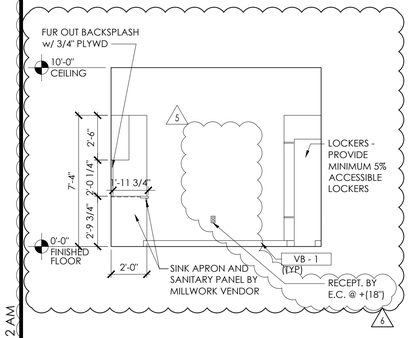
SCALE: 1/4" = 1'-0"

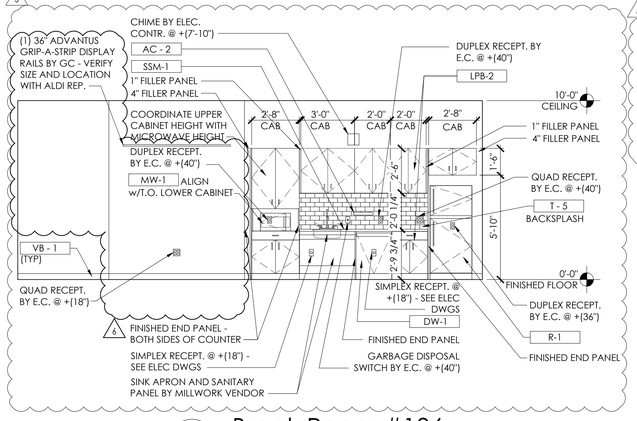
B2 Office #107

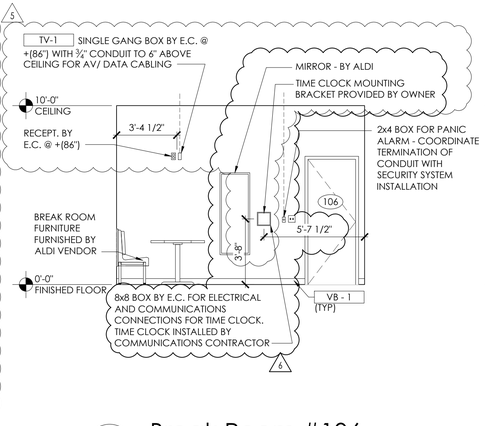
SCALE: 1/4" = 1'-0"

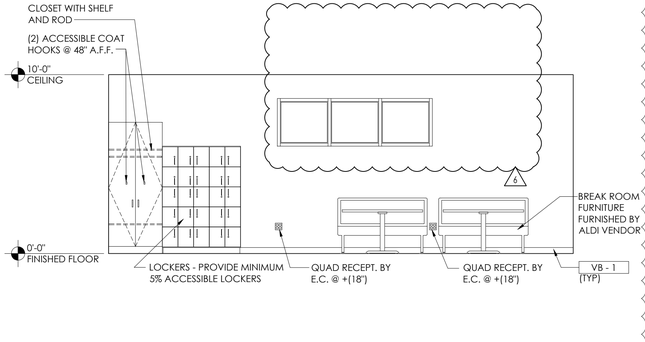
A2 Office #107

SCALE: 1/4" = 1'-0"









D1 Break Room #106

SCALE: 1/4" = 1'-0"

C1 Break Room #106

SCALE: 1/4" = 1'-0"

B1 Break Room #106

SCALE: 1/4" = 1'-0"

A1 Break Room #106

SCALE: 1/4" = 1'-0"

	Issued:	Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
E		

	Revisions:	Date:
1	Addendum 1	
2		
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4		
5	ADD 5	10/23/19
6	CCD 1	11/25/19
7		
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www.sgadesigngroup.com
Certificate of Authority #A-2008031944
Architecture

DRAWN BY: ER

REVIEWED BY: GT

GT

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

11/26/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Interior Elevations

Drawing Name:

Date: 06/25/19

Type:RHRDV7ER

Drawn By:

Scale: As Noted

Project No. 1813308

A-216

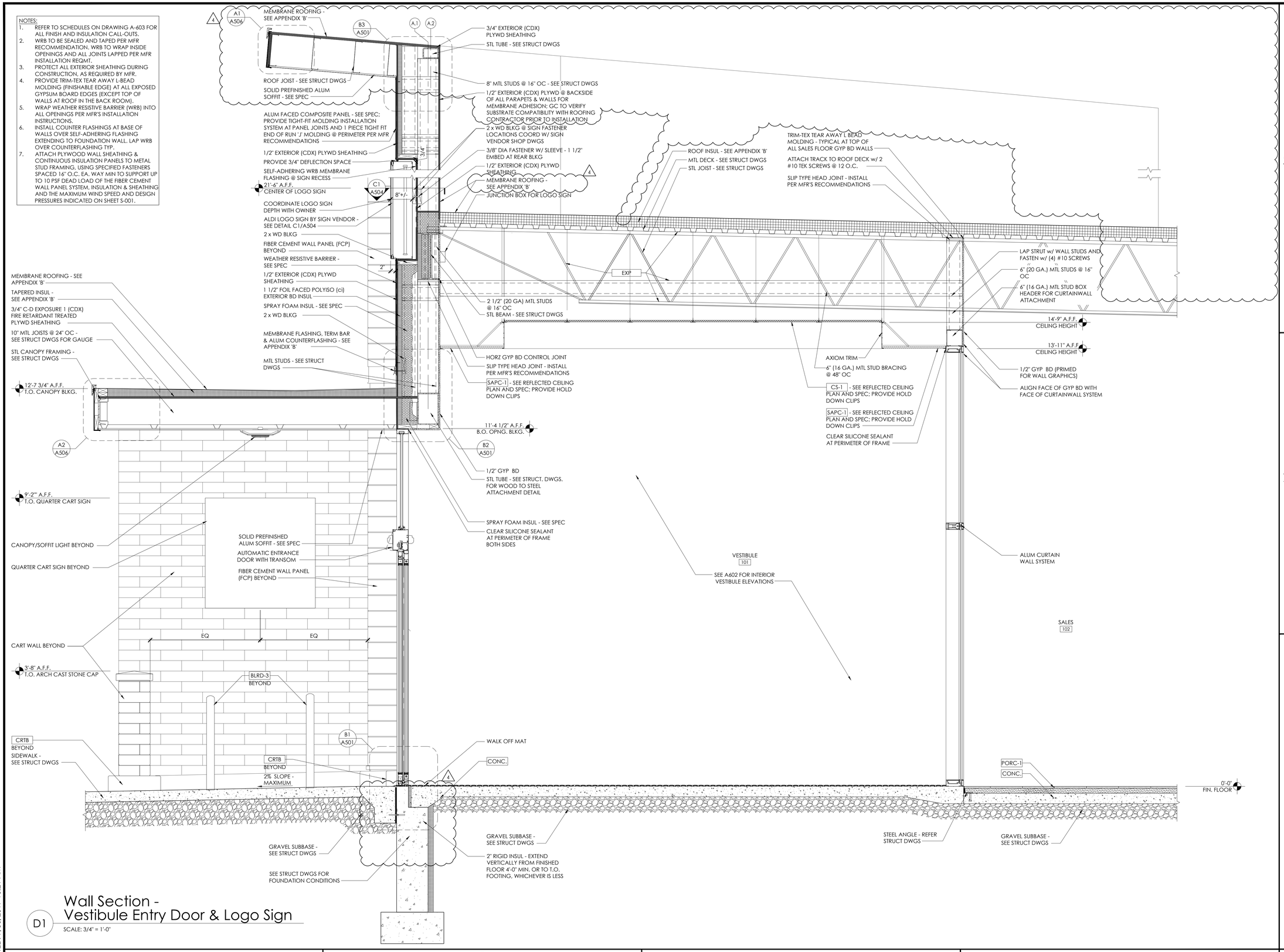
Drawing No.

3 2 1

D C B A

PLOTTED: 11/25/2019 11:12 AM

NOTES:
1. REFER TO SCHEDULES ON DRAWING A-603 FOR ALL FINISH AND INSULATION CALL-OUTS.
2. WRB TO BE SEALED AND TAPED PER MFR RECOMMENDATION. WRB TO WRAP INSIDE OPENINGS AND ALL JOINTS LAPPED PER MFR INSTALLATION REQMT.
3. PROTECT ALL EXTERIOR SHEATHING DURING CONSTRUCTION, AS REQUIRED BY MFR.
4. PROVIDE TRIM-TEX TEAR AWAY L-BEAD MOLDING (FINISHABLE EDGE) AT ALL EXPOSED GYPSUM BOARD EDGES (EXCEPT TOP OF WALLS AT ROOF IN THE BACK ROOM).
5. WRAP WEATHER RESISTIVE BARRIER (WRB) INTO ALL OPENINGS PER MFR'S INSTALLATION INSTRUCTIONS.
6. INSTALL COUNTER FLASHINGS AT BASE OF WALLS OVER SELF-ADHERING FLASHING EXTENDING TO FOUNDATION WALL. LAP WRB OVER COUNTERFLASHING TYP.
7. ATTACH PLYWOOD WALL SHEATHING & CONTINUOUS INSULATION PANELS TO METAL STUD FRAMING, USING SPECIFIED FASTENERS SPACED 16" O.C. EA. WAY MIN TO SUPPORT UP TO 10 PSF DEAD LOAD OF THE FIBER CEMENT WALL PANEL SYSTEM, INSULATION & SHEATHING AND THE MAXIMUM WIND SPEED AND DESIGN PRESSURES INDICATED ON SHEET S-001.



Wall Section - Vestibule Entry Door & Logo Sign

D1

SCALE: 3/4" = 1'-0"

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
E		

Revisions:		Date:
1		
2		
3		
4	ADD 4	10/04/19
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Architecture

DRAWN BY: ER

REVIEWED BY: GT

HS

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

10/04/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

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Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Wall Sections
Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Drawn By:
Scale: As Noted

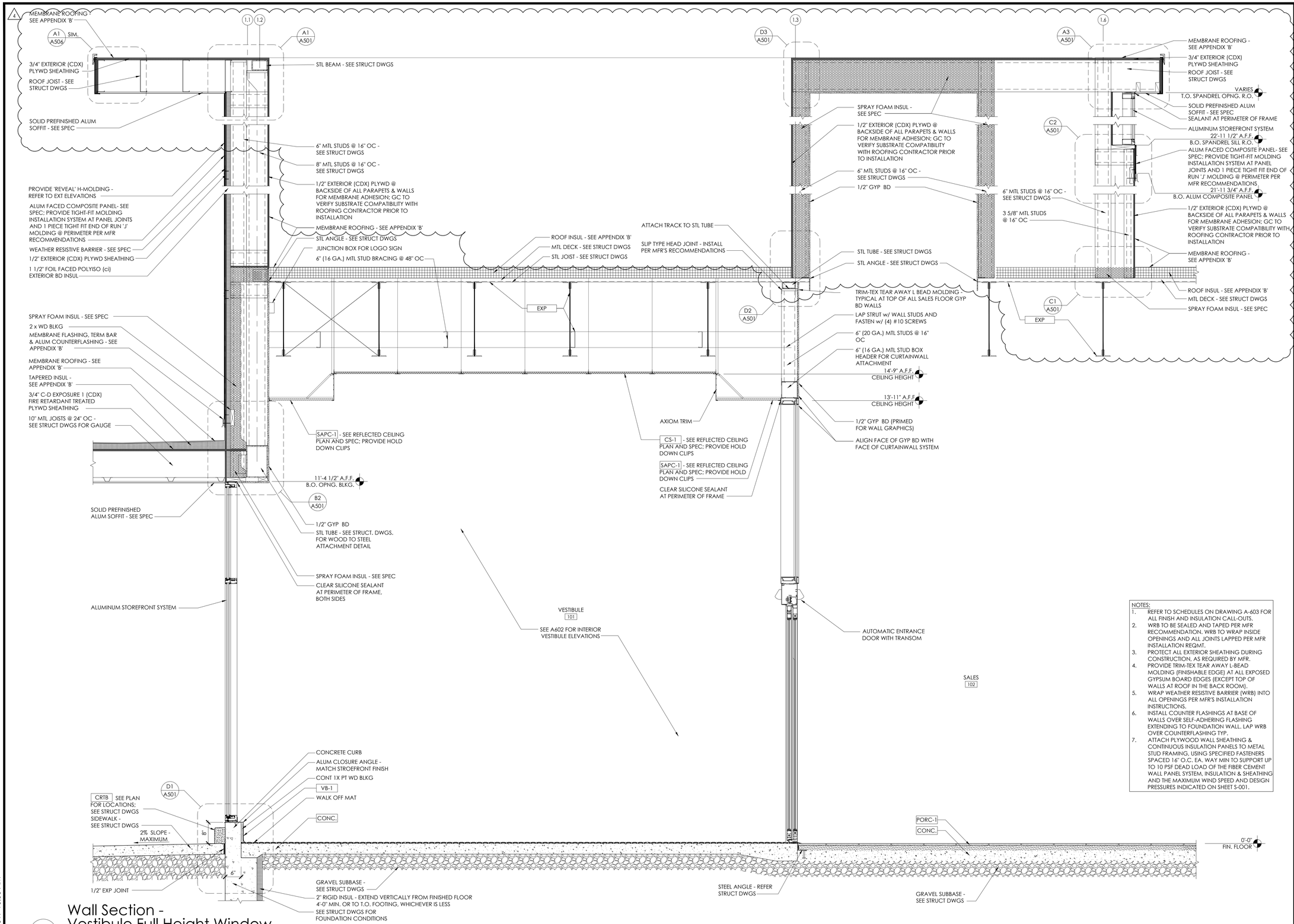
Project No. 1813308

A-301
Drawing No.

3 2 1

D C B A

PLOTTED: 9/30/2019 10:21 AM



NOTES:
1. REFER TO SCHEDULES ON DRAWING A-603 FOR ALL FINISH AND INSULATION CALL-OUTS.
2. WRB TO BE SEALED AND TAPED PER MFR RECOMMENDATION. WRB TO WRAP INSIDE OPENINGS AND ALL JOINTS LAPPED PER MFR INSTALLATION REQMT.
3. PROTECT ALL EXTERIOR SHEATHING DURING CONSTRUCTION, AS REQUIRED BY MFR.
4. PROVIDE TRIM-TEX TEAR AWAY L-BEAD MOLDING (FINISHABLE EDGE) AT ALL EXPOSED GYPSUM BOARD EDGES (EXCEPT TOP OF WALLS AT ROOF IN THE BACK ROOM).
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6. INSTALL COUNTER FLASHINGS AT BASE OF WALLS OVER SELF-ADHERING FLASHING EXTENDING TO FOUNDATION WALL. LAP WRB OVER COUNTERFLASHING TYP.
7. ATTACH PLYWOOD WALL SHEATHING & CONTINUOUS INSULATION PANELS TO METAL STUD FRAMING, USING SPECIFIED FASTENERS SPACED 16" O.C. EA. WAY MIN TO SUPPORT UP TO 10 PSF DEAD LOAD OF THE FIBER CEMENT WALL PANEL SYSTEM, INSULATION & SHEATHING AND THE MAXIMUM WIND SPEED AND DESIGN PRESSURES INDICATED ON SHEET S-001.

Wall Section - Vestibule Full Height Window

D1

SCALE: 3/4" = 1'-0"

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
E		

Revisions:		Date:
1		
2		
3		
4	ADD 4	10/04/19
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Architecture

DRAWN BY: ER

REVIEWED BY: GT

HS

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

10/04/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Wall Sections
Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

A-302
Drawing No.

PLOTTED: 9/30/2019 10:50 AM

D C B A

3 2 1

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1. REFER TO SCHEDULES ON DRAWING A-603 FOR ALL FINISH AND INSULATION CALL-OUTS.
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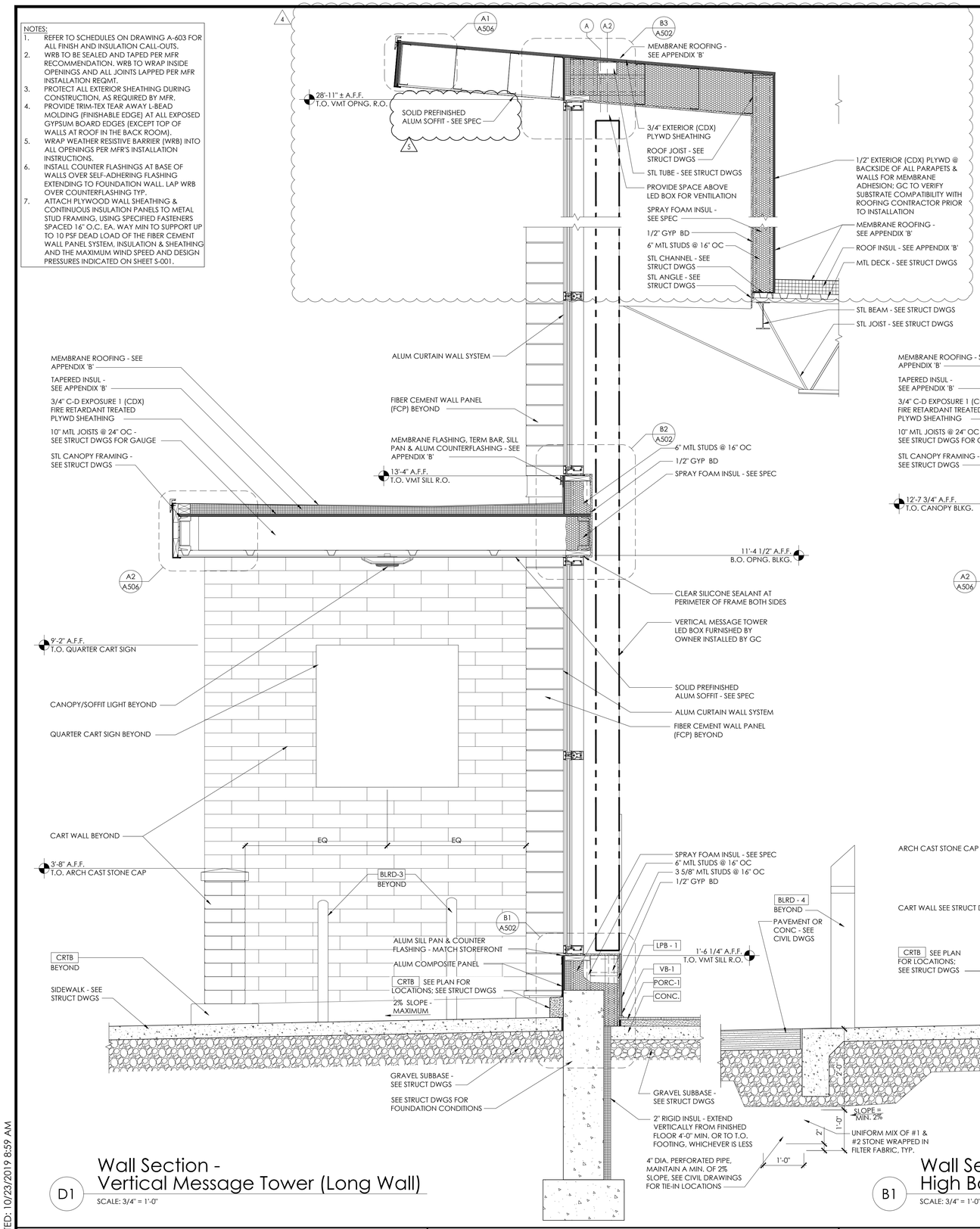
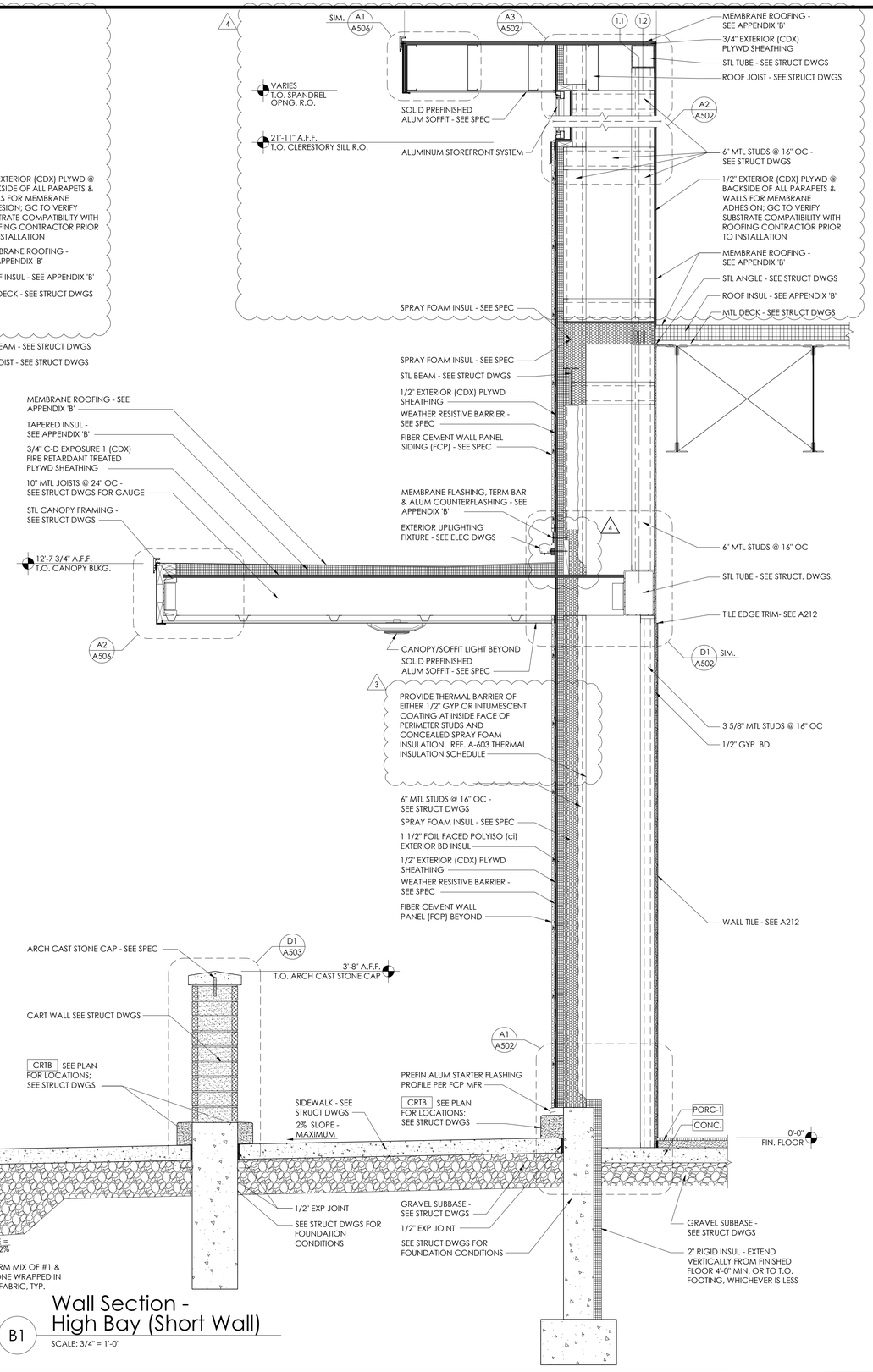
6. INSTALL COUNTER FLASHINGS AT BASE OF WALLS OVER SELF-ADHERING FLASHING EXTENDING TO FOUNDATION WALL. LAP WRB OVER COUNTERFLASHING TYP.
7. ATTACH PLYWOOD WALL SHEATHING & CONTINUOUS INSULATION PANELS TO METAL STUD FRAMING, USING SPECIFIED FASTENERS SPACED 16" O.C. EA. WAY MIN TO SUPPORT UP TO 10 PSF DEAD LOAD OF THE FIBER CEMENT WALL PANEL SYSTEM, INSULATION & SHEATHING AND THE MAXIMUM WIND SPEED AND DESIGN PRESSURES INDICATED ON SHEET S-001.



Wall Section - Vertical Message Tower (Long Wall)

D1 — SCALE: 3/4" = 1'-0"



Wall Section - High Bay (Short Wall)

B1 — SCALE: 3/4" = 1'-0"

Issued:		Date:
A	Client Review	02/14/18
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Revisions:		Date:
1		
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3	Addendum 3	08/19/19
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5	ADD 5	10/23/19
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Certificate of Authority #A-2008031944
Architecture

DRAWN BY: ER

REVIEWED BY: GT

GT

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

10/23/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
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Olathe, KS 66061
(630) 879-8100
(630) 879-8132 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY

Project Name & Location:

Wall Sections
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

A-303
Drawing No.

PLOTTED: 10/23/2019 8:59 AM

D C B A

3 2 1

NOTES:
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2. WRB TO BE SEALED AND TAPED PER MFR RECOMMENDATION. WRB TO WRAP INSIDE OPENINGS AND ALL JOINTS LAPPED PER MFR INSTALLATION REQMT.
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4. PROVIDE TRIMA-TEX TEAR AWAY L-BEAD MOLDING (FINISHABLE EDGE) AT ALL EXPOSED GYPSUM BOARD EDGES (EXCEPT TOP OF WALLS AT ROOF IN THE BACK ROOM).
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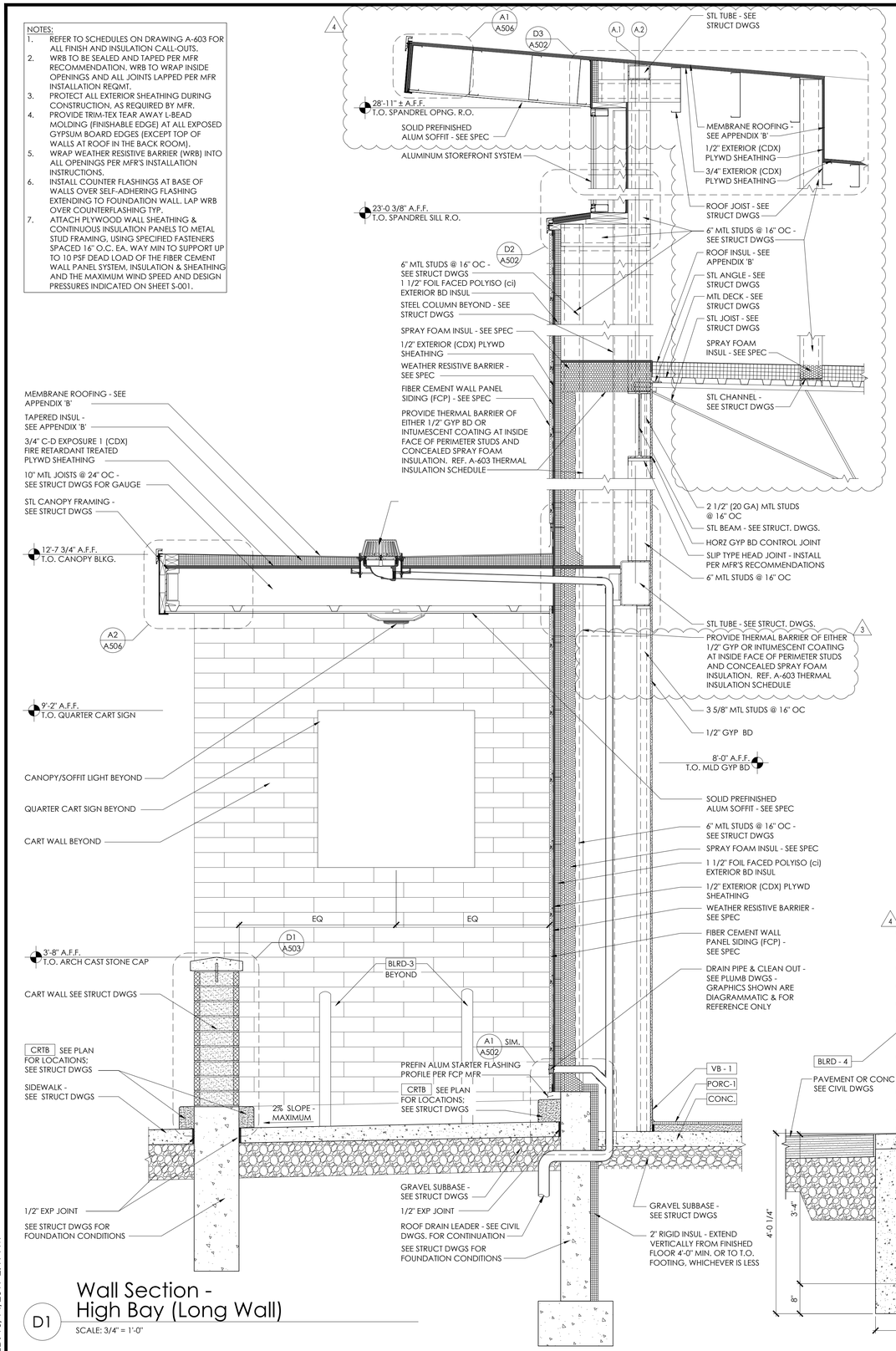
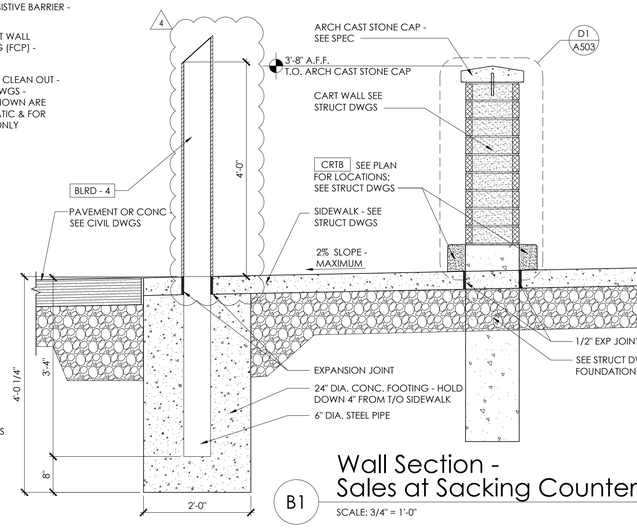


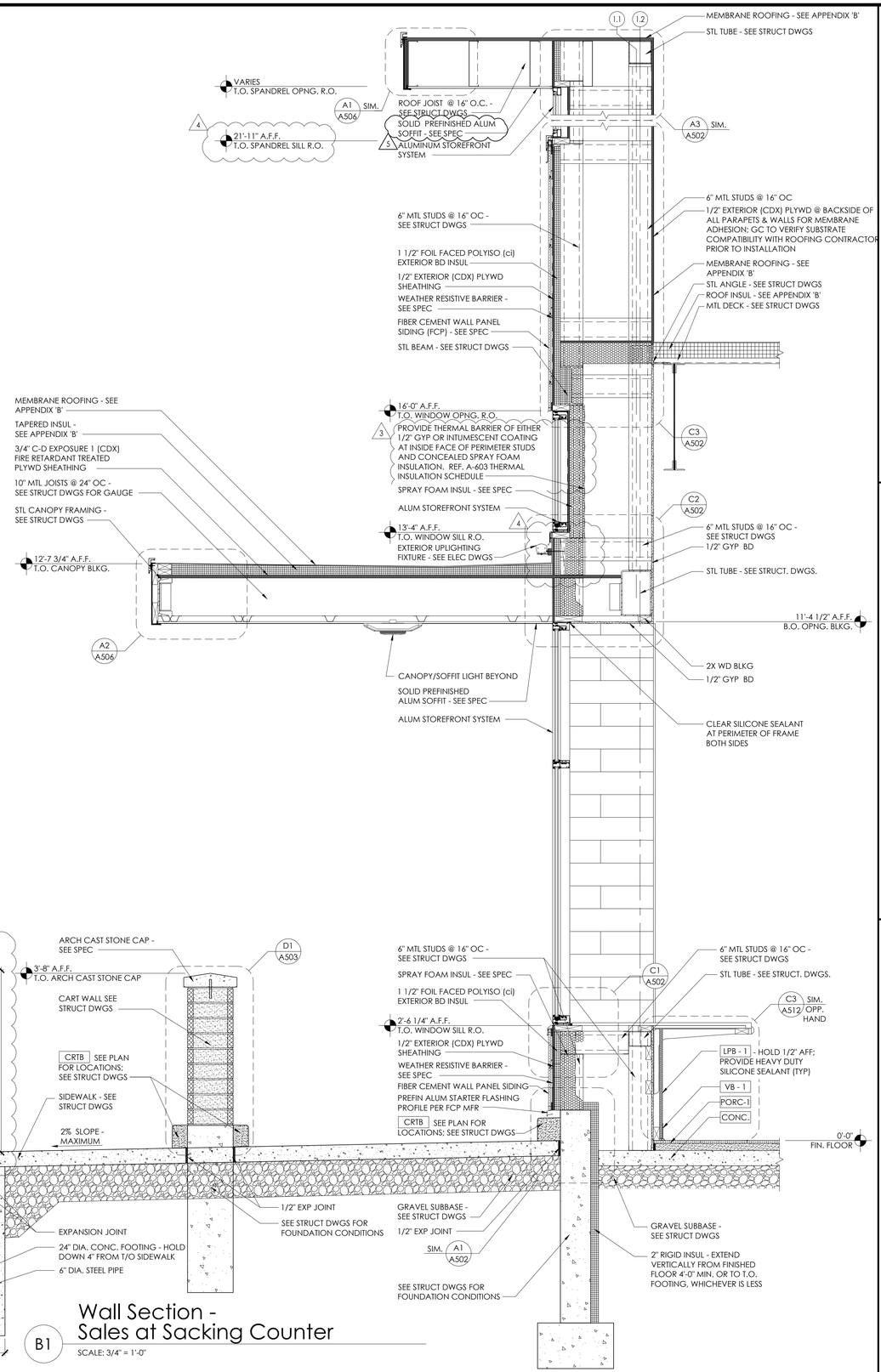
Wall Section - High Bay (Long Wall)

D1 SCALE: 3/4" = 1'-0"



Wall Section - Sales at Sacking Counter

B1 SCALE: 3/4" = 1'-0"



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Certificate of Authority #A-2008031944
Architecture

DRAWN BY: ER

REVIEWED BY: GT GT

Seal

10/23/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

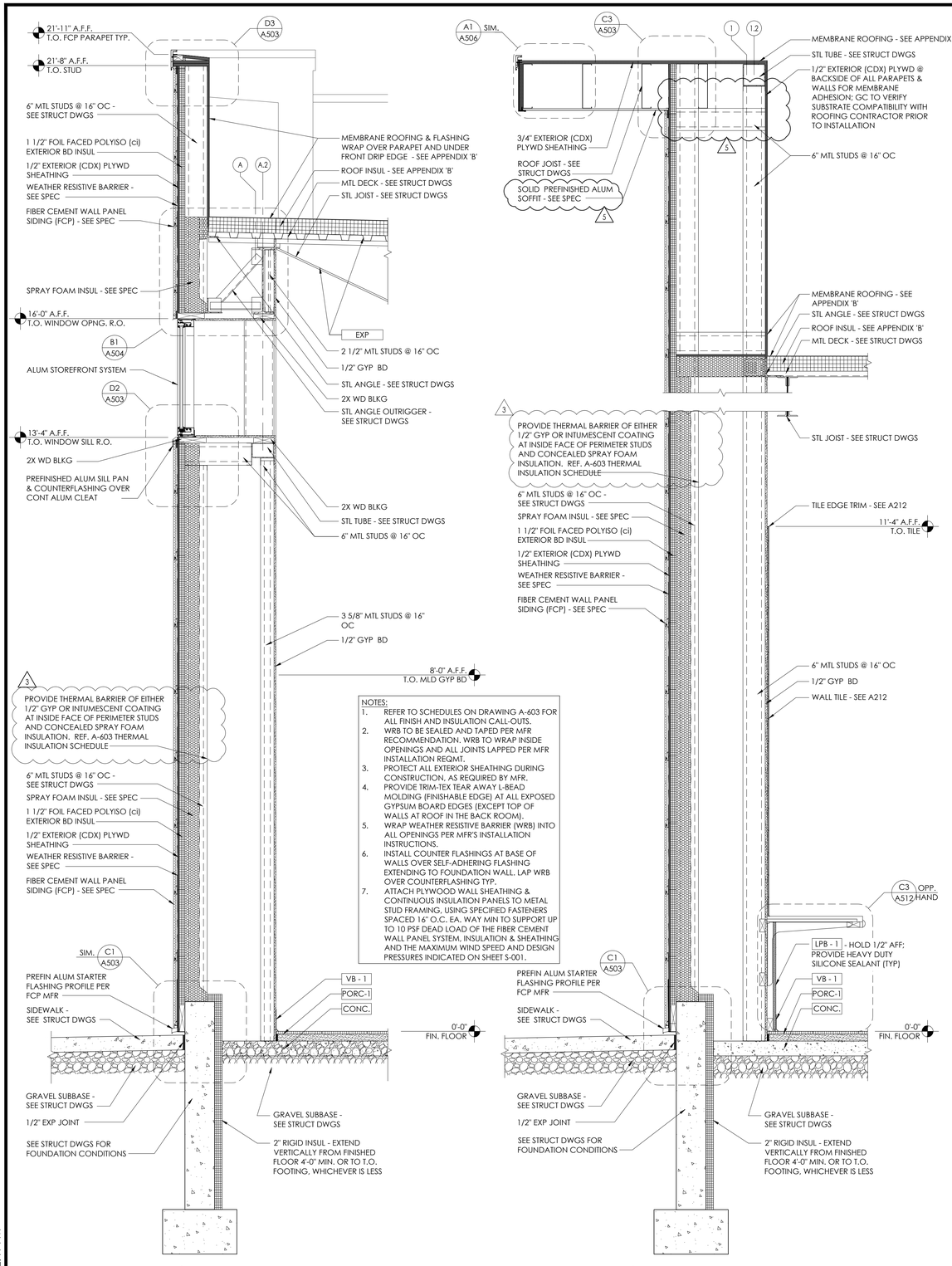
Wall Sections
Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

A-304 Drawing No.

3 2 1



D1 Wall Section - Sales (Long Wall)
SCALE: 3/4" = 1'-0"

C1 Wall Section - Sales at Sacking Counter
SCALE: 3/4" = 1'-0"

B1 Wall Section - High Joist Bearing
SCALE: 3/4" = 1'-0"

A1 Wall Section - Low Joist Bearing
SCALE: 3/4" = 1'-0"

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Revisions:		Date:
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3	Addendum 3	08/19/19
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2

DRAWN BY: ER

REVIEWED BY: GT

GT

Seal

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

1

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY

Project Name & Location:

Wall Sections

Drawing Name:

Date: 06/25/19	Project No. 1813308
Type:RHRDV7ER	
Drawn By:	A-305
Scale: As Noted	Drawing No.

PLOTTED: 10/14/2019 2:41 PM

D C B A

NOTES:
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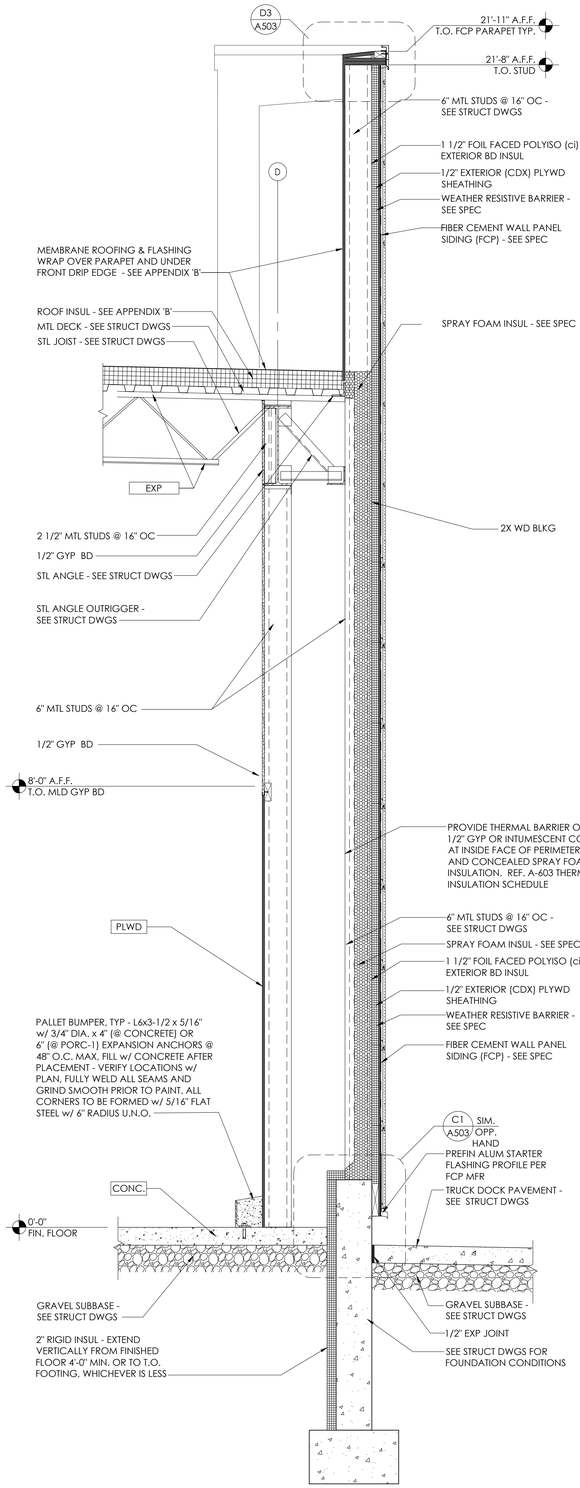
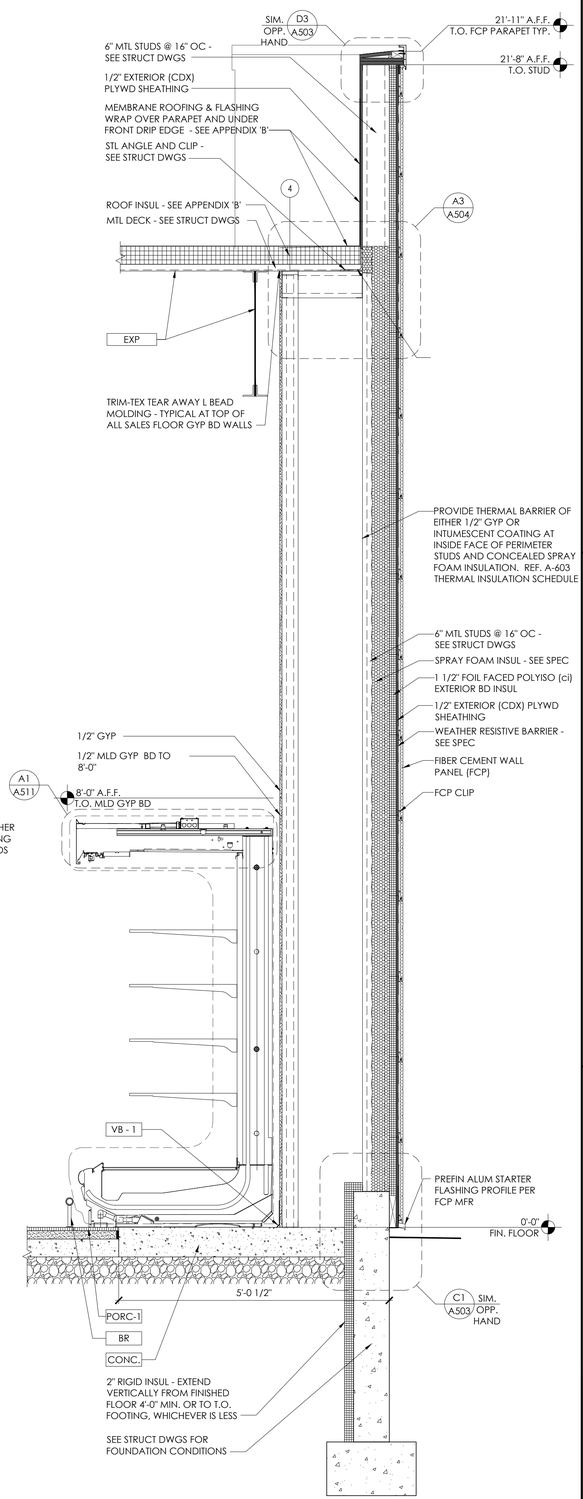


B1 Partial Wall Section - Wall at Low Joist Bearing

SCALE: 3/4" = 1'-0"



A1 Wall Section - Sales Floor at MDU

SCALE: 3/4" = 1'-0"

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Certificate of Authority #A-2008031944
Architecture

DRAWN BY: ER

G.T.

REVIEWED BY: GT

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
MARCH HIRE

08/19/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Wall Sections
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

A-307
Drawing No.

3 2 1

D C B A

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NOTES:
1. REFER TO SCHEDULES ON DRAWING A-603 FOR ALL FINISH AND INSULATION CALL-OUTS.
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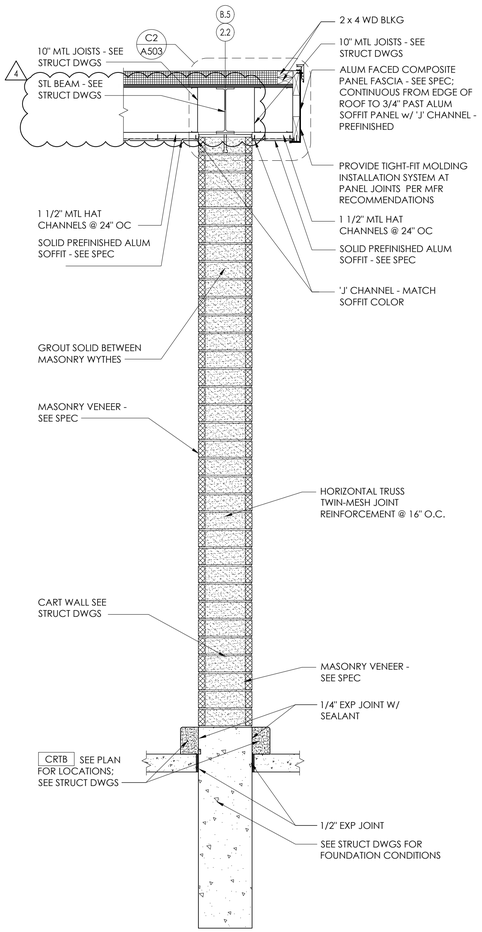
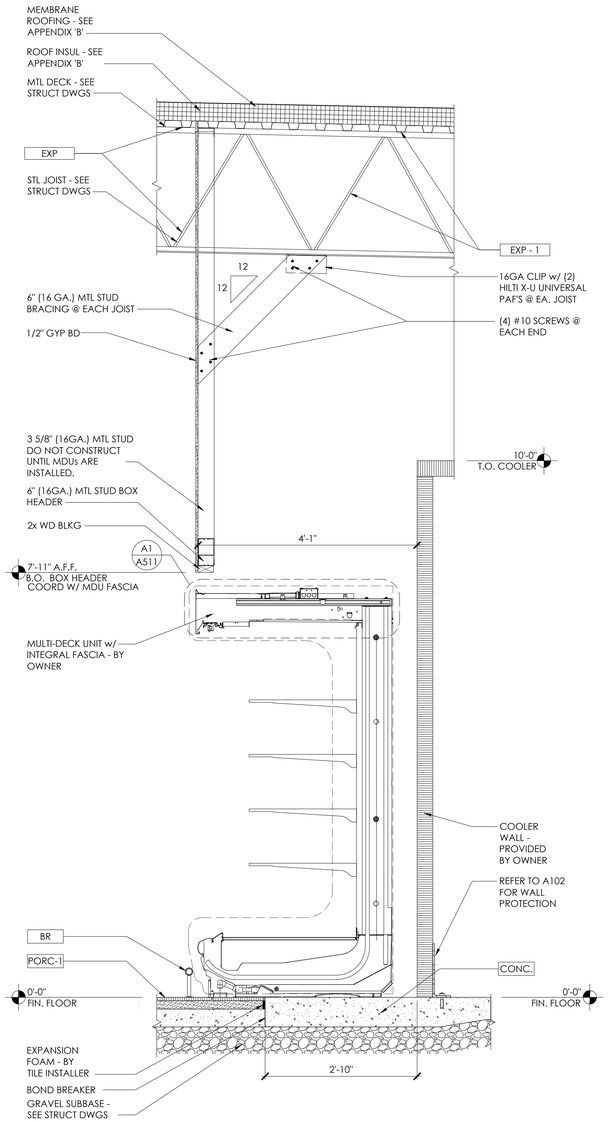


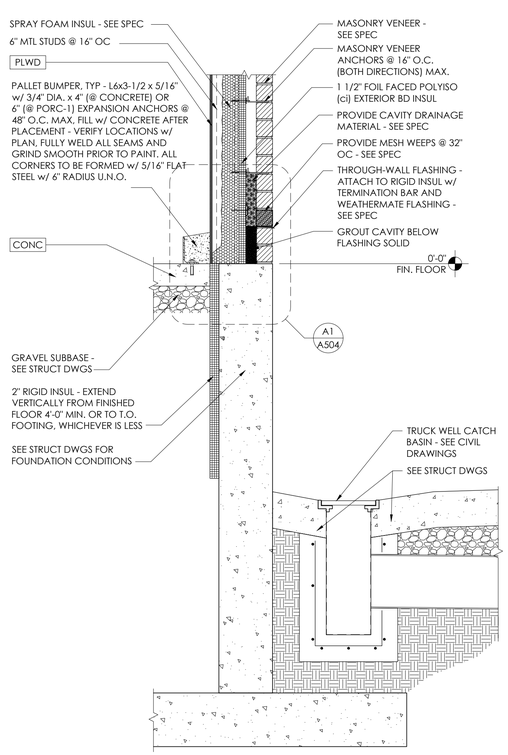
D1 Wall Section - Cart Storage End Wall

SCALE: 3/4" = 1'-0"



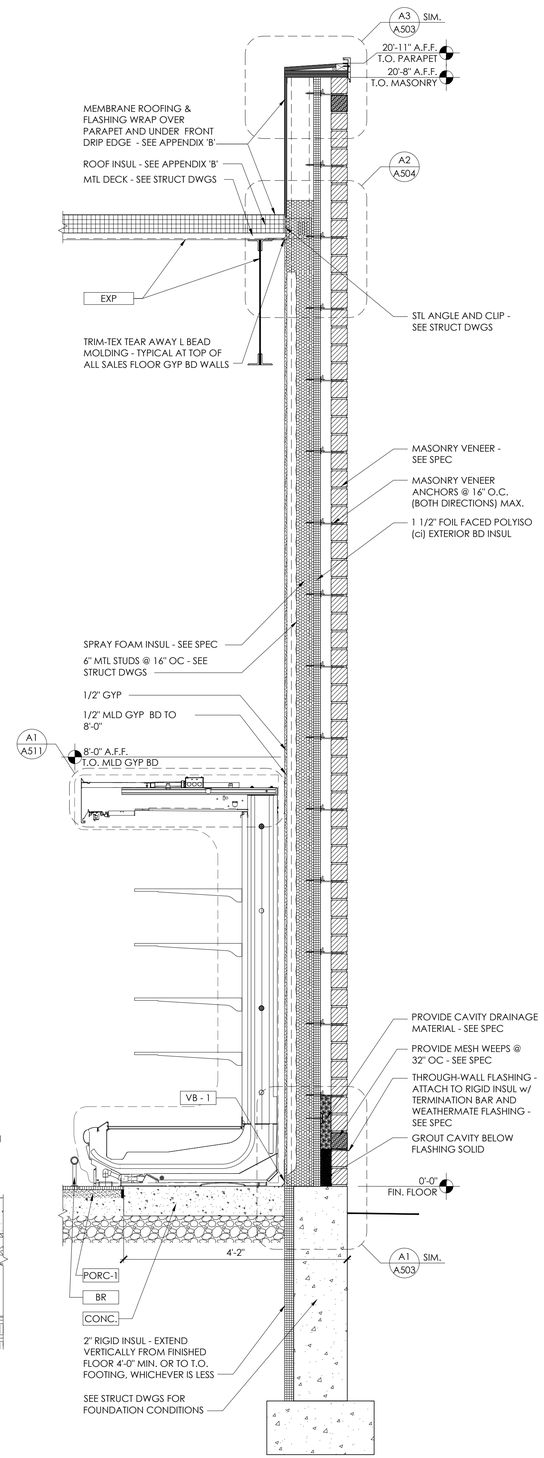
C1 Wall Section - MDU at Cooler

SCALE: 3/4" = 1'-0"



B1 Partial Wall Section - Dock Wall & Truck Well Catch Basin

SCALE: 3/4" = 1'-0"



A1 Wall Section - Sales Floor at MDU

SCALE: 3/4" = 1'-0"

PLOTTED: 9/30/2019 5:21 PM

D C B A

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Architecture

2

DRAWN BY: ER

REVIEWED BY: GT

HS

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

10/04/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
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(630) 879-8152 fax

1

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

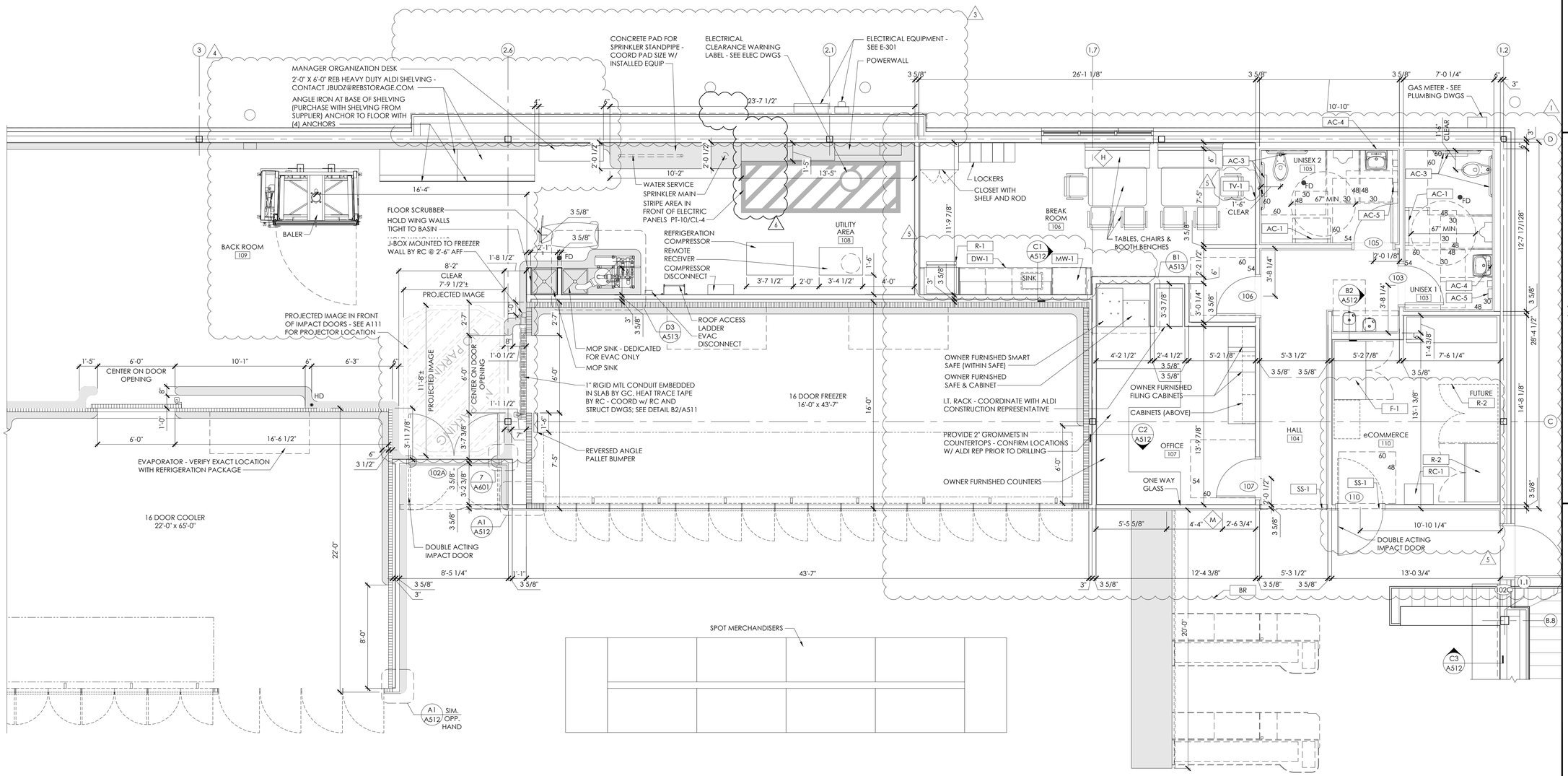
Wall Sections
Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

A-306
Drawing No.

NOTE:
1. CONTRACTOR TO VERIFY LOCATIONS OF ALL WALL MOUNTED ITEMS AND PROVIDE SOLID BLOCKING FOR MOUNTING.
2. MILLWORK DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. DIMENSIONS SHOULD BE VERIFIED AND COORDINATED WITH MILLWORK SUPPLIER.



Enlarged Plan - Cooler / Freezer / Ancillary

C1

SCALE: 1/4" = 1'-0"

NORTH

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1	Addendum 1	07/12/19
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Architecture

DRAWN BY: ER

REVIEWED BY: GT

GT

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

11/26/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

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ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Enlarged Plans

Drawing Name:

Date: 06/25/19

Type:RHRDV7ER

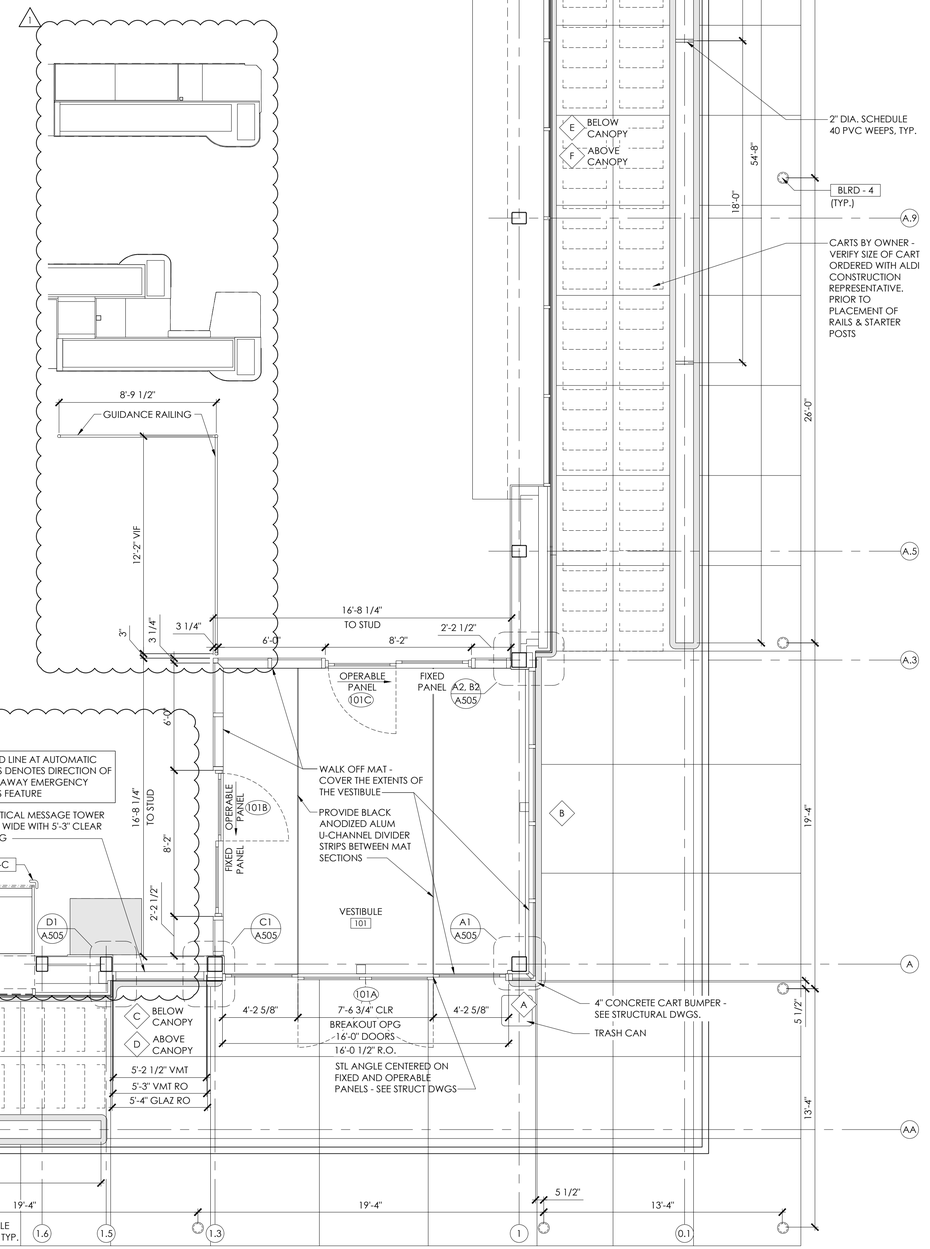
Drawn By:

Scale: As Noted

Project No.
1813308

A-401
Drawing No.

PLOTTED: 11/25/2019 11:13 AM



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D1

Enlarged Plan - Entry

SCALE: 1/4" = 1'-0"

NORTH

	Issued:	Date:
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B	Permit Set	06/25/19
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Certificate of Authority #A-2008031944
Architecture

2

DRAWN BY: ER

REVIEWED BY: GT

GT

Seal

07/22/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8132 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

1

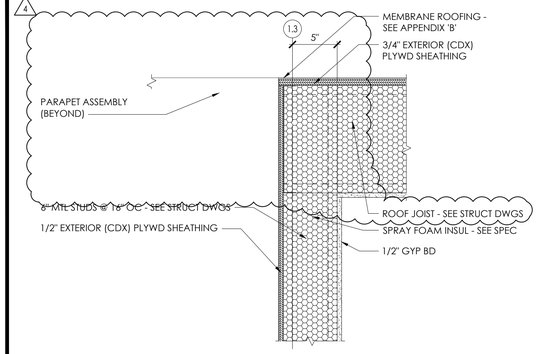
Enlarged Plans

Drawing Name:

Date: 06/25/19	Project No. 1813308
Type:RHRDV7ER	
Drawn By:	A-402
Scale: As Noted	Drawing No.

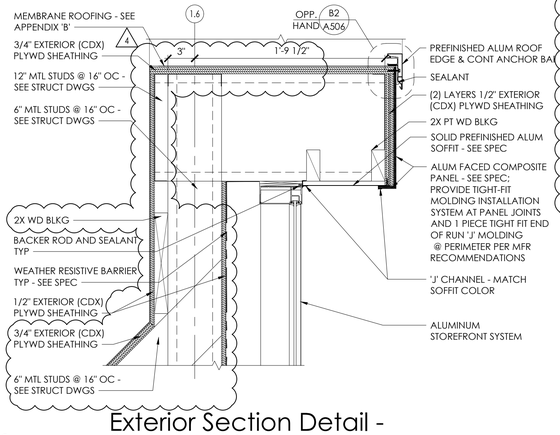
PLOTTED: 7/17/2019 3:59 PM

D C B A



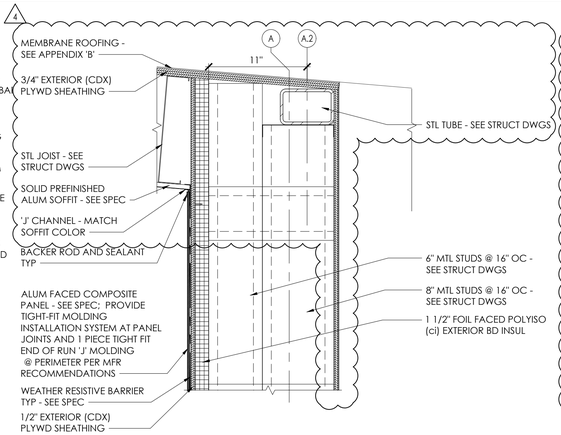
Exterior Section Detail - Vertical Message Tower at High Roof

D3 SCALE: 1 1/2" = 1'-0"



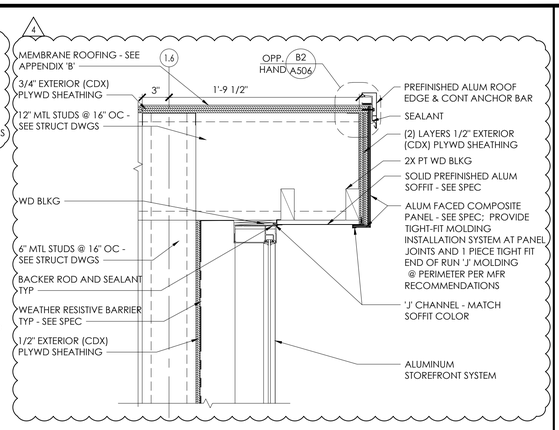
Exterior Section Detail - Spandrel Head

C3 SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Alum Comp Panel at Overhang

B3 SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Roof Termination at Overhang

A3 SCALE: 1 1/2" = 1'-0"

Exterior Section Detail - Curb at Vestibule Storefront

D2 SCALE: 1 1/2" = 1'-0"

Exterior Section Detail - Roof Termination at Spandrel Sill

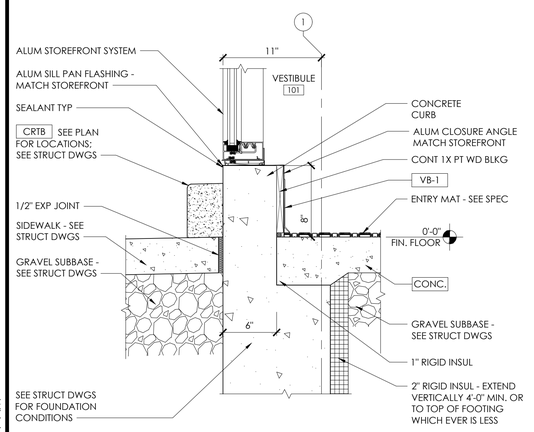
C2 SCALE: 1 1/2" = 1'-0"

Exterior Section Detail - Storefront Head at Vestibule

B2 SCALE: 1 1/2" = 1'-0"

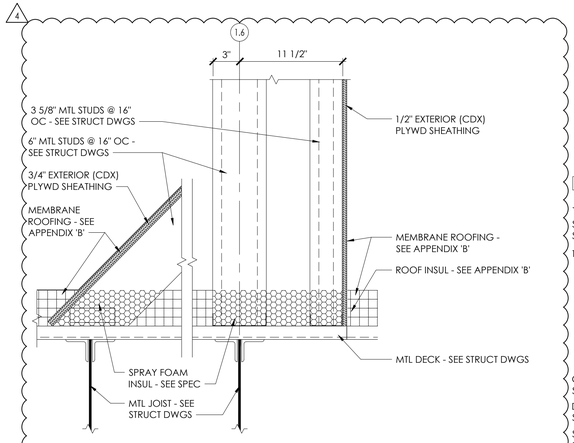
Exterior Detail - Parapet Vent

A2 SCALE: 6" = 1'-0"



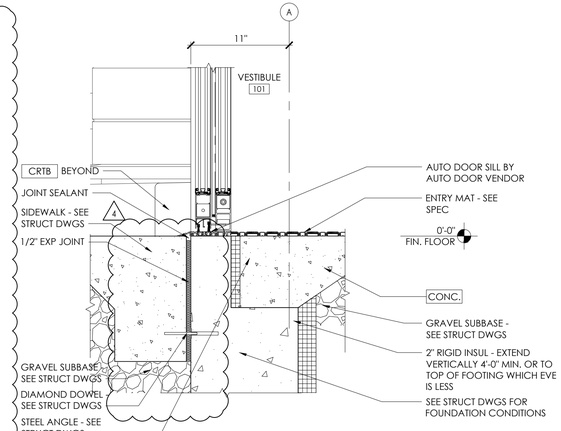
Exterior Section Detail - Curb at Vestibule Storefront

D1 SCALE: 1 1/2" = 1'-0"



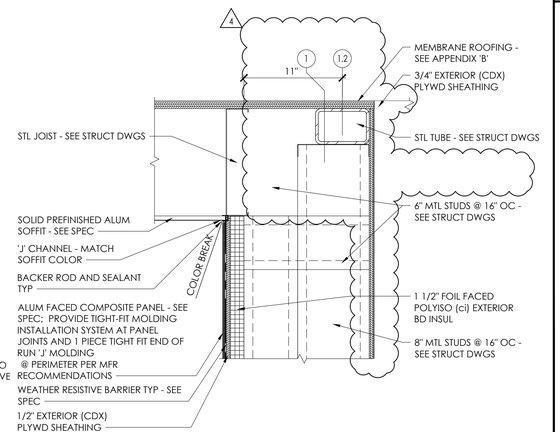
Exterior Section Detail - Roof Intersection at Return Wall

C1 SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Slab at Auto Sliding Door

B1 SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Alum Comp Panel at Overhang

A1 SCALE: 1 1/2" = 1'-0"

	Issued:	Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
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	Revisions:	Date:
1		
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4	ADD 4	10/04/19
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DRAWN BY: ER

REVIEWED BY: GT

HS

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

10/04/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

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Architecture

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(630) 879-8132 fax

1

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Exterior Details
Drawing Name:

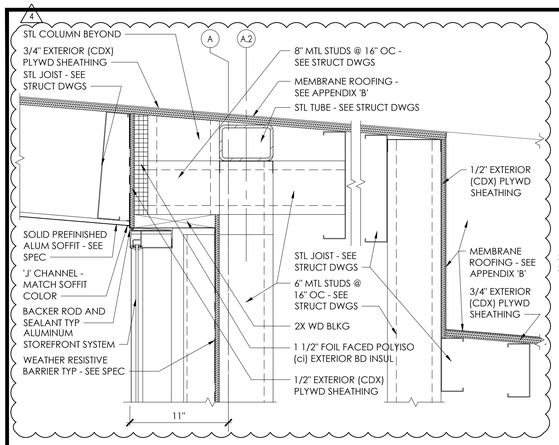
Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

A-501
Drawing No.

D C B A

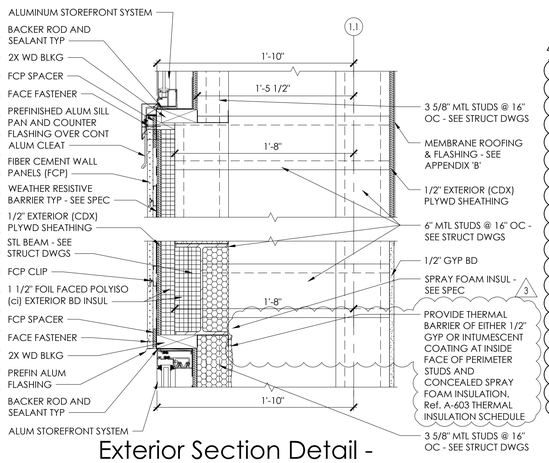
PLOTTED: 10/1/2019 11:17 AM



Exterior Section Detail - Spandrel Head at Long Wall

D3

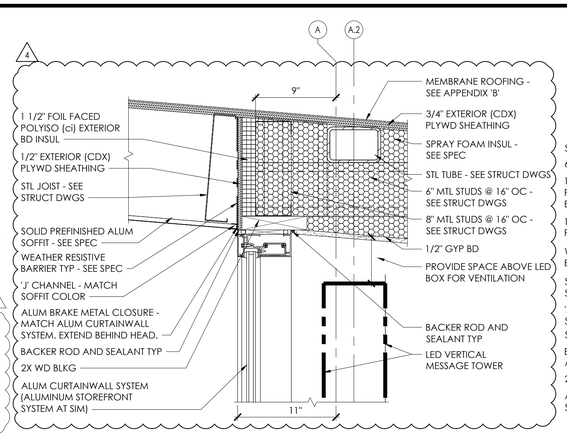
SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Spandrel Sill/Spandrel Head

C3

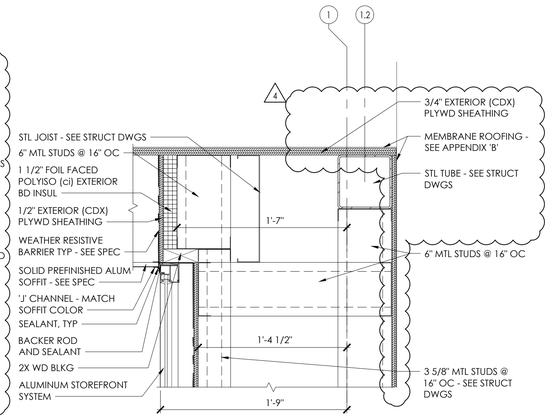
SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Vertical Message Tower Head

B3

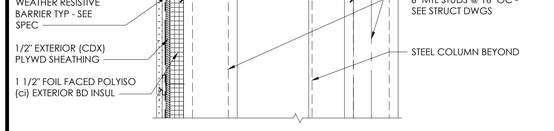
SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Spandrel Head

A3

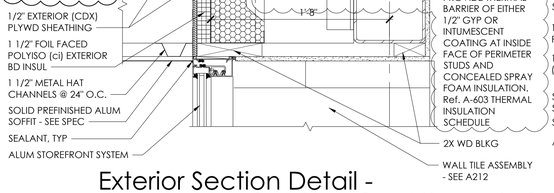
SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Spandrel Sill at Long Wall

D2

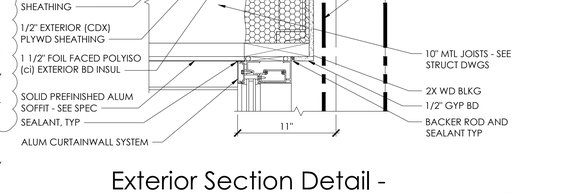
SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Canopy Roof at Storefront/Spandrel

C2

SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Vertical Message Tower Head & Sill

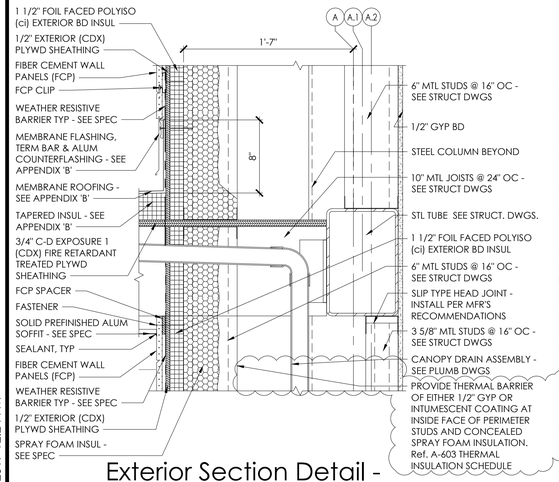
B2

SCALE: 1 1/2" = 1'-0"

Exterior Section Detail - Spandrel Sill

A2

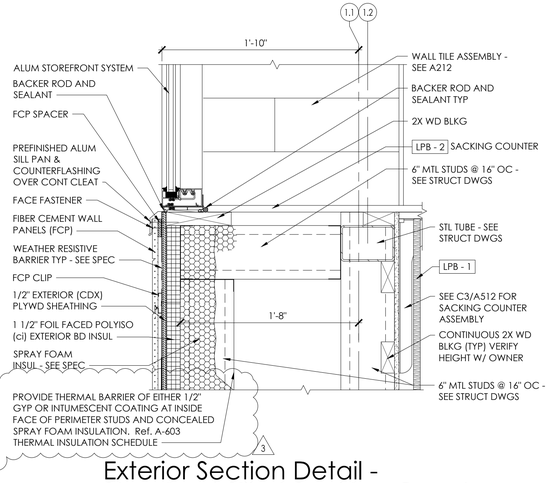
SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Canopy Roof at Fiber Cement Panel

D1

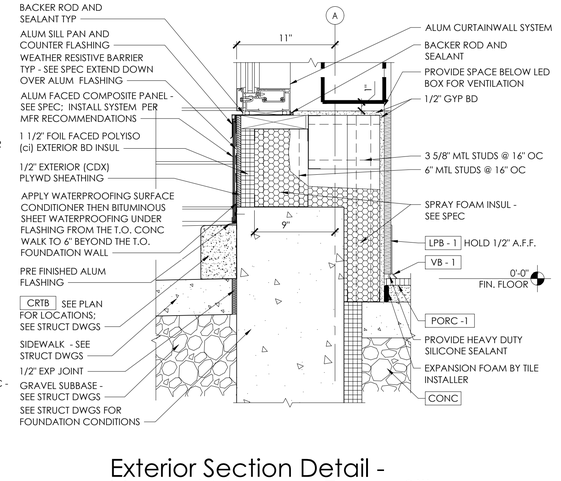
SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Storefront Sill at Sacking Counter

C1

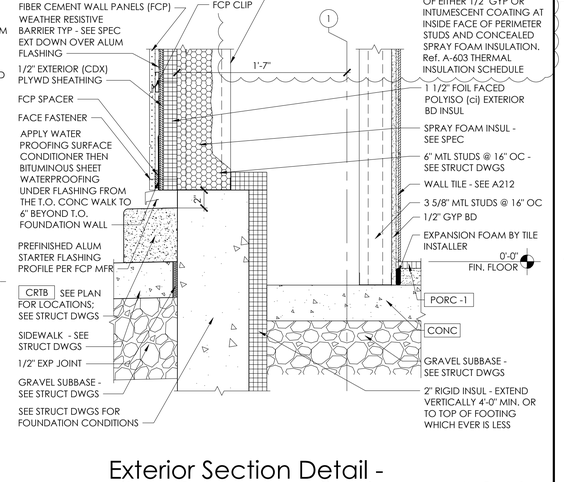
SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Vertical Message Tower Sill

B1

SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Fiber Cement Wall Pnl Base at Curb

A1

SCALE: 1 1/2" = 1'-0"

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
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Revisions:		Date:
1		
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3	Addendum 3	08/19/19
4	ADD 4	10/04/19
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Certificate of Authority #A-2008031944
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DRAWN BY: ER

REVIEWED BY: GT

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STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

10/04/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
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Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY

1

Project Name & Location:

Exterior Details

Drawing Name:

Date: 06/25/19	Project No. 1813308
Type:RHRDV7ER	
Drawn By:	A-502
Scale: As Noted	Drawing No.

PLOTTED: 10/1/2019 12:24 PM

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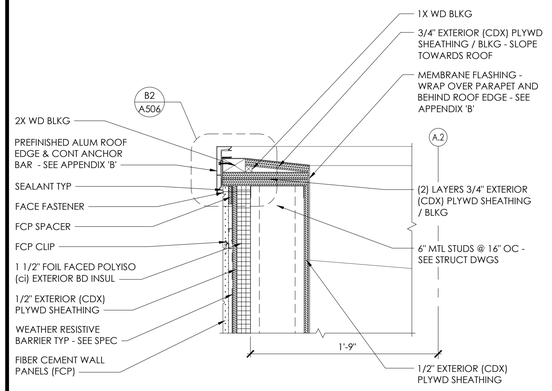
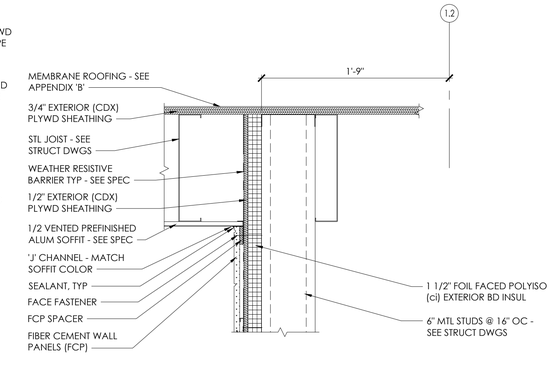


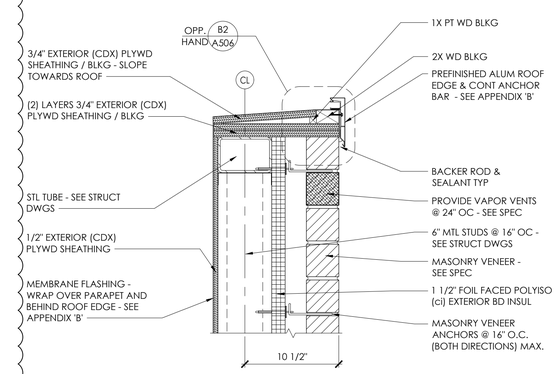
D3 Exterior Section Detail - Fiber Cement Wall Panel Parapet

SCALE: 1 1/2" = 1'-0"



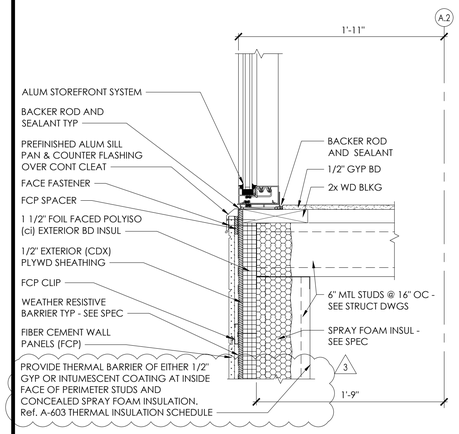
C3 Exterior Detail - Fiber Cement Wall Pnl at Overhang

SCALE: 1 1/2" = 1'-0"



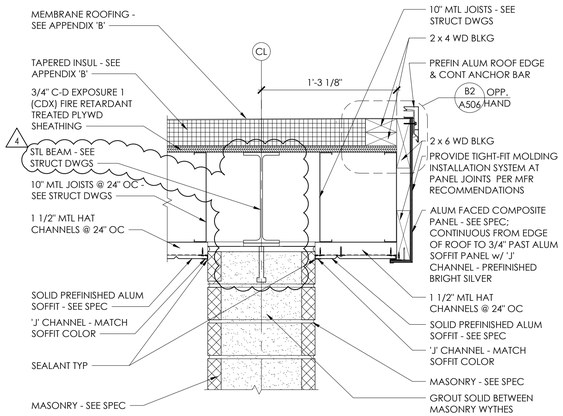
A3 Exterior Detail - Masonry Parapet

SCALE: 1 1/2" = 1'-0"



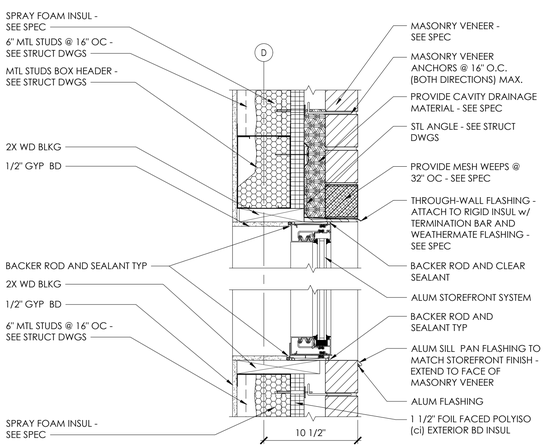
D2 Exterior Section Detail - Storefront Sill

SCALE: 1 1/2" = 1'-0"



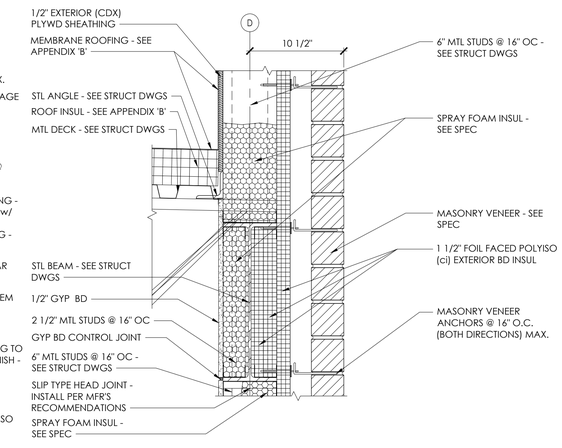
C2 Exterior Section Detail - Cart Storage End Wall Roof edge

SCALE: 1 1/2" = 1'-0"



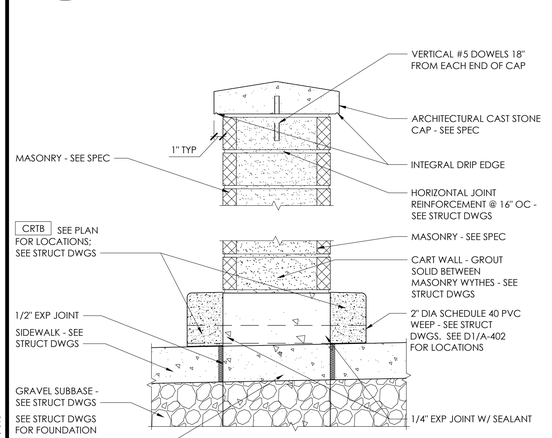
B2 Exterior Section Detail - Storefront Window Head & Sill

SCALE: 1 1/2" = 1'-0"



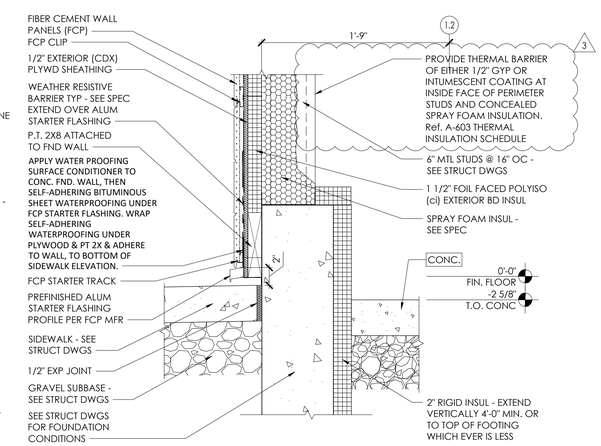
A2 Exterior Section Detail - Joist Bearing

SCALE: 1 1/2" = 1'-0"



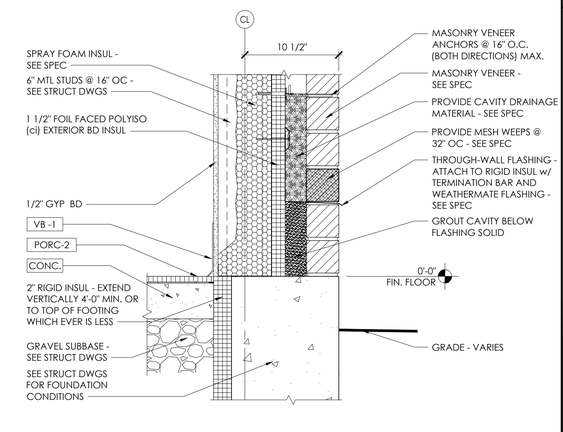
D1 Exterior Section Detail - Cart Wall

SCALE: 1 1/2" = 1'-0"



C1 Exterior Section Detail - Fiber Cement Wall Panel Base

SCALE: 1 1/2" = 1'-0"



A1 Exterior Section Detail - Masonry Veneer Wall Base

SCALE: 1 1/2" = 1'-0"

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A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
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Revisions:		Date:
1		
2		
3	Addendum 3	08/19/19
4	ADD 4	10/04/19
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LEE'S SUMMIT
560 NW CHIPMAN RD
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JACKSON COUNTY

Project Name & Location:

Exterior Details

Drawing Name:

Date: 06/25/19

Project No. 1813308

Type:RHRDV7ER

Drawn By:

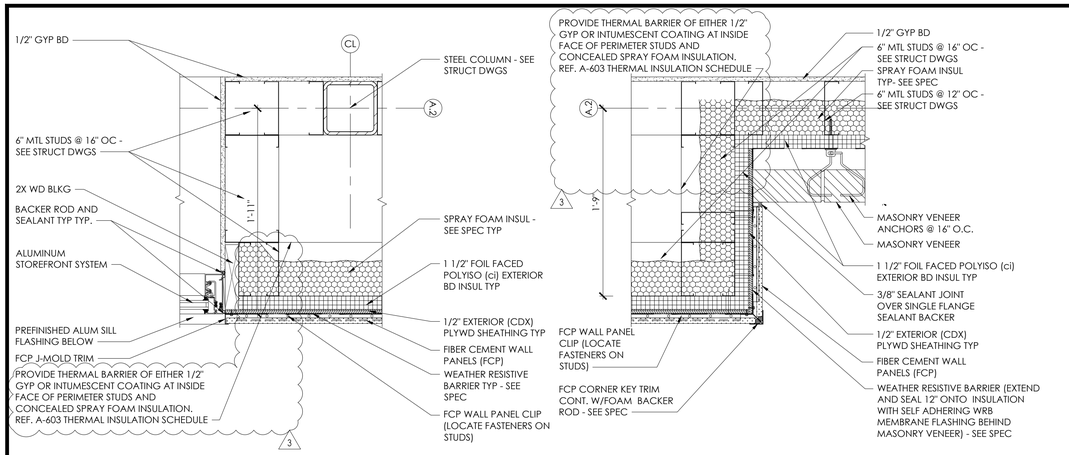
Scale: As Noted

Drawing No. A-503

3 2 1

D C B A

PLOTTED: 10/1/2019 1:28 PM



Exterior Plan Detail - Storefront at FCP

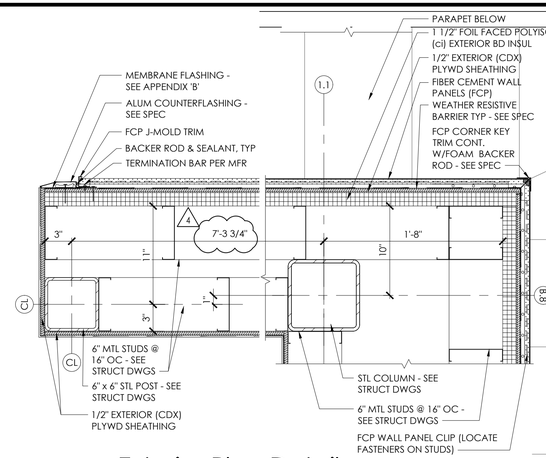
D3

SCALE: 1 1/2" = 1'-0"

Exterior Plan Detail - Fiber Cement Panel Outside Corner

C3

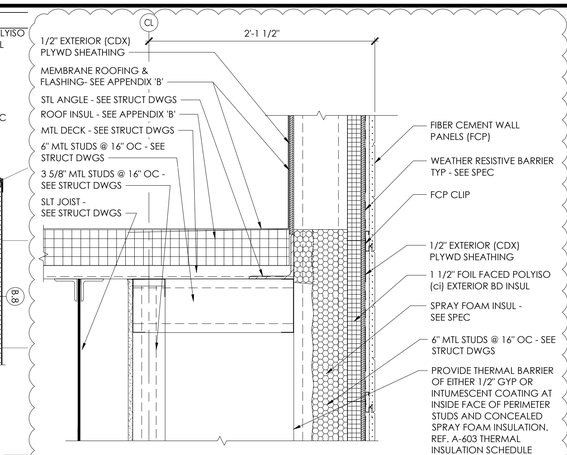
SCALE: 1 1/2" = 1'-0"



Exterior Plan Detail - FCP Outside Corner at Parapet

B3

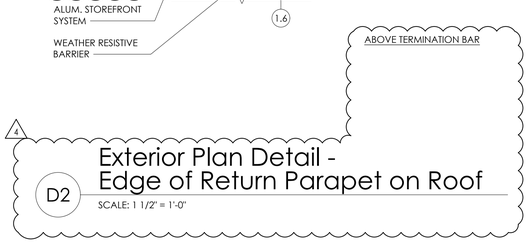
SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Roof at Wall Parallel to Joists

A3

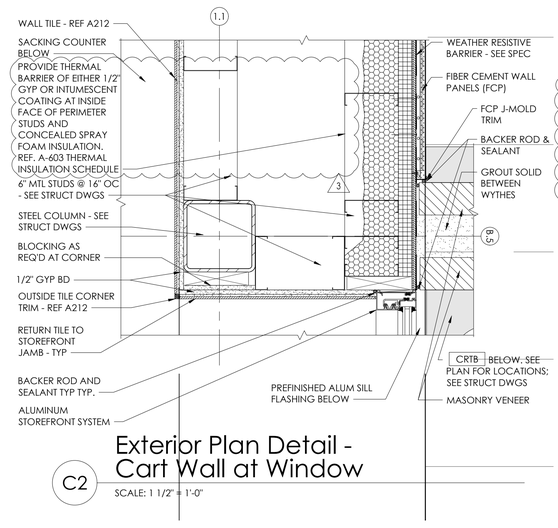
SCALE: 1 1/2" = 1'-0"



Exterior Plan Detail - Edge of Return Parapet on Roof

D2

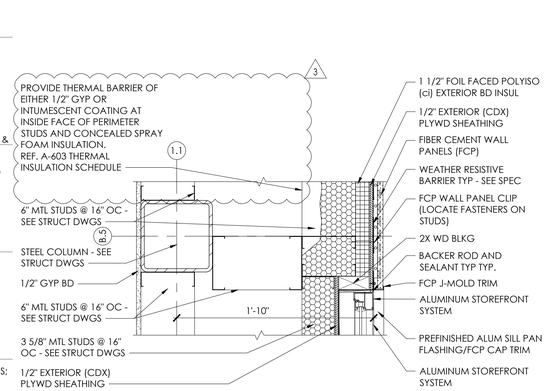
SCALE: 1 1/2" = 1'-0"



Exterior Plan Detail - Cart Wall at Window

C2

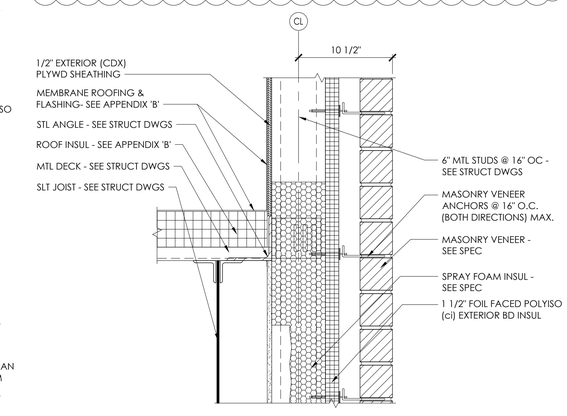
SCALE: 1 1/2" = 1'-0"



Exterior Plan Detail - Window at FCP (above)

B2

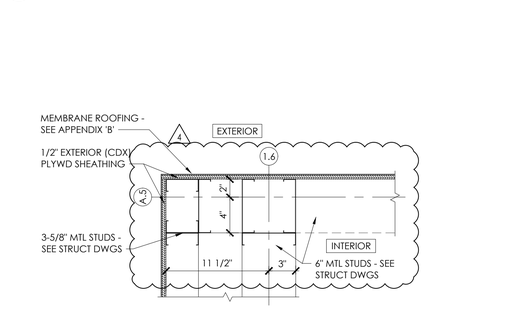
SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Roof at Wall Parallel to Joists

A2

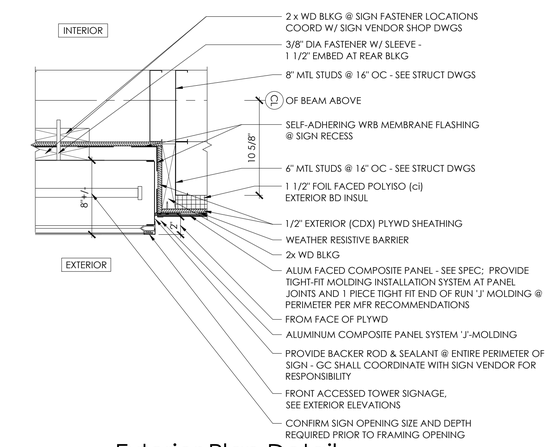
SCALE: 1 1/2" = 1'-0"



Exterior Plan Detail - Edge of Return Parapet on Roof

D1

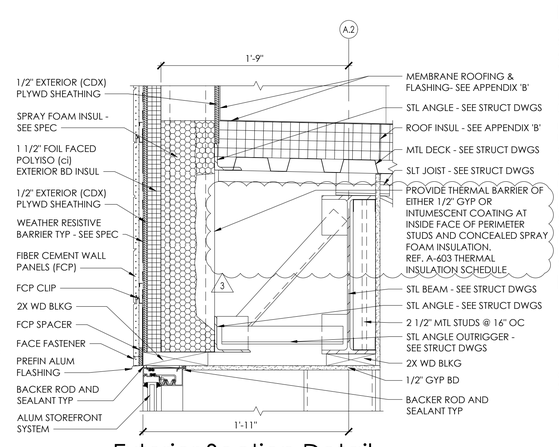
SCALE: 1 1/2" = 1'-0"



Exterior Plan Detail - Logo Sign Attachment

C1

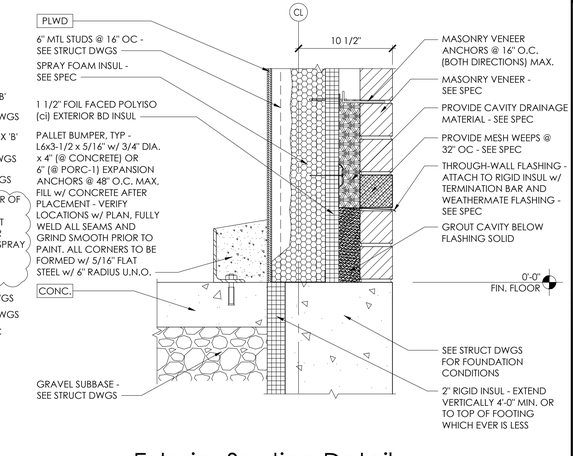
SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Window Head at FCP (Long Wall)

B1

SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Back Room Wall Base at Grade

A1

SCALE: 1 1/2" = 1'-0"

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A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
E		

3

Revisions:		Date:
1		
2		
3	Addendum 3	08/19/19
4	ADD 4	10/04/19
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Architecture

DRAWN BY: ER

REVIEWED BY: GT

HS

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

10/04/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

1

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Exterior Details
Drawing Name:

Project No. 1813308

Date: 06/25/19

Type:RHRDV7ER

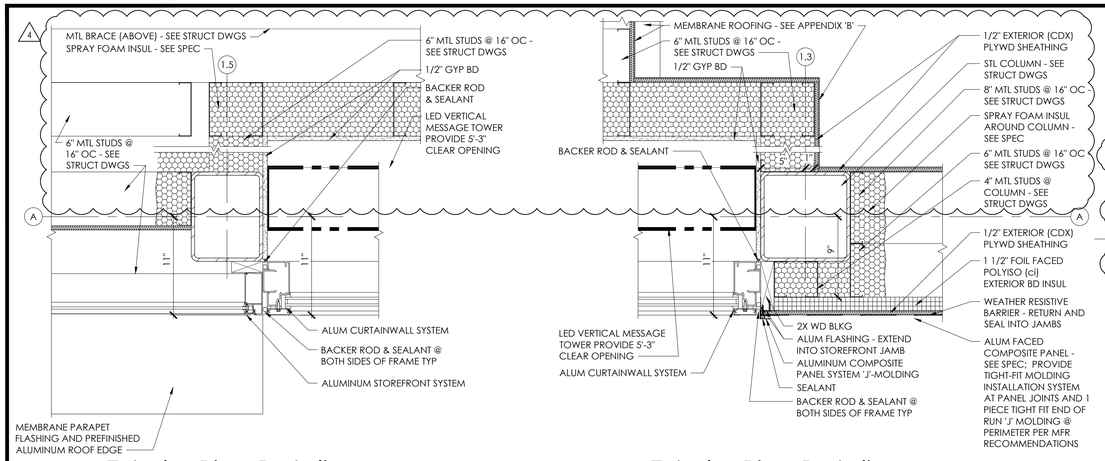
Drawn By:

Scale: As Noted

A-504
Drawing No.

PLOTTED: 10/1/2019 2:00 PM

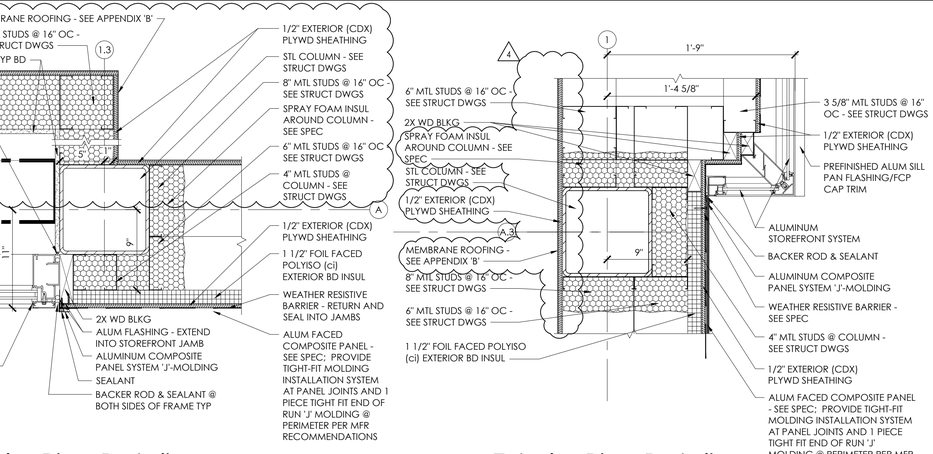
D C B A



Exterior Plan Detail - Vertical Message Tower Above Roof

D3

SCALE: 1 1/2" = 1'-0"



Exterior Plan Detail - Vertical Message Tower Above Roof

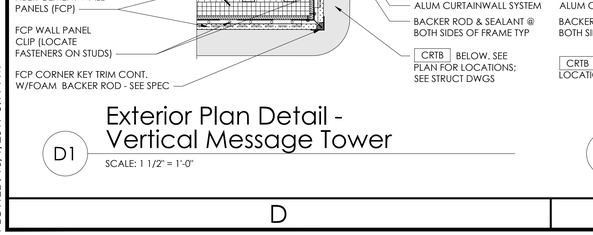
C3

SCALE: 1 1/2" = 1'-0"

Exterior Plan Detail - Storefront at Alum Comp Panel

B3

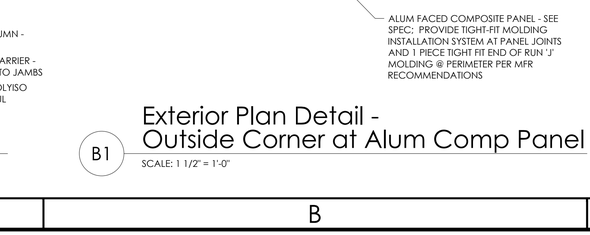
SCALE: 1 1/2" = 1'-0"



Exterior Plan Detail - Storefront at Outside Corner

D2

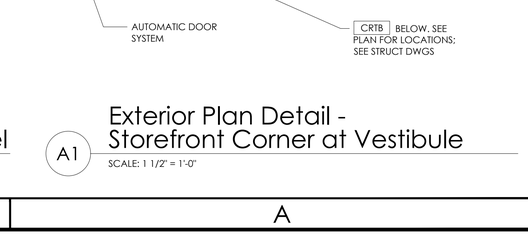
SCALE: 1 1/2" = 1'-0"



Exterior Plan Detail - Alum Comp Panel / FCP Transition

B2

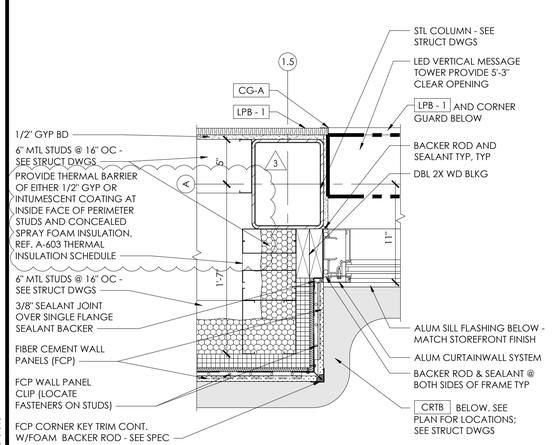
SCALE: 1 1/2" = 1'-0"



Exterior Plan Detail - Storefront at Vestibule

A2

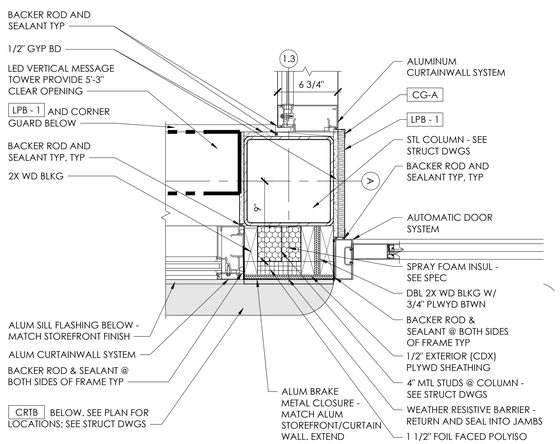
SCALE: 1 1/2" = 1'-0"



Exterior Plan Detail - Vertical Message Tower

D1

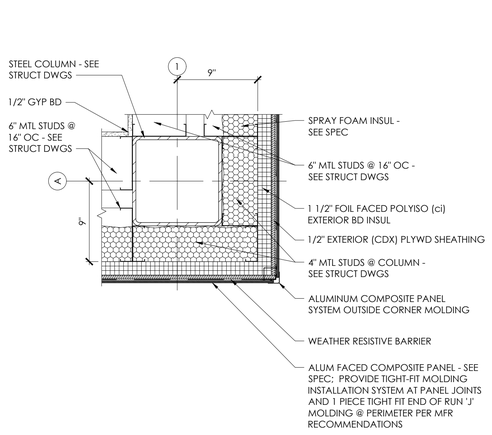
SCALE: 1 1/2" = 1'-0"



Exterior Plan Detail - Vertical Message Tower

C1

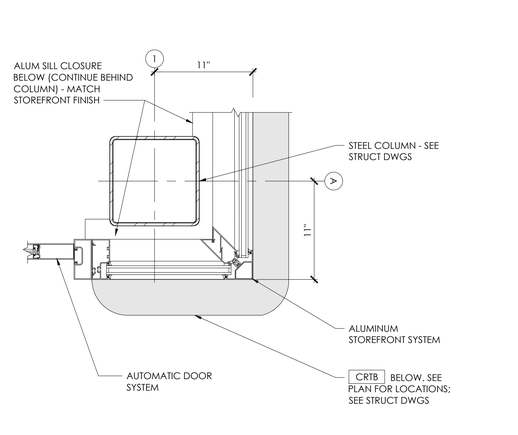
SCALE: 1 1/2" = 1'-0"



Exterior Plan Detail - Outside Corner at Alum Comp Panel

B1

SCALE: 1 1/2" = 1'-0"



Exterior Plan Detail - Storefront Corner at Vestibule

A1

SCALE: 1 1/2" = 1'-0"

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A	Client Review	02/14/18
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Revisions:		Date:
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2		
3	Addendum 3	08/19/19
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Certificate of Authority #A-2008031944
Architecture

DRAWN BY: ER

REVIEWED BY: GT

HS

Seal

10/04/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

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Olathe, KS 66061
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(630) 879-8152 fax

1

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY

Project Name & Location:

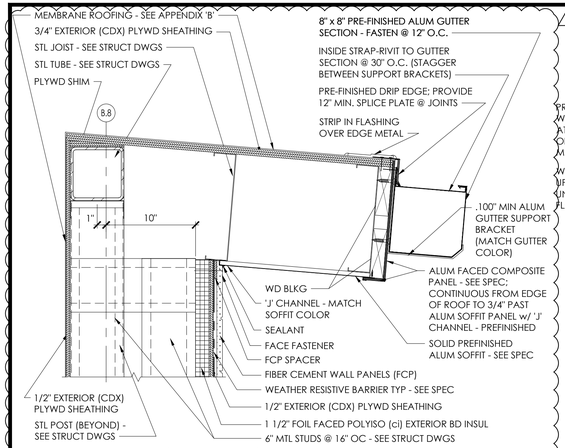
Exterior Details

Drawing Name:

Date: 06/25/19	Project No. 1813308
Type:RHRDV7ER	
Drawn By:	A-505
Scale: As Noted	Drawing No.

PLOTTED: 10/1/2019 3:11 PM

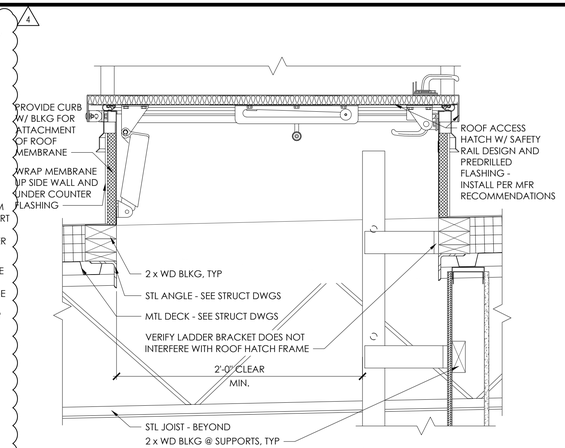
D | C | B | A



Exterior Section Detail - Nichiha Return Wall at Gutter

D3

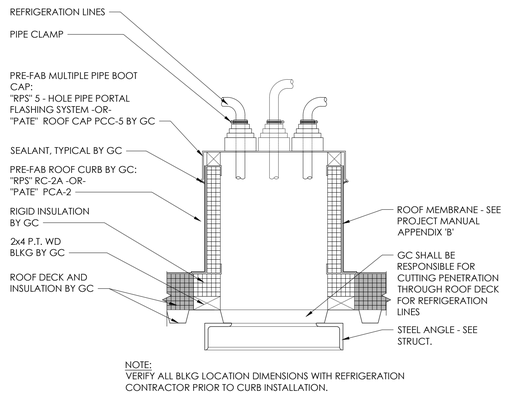
SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Roof Hatch

C3

SCALE: 1 1/2" = 1'-0"

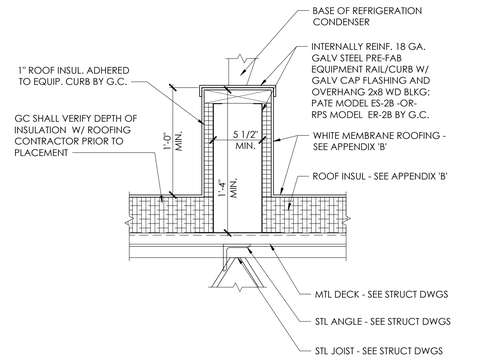


NOTE:
VERIFY ALL BLKG LOCATION DIMENSIONS WITH REFRIGERATION CONTRACTOR PRIOR TO CURB INSTALLATION.

Exterior Section Detail - Multiple Pipe Boot Curb

B3

SCALE: 1 1/2" = 1'-0"

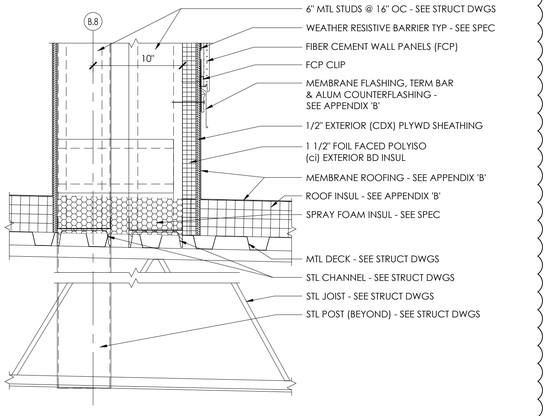


NOTE:
VERIFY ALL EQUIP. RAIL LOCATION DIMENSIONS WITH REFRIGERATION CONTRACTOR PRIOR TO ROOF INSTALLATION.

Exterior Section Detail - Equipment Rail

A3

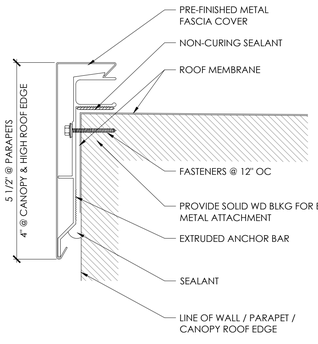
SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Nichiha Return Wall at Roof

D2

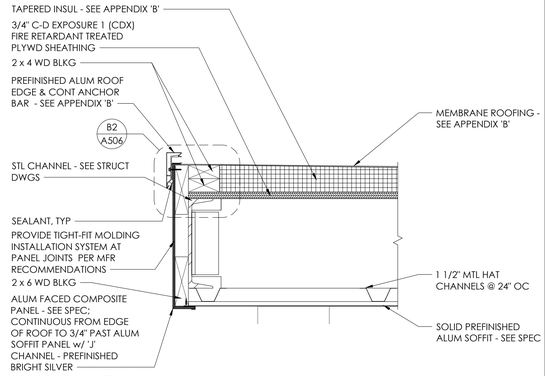
SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Roof Edge Fascia and Anchor Bar

B2

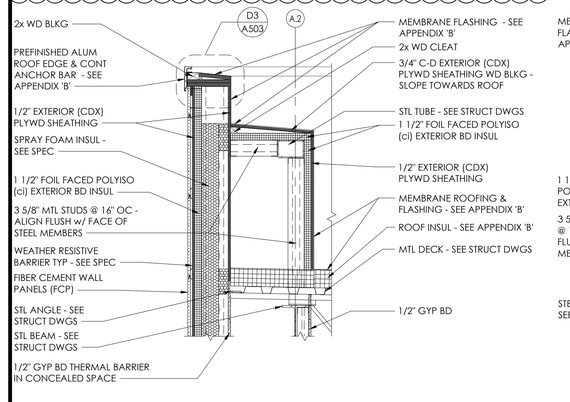
SCALE: 6" = 1'-0"



Exterior Section Detail - Canopy Roof Edge

A2

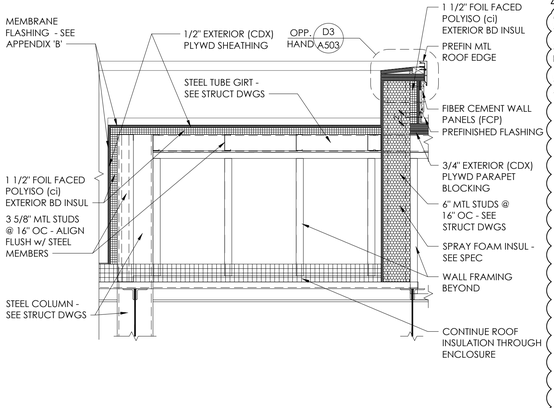
SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Steel Enclosure at Roof

D1

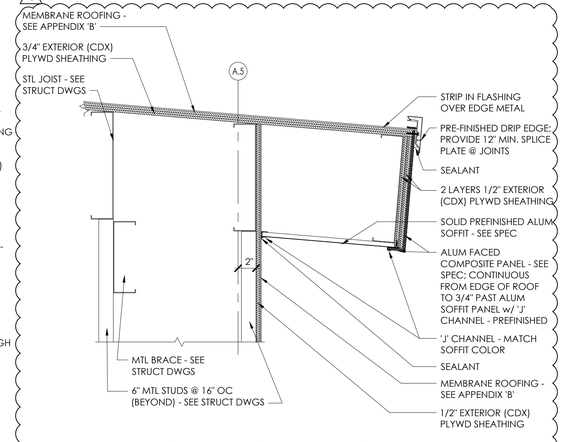
SCALE: 3/4" = 1'-0"



Exterior Section Detail - Steel Enclosure at Roof

C1

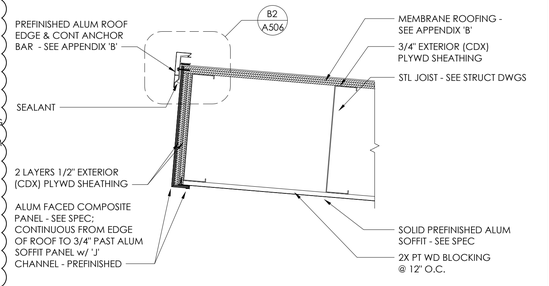
SCALE: 3/4" = 1'-0"



Exterior Section Detail - ACP Return Wall at High Roof Edge

B1

SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - High Roof Edge

A1

SCALE: 1 1/2" = 1'-0"

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Certificate of Authority #A-2008031944
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DRAWN BY: ER

REVIEWED BY: GT

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Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

10/04/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
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ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY

Project Name & Location:

Exterior Details

Drawing Name:

Date: 06/25/19

Type:RHRDV7ER

Drawn By:

Scale: As Noted

Project No. 1813308

Drawing No. A-506

3 2 1

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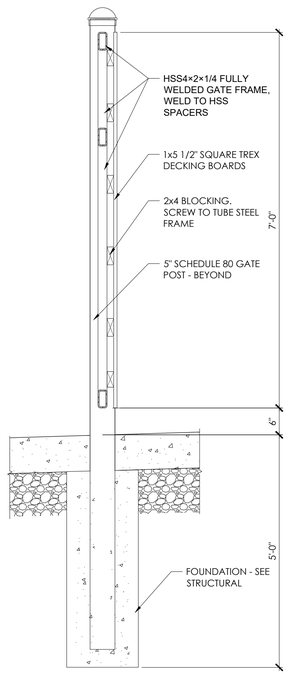
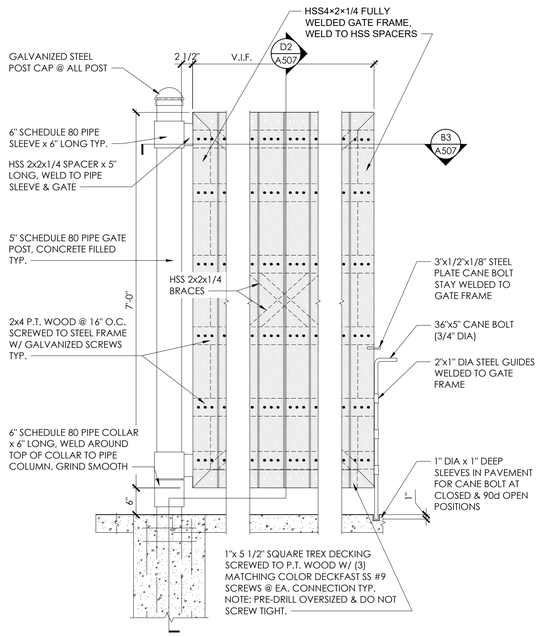
PLOTTED: 10/1/2019 3:47 PM



Exterior Section Detail - Dumpster Post

D2

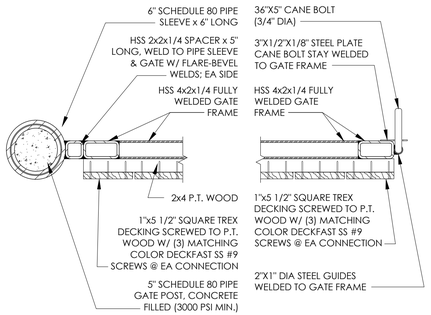
SCALE: 3/4" = 1'-0"



Exterior Elevation - Dumpster Gate

C2

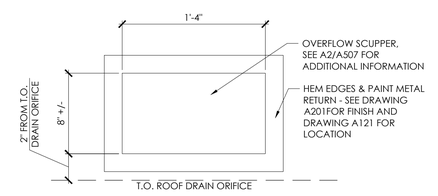
SCALE: 3/4" = 1'-0"



Exterior Plan Detail - Dumpster Gate

B3

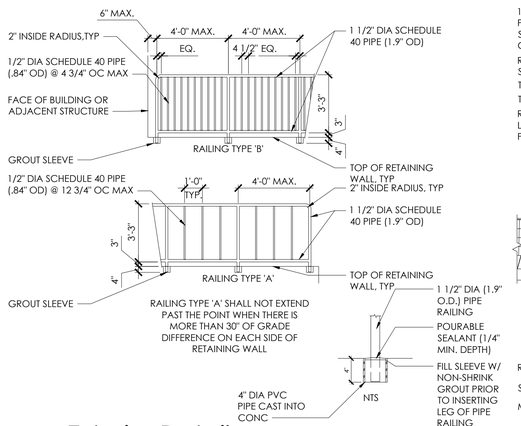
SCALE: 1 1/2" = 1'-0"



Exterior Detail - Roof Scupper

A3

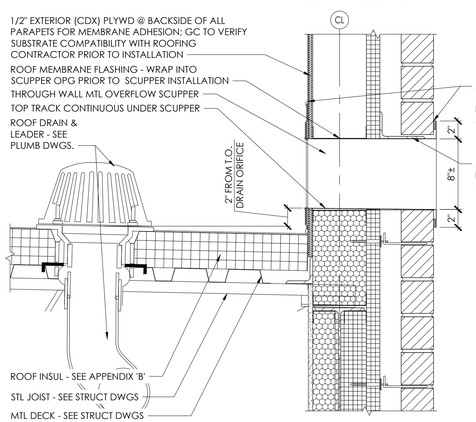
SCALE: 1 1/2" = 1'-0"



Exterior Detail - Railing Types

B2

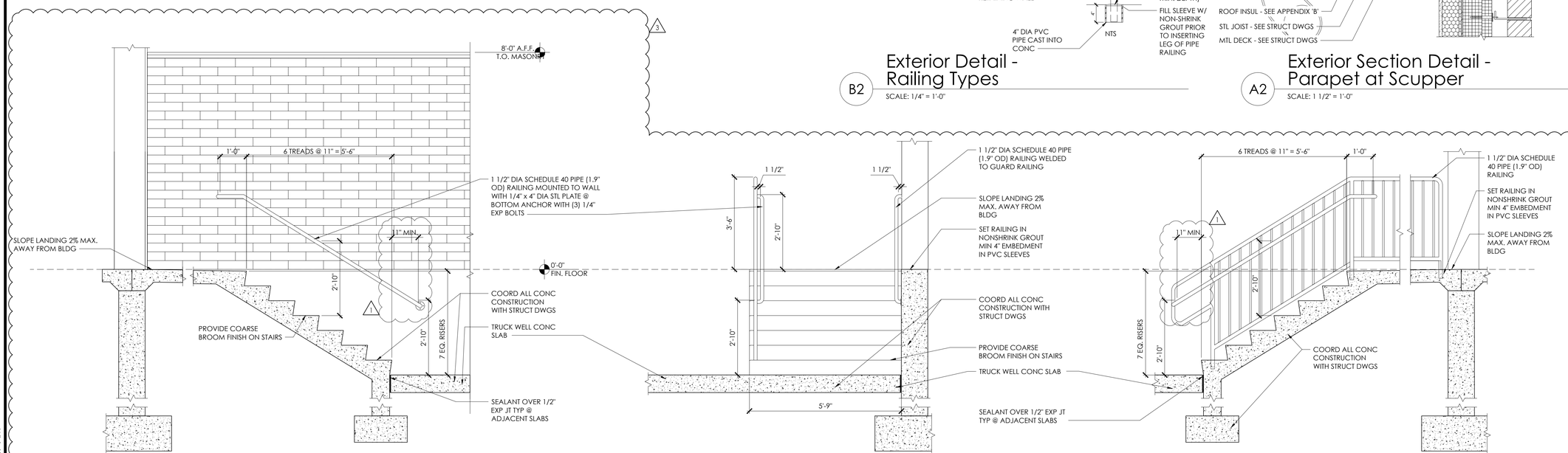
SCALE: 1/4" = 1'-0"



Exterior Section Detail - Parapet at Scupper

A2

SCALE: 1 1/2" = 1'-0"



Exterior Section Detail - Loading Dock Stairs

D1

SCALE: 1/2" = 1'-0"

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A	Client Review	02/14/18
B	Permit Set	06/25/19
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	Revisions:	Date:
1	Addendum 1	07/12/19
2		
3	Addendum 3	08/19/19
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Architecture

DRAWN BY: ER

G.T.

REVIEWED BY: GT

Seal

08/19/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
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ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

1

Exterior Details
Drawing Name:

Date: 06/25/19

Type:RHRDV7ER

Drawn By:

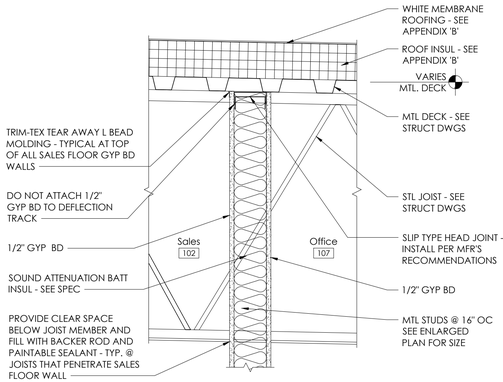
Scale: As Noted

Project No.
1813308

A-507
Drawing No.

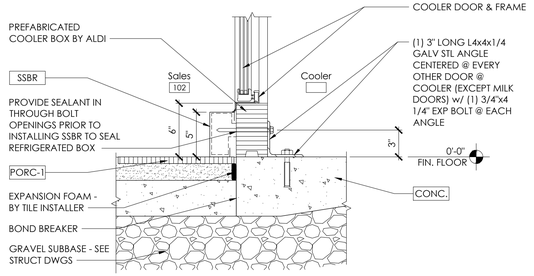
PLOTTED: 8/19/2019 11:37 AM

D | C | B | A



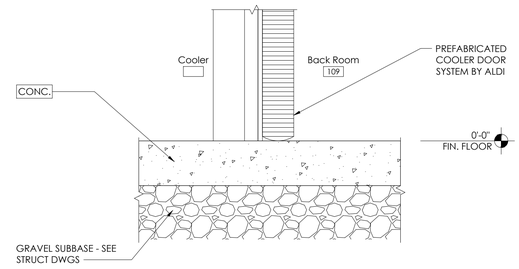
D3 Interior Section Detail - Interior Wall Head at Sales

SCALE: 1 1/2" = 1'-0"



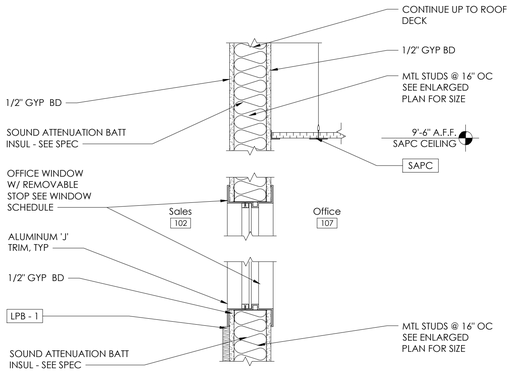
C3 Interior Section Detail - Cooler at General Doors

SCALE: 1 1/2" = 1'-0"



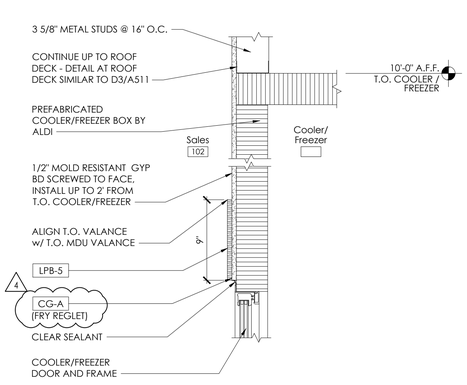
B3 Interior Section Detail - Cooler at Service Door

SCALE: 1 1/2" = 1'-0"



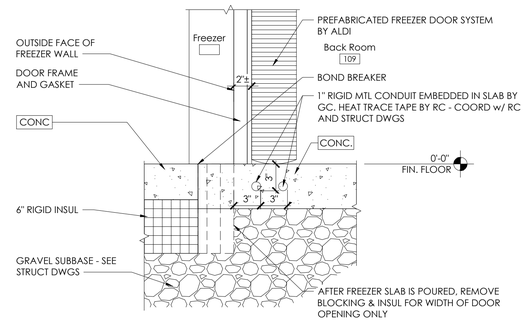
D2 Interior Section Detail - Office Window

SCALE: 1 1/2" = 1'-0"



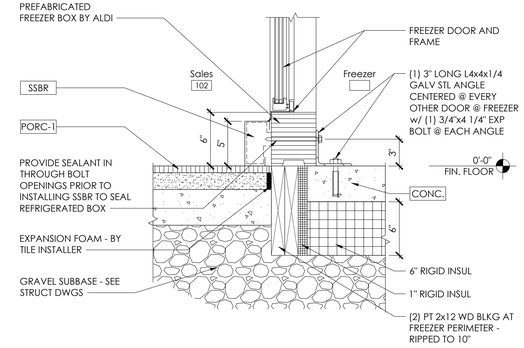
C2 Interior Section Detail - T.O. Cooler/Freezer at Sales

SCALE: 1 1/2" = 1'-0"



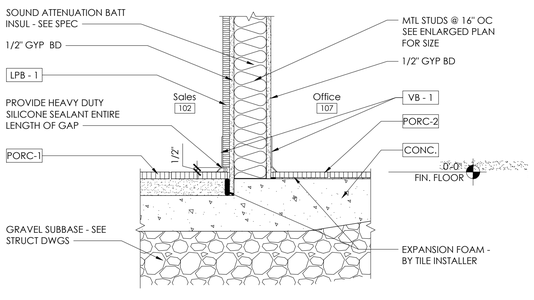
B2 Interior Section Detail - Freezer at Service Door

SCALE: 1 1/2" = 1'-0"



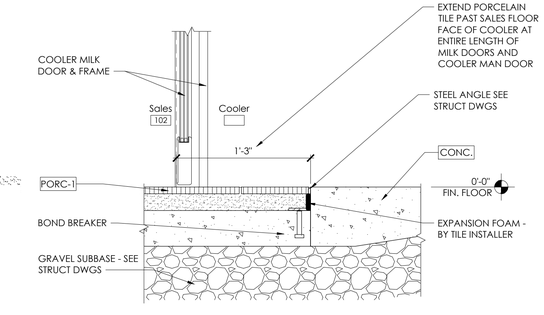
A2 Interior Section Detail - Freezer at General Doors

SCALE: 1 1/2" = 1'-0"



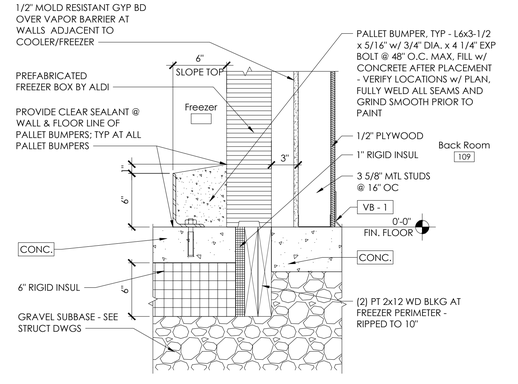
D1 Interior Section Detail - Wall Base at Office and Sales

SCALE: 1 1/2" = 1'-0"



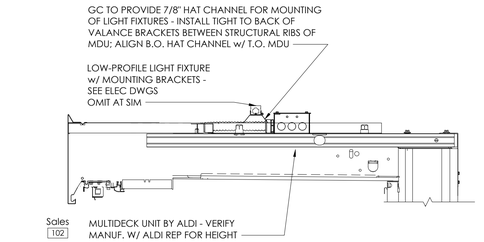
C1 Interior Section Detail - Cooler at Milk Doors

SCALE: 1 1/2" = 1'-0"



B1 Interior Section Detail - Freezer at Back Room

SCALE: 1 1/2" = 1'-0"



A1 Interior Section Detail - MDU Valance

SCALE: 1 1/2" = 1'-0"

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Architecture

DRAWN BY: ER

REVIEWED BY: GT

HS

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

10/04/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

1

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ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY

Project Name & Location:

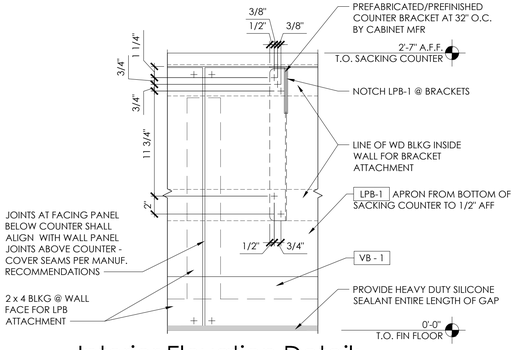
Interior Details

Drawing Name:

Date: 06/25/19	Project No. 1813308
Type:RHRDV7ER	
Drawn By:	A-511
Scale: As Noted	Drawing No.

PLOTTED: 10/1/2019 3:52 PM

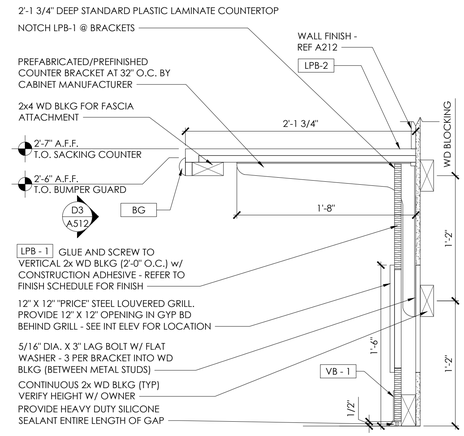
D C B A



Interior Elevation Detail: Sacking Counter

D3

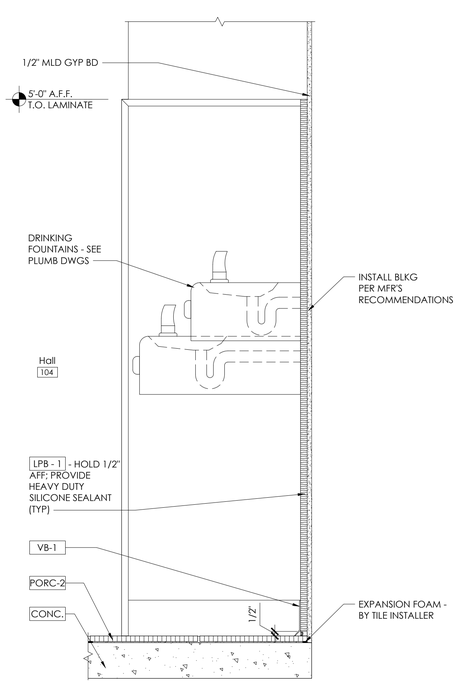
SCALE: 1 1/2" = 1'-0"



Interior Section Detail - Sacking Counter

C3

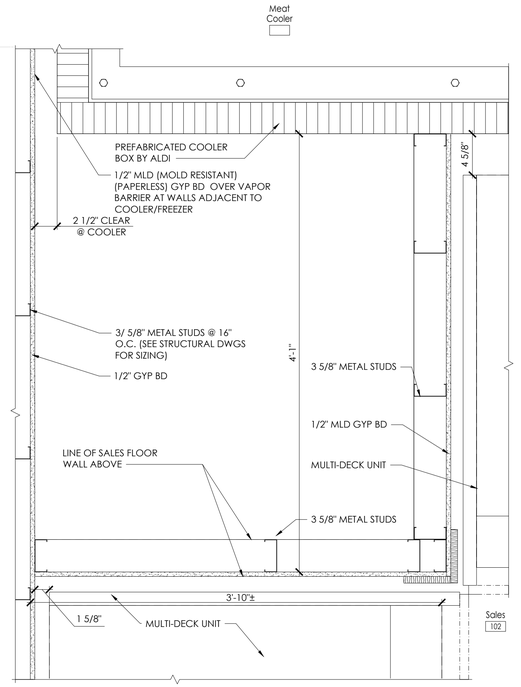
SCALE: 1 1/2" = 1'-0"



Interior Section Detail: Drinking Fountain

B2

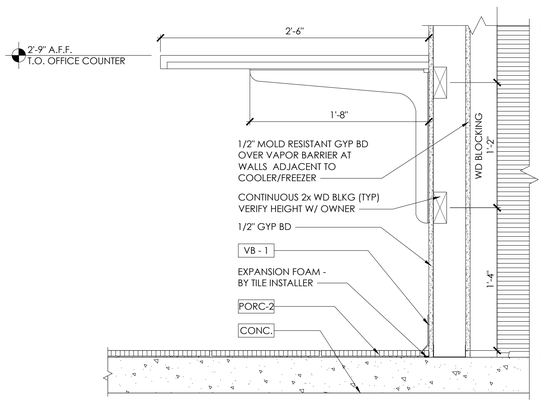
SCALE: 1 1/2" = 1'-0"



Interior Plan Detail - MDU and Cooler Alcove

A2

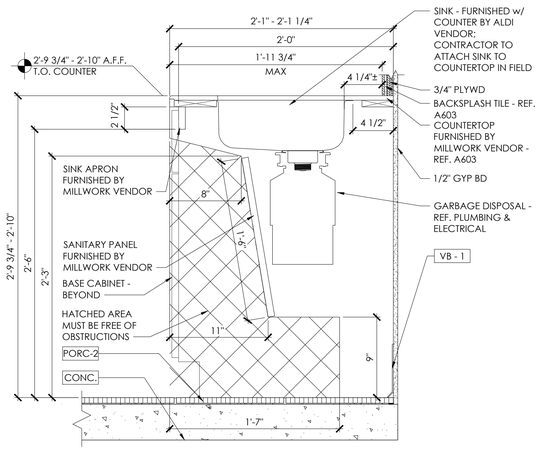
SCALE: 1 1/2" = 1'-0"



Interior Section Detail - Office Counter

C2

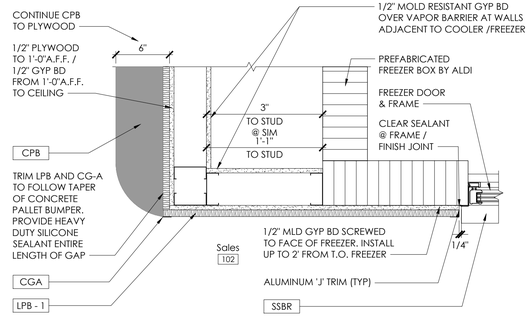
SCALE: 1 1/2" = 1'-0"



Interior Section Detail - Break Room Sink cabinet

C1

SCALE: 1 1/2" = 1'-0"



Interior Plan Detail - Wall Near Impact Doors

A1

SCALE: 1 1/2" = 1'-0"

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Certificate of Authority #A-2008031944
Architecture

DRAWN BY: ER

REVIEWED BY: GT

GT

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

06/25/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

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ALDI Inc. Store #: 06
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NW WARD RD & NW DONOVAN RD
LEE'S SUMMIT, MO 64063
JACKSON COUNTY
Project Name & Location:

Interior Details
Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Drawn By:
Scale: As Noted

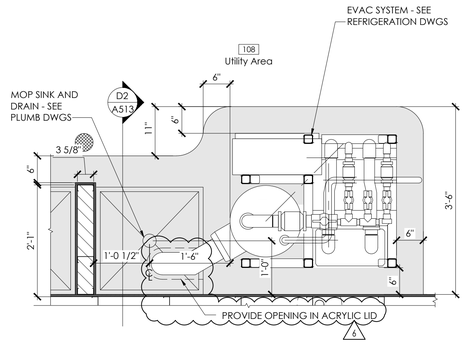
Project No. 1813308

A-512
Drawing No.

3 2 1

D C B A

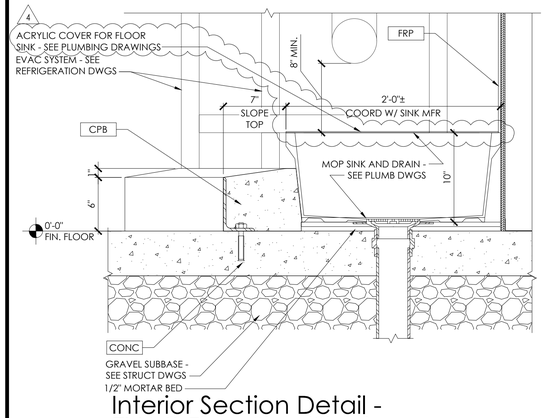
PLOTTED: 6/24/2019 12:21 PM



Interior Plan Detail - EVAC System

D3

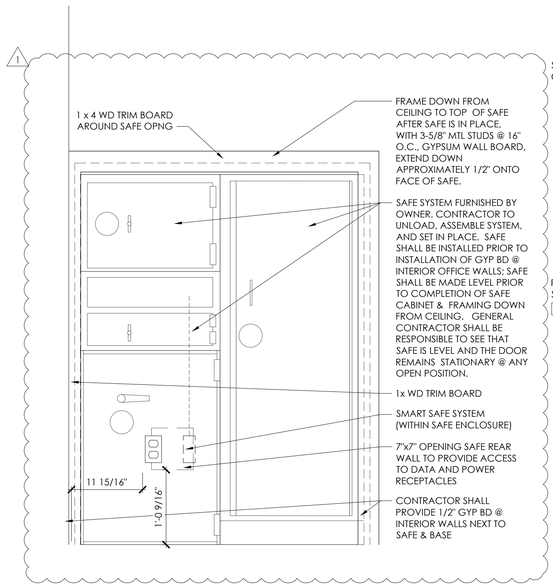
SCALE: 3/4" = 1'-0"



Interior Section Detail - EVAC Floor Sink (Side)

D2

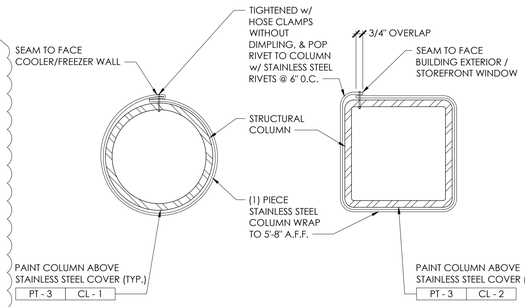
SCALE: 1 1/2" = 1'-0"



Interior Elevation Detail - Office Safe

B2

SCALE: 1" = 1'-0"

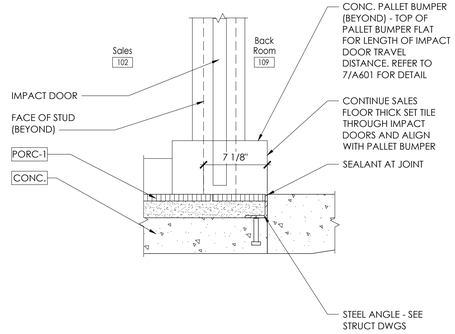


ROUND SALES FLOOR COLUMNS **SQUARE COLUMNS @ SACKING COUNTER**

Interior Plan Detail - Sales Area Column Wrap

A3

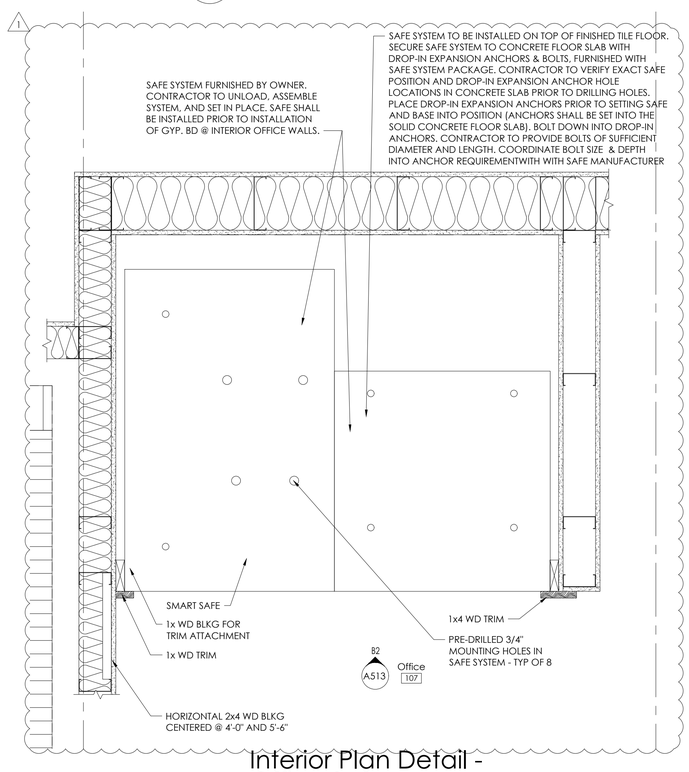
SCALE: 1 1/2" = 1'-0"



Interior Section Detail - Slab at Impact Door

A2

SCALE: 1 1/2" = 1'-0"



Interior Plan Detail - Office Safe

B1

SCALE: 1 1/2" = 1'-0"

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	Revisions:	Date:
1	Addendum 1	07/12/19
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6	CCD 1	11/25/19
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DRAWN BY: ER

REVIEWED BY: GT

GT

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

11/26/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

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(630) 879-8152 fax

1

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Interior Details
Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Drawn By:
Scale: As Noted

Project No.
1813308

A-513
Drawing No.

DOOR SCHEDULE

DOOR NO.	DOOR SIZE WIDTH	HEIGHT	THICK.	ELEV.	MAT.	FIN.	FIRE LABEL	FRAME ELEV.	FRAME MAT.	FRAME FIN.	FRAME FIRE LABEL	HDW. GROUP	DETAIL HEAD	DETAIL JAMB	DETAIL SILL	REMARK	DOOR NO.	ROOM NAME
101A	+/- 16'-0" V.I.F.	8'-2"	--	DD	ALUM.	--	--	--	ALUM.	--	--	100	--	--	B1/A501	DOOR ELEVATIONS ON THIS SHEET. SEE SHEET A505 FOR JAMB DETAILS - FIXED SIDELIGHT PANEL SHALL MAKE UP DIFFERENCE IN MASONRY OPENING; DOORS WILL HAVE 1/2" THRESHOLD TO COMPENSATE FOR THICKNESS OF ENTRY MAT.	101A	VESTIBULE
101B	+/- 8'-2" V.I.F.	8'-2"	--	EE	ALUM.	--	--	--	ALUM.	--	--	100	--	--	B1/A501 SIM		101B	VESTIBULE
101C	+/- 8'-2" V.I.F.	8'-2"	--	EE	ALUM.	--	--	--	ALUM.	--	--	100	--	--	B1/A501 SIM		101C	VESTIBULE
102A	7'-0"	8'-0"	1 1/2"	CC	POLY	--	--	D	H.M.	1	--	SEE REMARK	6/A601	7/A601	A2/A513	HARDWARE BY DOOR SUPPLIER; NOTE: FRAME TO BE KNOCK-DOWN (5)	102A	SALES
102B	4'-0"	7'-0"	1 3/4"	BB	H.M.	1/2	--	C	H.M.	1/2	--	500	1/A601	2/A601	3/A601	INSUL. EXT. DOOR - PREPARE DOOR FRAME FOR ALARMED EXIT DEVICE BEFORE GROUTING SOLID. DOOR FRAME TO CONTAIN CONDUIT AND ELECTRIFIED HINGE.	102B	SALES
102C	4'-0"	7'-0"	1 3/4"	HH	H.M.	1/2	--	C	H.M.	1/2	--	700	14/A601 (6)	2/A601	3/A601	SEE REMARKS FOR 102B; PREPARE FRAME TO CONNECT TO SAME REMOTE SOUNDER. DOOR & FRAME PT-3/CL-3 (6)	102C	SALES
103	3'-0"	7'-0"	1 3/4"	AA	H.M.	1	--	A	H.M.	1	--	200	4/A601	5/A601	--		103	UNISEX 1
105	3'-0"	7'-0"	1 3/4"	AA	H.M.	1	--	A	H.M.	1	--	200	4/A601	5/A601	--		105	UNISEX 2
106	3'-0"	7'-0"	1 3/4"	AA	H.M.	1	--	A	H.M.	1	--	401	4/A601	5/A601	--		106	BREAK ROOM
107	3'-0"	7'-0"	1 3/4"	AA	H.M.	1	--	A	H.M.	1	--	400	4/A601	5/A601	--	NOTE: FRAME TO BE 14 GAGE.	107	OFFICE
109A	3'-0"	7'-0"	1 3/4"	AA	H.M.	1/2	--	B	H.M.	1/2	--	600	1/A601	2/A601	3/A601	SEE REMARKS FOR 102B	109A	BACK ROOM
109B	8'-2"	8'-1"	--	FF	STL.	3/2	--	--	--	3/2	--	SEE REMARK	8/A601	9/A601	10/A601	HARDWARE BY DOOR SUPPLIER	109B	BACK ROOM
110	3'-6"	8'-0"	1 1/2"	GG	POLY	--	--	E	HM	1	--	SEE REMARK	6/A601 SIM	11/A601	--	NO CONC CURB CUTOUT, NO KNOCK DOWN FRAME. HARDWARE BY SUPPLIER - SEE SPEC 083800 (6) (5)	110	ECOMMERCE

NOTE: ALL HOLLOW METAL DOORS, FRAMES AND HARDWARE ARE OWNER FURNISHED / CONTRACTOR INSTALLED. (PAINTING IS BY CONTRACTOR.)

KEYNOTES - FINISHES (SEE A-603 COLOR/MATERIAL SCHEDULE)		
1	PT-3 / CL-5	SEMIGLOSS - INTERIOR SIDE
2	PT-19 / CL-5	SEMIGLOSS - EXTERIOR SIDE
3	PREFINISHED	WHITE - INTERIOR SIDE

LEGEND	
ALUM.	ANODIZED ALUMINUM
H.M.	HOLLOW METAL
POLY	POLYETHYLENE
STL.	STEEL

NOTE:
SEE SHEET A603 FOR FINISH SCHEDULES
SEE SHEETS A212-A215 & E201 FOR POWER REQUIREMENTS & COMPONENT LOCATIONS AT DOORS 102B, 104 & 109A

DOOR HARDWARE

DOOR HARDWARE SET NO. **100**
DOOR NO. 101A, 101B, 101C; PROVIDED BY OWNER.

DOOR HARDWARE SET NO. **200**
DOOR NO. 103, 105; UNISEX 1, UNISEX 2; EACH TO HAVE THE FOLLOWING:

No.	Item	Description	Manufacturer	Finish
3	HINGES	FBB179	STANLEY HARDWARE (STH)	626
1	PULL	158	ROCKWOOD	626
1	PUSH PLATE	70RCE	ROCKWOOD	626
1	CLOSER	8501-BF-AL	NORTON DOOR (NDC)	AL
1	WALL STOP	402-1/2	IVES (IVS)	AL
1	12" H. PROTECTIVE PLATE	8400	IVES (IVS)	630
1	PRIVACY LOCK	SCHLAGE L9485P 06A X L283-722 X 2 EMERGENCY KEYS	SCHLAGE (SCH)	626

DOOR HARDWARE SET NO. **400**
DOOR NO. 107; OFFICE TO HAVE THE FOLLOWING:

No.	Item	Description	Manufacturer	Finish
3	HINGES	FBB179-NRP	STANLEY HARDWARE (STH)	626
1	STOREROOM LOCK	L9453BDC 06A	SCHLAGE (SCH)	626
1	CLOSER	8501-BF-AL	NORTON DOOR (NDC)	AL
1	WALL STOP	402-1/2	IVES (IVS)	AL
1	DOOR VIEWER	698	IVES (IVS)	-
1	42" H. PROTECTIVE PLATE	8400	IVES (IVS)	630
	NOTE: FRAME TO BE 14 GAGE.			

DOOR HARDWARE SET NO. **401**
DOOR NO. 106; BREAK ROOM TO HAVE THE FOLLOWING:

No.	Item	Description	Manufacturer	Finish
3	HINGES	FBB179-NRP	STANLEY HARDWARE (STH)	626
1	PRIVACY LOCK	SCHLAGE L9485P 06A X L283-722 X 2 EMERGENCY KEYS	SCHLAGE (SCH)	626
1	CLOSER	8501-BF-AL	NORTON DOOR (NDC)	AL
1	WALL STOP	402-1/2	IVES (IVS)	AL
1	DOOR VIEWER	698	IVES (IVS)	-
1	42" H. PROTECTIVE PLATE	8400	IVES (IVS)	630

DOOR HARDWARE (CONT.)

DOOR HARDWARE SET NO. **500**
DOOR NO. 102B; EGRESS TO HAVE THE FOLLOWING:

No.	Item	Description	Manufacturer	Finish
2	HINGES	FBB191(32D)-NRP	STANLEY HARDWARE (STH)	630
1	HINGE	EWH8-626	DETEX	626
1	THRESHOLD	896N	NATIONAL GUARD (NGP)	AL
1	EXIT/PANIC	V40x6AxLDxIC7x KSx(36"or48") - INCLUDES TRANSFORMER PP-5152-3	DETEX	628
1	REMOTE SOUNDER	CS-2940S	DETEX	GREY
1	CLOSER	8501-BF-AL	NORTON DOOR (NDC)	AL
1	DRIP STRIP	16A	NATIONAL GUARD (NGP)	CLEAR ANOD AL
1	STICK-ON GASKET	5060B	NATIONAL GUARD (NGP)	-
1	DOOR SWEEP	9605A	NATIONAL GUARD (NGP)	CLEAR ANOD AL

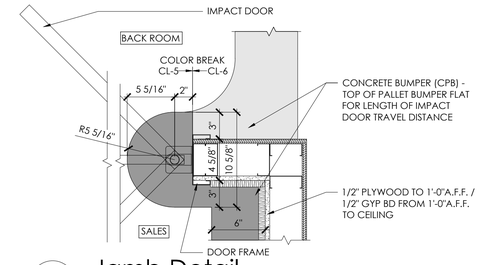
DOOR HARDWARE SET NO. **600**
DOOR NO. 109A; BACKROOM EGRESS TO HAVE THE FOLLOWING:

No.	Item	Description	Manufacturer	Finish
2	HINGES	FBB191(32D)-NRP	STANLEY HARDWARE (STH)	630
1	HINGE	EWH8-626	DETEX	626
1	THRESHOLD	896N	NATIONAL GUARD (NGP)	AL
1	EXIT/PANIC	V4009D2W628x(R HRorLHR)xEAx LDxIC7xIC7xKSx (36"or48") - INCLUDES TRANSFORMER PP-5152-3	DETEX	628
1	REMOTE SOUNDER	CS-2940S	DETEX	GREY
1	CLOSER W/ HOLD OPEN	1601H	NORTON DOOR (NDC)	AL
1	DRIP STRIP	16A	NATIONAL GUARD (NGP)	CLEAR ANOD AL
1	STICK-ON GASKET	5060B	NATIONAL GUARD (NGP)	-
1	DOOR SWEEP	9605A	NATIONAL GUARD (NGP)	CLEAR ANOD AL
1	DOOR VIEWER	698	IVES (IVS)	-
1	TRANSFORMER	90-800	DETEX	-
1	KEYPAD	DTX-2110	DETEX	-
1	ELECTRIC STRIKE	DS-24	DETEX	-

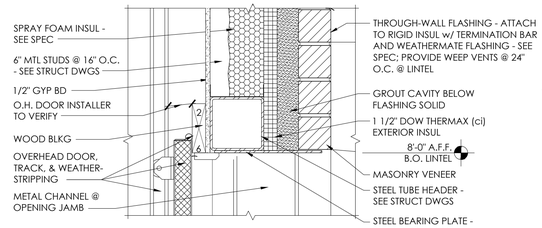
DOOR HARDWARE SET NO. **700**
DOOR NO. 102C; EGRESS TO HAVE THE FOLLOWING:

No.	Item	Description	Manufacturer	Finish
3	HINGES	FBB191(32D)-NRP	STANLEY HARDWARE (STH)	630
1	CYLINDER	AS REQUIRED	SCHLAGE (SCH)	626
1	THRESHOLD	896N	NATIONAL GUARD (NGP)	AL
1	EXIT DEVICE	V4003AN-48	DETEX	628
1	DRIP STRIP	16A	NATIONAL GUARD (NGP)	CLEAR ANOD AL
1	STICK-ON GASKET	5060B	NATIONAL GUARD (NGP)	-
1	DOOR SWEEP	9605A	NATIONAL GUARD (NGP)	CLEAR ANOD AL
1	ELECTRONIC STRIKE	DS-24	DETEX	-
1	DOOR OPERATOR	AO19-1	DETEX	AL
2	CARD READER	BY OTHERS		
	DOOR POSITION SWITCH	BY OTHERS		
	LOW VOLTAGE POWER SUPPLY	BY OTHERS		
	SIDE LITE VISION PANEL KIT			
	32" H. PROTECTIVE PLATE	8400	IVES (IVS)	630

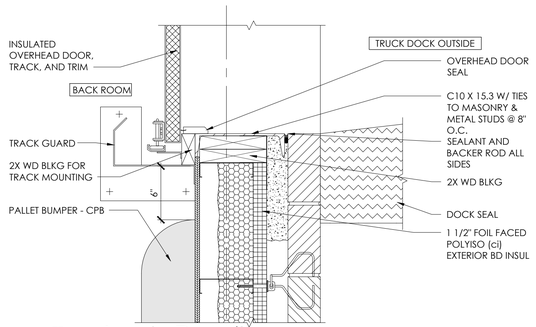
OPERATION:
EGRESS BY CARD READER INSIDE SHUTS DOOR POSITION SWITCH.
EGRESS WITHOUT CARD READER TRIGGERS ALARM.
ENTRANCE BY CARD ACTIVATES DOOR OPERATOR (CAN BE OPENED WITH KEY OVERRIDE).



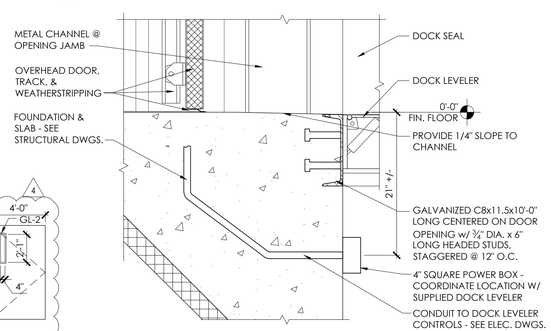
7 Jamb Detail
SCALE: 1 1/2" = 1'-0"



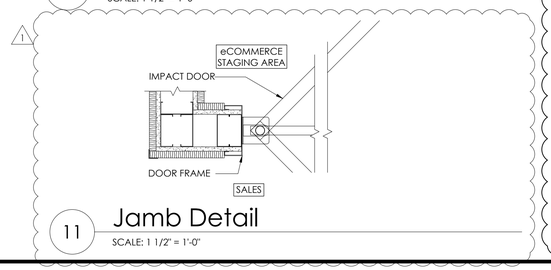
8 Head Detail
SCALE: 1 1/2" = 1'-0"



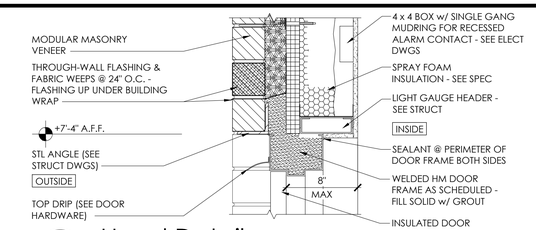
9 Jamb Detail
SCALE: 1 1/2" = 1'-0"



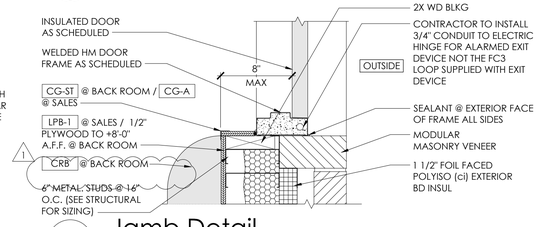
10 Sill Detail
SCALE: 1 1/2" = 1'-0"



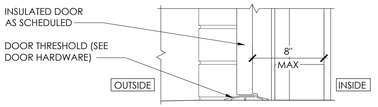
11 Jamb Detail
SCALE: 1 1/2" = 1'-0"



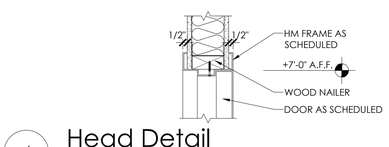
1 Head Detail
SCALE: 1 1/2" = 1'-0"



2 Jamb Detail
SCALE: 1 1/2" = 1'-0"



3 Sill Detail
SCALE: 1 1/2" = 1'-0"



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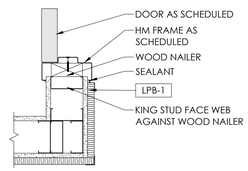
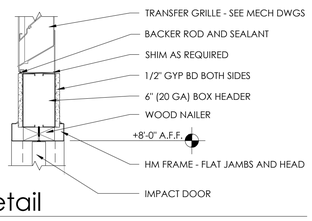
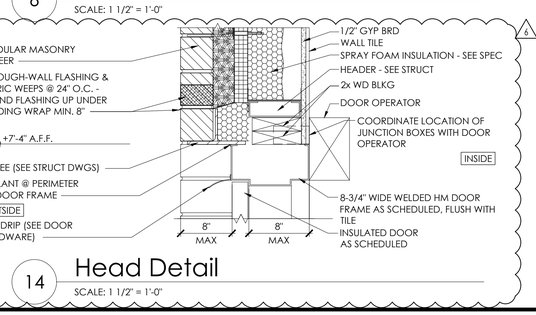


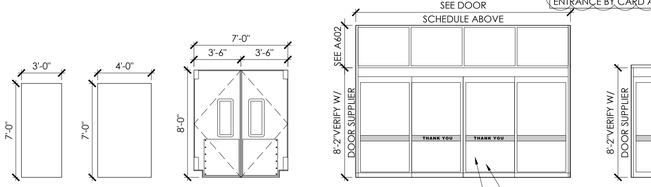
5 Jamb Detail
SCALE: 1 1/2" = 1'-0"



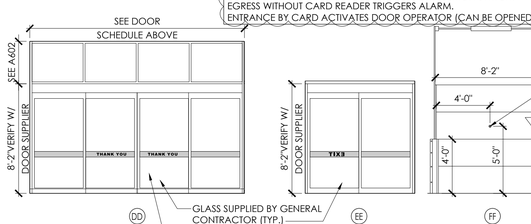
6 Head Detail
SCALE: 1 1/2" = 1'-0"



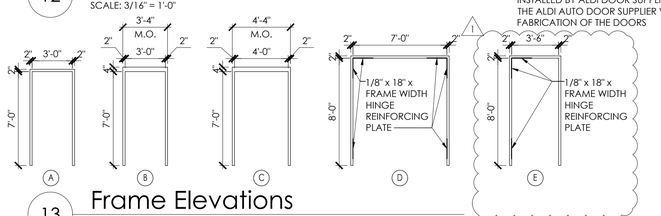
14 Head Detail
SCALE: 1 1/2" = 1'-0"



12 Door Elevations
SCALE: 3/16" = 1'-0"



AUTO DOOR SYSTEM AND TRANSOM STOREFRONT FRAMING FURNISHED & INSTALLED BY ALDI DOOR SUPPLIER. GC TO CONFIRM WITH OWNER THAT THE ALDI AUTO DOOR SUPPLIER VERIFIES THE R.O. PRIOR TO THE FABRICATION OF THE DOORS



13 Frame Elevations
SCALE: 3/16" = 1'-0"

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
E		

Revisions:		Date:
1	Addendum 1	07/12/19
2		
3	Addendum 3	08/19/19
4	ADD 4	10/04/19
5	ADD 5	10/23/19
6	CCD 1	11/25/19
7		
8		
9		

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REVIEWED BY: GT

GT

Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

11/26/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

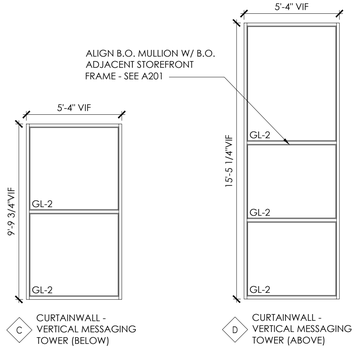
Door Schedules & Details

Drawing Name:

Date: 06/25/19
Type:RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

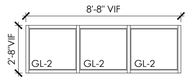
Drawing No. A-601



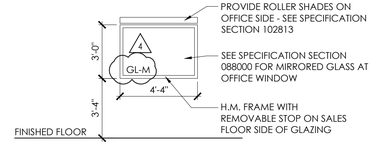
C CURTAINWALL - VERTICAL MESSAGING TOWER (BELOW)

D CURTAINWALL - VERTICAL MESSAGING TOWER (ABOVE)

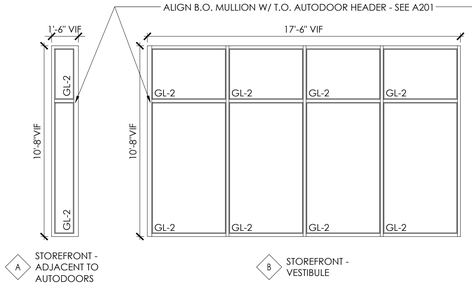
F STOREFRONT - TRANSOM AT SACKING COUNTER



H STOREFRONT - BREAKROOM

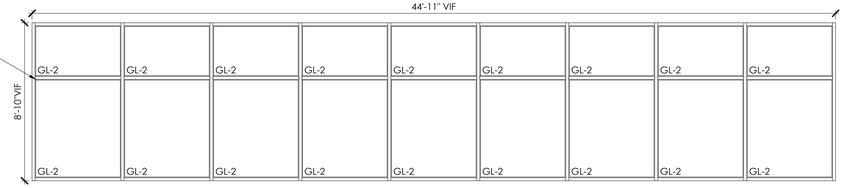


M H.M. FRAME WINDOW - OFFICE

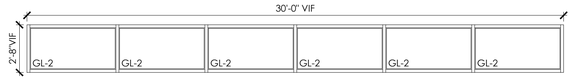


A STOREFRONT - ADJACENT TO AUTODOORS

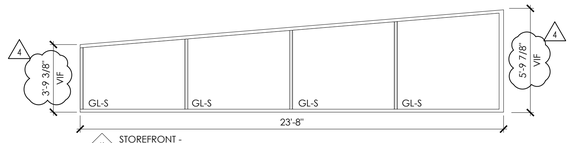
B STOREFRONT - VESTIBULE



E STOREFRONT - SACKING COUNTER



G STOREFRONT - TRANSOM AT FIRST AISLE



K STOREFRONT - TOWER SLOPED SIDE (ROOF)

NOTE:
1.. ALUMINUM FRAMING:
-INTERIOR VESTIBULE: 2-1/2" X 6-3/4" FRONT SET CURTAINWALL (SINGLE 45 DEGREE MULLION AT CORNERS).
-EXTERIOR STOREFRONT: 2" X 4 1/2" THERMAL FRONT SET (SINGLE 45 DEGREE MULLION AT CORNERS).
-EXTERIOR STOREFRONT (SPANDREL ABOVE ROOF DECK: 2" X 4 1/2" NON-THERMAL FRONT SET (SINGLE 45 DEGREE MULLION AT CORNERS).
-EXTERIOR VERTICAL MESSAGE TOWER: 2 1/2" X 6" THERMAL FRONT SET CURTAINWALL.
-SPANDREL ABOVE CANOPY: 2" X 4-1/2" OR 2" X 2-1/4" (SEE WALL SECTIONS) NON-THERMAL FRONT SET (SINGLE 45 DEGREE MULLION AT CORNERS).
2. SEE SPEC FOR GLASS TYPES
3. ALL STOREFRONT DIMENSIONS TO BE VERIFIED IN FIELD AND ADJUSTED AS NEEDED.
4. ALL MULLIONS TO BE EQUAL SPACED U.N.O.

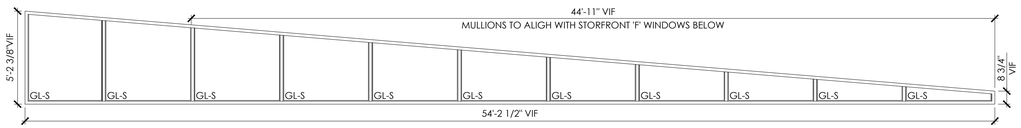
GLAZING SCHEDULE

KEY	KEY DESCRIPTION	REMARKS
GL-1	FULLY TEMPERED FLOAT GLASS	SEE PROJECT MANUAL - SECTION 088000
GL-2	LOW E, INSULATING GLASS (TEMPERED WHERE REQUIRED BY CODE)	SEE PROJECT MANUAL - SECTION 088000
GL-M	LAMINATED MIRROR GLASS	SEE PROJECT MANUAL - SECTION 088000
GL-S	SPANDREL GLASS	SEE PROJECT MANUAL - SECTION 088000

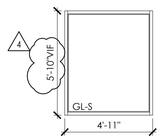
4

D3 Glazing Systems

SCALE: 1/4" = 1'-0"

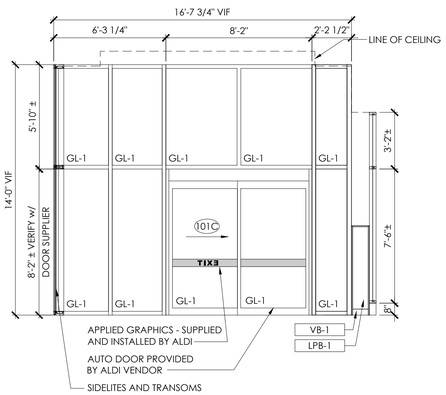


I STOREFRONT - TOWER SLOPED SIDE



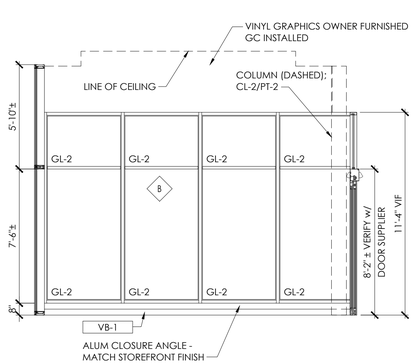
J STOREFRONT - TOWER HIGH SIDE

L STOREFRONT - TOWER SLOPE SIDE RETURN



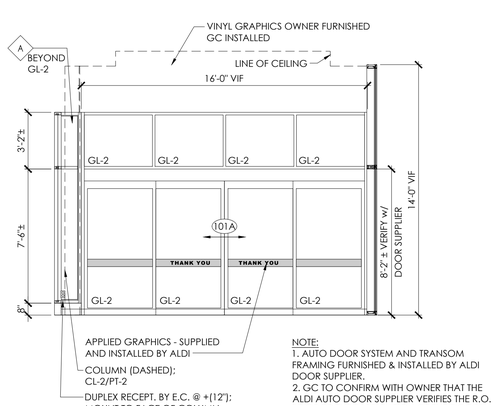
D1 Vestibule

SCALE: 1/4" = 1'-0"



C1 Vestibule

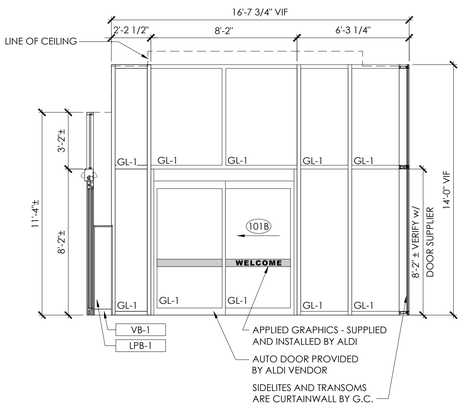
SCALE: 1/4" = 1'-0"



NOTE:
1. AUTO DOOR SYSTEM AND TRANSOM FRAMING FURNISHED & INSTALLED BY ALDI DOOR SUPPLIER.
2. GC TO CONFIRM WITH OWNER THAT THE ALDI AUTO DOOR SUPPLIER VERIFIES THE R.O. PRIOR TO THE FABRICATION OF THE DOORS.

B1 Vestibule

SCALE: 1/4" = 1'-0"



A1 Vestibule

SCALE: 1/4" = 1'-0"

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
E		

Revisions:		Date:
1		
2		
3		
4	ADD 4	10/04/09
5		
6		
7		
8		
9		

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Seal

STATE OF MISSOURI
MITCH GARRETT
NUMBER A-007541
ARCHITECT

10/04/2019

MITCHEL RAY GARRETT - ARCHITECT
MO# A-007541

ALDI Inc.
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Olathe, KS 66061
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ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Window Elevations & Details

Drawing Name:

Date: 06/25/19	Project No. 1813308
Type:RHRDV7ER	
Drawn By:	A-602
Scale: As Noted	Drawing No.

ROOM FINISH SCHEDULE:

ROOM NO.	ROOM NAME	FLOOR	GROUT	BASE	GYP BD THICKNESS	SOUND ATTENUATION BATTS	LPB THICKNESS	TOP WALL		RIGHT WALL		BOTTOM WALL		LEFT WALL		CEILING			GYP BD PAINT SYSTEM	CL#	SURFACE	REMARKS	ROOM NO.
								LOWER	UPPER	LOWER	UPPER	LOWER	UPPER	LOWER	UPPER	MAT.	FIN.	HGT.					
101	VESTIBULE	CONC		VB-1	1/2"		3/4"	AL/GL / LPB-1	AL/GL / GYP BD	AL/GL	AL/GL / GYP BD	AL/GL	AL/GL / GYP BD	AL/GL / LPB-1	AL/GL / GYP BD	SAPC-1	--	13'-11"	PT-6	CL-2	BELOW CEILING: GYP BD WALLS, SOFFITS, COLUMNS	WALKOFF MAT TO COVER EXTENTS OF THE VESTIBULE.	101
																CS-1	--	14'-9"		CL-10	ABOVE CEILING: DECK, BAR JOISTS, CONDUIT, DUCT WORK, GYP BD WALLS, STUDS, BRACING, OUTSIDE FACE OF LIGHT HOUSING, ETC (PT-2)		
																EXP	--	VARIES					
102	SALES	PORC-1/ CONC	GR-2	VB-1/ CPB/ SSBR	1/2" & 1/2 MLD. (A)(C)		3/4"	LPB-1 / HM/GL	GYP BD	AL/GL / TI / LPB-1	GYP BD	AL/GL / LPB-1 / GYP BD	AL/GL / GYP BD	LPB-1 / GYP BD	T-4 / WP-1 / GYP BD	EXP	--	VARIES	PT-6	CL-1	COLUMNS ON THE SALES FLOOR, DECK, BAR JOISTS, GIRDER TRUSSES, CONDUIT, SPRINKLER LINES, UNISTRUT, HARD DUCT WORK (U.N.O.), METAL GRILLES, GYP BD ABOVE PAINT LINE & VMT - SEE DWGS (PT-2)	CAULK ALL PINHOLES PRIOR TO PRIME AND PAINT	102
																				CL-2	COLUMNS AT THE SACKING COUNTER, METAL GRILLES, SACKING COUNTER WALL ABOVE TILE, SOFFIT ABOVE VESTIBULE DOORS, GYP BD WALLS BELOW PAINT LINE, SOFFITS, HARD DUCT WORK, AND VMT - SEE DWGS		
																				CL-5	CONCRETE PALLET BUMPER		
																GYP BD	--	10'-0"		CL-8	CEILING AT FLAP DOOR ALCOVE		
103	UNISEX 1	PORC-2	GR-2	SS-3	1/2" MLD. (B)	X		T-2 / T-3	GYP BD	T-2 / T-3	GYP BD	T-2 / T-3	GYP BD	T-2 / T-3	GYP BD	SAPC-1	--	9'-6"	PT-5	CL-7	GYP BD WALLS		103
104	HALL	PORC-2	GR-2	VB-1	1/2"	X	3/4"	LPB-1	GYP BD	LPB-1	GYP BD	LPB-1	GYP BD	LPB-1	GYP BD	SAPC-1	--	9'-6"	PT-6	CL-2	GYP BD WALLS, SOFFITS		104
																GYP BD		9'-0"		CL-8	CEILING AT DRINKING FOUNTAINS		
105	UNISEX 2	PORC-2	GR-2	SS-3	1/2" MLD. (B)	X		T-2 / T-3	GYP BD	T-2 / T-3	GYP BD	T-2 / T-3	GYP BD	T-2 / T-3	GYP BD	SAPC-1	--	9'-6"	PT-5	CL-7	GYP BD WALLS		105
106	BREAKROOM	PORC-2	GR-2	VB-1/ SS-3	1/2" MLD. (C)	X		GYP BD	AL/GL / GYP BD	GYP BD		GYP BD	GYP BD/ T-5	GYP BD		SAPC-1	--	10'-0"	PT-5	CL-7	GYP BD WALLS		106
107	OFFICE	PORC-2	GR-2	VB-1	1/2" MLD. (C)	X		GYP BD		GYP BD		HM/GL / GYP BD	GYP BD	GYP BD		SAPC-1	--	9'-6"	PT-5	CL-7	GYP BD WALLS		107
108	UTILITY AREA	CONC	--	CPB/ VB-1	1/2"			PLWD	GYP BD	PLWD	GYP BD	PLWD / FRP	PLWD / GYP BD	PLWD/ FRP	GYP BD	EXP-1	--	VARIES	PT-5	CL-X	MATCH BACK ROOM	FRP TO BOTTOM OF WATER HEATER SHELF ABOVE MOP SINK. FRP TO 4'-0" BACK AND SIDE WALL AT EVAC FLOOR SINK. PLWD FULL HEIGHT BEHIND ROOF ACCESS LADDER	108
109	BACK ROOM	CONC	--	CPB	1/2"			PLWD	GYP BD	PLWD	GYP BD	PLWD	GYP BD	PLWD	GYP BD	EXP-1	--	VARIES	PT-5	CL-4	EDGE OF OVERHEAD DOOR OPENING, TRACK GUARDS, WARNING STRIPES ON FLOOR (STRIPING TO BE 4" WIDE W/ 12" SPACING IN-BETWEEN)		109
																				CL-6	LOWER PLYWOOD WALLS, TRIM, CONCRETE PALLET BUMPER, COLUMNS, METAL GRILLES CMU (WHEN APPLICABLE) FLOOR OF COOLER (WHEN REQUESTED BY CM)		
																				CL-8	UPPER GYP BD WALLS		
110	ECOMMERCE	PORC-2	--	VB-1	1/2" MLD. R. (C)	X		GYP BD		GYP BD		GYP BD		GYP BD		SAPC-1	--	10'-0"	PT-6	CL-2			110

FINISH NOTES:

1	SEE REFLECTED CEILING PLAN FOR ALL CEILINGS AND SOFFITS.
2	REFER TO APPENDIX 'A' FOR ITEMS FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR
3	REFER TO APPENDIX 'B' FOR ITEMS PROVIDED BY OWNER.
4	DO NOT PAINT GALVANIZED DOOR THRESHOLDS
5	USE SOLVENT TO REMOVE ALL MANUFACTURER WORDING ON EXPOSED PVC PIPING.
6	PAINT ALL EXPOSED PIPING TO MATCH ADJACENT CEILING/WALL COVERING.
7	SEE SPECIFICATION SECTION 099100 FOR PAINT SYSTEMS.
8	REFER TO PAINT FINISH SCHEDULES FOR TREATMENT AND COLOR OF WALL FINISHES.

GYP BD KEYNOTES:

A	MLD (MOLD RESISTANT), (PAPERLESS) GYP BD TO EXTEND UP TO 2' ABOVE T.O. COOLER/FREEZE. MLD GYP BD TO BE INSTALLED UP TO 8' AFF AT ALL WALLS SURROUNDING MULTI-DECK UNITS AND ALONG ENTIRE LENGTH OF FIRST AISLE.
B	MLD (MOLD RESISTANT), (PAPERLESS) GYP BD TO EXTEND TO CEILING ALL WALLS.
C	MLD (MOLD RESISTANT), (PAPERLESS) GYP BD. ON WALLS ADJACENT TO FREEZER. APPLY VAPOR BARRIER BETWEEN GYP BD AND STUDS.

GYP BD NOTES:

1	AT INTERIOR PARTITIONS, RUN WALL FRAMING AND GYP BD TO BOTTOM OF ROOF DECK.
2	AT EXTERIOR WALLS RUN GYP BD TO B.O. DECK
3	SEE INTERIOR ELEVATIONS FOR LOCATIONS OF GYP BD SYSTEMS. SEE FINISH MATERIAL SCHEDULE AND PAINT COLOR SCHEDULE ON THIS PAGE FOR MORE INFORMATION.

SOUND ATTENUATION BATTS:

1	PROVIDE SOUND BATTS FOR FULL HEIGHT OF WALL ON ALL INTERIOR PARTITIONS SURROUNDING ROOMS WITH "X" IN SCHEDULE ABOVE

VAPOR BARRIER:

1	PROVIDE VAPOR BARRIER ON WALLS ADJACENT TO FREEZER BETWEEN STUD AND GYP ON FREEZER SIDE OF WALL

FINISH MATERIAL SCHEDULE :

MAT. KEY	KEY DESCRIPTION	MANUFACTURER	DESCRIPTION - COLOR	REMARKS
AL/GL	ALUMINUM & GLASS STOREFRONT	BY CONTRACTOR	CLEAR ANODIZED	SEE ELEVATIONS FOR GLAZING TYPES
CS-1	CEILING SYSTEM	BY CONTRACTOR		SEE PROJECT MANUAL - SECTION 095113
CONC.	CONCRETE SLAB	BY CONTRACTOR		SEE PROJECT MANUAL - SECTION 033000
EXP	EXPOSED STRUCTURE	BY CONTRACTOR	SEE ROOM FINISH SCHEDULE	SALES FLOOR - GC TO ENSURE ALL JOIST AND JOIST GIRDER TAGS ARE PROPERLY SECURED TO JOIST WEBBING AND CONCEALED FROM VIEW PRIOR TO PAINTING.
EXP-1	EXPOSED STRUCTURE	BY CONTRACTOR	NO PAINT	BACK ROOM/ABOVE CEILINGS
FRP	FIBER REINFORCED PLASTIC	BY CONTRACTOR	P-151 LIGHT GRAY	SEE PROJECT MANUAL - SECTION 066400
GR-1	GROUT	MAPEI	#47 CHARCOAL	GROUT FOR T-2 AND T-3
GR-2	GROUT	TEC	POWER GROUT #941 RAVEN	GROUT FOR PORC-1 & PORC-2
GR-3	GROUT	MAPEI	#00 WHITE	GROUT FOR T-4
GR-4	NOT USED			
GR-5	GROUT	MAPEI	#111 HICKORY	GROUT FOR T-1, T-5
GYP BD	GYPSUM WALL BOARD	BY CONTRACTOR		SEE PROJECT MANUAL - SECTION 092900
LPB-1	LAMINATED PARTICLE BOARD - WAINSCOT	FORMICA	#5883-58 PECAN WOODLINE	COORDINATE w/ MILLWORK VENDOR TO BE INSTALLED 1/2" AFF - REFER TO APPENDIX A.
LPB-2	LAMINATED PARTICLE BOARD - SACKING COUNTER, WINDOW SILLS AND CABINETRY	FORMICA	#5884-58 CHESTNUT WOODLINE	COORDINATE w/ MILLWORK VENDOR, REFER TO APPENDIX A.
LPB-3	LAMINATED PARTICLE BOARD - COUNTERTOPS OFFICE	FORMICA	#961-58 FOG	COORDINATE w/ MILLWORK VENDOR, REFER TO APPENDIX A.
LPB-4	NOT USED			
LPB-5	LAMINATED PARTICLE BOARD - COOLER AND FREEZER VALANCES	FORMICA	#2297-58 TERRILL	COORDINATE w/ MILLWORK VENDOR. REFER TO APPENDIX A.
PLWD	PLYWOOD - PAINTED	BY CONTRACTOR	PT-7 / CL-6: SEMIGLOSS	BACK ROOM; SEE PROJECT MANUAL - SECTION 061053 (RUN PLWD VERTICAL)
PORC-1	PORCELAIN TILE - THICK SET	ARGELITH	LIGHT GRAY R9, 12"X12" (RUNNING BOND W/ STRAIGHT LINES RUNNING IN THE SHORT DIMENSION OF THE SALES FLOOR)	TILE & GROUT FURNISHED AND INSTALLED BY OWNER; SEE PROJECT MANUAL - SECTION 093000; GROUT: GR-2
PORC-2	PORCELAIN TILE - THIN SET	ARGELITH	LIGHT GRAY R9, 12"X12" (RUNNING BOND W/ STRAIGHT LINES RUNNING IN THE SHORT DIMENSION OF THE SALES FLOOR)	TILE & GROUT FURNISHED BY OWNER; INSTALLED BY GC; SEE PROJECT MANUAL - SECTION 093000; GROUT: GR-2
SAPC	SUSPENDED ACOUSTIC PANEL CEILING	BY CONTRACTOR	WHITE	SEE PROJECT MANUAL - SECTION 095113
SS-1	SCHLUTER STRIP	SCHLUTER	SCHIENE; E 160; STAINLESS STEEL FINISH	THIN SET PORCELAIN TILE TRANSITION EDGE - SIZE TO FIT TILE; INCLUDE ALL SPECIAL CORNER AND TRIM SHAPES (GC FURNISH AND INSTALL)
SS-2	SCHLUTER STRIP	SCHLUTER	RONDEC; DB 14 AE; SATIN ANODIZED ALUMINUM FINISH	WALL TILE EDGE - SIZE TO FIT TILE; INCLUDE ALL SPECIAL CORNER AND TRIM SHAPES (GC FURNISH AND INSTALL)
SS-3	SCHLUTER STRIP	SCHLUTER	DILEX-AHK; AHK 1S 80AE; SATIN ANODIZED ALUMINUM FINISH	WALL TILE BASE - SIZE TO FIT TILE; INCLUDE ALL SPECIAL CORNER AND TRIM SHAPES; INSTALL FLANGE ON VERTICAL SURFACE GC FURNISH AND INSTALL)
SS-4	SCHLUTER STRIP	SCHLUTER	QUADEC; Q125E; STAINLESS STEEL FINISH	THIN SET PORCELAIN TILE CORNERS - SIZE TO FIT TILE; INCLUDE ALL SPECIAL CORNER AND TRIM SHAPES (GC FURNISH AND INSTALL)
SSM-1	SOLID SURFACE MATERIAL - COUNTER BREAKROOM	WILSONART	#9175 ML(3) AVALANCHE MELANGE	COORDINATE w/ MILLWORK VENDOR. REFER TO APPENDIX A.
T-1	GLAZED TILE	DALTILE	WILLOW BEND - DARK BROWN WB03, 6"X24" (⅕ BOND)	SACKING COUNTER ACCENT TILE: (GC FURNISH AND INSTALL) GROUT: GR-5
T-2	PORCELAIN TILE	DALTILE	UNITY COLORBODY ASHGREY P405, UNPOLISHED, 12"X24" (RUNNING BOND)	RESTROOM WALL TILE: (GC FURNISH AND INSTALL); GROUT: GR-1
T-3	PORCELAIN TILE	DALTILE	AVORIO P400 MODERN LINER UNPOLISHED, 12"X12" (LINEAR BOND)	12" RESTROOM ACCENT STRIPE: (GC FURNISH AND INSTALL); GROUT: GR-1
T-4	GLAZED TILE	DALTILE	RITTENHOUSE SQUARE - WHITE 0100 SEMI-GLOSS, 3"X6" (RUNNING BOND)	SALES FLOOR REAR WALL ACCENT TILE; (GC FURNISH AND INSTALL); GROUT: GR-3
T-5	PORCELAIN TILE	DALTILE	RITTENHOUSE SQUARE - ARTIC WHITE MATTE, 3"X6" (RUNNING BOND)	BREAKROOM BACKSPLASH TILE: (GC FURNISH AND INSTALL) GROUT: GR-5
VB-1	VINYL BASE	ROPPE	193 BLACK /BROWN	SEE PROJECT MANUAL - SECTION 096513
WP-1	WOOD PANEL	ARCH SYSTEMS	INTERWOVEN ECO-PANELS - WPVEP017	FOR NATIONAL ACCOUNT ORDERING, CONTACT RACHEL COOPER OF ARCH SYSTEMS VIA PHONE: 646-460-8222 OR EMAIL: RCOOPER@ARCHSYSTEMS.COM AND CC MRAMPELLI@ARCHSYSTEMS.COM

WALL AND SURFACE PROTECTION SCHEDULE :

MAT. KEY	KEY DESCRIPTION	MANUFACTURER	DESCRIPTION - COLOR	REMARKS
BG	BUMPER GUARD	McCUE	STAINLESS STEEL	SEE PROJECT MANUAL - SECTION 102600
BR	BUMPER RAIL	McCUE	CART STOP SSR	SEE PROJECT MANUAL - SECTION 102600
BR-C	BUMPER RAIL	McCUE	CART STOP UG150 12'H. - 101 (GREY)	SEE PROJECT MANUAL - SECTION 102600
CG-A	CORNER GUARD		CLEAR ANODIZED ALUMINUM	SEE PROJECT MANUAL - SECTION 102600 REFER TO CG-A SCHEDULE FOR SIZE AND LOCATION
CG-ST	CORNER GUARD	BY CONTRACTOR	STEEL - PT-3 / CL-6: SEMIGLOSS	SEE PROJECT MANUAL - SECTION 055000
CPB	CONC. PALLET BUMPER	BY CONTRACTOR	PT-3 / CL-6: SEMIGLOSS(BACK ROOM, COOLER, FREEZER) PT-3 / CL-5: SEMIGLOSS(SALES)	SEE DETAIL 7/A601 FOR COLOR BREAK
CRTB	CART BUMPER	BY CONTRACTOR	CONC NATURAL - RUBBED FINISH	SEE DETAIL D1/S301
CRT-RL	CART RAIL	BY CONTRACTOR	GALVANIZED	SEE PROJECT MANUAL - SECTION 055000
KP	KICK PLATE	BY CONTRACTOR	STAINLESS STEEL	SEE PROJECT MANUAL - SECTION 087100
SSBR	STAINLESS STEEL BUMPER RAIL	TARPENING - LAFOLLETTE CO	STAINLESS STEEL	

BOLLARD SCHEDULE :

MAT. KEY	KEY DESCRIPTION	MANUFACTURER	DESCRIPTION - COLOR	REMARK
BLRD-1	NOT USED			
BLRD-2	10" Ø BOLLARD	BY CONTRACTOR	STEEL PIPE FILLED w/ GROUT - PT-19 / CL-4: SEMIGLOSS	@ LOADING DOCK - SEE STRUCTURAL DWG.
BLRD-3	3" Ø BOLLARD	BY CONTRACTOR	GALV STEEL PIPE POST	@ CART CORRAL - CENTER WITHIN ROWS. ATTACH OWNER PROVIDED STARTER CHAINS FOR CART SYSTEM - COORD LAYOUT WITH ALDI CONSTRUCTION REPRESENTATIVE; SEE PROJECT MANUAL - SECTION 055000
BLRD-4	6" Ø STEEL PIPE BOLLARD W/ COVER	McCUE CORPORATION	SLOPED PLASTIC COVER CSPC-6S-54-155	SLOPED SIDE OF COVER TO FACE AWAY FROM BUILDING. FOR ORDERING, CONTACT JOHN ROMANO OF MCCUE CORP. 574-532-0221 / ROMKTG@AOL.COM

EQUIPMENT AND ACCESSORY SCHEDULE :

MAT. KEY	KEY DESCRIPTION	MANUFACTURER	DESCRIPTION - COLOR	REMARK
AC-X	TOILET ROOM ACC.	BY CONTRACTOR		SEE PROJECT MANUAL - SECTION 102800
MDU	MULTIDECK UNITS W/INTEGRAL FASCIA	HUSSMANN		BY OWNER
TR-1	TRASH RECEPTACLE	DAWN ENTERPRISES	MODEL # RP40S-ALDI - FACTORY FINISH	FOR ORDERING, CONTACT SARAH ANDERSON OF DAWN ENTERPRISES VIA PHONE: 800-262-3296 x118 OR EMAIL: sarah@godawn.com
R-1	REFRIGERATOR	GE		OWNER SUPPLIED CONTRACTOR INSTALLED
DW-1	DISHWASHER	GE		OWNER SUPPLIED CONTRACTOR INSTALLED
MW-1	MICROWAVE OVEN	GE		OWNER SUPPLIED CONTRACTOR INSTALLED
TV-1	TELEVISION	VIZIO	D55-F2	CONTRACTOR TO PROVIDE. INCLUDING SOLID WOOD BLOCKING AND COMPATIBLE FIXED MOUNTING BRACKET
R-2	REFRIGERATOR	TRUE		OWNER SUPPLIED CONTRACTOR INSTALLED
F-1	FREEZER	TRUE		OWNER SUPPLIED CONTRACTOR INSTALLED
RC-1	ROLLING CART	HUSKY		OWNER SUPPLIED CONTRACTOR INSTALLED

CG-A SCHEDULE (U.N.O.) :

TYPE	SIZE	REMARKS
INSIDE CORNERS	1" x 1" x 1/16" x 80" LENGTHS	INSTALL AT LPB ONLY. OWNER FURNISHED CONTRACTOR INSTALLED
OUTSIDE CORNERS	2" x 2" x 1/16" x 80" LENGTHS	INSTALL AT LPB ONLY. OWNER FURNISHED CONTRACTOR INSTALLED
J CHANNEL	3/4" x 96" LENGTHS	INSTALLED AT ALL LPB EDGES. LONG LEG ON THE BACK SIDE OF LPB AND SHORT LEG LEFT EXPOSED. OWNER FURNISHED CONTRACTOR INSTALLED
ANGLE	FRY REGLET JDM-50	INSTALLED AT BOTTOM OF GYP. BD. ABOVE COOLER AND FREEZER DOORS. CONTRACTOR PROVIDED

INTERIOR MTL. STUD SCHEDULE (U.N.O.) :

HEIGHT OF STUD	GAUGE	SPACING (IN. O.C.)
<15'-0"	20	16
15'-0" - 20'-0"	18	16
> 20'-0"	16	16
NOTES		
STUD DEPTH INDICATED ON DRAWINGS		
STRUCTURAL DRAWINGS & PROJECT SPECIFIC LIGHT GAUGE SHOP DRAWINGS SUPERSEDE THIS TABLE		
THIS TABLE IS FOR GENERAL REFERENCE ONLY, STUD MANUFACTURER'S SPAN TABLES SHOULD SUPERSEDE THIS TABLE BASED ON STUD DESIGNATION SELECTED AND SPAN REQUIREMENTS.		

PAINT COLOR SCHEDULE :

MAT. KEY	KEY DESCRIPTION	MANUFACTURER	DESCRIPTION - COLOR	REMARKS
CL-1	PAINT COLOR	SHERWIN WILLIAMS	#7510 CHATEAU BROWN	
CL-2	PAINT COLOR	SHERWIN WILLIAMS	#6071 POPULAR GRAY	
CL-3	PAINT COLOR	SHERWIN WILLIAMS	#6073 PERFECT GREIGE	USED ABOVE PAINT BREAK LINE ONLY WITH SUSPENDED CEILING
CL-4	PAINT COLOR	SHERWIN WILLIAMS	SAFETY YELLOW	
CL-5	PAINT COLOR	SHERWIN WILLIAMS	#7504 KEYSTONE GRAY	
CL-6	PAINT COLOR	SHERWIN WILLIAMS	#7073 NETWORK GRAY	
CL-7	PAINT COLOR	SHERWIN WILLIAMS	#7015 REPOSE GRAY	
CL-8	PAINT COLOR	SHERWIN WILLIAMS	#7757 HIGH REFLECTIVE WHITE	
CL-9	PAINT COLOR	SHERWIN WILLIAMS	#6005 FOLKSTONE (240-C6)	4
CL-10	PAINT COLOR	SHERWIN WILLIAMS	#6258 TRICOM BLACK	
PT-X	PAINT SYSTEM	BY CONTRACTOR		SEE PAINT SYSTEM SCHEDULE ON THIS SHEET. REFER TO SPEC SECTION 099100 FOR PRODUCT REQUIREMENTS.

INTERIOR PAINT SYSTEM SCHEDULE

PT #	SYSTEM	SUBSTRATE	SYSTEM
PT-1	LATEX SEMI-GLOSS	CONCRETE BLOCK	1C. PRIMER B25W25 1C. B31-2600 1C. B31-2600
PT-2	DRY-FALL (RETROFIT/ RENOVATION/ REFRESH STORES)	EXPOSED STEEL, WOOD, DUCTS, CONDUIT & SCRIM	1C. PRIMER B66-1560 1C. B66-1560
PT-2	DRY-FALL (NEW CONSTRUCTION STORES)	EXPOSED STEEL, WOOD, DUCTS, CONDUIT & SCRIM	STEEL DECKS: 1C. PRIMER B66-310 1C. B42W181 GALVANIZED DECKS: 1C. PRIMER B42W181 1C. B42W181
PT-3	LATEX SEMI-GLOSS	STEEL & CONC.	1C. PRIMER B66-310 1C. B66-650 1C. B66-650
PT-4	LATEX SEMI-GLOSS	GALVANIZED METAL GRILLES	1C. PRIMER B66-310 1C. B66-650 1C. B66-650
PT-5	LATEX EGGSHELL	GYPSUM BOARD	1C. PRIMER B28W2600 1C. B20-2600 1C. B20-2600
PT-6	LATEX FLAT	GYPSUM BOARD	1C. PRIMER B28W2600 1C. B20-2600 1C. B20-2600
PT-7	LATEX SEMI-GLOSS	PLYWOOD AND TRIM	1C. PRIMER B28W8111 1C. B31 1C. B31
PT-8	WATER-BORNE URETHANE	STEEL	1C. PRIMER 646-100 1C. B65-720 1C. B65-720
PT-9	WATER-BORNE EPOXY /URETHANE	CONCRETE	1C. PRIMER 3460 WBE 1C. 3460 WBE/5150-15 1C. 4408
PT-10	WATER-BORNE EPOXY	CONCRETE	1C. PRIMER 8100 1C. 8100 1C. 8100

EXTERIOR PAINT SYSTEM SCHEDULE

PT #	SYSTEM	SUBSTRATE	SYSTEM
PT-15	LATEX SATIN	CAST CONCRETE	1C. PRIMER A24W8300 1C. K43 1C. K43
PT-16	URETHANE GLOSS	CONCRETE BLOCK	1C. PRIMER A2W200 1C. 646-100 1C. B65-720
PT-17	LATEX SATIN	EXISTING EIFS /STUCCO	1C. PRIMER B28W2600 1C. B20-2600 1C. B20-2600
PT-18	LATEX SATIN	P.T. WOOD	1C. PRIMER B24W804 1C. K43 1C. K43
PT-19	LATEX GLOSS	STEEL	1C. PRIMER 646-100 1C. B65-720 1C. B65-720
PT-20	LATEX OVER ALKALI-RESISTANT PRIMER SYSTEM	CMU	1C. PRIMER A24W200 1C. K43 1C. K43

PAINT NOTES:

1	PAINT COLORS MUST BE PROVIDED BY MANUFACTURER INDICATED; NO SUBSTITUTIONS WILL BE ACCEPTED FOR COLOR.
2	ALL PAINTS ARE FROM SHERWIN-WILLIAMS NATIONAL ACCT. CONTACT: TODD MCMARTIN 630-617-1714 / TODD.R.MCMARTIN@SHERWIN.COM

THERMAL INSULATION SCHEDULE

LOCATION	MIN. R VALUE	INSULATION TYPE	DESIGN STANDARD	REMARKS
UNDER SLABS	30	TYPE IV EXTRUDED-POLYSTYRENE BOARD INSULATION		PROVIDE UNDER FREEZER SLAB
PERIMETER WALL INSULATION (SUPPORTING BACKFILL)	10	EXTRUDED POLYSTYRENE FOAM BOARD INSULATION	DOW STYROFOAM CAVITYMATE	PROVIDE AT FOUNDATION PERIMETER AS SHOWN ON DRAWINGS
CONTINUOUS WALL INSULATION	10.1	FOIL-FACED, POLYISOCYANURATE BOARD INSULATION	DOW THERMAX (CI) EXTERIOR INSULATION	PROVIDE AT EXTERIOR STUD FACE OF EXTERIOR PERIMETER WALLS AS SHOWN ON DRAWINGS
CONCEALED BUILDING INSULATION	14.8 3.7/INCH	OPEN-CELL SPRAY POLYURETHANE FOAM	ICYNENE CLASSIC (LD-C-50)	PROVIDE AT PERIMETER WALL STUDS AS SHOWN ON DRAWINGS - THERMAL BARRIER OF EITHER FULL HEIGHT 1/2" GYP. BD. OR INTUMESCENT COATING REQUIRED; SEE SPECIFICATIONS; GC TO PROVIDE BASED ON COST ANALYSIS
METAL STUDS & GYP BD PARTITIONS	N/A	SOUND ATTENUATION BLANKETS		PROVIDE PER ROOM FINISH SCHEDULE
CONCEALED SPACES	3.7/INCH	OPEN-CELL SPRAY POLYURETHANE FOAM	ICYNENE CLASSIC (LD-C-50)	
ROOF INSULATION	5.71/INCH TOTAL: 24	POLYISOCYANURATE BOARD INSULATION	CLOSE-CELL FOAM CORE FIBER-REINFORCED ORGANIC FELT FACERS	CONFIRM REQUIRED INSULATION THICKNESS TO OBTAIN DESIGN R-VALUE WITH MANUFACTURER

INSULATION NOTES:

1	MINIMUM 'R' VALUE BASED ON (LTTR) LONG TERM THERMAL RESISTANCE VALUE PER ASTM C1289.

ICC WORK REQUIREMENTS FOR G.C. (SOME ITEMS FOR RENOVATIONS ONLY):

	TILE VENDOR: 704-504-5544
1	STORE TO BE WATER TIGHT AND WIND PROOF.
2	A WATER SUPPLY IN A CONVENIENT LOCATION, PREFERABLY INSIDE THE BUILDING.
3	ALL AREAS, INCLUDING SMALL ROOMS, TO BE WELL LIT PRIOR TO THE START DATE.
4	ACCESS TO MULTIPLE STANDARD POWER SOCKETS INSIDE THE STORE.
5	THE 1ST VISIT WILL INVOLVE ICC INSTALLING ALL OF THE NEW TILE AREAS. PLEASE BOOK THIS DATE 8 WEEKS PRIOR TO THE START DATE.
6	THE 2ND VISIT WILL INVOLVE ICC MAKING ALL THE REPAIRS ON THE EXISTING FLOOR. THIS CREW WILL NOT BE ABLE TO INSTALL ANY NEW AREAS. PLEASE BOOK THIS DATE IN 4 WEEKS PRIOR TO THE START DATE. PLEASE PROVIDE AN ACCURATE COUNT OF THE TILES TO BE REPLACED AT THIS TIME.
7	GC TO SEND A PLAN AND PHOTOS SHOWING THE EXACT LOCATION OF ALL AREAS TO BE TILED, 4 WEEKS PRIOR TO THE ICC START DATE.
8	ALL TILE AREAS TO BE CLEAR AND SWEPT PRIOR TO ICC ARRIVAL.
9	GC TO ORDER TILE DIRECTLY FROM ALDI. EACH PALLET IS 360SQFT. PLEASE ORDER 1 EXTRA PALLET FOR SPOT REPAIRS. GC TO UNLOAD TILE WHEN DELIVERED TO JOBSITE. TILE TO BE STORED ON THE SALES FLOOR. TILE WILL BE DELIVERED PRIOR TO INSTALLERS ARRIVING AT THE JOBSITE. DELIVERIES TO BE AGREED WITH ICC PM.
10	ICC TO HAVE ACCESS TO GC'S FORKLIFT.
11	ICC TO HAVE USE OF GC'S DUMPSTER.
12	GC TO COMPLETE AS MUCH OVERHEAD WORK AS POSSIBLE PRIOR TO ICC STARTING.
13	A DESIGNATED MIXING AND MATERIAL STORAGE AREA TO BE AVAILABLE CLOSE TO AN ENTRANCE TO THE SALES FLOOR. IF YOU NEED US TO START TILING AT THE FRONT OF THE STORE THEN THE MIXING STATION NEEDS TO BE AT THE REAR, AND VICE VERSA.
14	ANY CONNECTIONS TO EXISTING TILE ARE TO BE CUT CLEAN ALONG A GROUT JOINT. FOR THE LW AND SW PROJECTS A STRAIGHT AND CONSISTENT LINE ALONG THE EXISTING TILE IS TO BE PROVIDED, WHICH MEANS POTENTIALLY REMOVING UP TO 3 ROWS OF TILE.
15	A 2" MUDBED WILL BE MIXED AND PUMPED INTO THE STORE. THE TILE IS THEN LAID ON TOP AND VIBRATED INTO THE MUDBED. ALL MUDSET AREAS ARE TO BE READY AT THE SAME TIME.
16	ICC WILL BE WORKING A MINIMUM OF 12HR DAYS INCLUDING SATURDAYS AND SOME SUNDAYS; TYPICAL INSTALLATION TIME FOR THE SALES FLOOR, OFFICE, BATHROOMS, BREAKROOM AND HALLWAY IS 15 DAYS.
17	GC AND OTHER SUBCONTRACTORS NOT TO WALK ON NEW TILE AREAS FOR 3 DAYS AFTER INSTALLATION, AFTER SPEAKING TO ICC FOREMAN.
18	GC AND OTHER SUBCONTRACTORS NOT TO DRIVE ANY LIFTS OR HEAVY MACHINERY ON THE TILE FOR 10-14 DAYS AFTER INSTALLATION. ROLLING SCAFFOLD'S CAN BE USED AFTER 3-5 DAYS. THE ICC FOREMAN WILL AGREE TO ACCESS DAYS/DATES WHILE ON THE JOBSITE.
19	GC WILL NEED TO WASH THE FLOOR PRIOR TO ALDI HAND-OVER. FILA DETERDEK OR A HIGH SPEC GROUT HAZE REMOVER IS RECOMMENDED (SEE SPEC SECTION 093000). PLEASE CALL ICC FOR FURTHER RECOMMENDATIONS.

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
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E		

Revisions:		Date:
1	Addendum 1	07/12/19
2		
3		
4	ADD 4	10/04/19
5	ADD 5	10/23/19
6	CCD 1	11/25/19
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Architecture

DRAWN BY: ER

REVIEWED BY: GT

GT

Seal

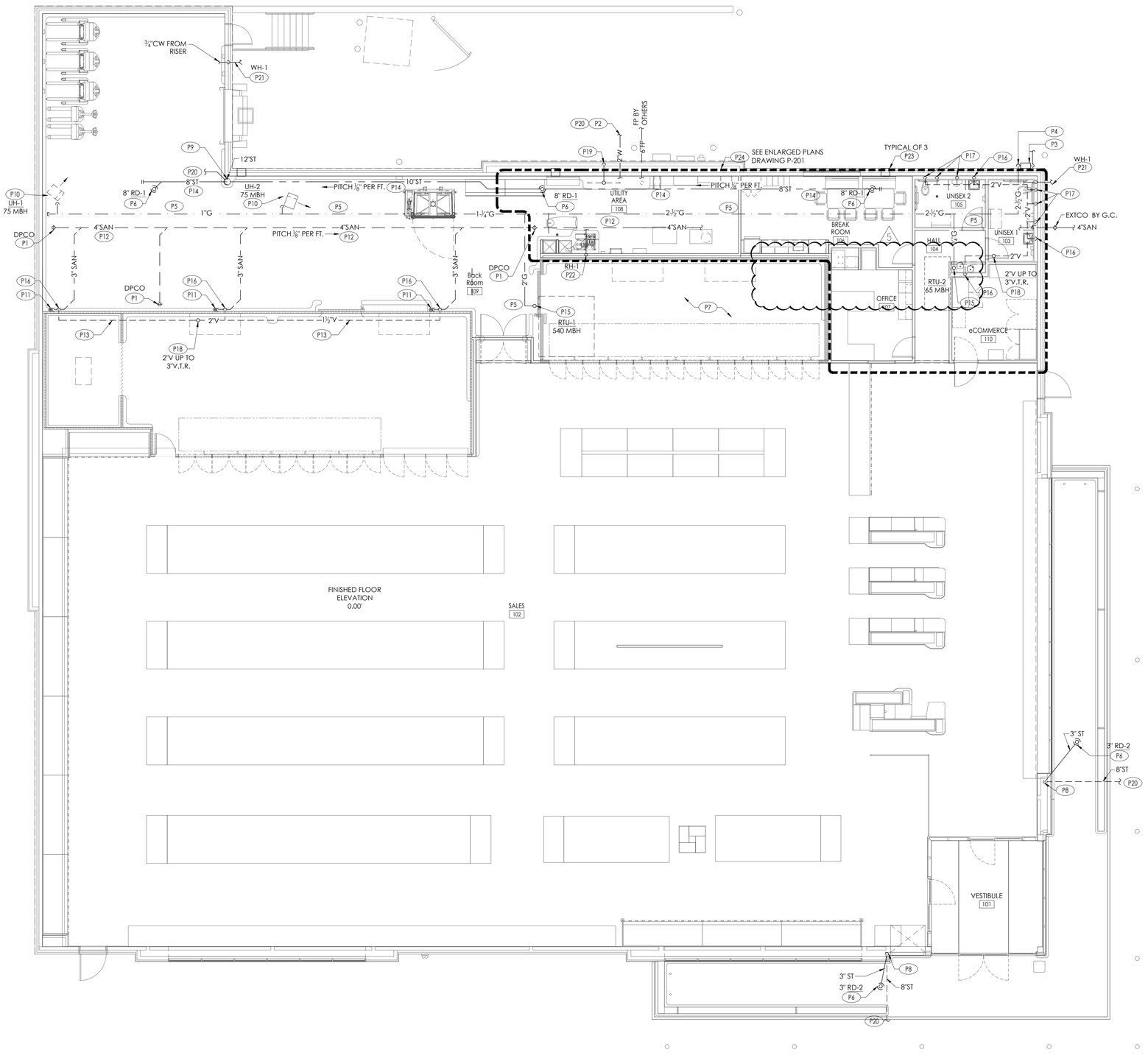
STATE OF MISSOURI
MITCH GARRETT
N

PLUMBING GENERAL NOTES:

REFER TO P501 FOR GENERAL NOTES

PLUMBING PLAN KEYNOTES:

- P1 PROVIDE DECK PLATE CLEANOUT. REFER TO DETAIL C1/P-401.
- P2 2" WATER SERVICE FROM BELOW GRADE. CONNECT TO SITE PIPING. REFER TO SITE UTILITY DRAWINGS FOR CONTINUATION AND COORDINATION. REFER TO WATER SERVICE DETAIL A1/P-401.
- P3 PROVIDE GAS METER WITH GAS REGULATOR. CONNECT TO UNDERGROUND GAS SERVICE BY GAS COMPANY. GAS METER SHALL BE MINIMUM CAPACITY OF 905 MBH. GAS REGULATOR SHALL BE 10" W.C., MINIMUM INLET PRESSURE REQUIRED AT RTU'S IS 7"W.C. . REFER TO DETAIL B1/P-401.
- P4 PROVIDE 2-1/2"G FROM GAS METER TO 11'-0 ABOVE GRADE INTO BUILDING. SECURE GAS PIPING TIGHT TO EXTERIOR WALL . REFER TO ISOMETRIC B2/P-301.
- P5 PROVIDE GAS PIPING. ROUTE AT UNDERSIDE OF STEEL.
- P6 PROVIDE ROOF DRAIN.
- P7 CONDENSATE DISCHARGE PIPING TO BE ROUTED FROM WALK-IN FREEZER TO FS-1 PROVIDE CODE COMPLIANT AIR GAP
- P8 PROVIDE 3" PVC DOWNSPOUT FROM CANOPY TO 8"ST. BELOW GRADE. PROVIDE WALL CLEANOUT WITHIN PILASTER 24" ABOVE FINISHED GRADE.
- P9 PROVIDE 10"ST DN. THRU FLOOR WITH CLEANOUT IN RISER 24" A.F.F., INCREASE TO A 12"ST AND ROUTE BELOW FLOOR SLAB AS SHOWN. COORDINATE WITH SITE CONTRACTOR FOR EXACT EXIT LOCATION AND INVERT. MAKE FINAL CONNECTION TO SITE PIPING.
- P10 PROVIDE GAS PIPING TO UNIT HEATER. PROVIDE WITH DIRT LEG AND ISOLATION SHUTOFF VALVE. MAKE FINAL CONNECTION TO UNIT. REFER TO ISOMETRIC B2/P-301 AND DETAIL B3/P-401.
- P11 PROVIDE 3" HUB DRAIN. HD-1. FOR COOLER/FREEZER CONDENSATE. COORDINATE WITH REFRIGERATION CONTRACTOR, G.C., AND ALDI FIELD REPRESENTATIVE SUCH THAT A CODE COMPLIANT AIR GAP IS MAINTAINED PRIOR TO ROUGH-IN. REFER TO DETAIL C2/P-401 AND LOCATION PLAN P-102.
- P12 PROVIDE SANITARY PIPING BELOW FLOOR.
- P13 PROVIDE VENT PIPING ABOVE CEILING.
- P14 PROVIDE ROOF STORM DRAINAGE PIPING. ROUTE AS HIGH AS POSSIBLE. PITCH ⅛" PER FOOT TOWARDS LEADER.
- P15 PROVIDE GAS PIPING UP THRU ROOF TO RTU. PROVIDE WITH DIRT LEG AND ISOLATION SHUTOFF VALVE. MAKE FINAL CONNECTION TO UNIT. REFER TO ISOMETRIC B2/P-301 AND DETAIL B2/P-401.
- P16 PROVIDE 1½"V UP.
- P17 PROVIDE 2"V UP.
- P18 PROVIDE VENT THROUGH ROOF.
- P19 PROVIDE 4" RPZ DISCHARGE. REFER TO A1/P-401 FOR DETAIL.
- P20 REFER TO SITE UTILITY DRAWINGS FOR CONTINUATION OF PIPING. P.C. SHALL MAKE FINAL CONNECTIONS TO SITE PIPING. COORDINATE WITH S.C. FOR CONNECTIONS.
- P21 PROVIDE ¾" ANTI-FREEZE LOCKABLE BOX WALL HYDRANT. MOUNT 18" ABOVE FINISHED GRADE. PROVIDE WITH TWO (2) EXTRA KEYS.
- P22 PROVIDE ROOF HYDRANT WITH ¾" CW SUPPLY AT A MINIMUM DISTANCE OF 4'-0" FROM ROOF HATCH OPENING.
- P23 SCUPPER, BY G.C. USED FOR SECONDARY ROOF DRAINAGE.
- P24 REFER TO ENLARGED PLANS DRAWING P-201 FOR PIPING WITHIN AREA AND DRAWING P-301 FOR ISOMETRIC DIAGRAMS.



1 Plumbing Floor Plan
SCALE: 1/8" = 1'-0"

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
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Revisions:		Date:
1	ADD 1	07/12/19
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DRAWN BY: T.T./A.B.

REVIEWED BY: T.T.

Seal

STATE OF MISSOURI
RAMESH MIRCHANDANI
NUMBER PE-2004018131
PROFESSIONAL ENGINEER

10/23/19

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JACKSON COUNTY
Project Name & Location:

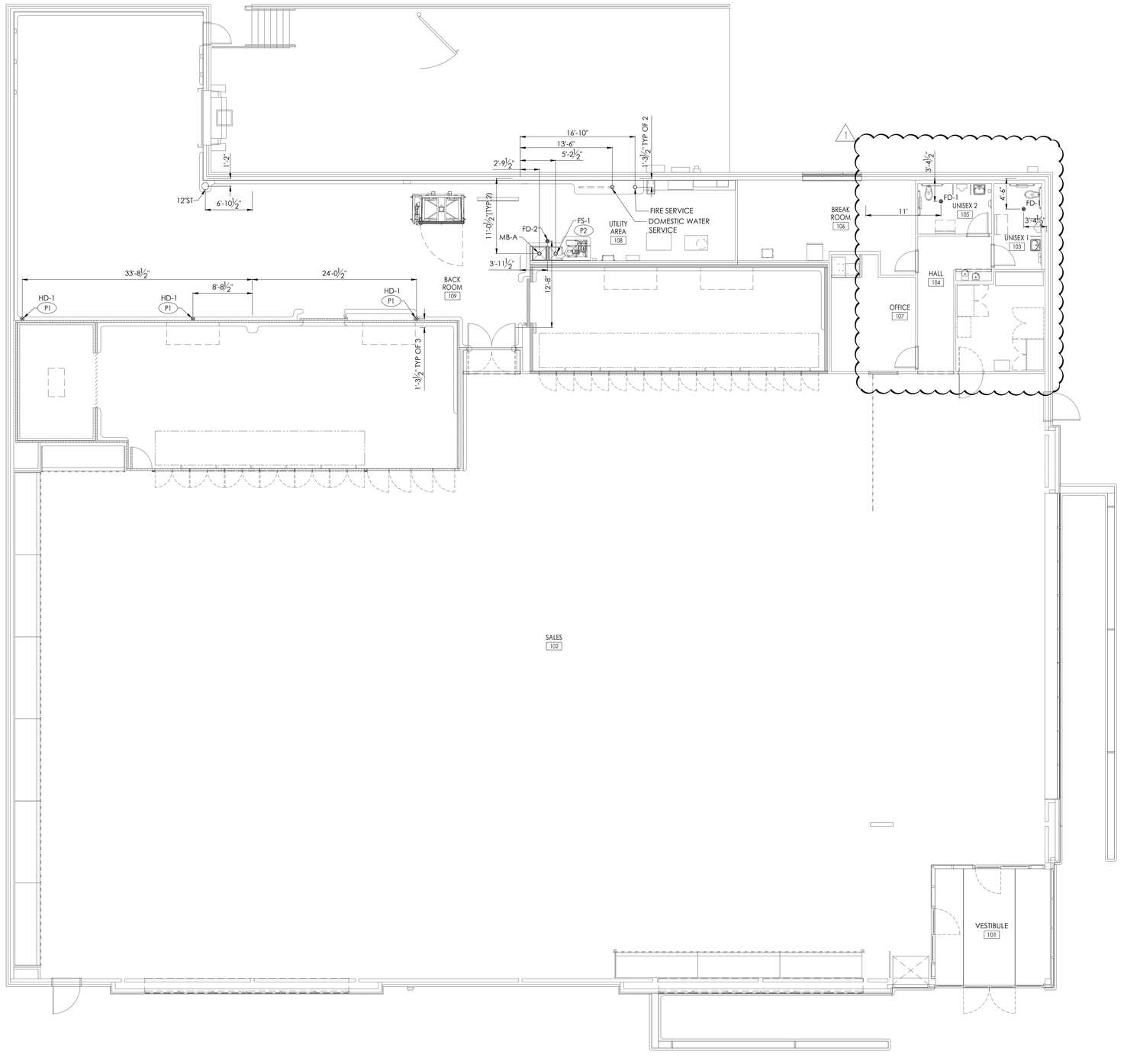
Plumbing Floor Plan
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

P-101
Drawing No.

PLOTTED: 10/18/2019 10:25 AM



1 Plumbing Drainage Location Plan

SCALE: 1/8" = 1'-0"

NORTH

PLUMBING DRAINAGE LOCATION PLAN KEYNOTES:

(P1) COORDINATE LOCATIONS OF CONDENSATE DRAINS WITH REFRIGERATION CONTRACTOR, G.C., AND ALDI FIELD REPRESENTATIVE SUCH THAT A CODE COMPLIANT AIR GAP IS MAINTAINED PRIOR TO ROUGH-IN. REFER TO DETAILS ON P-401.

(P2) COORDINATE LOCATION OF EVAC FLOOR SINK WITH REFRIGERATION CONTRACTOR, G.C., AND ALDI FIELD REPRESENTATIVE PRIOR TO ROUGH-IN.

PLOTTED: 7/19/2019 12:08 PM

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REVIEWED BY: T.T.

Seal

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RAMESH MIRCHANDANI
NUMBER PE-2004018131
PROFESSIONAL ENGINEER

07-12-19

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ALDI Inc. Store #: 06
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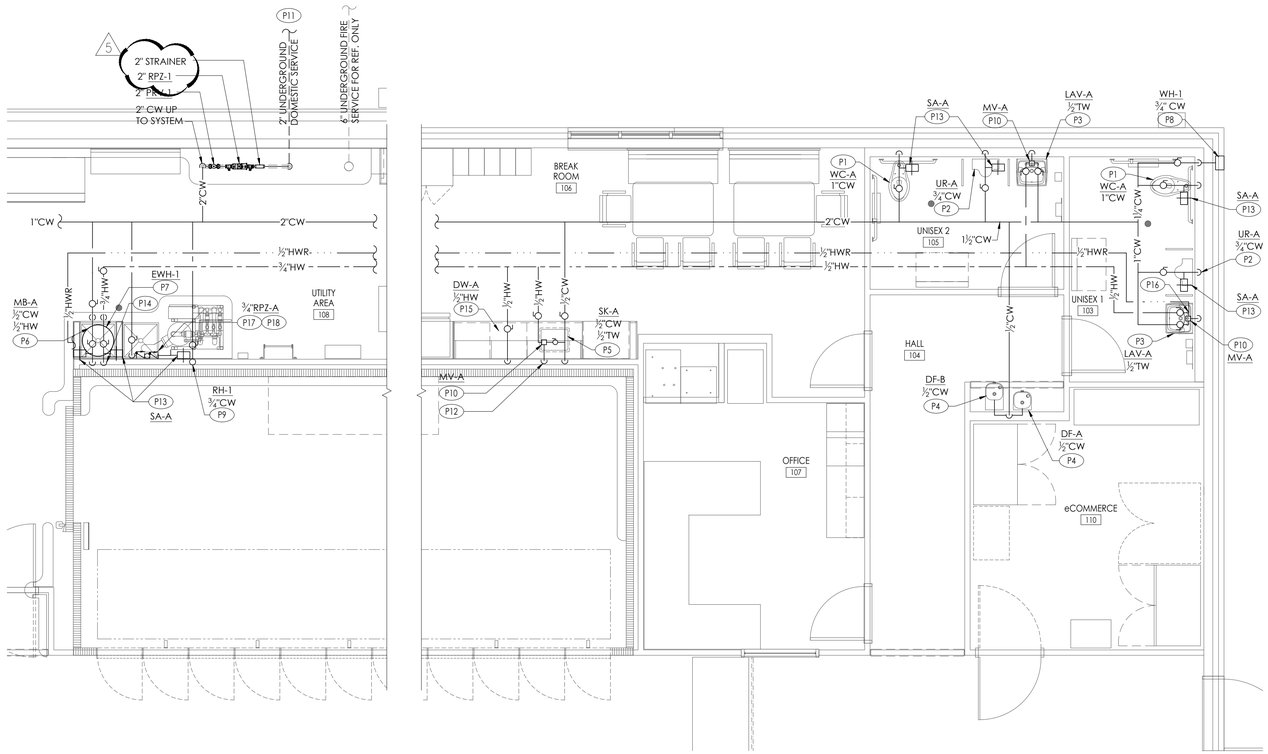
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Plumbing Drainage Location Plan
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No.
1813308
P-102
Drawing No.



ENLARGED PLUMBING PLAN KEYNOTES (B1):

- P1 PROVIDE WATER CLOSET AND PIPING CONNECTIONS.
- P2 PROVIDE URINAL AND PIPING CONNECTIONS.
- P3 PROVIDE LAVATORY AND PIPING CONNECTIONS.
- P4 PROVIDE DRINKING FOUNTAIN AND PIPING CONNECTIONS.
- P5 PROVIDE SINK AND PIPING CONNECTIONS.
- P6 PROVIDE MOP BASIN AND PIPING CONNECTIONS.
- P7 PROVIDE ELECTRIC WATER HEATER ABOVE MOP BASIN. REFER TO ARCHITECTURAL DRAWINGS FOR WATER HEATER SHELF. SEE DETAIL A3/P-401 FOR EWH-1 PIPING DETAIL & HW & CW PIPING SCHEMATIC DOWN TO MB-A. PROVIDE TRAP GUARD INSERT FOR FLOOR DRAIN.
- P8 PROVIDE ¾" ANTI-FREEZE LOCKABLE BOX WALL HYDRANT. MOUNT 18" ABOVE FINISHED GRADE.
- P9 PROVIDE ROOF HYDRANT AT A MINIMUM OF DISTANCE OF 4'-0" FROM ROOF HATCH OPENING.
- P10 PROVIDE TEMPERING MIXING VALVE, MOUNT ABOVE CEILING IN ACCESSIBLE LOCATION.
- P11 REFER TO SITE UTILITY DRAWINGS FOR CONTINUATION OF PIPING. P.C. SHALL MAKE FINAL CONNECTIONS TO SITE PIPING. COORDINATE WITH S.C. FOR CONNECTIONS.
- P12 PROVIDE ½"TW & ½"CW DN. IN WALL TO SINK.
- P13 PROVIDE WATER HAMMER SHOCK ABSORBER ABOVE UNIT SERVED. LOCATION SHOWN FOR CLARITY PURPOSES ONLY.
- P14 PROVIDE ½"CW & ½"HW DN. IN WALL TO MOP BASIN.
- P15 PROVIDE DISHWASHER AND PIPING CONNECTIONS.
- P16 CONNECT ½" HWR TO ½" HW AHEAD OF VALVE ABOVE CEILING
- P17 PROVIDE RIGID WATER PIPE SUPPORT ON EACH SIDE OF PIPING CHANGING DIRECTION UPSTREAM OF EVAC SYSTEM CONNECTIONS. INSTALL WATER HAMMER SHOCK ABSORBER AS CLOSE AS POSSIBLE TO QUICK-CLOSING VALVES. PROVIDE UNISTRUT SUPPORT WITH HOLDRITE 257-P SIZES UNDER 1" PIPE SIZE AND 287-P SERIES 1" UP TO 2" PIPE SIZE STRUT CLAMP WITH ACOUSTICAL PADS.
- P18 PROVIDE REDUCED PRESSURE ZONE ASSEMBLY BACKFLOW DEVICE AND ¾" CW TO EVAC. SYSTEM; P.C. SHALL MAKE ALL FINAL CONNECTIONS. MOUNT RPZ-A BETWEEN 30" AND 60"AFF.

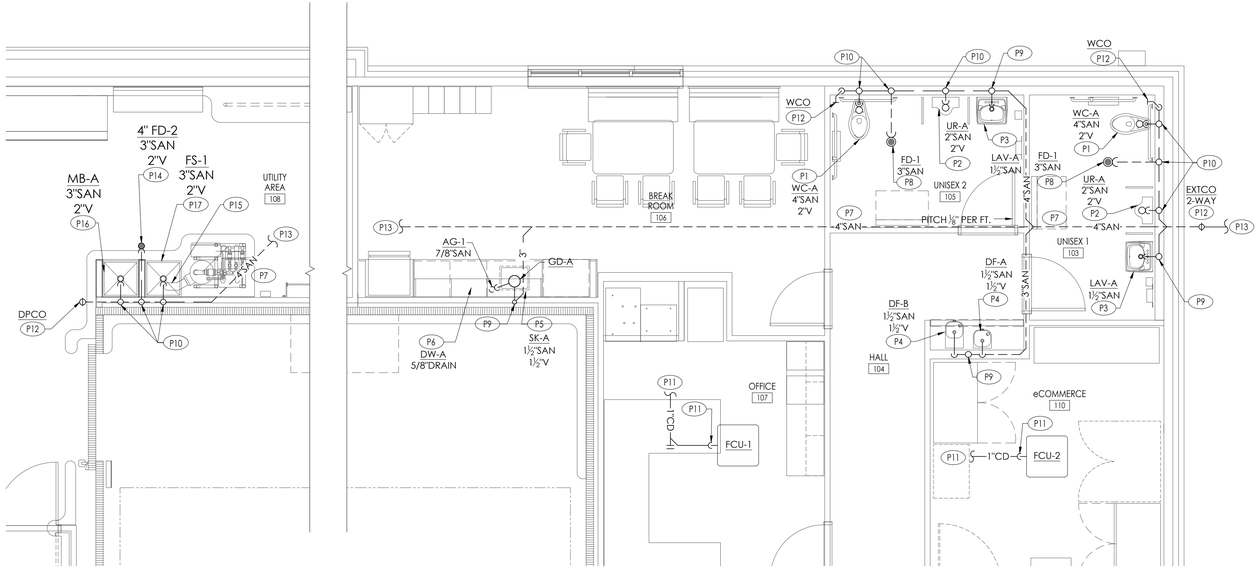
GENERAL DOMESTIC WATER NOTES:

1. REFER TO DETAIL A1/P-401 AND ISOMETRIC DIAGRAM B1/P-301.
2. PROVIDE DOMESTIC CW & HW PIPING. PIPING SHALL BE COPPER OR CPVC WATER SUPPLY PIPING. CPVC PIPING SHALL BE APPROVED FOR POTABLE WATER SYSTEMS.
3. ROUTE CW & HW SUPPLY PIPING ABOVE CEILING.
4. ALL WATER PIPING SHALL BE ROUTED AWAY FROM ELECTRICAL EQUIPMENT WHENEVER POSSIBLE. REFER TO P-501 GENERAL NOTES FOR ROUTING INFORMATION.

B1 Domestic Water Enlarged Plan

SCALE: 1/4" = 1'-0"

NORTH



NOTE:

ALL ELEVATIONS ARE TAKEN FROM FINISHED FLOOR: 0'-0"

ENLARGED PLUMBING PLAN KEYNOTES (D1):

- P1 PROVIDE WATER CLOSET AND PIPING CONNECTIONS.
- P2 PROVIDE URINAL AND PIPING CONNECTIONS.
- P3 PROVIDE LAVATORY AND PIPING CONNECTIONS.
- P4 PROVIDE DRINKING FOUNTAIN AND PIPING CONNECTIONS.
- P5 PROVIDE SINK, GARBAGE DISPOSAL AND PIPING CONNECTIONS.
- P6 PROVIDE DISHWASHER AND PIPING CONNECTIONS. ROUTE DRAIN TO GARBAGE DISPOSAL OR SINK TAIL PIECE VIA CODE-COMPLIANT AIR GAP.
- P7 PROVIDE SANITARY PIPING BELOW FLOOR.
- P8 PROVIDE FLOOR DRAIN WITH TRAP GUARD INSERT.
- P9 1½"V UP, REFER TO SANITARY ISOMETRIC DIAGRAM D1/P-301 FOR CONTINUATION.
- P10 2"V UP, REFER TO SANITARY ISOMETRIC DIAGRAM D1/P-301 FOR CONTINUATION.
- P11 PROVIDE 1" CONDENSATE DRAIN FROM FCU-1, ROUTE TO FLOOR SINK AS SHOWN. SLOPE AT ¼" PER FOOT. TERMINATE DRAIN 4" ABOVE BASIN RIM WITH AIR GAP PER CODE.
- P12 PROVIDE CLEANOUT.
- P13 REFER TO PLUMBING DRAWING P-101 & ISOMETRIC P-301 FOR CONTINUATION.
- P14 PROVIDE FLOOR DRAIN (FD-2), LOCATE DRAIN TO BE CLEAR OF PALLET BUMPER. PROVIDE TRAP GUARD INSERT FOR FLOOR DRAIN.
- P15 PROVIDE INDIRECT WASTE FROM EVAC SYSTEM TO FS-1. COORDINATE WITH REFRIGERATION CONTRACTOR, G.C., AND ALDI FIELD REPRESENTATIVE SUCH THAT A CODE COMPLIANT AIR GAP IS MAINTAINED PRIOR TO ROUGH-IN.
- P16 PROVIDE MOP BASIN AND PIPING CONNECTIONS.
- P17 PROVIDE FLOOR SINK AND PIPING CONNECTIONS.

SANITARY NOTE:

PRIOR TO BID, P.C. AND G.C. SHALL VERIFY SANITARY SEWER SYSTEM LOCATION, ROUTING, PITCHES, INVERTS, SIZES AND TIE-IN POINT. ALL SEWER SYSTEM INFORMATION SHALL BE COORDINATED WITH ALDI, INC. REPRESENTATIVE AT TIME OF BID WALK-THROUGH. INFORM PLUMBING ENGINEER OF ANY AND ALL DISCREPANCIES FROM WORK SHOWN ON PLUMBING DRAWINGS PRIOR TO BID DATE

D1 Sanitary Enlarged Plan

SCALE: 1/4" = 1'-0"

NORTH

Issued:		Date:
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DRAWN BY: T.T./A.B.

REVIEWED BY: T.T.

Seal

STATE OF MISSOURI
RAMESH MIRCHANDANI
NUMBER PE-2004018131
PROFESSIONAL ENGINEER

10/23/19

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ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

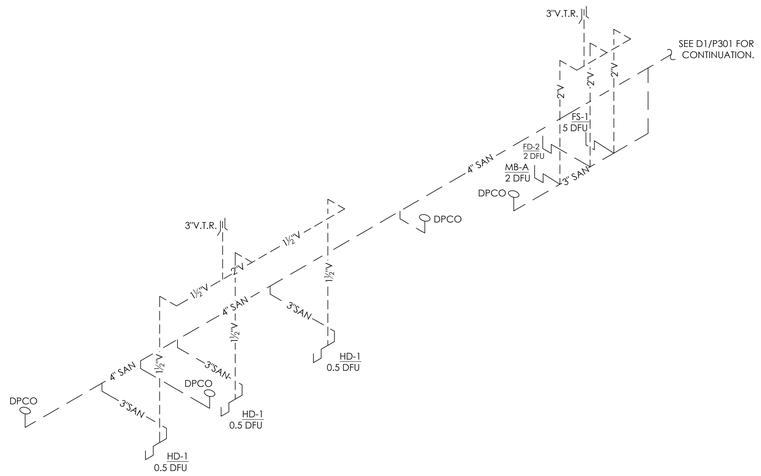
Enlarged Plumbing Plans
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

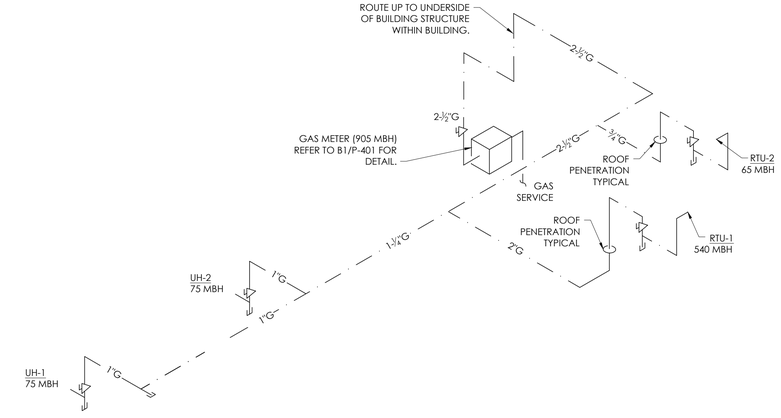
P-201
Drawing No.

PLOTTED: 10/21/2019 10:12 AM



D2 Sanitary Isometric Diagram (Back Room)

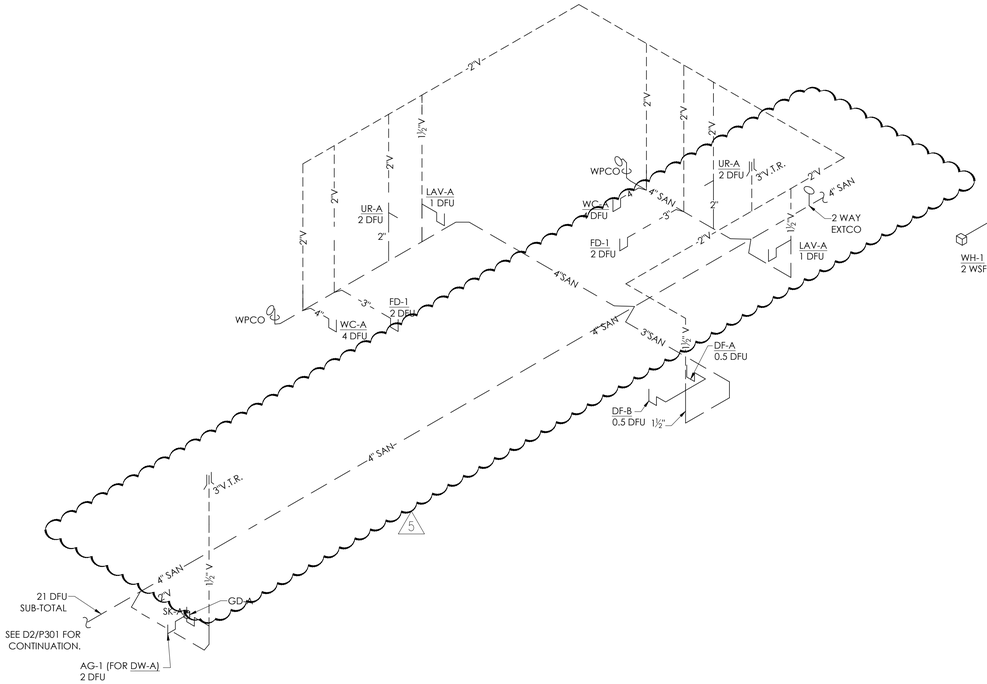
NO SCALE



B2 Gas Isometric Diagram

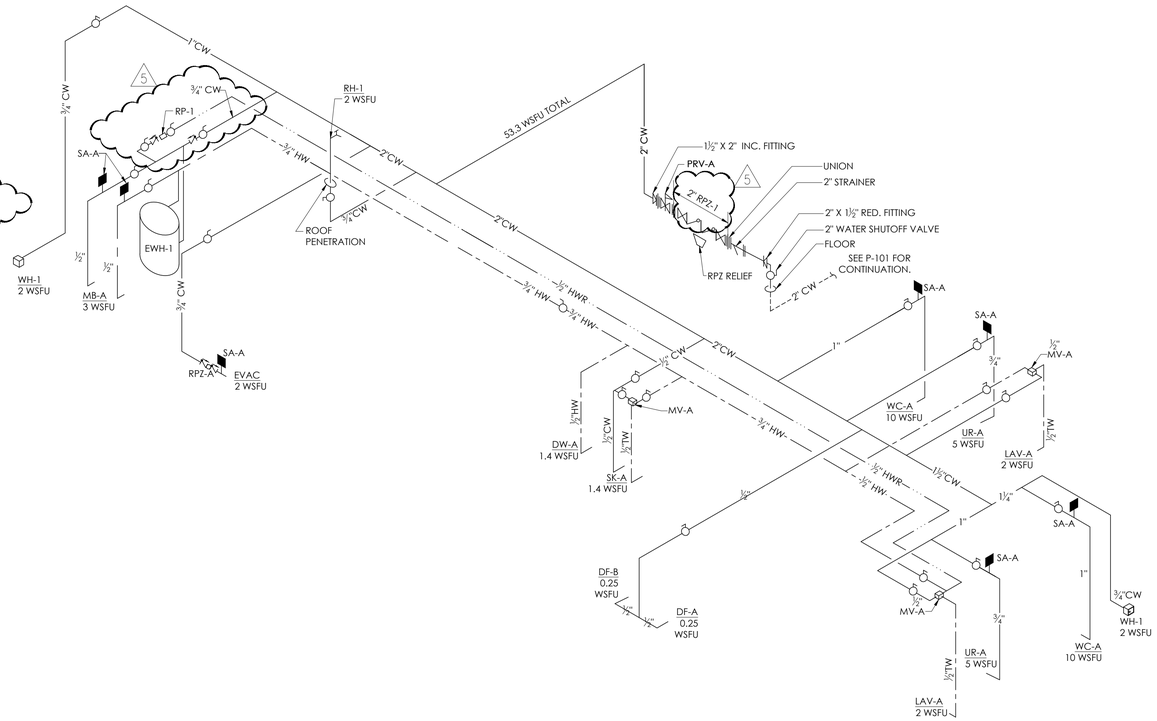
NO SCALE

SIZING BASED ON LONGEST LENGTH METHOD:
TO UH-1 AT 180 FEET USING
2015 IFGC TABLE 402.4(2) USING 200FT.



D1 Sanitary Isometric Diagram (Office Area)

NO SCALE



B1 Domestic Water Isometric Diagram

NO SCALE

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DRAWN BY: T.T./A.B.

REVIEWED BY: T.T.

Seal

10/23/19

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ALDI Inc. Store #: 06
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560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Isometric Diagrams
Drawing Name:

Date: 06/25/19

Type: RHRDV7ER

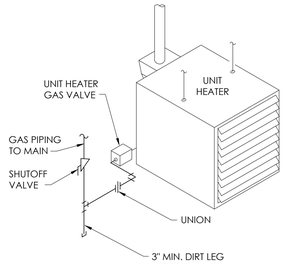
Drawn By:

Scale: As Noted

Project No.
1813308

P-301
Drawing No.

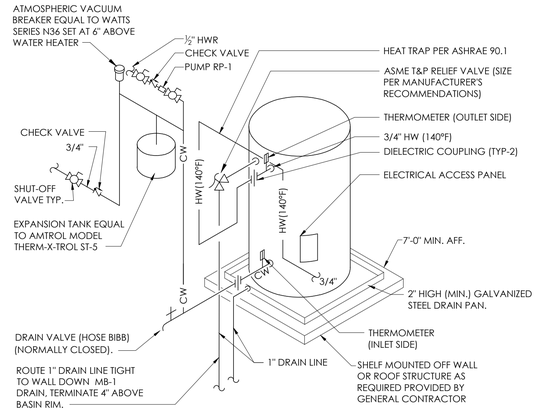
PLOTTED: 10/21/2019 10:22 AM



Unit Heater Gas Piping Detail

B3

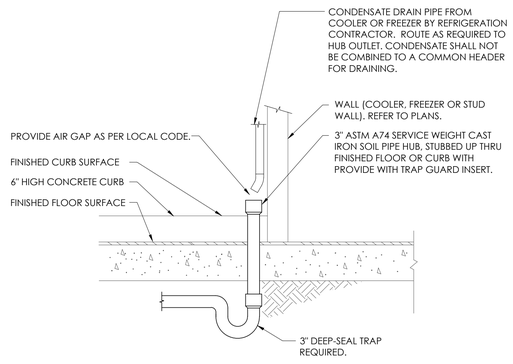
SCALE: NONE



Water Heater Piping Diagram

A3

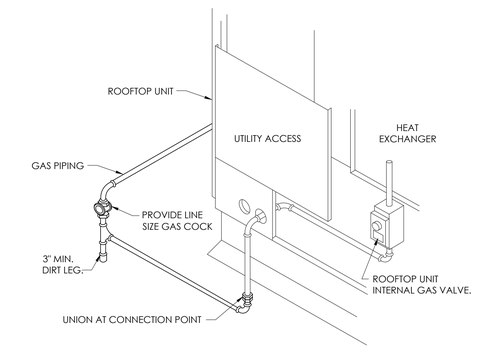
SCALE: N.T.S.



Back Room Condensate Drain Connection Detail

C2

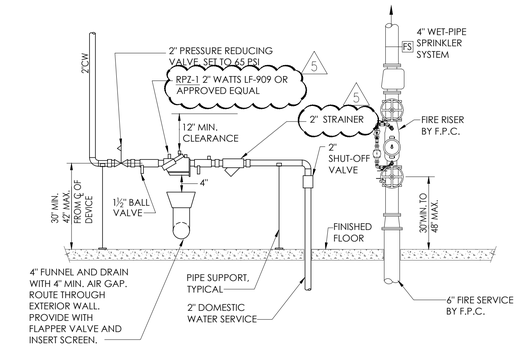
SCALE: NONE



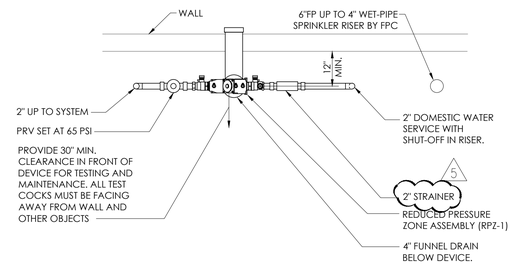
Rooftop Unit Gas Piping Detail

B2

SCALE: NONE



Elevation View



Plan View

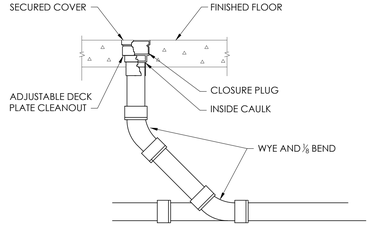
Detail Notes

1. RPZ SHALL BE ADEQUATELY SUPPORTED TO PREVENT LATERAL MOVEMENT. PIPE HANGERS, BRACES, SADDLES, PIERS, ECT., SHOULD BE USED TO SUPPORT THE RPZ AND SHOULD BE PLACED IN A MANNER THAT WILL NOT OBSTRUCT THE FUNCTION OF, OR INTERFERE WITH ACCESS TO THE RPZ.
2. LOCATION OF RPZ SHALL BE HEATED AND WELL LIGHTED.
3. PROVIDE THE FOLLOWING CLEARANCES AROUND THE BACKFLOW PREVENTION DEVICE:
   12" MIN. ABOVE DEVICE.
   30" MIN. IN FRONT OF DEVICE.
   12" MIN. BEHIND DEVICE.

Water Service Detail

A1

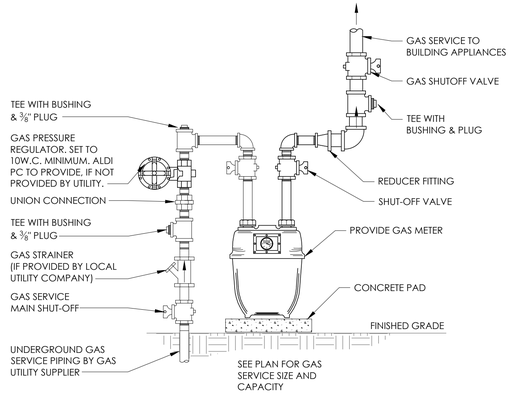
SCALE: N.T.S.



Deck Plate Cleanout Detail

C1

SCALE: NONE



Gas Service Detail

B1

SCALE: N.T.S.

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
E		

Revisions:		Date:
1	ADD 1	07/12/19
2		
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5	ADD 5	10/23/19
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DRAWN BY: T.T./A.B.

REVIEWED BY: T.T.

Seal

STATE OF MISSOURI
RAMESH MIRCHANDANI
NUMBER PE-2004016131
PROFESSIONAL ENGINEER

10/23/19

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8132 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Plumbing Details
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No.
1813308
P-401
Drawing No.

PLOTTED: 10/22/2019 3:15 PM

PLUMBING LEGEND

SYMBOL & ABBREV	ITEM
CW	COLD WATER
HW	HOT WATER
TW	TEMPERED WATER
HWR	HOT WATER RETURN
G	NATURAL GAS
SAN	SAN. WASTE
V	VENT
ST	STORM DRAIN
CD	CONDENSATE

SYMBOL	ABBREV	ITEM
	GV	GATE VALVE
	BV	BALL VALVE
	CV	CHECK VALVE
	GC	GAS COCK
	RD	ROOF DRAIN
	DPCO	DECK PLATE CLEAN OUT
	WPCO	WALL PLATE CLEAN OUT
		TRAPPED DRAIN
		TEE - UP
		TEE - DOWN
		TEE
		ELBOW - UP
		ELBOW DOWN
		ELBOW
		UNION

GENERAL PLUMBING NOTES:

1. PRIOR TO BID, P.C. AND G.C. SHALL VERIFY SANITARY SEWER SYSTEM LOCATION, ROUTING, PITCHES, INVERTS, SIZES AND TIE-IN POINT. ALL SEWER SYSTEM INFORMATION SHALL BE COORDINATED WITH ALDI, INC. REPRESENTATIVE AT TIME OF BID WALK-THROUGH. INFORM PLUMBING ENGINEER OF ANY AND ALL DISCREPANCIES FROM WORK SHOWN ON PLUMBING DRAWINGS PRIOR TO BID DATE.
2. GAS METER BY UTILITY CO. PROVIDE CONCRETE PAD UNDER METER AS REQUIRED BY THE UTILITY CO. 10"W.C. MIN. AT GAS METER. PIPE SIZES BASED ON INTERNATIONAL FUEL GAS CODE, 0.5 INCH W.C. PRESSURE DROP AND 0.6 S.G.
3. MAIN GAS SHUT-OFF VALVE ON VERTICAL OFFSET TAGGED AND LABELED. 5'-0" AFF.
4. ROUTE GAS LINE UP ALONG WALL, ENTER ABOVE INTERIOR CEILING HEIGHT, AND ROUTE TIGHT TO UNDERSIDE OF JOISTS.
5. ALL GAS PIPING SHALL BE INSPECTED AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF INTERNATIONAL FUEL GAS CODE SECTION 406.1.
6. ALL ELEVATIONS ARE TAKEN FROM FINISHED FLOOR: 0'-0"
7. IF REQUIRED BY LOCAL CODE USE CAST IRON PIPE IN LIEU OF PVC PIPE FOR SANITARY AND STORM.
8. ALL FLOOR DRAINS AND CLEANOUTS IN PORCELAIN TILE FLOOR SHALL BE NICKEL BRONZE. FLOOR DRAINS AND CLEANOUTS IN BACKROOM AND UTILITY ROOM WILL BE CAST IRON.
9. IF REQUIRED BY LOCAL UTILITY CO. WATER METER SHALL BE PROVIDED WITH REMOTE READING.
10. CAULK ALL CLEANOUT GRATINGS FLUSH TO AVOID TRAPPING OF DIRT.
11. ALL PIPING AT WALLS SHALL BE WITHIN CURB DEPTH.
12. DOMESTIC WATER PIPING DOWNSTREAM OF PRESSURE REDUCING VALVE MAY USE CPVC FOR POTABLE WATER IN LIEU OF COPPER PIPING.
13. ALL PLUMBING PIPING SHALL BE ROUTED AROUND ELECTRICAL AREAS WHERE POSSIBLE. IF ROOF DRAINS ARE OVER THE AREA, DRIP PAN SHALL BE INSTALLED UNDER THE ENTIRE LENGTH OF EACH PIPE OVER THE SENSITIVE AREA OVER THE ROOM, CHANNELING WATER AWAY SO AS TO PREVENT ANY LEAKS IN THE AREA. AT THE LOWER SEGMENT OF DRIP PAN, ROUTE DRAIN TO NEAREST APPROVED RECEPTACLE WITH AN APPROVED AIR GAP PER CODE. CONTRACTOR SHALL REVIEW ALL DRAWING PRIOR TO CONSTRUCTION, AND REPORT IF THIS CONDITION EXIST.

FIXTURE CONNECTION SCHEDULE

DESCRIPTION & SYMBOL		CONNECTION SIZE				
		HOT	TEMPERED	COLD	WASTE	VENT
WATER CLOSET	(WC-A)	---	---	1"	4"	2"
URINAL	(UR-A)	---	---	3/4"	2"	2"
LAVATORY	(LAV-A)	---	1/2"	---	1-1/2"	1-1/2"
SINK	(SK-A)	---	1/2"	1/2"	1-1/2"	1-1/2"
GARBAGE DISPOSAL	(GD-A)	---	---	---	1-1/2"	---
DISHWASHER	(DW-A)	1/2"	---	---	7/8" AG-1	---
MOP BASIN	(MB-A)	1/2"	---	1/2"	3"	2"
WATER HEATER	(EWH-1)	3/4"	---	3/4"	---	---
ANTI-FREEZE WALL HYDRANT	(WH-1)	---	---	3/4"	---	---
ROOF HYDRANT	(RH-1)	---	---	3/4"	---	---
DRINKING FOUNTAIN	(DF-A & B)	---	---	1/2"	1-1/2"	1-1/2"
EVAC	(EVAC & FS-1)	---	---	3/4"	3"	2"

PLUMBING MATERIAL LIST

NOTES:

1. ANY SUBSTITUTIONS TO THE SPECIFIED MATERIALS AND/OR EQUIPMENT MUST BE APPROVED BY OWNER BEFORE BIDDING AND ANY SUBSTITUTIONS SHALL BE STATED ON THE BID. IF NO SUBSTITUTIONS ARE NOTED ON THE BID, PROVIDED MATERIALS AND/OR EQUIPMENT SHALL BE FURNISHED EXACTLY AS SPECIFIED WITH NO EXCEPTIONS.

2. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION FOR ALL ABOVE EQUIPMENT/DEVICES LISTED ABOVE FOR COMPLETE INSTALLATION, MOUNTING AND CONNECTION REQUIREMENTS.

3. ALL FIXTURES, DEVICES AND MATERIAL SHALL COMPLY WITH THE SAFE DRINKING WATER ACT OF 2011.

FIXTURE	SYMBOL	DESCRIPTION
WATER CLOSET	WC-A	WATER CLOSET - AMERICAN STANDARD MADERA #3461.528 VITREOUS CHINA, FLOOR MOUNTED, TOP SPUD, ELONGATED BOWL, RIM 17 1/4" ABOVE FLOOR FOR WHEELCHAIR USE, BOLT CAPS, SLOAN SOLAR POWERED, SENSOR OPERATED FLUSH VALVE WITH BATTERY BACK-UP SOLIS 8111-1.28 WITH 1.28 GPF, ⅜" ANGLE SUPPLY AND STOP AND 1½" TOP SPUD CONNECTION AND SHALL BE CHROME PLATED, ADA COMPLIANT, VACUUM BREAKER, FACTORY SUPPLIED BATTERIES FOR BACK-UP ONLY, LOW BATTERY INDICATOR LIGHT, WALL AND SPUD FLANGES, WHITE HEAVY DUTY MOLDED SOLID PLASTIC ELONGATED SEAT WITH OPEN FRONT - BEMIS 1955.
URINAL	UR-A	URINAL - AMERICAN STANDARD "WASHBROOK" 6590.510, FLUSH VALVE TYPE, 0.5 GPF WHITE VITREOUS CHINA, WASHOUT, 3/4" TOP SPUD, 2" OUTLET, ELONGATED - 14" RIM. FURNISH CARRIER WITH TOP AND BOTTOM BEARING PLATES, BOLT SECURELY TO FLOOR. SLOAN SOLAR POWERED, SENSOR OPERATED FLUSH VALVE WITH BATTERY BACK-UP SOLIS 8186-0.5 WITH 0.5 GPF, 3/4" INLET, SHALL BE CHROME PLATED, WITH SCREWDRIVER BACK CHECK ANGLE STOP VALVE, ADA COMPLIANT, VACUUM BREAKER, FACTORY SUPPLIED BATTERIES FOR BACK-UP ONLY, LOW BATTERY INDICATOR LIGHT, WALL AND SPUD FLANGES, MOUNT 15 1/2" AFF TO RIM AND VALVE HANDLE AT 44" AFF MAXIMUM. PROVIDE REMOVABLE STAINLESS STEEL STRAINER AMERICAN STANDARD 0470680070A.
LAVATORY	LAV-A	LAVATORY - AMERICAN STANDARD "NEW LUCERNE" 0356.421, 20"x18" VITREOUS CHINA, WALL HUNG WITH SINGLE CENTER HOLE FOR FAUCET, AMERICAN STANDARD 7723.018 OFFSET TAILPIECE ASSEMBLY WITH GRID DRAIN. SUPPLY WITH ANGLE STOPS, ADJ. CHROME PLATED CAST BRASS TRAP WITH CO, WADE WS20-D FLOOR MOUNTED CARRIER WITH CONCEALED ARMS ONLY, WALL BRACKET WILL NOT BE ACCEPTABLE. INSTALL TAILPIECE, TRAP, TRAP-ARM AND SUPPLIES PARALLEL AS TIGHT AS POSSIBLE TO WALL FOR WHEELCHAIR USE. INSULATE AS PER SPEC. PROVIDE WITH SLOAN MODEL SF-2450 ELECTRONIC SENSOR ACTIVATED HAND WASHING FAUCET WITH BATTERY POWERED INFRARED SENSOR WITH ADJUSTABLE RANGE, 4" CENTERSET, SINGLE TEMPERED WATER SUPPLY CONNECTION AND 2.2 GPM VANDAL RESISTANT AERATOR, AND ADA COMPLIANT.
SINK	SK-A	SINK (ADA COMPLIANT, UNDERMOUNT, SINGLE COMPARTMENT, CENTER REAR DRAIN) - FURNISHED BY ALDI VENDOR WITH COUNTERTOP; INSTALLED BY CONTRACTOR. ASSEMBLY AMERICAN STANDARD 6409.170 LEDGE TYPE FAUCET WITH 8" SPOUT, AERATOR & WRISTBLADE HANDLES. 17 GA. C.P. BRASS CONTINUOUS WASTE. ADJ. CHROME PLATED CAST BRASS TRAP. INSULATE AS PER SPEC.
GARBAGE DISPOSAL	GD-A	GARBAGE DISPOSAL - INSINKERATOR #BADGER 900 PLUS, 120V, 60Hz, 9.5A
DISHWASHER	DW-A	DISHWASHER - OWNER FURNISHED G.C. INSTALLED.
DISHWASHER AIR GAP ASSEMBLY	AG-1	5/8 " O.D. INLET x 7/8" O.D. OUTLET DISHWASHER AIR GAP ASSEMBLY WITH STAINLESS STEEL CAP; BRASSCRAFT #BC9441
MOP BASIN	MB-A	MOP BASIN - FIAT MSB-2424, 24"x24"x10", MOLDED STONE INTEGRAL 3" DRAIN AND STAINLESS STEEL STRAINER. AMERICAN STANDARD 8344.112 FAUCET WITH VACUUM BREAKER, COLOR INDEX, INTEGRAL STOPS, CHROME FINISH AND 6' HOSE. DEEP SEAL TRAP.
WATER HAMMER SHOCK ABSORBER	SA-A	WATER HAMMER DEVICE - EQUAL TO PPP INC. SIZED PER LINE SIZE AND FIXTURE UNITS.
ELECTRIC WATER HEATER	EWH-1	ELECTRIC WATER HEATER - RHEEM PROE201RHPOU, 19.9 GALLON CAPACITY, 2.0 KW, 120 VOLTS, 1 PHASE, U.L. LISTED, GLASS LINED TANK, THERMOSTAT, MAGNESIUM ANODE ROD, HIGH TEMPERATURE CUT-OFF, BRASS DRAIN VALVE AND T & P RELIEF VALVE. PIPE RELIEF VALVE DOWN TO MOP BASIN. MAXIMUM 26" HIGH, WITH SIDE CONNECTIONS. UNIT SHALL CONFORM TO ASHRAE 90 OR LATEST VERSION.
EXPANSION TANK		AMTROL THERM-X-TROL ST-5, 2.1 GAL, MAX ACCEP. FACTOR .43.
RE-CIRCULATION PUMP	RP-1	ASTRO 225BSOSOS-TA HOT WATER RE-CIRCULATION SYSTEM
TEMPERATURE MIXING VALVE	MV-A	MIXING VALVE - WATTS MODEL LFMMV, ½", 4.0 PSI PRESSURE DROP AT 2.0 GPM WITH RANGE TEMPERATURE OF 80°F TO 120°F, SET VALVE AT A MAXIMUM 110°F. VALVE TO BE INSTALLED AT EACH LAVATORY AND BREAKROOM SINK AND SHALL MEET ASSE STANDARD 1070. VALVE TO BE ALSO LABELED CSA B125 CERTIFIED. VALVE SHALL BE BRONZE BODY WITH INTEGRAL CHECKS, FILTER WASHERS AND AN ADJUSTMENT CAP WITH LOCKING FEATURE. THE VALVE SHALL BE APPROVED FOR 0.5 GPM WATERFLOW IN ACCORDANCE WITH THE LATEST ASSE-1017.
DRINKING FOUNTAINS	DF-A	DRINKING FOUNTAIN - ELKAY MODEL EDFP210C, SS DRINKING FOUNTAIN, WALL MOUNT WITH SAFETY BUBBLER, FRONT PUSH BAR CONTROL, LK464 DRAIN AND TRAP ASSEMBLY. MOUNT ON ELKAY MODEL MPW200 IN-WALL SUPPORT MOUNTING PLATE WITH MODEL ML-100 IN-WALL CARRIER LEGS.
	DF-B	DRINKING FOUNTAIN - ELKAY MODEL EDFP214C, SS DRINKING FOUNTAIN, WALL MOUNT WITH SAFETY BUBBLER, FRONT PUSH BAR CONTROL, LK464 DRAIN AND TRAP ASSEMBLY, BARRIER-FREE ACCESS, ADA COMPLIANT. MOUNT ON ELKAY MODEL MPW200 IN-WALL SUPPORT MOUNTING PLATE WITH MODEL ML-100 IN-WALL CARRIER LEGS.
	FOR DF-A & B	DRINKING FOUNTAIN MOUNTING EQUIPMENT - PROVIDE ELKAY MODEL MPW200 IN-WALL MOUNTING (CARRIER) PLATE FOR BI-LEVEL MOUNTING. PROVIDE ELKAY MODEL ML100 IN-WALL (CARRIER) PLATE MOUNTING LEGS, SECURE TO FLOOR.
ANTI-FREEZE WALL HYDRANT	WH-1	ANTI-FREEZE WALL HYDRANT - WOODFORD B65 WITH VACUUM BREAKER. FREEZELESS, AUTOMATIC DRAINING, FLUSH MOUNT WITH WALL BOX AND LOCKING COVER. FURNISH WITH (2) EXTRA KEYS.
ROOF HYDRANT	RH-1	WOODFORD SRH-MS - HOSE CONNECTION BACKFLOW PREVENTER. MODEL 50H WITH ¾" HOSE CONNECTION. ASSE 1052 LISTED. FIELD TESTABLE DUAL CHECK HOLDS AGAINST 125 PSI BACKFLOW PRESSURE. ¾" NPT FEMALE INLET CONNECTION. 1½" U.S. MADE GALVANIZED PIPE. MAXIMUM WORKING PRESSURE: 100 PSI. MAXIMUM TEMPERATURE 120°F.
FLOOR DRAIN	FD-1	FLOOR DRAIN - WADE W-1100-A, CAST IRON BODY WITH DEEP SEAL TRAP, TRAP GUARD, FLASHING COLLAR AND 6" NICKEL BRONZE ADJUSTABLE TOP. INSTALL DRAINS OUT OF LIFT TRUCK TRAFFIC WAY.
FLOOR DRAIN	FD-2	FLOOR DRAIN - WADE W-1100TS, CAST IRON BODY WITH DEEP SEAL TRAP, TRAP GUARD, FLASHING COLLAR AND 6" HEAVY DUTY CAST IRON ADJUSTABLE TOP AND GRATE. INSTALL DRAINS OUT OF LIFT TRUCK TRAFFIC WAY.
HUB DRAIN	HD-1	HUB DRAIN - OPEN-ENDED CAST IRON HUB DRAIN PIPE, FULL PIPE SIZE, WITH DEEP SEAL TRAP. PROVIDE WITH TRAP GUARD INSERT. INSTALL DRAINS OUT OF LIFT TRUCK TRAFFIC WAY.
HUB DRAIN CAP (FOR FUTURE DRAINS)	HD-C	CLEANOUT - ZURN CO-2401-VP GENERAL PURPOSE CLEANOUT WITH THREADED ADJUSTABLE HOUSING, TAPERED NICKEL BRONZE COVER. MINIMUM SIZE SHALL BE 3" AND HAVE A 4" MAXIMUM. ADJUST LOCATION TO BE READILY ACCESSIBLE AND OUTSIDE OF THE PATHWAY TO DOORS.
ROOF DRAIN	RD-1	ROOF DRAIN - WADE 3000 SERIES, CAST IRON BODY POLYPROPYLENE LOCKABLE DOME WITH INTEGRAL CLAMP AND GRAVEL GUARD, OUTLET SIZE AS NOTED ON P101 WITH TY SEAL AND UNDER-DECK CLAMP.
ROOF DRAIN	RD-2	ROOF DRAIN - WADE 3000-SO SERIES, CAST IRON ROOF WITH WIDE FLANGE BODY, FLASHING RING, CAST IRON MUSHROOM DOME, OUTLET SIZE AS NOTED ON P101 WITH TY SEAL SIDE OUTLET.
FLOOR CLEANOUT CONCRETE FLOORS	DPCO	FLOOR CLEANOUT - WADE 6000-X CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, TAPERED BRASS PLUG AND ROUND SCORIATED CAST IRON HEAVY DUTY TOP MINIMUM SIZE SHALL BE LINE SIZE UP TO 4" MAXIMUM. ADJUST LOCATION TO BE READILY ACCESSIBLE AND OUTSIDE OF THE PATHWAY TO DOORS. ANSI LOAD CLASS: SPECIAL DUTY (OVER 10,000 LBS).
WALL CLEANOUT	WPCO	WADE 8560 W/ 8304-VP ROUND STAINLESS STEEL ACCESS COVER
FLAPPER VALVE (On RPZ Discharge)		ZURN MODEL Z1091-BV - CAST IRON BODY, HUB INLET AND OPEN OUTLET
REDUCED PRESSURE BACKFLOW (On EVAC Fill Line)	RPZ-A	WATTS 3/4" LF009-QT-S LEAD FREE REDUCED PRESSURE BACKFLOW PREVENTER. 12 PSI PRESSURE LOSS @ 4 GPM(VAC. PUMP). ASSE 1013 AWWA C511-97 WITH STRAINER
FLOOR SINK	FS-1	EVAC SINK - FIAT MSB-2424, 24"X24"X10", MOLDED STONE INTEGRAL 3" DRAIN AND STAINLESS STEEL STRAINER. G.C. TO PROVIDE ¼" CLEAR ACRYLIC COVER ATTACHED TO FLOOR SINK WITH 1" GALVANIZED HEX HEAD SELF TAPPING SCREWS. PROVIDE CUTOUTS FOR PIPE PENETRATIONS.

4

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
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Revisions:		Date:
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Schaumburg, Illinois 60173
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DRAWN BY: T.T./A.B.

REVIEWED BY: T.T.

Seal

STATE OF MISSOURI
RAMESH MIRCHANDANI
NUMBER PE-2004018131
PROFESSIONAL ENGINEER

10-04-19

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Plumbing Schedules
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No.
1813308
P-501
Drawing No.

PLOTTED: 10/2/2019 4:40 PM

SPRINKLER HEAD SCHEDULE

SYMBOL	DESCRIPTION	ORIFICE SIZE	"K" VALUE	TEMP. ° F.	FINISH	NOTES
A	PENDENT - TYCO TY-FRB (TY3231), OR APPROVED EQUAL	1/2"	5.60	155	WHITE	1,2,3,6
A	UPRIGHT - TYCO TY-FRB (TY3131), OR APPROVED EQUAL	1/2"	5.60	155	CHROME	1,6
B	UPRIGHT - TYCO TY-FRB (TY3131), OR APPROVED EQUAL	1/2"	5.60	200	CHROME	1,6
DP-A	PENDENT DRY HEAD- DS-1 (TY3255), OR EQUAL	1/2"	5.60	155	CHROME	1,4,6

NOTES:
1. STANDARD RESPONSE
2. PROVIDE RECESSED ESCUTCHEON (FINISH: WHITE)
3. PROVIDE 1" STAINLESS STEEL CORRUGATED FLEXIBLE TUBING TO PENDENT SPRINKLER HEAD ABOVE CEILINGS.
4. PROVIDE SPRINKLER HEAD GUARD.
5. COVER PLATE SHALL MATCH SURROUNDING CEILING COLOR.
6. FIRE SHERPESSION SHOP DRAWINGS FOR BE REVIEWED BY ARCHITECT AND ENGINEER PRIOR TO INSTALLATION.

FIRE PROTECTION NOTES:

REFER TO DRAWING FP-201 FOR GENERAL FIRE PROTECTION NOTES AND FIRE PROTECTION PLAN KEYNOTES.

Building Sprinkler Information

OWNER: ALDI, Inc.
10505 S. K7 Highway
Olathe, KS 66061

LOCATION: ALDI, Inc.
NW WARD RD & NW DONOVAN RD
LEE'S SUMMIT, MO 64063

OCCUPANCY: Mercantile

HAZARD CLASSIFICATION: Store - Ordinary Hazard Group 2

Sprinkler System Information

SPRINKLER SYSTEM TYPE: Wet-Pipe

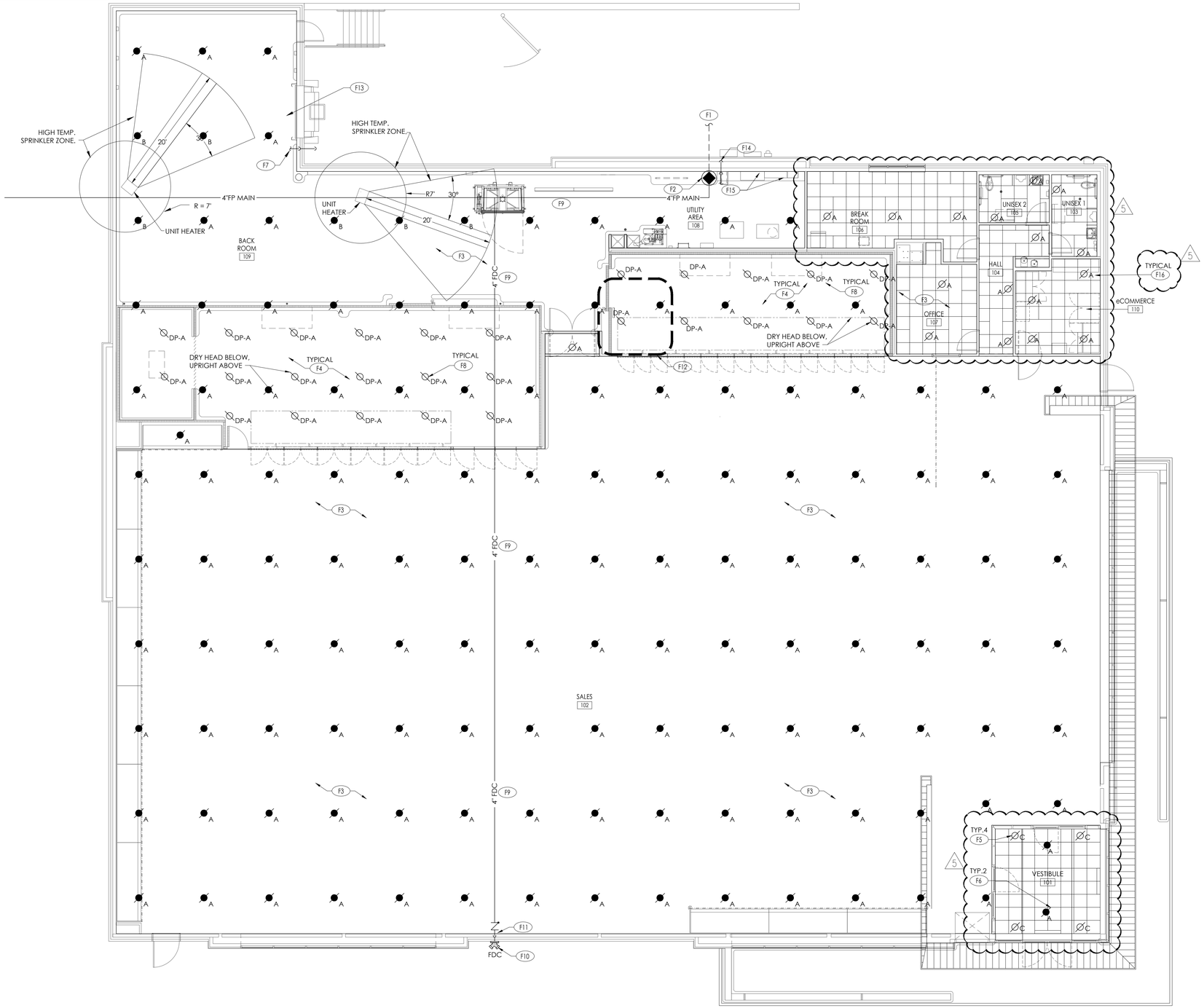
MAX AREA/ SPRINKLER: 130 SQ.FT.

FLOW DENSITY: 0.2 GPM/SQ.FT.

AREA OF COVERAGE: 1,500 SQ.FT.
INSIDE HOSE DEMAND: N/A
OUTSIDE HOSE DEMAND: 250 GPM

Water Supply Information:

FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR OBTAINING CURRENT HYDRANT FLOW TEST DATA FOR HYDRAULIC CALCULATIONS



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Revisions:		Date:
1	ADD 1	07/12/19
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4	ADD 4	10/04/19
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Schaumburg, Illinois 60173
rtmassociates.com | 847.756.4180

DRAWN BY: T.T./A.B.

REVIEWED BY: T.T.

Seal

STATE OF MISSOURI
RAMESH MIRCHANDANI
NUMBER PE-2004016131
PROFESSIONAL ENGINEER

10/23/19

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Fire Protection Floor Plan
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

FP-101
Drawing No.

D1 Fire Protection Floor Plan
SCALE: 1/8" = 1'-0"

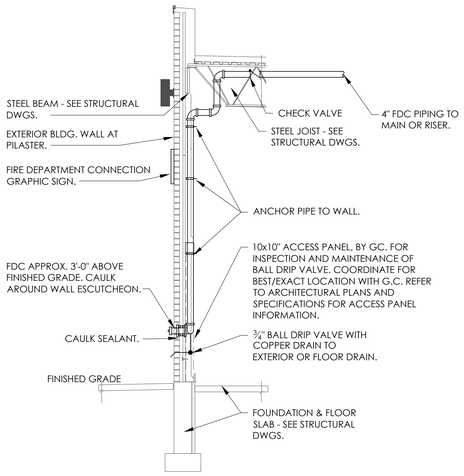
NORTH

PLOTTED: 10/22/2019 3:10 PM

FIRE PROTECTION LEGEND

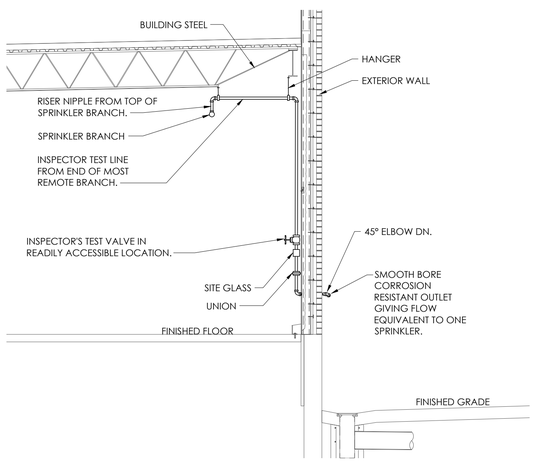
SYMBOL	ABBREV	ITEM
———	FP	FIRE PROTECTION MAIN
A		SPRINKLER HEAD - RECESSED PENDENT
A,B		SPRINKLER HEAD - UPRIGHT
DP-A		SPRINKLER HEAD - DRY PENDENT
		FIRE RISER WITH VALVING

SYMBOL	ABBREV	ITEM
		REDUCER
		CHECK VALVE
FS		FLOW SWITCH
TS		TAMPER SWITCH
		TEE - UP
		TEE - DOWN
		TEE
		ELBOW - UP
		ELBOW DOWN
		ELBOW



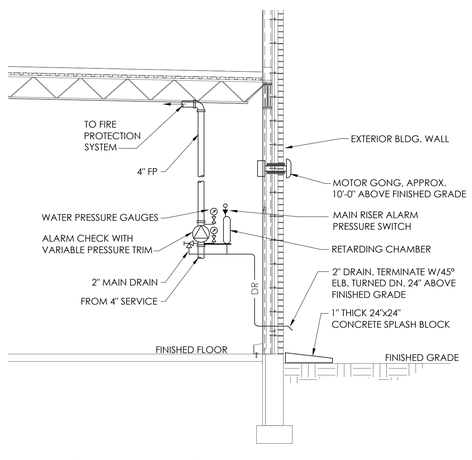
D2 Fire Department Connection Detail

SCALE: N.T.S.



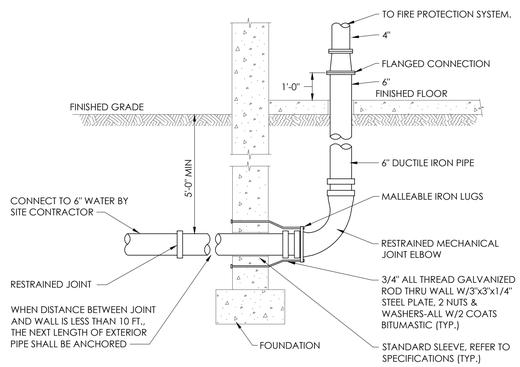
D1 Inspector's Test Connection Detail

SCALE: N.T.S.



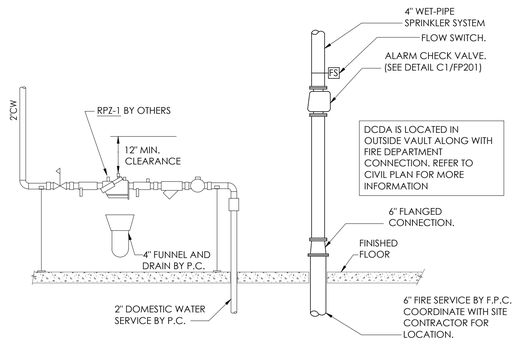
C1 Fire Protection Alarm Check Detail

SCALE: N.T.S.



B1 Fire Service Lead-In Detail

SCALE: N.T.S.



A1 Fire Protection Riser Detail

SCALE: N.T.S.

GENERAL FIRE PROTECTION NOTES:

1. PROVIDE ALL WORK IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES. COORDINATE ALL WORK WITH LOCAL FIRE MARSHAL.
2. SPRINKLER CONTRACTOR SHALL OBTAIN AND PAY FOR ALL STATE AND LOCAL PERMITS REQUIRED FOR HIS WORK, AND SCHEDULE ANY INSPECTIONS REQUIRED BY GOVERNING RULES AND REGULATIONS.
3. PROVIDE FULL SPRINKLER COVERAGE FOR ALL SPACES IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL CODES, NFPA-13 AND OWNER'S INSURANCE CARRIER/UNDERWRITER.
4. COORDINATE FIRE PROTECTION SYSTEM WITH ALL OTHER TRADES, BUILDING CONDITIONS, ETC.
5. ALL PIPING SHALL BE PITCHED BACK TO MAIN WITH SPRINKLER HEADS AS HIGH AS POSSIBLE IN SPACES WITH NO CEILINGS (EXPOSED ROOF STRUCTURE).
6. FIRE PROTECTION CONTRACTOR SHALL PROVIDE DRY PIPE PENDENT HEADS WITH HEAD GUARDS IN THE FREEZER AND COOLERS. FREEZER AND COOLER INSTALLER SHALL BE RESPONSIBLE FOR SEALING THE SPRINKLER HEAD PENETRATION INTO THE INSULATED BOX.
7. POSITION HEADS TO MISS LIGHT FIXTURES IN COOLER AND FREEZER AND TO BE LOCATED NO CLOSER THAN 24" TO REFRIGERATION COILS HUNG FROM CEILING OF COOLER/ FREEZER OR NO CLOSER THAN 48" TO THE BACK WALL OF THE COOLER/FREEZER. (COORDINATE WITH REFRIGERATION CONTRACTOR).
8. FOR ALL AREAS WITH CEILING GRIDS, PROVIDE SPRINKLERS IN THE CENTER OR QUARTER OF CEILING TILES AND SHALL BE WHITE FINISH. REFER TO ARCHITECTURAL PLAN FOR CEILING GRID LAYOUT.
9. **THE SPRINKLER/ FIRE PROTECTION CONTRACTOR SHALL HYDRAULICALLY CALCULATE COMPLETE SPRINKLER SYSTEM.**
10. PROVIDE (2) EXTRA HEADS FOR EACH TYPE OF SPRINKLER HEAD AND TEMPERATURE AND ASSOCIATED WRENCHES FOR EACH HEAD STYLE FOR SPARES. PROVIDE SURFACE MOUNTED SPRINKLER HEAD/WRENCH CABINET FOR SPARE HEADS AND WRENCHES. MOUNT HEAD CABINET WITHIN UTILITY ROOM, ADJACENT TO FIRE RISER. CABINET SHALL BE EASILY ACCESSIBLE.
11. FIRE PROTECTION CONTRACTOR SHALL TEST AND FLUSH PIPING.
12. NOTE THAT SPRINKLER HEADS SHOWN ARE FOR REFERENCE ONLY AND THE FIRE PROTECTION CONTRACTOR SHALL DESIGN THE ENTIRE FIRE PROTECTION SYSTEM PER NFPA-13, INCLUDING ALL HEAD LOCATIONS, BRANCH PIPING, MAIN RUNS AND ASSOCIATED PIPE SIZES. HEAD LOCATIONS BY FIRE PROTECTION CONTRACTOR'S DESIGN MAY BE DIFFERENT THAN SHOWN HEREIN.
13. ALL WATER PIPING SHALL BE ROUTED AROUND ELECTRICAL AREAS WHERE POSSIBLE. IF ANY PIPING IS OVER THE AREA, DRIP PAN SHALL BE INSTALLED UNDER THE ENTIRE LENGTH OF EACH PIPE OVER THE SENSITIVE AREA OVER THE ROOM, CHANNELING WATER AWAY SO AS TO PREVENT ANY LEAKS IN THE AREA. AT THE LOWER SEGMENT OF DRIP PAN, ROUTE DRAIN TO NEAREST APPROVED RECEPTACLE WITH AN APPROVED AIR GAP PER CODE. CONTRACTOR SHALL REVIEW ALL DRAWING PRIOR TO CONSTRUCTION, AND REPORT IF THIS CONDITION EXIST.
14. COORDINATE ANY NECESSARY SEISMIC BRACING OF SPRINKLER SYSTEM WITH SEISMIC DESIGN CATEGORY AND PROVIDE ALL APPLICABLE REQUIREMENTS IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES, NFPA-13 AND OWNER'S INSURANCE CARRIER/UNDERWRITER.

FIRE PROTECTION PLAN KEYNOTES:

- F1 PROVIDE 6" UNDERGROUND FIRE PROTECTION WATER SERVICE. CONNECT TO SITE PIPING. REFER TO SITE UTILITY PLANS AND COORDINATE WITH SITE CONTRACTOR.
- F2 PROVIDE FIRE PROTECTION RISER AT 6" FP WATER SERVICE ENTRANCE. REFER TO DETAILS A1/FP-201 & C1/FP-201.
- F3 PROVIDE SPRINKLER SUPPLY PIPING AS REQUIRED TO SERVE ENTIRE BUILDING. PROVIDE 100% SPRINKLER COVERAGE THROUGHOUT BUILDING. HYDRAULICALLY SIZE ALL PIPING.
- F4 PROVIDE DRY-PIPE HEADS (FOR WET-PIPE SYSTEMS) WITH HEAD GUARDS AND LOCATE WITHIN COOLER AND FREEZER UNITS PER NFPA-13. PROVIDE UPRIGHT WET-PIPE HEADS ABOVE UNITS.
- F5 PROVIDE (4) CONCEALED PENDANT HEADS WITHIN CEILING AS SHOWN. (5)
- F6 PROVIDE (2) UPRIGHT HEADS ABOVE CEILING AT DECK AS SHOWN.
- F7 PROVIDE INSPECTOR'S TEST. TERMINATE THRU WALL WITH 45° ELBOW TURNED DN. REFER TO DETAIL D1/FP-201.
- F8 PRIOR TO SPRINKLER ROUGH-IN, COORDINATE LOCATION OF DRY PIPE HEADS WITH REFRIGERATION CONTRACTOR. ANY DRY PIPE HEAD THAT FALLS WITHIN 48" OF EVAPORATOR SHALL BE A HIGH TEMPERATURE HEAD.
- F9 ROUTE MAIN WITHIN BACK ROOM TIGHT TO BOTTOM OF STEEL. ROUTE ALL BRANCH LINES NO LOWER THAN THE TOP OF THE BOTTOM CORD OF JOISTS. ANY LINE, BRANCH OR MAIN; RUN ON THE SALES FLOOR SHALL BE NO LOWER THAN THE TOP OF THE BOTTOM CHORD OR JOIST. COORDINATE WITH HVAC AND ELECTRICAL CONTRACTOR TO MINIMIZE DEVIATIONS FROM THESE MINIMUMS.
- F10 PROVIDE 4" FDC. REFER TO DETAIL D2/FP-201.
- F11 ACCESS PANEL, BY G.C., FOR BALL DRIP INSPECTION AND MAINTENANCE TO BE COORDINATED WITH G.C. FOR EXACT LOCATION. REFER TO DETAIL D2/FP-201
- F12 COORDINATE LOCATION OF SPRINKLER HEADS WITH RTU DUCT DROPS AND ASSOCIATED DUCT WORK AS REQUIRED TO MAINTAIN CODE REQUIRED FIRE PROTECTION COVERAGE.
- F13 IF UPRIGHT HEAD(S) ARE OBSTRUCTED BY OVERHEAD DOOR WHEN DOOR IS OPEN, PROVIDE ADDITIONAL HEAD(S) BELOW DOOR TO PROVIDE PROPER COVERAGE. LOCATION MUST BE IN ACCORDANCE WITH LOCAL OR GOVERNING CODE.
- F14 PROVIDE 2" DRAIN OFF MAIN. REFER TO C1/FP-201 FOR DETAIL.
- F15 DO NOT ROUTE ANY FIRE PROTECTION PIPING OVER ELECTRICAL GEAR. COORDINATE NEARBY WORK WITH G.C.
- F16 PROVIDE PENDENT HEAD(S) IN CEILING AND/OR SOFFIT. (5)

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Revisions:		Date:
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3	ADD 3	08/19/19
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REVIEWED BY: T.T.

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10/23/19

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JACKSON COUNTY
Project Name & Location:

Fire Protection Legend and Details
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

FP-201
Drawing No.

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ROOFTOP UNIT SCHEDULE

ID	LOCATION	SERVES	SUPPLY FAN CFM	MOTOR DRIVE	MIN. OUTDOOR AIR CFM	ESP IN WG	MOTOR HP	VOLTS/PH	HEATING MEDIUM	HEATING INPUT CAPACITY MBH	HEATING OUTPUT CAPACITY MBH	COOLING MEDIUM	GROSS COOL CAPACITY MBH	SENS. COOL CAPACITY MBH	FILTER SIZE/NUMBER	FILTER EFFICIENCY	MANUFACTURER	REMARKS
RTU-1	ROOF	SALES FLOOR	8,095	DIRECT	2,300	1.5	10	208/3	GAS	540.0	432.0	R-410A	287.1	160.1	16X20X2 - 9	MERV 8	CES-MPU-025-RE-0001	(1)(2)(3)(4)(5)(6)
RTU-2	ROOF	OFFICE AREA	600	DIRECT	160	0.5	1/4	208/1	GAS	65.0	52.0	R-410A	24.4	23.6	16X20X2 - 4	30%	LENNOX KGB024S4D	(7)(8)(9)

(1) PROVIDE 14" HIGH INSULATED ROOF CURB & BURGLAR BARS ON SUPPLY AND RETURN OPENINGS. RTU-1 ROOF CURB IS BY AES INDUSTRIES CONTACT GEORGE LASHER T(800)786-0402 X 216. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR PURCHASING THE ROOF CURB DIRECTLY FROM AES INDUSTRIES.
(2) PROVIDE WITH THROUGH THE BASE SINGLE POINT ELECTRICAL CONNECTION, DISCONNECT, VFD 2-SPEED OPERATION, OA HOOD, PROOF AIRFLOW SWITCH, CLOGGED FILTER SWITCH, STAINLESS STEEL DRAIN PAN, 120V CONVENIENCE OUTLET, HEAT RECLAIM COIL, & DEHUMIDIFICATION CONTROL.
(3) UNIT SUPPLIED BY OWNER, RECEIVED, RIGGED AND INSTALLED BY MECHANICAL CONTRACTOR.
(4) ROOFTOP UNIT CONTROLLER IS FACTORY INSTALLED IN THE CES MULTI-PATH MPU. SPACE TEMPERATURE, SUPPLY AIR TEMPERATURE & SPACE HUMIDITY SENSORS ARE SUPPLIED BY CD CONTROLS AND SHIPPED TO REFRIGERATION CONTRACTOR FOR FIELD INSTALLATION.
(5) CES MULTI-PATH MPU IS MANUFACTURED BY AAON INC. (PRODUCTION 10 - 12 WEEKS) TO COORDINATE MPU SHIPPING OR FOR TECHNICAL SUPPORT CONTACT CES INC T(866)706-2647 x222, ALDIORDERS@CESINC.CA
(6) MECHANICAL CONTRACTOR TO REVIEW AND CONFIRM RTU SETPOINTS/STORE HOURS WITH ALDI DIRECTOR OF REAL ESTATE AND SIEMENS ENERGY MANAGEMENT USER GUIDE.
(7) PROVIDE WITH GLOBAL ECONOMIZER SECTION AND BAROMETRIC RELIEF DAMPERS.
(8) ALDI HAS A NATIONAL ACCOUNT WITH LENNOX INDUSTRIES. ALL LENNOX HVAC EQUIPMENT SHOULD BE QUOTED AND ORDERED THROUGH LENNOX NATIONAL ACCOUNTS. PLEASE CALL 800-367-6285 AND HIT "2" FOR SALES AND ASK FOR THE ALDI'S NATIONAL ACCOUNT SALES ADMINISTRATOR WHO WILL ASSIST YOU WITH QUOTES, AVAILABILITY AND ORDERS.
(9) PROVIDE 14" HIGH INSULATED ROOF CURB & BURGLAR BARS ON SUPPLY AND RETURN OPENINGS. FIELD VERIFY LOCATION.

DUCTLESS SPLIT FAN COIL UNIT SCHEDULE

ID	LOCATION	SERVES	SUPPLY FAN: SUPPLY FAN CFM	SUPPLY FAN: MIN. OUTDOOR AIR CFM	SUPPLY FAN: ESP IN WG	SUPPLY FAN: FAN RPM	SUPPLY FAN: MOTOR MCA	SUPPLY FAN: MOTOR VOLTS/PH	COOLING COIL: TOTAL CAPACITY BTUH	COOLING COIL: SENS. CAPACITY BTUH	COOLING COIL: MEDIUM	HEATING COIL: CAPACITY BTUH	FILTER SIZE	FILTER EFFICIENCY	MANUFACTURER	REMARKS
FCU-1	OFFICE	OFFICE	300	30	-	-	-	208/1	9,000	-	R-410A	10,400	—	MERV 8	LG - LCN098HV4	(1)(2)(3)(4)(5)
FCU-2	ECOMMERCE	ECOMMERCE	335	30		-	-	208/1	12,000	-	R-410A	13,800	—	MERV 8	LG - LCN128HV4	(1)(2)(3)(4)(5)

(1) DUCTLESS SPLIT FAN COIL UNIT SHALL BE ORDERED, RECEIVED AND INSTALLED BY THE CONTRACTOR. THE EQUIPMENT COST SHALL BE BILLED DIRECTLY TO ALDI. FOR ORDERING INFO CONTACT MIKE THORNE AT MTHORNE@MEIERSUPPLY.COM OR BY PHONE 607-797-7700.
(2) PROVIDE WITH DRY CONTACT PDRYCB300 (INSTALLED BY REFRIGERATION CONTRACTOR) FOR INTEGRATION WITH SIEMENS BMS. CONTROLLED BY WALL MOUNTED TEMPERATURE SENSOR PROVIDED SIEMENS AND INSTALLED BY THE REFRIGERATION CONTRACTOR. REFER TO DRAWING EMS-1 FOR DETAILS.
(3) COORDINATE REFRIGERANT LINE SIZING PER MANUFACTURERS RECOMMENDATIONS.
(4) PROVIDE WITH MATCHING AIR COOLED HEAT PUMP SCHEDULED.
(5) PROVIDE VENTILATION KIT PTVK430, INLINE BOOSTER FAN (S&P USA TD100), CASSETTE GRILLE & CONDENSATE PUMP. INLINE BOOSTER FAN TO BE INSTALLED BY THE MECHANICAL CONTRACTOR; POWER WIRING BY THE ELECTRICIAN, CONTROL RELAY AND WIRING BY REFRIGERATION CONTRACTOR. INLINE BOOSTER FAN SHALL RUN WHEN THE FAN COIL UNIT OPERATES.

AIR COOLED HEAT PUMP SCHEDULE

ID	LOCATION	SERVES	TOTAL COOLING CAPACITY MBH	OUTDOOR TEMP DB	TOTAL HEATING CAPACITY MBH	REFRIGERANT	COMPRESSORS NUMBER	COMPRESSORS SEER	REFRIGERANT CIRCUITS	CONDENSER FAN NUMBER	VOLTS/PH	MCA	MOCP	MANUFACTURER	REMARKS
HP-1	UTILITY AREA	FCU-1&2	19.2	95	26.4	R-410A	1	20.2	3	1	208/1	14.3	20.0	LG - LMU24CHV	(1)(2)

(1) DUCTLESS SPLIT FAN COIL UNIT SHALL BE ORDERED, RECEIVED AND INSTALLED BY THE CONTRACTOR. THE EQUIPMENT COST SHALL BE BILLED DIRECTLY TO ALDI. FOR ORDERING INFO CONTACT MIKE THORNE AT MTHORNE@MEIERSUPPLY.COM OR BY PHONE 607-797-7700.
(2) PROVIDE WITH MATCHING DUCTLESS SPLIT FAN COIL.

VENTILATION RATE SCHEDULE

INTERNATIONAL MECHANICAL CODE 2015
TABLE 403.3 - SUPERMARKETS

ROOM NAME	OCCUPANCY CLASSIFICATION	GROSS AREA (SQ FT)	NET OCCUPIABLE AREA (SQ FT)	TOTAL OCCUPANTS	CFM PER PERSON	CFM PER SQ. FT.	VENTILATION EFFECTIVENESS	REQ'D OA CFM	REQ'D EA CFM
SALES FLOOR/VEST.	SUPERMARKET	12,514	12,164	97	7.5	0.06	0.8	1,820	-
OFFICE	OFFICE SPACES	190	190	1	5	0.06	0.8	20	-
BREAK RM.	CONFERENCE RM.	305	305	6	5	0.06	0.8	60	-
ECOMMERCE	OFFICE SPACES	175	175	2	5	0.06	0.8	25	-
UNISEX 2	TOILET RM. - PUBLIC	84	84	-	-	50 (1)	-	-	100
UNISEX 1	TOILET RM. - PUBLIC	76	76	-	-	50 (1)	-	-	100
HALL	CORRIDOR	137	137	-	-	0.06	-	10	-
BACK ROOM	WAREHOUSE	5,715	5,715	-	-	0.06	-	343	-
							TOTAL OA REQUIRED	2,278	
							TOTAL OA PROVIDED	2,520	

(1) RATE PER WATER CLOSET/URINAL WITH EXHAUST OPERATING CONTINUOUSLY DURING OCCUPIED HOURS.

EXHAUST & DESTRATIFICATION FAN SCHEDULE

ID	SERVES	LOCATION	TYPE	DRIVE	CFM	EXT. SP IN. WG.	FAN RPM	HP	VOLTAGE	MANUFACTURER	REMARKS
EF-1	BREAK ROOM	ROOF	CENT.	DIRECT	180	0.25	1,319	1/30	120/1	GREENHECK G-070-D	(1)(2)(3)
EF-2	BACKROOM	ROOF	CENT.	DIRECT	1,200	0.4	1,633	1/4	120/1	GREENHECK G-103-A	(2)(3)(4)
EF-3	TOILET	ROOF	CENT.	DIRECT	300	0.4	1,519	1/20	120/1	GREENHECK G-080-D	(2)(3)(4)
DF-1	SALES FLOOR	ROOF JOIST	CENT.	DIRECT	1,061	-	1,550	31 W	120/1	AIR-ROW F-18	(5)(6)(7)
DF-2	SALES FLOOR	ROOF JOIST	CENT.	DIRECT	1,061	-	1,550	31 W	120/1	AIR-ROW F-18	(5)(6)(7)
DF-3	SALES FLOOR	ROOF JOIST	CENT.	DIRECT	1,061	-	1,550	31 W	120/1	AIR-ROW F-18	(5)(6)(7)

(1) CONTROLLED FROM WALL SWITCH PROVIDED AND WIRED BY DIVISION 26.
(2) PROVIDE SPEED CONTROLLER MOUNTED ON EXHAUST DUCT ABOVE CEILING.
(3) PROVIDE WITH 14" HIGH INSULATED ROOF CURB, DAMPER TRAY AND BACKDRAFT DAMPER.
(4) CONTROLLED BY SIEMENS ENERGY MANAGEMENT SYSTEM.
(5) FAN PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR. CONTACT RAY MIERENS @ FRESHERSOURCE ENERGY SOLUTIONS (416 544-8008. SUPPORT FAN FROM BUILDING STRUCTURE WITH BEAM CLAMPS AND AIRCRAFT CABLE. INSTALL AT 1'-0" BELOW ROOF DECK AND PER MANUFACTURER'S RECOMMENDATIONS.
(6) FAN SHALL RUN CONTINUOUSLY. WIRING PROVIDED BY DIVISION 26. FACTORY SHALL PRESET FAN SPEED TO MAXIMUM.
(7) FAN TO BE FACTORY PAINTED TO MATCH BUILDING STRUCTURE. NO MANUFACTURER SUBSTITUTIONS.

GAS FIRED UNIT HEATER SCHEDULE

ID	LOCATION	TYPE	INPUT CAP. MBH	OUTPUT CAP. MBH	CFM	HP	VOLTAGE	MANUFACTURER	REMARKS
UH-1	BACKROOM	POWER VENT	75.0	60.0	950	1/8	120/1	LENNOX LF24-75A	(1)
UH-2	BACKROOM	POWER VENT	75.0	60.0	950	1/8	120/1	LENNOX LF24-75A	(1)

(1) CONTROLLED BY THE SIEMENS ENERGY MANAGEMENT SYSTEM. THE TEMPERATURE SETPOINT SHALL BE 60°F.

DIFFUSER/REGISTER/GRILLE SCHEDULE

ID	SERVES	TYPE	FACE SIZE	NECK SIZE	CONST. MATERIAL	CEILING MOUNTING	MAX NC	MANUFACTURER	REMARKS
D-1	SUPPLY	DIFFUSER	24X24	SEE PLANS	STEEL	T-BAR	20	PRICE SCDA	(1)
D-2	SUPPLY	JET-SLOT	48X4	8"Ø	STEEL	T-BAR	20	PRICE JS210	(2)(4)
R-1	RETURN	PERF.	24X24	12X12	STEEL	T-BAR	20	PRICE PDDR	(1)
R-2	SUPPLY	REGISTER	12X6	12X6	ALUMINUM	DUCT	20	PRICE SDGE	(2)(3)
R-3	RETURN	GRILLE	48X24	48X24	STEEL	GWB	20	PRICE 510Z	(2)
R-4	TRANSFER	GRILLE	48X12	48X12	STEEL	GWB	20	PRICE 530	(2)
E-1	EXHAUST	PERF.	12X12	10X10	STEEL	T-BAR	20	PRICE PDDR	(1)

(1) COORDINATE CEILING TYPE WITH ARCHITECTURAL CEILING PLAN.
(2) PROVIDE PRIMED FINISH. AIR DEVICE TO BE PAINTED IN THE FIELD.
(3) PROVIDE WITH BLADES PARALLEL TO THE SHORT DIMENSION, AIR SCOOP AND CABLE OPERATOR.
(4) PROVIDE WITH ONE (1) 1" SLOT, 24" TALL INTERNALLY INSULATED PLENUM, VOLUME DAMPER & CABLE OPERATOR.

SYMBOLS & ABBREVIATIONS

DUCT UP
DUCT DOWN
DIGITAL ZONE SENSOR
HUMIDISTAT
FLAT PLATE TEMPERATURE SENSOR
SMOKE DUCT DETECTOR
DISCHARGE AIR TEMPERATURE SENSOR
SINGLE BLADE VOLUME DAMPER
OPPOSED BLADE VOLUME DAMPER
DUCTWORK WITH 1" INTERNAL LINING

12X12 SHEETMETAL ACCESS DOOR
FIRE DAMPER WITH ACCESS DOOR
ROUND CONCENTRIC TAKEOFF
12Ø BELL MOUTH TAKEOFF

BOD	BOTTOM OF DUCT
EF	EXHAUST FAN
RTU	ROOFTOP UNIT
UH	UNIT HEATER
FCU	FAN COIL UNIT
HP	AIR COOLED HEAT PUMP

DUCT SMOKE DETECTOR SYSTEM SPECIFICATION

DUCT SMOKE DETECTOR SHALL BE SYSTEM SENSOR MODEL D4120 SERIES 4 WIRE, 120 V PHOTOELECTRIC. HOUSING SHALL BE UL LISTED PER UL268A. PROVIDE REMOTE TEST STATION WITH KEY, RTS151KEY AND REMOTE ANNUCIATOR. MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL THE DUCT MOUNTED SMOKE DETECTOR.

GENERAL HVAC NOTES:

1. COORDINATE DIFFUSER LOCATIONS WITH REFLECTED CEILING PLAN INCLUDING LIGHTS AND SPRINKLER HEAD LAYOUTS.
2. PROVIDE DUCT MOUNTED SMOKE DETECTORS IN SUPPLY AND RETURN AIR DUCTS AS INDICATED ON THE FLOOR PLAN. DUCT DETECTORS SHALL BE PROVIDED AND INSTALLED IN THE DUCTWORK BY THE MECHANICAL CONTRACTOR AND WIRED BY THE ELECTRICAL CONTRACTOR. DETECTORS SHALL BE COMPATIBLE WITH THE BUILDING FIRE ALARM SYSTEM AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
3. COORDINATE DUCTWORK MOUNTING HEIGHT AND LOCATION WITH STRUCTURAL STEEL AND LIGHTS. MOUNT DUCTWORK AS HIGH AS POSSIBLE.
4. TEMPERATURE AND HUMIDITY SENSORS ARE SHOWN FOR REFERENCE ONLY. AN ENERGY MANAGEMENT SYSTEM IS BEING PROVIDED, BY SIEMENS, UNDER A SEPARATE CONTRACT BY THE OWNER. THE EMS SHALL BE INSTALLED BY THE REFRIGERATION CONTRACTOR AND THE MECHANICAL CONTRACTOR SHALL COORDINATE WORK WITH THE ALDI PROJECT MANAGER, SIEMENS PROJECT MANAGER (PH: 512-803-3169) AND REFRIGERATION CONTRACTOR. REFERENCE THE SIEMENS EMS DRAWINGS LOCATED ON THE SHARENOLOGY.COM WEBSITE IN THE VENDOR INFORMATION FOLDER.
5. ALL DUCT DIMENSIONS REPRESENT FREE AREA.
6. ALL MITERED ELBOWS & FITTINGS TO BE PROVIDED WITH TURNING VANES.
7. ALL ROUND DUCTWORK SHALL BE SPIRAL ONLY.
8. PROVIDE VOLUME DAMPERS AT ALL RETURN REGISTER TAKEOFFS.
9. MAXIMUM FLEX DUCT LENGTH SHALL BE 4FT. FLEX DUCT ALLOWED ONLY ON CONCEALED DUCTWORK INSTALLED ABOVE A CEILING.
10. FIELD VERIFY ALL NEW EQUIPMENT AND SCOPE OF WORK PRIOR TO BIDDING. NOTIFY OWNER IN WRITING 48 HOURS PRIOR TO BID DATE OF ANY QUESTIONS ON SCOPE OF WORK OR CONTRACT DOCUMENTS.
11. PROVIDE 1 1/2" PVC CONDENSATE DRAIN & P-TRAP FOR ALL ROOFTOP UNITS.
12. PROVIDE ACOUSTICAL INSULATION INSIDE ROOFTOP UNIT CURB FOR SOUND ATTENUATION. (TYPICAL)
13. INSULATE ALL DUCTWORK CONCEALED ABOVE A CEILING AND EXPOSED IN THE BACK ROOM , SEE SPECIFICATION SECTION 230700 - HVAC INSULATION FOR DETAILS.

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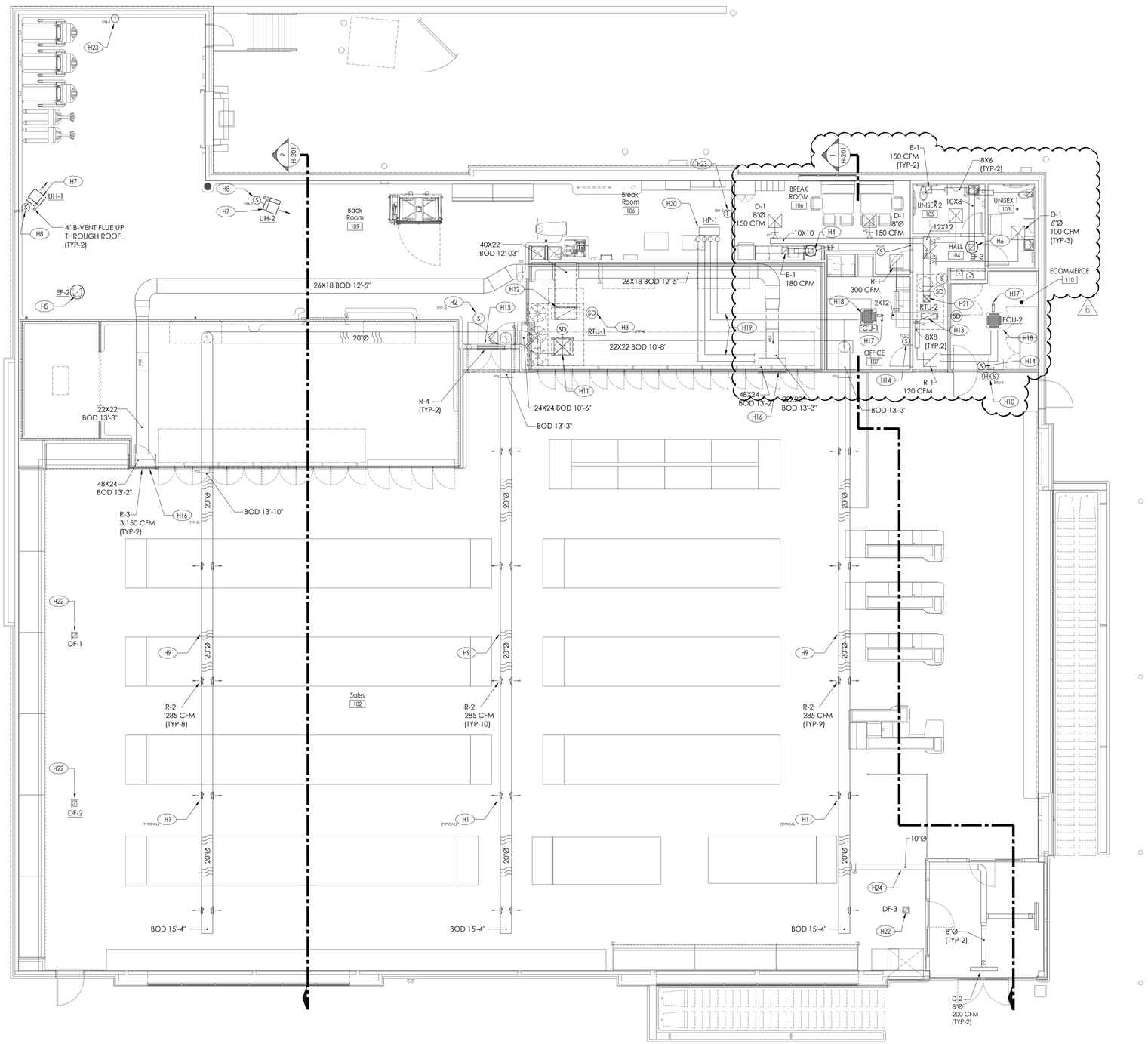
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

HVAC Schedules, Symbols & Notes
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308
Drawing No. H-000



HVAC PLAN KEYNOTES:

- H1 ALUMINUM SPIRAL DUCT MOUNTED SUPPLY GRILLE WITH DAMPER/EXTRACTOR MOUNTED ON DUCT. GRILLE SHALL BE INSTALLED AT 25° ANGLE DOWNWARD FROM THE HORIZONTAL POSITION.
- H2 DISCHARGE AIR TEMPERATURE SENSOR. SENSORS, WIRING AND CONDUIT SHALL BE PROVIDED AND INSTALLED BY OTHERS.
- H3 DUCT MOUNTED SMOKE DETECTOR.
- H4 8X8 EXHAUST UP TO EF-1 LOCATED ON ROOF.
- H5 14X14 EXHAUST UP TO EF-2 LOCATED ON ROOF AND EXTENDED 1'-8" INTO SPACE. PROVIDE 18X18 WELDED DRAIN PAN BELOW DUCT OPENING.
- H6 10X10 EXHAUST UP TO EF-3 LOCATED ON ROOF.
- H7 MOUNT BOTTOM OF UNIT HEATER AT A MINIMUM OF 10'-6" AFF.
- H8 PENDENT MOUNT TEMPERATURE SENSOR/DIGITAL ZONE CONTROLLER AT REAR OF UNIT HEATER AT 10'-6" AFF.
- H9 RUN SUPPLY DUCT BETWEEN ROOF JOISTS AND THROUGH JOIST GIRDER. PROVIDE OFFSETS AS REQUIRED AND MOUNT AT BOTTOM CHORD OF ROOF JOIST. DUCT SHALL BE CENTERED ON THE JOIST BAY AND FOLLOW THE SLOPE OF THE ROOF. SEE HVAC SECTIONS ON DRAWING H-201.
- H10 TEMPERATURE & HUMIDITY SENSORS MOUNTED ON WALL AT 5'-2" AFF TO BOTTOM OF EACH SENSOR. SENSORS, WIRING AND CONDUIT SHALL BE PROVIDED AND INSTALLED BY OTHERS.
- H11 30X30 LINED SUPPLY UP TO RTU-1. TRANSITION TO RTU SUPPLY CONNECTION.
- H12 40X22 LINED RETURN UP TO RTU-1. TRANSITION TO RTU RETURN CONNECTION.
- H13 28X12 LINED RETURN UP TO RTU-2. TRANSITION TO RTU RETURN CONNECTION.
- H14 MOUNT TEMPERATURE SENSOR/DIGITAL ZONE CONTROLLER ON WALL AT 5'-0" AFF.
- H15 48X12 TRANSFER MOUNTED AT 8'-10" AFF.
- H16 48X24 RETURN GRILLE MOUNTED IN WALL. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS.
- H17 4"Ø OUTSIDE AIR DUCT UP THROUGH ROOF. TERMINATE 1'-6" ABOVE ROOF WITH GOOSENECK. PROVIDE BACKDRAFT DAMPER IN RISER. INSTALL INLINE VENTILATION FAN IN RISER. SEE DUCTLESS SPLIT FAN COIL SCHEDULE FOR DETAILS.
- H18 CEILING MOUNTED CASSETTE DUCTLESS SPLIT FAN COIL UNIT. SUSPEND FROM ROOF STRUCTURE WITH THREADED ROD.
- H19 3/8"RS & 1/4"RL INSULATED REFRIGERANT LINE KIT. REFRIGERANT PIPING SHALL BE SIZED PER MANUFACTURER'S RECOMMENDATIONS.
- H20 SUSPEND AIR COOLED HEAT PUMP BETWEEN ROOF JOISTS WITH THREADED ROD AND UNISTRUT.
- H21 12X12 LINED SUPPLY UP TO RTU-2. TRANSITION TO RTU SUPPLY CONNECTION.
- H22 DESTRAT FANS MUST BE MOUNTED AT LEAST 4' AWAY FROM THE FRONT OF THE MDU'S. IF THE FAN FALLS DIRECTLY ABOVE A LIGHT FIXTURE, MOUNT THE FAN ON THE OPPOSITE SIDE OF THE LIGHT FIXTURE RELATIVE TO THE MDU. DESTRAT FANS CANNOT BE MOUNTED DIRECTLY ABOVE ANY LIGHTING FIXTURES. THE OPTIMAL POSITION IS CENTERED ABOVE THE AISLE. DESTRAT FANS SHOULD NEVER BE PLACED IN A LOCATION THAT WILL BLOW AIR ON PRODUCE PRODUCTS. THEY SHOULD BE PLACED WITH THE TOP OF THE FAN 12'-24" FROM THE ROOF DECK. THE BOTTOM OF THE FAN SHOULD NOT HANG BELOW THE BOTTOM OF THE BEAMS. MAKE/MODEL: AIR-ROW F-18.
- H23 FLAT PLATE TEMPERATURE SENSOR MOUNTED ON WALL/COLUMN AT 5'-0" AFF.
- H24 RUN SUPPLY DUCT SERVING VESTIBULE THROUGH THE ROOF JOIST. DUCTWORK SHALL NOT BE INSTALLED BELOW ROOF STEEL.

1 HVAC Construction Plan
SCALE: 1/8" = 1'-0"

NORTH

PLOTTED: 11/21/2019 2:58 PM

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
E		

Revisions:		Date:
1	ADD 1	7/12/19
2		
3		
4	ADD 4	10/04/19
5	ADD 5	10/23/19
6	CCD 1	11/25/19
7		
8		
9		

DO NOT SCALE PLANS

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DRAWN BY: T.T./A.B.

REVIEWED BY: T.T.

Seal

STATE OF MISSOURI
RAMESH MIRCHANDANI
NUMBER PE-2004018131
PROFESSIONAL ENGINEER

11/25/19

ALDI Inc.
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Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

HVAC Construction Plan
Drawing Name:

Date: 06/25/19

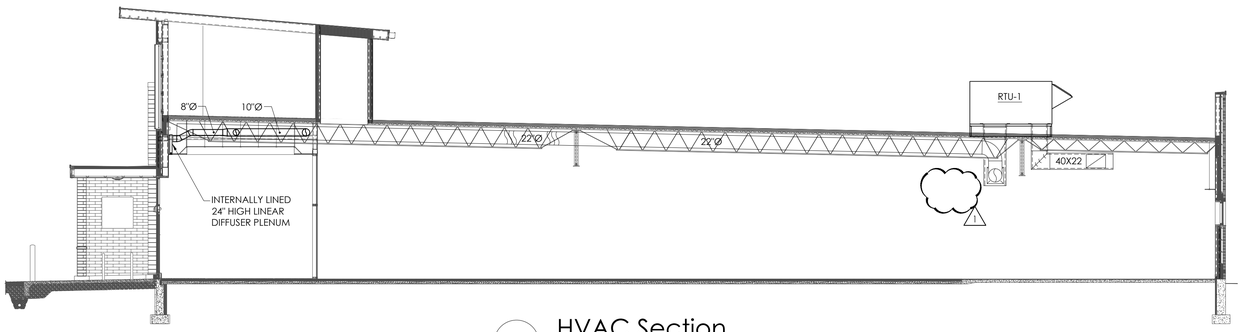
Type: RHRDV7ER

Drawn By:

Scale: As Noted

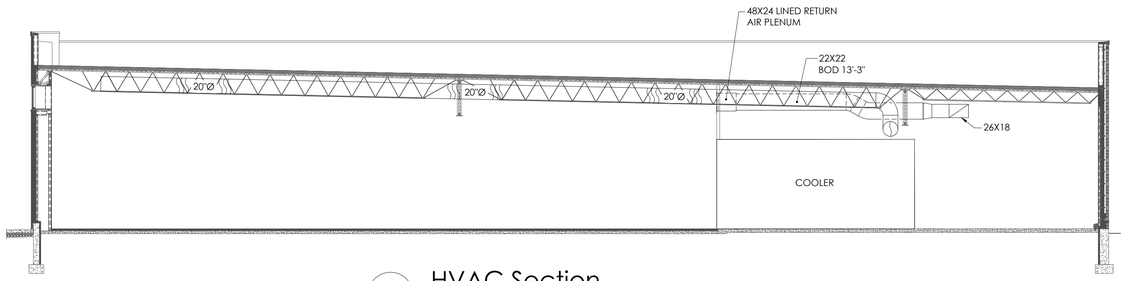
Project No.
1813308

Drawing No.
H-101



1 HVAC Section

SCALE: 1/8"=1'-0"



2 HVAC Section

SCALE: 1/8"=1'-0"

	Issued:	Date:
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B	Permit Set	06/25/19
C	Bid Set	06/25/19
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	Revisions:	Date:
1	ADD 1	7/12/19
2		
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DRAWN BY: T.T./A.B.

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Seal

07-12-19

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ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

HVAC Sections

Drawing Name:

Date: 06/25/19

Type: RHRDV7ER

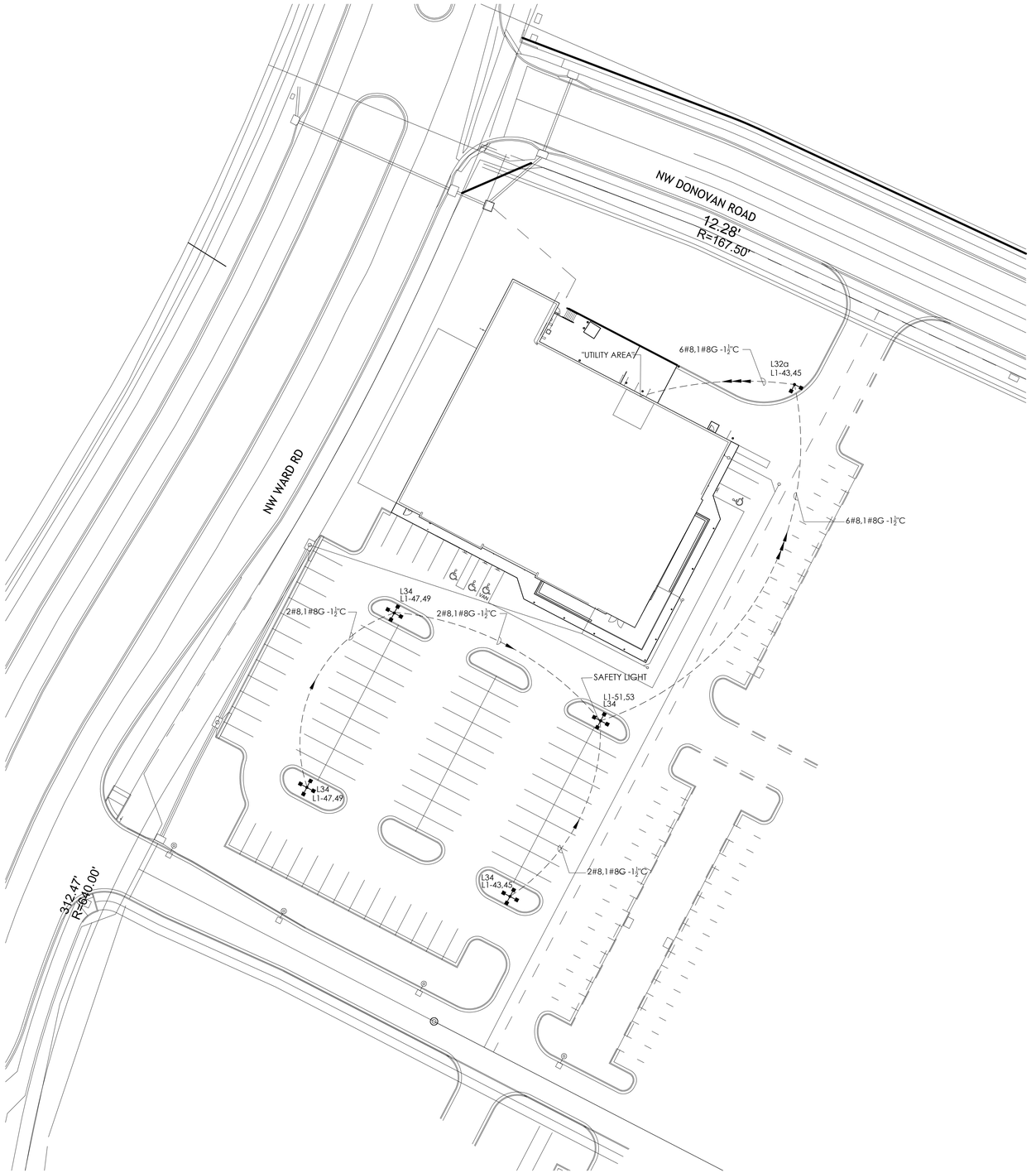
Drawn By:

Scale: As Noted

Project No.
1813308

H-201
Drawing No.

PLOTTED: 7/18/2019 5:37 PM



B1 Site Lighting Electrical Plan
SCALE: 1" = 40'

NORTH

NOTE:
E.C. SHALL BE RESPONSIBLE TO VERIFY FIXTURE AND POLE SPECIFICATIONS WITH APPROVED PHOTOMETRIC/CIVIL DRAWINGS PRIOR TO ORDER BEING PLACED.

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Revisions:		Date:
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DRAWN BY: T.T./A.B.

REVIEWED BY: T.T.

Seal

06-25-19

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ALDI Inc. Store #: 06
LEE'S SUMMIT
NW WARD RD & NW DONOVAN RD
LEE'S SUMMIT, MO 64063
JACKSON COUNTY
Project Name & Location:

Site Lighting Electrical Plan
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No.
1813308
SE-101
Drawing No.

PLOTTED: 6/24/2019 4:47 PM

Luminaire Schedule							
Symbol	Qty	Label	Arrangement	LMF	Lum. Lumens	Lum. Watts	Part Number
	5	L21	SINGLE	1.000	3819	42	XSPW-A-0-3-30K-C-U-CS-P
	9	L22	SINGLE	1.000	4620	43	CPY250-A-DM-F-C-UL-CS
	5	L24	SINGLE	1.000	N.A.	58.9	CL-20364LEDD-SAT-CLR-SB
	1	L32a	2 @ 90°	1.000	11648	86	OSQ-A-NM-4ME-B-57K-UL-CS
	4	L34	4 @ 90°	1.000	11648	86	OSQ-A-NM-4ME-B-57K-UL-CS

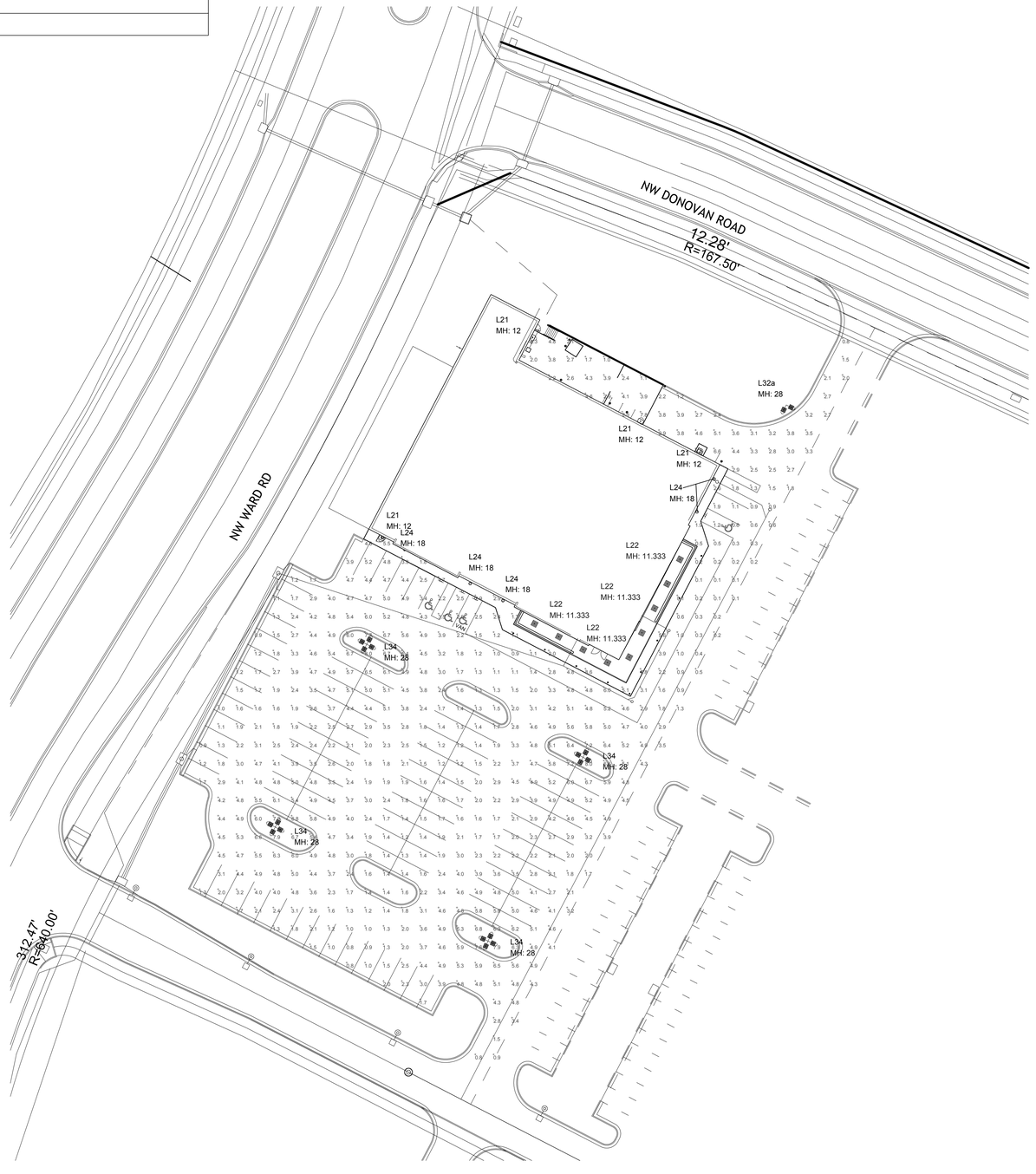
Calculation Summary (Footcandles calculated using initial lumen values @ 25°C)						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts	Fc	3.17	8.6	0.1	31.70	86.00

FIXTURE MOUNTING HEIGHTS AS SHOWN
POLES ON 3' BASE

ADDITIONAL EQUIPMENT REQUIRED:
(1) CL-SSP-4011-25-D3-PS (25' x 4" x 11ga STEEL SQUARE POLE, 2@90°)
(5) CL-SSP-4011-25-D6-PS (25' x 4" x 11ga STEEL SQUARE POLE, 4@90°)
(18) OSQ-DACS (DIRECT ARM MOUNT)

PROPOSED POLES MEET 100MPH SUSTAINED WIND LOADS

*** CUSTOMER TO VERIFY ORDERING INFORMATION AND
CATALOG NUMBER PRIOR TO PLACING ORDER ***



B1 Site Lighting Photometric Plan
SCALE: 1" = 40'

NORTH

NOTE:
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Issued:		Date:
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Revisions:		Date:
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DRAWN BY: T.T./A.B.

REVIEWED BY: T.T.

Seal

STATE OF MISSOURI
RAMESH MIRCHANDANI
NUMBER PE-2004018131
PROFESSIONAL ENGINEER

06-25-19

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ALDI Inc. Store #: 06
LEE'S SUMMIT
NW WARD RD & NW DONOVAN RD
LEE'S SUMMIT, MO 64063
JACKSON COUNTY
Project Name & Location:

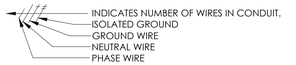
Site Lighting Photometric Plan
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308
SE-102
Drawing No.

PLOTTED: 6/24/2019 4:47 PM

GENERAL ELECTRICAL NOTES:

1. "A1/E-501" INDICATES DETAIL NUMBER/SHEET NUMBER.
2. "(DP/1)" INDICATES MATERIAL LIST ITEM IN HEX SYMBOL.
3. "(X#)" INDICATES KEY NOTE USED TO DESCRIBE ADDITIONAL INFORMATION OF WORK REQUIRED, SPECIFIC TO THE SHEET IT IS SHOWN ON.
4. "NL" INDICATES FIXTURE IS UNSWITCHED FOR NIGHT LIGHT.
5. ALL ELECTRICAL CONDUCTORS SHALL BE COPPER. U.O.N.
6. 

7. ABBREVIATION KEY:
   EC ELECTRICAL CONTRACTOR
   GC GENERAL CONTRACTOR
   MC MECHANICAL CONTRACTOR
   C CONDUIT
   TYP TYPICAL
   UG UNDERGROUND
   +#" MOUNTING HEIGHT FROM FINISHED FLOOR TO CENTERLINE

ELECTRICAL INSTALLATION NOTES:

1. THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE A.D.A.A.G. (AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES)
2. CIRCUIT NUMBERS ARE SHOWN FOR CIRCUIT IDENTIFICATION. CIRCUITING SHALL AGREE WITH NUMBERING ON THE PANEL PROVIDED. WHERE COMMON NEUTRAL IS USED FOR TWO OR THREE CIRCUITS, EACH SHALL ORIGINATE FROM DIFFERENT PHASE LEGS OF THE PANEL BUS. COMMON NEUTRALS SHALL NOT BE USED FOR COMPUTER OR OFFICE RECEPTACLES. BALANCE THE LOAD ON PANEL AS EVENLY AS POSSIBLE BETWEEN EACH PHASE.
3. CIRCUIT SERVING EXIT FIXTURES IN SALES AREA SHALL BE RUN IN SEPARATE CONDUIT FROM ALL OTHER CIRCUITS. INSTALL A MANUFACTURER'S "LOCK-ON" DEVICE ON CIRCUIT BREAKER FEEDING EMERGENCY EQUIPMENT.
4. A #12 GREEN INSULATED GROUND CONDUCTOR SHALL BE INSTALLED WITH CIRCUIT CONDUCTORS TO ALL RECEPTACLES.
5. FLUSH MOUNT ALL TOGGLE SWITCHES AT +48" FROM FINISHED FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED.
6. FLUSH MOUNT ALL DUPLEX RECEPTACLES AND TELECOMMUNICATION OUTLETS AT HEIGHT FROM FINISHED FLOOR TO CENTERLINE AS NOTED ON PLANS.
7. CONTRACTOR SHALL VERIFY ALL FURNITURE, MODULAR FURNITURE AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS AND REVIEWED SHOP DRAWINGS PRIOR TO ROUGH-IN. PRIOR TO MAKING THE ACTUAL ELECTRICAL INSTALLATION THIS CONTRACTOR SHALL ADJUST RECEPTACLES, OUTLETS OR CONNECTION LOCATIONS TO ACCOMMODATE FURNITURE AND/OR EQUIPMENT.
8. BOXES LOCATED ON OPPOSITE SIDES OF NON-FIRE RATED WALLS SHALL BE OFFSET A MINIMUM OF 6" HORIZONTALLY. BOXES ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE OFFSET A MINIMUM OF 24" HORIZONTALLY (IN DIFFERENT STUD SPACES). "THRU-THE-WALL" BOXES SHALL NOT BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
9. ELECTRICAL EQUIPMENT SHALL BE INSTALLED TO AVOID INTERFERENCE WITH THE OPERATION OF AND/OR ACCESS TO OTHER EQUIPMENT. ALL MOUNTING OF ELECTRICAL ITEMS ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR SHALL BE APPROVED IN ADVANCE BY THE OTHER CONTRACTOR AND OWNER.
10. ALL FINAL ELECTRICAL CONNECTIONS TO MOTORS AND EQUIPMENT SUBJECT TO VIBRATION SHALL BE MADE WITH FLEXIBLE METAL CONDUIT. USE LIQUIDTIGHT CONDUIT AND FITTINGS WHERE SUBJECT TO MOISTURE. ROUTE GROUND WIRE FROM CIRCUIT GROUND TO MOTOR GROUND THROUGH FLEXIBLE CONDUIT.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUIT PENETRATIONS THROUGH BUILDING WALLS SHALL BE GROUTED OR SEALED CLOSED. WHERE CONDUIT PENETRATES WALLS AND FLOORS SEAL WITH A U.L. LISTED SEALANT. SEAL PENETRATIONS WITH INTUMESCENT CAULK, PUTTY, OR SHEET INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. ALL MATERIALS USED TO SEAL PENETRATIONS OF FIRE WALLS AND FLOORS SHALL BE TESTED AND CERTIFIED AS A SYSTEM PER ASTM E814 STANDARDS FOR FIRE TESTS OR THROUGH-PENETRATION FIRESTOPS AS MANUFACTURED BY 3M, THOMAS & BETTS, OR DUPONT.
12. ALL CONDUIT SHALL BE CONCEALED IN WALLS, PARTITIONS OR ABOVE CEILING, ETC., UNLESS OTHERWISE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS. CONDUIT MAY BE EXPOSED IN BACKROOM TO DISTRIBUTION PANEL ONLY IN VERTICAL RUNS. IF NO CEILING IS INSTALLED, CONDUIT SHALL BE RUN JUST BELOW ROOF DECK AT BOTTOM OF UPPER CHORD OF ROOF JOISTS TO PREVENT POSSIBLE DAMAGE FROM ROOFING SCREWS ABOVE. COORDINATE LOCATIONS IN SALES AREA WITH MECHANICAL SYSTEM LOCATIONS ALL. CONDUIT SHALL BE PARALLEL AND/OR PERPENDICULAR TO THE BUILDING STRUCTURE AND WALLS. CONDUIT SHALL NOT BE INSTALLED IN OR UNDER THE SLAB UNLESS SPECIFICALLY SO NOTED OR APPROVED BY ALDI REPRESENTATIVE.
13. CONTRACTOR SHALL INSTALL AT EACH SERVICE ENTRANCE A PERMANENT DIRECTORY ACCORDING TO ARTICLE 230.2(E), OF THE NATIONAL ELECTRICAL CODE.
14. ALL UPS POWERED RECEPTACLES SHALL BE LABELED ON DEVICE FACEPLATE "UPS-#" WHERE # = CIRCUIT NUMBER.
15. ELECTRICAL CONTRACTOR SHALL PROVIDE ARC FLASH WARNING LABELS FOR ALL DISCONNECTS PER NFPA AND OSHA STANDARDS.

MATERIAL LIST

THE SYMBOLS AND THE MATERIAL LIST ARE FOR THE CONVENIENCE OF THE CONTRACTOR. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES AND SHALL FURNISH ALL MATERIAL REQUIRED, WHETHER SPECIFIED OR NOT, TO PRODUCE A COMPLETE AND SATISFACTORY WORKING SYSTEM.

CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE BUT ARE GIVEN ONLY TO AID THE CONTRACTOR IN THE SEARCH FOR MATERIAL. NO MATERIAL SHALL BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. EACH CONTRACTOR SHALL FIRST READ THE COMPLETE DESCRIPTION OF THE MATERIAL ON THESE DRAWINGS AND SPECIFICATIONS. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN. "STANDARD COLOR" INDICATES FACTORY FINISH COLORS AVAILABLE AT NO ADDITIONAL CHARGE.

WHERE DEVICES ARE GANGED TOGETHER, THE PLATE SHALL BE OF THE GANGED STYLE FOR THE NUMBER AND TYPE OF DEVICES USED.

ITEM	SYMBOL	DESCRIPTION	APPR'D MFG
1	DEVICE COLOR	ALL SWITCH, RECEPTACLE AND OUTLET COLORS SHALL BE GRAY, UNLESS INDICATED OTHERWISE.	PASS & SEYMOUR OR APPROVED EQUAL
2	COVER PLATES	ALL SWITCHES, RECEPTACLES, AND OUTLETS SHALL BE COMPLETE WITH COVERPLATES. COVERPLATES IN ALL SPACES SHALL BE STAINLESS STEEL UNLESS INDICATED OTHERWISE.	PASS & SEYMOUR HUBBELL BRYANT EAGLE LEVITON
3	$	SWITCH - TOGGLE HANDLE, MAINTAINED CONTACT, SINGLE POLE, SINGLE THROW, SPECIFICATION GRADE, SIDE AND BACK WIRED, 20 AMP, 120/277 VOLT, U.L. LISTED.	PASS & SEYMOUR 521 OR APPROVED EQUAL
4	$3	SWITCH - TOGGLE HANDLE, THREE WAY, SPECIFICATION GRADE, SIDE AND BACK WIRED, 20 AMP, 120/277 VOLT, U.L. LISTED.	PASS & SEYMOUR 523 OR APPROVED EQUAL
5	$T	SWITCH - PUSHBUTTON, DIGITAL TIMER, TIME OUT SETTING FROM 5 MIN-12 HOUR (SET TO 30 MIN WITH AUDIBLE ALERT ONLY),120/277 VOLT, U.L. LISTED.	WATTSTOPPER TS-400 OR APPROVED EQUAL
6a	(OS)	CEILING MOUNTED 360° ULTRASONIC OCCUPANCY/VACANCY SENSOR, LINE VOLTAGE 120/277, 500 SQ FT COVERAGE	WATTSTOPPER #UT-355-1 HUBBELL #OMNI-US-500-BP1277
6b	(OS)B	CEILING MOUNTED 360° PASSIVE INFRARED OCCUPANCY/VACANCY SENSOR, LOW VOLTAGE, PROVIDE POWER PACK, 500 SQ FT COVERAGE.	WATTSTOPPER CI-205-1 HUBBELL #OMNIRLUVPP
6c	$OS	WALL MOUNTED - PASSIVE INFRARED OCCUPANCY/VACANCY SENSOR , 120/277 VOLT, U.L. LISTED. 30SEC-30MIN TIME DELAY	WATTSTOPPER #CS-50 HUBBELL #LHIRS1W OR APPROVED EQUALS
7a		RECEPTACLE, DUPLEX - N.E.M.A. 5-20R 125 VOLT, 20 AMP, SPECIFICATION GRADE, 3 WIRE GROUNDING TYPE, NYLON OR POLYCARBONATE FACE, STRAIGHT BLADE, U.L. LISTED.	PASS & SEYMOUR 5362 OR APPROVED EQUAL
7b	TR	RECEPTACLE, DUPLEX - N.E.M.A. 5-20R 125 VOLT, 20 AMP, SPECIFICATION GRADE, TAMPER RESISTANT, 3 WIRE GROUNDING TYPE, NYLON OR POLYCARBONATE FACE, STRAIGHT BLADE, U.L. LISTED.	PASS & SEYMOUR 885TR OR APPROVED EQUAL
8		RECEPTACLE, DOUBLE DUPLEX (QUAD)- (2) N.E.M.A. 5-20R, 125 VOLT, 20 AMP, SPECIFICATION GRADE, 3 WIRE GROUNDING TYPE, NYLON OR POLYCARBONATE FACE, STRAIGHT BLADE, U.L. LISTED. 'I' INDICATES ISOLATED GROUND TYPE WITH ORANGE NYLON OR POLYCARBONATE FACE, STRAIGHT BLADE, ORANGE COVERPLATE WITH "ISO. GND." STENCILED IN BLACK, U.L. LISTED.	PASS & SEYMOUR 5362 OR APPROVED EQUAL
9a	G	RECEPTACLE, GROUND FAULT DUPLEX - N.E.M.A. TYPE 5-15R, 125 VOLT, 15 AMP, SPECIFICATION GRADE, 3 WIRE GROUNDING TYPE, NYLON OR POLYCARBONATE FACE, STRAIGHT BLADE, TEST AND RESET BUTTONS IN FACE, U.L. LISTED.	PASS & SEYMOUR 1591 OR APPROVED EQUAL
9b	G/TR	RECEPTACLE, GROUND FAULT DUPLEX - N.E.M.A. TYPE 5-15R, 125 VOLT, 15 AMP, SPECIFICATION GRADE, TAMPER RESISTANT, 3 WIRE GROUNDING TYPE, NYLON OR POLYCARBONATE FACE, STRAIGHT BLADE. TEST AND RESET BUTTONS IN FACE, U.L. LISTED.	PASS & SEYMOUR 1595TR OR APPROVED EQUAL
10	E	RECEPTACLE, GROUND FAULT DUPLEX - N.E.M.A. TYPE 5-15R, 125 VOLT, 15 AMP, SPECIFICATION GRADE, WEATHER-RESISTANT, 3 WIRE GROUNDING TYPE, NYLON OR POLYCARBONATE FACE, STRAIGHT BLADE, TEST AND RESET BUTTONS IN FACE, U.L. LISTED, MOUNTED IN RECESSED BOX WITH GASKET AND EXTRA DUTY EXPANDABLE WEATHERPROOF WHILE-IN-USE COVER.	PASS & SEYMOUR #1597TRWR OR APPROVED EQUAL HUBBELL-TAYMAC #ML500G
11	G/W	RECEPTACLE, GROUND FAULT DUPLEX - N.E.M.A. TYPE 5-15R, 125 VOLT, 15 AMP, SPECIFICATION GRADE, 3 WIRE GROUNDING TYPE, NYLON OR POLYCARBONATE FACE, STRAIGHT BLADE, TEST AND RESET BUTTONS IN FACE, WEATHERPROOF COVERPLATE, N.E.M.A. 3R RATED WHILE IN USE, CLEAR NON-LOCKING COVER, STANDARD DEPTH, VERTICAL MOUNT, U.L. LISTED.	PASS & SEYMOUR 1591-3703 OR APPROVED EQUAL
12	I	RECEPTACLE, ISOLATED GROUND DUPLEX - N.E.M.A. 5-20R, 125 VOLT, 20 AMP, SPECIFICATION GRADE, 3 WIRE GROUNDING TYPE ORANGE NYLON OR POLYCARBONATE FACE, STRAIGHT BLADE, ORANGE COVERPLATE WITH 'ISO. GND.' STENCILED IN BLACK, U.L. LISTED.	PASS & SEYMOUR IG6300 OR APPROVED EQUAL
13a	WT	RECEPTACLE, SIMPLEX - N.E.M.A. 5-15R, 125 VOLT, 15 AMP, 3 WIRE GROUNDING, SPECIFICATION GRADE, MOUNT IN CAST BOX, RECEPTACLE SHALL BE WATERTIGHT WITH THREADED CAP OR PLUG IN PLACE, FURNISH MATCHING PLUG AND INSTALL ON SUMP PUMP.	CROUSE-HINDS D596 WP820
13b		RECEPTACLE, SIMPLEX - N.E.M.A. 5-20R 125 VOLT, 20 AMP, SPECIFICATION GRADE, 3 WIRE GROUNDING TYPE, NYLON OR POLYCARBONATE FACE, STRAIGHT BLADE, U.L. LISTED.	PASS & SEYMOUR 5361 OR APPROVED EQUAL
14		JUNCTION BOX - 4 SQUARE GALVANIZED STEEL WITH METAL COVER. MOUNTED AS HIGH AS POSSIBLE. REFER TO DETAILS ON E501 FOR CONNECTIONS TO CHECKOUT.	STEEL CITY OR APPROVED EQUAL.
15		LOCKING RECEPTACLE, N.E.M.A. TYPE L15-20, 250 VOLT, 20 AMP, 3 PHASE GROUNDING, TWIST LOCK, FLUSH MOUNT.	HUBBELL 420A OR APPROVED EQUAL.
16	J	JUNCTION BOX - 4"x4" SQUARE GALVANIZED STEEL WITH METAL COVER.	STEEL CITY OR APPROVED EQUAL.
17	▽	TELEPHONE/VOICE ONLY OUTLET - SINGLE GANG RECESSED BOX WITH COVER AND 3/4" CONDUIT TO ABOVE CEILING OR TO JOIST WEB, VERIFY LOCATION.	STEEL CITY OR APPROVED EQUAL.
18	▼	DUPLEX VOICE/DATA OUTLET - SINGLE GANG RECESSED BOX WITH COVER AND 3/4" CONDUIT TO ABOVE CEILING (UNLESS OTHERWISE NOTED), VERIFY LOCATION.	STEEL CITY OR APPROVED EQUAL.
19	PW 1	POWER WALL - FURNISHED BY ALDI INSTALLED BY E.C.	FURNISHED BY ALDI INSTALLED BY E.C.
20	DS 1	DISCONNECT SWITCH, GENERAL DUTY 3 POLE, NON-FUSIBLE, 3 WIRE, 240 VOLT, 60 AMP, NEMA 1 ENCLOSURE.	SQUARE "D" DU322 GENERAL ELECTRIC CUTLER HAMMER SIEMENS
21	DS 2	DISCONNECT SWITCH, GENERAL DUTY 3 POLE, NON-FUSIBLE, 3 WIRE, 240 VOLT, 30 AMP, NEMA 3R ENCLOSURE.	SQUARE "D" DU321RB GENERAL ELECTRIC CUTLER HAMMER SIEMENS
22	DS 3	DISCONNECT SWITCH, GENERAL DUTY 3 POLE, NON-FUSIBLE, 3 WIRE, 240 VOLT, 30 AMP, NEMA 1 ENCLOSURE.	SQUARE "D" DU321 GENERAL ELECTRIC CUTLER HAMMER SIEMENS
23	DS 4	DISCONNECT SWITCH, GENERAL DUTY 3 POLE, NON-FUSIBLE, 3 WIRE, 240 VOLT, 100 AMP, NEMA 3R ENCLOSURE.	SQUARE "D" DU323RB GENERAL ELECTRIC CUTLER HAMMER SIEMENS
24	DS 5	DISCONNECT SWITCH, GENERAL DUTY 3 POLE, FUSIBLE, 4 WIRE, 240 VOLT, 400 AMP, NEMA 1 ENCLOSURE.	SQUARE "D" D325N GENERAL ELECTRIC CUTLER HAMMER SIEMENS
25	DS 6	DISCONNECT SWITCH, GENERAL DUTY 3 POLE, NON-FUSIBLE, 3 WIRE, 240 VOLT, 100 AMP, NEMA 1 ENCLOSURE.	SQUARE "D" DU323 GENERAL ELECTRIC CUTLER HAMMER SIEMENS

ITEM	SYMBOL	DESCRIPTION	APPR'D MFG
26	MS 1	MANUAL SWITCH, 120 VOLT, 30 AMP, 2 POLE, SURFACE MOUNT, NO OVERLOADS, NEMA 1 ENCLOSURE.	SQUARE "D" CLASS 2510 KG1 GENERAL ELECTRIC CUTLER HAMMER SIEMENS
27	A	VIBRATING BELL - 24 VOLT AC, 92 dB AT 10' FEET, 6" DIAMETER GONG, REFER TO DIAGRAM ON E-501.	EDWARDS #340-6G5 OR APPROVED EQUAL
28	B1	BUZZER - 24 VOLT AC, 70 dB AT 10' FEET, MOUNT ON OUTSIDE OF SINGLE GANG STAINLESS STEEL BOX PER MANUFACTURER, REFER TO DIAGRAM ON E-501.	EDWARDS #340A-G5 OR APPROVED EQUAL
29	B2	BUZZER - 24 VOLT AC, 86 DB AT 10' FEET, MOUNT ON OUTSIDE OF SINGLE GANG STAINLESS STEEL BOX PER MANUFACTURER, REFER TO DIAGRAM ON E-501.	EDWARDS #123A-G5 OR APPROVED EQUAL
30	C1	CHIME - 24 VOLT AC, 81 DB AT 10' FEET, SURFACE MOUNT PER MANUFACTURERS INSTRUCTIONS TO STAINLESS STEEL BOX. REFER TO DIAGRAM ON E-501.	EDWARDS #338-G5 OR APPROVED EQUAL
31	T 1	TRANSFORMER - 120 VOLT PRIMARY, 24 VOLT AC SECONDARY, 100 VA, MOUNT ON PANEL "L2". REFER TO DIAGRAM ON E-301 & E-501.	EDWARDS #88-100 OR APPROVED EQUAL
32			
33	PB-1	PUSHBUTTON - SURFACE MOUNT, WEATHERPROOF, 24 VOLT AC NORMALLY OPEN CONTACT, REFER TO DIAGRAM E-501.	TORKALERT #TA1786C-B OR APPROVED EQUAL
34	PB-2	PUSHBUTTON - SURFACE MOUNT, RECTANGULAR, BROWN HOUSING WITH IVORY BUTTON, 24 VOLT AC NORMALLY OPEN CONTACT, REFER TO DIAGRAM E-501.	EDWARDS #634 OR APPROVED EQUAL
35	PB-3	PUSHBUTTON - SNAP FIT IN 5/8" HOLE, BLACK BUTTON RAISED 1/8", 24 VOLT AC, 10 AMP CONTACT. REFER TO DIAGRAM E-501.	TORKALERT #TA620 OR APPROVED EQUAL
36	EP1	PANIC ALARM PUSHBUTTON - MOUNT ON WALL 6"AC OVER DESK IN OFFICE. PROVIDE 2"x4" BOX WITH 1/2" CONDUIT TO ALARM PANEL. VERIFY WITH ARCHITECTURAL DRAWINGS AND OWNERS REP.	REFER TO OWNERS REPRESENTATIVE
37			
38	K	KEY PAD - E.C. SHALL PROVIDE 2"x 4" BOX WITH 3/4" CONDUIT TO ABOVE CEILING, OR BOTTOM OF ROOF DECK (IF NO CEILING).	STEEL CITY OR APPROVED EQUAL.
39	J	JUNCTION BOX SINGLE GANG, GALVANIZED STEEL WITH METAL COVER. RECESSED MOUNT, 3/4" CONDUIT EXTENDED TO ABOVE ACCESSIBLE CEILING, UNLESS OTHERWISE NOTED.	STEEL CITY OR APPROVED EQUAL.
40	K2	KEY PAD - E.C. SHALL PROVIDE RECESSED 4" SQ. BOX WITH 3/4" CONDUIT TO ABOVE CEILING, OR BOTTOM OF ROOF DECK (IF NO CEILING).	STEEL CITY OR APPROVED EQUAL.
41	S	JUNCTION BOX - 4"x4" SQUARE GALVANIZED STEEL. PROVIDE TRIM RING IF NECESSARY TO HOUSE REMOTE DETEX DOOR ALARM SOUNDER.	STEEL CITY OR APPROVED EQUAL.
42	TJ	SURFACE MOUNTED 4 SQ. DEEP JUNCTION BOX, GALVANIZED STEEL WITH METAL COVER	STEEL CITY OR APPROVED EQUAL.
43	DC	OVERHEAD DOOR CONTACT LOCATION - PROVIDE 3/4" CONDUIT FROM 6" ABOVE DOOR HEAD TO BOTTOM OF ROOF DECK.	
44	TS	TEMPERATURE SENSOR - PROVIDE SINGLE GANG BOX WITH MINIMUM 3/4" CONDUIT TO ABOVE CEILING.	STEEL CITY OR APPROVED EQUAL.
45	FSD	FACILITY STATUS DISPLAY - PROVIDE MINIMUM 3/4" CONDUIT TO ABOVE CEILING.	
46	SD	SMOKE DETECTOR - DUCT TYPE, IONIZATION, 120 VOLT OPERATION, 4 WIRE, CLASS "B" WIRING, SAMPLING TUBES AND HOUSING FOR MOUNTING IN AIR DUCT PER MANUFACTURER'S INSTRUCTIONS, 2 FORM "C" CONTACTS RATED FOR 10 AMPS, COMPLETE WITH BACK BOX, BASE AND MOUNTING HARDWARE, REMOTE KEYED TEST STATION WITH POWER AND ALARM INDICATORS. REFER TO MECHANICAL DRAWINGS FOR MODEL # AND STYLE.	FURNISHED AND INSTALLED BY M.C., WIRED BY E.C.
47	HD 1	ELECTRIC HAND DRYER - ADA COMPLIANT UNIVERSAL VOLTAGE, 950WATT TOTAL, STAINLESS STEEL COVER, SURFACE MOUNT, 35 SECOND TIME CYCLE, 16,000 LFM FAN.	EXCEL DRYER THINAIR #TA-SB
48	OPS 1	UNINTERRUPTIBLE POWER SUPPLY UNIT AND BYPASS SWITCH, 2 KVA 120 VOLT U.P.S. CONNECTED TO CHECKLANE ISOLATED GROUND CIRCUITS VIA BYPASS SWITCH LOCATED ADJACENT TO U.P.S., ON SHEET, REFER TO DIAGRAM A1/E-501 FOR WIRING DIAGRAM. U.P.S. AND SYSTEM BYPASS FURNISHED BY ALDI, INSTALLED AND WIRED BY E.C.	POWERWARE PW9130L-3000T-XL FURNISHED BY ALDI
49	TL	RECEPTACLE, SIMPLEX, WITH MATCHING PLUG -N.E.M.A. L5-30R AND L5-30P, 125 VOLT, 30 AMP, SPECIFICATION GRADE, 3 WIRE GROUNDING TYPE, NYLON OR POLYCARBONATE FACE, TWIST LOCK. U.L. LISTED	PASS & SEYMOUR L5-30P L5-30R OR APPROVED EQUAL
50	TL	RECEPTACLE, SIMPLEX, WITH MATCHING PLUG - N.E.M.A. L14-20R AND L14-20P, 125/250 VOLT, 20 AMP, SPECIFICATION GRADE, 4 WIRE GROUNDING TYPE, NYLON OR POLYCARBONATE FACE, STRAIGHT BLADE, U.L. LISTED	PASS & SEYMOUR L14-20P L14-20R OR APPROVED EQUAL
S1	CR	CARD READER - PROVIDE SINGLE GANG BOX WITH MINIMUM 1/2" CONDUIT TO JUNCTION BOX MOUNTED AT ROOF DECK ABOVE EXTERIOR E-COMMERCE DOOR. IF CARD READERS ARE NOT INSTALLED PROVIDE BLANK COVER PAINTED TO MATCH SURROUNDING SURFACES. REFER TO ARCH ELEVATIONS FOR MOUNTING HEIGHT.	STEEL CITY OR APPROVED EQUAL.
S2	DC	DOOR CONTACT - PROVIDE SINGLE GANG BOX WITH MINIMUM 1/2" CONDUIT TO JUNCTION BOX MOUNTED AT ROOF DECK ABOVE EXTERIOR E-COMMERCE DOOR.	STEEL CITY OR APPROVED EQUAL.
S3	DS	ELECTRIC DOOR STRIKE - PROVIDE DOOR FRAME BOX WITH MINIMUM 1/2" CONDUIT TO JUNCTION BOX MOUNTED AT ROOF DECK ABOVE EXTERIOR E-COMMERCE DOOR.	STEEL CITY OR APPROVED EQUAL.

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A	Client Review	02/14/18
B	Permit Set	06/25/19
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D		
E		

Revisions:		Date:
1		
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6	CCD 1	11/25/19
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JACKSON COUNTY
Project Name & Location:

Material List & Notes
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

E-001
Drawing No.

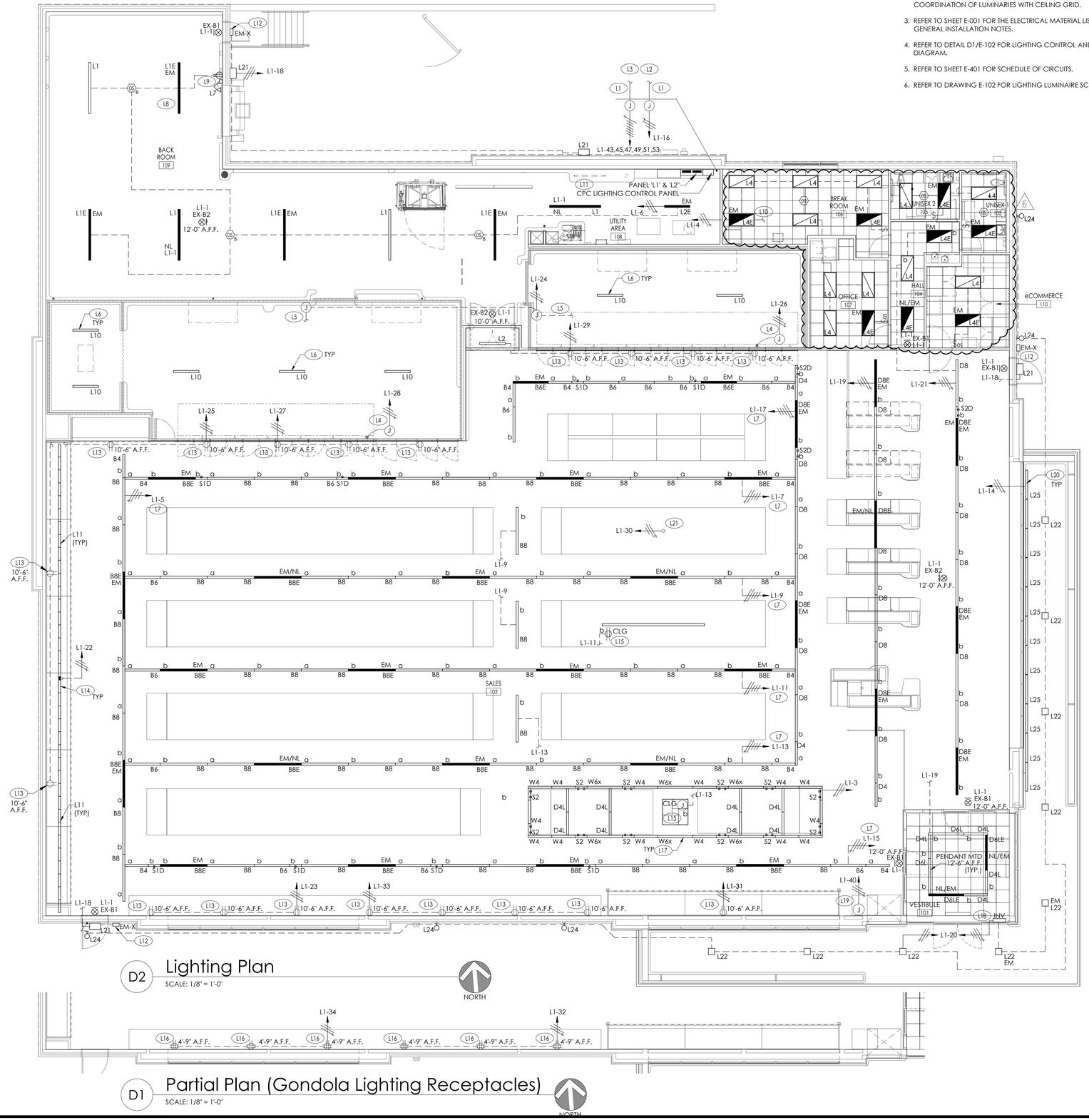
PLOTTED: 11/21/2019 12:02 PM

GENERAL LIGHTING NOTES:

1. ALL HEIGHT DIMENSIONS (e.g. +8'-6") ARE FROM THE FINISHED FLOOR TO THE CENTERLINE OF THE DEVICE.
2. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR COORDINATION OF LUMINARIES WITH CEILING GRID.
3. REFER TO SHEET E-001 FOR THE ELECTRICAL MATERIAL LIST AND GENERAL INSTALLATION NOTES.
4. REFER TO DETAIL D1/E-102 FOR LIGHTING CONTROL AND WIRING DIAGRAM.
5. REFER TO SHEET E-401 FOR SCHEDULE OF CIRCUITS.
6. REFER TO DRAWING E-102 FOR LIGHTING LUMINAIRE SCHEDULE.
7. IN AREAS WHERE NO CEILING IS INSTALLED, CONDUIT SHALL BE RUN JUST BELOW ROOF DECK AT BOTTOM OF UPPER CHORD OF ROOF JOISTS.
8. EXIT LIGHTING FIXTURES SHALL BE CONNECTED TO THE NIGHT LIGHTING BRANCH CIRCUIT 'L1-1'. FIXTURES SHALL NOT BE SWITCHED.
9. EMERGENCY FIXTURES (EM) HAVE EMERGENCY BATTERY BALLAST FACTORY INSTALLED. VERIFY FIXTURE COUNTS AND PLACEMENT OF EMERGENCY FIXTURES PRIOR TO INSTALLATION. NOTIFY ALDI REP OF ANY DISCREPANCIES.
10. CONTRACTOR SHALL ADJUST PLACEMENT OF FIXTURES IN TRUNK SYSTEM. SPOT LIGHTING TYPE 'N7' FIXTURES SHALL BE CENTERED ON FINAL WALL GRAPHIC LOCATIONS. SPOTS SHOULD THEN BE ADJUSTED TO FULLY ILLUMINATE GRAPHIC FACE.

LIGHTING PLAN KEYNOTES:

- L1 ROUTE CONDUIT FROM PANEL 'L1' TO EXTERIOR BUILDING SITE LIGHTING AND SIGN POWER BELOW SLAB. MINIMUM 1 1/2" CONDUIT SHALL BE USED AND CONDUIT SHALL HAVE PROPER LISTINGS FOR LOCATION ACCORDING TO ALL LOCAL CODES AND CURRENT EDITION OF N.E.C. REFER TO KEYNOTES L2 AND L3.
- L2 MINIMUM 1-1/2" SCHEDULE 40 PVC CONDUIT. INSTALL MINIMUM OF 24" BELOW GRADE TO MONUMENT/PYLON SIGN. REFER TO DETAIL FOR CONDUIT TERMINATION AT SIGN. FIELD VERIFY ENTRANCE LOCATION INTO BUILDING TO KEEP RUN AS SHORT AS POSSIBLE.
- L3 MINIMUM 1-1/2" SCHEDULE 40 PVC CONDUIT. INSTALL MINIMUM OF 24" BELOW GRADE TO NEW PARKING LOT LUMINARIES. REFER TO SITE ELECTRICAL PLAN FOR LOCATION. FIELD VERIFY ENTRANCE LOCATION INTO BUILDING TO KEEP RUN AS SHORT AS POSSIBLE.
- L4 VERIFY LOCATION OF CONNECTION TO DOOR LIGHTS WITH REFRIGERATION CONTRACTOR.
- L5 VERIFY LOCATION OF JUNCTION BOX WITH REFRIGERATION CONTRACTOR. CONDUIT AND WIRING CONNECTIONS AND INSTALLATION OF LUMINARIES INSIDE COOLER AND FREEZER BY REFRIGERATION CONTRACTOR. REFER TO KEYNOTE 'L6'
- L6 FIXTURES SHOWN IN WALK-IN COOLER AND FREEZER SHALL BE FURNISHED BY ELECTRICAL CONTRACTOR AND TURNED OVER TO REFRIGERATION CONTRACTOR FOR INSTALLATION. OCCUPANCY SENSORS FURNISHED AND INSTALLED BY REFRIGERATION CONTRACTOR.
- L7 REFER TO INSTALLATION AND WIRING GUIDE PROVIDED BY NORDEON LIGHTING FOR SALES AREA TRUNKING. EACH TRUNK FOR THE MAIN STORE AISLES IS SERVED BY THREE (3) CIRCUITS ORIGINATING FROM THE SAME BRANCH CIRCUIT.
  -CONTROL CIRCUIT #1 IS FROM "STOCKING" CONTACTORS OPERATING FIXTURES THAT HAVE LETTER DESIGNATION 'a'
  -CONTROL CIRCUIT #2 IS FROM "SALES" CONTACTORS OPERATING FIXTURES THAT HAVE LETTER DESIGNATION 'b'
  -CIRCUIT #3 IS UN-SWITCHED AND REFERENCE VOLTAGE FOR EMERGENCY FIXTURES AND CONNECTED SUCH THAT IN THE EVENT OF A LOSS OF NORMAL POWER THE EMERGENCY FIXTURE ILLUMINATES. NIGHT LIGHTING FIXTURES (NL) FACTORY WIRED FOR 24/7 ILLUMINATION.
- L8 INSTALL LUMINARIES, CONDUIT AND WIRING TO CLEAR OVERHEAD DOOR IN THE OPEN POSITION.
- L9 RECEPTACLE FOR DOCK LIGHT SHALL BE SWITCHED WITH BACKROOM LIGHTS. PROVIDE WOOD BLOCKING BETWEEN STUDS TO SECURELY MOUNT FIXTURE.
- L10 EXTEND CIRCUIT TO EXHAUST FAN EF-1. REFER TO E-301 FOR CONTINUATION.
- L11 CPC SYSTEM REFER TO DETAIL D1/E-102 FOR LIGHTING CONTROL DIAGRAM.
- L12 PROVIDE EXTERIOR EMERGENCY FIXTURE NEAR DOOR FOR EXIT DISCHARGE LIGHTING. REFER TO ARCHITECTURAL ELEVATIONS FOR LOCATIONS.
- L13 PROVIDE DUPLEX RECEPTACLES FOR LED BACKLIT GRAPHIC FRAMES. COORDINATE RECEPTACLE LOCATIONS WITH SIGN VENDOR, G.C. AND ALDI REP. PRIOR TO ROUGH-IN. RECEPTACLES SHALL BE CONNECTED TO CIRCUITS AS INDICATED. REFER TO LIGHTING CONTROL DIAGRAM D1/E-102.
- L14 INSTALL 2' LOW-PROFILE LINEAR COVE FIXTURES FACING UP TO LIGHT BACK WALL GRAPHICS ON TOP OF MDU. SECURE FIXTURES TO GC INSTALLED LIGHT GAUGE HAT CHANNEL WITH FURNISHED MOUNTING CLIPS. REFER TO ARCHITECTURAL SECTION DRAWINGS FOR FIXTURE PLACEMENT. VERIFY QUANTITY OF FIXTURES REQUIRED FOR CONTINUOUS ROW WALL TO WALL.
- L15 PROVIDE CONNECTION OF PRE-FABRICATED HANGING LIGHTED SIGNS TO SALES FLOOR LIGHTING BRANCH CIRCUIT AS INDICATED. COORDINATE LOCATION OF JUNCTION BOX AND OR RECEPTACLE WITH SIGN INSTALLER PRIOR TO ROUGH-IN.
- L16 PROVIDE RECEPTACLES AS NOTED FOR GONDOLA ACCENT LIGHTING. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR RECEPTACLE LOCATIONS AND COORDINATE WITH G.C. PRIOR TO ROUGH-IN. REFER TO LIGHTING CONTROL DIAGRAM D1/E-102.
- L17 MOUNT PRODUCE LIGHTING ASSEMBLY AT 12'-0" A.F.F. TO BUILDING STRUCTURE PER MANUFACTURERS INSTRUCTIONS USING SAMMYS SCREW AND AIRCRAFT CABLE SUPPORT KIT PROVIDED WITH FIXTURES. LIGHTING ASSEMBLY SHALL BE MOUNTED TO AVOID ALL OBSTRUCTIONS. REFER TO REFLECTED CEILING PLAN FOR LOCATIONS.
- L18 FLUSH MOUNT CREE MODEL #CL-LG-2T EMERGENCY LIGHTING INVERTER IN VESTIBULE CEILING AND CABLE SUPPORT FROM STRUCTURE ABOVE. PROVIDE SWITCHED AND UN-SWITCHED FEED TO INVERTER AND CONNECT OUTPUT TO CANOPY FIXTURES INDICATED FOR EMERGENCY EGRESS ILLUMINATION.
- L19 INSTALL JUNCTION BOXES AND BRANCH CIRCUIT FOR MESSAGE TOWER LIGHTING. VERIFY LOCATIONS AND REQUIREMENTS WITH GENERAL CONTRACTOR AND SIGN INSTALLER PRIOR TO ROUGH-IN. REFER TO LIGHTING CONTROL DIAGRAM D1/E-102.
- L20 WALL MOUNT UP-LIGHTING FIXTURES PER MANUFACTURERS INSTALLATION GUIDE. VERIFY LOCATION AND REQUIREMENTS WITH GENERAL CONTRACTOR AND ARCHITECTURAL SECTIONS. JUNCTION BOXES AND BRANCH CIRCUIT SHALL BE CONCEALED IN WALL PRIOR TO DRYWALL INSTALLATION. REFER TO LIGHTING CONTROL DIAGRAM D1/E-102.
- L21 LOCATE POWER POLE AND RACEWAY FOR GONDOLA LIGHTING. REFER TO DETAIL D3/E-502 FOR INSTALLATION REQUIREMENTS. CIRCUIT WITH SPOT MERCHANDISER LIGHTING CIRCUIT L1-30.



D2 Lighting Plan
SCALE: 1/8" = 1'-0"

D1 Partial Plan (Gondola Lighting Receptacles)
SCALE: 1/8" = 1'-0"

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D		
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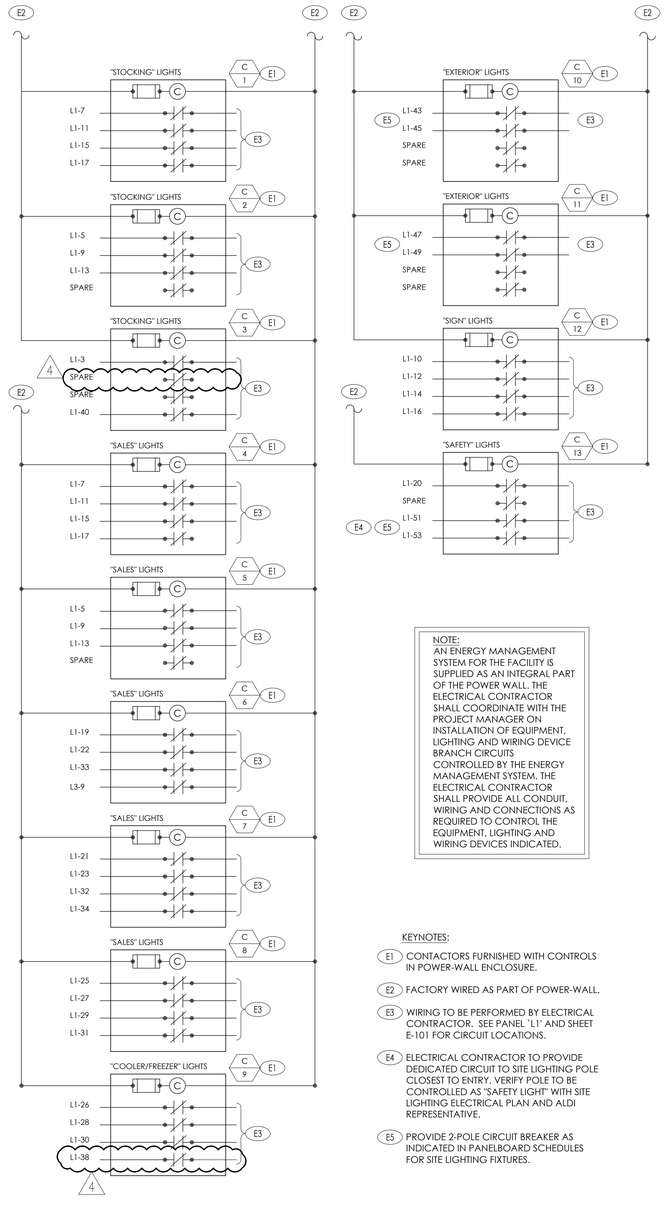
Lighting Plan
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

Drawing No. E-101

PLOTTED: 11/25/2019 10:58 AM



NOTE:
AN ENERGY MANAGEMENT SYSTEM FOR THE FACILITY IS SUPPLIED AS AN INTEGRAL PART OF THE POWER WALL. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE PROJECT MANAGER ON INSTALLATION OF EQUIPMENT, LIGHTING AND WIRING DEVICE BRANCH CIRCUITS CONTROLLED BY THE ENERGY MANAGEMENT SYSTEM. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT, WIRING AND CONNECTIONS AS REQUIRED TO CONTROL THE EQUIPMENT, LIGHTING AND WIRING DEVICES INDICATED.

KEYNOTES:

(E1) CONTACTORS FURNISHED WITH CONTROLS IN POWER-WALL ENCLOSURE.

(E2) FACTORY WIRED AS PART OF POWER-WALL.

(E3) WIRING TO BE PERFORMED BY ELECTRICAL CONTRACTOR. SEE PANEL 'L1' AND SHEET E-101 FOR CIRCUIT LOCATIONS.

(E4) ELECTRICAL CONTRACTOR TO PROVIDE DEDICATED CIRCUIT TO SITE LIGHTING POLE CLOSEST TO ENTRY. VERIFY POLE TO BE CONTROLLED AS "SAFETY LIGHT" WITH SITE LIGHTING ELECTRICAL PLAN AND ALDI REPRESENTATIVE.

(E5) PROVIDE 2-POLE CIRCUIT BREAKER AS INDICATED IN PANELBOARD SCHEDULES FOR SITE LIGHTING FIXTURES.

D1 Lighting Control Diagram

LIGHTING LUMINAIRE SCHEDULE

MOUNTING (MTG) KEY:
RE - RECESSED
SP - SUSPENDED
CL - CEILING SURFACE
WL - WALL
UC - UNDERCABINET
CV - COVE
PL - POLE
O - OTHER (SEE REMARKS)

DOOR KEY:
FA - FLAT ALUMINUM
FS - FLAT STEEL
RA - REGRESSED ALUMINUM
RS - REGRESSED STEEL

LAMP TYPE KEY:
FL - FLUORESCENT
CF - COMPACT FLUORESCENT
IN - INCANDESCENT
LED - LIGHT EMITTING DIODE
HS - HIGH PRESSURE SODIUM
MH - METAL HALIDE
MV - MERCURY VAPOR
LV - LOW VOLTAGE
O - OTHER (SEE REMARKS)

BALLAST (BLS) KEY:
EB - ELECTRONIC
EM - EMERGENCY BATTERY
OD - OUTDOOR RATED BALLAST
EN - ENERGY SAVING

LENS/LOUVER (L/L) KEY:
A - .125" ACRYLIC
B - BLACK MILLIGROOVE
C - CLEAR ALZAK
D - PARABOLIC
E - - - -
F - FRESNEL
G - TEMPERED GLASS
H - WALL WASHER
K - KSH12 .125" ACRYLIC
K19 - KSH19 .156" ACRYLIC
L - LOW IRIDESCENT SPECULAR ALUMINUM
M - - - -
N - NONE
O - OTHER (SEE REMARKS)

NOTES:

1. CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. FIRST READ THE COMPLETE DESCRIPTION, NOTES, AND REMARKS AND THE SPECIFICATIONS IN COORDINATION WITH CATALOG NUMBER TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE MANUFACTURER LISTED IS THE BASIS OF DESIGN.
2. ALL LAMPS FOR THIS PROJECT SHALL BE FURNISHED BY MANUFACTURER WITH FIXTURES AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED.
3. FOR NATIONAL ACCOUNTS PRICING CONTACT MIKE KREINER @ CREE LIGHTING MIKE.KREINER@CREE.COM PHONE: 262-504-5037
4. NORDEON LIGHTING SYSTEM SHALL BE OWNER FURNISHED AND CONTRACTOR INSTALLED. CONTRACTOR SHALL HAVE 5 DAYS FROM DATE OF DELIVERY ACCEPTANCE TO VERIFY SHIPMENT FOR ANY DAMAGES. CORRECT QUANTITY OF FIXTURES. AND PLACE CLAIM. AFTER 5 DAYS CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES AND ADDITIONAL FIXTURES REQUIRED TO ACHIEVE LAYOUT SHOWN.
5. FOR NATIONAL ACCOUNTS PRICING CONTACT LINDSEY WHISLER @ FACILITY SOLUTIONS GROUP CCC1@FSGI.COM PHONE: 214-351-6266
6. LUMINARIES ARE TYPICAL FOR ALDI STORES. FIXTURES SHOWN LIGHT LINE WEIGHT NOT USED ON THIS PROJECT. REFER TO LIGHTING PLAN FOR QUANTITIES OF LUMINARIES USED. FIXTURES SHALL BE ORDERED BY MODEL NUMBER AND MANUFACTURER NOT BY ID NUMBER. VERIFY SITE LIGHTING FIXTURE TYPES AND LOCATIONS WITH FINAL SITE PLANS.
7. FIXTURE AND POLE SPECIFICATION SHALL BE VERIFIED WITH FINAL SITE PLANS AND ENGINEER FOR LOCAL REQUIREMENTS. ALDI REPRESENTATIVE SHALL APPROVE POLE HEIGHTS.

FIXT. NO.	DESCRIPTION	FIXT. SIZE	MTG.	LAMPS TYPE	LAMPS QUANTITY & SIZE	VOLTS/ BLS TYPE	L/L	MANUFACTURER	REMARKS
L1	8' SURFACE STRIP LIGHT	2.5"W. x 8'L.	O	LED	88W, 8000L, 35K	120	O	CREE: LS8-80L-35K-10V LS9003-LS9001	SALES FLOOR & BACKROOM. REFER TO STRIP FIXTURE MOUNTING NOTES. REFER TO NOTE #3
L1E	8' SURFACE STRIP LIGHT W/ EMERGENCY BACKUP MINIMUM OF 90 MIN OPERATION	2.5"W. x 8'L.	O	LED	88W, 8000L, 35K	120	O	CREE: LS8-80L-35K-10V-EB14 LS9003-LS9001	SAME MOUNTING AS TYPE L1 FACTORY INSTALLED 1400 LUMEN EMERGENCY POWER PACK. VERIFY (EM) FIXTURE PLACEMENT WITH DRAWING E-101 PRIOR TO INSTALLATION REFER TO NOTE #3
L2	4' SURFACE STRIP LIGHT	2.5"W. x 4'L.	O	LED	44W, 4000L, 35K	120	O	CREE: LS4-40L-35K-10V	SAME MOUNTING AS TYPE L1 REFER TO NOTE #3
L2E	4' SURFACE STRIP LIGHT W/ EMERGENCY BACKUP MINIMUM OF 90 MIN OPERATION	2.5"W. x 4'L.	O	LED	44W, 4000L, 35K	120	O	CREE: LS4-40L-35K-10V-EB14	SAME MOUNTING AS TYPE L1 FACTORY INSTALLED 1400 LUMEN EMERGENCY POWER PACK. VERIFY (EM) FIXTURE PLACEMENT WITH DRAWING E-101 PRIOR TO INSTALLATION REFER TO NOTE #3
L3	DO NOT USE								
L4	TROFFER	2'-0" x 4'-0"	RE	LED	44W, 4000L, 35K	120	O	CREE: ZR24-40L-35K-10V	REFER TO NOTE #3
L4E	TROFFER W/ EMERGENCY BACKUP MINIMUM OF 90 MIN OPERATION	2'-0" x 4'-0"	RE	LED	44W, 4000L, 35K	120	O	CREE: ZR24-40L-35K-10V-EB14	FACTORY INSTALLED 1400 LUMEN EMERGENCY POWER PACK. VERIFY (EM) FIXTURE PLACEMENT WITH DRAWING E-101 PRIOR TO INSTALLATION. REFER TO NOTE #3
L5	DO NOT USE								
L6	VAPOR TIGHT FIXTURE	6" NOM.	O	LED A19	9.5W, 800L, 27K	120	O	CREE: E.MT4A101G/A19-60W-27K	ENCLOSED AND GASKETED, GLASS GLOBE, METAL GUARD, WALL MOUNTED REFER TO D3/E-501 REFER TO NOTE #3
L7	DOCK LIGHT	-	WL	LED	23W, 2650L, 40K	120	O	CREE: E-WTD02A-1740T-42	DUAL ARM 40" REACH, RECEPTACLE CONNECTION, INTEGRAL SWITCH REFER TO NOTE #3
L8	DO NOT USE								
L9	DO NOT USE								
L10	WET LOCATION LINEAR	51.8" L 6.8" W 4.3" H	O	LED	43W, 6100L, 35K	120	O	CREE: WS4C-60L-LFA-35K-8-UL	TURN FIXTURES OVER TO REFRIGERATION CONTRACTOR FOR INSTALLATION IN WALK-IN COOLER/FREEZER AREAS. REFER TO NOTE #3
L11	2' LOW-PROFILE LINEAR COVE LUMINAIRE	24.3" L 1.13" W 1.0" H	O	LED	15.5W, 1000L, 30K	120	O	CREE: CL-138-512-WH-3	MOUNT FIXTURES ABOVE MULTIDECK UNITS ON GC INSTALLED HAT CHANNELS w/ FIXTURE FURNISHED MOUNTING CLIPS. PROVIDE ONE CL-1352BWH POWER FEED SWITCH BOX AND INSTALL IN CENTER OF CONTINUOUS ROW. LIGHTING ROW LENGTH FROM SWITCH BOX NOT TO EXCEED 36'-0". REFER TO NOTE #3
L12	DO NOT USE								
L13	DO NOT USE								
B4	LINEAR STRIP LIGHT 3.7' BATWING HIGH OUTPUT	2.5'W 44.25'L		LED	54W, 6000L, 35K	120	O	NORDEON: BL4-3500K-UNV-DA20-O-3.7-BL-DIM	MOUNTS INTO WIRE TRUNK, REFER TO WIRE TRUNK MOUNTING NOTES REFER TO NOTE #4
B6	LINEAR STRIP LIGHT 5.5' BATWING HIGH OUTPUT	2.5"W 66.4'L		LED	72W, 9000L, 35K	120	O	NORDEON: BL9-3500K-UNV-DA20-O-5.5-BL-DIM	SAME MOUNTING AS 'B4' REFER TO NOTE #4
B6E	LINEAR STRIP LIGHT 5.5' BATWING HIGH OUTPUT W/ EMERGENCY BACKUP MINIMUM OF 90 MIN OPERATION	2.5'W 66.4'L		LED	72W, 9000L, 35K	120	O	NORDEON: BLE9-3500K-UNV-DA20-O-5.5-BL-DIM	SAME MOUNTING AS 'B4'. FACTORY INSTALLED 600 LUMEN EMERGENCY POWER PACK. VERIFY (EM) FIXTURE PLACEMENT WITH DRAWING E-101 PRIOR TO INSTALLATION. REFER TO NOTE #4
B8	LINEAR STRIP LIGHT 7.4' BATWING HIGH OUTPUT DO NOT USE	2.5'W 84.4'L		LED	95W, 12000L, 35K	120	O	NORDEON: BL12-3500K-UNV-DA20-O-7.4-BL-DIM	SAME MOUNTING AS 'B4' REFER TO NOTE #4
B8E	LINEAR STRIP LIGHT 7.4' BATWING HIGH OUTPUT W/ EMERGENCY BACKUP MINIMUM OF 90 MIN OPERATION	2.5'W 84.4'L		LED	95W, 12000L, 35K	120	O	NORDEON: BLE12-3500K-UNV-DA20-O-7.4-BL-DIM	SAME MOUNTING AS 'B4'. FACTORY INSTALLED 600 LUMEN EMERGENCY POWER PACK. VERIFY (EM) FIXTURE PLACEMENT WITH DRAWING E-101 PRIOR TO INSTALLATION. REFER TO NOTE #4
D4	LINEAR STRIP LIGHT 3.7' DIFFUSED HIGH OUTPUT	2.5'W 44.25'L		LED	54W, 6000L, 35K	120	O	NORDEON: BL4-3500K-UNV-DF2-3.7-BL-DIM	SAME MOUNTING AS 'B4'. REFER TO NOTE #4
D4L	LINEAR STRIP LIGHT 3.7' DIFFUSED	2.5'W 44.25'L		LED	34W, 4000L, 35K	120	O	NORDEON: BL4-3500K-UNV-DF2-3.7-BL-DIM	SAME MOUNTING AS 'B4'. REFER TO NOTE #4
D4LE	LINEAR STRIP LIGHT 3.7' DIFFUSED W/ EMERGENCY BACKUP MINIMUM OF 90 MIN OPERATION (NOT USED)	2.5'W 44.25'L		LED	34W, 4000L, 35K	120	O	BLE4-3500K-UNV-DF2-3.7-BL-DIM	SAME MOUNTING AS 'B4'. FACTORY INSTALLED 600 LUMEN EMERGENCY POWER PACK. VERIFY (EM) FIXTURE PLACEMENT WITH DRAWING E-101 PRIOR TO INSTALLATION. REFER TO NOTE #4
D6	LINEAR STRIP LIGHT 5.5' DIFFUSED HIGH OUTPUT (NOT USED)	2.5'W 66.4'L		LED	72W, 9000L, 35K	120	O	NORDEON: BL9-3500K-UNV-DF2-5.5-BL-DIM	SAME MOUNTING AS 'B4'. REFER TO NOTE #4
D6E	LINEAR STRIP LIGHT 5.5' DIFFUSED	2.5'W 66.4'L		LED	54W, 6000L, 35K	120	O	BLE6-3500K-UNV-DF2-5.5-BL-DIM	SAME MOUNTING AS 'B4'. FACTORY INSTALLED 600 LUMEN EMERGENCY POWER PACK. VERIFY (EM) FIXTURE PLACEMENT WITH DRAWING E-101 PRIOR TO INSTALLATION. REFER TO NOTE #4
D8	LINEAR STRIP LIGHT 7.4' DIFFUSED HIGH OUTPUT	2.5'W 84.4'L		LED	95W, 12000L, 35K	120	O	NORDEON: BL12-3500K-UNV-DF2-7.4-BL-DIM	SAME MOUNTING AS 'B4' REFER TO NOTE #4
D8E	LINEAR STRIP LIGHT 7.4' DIFFUSED HIGH OUTPUT W/ EMERGENCY BACKUP MINIMUM OF 90 MIN OPERATION	2.5'W 84.4'L		LED	95W, 12000L, 35K	120	O	NORDEON: BLE12-3500K-UNV-DF2-7.4-BL-DIM	SAME MOUNTING AS 'B4'. FACTORY INSTALLED 600 LUMEN EMERGENCY POWER PACK. VERIFY (EM) FIXTURE PLACEMENT WITH DRAWING E-101 PRIOR TO INSTALLATION. REFER TO NOTE #4
W4	LINEAR STRIP LIGHT 3.7' WALLWASH	2.5'W 44.25'L		LED	34W, 4000L, 35K	120	O	NORDEON: BL4-3500K-UNV-WW-3.7-BL-DIM	SAME MOUNTING AS 'B4'. REFER TO NOTE #4
W6X	LINEAR STRIP LIGHT 5.5' WALLWASH	2.5'W 66.4'L		LED	54W, 6000L, 35K	120	O	NORDEON: BL6-3500K-UNV-WW-5.5-BL-DIM	SAME MOUNTING AS 'B4'. REFER TO NOTE #4
W6	LINEAR STRIP LIGHT 5.5' WALLWASH HIGH OUTPUT	2.5'W 66.4'L		LED	72W, 9000L, 35K	120	O	NORDEON: BL9-3500K-UNV-WW-5.5-BL-DIM	SAME MOUNTING AS 'B4'. REFER TO NOTE #4
W8	LINEAR STRIP LIGHT 7.4' WALLWASH (NOT USED)	2.5'W 84.4'L		LED	72W, 9000L, 35K	120	O	NORDEON: BL9-3500K-UNV-WW-7.4-BL-DIM	SAME MOUNTING AS 'B4'. REFER TO NOTE #4
S1	1.10' SINGLE SPOT MODULE (NOT USED)	2.5'W 22'L		LED	28W, 3000L, 35K	120	O	NORDEON: SK-E 1-28W-935-WB-BL-D-DIM	SAME MOUNTING AS 'B4'. REFER TO NOTE #4

FIXT. NO.	DESCRIPTION	FIXT. SIZE	MTG.	LAMPS TYPE	LAMPS QUANTITY & SIZE	VOLTS/ BLS TYPE	L/L	MANUFACTURER	REMARKS
S1D	1.10' SINGLE SPOT MODULE W/ DIFFUSER	2.5'W 22'L		LED	28W, 3000L, 35K	120	O	NORDEON: SK-E 1-28W-935-WB-BL-D-DIM	SAME MOUNTING AS 'B4'. REFER TO NOTE #4
S2	1.10' DOUBLE SPOT MODULE	2.5'W 22'L		LED	45W, 2X 3000L, 35K	120	O	NORDEON: SK-E-2-45W-935-WB-BL-DIM	SAME MOUNTING AS 'B4'. REFER TO NOTE #4
S2D	1.10' DOUBLE SPOT MODULE W/ DIFFUSER	2.5'W 22'L		LED	45W, 2X 3000L, 35K	120	O	NORDEON: SK-E-2-45W-935-WB-BL-D-DIM	SAME MOUNTING AS 'B4'. REFER TO NOTE #4
EX-B1	UNIVERSAL EXIT - (WALL MTD) STENCIL FACE WITH RED LETTERS	N/A	WL	LED	3.8W	120	N	CREE: BLP000102	BACK MOUNT ON WALL; BATTERY AND CHARGER FOR 90 MIN. OPERATION MOUNT +8'-6" A.F.F. UNLESS OTHERWISE NOTED REFER TO NOTE #3
EX-B2	UNIVERSAL EXIT - (CLG MTD) STENCIL FACE WITH RED LETTERS	N/A	SP/CL	LED	3.8W	120	N	CREE: BLP000102	CEILING OR STEM MOUNT; MOUNTING HEIGHT AS NOTED BATTERY AND CHARGER FOR 90 MIN. OPERATION. REFER TO NOTE #3
EM-X	EXTERIOR EMERGENCY UNIT - SELF CONTAINED BATTERY AND CHARGER FOR 90 MIN. OPERATION	10.5" H. 6.5" W. 3.75" D.	WL	O	(2) 6W	120	N	CREE: EMDECC5	PAINTED PLATINUM SILVER SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT REFER TO NOTE #3
L21	EXTERIOR WALL PACK	3.8"H. 9.3" D. 12" W.	WL	LED	33W , 30K	120-277V	O	CREE: XSPW-B-WM-3ME-4L-30K-UL-CS-P	PAINT PLATINUM SILVER FROM FACTORY - INTEGRAL PHOTOCELL - U.L. LISTED WET LOCATIONS- SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT REFER TO NOTE #3
L22	CANOPY/ SOFFIT SQUARE	15" SQ X 2" H	RE	LED	43W , 30K	120-277V	O	CREE: CPY250-A-DM-F-C-UL-CS-30K	WET LOCATION RATING. PAINT PLATINUM SILVER FROM FACTORY. REFER TO NOTE #3
L25	EXTERIOR WALL SCONCE (NOT USED)	15"H. 10" D. 16" W.	WL	LED	43W , 30K	120 OD(1)	G	CREE: AL-42WLED-UD-CG-120-30K	PAINT SILVER W/GRAY BAND FROM FACTORY - SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT - PROVIDE FIXTURE WITH UP-DOWN LIGHT REFER TO NOTE #3
L24	EXTERIOR ACCENT CYLINDER	18"H. 9" D. 6" W.	WL	LED	29W , 30K	120 OD(1)	G	CREE: CL-20364LEDD-SAT-CLR-SB	PROVIDE FIXTURE WITH UP-DOWN LIGHT AND TOP COVER LENS FOR WET LOCATION LISTING - SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT REFER TO NOTE #3
L25	54" LINEAR WALL GRAZE	54"L. 2.61" H. 2.98" W.	WL	LED	38W , 40K	120 OD(1)	G	EATON: IO PDR80314-0.05V.E.4K LA.BK.WALMT	- SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT AND LOCATIONS - COMPLETE WITH DRIVERS AND NEMA 4 ENCLOSURES AND WALL MT. BRACKETS REFER TO NOTE #5
L31	1 HEAD PARKING LOT LIGHT FIXTURE AND POLE (NOT USED)	25'L. 19" W. 4.8" H.	PL	LED	1 - 112W, 57K	MT OD	G	CREE: (1) OSQ-A-NM-4ME-B-57K-UL-CS OSQ-DA-CS (1) CL-SSP-5011-26-D6-PS-ABL	SQ. STEEL POLE - COMPLETE WITH ALL MOUNTING HARDWARE POLE TO BE PAINTED PLATINUM SILVER. REFER TO NOTE #3 REFER TO NOTE #7
L32a	2 HEAD PARKING LOT LIGHT FIXTURE AND POLE	25'L. 19" W. 4.8" H.	PL	LED	2 - 112W, 57K	MT OD	G	CREE: (2) OSQ-A-NM-4ME-B-57K-UL-CS OSQ-DA-CS (1) CL-SSP-5011-26-D6-PS-ABL	SQ. STEEL POLE - COMPLETE WITH ALL MOUNTING HARDWARE POLE TO BE PAINTED PLATINUM SILVER. REFER TO NOTE #3 REFER TO NOTE #7
L33	3 HEAD PARKING LOT LIGHT FIXTURE AND POLE (NOT USED)	25'L. 19" W. 4.8" H.	PL	LED	3 - 112W, 57K 375 VA	MT OD	G	CREE: (3) OSQ-A-NM-4ME-B-57K-UL-CS OSQ-DA-CS (1) CL-SSP-5011-26-D6-PS-ABL	SQ. STEEL POLE - COMPLETE WITH ALL MOUNTING HARDWARE POLE TO BE PAINTED PLATINUM SILVER. REFER TO NOTE #3 REFER TO NOTE #7
L34	4 HEAD PARKING LOT LIGHT FIXTURE AND POLE	25'L. 19" W. 4.8" H.	PL	LED	4 - 112W, 57K	MT OD	G	CREE: (4) OSQ-A-NM-4ME-B-57K-UL-CS OSQ-DA-CS (1) CL-SSP-5011-26-D6-PS-ABL	SQ. STEEL POLE - COMPLETE WITH ALL MOUNTING HARDWARE POLE TO BE PAINTED PLATINUM SILVER. REFER TO NOTE #3 REFER TO NOTE #7

STRIP FIXTURE MOUNTING NOTES (BACK ROOM):

ALL FIXTURES SHALL BE POSITIONED PER THE DIMENSIONS ON DRAWING A-111.

BACK ROOM:
MOUNT FIXTURES PERPENDICULAR TO ROOF JOISTS WITH SUPPLIED AIRCRAFT CABLE KITS ATTACHED TO BOTTOM OF JOISTS AT 12'-0" AFF

MOUNT FIXTURES PARALLEL TO ROOF JOISTS WITH UNISTRUT ATTACHED AND SECURED TO TOP OF THE BOTTOM CHORD OF JOIST WITH SUPPLIED AIRCRAFT CABLE KITS ATTACHED TO UNISTRUT AT 12'-0" AFF

WIRE TRUNK MOUNTING NOTES (SALES FLOOR - GROUND UP):

ALL FIXTURES SHALL BE POSITIONED PER THE DIMENSIONS ON DRAWING A-111.

SUSPENDED FIXTURE TRUNKS @ 13'-5" A.F.F. TO TOP OF TRUNK (UNLESS OTHERWISE NOTED) WITH SUPPLIED AIRCRAFT CABLE KITS AND SAMMYS SCREWS TO ROOF DECK PER MANUFACTURERS RECOMMENDATIONS. IF FIXTURE RUN INTERFERES WITH A JOIST GIRDER ADJUST LOCATION OF ROW TO ALLOW IT TO RUN THROUGH THE WEB. COORDINATE WITH ALDI CONST. REPRESENTATIVE. REFER TO TRUNK LAYOUT DRAWING FROM NORDEON FOR NUMBER OF CABLES PER ROW AND SPACING.

POWER DROP LOCATIONS ARE NOTED ON THE TRUNK LAYOUT DRAWING. TRUNKS ONLY HAVE POWER FEED ON ONE END OF TRUNK. START EACH ROW FROM THE POWER FEED END CONNECT WIRE HARNESS FROM TRUNK TO TRUNK ON EACH ROW METAL END PLATES ARE TO BE INSTALLED AT THE BEGINNING AND END OF EACH ROW.

FINAL MOUNTING HEIGHT OF FIXTURES ADJACENT TO SALES FLOOR PERIMETER WALLS MUST BE ABOVE OR EQUAL TO SALES FLOOR WALL PAINT LINE.

	Issued:	Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
E		

	Revisions:	Date:
1		
2		
3		
4	ADD 4	10/04/19
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DRAWN BY: T.T./A.B.

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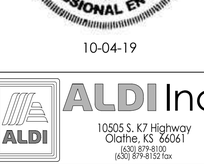
Seal



10-04-19

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Schedules & Diagrams
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

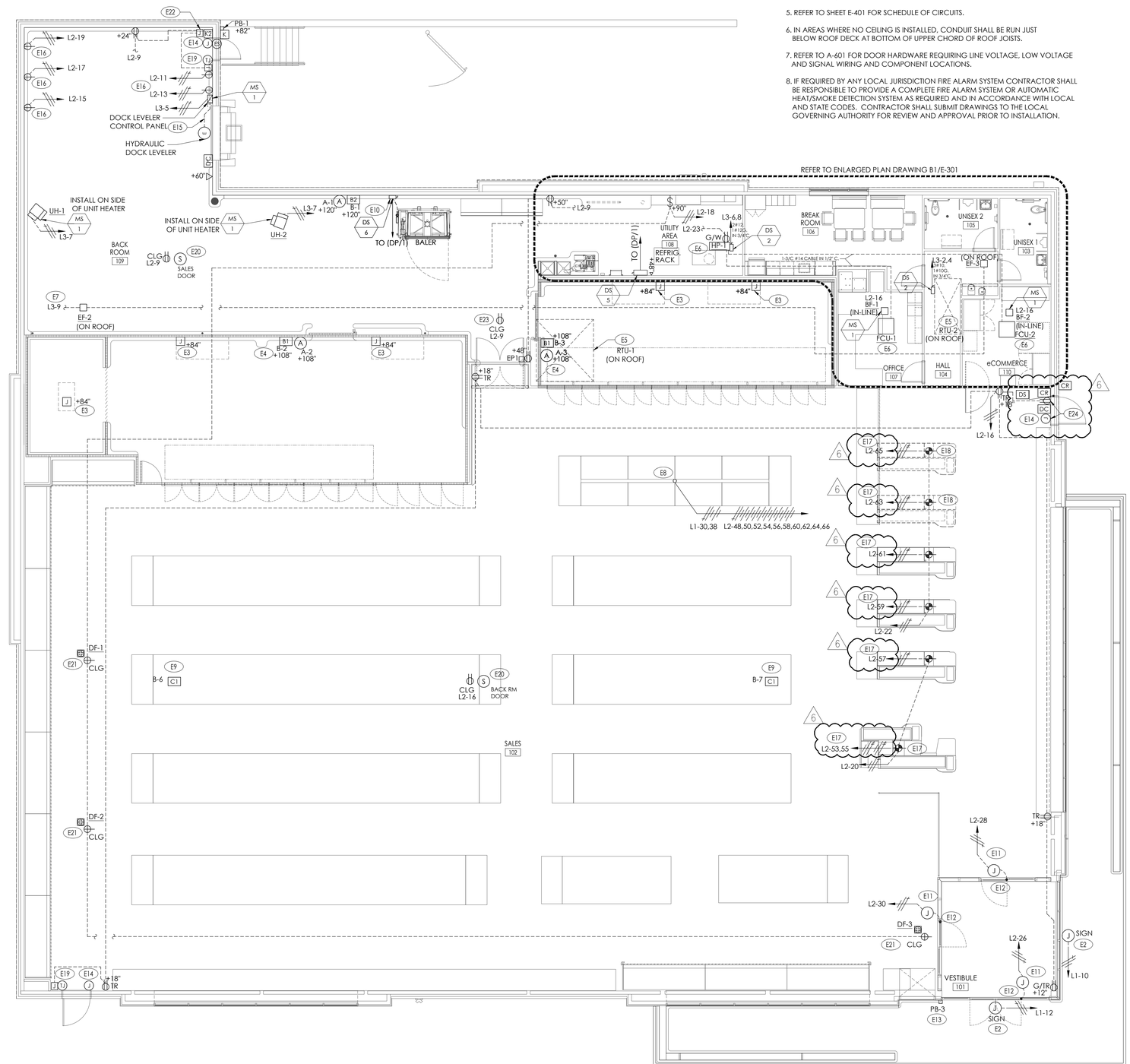
Project No. 1813308

Drawing No. E-102

PLOTTED: 10/2/2019 4:39 PM

GENERAL ELECTRICAL NOTES:

1. ALL HEIGHT DIMENSIONS (e.g. +102") ARE FROM THE FINISHED FLOOR TO THE CENTERLINE OF THE DEVICE.
2. REFER TO SHEET E-001 FOR MATERIAL LIST AND GENERAL INSTALLATION NOTES.
3. REFER TO D1/E-501 FOR BELL AND BUZZER WIRING REQUIREMENTS.
4. REFER TO D1/E-401 FOR ONE-LINE DIAGRAM.
5. REFER TO SHEET E-401 FOR SCHEDULE OF CIRCUITS.
6. IN AREAS WHERE NO CEILING IS INSTALLED, CONDUIT SHALL BE RUN JUST BELOW ROOF DECK AT BOTTOM OF UPPER CHORD OF ROOF JOISTS.
7. REFER TO A-601 FOR DOOR HARDWARE REQUIRING LINE VOLTAGE, LOW VOLTAGE AND SIGNAL WIRING AND COMPONENT LOCATIONS.
8. IF REQUIRED BY ANY LOCAL JURISDICTION FIRE ALARM SYSTEM CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE A COMPLETE FIRE ALARM SYSTEM OR AUTOMATIC HEAT/SMOKE DETECTION SYSTEM AS REQUIRED AND IN ACCORDANCE WITH LOCAL AND STATE CODES. CONTRACTOR SHALL SUBMIT DRAWINGS TO THE LOCAL GOVERNING AUTHORITY FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.



ELECTRICAL PLAN KEYNOTES:

- E1 NOT USED.
- E2 INSTALL JUNCTION BOXES AND BRANCH CIRCUIT FOR LOGO SIGNS. VERIFY LOCATIONS AND REQUIREMENTS WITH GENERAL CONTRACTOR, SIGN INSTALLER AND ARCHITECTURAL ELEVATIONS.
- E3 SURFACE MOUNT JUNCTION BOX WITH 1/2" EMT STUBBED THROUGH TOP OF COOLERS AND FREEZER. SEAL PENETRATION WATERTIGHT USING METHOD APPROVED BY REFRIGERATION CONTRACTOR. CONDUITS PASSING THROUGH COOLER/FREEZER WALLS SHALL BE FILLED AND SEALED PER NEC 300.7
- E4 SEAL ENCLOSURES AND CONDUIT PENETRATIONS THROUGH COOLER AND FREEZER WATERTIGHT USING METHOD APPROVED BY REFRIGERATION CONTRACTOR. CONDUITS PASSING THROUGH COOLER/FREEZER WALLS SHALL BE FILLED AND SEALED PER NEC 300.7
- E5 RTU-1 & RTU-2 MOUNTED ON ROOF. REFER TO C3/E-501, D3/E-501 AND ONE-LINE DIAGRAM ON DRAWING E-401 FOR WIRING REQUIREMENTS.
- E6 FCU-1 & FCU-2 MOUNTED IN CEILING SPACE AND HP-1 MOUNTED IN JOIST SPACE PER H-101. REFER TO MECHANICAL DRAWINGS FOR LOCATION.
- E7 SWITCH EF-3 AND EF-2 WITH EMS SYSTEM THROUGH CONTACTOR ENCLOSURE. REFER TO CONTROL DIAGRAM D1/E-102.
- E8 LOCATE POWER POLE ABOVE SPOT MERCHANDISER. REFER TO DETAIL B3/E-502 FOR INSTALLATION REQUIREMENTS.
- E9 SALES FLOOR CHIMES SHALL BE MOUNTED IN THE WALL MOUNT (VERTICAL) POSITION TO SIDE OF JOIST GIRDER IN LOCATIONS INDICATED. CHIMES WILL NOT OPERATE IN CEILING MOUNT POSITION (HORIZONTAL). REFER TO D1/E-501 FOR BELL AND BUZZER WIRING DIAGRAM.
- E10 PROVIDE FLEXIBLE CONDUIT BETWEEN DISCONNECT AND BALER LONG ENOUGH TO MOVE BALER 3' FROM WALL. ANCHOR DISCONNECT SECURELY TO FRAMING INSIDE WALL. FIELD VERIFY DISCONNECT LOCATION WITH EQUIPMENT POWER FEED PRIOR TO ROUGH-IN.
- E11 E.C. SHALL INSTALL JUNCTION BOX ABOVE DOOR IN ENTRY AREA. EXTEND FLEXIBLE CONDUIT AND CONDUCTORS THROUGH MULLION TO DOOR OPERATOR LOCATION. CONNECTION TO OPERATOR BY E.C.
- E12 VERIFY LOCATION OF DOOR OPERATOR IN ENTRY AREA WITH DOOR SUPPLIER FOR CONDUIT INSTALLATION.
- E13 INSTALL PB-3 AT +82" IN THE ALUMINUM DOOR JAMB PERPENDICULAR TO GLASS IN LOCATION SHOWN. VERIFY EXACT LOCATION WITH ALDI REP.
- E14 FOR SECURITY ROUGH-IN FOR CONDUIT AND JUNCTION BOX REQUIREMENTS AT DOORS, REFER TO ARCHITECTURAL INTERIOR ELEVATIONS. INSTALL JUNCTION BOXES AND CONDUIT AS REQUIRED. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT FOR SECURITY AND FIRE ALARM SYSTEM. COORDINATE FINAL BOX AND CONDUIT REQUIREMENTS WITH ALARM CONTRACTORS. SECURITY AND FIRE ALARM WIRING FURNISHED AND INSTALLED BY ALARM CONTRACTORS ALL DETEX WIRING BY E.C.
- E15 PROVIDE 1-1/2" CONDUIT CONCEALED IN CONCRETE FROM CONTROL PANEL TO DOCK LEVELER. COORDINATE WITH EQUIPMENT INSTALLER. REFER TO ARCHITECTURAL DRAWINGS FOR OVERHEAD DOOR SILL DETAIL.
- E16 INSTALL SIMPLEX RECEPTACLES 48" A.F.F. FOR BATTERY CHARGERS. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR LOCATIONS
- 6 E17 PROVIDE ISOLATED GROUND CIRCUITS AS INDICATED FOR CHECKOUT P.O.S. SYSTEM.
- E18 INSTALL JUNCTION BOXES WITH ISOLATED GROUND P.O.S. CIRCUIT AND CONVEYOR CIRCUIT AS HIGH AS POSSIBLE FOR FUTURE CHECKOUT INSTALLATION. LABEL CIRCUITS AND TERMINATE IN JUNCTION BOXES ABOVE FUTURE CHECKOUT(S).
- E19 PROVIDE 120V CONNECTION FROM CONVENIENCE RECEPTACLE BRANCH CIRCUIT TO DETEX TRANSFORMER SUPPLIED BY G.C.. INSTALL TRANSFORMER IN SURFACE MOUNTED 4 SQ. JUNCTION BOX JUST BELOW ROOF DECK AND PROVIDE 3/4" CONDUIT CONCEALED IN WALL TO JUNCTION BOX IN DOOR FRAME FOR LOW VOLTAGE CABLING. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR BOX AND CONDUIT LOCATIONS. PROVIDE ALL BOXES, CONDUIT AND WIRING REQUIRED FOR DETEX DOOR ALARMS PER MANUFACTURERS INSTRUCTIONS. REFER TO DETAIL B2/E-501.
- E20 INSTALL REMOTE SOUNDER SUPPLIED BY G.C. TO BOTTOM OF BAR JOIST IN LOCATIONS INDICATED FOR DETEX DOOR ALARM . PROVIDE RECEPTACLE AT TOP CHORD OF ROOF JOIST FOR REMOTE SOUNDER POWER CONNECTED TO CONVENIENCE RECEPTACLE CIRCUIT INDICATED. PROVIDE 3/4" CONDUIT CONCEALED IN WALL BETWEEN JUNCTION BOX IN DOOR FRAME AND WHERE SIGNAL WIRE CAN BE CONCEALED IN ROOF STRUCTURE. RUN SIGNAL WIRE TO REMOTE SOUNDER LOCATION AND CONCEAL IN ROOF JOISTS. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR BOX AND CONDUIT LOCATIONS. PROVIDE ALL BOXES, CONDUIT AND WIRING REQUIRED FOR DETEX DOOR ALARMS PER MANUFACTURERS INSTRUCTIONS. REFER TO DETAIL B2/E-501.
- E21 PROVIDE A NEMA L5-15 RECEPTACLE MOUNTED AT ROOF DECK ELEVATION ADJACENT TO FAN. PROVIDE MATCHING CORD AND PLUG ON FAN.
- E22 PROVIDE 120V CONNECTION FROM CONVENIENCE RECEPTACLE BRANCH CIRCUIT TO DETEX POWER SUPPLY SUPPLIED BY G.C.. INSTALL JUST BELOW ROOF DECK AND PROVIDE 3/4" CONDUIT CONCEALED IN WALL TO JUNCTION BOX FOR KEYPAD AND JUNCTION BOX IN DOOR FRAME FOR LOW VOLTAGE CABLING. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR BOX AND CONDUIT LOCATIONS. PROVIDE ALL BOXES, CONDUIT AND WIRING REQUIRED FOR ELECTRIC STRIKE PER MANUFACTURERS INSTRUCTIONS. REFER TO DETAIL B3/E-501.
- E23 PROVIDE DUPLEX RECEPTACLE MOUNTED AT ROOF DECK ELEVATION FOR PROJECTOR. COORDINATE LOCATION WITH ALDI REP AND G.C. PRIOR TO ROUGH IN.
- 6 E24 PROVIDE 4" SQUARE DEEP JUNCTION BOX MOUNTED ABOVE EXTERIOR E-COMMERCE DOOR AT ROOF DECK. FROM JUNCTION BOX INSTALL 3/4" CONDUIT TO ABOVE E-COMMERCE CEILING AND (4) 1/2" CONDUITS TO DOOR DEVICES SHOWN. PRIOR TO ROUGH-IN, COORDINATE LOCATION OF DUPLEX RECEPTACLE WITH DOOR OPERATOR INSTALLATION INSTRUCTIONS AND ALL OTHER DOOR DEVICES WITH SECURITY SYSTEM INSTALLER AND ALDI REP.

D1 Electrical Plan
SCALE: 1/8" = 1'-0"

NORTH

PLOTTED: 11/25/2019 10:57 AM

Issued:		Date:
A	Client Review	02/14/18
B	Permit Set	06/25/19
C	Bid Set	06/25/19
D		
E		

Revisions:		Date:
1	ADD 1	07/12/19
2		
3		
4	ADD 4	10/04/19
5		
6	CCD 1	11/25/19
7		
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DRAWN BY: T.T./A.B.

REVIEWED BY: T.T.

Seal

STATE OF MISSOURI
RAMESH MIRCHANDANI
NUMBER PE-2004018131
PROFESSIONAL ENGINEER

11/25/19

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
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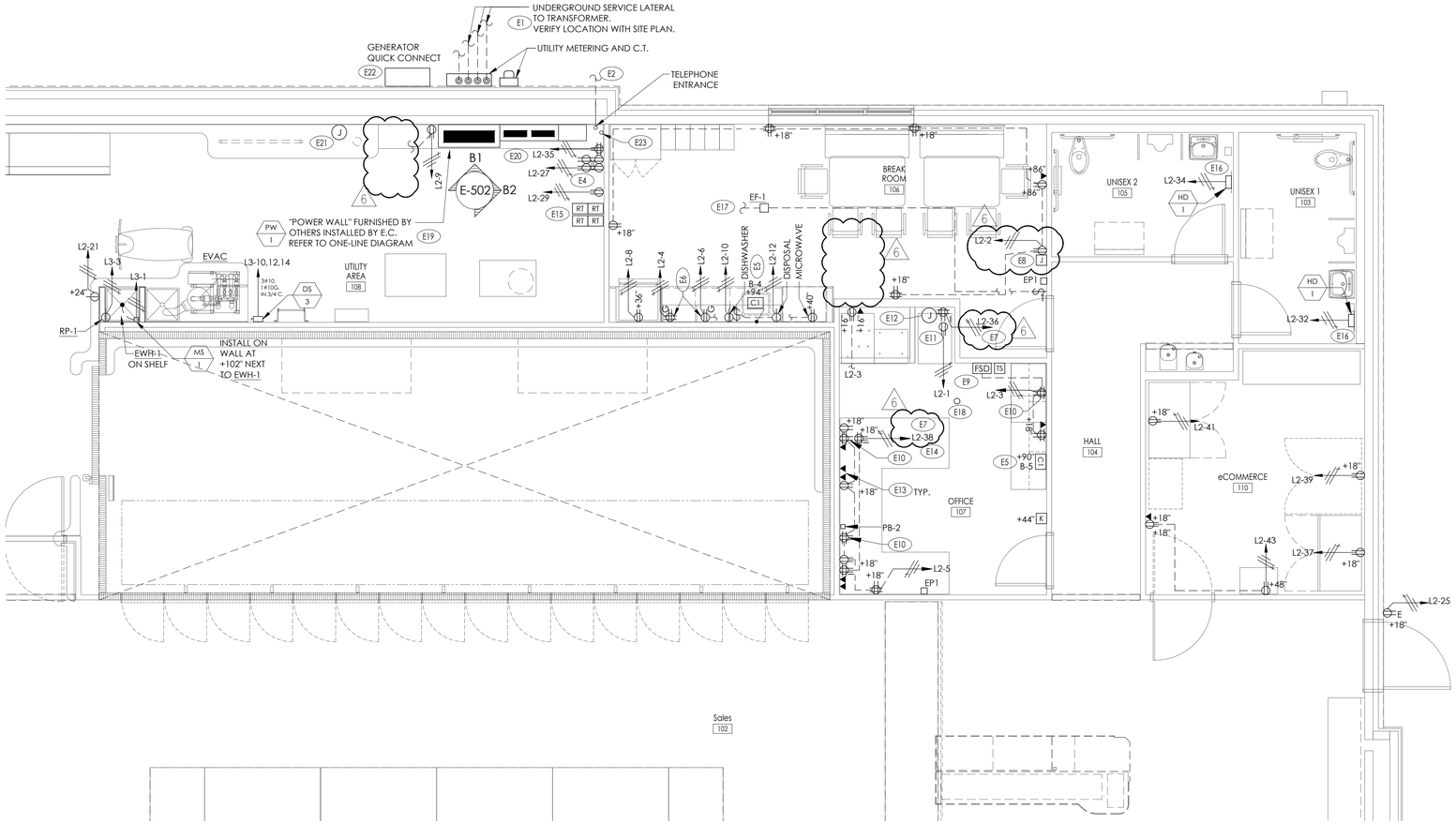
ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Electrical Plan
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

E-201
Drawing No.



Enlarged Plan
Office, Break Room and Utility

B1

SCALE: 1/4" = 1'-0"

NORTH

ENLARGED PLAN KEYNOTES

E1 ELECTRICAL SERVICE ENTRANCE REFER TO ONE-LINE DIAGRAM D1/E-401. FULLY COORDINATE METERING AND CONDUIT REQUIREMENTS WITH UTILITY COMPANY PRIOR TO BID.

E2 E.C. SHALL PROVIDE 3" MINIMUM PVC CONDUIT UNDERGROUND FOR TELEPHONE. EXTEND RGS CONDUIT A MINIMUM OF 10'-0" HORIZONTAL FROM BUILDING. VERIFY LOCATION AND EXACT REQUIREMENTS WITH TELEPHONE COMPANY. EXTEND CONDUIT 6" ABOVE PALLET CURB AND INSTALL INSULATED BUSHING. BOND TO GROUND BAR IN (DP/1) WITH 1#6 BARE COPPER GROUND.

E3 NOT USED.

E4 LOCAITE TWO RECEPTACLES SPACED 6" ON CENTER AT 9'-0" A.F.F. AND TWO RECEPTACLES SPACED 6" ON CENTER 9'-6" FOR SECURITY SYSTEM POWER PACKS. COORDINATE LOCATION WITH SECURITY SYSTEM INSTALLER PRIOR TO ROUGH-IN. REFER TO UTILITY AREA ELEVATIONS B2/E502.

E5 CHIME SHALL BE SURFACE MOUNTED IN LOCATION INDICATED PER MANUFACTURERS RECOMMENDATIONS. REFER TO D1/E-501 FOR BELL AND BUZZER WIRING DIAGRAM AND E-001 FOR MATERIALS LIST.

E6 RECEPTACLES TO BE INSTALLED ABOVE COUNTER IN BREAK ROOM. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS. FIELD VERIFY WITH LOCATION OF COUNTER PRIOR TO ROUGH-IN.

E7 PROVIDE ISOLATED GROUND CIRCUITS FOR COMPUTER EQUIPMENT AS INDICATED.

E8 PROVIDE DUPLEX RECEPTACLE AND SINGLE GANG JUNCTION BOX WITH 3/4" CONDUIT TO ABOVE CEILING FOR TIME CLOCK. RECEPTACLE AND JUNCTION BOX SHALL BE MOUNTED IN FLAT PANEL CONNECTION ENCLOSURE HUBBELL #NSAV62M WITH #NSAV6C COVER. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR LOCATION.

E9 FACILITY STATUS DISPLAY. PROVIDE 3/4" CONDUIT TO ABOVE CEILING FOR COMM. WIRING.

E10 RECEPTACLES TO BE INSTALLED ABOVE COUNTER IN OFFICE. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS. FIELD VERIFY WITH LOCATION OF COUNTER PRIOR TO ROUGH-IN.

E11 JUNCTION BOX AND RECEPTACLE LOCATION IN IT RACK ALCOVE SHALL LOCATED SO THAT THEY ARE NOT OBSTRUCTED BY RACK FRAMING AND BRACING. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR COORDINATION. COMPUTER/SCANNER CABLES AND INSTALLATION SHALL BE BY OTHERS.

E12 PROVIDE 10"X10"X4" RECESSED BOX WITH (3) THREE 2" CONDUITS TO ABOVE CEILING. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR BOX AND RECEPTACLE LOCATIONS.

E13 PROVIDE SINGLE GANG BOX AND 3/4" CONDUIT TO ABOVE CEILING FOR CABLING, REFER TO ARCHITECTURAL INTERIOR ELEVATIONS.

E14 REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR COORDINATION OF COMPUTER OUTLET AND RECEPTACLE LOCATIONS. COMPUTER/SCANNER CABLES AND INSTALLATION SHALL BE BY OTHERS.

E15 DUCT SMOKE REMOTE TEST STATIONS SHALL BE LOCATED ADJACENT TO FIRE ALARM PANEL. COORDINATE LOCATIONS WITH FIRE ALARM SYSTEM INSTALLER PRIOR TO ROUGH-IN. REFER TO C2/E501 FOR WIRING.

E16 INSTALL (HD/1) HAND DRYER IN RESTROOM. REFER TO ARCHITECTURAL INTERIOR ELEVATION FOR LOCATION AND MOUNTING HEIGHT.

E17 SWITCH EF-1 IN BREAK ROOM WITH A DIGITAL TIMER SWITCH SWITCH SET TO 30 MIN TIME DELAY. PROVIDE POWER TO EF-1 FROM LIGHTING CIRCUIT.

E18 PROVIDE 2" RIGID GALVANIZED STEEL CONDUIT FROM 2' BELOW ROOF DECK UP THROUGH ROOF. PROVIDE WEATHER HEAD AT CONDUIT END MOUNTED A MINIMUM OF 1' ABOVE ROOF LINE. FIELD VERIFY EXACT LOCATION OF PENETRATION PRIOR TO INSTALLATION. E.C. SHALL COORDINATE FLASHING REQUIREMENTS WITH ROOFING MANUFACTURER.

E19 REFER TO EMS DRAWINGS FOR ADDITIONAL INFORMATION ON EMS DEVICES MOUNTED IN POWERWALL. REFER TO UTILITY AREA ELEVATIONS B1/E502.

E20 ELECTRICAL CONTRACTOR SHALL PROVIDE 17" DIAMETER ELECTRICAL CLEARANCE WARNING LABEL AS DISTRIBUTED BY EMEDCO; SKU: JFD1845. COORDINATE INSTALLATION LOCATION WITH ARCHITECTURAL DRAWINGS AND G.C.

E21 PROVIDE 4" SQ BOX AT SPRINKLER RISER WITH 3/4" CONDUIT TO ROOF DECK FOR TAMPER SWITCH. COORDINATE LOCATION AND REQUIREMENTS WITH ALARM INSTALLER PRIOR TO ROUGH-IN.

E22 FULLY COORDINATE GENERATOR CONNECTION REQUIREMENTS AND RECEIVE APPROVAL FROM UTILITY COMPANY AND ALDI REP. VERIFY FINAL LOCATION OF GENERATOR CONNECTION BOX WITH ALDI REP PRIOR TO INSTALLATION. REFER TO ONE-LINE DIAGRAM D1/E-401.

E23 PROVIDE 1 1/4"C. AND BUSHINGS AT EACH END FROM DEMARC. TO BELOW ROOF DECK. VERIFY LOCATION AND CONDUIT REQUIREMENTS WITH ALDI REP. PRIOR TO ROUGH-IN. REFER TO UITILITY AREA ELEVATIONS B2/E-502.

Issued:		Date:
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Revisions:		Date:
1	ADD 1	07/12/19
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3	ADD 3	08/19/19
4	ADD 4	10/04/19
5	ADD 5	10/23/19
6	CCD 1	11/25/19
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DRAWN BY: T.T./A.B.

REVIEWED BY: T.T.

Seal

11/25/19

ALDI Inc.
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ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Enlarged Plan
Drawing Name:

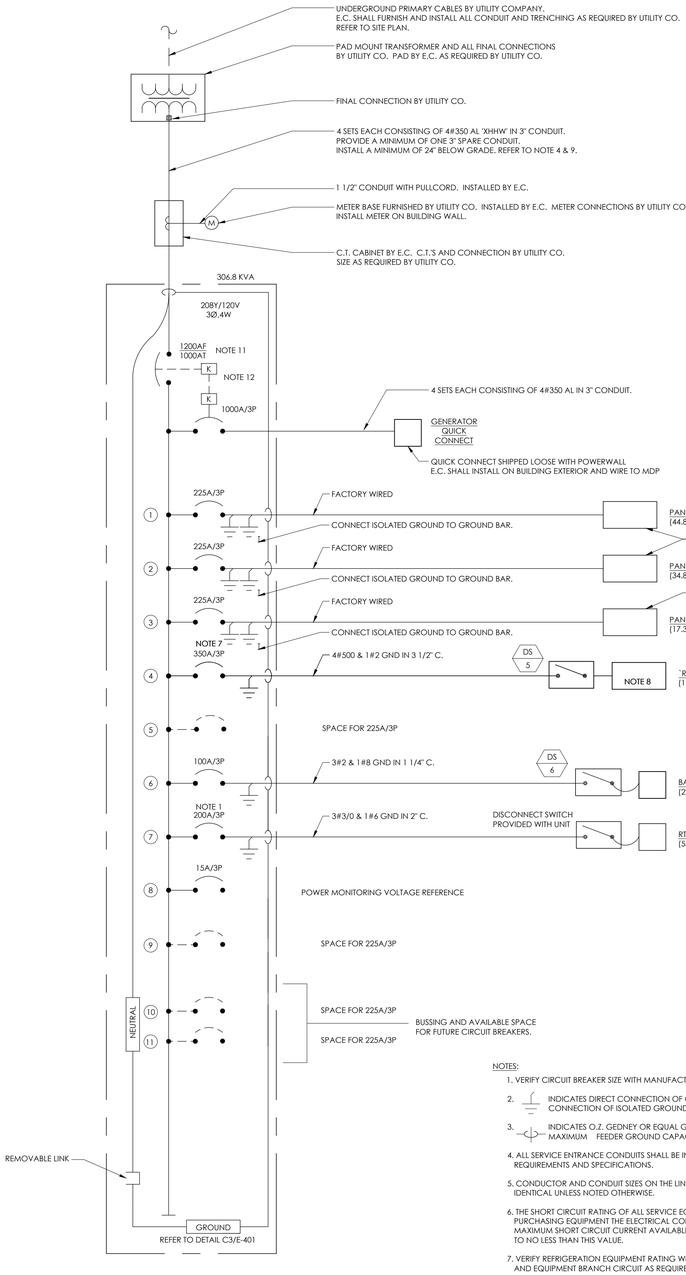
Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

E-301
Drawing No.

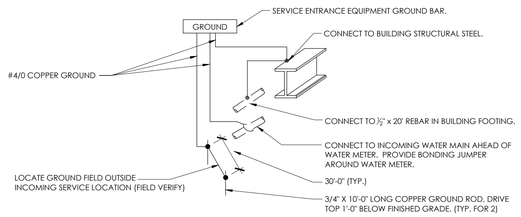
PLOTTED: 11/21/2019 12:05 PM

ELECTRICAL LOAD CALCULATION				
LOAD DESCRIPTION	CONNECTED LOAD VA	DEMAND FACTOR	DEMAND LOAD VA	
LIGHTING (INDOOR AND OUTDOOR) AND SIGNAGE	35476	1.25	44345	
RECEPTACLE (12500VA)				
FIRST 10000 VA	10000	1	10000	
REMAINING	2500	0.5	1250	
MISC EQUIPMENT	25354	0.75	19016	
REFRIGERATION SYSTEM	122700	1	122700	
AIR CONDITIONING SYSTEM	63175	1	63175	
MOTOR	22300	1	22300	
ELECTRICA WATER HEATER	2000	1	2000	
TOTAL VA	283505		284786	
ESTIMATED DEMAND LOAD KVA			**284.8**	**KVA**
ESTIMATED DEMAND LOAD AMPS @208V, 3PH			**790.5**	**AMPS**



D1 One-Line Diagram

SCALE: None



C3 Service Entrance Grounding Detail

SCALE: None

NOTES:

1. VERIFY CIRCUIT BREAKER SIZE WITH MANUFACTURER'S DATA RECOMMENDATIONS. BREAKER SHALL BE HACR RATED.
2. INDICATES DIRECT CONNECTION OF GROUND CONDUCTOR TO GROUND BUS. SUBSCRIPT 'T' INDICATES DIRECT CONNECTION OF ISOLATED GROUND CONDUCTOR TO ISOLATED GROUND BUS.
3. INDICATES O.Z. GEDNEY OR EQUAL GROUND BUSHING BONDED TO GROUND BUS WITH CONDUCTOR SIZED TO MAXIMUM FEEDER GROUND CAPACITY.
4. ALL SERVICE ENTRANCE CONDUITS SHALL BE INSTALLED IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS, NEC REQUIREMENTS AND SPECIFICATIONS.
5. CONDUCTOR AND CONDUIT SIZES ON THE LINE AND LOAD SIDES OF ALL NON-FUSIBLE DISCONNECT SWITCHES SHALL BE IDENTICAL UNLESS NOTED OTHERWISE.
6. THE SHORT CIRCUIT RATING OF ALL SERVICE EQUIPMENT AND PANEL BOARDS SHALL BE NOT LESS THAN 65,000 AIC. BEFORE PURCHASING EQUIPMENT THE ELECTRICAL CONTRACTOR SHALL CONTACT THE POWER CO. AND OBTAIN IN WRITING THE MAXIMUM SHORT CIRCUIT CURRENT AVAILABLE AT THE POINT OF SERVICE. ALL EQUIPMENT SHALL BE RATED AND COORDINATED TO NO LESS THAN THIS VALUE.
7. VERIFY REFRIGERATION EQUIPMENT RATING WITH REFRIGERATION CONTRACTOR; MODIFY ASSOCIATED CIRCUIT BREAKER RATING AND EQUIPMENT BRANCH CIRCUIT AS REQUIRED.
8. ELECTRICAL CONTRACTOR ONLY FURNISHES, INSTALLS, AND TERMINATES THE FEEDER FROM DP/1 TO DISCONNECT SWITCH. CONNECTION FROM DISCONNECT SWITCH TO REFRIGERATION EQUIPMENT BY REFRIGERATION INSTALLER. ALL BRANCH WIRING FROM REFRIGERATION RACK TO BE FURNISHED AND INSTALLED BY REFRIGERATION INSTALLER.
9. SERVICE ENTRANCE FEEDER REQUIREMENTS SHOWN ARE MINIMUM REQUIREMENTS. E.C. SHALL FULLY COORDINATE SERVICE ENTRANCE ROUTING AND CONDUIT REQUIREMENTS WITH UTILITY COMPANY PRIOR TO BID.
10. E.C. SHALL COORDINATE AND APPLY FOR ALL SERVICE REQUESTS FROM UTILITY COMPANY AS EARLY AS POSSIBLE TO AVOID DELAYS IN OBTAINING SERVICE.
11. ELECTRICAL SERVICE ENTRANCE BREAKER SHALL COMPLY WITH NEC 240.87 FOR ARC ENERGY REDUCTION.
12. ELECTRICAL CONTRACTOR SHALL RECEIVE APPROVAL FROM UTILITY COMPANY FOR KIRK-KEY INTERLOCK SCHEME FOR GENERATOR CONNECTION. COORDINATE ALL REQUIREMENTS WITH UTILITY COMPANY AND ALDI REP.

MAIN BUS: 225 AMP M.L.O | VOLTAGE: 208Y/120 VOLTS, 3 PHASE, 4WIRE, AND ISOLATED GND | MIN. AIC: 65,000A | TYPE: LIGHTING, RECEPTACLE & EQUIPMENT

PANELBOARD SCHEDULE L1

UTILITY ROOM : LOCATION | SURFACE: MOUNTING | REFER TO ONE-LINE: SOURCE | REFER TO ONE-LINE: FEEDER

	CKT	AMP	P	WIRE	LOAD	LTG.	RECEP.	EQUIP.	OTHER	PH	OTHER	EQUIP.	RECEP.	LTG.	LOAD	WIRE	P	AMP	CKT	
HL	1	20	1	#10	Night Lighting & Sales Area Exits	308				A				100	CPC I/O Panel & Siemens (EMS-2)	#12	1	15	2	
CC	3	20	1	#10	Sales Area Lighting (Produce)	888				B				660	Lights Office, Breakroom, Toilets	#12	1	20	4	
CC	5	20	1	#10	Sales Area Lighting (Rear Aisle)	909				C				902	Lights Backroom	#10	1	20	6	
CC	7	20	1	#10	Sales Area Lighting (Aisle 5)	1376				A					Spare		1	20	8	
CC	9	20	1	#10	Sales Area Lighting (Aisle 4)	1505				B				420	Canopy Tower Sign	#10	1	20	10	CC
CC	11	20	1	#10	Sales Area Lighting (Aisle 3)	1433				C				420	Canopy Tower Sign	#10	1	20	12	CC
CC	13	20	1	#10	Sales Area Lighting (Aisle 2)	1533				A				572	Exterior Up Lighting	#10	1	20	14	CC
CC	15	20	1	#10	Sales Area Lighting (Aisle 1)	1576				B				528	Pylon/Monument Sign	#8	1	20	16	CC
CC	17	20	1	#10	Sales Area Lighting (Front Aisle)	1558				C				204	Exterior Building Lights	#10	1	20	18	
CC	19	20	1	#10	Sales Area Lighting (Checkout)	1261				A				532	Entry Area Lights	#10	1	20	20	CC
CC	21	20	1	#10	Sales Area Lighting (Checkout)	988				B				543	Sales Area Graphic Wall Up-Lighting	#10	1	20	22	CC
CC	23	20	1	#10	Sales Area Illuminated Sign Boxes	1296				C				490	Freezer/Cooler Interior Lights	#12	1	20	24	
CC	25	20	1	#10	Sales Area Illuminated Sign Boxes	1728				A				924	Freezer LED Door Lights	#12	1	20	26	CC
CC	27	20	1	#10	Sales Area Illuminated Sign Boxes	1296				B				588	Cooler LED Door Lights	#12	1	20	28	CC
CC	29	20	1	#10	Sales Area Illuminated Sign Boxes	1772				C				240	Spot Merchandiser Lights	#10	1	20	30	CC/**
CC	31	20	1	#10	Illuminated Welcome Sign Box	960								1080	**Gondola Accent Light (Receptacles)**	#10	1	20	32	CC
CC	33	20	1	#10	Sales Area Illuminated Sign Boxes	1728								1260	**Gondola Accent Light (Receptacles)**	#10	1	20	34	CC
	35	20	1		Spare										Spare		1	20	36	
	37	20	1		Spare									260	Spot Merchandiser Lights	#10	1	20	38	CC/**
	39	20	1		Spare									1200	Message Tower Lighting		1	20	40	CC
	41	20	1		Spare										Spare		1	20	42	
CC	43	20	2	#8	Parking Site Lighting	896				A					Spare		1	20	44	
CC	45									B					Spare		1	20	46	
CC	47	20	2	#8	Parking Site Lighting	672				C					Spare		1	20	48	
CC	49									A					Spare		1	20	50	
CC	51	20	2	#8	Parking Site Lighting "Safety Light"	500				B					**Spare**		1	20	52	
CC	53						0	0	0	C	0	0	0	100	Siemens EMS Lighting Control (EMS-1)	#12	1	15	54	
LOAD TOTALS: VA						24183	0	0	0		0	0	0	11043	VA: LOAD TOTALS					
TOTALS WITH NEC FACTORS: VA						30229	0	0	0		0	0	0	13804	VA: TOTALS WITH NEC FACTORS					
TOTAL CONNECTED LOAD WITH NEC FACTORS: VA						44.0 KVA 122.2 AMPS at 208 Volts 3 Phase														

MAIN BUS: 225 AMP M.L.O | VOLTAGE: 208Y/120 VOLTS, 3 PHASE, 4WIRE, AND ISOLATED GND | MIN. AIC: 65,000A | TYPE: LIGHTING, RECEPTACLE & EQUIPMENT

PANELBOARD SCHEDULE L2

UTILITY ROOM : LOCATION | SURFACE: MOUNTING | REFER TO ONE-LINE: SOURCE | REFER TO ONE-LINE: FEEDER

	CKT	AMP	P	WIRE	LOAD	LTG.	RECEP.	EQUIP.	OTHER	PH	OTHER	EQUIP.	RECEP.	LTG.	LOAD	WIRE	P	AMP	CKT	
	1	20	1	#12	Office, IT Rack Receptacle		200			A			1200		Breakroom General Recep/Timeclock	#12	1	20	2	
	3	20	1	#12	Office Counter Rec./Smart Safe/FSD		1000			B			400		Breakroom Counter GFI Receptacles	#12	1	20	4	
	5	20	1	#12	Office Counter Receptacles		1600			C			600		Breakroom Counter GFI Receptacles	#12	1	20	6	
	7	20	1	#10	Spare					A		800			Breakroom Refrigerator	#12	1	20	8	
	9	20	1	#12	Backroom, Utility Area Receptacles		800			B		1320			Breakroom Dishwasher	#12	1	20	10	
	11	20	1	#10	Lift Charger			1200		C		1152			Breakroom Garbage Disposal	#12	1	20	12	
	13	20	1	#10	Lift Charger			1200		A					Spare		1	20	14	
	15	20	1	#10	Lift Charger			1200		B			1000		Vestibule GFI & Sales Receptacles	#12	1	20	16	
	17	20	1	#10	Lift Charger			1200		C		155			Sales Area Destrat Fans	#12	1	20	18	
	19	20	1	#10	Lift Charger			1200		A			600		Checkout Conveyors	#12	1	20	20	
	21	20	1	#10	Floor Scrubber Charger			1900		B			600		Checkout Conveyors	#12	1	20	22	
	23	15	1	#12	Rooftop Unit Receptacles & Lights	250	400			C					Spare		1	20	24	
	25	15	1	#12	Exterior GFI Receptacle		200			A		600			Auto Door	#10	1	20	26	
HL	27	20	1	#12	Security System Receptacles		800			B		600			Auto Door	#10	1	20	28	
HL	29	20	1	#12	Fire Alarm System Receptacles		400			C		600			Auto Door	#10	1	20	30	
HL	31	15	1	#12	RTU Smoke Detectors		200			A		1000			Unisex 1 103 Hand Dryer (HD-1)	#10	1	20	32	
	33	15	1	#12	Buzzer Bell Transformer		100			B		1000			Unisex 2 105 Hand Dryer (HD-1)	#10	1	20	34	
	35	20	1	#12	Tele. Demarc Receptacle		400			C			400		Office, IT Rack Receptacle	#12	1	20	36	IG
	37	20	1	#12	Ecommerce Room Fridge			1150		A			800		Office Counter Receptacles	#12	1	20	38	IG
	39	20	1	#12	Ecommerce Room Fridge			1150		B					Spare		1	20	40	
	41	20	1	#12	Ecommerce Room Fridge			1150		C					Spare		1	20	42	
	43	20	1	#12	Ecommerce Room Outlets		400			A					Spare		1	20	44	
	45	20	1		Spare					B					Spare		1	20	46	
	47	20	1		Spare					C		430			Spot Merchandiser	#10	1	15	48	**
	49	20	1		Spare					A		430			Spot Merchandiser	#10	1	15	50	**
	51	20	1		Spare					B		430			Spot Merchandiser	#10	1	15	52	**
IG	53	20	1	#12	Checkout P.O.S. System		800			C		430			Spot Merchandiser	#10	1	15	54	**
IG	55	20	1	#12	Checkout P.O.S. System		800			A		430			Spot Merchandiser	#10	1	15	56	**
IG	57	20	1	#12	Checkout P.O.S. System		800			B		430			Spot Merchandiser	#10	1	15	58	**
IG	59	20	1	#12	Checkout P.O.S. System		800			C		430			Spot Merchandiser	#10	1	15	60	**
IG	61	20	1	#12	Checkout P.O.S. System		800			A		430			Spot Merchandiser	#10	1	15	62	**
IG	63	20	1	#12	Checkout P.O.S. System (Future)		800			B		430			Spot Merchandiser	#10	1	15	64	**
IG	65	20	1	#12	Checkout P.O.S. System (Future)		800			C	0	430	0	0	Spot Merchandiser	#10	1	15	66	**
LOAD TOTALS: VA						250	12100	11350	####		0	11527	5600	0	VA: LOAD TOTALS					
TOTALS WITH NEC FACTORS: VA						313	12100	11350	####		0	11527	5600	0	VA: TOTALS WITH NEC FACTORS					
TOTAL CONNECTED LOAD WITH NEC FACTORS: VA						40.9 KVA 113.5 AMPS at 208 Volts 3 Phase														

MAIN BUS: 225 AMP M.L.O | VOLTAGE: 208Y/120 VOLTS, 3 PHASE, 4WIRE, AND ISOLATED GND | MIN. AIC: 65,000A | TYPE: LIGHTING, RECEPTACLE & EQUIPMENT

PANELBOARD SCHEDULE L3

UTILITY ROOM : LOCATION | SURFACE: MOUNTING | REFER TO ONE-LINE: SOURCE | REFER TO ONE-LINE: FEEDER

	CKT	AMP	P	WIRE	LOAD	LTG.	RECEP.	EQUIP.	OTHER	PH	OTHER	EQUIP.	RECEP.	LTG.	LOAD	WIRE	P	AMP	CKT
	1	25	1	#10	Electric Water Heater (EWH-1)			2000		A		4400			Roof Top Unit (RTU-2)	#10	2	30	2
	3	20	1	#12	Water Recirc Pump (RP-1)			75		B									4
	5	20	1	#12	Dock Load Leveler			600		C		2975			Split System (HP-1/FCU-1 & FCU-2)	#12	2	20	6
	7	20	1	#12	Unit Heaters (UH-1) & (UH-2)			1069		A									8
CC	9	20	1	#12	Exhaust Fan (EF-2) Backroom, (EF-3) Rest. RM			733		B									10
	11	20	1		Spare					C		5800			Condensate EVAC	#10	3	20	12
	13	20	1		Spare					A									14
	15	20	1		Spare					B					Spare		1	20	16
	17	20	1		Spare					C					Spare		1	20	18
	19	20	1		Spare					A					Spare		1	20	20
	21	20	1		Spare					B					Spare		1	20	22
	23	20	1		Spare					C					Spare		1	20	24
	25	20	1		Spare					A					Spare		1	20	26
	27	20	1		Spare					B					Spare		1	20	28
	29	20	1		Spare					C					Spare		1	20	30
	31	20	1		Spare					A					Spare		1	20	32
	33	20	1		Spare					B					Spare		1	20	34
	35	20	1		Spare					C					Spare		1	20	36
	37	20	1		Spare					A					Spare		1	20	38
	39	20	1		Spare					B					Spare		1	20	40
	41	20	1		Spare	0	0		0	C	0		0	0	Spare		1	20	42
LOAD TOTALS: VA						0	0	4477	0		0	13175	0	0	VA: LOAD TOTALS				
TOTALS WITH NEC FACTORS: VA						0	0	4477	0		0	13175	0	0	VA: TOTALS WITH NEC FACTORS				
TOTAL CONNECTED LOAD WITH NEC FACTORS: VA						17.7 KVA 49.0 AMPS at 208 Volts 3 Phase													

HL FURNISH WITH HANDLE LOCK
CC ROUTE THROUGH CPC CONTACTOR ENCLOSURE. REFER TO DETAIL D1/E-102.
IG CONNECT CIRCUIT GROUND CONDUCTOR TO ISOLATED GROUND BUS.
** PROVIDE GFEP TYPE CIRCUIT BREAKER RATING AS INDICATED

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C	Bid Set	06/25/19
D		
E		

Revisions:		Date:	
1	ADD 1	07/12/19	
2			
3			
4	ADD 4	10/04/19	
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DRAWN BY: T.T./A.B.

REVIEWED BY: T.T.

Seal

11/25/19

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

One-Line Diagram & Schedules

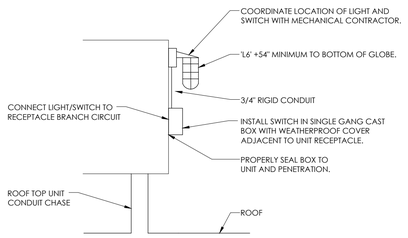
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

Drawing No. E-401

PLOTTED: 11/21/2019 12:06 PM

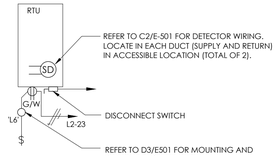


NOTES:

1. REFER TO DETAIL C3/E-501 AND C2/E-501 FOR WIRING.

D3 RTU Service Light Mounting Detail

SCALE: N.T.S.

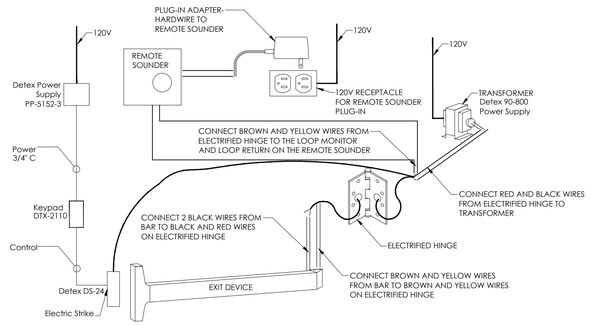


NOTES:

1. COORDINATE LOCATION OF DISCONNECT WITH MECHANICAL CONTRACTOR. ROUTE CONDUIT THRU ROOF. SEAL ROOF PENETRATION WATERTIGHT USING METHOD APPROVED BY ROOFING MANUFACTURER. DO NOT PENETRATE DRAIN PAN WITH CONDUITS.
2. REFER TO SHEET E-201 FOR LOCATION.

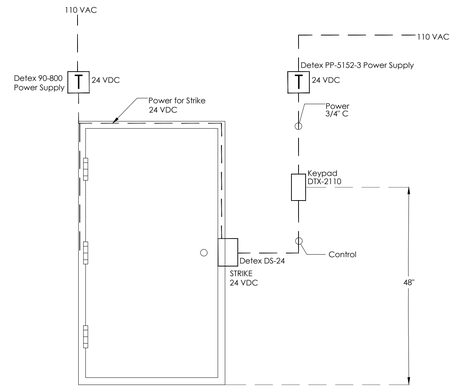
C3 RTU-1 & RTU-2 Detail

SCALE: N.T.S.



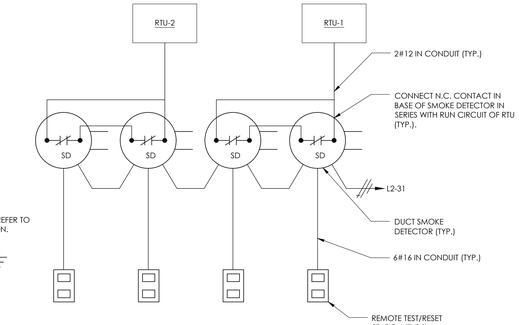
B2 Exit Device/Remote Sounder Detail

SCALE:



B3 Electric Strike Detail

SCALE:



NOTES:

1. REFER TO DETAIL C3/E-501 FOR LOCATION OF SMOKE DETECTORS.
2. REFER TO DETAIL B2/E-502 FOR LOCATION OF REMOTE TEST STATIONS.
3. SMOKE DETECTORS FURNISHED AND INSTALLED BY M.C. ALL WIRING BY E.C..

C2 Duct Smoke Detector Wiring Detail

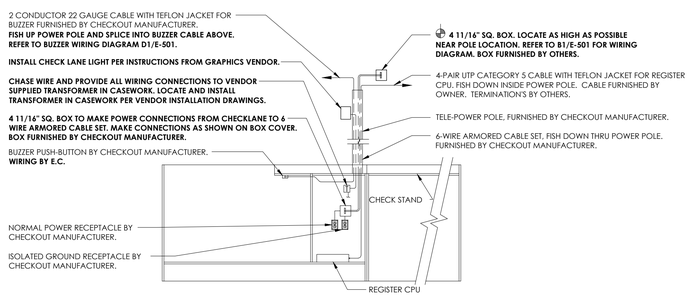
SCALE:

NOTES:

1. ALL LOW VOLTAGE CONDUCTORS SHALL BE MINIMUM 18 GAUGE AND U.L. RATED FOR USE IN AIR HANDLING PLENUMS. WIRING SHALL BE IN CONDUIT WHERE EXPOSED IN BACK ROOM AND SALES AREA.

D1 Bell and Buzzer Wiring Diagram

SCALE: N.T.S.

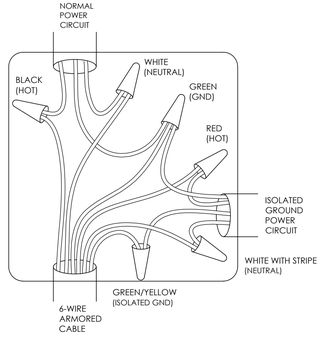


NOTES:

1. **BOLD PRINT TEXT IN DETAIL INDICATES WORK BY THE ELECTRICAL CONTRACTOR.** LIGHT PRINT TEXT IN DETAIL INDICATES WORK BY OTHERS.
2. **ALL CONDUITS TO CHECKOUTS SHALL BE RUN AS HIGH AS POSSIBLE. COMBINE POWER CIRCUITS IN COMMON CONDUIT. PROVIDE DEDICATED 2" CONDUIT AND 8"X8"X4" JUNCTION BOX ABOVE ALL CHECKOUTS FOR LOW VOLTAGE WIRING. COORDINATE FINAL CONDUIT ROUTING AND CONCEALMENT WITH ALDI REP FOR APPROVAL PRIOR TO ROUGH IN.**

C1 Checkout Wiring Detail

SCALE: N.T.S.



B1 Checkout Wiring Diagram

SCALE: N.T.S.

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DRAWN BY: T.T./A.B.

REVIEWED BY: T.T.

Seal

11/25/19

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

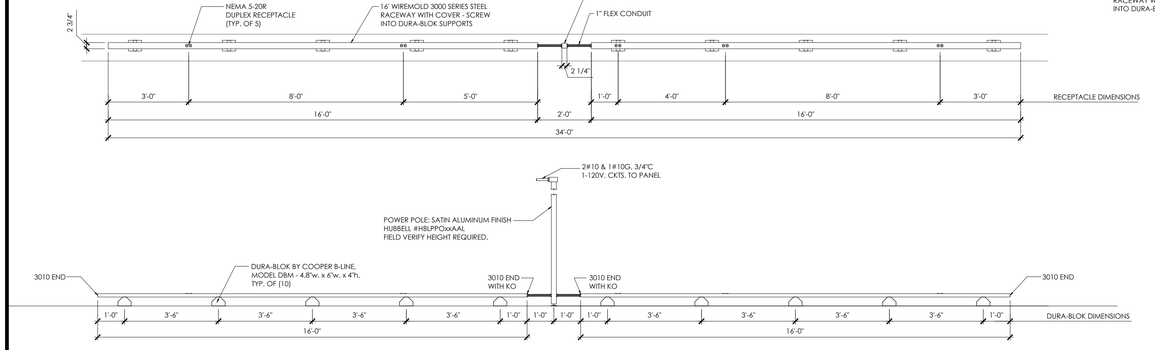
Electrical Details
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308

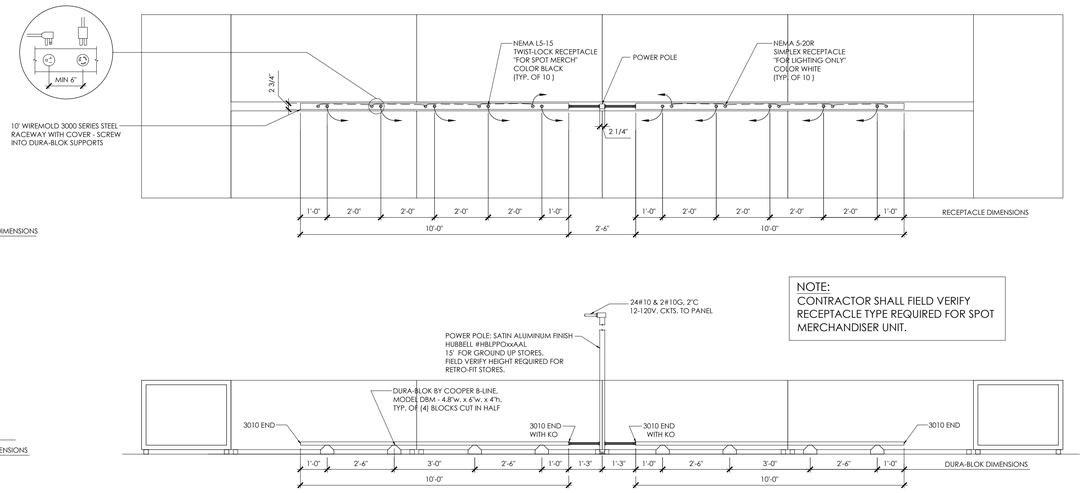
Drawing No. E-501

PLOTTED: 11/21/2019 12:06 PM



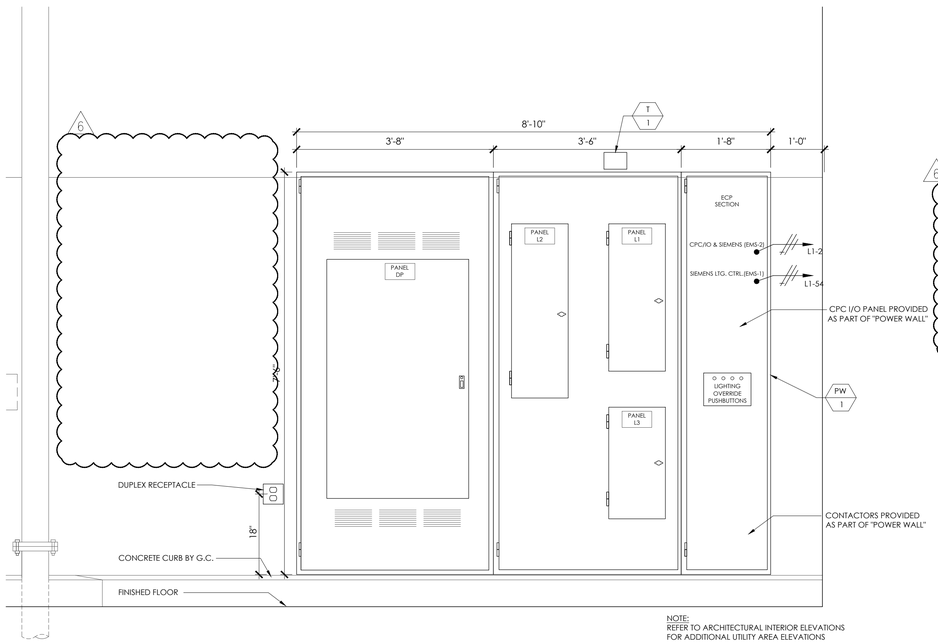
D3 Gondola Lighting Raceway Detail

SCALE: N.T.S.



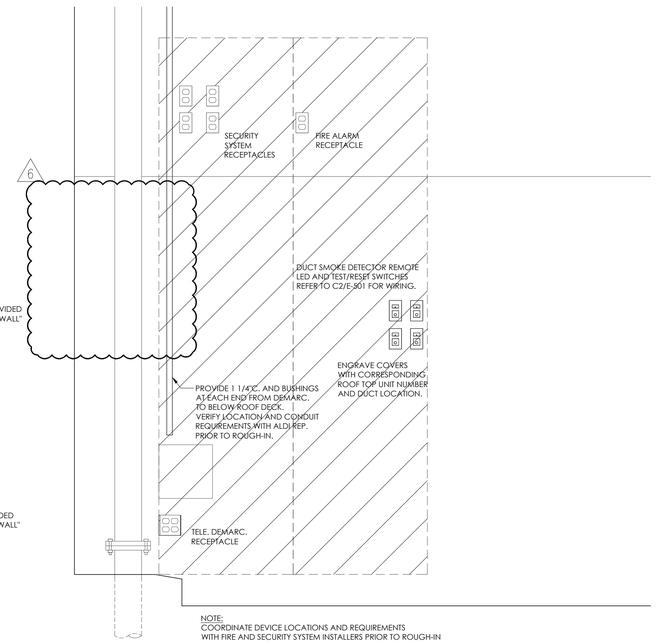
B3 Spot Merchandiser Raceway Detail

SCALE: N.T.S.



B1 Utility Area Elevations

SCALE: N.T.S.



B2 Utility Area Elevations

SCALE: N.T.S.

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DRAWN BY: T.T./A.B.

REVIEWED BY: T.T.

Seal

11/25/19

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Electrical Details
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No.
1813308
E-502
Drawing No.

PLOTTED: 11/21/2019 12:07 PM

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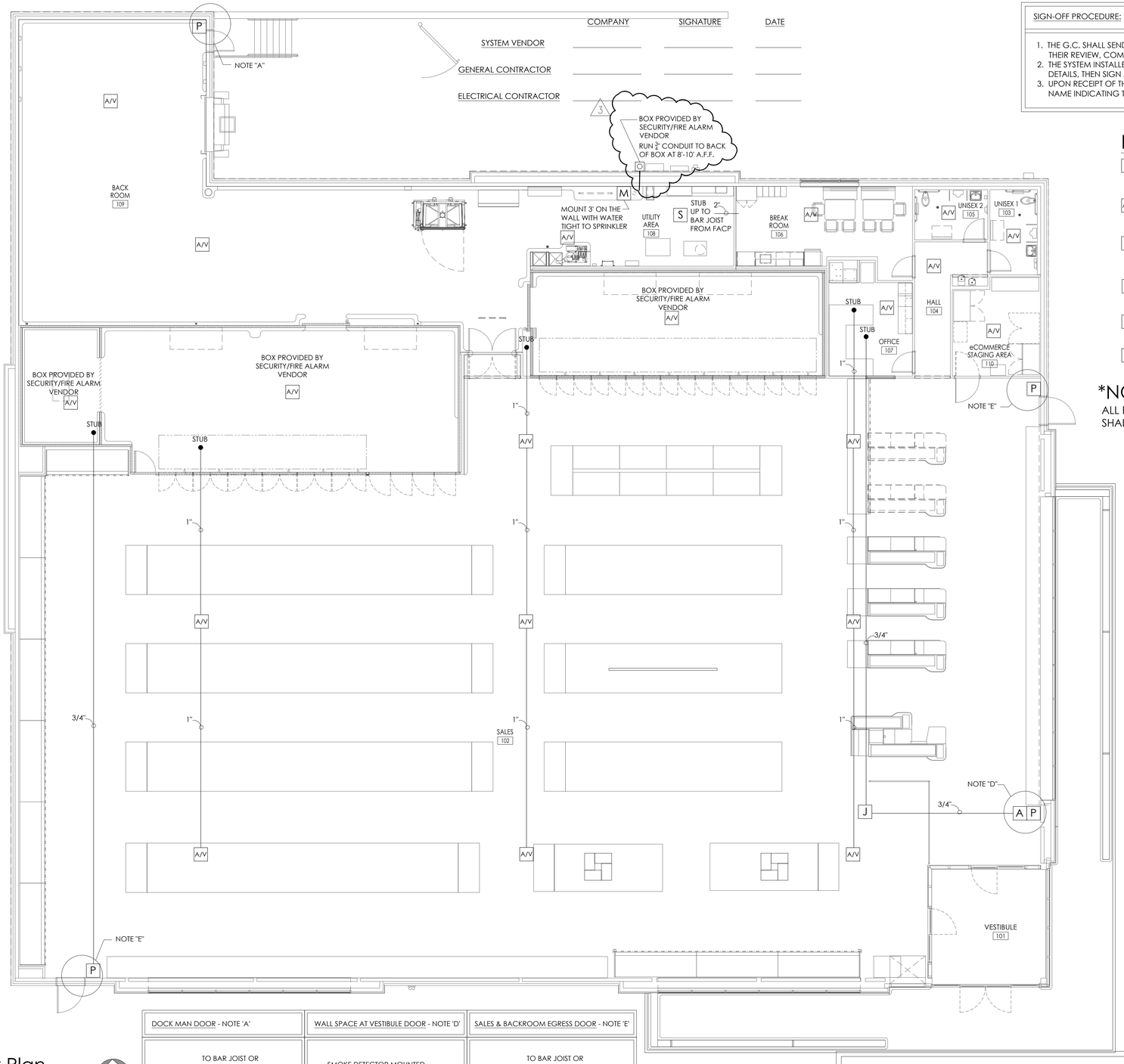


SIGN-OFF PROCEDURE:

1. THE G.C. SHALL SEND THE CONDUIT LAYOUT DRAWINGS TO THE SYSTEM INSTALLER FOR THEIR REVIEW, COMMENT AND MARK UP.
2. THE SYSTEM INSTALLER SHALL MARK UP THE PLAN WITH ANY CHANGES OR ADDITIONAL DETAILS, THEN SIGN AND DATE WITH THEIR COMPANY NAME AND SEND IT BACK TO THE G.C.
3. UPON RECEIPT OF THE PLAN THE G.C. WILL THEN SIGN AND DATE WITH THEIR COMPANY NAME INDICATING THAT THEY ACCEPT THE MARKED UP PLAN WITH E.C..

LEGEND

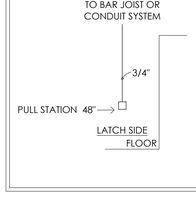
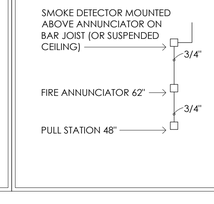
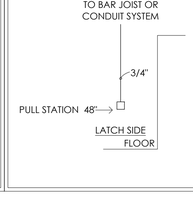
- J — JUNCTION 4" SQUARE BOX — MOUNTING VARIES.
- A/V — AUDIBLE/VISUAL 4" SQUARE BOX — MOUNT TO BOTTOM OF JOIST OR DROP TILE CEILING MOUNT.
- S — SMOKE DETECTOR 4" SQUARE BOX — MOUNT TO BOTTOM OF JOIST OR DROP TILE CEILING MOUNT.
- P — PULL STATION SINGLE GANG BOX — MOUNT 48" A.F.F.
- A — ANNUNCIATOR 4" SQUARE BOX — MOUNT 62" A.F.F.
- M — MODULE 4" SQUARE BOX — MOUNTING DETAILS DIFFERENT PER DEVICE, LOCATED ON PLANS.

*NOTE

ALL BOXES NOT ATTACHED DIRECTLY TO JOISTS SHALL STUB UP TO BOTTOM OF STRUCTURE.

D1 Fire Alarm Conduit Plan
SCALE: 1/8" = 1'-0"

NORTH

DOCK MAN DOOR - NOTE 'A'	WALL SPACE AT VESTIBULE DOOR - NOTE 'D'	SALES & BACKROOM EGRESS DOOR - NOTE 'E'
		

NOTE:

THIS CONDUIT DRAWING IS FOR REFERENCE ONLY. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL FIRE ALARM SYSTEM (IF REQUIRED) AND SECURITY SYSTEM REQUIREMENTS WITH ALDI'S FIRE ALARM AND SECURITY SYSTEM VENDOR(S) AND SHALL PROVIDE ALL RACEWAYS, CONDUIT AND BOXES AS REQUIRED FOR INSTALLATION OF SYSTEM EQUIPMENT, DEVICES AND CABLING. ALL REQUIRED RACEWAYS, CONDUIT AND BOXES SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR FOR USE BY THE FIRE ALARM AND SECURITY SYSTEM INSTALLER(S). REFER TO SIGN-OFF PROCEDURE LOCATED ON THIS SHEET.

Issued:		Date:
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650 E. Algonquin Rd. Suite 250
Schaumburg, Illinois 60173
rtmassociates.com | 847.756.4180

DRAWN BY: T.T./A.B.

REVIEWED BY: T.T.

Seal

08-19-19

ALDI Inc.
10505 S. K7 Highway
Olathe, KS 66061
(630) 879-8100
(630) 879-8152 fax

ALDI Inc. Store #: 06
LEE'S SUMMIT
560 NW CHIPMAN RD
LEE'S SUMMIT, MO 64086
JACKSON COUNTY
Project Name & Location:

Fire Alarm Conduit Plan
Drawing Name:

Date: 06/25/19
Type: RHRDV7ER
Drawn By:
Scale: As Noted

Project No. 1813308
Drawing No. CLP-101

PLOTTED: 8/19/2019 10:50 AM

ARCHITECT'S ADD 1

ALDI DIVISION CONTACT	☐	Ryan Stemmons, ALDI, Inc.
ARCHITECT	☐	SGA Design Group, P.C.
STRUCTURAL CONSULTANT	☐	360 Engineering Group, PLLC
MEP CONSULTANT	☐	RTM Engineering Consultants, Inc.
GENL CONTRACTOR	☐	TBD

PROJECT: **ALDI RETAIL FACILITY #06**
NW Ward Rd & NW Donovan Rd
Lee's Summit, MO 64063

ADD 1

OWNER: **ALDI, INC.**

DATE: 07/12/19

TO (CONTRACTOR) TBD

ARCHITECT'S PROJECT NO: 1813308

This Addendum hereby revises and/or clarifies the original Bidding Documents that were given to each bidder for the Project, and shall be taken into account in preparing your bid for the Project. The revisions and/or clarifications are indicated in the following changes. The receipt of this Addendum must be acknowledged on your bid form.

GENERAL INFORMATION

G-001 Cover Sheet

1. Updated address per information provided from City of Lee's Summit.

G-002 Code Review

1 – Egress Plan

1. Revised path of egress on plan.
2. Revised occupancy notes.

MEANS OF EGRESS OCCUPANT LOAD

1. Revised occupancy information to accommodate changes due to eCommerce.

EGRESS WIDTH

1. Revised occupancy information to accommodate changes due to eCommerce.

AREA SUMMARY

1. Revised square footages to reflect changes due to the addition of eCommerce.

PLUMBING FIXTURE REQUIREMENTS

1. Revised information due to unisex restroom change.

STRUCTURAL

S-001 General Structural Notes (GSN)

Design Loads and Criteria

1. Revised seismic site class per the geotechnical report.
2. Added reference information to reflect the geotechnical report.
3. Revised allowable soil bearing pressure per the geotechnical report.

S-101 Foundation Plan

1 – Foundation Plan

1. Revised foundation sizes.
2. Revised geotechnical considerations note per the geotechnical report recommendations.
3. Relocated egress door and associated notation.
4. Added foundation plan note #7 to reflect back fill requirements.

S-102 Slab Plan

1 – Slab Plan

1. Revised slab plan note #3 subgrade information per the geotechnical report.
2. Relocated egress door and associated notation.
3. Revised geotechnical considerations note per the geotechnical recommendations
4. Relocated concrete slab under MDUs near vestibule

S-111 Roof Framing Plan

1 – Roof Framing Plan

1. Relocated egress door and associated notation.

S-303 Foundation Details

D1 – Section

1. Revised foundation size and reinforcement.

ARCHITECTURAL

A-101 Floor Plan

1 – Floor Plan

1. Revised plan to reflect split produce, addition of eCommerce, and adding the double check lane.
2. Removed door 104 and added door 102c.

A-102 Keyed Notes Plan

1 – Keyed Notes Plan

1. Revised plan to reflect split produce, addition of eCommerce, and adding the double check lane.

A-111 Reflected Ceiling Plan

1 – Reflected Ceiling Plan

1. Revised lighting plan to reflect split produce, addition of eCommerce, and adding the double check lane.

A-121 Main Roof & Clerestory Plan

1 – Main Roof & Clerestory Plan

1. Revised roof plan to for RTU-2 shifting to the west.

A-131 Operations Plan

1 – Operations Plan

1. Revised plan to reflect split produce, addition of eCommerce, and adding the double check lane.

REAR DOCK AREA SUMMARY

1. Revised table to reflect the addition of eCommerce and changes in room sizes.

A-201 Exterior Elevations

2 – Side Elevation

1. Revised elevation to show relocated egress door.

3 – Rear Elevation

1. Revised elevation to show removed egress door.

A-211 Interior Elevations

B1 – Sales #102

1. Revised elevation to reflect addition of eCommerce and relocation of the Hall and Office window.

A-212 Interior Elevations

D2 – Sales #102

1. Shifted MDUs and adjusted associated dimensions and notes.

D3 – Sales #102

1. Revised elevation to show relocated egress door.
2. Revised elevation to show double check lane added, shifted check lane, and adjusted guidance rail.

A-213 Interior Elevations

C1 – Back Room #109

1. Added note and graphic to show electric strike.

A-215 Interior Elevations

A1 – Unisex 1 #103

1. Revised room name from Women's Lav. #103 to Unisex 1 #103.
2. Revised elevation to reflect changes made due to the addition of the eCommerce.

A2 – Hallway #104

1. Revised elevation to reflect changes made due to the addition of the eCommerce.

A3 – Unisex 2 #105

1. Revised room name from Men's Lav. #105 to Unisex 2 #105.
2. Revised elevation to reflect changes made due to the addition of the eCommerce.

B1 – Unisex 1 #103

1. Revised room name from Women's Lav. #103 to Unisex 1 #103.
2. Revised elevation to reflect changes made due to the addition of the eCommerce.

B2 – Hallway #104

1. Revised elevation to reflect changes made due to the addition of the eCommerce.

B3 – Unisex 2 #105
1. Revised room name from Men's Lav. #105 to Unisex 2 #105.
2. Revised elevation to reflect changes made due to the addition of the eCommerce.

C1 – Unisex 1 #103
1. Revised room name from Women's Lav. #103 to Unisex 1 #103.
2. Revised elevation to reflect changes made due to the addition of the eCommerce.
3. Replaced second water closet with urinal.

C2 – Hallway #104
1. Revised elevation to reflect changes made due to the addition of the eCommerce.

C3 – Unisex 2 #105
1. Revised room name from Men's Lav. #105 to Unisex 2 #105.
2. Revised elevation to reflect changes made due to the addition of the eCommerce.

D1 – Unisex 1 #103
1. Revised room name from Women's Lav. #103 to Unisex 1 #103.
2. Revised elevation to reflect changes made due to the addition of the eCommerce.

D2 – Hallway #104
1. Revised elevation to reflect changes made due to the addition of the eCommerce.

D3 – Unisex 2 #105
1. Revised room name from Men's Lav. #105 to Unisex 2 #105.
2. Revised elevation to reflect changes made due to the addition of the eCommerce.

A-216 Interior Elevations

A1 – Break Room #106
1. Revised elevation to reflect changes made due to the addition of the eCommerce.

A2 – Office #107
1. Revised elevation to reflect changes made due to the addition of the eCommerce.

A3 – eCommerce #110
1. Added elevation.

B1 – Break Room #106
1. Revised elevation to reflect changes made due to the addition of the eCommerce.

B2 – Office #107
1. Revised elevation to reflect changes made due to the addition of the eCommerce.

B3 – eCommerce #110
1. Added elevation.

C1 – Break Room #106
1. Revised elevation to reflect changes made due to the addition of the eCommerce.

C2 – Office #107
1. Revised elevation to reflect changes made due to the addition of the eCommerce.

C3 – eCommerce #110
1. Added elevation.

D1 – Break Room #106
1. Revised elevation to reflect changes made due to the addition of the eCommerce.

D2 – Office #107
1. Revised elevation to reflect changes made due to the addition of the eCommerce.

D3 – eCommerce #110
1. Added elevation.

A-401 Enlarged Plans

C1 – Enlarged Plan – Cooler / Freezer / Ancillary
1. Revised plan to reflect changes made due to the addition of the eCommerce.

A-402 Enlarged Plans

D1 – Enlarged Plan – Entry
1. Revised plan to reflect changes made due to the addition of the double check lane.
2. Shifted Produce MDUs and 4’-0” gondola per split produce updates.

A-507 Exterior Details

D1 – Exterior Section Detail – Loading Dock Stair
1. Revised hand rails to extend at the top and bottom of stairs as required by accessibility code.

A-513 Interior Details

B1 – Interior Plan Detail – Office Safe
1. Revised plan to reflect changes made to office safe area due to the addition of the eCommerce causing office to get smaller and shifts within Break Room.

B2 – Interior Elevation Detail – Office Safe
1. Revised elevation to reflect mirroring of safe and IT Rack.

A-601 Door Schedules & Details

2 – Jamb Detail
1. Added note to indicate same condition in an area where the curb does not exist.

6 – Head Detail
1. Added note “as occurs” to transfer grille to indicate similar detail without transfer grille.

11 – Jamb Detail
1. Added detail for eCommerce impact door.

12 – Door Elevations
1. Added elevation GG to illustrate eCommerce impact door.

13 – Frame Elevations
1. Added frame E to illustrate eCommerce door frame.

DOOR SCHEDULE
1. Changed egress door 104 to 102C and changed schedule due to relocation caused by addition of eCommerce.
2. Added door 110 door to schedule.

DOOR HARDWARE
1. Revised door hardware set 500 to replace door 104 with door 102c.
2. Revised door hardware set 600 to include Detex transformer, keypad, and electric strike.

A-603 Finish Schedules & Notes

ROOM FINISH SCHEDULE
1. Revised room 103 from Women's to Unisex 1.
2. Revised room 105 from Men's to Unisex 2.
3. Added room 110 eCommerce to schedule.

PLUMBING

P-101 Plumbing Floor Plan

1 – Plumbing Floor Plan
1. Revised vent layout for restrooms and break room per new room layout.
2. Relocated RTU-2 and associated gas connection.

P-102 Plumbing Drainage Location Plan

1 – Plumbing Drainage Location Plan
1. Revised floor drain locations in restrooms due to new room layout.

P-201 Enlarged Plumbing Plans

B1 – Domestic Water Enlarged Plan
1. Revised water distribution piping system per new room layout.
2. Removed water meter per permit comments.

D1 – Sanitary Enlarged Plan (Office Area)
1. Revised sanitary and vent systems per new room layout.

D2 – Sanitary Enlarged Plan (Back Room)
1. Revised sanitary and vent systems per new room layout.

P-301 Isometric Diagrams

B1 – Domestic Water Isometric Diagram
1. Revised water distribution isometric per new room layout.
2. Removed water meter per permit comments.

D1 – Sanitary Isometric Diagram (Office Area)
1. Revised sanitary and vent isometric per new room layout.

D2 – Sanitary Isometric Diagram (Back Room)
1. Revised sanitary and vent isometric per new room layout.

P-401 Plumbing Details

A1 – Water Service Detail

1. Removed water meter per permit comments.

FIRE PROTECTION

FP-101 Fire Protection Floor Plan

D1 – Fire Protection Floor Plan

1. Revised sprinkler head layout based on new room layout.

MECHANICAL

H-000 HVAC Schedules, Symbols & Notes

Rooftop Unit Schedule

1. Increased supply cfm of RTU-2 to 800 cfm.

H-101 HVAC Construction Plan

1 – HVAC Construction Plan

1. Shifted RTU-2 and FCU-1 per new room layout.
2. Relocated EF-3.
3. Revised RTU-2 duct system and EF-3 exhaust system per new room layout.
4. Shifted 26x18 RTU-1 duct per new wall layout.

H-201 HVAC Sections

1 – HVAC Section

1. Removed 10x10 duct.

ELECTRICAL

E-101 Lighting Plan

D2 – Lighting Plan

1. Revised lighting plan in Unisex 103, Unisex 105, Hallway 104 and eCommerce 110 per floor plan changes.
2. Revised Sales Floor/Produce lighting per floor plan changes as clouded.
3. Relocated duplex outlet for Welcome Sign as clouded per latest updated interior elevation.
4. Revised directional exit sign on Sales Floor to point both direction.

E-102 Schedules & Diagrams

Lighting Luminaire Schedule

1. Updated W6X to be a used fixture.

D1 – Lighting Control Diagram

1. Added circuit “L1-35” to contactor C/3 as clouded.

E-201 Electrical Plan

D1 – Electrical Plan

1. Relocated J-boxes for check-lanes per latest floor plan revision as clouded.
2. Relocated J-boxes for security rough-in per relocation of the hallway door to the sales floor.
3. Relocated RTU-2, FCU-1 and EF-3 per floor plan changes as clouded.

E-301 Enlarged Plan

B1 – Enlarged Plan- Office, Break Room and Ecommerce Room

1. Adjusted location of devices/equipment in Unisex 103, Unisex 105, Breakroom, and Office due to floor plan changes.
2. Provided new power layout for Ecommerce Room as clouded per floor plan changes.
3.

E-401 One-Line Diagram & Schedules

Panelboard Schedule L1

1. Added (1) circuit for split produce.

Panelboard Schedule L2

1. Added (4) circuits for new Ecommerce Room as clouded.

REFERENCE DRAWINGS

CLP-101 Fire Alarm Conduit Plan

D1 – Fire Alarm Conduit Plan

1. Adjusted location of devices/equipment in Unisex 103, Unisex 105 Hall 104 and Ecommerce 110 due to floor plan changes.
2. Relocated pull station per relocation of the hallway door to the sales floor.

CIVIL

C4.0 UTILITY PLAN

1. Added fire hydrant per permit plan review comments.

** End of narrative**

ATTACHMENTS: Sheets: G-001, G-002, S-101, S-102, S-111, S-301, A-101, A-102, A-111, A-131, A-211, A-212, A-213, A-215, A-216, A-401, A-402, A-507, A-513, A-601, A-603, P-101, P-102, P-201, P-301, P-401, FP-101, H-000, H-101, H-201, E-101, E-102, E-201, E-301, E-401, CLP-101, and C4.0.

ARCHITECT: SGA Design Group, P.C.

BY: Elizabeth Robertson

ARCHITECT'S ADD 2

ALDI DIVISION CONTACT	☐	Ryan Stemmons, ALDI, Inc.
ARCHITECT	☐	SGA Design Group, P.C.
STRUCTURAL CONSULTANT	☐	360 Engineering Group, PLLC
MEP CONSULTANT	☐	RTM Engineering Consultants, Inc.
GENL CONTRACTOR	☐	TBD

PROJECT: **ALDI RETAIL FACILITY #06**
560 NW Chipman RD
Lee's Summit, MO 64086

ADD 2

OWNER: **ALDI, INC.**

DATE: 07/24/19

TO (CONTRACTOR) TBD

ARCHITECT'S PROJECT NO: 1813308

This Addendum hereby revises and/or clarifies the original Bidding Documents that were given to each bidder for the Project, and shall be taken into account in preparing your bid for the Project. The revisions and/or clarifications are indicated in the following changes. The receipt of this Addendum must be acknowledged on your bid form.

SPECIFICATIONS

SECTION 000100 – SEAL PAGE
1. Issued with the change.

VOLUME 1 BIDDING REQUIREMENTS COVER
1. Replaced the document.

VOLUME 1 BIDDING REQUIREMENTS TABLE OF CONTENTS
1. Replaced the document.

000410 BID FORM
1. Replaced the document.

000520/000610 AGREEMENT FORM/BOND
1. Replaced the document.

PERFORMANCE AND PAYMENT BONDS
1. Replaced the document.

CHANGE ORDER REQUEST
1. Replaced the document.

ALDI PAY APPLICATION CHANGE ORDER SUMMARY

1. Replaced the document.

ALDI CONTINUATION SHEET

1. Replaced the document.

VOLUME 2 TABLE OF CONTENTS

1. Issued with the change.

SECTION 012600 – CONTRACT MODIFICATION PROCEDURES

1. Replaced the document.

** End of Narrative**

ATTACHMENTS: Specifications: 000100, Volume 1 Bidding Requirement Cover, Volume 1 Bidding RequirementsTable of Contents, 000410, 000520/000610, Performance and Payment Bonds, Change Order Request, ALDI Pay Application Change Order Summary, ALDI Continuation Sheet, Volume 2 Table of Contents, 012600

ARCHITECT: SGA Design Group, P.C.

BY: Ryan Mullins

ARCHITECT'S ADD 3

ALDI DIVISION CONTACT	☐	Ryan Stemmons, ALDI, Inc.
ARCHITECT	☐	SGA Design Group, P.C.
STRUCTURAL CONSULTANT	☐	360 Engineering Group, PLLC
MEP CONSULTANT	☐	RTM Engineering Consultants, Inc.
GENL CONTRACTOR	☐	TBD

PROJECT: **ALDI RETAIL FACILITY #06**
560 NW Chipman RD
Lee's Summit, MO 64086

ADD 3

OWNER: **ALDI, INC.**

DATE: 08/19/19

TO (CONTRACTOR) TBD

ARCHITECT'S PROJECT NO: 1813308

This Addendum hereby revises and/or clarifies the original Bidding Documents that were given to each bidder for the Project, and shall be taken into account in preparing your bid for the Project. The revisions and/or clarifications are indicated in the following changes. The receipt of this Addendum must be acknowledged on your bid form.

GENERAL INFORMATION

G-001 Cover Sheet

Drawing Index

1. Added sheet S-408 Steel Framing Sections & Details.
2. Added sheet A-307 Wall Sections.

G-002 Code Review

1 – Egress Plan

1. Revised plan per added Nichiha bump outs on West side and North rear building facades.
2. Revised plan per added truck well screen wall.

AREA SUMMARY

1. Revised Exterior Wall, Building and Total square footages due to added Nichiha bump outs on West side and North rear building facades.

STRUCTURAL

S-101 Foundation Plan

1 – Foundation Plan

1. Revised plan to include bump outs on West side and North side of the building.
2. Revised dimensions and pilasters.
3. Revised plan to include screen wall at the truck well.
4. Added section cuts at the bump out conditions.

S-102 Slab Plan

1 – Slab Plan

1. Revised plan to include bump outs on West side and North side of the building.
2. Added screen wall at truck well.

S-111 Roof Framing Plan

1 – Roof Framing Plan

1. Revised plan to include bump outs on West side and North side of the building.
2. Added section cuts at the bump out conditions.

S-302 Foundation Details

A2/A2a – Pier Detail

1. Revised detail to include special condition at grid D.
2. Revised detail to include additional reinforcement at brace bay when A2a condition occurs per plan.
3.

D1 – Pier Detail

1. Revised width of concrete wall for screen wall.

S-303 Foundation Details

C1 – Section

1. Revised detail to include dimension and exterior condition of bump out along grid D.

S-304 Foundation Details

A1 – Section

1. Removed detail.

B1 – Section

1. Removed detail.

C1 – Typical Dock Retaining Wall Section

1. Revised to include screen wall on top of the retaining wall.
2. Added reinforcement to accommodate the additional loads.
3. Increased the thickness of the concrete retaining wall.

D3 – Footing at Dumpster Post

1. Added detail for post footing at dumpster enclosure

S-402 Steel Framing Sections & Details

C2 – Framing Detail @ Ends of Façade Bump-out

1. Add grid line D to the detail.

S-408 Steel Framing Sections & Details

A1 – Section

1. Added this typical framing detail at the west wall bump-out.

B1 – Bump Out

1. Added this typical framing detail at the north wall bump-out.

B1 – Section

1. Added this typical framing detail at the north wall bump-out at the columns.

ARCHITECTURAL

A-101 Floor Plan

1 – Floor Plan

1. Revised plan and dimensions per added Nichiha bump outs on West side and North rear building facades.
2. Removed railing at truck well and revised plan and dimensions per added truck well screen wall.

A-102 Keyed Notes Plan

1 – Keyed Notes Plan

1. Revised plan per added Nichiha bump outs on West side and North rear building facades.
2. Removed keynote 18 for pipe railing at truck well and revised plan per added truck well masonry screen wall.
3. Removed perforated pipe drain from beneath front sidewalk curb as it is not needed per the geotech report.

A-111 Reflected Ceiling Plan

1 – Reflected Ceiling Plan

1. Revised plan per added Nichiha bump outs on West side and North rear building facades.

A-121 Main Roof & Clerestory Plan

1 – Main Roof & Clerestory Plan

1. Revised plan per added Nichiha bump outs on West side and North rear building facades.
2. Relocated scupper to area outside of new Nichiha bump out.

A-131 Operations Plan

1 – Operations Plan

1. Revised plan per added Nichiha bump outs on West side and North rear building facades.
2. Removed pipe railing and added truck well masonry screen wall.

Rear Dock Area Summary

1. Revised Exterior Wall and Building square footages due to added Nichiha bump outs on West side and North rear building facades.

A-201 Exterior Elevations

1 – Side (West) Elevation

1. Added Nichiha bump outs on West side and North rear building facades.
2. Revised detail title to indicate directional elevation.

2 – Side (East) Elevation

1. Added Nichiha bump outs on West side and North rear building facades.
2. Removed truck well pipe railing and added truck well masonry screen wall.
3. Revised detail title to indicate directional elevation.

3 – Rear (North) Elevation

1. Added Nichiha bump outs on West side and North rear building facades.
2. Removed truck well pipe railing and added truck well masonry screen wall.
3. Revised detail title to indicate directional elevation.

4 – Front (South) Elevation
1. Added Nichiha bump out on West side building facade.
2. Revised detail title to indicate directional elevation.

A-211 Interior Elevations

C3 – Sales #102
1. Added 12x12 louvre and dimensions to vent added Nichiha bumpout.

A-214 Interior Elevations

C1 – Back Room #109 & Utility Area #108
1. Added 12x12 louvre and dimensions to vent added Nichiha bumpout.

A-303 Wall Sections

B1 – Wall Section – High Bay (Short Wall)
1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

A-304 Wall Sections

B1 – Wall Section – Sales at Sacking Counter
1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

D1 – Wall Section – High Bay (Long Wall)
1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

A-305 Wall Sections

C1 – Wall Section – Sales at Sacking Counter
1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

D1 – Wall Section – Sales (Long Wall)
1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

A-307 Wall Sections

1. Added entire sheet for new sections at added Nichiha bump outs.

A1 – Wall Section – Sales Floor at MDU
1. New detail.

B1 – Partial Wall Section – Wall at Low Joist Bearing
1. New detail.

A-401 Enlarged Plans

C1 – Enlarged Plan – Cooler / Freezer / Ancillary
1. Added Nichiha bump out on North rear building facade.

A-502 Exterior Details

A1 – Exterior Section Detail – Fiber Cement Wall Pnl Base at Curb

1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

C1 – Exterior Section Detail – Storefront Sill at Sacking Counter

1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

C2 – Exterior Section Detail – Canopy Roof at Storefront/Spandrel

1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

C3 – Exterior Section Detail – Storefront/Spandrel Head

1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

D1 – Exterior Section Detail – Canopy Roof at Fiber Cement Panel

1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

A-503 Exterior Details

C1 – Exterior Section Detail – Fiber Cement Wall Panel Base

1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

D2 – Exterior Section Detail – Storefront Sill

1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

A-504 Exterior Details

A3 – Exterior Section Detail – Roof at Wall Parallel to Joists

1. Added detail.

B1 – Exterior Section Detail – Window Head at FCP (Long Wall)

1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

B2 – Exterior Plan Detail – Window at FCP (above)

1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

C2 – Exterior Plan Detail – Cart Wall at Window

1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

C3 – Exterior Plan Detail – Fiber Cement Panel Outside Corner

1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

D3 – Exterior Plan Detail – Storefront at FCP

1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

A-505 Exterior Details

A2 – Exterior Plan Detail – Storefront at Vestibule

1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

D1 – Exterior Plan Detail – Vertical Message Tower

1. Added a note clarifying intumescent or ½" gypsum board to protect spray foam insulation at Nichiha bump outs.

A-507 Exterior Details

D1 – Exterior Section Detail – Loading Dock Stairs

1. Removed pipe rail and replaced with 8'H masonry screen wall with cast stone cap.

A-601 Door Schedules & Details

Door Hardware

1. Revised door hardware set 200 to rename doors 103 and 105 as Unisex 1 and Unisex 2.
2. Added privacy lock to hardware set 200.

FIRE PROTECTION

FP-201 Fire Protection Legends and Details

A1 – Fire Protection Riser Detail

1. Revised FP riser detail to delete DCDA as this will relocated to an outside vault per permit comment.

ELECTRICAL

E-101 Lighting Plan

D2 – Lighting Plan

1. Relocated wall pack per latest updated exterior wall as clouded.

E-301 Enlarged Plan

B1 – Enlarged Plan- Office, Break Room and Ecommerce Room

1. Adjusted location of meter and CT cabinet per revised exterior wall as clouded.

REFERENCE DRAWINGS

CLP-101 Fire Alarm Conduit Plan

D1 – Fire Alarm Conduit Plan

1. Relocated security/fire alarm box per revised exterior wall as clouded.

** End of Narrative**

ATTACHMENTS: Sheets: G-001, G-002, S-101, S-102, S-111, S-302, S-303, S-304, S-402, S-408, A-101, A-102, A-111, A-121, A-131, A-201, A-211, A-214, A-303, A-304, A-305, A-307, A-401, A-502, A-503, A-504, A-507, A-601, FP-201, E-101, E-301, CLP-101

ARCHITECT: SGA Design Group, P.C.
BY: Elizabeth Robertson

ARCHITECT'S ADD 4

ALDI DIVISION CONTACT	☐	Ryan Stemmons, ALDI, Inc.
ARCHITECT	☐	SGA Design Group, P.C.
STRUCTURAL CONSULTANT	☐	360 Engineering Group, PLLC
MEP CONSULTANT	☐	RTM Engineering Consultants, Inc.
GENL CONTRACTOR	☐	TBD

PROJECT: **ALDI RETAIL FACILITY #06**
560 NW Chipman RD
Lee's Summit, MO 64086

ADD 4

OWNER: **ALDI, INC.**

DATE: 10/04/19

TO (CONTRACTOR) TBD

ARCHITECT'S PROJECT NO: 1813308

This Addendum hereby revises and/or clarifies the original Bidding Documents that were given to each bidder for the Project, and shall be taken into account in preparing your bid for the Project. The revisions and/or clarifications are indicated in the following changes. The receipt of this Addendum must be acknowledged on your bid form.

GENERAL INFORMATION

G-001 Cover Sheet

Drawing Index

1. Removed sheet A-122 Upper Roof Plan.
2. Revised sheet title for sheet A-202 to Exterior Elevations.

G-004 Responsibility Schedule Appendix A

Responsibility Schedule

1. Added projector information.

STRUCTURAL

S-101 Foundation Plan

1 – Foundation Plan

1. Revised brace bay location along grid 1.2.
2. Revised foundation sizes to reflect brace bay relocation along grid 1.2.
3. Revised egress door location at grid 1.2 to reflect prototype updates.
4. Added footing legend at cart wall columns to reflect prototype updates.
5. Revised stem wall location at main entry to reflect prototype updates.
6. Revised geotechnical consideration note to reflect approximate depth of backfill.

S-102 Slab Plan

1 – Slab Plan

1. Revised brace bay location along grid 1.2.
2. Relocated egress door at grid 1.2 to reflect prototype updates.
3. Revised stem wall location at main entry to reflect prototype updates.
4. Revised geotechnical consideration note to reflect approximate depth of backfill.

S-111 Roof Framing Plan

1 – Roof Framing Plan

1. Revised RTU-2 location to reflect prototype updates.
2. Revised duct locations to reflect prototype updates.
3. Added reference to H-101 for joist girder opening requirements.
4. Added text to roof framing plan note 2 for clarity.
5. Added roof framing plan note 10 to clarify GC to confirm HVAC unit information.
6. Added roof framing plan note 11 to reflect joist design requirements.
7. Revised joist sizes under high roof framing to reflect prototype updates.
8. Added section cut reference at CFS kickers.
9. Added joist adjacent to grid 1.6 per prototype updates.
10. Added shear connection design load for W18 beam along grid 1.1 to reflect prototype updates.
11. Revised brace bay location along grid 1.2.
12. Revised TC and D forces at joists along grid 1 to reflect brace bay relocation.

S-112 High Roof & Canopy Framing Plans

A1 – Canopy Framing Plan

1. Revised outrigger steel sizes to reflect prototype updates.
2. Revised end cart wall steel sizes to reflect prototype updates.

B3 – 3D Framing View of Entry Tower/Canopy

1. Revised 3D view to reflect steel changes.

D1 – High Roof Framing Plan

2. Revised high steel elevation to reflect prototype updates.
3. Revised extent of high roof to reflect prototype updates.
4. Added CFS kickers along grid 1.6 to reflect prototype updates.
5. Added outriggers from top of columns along grid A to reflect prototype updates.
6. Added section cut references to reflect updates.

S-302 Foundation Details

A2/A2a – Pier Detail

1. Revised detail to reflect reduced reinforcement steel updates.

A3 – Pier Detail

1. Revised detail to reflect reduced reinforcement steel updates.

A4/A4a – Pier Detail

1. Revised detail to reflect reduced reinforcement steel updates.

B1 – Pier Detail

1. Revised detail to reflect reduced reinforcement steel updates.

B2 – Pier Detail

1. Revised detail to reflect reduced reinforcement steel updates.

B4 – Pier Detail

1. Revised detail to reflect reduced reinforcement steel updates.

C1/C1a – Pier Detail
1. Revised detail to reflect reduced reinforcement steel updates.

C2 – Pier Detail
1. Revised detail to reflect reduced reinforcement steel updates.

C3 – Pier Detail
1. Revised detail to reflect reduced reinforcement steel updates.

D1 – Pier Detail
1. Revised detail to reflect reduced reinforcement steel updates.

D2 – Pier Detail
1. Revised detail to reflect reduced reinforcement steel updates.

D3 – Pier Detail
1. Revised detail to reflect reduced reinforcement steel updates.

D4 – Pier Detail
1. Added detail to reflect prototype updates.

S-303 Foundation Details

A1 - Typical Exterior Wall Section
1. Revised detail to reflect reduced reinforcement steel updates.

A2 - Section
1. Revised detail to reflect reduced reinforcement steel updates.

A3 - Section
1. Revised detail to reflect reduced reinforcement steel updates.

B3 - Section
1. Revised detail to reflect entry door updates.

C3 - Section
1. Revised detail to reflect reduced reinforcement steel updates.

S-304 Foundation Details

D2- Section
1. Revised detail to reflect reduced reinforcement steel updates.

S-401 Steel Framing Sections & Details

A2- Section
1. Revised detail to reflect prototype updates.

COLUMN SCHEDULE
1. Revised column size at 4/C to reflect brace bay relocation
2. Revised top of steel elevations to reflect high roof framing updates.

S-402 Steel Framing Sections & Details

A1- HSS Outrigger Connection Detail

1. Revised detail to reflect simplified outrigger connection design.

B1- Detail

1. Revised detail to reflect prototype updates.

S-403 Steel Framing Sections & Details

D2- Detail

1. Added detail to reflect prototype updates.

S-404 Steel Framing Sections & Details

C2- Detail

1. Revised detail to reflect prototype updates.

S-405 Steel Framing Sections & Details

A1 – Section

1. Revised detail to reflect revised high roof framing.

A3 – Section

1. Revised detail to reflect revised high roof framing.

C1 – Section

1. Revised detail to reflect revised high roof framing.

D1 – Section

1. Revised detail to reflect revised high roof framing.

D3 – Section

1. Revised detail to reflect revised high roof framing.

S-406 Steel Framing Sections & Details

A3 – Section

1. Revised detail to reflect revised high roof framing.

D1 – Section

1. Revised detail to reflect correct post location to match plan orientation.

D2 – Section

1. Revised detail to reflect revised high roof framing.

D3 – Section

1. Revised detail to reflect revised high roof framing.

S-407 Steel Framing Sections & Details

C1 – Typical Canopy Structural Steel Section

1. Revised detail to reflect revised simplified canopy outrigger connection.

C2 – Section
1. Revised detail to reflect revised simplified canopy outrigger connection.

C4 – Section
1. Revised detail to reflect revised simplified canopy outrigger connection.

ARCHITECTURAL

A-101 Floor Plan
1 – Floor Plan
1. Revised exterior elevation tag references.
2. Added attic stock shelving unit.
3. Moved baler and manager's desk to accommodate new fixture and revised dimension.
4. Revised impact door floor striping graphics to projector graphics.

A-102 Keyed Notes Plan
1 – Keyed Notes Plan
1. Moved baler and manager's desk to accommodate new fixture and adjusted keyed notes.
2. Revised impact door floor striping graphics to projector graphics and adjusted keyed notes.
3. Revised keynote 41 to 49 for Recall shelving for clarification.

Keyed Notes
1. Removed IMPACT DOORS from keyed note 33.
2. Added keyed note 68 for projector.

A-111 Reflected Ceiling Plan
1 – Reflected Ceiling Plan
1. Shifted ductwork between gondolas and check lanes.
2. Revised register locations in Break Room and Unisex restrooms and Hall.
3. Revised lighting in Office, Hall and eCommerce.
4. Removed registers from eCommerce and added ceiling mounted cassette with lines routed to heat pump.
5. Moved baler.
6. Relocated NO PARKING SIGN and adjusted dimension.
7. Added projector, dimensions and notes at impact doors.
8. Revised cross aisle lighting to 8'-0" fixtures.
9. Relocated 6’-0” cross aisle light fixture.
10. Revised produce gondola lighting, graphic box and adjusted dimensions.
11. Relocated detail title and North arrow.

2 – High Roof Reflected Ceiling Plan
1. Added new detail.

A-121 Main Roof & Clerestory Plan
1 – Main Roof & Clerestory Plan
1. Adjusted location of RTU-2.
2. Removed roof enclosure and modified upper roof framing.
3. Adjusted upper roof framing dimensions and added section detail markers.
4. Added parapet vent notes.
5. Added note for gutter and downspout.

6. Revised plan tag for high roof to 2/A-111
7. Added section detail marker for return wall above main roof at grid B.8.

A-122 Upper Roof Plan

1. Removed entire sheet from drawing set.

A-131 Operations Plan

1 – Operations Plan

1. Added attic stock shelving unit and keynote.
2. Moved two pallets, baler and manager's desk to accommodate new fixture.
3. Revised impact door floor striping graphics to projector graphics.

A-201 Exterior Elevations

1 – Side Elevation

1. Revised detail number.
2. Revised tower T.O. steel height to 29’-10”.
3. Revised BLRD-4 graphics.
4. Added downspout keynote and graphic at low-end tower wall return.
5. Added narrow lite glazing to eCommerce door.

2 – Front Elevation

1. Revised detail number.
2. Revised tower T.O. steel height to 29’-10”.
3. Revised BLRD-4 graphics.

Exterior Finish Schedule

1. Added schedule to sheet and relocated rear and side elevations to sheet A-202.

A-202 Exterior Elevations

1 – Side (West) Elevation

1. Added Side Elevation to sheet and revised sheet title.
2. Revised tower T.O. steel height to 29’-10”.
3. Revised BLRD-4 graphics.
4. Revised back of tower graphics and keynotes.

2 – Rear (North) Elevation

1. Added Rear Elevation to sheet.
2. Revised BLRD-4 graphics.
3. Removed gutter and downspout graphics and keynotes from partial height tower return wall.

Exterior Finish Schedule

1. Removed A2 B and C masonry options per approved elevations.
2. Added note to keynote 10 for panels to extend onto the roof.
3. Revised color and model info for BLRD-4.
4. Revised keynote E7 to NOT USED.

A-211 Interior Elevations

B1 – Sales #102

1. Revised all gypsum board control joints to expansion joints to coincide with existing specification.
2. Relocated return grille.
3. Relocated supply duct.

C2 – Sales #102

1. Revised all gypsum board control joints to expansion joints to coincide with existing specification.

C3 – Sales #102

1. Revised all gypsum board control joints to expansion joints to coincide with existing specification.
2. Added expansion joint through wall tile at center of the rear sales feature wall.

A-212 Interior Elevations

C1 – Sales #102

1. Revised all gypsum board control joints to expansion joints to coincide with existing specification.
2. Adjusted sign dimensions.
3. Adjusted outlet dimensions.
4. Adjusted LBP-1 dimension from door jamb.

D2 – Sales #102

1. Revised all gypsum board control joints to expansion joints to coincide with existing specification.
2. Adjusted sign dimensions.
3. Adjusted outlet dimensions.

D3 – Sales #102

1. Revised all gypsum board control joints to expansion joints to coincide with existing specification.
2. Added expansion joint through wall tile above door opening next to sacking counter.
3. Added narrow lite glazing to eCommerce door.

A-214 Interior Elevations

C1 – Back Room #109 & Utility Area #108

1. Revised all gypsum board control joints to expansion joints to coincide with existing specification.
2. Added attic stock shelving unit.
3. Moved baler and manager's desk to accommodate new fixture.

A-301 Wall Sections

D1 – Wall Section – Vestibule Entry Door & Logo Sign

1. Removed roof enclosure, modified upper roof framing and adjusted associated keynotes and detail callouts.
2. Modified detailing at auto door threshold to hide construction joint.

A-302 Wall Sections

D1 – Wall Section – Vestibule Full Height Window

1. Removed roof enclosure, modified upper roof framing and adjusted associated keynotes and detail callouts.
2. Modified VMT deck opening detailing.

A-303 Wall Sections

B1 – Wall Section – High Bay (Short Wall)

1. Removed roof enclosure, modified upper roof framing and adjusted associated keynotes and detail callouts.
2. Revised clerestory T.O. sill height to 21’-11”.
3. Updated exterior up-light fixture and detailing.
4. Revised BLRD-4 graphics.

D1 – Wall Section – Vertical Message Tower (Long Wall)

1. Removed roof enclosure, modified upper roof framing and adjusted associated keynotes and detail callouts.
2. Revised VMT T.O. opening height to 28’-11”.

A-304 Wall Sections

B1 – Wall Section – Sales at Sacking Counter

1. Revised clerestory T.O. sill height to 21’-11”.
2. Updated exterior up-light fixture and detailing.
3. Revised BLRD-4 graphics and dimension.

D1 – Wall Section – High Bay (Long Wall)

1. Removed roof enclosure, modified upper roof framing and adjusted associated keynotes and detail callouts.
2. Revised spandrel T.O. opening height to 28’-11”.

A-306 Wall Sections

D1 – Wall Section – Cart Storage End Wall

1. Revised structural detailing at the intersection of the full height cart wall and canopy.

A-401 Enlarged Plans

1 – Enlarged Plan – Cooler / Freezer / Ancillary

1. Added attic stock shelving unit.
2. Moved baler and manager's desk to accommodate new fixture and revised associated dimensions and keynotes.
3. Revised impact door floor striping graphics to projector graphics and revised associated dimensions and keynotes.

A-501 Exterior Details

A1 – Exterior Section Detail – Alum Comp Panel at Overhang

1. Modified detail and keynotes per upper roof enclosure removal.

A2 – Exterior Detail – Parapet Vent

1. Replaced detail in its entirety for added parapet vents.

A3 – Exterior Section Detail – Roof Termination at Overhang

1. Modified detail and keynotes per upper roof enclosure removal.

B1 – Exterior Section Detail – Slab at Auto Sliding Door

1. Modified detailing at auto door threshold to hide construction joint.

B3 – Exterior Section Detail – Alum Comp Panel at Overhang
1. Modified detail and keynotes per upper roof enclosure removal.

C1 – Exterior Section Detail – Roof Intersection at Return Wall
1. Modified detail and keynotes per upper roof enclosure removal.

C2 – Exterior Section Detail – Roof Termination at Spandrel Sill
1. Modified detail and keynotes per upper roof enclosure removal.

C3 – Exterior Section Detail – Spandrel Head
1. Modified detail and keynotes per upper roof enclosure removal.

D2 – Exterior Section Detail – Vertical Message Tower at Vestibule
1. Modified detail and keynotes per upper roof enclosure removal.
2. Modified VMT deck opening detail.

D3 – Exterior Section Detail – Vertical Message Tower at High Roof
1. Modified detail and keynotes per upper roof enclosure removal.

A-502 Exterior Details

A2 – Exterior Section Detail – Spandrel Sill
1. Modified detail and keynotes per upper roof enclosure removal.

A3 – Exterior Section Detail – Spandrel Head
1. Modified detail and keynotes per upper roof enclosure removal.

B3 – Exterior Section Detail – Vertical Message Tower Head
1. Modified detail and keynotes per upper roof enclosure removal.

C2 – Exterior Section Detail – Canopy Roof at Storefront/Spandrel
1. Updated exterior up-light fixture detailing and keynotes.

D3 – Exterior Section Detail – Spandrel Head at Long Wall
1. Modified detail and keynotes per upper roof enclosure removal.

A-503 Exterior Details

B3 – Exterior Section Detail – Sloped Spandrel Storefront
1. Removed detail in its entirety.

C2 – Exterior Section Detail – Cart Storage End Wall Roof edge
1. Revised structural detailing at the intersection of the full height cart wall and canopy.

A-504 Exterior Details

B3 – Exterior Plan Detail – FCP Outside Corner at Parapet
1. Revised column dimension to coordinate with structural.

D1 – Exterior Plan Detail – Edge of Return Parapet on Roof
1. Modified detail and keynotes per upper roof enclosure removal.

D2 – Exterior Plan Detail – Edge of Return Parapet on Roof
1. Modified detail and keynotes per upper roof enclosure removal.

A-505 Exterior Details

B2 – Exterior Plan Detail – Alum Comp Panel / FCP Transition
1. Modified detail and keynotes per upper roof enclosure removal.

B3 – Exterior Plan Detail – Storefront at Alum Comp Panel
1. Modified detail and keynotes per upper roof enclosure removal.

C3 – Exterior Plan Detail – Vertical Message Tower Above Roof
1. Modified detail and keynotes per upper roof enclosure removal.

D2 – Exterior Plan Detail – Storefront at Outside Corner
1. Modified detail and keynotes per upper roof enclosure removal.

D3 – Exterior Plan Detail – Vertical Message Tower Above Roof
1. Modified detail and keynotes per upper roof enclosure removal.

A-506 Exterior Details

B1 – Exterior Plan Detail – ACP Return Wall at High Roof Edge
1. Modified detail and keynotes per upper roof enclosure removal.

D2 – Exterior Plan Detail – Nichiha Return Wall at Roof
1. Modified detail and keynotes per upper roof enclosure removal.

D3 – Exterior Plan Detail – Nichiha Return Wall at Gutter
1. Added detail in its entirety per upper roof enclosure removal.

A-511 Interior Details

C2 – Interior Section Detail – T.O. Cooler/Freezer at Sales
1. Added CG-A type (FRY REGLET) at cooler/freezer valance.

A-513 Interior Details

D2 – Interior Section Detail – EVAC Floor Sink (Side)
1. Added Plexiglas cover to EVAC floor sink.

A-601 Door Schedules & Details

Door Schedule
1. Revised hardware set for door 102C to 700 and revised door elevation to HH.
2. Revised note for door 110 to NO KNOCK DOWN FRAME.

Door Hardware
1. Removed door 102C from hardware set 500.
2. Added hardware set 700 for door 102C.

12 – Door Elevations
1. Added door elevation HH for HM door with narrow lite glazing.

A-602 Window Elevations & Details

D3 – Glazing Systems

1. Revised height dimension for glazing system J.
2. Revised height dimensions for glazing system K.
3. Added glazing type GL-M to glazing system M.

Glazing Schedule

1. Added glazing type GL-M to schedule for laminated mirrored glass.

A-603 Finish Schedules & Notes

Paint Color Schedule

1. Revised exterior steel (CL-9) paint color.

Interior Paint Color Schedule

1. Corrected specification number of PT-2 for new construction projects.

Wall and Surface Protection Schedule

1. Added remark to CG-A to refer to CG-A schedule for size and location.

Bollard Schedule

1. Revised bollard specification for BLRD-4.

Finish Material Schedule

1. Removed remark of bullnose end from T-5.

PLUMBING

P-101 Plumbing Floor Plan

1 – Plumbing Floor Plan

1. Changed RTU-2 gas connection to 3/4”.
2. Changed main gas line between RTU-1 and UH-2 to 1-1/4”
3. Deleted future gas connection per new proto.
4. Deleted future sanitary connection per new proto.

P-201 Enlarged Plumbing Plans

B1 – Domestic Water Enlarged Plan

1. Relocated HW line for dishwasher.
2. Relocated HW and CW lines for Break Room sink.

D1 – Sanitary Enlarged Plan

1. Relocated sanitary and vent lines for garbage disposal.
2. Added FCU-2 with condensate line to ecommerce room.

P-301 Isometric Diagrams

B1 – Domestic Water Isometric Diagram

1. Relocated HW line for dishwasher.
2. Relocated HW and CW lines for Break Room sink.

B2 – Gas Isometric Diagram

1. Removed future gas connection per new proto.

D1 – Sanitary Isometric Diagram (Office Area)
1. Relocated sanitary and vent lines for garbage disposal.

D2 – Sanitary Isometric Diagram (Back Room)
1. Removed future sanitary connection.

P-501 Plumbing Schedules
PLUMBING MATERIAL LIST
1. Revised floor sink (FS-1) description.

FIRE PROTECTION

FP-101 Fire Protection Floor Plan
D1 – Fire Protection Floor Plan
1. Revised sprinkler head layout and changed associated keynotes in the vestibule.

SPRINKLER HEAD SCHEDULE
1. Removed sidewall head.
2. Removed note 7.

FP-201 Fire Protection Legend and Details
FIRE PROTECTION PLAN KEYNOTES
1. Revised keynote “F6”.
2. Removed keynote “F16”.

FIRE PROTECTION LEGEND
1. Removed extended coverage sidewall head symbol and item.

MECHANICAL

H-000 HVAC Schedules, Symbols & Notes
DUCTLESS SPIT FAN COIL UNIT SCHEDULE
1. Modified schedule for FCUs and the HP.

AIR COOLED HEAT PUMP SCHEDULE
1. Revised schedule.

VENTILATION RATE SCHEDULE
1. Revised Ventilation schedule.

H-101 HVAC Construction Plan
1 – HVAC Construction Plan
1. Added FCU-2 to ecommerce room.

ELECTRICAL

E-101 Lighting Plan
D1 – Lighting Plan
1. Relocated lighting gondola receptacles as clouded per latest updated floor plan and interior elevations.

D2 – Lighting Plan

1. Revised lighting layout in Office 107 per prototype updates as clouded.
2. Revised Produce lighting layout per prototype updates as clouded.
3. Relocated receptacles for LED backlit graphic frames as clouded per latest updated interior elevation.
4. Adjusted fixture locations and added additional emergency lighting fixtures to sales area lighting as clouded.
5. Revised canopy up-lighting layout and fixture ID based on new fixture specification.
6. Revised cross aisle lighting to 8'-0" fixtures.
7. Revised location and added additional spot fixture for checkout area gondola as clouded.

E-102 Schedules and Diagrams

D1 – Lighting Control Diagram

1. Updated control diagram with circuit changes to produce lighting and spot merchandiser lighting circuits as clouded.

LIGHTING LUMINAIRE SCHEDULE

1. Revised specifications for canopy up-lighting fixture and updated ID from "LX" to "L25"
2. Revised fixture D6 to not used.

E-201 Electrical Plan

ELECTRICAL PLAN KEYNOTES

1. Amended key note "E14" to state "All Detex wiring by E.C."
2. Added new key note "E23".

D1 – Electrical Plan

1. Added lighting circuit for spot merchandiser due to updated requirements from AHT.
2. Relocated J-boxes for security rough-in per relocation of the sales door.
3. Relocated FCU-1 per prototype updates as clouded.
4. Provided power for new FCU-2 per prototype updates as clouded.
5. Relocated disconnect switch location for baler as clouded per latest floor plan revision.
6. Relocated duplex receptacle for manager desk as clouded per latest floor plan revision.
7. Added duplex receptacle mounted at roof deck elevation for projector.

E-301 Enlarged Plan

B1 – Enlarged Plan Office, Break Room and Utility

1. Adjusted receptacles location and mounting height in Ecommerce Room per prototypes updates as clouded.

E-401 One-Line Diagram & Schedules

PANELBOARD SCHEDULE L1

1. Added (1) circuit for spot merchandiser lighting.
2. Revised circuit L1-35 to "spare" per produce lighting changes.
3. Added note on panel schedules for "GFEP' type circuit breakers for spot merchandiser refrigeration and lighting circuits.

PANELBOARD SCHEDULE L2

1. Added note on panel schedules for "GFEP' type circuit breakers for spot merchandiser refrigeration and lighting circuits.

PANELBOARD SCHEDULE L3

1. Changed breaker size from 15A/2P to 20A/2P for circuit L3-6,8.

E-502 Electrical Details

B3 – Spot Merchandiser Raceway Detail

1. Updated spot merchandiser raceway detail to include additional lighting circuit due to updated requirements from AHT.

SPECIFICATIONS

Section 000100 Architectural Seals

1. Issued with the change.

Section 000200 Instructions to Bidders

1. Updated bid forms, bonds, application for payment forms, and change order process.

Section 000410 Bid Form

1. Updated bid forms, bonds, application for payment forms, and change order process.

Section 000520/000610 Agreement Form/Bond

1. Updated bid forms, bonds, application for payment forms, and change order process.

TOC – Table of Contents

1. Issued with the change.

Section 054000 Cold-Formed Metal Framing

1. Modified deflection track description to require verification of maximum anticipated roof deflection.

Section 061600 Sheathing

1. Modified specification to call out the use of fire retardant materials when called out in the drawing set.

Section 072600 Vapor Barrier

1. Deleted "Optional" vapor barrier.

Section 074243 Composite Wall Panels

1. Added outside corner molding (part #4535x) attached to sub-framing members for outside corners.

Section 074646 Fiber Cement Wall Panels

1. Updated dimensions for new Nichiha panel system.

Section 088000 Glazing

1. Added GL-M for mirrored glazing (office).
2. Removed GL-3 due to no clerestory glazing anymore.

Section 092216 Non-Structural Metal Framing

1. Modified deflection track description to require verification of maximum anticipated roof deflection.

Site Work Responsibilities (provided by civil consultant – SM Civil Engineering)

The developer will be responsible for the following items and will not be a part of these plans

1. Extend utility service lines for 2" potable water service, 6" sanitary sewer service, 2" natural gas and 6" fire service with backflow preventer to 5' outside building.
2. Install piping to parking lot storm inlet at SW corner of the lot with 12" roof drain to the building pad and 8" roof drains to 5-feet feet outside of building pad. Truck dock and main building roof drainage will be by Aldi contractor.
3. Fine grade the site to within ½" of Tenant's approved grading plan; trim the building pad, fly ash stabilize 12" of soil, and place 12" of granular LVC; provide a sealed elevation certification of the pad and compaction/certifications from Terracon for the LVC pad.
4. Fine grade, re-compact, and trim the parking subgrade; install geogrid and 6" aggregate base on the parking lot, extending 1-foot outside the pavement limits, except in the dock area that will not be graded by Landlord due to drainage.
5. Construct the North-South access drive between Lot 4A and Lot 4B from Donovan Road to the primary East-West Center spline road consisting of 7" poured concrete.

** End of Narrative**

ATTACHMENTS: Sheets: G-001, G-004, S-101, S-102, S-111, S-112, S-302, S-303, S-304, S-401, S-402, S-403, S-404, S-405, S-406, S-407, A-101, A-102, A-111, A-121, A-131, A-201, A-202, A-211, A-212, A-214, A-301, A-302, A-303, A-304, A-306, A-401, A-501, A-502, A-503, A-504, A-505, A-506, A-511, A-513, A-601, A-602, A-603, P-101, P-201, P-301, P-501, FP-101, FP-201, H-000, H-101, E-101, E-102, E-201, E-301, E-401, E-502.

Specifications: 000100, 000200, 000410, 000520/000610, TOC, 054000, 061600, 072600, 074243, 074646, 088000, 092216

ARCHITECT: SGA Design Group, P.C.

BY: Ryan Mullins

ARCHITECT'S ADD 5

ALDI DIVISION CONTACT	☐	Ryan Stemmons, ALDI, Inc.
ARCHITECT	☐	SGA Design Group, P.C.
STRUCTURAL CONSULTANT	☐	360 Engineering Group, PLLC
MEP CONSULTANT	☐	RTM Engineering Consultants, Inc.
GENL CONTRACTOR	☐	TBD

PROJECT: **ALDI RETAIL FACILITY #06**
560 NW Chipman RD
Lee's Summit, MO 64086

ADD 5

OWNER: **ALDI, INC.**

DATE: 10/23/19

TO (CONTRACTOR): TBD

ARCHITECT'S PROJECT NO: 1813308

This Addendum hereby revises and/or clarifies the original Bidding Documents that were given to each bidder for the Project, and shall be taken into account in preparing your bid for the Project. The revisions and/or clarifications are indicated in the following changes. The receipt of this Addendum must be acknowledged on your bid form.

ARCHITECTURAL

A-101 Floor Plan

1 – Floor Plan

1. Removed "STAGING AREA" from eCommerce room name.

A-102 Keyed Notes Plan

Keyed Notes

1. Revised keyed note 51 to 51a.
2. Revised keyed note 52 to 51b.
3. Added keyed notes 52a and 52b.

1 – Keyed Notes Plan

1. Remove keynote 61 from eCommerce.
2. Added keyed note 34 to eCommerce impact door for clarification.
3. Added keyed notes 52a and 52b to eCommerce.
4. Revised checkout counter keyed notes.

A-111 Reflected Ceiling Plan

1 – Reflected Ceiling Plan

1. Removed "STAGING AREA" from eCommerce room name.
2. Adjusted return grille/duct location to match interior elevations and avoid EJ/joist conflict.

A-131 Operations Plan

1 – Operations Plan

1. Removed “STAGING AREA” from eCommerce room name.
2. Removed keynotes for equipment in e-commerce per added keyed notes on sheet A-102 and added equipment notes on A-401 for clarification.

A-201 Exterior Elevations

Exterior Finish Schedule

1. Removed A6a ½ vented panels.

1 – Side (East) Elevation

1. Revised soffit keynotes at tower to A6.

2 – Front (South) Elevation

1. Revised soffit keynotes at tower to A6.

A-202 Exterior Elevations

Exterior Finish Schedule

1. Removed A6a ½ vented panels.

1 – Side (West) Elevation

1. Revised soffit keynotes at tower to A6.

A-212 Interior Elevations

D3 – Sales #102

1. Adjusted and added dimensions for signage update.

A-216 Interior Elevations

A3 – eCommerce #110

1. Revised elevation in its entirety to match proto.

B1 – Break Room #106

1. Added the relocated TV and mirror along with associated notes and dimension.

B3 – eCommerce #110

1. Revised elevation in its entirety to match proto.

C1 – Break Room #106

1. Revised elevation in its entirety to match proto.

C3 – eCommerce #110

1. Revised elevation in its entirety to match proto.

D1 – Break Room #106

1. Removed mirror and relocated electrical outlet.

D3 – eCommerce #110

1. Revised elevation in its entirety to match proto.

A-303 Wall Sections

D1 – Wall Section – Vertical Message Tower (Long Wall)

1. Added note for solid prefinished soffit.

A-304 Wall Sections

B1 – Wall Section – Sales at Sacking Counter

1. Revised soffit from vented to solid panel.

A-305 Wall Sections

C1 – Wall Section – Sales at Sacking Counter

1. Revised soffit from vented to solid panel.
2. Removed slip type head joint.
3. Added horizontal 6” metal stud.

A-401 Enlarged Plans

C1 – Enlarged Plan – Cooler / Freezer / Ancillary

1. Adjusted notes associated with revised cabinet layout in the break room.
2. Relocated TV in the break room.
3. Removed “STAGING AREA” from eCommerce room name and added associated notes per proto layout updates.

A-601 Door Schedules & Details

Door Schedule

1. Revised remark for door 102A to clarify hardware by door supplier.
2. Revised remark for door 110 to clarify hardware by door supplier, no knock-down frame.

Door Hardware

1. Revised hardware set 700 to include a side lite vision panel kit.

A-603 Finish Schedules & Notes

Room Finish Schedule

1. Revised 110 eCommerce room name and removed LPB-1 from wall finishes within this room.

Equipment and Accessory Schedule

1. Added R-2, F-1 and RC-1 to schedule.

PLUMBING

P-101 Plumbing Floor Plan

1 – Plumbing Floor Plan

1. Revised venting layout in office area per new proto update.

P-201 Enlarged Plumbing Plans

B1 – Domestic Water Enlarged Plan

1. Resized RPZ-1 and strainer to 2” to match P-301.

P-301 Isometric Diagrams

B1 – Domestic Water Isometric Diagram

1. Resized RPZ-1 to 2”.
2. Resized CW line to MB-A from ½” to ¾”.
3. Reconnected HWR line to from HW line to CW line

D1 – Sanitary Isometric Diagram (Office Area)

1. Revised venting layout in office area per new proto update.

P-401 Plumbing Details

A1 – Water Service Detail

1. Resized RPZ-1 and strainer to 2” to match P-301.

A3 – Water Heater Piping Diagram

1. Revised pump to RP-1 to match plumbing material list.

FIRE PROTECTION

FP-101 Fire Protection Floor Plan

Sprinkler Head Schedule

1. Removed note 7.

D1- Fire Protection Floor Plan

1. Revised sprinkler head types in the vestibule.
2. Revised sprinkler head layout in the restrooms, hallway and office.
3. Revised keynote in office area from F5 to F16.
4. Revised sprinkler head layout in office area and vestibule per new proto update.

FP-201 Fire Protection Legend and Details

Fire Protection Plan Keynotes

1. Revised keynote “F5”.
2. Added keynote “F16”.

MECHANICAL

H-000 HVAC Schedules, Symbols & Notes

Air Cooled Heat Pump Schedule

1. Modified HP-1 location name to Utility Area.

H-101 HVAC Construction Plan

1 – HVAC Construction Plan

1. Shifted RTU-1 right return air duct to the left above the freezer.

ELECTRICAL

E-301 Enlarged Plan

B1 – Enlarged Plan Office, Break Room and Utility

1. Revised electrical outlets in the Break Room.

SPECIFICATIONS

SECTION 000100 ARCHITECTURAL SEALS

1. Issued with the change.

TABLE OF CONTENTS

1. Issued with the change.

SECTION 107113 EXTERIOR SUN CONTROL DEVICES

1. Removed Sections

** End of Narrative**

ATTACHMENTS: Sheets: A-101, A-102, A-111, A-131, A-201, A-202, A-212, A-216, A-303, A-304, A-305, A-401, A-601, A-603, P-101, P-201, P-301, P-401, FP-101, FP-201, H-000, H-101, E-301

Specifications: 000100 Architectural Seals, Table of Contents, Removed Section 107113

ARCHITECT: SGA Design Group, P.C.
BY: Bethany Husmann

ARCHITECT'S CCD 1

ALDI DIVISION CONTACT	☐	Ryan Stemmons, ALDI, Inc.
ARCHITECT	☐	SGA Design Group, P.C.
STRUCTURAL CONSULTANT	☐	360 Engineering Group, PLLC
MEP CONSULTANT	☐	RTM Engineering Consultants, Inc.
GENL CONTRACTOR	☐	Crossland Construction

PROJECT: **ALDI RETAIL FACILITY #06**
560 NW Chipman RD
Lee's Summit, MO 64086

CCD 1

OWNER: **ALDI, INC.**

DATE: 11/25/19

TO (CONTRACTOR): Crossland Construction

ARCHITECT'S PROJECT NO: 1813308

This CCD to the original Construction Documents, with attached reference drawings and specifications, is issued to inform contractors of the revisions in scope of work. All work set forth in this CCD shall be included as part of the original Contract for Construction.

Please submit an itemized quotation of changes to the Contract Sum and/or Time Incidental to the proposed modifications to the Contract Documents described herein.

THIS IS NEITHER A CHANGE ORDER, NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN.

GENERAL INFORMATION

G-003 Responsibility Schedule – Volume 2

Responsibility Schedule – Division 10 Specialties
102800 Toilet, Bath and Laundry Accessories

1. Changed AC-2 to a Simplehuman paper towel dispenser.

G-004 Responsibility Schedule – Appendix A

Responsibility Schedule – Division 26 Electrical

1. Revised UPS & UPS bypass from schedule.

STRUCTURAL

S-111 Roof Framing Plan

1 – Roof Framing Plan

1. Revised section cut reference at e-commerce exit door.

S-112 High Roof & Canopy Framing Plans

D1 – High Roof Framing Plan

1. Revised framing at wall along B.8.

S-303 Foundation Details

D2 – Section

1. Revised section to reflect comments in submittals.

S-402 Steel Framing Sections & Details

C3/C3a – Section @ Door, Window, or Scupper

1. Revised lintel steel at C3a location.

S-406 Steel Framing Sections & Details

D1 – Section

1. Revised section to reflect framing changes.

ARCHITECTURAL

A-101 Floor Plan

1 – Floor Plan

1. Removed UPS Shelf from the utility area.

A-102 Keyed Notes Plan

Keyed Notes

1. Marked keyed note 22 as “not used.”

1 – Keyed Notes Plan

1. Removed UPS Shelf from the utility area and associated keyed note.
2. Relocated keyed notes 67 and 76 per mirror and time clock relocation.

A-111 Reflected Ceiling Plan

Notes

1. Revised note 2 to clarify that ceiling mounted wireless access point appliances not to be painted.

A-131 Operations Plan

Notes

1. Revised note 2 to add clarification “unless noted otherwise”.

1 – Operations Plan

1. Removed UPS Shelf from the utility area and associated keyed note.

A-201 Exterior Elevations

1 – Side (East) Elevation

1. Added junction box and associated keyed note E3.

Exterior Finish Schedule

1. Added keyed note E3 regarding junction box at door for future card reader.

A-202 Exterior Elevations

Exterior Finish Schedule

1. Added keyed note E3 regarding junction box at door.

A-211 Interior Elevations

B1 – Sales #102

1. Updated graphic representation of door 110.

A-212 Interior Elevations

D3 – Sales #102

1. Added a junction box, conduit for future card reader, door alarm contact electric strike, and door opener control at door 102C.

A-213 Interior Elevations

A1 – Utility Area #108

1. Removed UPS shelf and associated notes.

A-214 Interior Elevations

C1 – Back Room #109 & Utility Area #108

1. Removed UPS shelf and associated notes.

A-216 Interior Elevations

A1 – Break Room #106

1. Removed two Grip-a-Strip display rails.

B1 – Break Room #106

1. Relocated time clock from C1/A216.
2. Relocated mirror.

C1 – Break Room #106

1. Added one Grip-a-Strip display rail.
2. Removed time clock for relocation to B1/A216.

C3 – eCommerce #110

1. Updated graphic representation of door 110.

D1 – Break Room #106

1. Removed wall tile and associated notes.
2. Replaced SS-3 with VB-1.

A-401 Enlarged Plans

C1 – Enlarged Plan – Cooler / Freezer / Ancillary

1. Removed UPS Shelf from the utility area and associated keyed note.

A-513 Interior Details

C3 – Interior Section Detail – UPS Shelf

1. Removed detail.

D3 – Interior Plan Detail – EVAC System

1. Added note to provide opening in acrylic lid.

A-601 Door Schedules & Details

Door Schedule

1. Revised remarks for doors 102C and 110.
2. Revised detail callout for the head condition at door 102C.

Door Hardware

1. Added 32” H protective plate to door hardware set No. 700.

12 – Door Elevations

1. Revised graphic representation of door type GG.

14 – Head Detail

1. Added detail.

A-603 Finish Schedules & Notes

Room Finish Schedule

1. Replaced T-1 with gypsum board on the left wall of the break room 106.

Finish Material Schedule

1. Revised remark for T-1 to exclude the break room wall.

Equipment and Accessory Schedule

1. Revised description-color for TV-1.

MECHANICAL

H-101 HVAC Construction Plan

1 – HVAC Construction Plan

1. Revised supply and return duct layout per new proto update.
2. Relocated supply and return diffusers in coordination with location of light fixtures and sprinkler heads.

ELECTRICAL

E-001 Material List & Notes

Material List

1. Removed item #48 UPS/1 symbol from the material list as clouded.
2. Added items # 51, 52 and 53 to the material list as clouded.

E-101 Lighting Plan

D2 – Lighting Plan

1. Shifted lighting fixtures in Break Room, Office, eCommerce Room, Hallway, Unisex 1 and Unisex 2 as clouded per ceiling grid changes.

E-201 Electrical Plan

Electrical Plan Keynotes

1. Revised keyed note “E17” per UPS being removed from plan.
2. Added new keyed note “E24” per new item.

D1 – Electrical Plan

1. Revised circuits for checkout lanes from UPS to “L2” panel as clouded.
2. Clarified of box and conduit requirements for electric latch, alarm contact, door operator control, and card readers at exterior ecommerce door.

E-301 Enlarged Plan

Enlarged Plan Keynotes

1. Revised keyed note “E3” to “Not Used” per UPS being removed from plan.
2. Revised keyed note “E7” per UPS being removed from plan.

B1 – Enlarged Plan- Office, Break Room and Utility

1. Removed data/twist lock receptacle per removal of UPS.
2. Relocated j-box and power outlet for time lock as clouded.
3. Revised circuits for IT rack and office counter receptacles as clouded.

E-401 One-Line Diagram & Schedules

Panelboard Schedule L2

1. Added circuits for checkout lanes, IT Rack and Office counter to “L2” panel as clouded.

E-501 Electrical Details

A1 – UPS Wiring Diagram

1. Removed detail.

E-502 Electrical Details

B1 – Utility Area Elevations

1. Removed UPS shelf from Utility Area elevations as clouded.

B2 – Utility Area Elevations

1. Removed UPS shelf from Utility Area elevations as clouded.

SPECIFICATIONS

ARCHITECTURAL SEALS

1. Included per construction set issuance.

TABLE OF CONTENTS

1. Updated per proto update.

SECTION 083800 – TRAFFIC DOORS

1. Updated per proto update.

SECTION 102800 – TOILET ACCESSORIES

1. Updated per proto update.

** END OF NARRATIVE**

ATTACHMENTS: Sheets: G-003, G-004, S-111, S-112, S-303, S-402, S-406, A-101, A-102, A-111, A-131, A-201, A-202, A-211, A-212, A-213, A-214, A-216, A-401, A-513, A-601, A-603, H-101, E-001, E-101, E-201, E-301, E-401, E-501, E-502
Specifications: Architectural Seals, Table of Contents, Section 083800, Section 102800

ARCHITECT: SGA Design Group, P.C.

BY: Bethany Husmann

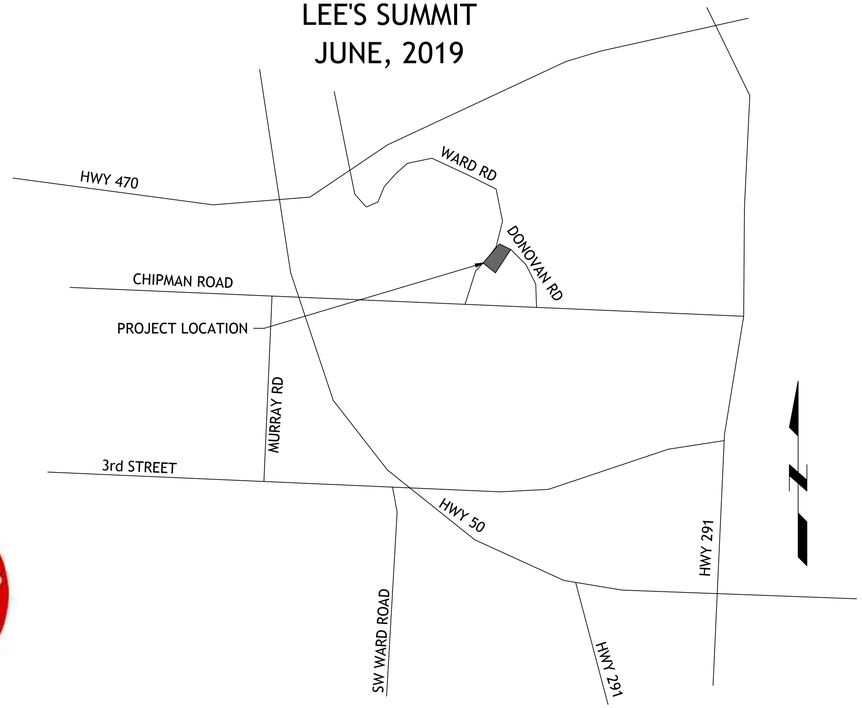
FINAL DEVELOPMENT PLANS

FOR

ALDI'S

LEE'S SUMMIT

JUNE, 2019



LOCATION MAP

UTILITIES
Electric Service
KCP&L
Nathan Michael
913-347-4310
Nathan.michael@kcpl.com

Gas Service
Spire
Katie Darnell
816-969-2247
Katie.darnell@spireenergy.com

Water, Sanitary/Storm Sewer Service
Kent Monter
816-969-1900
kent.monter@cityofls.net

Communication Service
AT&T Carrie Cilke
816-703-4386
cc3527@att.com

Time Warner Cable
Steve Baxter
913-643-1928
steve.baxter@charter.com

Comcast
Ryan Alkire
816-795-2218
ryan.alkire@cable.comcast.com

Google Fiber
Becky Davis
913-725-8745
rebeccadavis@google.com

INDEX OF SHEETS

C-1 COVER SHEET
C-2 EXISTING CONDITIONS
C-3 SITE PLAN
C-4 UTILITY PLAN
C-5 GRADING PLAN
C-6 EROSION CONTROL PLAN
C-7 EROSION CONTROL DETAILS
C-8 STORM LINE A & B PLAN AND PROFILE
C-9 DETAILS
C-10 DETAILS
C-11 DETAILS
C-11.1 DETAILS
C-12 LANDSCAPE PLAN
C-13 LIGHTING PLAN

UTILITY STATEMENT:
THE UNDERGROUND UTILITIES SHOWN HEREON ARE FROM FIELD SURVEY INFORMATION OF ONE-CALL LOCATED UTILITIES, FIELD SURVEY INFORMATION OF ABOVE GROUND OBSERVABLE EVIDENCE, AND/OR THE SCALING AND PLOTTING OF EXISTING UTILITY MAPS AND DRAWINGS AVAILABLE TO THE SURVEYOR AT THE TIME OF SURVEY. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHERMORE, THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES BY EXCAVATION UNLESS OTHERWISE NOTED ON THIS SURVEY.
SAFETY NOTICE TO CONTRACTOR
IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICE, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

WARRANTY/DISCLAIMER
THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENEDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER SM ENGINEERING NOR ITS PERSONNEL CAN OR DO WARRANTY THESE DESIGNS OR PLANS AS CONSTRUCTED, EXCEPT IN THE SPECIFIC CASES WHERE SM ENGINEERING PERSONNEL INSPECT AND CONTROL THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.

CAUTION- NOTICE TO CONTRACTOR
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. THE CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT LOCATIONS OF POSSIBLE CONFLICTS PRIOR TO ANY CONSTRUCTION.

LEGAL DESCRIPTION:
LOT 4A, SUMMIT ORCHARD, LOTS 4A-4E REPLAT OF LOT 4 SUMMIT ORCHARD - FIRST PLAT, LOTS 1-4 & TRACT A

ALL EXISTING TOPOGRAPHIC DATA AND INFRASTRUCTURE IMPROVEMENTS SHOWN BASED ON INFORMATION BY ANDERSON ENGINEERING

DEVELOPER
ALDI'S INC
RYAN STEMMONS, DIRECTOR OF REAL ESTATE
10505 SOUTH K-7 HWY
OLATHE, KS 66061
913-768-1119

ENGINEER
SM ENGINEERING
SAM MALINOWSKY
919 W STEWART RD
COLUMBIA, MO. 65203
785-641-9747

SAMUEL D. MALINOWSKY
PROFESSIONAL ENGINEEER

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Revisions
7-12-19 ADDENDUM #1
9-4-19 CITY COMMENTS
9-6-19 ENTRANCE WALLS
10-3-19 CITY COMMENTS

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Aldi Building
LEE'S SUMMIT, MISSOURI

sheet
C1.0
Civil
COVER SHEET
permit
14 JUNE 2019

ALL EXISTING TOPOGRAPHIC DATA AND INFRASTRUCTURE IMPROVEMENTS SHOWN BASED ON INFORMATION BY ANDERSON ENGINEERING

1"=30'
0 15' 30'

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785.341.9747

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STATE OF MISSOURI
SHANE D. WISKIRCHEN
NUMBER 2010039
PROFESSIONAL ENGINEER

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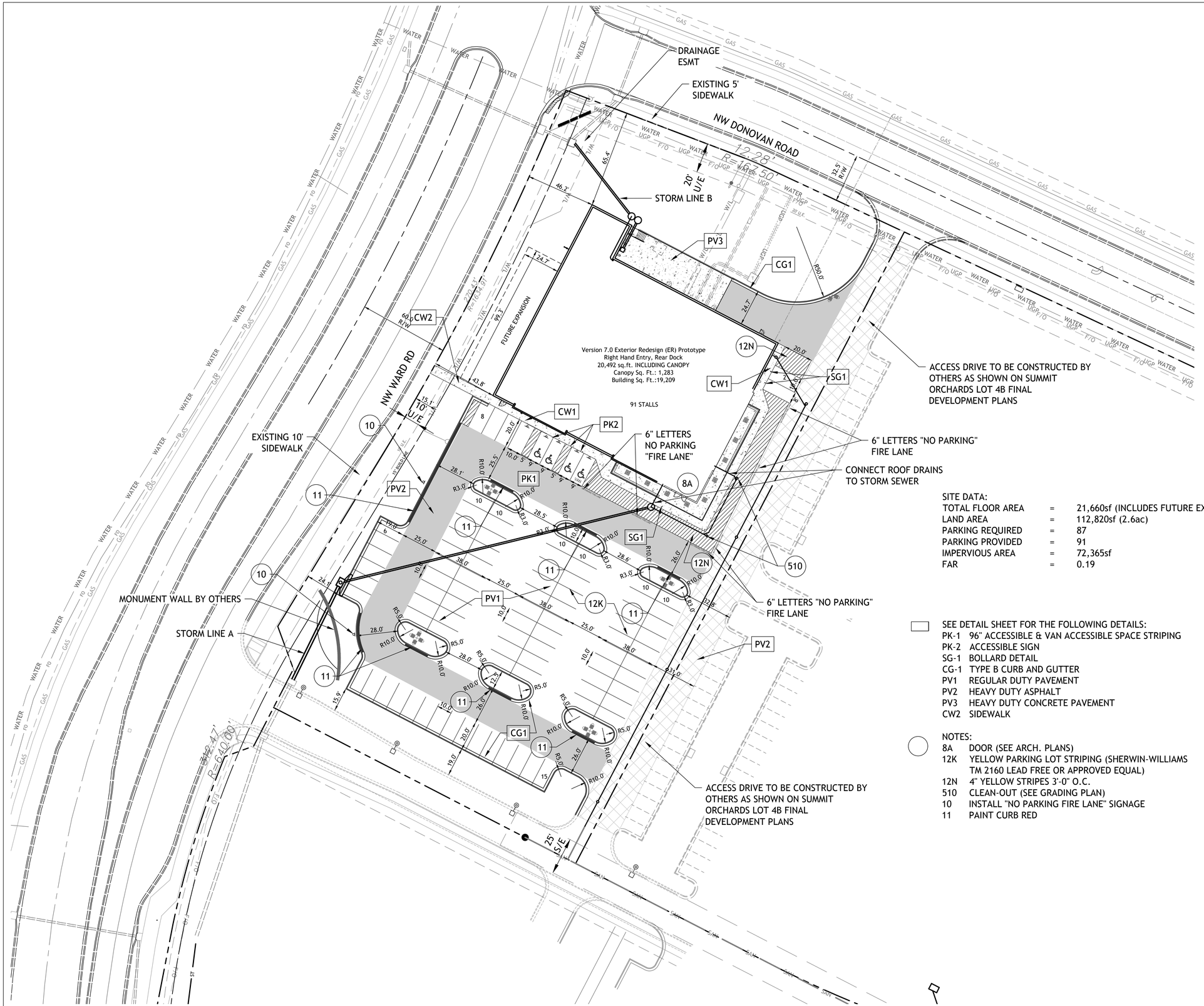

CONSTRUCTION NOTES:

1. COORDINATE START-UP AND ALL CONSTRUCTION ACTIVITIES WITH OWNER.

2. CONSTRUCTION METHODS AND MATERIALS NOT SPECIFIED IN THESE PLANS ARE TO MEET OR EXCEED THE ALDI STANDARD SPECIFICATIONS.

3. ALL CONSTRUCTION WORK AND UTILITY WORK OUTSIDE OF PROPERTY BOUNDARIES SHALL BE PERFORMED IN COOPERATION WITH AND IN ACCORDANCE WITH REGULATIONS OF THE AUTHORITIES CONCERNED.

4. PUBLIC CONVENIENCE AND SAFETY: THE CONTRACTOR SHALL CONDUCT THE WORK IN A MANNER THAT WILL INSURE, AS FAR AS PRACTICABLE, THE LEAST OBSTRUCTION TO TRAFFIC, AND SHALL PROVIDE FOR TI-1E CONVENIENCE AND SAFETY OF THE GENERAL PUBLIC AND RESIDENTS ALONG AND ADJACENT TO HIGHWAYS IN THE CONSTRUCTION AREA.

5. ALL DIMENSIONS SHOWN ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED.

6. ACCESSIBLE STALLS SHOWN WITH A "VAN" SHALL BE 16'-0" MIN. AND SHALL HAVE A SIGN DESIGNATING "VAN-ACCESSIBLE". SEE DETAIL02.

SITE DATA:

TOTAL FLOOR AREA	=	21,660sf (INCLUDES FUTURE EXPANSION)
LAND AREA	=	112,820sf (2.6ac)
PARKING REQUIRED	=	87
PARKING PROVIDED	=	91
IMPERVIOUS AREA	=	72,365sf
FAR	=	0.19

SEE DETAIL SHEET FOR THE FOLLOWING DETAILS:

PK-1	96" ACCESSIBLE & VAN ACCESSIBLE SPACE STRIPING
PK-2	ACCESSIBLE SIGN
SG-1	BOLLARD DETAIL
CG-1	TYPE B CURB AND GUTTER
PV1	REGULAR DUTY PAVEMENT
PV2	HEAVY DUTY ASPHALT
PV3	HEAVY DUTY CONCRETE PAVEMENT
CW2	SIDEWALK

NOTES:

8A	DOOR (SEE ARCH. PLANS)
12K	YELLOW PARKING LOT STRIPING (SHERWIN-WILLIAMS TM 2160 LEAD FREE OR APPROVED EQUAL)
12N	4" YELLOW STRIPES 3'-0" O.C.
510	CLEAN-OUT (SEE GRADING PLAN)
10	INSTALL "NO PARKING FIRE LANE" SIGNAGE
11	PAINT CURB RED

NOTE:

1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRANCE. SLOPED PAVING, EXIT PORCHES. RAMPS, TRUCK DOCKS. PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.

2. THESE PLANS HAVE NOT BEEN VERIFIED WITH FINAL ARCHITECTURAL CONTRACT DRAWINGS. CONTRACTOR SHALL VERIFY AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES. CONTRACTOR IS FULLY RESPONSIBLE FOR REVIEW AND COORDINATION OF ALL DRAWINGS AND CONTRACTOR DOCUMENTS.

3. ALL DIMENSIONS ARE TO BACK OF CURB UNLESS NOTED OTHERWISE

4. ALL DIMENSIONS ARE PERPENDICULAR TO PROPERTY LINE.

5. ACTUAL SIGN LOCATIONS TO BE COORDINATED WITH CONSTRUCTION MANAGER.

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STATE OF MISSOURI
SHANE D. WISKIRCHEN
NUMBER 2010039
PROFESSIONAL ENGINEER
6.10.19

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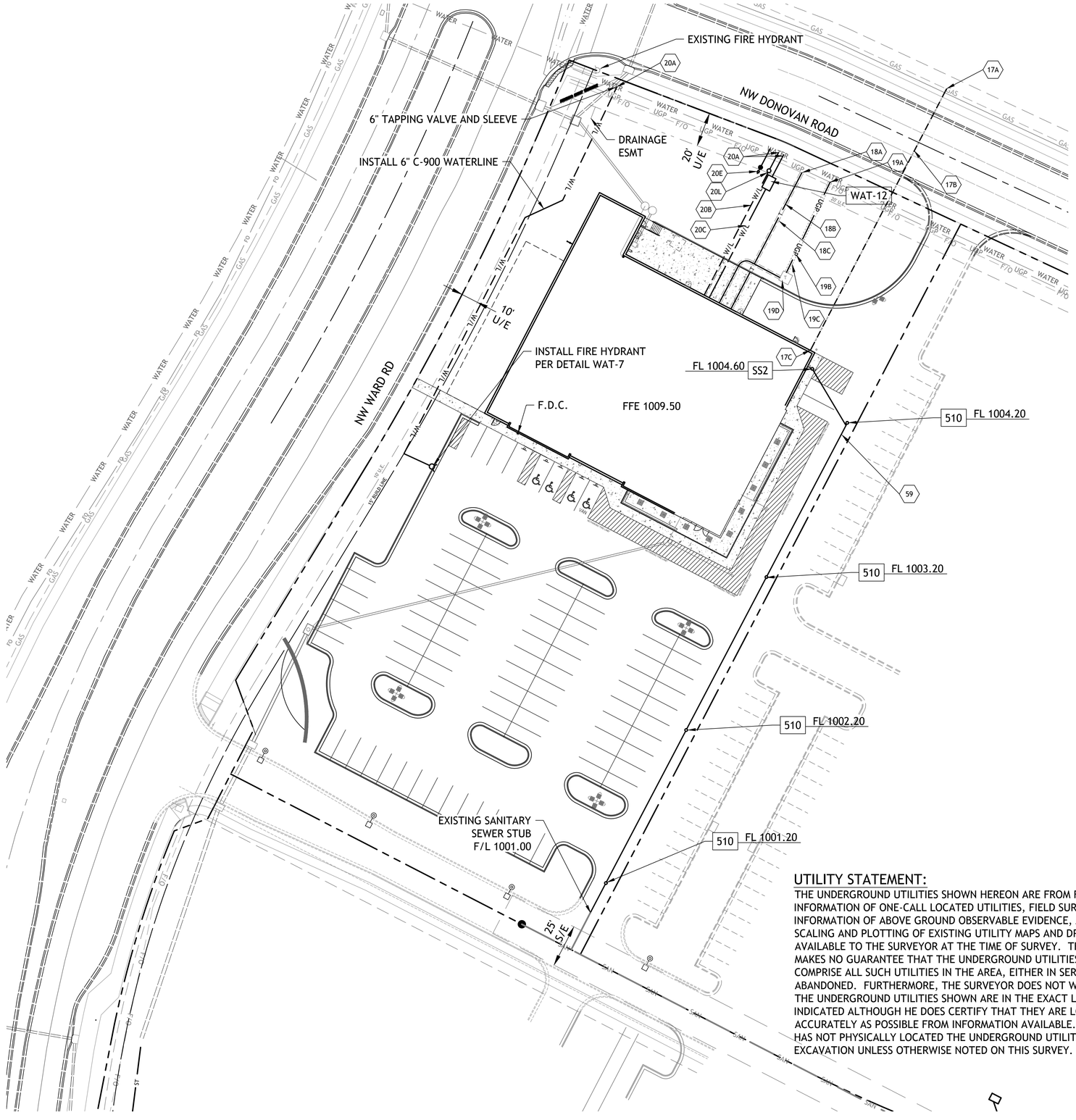

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UTILITY NOTES:

1. ALL UTILITY AND STORM SEWER TRENCHES CONSTRUCTED UNDER AREAS THAT RECEIVE PAVING SHALL BE BACKFILLED TO 18 INCHES ABOVE THE TOP OF THE PIPE WITH SELECT GRANULAR MATERIAL PLACED ON EIGHT-INCH LIFTS, AND COMPACTED TO 95% MODIFIED PROCTOR DENSITY.

2. CONTRACTOR SHALL NOT OPEN, TURN OFF, INTERFERE WITH, OR ATTACH ANY PIPE OR HOSE TO OR TAP ANY WATER MAIN BELONGING TO THE CITY UNLESS DULY AUTHORIZED TO DO SO BY THE CITY. ANY ADVERSE CONSEQUENCE OF ANY SCHEDULED OR UNSCHEDULED DISRUPTIONS OF SERVICE TO THE PUBLIC ARE TO BE THE LIABILITY OF THE CONTRACTOR. SM ENGINEERING AND OWNER ARE TO BE HELD HARMLESS.

3. DISINFECTION AND PRESSURE TESTING OF WATER LINES SHALL BE PERFORMED AND PAID FOR WATER DEPARTMENT 24 HOURS MINIMUM, PRIOR TO ANY TESTING.

4. LOCATIONS SHOWN FOR PROPOSED WATER LINES ARE APPROXIMATE. VARIATIONS MAY BE MADE, WITH APPROVAL OF THE ENGINEER, TO AVOID CONFLICTS.

5. CONTRACTOR TO INSTALL TRACING TAPE ALONG ALL NON-METALLIC WATER MAINS AND SERVICE LINES PER SPECIFICATIONS.

6. CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT LOCATIONS OF POSSIBLE CONFLICT AND POINTS OF CONNECTION PRIOR TO ANY CONSTRUCTION OF NEW UTILITIES.

7. WATER LINES SHALL HAVE A MINIMUM COVER OF 42 INCHES. ALL VALVES ON MAINS AND FIRE HYDRANT LEADS SHALL BE WITH VALVE BOX ASSEMBLIES. THE SIZE OF VALVE BOX ASSEMBLY TO BE INSTALLED IS DETERMINED BY THE TYPE AND SIZE OF VALVE. VALVE BOX CAPS SHALL HAVE THE WORD "WATER".

8. A MINIMUM HORIZONTAL DISTANCE OF 10 FEET SHALL BE MAINTAINED BETWEEN PARALLEL WATER AND SANITARY SEWER LINES. WHEN IT IS NECESSARY FOR ANY WATER LINE TO CROSS A SANITARY SEWER LINE, THE SEWER LINE SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE AT LEAST 10 FEET EITHER SIDE OF THE WATER LINE UNLESS THE WATER LINE IS AT LEAST 2 FEET CLEAR DISTANCE ABOVE THE SANITARY SEWER LINE.

9. INSTALL 2" TYPE "K" COPPER FROM THE MAIN TO THE METER AND EITHER TYPE "K" OR POLYETHYLENE PLASTIC TUBING (PE 3608) FROM METER TO STOP AND WASTE VALVE INSIDE BUILDING.

UTILITY STATEMENT:

THE UNDERGROUND UTILITIES SHOWN HEREON ARE FROM FIELD SURVEY INFORMATION OF ONE-CALL LOCATED UTILITIES, FIELD SURVEY INFORMATION OF ABOVE GROUND OBSERVABLE EVIDENCE, AND/OR THE SCALING AND PLOTTING OF EXISTING UTILITY MAPS AND DRAWINGS AVAILABLE TO THE SURVEYOR AT THE TIME OF SURVEY. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHERMORE, THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES BY EXCAVATION UNLESS OTHERWISE NOTED ON THIS SURVEY.

DETAILS

MS1	TRENCH AND BEDDING DETAILS
SS2	CLEAN-OUT
WAT-12	DCD4 VAULT
WAT-11	WATER SERVICE CONNECTION
WAT-7	FIRE HYDRANT

NOTES

17A	POINT OF CONNECTION - GAS SERVICE
17B	GAS SERVICE (BY GAS COMPANY)
17C	GAS METER
18A	POINT OF CONNECTION - TELEPHONE SERVICE - COORDINATE WITH TELEPHONE COMPANY
18B	UNDERGROUND TELEPHONE SERVICE PER LOCAL TELEPHONE COMPANY
18C	4" CONDUIT INSTALLED BY CONTRACTOR - TELEPHONE SERVICE
19A	POINT OF CONNECTION - ELECTRICAL SERVICE
19B	ELECTRICAL SERVICE
19C	4" CONDUIT INSTALLED BY CONTRACTOR - ELECTRIC SERVICE
19D	TRANSFORMER - ELECTRICAL SERVICE
20A	POINT OF CONNECTION - WATER SERVICE
20B	2" WATER LINE INSTALLED BY CONTRACTOR
20C	6" C-900 FIRE LINE
20E	1.0" METER & RPZ BFPD IN VAULT FOR IRRIGATION
20L	2" METERS PER STANDARD DETAIL WAT-11
59	4" SANITARY SEWER SERVICE LINE-SDR-26 PVC

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0 15' 30'

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STATE OF MISSOURI
CHRISTOPHER D. HUMMEL
NUMBER 2007019972
REGISTERED PROFESSIONAL ENGINEER
10-3-19

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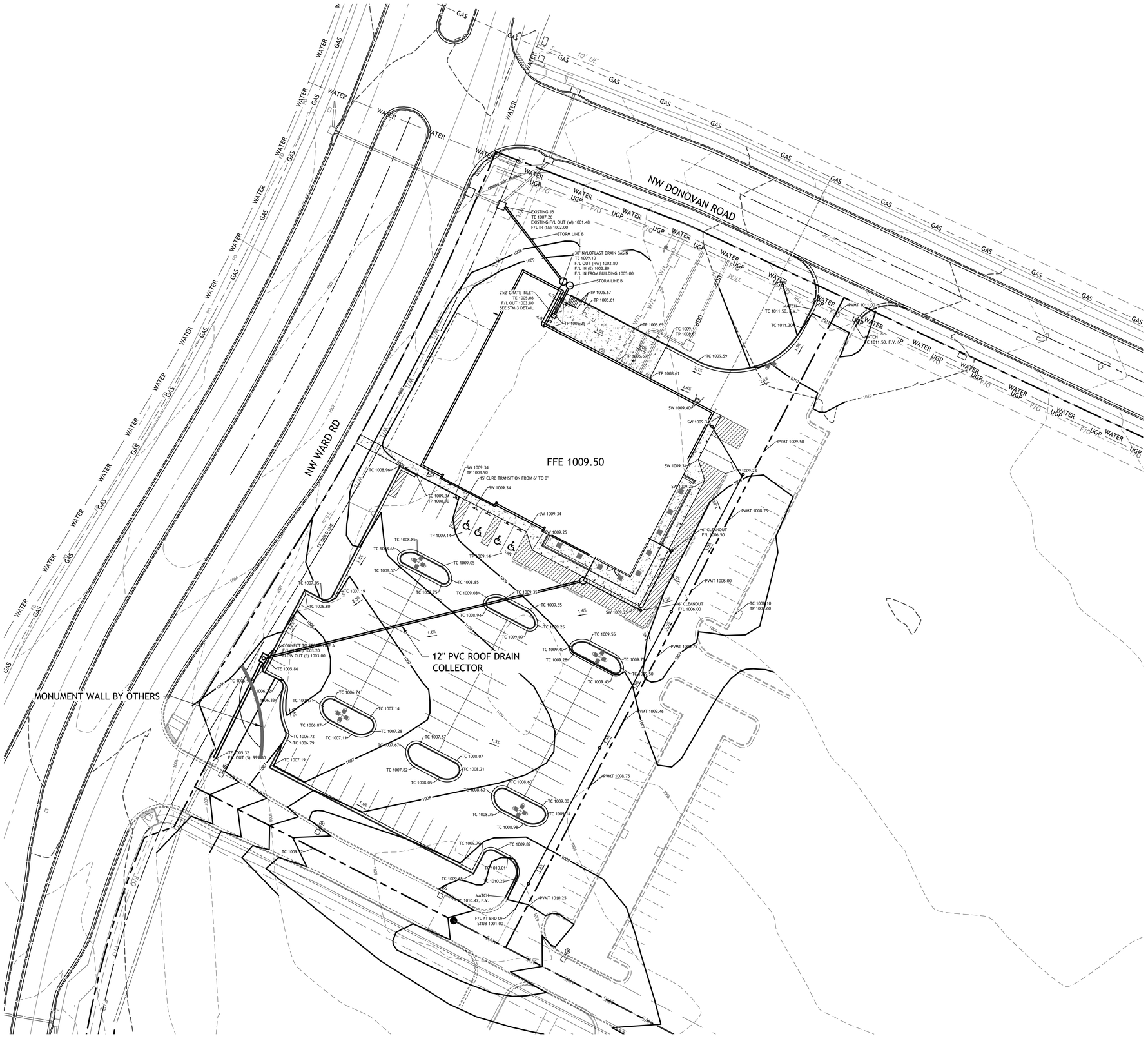

GRADING NOTES:

1. EARTHWORK UNDER THE BUILDING SHALL COMPLY WITH THE PROJECT ARCHITECTURAL PLANS. OTHER FILL MATERIAL SHALL BE MADE IN LIFTS NOT TO EXCEED EIGHT INCHES DEPTH COMPACTED TO 95% STANDARD PROCTOR DENSITY. FILL MATERIAL MAY INCLUDE ROCK FROM ON-SITE EXCAVATION IF CAREFULLY PLACED SO THAT LARGE STONES ARE WELL DISTRIBUTED AND VOIDS ARE COMPLETELY FILLED WITH SMALLER STONES, EARTH, SAND OR GRAVEL TO FURNISH A SOLID EMBANKMENT. NO ROCK LARGER THAN THREE INCHES IN ANY DIMENSION NOR ANY SHALE SHALL BE PLACED IN THE TOP 12 INCHES OF EMBANKMENT.

2. AREAS THAT ARE TO BE CUT TO SUBGRADE LEVELS SHALL BE PROOF ROLLED WITH A MODERATELY HEAVY LOADED DUMP TRUCK OR SIMILAR APPROVED CONSTRUCTION EQUIPMENT TO DETECT UNSUITABLE SOIL CONDITIONS.

3. IN ALL AREAS OF EXCAVATION, IF UNSUITABLE SOIL CONDITIONS ARE ENCOUNTERED. A QUALIFIED GEOTECHNICAL ENGINEER SHALL RECOMMEND TO THE OWNER THE METHODS OF UNDERCUTTING AND REPLACEMENT OF PROPERLY COMPACTED, APPROVED FILL MATERIAL. ALL PROOF ROLLING AND UNDERCUTTING SHOULD BE PERFORMED DURING A PERIOD OF DRY WEATHER.

4. CONTRACTOR SHALL USE SILT FENCE OR OTHER MEANS OF CONTROLLING EROSION ALONG THE EDGE OF THE PROPERTY OR OTHER BOTTOM OF SLOPE LOCATIONS.

5. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS.

6. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASES OF THIS PROJECT.

7. IT IS NOT THE DUTY OF THE ENGINEER OR THE OWNER TO REVIEW THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE AT ANY TIME DURING CONSTRUCTION.

8. THE SITEWORK FOR THIS PROJECT SHALL MEET OR EXCEED ALDI'S STANDARD SITEWORK SPECIFICATIONS.

9. PIPE LENGTHS ARE CENTER TO CENTER OF STRUCTURE OR TO END OF END SECTIONS.

10. HANDICAP STALLS SHALL MEET ADA REQUIREMENTS AND SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION AT THE BUILDING ENTRY AND ACCESSIBLE PARKING STALLS. SLOPES EXCEEDING 2.0% WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

11. CONTRACTOR TO ADJUST DEPTHS OF EXISTING SERVICE LINES AS NECESSARY

12. ALL CONSTRUCTION TRAFFIC, TEMPORARY TRAFFIC CONTROL DEVICES AND PAVEMENT MARKINGS SHALL CONFORM TO REQUIREMENTS OF THE LATEST MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

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STATE OF MISSOURI
CHAD D. SMITH
NUMBER 2012037772
PROFESSIONAL ENGINEER
10-3-19

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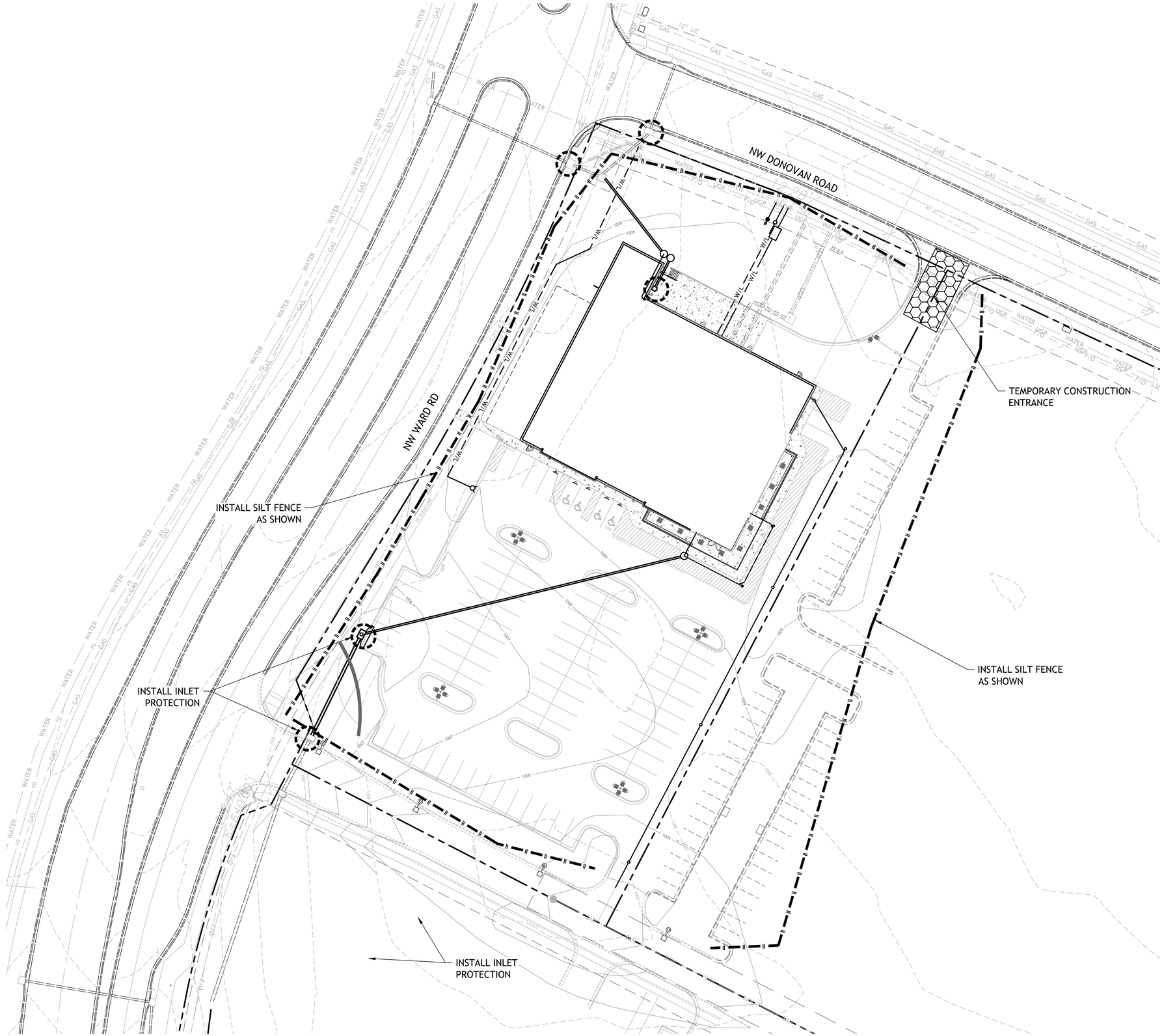

NOTES:

1. Prior to Land Disturbance activities, the following shall occur:
   a) Identify the limits of construcijan on the ground with easily recognizable indications such as construction staking, construction fencing and placement of physical barriers or other means acceptable to the City inspector and in conformance with the erosion and pollution control plan;
   b) Construct a stabilized entrance/parking/staging area;
   c) Install perimeter controls and protect any existing stormwater inlets;
   d) Request an initial inspection of the installed Phase I pollution control measures designated on the approved erosion and pollution control plan. Land disturbance work shall not proceed until there is a passed inspection
2. The site shall comply with all requirements of the MoDNR general requirements
   a) Immediate initiation of temporary stabilization BMPs on disturbed areas where construction activities have temporarily ceased on that portion of the project site if construction activities will not resume for a period exceeding 14 calendar days. Temporary stabilization may include establishment of vegetation, geotextiles, mulches or other techniques to reduce or eliminate erosion until either final stabilization con be achieved or until further construction activities take place to re-disturb the area. This stabilization must be completed within 14 calendar days;
   b) Inspection of erosion and sediment control measures shall be performed to meet or exceed the minimum inspection frequency in the MoDNR General Permit. At a minimum, inspections shall be performed during all phases of construction at least once every 14 days and within 24 hours of each precipitation event.
   c) An inspection log shall be maintained and shall be available for review by the regulatory authority;
   d) The erosion and pollution control plan shall be routinely updated to show all modifications and amendments to the original plan. A copy of the erosion and pollution control plan shall be kept on site and made available for review by the regulatory authority.
3. Temporary seeding shall only be used for periods not to exceed 12 months. For final stabilization. temporary seeding shall only be used to establish vegetation outside the permanent seeding or sodding dates as specified in the Standard Specifications. Final stabilization requires a uniform perennial vegetative cover with a density of 70% over 100% of disturbed area.
4. Erosion and pollution control shall be provided for the duration of a project. All installed erosion and pollution control BMPs shall be maintained in a manner that preserves their effectiveness. If the City determines that the BMPs in place do not provide adequate erosion and pollution control at any time during the project, additional or alternate measures that provide effective control shall be required.
5. Concrete wash or rinse water from concrete mixing equipment. Tools and/or ready-mix trucks. etc. may not be discharged into or be allowed to run to any existing water body or portion of the storm water system. One or more locations for concrete washout will be designated on site, such that discharges during concrete washout will be contained in a small area where waste concrete can solidify in place. Proper signage will be installed to direct users to the concrete washout. Concrete washouts must be handled prior to pouring any concrete.
6. Silt fences and sediment control BMPs which are shown along the back of curb must be installed within two weeks of curb backfill and prior to placement of base asphalt. Exact locations of these erosion control methods may be field adjusted to minimize conflicts with utility construction. However, anticipated disturbance by utility construction shall not delay installation.
7. Required sediment basins and traps shall be installed as early as possible during mass grading. Sediment basins and traps shall be cleaned out when the sediment capacity has been reduced by 20% of its original design volume.
8. All manufactured BMPs such as erosion control blankets, TRMs, biodegradable logs, filter socks, synthetic sediment barriers and hydraulic erasion control shall be installed as directed by the manufacturer.
9. The above requirements are the responsibility of the permittee for the site. Responsibility may be transferred to another party by the permittee, but the permittee shall remain liable by the City of Lee's Summit if any of the above conditions are not met.

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STATE OF MISSOURI
SCOTT D. MILLER
NUMBER 2006018744
BUSINESS
REGISTERED PROFESSIONAL ENGINEER
10-3-19

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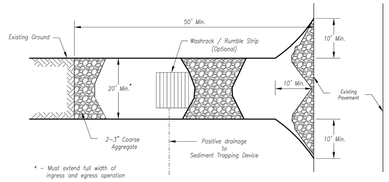
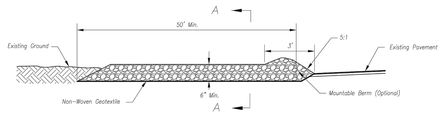
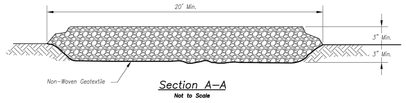
EROSION CONTROL
permit
14 JUNE 2019



Plan View
Not to Scale



Side Elevation
Not to Scale



Section A-A
Not to Scale

Notes for Construction Entrance:

1. Avoid locating on steep slopes, at curves on public roads, or downhill of disturbed area.
2. Remove all vegetation and other unsuitable material from the foundation area, grade, and crown for positive drainage.
3. If slope towards the public road exceeds 2%, construct a 6- to 8-inch high ridge with 3H:1V side slopes across the foundation approximately 15 feet from the edge of the public road to divert runoff from it.
4. Install pipe under the entrance if needed to maintain drainage ditches along public roads.
5. Place stone to dimensions and grade as shown on plans. Leave surface sloped for drainage.
6. Divert all surface runoff and drainage from the entrance to a sediment control device.
7. If conditions warrant, place geotextile fabric on the graded foundation to improve stability.

Maintenance for Construction Entrance:

1. Reshape entrance as needed to maintain function and integrity of installation. Top dress with clean aggregate as needed.

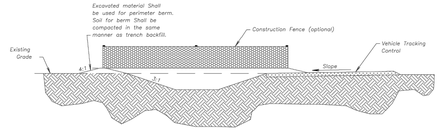
CONSTRUCTION ENTRANCE

Notes for Concrete Washout:

1. Concrete washout areas shall be installed prior to any concrete placement on site.
2. Concrete washout area shall include a flat subsurface pit sized relative to the amount of concrete to be placed on site. The slopes leading out of the subsurface pit shall be 3:1. The vehicle tracking pad shall be sloped towards the concrete washout area.
3. Vehicle tracking control is required at the access point to all concrete washout areas.
4. Signs shall be placed at the construction site entrance, washout area and elsewhere as necessary to clearly indicate the location(s) of the concrete washout area(s) to operators of concrete truck and pump rigs.
5. A one-piece impervious liner may be required along the bottom and sides of the subsurface pit in sandy or gravelly soils.

Maintenance for Concrete Washout:

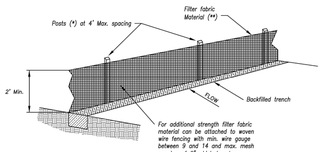
1. Concrete washout materials shall be removed once the materials have filled the washout to approximately 75% full.
2. Concrete washout areas shall be enlarged as necessary to maintain capacity for wasted concrete.
3. Concrete washout water, wasted pieces of concrete and all other debris in the subsurface pit shall be transported from the job site in a water-tight container and disposed of properly.
4. Concrete washout areas shall remain in place until all concrete for the project is placed.
5. When concrete washout areas are removed, excavations shall be filled with suitable compacted backfill and topsoil, any disturbed areas associated with the installation, maintenance, and/or removal of the concrete washout areas shall be stabilized.



CONCRETE WASHOUT

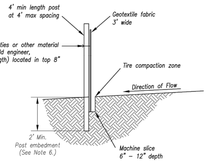
Construction Entrance modified from 2015 Overland Park Standard Details for Erosion and Sediment Control; Concrete Washout modified from 2009 City of Great Bend Standard Drawings.

AMERICAN PUBLIC WORKS ASSOCIATION	
Kansas City Metro Chapter APWA AMERICAN PUBLIC WORKS ASSOCIATION	KANSAS CITY METRO CHAPTER
CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT	STANDARD DRAWING NUMBER ESC-01 ADOPTED: 10/24/2016



(*) POSTS
- MIN. LENGTH 4'
- HARDWOOD 1 ½" x 1 ½"
- NO.2 SOUTHERN PINE 2 ⅜" x 2 ⅜"
- STEEL 1.33 LB/FT

(**) - Geotextile Fabric shall meet the requirements of AASHTO M288



Notes:

1. In order to contain water, the ends of the silt fence must be turned uphill (Figure A).
2. Long perimeter runs of silt fence must be limited to 100'. Runs should be broken up into several smaller segments to minimize water concentrations (Figure A).
3. Long slopes should be broken up with intermediate rows of silt fence to slow runoff velocities.
4. Attach fabric to upstream side of post.
5. Install posts a minimum of 2' into the ground.
6. Trenching will only be allowed for small or difficult installation, where slicing machine cannot be reasonably used.

SILT FENCE DETAILS
Not to Scale

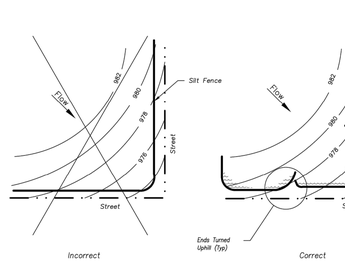
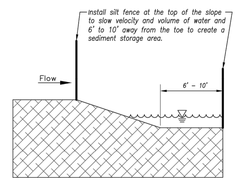


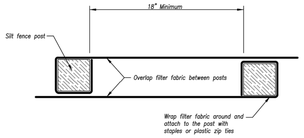
Figure A

SILT FENCE LAYOUT
Not to Scale



Maintenance:

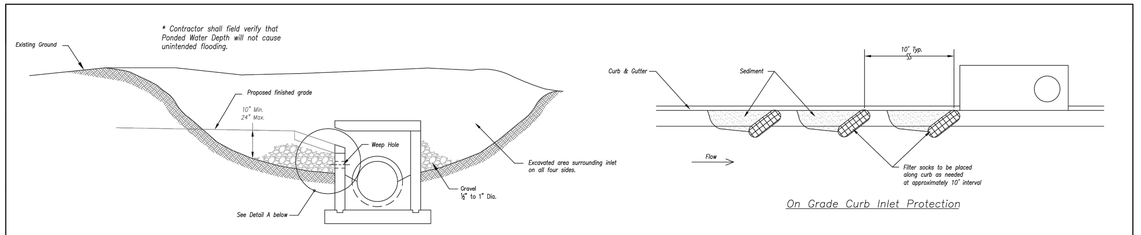
1. Remove and dispose of sediment deposits when the deposit approaches ½ the height of silt fence.
2. Repair as necessary to maintain function and structure.



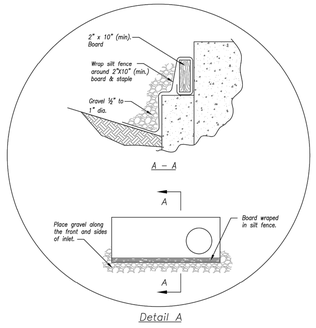
JOINING FENCE SECTIONS
Not to Scale

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.

AMERICAN PUBLIC WORKS ASSOCIATION	
Kansas City Metro Chapter APWA AMERICAN PUBLIC WORKS ASSOCIATION	KANSAS CITY METRO CHAPTER
SILT FENCE	STANDARD DRAWING NUMBER ESC-03 ADOPTED: 10/24/2016



On Grade Curb Inlet Protection



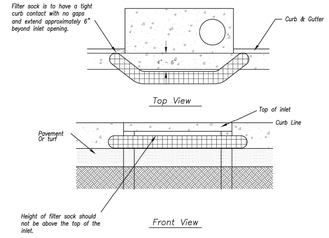
EARLY STAGE CURB INLET
(Open Box and Prior to Pouring Curb and Inlet Throat)

Notes:

1. Immediately following inlet construction and prior to construction of curb and inlet throat, protect inlet opening by installing 2" X 10" (min.) board wrapped in silt fence. Structures shall have excavated storage area on all four sides to allow settling of sediment (Early Stage Curb Inlet).
2. When inlet is completed and curb poured, filter socks or approved equal should be used (Late Stage Curb Inlet). Straw wattles are not approved for curb inlet use.
3. Contractor to field verify ponding water shall not create a traffic hazard.

Maintenance:

1. Remove deposited sediment from excavated storage areas when available storage has been reduced by 20%.
2. Remove deposited sediment from filter socks or similar when any accumulation of sediment is visible.
3. Repair or replace as necessary to maintain function and integrity of installation.



Sump Inlet Sediment Filter

LATE STAGE CURB INLET
(After Pouring Curb and Inlet Throat)

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.

AMERICAN PUBLIC WORKS ASSOCIATION	
Kansas City Metro Chapter APWA AMERICAN PUBLIC WORKS ASSOCIATION	KANSAS CITY METRO CHAPTER
CURB INLET PROTECTION	STANDARD DRAWING NUMBER ESC-06 ADOPTED: 10/24/2016

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SME
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785.341.9747

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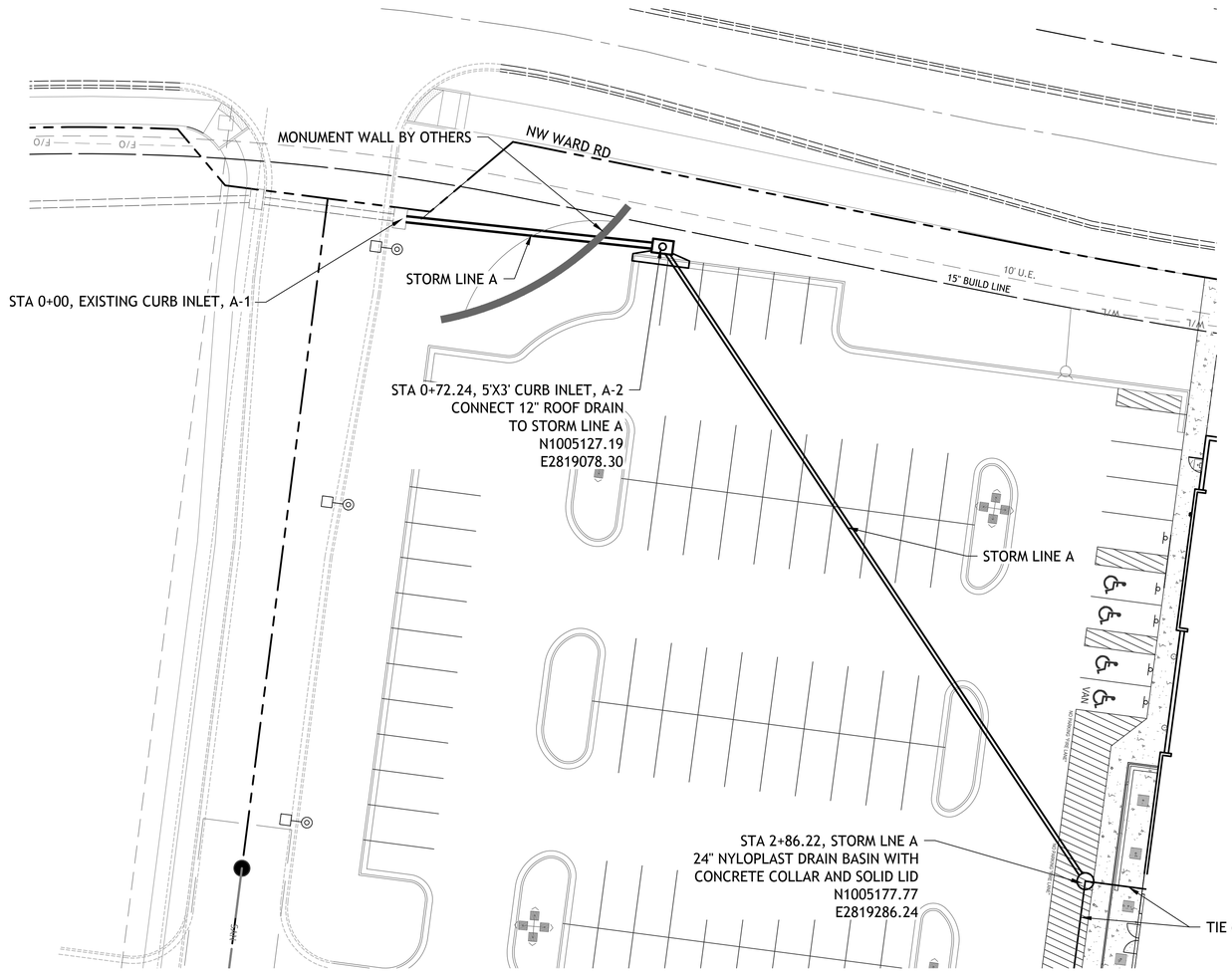
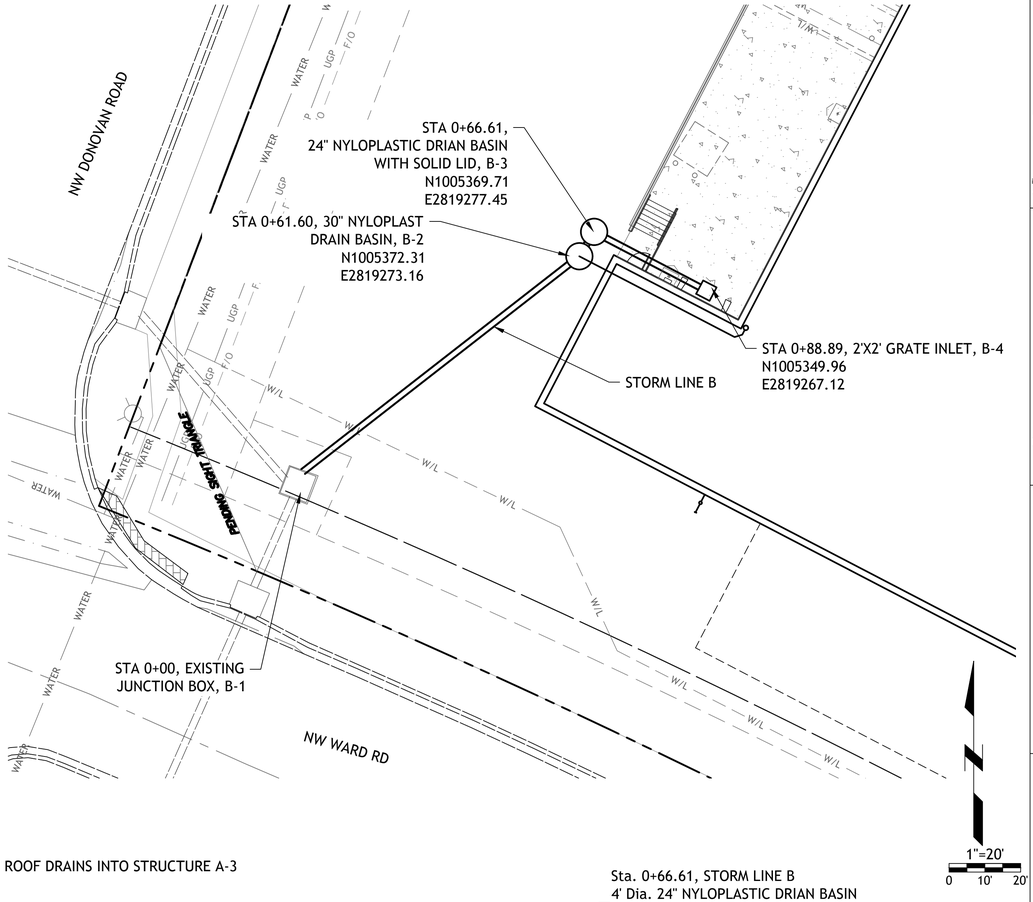
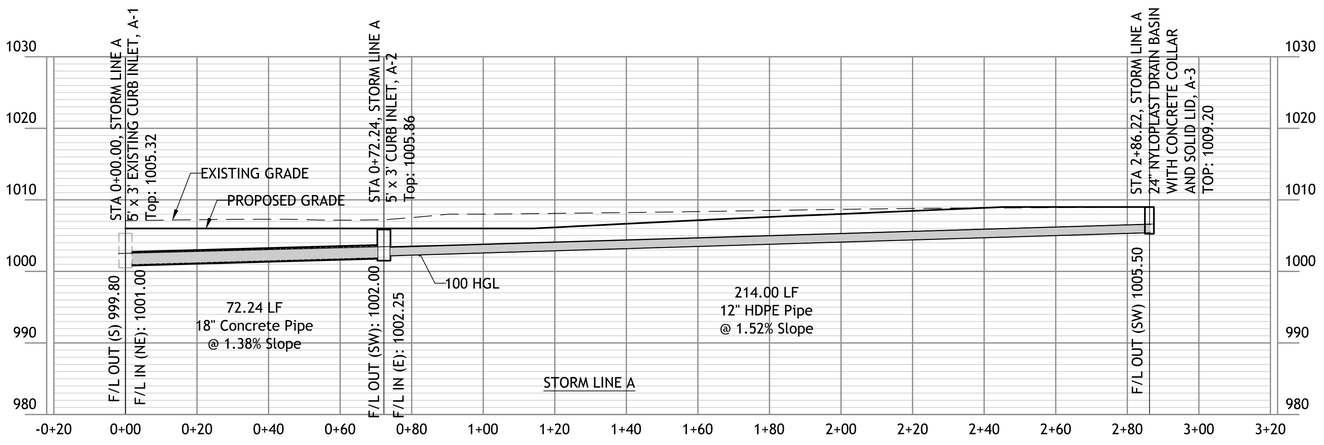
Revisions
7-12-19 ADDENDUM #1
9-4-19 CITY COMMENTS
9-6-19 ENTRANCE WALLS
10-3-19 CITY COMMENTS

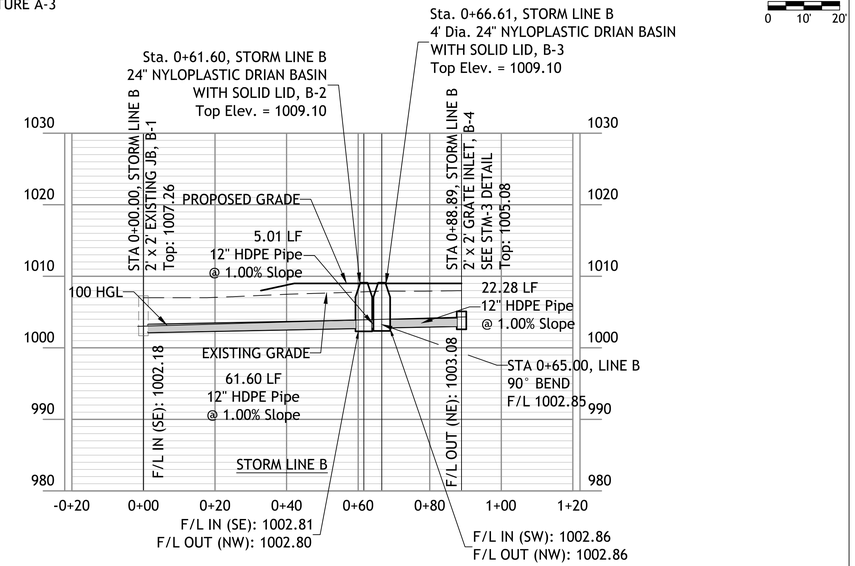
ALDI
Incorporated
Aldi Building
LEE'S SUMMIT, MISSOURI

sheet
C7.0
Civil
EROSION CONTROL DETAILS
permit
14 JUNE 2019









1"=20'
0 10' 20'
HORIZONTAL
1"=10'
0 5' 10'
VERTICAL

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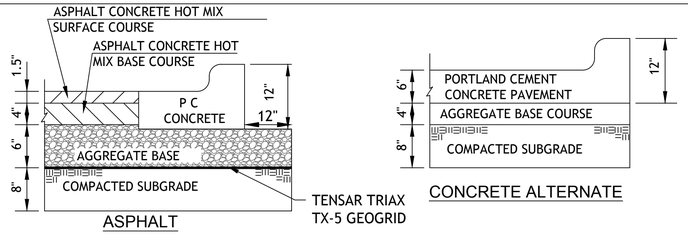
STATE OF MISSOURI
SHANE D. MATHIS
NUMBER 2012038755
REGISTERED
PROFESSIONAL ENGINEER
10-3-19

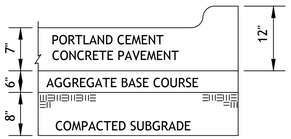
Revisions
7-12-19 ADDENDUM #1
9-4-19 CITY COMMENTS
9-6-19 ENTRANCE WALLS
10-3-19 CITY COMMENTS

ALDI
Incorporated
Aldi Building
LEE'S SUMMIT, MISSOURI

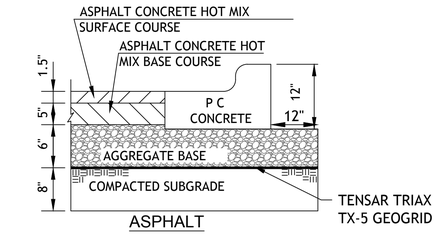
sheet
C8.0
Civil
STORM LINE A & B
PLAN & PROFILE
permit
14 JUNE 2019



REGULAR PAVING — PV1



HEAVY DUTY CONCRETE — PV3

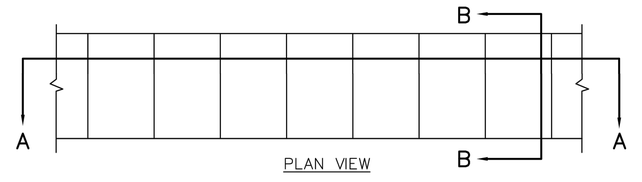


HEAVY DUTY ASPHALT — PV2

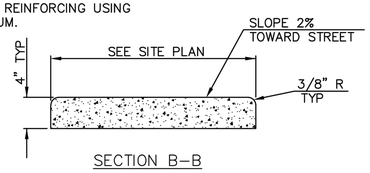
1. FLEXIBLE PAVEMENT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MISSOURI DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.

   ASPHALT SURFACE COURSE - APWA TYPE 3-01
   ASPHALT BASE COURSE - APWA TYPE 2-01
   AGGREGATE BASE MoDOT TYPE 5 OR EQUIVALENT

2. PORTLAND CEMENT CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS WITH 6% ENTRAINED AIR ±2% AND SHALL MEET OR EXCEED THE SPECIFICATIONS SET FORTH IN THE LATEST EDITION OF THE MISSOURI DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.

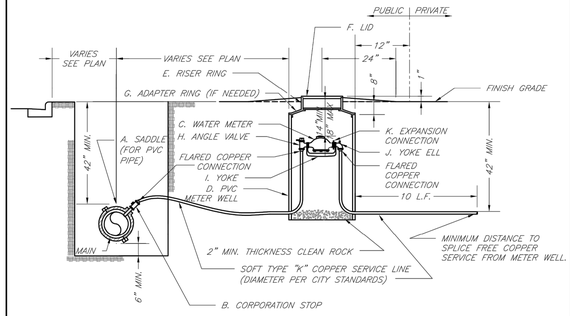


NOTE: WHERE SIDEWALKS ARE INTEGRAL WITH DRIVE ENTRANCES INCREASE DEPTH TO 6" AND PROVIDE REINFORCING USING 6x6 #10 WIRE MINIMUM.



CONCRETE SIDEWALK — CW2

NOTE: CONCRETE SHALL BE KCMMB 4K

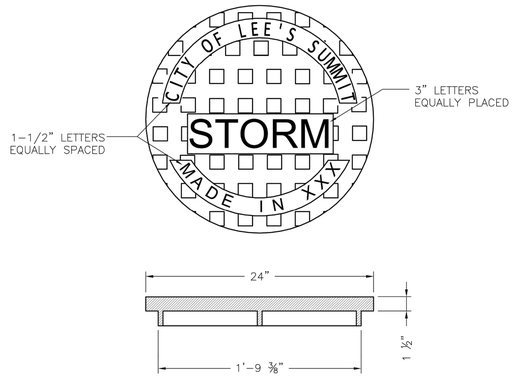


TYPICAL METER INSTALLATION – 2" AND SMALLER
NOT TO SCALE

NOTES:

1. METER INSTALLATION SHALL NOT BE LOCATED IN AREAS SUBJECT TO VEHICULAR TRAFFIC OR IN CONCRETE PAVEMENT WITHOUT CITY APPROVAL.
2. IF METER IS TO BE LOCATED OTHER THAN IN FRONT OF PROPERTY LINE, CITY APPROVAL SHALL BE OBTAINED.
3. CITY TO FURNISH ITEMS A-K.
4. NO OTHER EQUIPMENT SHALL BE INSTALLED IN THIS PIT.
5. 42" MINIMUM BURY DEPTH FOR ALL SERVICE LINES.
6. EXCAVATION FOR TAP TO EXPOSE 4 LINEAR FEET OF MAIN.
7. NO SPLICES ALLOWED BETWEEN METER AND MAIN.
8. SERVICE CONNECTION TAP AT APPROXIMATELY 45 DEGREES.
9. LID AND RISER RING SHALL BE SET SO THAT GROUND WATER WILL DRAIN AWAY FROM THE WELL.
10. CONTACT WATER UTILITIES, 816-969-1900, FOR REQUIREMENTS OF A METER LARGER THAN 2"

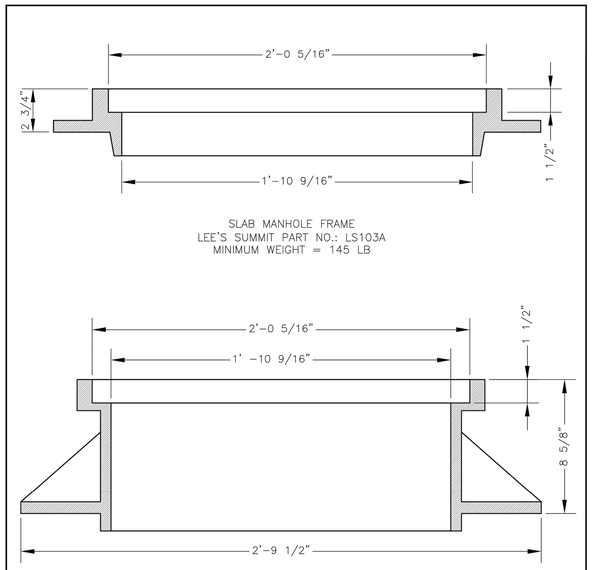
LS	LEE'S SUMMIT MISSOURI PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063	Date: 02/13 Drawn By: JN Checked By: DL FILE: WAT-7 Rev: 1/14 Rev:
	SERVICE CONNECTION/METER WELL	



STANDARD 24" MANHOLE COVER
MINIMUM WEIGHT = 160 LB
NOTE: PICK HOLES NOT SHOWN

*COVER AND FRAME MODEL INFORMATION REFER TO THE STORMWATER APPROVED PRODUCT LIST.

LS	LEE'S SUMMIT MISSOURI PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063	Date: 04/17 Drawn By: MJF Checked By: DL
	STORM MANHOLE COVER DETAIL	STM-6

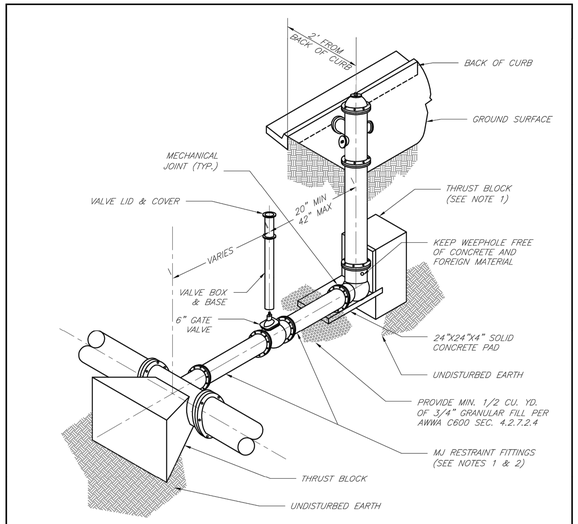


SLAB MANHOLE FRAME
LEE'S SUMMIT PART NO.: LS103A
MINIMUM WEIGHT = 145 LB

STANDARD 24" MANHOLE FRAME
LEE'S SUMMIT PART NO.: LS101A
MINIMUM WEIGHT = 250 LB

*COVER AND FRAME MODEL INFORMATION REFER TO THE STORMWATER APPROVED PRODUCTS LIST.

LS	LEE'S SUMMIT MISSOURI PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063	Date: 04/17 Drawn By: MJF Checked By: DL
	STORM MANHOLE FRAME DETAIL	STM-7



NOTES:

1. WHEN RETAINER GLANDS ARE USED IN LIEU OF MECHANICAL JOINT (MJ) RESTRAINT FITTINGS, HORIZONTAL THRUST BLOCKS ARE REQUIRED.
2. GATE VALVE MAY BE BOLTED DIRECTLY TO MJ RESTRAINT TEE.
3. SEE APPROVED PRODUCTS LIST FOR WATER UTILITIES FOR FIRE HYDRANT, VALVES, VALVE BOX LID, AND COVER.
4. BOTTOM HYDRANT FLANGE SHALL BE 2" TO 6" ABOVE FINISHED GRADE.
5. FOR STREETS WITHOUT CURBS FIRE HYDRANTS SHALL BE PLACED WITHIN 1 FOOT OF THE R/W LINE, BUT NOT MORE THAN 10' FROM EDGE OF PAVEMENT. FIRE HYDRANT SHALL NOT BE PLACED IN BOTTOM OF DITCH.
6. HYDRANT SHALL BE ROTATED AS DIRECTED BY INSPECTOR.

LS	LEE'S SUMMIT MISSOURI PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063	Date: 02/13 Drawn By: JN Checked By: DL FILE: WAT-7 Rev: 1/14 Rev:
	HYDRANT INSTALLATION – STRAIGHT SET	

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919 W. Stewart Road
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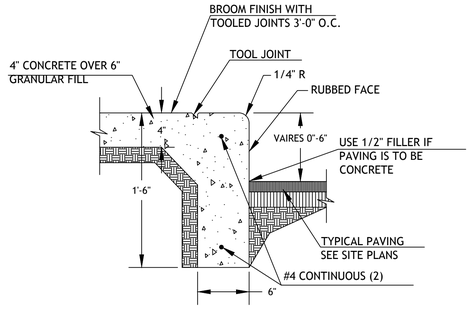
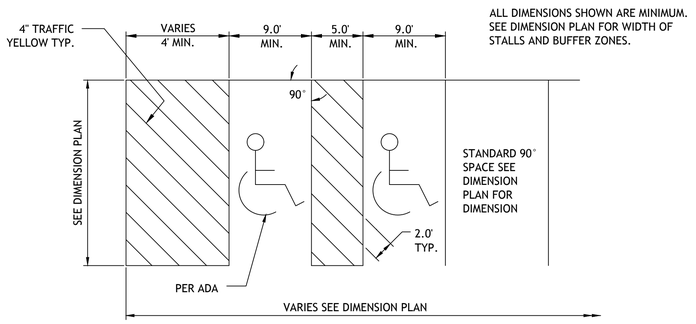
9-6-19 ENTRANCE WALLS
10-3-19 CITY COMMENTS

ALDI
Incorporated
Aldi Building
LEE'S SUMMIT, MISSOURI

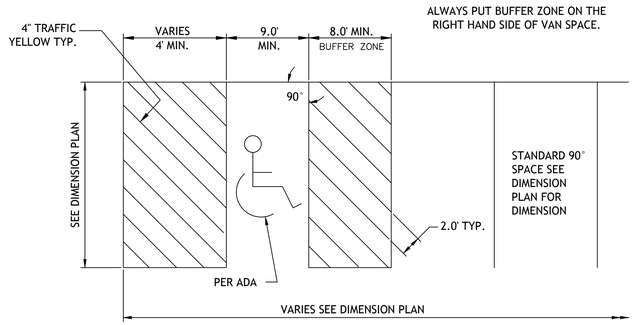
sheet
C9.0
Civil
DETAILS
permit
14 JUNE 2019



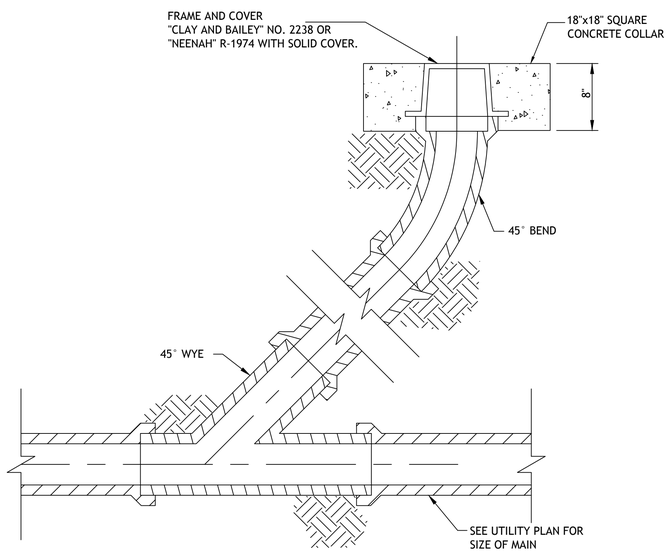
CURB WALK/CURB (AT BUILDING) CW1



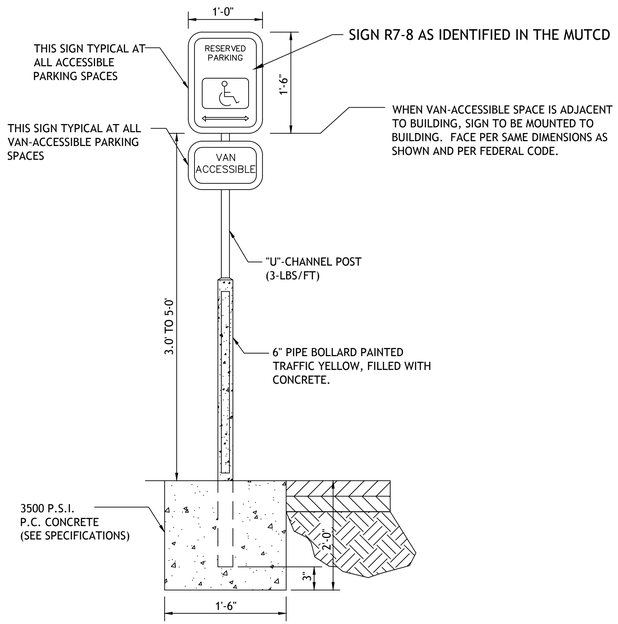
NOTE: PARKING SPACES AND ACCESS ISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 1:50 IN ALL DIRECTIONS



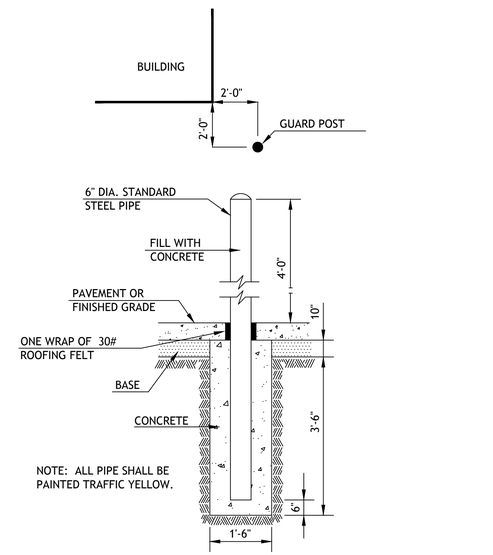
90° ACCESSIBLE & VAN ACCESSIBLE SPACE STRIPING PK1



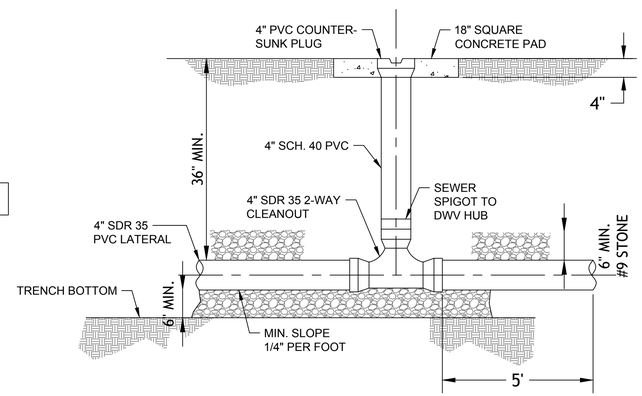
CLEAN-OUT 510



ACCESSIBLE PARKING SIGN PK2



BOLLARD DETAIL SG1



TWO WAY CLEANOUT SS2

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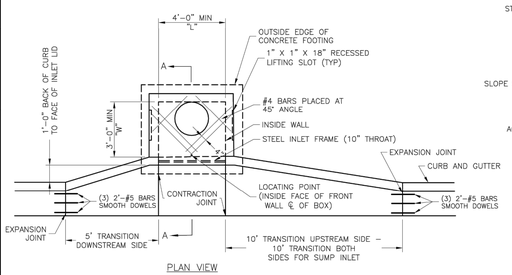
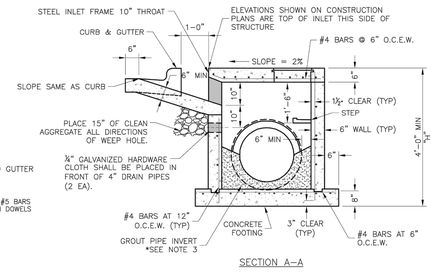
9-6-19 ENTRANCE WALLS
10-3-19 CITY COMMENTS

ALDI
Incorporated
Aldi Building
LEE'S SUMMIT, MISSOURI

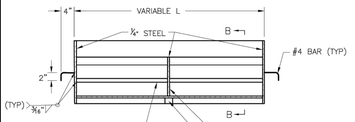
sheet
C10.0
Civil
DETAILS
permit
14 JUNE 2019



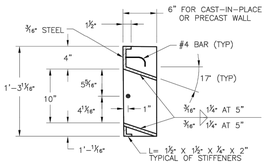
PLAN VIEW



SECTION A–A



FRONT ELEVATION



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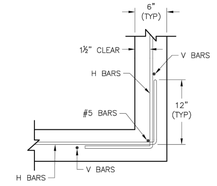
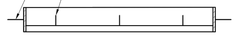


WALL CORNER DETAIL



PLAN VIEW

STEEL FRAME NOTES:
1. ALL WELDS SHALL BE PERFORMED IN ACCORDANCE WITH APPROPRIATE AWS SPECIFICATIONS AND PROCEDURES.
2. ALL WELDS ON EXPOSED SURFACES SHALL BE DRESSED SO AS TO PROVIDE A PLEASING FINISHED APPEARANCE.
3. THE ENTIRE FRAME SHALL BE PAINTED A SINGLE COAT OF CHEM–PRIME #37H–78 PRIMER (GRAY) OR EQUAL.

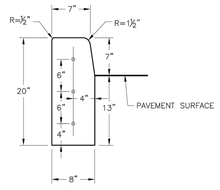
GENERAL NOTES:
1. THE FIRST DIMENSION LISTED IN THE CONSTRUCTION NOTES IS THE "L" DIMENSION. THE SECOND DIMENSION IS THE "W" DIMENSION.
2. FLOW LINES LISTED ON THE PROJECT PLANS ARE LISTED AT THE INSIDE FACE OF THE WALL.
3. FLOOR OF INLET GROUTED AND SHAPED TO MATCH PIPE INVERT TO PROVIDE SMOOTH FLOW.
4. LOCATE MH RING AND COVER ON BLANK WALL IF POSSIBLE.
5. STEPS SHALL BE SPACED AT 1'–4" O.C. VERTICALLY ON BLANK WALL IF POSSIBLE.
6. BEVEL ALL EXPOSED EDGES WITH ¾"CHAMFER OR ½" TOOLED EDGE.
7. ON–GRADE INLETS SHALL CONFORM TO THE STREET GRADE AND SUMP INLETS SHALL BE LEVEL.
8. PRECAST LIDS SHALL BE PINNED, SEALED WITH NON–SHRINKABLE GROUT AND REMOVABLE FOR FUTURE MAINTENANCE.
9. LIFTING RINGS SHALL BE REMOVED AND SEALED WITH NON–SHRINKABLE GROUT
10. FOR RING AND COVER SEE THE STORMWATER APPROVED PRODUCT LIST.

LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

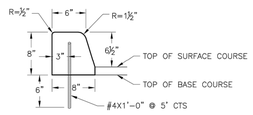
Project: STANDARD DETAILS CITY OF LEE'S SUMMIT, MO LEE'S SUMMIT, JACKSON COUNTY, MO
Sheet Name: CURB INLET DETAIL

Drawn By: MJF
Checked By: DL
Date: 04/17
Proj. #

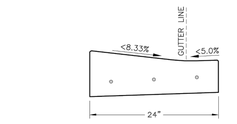
STM-1



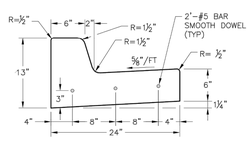
STRAIGHT CURB
(TYPE C–1)



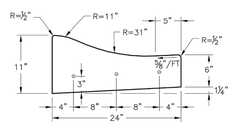
DOWELLED CURB
(TYPE DC)



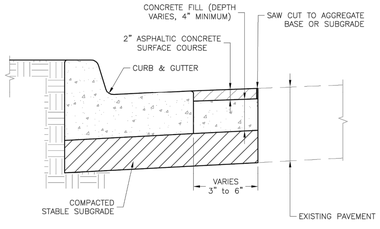
CURB & GUTTER DETAIL AT RAMP
(ADA SLOPE REQUIREMENTS)



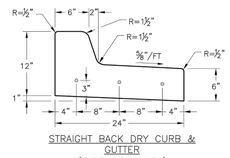
STRAIGHT BACK CURB & GUTTER
(TYPE CG–1)



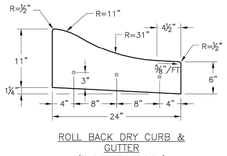
ROLL BACK CURB & GUTTER
(TYPE CG–2)



CURB REPLACEMENT DETAIL



STRAIGHT BACK DRY CURB & GUTTER
(TYPE CG–1 DRY)



ROLL BACK DRY CURB & GUTTER
(TYPE CG–2 DRY)

GENERAL NOTES

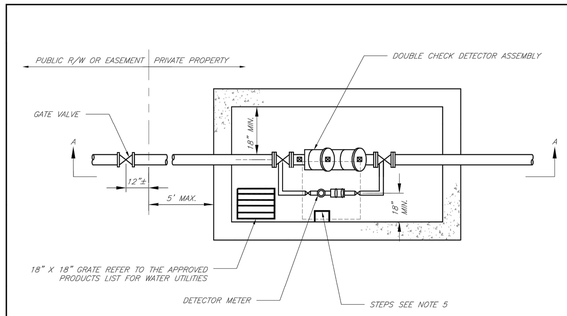
1. ¾" ISOLATION JOINTS WITH 3 (2'–#5 BAR) SMOOTH DOWELS SHALL BE PLACED AT RADIUS POINTS AND AT 150' INTERVALS. THESE DOWEL BARS SHALL BE GREASED AND WRAPPED ON ONE END WITH EXPANSION TUBES.
2. 3" DEEP CONTRACTION JOINTS SHALL BE INSTALLED AT APPROXIMATELY 10' INTERVALS. THESE JOINTS SHALL PASS ACROSS THE ENTIRE CURB SECTION.
3. CONCRETE FILL SHALL HAVE UNIFORM AND SMOOTH FINISH
4. KCMMB 4K CONCRETE SHALL BE USED FOR ALL CURB.
5. ASPHALTIC CONCRETE SURFACE COURSE SHALL CONFORM TO STANDARD SPECIFICATIONS SECTION 2205.2.
6. CURBS FOR NEW STREETS SHALL BE BUILT ON ASPHALT OR AGGREGATE BASE AS SHOWN IN TYPICAL SECTION DETAIL.
7. WHITE CURING COMPOUND MUST BE APPLIED UNIFORMLY TO THE CONCRETE SURFACE IMMEDIATELY AFTER FINAL FINISHING.

LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

Project: STANDARD DETAILS CITY OF LEE'S SUMMIT, MO LEE'S SUMMIT, JACKSON COUNTY, MO
Sheet Name: CURB & GUTTER DETAIL

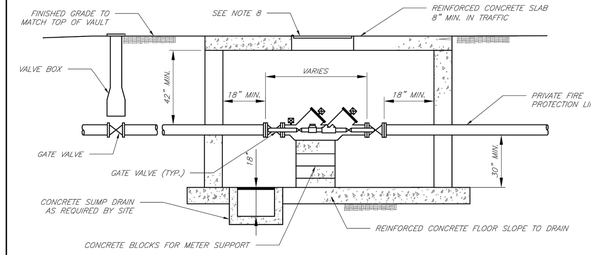
Drawn By: MJF
Checked By: DL
Date: 04/17
Proj. #

GEN-4



PLAN VIEW
NOT TO SCALE

GENERAL NOTES:
1. METER VAULT WALLS TO BE POURED OR PRECAST CONCRETE. METER VAULT ROOF TO BE REINFORCED CONCRETE WITH OPENING CENTERED OVER DETECTOR METER. REINFORCED WALLS AND SLABS ARE TO BE DESIGNED BY THE OWNER'S ENGINEER OR PRECAST ENGINEER.
2. METER VAULT TO BE LOCATED, WHEN POSSIBLE, OUTSIDE TRAFFIC AREA AND WHERE SURFACE WATER WILL NOT DRAIN INTO IT. PROVIDE CONCRETE SUMP TO DRAIN TO AN ABOVE GROUND DISCHARGE POINT.
3. ALL PIPE AND FITTINGS FROM THE CITY WATER MAIN THROUGH THE VAULT SHALL BE PROVIDED WITH RESTRAINED JOINT FITTINGS.
4. ALL FITTINGS FOR THE DETECTOR METER TO BE BRASS.
5. STEPS SHALL BE IN ACCORDANCE WITH THE APPROVED PRODUCTS LIST FOR WATER UTILITIES AND SHALL BE ON 16" CENTERS.
6. A DEPARTMENT OF NATURAL RESOURCES APPROVED DOUBLE CHECK DETECTOR ASSEMBLY BACKFLOW PREVENTER MUST BE USED. FOR A COPY OF THE MISSOURI DEPARTMENT OF NATURAL RESOURCES APPROVED BACKFLOW PREVENTION ASSEMBLIES, CONTACT WATER UTILITIES AT 816–969–1900.
7. ALL VALVES SHALL HAVE RISING STEMS.
8. MANHOLE COVER SHALL BE A BILCO K–1 MODEL UNLESS IN A VEHICLE TRAFFIC AREA. SEE THE APPROVED PRODUCTS LIST FOR WATER UTILITIES FOR TRAFFIC CONDITIONS. THE COVER SHALL HAVE A 1–3/4" ø HOLE DRILLED FOR A TOUCH/READ DEVICE.
9. A MINIMUM OF 18" CLEARANCE SHALL BE PROVIDED AROUND ALL PIPING, VALVES, APPURTENANCES, ETC.
10. CONTACT PUBLIC WORKS ENGINEERING FOR VAULTS THAT INCLUDE A FIRE DEPARTMENT CONNECTION OR A 3" OR LARGER METER.



SECTION A–A
NOT TO SCALE

CITY OF LEE'S SUMMIT, MO
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
LEE'S SUMMIT, MO 64063

Project: STANDARD DRAWINGS
Sheet Name: VAULT FOR DOUBLE CHECK DETECTOR CHECK

Drawn By: AS
Checked By: DL
Date/Ref: 1/14
Rev: 1/14
of
WAT–12

SM Engineering
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785.341.9747

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STATE OF MISSOURI
MICHAEL J. FOSTER
NUMBER 2012039731
REGISTERED PROFESSIONAL ENGINEER
10-3-19

Revisions
7-12-19 ADDENDUM #1
9-4-19 CITY COMMENTS
9-6-19 ENTRANCE WALLS
10-3-19 CITY COMMENTS

ALDI
Incorporated
Aldi Building
LEE'S SUMMIT, MISSOURI

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C11.0
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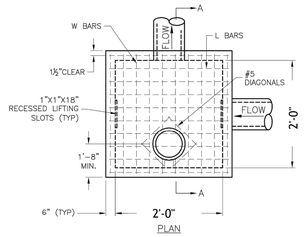
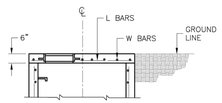
14 JUNE 2019



PLAN

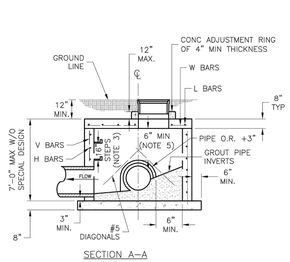


SLAB TOP ALTERNATE FOR
JUNCTION BOX (SHALLOW)

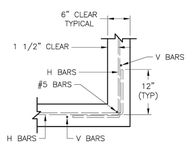
** INCREASE IN MULTIPLES OF 6"
(7'-0" MAX WITHOUT SPECIAL DESIGN.
(SEE PROJECT PLANS FOR DETAILS)

REINFORCING

BARS	BAR SIZE	SPACING (IN.)
H	4	12
V	4	12
L	5	6
W	5	6

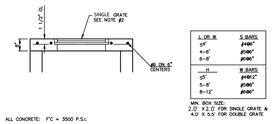


SECTION A–A



WALL CORNER DETAIL

GENERAL NOTES:
1. LOCATE RING AND COVER ON BLANK WALL.
2. USE ¾" CHAMFER STRIP OR ½" R EDGER TOOL ON ALL EXPOSED CONCRETE CORNERS.
3. STEPS REQUIRED AT 16" O.C. WHEN DEPTH FROM TOP OF CASTING TO INVERT EXCEEDS 4' ON BLANK WALL IF POSSIBLE.
4. BOXOUTS WILL NOT BE ALLOWED TO PROJECT THROUGH THE CORNERS OF THE STRUCTURE AND THE MINIMUM DISTANCE BETWEEN BOXOUTS IS 6".
5. THE MINIMUM REINFORCING SHALL BE 1 H–BAR OVER A CAST–IN–PLACE PIPE AND 2 H–BARS OVER A PRECAST BOXOUT.
8. PRECAST LIDS SHALL BE PINNED, SEALED WITH NON–SHRINKABLE GROUT AND REMOVABLE FOR FUTURE MAINTENANCE.
9. REINFORCING OF COVERS IN STREETS REQUIRE SPECIAL DESIGN.
10. FOR RING AND COVER SEE THE STORMWATER APPROVED PRODUCT LIST.



ALL CONCRETE: f'c = 3500 P.S.I.

NOTE:
1. L AND W BARS SHALL BE #5@6" CENTER
2. HEAVY DUTY GRATE & FRAME - NENAH R-3210-Q (MAX 2' GRATE OPENINGS)

ALTERNATE TOP TO STM-3
FOR DOUBLE GRATE INLET

LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO

Sheet Name: JUNCTION BOX DETAIL

Drawn By: MJF
Checked By: DL
Date: 04/17
Proj #:

STM-3

SM Engineering
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9-4-19 CITY COMMENTS
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permit
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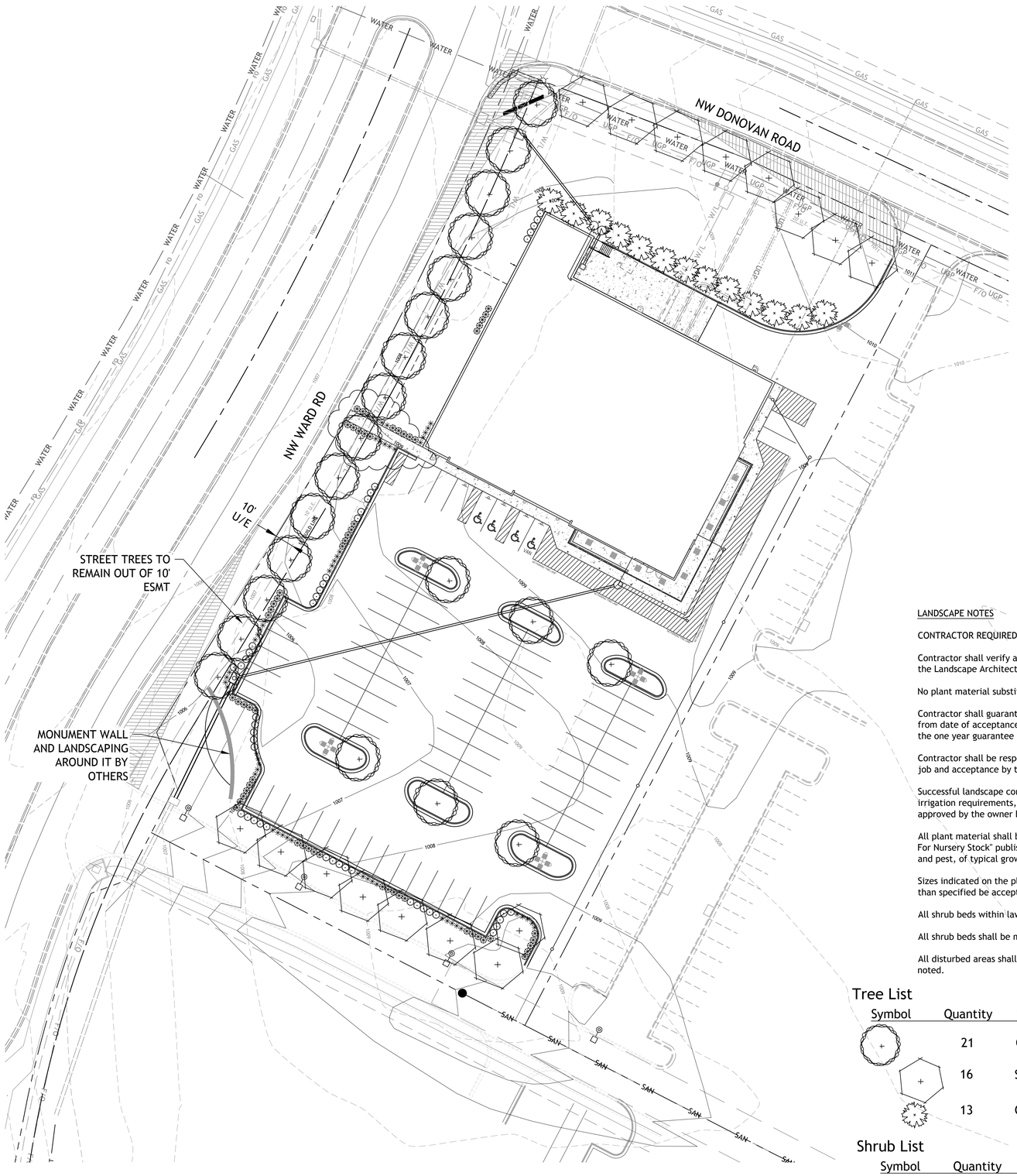


SITE DATA:

WARD ROAD 441'
REQUIRED:
STREET TREES 1/30' = 15
SHRUBS 1/20' = 22

PROVIDED:
SHADE TREES = 15

PRIVATE ROAD (SOUTH) 229'
REQUIRED:
STREET TREES 1/30' = 8

PROVIDED:
SHADE TREES = 8

DOVOVAN ROAD 246'
REQUIRED:
STREET TREES 1/30' = 8

PROVIDED:
SHADE TREES = 8

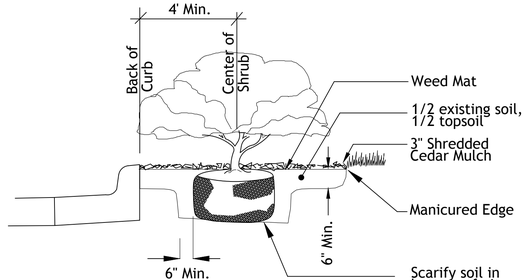
INTERIOR PARKING
TOTAL PARKING SURFACE = 40,030 sf
REQUIRED
5% LANDSCAPE AREA = 2,001 sf
PROVIDED = 3,393 sf

TOTAL SITE = 112,820 sf
TOTAL IMPERVIOUS AREA = 72,365 sf
TOTAL OPEN SPACE = 40,455sf (35.8%)

OPEN SPACE TREES
REQUIRED
1 / 5,000sf = 8
PROVIDED = 13 (EVERGREENS)

OPEN SPACE SHRUBS
REQUIRED
2 / 5,000sf = 16
PROVIDED = 15 (WEST SIDE OF BUILDING)

SIGHT TRIANGLE



Shrub Bed & Parking Setback Detail
No Scale

LANDSCAPE NOTES

CONTRACTOR REQUIRED TO LOCATE ALL UTILITIES BEFORE INSTALLATION TO BEGIN.

Contractor shall verify all landscape material quantities and shall report any discrepancies to the Landscape Architect prior to installation.

No plant material substitutions are allowed without Landscape Architect or Owners approval.

Contractor shall guarantee all landscape work and plant material for a period of one year from date of acceptance of the work by the Owner. Any plant material which dies during the one year guarantee period shall be replaced by the contractor during normal planting seasons.

Contractor shall be responsible for maintenance of the plants until completion of the job and acceptance by the Owner.

Successful landscape contractor shall be responsible for design that complies with minimum irrigation requirements, and installation of an irrigation system. Irrigation system to be approved by the owner before starting any installation.

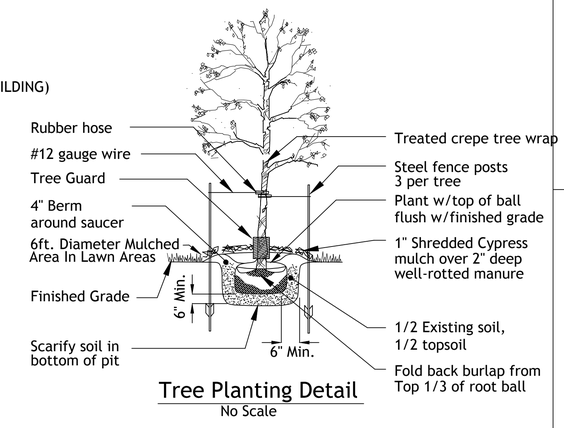
All plant material shall be specimen quality stock as determined in the "American Standards For Nursery Stock" published by The American Association of Nurseryman, free of plant diseases and pest, of typical growth of the species and having a healthy, normal root system.

Sizes indicated on the plant list are the minimum, acceptable size. In no case will sizes less than specified be accepted.

All shrub beds within lawn areas to receive a manicured edge.

All shrub beds shall be mulched with 3" of shredded cedar mulch.

All disturbed areas shall be sodded and fertilized with a Turf-Type-Tall Fescue seed blend, unless otherwise noted.



Tree Planting Detail
No Scale

Tree List

Symbol	Quantity	Common Name	Botanical Name	Size	Condition	Spacing
	21	October Glory Maple	Acer Rubrum 'October Glory'	3" cal	BB	As Shown
	16	Skyline Honeylocust	Gleditsia Triacanthos 'Skyline'	3" cal	BB	As Shown
	13	Canaert Juniper	Juniperus Virginiana 'Canaertii'	8' hgt	BB	As Shown

Shrub List

Symbol	Quantity	Common Name	Botanical Name	Size	Condition	Spacing
	45	Seagreen Juniper	Juniperus Chinensis 'Seagreen'	18"-24"sp.	Cont.	4'
	55	Morning Light Maiden Grass	Miscanthos Sinensis 'Morning Light'	18"-24"sp.	Cont.	4'
	57	Dwarf Winged Euonymus	Euonymus Alatus 'Compactus'	18"-24"sp.	Cont.	4'

1"=30'
0 15' 30'

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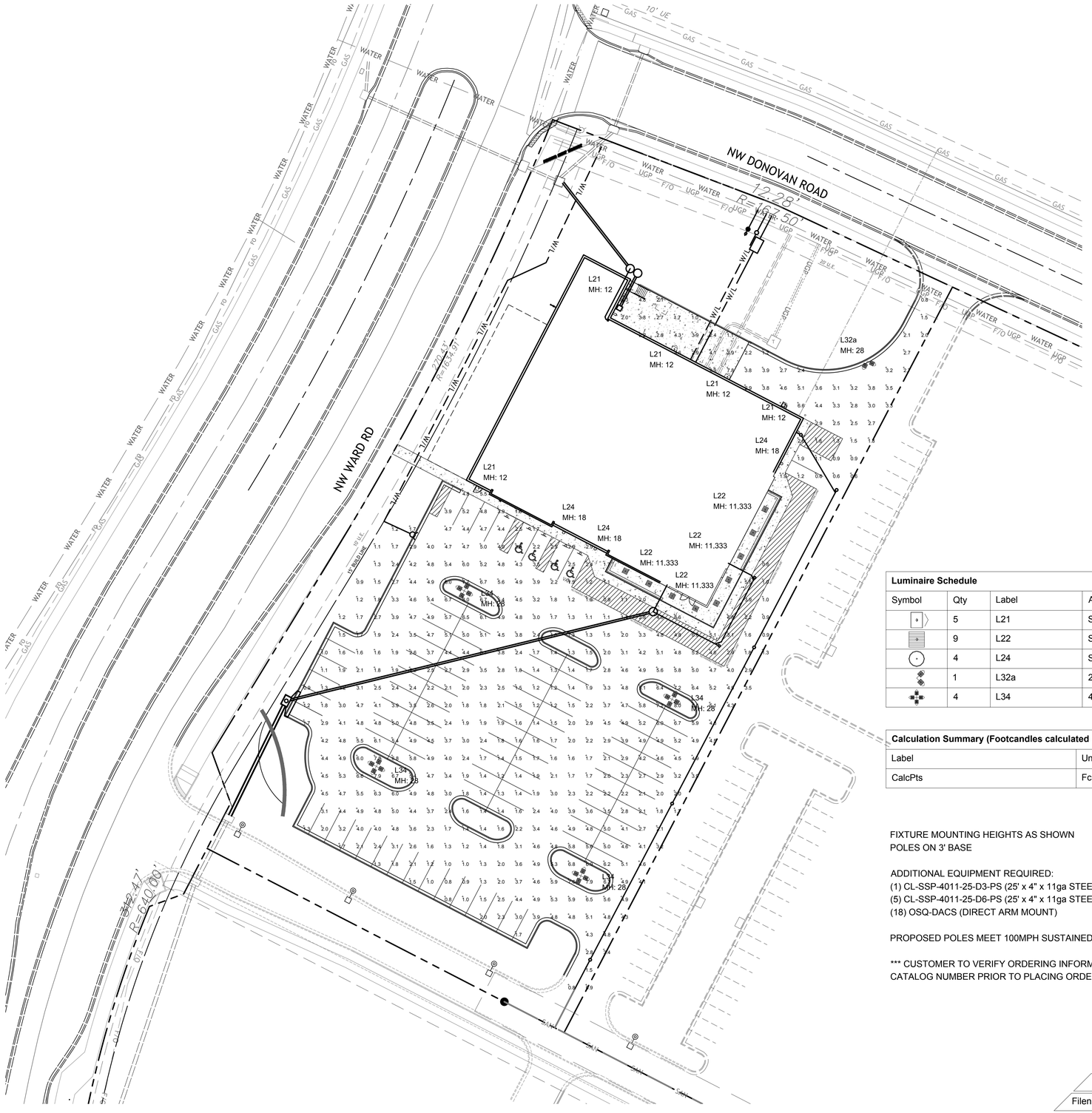

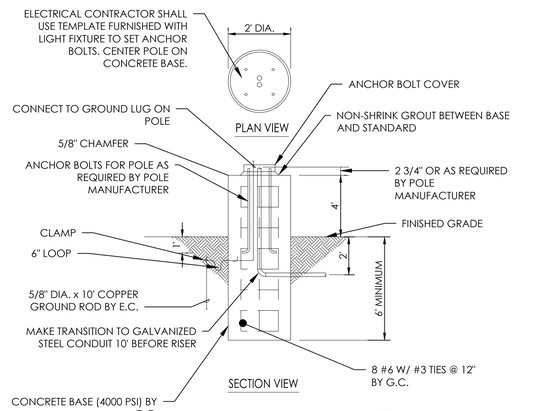

LIGHT POLE BASE DETAIL

N.T.S.

NOTE:
CIVIL ENGINEER TO VERIFY DETAIL MEETS LOCAL DESIGN CRITERIA AND REQUIREMENTS AND REVISE AS NECESSARY.

Luminaire Schedule

Symbol	Qty	Label	Arrangement	LMF	Lum. Lumens	Lum. Watts	Part Number
	5	L21	SINGLE	1.000	3819	42	XSPW-A-0-3-30K-C-U-CS-P
	9	L22	SINGLE	1.000	4620	43	CPY250-A-DM-F-C-UL-CS
	4	L24	SINGLE	1.000	N.A.	58.9	CL-20364LEDD-SAT-CLR-SB
	1	L32a	2 @ 90°	1.000	11648	86	OSQ-A-NM-4ME-B-57K-UL-CS
	4	L34	4 @ 90°	1.000	11648	86	OSQ-A-NM-4ME-B-57K-UL-CS

Calculation Summary (Footcandles calculated using initial lumen values @ 25°C)

Label	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts	Fc	3.17	8.6	0.6	5.28	14.33

FIXTURE MOUNTING HEIGHTS AS SHOWN
POLES ON 3' BASE

ADDITIONAL EQUIPMENT REQUIRED:
(1) CL-SSP-4011-25-D3-PS (25' x 4" x 11ga STEEL SQUARE POLE, 2@90°)
(5) CL-SSP-4011-25-D6-PS (25' x 4" x 11ga STEEL SQUARE POLE, 4@90°)
(18) OSQ-DACS (DIRECT ARM MOUNT)

PROPOSED POLES MEET 100MPH SUSTAINED WIND LOADS

*** CUSTOMER TO VERIFY ORDERING INFORMATION AND CATALOG NUMBER PRIOR TO PLACING ORDER ***

CREE™

1200 92nd Street - Sturtevant, WI 53177
www.cree.com - (800) 236-6800

Project Name: Aldi Roeland - 4801 Roe Blvd., Roeland Park, KS | No: SR-31056
Date:6/11/2018 | Scale: 1"=30' | Footcandles calculated at grade
Filename: ALD-180611RPKSBAF.AGI | Layout by: Ben Foster

Illumination results shown on this lighting design are based on project parameters provided to Cree, Inc. used in conjunction with luminaire test procedures conducted under laboratory conditions. Actual project conditions differing from these design parameters may affect field results.

SM Engineering
919 W. Stewart Road
Columbia, Missouri 65203
smcivilengr@gmail.com
785.341.9747

Drawings and/or Specifications are original proprietary work and property of the Engineer and intended specifically for this project. Use of items contained herein without consent of the Engineers prohibited. Drawings illustrate best information available to the Engineer. Field verification of actual elements, conditions, and dimensions is required.

STATE OF MISSOURI
SAMUEL D. MILLER
NUMBER 2012039974
PROFESSIONAL ENGINEER
10-3-19

Revisions
7-12-19 ADDENDUM #1
9-4-19 CITY COMMENTS
9-6-19 ENTRANCE WALLS
10-3-19 CITY COMMENTS

1"=30'
0 15' 30'

ALDI
Incorporated
Aldi Building
LEE'S SUMMIT, MISSOURI

sheet
C13.0
Civil
LIGHTING PLAN
permit
14 JUNE 2019