HY-VEE INC.

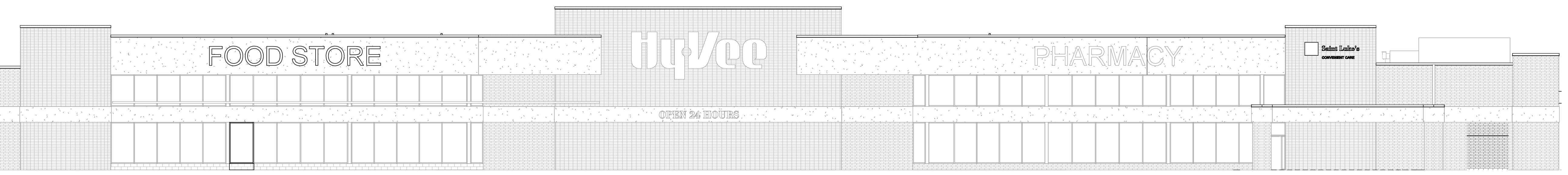
5820 Westown Parkway West Des Moines, Iowa 50266

EMPLOYEE OWNED

PROJECT LOCATION:

LEE'S SUMMIT, MO #2

310 SW WARD RD, LEE'S SUMMIT, MO 64081



DRAWING SCHEDULE

G0.0	CODE ANALYSIS PLAN
CIVIL	
C0.1	GENERAL NOTES
C0.2	GENERAL DETAILS
C1.0	EXISTING CONDITIONS
C1.1	DEMOLITION PLAN
C2.0	SITE PLAN
C3.0	EROSION CONTROL PLAN
C3.1	EROSION CONTROL NOTES
C4.0	GRADING PLAN
C5.0	PAVING PLAN
C5.1	PAVEMENT MARKING PLAN
C6.0	LANDSCAPE PLAN
STRUCTURAL	
S0.1	STRUCTURAL NOTES
S1.0	FOUNDATION PLAN
S2.0	ROOF FRAMING PLAN
S5.0	STRUCTURAL SECTIONS & DETAILS
S5.1	STRUCTURAL SECTIONS & DETAILS
S5.2	STRUCTURAL SECTIONS & DETAILS
S5.3	STRUCTURAL SECTIONS & DETAILS
ARCHITECTURE	
A0.0	FIXTURE & EQUIPMENT PLAN
A0.2	EXISTING FIXTURE & EQUIPMENT PLAN
A0.3	OVERLAY PLAN
A0.4	PHASING PLAN
A0.4A	PHASED EXITING PLAN
AD1.0	ARCHITECTURAL DEMOLITION PLAN
AD2.0	DEMOLITION SLAB AND FLOOR FINISH PLAN
AD5.1	DEMOLITION REFLECTED CEILING PLAN
AD8.0	DEMOLITION ROOF PLAN
A1.0	FLOOR PLAN
A2.0	FLOOR FINISH & JOINT PLAN
A2.0A	FLOOR FINISH & JOINT PLAN
A2.2	FINISH SCHEDULE
A2.3	DOOR SCHEDULE & DETAILS
A2.3A	DOOR DETAILS
A2.4	INTERIOR DECOR PLAN
A2.4A	MISC DECOR AND ASSET PROTECTION PLAN
A2.5	INTERIOR WALL DETAILS
A3.0	FRONT ENTRANCE PLANS & DETAILS
A3.0A	FRONT ENTRANCE ELEVATIONS
A3.1	ENLARGED PLAN & ELEVATIONS - FOOD SERVICE
A3.1A	ENLARGED PLAN & ELEVATIONS - FOOD SERVICE
A3.2	ENLARGED PLAN & ELEV - HICKORY HOUSE, ASIAN, HIBACHI, ITALIAN
A3.3	ENLARGED PLAN & ELEVATIONS - BAKERY
A3.3A	ENLARGED PLAN & ELEVATIONS - CAKE DECORATING
A3.4	ENLARGED PLAN & ELEVATIONS - DELICATESSAN
A3.5	ENLARGED PLAN & ELEVATIONS - MEAT/SEAFOOD
A3.6	ENLARGED PLAN & ELEVATIONS - CUSTOMER & MONEY SERVICE
A3.7	ENLARGED PLAN & ELEVATIONS - PHARMACY
A3.7A	ENLARGED PLAN & ELEVATIONS - CLINIC
A3.8	ENLARGED PLAN & ELEVATIONS - RESTROOM
A3.8A	ENLARGED PLAN & ELEVATIONS - MISC. OFFICES
A3.8B	ENLARGED PLAN & ELEVATIONS - MISC. OFFICES
A3.9	ENLARGED PLAN & ELEVATIONS - CASUAL DINING
A3.10	ENLARGED PLAN & ELEVATIONS - FLORAL
A3.12	ENLARGED PLAN & ELEVATIONS - WINE & SPIRITS
A3.13	ENLARGED PLAN & ELEVATIONS - PRODUCE PREP
A3.15	ENLARGED PLAN & ELEVATIONS - JOE FRESH, DSW, & BEAUTY
A3.16	ENLARGED PLAN & ELEVATIONS - AOL
A3.17	AOL CANOPY PLAN & ELEVATIONS
A5.0	DIMENSIONED BULKHEAD PLAN
A5.1	REFLECTED CEILING PLAN
A5.2	ENLARGED PARTIAL RCP PLANS & CEILING DETAILS
A6.0	EXTERIOR ELEVATIONS
A8.0	ROOF PLAN

STATE OF MISSOURI RICHARD A. MAJORS, JR. NUMBER A-[illegible] REGISTERED ARCHITECT

05/20/21

EQUIPMENT	
EQ1.0	EQUIPMENT PLAN
EQ1.1	ENLARGED EQUIPMENT PLAN
EQ1.2	ENLARGED EQUIPMENT PLAN
MECHANICAL	
H0.0	HVAC NOTES AND SYMBOLS
H1.0A	HVAC FLOOR PLAN - PART A
H1.0B	HVAC FLOOR PLAN - PART B
H1.1	HVAC ENLARGED PLANS
H1.2	HVAC ENLARGED PLANS
H3.0A	HVAC ROOF PLAN - PART A
H3.0B	HVAC ROOF PLAN - PART B
H4.0	HVAC DETAILS
H4.1	HVAC SCHEDULES
H5.1	HVAC CONTROL DIAGRAMS
H5.2	HVAC CONTROL DIAGRAMS
HD1.0A	HVAC DEMOLITION FLOOR PLAN - PART A
HD1.0B	HVAC DEMOLITION FLOOR PLAN - PART B
HD3.0A	HVAC DEMOLITION ROOF PLAN - PART A
HD3.0B	HVAC DEMOLITION ROOF PLAN - PART B
PLUMBING	
P0.0	PLUMBING NOTES & SCHEDULES
P0.1	PLUMBING SCHEDULES
P1.0A	UNDERFLOOR PLUMBING PLAN - A
P1.0B	UNDERFLOOR PLUMBING PLAN - B
P2.0A	PLUMBING FLOOR PLAN - A
P2.0B	PLUMBING FLOOR PLAN - B
P2.5	PLUMBING ENLARGED PLANS
P2.6	PLUMBING ENLARGED PLANS
P3.0A	PLUMBING ROOF PLAN - A
P3.0B	PLUMBING ROOF PLAN - B
P4.0	SINK DETAILS
P4.1	PLUMBING DETAILS
P5.0	WASTE & VENT RISER DIAGRAM - A
P5.1	WASTE & VENT RISER DIAGRAM - B
PD1.0A	UNDERFLOOR DEMOLITION PLUMBING PLAN - A
PD1.0B	UNDERFLOOR DEMOLITION PLUMBING PLAN - B
PD2.0A	DEMOLITION PLUMBING PLAN - A
PD2.0B	DEMOLITION PLUMBING PLAN - B
PE1.0A	PLUMBING STUB-UP PLAN - A
PE1.0B	PLUMBING STUB-UP PLAN - B
FIRE PROTECTION	
FP0.0	FIRE PROTECTION NOTES AND SYMBOLS
FP1.0	FIRE PROTECTION FLOOR PLAN - PART A
FP1.1	FIRE PROTECTION FLOOR PLAN - PART B
ELECTRICAL	
E0.0	ELECTRICAL NOTES & SYMBOLS
E0.0A	ELECTRICAL DETAILS
E0.1	ELECTRICAL EQUIPMENT LISTING
E1.0	FEEDER RISER DIAGRAM
E1.1	ELECTRICAL PANEL SCHEDULES
E1.2	ELECTRICAL PANEL SCHEDULES
E2.0A	ELECTRICAL PLAN - PART A
E2.0B	ELECTRICAL PLAN - PART B
E2.1	ELECTRICAL PART PLANS
E2.2	ELECTRICAL PART PLANS
E2.9A	ROOF ELECTRICAL PLAN - PART A
E2.9B	ROOF ELECTRICAL PLAN - PART B
E3.0A	LIGHTING FLOOR PLAN - PART A
E3.0B	LIGHTING FLOOR PLAN - PART B
E3.1	LIGHTING SCHEDULES AND DETAILS
E4.4	REGISTER SYSTEMS PLAN
E5.0B	REFRIGERATION ELECTRICAL POWER PLAN - PART B
ED1.0A	ELECTRICAL DEMOLITION PLAN - PART A
ED1.0B	ELECTRICAL DEMOLITION PLAN - PART B
ED2.0	ELECTRICAL DEMOLITION ROOF PLAN
PE1.1	ELECTRICAL STUB-UP PLAN
E6.1	CONTROL WIRE PULLS

1 REMOVE SHEETS XE4.0 AND XE4.0A FROM THE DRAWING SCHEDULE IN THEIR ENTIRETY.

E7.1	CONTROL WIRE PULLS
E7.2	CONTROL WIRE PULLS
E7.3	REFRIGERATION CONTROL DETAILS AND BUSBAR LAYOUT
TECHNOLOGY	
T1.0	COMMUNICATIONS PLAN
T1.1	ENLARGED COMMUNICATIONS PLANS
T1.2	ENLARGED COMMUNICATIONS PLANS AND ELEVATIONS
T2.0	SPEAKER PLAN
T3.0	AUDIO/VIDEO PLAN
T3.1	AUDIO/VIDEO ELEVATIONS AND DETAILS
T4.0	FIRE PLAN
T4.1	FIRE PLAN SCHEDULES NOTES AND DETAILS
T4.2	FIRE ALARM RISER DIAGRAM
T4.3	FIRE ALARM SCHEDULES
T5.0	CAMERA PLAN
T6.0	SECURITY PLAN
T6.1	PARTIAL SECURITY PLAN AND DETAILS
REFRIGERATION	
R0	REFRIGERATION CASE LOCATION PLAN
R1.0	REFRIGERATION UNDER FLOOR PLAN
R2.0	REFRIGERATION PIPING FLOOR PLAN
R2.1	REFRIGERATION CONDENSATE PIPING FLOOR PLAN
R3.0	REFRIGERATION SCHEDULES AND MACHINE ROOM LAYOUT
R3.1	REFRIGERATION STRUCTURAL COORDINATION
R4.0	REFRIGERATION LEGEND AND LINE SIZING SCHEMATIC
R4.1	REFRIGERATION LEGEND AND LINE SIZING SCHEMATIC
R4.2	REFRIGERATION LEGEND AND LINE SIZING SCHEMATIC
R4.3	REFRIGERATION LEGEND AND LINE SIZING SCHEMATIC
R4.4	REFRIGERATION EXISTING FLOOR PLAN
R5.0	PIPING DETAILS
R5.1	PIPING DETAILS

1	ASI #1 - 11/12/20
2	ASI #2 - 01/08/21
5	ASI #5 - 03/19/21
6	ASI #7 - 04/16/21
	ASI #8 - 05/19/21

DEMOLITION REQUIREMENTS

1. ALL WORK SHALL BE DONE IN A SAFE AND WORKMAN-LIKE MANNER AND IN STRICT ACCORDANCE WITH THE LOCAL AND/OR STATE BUILDING CODES, NATIONAL ELECTRIC CODE (NEC), OSHA, AND ALL APPLICABLE CODES, REGULATIONS, ORDINANCES, AND AUTHORITIES HAVING JURISDICTION.
2. EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT THEMSELVES WITH THIS KNOWLEDGE DOES NOT RELIEVE THEM OF ANY RESPONSIBILITY FOR PERFORMING WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.
3. THE EXISTING BUILDING SHALL BE PROTECTED FROM MOISTURE, DUST, AND DEBRIS. INSTALL DUST PARTITIONS OR DRAPES AS REQUIRED AND/OR AS DIRECTED BY THE TENANT'S CONSTRUCTION MANAGER.
4. ANY DAMAGE TO PROPERTY (ADJACENT OR EXISTING), WHICH OCCURS DURING THE PROCESS OF CONSTRUCTION SHALL BE REPAIRED/REPLACED AT NO ADDITIONAL COST TO THE TENANT.
5. NO FLAMMABLE MATERIALS OR LIQUIDS MAY BE STORED IN THE EXISTING BUILDING.
6. THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF THE EXISTING BUILDING AT ALL TIMES. THIS INCLUDES KEEPING THE BUILDING SECURE FROM PERSONS, ENVIRONMENTAL ELEMENTS, OR HAZARDS. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE INTEGRITY OF ALL EXISTING SECURITY SYSTEMS. THE CONTRACTOR SHALL OBTAIN PERMISSION FROM STORE MANAGER PRIOR TO THE MODIFICATION OF ANY EXISTING SECURITY SYSTEM FOR THE OPENING (DEMOLITION) OF ANY EXTERIOR WALL.
7. REMOVE ANY EXISTING ITEMS, SERVICES, FINISHES OR SURFACES AS REQUIRED FOR THE INSTALLATION OF NEW CONSTRUCTION. PROVIDE FURRING FOR CONDUITS AND PIPING, SHOWN OR NOT, AND FINISH OUT FURRING TO MATCH ADJACENT EXISTING FINISHES.
8. REPAIR, RE-ROUTE, AND EXTEND ALL SERVICES, PIPING, CONDUIT OF EXISTING ITEMS AND EQUIPMENT AS REQUIRED DURING THE CONSTRUCTION PROCESS FOR THE COMPLETE INSTALLATION AND OPERATIONS OF NEW EQUIPMENT. THIS INCLUDES ALL ITEMS SHOWN OR NOT SHOWN ON THE DRAWINGS. RESET EXISTING EQUIPMENT OR RELATED ITEMS AS REQUIRED FOR PROPER OPERATIONS.
9. WHERE EXISTING FINISHES ARE TO REMAIN, CLEAN, REPAIR, PATCH, AND/OR REPAINT AS NECESSARY TO BLEND WITH ADJACENT SURFACES OR AS CALLED OUT ON DRAWINGS. COORDINATE WITH THE TENANT'S CONSTRUCTION MANAGER.
10. THE CONTRACTOR SHALL RESPOND TO ALL REQUIREMENTS OF THE ENGINEER/ARCHITECT FOR VERIFICATIONS, RESPONSES AND SUBMISSIONS.
11. DURING ENTIRE CONSTRUCTION PERIOD, PROVIDE ONE UL LISTED 2A:20BC DRY CHEMICAL FIRE EXTINGUISHER, OR ONE STANDARD UL LISTED 2-1/2 GALLON WATER (E-10) AND ONE UL LISTED 10BC CARBON DIOXIDE FIRE EXTINGUISHER MOUNTED TOGETHER IN EACH 3000 SQ FT OF WORK AREA OR FRACTION THEREOF MINIMUM OF TWO AVAILABLE IN ALL CONSTRUCTION AREAS AT ALL TIMES).
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TIMELY ORDERING OF MATERIALS TO PROHIBIT DELAYS OF THE CONSTRUCTION SCHEDULE OF THIS PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE DELIVERY OF MATERIALS IN A TIMELY MANNER.
13. ALL ADJACENT BUILDINGS AND TENANT SPACES SHALL REMAIN IN SERVICE DURING DEMOLITION/CONSTRUCTION.
14. MUD AND DEBRIS TRACKED ONTO OWNER PAVING OR CITY STREETS TO BE CLEANED IMMEDIATELY.
15. IT IS IMPERATIVE THAT THE ROOF FRAMING AND ROOFING SYSTEM BE KEPT INTACT TO ELIMINATE POTENTIAL WATER DAMAGE OR MOISTURE INFILTRATION. THE CONTRACTOR SHALL KEEP THE BUILDING WATER-TIGHT AT ALL TIMES AND MAKE REPAIRS IMMEDIATELY SHOULD ANY DAMAGE OCCUR TO THE ROOFING SYSTEM.
16. BUILDING COMPONENTS AFFECTED BY THE SCOPE OF WORK AND ALLOWED TO REMAIN SHALL BE SECURED TO PREVENT FALLING, LOOSENING, OR CREATING DAMAGE OF ANY KIND IN THE FUTURE.
17. WHEN UTILITIES ARE REMOVED, CAP AND SEAL A MINIMUM OF 8" BELOW FINISH FLOOR OR A MINIMUM OF 6" ABOVE FINISH CEILING.
18. REFER TO MEP DRAWINGS FOR ADDITIONAL ITEMS TO BE REMOVED.
19. NOTES INDICATING DEMOLITION WORK ARE NOT CONFINED SOLELY TO THE DEMOLITION PLANS. THE GENERAL CONTRACTOR SHALL REVIEW ALL CONSTRUCTION DOCUMENTS, INCLUSIVE OF SCHEDULES AND SPECIFICATIONS, TO DETERMINE FULL EXTENT OF DEMOLITION WORK.
20. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORING, BRACING AND SUPPORT SYSTEMS FOR EXISTING STRUCTURE AND TO KEEP THE EXISTING STRUCTURE INTACT AND IN A SAFE CONDITION DURING DEMOLITION AND NEW CONSTRUCTION. THE CONTRACTOR SHALL RETAIN A REGISTERED PROFESSIONAL ENGINEER TO DESIGN THE SHORING OR BRACING AND SPECIFY DEMOLITION PROCEDURES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE MEANS AND METHODS OF DEMOLITION AND NEW CONSTRUCTION.
21. THE CONTRACTOR SHALL FIELD VERIFY THE EXTENT OF DEMOLITION. THE WORK INCLUDES, BUT IS NOT LIMITED TO, THE DEMOLITION AND REMOVAL OF WALLS, DOORS, FIXTURES, PLUMBING, MECHANICAL AND ELECTRICAL ITEMS INCLUDING CONDUITS AND DUCTWORK AS SHOWN ON DRAWING OR AS REQUIRED FOR THE INSTALLATION OF THE NEW WORK FOR A COMPLETE JOB.

GENERAL NOTES REGARDING MOLD AND MILDEW

1. THE FOLLOWING REQUIREMENTS SHALL APPLY TO ALL NEW AND REMODEL CONSTRUCTION PROJECTS.
2. IN THE EVENT THE CONTRACTOR DISCOVERS, AT ANY TIME DURING DEMOLITION, CONSTRUCTION AND/OR REMODELING OPERATIONS, EXISTING CONDITIONS THAT COULD INCLUDE THE PRESENCE OF MOLD AND/OR MILDEW, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE TENANT'S REPRESENTATIVE AND THE PROFESSIONAL OF RECORD, IN WRITING, OF THE CONCERNS AND/OR SUSPICIONS.
3. CONCURRENTLY, THE CONTRACTOR SHALL BE RESPONSIBLE TO RETAIN A MOLD AND MILDEW CERTIFIED TESTING AGENCY TO PERFORM AN INVESTIGATION AND TESTING AS REQUIRED TO EVALUATE THE NATURE AND EXTENT OF THE PROBLEM. IF THE TESTING AGENCY CONFIRMS HAZARDS, THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN A MINIMUM OF TWO (2) BIDS FROM COMPANIES QUALIFIED AND LICENSED TO PERFORM ALL NECESSARY REMEDIATION WORK, COMPLYING WITH ALL LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS, CODES, AND STATUTES.
4. ONCE DISCOVERY OR SUSPICION OF MOLD AND/OR MILDEW IS MADE, THE CONTRACTOR SHALL TAKE ALL RESPONSIBLE MEASURES AND PRACTICE PRECAUTIONS TO PROTECT ALL CONSTRUCTION PERSONNEL AND THE PUBLIC FROM EXPOSURE TO MOLD AND/OR MILDEW, AND SUCH PRECAUTIONS SHALL REMAIN IN PLACE UNTIL SUCH A TIME AS THE OWNER OR HEALTH AUTHORITY DIRECTS OTHERWISE. CONSTRUCTION OPERATIONS SHALL NOT BE STOPPED OR CURTAILED, EXCEPT IN THE AREA OF MOLD/MILDEW CONCERN, DUE TO THESE REQUIRED PRECAUTIONS.
5. THE CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO AVOID CONDITIONS FAVORABLE TO THE DEVELOPMENT OF MOLD AND MILDEW, ESPECIALLY IN VOIDS WHICH WILL BE CONCEALED AND NOT VENTILATED. IN ALL CASES, INTERIOR SPACES AND INTERIOR FINISHED CONSTRUCTION SHALL BE MAINTAINED IN DRY AND WELL-VENTILATED CONDITIONS.
6. THE CONTRACTOR SHALL COMPLY WITH FEDERAL ENVIRONMENTAL AND OSHA REGULATIONS AND ALL LOCAL AND STATE HEALTH DEPARTMENT REQUIREMENTS AND RECOMMENDATIONS REGARDING MOLD AND MILDEW.
7. ALL PENETRATIONS SHALL BE SEALED WATER-TIGHT TO PREVENT MOISTURE MIGRATION FROM ENTERING THE BUILDING OR WALL CAVITIES.
8. INSURE THAT THERE ARE NO WATER LEAKS IN CONCEALED PLUMBING CHASES. ALL EXISTING SUPPLY AIR PATHS AND ALL EXISTING RETURN AIR PATHS AND PLENUMS SHALL BE KEPT DRY.
9. DUCTWORK TO BE RE-USED SHALL BE CLEANED AND TREATED AS REQUIRED TO REMOVE POTENTIAL FOR MOLD AND MILDEW. ALL DAMP AREAS SHALL BE DRIED THOROUGHLY PRIOR TO ENCLOSURE.

SCOPE OF WORK

- NEW WINE AND SPIRITS DEPARTMENT IN ADJACENT STORAGE SPACE
- NEW OFFICES AND EMPLOYEE LOUNGE IN ADJACENT STORAGE SPACE
- REMOVE MARKET GRILLE RESTAURANT AND ADD CASUAL SEATING AREA
- ADD STARBUCKS KIOSK
- ADD SUSHI ISLAND
- REMODEL AT KITCHEN AND PREP AREAS
- ADD DELICATESSEN DEPARTMENT
- NEW PRODUCE PREP AND PRODUCE COOLER
- ADD CUSTOMER REACH IN DOORS TO DAIRY COOLER
- RESET CENTER STORE FIXTURES
- NEW PHARMACY AND CLINIC
- NEW FLORAL DEPARTMENT
- NEW CUSTOMER SERVICE & AISLES ONLINE GROCERY PICK UP AREA AT FRONT OF STORE

SITE VERIFICATION NOTES

1. THE ARCHITECT HAS MADE A SCOPE VISIT WITH MEASUREMENTS AND PHOTOGRAPHS OF EXISTING CONDITIONS AND THE ARCHITECTURAL DRAWINGS INDICATE EXISTING CONDITIONS VERIFIED IN THE FIELD. IT, HOWEVER, REMAINS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO THE SUBMISSION OF THEIR BID AND TO THE COMMENCEMENT OF ANY WORK. NO ADDITIONAL COMPENSATION WILL BE PAID DUE TO THE CONTRACTOR'S FAILURE TO ACQUAINT THEMSELVES WITH EXISTING SITE CONDITIONS WHICH INCLUDE, BUT ARE NOT LIMITED TO, GRADES, EXTENT OF PAVING, OR UTILITIES.
2. THE CONTRACTOR SHALL FIELD LOCATE AND VERIFY ALL PROPERTY LINES, EASEMENTS, SETBACKS AND RESTRICTIONS. A REGISTERED SURVEYOR SHALL ESTABLISH ALL PROPERTY LINES AND SETBACKS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND CLEARLY FLAG PROPERTY LINES AND SETBACKS. IT REMAINS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO DETERMINE EXACT LOCATION OF ALL SAID BOUNDARIES.
3. ALL UTILITY LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES (WHETHER SHOWN OR NOT) PRIOR TO THE SUBMISSION OF THEIR BID OR THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER AND ARCHITECT OF THE DISCOVERY OF EXISTING UTILITIES NOT SHOWN OR NOTED ON DRAWINGS.
4. THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND DEPTHS OF UNDERGROUND UTILITY SERVICES PRIOR TO ANY EXCAVATION.
5. THE CONTRACTOR SHALL VERIFY ALL GRADES AND PROPOSED FINAL GRADES. IF RAMPS, STOOPS, STAIRS, SIDEWALKS, FLATWORK OR PAVING ARE INSTALLED, VERIFY FINAL GRADES SURROUNDING THE NEW CONSTRUCTION AND ADJUST STAIR RISERS, RAMP LENGTHS, LIMITS OF PAVING, ETC., TO ACCOMMODATE THE REQUIRED RAMP SLOPE, RISER HEIGHTS OR PAVING AREAS. ALL RAMPS AND STAIRS SHALL MEET ADA-ADAAGS (OR ADOPTED HANDICAP ACCESSIBILITY REQUIREMENTS). IF THERE IS CONFLICT IN FIELD CONDITIONS, NOTIFY THE CONSTRUCTION MANAGER AND THE ARCHITECT PRIOR TO THE CONSTRUCTION OR ORDERING OF MATERIALS.
6. THE CONTRACTOR SHALL VERIFY THE EXISTING FINISH FLOOR ELEVATION AT ALL INTERIOR WALLS OF THE EXISTING BUILDING PRIOR TO ESTABLISHING THE FINISH FLOOR ELEVATION. TO VERIFY FLOOR ELEVATION, THE CONTRACTOR SHALL REMOVE A SMALL PORTION OF THE WALL AT THE PROPOSED OPENING BETWEEN THE INTERIOR WALLS.
7. THE CONTRACTOR SHALL VERIFY EXISTING FOOTING DEPTHS AND MATCH AT NEW ADDITION TO INSURE PROPER BLOCK COURSING. ANY DISCREPANCY SHALL BE REPORTED TO THE CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
8. FOR ANY ROOF WORK REQUIRED AS PART OF THESE DOCUMENTS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO MATCH EXISTING ROOF INSULATION THICKNESS UNLESS DIRECTED OTHERWISE. REFER TO THE ROOFING SPECIFICATIONS SECTION.
9. REPORT ANY DISCREPANCIES FOUND IN THE FIELD IMMEDIATELY TO THE CONSTRUCTION MANAGER AND THE ARCHITECT PRIOR TO MAKING ANY STRUCTURAL MODIFICATIONS OR ORDERING OF ANY MATERIALS.
10. ANY DISCREPANCY WITH THE EXISTING SITE CONDITIONS AND/OR THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION AND INSTRUCTION. THESE CONSTRUCTION DOCUMENTS HAVE BEEN DESIGNED AND DRAWN ASSUMING EXISTING BUILDING CONDITIONS MATCH THE ORIGINAL DRAWINGS. THE CONTRACTOR, IMMEDIATELY UPON ARRIVAL AT THE SITE, SHALL VERIFY ALL EXISTING STRUCTURAL COLUMN DIMENSIONS, STRUCTURAL BEARING HEIGHTS AND EXISTING DIMENSIONS. IF DISCREPANCIES ARE FOUND BETWEEN WHAT IS SHOWN ON THE DRAWINGS AND EXISTING FIELD CONDITIONS, CONTACT THE CONSTRUCTION MANAGER AND THE ARCHITECT IMMEDIATELY TO DETERMINE WHAT ACTION SHOULD BE TAKEN TO MATCH EXISTING CONDITIONS. THE BEGINNING OF CONSTRUCTION BY THE GENERAL CONTRACTOR MEANS ACCEPTANCE OF THE EXISTING CONDITIONS.

OWNER
HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
(515) 267-2800

ARCHITECT
BRR ARCHITECTURE, INC
8131 METCALF AVENUE
SUITE 300
OVERLAND PARK, KS 66204
(913) 262-9095

STRUCTURAL ENGINEER
JOHNSTON BURKHOLDER ASSOC.
930 CENTRAL
KANSAS CITY, MO 64105
(816) 421-4200

MECHANICAL, ELECTRICAL, PLUMBING ENGINEER
HENDERSON ENGINEERS
8345 LENEXA DR #300
LENEXA, KS 66214
(913) 742-5000

FINAL CONSTRUCTION DOCUMENTS - 10/20/2020

JPS

CODE ANALYSIS

1) APPLICABLE CODES

BUILDING CODE:	**2018 INTERNATIONAL BUILDING CODE (IBC)**
MECHANICAL CODE:	**2018 INTERNATIONAL MECHANICAL CODE (IMC)**
PLUMBING CODE:	**2018 INTERNATIONAL PLUMBING CODE (IPC)**
ELECTRIC CODE:	**2017 NATIONAL ELECTRICAL CODE (NEC)**
FIRE CODE:	**2018 INTERNATIONAL FIRE CODE (IFC)**
ACCESSIBILITY CODE:	**2009 ICC A117.1**
FUEL / GAS CODE:	**2018 INTERNATIONAL FUEL GAS CODE**

2) DEFERRED SUBMITTALS
FIRE PROTECTION SYSTEM SHOP DRAWINGS
FIRE ALARM SYSTEM SHOP DRAWINGS

3) USE GROUP: M
4) TYPE OF CONSTRUCTION: III-B - UNLIMITED

5) THIS BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM.

6) MIXED OCCUPANTS

A2 - BREAK ROOM AND FOOD TENANT - ACCESSORY USE
B - OFFICE, CUSTOMER SERVICE, PHARMACY, BAR - ACCESSORY USE
F-1 - FOOD PREP AREAS (DELI, BAKERY, MEAT, PRODUCE) - ACCESSORY USE
M - RETAIL SALES - MIXED USE
S1 - RECEIVING, STOCK/STORAGE ROOMS, COOLERS/FREEZERS - STORAGE AREAS (MIXED USE)

7) ALLOWABLE AREA:
A) ALLOWABLE TABULAR AREA - UNLIMITED
B) ENTIRE BUILDING IS FULLY SPRINKLERED

8) ACTUAL BUILDING AREA:
A) EXISTING FOOTPRINT AREA (MAIN LEVEL) = 85,703 SF
B) NO ADDED SQUARE FOOTAGE AS PART OF THIS REMODEL

9) OCCUPANT LOAD: TABLE 1004.5

OCCUPANCY LOAD CALCULATIONS

Name	Area	Occupancy Load	Occupants
ASSEMBLY	3,269.16	15	218
BUSINESS	2,316.24	150	16
MERCANTILE	54,930.62	60	916
PREP	6,033.35	200	31
STORAGE	13,097.06	300	44
Grand total	79,646.43		1,225

10) EXITS REQUIREMENTS
A) (4) EXITS REQUIRED (SECTION 1006.3.2) - (7) PUBLIC & (1) EMPLOYEE PROVIDED
B) 250' MAXIMUM TRAVEL (TABLE 1017.2)
C) TOTAL OCCUPANT LOAD OF LIQUOR STORE = 202 OCCUPANTS
D) TOTAL OCCUPANT EXIT OF LIQUOR STORE = 770 OCCUPANTS
E) TOTAL OCCUPANT LOAD OF GROCERY PUBLIC SPACE = 916 OCCUPANTS
F) TOTAL OCCUPANT EXIT OF GROCERY PUBLIC SPACE = 2,200 OCCUPANTS
G) TOTAL EMPLOYEE OCCUPANT EXIT = 195 OCCUPANTS
H) TOTAL OCCUPANT EXIT PROVIDED = 3,165 OCCUPANTS (3,165 > 1,225)
I) TOTAL ACCESSIBLE EXITS (PER ADA): 2 REQUIRED & 5 PROVIDED

11) TRAVEL DISTANCE
MAXIMUM TRAVEL DISTANCE: 250 FT

12) PLUMBING FIXTURE COUNTS

PER TABLE 403.1 (IPC) AND CHAPTER 29 (IBC)

TOTAL BUILDING OCCUPANT LOAD:	**1,225**
LOAD DISTRIBUTION:	**50% MALE, 50% FEMALE**
DISTRIBUTION COUNT:	**613 MALE & 613 FEMALE**

LAVATORIES REQUIRED:

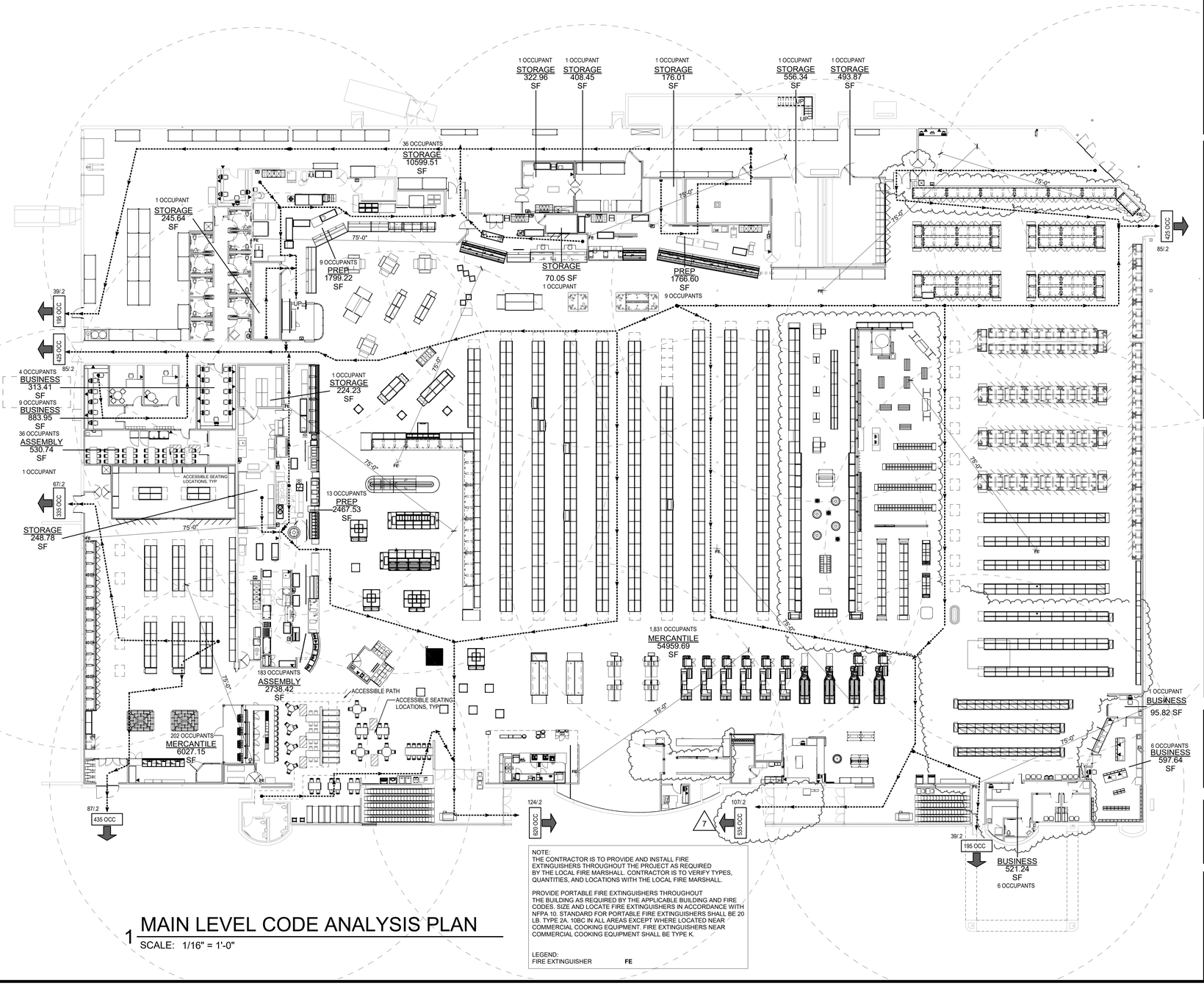
MALE LAVATORIES:	**1 (6 PROVIDED)**
FEMALE LAVATORIES:	**1 (6 PROVIDED)**

WATER CLOSETS REQUIRED:

MALE WATER CLOSETS:	**2 (6 PROVIDED)**
FEMALE WATER CLOSETS:	**2 (6 PROVIDED)**
UNISEX/FAMILY WATER CLOSETS:	**0 (1 PROVIDED)**

PER INTERNATIONAL PLUMBING CODE (IPC) TABLE 419.2 URINALS CAN BE SUBSTITUTED UP TO 50 PERCENT OF THE REQUIRED WATER CLOSETS

DRINKING FOUNTAINS:
3 REQUIRED, 2 PROVIDED (HI-LOW) + WATER AT SEATING AREA



CODE KEY PLAN

CAP # — POINT OF EGRESS AND EGRESS CAPACITY

CAP # — HORIZONTAL EXIT AND EGRESS CAPACITY

NOTE:
THE CONTRACTOR IS TO PROVIDE AND INSTALL FIRE EXTINGUISHERS THROUGHOUT THE PROJECT AS REQUIRED BY THE LOCAL FIRE MARSHALL. CONTRACTOR IS TO VERIFY TYPES, QUANTITIES, AND LOCATIONS WITH THE LOCAL FIRE MARSHALL.

PROVIDE PORTABLE FIRE EXTINGUISHERS THROUGHOUT THE BUILDING AS REQUIRED BY THE APPLICABLE BUILDING AND FIRE CODES. SIZE AND LOCATE FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 10. STANDARD FOR PORTABLE FIRE EXTINGUISHERS SHALL BE 20 LB. TYPE 2A. 10BC IN ALL AREAS EXCEPT WHERE LOCATED NEAR COMMERCIAL COOKING EQUIPMENT. FIRE EXTINGUISHERS NEAR COMMERCIAL COOKING EQUIPMENT SHALL BE TYPE K.

LEGEND:
FIRE EXTINGUISHER **FE**

1 MAIN LEVEL CODE ANALYSIS PLAN

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

REVISION		DATE BY
1	ASI #1	11/12/20
7	ASI #8	05/19/21

brr

Architect of Record:
BRR Architecture, Inc

Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Austin
Miami
Los Angeles
Chicago

8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER A-6920
REGISTERED ARCHITECT

Richard A. Majors, Jr.
Architect
Missouri License A-6920 E-007528

LOCATION:
LEE'S SUMMIT, MO #2

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee® EMPLOYEE OWNED

NORTH

CODE ANALYSIS PLAN

PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
AP	3/19/2021
SCALE:	JOB NUMBER:
As indicated	62930547

SHEET:

G0.0

5/20/2021 9:50:52 AM

GENERAL NOTES

1. PROJECT SITE WORK SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, CITY OF LEE'S SUMMIT BUILDING CODE AND APPLICABLE LOCAL, STATE AND FEDERAL REQUIREMENTS.
2. ALL WORK WITHIN CITY OF LEE'S SUMMIT RIGHT OF WAY SHALL BE COMPLETED IN ACCORDANCE WITH CITY OF LEE'S SUMMIT RIGHT OF WAY CONSTRUCTION MANAGEMENT REQUIREMENTS. CONTRACTOR SHALL OBTAIN RIGHT OF WAY CONSTRUCTION PERMIT AND ADHERE TO STANDARDS AND REQUIREMENTS OF PERMIT.
3. CONTRACTOR IS REQUIRED TO OBTAIN NECESSARY PERMITS FOR PROPOSED SITE WORK.
4. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES AND STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS AND VISIBLE FEATURES AT THE PROJECT SITE. UNKNOWN UTILITIES OR STRUCTURES COULD BE ENCOUNTERED AT PROJECT SITE. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING UTILITIES OR STRUCTURES LOCATED AT THE WORK SITE. EXISTING UTILITY LINES, EITHER OVERHEAD OR UNDERGROUND, AND PERMANENT STRUCTURE WITHIN THE PROPERTY LINES SHALL BE KEPT FREE OF DAMAGE BY CONTRACTOR'S OPERATIONS. IF SUCH UTILITY OR STRUCTURE IS DAMAGED, IT SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE.
5. IN ACCORDANCE WITH STATE LAW, CONTRACTOR SHALL NOTIFY NEBRASKA ONE CALL (NE 811) IN ADVANCE OF ANY SITE EXCAVATION OPERATIONS TO ALLOW UTILITY OPERATORS TO IDENTIFY AND LOCATE UNDERGROUND FACILITIES.
6. BEFORE EXCAVATING FOR THIS CONTRACT, THE CONTRACTOR SHALL FIELD VERIFY LOCATION AND ELEVATION OF UNDERGROUND UTILITIES AHEAD OF CONSTRUCTION. EXISTING UTILITY ELEVATION DISCREPANCIES SHALL BE REPORTED TO ENGINEER TO PERMIT REVISIONS TO DESIGN PLAN ELEVATIONS IF REQUIRED
7. ANY ON-SITE FUELING WILL COMPLY WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.
8. THE CONTRACTOR SHALL REPAIR OR REPLACE ALL EROSION CONTROL MEASURES DAMAGED BY CONSTRUCTION ACTIVITIES.
9. CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL & SAFETY MEASURES. WHERE REQUIRED IN CITY OF LEE'S SUMMIT RIGHT OF WAY TO FACILITATE UTILITY OR PAVEMENT INSTALLATION, TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH LEE'S SUMMIT TRAFFIC CONTROL GUIDELINES.
10. CONTRACTOR SHALL NOTIFY THE UTILITY PROVIDER TO COORDINATE AND SCHEDULE PROPOSED UTILITY SERVICE CONNECTIONS.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION AND DUST CONTROL, IN ACCORDANCE WITH THE CONSTRUCTION STORMWATER DISCHARGE PERMIT (CSW) FOR THE PROJECT SITE. SEDIMENT AND VEHICLE TRACK OUT FROM FACILITY SHALL BE PROMPTLY CLEANED BY CONTRACTOR. ANY DAMAGE FROM BLOWING DUST OR EROSION AND RUNOFF FROM THE SITE SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
12. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL SURVEYED PROPERTY CORNERS.

GENERAL GRADING NOTES

1. CONTRACTOR SHALL VERIFY THAT CONSTRUCTION STORMWATER DISCHARGE PERMIT, NPDES CSW-NOI, HAS BEEN SUBMITTED AND APPROVED PRIOR TO LAND DISTURBANCE ACTIVITIES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSPECTIONS PRIOR TO COMMENCING CONSTRUCTION.
2. CONTRACTOR SHALL INSTALL EROSION AND SEDIMENT CONTROL MEASURES WHERE INDICATED ON EROSION AND SEDIMENT CONTROL PLANS.
3. ALL HERBACEOUS VEGETATION AND TOPSOIL SHALL BE REMOVED FROM WITHIN THE LIMITS OF GRADING PRIOR TO PLACEMENT OF FILL MATERIAL. REFERENCE GEOTECHNICAL REPORT FOR ANTICIPATED DEPTH OF TOPSOIL ON THE PROJECT SITE.
4. SITE EARTHWORK ACTIVITIES INCLUDING: PLACEMENT OF STRUCTURAL FILL, BUILDING PAD PREPARATION, PAVEMENT SUBGRADE PREPARATION, UTILITY EXCAVATION, COMPACTION, MOISTURE CONDITIONING, ETC. AND OTHER REMEDIAL SOIL MEASURES SHALL BE IN ACCORDANCE WITH THE PROJECT REPORT OF GEOTECHNICAL EXPLORATION (IF AVAILABLE). REFER TO GRADING PROCEDURE NOTES.
5. THE PROPOSED CONTOURS AND SPOT ELEVATIONS REPRESENT TOP OF SLAB, TOP OF CURB, OR BUILDING FLOOR ELEVATIONS. IN GREENSPACE AREAS, THEY REPRESENT THE FINISHED GROUND SURFACE. THE GRADING CONTRACTOR SHALL REVIEW TYPICAL SECTIONS FOR: BUILDING FLOOR SLABS, PAVEMENTS AND LANDSCAPE AREAS TO VERIFY FINAL SUBGRADE ELEVATIONS IN THOSE AREAS.
6. ALL LINES SHOWN REPRESENTING PAVEMENT ARE TO BACK OF CURB OR EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.
7. CONTRACTOR WILL BE HELD RESPONSIBLE FOR SETTLEMENT DUE TO IMPROPER COMPACTION.
8. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL PROPERTY CORNERS. PROPOSED GRADING SHALL NOT EXTEND BEYOND LIMITS OF PROPERTY LINES OR PROJECT LIMITS INDICATED ON GRADING PLANS. THE CONTRACTOR SHALL NOTIFY THE SITE INSPECTOR, OWNER OR ENGINEER IMMEDIATELY IF ANY GRADING WILL TAKE PLACE BEYOND THE PROPERTY LINE.
9. SUFFICIENT TOPSOIL SHOULD BE SALVAGED AND STOCKPILED BY THE CONTRACTOR FOR RE-SPREADING IN PERMANENT PLANTING AREAS, INCLUDING PARKING LOT ISLANDS AND GREEN SPACES. STOCKPILING AND RE-SPREADING OF TOPSOIL IS NOT A SEPARATE BID ITEM, BUT SHALL BE CONSIDERED SUBSIDIARY TO THE SITE GRADING.
10. UNLESS OTHERWISE INDICATED, TOPSOIL SALVAGED AS PART OF THE EXCAVATION SHALL BE PLACED TO A MINIMUM DEPTH OF 6 INCHES OVER ALL PERMANENT GREENSPACE AREAS. LARGE STONES, STICKS AND LUMPS SHALL BE REMOVED OR BROKEN UP, AND THE TOPSOIL SHALL BE LEVELED AND RAKED TO MATCH ADJACENT GRADES, READY FOR SEEDING. ANY ROCK OR SAND FROM PAVING ACTIVITIES SHALL BE REMOVED PRIOR TO PLACEMENT OF TOPSOIL. ALL EXCESS SOILS, NOT RE-SPREAD WITHIN THE PROJECT LIMITS, SHALL BE REMOVED BY THE CONTRACTOR.
11. IF THERE ARE TREES ON THIS SITE THAT DO NOT SHOW UP ON THE PLANS, THE CONTRACTOR SHALL COORDINATE WITH OWNER'S REPRESENTATIVE OR ENGINEER FOR REMOVAL OR RELOCATION, IF REQUIRED.
12. THE CONTRACTOR SHALL FINISH GRADE SLOPES AS SHOWN NO STEEPER THAN ONE FOOT VERTICAL IN 4 FEET HORIZONTAL.
13. CONTRACTOR SHALL GRADE ALL GREENSPACE AND LANDSCAPE AREAS TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING PADS AND SIDEWALKS AFTER LANDSCAPE MATERIALS ARE IN PLACE. TYPICAL SLOPE AWAY FROM BUILDING SHALL BE 2% UNLESS OTHERWISE INDICATED..
14. AT THE COMPLETION OF GRADING, THE CONTRACTOR SHALL REMOVE ANY EXCESS EXCAVATION FROM THE SITE.
15. CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL NECESSARY FOR PROPOSED LAND DISTURBANCE ACTIVITIES.
16. ALL EXCAVATIONS AND TRENCHES SHALL BE SLOPED/SHORED/BRACED FOR PROTECTION OF PERSONNEL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY AND IMPLEMENTING/INSTALLING SAFETY MEASURES AS REQUIRED TO PROTECT SITE WORKERS AND THE SAFETY OF THE PUBLIC. OPEN EXCAVATIONS SHALL BE PROTECTED AND/OR FENCED AS NECESSARY.

GRADING PROCEDURE NOTES

1. ALL HERBACEOUS VEGETATION AND TOPSOIL SHALL BE REMOVED FROM WITHIN THE LIMITS OF GRADING PRIOR TO PLACEMENT OF STRUCTURAL FILL MATERIAL
2. THE TOP TWELVE (12) INCHES OF THE EXISTING SUBGRADE TO BE SCARIFIED AND RECOMPACTED BEFORE THE PLACEMENT OF ANY FILL.
3. STRUCTURAL FILL AND BACKFILL USED ON THIS SITE SHALL CONSIST OF APPROVED MATERIALS FREE OF INORGANIC MATTER AND DEBRIS. SOILS MUST BE LOW-PLASTICITY, COHESIVE MATERIAL WITH A LIQUID LIMIT LESS THAN 45 AND PLASTICITY INDEX LESS THAN 25.
4. ALL FLOOR SLABS SHALL BEAR ON A MINIMUM OF 18 INCHES OF CONTROLLED FILL.
5. PROPOSED FILL SOILS MUST BE TESTED AND APPROVED PRIOR TO PLACEMENT USING AT A MINIMUM A STANDARD PROCTOR TEST (ASTM D698) AND AN ATTEBERG LIMITS TEST FOR EACH SOIL TYPE OR SOURCE CONSIDERED.
6. FILL AND BACKFILL PLACED IN AND AROUND THE BUILDING AREAS MUST BE COMPACTED TO AT LEAST 98% OF THE MATERIALS STANDARD PROCTOR. FILL PLACED BELOW THE BASE OF THE PAVEMENT SOIL SUBGRADE MUST BE COMPACTED TO AT LEAST 95% OF THE MATERIALS STANDARD PROCTOR. FILL PLACED WITHIN THE UPPER 12 INCHES OF PAVEMENT AND BUILDING SUBGRADES SHALL BE COMPACTED TO AT LEAST 98% STANDARD PROCTOR.
7. UNLESS OTHERWISE INDICATED, ALL EXCESS UTILITY, PAVING AND FOUNDATION SPOIL MATERIAL SHALL BE REMOVED FROM SITE.
8. ROUGH GRADING TOLERANCES: BUILDING PAD: -0.0' TO +0.1'; PAVED AREAS -0.1' TO +0.1'; ALL OTHER AREAS: -0.2' TO +0.2'. FINAL BUILDING PAD GRADING AND PAVEMENT GRADING SHALL MATCH THE PROPOSED TYPICAL SECTIONS OF BUILDING SLAB AND PAVEMENT THICKNESS.
9. ANY GEOTECHNICAL/TESTING REPORTS SOLICITED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE OWNER AND THE ENGINEER.
10. ONCE STRIPPING AND REMOVAL OPERATIONS ARE COMPLETE, THE CONTRACTOR SHALL PROOFROLL THE AREAS TO RECEIVE STRUCTURAL FILL.

GENERAL UTILITY NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN UTILITY CLEARANCES BETWEEN SITE UTILITIES FOR ALL PROPOSED SITE UTILITY LINES.
2. ALL TRENCHES SHALL BE BACKFILLED AND COMPACTED TO A MINIMUM OF 98% (ASTM D698).
3. THE CONTRACTOR SHALL RESTORE ANY DISTURBED AREAS TO ITS PREVIOUS CONDITION.
4. THE CONTRACTOR SHALL VERIFY ALL VERTICAL AND HORIZONTAL CROSSINGS OF ALL PROPOSED AND EXISTING UTILITIES PRIOR TO INSTALLATION OF UTILITIES. NOTIFY THE ENGINEER IN CASE OF ANY CONFLICTS.
5. ALL CONDUIT STUBS SHALL BE CAPPED AND MARKED ABOVE GROUND WITH REBAR AND A FLAG.

PRIVATE STORM SERVICE NOTES

1. ALL STORM SEWER CONSTRUCTION SHALL COMPLY WITH APPLICABLE CITY OF LEE'S SUMMIT BUILDING AND PLUMBING CODES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR PROPOSED STORM SEWER CONSTRUCTION.
2. WHERE REQUIRED TO FACILITATE UTILITY INSTALLATION, TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH LEE'S SUMMIT TRAFFIC CONTROL GUIDELINES.
3. ALL STORM SEWER PIPING AND FITTINGS SHALL COMPLY WITH CITY OF LEE'S SUMMIT PLUMBING CODE.
4. STORM SEWER PIPING MATERIALS SHALL BE IN ACCORDANCE WITH PROJECT TECHNICAL SPECIFICATIONS. IF TECHNICAL SPECIFICATIONS ARE NOT INCLUDED IN CONSTRUCTION DOCUMENTS, CONTRACTOR SHALL PROVIDE:
   - 4.1. REINFORCED CONCRETE PIPE (RCP) CLASS III
   - 4.2. HDPE DUAL WALL (ASTM F2648), ADVANCED DRAINAGE SYSTEM (ADS) TYPE N-12 OR APPROVED EQUAL.
5. STORM SEWER STRUCTURES MATERIALS SHALL BE IN ACCORDANCE WITH PROJECT TECHNICAL SPECIFICATIONS OR CONSTRUCTION DETAILS. IF TECHNICAL SPECIFICATIONS ARE NOT INCLUDED IN CONSTRUCTION DOCUMENTS, CONTRACTOR SHALL PROVIDE:
   - 5.1. DRAINAGE BASINS, CURB INLETS AND INLINE DRAINS SHALL BE (ADS), NYLOPLAST OR APPROVED EQUAL.
6. FOR PURPOSES OF CLARITY, NOT ALL FITTINGS FOR STORM SEWER PIPING ARE SHOWN. CONTRACTOR SHALL PROVIDE FITTINGS AS NECESSARY TO COMPLETE CONNECTIONS AS SHOWN ON THESE DRAWINGS.
7. PRIOR TO INSTALLATION, THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF THE EXISTING STORM SEWER ELEVATION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY ELEVATION DISCREPANCIES PRIOR TO PLACEMENT OF CONCRETE PAVEMENT.
8. CONTRACTOR SHALL MAINTAIN STORM SEWER SERVICE OF THE EXISTING STORM PIPING DURING CONSTRUCTION OF NEW STORM SEWER.

PRIVATE PAVING NOTES (SITE CONSTRUCTION)

1. PAVEMENT SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH THE PROJECT TECHNICAL SPECIFICATIONS, OR THE CONSTRUCTION DETAILS AS SHOWN ON THESE PLANS. IN CASES WHERE THE SPECIFICATIONS OR DETAILS DIFFER, THE MORE STRINGENT REQUIREMENT SHALL APPLY
2. THE CONTRACTOR SHALL COORDINATE SUBGRADE DENSITY TESTING AND CONCRETE TESTING WITH OWNER'S TESTING AGENCY PRIOR TO INSTALLATION OF CONCRETE PAVEMENT.
3. CONCRETE MIX DESIGN SHALL BE IN ACCORDANCE WITH PROJECT TECHNICAL SPECIFICATIONS. IF TECHNICAL SPECIFICATIONS ARE NOT INCLUDED IN CONSTRUCTION DOCUMENTS, CONTRACTOR SHALL PROVIDE ENGINEER APPROVED EQUAL.
4. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF THE EXISTING PAVEMENT. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY ELEVATION DISCREPANCIES PRIOR TO PLACEMENT OF CONCRETE PAVEMENT.
5. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND INSPECTIONS PRIOR TO PAVEMENT CONSTRUCTION INCLUDING: CURB CUT PERMIT, SIDEWALK PERMIT OR OTHER PERMITS AS REQUIRED BY LOCAL JURISDICTION.
6. CONCRETE PAVEMENT SHALL BE INSTALLED IN ACCORDANCE WITH PROJECT TECHNICAL SPECIFICATIONS. IF TECHNICAL SPECIFICATIONS ARE NOT INCLUDED IN CONSTRUCTION DOCUMENTS, CONCRETE PAVEMENT SHALL BE INSTALLED TO MEET THE INDUSTRY STANDARDS AS DESCRIBED IN ACI 330R-08. IN CASES WHERE THE CONSTRUCTION PLANS OR DETAILS DIFFER FROM ACI330R-08, THE MORE STRINGENT REQUIREMENT SHALL APPLY
7. ALL CONCRETE SHALL BE PLACED IN ACCORDANCE WITH ACI 305 & 206 'HOT WEATHER' & COLD WEATHER' CONCRETING. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BLANKETS, EXTERNAL HEAT, OR OTHER METHODS AS REQUIRED TO ENSURE CONCRETE PLACEMENT AND TEMPERATURE ARE MAINTAINED WITHIN SPECIFIED REQUIREMENTS. CONCRETE SHALL BE MAINTAINED AT A MINIMUM TEMPERATURE OF 50° FOR THREE DAYS AFTER THE COMPLETION OF PLACEMENT.
8. PAVEMENT JOINTS SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS SHOWN ON THESE PLANS. MAXIMUM SPACING FOR SAWED TRANSVERSE CONSTRUCTION JOINTS FOR CONCRETE PAVEMENT SHALL BE 10'. SLABS SHALL BE KEPT AS SQUARE AS POSSIBLE, TRANSVERSE JOINT SPACING SHALL NOT EXCEED 125% OF THE LONGITUDINAL JOINT SPACING. SAWED JOINTS SHALL BE A MINIMUM DEPTH OF ¼ OF THE PAVEMENT THICKNESS
9. ALL PAVEMENT JOINTS SHALL BE SEALED WITH SELF-LEVELING POLYURETHANE SEALANT WITH COLOR MATCHING THE CONCRETE PAVEMENT.
10. A ½" CLOSED CELL EXPANSION JOINT SHALL BE PROVIDED BETWEEN CONCRETE PAVEMENT AND FIXED STRUCTURAL OBJECTS (MANHOLES, WALLS, LIGHT POLES, ETC.), AND BETWEEN PAVEMENT CURBS AND SIDEWALKS
11. MAXIMUM JOINT SPACING ON CONCRETE SIDEWALKS SHALL BE 5', UNLESS OTHERWISE SHOWN ON PAVEMENT JOINTING PLAN.
12. CONCRETE SIDEWALK SHALL BE INSTALLED IN ACCORDANCE WITH THE CONSTRUCTION DETAILS AS SHOWN ON THESE PLANS. THE MAXIMUM CROSS SLOPE ON ALL SIDEWALKS SHALL BE 2.0% THE MAXIMUM RUNNING SLOPE ON ALL SIDEWALKS (EXCLUDING CURB RAMPS) SHALL BE 5.0% SIDEWALK SHALL BE MINIMUM OF 4" CONCRETE, UNLESS OTHERWISE SHOWN.
13. PROVIDE OPENINGS IN PAVEMENT CURB FOR ACCESSIBLE CURB RAMPS WHERE SHOWN ON THE PLANS.
14. THE PAVING CONTRACTOR SHALL ADJUST ALL MANHOLES, VALVES, INLETS, AND CLEAN-OUTS TO GRADE. THE PAVING CONTRACTOR IS RESPONSIBLE FOR SETTING INLET TOPS. THE PAVING CONTRACTOR SHALL PLACE TRAFFIC RATED CAPS ON ALL CLEAN-OUTS WITHIN PAVED AREAS.
15. CONTRACTOR SHALL STRIPE ALL PARKING LOTS AS SHOWN. PARKING STALL STRIPPING SHALL BE 4" WHITE MARKINGS, UNLESS OTHERWISE SHOWN.
16. ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
17. ALL COORDINATE POINTS ARE TO BACK OF CURB UNLESS SPECIFIED OTHERWISE.
18. PAVEMENT CURBS SHALL BE PROMPTLY BACKFILLED FOLLOWING PAVEMENT OPERATIONS. ALL ISLANDS SHALL BE BACKFILLED WITH TOPSOIL PRIOR TO LANDSCAPING.

REVISION	DATE BY

STATE OF MISSOURI
MITCHELL ALAN ELLIS
NUMBER PE-2009016764
OCT 30 21
PROFESSIONAL ENGINEER

olsson
Missouri Certificate of Authority #001592
7301 W 133rd Street, Suite 200
Overland Park, Kansas 66213
TEL 913.318.1170
www.olsson.com

LOCATION:
LEE'S SUMMIT, MISSOURI 2
AISLES ONLINE

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935
Hy-Vee®
EMPLOYEE OWNED

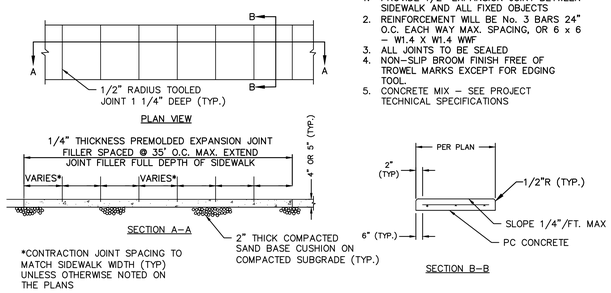
TRUE NORTH PLAN NORTH

GENERAL NOTES

DRAWN:	DATE:
HMO	05/20/2021
SCALE:	JOB NUMBER:
	LS2020-3151

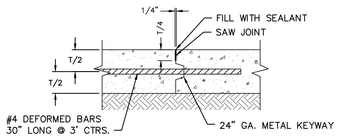
SHEET:
C0.1

DWG: F:\2020\3001-3500\020-3151\40-Design\AutoCAD\Preliminary Plans\Sheets\GNCV\140 Lee's Summit 2 HyVee\C_GEN01_LS2020315I.dwg USER: hokeefe
DATE: May 20, 2021 2:12pm XREFS: C_TBLK_LS2020315I



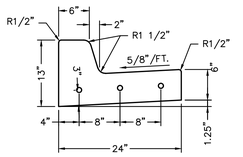
NOTE:
1. PROVIDE 1/2" EXPANSION JOINT BETWEEN SIDEWALK AND ALL FIXED OBJECTS
2. REINFORCEMENT WILL BE No. 3 BARS 24" O.C. EACH WAY MAX. SPACING, OR 6 x 6 – W1.4 X W1.4 WWF
3. ALL JOINTS TO BE SEALED
4. NON-SLIP BROOM FINISH FREE OF TROWEL MARKS EXCEPT FOR EDGING TOOL.
5. CONCRETE MIX – SEE PROJECT TECHNICAL SPECIFICATIONS

CONCRETE SIDEWALK
NOT TO SCALE



T=PAVEMENT THICKNESS

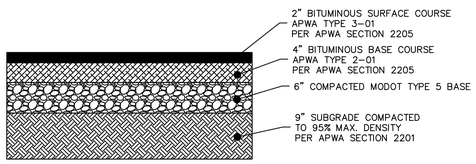
CONSTRUCTION JOINT
NOT TO SCALE



GENERAL NOTES:

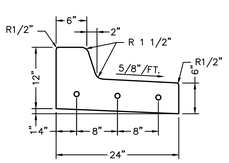
1. 3/4" ISOLATION JOINTS WITH 5/8" DIA. X 2' SMOOTH DOWELS SHALL BE PLACED AT RADIUS POINTS AND AT 150' INTERVALS. THESE DOWEL BARS SHALL BE GREASED AND WRAPPED ON ONE END WITH EXPANSION TUBES.
2. 1" DEEP CONTRACTION JOINTS SHALL BE INSTALLED AT APPROXIMATELY 10' INTERVALS. THESE JOINTS SHALL PASS ACROSS THE ENTIRE CURB SECTION.
3. FIX DOWEL BARS WITH BAR SUPPORTS.
4. DEPTH OF CURB SHALL BE A MINIMUM OF 8" THROUGH HANDICAP ACCESSRAMP.

STRAIGHT BACK CURB & GUTTER
NOT TO SCALE



NOTE: ALL CONSTRUCTION, SITE PREPARATION, GRADING, AND EXCAVATION PROCEDURES SHALL CONFORM TO RECOMMENDATIONS AS OUTLINED IN THE GENERAL NOTES INCLUDING ADDENDUMS. CONTRACTOR SHALL CONTACT ENGINEER WITH ANY DISCREPANCIES OR CONCERNS BASED ON ACTUAL SITE CONDITIONS.

HEAVY ASPHALT PAVEMENT
NOT TO SCALE



GENERAL NOTES:

1. 3/4" ISOLATION JOINTS WITH 5/8" DIA. X 2' 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. 1" DEEP CONTRACTION JOINTS SHALL BE INSTALLED AT APPROXIMATELY 10' INTERVALS. THESE JOINTS SHALL PASS ACROSS THE ENTIRE CURB SECTION.
3. FIX DOWEL BARS WITH BAR SUPPORTS.
4. DEPTH OF CURB SHALL BE A MINIMUM OF 8" THROUGH HANDICAP ACCESSIBLE RAMP.

STRAIGHT BACK DRY CURB & GUTTER
NOT TO SCALE

REVISION	DATE BY

olsson
Missouri Certificate of Authority #001592
7301 W 133rd Street, Suite 200
Overland Park, Kansas 66213
TEL 913.318.1170
www.olsson.com

LOCATION:
LEE'S SUMMIT, MISSOURI 2
AISLES ONLINE

HyVee®
EMPLOYEE OWNED

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

TRUE NORTH PLAN NORTH

GENERAL DETAILS

DRAWN:	DATE:
HMO	05/20/2021
SCALE:	JOB NUMBER:
	LS2020-3151

SHEET:
C0.2

DWG: F:\2020\3001-3500\020-3151\40-Design\AutoCAD\Preliminary Plans\Sheets\GNCV\140 Lee's Summit 2 HyVee\C_DTL01_LS2020315l.dwg USER: hokeefe
DATE: May 20, 2021 2:13pm XREFS: C_PTBLK_LS2020315l

CONTROL POINT INFORMATION:

Horizontal & Vertical Control is based on the MoDOT Continuously Operating GNSS Network, Missouri State Plane Coordinate System 1983, West Zone.

Coordinate Datum: State Plane Bearings, Ground Distances, US Survey Feet. Project Coordinates are State Plane Coordinates.

Olsson Control Point #1
Set 3/8" rebar with red Olsson control cap set in grass on West side of South entrance into HyVee gas station.
Project Coordinates
N: 999006.61
E: 2817609.29
Elevation: 990.11'
1. 8.60' South to back of curb for private road.
2. 13.30' East to back of curb at entrance to gas station.
3. 20.40' North to South edge of light pole base.

Olsson Control Point #2
Set 3/8" rebar with red Olsson control cap set in grass island NW of HyVee building.
Project Coordinates
N: 998961.41
E: 2817622.30
Elevation: 988.80'
1. 6.00' South to East most corner of curb inlet.
2. 6.50' SW to West most corner of curb inlet.
3. 26.80' NE to a 12" tree.

Olsson Control Point #3
Set 3/8" rebar with red Olsson control cap set in grass island on North side of HyVee building, lying between the second and third trees in the South row of trees.
Project Coordinates
N: 999.002.29
E: 2817828.86
Elevation: 990.46'
1. 4.90' South to back of curb on North side of parking lot on North side of HyVee building.
2. 15.50' NW to a 12" tree.
3. 12.80' NE to a 14" tree.

Olsson Control Point #4
Set 3/8" rebar with red Olsson control cap set in grass island of parking lot, lying East of NE corner of HyVee building and East of main drive.
Project Coordinates
N: 998952.51
E: 2817982.08
Elevation: 989.80'
1. 8.90' SW to a water spigot.
2. 6.30' NE to PI in curb line of island.
3. 7.70' South to PI in curb line of island.

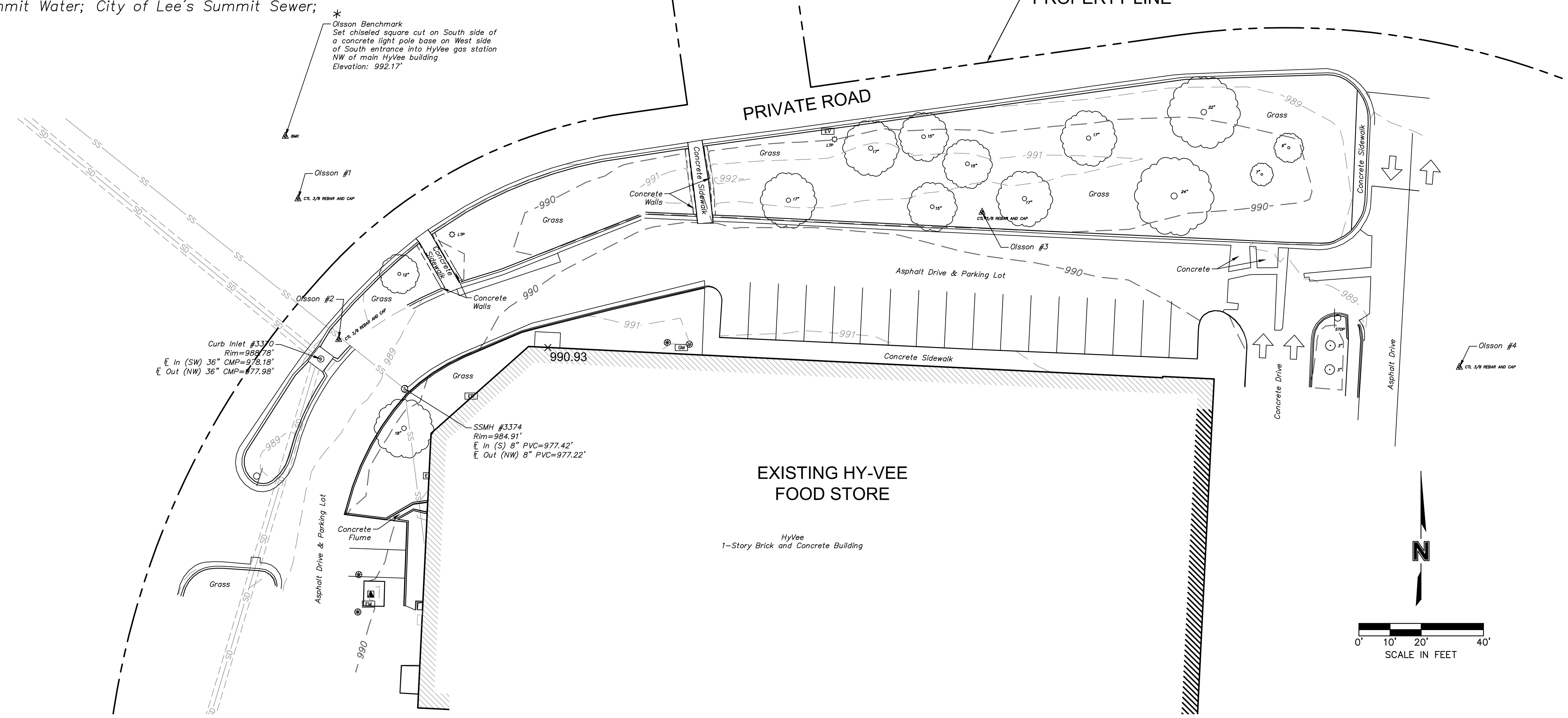
	SET 1/2" X 24" REBAR W/ OLSSON CONTROL CAP
	FOUND REBAR (ORIGIN UNKNOWN UNLESS OTHERWISE NOTED)
FH	FIRE HYDRANT
WV	WATER VALVE
WM	WATER METER
D	STORM SEWER MANHOLE
E	ELECTRIC BOX
—W—	WATER LINE
—P-UG—	UNDERGROUND POWER LINE
—SD—	STORM SEWER PIPE
	SIGN
	DECIDUOUS TREE
	CONIFEROUS TREE
BU	BUSH
	TREE LINE/ BRUSH LINE
	BUILDING LINE
ASPH.	ASPHALT
AT&T	AMERICAN TELEPHONE & TELEGRAPH
BMK	BENCHMARK
CONC.	CONCRETE
CP	CONTROL POINT
CTL	CONTROL
ELEV.	ELEVATION
FL	FLOW LINE
FF	FINISH FLOOR ELEVATION
FND	FOUND
HDPE	HIGH DENSITY POLYETHYLENE PIPE
LSA	LANDSCAPE AREA
LTP	LIGHT POLE
RBCP	REBAR W/ CONTROL CAP
UG	UNDERGROUND
W/	WITH
*	DENOTES OLSSON BENCHMARK

LEGEND

	FOUND MONUMENT
	BOLLARD
	WATER VALVE/SPRINKLER
	SIGN
	POWER POLE
	YARD LIGHT
D	STORM DRAIN MANHOLE
SPH	SPRINKLER HEAD
SCV	SPRINKLER VALVE
—SD—	STORM PIPE
	PROPERTY LINE
	BUILDING LINE

UTILITIES NOTE:

Utilities shown have been located from field survey information, together with obtained records. The Surveyor makes no guarantee that the utilities shown comprise all such utilities in the area, either in-service or abandoned. The Surveyor further does not warrant that the utilities shown are in the exact location indicated. Locates are in compliance with Subsurface Utility Engineering Quality Level "B", and were through the Missouri One-Call System, Ticket Number 210632309. Utility companies listed on said Ticket are: ATT Distribution; Evergy; Spire MO West; City of Lee's Summit Water; City of Lee's Summit Storm Sewer; and Spectrum. No private utilities were located.



REVISION | DATE BY

STATE OF MISSOURI
MITCHELL ALAN
NUMBER
PE-2009016764
PROFESSIONAL ENGINEER

olsson
Missouri Certificate of Authority #001592
7301 W 133rd Street, Suite 200
Overland Park, Kansas 66213
TEL 913.318.1170
www.olsson.com

LOCATION:
LEE'S SUMMIT, MISSOURI 2
AISLES ONLINE

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

HyVee
EMPLOYEE OWNED

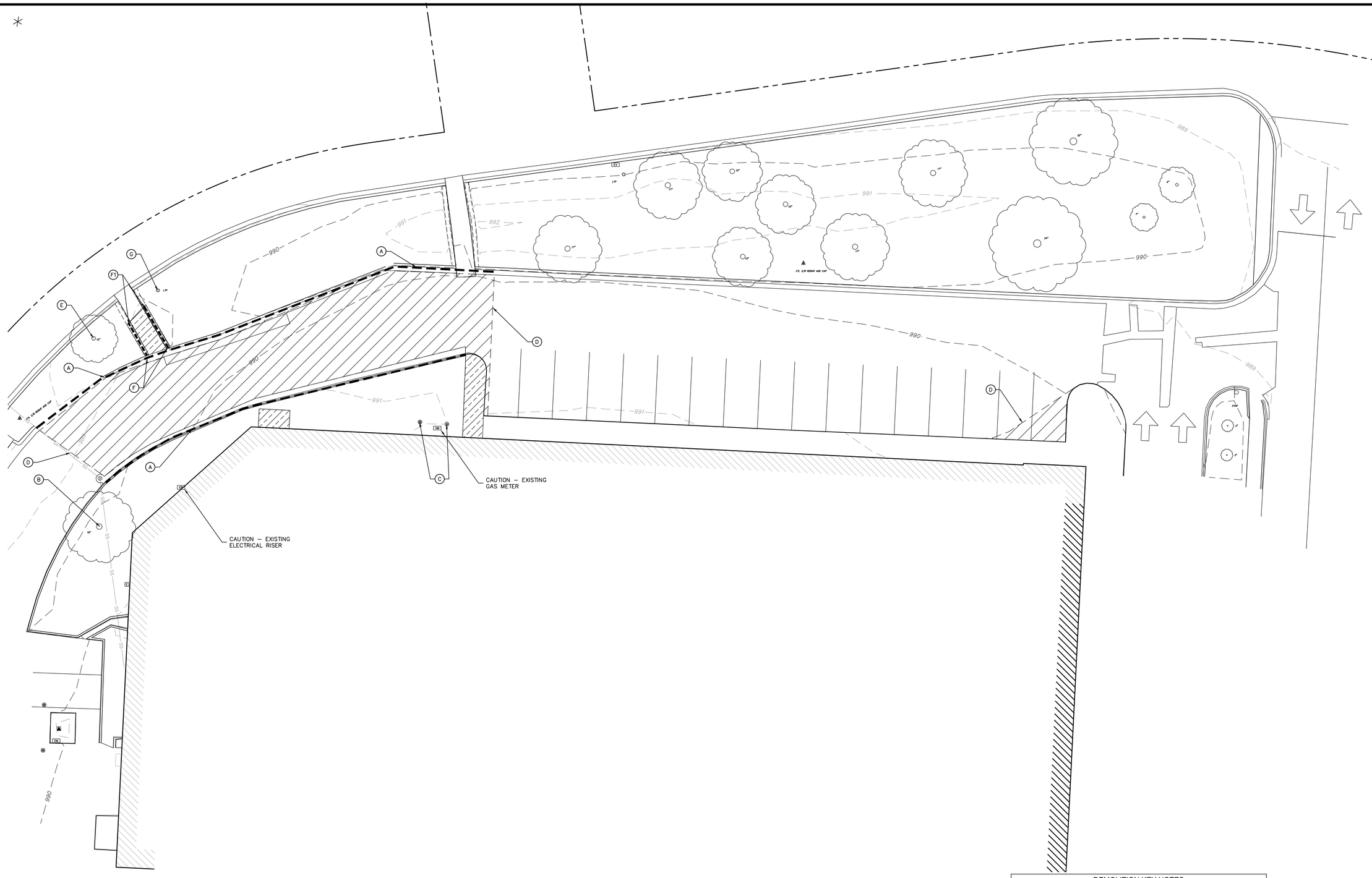
TRUE NORTH | PLAN NORTH

EXISTING CONDITIONS

DRAWN:	DATE:
HMO	05/20/2021
SCALE:	JOB NUMBER:
1' = 10"	LS2020-3151

SHEET:
C1.0

DWG: F:\2020\3001-3500\020-3151\40-Design\AutoCAD\Preliminary Plans\Sheets\GNCV\140 Lee's Summit 2 HyVee\C_EXC01_LS20203151.dwg USER: hokeefe
DATE: May 20, 2021 2:13pm XREFS: C_PTBLK_LS20203151 C_XTOPO_LS20203151



DWG: F:\2020\3001-3500\020-3151\40-Design\AutoCAD\Preliminary Plans\Sheets\GNCV\140 Lee's Summit 2 HyVee\C_DEMO1_LS20203151.dwg USER: hokeefe
DATE: May 20, 2021 - 2:13pm XREFS: C_TBLK_LS20203151 C_XTOPO_LS20203151 C_PBASE_LS20203151

DEMOLITION NOTES

1. CONTRACTOR TO PROTECT ALL UTILITY, PAVING, BUILDINGS, ETC. OUTSIDE OF LIMITS OF PROPOSED CONSTRUCTION DURING DEMOLITION OPERATIONS.
2. EXISTING PAVEMENT SHALL BE REMOVED WHERE REQUIRED FOR PROPOSED CONSTRUCTION, UNLESS OTHERWISE NOTED. SAWCUTS SHALL BE TO FULL DEPTH OF EXISTING PAVEMENT. CONCRETE PAVEMENT SHALL BE REMOVED TO NEAREST EXISTING JOINT WHEN LESS THAN 5' FROM PROPOSED SAWCUT.
3. CONTRACTOR SHALL REFER TO PAVING PLAN FOR DETAILS ON LIMITS OF PAVING DEMOLITION.
4. ALL DEMOLITION WORK ON THIS CONSTRUCTION SITE SHALL BE IN CONFORMANCE WITH PROJECT SPECIFICATIONS AND CITY OF LEE'S SUMMIT BUILDING CODE.
5. THE DEMOLITION PLAN DEPICTS THE ANTICIPATED REMOVALS NECESSARY FOR CONSTRUCTION OF THE PROJECT. MISCELLANEOUS AND MINOR REMOVALS MAY NOT BE SHOWN IN DETAIL BUT ARE CONSIDERED OBLIGATORY TO THE PROJECT. ADDITIONAL REMOVALS MAY BE NECESSARY AND THE CONTRACTOR WILL BE REQUIRED TO REMOVE ALL EXISTING IMPROVEMENTS THAT ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION AND AS OTHERWISE DIRECTED BY THE OWNER.
6. CONTRACTOR SHALL COORDINATE DEMOLITION AND/OR RELOCATION OF EXISTING UTILITIES WITH THE APPROPRIATE UTILITY OWNER AND IN ACCORDANCE WITH THE UTILITY OWNER'S REQUIREMENTS. INTERRUPTIONS IN SERVICE SHALL BE COORDINATED WITH THE UTILITY OWNER AND PROPERTY OWNER(S) IMPACTED. CONTRACTOR SHALL COORDINATE WITH THE RESPECTIVE UTILITY COMPANY FOR PORTIONS OF THE WORK TO BE PERFORMED BY UTILITY COMPANY'S FORCES, AND PROVIDE ADEQUATE NOTICE FOR SCHEDULING. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES, UNLESS OTHERWISE PAID BY OWNER PRIOR TO CONSTRUCTION. UTILITY REMOVAL TRENCHES SHALL BE BACKFILLED AND COMPACTED TO A MINIMUM OF 98% (ASTM D698).
7. CONTRACTOR TO COMPLETELY REMOVE TREES DESIGNATED TO BE REMOVED, STUMPS, AND ROOT SYSTEMS.
8. PRIOR TO DEMOLITION WORK, EROSION CONTROL DEVICES ARE TO BE INSTALLED. EROSION CONTROL MEASURES SHALL BE ADJUSTED AS DEMOLITION AND CONSTRUCTION SEQUENCING WARRANTS.
9. ALL EXISTING UNUSED SERVICE LINES FOR WATER AND WASTEWATER SHALL BE REMOVED PER LOCAL UTILITY COMPANY STANDARDS. ALL EXISTING UNUSED GAS, TELEPHONE, FIBER OR ELECTRIC LINE/SERVICE SHALL BE COORDINATED FOR REMOVAL WITH UTILITY COMPANY.
10. THE CONTRACTOR IS RESPONSIBLE FOR DEMOLITION, REMOVAL, AND DISPOSING IN A MANNER APPROVED BY ALL GOVERNING AUTHORITIES FOR ALL STRUCTURES, PADS, WALLS, PANS, FOUNDATIONS, PAVEMENT, UTILITIES, ETC. TO BE DEMOLISHED, SUCH THAT THE IMPROVEMENTS SHOWN ON THE PLANS CAN BE CONSTRUCTED. DEMOLITION AND DISPOSAL PERMITS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO APPROVED GRADE AND BROUGHT UP TO PROPOSED GRADE WITH SUITABLE COMPACTED FILL MATERIAL.
11. DURING DEMOLITION OPERATIONS, THE CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES.
12. CONTRACTOR SHALL PRESERVE ALL LANDSCAPING NOT TO BE REMOVED FOR CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL AREAS DISTURBED BY CONSTRUCTION.

N

0' 5' 10' 20'
SCALE IN FEET

DEMOLITION KEY NOTES	
A	REMOVE EXISTING CURB AND GUTTER
B	REMOVE EXISTING LANDSCAPE
C	REMOVE EXISTING BOLLARDS
D	SAWCUT EXISTING ASPHALT
E	PROTECT EXISTING TREE
F	REMOVE EXISTING MODULAR BLOCK WALL
F1	ADJUST EXISTING MODULAR BLOCK WALL AS NECESSARY TO ACCOMODATE NEW CURB AND PAVING. SEE SHEET C2.0
G	REMOVE EXISTING LIGHT POLE AND BASE. SALVAGE POLE AND FIXTURE TO OWNER. SEE SHEET C2.0 FOR RELOCATION OF SAID FIXTURE

LEGEND

- REMOVE EXISTING CONCRETE SIDEWALK
- REMOVE EXISTING ASPHALT PAVEMENT
- REMOVE EXISTING CURB AND GUTTER

REVISION	DATE BY

STATE OF MISSOURI
MITCHELL ALAN O'LEARY
NUMBER
PE-2009016764
OCT. 30th, 21
PROFESSIONAL ENGINEER

olsson
Missouri Certificate of Authority #001592
7301 W 133rd Street, Suite 200
Overland Park, Kansas 66213
TEL 913.318.1170
www.olsson.com

LOCATION:
LEE'S SUMMIT, MISSOURI 2
AISLES ONLINE

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

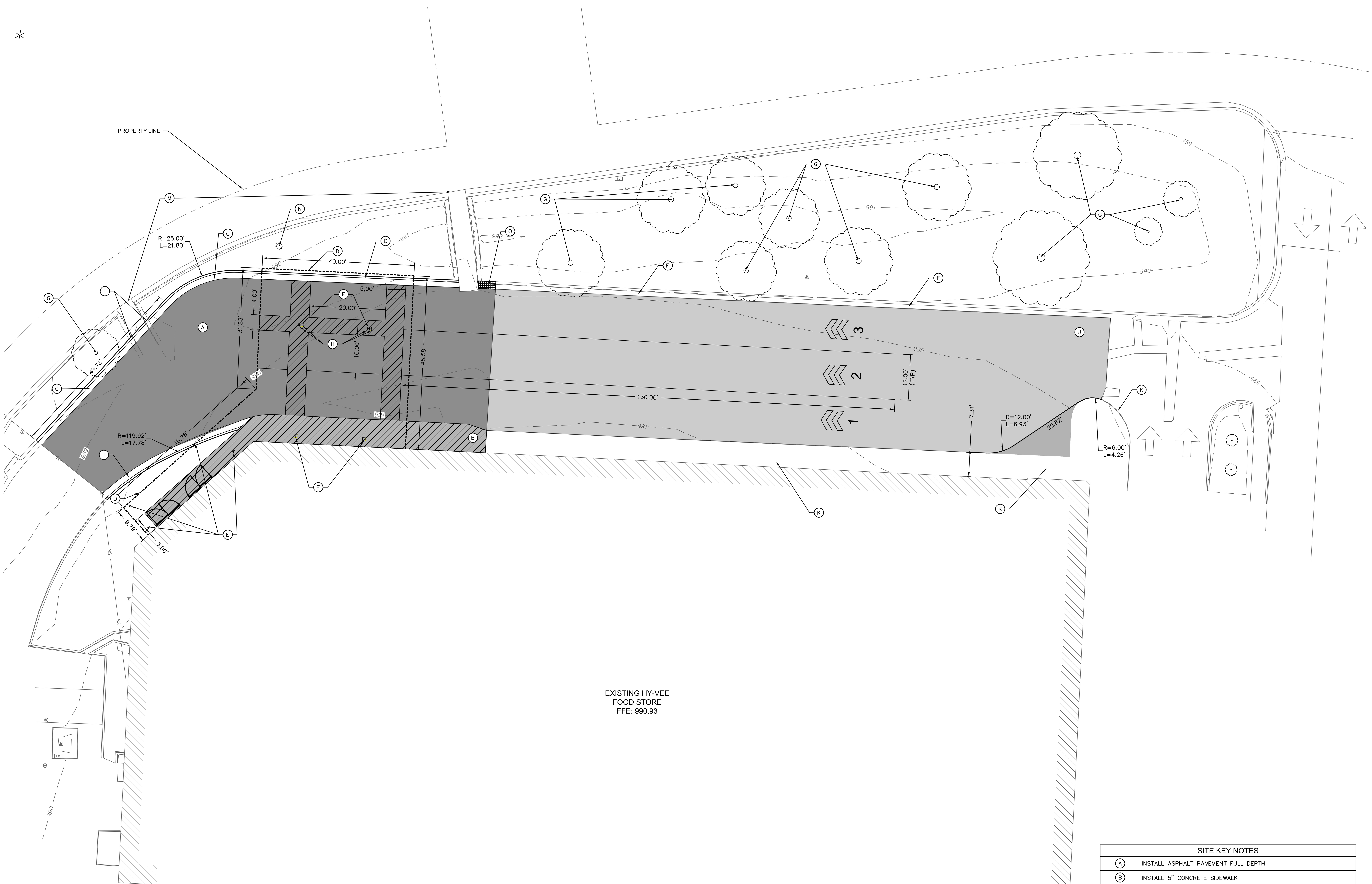
Hy-Vee® EMPLOYEE OWNED

TRUE NORTH PLAN NORTH

DEMOLITION PLAN

DRAWN:	DATE:
HMO	05/20/2021
SCALE:	JOB NUMBER:
1" = 10'	LS2020-3151

SHEET:
C1.1



N

0' 5' 10' 20'
SCALE IN FEET

LEGEND

	2" MILL & OVERLAY OF ASPHALT SURFACE (APWA TYPE 3-01 PER APWA SECTION 2205)
	6" ASPHALT PAVING
	5" CONCRETE SIDEWALK

SITE KEY NOTES

A	INSTALL ASPHALT PAVEMENT FULL DEPTH
B	INSTALL 5" CONCRETE SIDEWALK
C	INSTALL 6" WET CURB AND GUTTER
D	OVERHEAD CANOPY. REFERENCE ARCHITECTURAL PLANS.
E	OVERHEAD CANOPY COLUMN. REFERENCE ARCHITECTURAL PLANS.
F	EXISTING CURB AND GUTTER TO REMAIN
G	EXISTING LANDSCAPE TO REMAIN
H	U-SHAPED BOLLARD. REFERENCE PROJECT SPECIFICATIONS.
I	INSTALL 6" DRY CURB AND GUTTER
J	2" MILL & OVERLAY OF ASPHALT SURFACE
K	EXISTING SIDEWALK TO REMAIN
L	ADJUST EXISTING MODULAR BLOCK WALL AS NECESSARY TO ALLOW FOR CONSTRUCTION OF NEW CURB AND PAVING
M	CONTRACTOR TO POST SIGN "SIDEWALK TEMPORARILY CLOSED" PER MUTCD STANDARDS. SHOULD BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITIES AND REMOVED AFTER PROJECT ACCEPTANCE
N	RELOCATED LIGHT POLE AND FIXTURE. PROVIDE CONCRETE BASE PER MANUFACTURER'S REQUIREMENTS AS EXISTING FIXTURES/BASES
O	CURB AND GUTTER TRANSITIONS FROM DRY TO WET CURB

REVISION | DATE BY

MITCHELL ALAN PLEAK NUMBER PE-2009016764

olsson
Missouri Certificate of Authority #001592
7301 W 133rd Street, Suite 200
Overland Park, Kansas 66213
TEL 913.318.1170
www.olsson.com

LOCATION:
LEE'S SUMMIT, MISSOURI 2
AISLES ONLINE

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935
HyVee EMPLOYEE OWNED

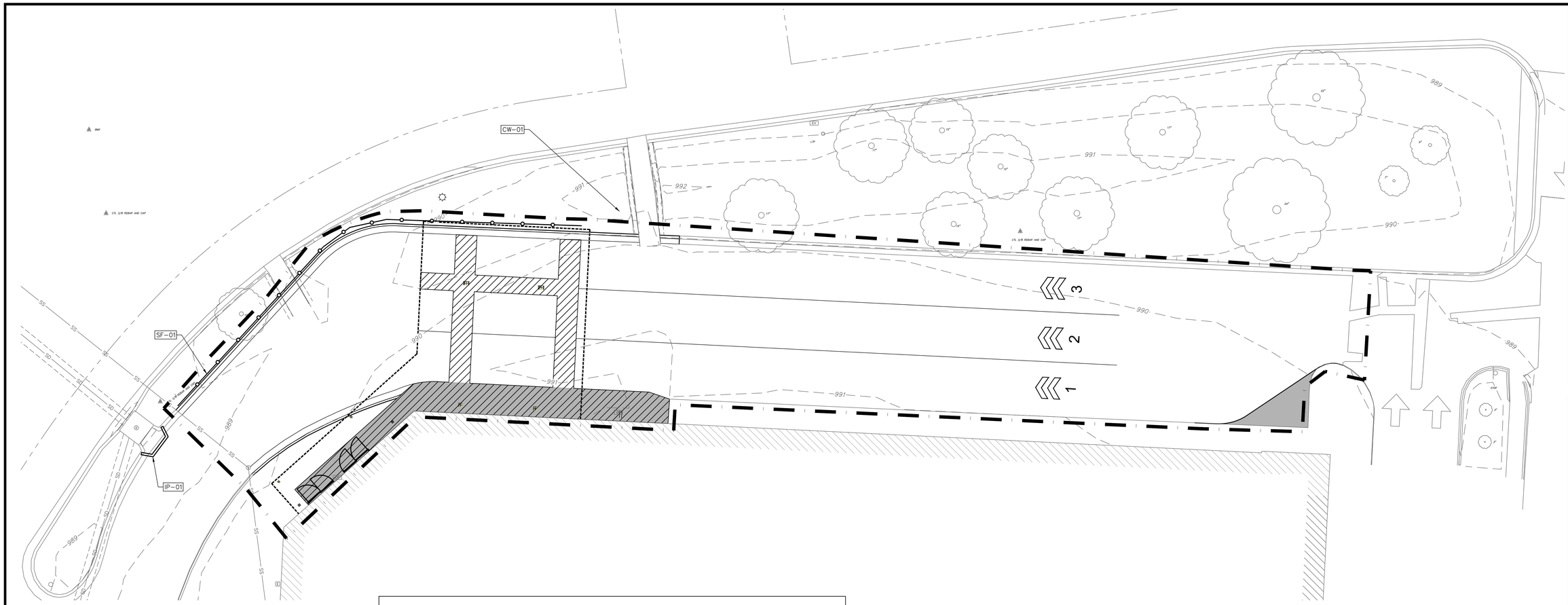
TRUE NORTH | PLAN NORTH

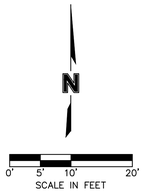
SITE PLAN

DRAWN: HMO	DATE: 05/20/2021
SCALE: 1" = 10'	JOB NUMBER: LS2020-3151

SHEET: C2.0

DWG: F:\2020\3001-3500\020-3151\40-Design\AutoCAD\Preliminary Plans\Sheets\GNCV\140 Lee's Summit 2 HyVee\C_ST01_LS20203151.dwg USER: hokeefe
DATE: May 20, 2021 2:13pm XREFS: C_PTBLK_LS20203151 C_PBASE_LS20203151 C_XTOPO_LS20203151



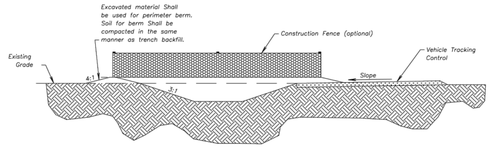


Notes for Concrete Washout:

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-place 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

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	

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.

EROSION CONTROL IMPROVEMENT LEGEND

SF	SILT FENCE MUST BE INSTALLED IN NO GREATER THAN 100' RUNS, THE ENDS OF EACH RUN MUST TURN UPHILL ('J' HOOKS) FOR AN APPROPRIATE DISTANCE TO KEEP WATER FROM FLOWING TO THE NEXT SECTION OF SILT FENCE. (TYPICAL), PER DETAIL SHEET
IP	INSTALL INLET PROTECTION AT INLET LOCATION, PER DETAIL SHEET
CW	INSTALL CONCRETE WASHOUT, PER DETAIL SHEET

LEGEND

- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- LIMITS OF DISTURBANCE
- SILT FENCE
- DIRECTION OF FLOW

SITE INFORMATION

TOTAL DISTURBED AREA 0.29 Ac.

ENGINEER

OLSSON
7301 W 133rd STREET,
SUITE 200
OVERLAND PARK, KS 66213
(913) 318-1170

BMP IMPLEMENTATION SCHEDULE

SPECIFIED BMP	INSTALLATION	REQUIRED MAINTENANCE	REMOVAL
SILT FENCE	IMMEDIATELY FOLLOWING CLEARING AND GRUBBING AROUND PERIMETER	REPAIR WASH-OUTS, DOWNED FABRIC, AND REMOVE SEDIMENT WHEN DEPTH IS ½ THE HEIGHT OF THE FABRIC.	95% VEGETATIVE COVER ON UPSTREAM AREAS.
TEMPORARY SEEDING	IMMEDIATELY FOLLOWING MAJOR GRADING AND INSTALLATION OF EROSION CONTROL PRACTICES	RE-SEED AREAS WHICH FAIL TO ESTABLISH VEGETATIVE COVER; CONTROL WEEDS; ENSURE GOOD STAND IS MAINTAINED	
CONCRETE WASHOUT	UPON MOBILIZATION OF UTILITY CONTRACTOR	REMOVE CONCRETE RUBBLE AS REQUIRED TO MAINTAIN FUNCTIONALITY	COMPLETION OF STREET PAVING.
STORM DRAIN INLET PROTECTION	IMMEDIATELY FOLLOWING INSTALLATION OF STORM SEWER	REMOVE SEDIMENT WHEN DEPTH IS ½ THE HEIGHT OF THE FABRIC.	COMPLETION OF STREET PAVING.
PERMANENT SEEDING	IMMEDIATELY FOLLOWING FINISHED GRADING AND INSTALLATION OF EROSION CONTROL PRACTICES	RE-SEED AREAS WHICH FAIL TO ESTABLISH VEGETATIVE COVER; CONTROL WEEDS; ENSURE GOOD STAND IS MAINTAINED	N/A
HYDROSEEDING/ HYDROMULCHING	IMMEDIATELY FOLLOWING FINISHED GRADING	INSPECT FOR EROSION, ADD MULCH AND/OR SEED AS NECESSARY	N/A
MULCHING		INSPECT FOR EROSION, ADD MULCH AS NECESSARY UNTIL GRASSES ARE FIRMLY ESTABLISHED	N/A

REVISION	DATE BY

STATE OF MISSOURI
MITCHELL ALAN PLEAK
NUMBER PE-2009016764
OCT. 30, 21
PROFESSIONAL ENGINEER

olsson
Missouri Certificate of Authority #001592
7301 W 133rd Street, Suite 200
Overland Park, Kansas 66213
TEL 913.318.1170
www.olsson.com

LOCATION:
LEE'S SUMMIT, MISSOURI 2
AISLES ONLINE

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935
Hy-Vee®
EMPLOYEE OWNED

TRUE NORTH PLAN NORTH

EROSION CONTROL PLAN

DRAWN:	DATE:
HMO	05/20/2021
SCALE:	JOB NUMBER:
1" = 10'-0"	LS2020-3151

SHEET:
C3.0

DWG: F:\2020\3001-3500\020-3151\40-Design\AutoCAD\Preliminary Plans\Sheets\GNCV\140 Lee's Summit 2 HyVee\C_ERC01_LS20203151.dwg USER: hokeefe
DATE: May 20, 2021 2:14pm XREFS: C_FBASE_LS20203151 C_TPEM_LS20203151 C_XTOPO_LS20203151

EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. CONTRACTOR IS REQUIRED TO IMPLEMENT AND MAINTAIN CONSTRUCTION STORMWATER BEST MANAGEMENT PRACTICES (BMPs) DURING ALL CONSTRUCTION ACTIVITY TO CONTROL POLLUTANTS AND SEDIMENT IN STORMWATER DISCHARGES FROM THE PROJECT SITE.
2. THE PROJECT IS A DYNAMIC SITE WITH CHANGES TO THE CONDITIONS AND DRAINAGE PATTERNS DURING CONSTRUCTION ACTIVITY. CHANGES TO THE DRAINAGE PATTERNS OF THE PROJECT WILL REQUIRE ADDITIONAL BMPs TO BE INSTALLED BY THE CONTRACTOR TO MAINTAIN CONTROL OF POLLUTANTS AND SEDIMENT FROM STORMWATER DISCHARGE FROM THE SITE.
3. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF THE EROSION AND SEDIMENT CONTROL BMPs IN AN EFFECTIVE WORKING CONDITION. IF SITE INSPECTIONS INDICATE BMPs ARE NOT OPERATING EFFECTIVELY, MAINTENANCE, REPAIR OR ADDITIONAL BMPs MUST BE PERFORMED WITHIN SEVEN (7) DAYS AND PRIOR TO THE NEXT STORM EVENT.
4. THE CONTRACTOR SHALL HAVE CURRENT COPIES OF THE EROSION AND SEDIMENT CONTROL PLAN ON THE PROJECT SITE AT ALL TIMES.
5. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED.

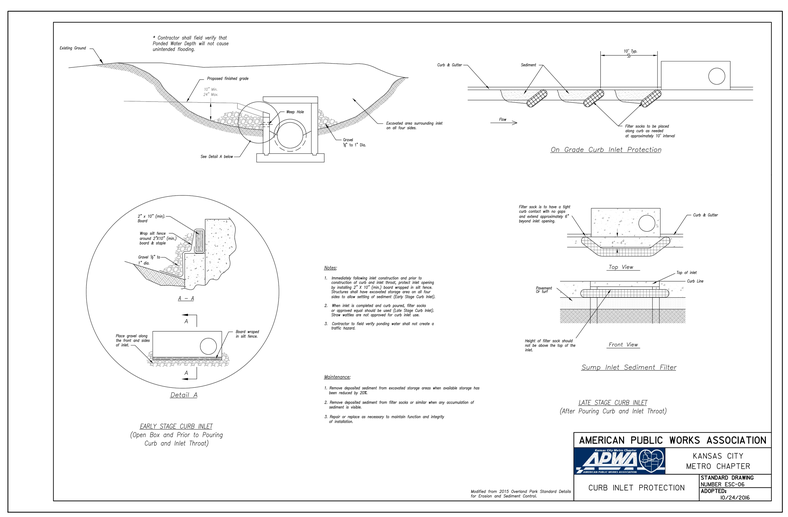
EROSION AND SEDIMENT CONTROL CONSTRUCTION NOTES

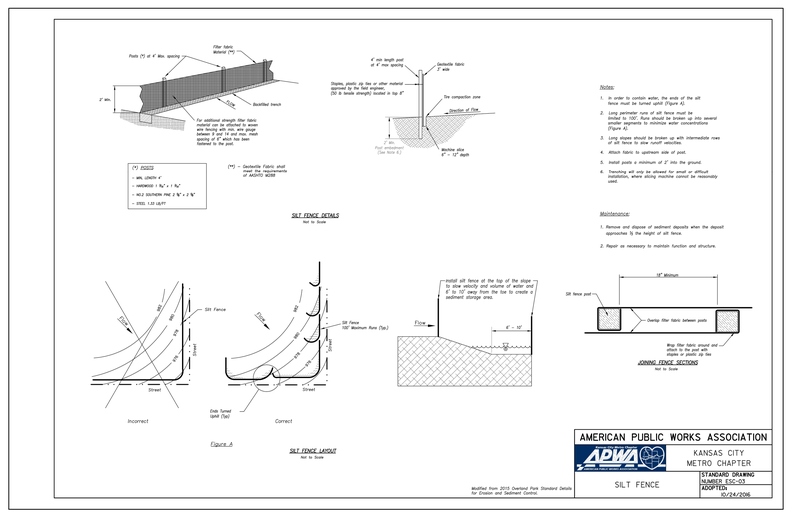
1. CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION, MAINTENANCE AND REMOVAL OF EROSION CONTROL BMPs FOR THE DURATION OF CONSTRUCTION ACTIVITIES UNTIL FINAL STABILIZATION ON THE PROJECT SITE HAS BEEN ACHIEVED.
2. THE STRIPPING STOCKPILE SHALL BE LOCATED ON SITE BY THE GRADING CONTRACTOR AT TIME OF GRADING. THE STOCKPILE SHALL RECEIVE SILT FENCE PERIMETER CONTROL.
3. FOLLOWING SOIL DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN FOURTEEN (14) CALENDAR DAYS TO THE SURFACE OF ALL PERIMETER CONTROLS, TOPSOIL STOCKPILES, AND ANY OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE WHICH ARE NOT BEING USED FOR MATERIAL STORAGE, OR ON WHICH ACTUAL EARTH MOVING ACTIVITIES ARE NOT BEING PERFORMED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE SEDIMENT CONTROL STRUCTURES UNTIL FINAL SITE STABILIZATION IS ACHIEVED. REFER TO BMPs MAINTENANCE SCHEDULE. UPON FINAL STABILIZATION OF CONTRIBUTING AREAS, BMPs SHALL BE REMOVED BY THE CONTRACTOR. DISTURBANCES WHICH OCCUR DURING REMOVALS OF BMPs SHALL BE REPAIRED BY CONTRACTOR.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RUNOFF OR EROSION WHICH DISCHARGES FROM THE PROJECT SITE. ANY DAMAGE FROM EROSION AND RUNOFF FROM THE SITE SHALL BE REPAIRED/CLEANED UP BY THE CONTRACTOR WITHOUT ADDITIONAL COST TO THE OWNER.
6. CONTRACTOR MUST CLEAN UP ANY SEDIMENT DISCHARGE OR VEHICLE TRACK OUT WHICH ENTERS PUBLIC STREETS OR PRIVATE ROADWAYS AT THE END OF EACH WORKING DAY AND PRIOR TO ANY RAINFALL EVENTS. REPAIR OR INSTALL ADDITIONAL EROSION CONTROL BMPs AS NECESSARY TO PREVENT FUTURE OCCURRENCES.
7. CONTRACTOR MUST INITIATE STABILIZATION MEASURES AS SOON AS PRACTICABLE IN PORTIONS OF THE PROJECT SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT SHALL NOT EXCEED 14 DAYS AFTER THE CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED IN THOSE AREAS. STABILIZATION MEASURES SHALL INCLUDE TEMPORARY OR PERMANENT SEEDING/PLANTINGS AND/OR IMPERVIOUS HARD COVERS (PAVEMENT, ETC.). STORM WATER PIPE OUTLET DISCHARGE CONTROL SHALL BE INCLUDED IN FINAL STABILIZATION MEASURES.

BEST MANAGEMENT PRACTICES (BMP) MAINTENANCE SCHEDULE

THE FOLLOWING MAINTENANCE SCHEDULE HAS BEEN PROVIDED. THE OPERATOR/CONTRACTOR MUST PERFORM ALL NEEDED MAINTENANCE. FURTHERMORE, ALL EROSION CONTROL FEATURE REQUIRING MAINTENANCE MAY NOT BE LISTED BELOW. THE OPERATOR/CONTRACTOR AND INSPECTOR MUST PERFORM THEIR RESPECTIVE DUTIES ON ALL BMP'S THAT ARE NOT LISTED BELOW AS WELL.

1. PERMANENT SEEDING – THE MAINTENANCE MEASURES ARE AS FOLLOWS: (8.1) IN GENERAL, A STAND OF VEGETATION CANNOT BE DETERMINED TO BE FULLY ESTABLISHED UNTIL IT HAS BEEN MAINTAINED FOR ONE FULL YEAR AFTER PLANNING; (8.2) NEW SEEDLINGS SHALL BE SUPPLIED WITH ADEQUATE MOISTURE, SUPPLY WATER AS NEEDED, ESPECIALLY LATE IN THE SEASON, IN ABNORMALLY HOT OR DRY CONDITIONS, OR ON ADVERSE SITES, WATER APPLICATIONS SHALL BE CONTROLLED TO PREVENT EXCESSIVE RUNOFF; (8.3) INSPECT ALL SEEDED AREAS FOR FAILURES AND MAKE NECESSARY REPAIRS, REPLACEMENTS, AND RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE; [8.3A] IF STAND IS INADEQUATE FOR EROSION CONTROL, OVER SEED AND FERTILIZE USING HALF OF THE RATES ORIGINALLY SPECIFIED; [8.3B] IF STAND IS 60% DAMAGED, RE-ESTABLISH FOLLOWING SEEDBED AND SEEDING RECOMMENDATIONS; [8.3C] IF STAND HAS LESS THAN 40% COVER, RE-EVALUATE CHOICE OF PLANT MATERIALS AND QUANTITIES OF LIME AND FERTILIZER, THE SOIL MUST BE TESTED TO DETERMINE IF ACIDITY OR NUTRIENT IMBALANCES ARE RESPONSIBLE, RE-ESTABLISH THE STAND FOLLOWING SEEDBED AND SEEDING RECOMMENDATIONS.
2. MULCHING – ALL MULCHES AND SOIL COVERINGS SHOULD BE INSPECTED PERIODICALLY (PARTICULARLY AFTER RAINSTORMS) TO CHECK FOR EROSION. WHERE EROSION IS OBSERVED IN MULCHED AREAS, ADDITIONAL MULCH SHOULD BE APPLIED. NETS AND MATS SHOULD BE INSPECTED AFTER RAINSTORMS FOR DISLOCATION OR FAILURE. IF WASHOUTS OR BREAKAGE OCCUR, REINSTALL NETTING OR MATTING AS NECESSARY AFTER REPAIRING DAMAGE TO THE SLOPE OR DITCH. INSPECTIONS SHOULD TAKE PLACE UNTIL GRASSES ARE FIRMLY ESTABLISHED. WHERE MULCH IS USED IN CONJUNCTION WITH ORNAMENTAL PLANTINGS, INSPECT PERIODICALLY THROUGHOUT THE YEAR TO DETERMINE IF MULCH IS MAINTAINING COVERAGE OF THE SOIL SURFACE; REPAIR AS NEEDED.





REVISION | DATE BY

STATE OF MISSOURI
MITCHELL ALAN OLSEN
NUMBER PE-2009016764
OCT. 30th, 21
PROFESSIONAL ENGINEER

olsson
Missouri Certificate of Authority #001592
7301 W 133rd Street, Suite 200
Overland Park, Kansas 66213
TEL 913.318.1170
www.olsson.com

LOCATION:
LEE'S SUMMIT, MISSOURI 2
AISLES ONLINE,
HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935
Hy-Vee®
EMPLOYEE OWNED

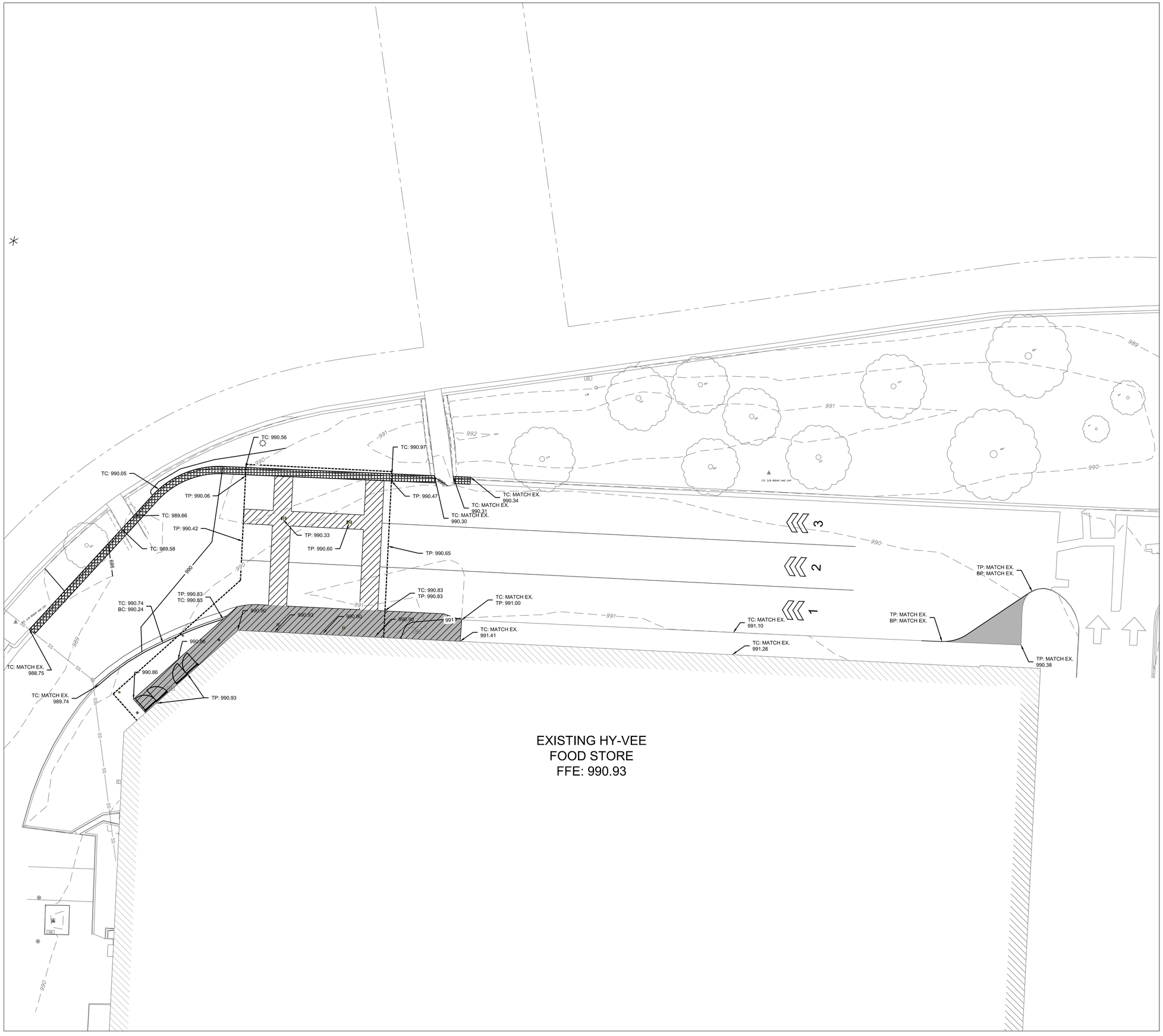
TRUE NORTH PLAN NORTH

EROSION CONTROL NOTES

DRAWN:	DATE:
HMO	05/20/2021
SCALE:	JOB NUMBER:
	LS2020-3151

SHEET: C3.1

DWG: F:\2020\3001-3500\020-3151\40-Design\AutoCAD\Preliminary Plans\Sheets\GNCV\140 Lee's Summit 2 HyVee\C_ERC01_LS2020315l.dwg USER: hokeefe
DATE: May 20, 2021 2:14pm XREFS: C_PBASE_LS2020315l C_PTBLK_LS2020315l C_XTOPO_LS2020315l



LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- RIDGE LINE
- WET CURB AND GUTTER
- DRY CURB AND GUTTER

REVISION	DATE BY

STATE OF MISSOURI
MITCHELL ALAN O'LEARY
NUMBER
PE-2009016764
PROFESSIONAL ENGINEER

olsson
Missouri Certificate of Authority #001592
7301 W 133rd Street, Suite 200
Overland Park, Kansas 66213
TEL 913.318.1170
www.olsson.com

LOCATION:
LEE'S SUMMIT, MISSOURI 2
AISLES ONLINE

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2835

Hy-Vee® EMPLOYEE OWNED

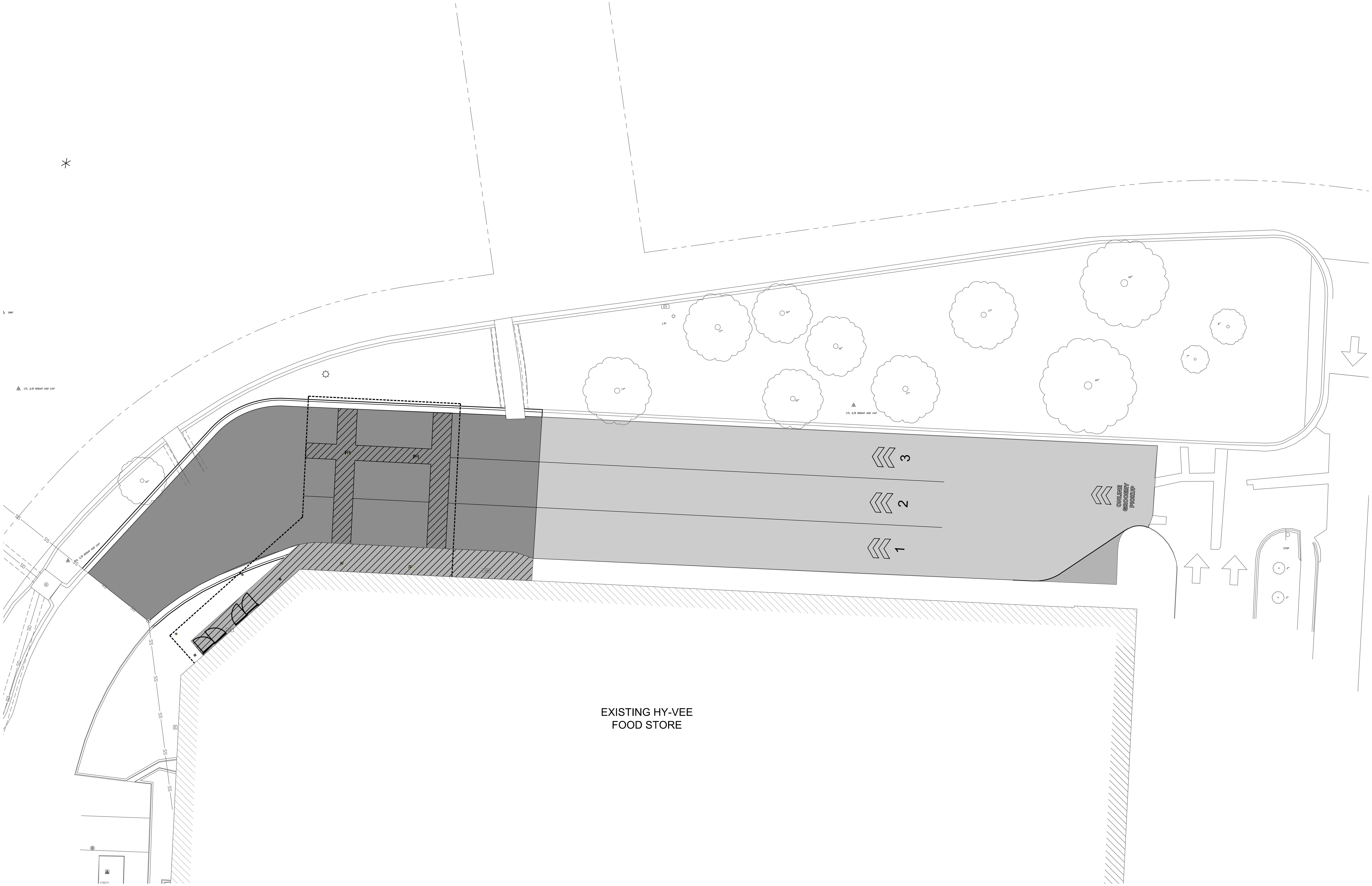
TRUE NORTH PLAN NORTH

GRADING PLAN

DRAWN:	DATE:
HMO	05/20/2021
SCALE:	JOB NUMBER:
1" = 10"	LS2020-3151

SHEET:
C4.0

DWG: F:\2020\3001-3500\020-3151\40-Design\AutoCAD\Preliminary Plans\Sheets\GNCVY\40_Lee's Summit_2 HyVee\C_GRD01_LS2020315I.dwg
DATE: May 20, 2021 - 2:14pm
XREFS: C_PBASE_LS2020315I C_PBLK_LS2020315I C_XTOPO_LS2020315I
USER: hokeefe

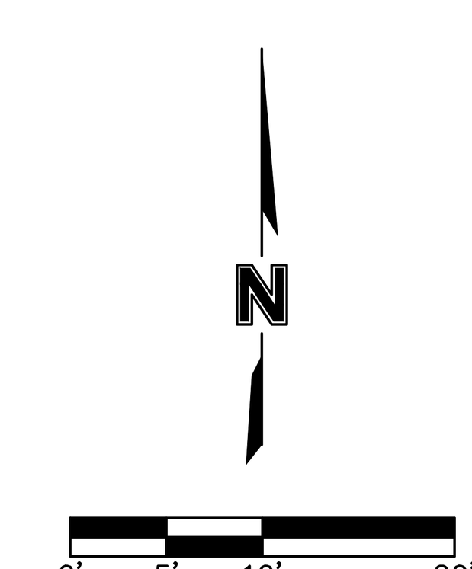


LEGEND

-22XX.X-	EXISTING MAJOR CONTOUR
-22XX.X-	EXISTING MINOR CONTOUR
-22XX.X-	PROPOSED MAJOR CONTOUR
-22XX.X-	PROPOSED MINOR CONTOUR
	RIDGE LINE
	2" MILL & OVERLAY OF ASPHALT SURFACE. APWA TYPE 3-01 PER APWA SECTION 2205
	6" ASPHALT PAVING
	5" CONCRETE SIDEWALK

GENERAL NOTES

ALL CONCRETE PAVEMENT ABUTTING THE BUILDING SHALL BE A MINIMUM 2" BELOW FINISH FLOOR ELEVATION (F.F.E.) UNLESS OTHERWISE NOTED ON PLANS



DWG: F:\2020\3001-3500\020-3151\40-Design\AutoCAD\Preliminary Plans\Sheets\GNCV\140 Lee's Summit 2 HyVee\C_PAV01_LS20203151.dwg USER: hokeefe
DATE: May 20, 2021 2:14pm XREFS: C_PTBLK_LS20203151 C_PBASE_LS20203151 C_XTOPO_LS20203151

REVISION	DATE BY
1 ASI #1	3.5.21

STATE OF MISSOURI — MITCHELL ALAN PLEAK — NUMBER PE-2009018764 — PROFESSIONAL ENGINEER — 05-20-21

olsson

Missouri Certificate of Authority #001592
7301 W 133rd Street, Suite 200
Overland Park, Kansas 66213
TEL 913.318.1170
www.olsson.com

LOCATION:
LEE'S SUMMIT, MISSOURI 2
AISLES ONLINE

HyVee® EMPLOYEE OWNED

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

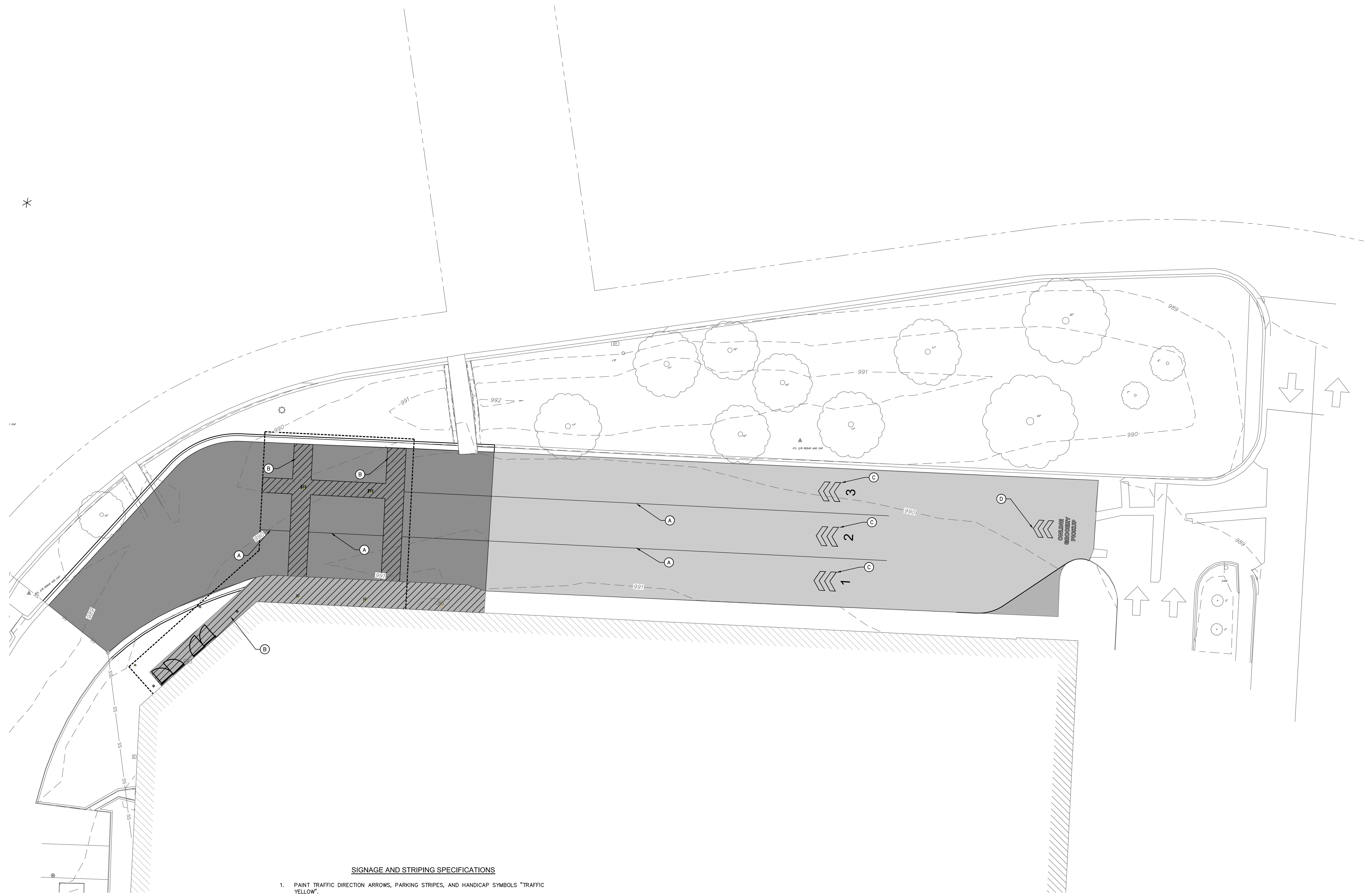
TRUE NORTH PLAN NORTH

PAVING PLAN

DRAWN:	DATE:
HMO	05/20/2021
SCALE:	JOB NUMBER:
1" = 10'-0"	LS2020-3151

SHEET:

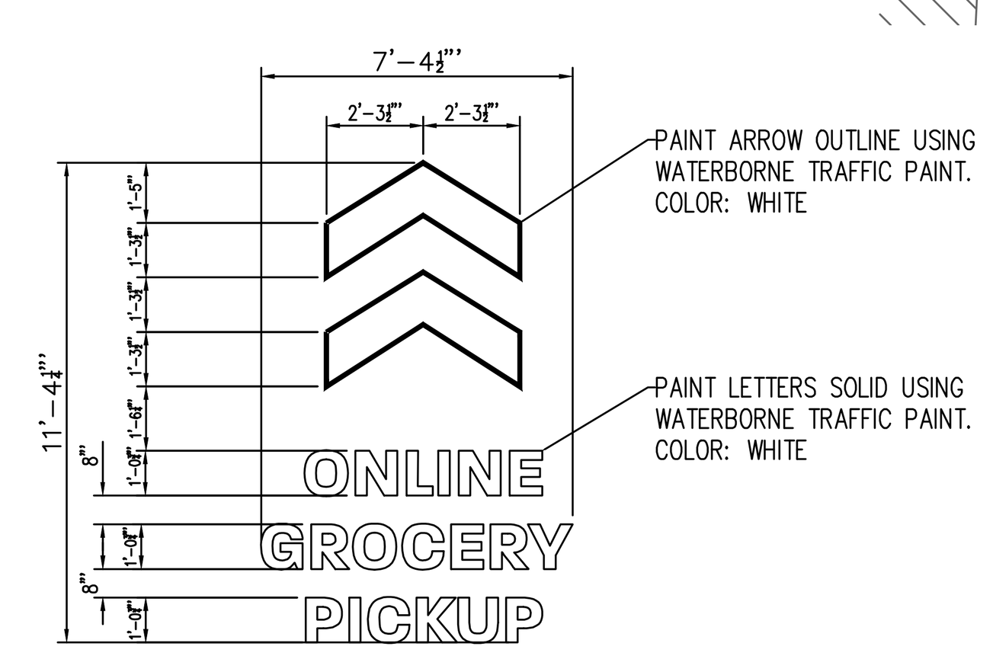
C5.0



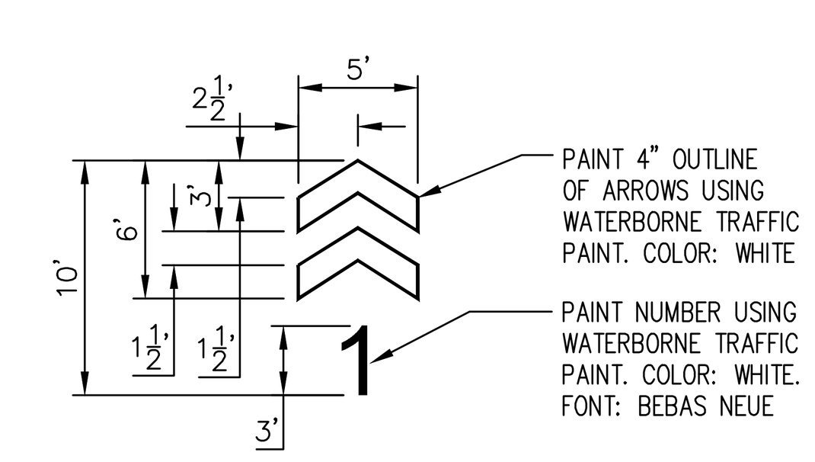
SIGNAGE AND STRIPING SPECIFICATIONS

1. PAINT TRAFFIC DIRECTION ARROWS, PARKING STRIPES, AND HANDICAP SYMBOLS "TRAFFIC YELLOW".
2. PAINT SHALL BE LEAD FREE WATERBORNE TRAFFIC AND HIGHWAY MARKING PAINT UC-3586 YELLOW AS MANUFACTURED BY DIAMOND VOGEL PAINTS OR EQUIVALENT.
3. PROVIDE FOUNDRY GRADE SILICA SAND THAT MEETS A $\frac{50}{60}$ GRADED SAND WHEN TESTED ACCORDING TO ASTM C-136 OR GLASS BEADS THAT MEET FEDERAL SPECIFICATION TT-B-1325, TYPE I, GRADATION A.
4. BEFORE APPLICATION OF PAINT, PAINTING SURFACE MUST BE DRY AND FREE FROM DIRT, GREASE, OIL, OR OTHER MATERIAL THAT WOULD REDUCE THE BOND BETWEEN THE PAVEMENT AND PAINT. CLEAN THE AREA TO BE PAINTED BY SWEEPING OR COMPRESSED AIR.
5. APPLY PAINT AT LOCATIONS, DIMENSIONS, AND SPACING SHOWN ON PLANS.
6. MIX PAINT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND APPLY AT THE RATE OF 115 SF/GALLON. THE ADDITION OF THINNER WILL NOT BE PERMITTED.
7. APPLY SILICA SAND AT 4LBS/GALLON OF PAINT IMMEDIATLEY AFTER THE APPLICATION OF PAINT. SILICA SAND SHALL ADHERE TO THE CURED PAINT PRIOR TO FINAL ACCEPTANCE AND PAYMENT.
8. TREAT GLASS BEADS WITH ADHESION PROMOTING COATINGS AS SPECIFIED BY THE PAINT MANUFACTURER. APPLY GLASS BEADS A 7LBS/GALLON OF PAINT IMMEDIATELY AFTER THE APPLICATION OF PAINT. GLASS BEADS SHALL ADHERE TO THE CURED PAINT PRIOR TO FINAL ACCEPTANCE OF PAYMENT.
9. PROTECT ALL MARKINGS FROM DAMAGE UNTIL PAINT IS DRY.

PAVEMENT MARKING KEY NOTES	
(A)	INSTALL 4-INCH YELLOW PAVEMENT STRIPING. PAINT SHALL MEET OR EXCEED CITY OF LEE'S SUMMIT STANDARD SPECIFICATIONS (TYP.)
(B)	INSTALL 4-INCH YELLOW PAVEMENT STRIPING AT 45°, 2-FEET O.C. PAINT SHALL MEET OR EXCEED CITY OF LEE'S SUMMIT STANDARD SPECIFICATIONS. (TYP.)
(C)	INSTALL LANE MARKINGS, REFERENCE DETAIL THIS SHEET.
(D)	INSTALL WAYFINDING MARKINGS, REFERENCE DETAIL THIS SHEET.



WAYFINDING MARKINGS, TYP.
NOT TO SCALE



LANE MARKINGS, TYP.
NOT TO SCALE

SCALE IN FEET

REVISION | DATE BY

olsson
Missouri Certificate of Authority #001592
7301 W 133rd Street, Suite 200
Overland Park, Kansas 66213
TEL 913.318.1170
www.olsson.com

LOCATION:
LEE'S SUMMIT, MISSOURI 2
AISLES ONLINE

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935
EMPLOYEE OWNED

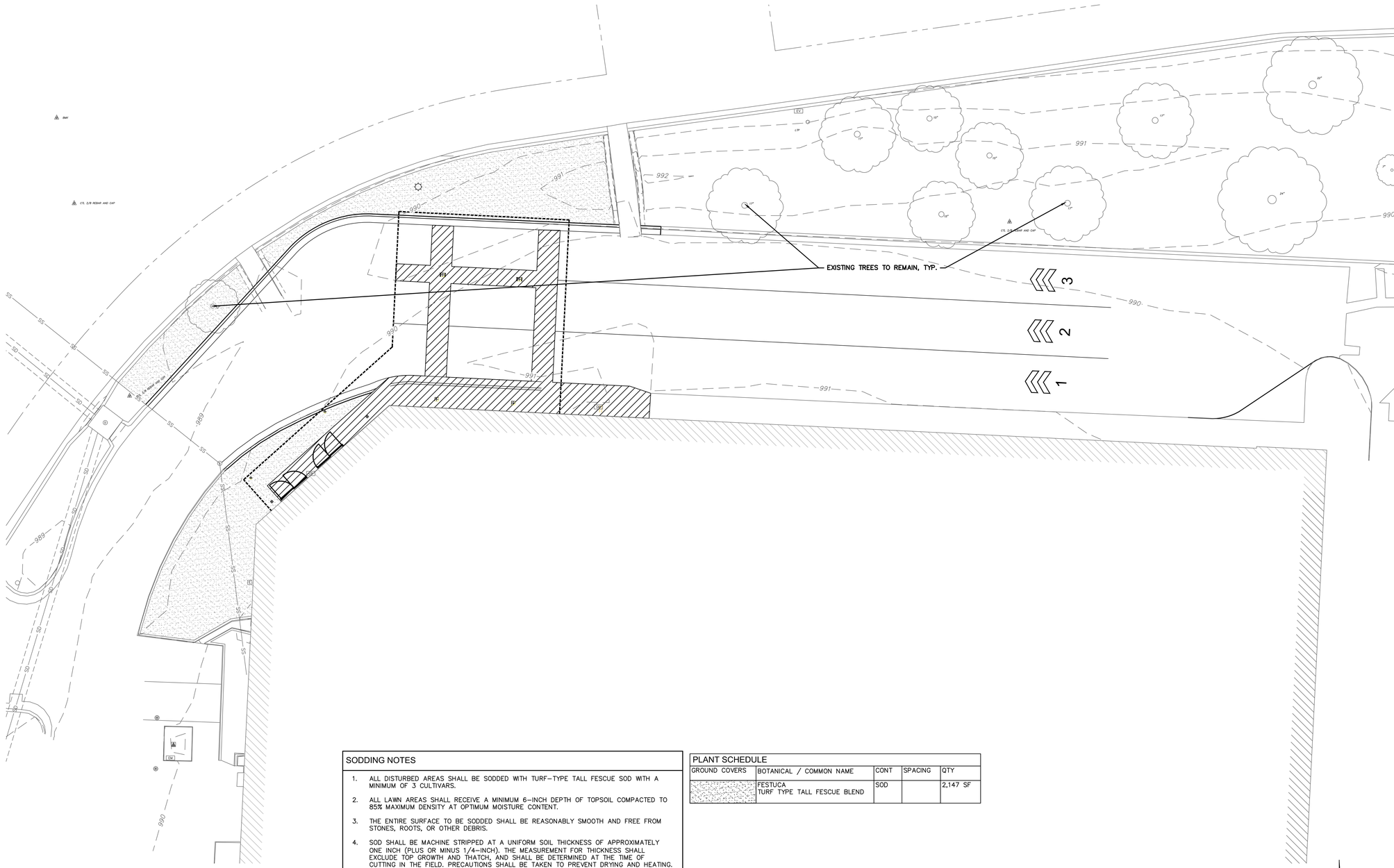
TRUE NORTH PLAN NORTH

PAVEMENT MARKING PLAN

DRAWN:	DATE:
HMO	05/20/2021
SCALE: 1" = 10'	JOB NUMBER: LS2020-3151

SHEET: C5.1

DWG: F:\2020\3001-3500\020-3151\40-Design\AutoCAD\Preliminary Plans\Sheets\GNCV\140 Lee's Summit 2 HyVee\C_PAV01_LS20203151.dwg USER: hokeefe
DATE: May 20, 2021 2:14pm XREFS: C_PTBLK_LS20203151 C_PBASE_LS20203151 C_XTOPO_LS20203151



SODDING NOTES

1. ALL DISTURBED AREAS SHALL BE SODDED WITH TURF-TYPE TALL FESCUE SOD WITH A MINIMUM OF 3 CULTIVARS.
2. ALL LAWN AREAS SHALL RECEIVE A MINIMUM 6-INCH DEPTH OF TOPSOIL COMPACTED TO 85% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT.
3. THE ENTIRE SURFACE TO BE SODDED SHALL BE REASONABLY SMOOTH AND FREE FROM STONES, ROOTS, OR OTHER DEBRIS.
4. SOD SHALL BE MACHINE STRIPPED AT A UNIFORM SOIL THICKNESS OF APPROXIMATELY ONE INCH (PLUS OR MINUS 1/4-INCH). THE MEASUREMENT FOR THICKNESS SHALL EXCLUDE TOP GROWTH AND THATCH, AND SHALL BE DETERMINED AT THE TIME OF CUTTING IN THE FIELD. PRECAUTIONS SHALL BE TAKEN TO PREVENT DRYING AND HEATING. SOD DAMAGED BY HEAT AND DRY CONDITIONS, AND SOD CUT MORE THAN 18 HOURS BEFORE BEING INCORPORATED INTO THE WORK SHALL NOT BE USED.
5. HANDLING OF SOD SHALL BE DONE IN A MANNER THAT WILL PREVENT TEARING, BREAKING, DRYING AND OTHER DAMAGE. PROTECT EXPOSED ROOTS FROM DEHYDRATION. DO NOT DELIVER MORE SOD THAN CAN BE LAID WITHIN 24 HOURS.
6. MOISTEN PREPARED SURFACE IMMEDIATELY PRIOR TO LAYING SOD. WATER THOROUGHLY AND ALLOW SURFACE TO DRY BEFORE INSTALLING SOD. FERTILIZE, HARROW OR RAKE FERTILIZER IN THE TOP 1-1/2-INCHES OF TOPSOIL, AT A UNIFORM RATE OF ONE POUND OF NITROGEN PER 1000 S.F.
7. BLUEGRASS AND FESCUE SOD MAU NE PLANTED DURING THE PERIODS OF MARCH 1 TO MAY 15 AND SEPTEMBER 1 TO NOVEMBER 15. SOD MAY BE PLANTED DURING THE PERIOD, NOVEMBER 15 TO MARCH 1, WHEN THE SOIL AND SOD IS WORKABLE AND WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT. IF SOD IS PLANTED BETWEEN NOVEMEBER 15 AND MARCH 1, THE CONTRACTOR WILL MAINTAIN THE SOD UNTIL 20 DAYS AFTER THE BEGINNING OF THE SPRING SOD SEASON.
8. SOD SHALL BE CAREFULLY PLACED IN THE DIRECTION PARALLEL WITH THE SLOPE OF THE AREA TO BE SODDED. SOD STRIPS SHALL BE BUTTED TOGETHER BUT NOT OVERLAPPED WITH THE SEAMS STAGGERED ON EACH ROW.
9. WHERE THE WIDTH OF THE DISTURBED AREA TO BE SODDED EXCEEDS 18 INCHES, THE AREA SHALL BE WIDENED TO A UNIFORM SIZE BY REMOVING ENOUGH EXISTING TURF FROM BEHIND THE DISTURBED AREA, CREATING AN AREA WHOSE WIDTH IS A MULTIPLE OF 18"(WIDTH OF SOD ROLL) AND CREATE A CLEAN EDGE.
10. FERTILIZER SHALL BE 20-10-5 COMMERCIAL FERTILIZER OF THE GRADE, TYPE, AND FORM SPECIFIED AND SHALL COMPLY WITH THE RULES OF THE STATE OF MISSOURI DEPT. OF AGRICULTURE. FERTILIZER SHALL BE IDENTIFIED ACCORDING TO THE PERCENT N, P, K, IN THAT ORDER.
11. ALL SOD ON SLOPES GREATER THAN 5:1 AND WITHIN DETENTION AREAS SHALL BE STAKED.
12. SATURATE SOD WITH FINE WATER SPRAY WITHIN TWO HOURS OF PLANTING. DURING FIRST WEEK AFTER PLANTING, WATER DAILY OR MORE FREQUENTLY AS NECESSARY TO MAINTAIN MOIST SOIL TO A MINIMUM DEPTH OF FOUR INCHES BELOW SOD.
13. CONTRACTOR SHALL PROVIDE FULL MAINTENANCE FOR SODDED TURF GRASS FOR A PERIOD OF 30 DAYS AFTER THE DATE OF FINAL ACCEPTANCE. AT THE END OF THE MAINTENANCE PERIOD, A HEALTHY, WELL-ROOTED, EVEN-COLORED, VIABLE TURF MUST BE ESTABLISHED. THE TURF GRASS SHALL BE FREE OF WEEDS, OPEN JOINTS, BARE AREAS, AND SURFACE IRREGULARITIES. IMMEDIATELY PRIOR TO ENGINEER'S INSPECTION FOR ACCEPTANCE SOD SHALL BE MOWED.

PLANT SCHEDULE

GROUND COVERS	BOTANICAL / COMMON NAME	CONT	SPACING	QTY
	FESTUCA TURF TYPE TALL FESCUE BLEND	SOD		2,147 SF

N

0' 5' 10' 20'
SCALE IN FEET

TRUE NORTH PLAN NORTH

REVISION	DATE BY

STATE OF MISSOURI
BRADLEY W. SOWDER
NUMBER 2001017553
12-20-21
LANDSCAPE ARCHITECT

olsson
Missouri Certificate of Authority #001592
7301 W 133rd Street, Suite 200
Overland Park, Kansas 66213
TEL 913.318.1170
www.olsson.com

LOCATION:
LEE'S SUMMIT, MISSOURI 2
AISLES ONLINE

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee®
EMPLOYEE OWNED

LANDSCAPE PLAN

DRAWN:	DATE:
HMO	05/20/2021
SCALE:	JOB NUMBER:
1" = 10'	LS2020-3151

SHEET:
C6.0

DWG: F:\2020\3001-3500\020-3151\40-Design\AutoCAD\Preliminary Plans\Sheets\ONCV\140 Lee's Summit 2 HyVee\0_LSC01_LS20203151.dwg USER: hokeefe
DATE: May 20, 2021 2:14pm XREFS: C_PBASE_LS20203151 C_PTBLK_LS20203151 C_XTOPO_LS20203151

REVISION		DATE BY
1	ASI #2	01/08/21
2	ASI #3	01/26/21
3	ASI #5	03/19/21
4	ASI #7	04/16/21
5	ASI #8	05/19/21

JBA JOHNSTON BURKHOLDER ASSOCIATES
consulting structural engineers
930 CENTRAL · KANSAS CITY, MO 64105
816-421-4200 · WWW.JBAENGR.COM
JBA PROJ #: 19315 - 35H

PROFESSIONAL SEAL

STATE OF MISSOURI
BART HALVERSON
NUMBER E-27439
REGISTERED PROFESSIONAL ENGINEER
05/20/21

LOCATION
LEE'S SUMMIT, MO

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2933

Hy-Vee® EMPLOYEE OWNED

NORTH

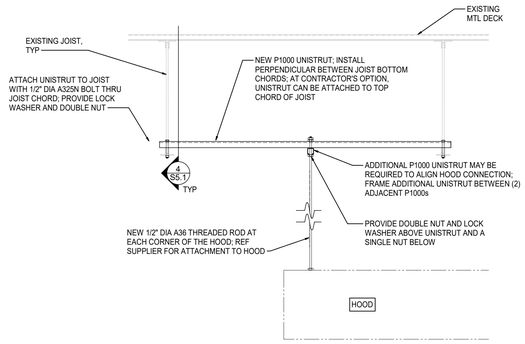
FOUNDATION PLAN

PROJECT MANAGER	CHECKED BY:
JSH	BJH
DRAWN BY:	DATE:
JBA	10/20/2020
SCALE:	JOB NUMBER:
3/32" = 1'-0"	20332

SHEET:
S1.0

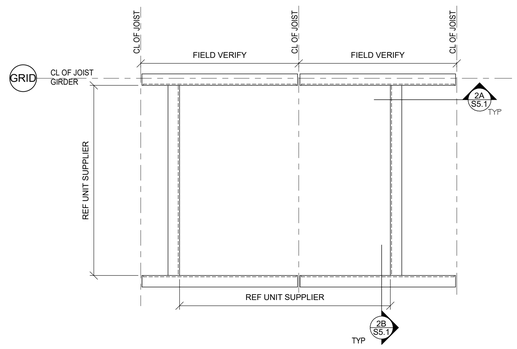
5/20/2021 2:45:23 PM

1 FOUNDATION PLAN
SCALE: 3/32" = 1'-0"

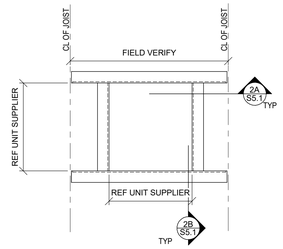


1 SUSPENDED HOOD SUPPORT

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



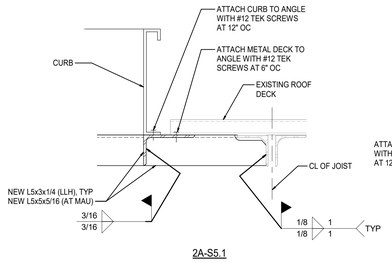
PLAN VIEW-RTU



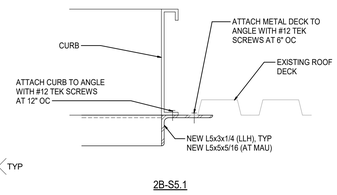
PLAN VIEW-EF

2 RTU/EXHAUST FAN SUPPORT FRAMING

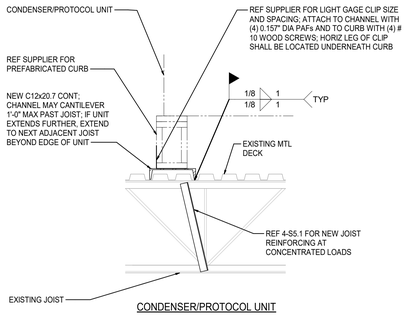
SCALE: NTS



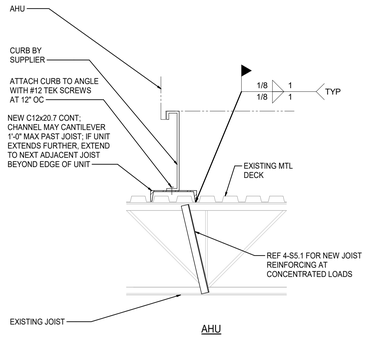
2A-S5.1



2B-S5.1



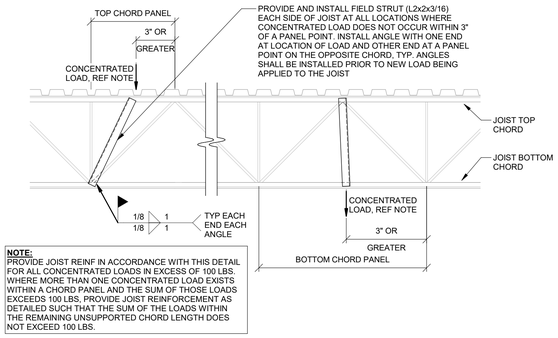
CONDENSER/PROTOCOL UNIT



AHU

3 CONDENSER/PROTOCOL UNIT/AHU SUPPORT FRAMING

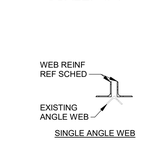
SCALE: 3/4" = 1'-0"



NOTE:
PROVIDE JOIST REINF IN ACCORDANCE WITH THIS DETAIL FOR ALL CONCENTRATED LOADS IN EXCESS OF 100 LBS. WHERE MORE THAN ONE CONCENTRATED LOAD EXISTS WITHIN A CHORD PANEL AND THE SUM OF THOSE LOADS EXCEEDS 100 LBS, PROVIDE JOIST REINFORCEMENT AS DETAILED SUCH THAT THE SUM OF THE LOADS WITHIN THE REMAINING UNSUPPORTED CHORD LENGTH DOES NOT EXCEED 100 LBS.

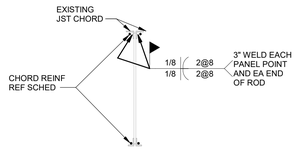
4 JOIST REINFORCING AT CONCENTRATED LOAD

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

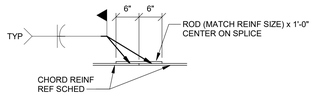


SINGLE ANGLE WEB

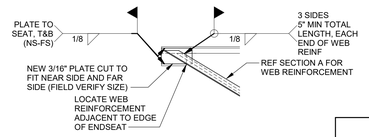
SECTION 5A - WEB REINF



SECTION 5B - CHORD REINF



SECTION 5C - CHORD REINF SPLICE



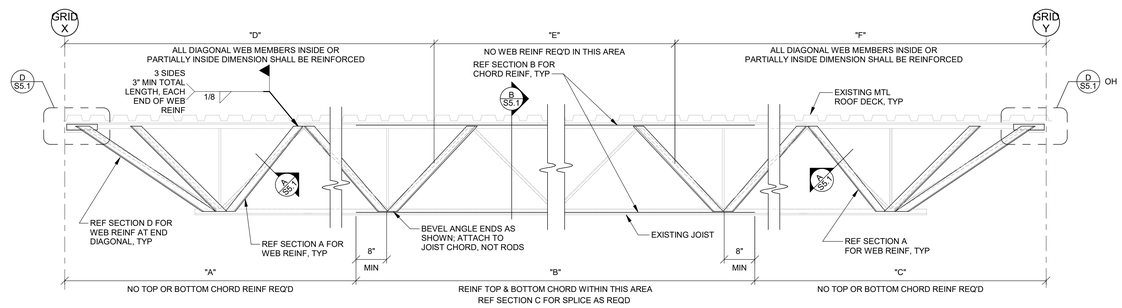
SECTION 5D - END WEB REINF

JOIST REINFORCEMENT NOTES

1. JOIST WEB CONFIGURATION IS SHOWN FOR REFERENCE ONLY, FIELD VERIFY ACTUAL CONFIGURATION AND WEB TYPE.
2. ALL PAINT AND DEBRIS SHALL BE CLEANED FROM JOIST BEFORE WELDING REINFORCEMENT.
3. STEEL ERECTOR SHALL FIELD CUT REINFORCING TO FIT FROM STOCK LENGTHS.
4. EXTEND TOP AND BOTTOM CHORD REINFORCING A MINIMUM OF 8" BEYOND PANEL POINTS.
5. INSTALL WEB REINFORCING PRIOR TO CHORD REINFORCING. COPE OUTSTANDING LEG OF WEB REINFORCING AS REQUIRED FOR PLACEMENT OF CHORD REINFORCING.
6. IF EXISTING JOIST BRIDGING INTERFERES WITH INSTALLATION OF REINFORCING, REMOVE BRIDGING AND REPLACE IMMEDIATELY UPON COMPLETION OF REINFORCING INSTALLATION. IF BRIDGING TABS FOR BOLTED BRIDGING INTERFERE WITH INSTALLATION OF REINFORCING, REMOVE TABS AND REPLACE IMMEDIATELY UPON COMPLETION OF REINFORCING INSTALLATION. NEW CONNECTIONS SHALL MATCH EXISTING.
7. JOISTS SHALL BE REINFORCED PRIOR TO INSTALLATION OF MECHANICAL UNITS OR HANGING LOADS. ROOF SNOW LOAD SHALL BE REMOVED PRIOR TO JOIST REINFORCEMENT. REF 4-S5.1 FOR ADDITIONAL REINFORCEMENT REQUIRED AT CONCENTRATED LOADS.

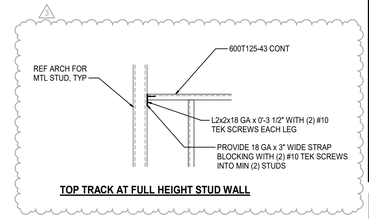
JOIST REINFORCING SCHEDULE

JOIST REINF MARK	CHORD REINF	WEB REINF	"A"	"B"	"C"	"D"	"E"	"F"	GRID X	GRID Y	NOTES
JR1	-	(2) L2x2x3/16	0' - 0"	0' - 0"	0' - 0"	10' - 0"	0' - 0"	0' - 0"	E	F	1,2,3,6,7
JR2	-	(2) L2x2x3/16	0' - 0"	0' - 0"	0' - 0"	10' - 0"	0' - 0"	0' - 0"	F	E	1,2,3,6,7
JR3		(2) L2x2x3/16	0' - 0"	0' - 0"	0' - 0"	10' - 0"	0' - 0"	0' - 0"	G	F	1,2,3,6,7
JR4		(2) L2x2x3/16	0' - 0"	0' - 0"	0' - 0"	13' - 0"	0' - 0"	0' - 0"	B.1	D	1,2,3,6,7
JR5	(2) 1/2" DIA RODS	(2) L2x2x3/16	6' - 0"	18' - 6"	6' - 0"	14' - 6"	1' - 6"	14' - 6"	H	J	1,2,3,4,5,6,7

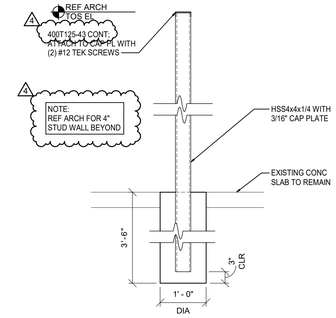


5 JOIST REINFORCEMENT

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



TOP TRACK AT FULL HEIGHT STUD WALL



6 DSW/PARTIAL HEIGHT WALL SUPPORT POST

3/4" = 1'-0"

REVISION		DATE BY
1	ASI #3	01/26/21
2	ASI #4	02/05/21
3	ASI #7	04/16/21
4	ASI #8	05/19/21

JBA JOHNSTON BURKHOLDER ASSOCIATES
consulting structural engineers
930 CENTRAL · KANSAS CITY, MO 64105
816-421-4290 · WWW.JBAENGR.COM
JBA PROJ #: 19315 - JSH

PROFESSIONAL SEAL

STATE OF MISSOURI
BART HALVERSON
NUMBER E-20439
ENGINEER
05/20/21

LOCATION
LEE'S SUMMIT, MO

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935
EMPLOYEE OWNED

NORTH

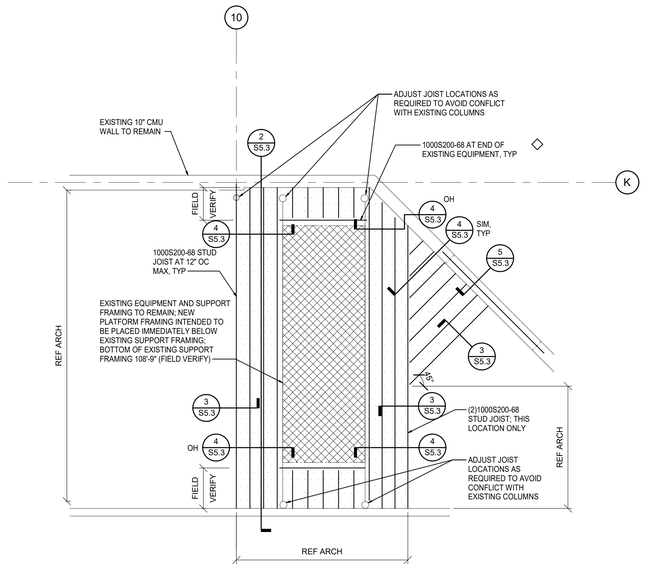
STRUCTURAL SECTIONS & DETAILS

PROJECT MANAGER	CHECKED BY:
JSH	Approver
DRAWN BY:	DATE:
Author	10/20/2020
SCALE:	JOB NUMBER:
As indicated	20332

SHEET:

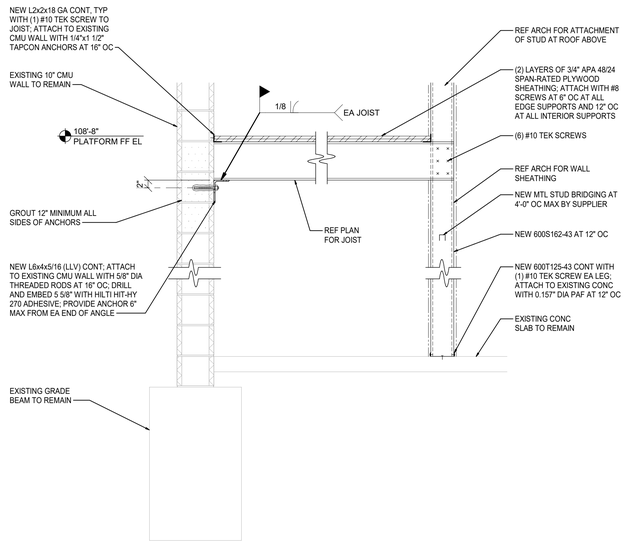
S5.1

5/20/2021 2:45:26 PM



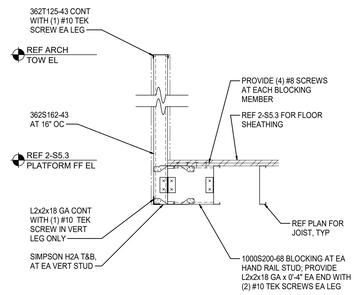
1 PLATFORM FRAMING PLAN

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



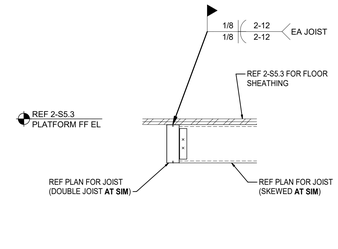
2 PLATFORM FRAMING

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



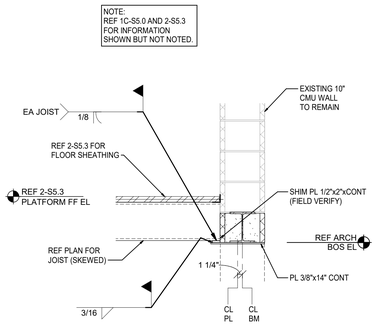
3 PLATFORM HAND RAIL

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



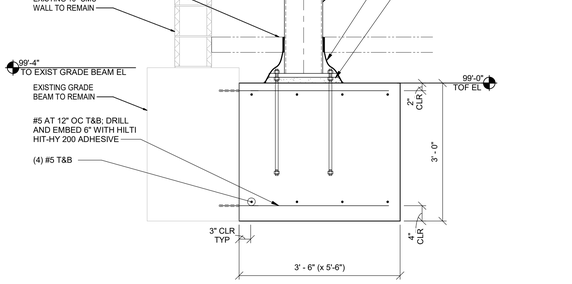
4 PLATFORM FRAMING

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



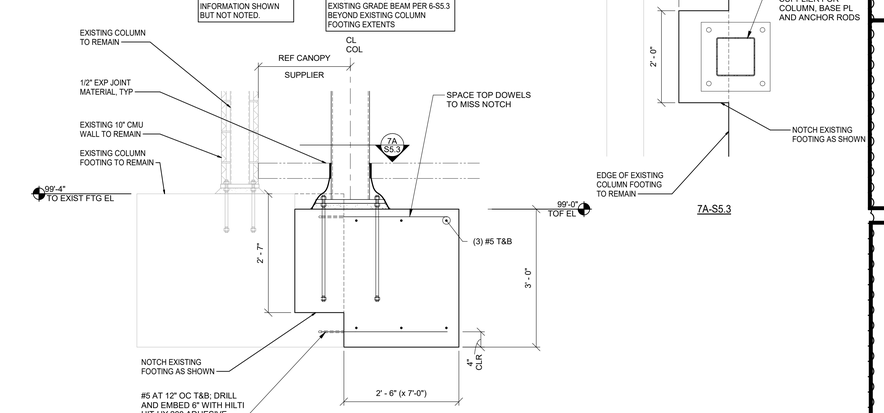
5 PLATFORM FRAMING

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



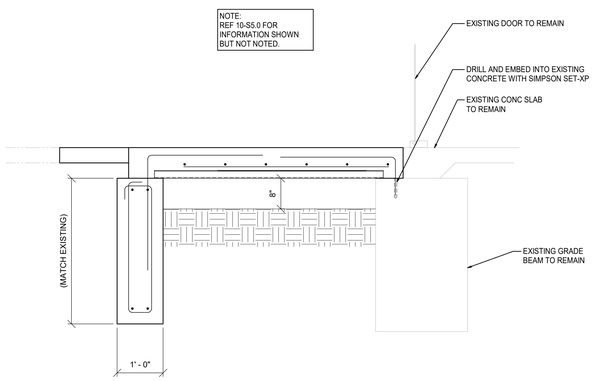
6 AOL CANOPY COLUMN FOOTING

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



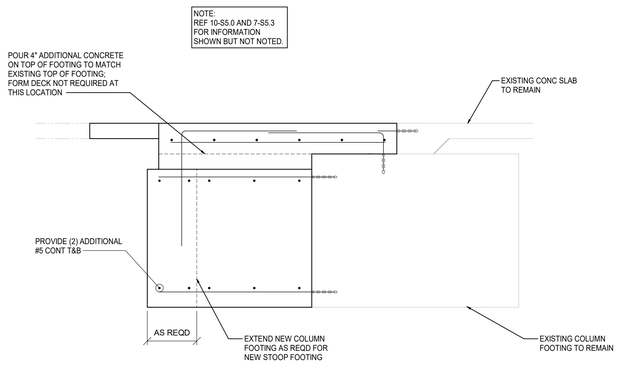
7 AOL CANOPY COLUMN FOOTING

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



8 FOUNDATION AT STOOP

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



9 STOOP AT NEW FOOTING

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

REVISION		DATE BY
1	ASI #7	04/16/21
2	ASI #8	05/19/21

JBA JOHNSTON BURKHOLDER ASSOCIATES
consulting structural engineers
930 CENTRAL · KANSAS CITY, MO 64105
816-421-4290 · WWW.JBAENGR.COM
JBA PROJ #: 19315 - 35H

PROFESSIONAL SEAL

STATE OF MISSOURI
BART HAUVERSON
NUMBER E-29439
REGISTERED PROFESSIONAL ENGINEER
05/20/21

LOCATION
LEE'S SUMMIT, MO

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee® EMPLOYEE OWNED

NORTH

STRUCTURAL SECTIONS & DETAILS

PROJECT MANAGER	CHECKED BY:
JSH	Approver
DRAWN BY:	DATE:
Author	10/20/2020
SCALE:	JOB NUMBER
As indicated	20332

SHEET:

S5.3

5/20/2021 2:45:27 PM

REVISION		DATE BY
1	ASI #1	11/12/20
2	ASI #2	01/08/21
3	ASI #3	01/26/21
4	ASI #4	02/05/21
5	ASI #5	03/19/21
6	ASI #7	04/16/21
7	ASI #8	05/19/21

brr

Architect of Record:
BRR Architecture, Inc

Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Austin
Miami
Los Angeles
Chicago

8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER A-007528
REGISTERED ARCHITECT

Richard A. Majors, Jr. 5/19/21
Architect
Missouri License No. A-007528

LOCATION
LEE'S SUMMIT, MO #2

HY-VEE INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee® EMPLOYEE OWNED

NORTH

FIXTURE & EQUIPMENT PLAN

PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
AP	3/19/2021
SCALE:	JOB NUMBER:
3/32" = 1'-0"	62930547
SHEET:	
A0.0	

1 FIXTURE AND EQUIPMENT PLAN
SCALE: 3/32" = 1'-0"

5/20/2021 1:13:41 PM

DEMOLITION NOTES

NOTE: WHERE JUST A PORTION OF A COOLER/FREEZER BOX OR COOLER/FREEZER BOX DOOR IS TO BE REMOVED, THE PARTIAL REMOVAL AND BOTH THE TEMPORARY AND PERMANENT SUPPORT OF THE EXISTING COOLER/FREEZER BOX CEILING ABOVE IS TO BE BY THE REFRIGERATION CONTRACTOR.

1. REMOVE WALL IN ITS ENTIRETY. PATCH/REPAIR EXISTING ADJACENT SURFACES TO RECEIVE NEW FINISHES.
2. REMOVE FIXTURE IN ITS ENTIRETY. CAP ALL ABANDONED UTILITIES. CONTRACTOR TO VERIFY WITH HY-VEE IF REMOVED EQUIPMENT IS TO BE SALVAGED.
3. REMOVE DOOR AND FRAME IN ITS ENTIRETY.
4. REMOVE COOLER/FREEZER WALLS, CEILINGS, FLOOR AND DOORS IN THEIR ENTIRETY, UNLESS NOTED OTHERWISE.
5. REMOVE PORTION OF CMU WALL. REF STRUC.
6. REMOVE COLUMN, REF STRUC
7. REMOVE PORTION OF COOLER/FREEZER WALL SHOWN DASHED
8. REMOVE ANY EXIT SIGNAGE ON, ABOVE, OR AROUND DOOR AS THIS DOOR WILL NO LONGER BE DESIGNATED AS AN EMERGENCY EGRESS DOOR. ANY ALARM SYSTEM AND HARDWARE ARE TO REMAIN INTACT.
9. REMOVE PORTION OF EXISTING WALL AS SHOWN IN DASHED LINES & PREP. FOR NEW WORK.

DEMO EXISTING WALL FINISHES FOR NEW - SEE - A3.3

DEMO EXISTING WALL FINISHES FOR NEW - SEE - A3.5

3'H @ 5'-0" A.F.F.

5'-0"

1'-6"

TYP

1 DEMOLITION PLAN
SCALE: 3/32" = 1'-0"

REVISION		DATE BY
2	ASI #2	01/08/21
5	ASI #5	03/19/21
6	ASI #7	04/16/21
7	ASI #8	05/19/21

brr

Architect of Record:
BRR Architecture, Inc

Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Boston
Miami
Los Angeles
Chicago

8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER A-2007528
REGISTERED ARCHITECT

Richard A. Majors, Jr.
Architect
Missouri License No. A-2007528

LOCATION
LEE'S SUMMIT, MO #2

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee® EMPLOYEE OWNED

NORTH

ARCHITECTURAL DEMOLITION PLAN

PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE: 3/19/2021
SCALE: As indicated	JOB NUMBER: 62930547

SHEET: AD1.0

5/19/2021 2:56:59 PM

PARTITION NOTES

1. CONSTRUCT ALL PARTITIONS TO THE BOTTOM OF STRUCTURE WITH DEFLECTION TRACK AT THE TOP, UNLESS NOTED OTHERWISE. (SEE PARTITION SYMBOL.) GYP BD SHALL EXTEND TO TOP OF BOTH SIDES, CONTRACTOR HAS THE OPTION TO TERMINATE WALL 6" ABOVE THE HIGHEST ADJACENT CEILING AS LONG AS THE WALL IS DIAGONALLY BRACED @ 48" O.C. WITH EVERY OTHER BRACE GOING TO THE OPPOSITE SIDE OF THE WALL.
2. ALL STUD & CHANNEL SPACING IS TO BE 1'-4" O.C., UNLESS NOTED OTHERWISE
3. ALL STUDS OVER 14' H SHALL BE 20 GA MTL. ALL OTHER PARTITION STUDS SHALL BE STD GA AS SPECIFIED (09 21 16)
4. ALL GYP BD SHALL BE 5/8" OR 1/2" THICK & BE REGULAR, WATER RESISTANT (W.R.) OR FIRE RESISTANT (F.R.) AS NOTED IN PARTITION TYPES.
5. LOCATE BRACING TO INTERIOR SIDE OF ROOM IN A CONCEALED MANNER.
6. BRACE TO ADJACENT WALLS WITH METAL STUDS WHERE POSSIBLE.
7. ALL DIMENSIONS ARE TO FACE OF STUD, GRID LINES OR TO NOMINAL FACE OF MASONRY, UNLESS NOTED OTHERWISE.
8. AT ALL LOCATIONS WHERE THE EXISTING CEILING IS BEING RAISED UP, CONTRACTOR IS TO ADD STUDS/FURRING AND GYPSUM BOARD FINISH AS NEEDED TO FILL IN THE NEW PERIMETER WALL AREA AND FINISH AS SCHEDULED.
9. ALL NEW AND EXISTING EXPOSED COOLER/FREEZER WALLS AND EXPOSED STUD WALLS IN THE STOCKROOM RECEIVING AREA ARE TO HAVE 1/2" PLYWOOD OVER 2"x10" BASE WITH EASED EDGE. ADD WHERE NEEDED AND REPLACE AT EXISTING DAMAGED WALLS.
10. IN ADDITION TO CONTROL JOINTS INDICATED ON DRAWINGS: WHERE INSTALLING FURRING AND GYPSUM BOARD ON MASONRY WALLS, INSTALL #093 CONTROL JOINTS AT MAX. 30'-0" O.C. AND AT TRANSITIONS BETWEEN HORIZONTAL AND VERTICAL GYPSUM BOARD SHEATHED PLANES, AS WELL AS OPENING GREATER THAN 4'-0" IN ANY DIRECTION. THE CONTRACTOR IS ALSO TO INSTALL A VERTICAL SLIP JOINT AT ANY LOCATION WHERE A ROOF SUPPORTED SOFFIT WALL COMES IN CONTACT WITH A WALL THAT IS FLOOR SUPPORTED.

PLY ON STUD WALLS IN BOH TO EXTEND 8' AFF, REF 6 / A3.16

WALLS EXTEND TO DECK

SEE SHEET A2.5 FOR WALL TYPES

1 FLOOR PLAN
SCALE: 3/32" = 1'-0"

REVISION		DATE BY
1	ASI #1	11/12/20
2	ASI #2	01/08/21
3	ASI #3	01/26/21
4	ASI #4	02/05/21
5	ASI #5	03/19/21
6	ASI #7	04/16/21
7	ASI #8	05/19/21

brr

Architect of Record:
BRR Architecture, Inc

Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Austin
Miami
Los Angeles
Chicago

8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A MAJORS, JR.
NUMBER A-007528
REGISTERED ARCHITECT
05/20/21

Richard A. Majors, Jr.
Architect
Missouri License No. A-007528

LOCATION
LEE'S SUMMIT, MO #2

HY-VEE INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee® EMPLOYEE OWNED

NORTH

FLOOR PLAN

PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
AO	3/19/2021
SCALE:	JOB NUMBER:
3/32" = 1'-0"	62930547

SHEET:

A1.0

5/20/2021 1:27:52 PM

LEGEND

FLOOR DESIGNATED IN THIS AREA AS QUARRY TILE. SEE FLOOR FINISH PLAN FOR SPECIFIC FLOORING DESIGNATION. CONTRACTOR TO VERIFY DEPTH OF FLOOR FINISH MATERIAL. - CUT CONTROL JOINTS @ 15' O.C. MAXIMUM EACH DIRECTION

FLOOR DESIGNATED IN THIS AREA AS CARPET. SEE FLOOR FINISH PLAN FOR SPECIFIC FLOORING DESIGNATION. CONTRACTOR TO VERIFY DEPTH OF FLOOR FINISH MATERIAL.

SPECIAL INSULATED FLOOR FOR FREEZERS; SEE DETAIL ON A2.0A. JOINT AT EDGE ONLY

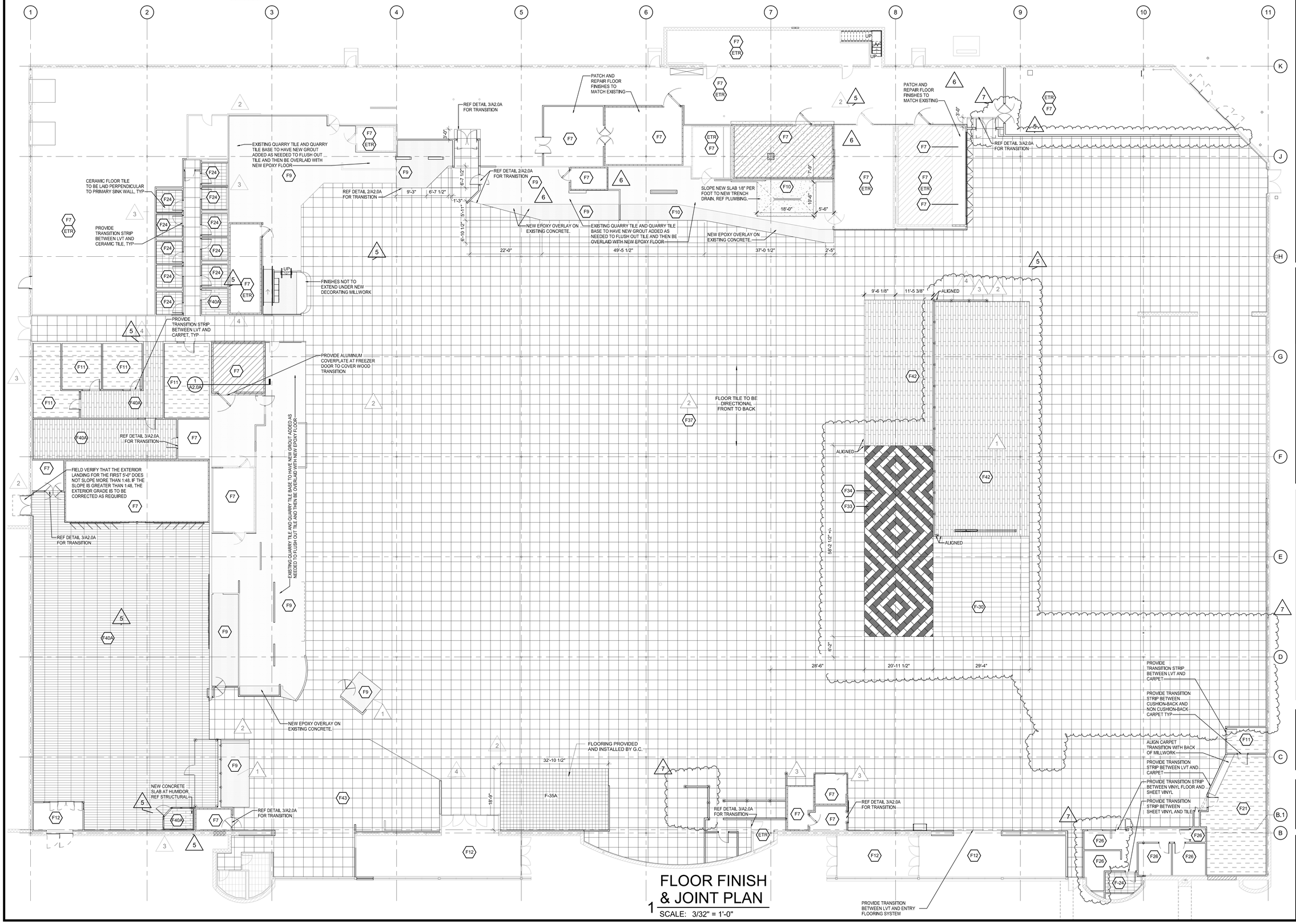
FLOOR DESIGNATED IN THIS AREA AS EPOXY FLOOR. SEE FLOOR FINISH PLAN FOR SPECIFIC FLOORING DESIGNATION. CONTRACTOR TO VERIFY DEPTH OF FLOOR FINISH MATERIAL. - CUT CONTROL JOINTS @ 12' O.C. MAXIMUM EACH DIRECTION

FLOOR DESIGNATED IN THIS AREA AS LVT. SEE FLOOR FINISH PLAN FOR SPECIFIC FLOORING DESIGNATION. CONTRACTOR TO VERIFY DEPTH OF FLOOR FINISH MATERIAL.

F-35A — VINYL FLOOR TILE - ASPECTA FIVE - WASHED CONCRETE - IRON - 12"x12", REF STARBUCKS DRAWINGS

GENERAL FLOORING NOTES

1. SEE SHEET A2.2 FOR ALL FLOOR FINISH, WALL AND BASE SPECIFICATIONS. SEE A3.7A FOR CLINIC FINISHES.
2. AT CLOSE OF PROJECT, FURNISH NOT LESS THAN ONE BOX FOR EACH 50 BOXES, OR FRACTION THERE OF, OF EACH CLASS,WEARING SURFACE, COLOR PATTERN, AND SIZE OF CARPET OR RESILIENT TILE INSTALLED.
3. PROVIDE 6" VINYL BASE AROUND DOUBLE EXPRESS LANES AND ALL MILLWORK IN NON-FOOD SERVICE DEPARTMENTS(TYPICAL).
4. INSTALL ALL CERAMIC AND PORCELAIN FLOOR TILE SO THAT GROUT JOINTS ARE 1/4" MAX.
5. INSTALL SCHLUTER RENO-RAMP EDGING AT ALL EXPOSED EDGES OF CERAMIC FLOOR TILE, DEPTH AS REQUIRED.
6. DO NOT SEAL CONCRETE ON COOLERS & FREEZERS.
7. CONTRACTOR SHALL CUT CONTROL JOINTS IN A TIMELY MANNER TO PREVENT SLAB CRACKING. CONTROL JOINTS ARE TO BE INSTALLED @ 12'-0" O.C. (MAX) OR AS SHOWN ON PLAN.
8. INSTALL EPOXY JOINT FILLER FOR ALL BACKROOM SAW & CONSTRUCTION JOINTS.
9. DIMENSIONS ARE FROM FACE OF WALL AND CENTERLINE OF COLUMNS (TYPICAL).
10. AT CONCRETE SLAB POUR JOINTS - PROVIDE 1/2"Ø SMOOTH GREASED DOWELS AT 18" O.C. FREEZERS AND MEAT COOLER FLOORS WILL NOT HAVE DOWELS AT EDGE JOINTS.
11. AT CONCRETE SLAB CONTROL JOINTS - SAW JOINT TO BE 1-1/4" DEEP MINIMUM.
12. EPOXY FINISH TO EXTEND TO INTERIOR SIDE OF THRESHOLD TO COVER WOOD TRANSITION @ FREEZERS AND COOLERS.
13. FLOORS TO SLOPE TO FLOOR DRAINS WHERE NOTED, MAXIMUM SLOPE OF 1/4" PER FOOT CROSS SLOPE TO MEET ADA & LOCAL CODES.
14. AT EXISTING FLOOR SLOPES THAT SLOPE TO EXISTING AREA DRAINS, BUT ARE NO LONGER WITHIN A PREP SPACE, INSTALL EPOXY CONCRETE FLOOR LEVELER TO BRING FINISH FLOOR UP TO BE LEVEL WITH ADJACENT SLABS.



FLOOR FINISH & JOINT PLAN

1 SCALE: 3/32" = 1'-0"

REVISION		DATE BY
1	ASI #1	11/12/20
2	ASI #2	01/08/21
3	ASI #3	01/26/21
4	ASI #4	02/05/21
5	ASI #5	03/19/21
6	ASI #7	04/16/21
7	ASI #8	05/19/21

brr

Architect of Record:
BRR Architecture, Inc

Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Miami
Los Angeles
Chicago

8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER A-007528
REGISTERED ARCHITECT

Richard A. Majors, Jr. 05/20/21
Architect
Missouri License No. A-007528

LOCATION
LEE'S SUMMIT, MO #2

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee® EMPLOYEE OWNED

NORTH

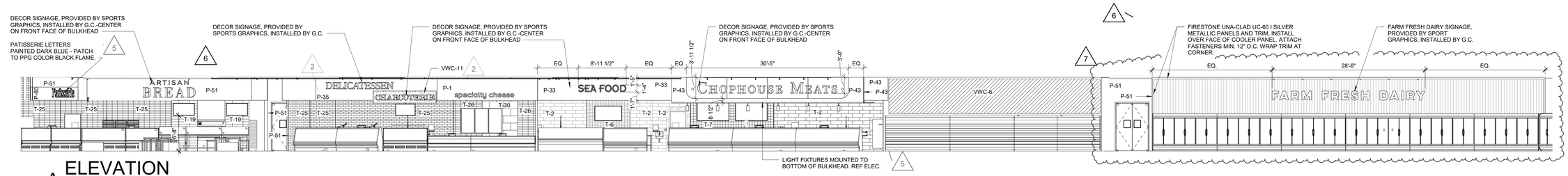
FLOOR FINISH & JOINT PLAN

PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
AO	3/19/2021
SCALE:	JOB NUMBER:
As indicated	62930547

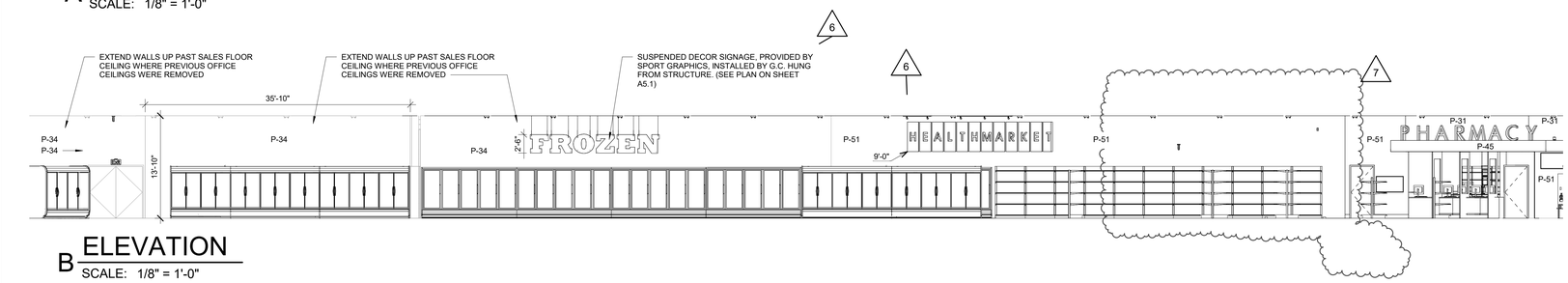
SHEET:

A2.0

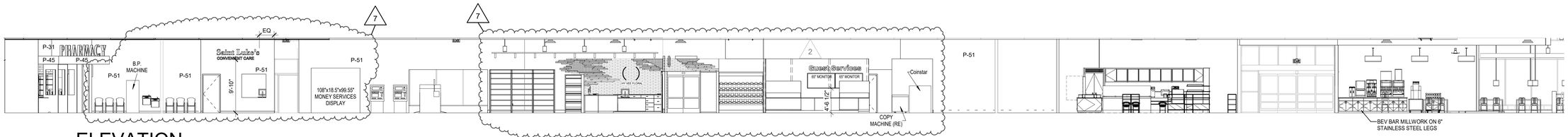
5/20/2021 10:55:31 AM



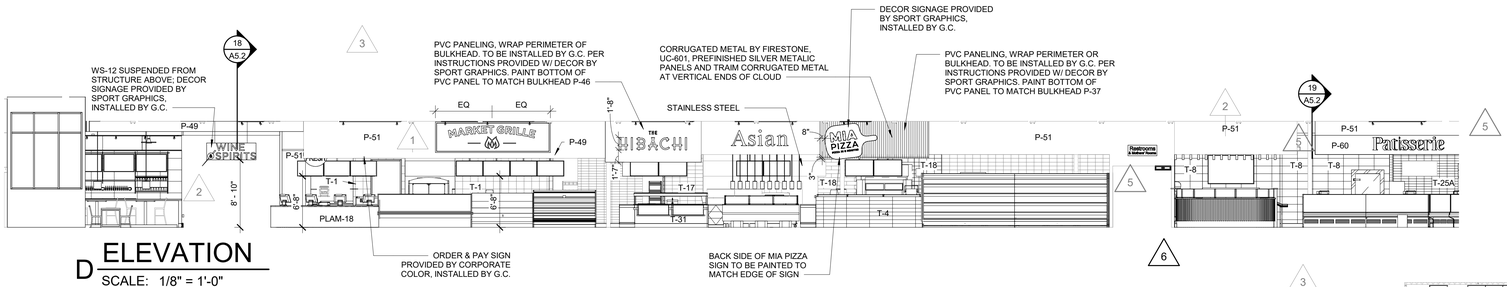
A ELEVATION
SCALE: 1/8" = 1'-0"



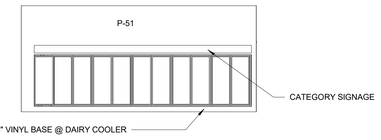
B ELEVATION
SCALE: 1/8" = 1'-0"



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



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



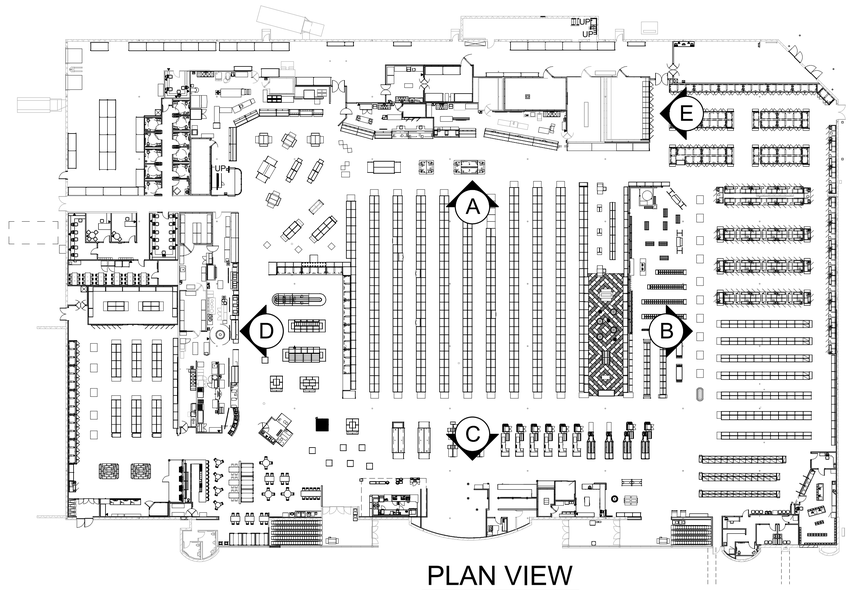
E DAIRY COOLER
SCALE: 1/8" = 1'-0"

TV DISPLAY NOTES:

1. ALL TV DISPLAYS PROVIDED AND INSTALLED BY A+
2. ALL MOUNTING AND ATTACHMENT PROVIDED BY A+
3. CONTRACTOR TO COORDINATE ALL INSTALL LOCATIONS, CONDUIT RUNS, AND ACCESS FOR INSTALLATIONS WITH A+
4. CONTRACTOR TO COORDINATE AND PROVIDE ALL REQUIRED WOOD BLOCKING FOR WALL MOUNTED INSTALLATIONS.

DECOR NOTES:

1. ALL DECOR SIGNAGE IS PROVIDED & INSTALLED BY CONTRACTOR.
2. ALL CURTAIN WALL PAINTING BY CONTRACTOR.
3. INSTALLATION DETAILS WILL BE PROVIDED BY THE DECOR SUPPLIER. VERIFY WITH CONSTRUCTION DOCUMENTS.
4. SALES FLOOR COLUMNS TO BE PAINTED P-2. ALL COLUMNS EXPOSED IN SALES AREA TO BE WRAPPED WITH STAINLESS STEEL TO +4'0" A.F.F.
5. USE B1 (VINYL BASE) THROUGHOUT STORE UNLESS NOTED OTHERWISE.
6. FOR FINISH SCHEDULE SEE SHEET A2.2



PLAN VIEW
SCALE: N.T.S.

REVISION		DATE BY
1	ASI #1	11/12/20
2	ASI #2	01/08/21
3	ASI #3	01/26/21
5	ASI #5	03/19/21
6	ASI #7	04/16/21
7	ASI #8	05/19/21

brr

Architect of Record:
BRR Architecture, Inc

Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Miami
Reno
Los Angeles
Chicago

8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER A-007528
REGISTERED ARCHITECT

Richard A. Majors, Jr.
Architect 05/20/21
Missouri License No. A-007528

LOCATION
LEE'S SUMMIT, MO #2

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee® EMPLOYEE OWNED

NORTH

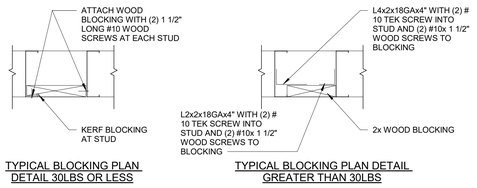
INTERIOR DECOR PLAN

PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
AO	3/19/2021
SCALE:	JOB NUMBER:
As indicated	62930547

SHEET:

A2.4

5/19/2021 2:55:15 PM

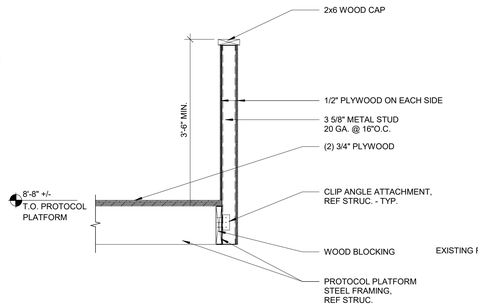


TYPICAL BLOCKING PLAN DETAIL 30LBS OR LESS

TYPICAL BLOCKING PLAN DETAIL GREATER THAN 30LBS

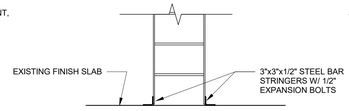
4 TYPICAL WOOD BLOCKING ATTACHMENT DETAIL

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



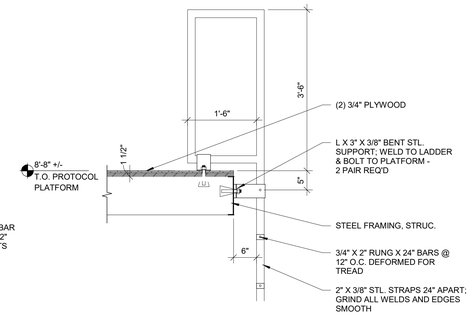
7 GUARDRAILING DETAIL

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



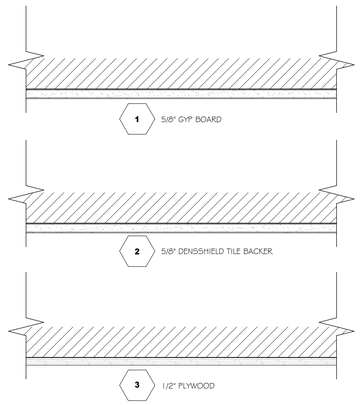
6 LADDER DETAIL

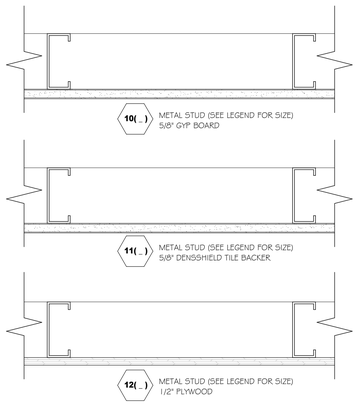
SCALE: 1/2" = 1'-0"

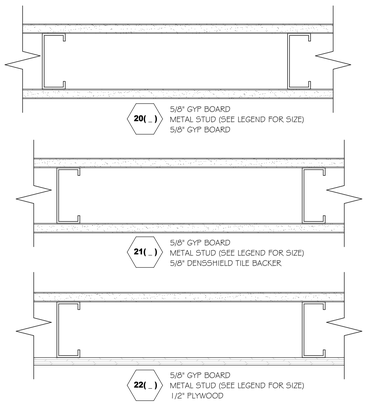


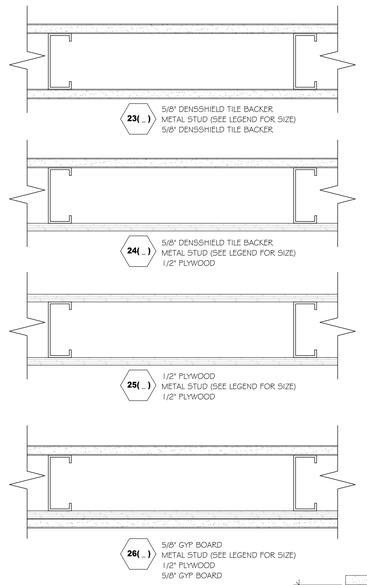
5 LADDER DETAIL

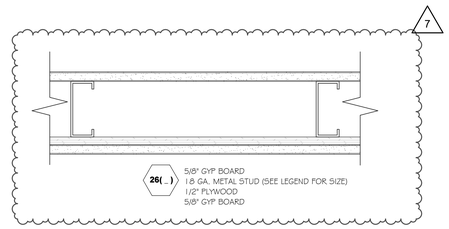
SCALE: 3/4" = 1'-0"







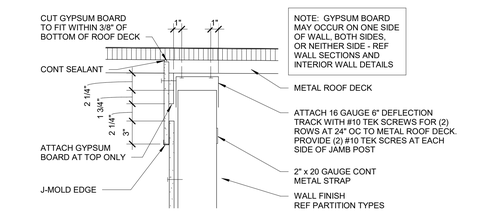




METAL STUD SIZE LEGEND

- **A -** 7/8"
- **B -** 1 5/8"
- **C -** 2 1/2"
- **D -** 3 5/8"
- **E -** 4"
- **F -** 6"
- **G -** 8"
- **H -** 10"

NOTE: ALL GYPSUM BOARD CALLED OUT IN PREP OR SERVICE AREAS AND IN RESTROOMS IS TO BE DENSSHIELD. THE DENSSHIELD ONLY NEEDS TO GO ON THE WET SIDE (PREP/SERVICE/RESTROOM SIDE) OF THE WALL.

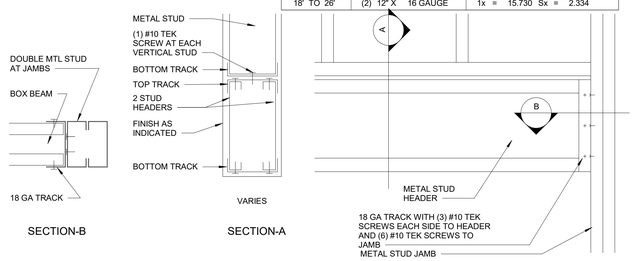


3 NON-RATED DEFLECTION TRACK

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

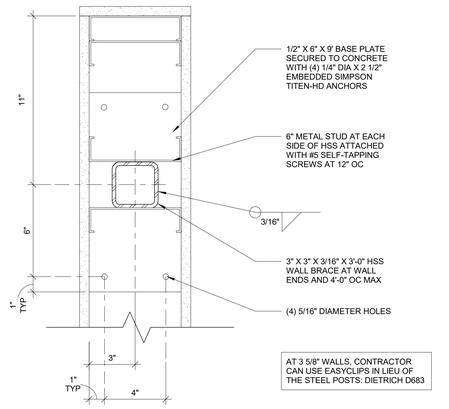
INTERIOR NON-LOAD BEARING PARTITION HEADER SCHEDULE

HEADER LENGTH	HEADER MEMBERS	MINIMUM EFFECTIVE PROPERTIES PER STUD
2' TO 6'	(2) 6" X 18 GAUGE	1x = 2.042 Sx = 0.670
6' TO 8'	(2) 6" X 16 GAUGE	1x = 2.518 Sx = 0.839
8' TO 10'	(2) 6" X 14 GAUGE	1x = 3.094 Sx = 1.031
10' TO 12'	(2) 8" X 18 GAUGE	1x = 4.134 Sx = 1.033
12' TO 14'	(2) 8" X 16 GAUGE	1x = 5.110 Sx = 1.277
14' TO 16'	(2) 8" X 14 GAUGE	1x = 6.303 Sx = 1.576
16' TO 18'	(2) 10" X 14 GAUGE	1x = 12.325 Sx = 2.456
18' TO 26'	(2) 12" X 16 GAUGE	1x = 15.730 Sx = 2.334



2 HEADER CONNECTION DETAIL

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



1 PLAN AT KNEE WALL

SCALE: 3" = 1'-0"

REVISION		DATE BY
3	ASI #3	01/26/21
4	ASI #4	02/05/21
6	ASI #7	04/16/21
7	ASI #8	05/19/21

brr

Architect of Record:
BRR Architecture, Inc

Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Boise
Miami
Los Angeles
Chicago

8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER A-007528
REGISTERED ARCHITECT

Richard A. Majors, JR. 5/20/21
Architect
Missouri License No. A-007528

LOCATION:
LEE'S SUMMIT, MO #2

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee® EMPLOYEE OWNED

NORTH

INTERIOR WALL DETAILS

PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
AP	3/19/2021
SCALE:	JOB NUMBER:
As indicated	62930547

SHEET:

A2.5

5/19/2021 2:55:16 PM

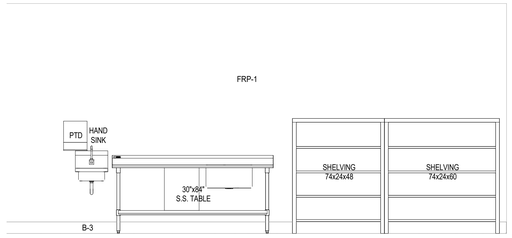
GENERAL NOTES

FOR FINISH SCHEDULE SEE SHEET A2.2.

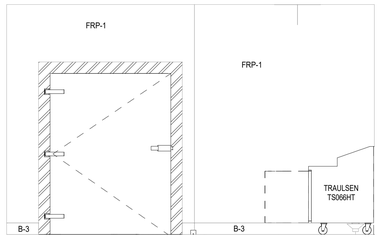
BASE & FLOOR TILE - GRANULAR QUARTZ EPOXY - SEE FLOOR FINISH PLAN FOR COLOR DESIGNATION - BASE REFERENCE DETAIL 19/A3.1

ALL MILLWORK IN FOOD SERVICE AREAS TO HAVE ALL SURFACES FINISHED- NO EXPOSED EDGES OR UNDER SIDES

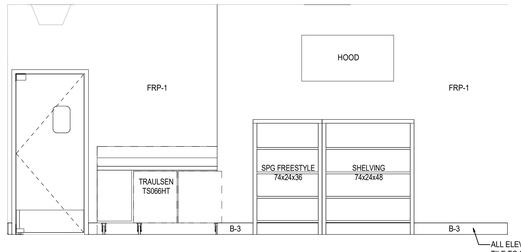
REVISION		DATE BY
2	ASI #2	01/08/21
7	ASI #8	05/19/21



11 ELEVATION
SCALE: 3/8" = 1'-0"

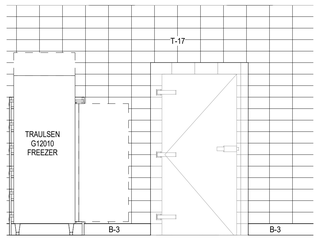


12 ELEVATION
SCALE: 3/8" = 1'-0"

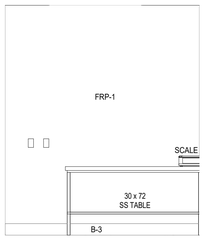


2
ALL ELEVATION WITH EXISTING QUARRY TILE TO HAVE GROUT ADDED AS NEEDED TO FLUSH OUT TILE AND THEN BE OVERLAID WITH NEW EPOXY FLOOR, TYP.

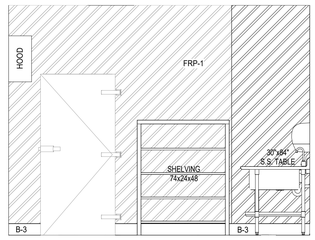
13 ELEVATION
SCALE: 3/8" = 1'-0"



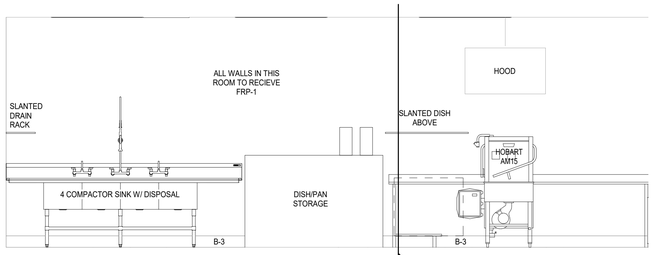
8 ELEVATION
SCALE: 3/8" = 1'-0"



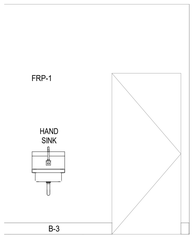
9 ELEVATION
SCALE: 3/8" = 1'-0"



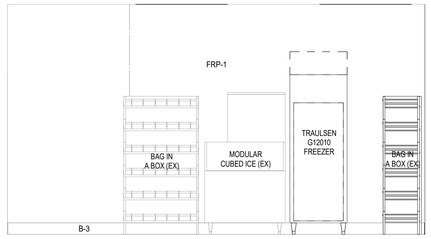
10 ELEVATION
SCALE: 3/8" = 1'-0"



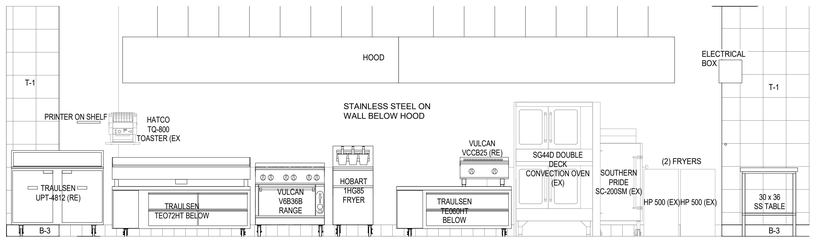
5 ELEVATION
SCALE: 3/8" = 1'-0"



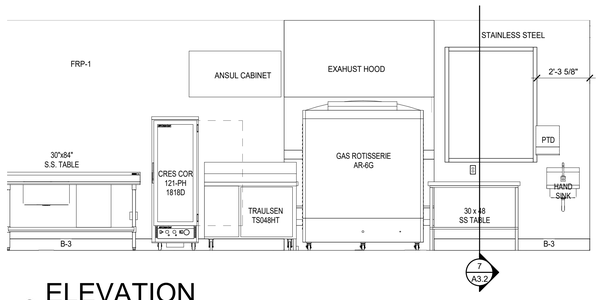
6 ELEVATION
SCALE: 3/8" = 1'-0"



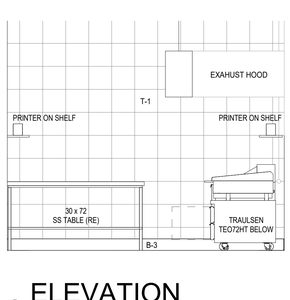
7 ELEVATION
SCALE: 3/8" = 1'-0"



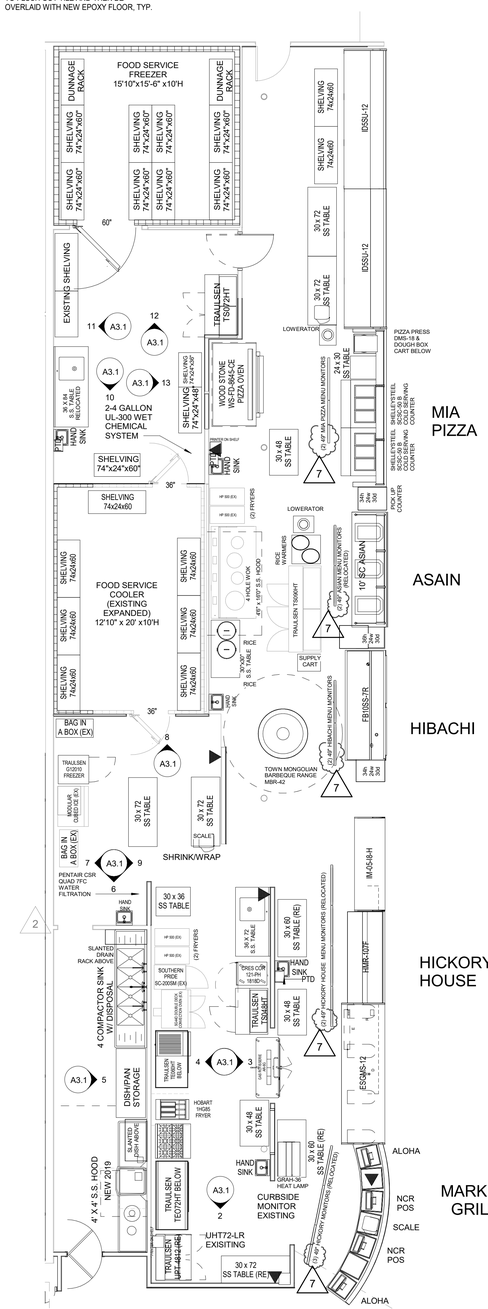
4 ELEVATION
SCALE: 3/8" = 1'-0"



3 ELEVATION
SCALE: 3/8" = 1'-0"



2 ELEVATION
SCALE: 3/8" = 1'-0"



1 PARTIAL FLOOR PLAN - FOOD SERVICE
SCALE: 3/16" = 1'-0"

brr

Architect of Record:
BRR Architecture, Inc

Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Miami
Nuami
Los Angeles
Chicago

8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER A-007528
REGISTERED ARCHITECT

Richard A. Majors, Jr.
Architect
Missouri License No. A-007528

LOCATION
LEE'S SUMMIT, MO #2

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee®
EMPLOYEE OWNED

NORTH

ENLARGED PLAN & ELEVATIONS - FOOD SERVICE

PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
AP	3/19/2021
SCALE:	JOB NUMBER:
As indicated	62930547

SHEET:
A3.1

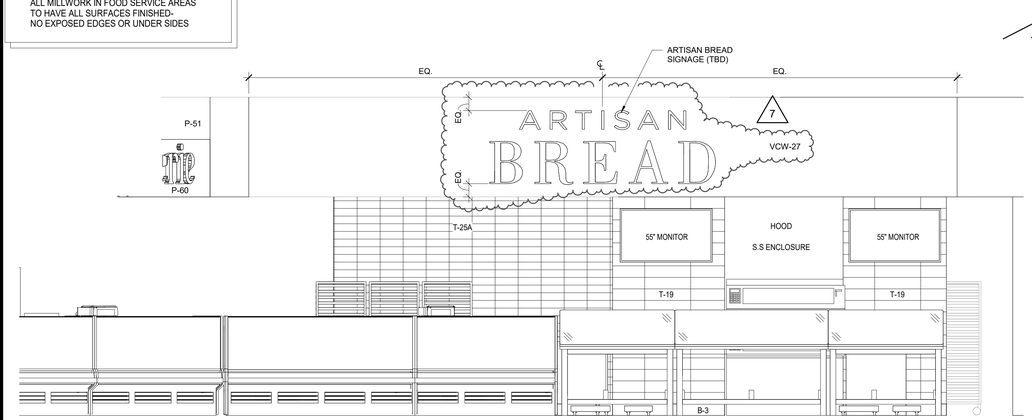
5/19/2021 2:55:26 PM

GENERAL NOTES

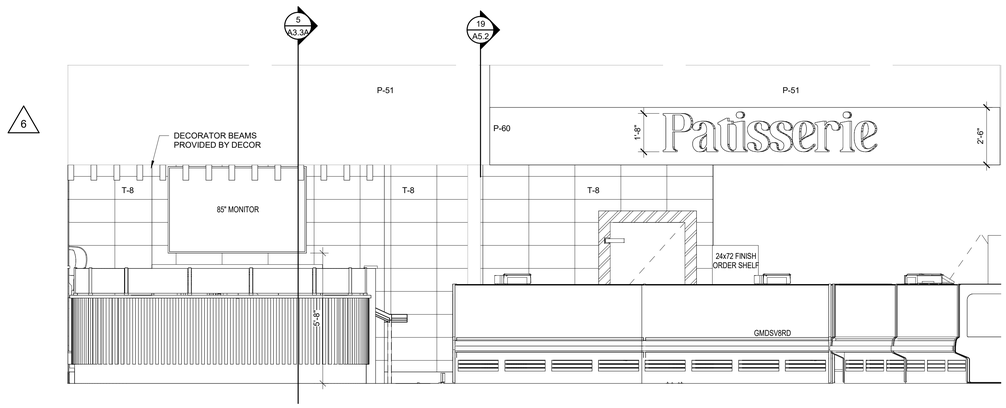
FOR FINISH SCHEDULE SEE SHEET A2.2.
MILLWORK CABINETS FURNISHED BY HY-VEE

***NOTE: INSTALL SCHLUTER-RONDEC SATIN ANODIZED ALUMINUM RO 80A STRIP ON ALL OUTSIDE CORNERS WITH CERAMIC TILE

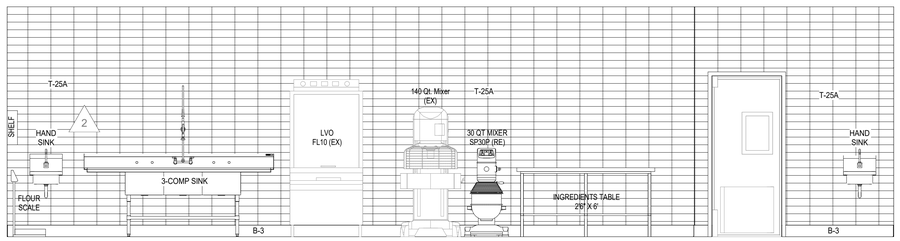
ALL MILLWORK IN FOOD SERVICE AREAS TO HAVE ALL SURFACES FINISHED- NO EXPOSED EDGES OR UNDER SIDES



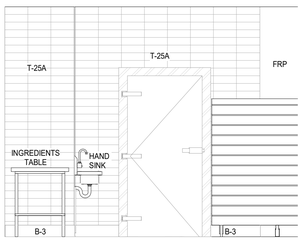
9 ELEVATION
SCALE: 3/8" = 1'-0"



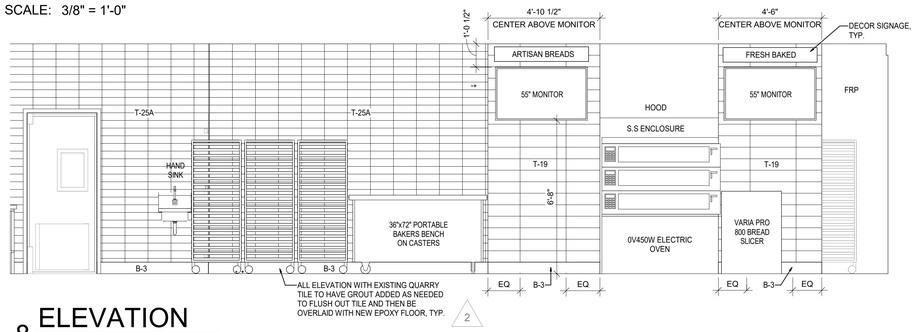
10 ELEVATION
SCALE: 3/8" = 1'-0"



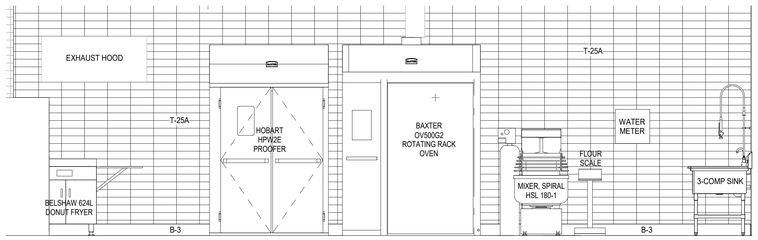
6 ELEVATION
SCALE: 3/8" = 1'-0"



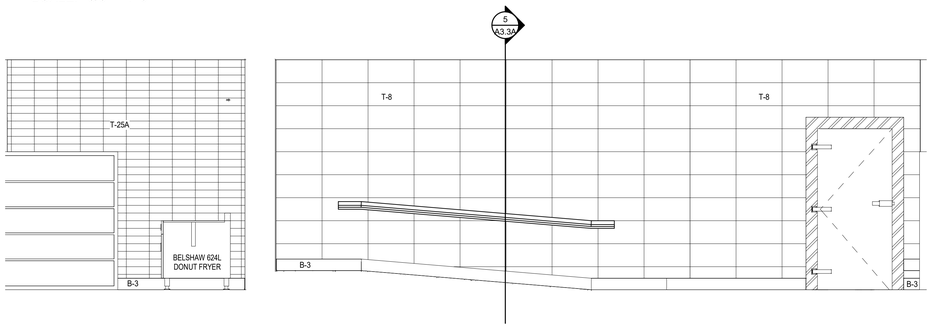
7 ELEVATION
SCALE: 3/8" = 1'-0"



8 ELEVATION
SCALE: 3/8" = 1'-0"



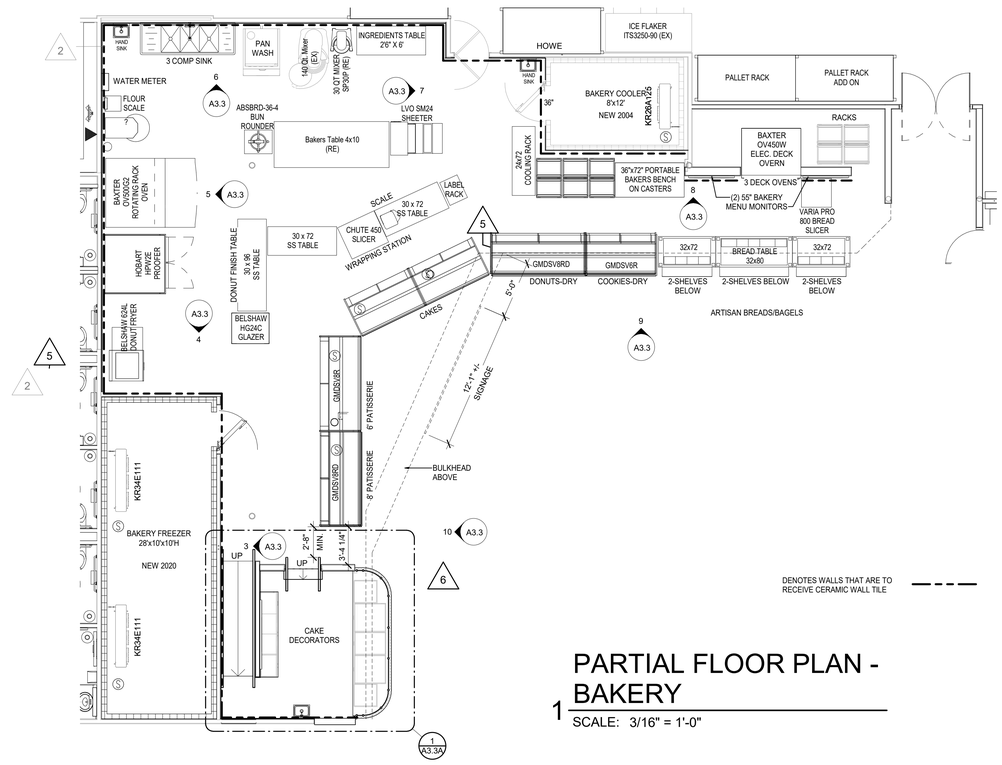
5 ELEVATION
SCALE: 3/8" = 1'-0"



4 ELEVATION
SCALE: 3/8" = 1'-0"

3 ELEVATION
SCALE: 3/8" = 1'-0"

ELEVATIONS LABELED 2 MOVED TO SHEET A3.3A



DENOTES WALLS THAT ARE TO RECEIVE CERAMIC WALL TILE

1 PARTIAL FLOOR PLAN - BAKERY
SCALE: 3/16" = 1'-0"

REVISION		DATE BY
2	ASI #2	01/08/21
5	ASI #5	03/19/21
6	ASI #7	04/16/21
7	ASI #8	05/19/21

brr

Architect of Record:
BRR Architecture, Inc

Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Boston
Miami
Los Angeles
Chicago

8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A MAJORS, JR.
NUMBER A-007528
REGISTERED ARCHITECT

Richard A. Majors, Jr.
Architect 5/19/21
Missouri License No. A-007528

LOCATION
LEE'S SUMMIT, MO #2

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2955

Hy-Vee® EMPLOYEE OWNED

NORTH

ENLARGED PLAN & ELEVATIONS - BAKERY

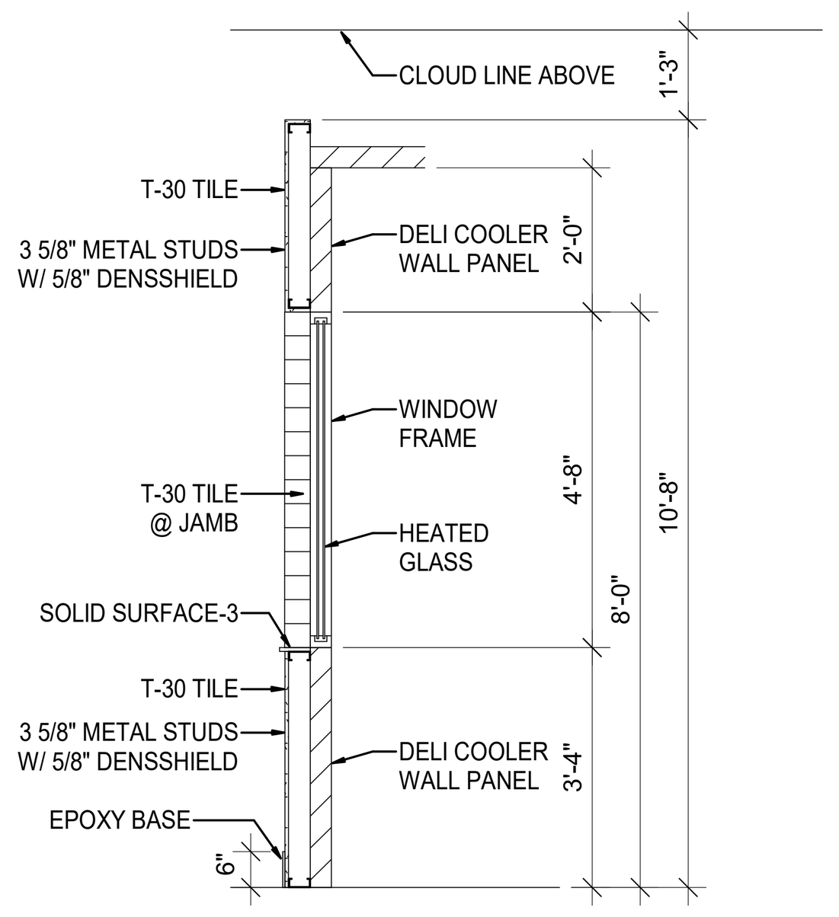
PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
Author	3/19/2021
SCALE:	JOB NUMBER
As indicated	62930547

SHEET:
A3.3

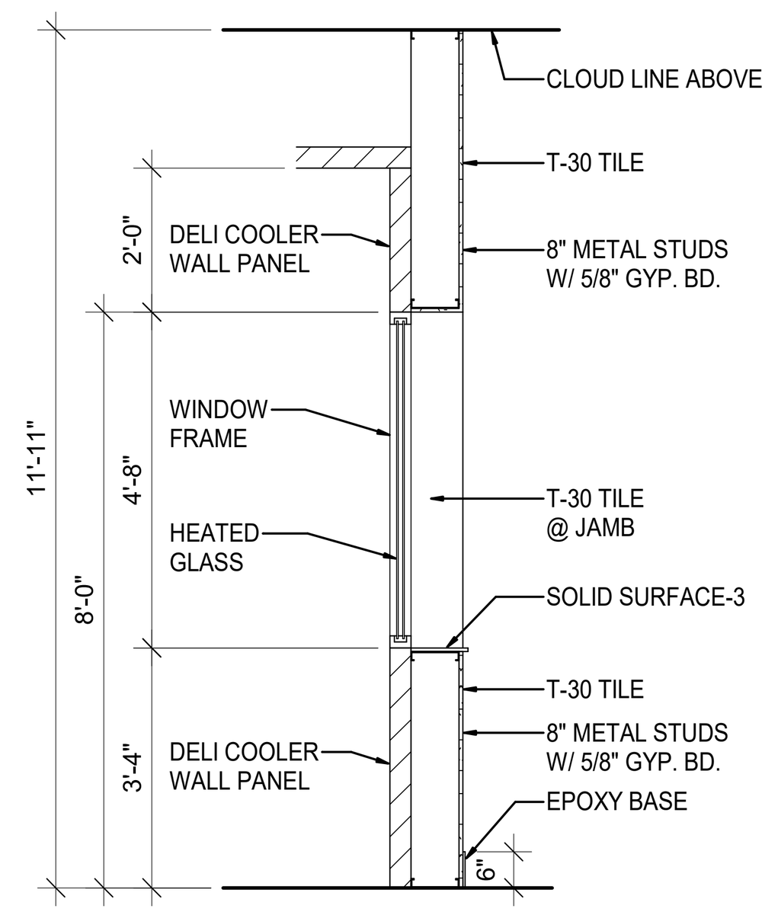
5/19/2021 2:55:33 PM

GENERAL NOTES

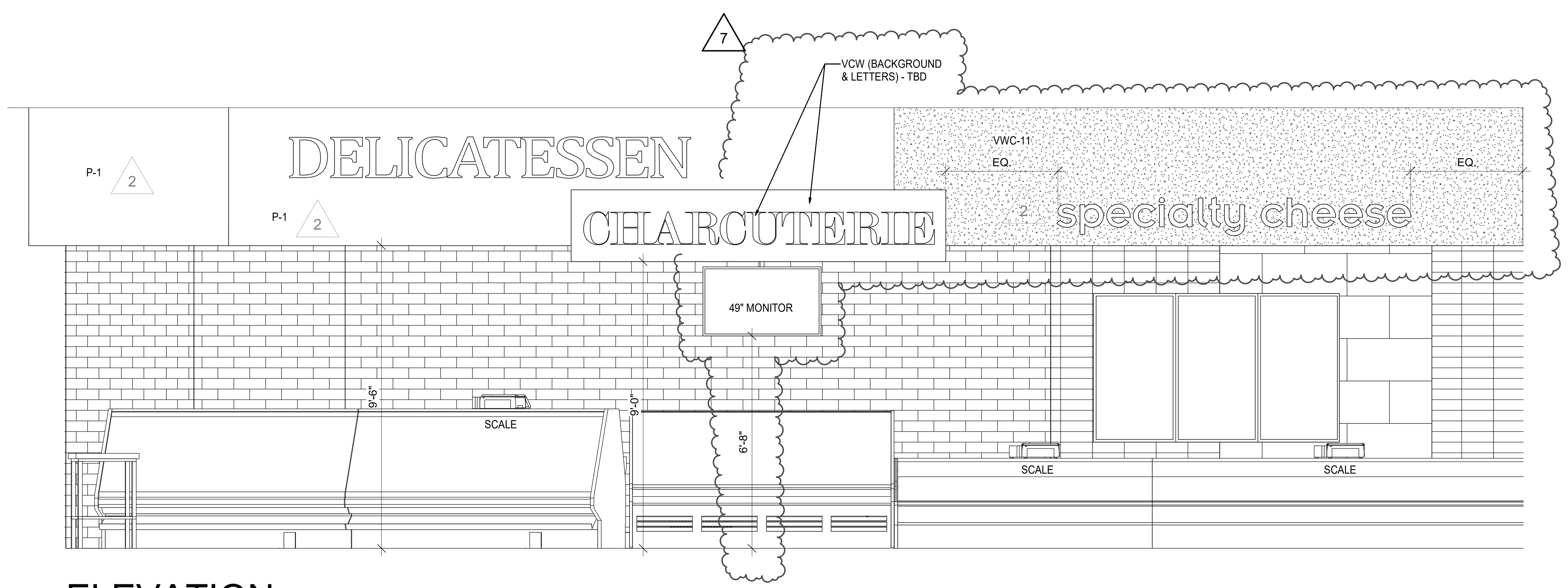
FOR FINISH SCHEDULE SEE SHEET A2.2.



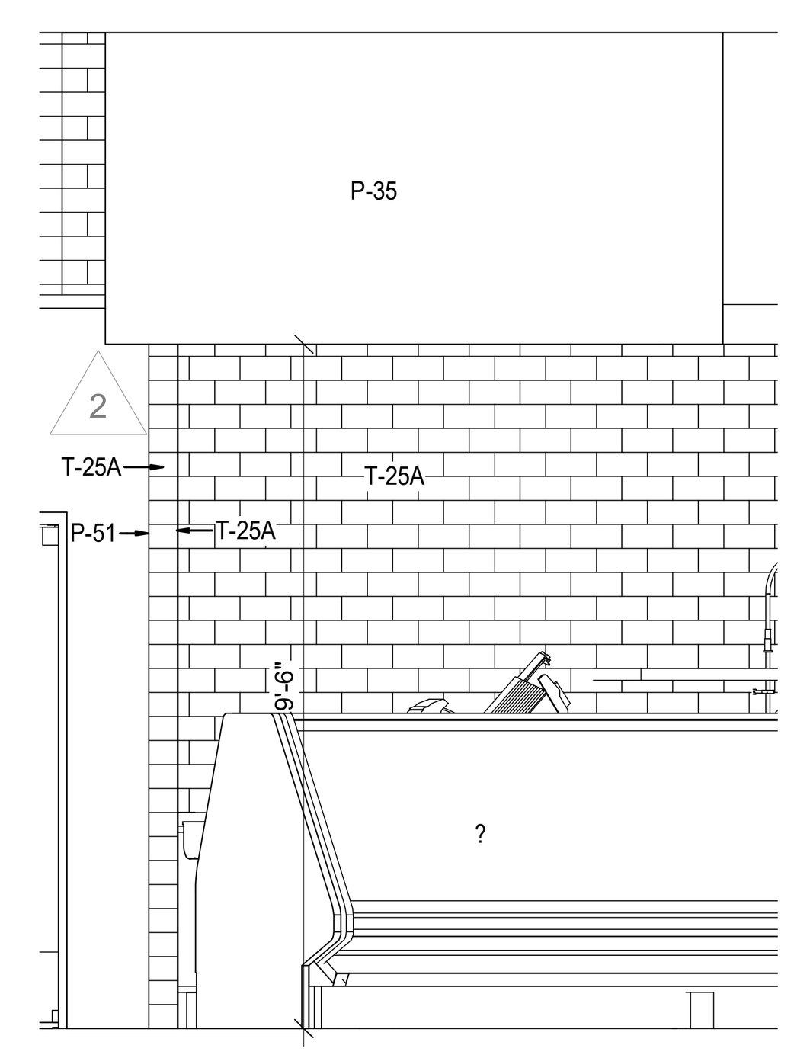
8 SECTION @ DELI COOLER WINDOW
SCALE: 3/8" = 1'-0"



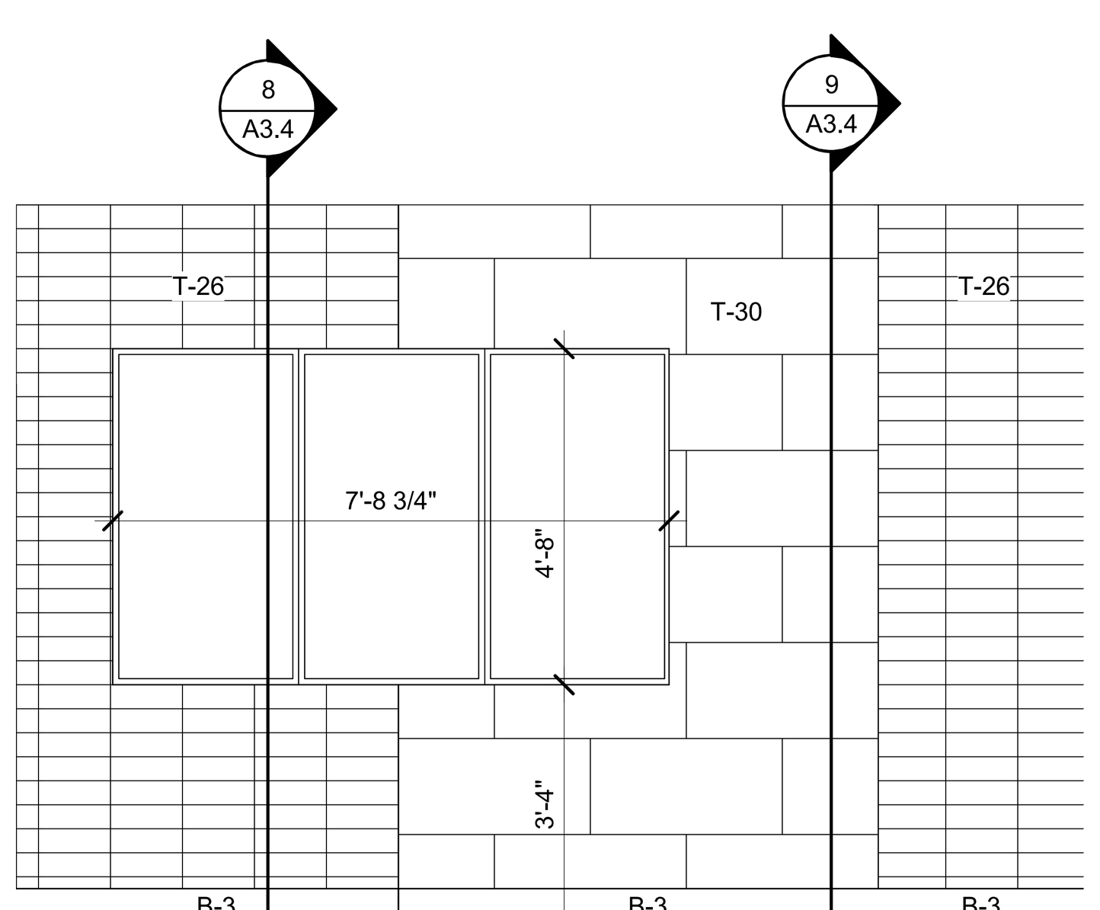
9 SECTION @ DELI COOLER WINDOW
SCALE: 3/8" = 1'-0"



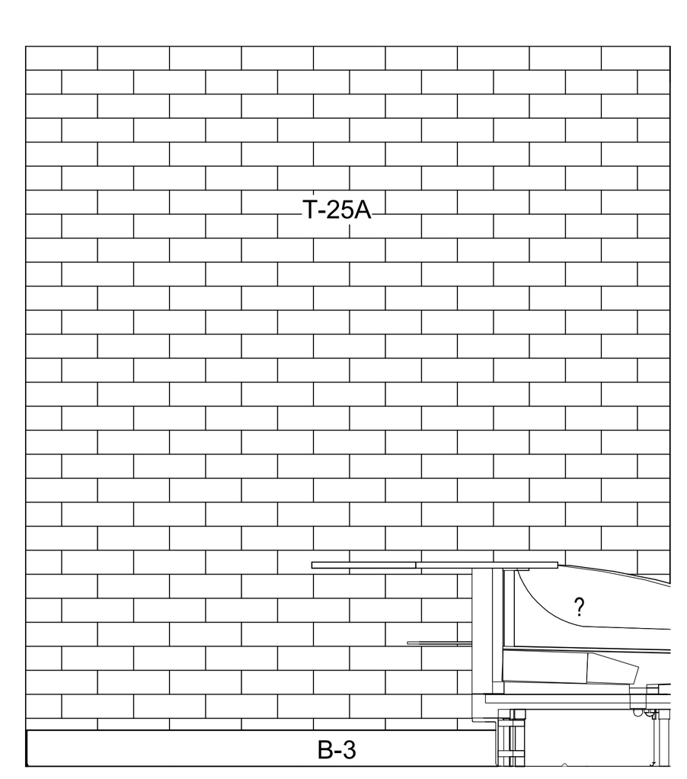
6 ELEVATION
SCALE: 3/8" = 1'-0"



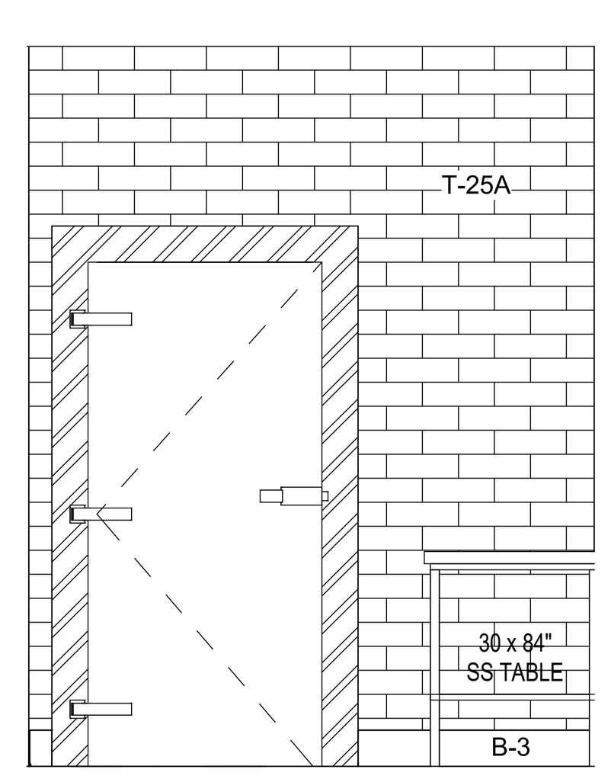
7 ELEVATION
SCALE: 3/8" = 1'-0"



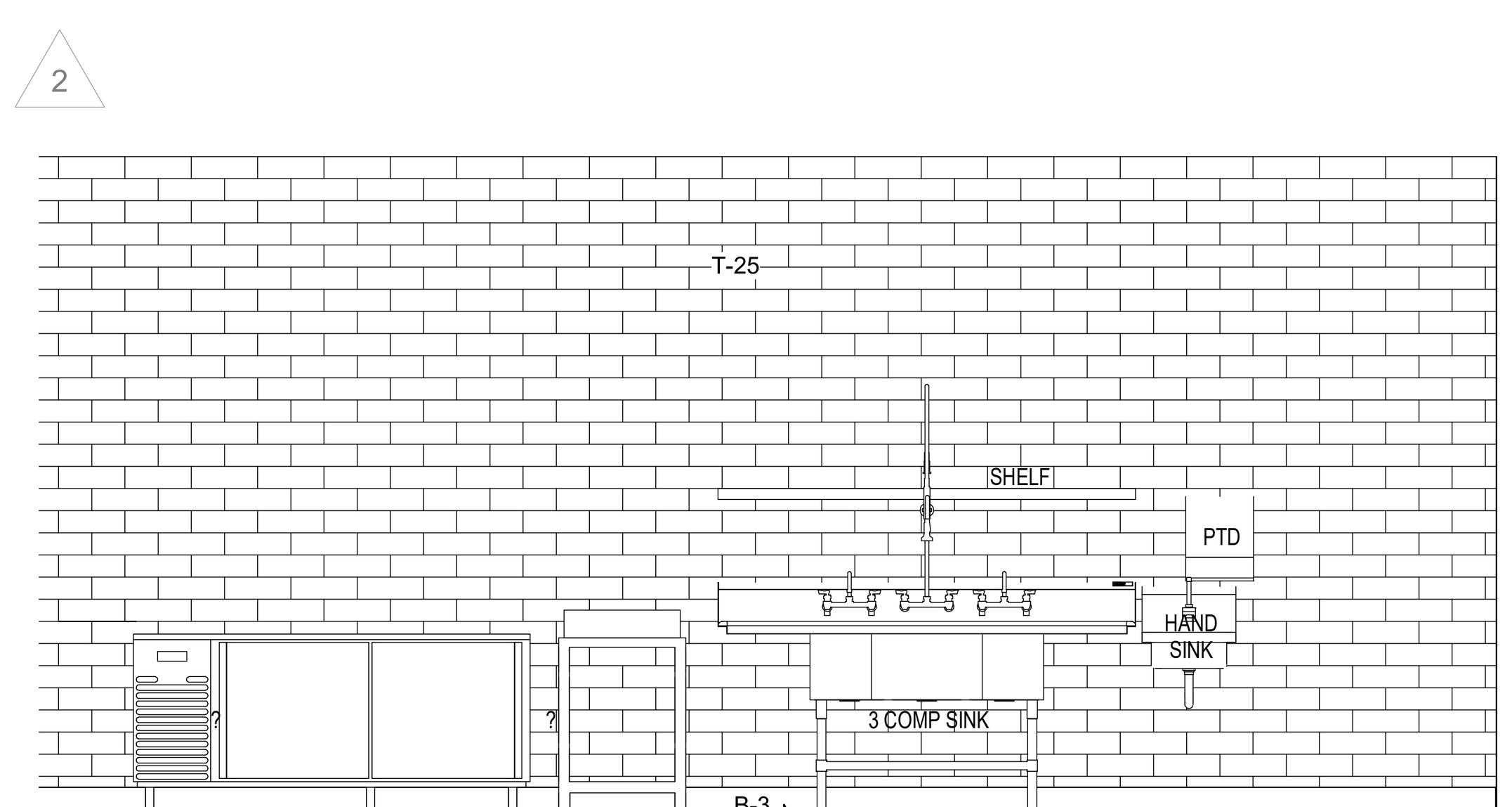
4 ELEVATION
SCALE: 3/8" = 1'-0"



5 ELEVATION
SCALE: 3/8" = 1'-0"

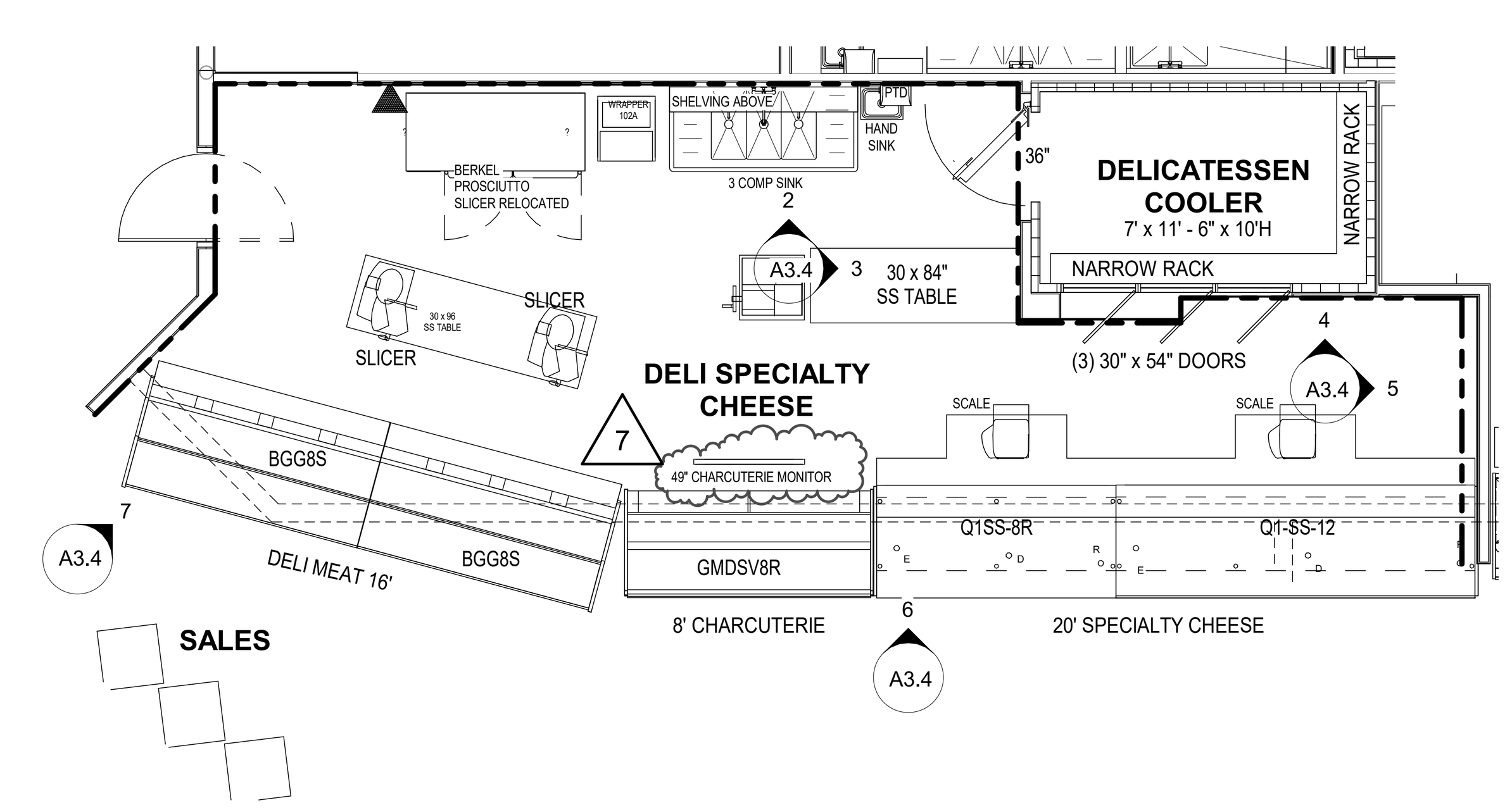


3 ELEVATION
SCALE: 3/8" = 1'-0"



ALL ELEVATION WITH EXISTING QUARRY TILE TO HAVE GROUT ADDED AS NEEDED TO FLUSH OUT TILE AND THEN BE OVERLAID WITH NEW EPOXY FLOOR, TYP.

2 ELEVATION
SCALE: 3/8" = 1'-0"



DENOTES WALLS THAT ARE TO RECEIVE CERAMIC WALL TILE

1 PARTIAL FLOOR PLAN - DELICATESSAN
SCALE: 3/16" = 1'-0"

5/19/2021 2:55:38 PM

REVISION		DATE BY
2	ASI #2	01/08/21
7	ASI #8	05/19/21

brr

Architect of Record: Rich A. Majors
BRR Architecture, Inc

Kansas City, Bentonville, Phoenix, San Francisco, Philadelphia, Atlanta, Austin, Miami, Los Angeles, Chicago

8131 Metcalf Ave
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER
REGISTERED ARCHITECT
05/20/21

LOCATION
LEE'S SUMMIT, MO #2

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935
HyVee EMPLOYEE OWNED

NORTH

ENLARGED PLAN & ELEVATIONS - DELICATESSAN

PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
AP	3/19/2021
SCALE:	JOB NUMBER:
As indicated	62930547

SHEET:
A3.4

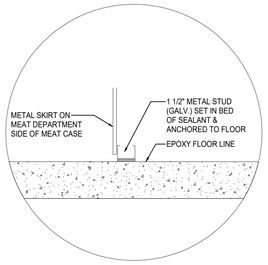
GENERAL NOTES

SEE SHEET A2.2 FOR FINISH SCHEDULES

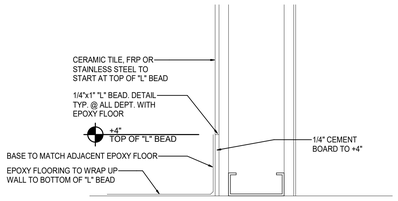
PROVIDE SCHLUTER RANDEL SATIN ANODIZED ALUMINUM RO-80A TRIM ON ALL OUTSIDE TILE CORNERS

BASE AND FLOOR TILE

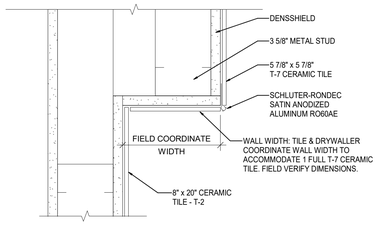
EXISTING QUARRY TILE TO REMAIN. PATCH AND REPAIR AS NECESSARY.



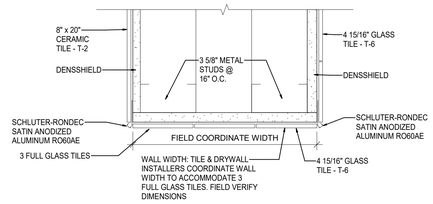
10 SERVICE MEAT CASE BASE DETAIL
SCALE: 3/8" = 1'-0"



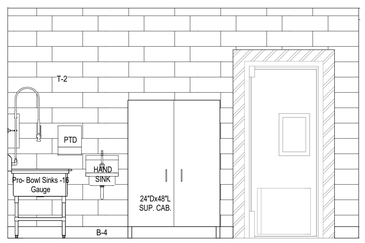
9 SEAFOOD EPOXY BASE DETAIL
SCALE: 3" = 1'-0" ACCENT WALL ONLY



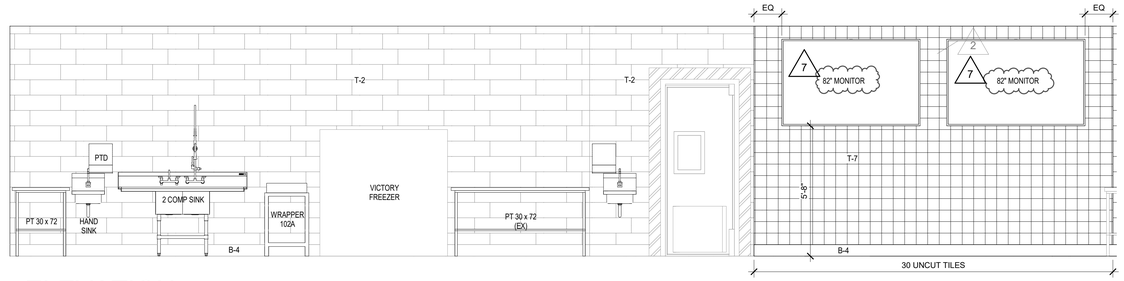
8 MEAT CERAMIC/GYP. BD. CORNER DETAIL
SCALE: 3" = 1'-0"



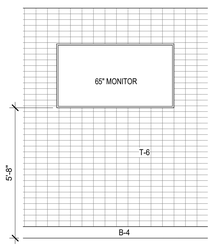
7 SEAFOOD GLASS/CERAMIC/ GYP. BD. END WALL DETAIL
SCALE: 3" = 1'-0"



6 ELEVATION
SCALE: 3/8" = 1'-0"

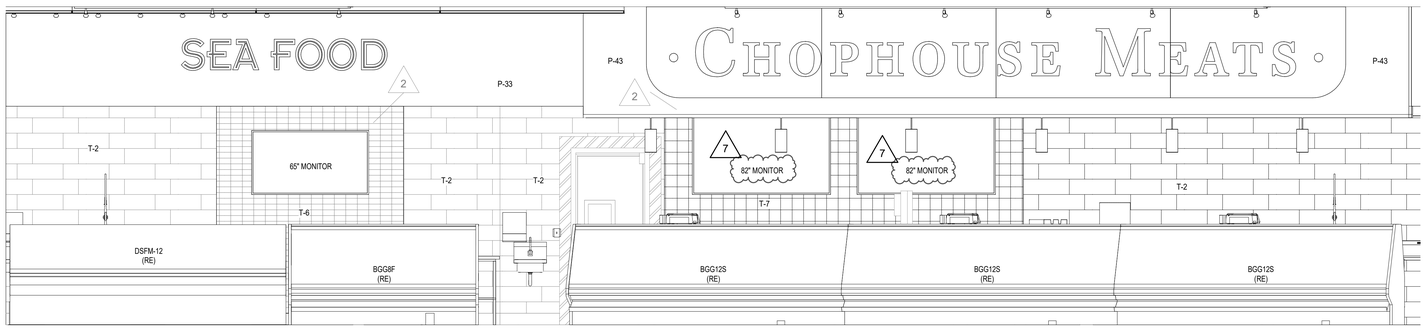


5 ELEVATION
SCALE: 3/8" = 1'-0"

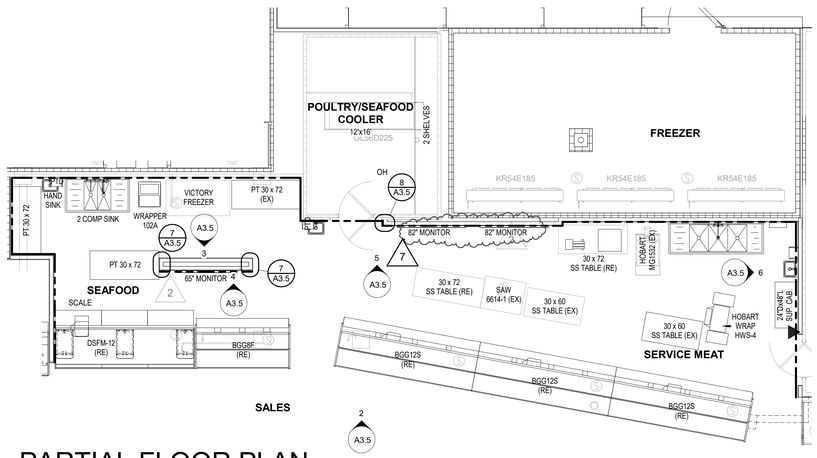


4 ELEVATION
SCALE: 3/8" = 1'-0"

3 ELEVATION
SCALE: 3/8" = 1'-0"



2 ELEVATION
SCALE: 3/8" = 1'-0"



1 PARTIAL FLOOR PLAN - MEAT/SEAFOOD
SCALE: 3/16" = 1'-0"

DENOTES WALLS THAT ARE TO RECEIVE CERAMIC WALL TILE

REVISION		DATE BY
2	ASI #2	01/08/21
5	ASI #5	03/19/21
7	ASI #8	05/19/21

brr

Architect of Record:
BRR Architecture, Inc

Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Boise
Miami
Los Angeles
Chicago

8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER A-007528
REGISTERED ARCHITECT

Richard A. Majors, Jr.
Architect
Missouri License No. A-007528
05/20/21

LOCATION
LEE'S SUMMIT, MO #2

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2955

Hy-Vee® EMPLOYEE OWNED

NORTH

ENLARGED PLAN & ELEVATIONS - MEAT/SEAFOOD

PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
AP	3/19/2021
SCALE:	JOB NUMBER
As indicated	62930547

SHEET:

A3.5

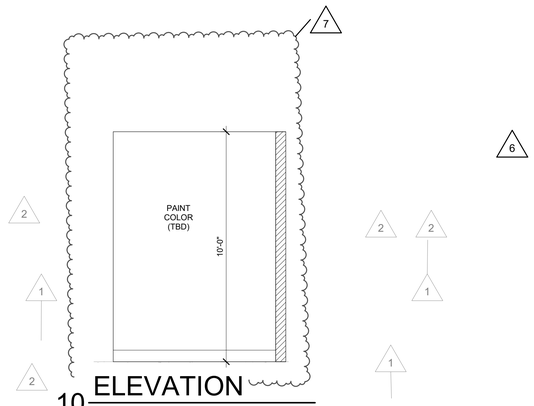
5/20/2021 11:03:08 AM

GENERAL NOTES

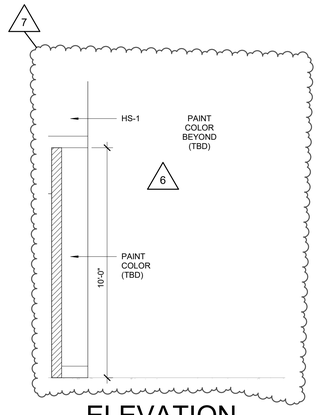
SEE SHEET A2.2 FOR FINISH SCHEDULES

MILLWORK CABINETS PROVIDED BY HY-VEE

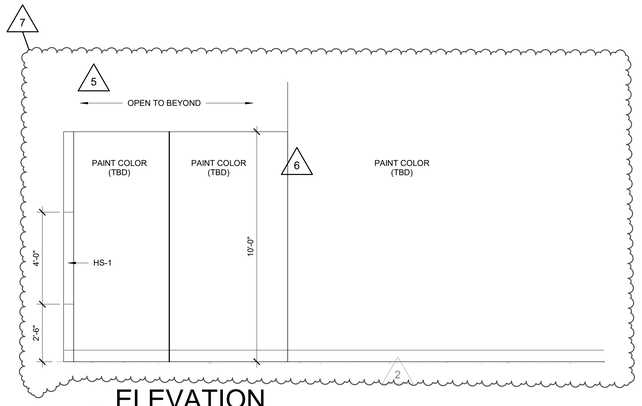
ALL OFFICE AREAS, PAINT UNDERCOUNTER BRACKETS TO MATCH WALL FINISH



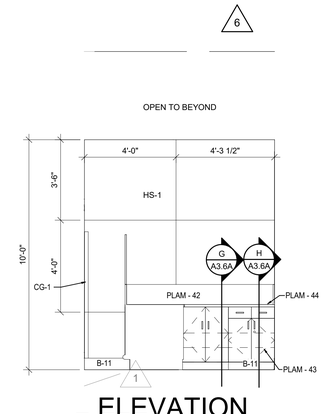
10 ELEVATION
SCALE: 3/8" = 1'-0"



9 ELEVATION
SCALE: 3/8" = 1'-0"

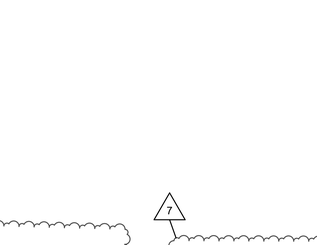


8 ELEVATION
SCALE: 3/8" = 1'-0"

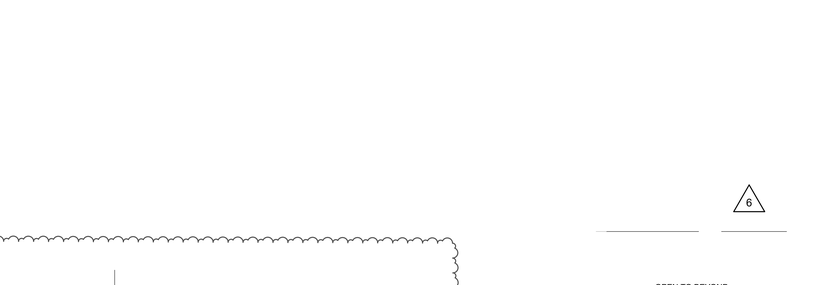


7 ELEVATION
SCALE: 3/8" = 1'-0"

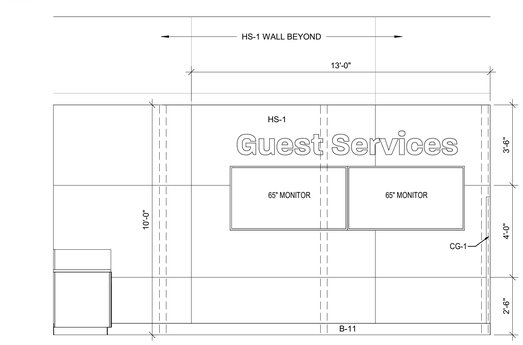
6 ELEVATION
SCALE: 3/8" = 1'-0"



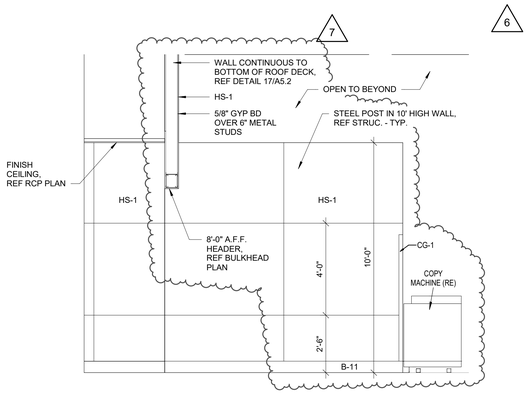
5 ELEVATION
SCALE: 3/8" = 1'-0"



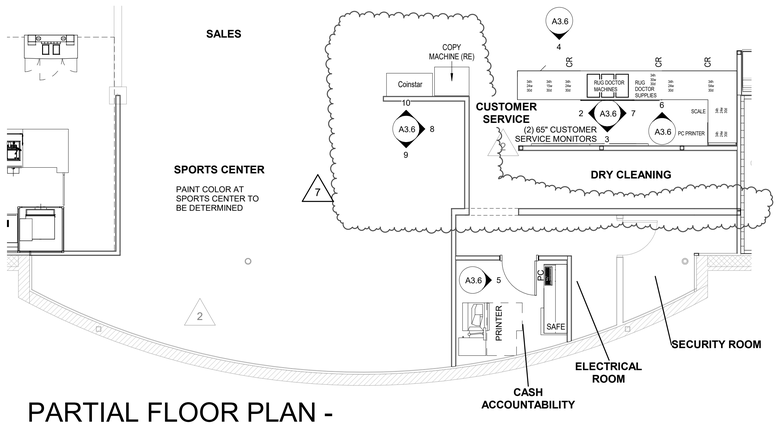
4 ELEVATION
SCALE: 3/8" = 1'-0"



3 ELEVATION
SCALE: 3/8" = 1'-0"



2 ELEVATION
SCALE: 3/8" = 1'-0"



1 PARTIAL FLOOR PLAN - CUSTOMER SERVICE
SCALE: 3/16" = 1'-0"

REVISION		DATE BY
1	ASI #1	11/12/20
2	ASI #2	01/08/21
5	ASI #5	03/19/21
6	ASI #7	04/16/21
7	ASI #8	05/19/21

brr

Architect of Record:
BRR Architecture, Inc

Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Boise
Miami
Los Angeles
Chicago

8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER A-2003128
REGISTERED ARCHITECT

Richard A. Majors, Jr.
Architect
Missouri License No. A-2003128

LOCATION
LEE'S SUMMIT, MO #2

HY-VEE INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee® EMPLOYEE OWNED

NORTH

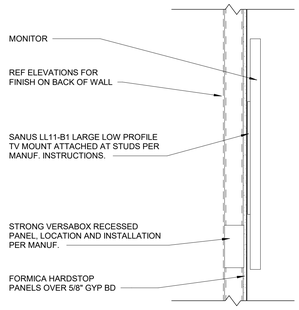
ENLARGED PLAN & ELEVATIONS - CUSTOMER & MONEY SERVICE

PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
AP	3/19/2021
SCALE:	JOB NUMBER:
As indicated	62930547

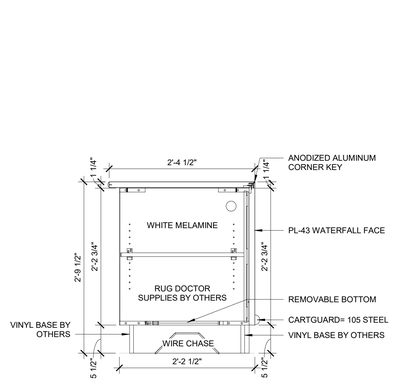
SHEET:

A3.6

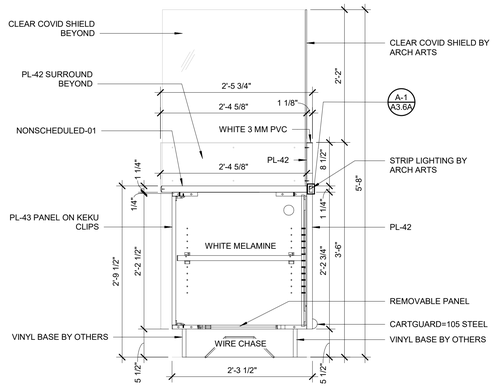
5/19/2021 2:55:48 PM



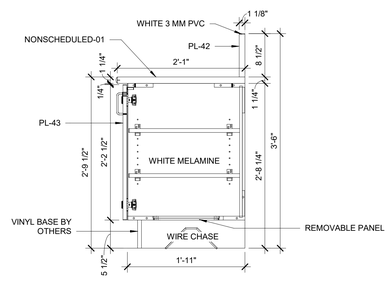
13 TV MOUNT DETAIL
SCALE: 1" = 1'-0"



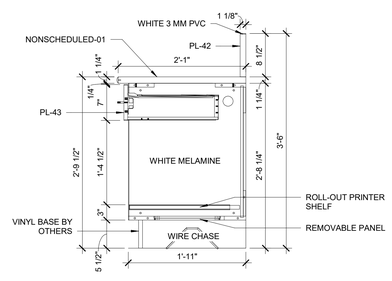
E SECTION E
SCALE: 1" = 1'-0"



F SECTION F
SCALE: 1" = 1'-0"

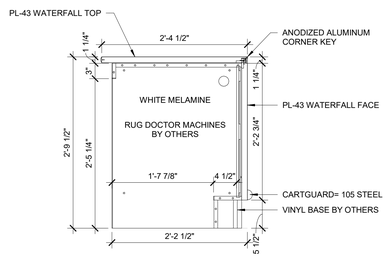


G SECTION G
SCALE: 1" = 1'-0"

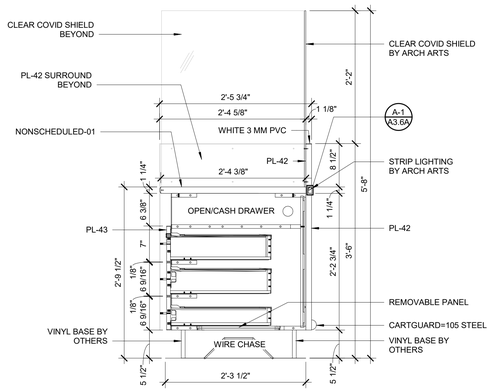


H SECTION H
SCALE: 1" = 1'-0"

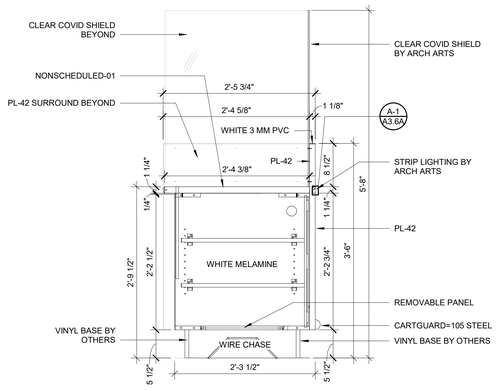
A-1 SECTION A-1
SCALE: 12" = 1'-0"



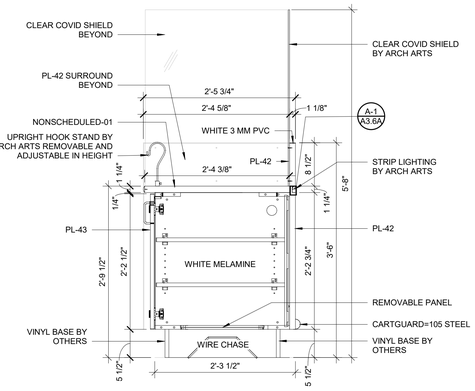
D SECTION D
SCALE: 1" = 1'-0"



C SECTION C
SCALE: 1" = 1'-0"



B SECTION B
SCALE: 1" = 1'-0"



A SECTION A
SCALE: 1" = 1'-0"

REVISION		DATE BY
7	ASI #8	05/19/21

brr
Architect of Record:
David Richard Schukai
BRR Architecture, Inc
Kansas City · 8131 Metcalf Avenue
Bentonville · Suite 300
Phoenix · Overland Park, KS 66204
San Francisco
Philadelphia ·
Atlanta · Tel: 913-262-9095
Austin · Fax: 913-262-9044
Miami
Los Angeles
Chicago

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER A-007181
REGISTERED ARCHITECT

David Richard Schukai
Architect
Missouri Licence No. A-007181

LOCATION
LEE'S SUMMIT, MO #2

HY-VEE INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee® EMPLOYEE OWNED

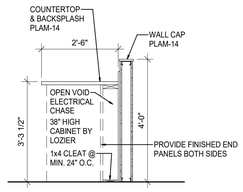
NORTH

7 GUEST SERVICES DETAILS

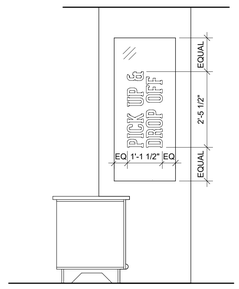
PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
AP	3/19/2021
SCALE:	JOB NUMBER:
As indicated	62930547

SHEET:
A3.6A

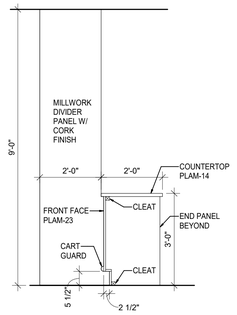
5/19/2021 2:55:50 PM



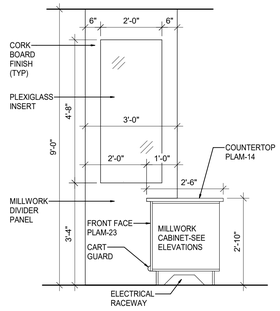
14 FILL COUNTER SECTION
SCALE: 1/2" = 1'-0"



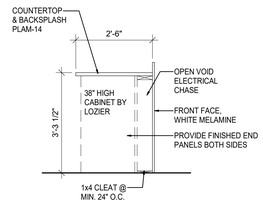
13 FRONT COUNTER SECTION
SCALE: 1/2" = 1'-0"



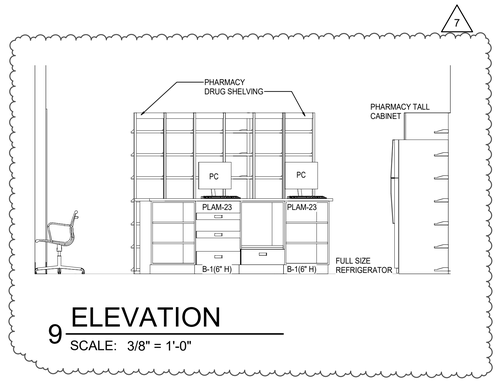
12 FRONT COUNTER SECTION
SCALE: 1/2" = 1'-0"



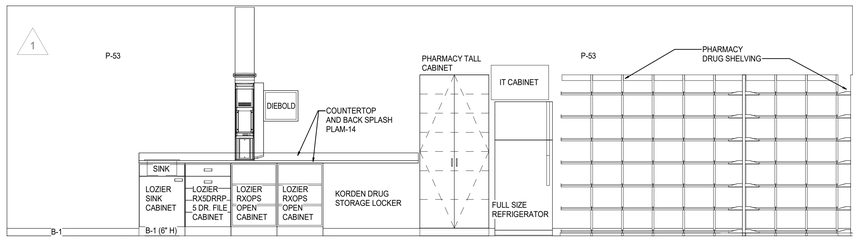
11 FRONT COUNTER SECTION
SCALE: 1/2" = 1'-0"



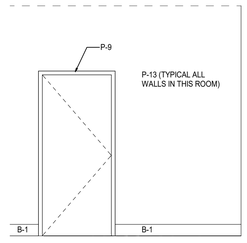
10 FILL COUNTER SECTION
SCALE: 1/2" = 1'-0"



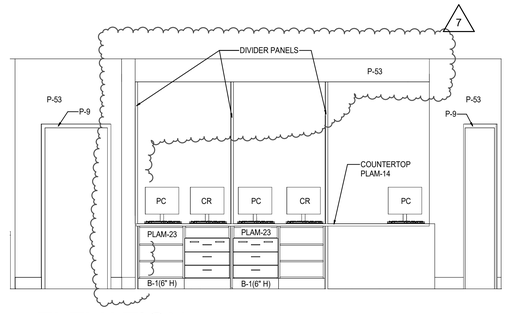
9 ELEVATION
SCALE: 3/8" = 1'-0"



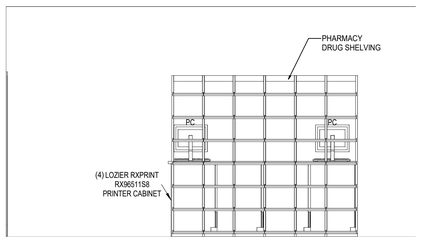
8 ELEVATION
SCALE: 3/8" = 1'-0"



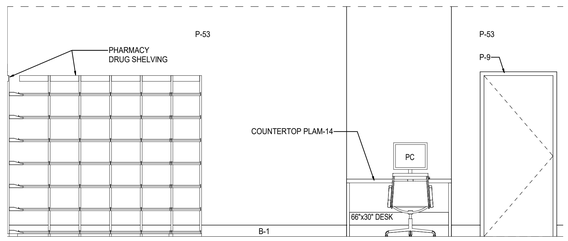
7 ELEVATION
SCALE: 3/8" = 1'-0"



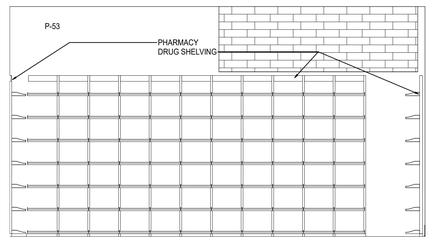
6 ELEVATION
SCALE: 3/8" = 1'-0"



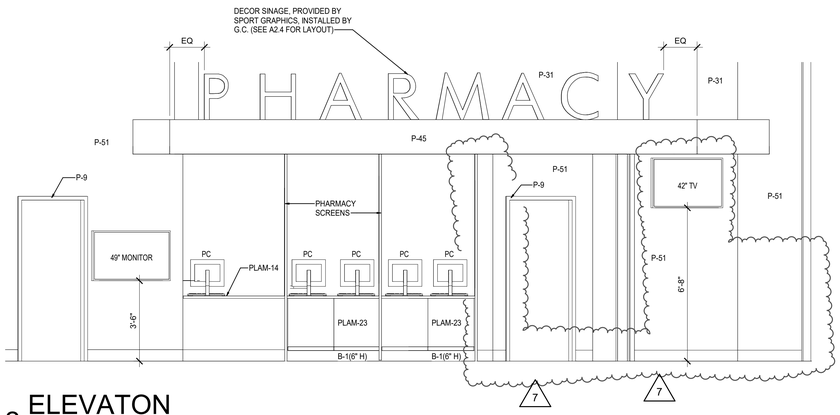
5 ELEVATION
SCALE: 3/8" = 1'-0"



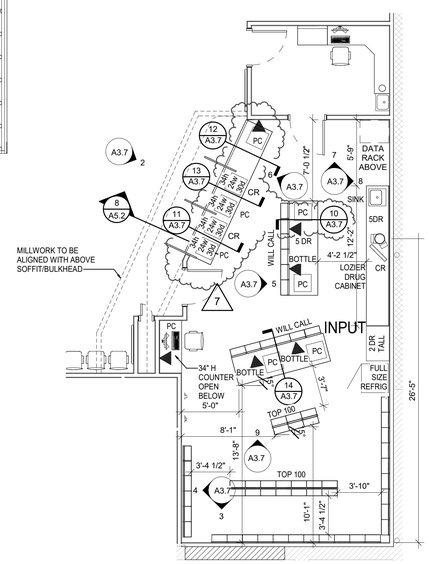
4 ELEVATION
SCALE: 3/8" = 1'-0"



3 ELEVATION
SCALE: 3/8" = 1'-0"



2 ELEVATON
SCALE: 3/8" = 1'-0"



1 PARTIAL FLOOR PLAN - PHARMACY
SCALE: 3/16" = 1'-0"

GENERAL NOTES

FOR FINISH SCHEDULE SEE SHEET A2.2.

5/20/2021 11:20:59 AM

REVISION		DATE BY
1	ASI #1	11/12/20
7	ASI #8	05/19/21

brr

Architect of Record:
BRR Architecture, Inc

Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Boston
Miami
Los Angeles
Chicago

8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER A-007528
REGISTERED ARCHITECT

Richard A. Majors, Jr.
Architect
Missouri License No. A-007528
(05/20/21)

LOCATION
LEE'S SUMMIT, MO #2

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

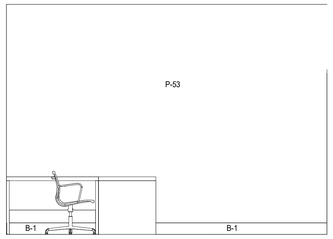
Hy-Vee® EMPLOYEE OWNED

NORTH

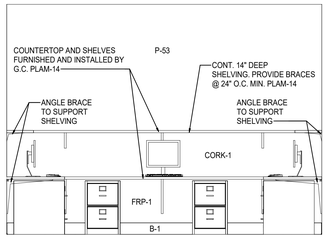
ENLARGED PLAN & ELEVATIONS - PHARMACY

PROJECT MANAGER	CHECKED BY:
SB	Approver
DRAWN BY:	DATE:
JR	3/19/2021
SCALE:	JOB NUMBER:
As indicated	62930547

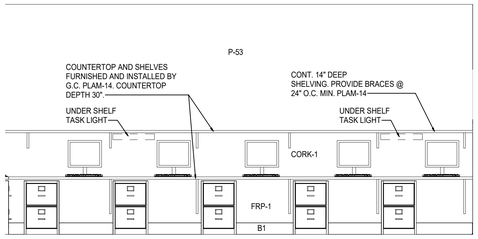
SHEET:
A3.7



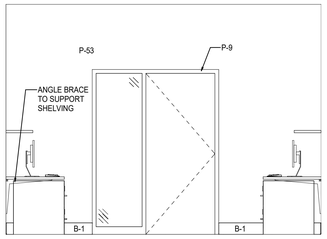
17 ELEVATION
SCALE: 3/8" = 1'-0"



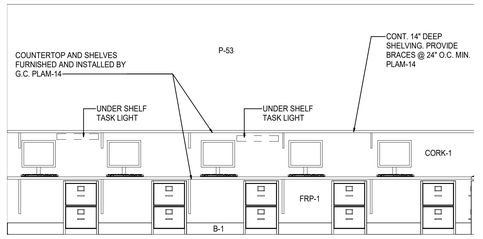
18 ELEVATION
SCALE: 3/8" = 1'-0"



19 ELEVATION
SCALE: 3/8" = 1'-0"



20 ELEVATION
SCALE: 3/8" = 1'-0"



21 ELEVATION
SCALE: 3/8" = 1'-0"

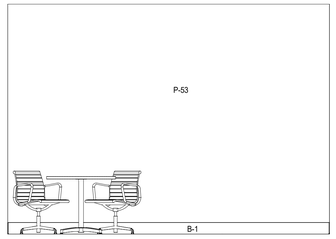
GENERAL NOTES

SEE SHEET A2.2 FOR FINISH SCHEDULES

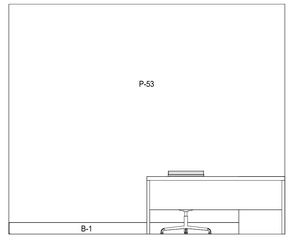
FOR OFFICES AND STORAGE ROOMS NOT ELEVATED, PAINT WALLS P-16, BASE B1 AND HOLLOW METAL FRAMES P-9

FOR HALLWAYS NOT ELEVATED, PAINT WALLS P-12, BASE B1 AND HOLLOW METAL FRAMES P-9

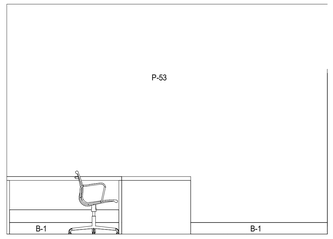
AT ALL OFFICE AREAS, PAINT UNDERCOUNTER BRACKETS TO MATCH WALL FINISH



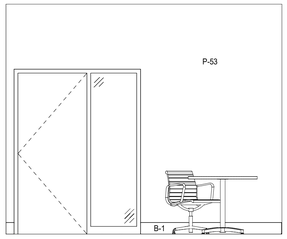
11 ELEVATION
SCALE: 3/8" = 1'-0"



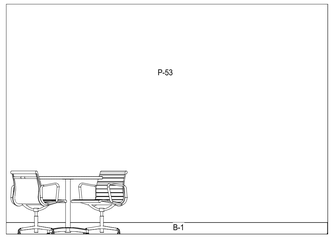
12 ELEVATION
SCALE: 3/8" = 1'-0"



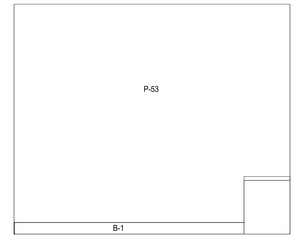
13 ELEVATION
SCALE: 3/8" = 1'-0"



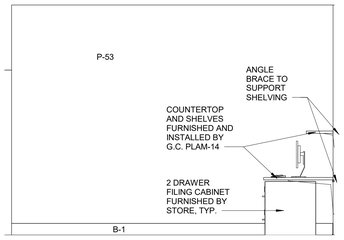
14 ELEVATION
SCALE: 3/8" = 1'-0"



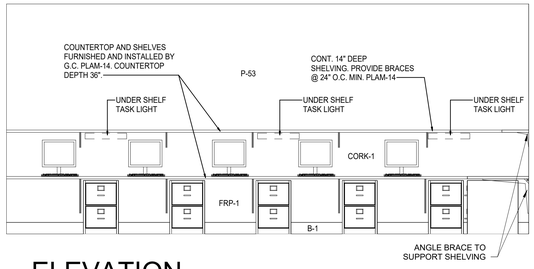
15 ELEVATION
SCALE: 3/8" = 1'-0"



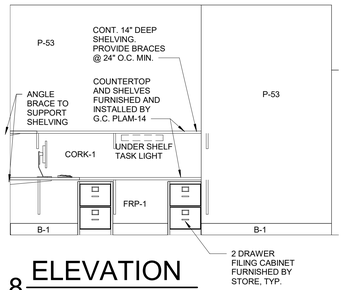
16 ELEVATION
SCALE: 3/8" = 1'-0"



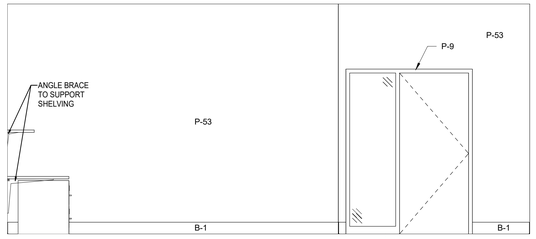
6 ELEVATION
SCALE: 3/8" = 1'-0"



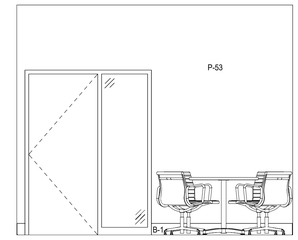
7 ELEVATION
SCALE: 3/8" = 1'-0"



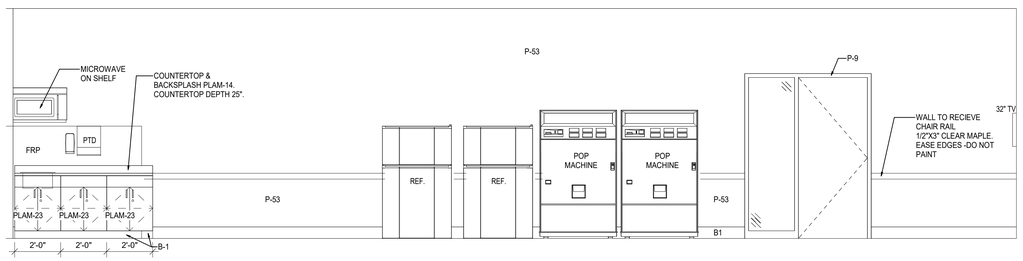
8 ELEVATION
SCALE: 3/8" = 1'-0"



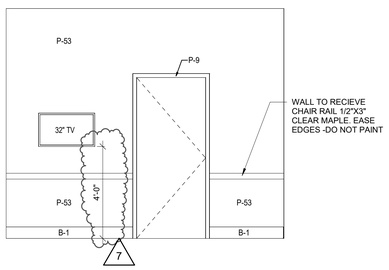
9 ELEVATION
SCALE: 3/8" = 1'-0"



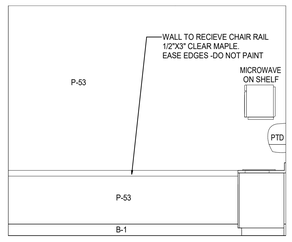
10 ELEVATION
SCALE: 3/8" = 1'-0"



4 ELEVATION
SCALE: 3/8" = 1'-0"

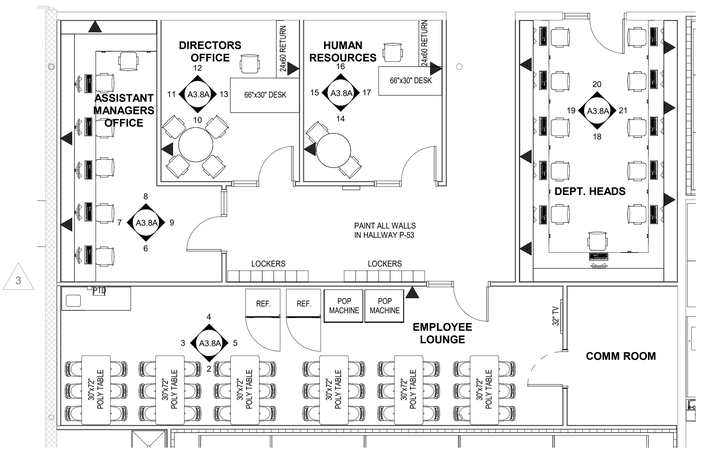


5 ELEVATION
SCALE: 3/8" = 1'-0"



3 ELEVATION
SCALE: 3/8" = 1'-0"

2 ELEVATION
SCALE: 3/8" = 1'-0"



1 OFFICES
SCALE: 3/16" = 1'-0"

REVISION		DATE BY
3	ASI #3	01/26/21
7	ASI #8	05/19/21

brr

Architect of Record:
BRR Architecture, Inc

Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Austin
Miami
Los Angeles
Chicago

8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER A-007528
REGISTERED ARCHITECT

Richard A. Majors, Jr.
Architect
Missouri License No. A-007528
05/20/21

LOCATION:
LEE'S SUMMIT, MO #2

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee® EMPLOYEE OWNED

NORTH

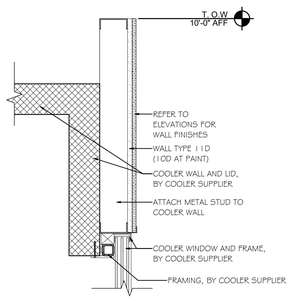
ENLARGED PLAN & ELEVATIONS - MISC. OFFICES

PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
AP	3/19/2021
SCALE:	JOB NUMBER:
As indicated	62930547

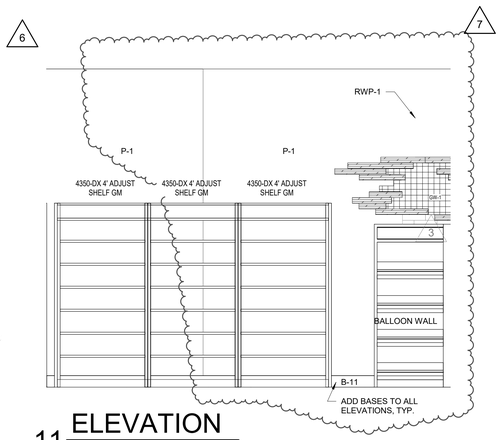
SHEET:

A3.8A

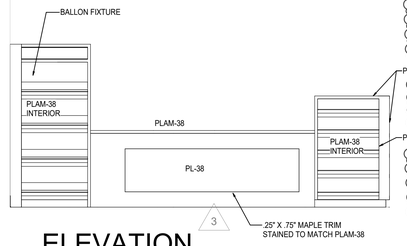
5/19/2021 2:56:07 PM



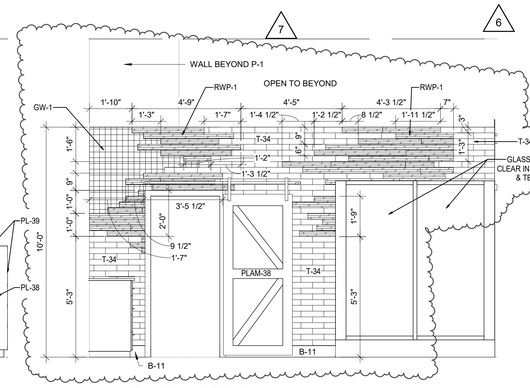
12 FLORAL SECTION
SCALE: 1 1/2" = 1'-0"



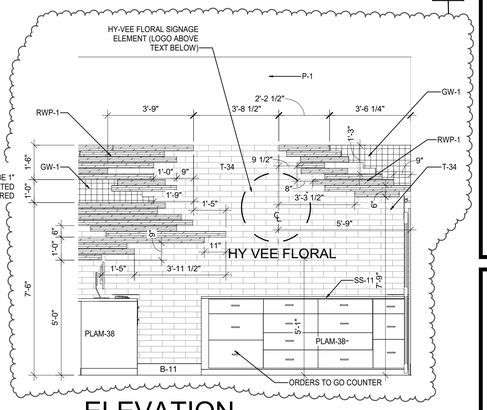
11 ELEVATION
SCALE: 3/8" = 1'-0"



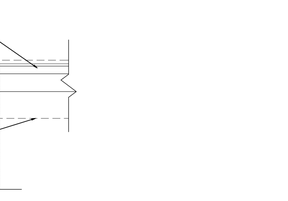
10 ELEVATION
SCALE: 3/8" = 1'-0"



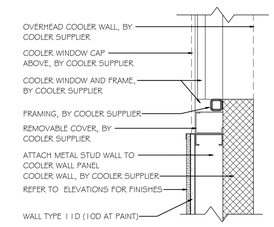
9 ELEVATION
SCALE: 3/8" = 1'-0"



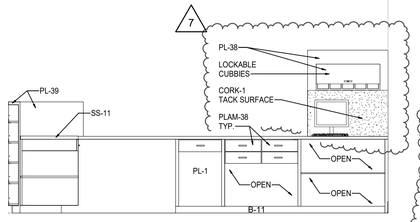
8 ELEVATION
SCALE: 3/8" = 1'-0"



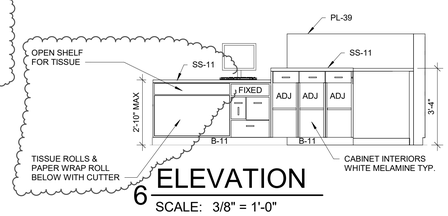
14 DISPLAY COOLER PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



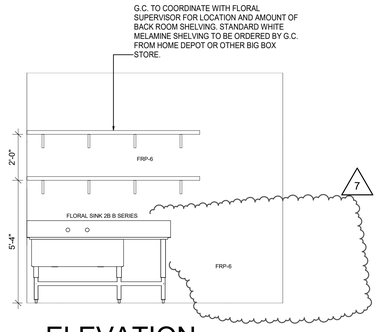
13 DISPLAY COOLER PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



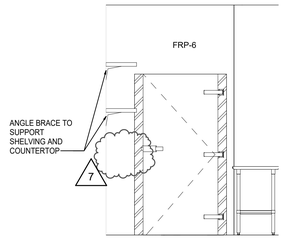
7 ELEVATION
SCALE: 3/8" = 1'-0"



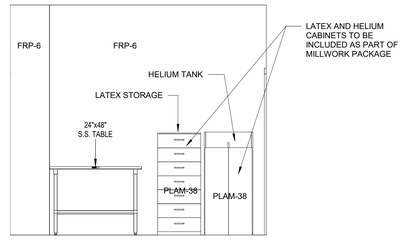
6 ELEVATION
SCALE: 3/8" = 1'-0"



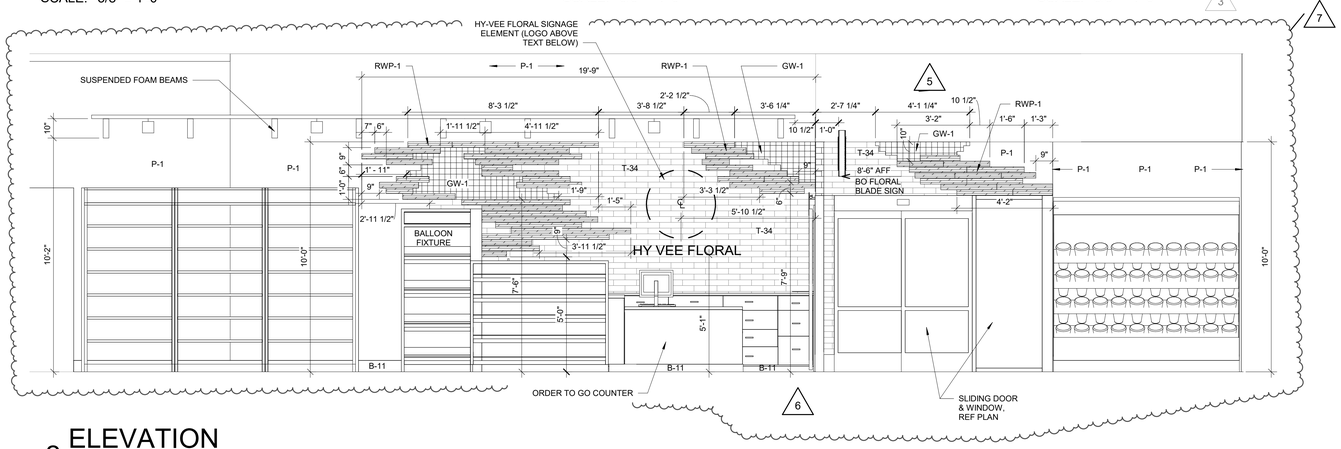
5 ELEVATION
SCALE: 3/8" = 1'-0"



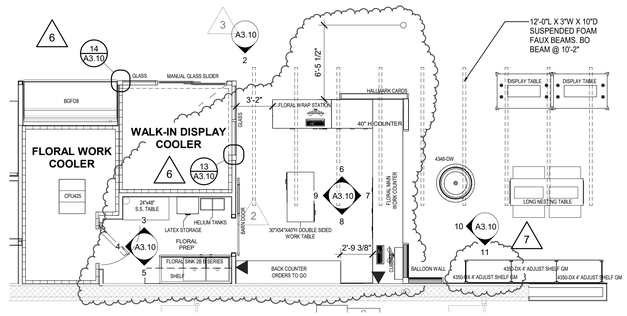
4 ELEVATION
SCALE: 3/8" = 1'-0"



3 ELEVATION
SCALE: 3/8" = 1'-0"



2 ELEVATION
SCALE: 3/8" = 1'-0"



1 PARTIAL FLOOR PLAN - FLORAL
SCALE: 3/16" = 1'-0"

GENERAL NOTES

FOR FINISH SCHEDULE SEE SHEET A2.2.

REVISION		DATE BY
2	ASI #2	01/08/21
3	ASI #3	01/26/21
5	ASI #5	03/19/21
6	ASI #7	04/16/21
7	ASI #8	05/19/21

brr

Architect of Record:
BRR Architecture, Inc

Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Boston
Miami
Los Angeles
Chicago

8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER A-007528
REGISTERED ARCHITECT

Richard A. Majors, Jr. 5/20/21
Architect
Missouri License No. A-007528

LOCATION
LEE'S SUMMIT, MO #2

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

hyvee® EMPLOYEE OWNED

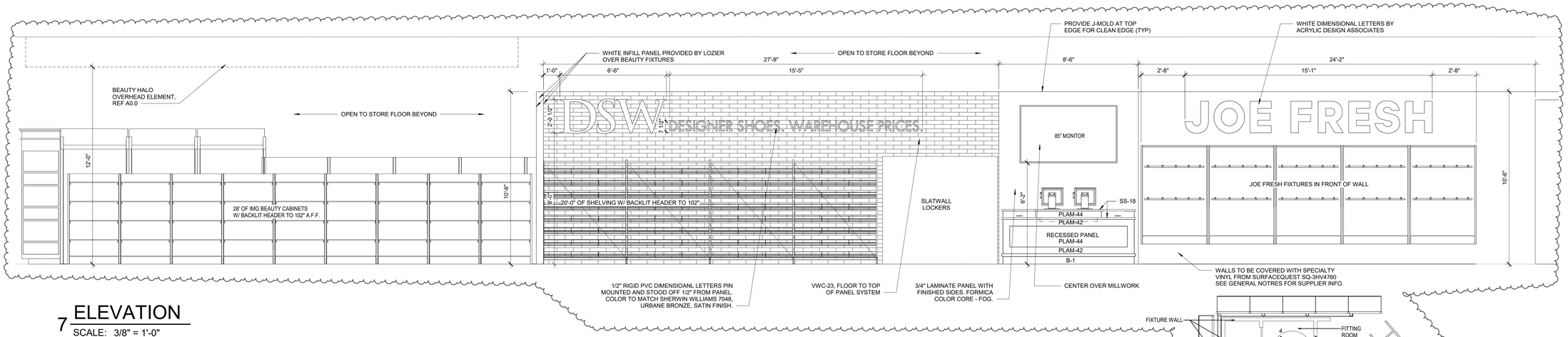
NORTH

ENLARGED PLAN & ELEVATIONS - FLORAL

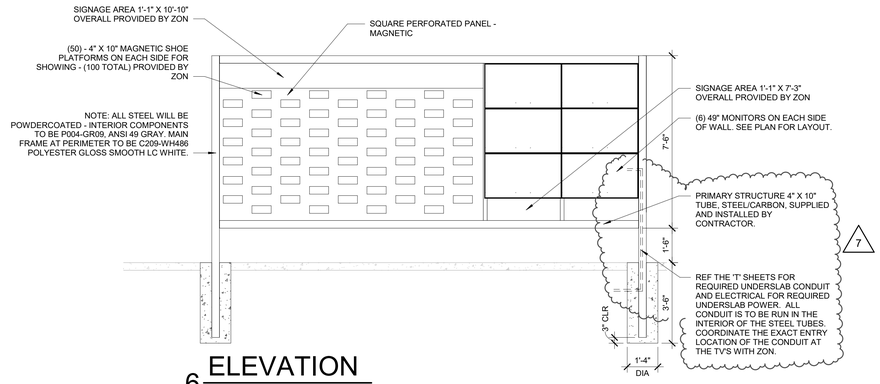
PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
AO	3/19/2021
SCALE:	JOB NUMBER:
As indicated	62930547

SHEET:
A3.10

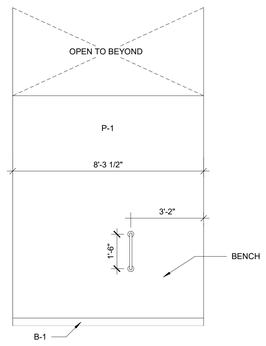
5/19/2021 2:56:15 PM



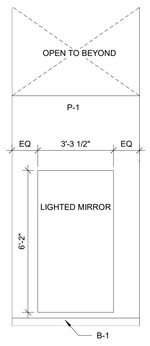
7 ELEVATION
SCALE: 3/8" = 1'-0"



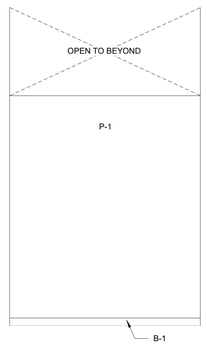
6 ELEVATION
SCALE: 3/8" = 1'-0"



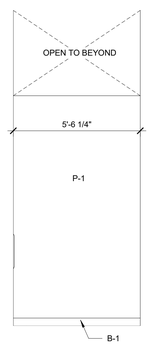
5 ELEVATION
SCALE: 3/8" = 1'-0"



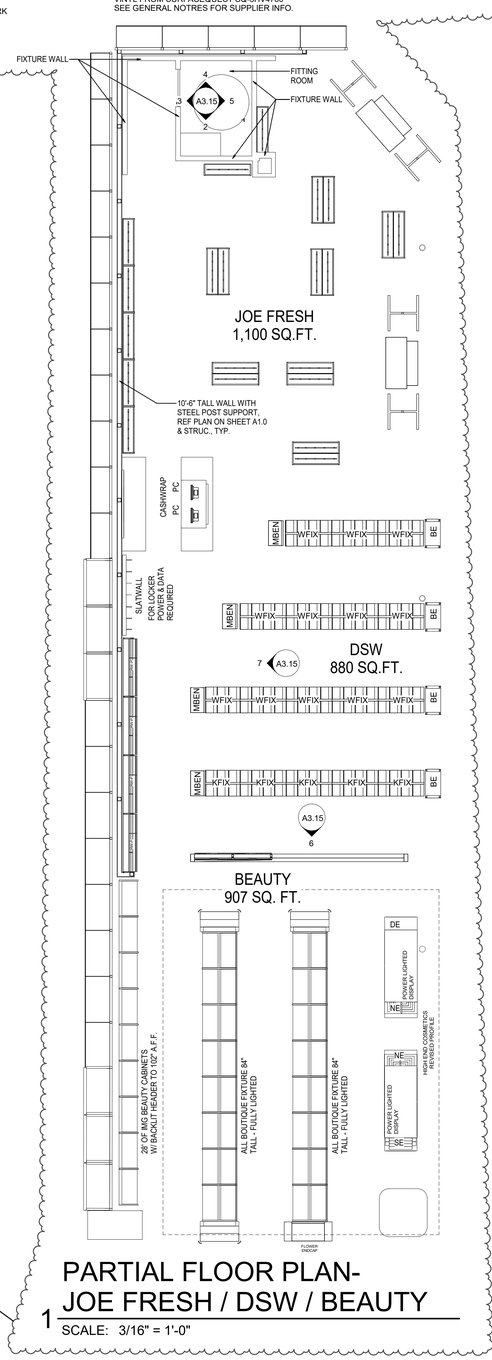
4 ELEVATION
SCALE: 3/8" = 1'-0"



3 ELEVATION
SCALE: 3/8" = 1'-0"



2 ELEVATION
SCALE: 3/8" = 1'-0"



7
1 PARTIAL FLOOR PLAN- JOE FRESH / DSW / BEAUTY
SCALE: 3/16" = 1'-0"

REVISION		DATE BY
2	ASI #2	01/08/21
3	ASI #3	01/26/21
7	ASI #8	05/19/21

brr
Architect of Record:
BRR Architecture, Inc
Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Boston
Miami
Los Angeles
Chicago
8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204
Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL
STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER A-007528
REGISTERED ARCHITECT
Richard A. Majors, Jr. 5/20/21
Architect
Missouri License No. A-007528

LOCATION
LEE'S SUMMIT, MO #2

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2930

Hy-Vee® EMPLOYEE OWNED

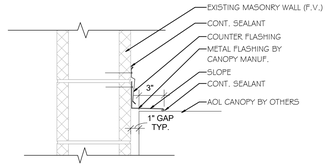
NORTH

ENLARGED PLAN & ELEVATIONS - JOE FRESH, DSW, & BEAUTY

PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
AP	3/19/2021
SCALE:	JOB NUMBER:
As indicated	62930547

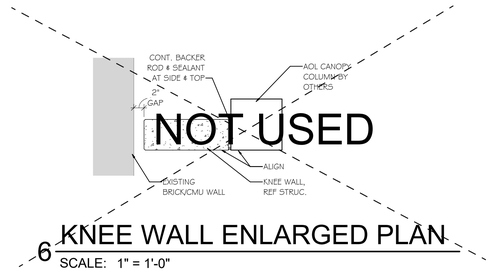
SHEET:
A3.15
2

5/20/2021 1:25:29 PM



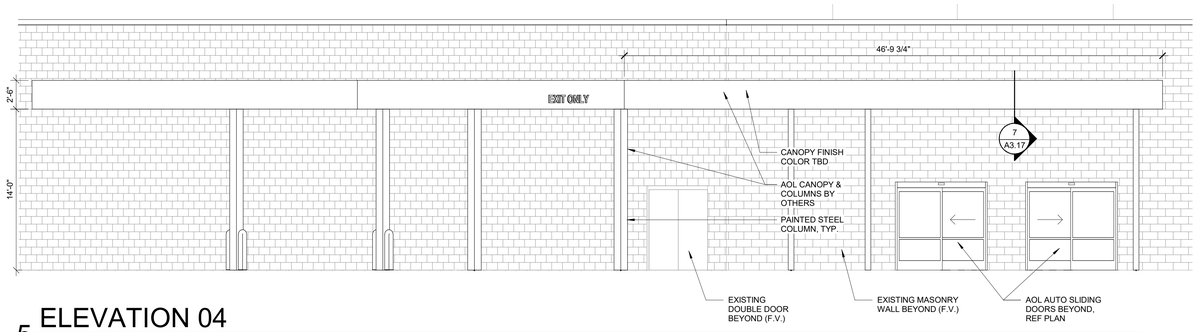
7 DETAIL

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



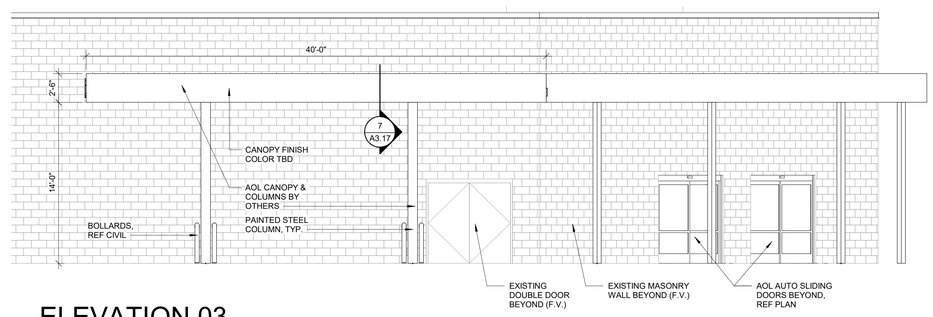
6 KNEE WALL ENLARGED PLAN

SCALE: 1" = 1'-0"



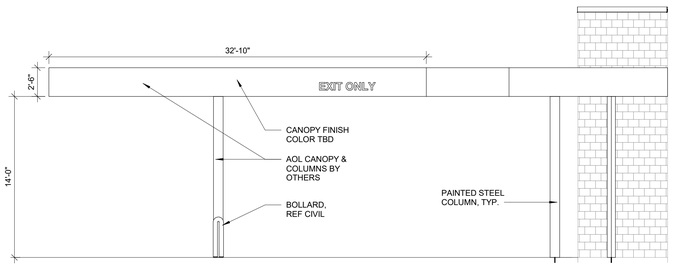
5 ELEVATION 04

SCALE: 3/16" = 1'-0"



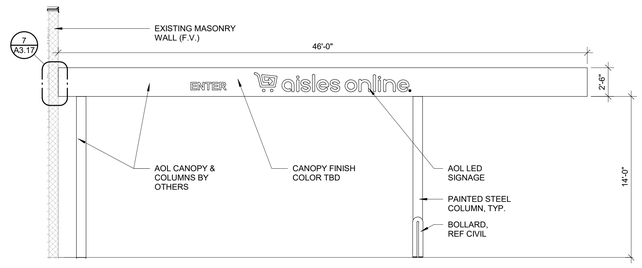
4 ELEVATION 03

SCALE: 3/16" = 1'-0"



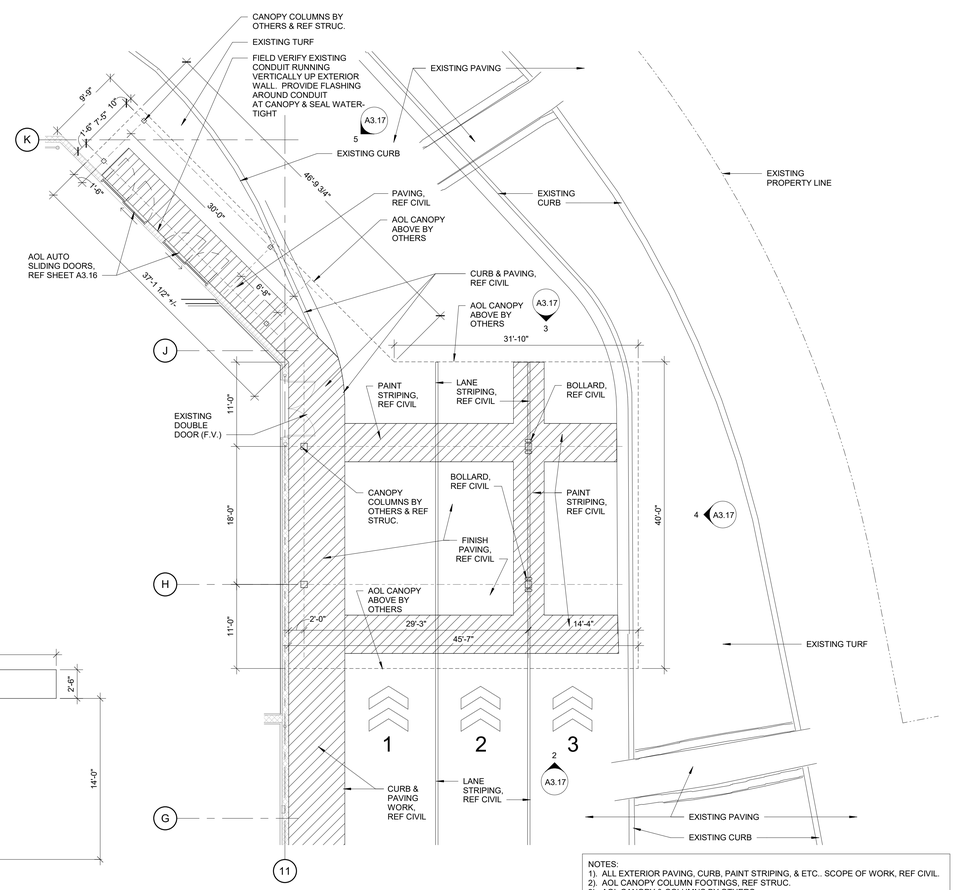
3 ELEVATION 02

SCALE: 3/16" = 1'-0"



2 ELEVATION 01

SCALE: 3/16" = 1'-0"



NOTES:
1). ALL EXTERIOR PAVING, CURB, PAINT STRIPING, & ETC.. SCOPE OF WORK, REF CIVIL.
2). AOL CANOPY COLUMN FOOTINGS, REF STRUC.
3). AOL CANOPY & COLUMNS BY OTHERS.

1 AOL CANOPY PLAN

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

REVISION		DATE BY
7	ASI #8	05/19/21

brr

Architect of Record:
BRR Architecture, Inc

Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Austin
Naples
Los Angeles
Chicago

8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER A-007528
REGISTERED ARCHITECT

Richard A. Majors, Jr.
Architect 05/20/21
Missouri License No. A-007528

LOCATION
LEE'S SUMMIT, MO #2

HY-VEE INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee® EMPLOYEE OWNED

NORTH

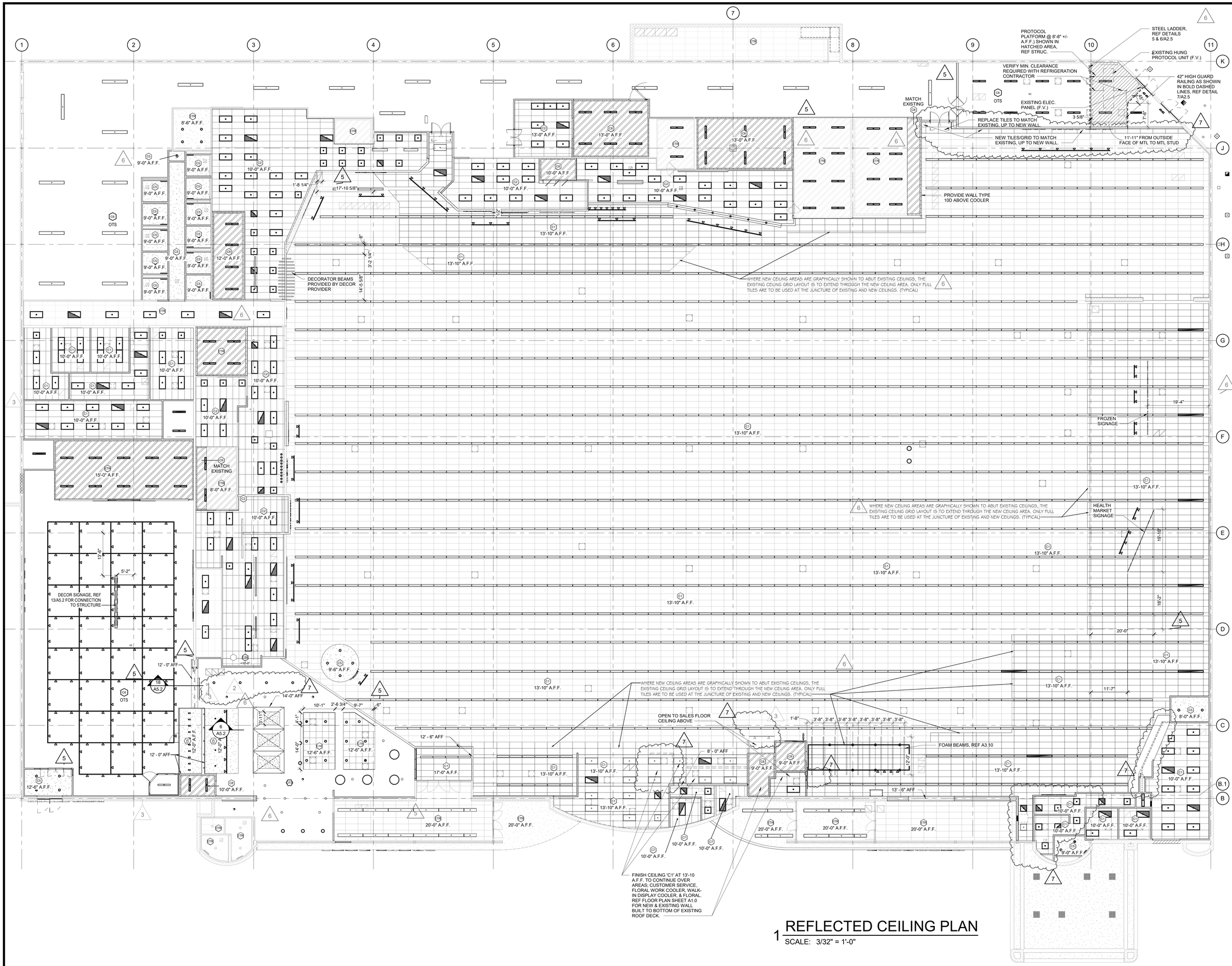
AOL CANOPY PLAN & ELEVATIONS

PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
DN	3/19/2021
SCALE:	JOB NUMBER:
As indicated	62930547

SHEET: A3.17

7

5/20/2021 1:47:01 PM



1 REFLECTED CEILING PLAN
SCALE: 3/32" = 1'-0"

REVISION		DATE BY
1	ASI #1	11/12/20
2	ASI #2	01/08/21
3	ASI #3	01/26/21
5	ASI #5	03/19/21
6	ASI #7	04/16/21
7	ASI #8	05/19/21

brr

Architect of Record:
BRR Architecture, Inc

Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Boston
Miami
Los Angeles
Chicago

8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER A-007528
REGISTERED ARCHITECT

Richard A. Majors, Jr. 5/20/21
Architect
Missouri License No. A-007528

LOCATION
LEE'S SUMMIT, MO #2

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2955

Hy-Vee® EMPLOYEE OWNED

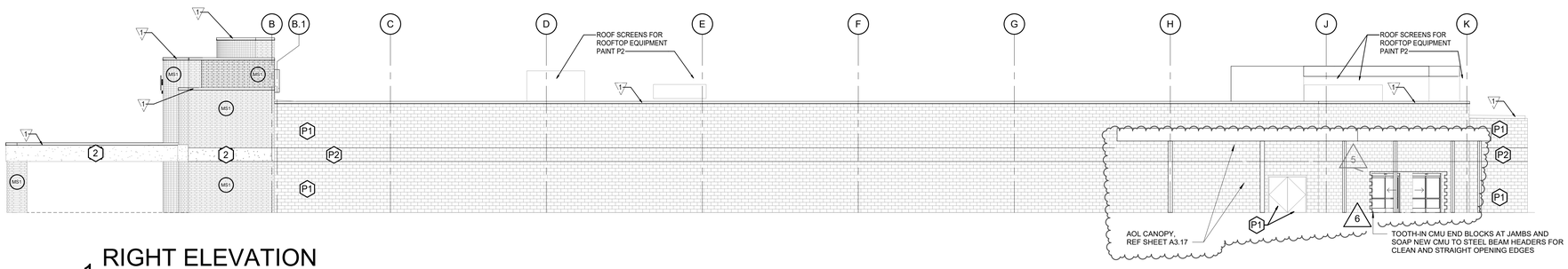
NORTH

REFLECTED CEILING PLAN

PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
AO	3/19/2021
SCALE:	JOB NUMBER
3/32" = 1'-0"	62930547

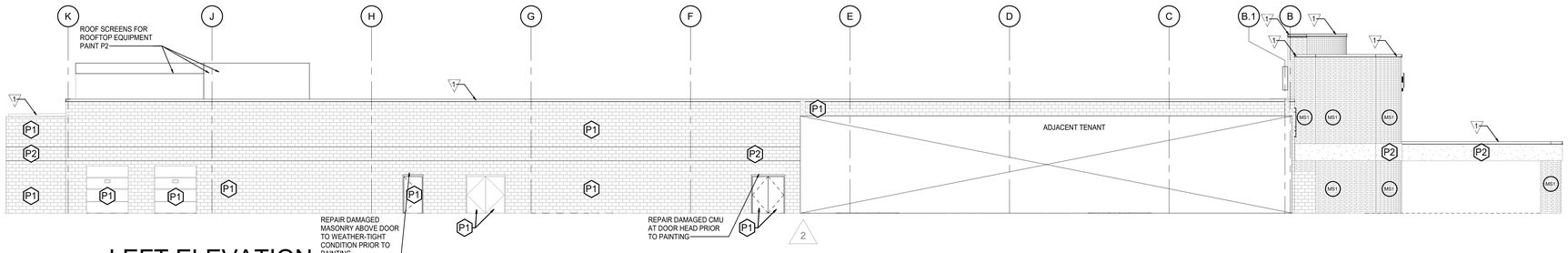
SHEET:
A5.1

5/20/2021 1:00:54 PM



1 RIGHT ELEVATION

SCALE: 3/32" = 1'-0"



2 LEFT ELEVATION

SCALE: 3/32" = 1'-0"

MASONRY STAIN COLORS:

MS1 COLOR TO MATCH KANSAS BRICK AND TILE #530 FLASH FACE SET

PAINT COLORS:

P1 MATCH S.W. #7526 "MAISON BLANCHE"

P2 MATCH S.W. #7527 "NANTUCKET DUNE"

P3 MATCH NEW BRICK COLOR - KANSAS BRICK AND TILE #530 FLASH FACE SET

P4 ALL EXISTING STOREFRONT MULLIONS ARE TO BE PAINTED TO MATCH "ANODIZED ALUMINUM" PER SPECS

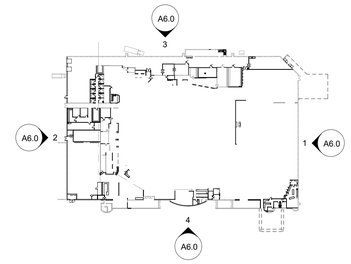
METAL FLASHINGS:

7 PREFINISHED METAL WALL CAP COLOR TO MATCH S.W. #7526 MAISON BLANCHE

EXTERIOR METAL ASSEMBLIES:

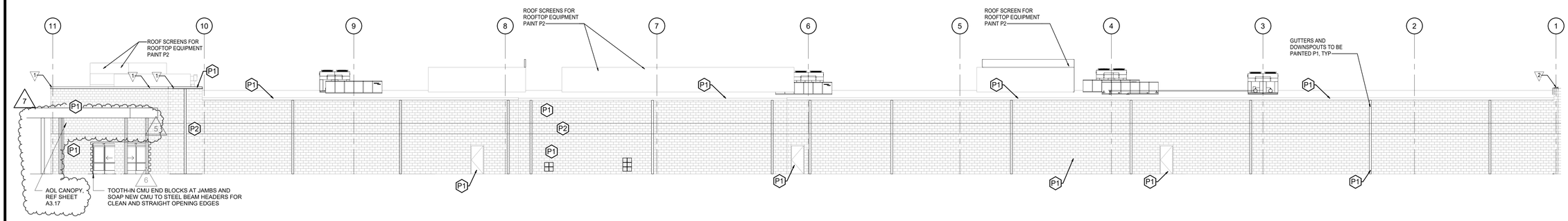
PAINT ALL EXTERIOR PIPE BOLLARDS TO MATCH MAIN BRICK COLOR - P3

TUCKPOINT EXISTING BRICK AS NEEDED. COORDINATE LOCATIONS WITH HY-VEE.



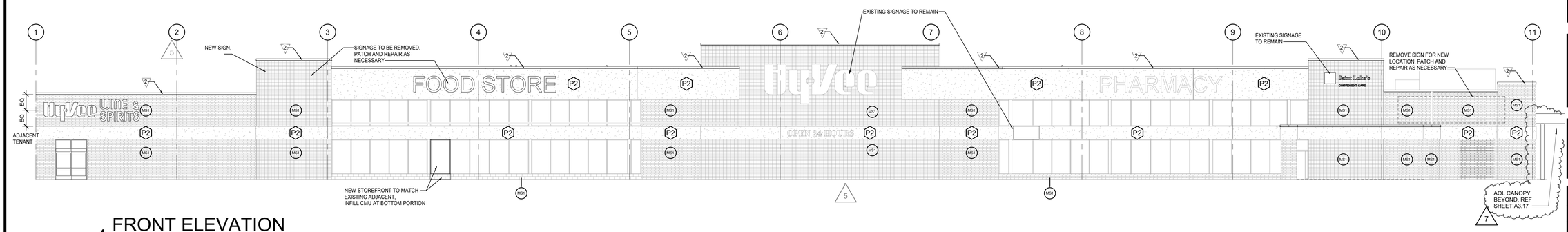
KEY PLAN

SCALE: N.T.S.



3 REAR ELEVATION

SCALE: 3/32" = 1'-0"



4 FRONT ELEVATION

SCALE: 3/32" = 1'-0"

REVISION		DATE BY
2	ASI #2	01/08/21
5	ASI #5	03/19/21
6	ASI #7	04/16/21
7	ASI #8	05/19/21

brr

Architect of Record:
BRR Architecture, Inc

Kansas City
Bentonville
Phoenix
San Francisco
Philadelphia
Atlanta
Boston
Miami
Los Angeles
Chicago

8131 Metcalf Avenue
Suite 300
Overland Park, KS 66204

Tel: 913-262-9095
Fax: 913-262-9044

PROFESSIONAL SEAL

STATE OF MISSOURI
RICHARD A. MAJORS, JR.
NUMBER A-007528
REGISTERED ARCHITECT

Richard A. Majors, Jr. 05/20/21
Architect
Missouri License No. A-007528

LOCATION
LEE'S SUMMIT, MO #2

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2955

hyVee® EMPLOYEE OWNED

NORTH

EXTERIOR ELEVATIONS

PROJECT MANAGER	CHECKED BY:
SB	JPS
DRAWN BY:	DATE:
SB	3/19/2021
SCALE:	JOB NUMBER:
As indicated	62930547

SHEET:

A6.0

5/20/2021 1:11:28 PM

REVISION		DATE BY
2	ASI #2	1/8/21
3	ASI #3	1/22/21
4	ASI #4	2/5/21
5	ASI #5	3/19/21
6	ASI #7	4/21/21
7	ASI #8	5/19/21

GS90
GS87
GS28
GS68
GS65
GS19
GS20
GS87
GS91
GS6
GS200
GS7
GS8
GS103

GENERAL SALES

Condition	Dept	General Description	Qty	Vendor	Manufacturer	Manf Model
	GS6	SELF CHECKOUT 3 BAGGER	8	NCR	NCR	3 BAG
NEW	GS7	DUAL SELF CHECK	4	KPI	KPI	
	GS8	MERCHANDISER, BEVERAGE	8	TRUE	TRUE	GDM30
	GS10	SAFE	1	AMERICAN SECURITY	AMERICAN SECURITY	
NEW	GS15	REFRIGERATOR	5	AHT	AHT	AC XL SLIM
	GS19	COOLER	6	TRUE	TRUE	GDM6
NEW	GS20	CASE	1	HUSSMANN	HUSSMANN	IM-05-ES-H
	GS23	SHELVING MERCHANDISER	2	LOZIER	LOZIER	CUSTOM
	GS28	CASE	2	HUSSMANN	HUSSMANN	IDISSU-12
	GS30	SHELVING 16" SINGLE	19	LOZIER SHELVING	LOZIER SHELVING	3 FOOT 66" HIGH
	GS31	SHELVING 16" DOUBLE	24	LOZIER SHELVING	LOZIER SHELVING	3 FOOT 66" HIGH
	GS40	SHELVING 19" SINGLE	55	LOZIER SHELVING	LOZIER SHELVING	4 FOOT 78" HIGH
NEW	GS42	SHELVING 19" SINGLE	1	LOZIER SHELVING	LOZIER SHELVING	3 FOOT 84" HIGH
	GS43	SHELVING 19" DOUBLE	3	LOZIER SHELVING	LOZIER SHELVING	3 FOOT 84" HIGH
	GS44	SHELVING 19" SINGLE	10	LOZIER SHELVING	LOZIER SHELVING	4 FOOT 84" HIGH
	GS45	SHELVING 19" DOUBLE	41	LOZIER SHELVING	LOZIER SHELVING	4 FOOT 84" HIGH
	GS46	SHELVING 22" SINGLE	13	LOZIER SHELVING	LOZIER SHELVING	3 FOOT 66" HIGH
	GS48	SHELVING 22" SINGLE	3	LOZIER SHELVING	LOZIER SHELVING	4 FOOT 66" HIGH
	GS50	SHELVING 22" SINGLE	1	LOZIER SHELVING	LOZIER SHELVING	3 FOOT 78" HIGH
	GS52	SHELVING 22" SINGLE	15	LOZIER SHELVING	LOZIER SHELVING	4 FOOT 78" HIGH
NEW	GS58	SHELVING 25" SINGLE	12	LOZIER SHELVING	LOZIER SHELVING	3 FOOT 66" HIGH
	GS60	SHELVING 25" SINGLE	13	LOZIER SHELVING	LOZIER SHELVING	4 FOOT 66" HIGH
	GS61	SHELVING 25" DOUBLE	28	LOZIER SHELVING	LOZIER SHELVING	4 FOOT 66" HIGH
	GS65	SHELVING 25" DOUBLE	239	LOZIER SHELVING	LOZIER SHELVING	4 FOOT 72" HIGH
	GS68	SHELVING 25" SINGLE	41	LOZIER SHELVING	LOZIER SHELVING	4 FOOT 78" HIGH
NEW	GS69	SHELVING 25" DOUBLE	1	LOZIER SHELVING	LOZIER SHELVING	4 FOOT 78" HIGH
	GS72	SHELVING 25" SINGLE	1	LOZIER SHELVING	LOZIER SHELVING	4 FOOT 84" HIGH
	GS74	REGISTER SIDE SHELF	8			
	GS75	COOLER SIDE SHELF	8			
	GS76	REGISTER ENDCAP	8			
RELOCATED	GS77	REDBOX KIOSK	1			
EXISTING	GS78	PALLET JACK	1			WP30035
NEW	GS80	PALLET RACK ADD ON	28			
NEW	GS81	RECYCLE BIN	1			
	GS82	ATM	2		NCR CORPORATION	SELF SERVE 6632
	GS87	CASE	7	HUSSMANN	HUSSMANN	IM-05-ES-R-EC10
	GS90	CASE	2		HUSSMANN	IM-05-I10-R-EC10
NEW	GS91	CASE	4	HUSSMANN	HUSSMANN	
NEW	GS103	CONVERTIBLE CHECKSTAND 54 INCH	2	KPI	KPI	
	GS106	STERILE CART	2	ULTRAGREEN	IZZA MANUFACTURING	5950000
RELOCATED	GS200	CHECKER, FRONT	6	KPI	KPI	
RELOCATED	GS201	DISPLAY	1			

EQUIPMENT PLAN GENERAL SALES

1 SCALE: 3/32" = 1'-0"

GENERAL SALES SCHEDULE PAGE 4

REFER TO EQUIPMENT BOOKLET FOR ADDITIONAL INFORMATION

LOCATION:
LEE'S SUMMIT #2 HY-VEE
LEE'S SUMMIT, MO

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2835

Hy-Vee® EMPLOYEE OWNED

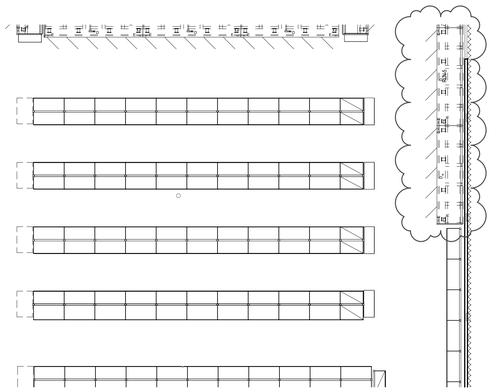
NORTH PLAN NORTH

EQUIPMENT PLAN

DRAWN:	DATE:
Author	MAY 2017
SCALE: 3/32" = 1'-0"	JOB NUMBER:

SHEET: EQ1.0

REVISION		DATE BY
4	ASI #4	2/5/21
5	ASI #5	3/19/21
6	ASI #7	4/21/21
7	ASI #8	5/19/21

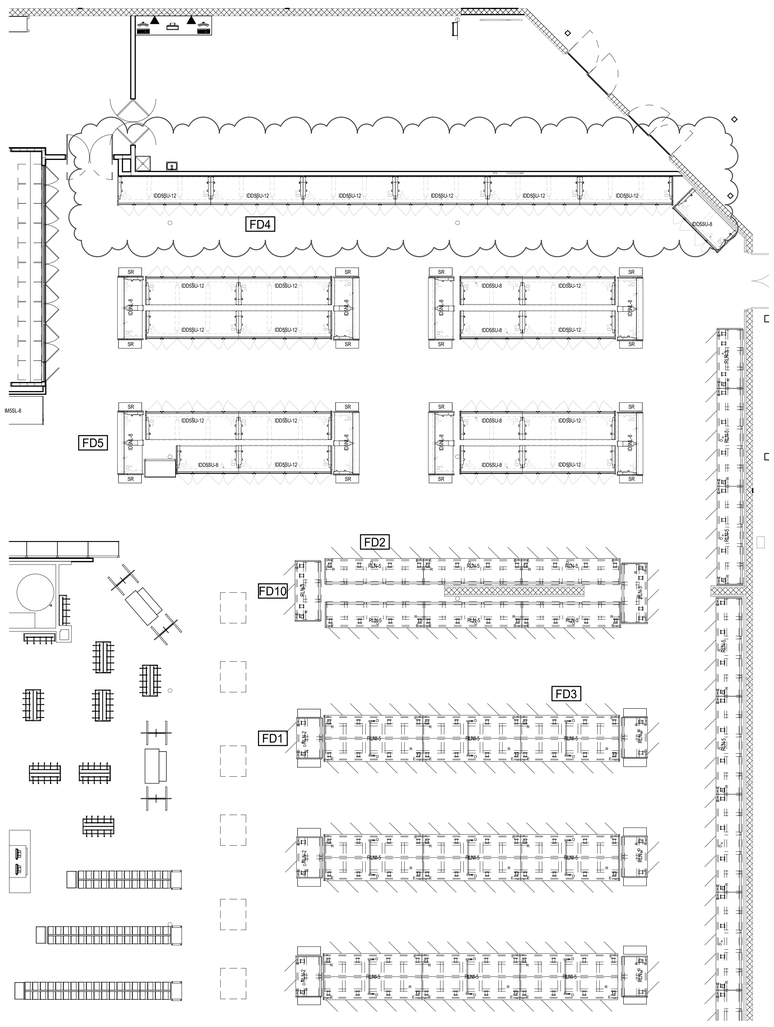


FROZEN/DAIRY

Condition	Dept	General Description	Qty	Vendor	Manufacturer	Manf Model
NEW	FD1	CASE	6	HUSSMANN	HUSSMANN	RLN-2
NEW	FD2	CASE	14	HUSSMANN	HUSSMANN	RLN-5
NEW	FD3	CASE	9	HUSSMANN	HUSSMANN	RLN-5
NEW	FD4	CASE	17	HUSSMANN	HUSSMANN	IDDSSU-12
NEW	FD5	CASE	8	HUSSMANN	HUSSMANN	IDSNL-8
NEW	FD7	CASE	6	HUSSMANN	HUSSMANN	IDDSSU-8
NEW	FD10	CASE	3	HUSSMANN	HUSSMANN	RLN-3
	FD13	MILK MOOVER	11	B-O-F CORP	B-O-F CORP	
	FD100	COOLER - DAIRY	1			
	FD101	COOLER DOORS - DAIRY	1			QUANTITY: 20

ENLARGED EQUIPMENT PLAN HEALTH MARKET

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



EQUIPMENT PLAN FROZEN/DAIRY

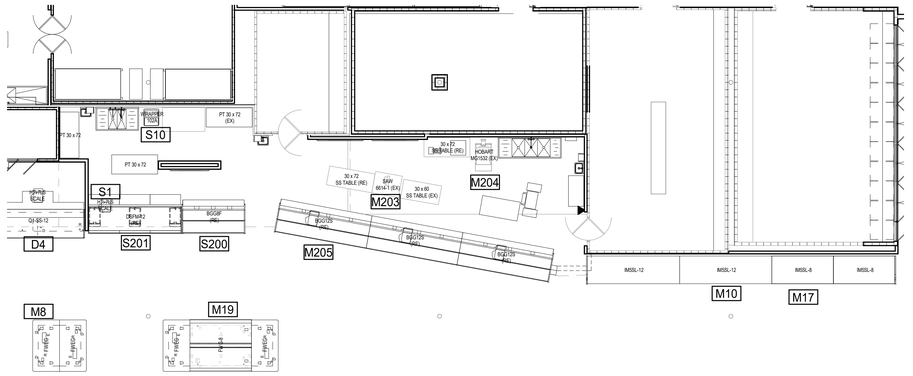
4 SCALE: 1/8" = 1'-0"

SEAFOOD

Condition	Dept	General Description	Qty	Vendor	Manufacturer	Manf Model
NEW	S1	SCALE, WIRELESS	1	HOBART CORPORATION	HOBART	HTI-7LS
	S10	WRAPPER	1	HUSSMANN	HEAT SEAL	102A
	S15	POLY TABLE	2	JOHN BOOS	JOHN BOOS	
	S99	SEAFOOD - SINK	1	JOHN BOOS	JOHN BOOS	2-COMP SINK
RELOCATED	S200	CASE	1	BORGEN	BORGEN	BGQ-8F
	S201	CASE	1	HUSSMANN	HUSSMANN	DSFM-12

MEAT

Condition	Dept	General Description	Qty	Vendor	Manufacturer	Manf Model
NEW	M1	PATTY MACHINE	1	DUPEY	BIRO	F2000
NEW	M2	TENDERIZER	1	HOBART	HOBART	403-1
NEW	M4	WRAP STATION	1		HOBART	HWS-4
NEW	M6	SCALE, WIRELESS	3	HOBART CORPORATION	HOBART	HTI-7LS
NEW	M8	CASE, REFRIG, SS OPEN	4	HUSSMANN	HUSSMANN	FWRG
NEW	M10	CASE,REFRIG,SS OPEN	2	HUSSMANN	HUSSMANN	IMSSL-12
NEW	M17	CASE	2	HUSSMANN	HUSSMANN	IMSSL-8
NEW	M19	CASE	1	HUSSMANN	HUSSMANN	FWG-8
	M99	MEAT - SINK	1	JOHN BOOS	JOHN BOOS	3-COMP SINK
	M100	COOLER - MEAT	1			
	M101	FREEZER - MEAT	1			
EXISTING	M203	MEAT SAW	1	HOBART	HOBART	6614-1
EXISTING	M204	MIXER/GRINDER	1	HOBART	HOBART	MG1532
RELOCATED	M205	CASE	3	BORGEN	BORGEN	BGQ1125

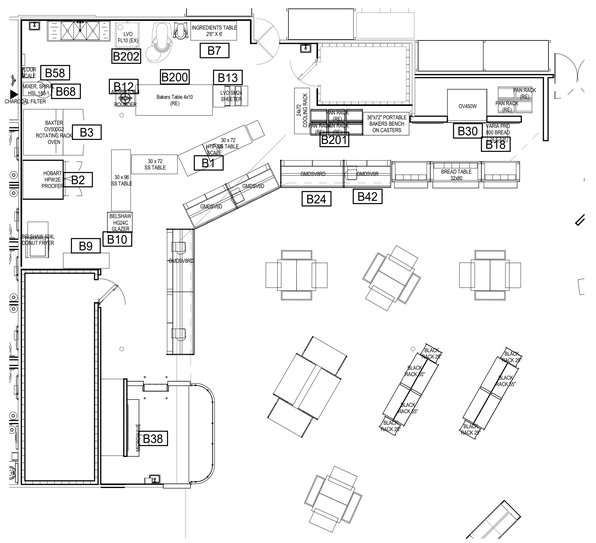


EQUIPMENT PLAN MEAT/SEAFOOD

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

BAKERY

Condition	Dept	General Description	Qty	Vendor	Manufacturer	Manf Model
	B1	SCALE, WIRELESS	5	HOBART CORPORATION	HOBART	
	B2	PROOFER, BAKERY	1	HOBART CORPORATION	BAXTER	HPW2E
	B3	OVEN, BAKERY RACK	1	HOBART CORPORATION	BAXTER	OV500G2
	B7	INGREDIENTS TABLE	1	JOHN BOOS	JOHN BOOS	S14010
NEW	B9	DONUT FRYER	1	HORIZON	BELSHAW	E24L
	B10	DONUT GLAZER	1	HORIZON	BELSHAW	HG24C
	B12	ROUNDER, BUN	1	ABS	ABS	ABSBRD-36-4
	B13	SHEETER	1	LVO MFG.	LVO MFG.	SM24
NEW	B15	BREAD TABLE	1	JSI STORE FIXTURES	JSI STORE FIXTURES	32X80
	B18	BREAD SLICER	1	JAC INC.	JAC INC.	VARIA PRO 800
	B20	SS TABLE	2	JOHN BOOS	JOHN BOOS	
NEW	B24	CASE	3	STRUCTURAL CONCEPTS	STRUCTURAL CONCEPTS	GMDSVBRD
NEW	B30	OVEN, BAKERY RACK	1	BAXTER	BAXTER	OV450
NEW	B31	BAKERS BENCH W/ CASTERS	1	JOHN BOOS	JOHN BOOS	
	B38	MICROWAVE	1	HUSSMANN	AMANA	RCS10
	B40	BLACK RACK	4	JSI	JSI	24" BLACK RACK
	B41	BLACK RACK	8	JSI	JSI	55" BLACK RACL
NEW	B42	CASE	3	STRUCTURAL CONCEPTS	STRUCTURAL CONCEPTS	
NEW	B58	FLOOR FLOUR SCALE	1			DS 520
NEW	B59	CHUTE SLICER	1	JAC	JAC	CHUTE 450 SLICER
NEW	B68	SPIRAL MIXER	1	HOBART	HOBART	HSL 160-1
	B98	BAKERY - POT FILLER	1	JOHN BOOS	JOHN BOOS	POT FILLER
	B99	BAKERY - SINK	1	JOHN BOOS	JOHN BOOS	3-COMP SINK
	B101	FREEZER - BAKERY	1			
RELOCATED	B200	TABLE 4' X 10'	1	JOHN BOOS	JOHN BOOS	SBO-S14/BKSC270
	B201	PAN RACKS	10	SPG	SPG	APR2518-3
EXISTING	B202	PAN WASHER	1	LVO MFG.	LVO MFG.	FL10E
	B203	MIXER	1	HOBART	HOBART	HL1400-1

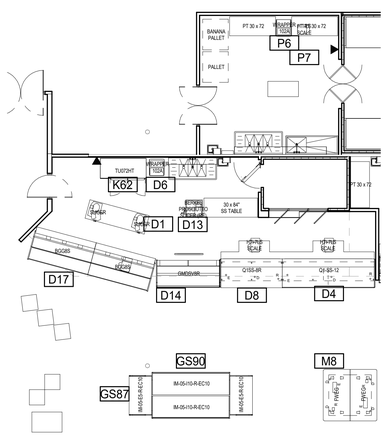


EQUIPMENT PLAN BAKERY

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

DELI

Condition	Dept	General Description	Qty	Vendor	Manufacturer	Manf Model
	D1	SLICER	2	HOBART CORPORATION	HOBART CORPORATION	2912-1
	D2	SCALE, WIRELESS	3	HOBART CORPORATION	HOBART	HTI-7LS
NEW	D4	CASE	1	HUSSMANN	HUSSMANN	Q1-SS-12R
NEW	D6	WRAPPER	1	HUSSMANN	HEAT SEAL	102A
NEW	D8	CASE	1	HUSSMANN	HUSSMAN	Q1-SS-8R
	D10	SS TABLE	2	JOHN BOOS	JOHN BOOS	
	D13	SLICER, SEMI AUTO	1	HOBART	BERKEL	330M
NEW	D14	CASE	1	STRUCTURAL CONCEPTS	STRUCTURAL CONCEPTS	GMDSVBRD
	D17	CASE	2	BORGEN	BORGEN	BGQSS
	D99	DELI - SINK	1	JOHN BOOS	JOHN BOOS	3-COMP PLATTER SINK
	D100	COOLER - DELI	1			
	D101	COOLER DOORS - DELI	1			QUANTITY: 3



EQUIPMENT PLAN DELI

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

REFER TO EQUIPMENT BOOKLET FOR ADDITIONAL INFORMATION

LOCATION:
LEE'S SUMMIT #2 HY-VEE
LEE'S SUMMIT, MO

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee® EMPLOYEE OWNED

NORTH PLAN NORTH

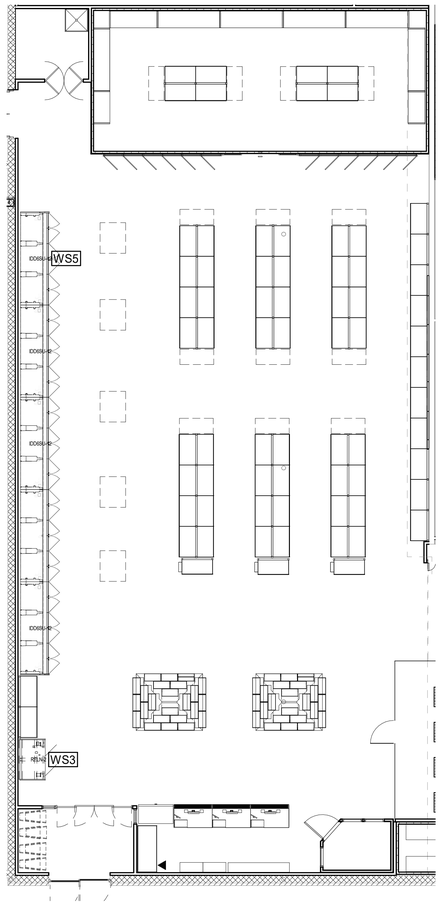
ENLARGED EQUIPMENT PLAN

DRAWN:	DATE:
Author	MAY 2017
SCALE: 1/8" = 1'-0"	JOB NUMBER:

SHEET: EQ1.1

WINE & SPIRITS

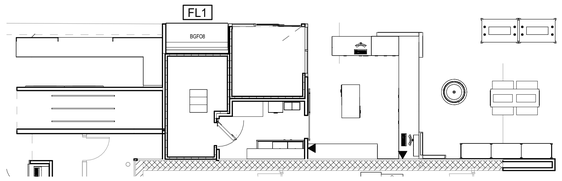
Condition	Dept	General Description	Qty	Vendor	Manufacturer	Manf Model
NEW	WS1	FREEZER	1	TRUE	TRUE	GDM-49F
NEW	WS3	CASE	1	HUSSMANN	HUSSMANN	RFLN-2
NEW	WS5	CASE	5	HUSSMANN	HUSSMANN	IDD65U-12
NEW	WS15	KPI DAISY CHAIN - LEFT	3	KPI	KPI	
NEW	WS16	KPI 90DEG COMPUTER CABINET	1	KPI	KPI	72" LENGTH
	WS100	COOLER - BEER	1			
	WS101	COOLER DOORS - BEER	1			QUANTITY: 13



EQUIPMENT PLAN
WINE AND SPIRITS
6 SCALE: 1/8" = 1'-0"

FLORAL

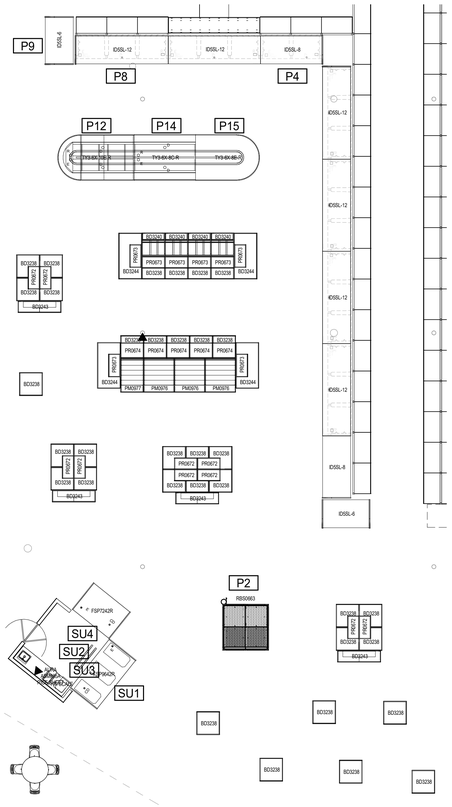
Condition	Dept	General Description	Qty	Vendor	Manufacturer	Manf Model
	FL	FLORAL	1			
NEW	FL1	CASE	1	BORGEN	BORGEN	BGFG-8
	FL100	COOLER - FLORAL	1			
	FL101	COOLER - FLORAL DISPLAY	1			



EQUIPMENT PLAN
FLORAL
5 SCALE: 1/8" = 1'-0"

PRODUCE

Condition	Dept	General Description	Qty	Vendor	Manufacturer	Manf Model
	P2	CASE	1	JSI	JSI	RBS0663
	P3	POLY TABLE	2	JOHN BOOS	JOHN BOOS	
	P4	CASE	2	HUSSMANN	HUSSMANN	IDSSL-8
	P6	WRAPPER	1	HUSSMANN	HEAT SEAL	102A
	P7	SCALE, WIRELESS	1	HOBART CORPORATION	HOBART	HTI-LS
NEW	P8	CASE	6	HUSSMANN	HUSSMANN	IDSSL-12
NEW	P9	CASE	2	HUSSMANN	HUSSMANN	IDSSL-6
NEW	P12	CASE	1	HUSSMANN	HUSSMANN	TY3-6X-10E-R
NEW	P14	CASE	1	HUSSMANN	HUSSMANN	TY3-6X-4C-R
NEW	P15	CASE	1	HUSSMANN	HUSSMANN	TY3-6X-8E-R
NEW	P16	PRODUCE BIN	4	JSI	JSI	BD3240
NEW	P17	PRODUCE BIN	34	JSI	JSI	BD3238
NEW	P18	PRODUCE BIN	5	JSI	JSI	PR0674
NEW	P19	PRODUCE BIN	10	JSI	JSI	PR0672
NEW	P23	PRODUCE BIN	4	JSI	JSI	BD3244
NEW	P24	PRODUCE BIN	8	JSI	JSI	PR0673
NEW	P25	PRODUCE BIN	4	JSI	JSI	BD3240
NEW	P27	PRODUCE BIN	3	JSI	JSI	PM0676
	P98	PRODUCE - SINK	1	JOHN BOOS	JOHN BOOS	1 COMP SINK W/ DRAINBOARD
	P99	PRODUCE - PLATTER SINK	1	JOHN BOOS	JOHN BOOS	3-COMP SINK
	P100	COOLER - PRODUCE	1			



EQUIPMENT PLAN
PRODUCE
3 SCALE: 1/8" = 1'-0"

SUSHI

Condition	Dept	General Description	Qty	Vendor	Manufacturer	Manf Model
	SU1	SUSHI, PREP	1	STRUCTURAL CONCEPTS	STRUCTURAL CONCEPTS	FSP9642R
NEW	SU2	RICE SHEET	1	GLOBAL TRELLION	AUTEC	ASM866A
	SU3	SCALE, WIRELESS	1	HOBART CORPORATION	HOBART	HTI-7S
	SU4	SUSHI, PREP	1	STRUCTURAL CONCEPTS	STRUCTURAL CONCEPTS	FSP7242R

ASIAN

Condition	Dept	General Description	Qty	Vendor	Manufacturer	Manf Model
	A3	4 HOLE WOK	1	HUSSMANN	TOWN	
	A5	BL RICE WARMER	2	WASSERSTROM	ZOJIRSHI	THA-8035
	A8	TABLE, PREP	1	TRAULSEN	TRAULSEN	TS096HT
	A11	SS TABLE	1	JOHN BOOS	JOHN BOOS	
NEW	A12	TABLE, PREP	1	TRAULSEN	TRAULSEN	TS048HT
NEW	A13	TABLE, PREP	1	TRAULSEN	TRAULSEN	TS096HT
NEW	A15	CASE, HOT, SERVE	1	STRUCTURAL CONCEPTS	STRUCTURAL CONCEPTS	15" SC ASIAN

MIA PIZZA

Condition	Dept	General Description	Qty	Vendor	Manufacturer	Manf Model
NEW	MP1	OVEN, DECK	1	DUPEY EQUIPMENT COMPANY	WOODSTONE	FD-8645-RFG-L-IR
	MP2	SS TABLE	1	JOHN BOOS	JOHN BOOS	
NEW	MP4	DOUGH PRESS W/STAND	1	DUPEY	XPRESS	DXM
NEW	MP5	COLD COUNTER	2	SHELLEY STEEL	SHELLEY STEEL	SCSC-50
	MP6	LOWERATOR	1	WASSERSTRUM	LAKESIDE	61110
	MP7	SS TABLE	1	JOHN BOOS	JOHN BOOS	
RELOCATED	MP9	30 QT FLOOR MIXER	1		GLOBE FOOD EQUIP. COMPANY	SP30P

C-STORE

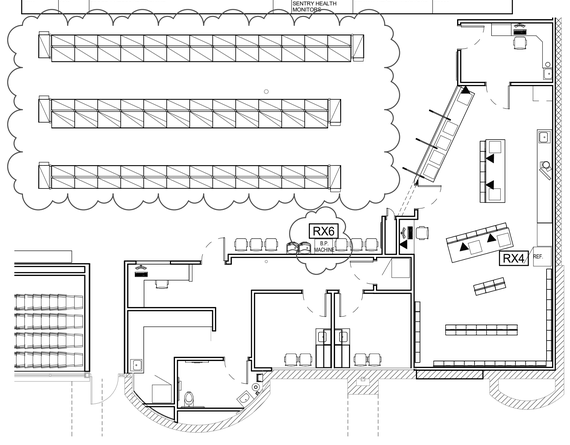
Condition	Dept	General Description	Qty	Vendor	Manufacturer	Manf Model
RELOCATED	CS6	CAPPUCINO 5 HEAD	1		INTERNATIONAL	37300-0023
RELOCATED	CS11	ICE MACHINE, CUBER	1	D&J BEVERAGE	CORNELIUS	CIMW36HW
RELOCATED	CS12	ICE MACHINE	1	HUSSMANN	HUSSMANN	WCC-700

KITCHEN

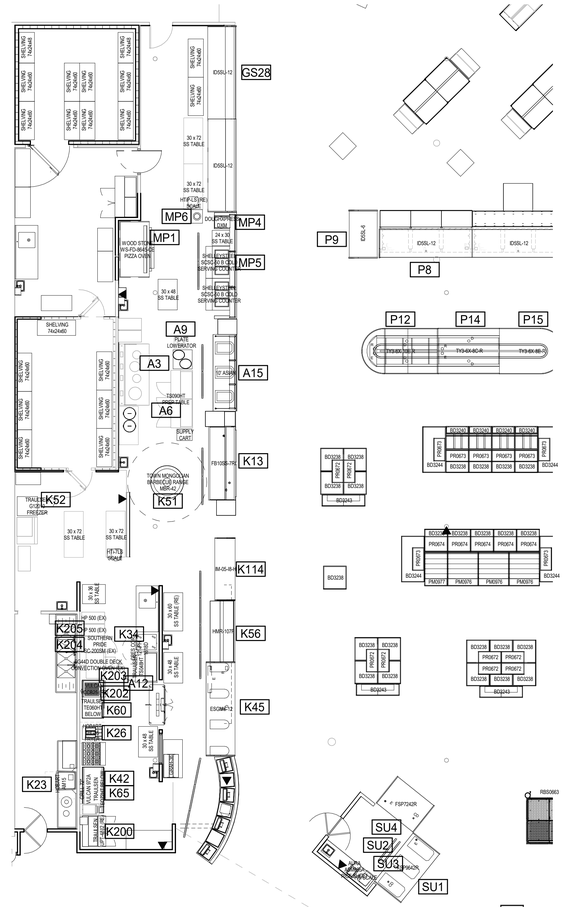
Condition	Dept	General Description	Qty	Vendor	Manufacturer	Manf Model
	K1	OIL MANAGEMENT	1	RTI	RTI	BI-2W
	K4	SCALE, WIRELESS	1	HOBART CORPORATION	HOBART	HTI-7LS
	K10	TOASTER, CONVEYOR	1	HATCO	HATCO	TQ-800
	K13	SALAD BAR	1	STRUCTURAL CONCEPTS	STRUCTURAL CONCEPTS	FB10-SS-7R
	K15	COFFEE BREWERS	1	WILBUR CURTIS	WILBUR CURTIS	TP1ST
NEW	K16	HEAT RAIL	1	HATCO	HATCO	GRAH-36
	K17	SS TABLE	2	JOHN BOOS	JOHN BOOS	
	K22	SS TABLE	3	JOHN BOOS	JOHN BOOS	
NEW	K23	DISHWASHER	1	HOBART CORPORATION	HOBART	AM15
NEW	K26	FRYER	1	HORBART CORPORATION	HOBART	1HG85
	K29	BAG IN A BOX	2			
NEW	K34	HOLDING CABINET	1	HUSSMANN	CRESCOR	121-PH181BD
	K42	UNDERCOUNTER	1	HOBART	TRAULSEN	TEO72HT
	K45	CASE	1	HUSSMANN	HUSSMANN	ESGMS-12
NEW	K51	MONGOLIAN RANGE	1	HUSSMANN	TOWN	MBR-42
NEW	K52	FREEZER	1	TRAULSEN	TRAULSEN	G12010
	K53	SS TABLE	1	JOHN BOOS	JOHN BOOS	
NEW	K56	CASE, HOT	1	TRI-CITY	HENNY PENNY	HMR-107F
RELOCATED	K60	UNDERCOUNTER	1	HOBART CORPORATION	TRAULSEN	TEI96HT
NEW	K62	UNDERCOUNTER FRIDGE	1	HOBART CORPORATION	TRAULSEN	TUO72HT
NEW	K65	GRIDDLE	1	HOBART CORPORATION	VULCAN	972
	K69	CO2	1			CO2
NEW	K96	ROTISSERIE	1	DUPEY	ALTO-SHAAM	AR-6G
	K97	KITCHEN - CULINARY TABLE	1	JOHN BOOS	JOHN BOOS	CULINARY TABLE
	K98	KITCHEN - DISH TABLE	1	JOHN BOOS	JOHN BOOS	CUSTOM DISH TABLE
	K99	KITCHEN - SINK	1	JOHN BOOS	JOHN BOOS	4-COMP SINK
	K100	COOLER - KITCHEN	1			
	K101	FREEZER - KITCHEN	1			
NEW	K114	CASE	1	HUSSMANN	HUSSMANN	IM-05-IB-H
NEW	K135	DISPENSER	1	FRESHLY SQUEEZED	SENCOTEL	120
NEW	K136	JUICER	1	FRESHLY SQUEEZED	ZUMO	Z40
	K149	8 HEAD SODA	2	PEPSI	CORNELIUS	255-RENEW
	K200	TABLE, PREP	1	TRAULSEN	TRAULSEN	UPT-4812
NEW	K202	CHARBROILER	1	HOBART	VULCAN	VCCB25
EXISTING	K203	OVEN, COMBI, STACK	1	HOBART CORPORATION	VULCAN	SG44D
	K204	SMOKER	1	DUPEY EQUIPMENT COMPANY	SOUTHERN PRIDE	SC-2005M
	K205	FRYERS	4			HP500
	K206	SCALE, WIRELESS	2	HOBART CORPORATION	HOBART	HTIFLS
EXISTING	K207	ICE MACHINE COMBO	1	HUSSMANN	CORNELIUS	CCM1030
NEW	K208	DRAINBOARD	3	GLASTENDER	GLASTENDER	DBGR 24-RS
	K209	4 COMP SINK	1	GLASTENDER	GLASTENDER	FSB-4IB_S
RELOCATED	K210	WASTE CHUTE	1	GLASTENDER	GLASTENDER	DWB-12
RELOCATED	K211	SINK	1	GLASTENDER	GLASTENDER	DHSB-12
RELOCATED	K212	LIQUOR DISPLAY	1	GLASTENDER	GLASTENDER	LDA-24

PHARMACY

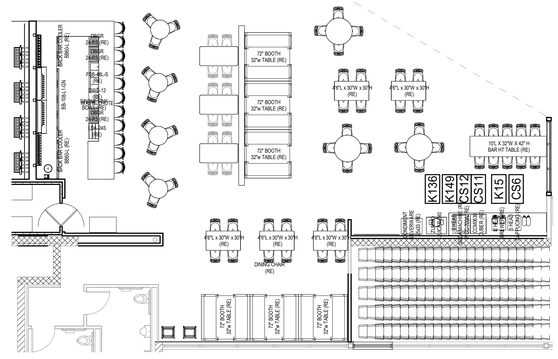
Condition	Dept	General Description	Qty	Vendor	Manufacturer	Manf Model
	RX3	SHELVES	40	LOZIER	LOZIER	FLEXRX
NEW	RX4	REFRIGERATOR	1	NEBRASKA FURNITURE MART	AMANA	ABB2221FEW
NEW	RX6	BLOOD PRESSURE MACHINE	1	LIFECLINC AKA SENTRY HEALTH MONITORS	SENTRY HEALTH MONITORS	LC300



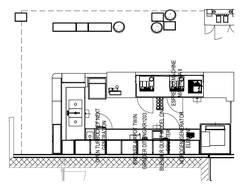
EQUIPMENT PLAN
PHARMACY
2 SCALE: 1/8" = 1'-0"



ENLARGED EQUIPMENT PLAN
KITCHEN/ITALIAN/ASIAN/SUSHI
1 SCALE: 1/8" = 1'-0"



EQUIPMENT PLAN
COFFEE
4 SCALE: 1/8" = 1'-0"



EQUIPMENT PLAN
PRODUCE
3 SCALE: 1/8" = 1'-0"

ENLARGED EQUIPMENT PLAN
KITCHEN/ITALIAN/ASIAN/SUSHI
1 SCALE: 1/8" = 1'-0"

REFER TO EQUIPMENT BOOKLET FOR ADDITIONAL INFORMATION

REVISION	DATE BY
2 ASI #2	1/8/21
3 ASI #3	1/22/21
4 ASI #4	2/5/21
6 ASI #7	4/21/21
7 ASI #8	5/19/21

LOCATION:
LEE'S SUMMIT #2 HY-VEE
LEE'S SUMMIT, MO

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

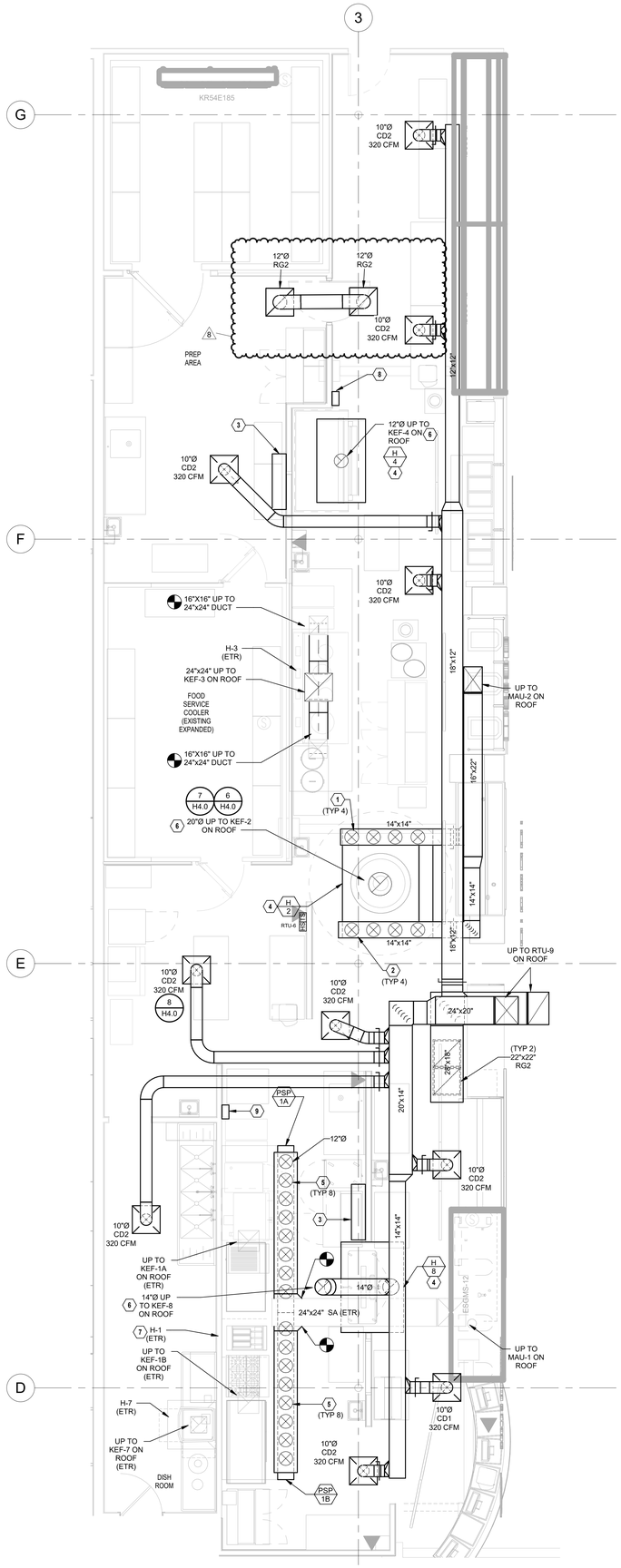
Hy-Vee® EMPLOYEE OWNED

NORTH PLAN NORTH

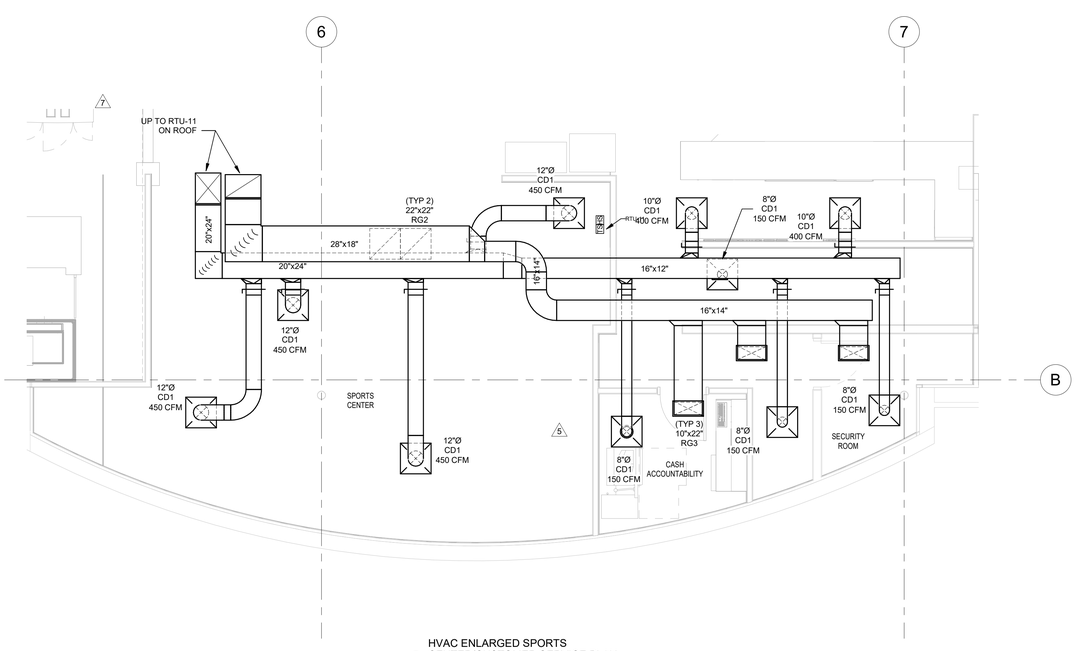
ENLARGED EQUIPMENT PLAN

DRAWN:	DATE:
Author	MAY 2017
SCALE: 1/8" = 1'-0"	JOB NUMBER:

SHEET: EQ1.2



2 HVAC ENLARGED KITCHEN PLAN
1/4" = 1'-0"



1 HVAC ENLARGED SPORTS CENTER/CUSTOMER SERVICE PLAN
1/4" = 1'-0"

GENERAL NOTES:

1. TRANSITION VERTICAL DUCTWORK AS REQUIRED TO MATCH RTU CONNECTION SIZES.
2. TRANSITION VERTICAL DUCTWORK AS REQUIRED TO MATCH EXHAUST FAN CONNECTION SIZES.
3. ROUTE EXPOSED DUCTWORK TIGHT TO STRUCTURE EXCEPT WHERE NOTED ON PLAN. COORDINATE INSTALLATION HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION.
4. COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION OF ANY WORK.
5. INSTALLED LINED RETURN AIR BOOT ON TRANSFER AIR GRILLES LOCATED IN PUBLIC VIEW. BOOT SHALL BE FULL SIZE OF GRILLE OPENING.
6. NO DUCTWORK MAY BE SUPPORTED FROM THE ROOF DECK. REFER TO SPECIFICATIONS FOR HANGER REQUIREMENTS.
7. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES AND ELEVATIONS.
8. REFER TO H4.0 FOR ALL DETAILS.

MECHANICAL PLAN NOTES

1. 12"Ø MAKEUP AIR COLLAR. OFFSET AS REQUIRED TO TAP INTO MAKEUP AIR DUCT ROUTING ABOVE. CAPTIVE AIRE TO BALANCE EACH TAP AT 226 CFM DURING STARTUP.
2. 12"Ø MAKEUP AIR COLLAR. OFFSET AS REQUIRED TO TAP INTO MAKEUP AIR DUCT ROUTING ABOVE. CAPTIVE AIRE TO BALANCE EACH TAP AT 282 CFM DURING STARTUP.
3. MOUNT FIRE SUPPRESSION AND CONTROLS CABINET HIGH ON WALL, TIGHT TO CEILING.
4. PROVIDE EXHAUST HOOD AND FAN WITH INTERNAL FILTERS, LIGHTS, AND FIRE SUPPRESSION SYSTEM AND CABINET AND PULL STATION AS APPLICABLE TO CODE AND AS NOTED IN MECHANICAL SCHEDULES.
5. 12"Ø MAKEUP AIR COLLAR. OFFSET AS REQUIRED TO TAP INTO MAKEUP AIR DUCT ROUTING ABOVE. CAPTIVE AIRE TO BALANCE EACH TAP AT 255CFM DURING STARTUP.
6. PROVIDE TYPE I PREFABRICATED GREASE DUCT WITH CLEANOUTS.
7. COORDINATE EXISTING CONTROLS WITH CAPTIVE AIRE. REPLACE EXISTING SWITCHES WITH NEW HMI & PROVIDE WITHIN DOUBLE GANG ELECTRICAL BOX.
8. PIZZA OVEN HMI IN DOUBLE GANG BOX AT 60" AFF.
9. NEW HMI FOR EXISTING MAIN COOKLINE HOODS IN DOUBLE GANG BOX AT 60" AFF.

REVISION		DATE BY
5	ASI #5	03/19/21
7	ASI #7	04/16/21
8	ASI #8	05/20/21

HENDERSON ENGINEERS
8345 LENEXA DRIVE, SUITE 300
LENEXA, KS 66214
TEL 913.742.5000 **FAX** 913.742.5001
WWW.HENDERSONENGINEERS.COM
1950003081
MO. CORPORATE NO: E-556D
EXPIRES 12/31/2021

PROFESSIONAL SEAL

STATE OF MISSOURI
JOSHUA N. HOVER
NUMBER PE-2017008503
PROFESSIONAL ENGINEER

05/20/2021
JOSHUA N. HOVER
LICENSE # PE-2017008503

LOCATION
LEE'S SUMMIT, MO #2
310 SW WARD RD

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee EMPLOYEE OWNED

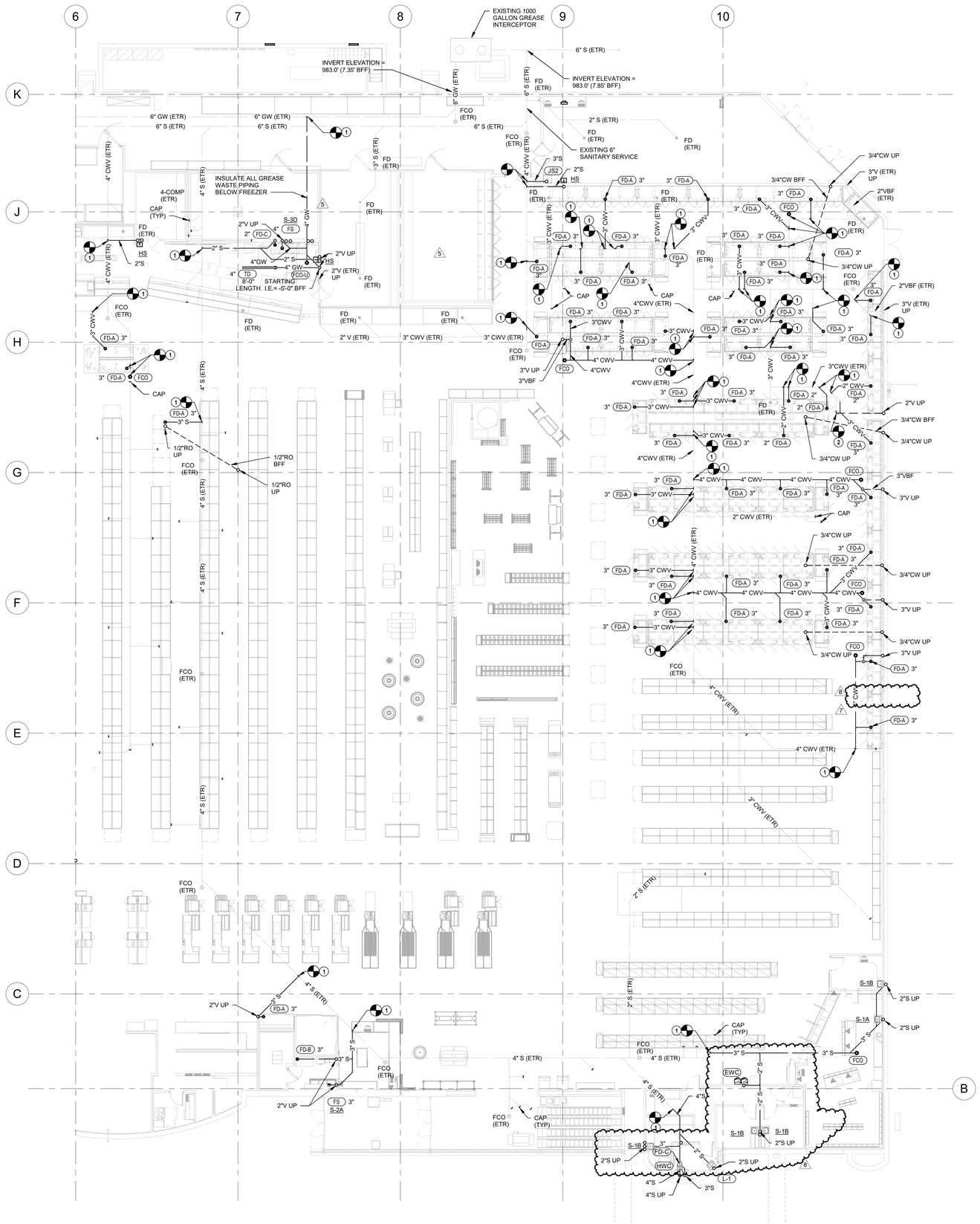
NORTH PLAN NORTH

HVAC ENLARGED PLANS

PROJECT MANAGER	CHECKED BY:
SL	Checker
DRAWN BY:	DATE:
Author	10/19/2020
SCALE:	JOB NUMBER:
AS NOTED	62930547

SHEET:
H1.2

JOSHUA N. HOVER
5/20/2021 1:15:46 PM



1 UNDERFLOOR PLUMBING PLAN - B
3/32" = 1'-0"

PLUMBING GENERAL NOTES

1. FURNISH AND INSTALL PLUMBING SYSTEMS IN ACCORDANCE WITH LOCAL AND STATE PLUMBING CODES.
2. ALL FLOOR DRAINS, FLOOR SINKS, AND TRENCH DRAINS OUTLETS AND BRANCH SANITARY ARE 3" UNLESS NOTED OTHERWISE.
3. ALL FLOOR CLEANOUTS ARE TO BE ACCESSIBLE AND NOT BENEATH MILLWORK, CASEWORK, SHELVES OTHER OBSTRUCTIONS. CLEANOUTS SHALL BE THE SAME SIZE AS PIPING BEING SERVED AND AT THE TRANSITION OF PIPE SIZE.
4. COORDINATE UNDERFLOOR PIPING ROUTING WITH REFRIGERATION AND ELECTRCIAL CONTRACTORS.

PLUMBING PLAN NOTES

1 CONNECT NEW SANITARY/GREASE WASTE PIPING INTO EXISTING PIPING. FIELD VERIFY EXACT LOCATION, SIZE AND INVERT PRIOR TO START OF WORK.
2 CONNECT NEW VENT PIPING TO EXISTING VENT PIPING AS FIELD CONDITIONS REQUIRE. FIELD VERIFY EXACT SIZE AND LOCATION PRIOR TO START OF WORK.

REVISION		DATE BY
5	ASI #5	03/19/21
7	ASI #7	04/16/21
8	ASI #8	05/20/21

HENDERSON ENGINEERS
8345 LENEXA DRIVE, SUITE 300
LENEXA, KS 66214
TEL 913.742.5000 FAX 913.742.5001
WWW.HENDERSONENGINEERS.COM
1950003081
MO. CORPORATE NO. E-556D
EXPIRES 12/31/2021

PROFESSIONAL SEAL

STATE OF MISSOURI
JOSHUA N. HOVER
NUMBER PE-2017008503
PROFESSIONAL ENGINEER

05/20/2021
JOSHUA N. HOVER
LICENSE # PE-2017008503

LOCATION
LEE'S SUMMIT, MO #2
310 SW WARD RD

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

hyvee® EMPLOYEE OWNED

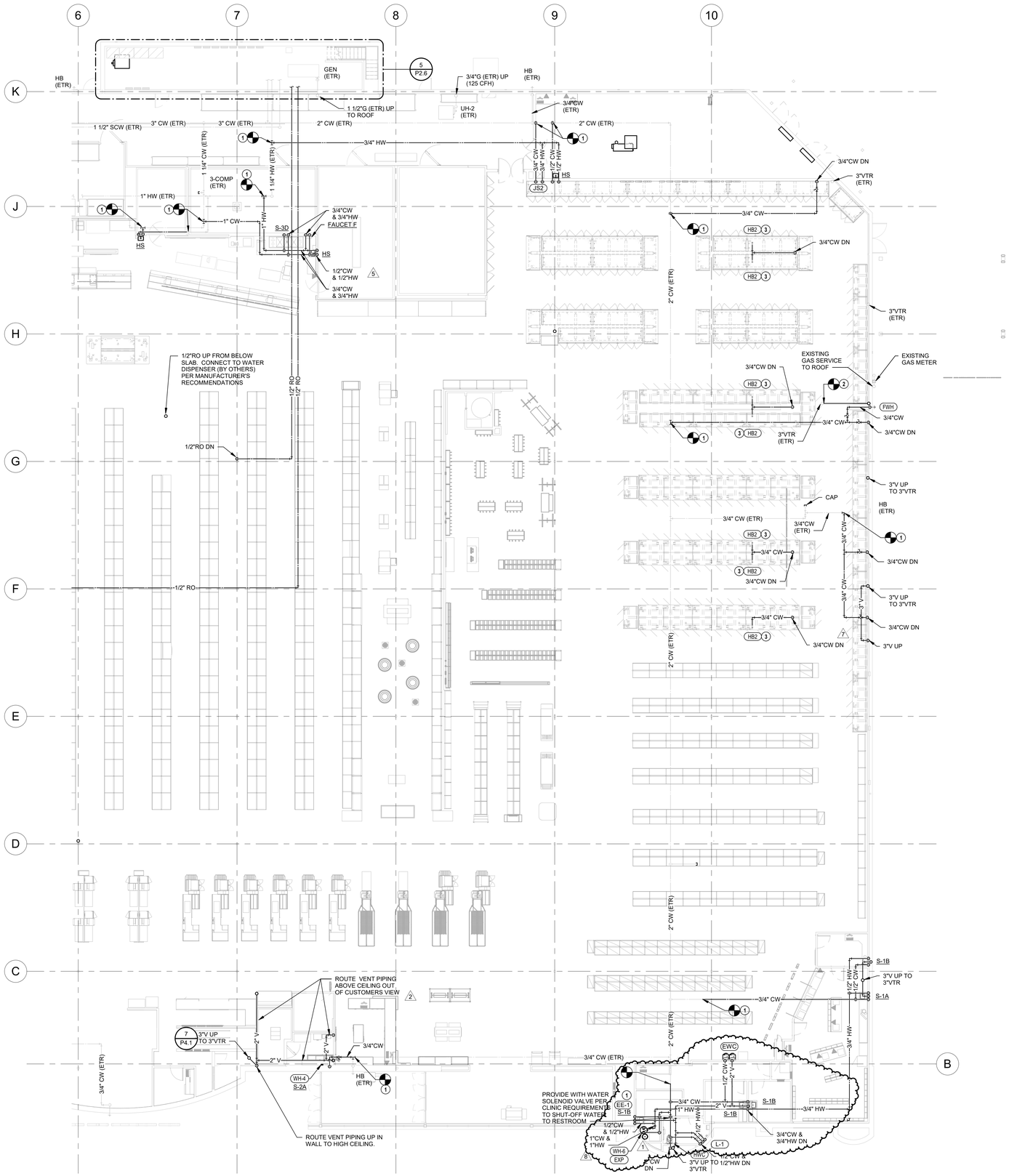
NORTH PLAN NORTH

UNDERFLOOR PLUMBING PLAN - B

PROJECT MANAGER	CHECKED BY:
SL	HEI
DRAWN BY:	DATE:
HEI	10/19/2020
SCALE:	JOB NUMBER:
AS NOTED	62930547

SHEET:
P1.0B

5/20/2021 1:16:04 PM
JOSHUA N. HOVER



1 PLUMBING FLOOR PLAN - B
3/32" = 1'-0"

PLUMBING GENERAL NOTES

1. FURNISH AND INSTALL PLUMBING SYSTEMS IN ACCORDANCE WITH LOCAL AND STATE PLUMBING CODES.
2. ALL FLOOR DRAINS, FLOOR SINKS, AND TRENCH DRAINS OUTLETS AND BRANCH SANITARY ARE 3" UNLESS NOTED OTHERWISE.
3. ALL FLOOR CLEANOUTS ARE TO BE ACCESSIBLE AND NOT BENEATH MILLWORK, CASEWORK, SHELVES OTHER OBSTRUCTIONS. CLEANOUTS SHALL BE THE SAME SIZE AS PIPING BEING SERVED AND AT THE TRANSITION OF PIPE SIZE.
4. COORDINATE UNDERFLOOR PIPING ROUTING WITH REFRIGERATION AND ELECTRCIAL CONTRACTORS.
5. ROUTE BRANCH PIPING 12" ABOVE THE ACCESSIBLE CEILING.

PLUMBING PLAN NOTES

1 CONNECT NEW DOMESTIC WATER PIPING TO EXISTING PIPING. FIELD VERIFY EXACT LOCATION AND SIZE PRIOR TO START OF WORK.
2 CONNECT NEW VENT PIPING INTO EXISTING VTR. FIELD VERIFY EXACT LOCATION AND SIZE PRIOR TO START OF WORK.
3 ROUTE CW PIPING ON TOP OF CASE. INSTALL AND SECURELY FASTEN HB2 IN CENTER OF CASE ARRANGEMENT.

	REVISION	DATE BY
1	ASI #1	11/13/20
2	ASI #2	01/07/21
5	ASI #5	03/19/21
7	ASI #7	04/16/21
8	ASI #8	05/20/21

HENDERSON ENGINEERS
8345 LENEXA DRIVE, SUITE 300
LENEXA, KS 66214
TEL 913.742.5000 FAX 913.742.5001
WWW.HENDERSONENGINEERS.COM
1950003081
MO. CORPORATE NO. E-556D
EXPIRES 12/31/2021

PROFESSIONAL SEAL

STATE OF MISSOURI
JOSHUA N. HOVER
NUMBER PE-2017008503
PROFESSIONAL ENGINEER

JOSHUA N. HOVER 05/20/2021
LICENSE # PE-2017008503

LOCATION
LEE'S SUMMIT, MO #2
310 SW WARD RD

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2930

Hy-Vee®
EMPLOYEE OWNED

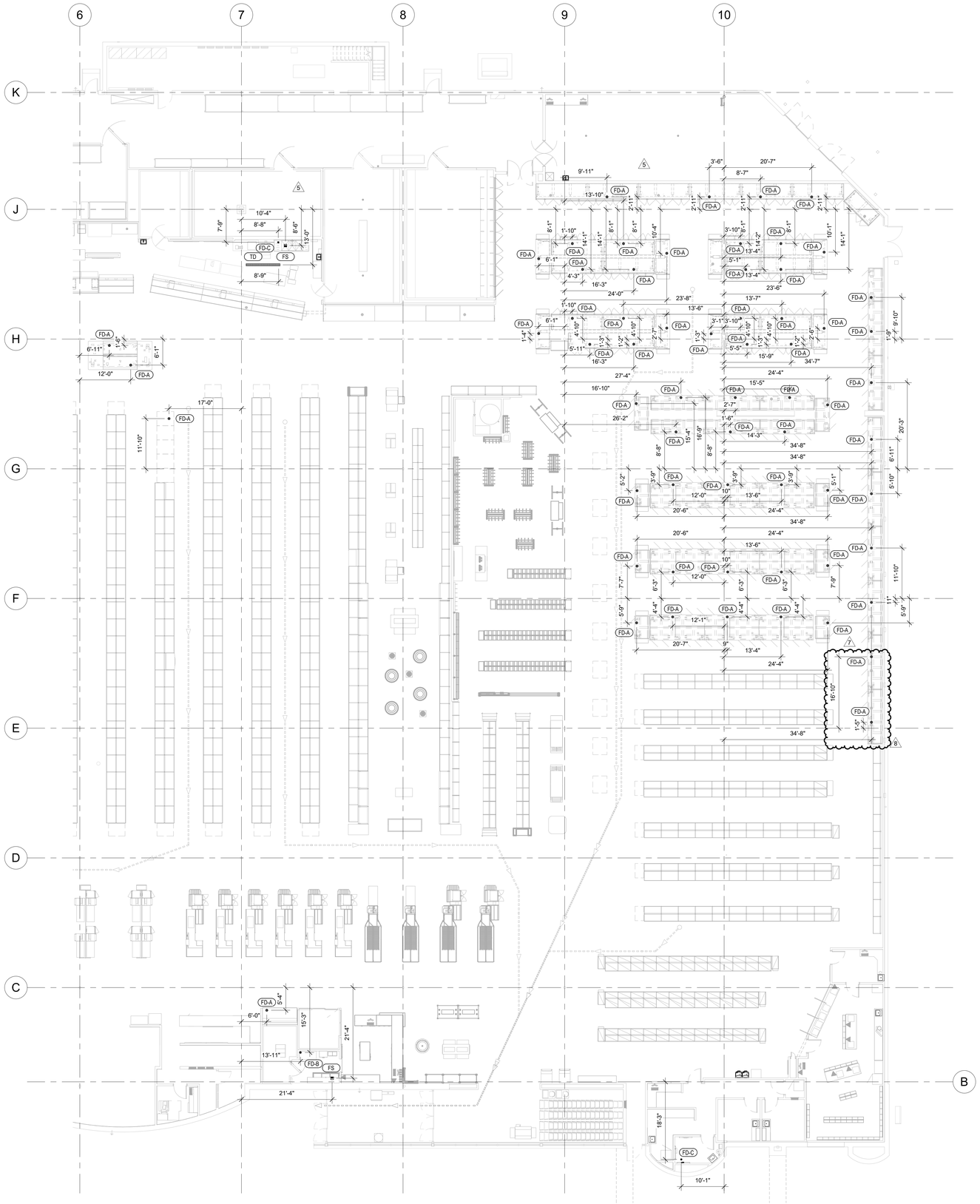
NORTH PLAN NORTH

PLUMBING FLOOR PLAN - B

PROJECT MANAGER	CHECKED BY:
SL	HEI
DRAWN BY:	DATE:
HEI	10/19/2020
SCALE:	JOB NUMBER:
AS NOTED	62930547

SHEET:
P2.0B

JOSHUA N. HOVER
5/20/2021 1:16:35 PM



1 PLUMBING STUBUP PLAN - B
3/32" = 1'-0"

REVISION		DATE BY
5	ASI #5	03/19/21
7	ASI #7	04/16/21
8	ASI #8	05/20/21

HENDERSON ENGINEERS
8345 LENEXA DRIVE, SUITE 300
LENEXA, KS 66214
TEL 913.742.5000 FAX 913.742.5001
WWW.HENDERSONENGINEERS.COM
1950003081
MO. CORPORATE NO: E-556D
EXPIRES 12/31/2021

PROFESSIONAL SEAL

STATE OF MISSOURI
JOSHUA N. HOVER
NUMBER PE-2017008503
PROFESSIONAL ENGINEER

JOSHUA N. HOVER 05/20/2021
LICENSE # PE-2017008503

LOCATION
LEE'S SUMMIT, MO #2
310 SW WARD RD

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee® EMPLOYEE OWNED

NORTH PLAN NORTH

PLUMBING
STUB-UP PLAN - B

PROJECT MANAGER	CHECKED BY:
SL	HEI
DRAWN BY:	DATE:
HEI	10/19/2020
SCALE:	JOB NUMBER
AS NOTED	62930547

SHEET:
PE1.0B

JOSHUA N. HOVER
5/20/2021 1:16:52 PM

PANELBOARD: B (EXISTING)

BUS AMPS: 225A | MAIN SIZE/TYPE: MLO | VOLTS/PHASE: 208Y/120V, 3PH, 4W | **SECTION: 1**
FED FROM: MDP1 | AIC RATING: CONTRACTOR TO VERIFY AND NOTIFY EOR | SERVES: LIGHTING | MOUNTING: SURFACE | LOCATION: ELECTRICAL ROOM
LINE-SIDE LUGS: MECHANICAL | EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.	
R	1	LTG - DELI/CHEESE	420			12	20	1	1	20	12	1,344			LTG - WINE AND SPIRITS TRK 1	2	R
R	3	LTG - DELI/CHEESE TRACK		147		12	20	1	1	20	12		1,554		LTG - WINE AND SPIRITS TRK 2	4	R
R	5	LTG - PRODUCE TRIM			252	12	20	1	1	20	12			400	LTG - WINE AND SPIRITS VEST.	6	R,EM
R	7	LTG - MEAT/SEAFOOD	732			12	20	1	1	20	EX	1,200			SALES AREA LTG	8	EX
R	9	LTG - MEAT/SEAFOOD TRACK		189		12	20	1	1	20	EX		1,200		SALES AREA LTG	10	EM
5 R	11	LTG - MEAT CASE PENDANTS			60	12	20	1	1	20	EX			1,200	SALES AREA LTG	12	EM
R	13	LTG - AOL CANOPY	480			12	20	1	1	20	EX	1,200			SALES AREA LTG	14	EX
8 R	15	LTG - PIZZA/ASIAN TRACK		126		12	20	1	1	20	EX		1,200		SALES AREA LTG	16	EX
R	17	LTG - PIZZA/ASIAN			684	12	20	1	1	20	EX			1,200	SALES AREA LTG	18	EX
R	19	LTG - FOOD SERVICE ROOM	348			12	20	1	1	20	EX	1,200			SALES AREA LTG	20	EX
R	21	LTG - KITCHEN/COMF FOODS		756		12	20	1	1	20	EX		1,200		SALES AREA LTG	22	EX
R	23	LTG - CONF FDS/MKT EXP/SUSHI			105	12	20	1	1	20	EX			1,200	BACK ROOM LTG	24	EX
R	25	LTG - EXIT HALL	294 (5)			12	20	1	1	20	EX	1,200			BACK RM CLG FAN & HEATER	26	EX
R	27	LTG - BAKERY 1		624		12	20	1	1	20	EX		1,200		ELEC ROOM LTG	28	EX
R	29	LTG - BAKERY 2			882	12	20	1	1	20	EX			1,200	TUNNEL LTG & BUNKER DEMO	30	EX
R	31	LTG - BAKERY 3	780			12	20	1	1	20	EX	500			SYS 9 BUNKER	32	EX
R	33	LTG - BAKERY/DECADENT TRACK		189		12	20	1	1	20	EX		500		SYS 11 BUNKER	34	EX 2
5 R	35	LTG - WINE ROOM FLR STRIPS			160	12	20	1	1	20	12			180	LTG - WINE ROOM DWNLTS	36	N
R	37	LTG - AISLES ONLINE	450			12	20	1	1	20	12	646			LTG - DAIRY/FROZEN/HLTH TRK	38	N
R	39	LTG - EXT. WALL PACKS				12	20	1	1	20	12		1,000		LTG - CANDY CARDS TRACK 1	40	N
	41	EQUIPPED SPACE						1	1	20	12			1,000	LTG - CANDY CARDS TRACK 2	42	N
		SUBTOTAL	3,504	2,031	2,143							7,290	7,854	6,380	SUBTOTAL		

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	10,794	COOLING		1.00	REFRIG		1.00	
AMPS	90	HEATING		0	SIGN/DISP		1.25	
TOTAL PHASE B - VA	9,885	LIGHTING	15,002	1.25	KITCHEN		1.00	
AMPS	82	RECEPTACLES		1.0/.5	EXISTING	15,400	1.00	
TOTAL PHASE C - VA	8,523	MOTORS		1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	71	SUPP HEAT		1.00	SHOW WNDW		1.25	34,153 VA
TOTAL PNLBD - VA	29,202	MISC EQUIP		1.00	LTG TRACK		1.00	95 A
AMPS	81							

PANELBOARD NOTES

PANELBOARD: CL (NEW)

BUS AMPS: 100A | MAIN SIZE/TYPE: MLO | VOLTS/PHASE: 208Y/120V, 3PH, 4W | **SECTION: 1**
FED FROM: KP | AIC RATING: FCA +10% MINIMUM FULLY RATED | SERVES: CLINIC | MOUNTING: RECESSED | LOCATION: CLINIC STORAGE
LINE-SIDE LUGS: MECHANICAL | EQUIPMENT GROUND BUS

2

CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.
1	CLINIC FRONT DESK COMP	360			12	20	1				10				2
3	SPARE					20	1	3	30			10		SPD	4
5	SPARE					20	1						10		6
7	SPARE					20	1	1	20					SPARE	8
9	SPARE					20	1	1	20					SPARE	10
11	EQUIPPED SPACE						1	1						EQUIPPED SPACE	12
13	EQUIPPED SPACE						1	1						EQUIPPED SPACE	14
15	EQUIPPED SPACE						1	1						EQUIPPED SPACE	16
17	EQUIPPED SPACE						1	1						EQUIPPED SPACE	18
19	EQUIPPED SPACE						1	1						EQUIPPED SPACE	20
21	EQUIPPED SPACE						1	1						EQUIPPED SPACE	22
23	EQUIPPED SPACE						1	1						EQUIPPED SPACE	24
25	EQUIPPED SPACE						1	1						EQUIPPED SPACE	26
27	EQUIPPED SPACE						1	1						EQUIPPED SPACE	28
29	EQUIPPED SPACE						1	1						EQUIPPED SPACE	30
31	CLINIC SCREEN	180			12	20	1	1	20	12	720			EXAM 1 RCPTS 1	32
33	NURSE CALL		500		12	20	1	1	20	12		360		EXAM 1 RCPTS 2	34
35	LAB RCPTS 1			720	12	20	1	1	20	12			720	EXAM 2 RCPTS 1	36
37	LAB RCPTS 2	540			12	20	1	1	20	12	360			EXAM 2 RCPTS 2	38
39	LAB DATA RACK 1		500		12	20	1	1	20	12		360		CLINIC HALLWAY/RR RCPTS	40
41	LAB DATA RACK 2			500	12	20	1	1	20	12			900	CLINIC RECEPTION DESK	42
	SUBTOTAL	1,080	1,000	1,220							1,090	730	1,630	SUBTOTAL	

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	2,170	COOLING		1.00	REFRIG		1.00	
AMPS	18	HEATING		0	SIGN/DISP		1.25	
TOTAL PHASE B - VA	1,730	LIGHTING		1.25	KITCHEN		1.00	
AMPS	14	RECEPTACLES	6,720	1.0/.5	EXISTING		1.00	
TOTAL PHASE C - VA	2,850	MOTORS		1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	24	SUPP HEAT		1.00	SHOW WNDW		1.25	6,750 VA
TOTAL PNLBD - VA	6,750	MISC EQUIP	30	1.00	LTG TRACK		1.00	19 A
AMPS	19							

PANELBOARD NOTES

PANELBOARD: D (EXISTING)

BUS AMPS: 225A | MAIN SIZE/TYPE: MLO | VOLTS/PHASE: 208Y/120V, 3PH, 4W | **SECTION: 1**
FED FROM: MDP1 | AIC RATING: CONTRACTOR TO VERIFY AND NOTIFY EOR | SERVES: LIGHTING | MOUNTING: SURFACE | LOCATION: ELECTRICAL ROOM
EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.	
EX	1	SALES AREA LTG	1,200			EX	20	1	1	20	EX	1,200			SALES AREA LTG	2	EX,EM
EX	3	SALES AREA LTG		1,200		EX	20	1	1	20	EX		1,200		SALES AREA LTG	4	EX
EX	5	SALES AREA LTG			1,200	EX	20	1	1	20	EX			1,200	SALES AREA LTG	6	EX
EX	7	SALES AREA LTG	1,200			EX	20	1	1	20	EX	1,200			SALES AREA LTG	8	EX,EM
EX	9	SALES AREA LTG		1,200		EX	20	1	1	20	EX		1,200		SALES AREA LTG	10	EX
EX	11	SALES AREA LTG			1,200	EX	20	1	1	20	EX			1,200	SALES AREA LTG	12	EX
EX	13	SALES AREA LTG	1,200			EX	20	1	1	20	EX	1,200			SALES AREA LTG	14	EX
EX	15	SALES AREA LTG		1,200		EX	20	1	1	20	EX		1,200		SALES AREA LTG	16	EX
EX	17	ENTRY WAY LTG			1,200	EX	20	1	1	20	EX			1,200	SALES AREA LTG	18	EX
R	19	JOE FRESH TRACK 1	1,000			12	20	1	1	20	EX	1,200			SALES AREA LTG	20	EX,EM
R	21	JOE FRESH TRACK 2		1,000		12	20	1	1	20	EX		1,200		SALES AREA LTG	22	EX
R	23	JOE FRESH TRACK 3			1,000	12	20	1	1	20	EX			1,200	SALES AREA LTG	24	EX
EX,EM	25	PANEL B CKT 37	500			EX	20	1	1	20	EX	1,200			PANEL B CKT 38	26	EX
EX	27	SALES AREA LTG		1,200		EX	20	1	1	20	EX		1,200		COFFEE GRINDER DROP	28	EX
EX	29	SALES AREA LTG			1,200	EX	20	1	1	20	EX			1,200	SALES AREA LTG	30	EX
EX	31	PANEL B CKT 32	500			EX	20	1	1	20	EX	1,200			SALES AREA LTG	32	EX
R	33	DSW TRACK 1		1,000		12	20	1	1	20	EX		1,200		SALES AREA LTG	34	EX
R	35	DSW TRACK 2			1,000	12	20	1	1	20	EX			1,200	SALES AREA LTG	36	EX
R	37	DSW TRACK 3	1,000			12	20	1	1	20	EX	1,200			SALES AREA LTG	38	EX,EM
EX	39	EXISTING LOAD		1,200		EX	20	1	1	20	EX		1,200		SALES AREA LTG	40	EX,EM
	41	EQUIPPED SPACE						1	1						EQUIPPED SPACE	42	
		SUBTOTAL	6,600	8,000	6,800							8,400	8,400	7,200	SUBTOTAL		

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	15,000	COOLING		1.00	REFRIG		1.00	
AMPS	125	HEATING		0	SIGN/DISP		1.25	
TOTAL PHASE B - VA	16,400	LIGHTING	6,000	1.25	KITCHEN		1.00	
AMPS	137	RECEPTACLES		1.0/.5	EXISTING	40,600	1.00	
TOTAL PHASE C - VA	14,000	MOTORS		1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	117	SUPP HEAT		1.00	SHOW WNDW		1.25	48,100 VA
TOTAL PNLBD - VA	45,400	MISC EQUIP		1.00	LTG TRACK		1.00	134 A
AMPS	126							

PANELBOARD NOTES

PANELBOARD: E (EXISTING)

BUS AMPS: 225A | MAIN SIZE/TYPE: MLO | VOLTS/PHASE: 208Y/120V, 3PH, 4W | **SECTION: 1**
FED FROM: MDP1 | AIC RATING: CONTRACTOR TO VERIFY AND NOTIFY EOR | SERVES: KITCHEN/DELI | MOUNTING: RECESSED | LOCATION: DRY STORAGE
EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.	
	1		3,759						2	50	6	3,445			HICKORY HOUSE HOT CASE 2	2	N
R	3	DELI BOOSTER HEATER		3,759		8	40	3					3,445			4	
	5				3,759				1	20	12			720	KITCHEN ROTISSERIE	6	R
R	7	HIBACHI 10' COLD CASE	270			12	20	1	1	20	EX	500			EXISTING LOAD	8	EX
EX	9	PIZZA DEEP WELL		500		EX	20	1	1	20	EX		500		EXISTING LOAD	10	EX
EX	11	PIZZA RCPT			500	EX	20	1	1	20	EX			500	EXISTING LOAD	12	EX
EX	13	DELI DISPOSAL	500			EX	20	1	1	20	12	1,400			KITCHEN HEAT RAIL	14	R
EX	15	DELI DISHWASHER EX FAN EF5		1,000		EX	20	1	1	20	12		1,176		KITCHEN REF TABLE (BACK RM)	16	R
EX	17	WEST BAKERY FRZR FANS			1,000	EX	20	2	1	20	EX			500	EXISTING LOAD	18	EX
	19		1,000						1	20	EX	500			EXISTING LOAD	20	EX
EX	21	BAKERY WEST COIL FRZR FANS		500		EX	20	1	1	20	12		360		KITCHEN CONV RCPT 1	22	R
EX	23	JUICE BAR ISO GROUND			500	EX	20	1	1	20	12			540	KITCHEN CONV RCPT 2	24	R
EX	25	JUICE BAR RCPT	500			EX	20	1	2	30	EX	2,496			HOT WELLS	26	EX
EX	27	EXISTING LOAD		500		EX	20	1					2,496			28	
EX	29	EXISTING LOAD			500	EX	20	1	1	20	EX			500	DELI DISPOSAL	30	EX
R	31	HICKORY HOUSE HOT CASE 1	3,077			8	40	2	1	20	EX	500			DELI HALF WALL RCPTS	32	EX
	33			3,077					1	20	EX		500		WINE TASTING RCPT	34	EX
N	35	CHINESE HOT WELL			7,475	3	100	2	1	20	EX			500	WINE TASTING RCPT	36	EX
	37		7,475						1	20	10	1,920			KITCHEN HOLDING CABINET	38	R
EX	39	EXISTING LOAD		500		EX	20	1	1	20	12		1,176		KITCHEN REF TABLE	40	R
EX	41	BAKERY FRZR LTS			500	EX	20	1	1	20	EX			500	PRODUCE COLUMN RCPT	42	EX
		SUBTOTAL	16,581	9,836	14,234							10,761	9,653	3,760	SUBTOTAL		

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	27,342	COOLING		1.00	REFRIG		1.00	
AMPS	228	HEATING		0	SIGN/DISP		1.25	
TOTAL PHASE B - VA	19,489	LIGHTING		1.25	KITCHEN	34,656	0.65	
AMPS	162	RECEPTACLES	900	1.0/.5	EXISTING	17,992	1.00	
TOTAL PHASE C - VA	17,994	MOTORS	11,277	1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	150	SUPP HEAT		1.00	SHOW WNDW		1.25	52,695 VA
TOTAL PNLBD - VA	64,825	MISC EQUIP		1.00	LTG TRACK		1.00	146 A
AMPS	180							

PANELBOARD NOTES

PANELBOARD: F (EXISTING)

BUS AMPS: 225A | MAIN SIZE/TYPE: MLO | VOLTS/PHASE: 208Y/120V, 3PH, 4W | **SECTION: 1**
FED FROM: MDP1 | AIC RATING: 10000 FULLY RATED | SERVES: DELI | MOUNTING: RECESSED | LOCATION: DRY STORAGE
EQUIPMENT GROUND BUS

2

	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.	
	1		4,083						1	20	EX	500			EXISTING LOAD	2	EX
N	3	180lb MIXER		4,083		6	45	3	1	20	EX		500		EXISTING LOAD	4	EX
	5				4,083				1	20	EX			500	EXISTING LOAD	6	EX
EX	7	BREAD SLICER DROP	500			EX	20	1	1	20	EX	500			EXISTING LOAD	8	EX
7 R	9	KEF-5		516		12	20	1	1	20	EX		500		EXISTING LOAD	10	EX
N	11	BAKERY TABLE MICROWAVE			1,000	12	20	1	1	20	EX			500	EXISTING LOAD	12	EX
	13	EQUIPPED SPACE						1	1	20	12	500			BAKERY SCALES 1	14	R 7
EX	15	DONUT HOOD		500		EX	20	1	1	20	12		1,200		BAKERY TABLE COMP/PRINTER	16	R
EX	17	RCPT UNDER DONUT HOOD			500	EX	20	1	1	20	12			500	BAKERY TABLE MONITOR	18	R
	19		1,921									1,921				20	
EX	21	140 QT BAKERY MIXER		1,921		EX	20	3	3	20	12		1,921		BAKERY ROUNDER	22	R
	23				1,921									1,921		24	
EX	25	EXISTING LOAD	2,880			EX	30	1	1	20	EX	500			EXISTING LOAD	26	
EX	27	30 QT MIXER		1,664		EX	20	1	1	20	12		360		BAKERY FLOOR BOXES 1	28	R
	29				1,664				1	20	12			360	BAKERY FLOOR BOXES 2/SCALE	30	R
	31		1,921						1	20	12	500			BAKERY RACK OVEN CONTROL	32	R
N	33	BAKERY RACK OVEN		1,921		12	20	3	1	20	12		500		BAKERY FLOOR SCALES	34	R
	35				1,921				1	20	EX			500	EXISTING LOAD	36	EX
	37		4,803						1	20	EX	500			EXISTING LOAD	38	EX
EX	39	BAKERY FRYER		4,803		EX	50	3	1	20	EX		500		EXISTING LOAD	40	EX
	41				4,803				1	20	12			900	BAKERY SHEETER	42	R
		SUBTOTAL	16,108	15,408	15,892							4,921	5,481	5,181	SUBTOTAL		

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	21,029	COOLING		1.00	REFRIG		1.00	
AMPS	175	HEATING		0	SIGN/DISP		1.25	
TOTAL PHASE B - VA	20,889	LIGHTING		1.25	KITCHEN	28,675	0.65	
AMPS	174	RECEPTACLES	1,420	1.0/.5	EXISTING	32,880	1.00	
TOTAL PHASE C - VA	21,073	MOTORS	516	1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	176	SUPP HEAT		1.00	SHOW WNDW		1.25	53,455 VA
TOTAL PNLBD - VA	62,991	MISC EQUIP		1.00	LTG TRACK		1.00	148 A
AMPS	175							

PANELBOARD NOTES

PANELBOARD: G (EXISTING)

BUS AMPS: 225A | MAIN SIZE/TYPE: MLO | VOLTS/PHASE: 208Y/120V, 3PH, 4W | **SECTION: 1**
FED FROM: MDP1 | AIC RATING: 10000 FULLY RATED | SERVES: MEAT & SEAFOOD POWER | MOUNTING: SURFACE | LOCATION: ELECTRICAL ROOM
EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.	
EX	1	SERVICE MEAT RCPT	500			EX	20	1	1	20	12	180		5	MEAT/SF SCALE	2	R
EX	3	MD MEAT RCPT		500		EX	20	1	1	20	12		540		MEAT/SF MENU SCREENS	4	R
R	5	PRODUCE TRIM HEAT WRAP			725	12	20	1	1	20	12			725	MEAT/SF HEAT SEAL WRAP	6	R
R	7	PRODUCE TRIM RCPT/SCALE	540			12	20	1	1	20	12	180			MEAT/SF CONV RCPT 1	8	R
EX	9	SERVICE MEAT SCALE IG		500		EX	20	1	1	20	12		696		SALES FLOOR COOLER 1	10	R
R	11	PRODUCE MISTER			180	12	20	1	1	20	12			696	SALES FLOOR COOLER 2	12	R
R	13	EF-12 CUSTOMER RRS	768			12	20	1	1	20	12	696			SALES FLOOR COOLER 3	14	R
R	15	SALES FLOOR BULK WATER		696		12	20	1	1	20	12		696		SALES FLOOR COOLER 4	16	R
7 R	17	BAKERY CASE LTS			500	12	20	1	1	20	12			696	SALES FLOOR COOLER 5	18	R
N	19	AC-2 A	3,875			6	50	2	1	20	12	456			SALES FLOOR COOLER 6	20	R
	21	AISLES ONLINE		3,875					1	20	12		180		DELI CHEESE SCREEN	22	R
N	23	AC-2 B			3,600	6	45	2	1	20	12			360	DELI CHEESE CONV RCPTS	24	R
	25	AISLES ONLINE	3,600						1	20	12	360			ROOFTOP RCPTS 1	26	R
EX	27	SERVICE SEAFOOD CASE		500		EX	20	1	1	20	12		540		ROOFTOP RCPTS 2	28	R
EX	29	MEAT GRINDER RCPT			500	EX	20	1	1	20	EX			500	N ROOF TOP GFI	30	EX
EX	31	FAT TESTER	500			EX	20	1	1	20	EX	500			N ROOF TOP SMOKE DET.	32	EX
EX	33	MEAT/CHEESE WALL OUTLETS		500		EX	20	1	1	20	EX		500		FISH DEPT EXH FAN EF10	34	EX
EX	35	SPARE ABOVE MEAT/CHEESE			500	EX	20	1	1	20	12			360	DELI CHEESE SCALE 1	36	R
EX	37	RCPT ON WALL MOTOR RM	500			EX	20	1	1	20	12	180			DELI CHEESE SCALE 2	38	R
	39	EQUIPPED SPACE						1	1						EQUIPPED SPACE	40	
EX	41	SALAD PREP LTG			1,700	EX	20	1	1						EQUIPPED SPACE	42	
		SUBTOTAL	10,283	6,571	7,705							2,552	3,152	3,337	SUBTOTAL		

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	12,835	COOLING		1.00	REFRIG		1.00	
AMPS	107	HEATING		0	SIGN/DISP		1.25	
TOTAL PHASE B - VA	9,723	LIGHTING	1,700	1.25	KITCHEN	2,170	0.70	
AMPS	81	RECEPTACLES	7,332	1.0/.5	EXISTING	6,500	1.00	
TOTAL PHASE C - VA	11,042	MOTORS	15,718	1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	92	SUPP HEAT		1.00	SHOW WNDW		1.25	33,374 VA
TOTAL PNLBD - VA	33,600	MISC EQUIP	180	1.00	LTG TRACK		1.00	93 A
AMPS	93							

PANELBOARD NOTES

PANELBOARD: H (EXISTING)

BUS AMPS: 225A | MAIN SIZE/TYPE: MLO | VOLTS/PHASE: 208Y/120V, 3PH, 4W | **SECTION: 1**
FED FROM: MDP1 | AIC RATING: 10000 FULLY RATED | SERVES: MEAT & SEAFOOD POWER | MOUNTING: SURFACE | LOCATION: ELECTRICAL ROOM
EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.	
	1		1,921						1	20	EX	500			CORD DROP	2	EX
EX	3	MEAT SAW		1,921		EX	20	3	1	20	EX		500		CORD DROP	4	EX 5
	5				1,921				1	20					SPARE	6	V
	7		4,803						1	20					SPARE	8	V
EX	9	TRASH COMPACTOR		4,803		EX	50	3	1	20					SPARE	10	V
	11				4,803				1	20	12			360	SERVICE MEAT RCPT	12	R
R	13	UH-4 (ELEC ROOM)	500			12	20	1	1	20	12	500			MEAT WRAPPER	14	R
V	15	SPARE					20	1	1	20	12		500		MEAT TENDERIZER	16	R
EX	17	EXISTING LOAD			500	EX	20	1	1	20	12			540	MEAT SCALES	18	R
	19		367						1	20	EX	500			PNL Q CONTACTOR	20	EX
N	21	BAKERY VARIA PRO SLICER		367		12	20	3					4,491			22	
	23				367				3	50	6			4,491	MAU-2 FANS	24	N
EX	25	RCPT - ALARM BY COMPACT.	500			EX	20	1				4,491				26	
4 R	27	BAKERY SCREENS		360		12	20	1	1	20	12		725		DELI CHEESE HEAT WRAP	28	R
R	29	DELI CHEESE REF. TABLE			756	12	20	1	1	20	12			500	DELI CHEESE SLICER 1	30	R
	31		1,345						1	20	12	500			DELI CHEESE SLICER 2	32	R
N	33	MAU-2 CONDENSERS 1		1,345		12	20	3	1	20	EX		500		MEAT & CHEESE RCPT	34	EX
	35				1,345				2	20	EX			1,000	PANINI PRESS	36	EX
	37		2,570									1,000				38	
R	39	MAU-2 CONDENDERS 2		2,570		10	30	3	1	20	EX		500		DELI FLOOR RCPT	40	EX
	41				2,570				1	20	EX			500	MEAT & CHEESE RCPT FLOOR	42	EX
		SUBTOTAL	12,006	11,366	12,262							7,491	7,216	7,391	SUBTOTAL		

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	19,497	COOLING		1.00	REFRIG		1.00	
AMPS	162	HEATING		0	SIGN/DISP		1.25	
TOTAL PHASE B - VA	18,582	LIGHTING		1.25	KITCHEN	4,186	0.65	
AMPS	155	RECEPTACLES	900	1.0/.5	EXISTING	26,928	1.00	
TOTAL PHASE C - VA	19,653	MOTORS	25,218	1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	164	SUPP HEAT	500	1.00	SHOW WNDW		1.25	56,267 VA
TOTAL PNLBD - VA	57,732	MISC EQUIP		1.00	LTG TRACK		1.00	156 A
AMPS	160							

PANELBOARD NOTES

2

PANELBOARD: K (NEW)

BUS AMPS: 100A | MAIN SIZE/TYPE: MLO | VOLTS/PHASE: 208Y/120V, 3PH, 4W | **SECTION: 1**
FED FROM: PNLBD L | AIC RATING: 10000 FULLY RATED | SERVES: CHECKSTANDS & CLEAN POWER | MOUNTING: SURFACE | LOCATION: CLINIC HALL
EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.	
R	1	STARBUCKS CLEAN 1	360			12	20	1	1	20	12	360			BAR CLEAN	2	R
R	3	STARBUCKS CLEAN 2		360		12	20	1	1	20					SPARE	4	V
R	5	CHECKSTAND 8 CLEAN			500	12	20	1	1	20	12			500	CHECKSTAND 9 CLEAN	6	R
R	7	CHECKSTAND 10 CLEAN	500			12	20	1	1	20					SPARE	8	V
R	9	SELF CHECKOUT 1 CLEAN		1,000		12	20	1	1	20					SPARE	10	V
R	11	SELF CHECKOUT 4 CLEAN			1,000	12	20	1	1	20	12			1,000	SELF CHECKOUT 3 CLEAN	12	R
R	13	SELF CHECKOUT 2 CLEAN	1,000			12	20	1	1	20	12	500			CHECKSTAND 1 CLEAN	14	R
R	15	CHECKSTAND 2 CLEAN		500		12	20	1	1	20	12		500		CHECKSTAND 3 CLEAN	16	R
R	17	CHECKSTAND 4 CLEAN			500	12	20	1	1	20	12			500	CHECKSTAND 5 CLEAN	18	R
R	19	CHECKSTAND 6 CLEAN	500			12	20	1	1	20	12	500			CHECKSTAND 7 CLEAN	20	R
R	21	CUSTOMER SERVICE CLEAN 1		360		12	20	1	1	20	12		360		FLORAL CLEAN 1	22	R
R	23	CUSTOMER SERVICE CLEAN 2			360	12	20	1	1	20	12			360	FLORAL CLEAN 2	24	R
R	25	CUSTOMER SERVICE CLEAN 3	360			12	20	1	1	20	12	360			PREP FOOD CHECKOUT CLEAN 1	26	R
R	27	CUSTOMER SERVICE CLEAN 4		360		12	20	1	1	20	12		360		PREP FOOD CHECKOUT CLEAN 2	28	R
R	29	CUSTOMER SERVICE CLEAN 5			360	12	20	1	1	20	12			360	PREP FOOD CHECKOUT CLEAN 3	30	R
R	31	CUSTOMER SERVICE CLEAN 6	360			12	20	1	1	20	12	360			PREP FOOD CHECKOUT CLEAN 4	32	R
R	33	CUSTOMER SERVICE CLEAN 7		360		12	20	1	1	20					SPARE	34	V
V	35	SPARE					20	1	1	20	12			1,080	LIQUOR PRINTER/MONITOR	36	R
	37		10						1	20	12	360			LIQUOR CHECKOUT CLEAN 1	38	R
N	39	SPD		10			30	3	1	20	12		360		LIQUOR CHECKOUT CLEAN 2	40	R
	41				10				1	20	12			360	LIQUOR CHECKOUT CLEAN 3	42	R
		SUBTOTAL	3,090	2,950	2,730							2,440	1,580	4,160	SUBTOTAL		

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	5,530	COOLING		1.00	REFRIG		1.00	
AMPS	46	HEATING		0	SIGN/DISP		1.25	
TOTAL PHASE B - VA	4,530	LIGHTING		1.25	KITCHEN		1.00	
AMPS	38	RECEPTACLES	7,920	1.0/.5	EXISTING		0.80	
TOTAL PHASE C - VA	6,890	MOTORS		1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	57	SUPP HEAT		1.00	SHOW WNDW		1.25	16,950 VA
TOTAL PNLBD - VA	16,950	MISC EQUIP	9,030	1.00	LTG TRACK		1.00	47 A
AMPS	47							

PANELBOARD NOTES

2

PANELBOARD: KP (NEW)

BUS AMPS: 125A | MAIN SIZE/TYPE: 125A MCB | VOLTS/PHASE: 208Y/120V, 3PH, 4W | **SECTION: 1**
FED FROM: MDP1 | AIC RATING: FCA +10% MINIMUM FULLY RATED | SERVES: PHARMACY | MOUNTING: RECESSED | LOCATION: PHARMACY
LINE-SIDE LUGS: MECHANICAL | EQUIPMENT GROUND BUS

CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.
1	PHARM FRONT COUNTER 1	360			12	20	1	1	20	12	360			PHARM FRONT COUNTER 2	2
3	PHARM FRONT COUNTER 3		360		12	20	1	1	20	12		360		PHARM FRONT COUNTER 4	4
5	SPARE					20	1	1	20	12			360	PHARM FRONT COMPUTER	6
7	PHARM FRONT COUNTER 5	360			12	20	1	1	20	12	360			PHARM BACK COUNTER	8
9	PHARM ISLAND 1A		360		12	20	1	1	20	12		360		PHARM ISLAND 2A	10
11	PHARM ISLAND 1B			360	12	20	1	1	20	12			360	PHARM ISLAND 2B	12
13	SPARE					20	1	1	20					SPARE	14
15	SPARE					20	1	1	20					SPARE	16
17	SPARE					20	1	1	20					SPARE	18
19	EQUIPPED SPACE						1	1						EQUIPPED SPACE	20
21	EQUIPPED SPACE						1	1						EQUIPPED SPACE	22
23	EQUIPPED SPACE						1	1						EQUIPPED SPACE	24
25	EQUIPPED SPACE						1	1						EQUIPPED SPACE	26
27			10					1						EQUIPPED SPACE	28
29	SPD			10		30	3	1						EQUIPPED SPACE	30
31		10						1						EQUIPPED SPACE	32
33	CONSULT COMP.		360		12	20	1	1						EQUIPPED SPACE	34
35	CONSULT RCPTS			720	12	20	1	1	20	12			1,000	PHARM REFRIGERATOR	36
37	PNLBD CL	2,170						1	20	12	360			FRONT COUNTER RCPTS	38
39			1,730		OL	50	3	1	20	12		360		BACK COUNTER RCPTS	40
41				2,850				1	20	12			900	ISLAND PRINTERS	42
	SUBTOTAL	2,900	2,820	3,940							1,080	1,080	2,620	SUBTOTAL	

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	3,980	COOLING		1.00	REFRIG		1.00	
AMPS	33	HEATING		0	SIGN/DISP		1.25	
TOTAL PHASE B - VA	3,900	LIGHTING		1.25	KITCHEN		1.00	
AMPS	33	RECEPTACLES	14,380	1.0/.5	EXISTING		1.00	
TOTAL PHASE C - VA	6,560	MOTORS		1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	55	SUPP HEAT		1.00	SHOW WNDW		1.25	12,250 VA
TOTAL PNLBD - VA	14,440	MISC EQUIP	60	1.00	LTG TRACK		1.00	34 A
AMPS	40							

PANELBOARD NOTES

PANELBOARD LEGEND

ABBREVIATIONS — V1.00

AF	ARC FAULT CIRCUIT INTERRUPTER.	LCK	HANDLE PADLOCKABLE-OFF DEVICE.
C#	CIRCUIT VIA LIGHTING CONTACTOR #.	LO	HANDLE-ON CLAMP.
CL	CIRCUIT VIA CURRENT LIMITING DEVICE.	N	PROVIDE NEW CIRCUIT BREAKER.
D	DISCONNECT CIRCUITRY FOR REMOVED LOAD, UPDATE CIRCUIT DIRECTORY TO SPARE AND TURN OFF.	OL	REFER TO ELECTRICAL ONE-LINE/RISER DIAGRAM.
EM	EMERGENCY LIGHTING HANDLE-ON CLAMP.	PS	POWER-SWITCHING CIRCUIT BREAKER.
EX	EXISTING.	PSE	EMERGENCY POWER-SWITCHING CIRCUIT BREAKER.
F	FUTURE LOAD; NOTE AS SPARE AND TURN OFF.	R	REUSE EXISTING CIRCUIT BREAKER FOR NEW/REVISED LOAD.
FA	RED/HANDLE-ON CLAMP.	RP	CIRCUIT VIA RELAY PANEL.
GF	GROUND-FAULT CIRCUIT INTERRUPTER TYPE CIRCUIT BREAKER (5 mA).	ST	SHUNT TRIP CIRCUIT BREAKER.
GFEP	GROUND FAULT EQUIPMENT PROTECTION BREAKER (30 mA).	V	VERIFY EXISTING LOAD AND UPDATE DIRECTORY, IF UNUSED, NOTE AS SPARE AND TURN OFF.
HT	PROVIDE HANDLE-TIE FOR MULTI-WIRE BRANCH CIRCUIT PER CODE.	VD	BRANCH CIRCUITRY HAS BEEN UPSIZED TO REDUCE VOLTAGE DROP. ADJUST GROUND WIRE SIZE PER CODE. PROVIDE LUG ADAPTORS IF REQUIRED.
IG	ISOLATED GROUND CIRCUIT.	Z	CORRECT/REPAIR EXISTING HAZARD TO MAKE CODE COMPLIANT INSTALLATION.
L#	LIGHTING CONTROL SCHEME NUMBER.		

NOT ALL ABBREVIATIONS ARE USED.

REVISION		DATE BY
2	ASI #2	01/07/21
4	ASI #4	02/05/21
5	ASI #5	03/19/21
7	ASI #7	04/16/21
8	ASI #8	05/20/21

HENDERSON ENGINEERS
8345 LENEXA DRIVE, SUITE 300
LENEXA, KS 66214
TEL 913.742.5000 FAX 913.742.5001
WWW.HENDERSONENGINEERS.COM
1950003081
MO. CORPORATE NO: E-556D
EXPIRES 12/31/2021

PROFESSIONAL SEAL
STATE OF MISSOURI — VINCENT G. MASILIONIS — NUMBER PE-2008008670 — PROFESSIONAL ENGINEER
05/20/2021
VINCENT G. MASILIONIS
LICENSE # PE-2008008670

LOCATION
LEE'S SUMMIT, MO #2
310 SW WARD RD
HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935
Hy-Vee® EMPLOYEE OWNED

NORTH — PLAN NORTH

ELECTRICAL PANEL SCHEDULES

PROJECT MANAGER: SL	CHECKED BY: HEI
DRAWN BY: HENDERSON	DATE: 10/19/2020
SCALE: AS NOTED	JOB NUMBER: 62930547

SHEET: E1.1

VINCENT G. MASILIONIS
5/20/2021 1:12:31 PM

PANELBOARD: L (EXISTING)

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: ATS
AIC RATING: CONTRACTOR TO VERIFY AND NOTIFY EOR
SERVES: EMERGENCY/ NIGHT LIGHTING
MOUNTING: RECESSED
LOCATION: ELECTRICAL ROOM

EQUIPMENT GROUND BUS
FEED THRU LUGS

	CKT NO.	DESCRIPTION	A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	C	DESCRIPTION	CKT NO.	
R,EM	1	EM LTG - OFFICES/EXIT HALL	400			12	20	1	1	20	EX	500			XFMR FOR LOUVERS	2	EX
EX	3	8 SALES AREA LT FIXT		750		EX	20	1	1	20	EX		500		EXISTING LOAD	4	EX
EX	5	8 SALES AREA LT FIXT			750	EX	20	1	1	20	EX			500	EXISTING LOAD	6	EX
EX	7	LANDING LIGHT	750			EX	20	1				5,530				8	
EX	9	7 SALES AREA LT FXTT		750		EX	20	1	3	80	EX		4,530		PNLBD K	10	EX
EX	11	8 SALES AREA LT FIXT			750	EX	20	1						6,890		12	
EX	13	8 SALES AREA LT FIXT	750			EX	20	1	1	20	EX	750			DAIRY COVER LIGHTS	14	EX
EX	15	8 SALES AREA LT FIXT		750		EX	20	1	1	20	EX		750		DAIRY COVER LIGHTS	16	EX
EX	17	7 FRONT ENTRY LT FIXT			750	EX	20	1	1	20	EX			750	DAIRY COVER LIGHTS	18	EX
EX	19	5 FRONT ENTRY LT FIXT	750			EX	20	1	1	20	EX	750			DAIRY COVER LIGHTS	20	EX
R,EM	21	EM LTG - BAKERY/DELI/SF/MEAT/AOL		1,138		12	20	1	1	20	EX		750		DAIRY COVER LIGHTS	22	EX
EX	23	BACKROOM LTS			750	EX	20	1	1	20	EX			500	SPRINKLER BELL	24	EX
R,EM	25	EM LTG - MARKET GRILLE/W&S	250			12	20	1	1	20	EX	500			TELE BOARD RCPT	26	EX
EX	27	SALES AREA LIGHTS		750		EX	20	1								28	
EX	29	SALES AREA LIGHTS			750	EX	20	1	3	30					SPARE	30	V
EX	31	BACKROOM LTS	750			EX	20	1								32	
R,EM	33	EM LTG - KITCHEN/ASIAN/PIZZA		398		12	20	1	1	20	EX		500		EXISTING LOAD	34	EX
R,EM	35	EM LTG - CUST RRS/HALL			398	12	20	1	1	20	EX			500	FIRE ALARM PANEL	36	EX
	37	PNLBD LL	5,190						1	20	EX	500			TIME CLOCK	38	EX
EX	39			5,164		EX	80	3	1	20	EX		500		TELE & INTERCOM PANEL	40	EX
	41				5,072				1	20	EX			750	SCAN RM & HALLWAY LT	42	EX
		SUBTOTAL	8,840	9,700	9,220							8,530	7,530	9,890	SUBTOTAL		

TOTAL PHASE A - VA	17,370	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
AMPS	145	COOLING		1.00	REFRIG		1.00	
TOTAL PHASE B - VA	17,230	HEATING		0	SIGN/DISP		1.25	
AMPS	144	LIGHTING	3,622	1.25	KITCHEN		0.90	
TOTAL PHASE C - VA	19,110	RECEPTACLES	8,280	1.0/.5	EXISTING	32,778	1.00	
AMPS	159	MOTORS		1.00	LRG MOTOR		1.25	TOTAL DEMAND
TOTAL PNLBD - VA	53,710	SUPP HEAT		1.00	SHOW WNDW		1.25	54,616 VA
AMPS	149	MISC EQUIP	9,030	1.00	LTG TRACK		1.00	152 A

PANELBOARD NOTES

PANELBOARD: KK (NEW)

BUS AMPS: 125A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: MDP1
AIC RATING: FCA +10% MINIMUM FULLY RATED
SERVES: CLEAN POWER
MOUNTING: SURFACE
LOCATION: COMM ROOM

LINE-SIDE LUGS: MECHANICAL
EQUIPMENT GROUND BUS

CKT NO.	DESCRIPTION	A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	C	DESCRIPTION	CKT NO.
1	DIRECTORS OFFICE CLEAN	360			12	20	1	1	20	12	360			HUMAN RESOURCES CLEAN	2
3	ASST MANAGER CLEAN 1		360		12	20	1	1	20	12		360		DEPT HEADS CLEAN 1	4
5	ASST MANAGER CLEAN 2			360	12	20	1	1	20	12			360	DEPT HEADS CLEAN 2	6
7	ASST MANAGER CLEAN 3	360			12	20	1	1	20	12	360			DEPT HEADS CLEAN 3	8
9	ASST MANAGER CLEAN 4		360		12	20	1	1	20	12		360		DEPT HEADS CLEAN 4	10
11	ASST MANAGER CLEAN 5			360	12	20	1	1	20	12			360	DEPT HEADS CLEAN 5	12
13	ASST MANAGER CLEAN 6	360			12	20	1	1	20	12	360			DEPT HEADS CLEAN 6	14
15	DEPT HEADS CLEAN 7		360		12	20	1	1	20	12		360		DEPT HEADS CLEAN 8	16
17	DEPT HEADS CLEAN 9			360	12	20	1	1	20	12			360	DEPT HEADS CLEAN 10	18
19	DEPT HEADS CLEAN 11	360			12	20	1	1	20	12	360			DSD ROOM CLEAN 1	20
21	DSD ROOM CLEAN 2		360		12	20	1	1	20	12		360		DSD ROOM CLEAN 3	22
23	DSD ROOM CLEAN 4			360	12	20	1	1	20	12			360	RCPT - COMM ROOM 1	24
25	COMM ROOM RACK 1	1,200			12	20	1	1	20	12	360			RCPT - COMM ROOM 2	26
27	COMM ROOM RACK 2		1,200		12	20	1	1	20	12		360		RCPT - COMM ROOM 3	28
29	SPARE					20	1	1	20					SPARE	30
31	EQUIPPED SPACE						1	1	20					SPARE	32
33	EQUIPPED SPACE						1	1	20					SPARE	34
35	EQUIPPED SPACE						1	1	20					SPARE	36
37		10						1	20					SPARE	38
39	SPD		10			30	3	1	20					SPARE	40
41				10				1	20					SPARE	42
	SUBTOTAL	2,650	2,650	1,450							1,800	1,800	1,440	SUBTOTAL	

TOTAL PHASE A - VA	4,450	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
AMPS	37	COOLING		1.00	REFRIG		1.00	
TOTAL PHASE B - VA	4,450	HEATING		0	SIGN/DISP		1.25	
AMPS	37	LIGHTING		1.25	KITCHEN		1.00	
TOTAL PHASE C - VA	2,890	RECEPTACLES	11,760	1.0/.5	EXISTING		1.00	
AMPS	24	MOTORS		1.00	LRG MOTOR		1.25	TOTAL DEMAND
TOTAL PNLBD - VA	11,790	SUPP HEAT		1.00	SHOW WNDW		1.25	10,910 VA
AMPS	33	MISC EQUIP	30	1.00	LTG TRACK		1.00	30 A

PANELBOARD NOTES

PANELBOARD: M (EXISTING)

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: MDP1
AIC RATING: 10000 FULLY RATED
SERVES: FLORAL & FRONT POWER
MOUNTING: RECESSED
LOCATION: CUSTOMER SERVICE

EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	C	DESCRIPTION	CKT NO.	
N	1	HOT CHICKEN CASE	2,863			8	40	2	1	20	12	1,000			CASH RECYCLE MACHINE	2	R
	3			2,863					1	20	12		500		CASH ACCT - SAFE	4	R
V	5	SPARE					20	1	1	20	12			500	CASH ACCT - PRINTER	6	R
R	7	COINSTAR	500			12	20	1	1	20	12	876			WINE & SPIRITS 2DR FRIDGE	8	R
	9			7,686					1	20	10		1,000		WINE & SPIRITS NEON 1	10	R
EX	11	EXISTING LOAD			7,686	EX	80	3	1	20	10			1,000	WINE & SPIRITS NEON 2	12	R
	13		7,686						1	20	10	500			WINE & SPIRITS NEON 3	14	R
	15			7,686					1	20	12		180		CART CHARGER 1	16	R
EX	17	EXISTING LOAD			7,686	EX	80	3	1	20	12			180	CART CHARGER 2	18	R
	19		7,686						1	20	12	1,000			ATM 1	20	R
R	21	SALES GONDOLA 1		540		12	20	1	1	20	12		1,000		ATM 2	22	R
R	23	SALES GONDOLA 2			360	12	20	1	1	20	12			540	FLORAL SALES RCPTS	24	R
R	25	SALES GONDOLA 3	360			12	20	1	1	20	12	720			FLORAL BACK COUNTER	26	R
R	27	SALES GONDOLA 4		360		12	20	1	1	20	12		720		FLORAL PREP ROOM 1	28	R
R	29	SALES GONDOLA 5			360	12	20	1	1	20	12			360	FLORAL PREP ROOM 2	30	R
R	31	SALES GONDOLA 6	360			12	20	1	1	20	12	500			FLORAL WALK IN AUTO DOOR	32	R
R	33	SALES GONDOLA 7		360		12	20	1	1	20	12		180		PRODUCE CASE RCPT	34	R
R	35	SALES GONDOLA 8			360	12	20	1	2	20	12			1,946	PRODUCE DROP CORD 1	36	N
R	37	SALES GONDOLA 9	360			12	20	1				1,946				38	
R	39	SALES GONDOLA 10		360		12	20	1	2	20	12		1,946		PRODUCE DROP CORD 2	40	R
R	41	SALES GONDOLA 11			360	12	20	1						1,946		42	
		SUBTOTAL	19,815	19,855	16,812							6,542	5,526	6,472	SUBTOTAL		

TOTAL PHASE A - VA	26,357	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
AMPS	220	COOLING		0	REFRIG		1.00	
TOTAL PHASE B - VA	25,381	HEATING	5,726	1.00	SIGN/DISP		1.25	
AMPS	212	LIGHTING		1.25	KITCHEN		1.00	
TOTAL PHASE C - VA	23,284	RECEPTACLES	22,680	1.0/.5	EXISTING	46,116	1.00	
AMPS	194	MOTORS		1.00	LRG MOTOR		1.25	TOTAL DEMAND
TOTAL PNLBD - VA	75,022	SUPP HEAT		1.00	SHOW WNDW		1.25	68,682 VA
AMPS	208	MISC EQUIP	500	1.00	LTG TRACK		1.00	191 A

PANELBOARD NOTES

PANELBOARD: N (NEW)

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: MDP1
AIC RATING: 10000 FULLY RATED
SERVES: PHARMACY & SALES FLR POWER
MOUNTING: SURFACE
LOCATION: CLINIC HALL

EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	C	DESCRIPTION	CKT NO.	
R	1	W VESTIBULE CART SANITIZER	1,200			12	20	1				5,356				2	
R	3	AOL DOOR SECURITY RCPT		360		12	20	1	3	50	6		5,356		RTU-11 (CUST SERV/AOL)	4	N
EX	5	SECURITY & TV RCPT			500	EX	20	1						5,356		6	
EX	7	EXISTING LOAD	500			EX	20	1	1	20					SPARE	8	V
EX	9	EXISTING LOAD		500		EX	20	1	1	20	12		500		BP MACHINE	10	R
EX	11	EXISTING LOAD			500	EX	20	1	1	20	12			1,000	CUSTOMER SERVICE COPIER	12	R
R	13	SALES FLOOR 10' RCPTS	1,440			12	20	1	1	20	EX	500			HANDICAPPED SHOP CART	14	EX
R	15	BULK FOOD SCALES		360		12	20	1	2	30	EX		2,496		EXISTING LOAD	16	EX
N	17	WH-4 A			4,150	8	40	2						2,496		18	
	19		4,150						1	20	EX	500			EXISTING LOAD	20	EX
R	21	CUSTOMER SERVICE SCREENS		360		12	20	1	1	20	EX		500		EXISTING LOAD	22	EX
EX	23	EX. FAN EF-6			500	EX	20	1	1	20	EX			500	EXISTING LOAD	24	EX
R	25	ELECTRIC WATER COOLER	500			12	20	1	1	20	12	360			BEAUTY SHELVING 4	26	R
N	27	WH-4 B		4,150		8	40	2	1	20	12		360		BEAUTY SHELVING 5	28	R
	29				4,150				1	20	12			360	CANDY SHELVING 1	30	R
R	31	BEAUTY SHELVING MONITOR	180			12	20	1	1	20	12	360			CANDY SHELVING 2	32	R
R	33	BEAUTY SHELVING 1		1,200		12	20	1	1	20	12		500		CANDY SHOP END CAP	34	EX
R	35	BEAUTY SHELVING 2			1,200	12	20	1	1	20	12			500	KIDDIE RIDE	36	EX
R	37	BEAUTY SHELVING 3	1,200			12	20	1	1	20	EX	1,200			NON FOOD SHELF LTG	38	EX
EX	39	EXISTING LOAD		500		EX	20	1	1	20	EX		500		EXISTING LOAD	40	EX
EX	41	EXISTING LOAD			500	EX	20	1	1	20	12			360	ROOFTOP RCPTS	42	R
		SUBTOTAL	9,170	7,430	11,500							8,276	10,212	10,572	SUBTOTAL		

TOTAL PHASE A - VA	17,446	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
AMPS	145	COOLING	16,068	1.00	REFRIG		1.00	
TOTAL PHASE B - VA	17,642	HEATING		0	SIGN/DISP		1.25	
AMPS	147	LIGHTING	3,600	1.25	KITCHEN		1.00	
TOTAL PHASE C - VA	22,072	RECEPTACLES	6,000	1.0/.5	EXISTING	12,192	1.00	
AMPS	184	MOTORS		1.00	LRG MOTOR		1.25	TOTAL DEMAND
TOTAL PNLBD - VA	57,160	SUPP HEAT	16,600	1.00	SHOW WNDW		1.25	58,060 VA
AMPS	159	MISC EQUIP	2,700	1.00	LTG TRACK		1.00	161 A

PANELBOARD NOTES

PANELBOARD: P (EXISTING)

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: MDP1
AIC RATING: 10000 FULLY RATED
SERVES: REFRIGERATION
MOUNTING: SURFACE
LOCATION: ELECTRICAL ROOM

EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	C	DESCRIPTION	CKT NO.	
EX	1	WHITE CORD DROP	1,000			EX	20	1	1	20	12	720			AOL COMPUTERS	2	R
	3			2,702					1	20	12		1,000		AOL ORDER CR/PRINTER	4	R
N	5	BAKERY OVEN DECK 1			2,702	10	30	3	1	20	EX			1,000	FREEZER HEAT TAPE	6	EX
	7		2,702						1	20	EX	1,000			FREEZER LIGHTS	8	EX
	9			2,702					1	20	EX		1,000		DOOR HEAT FREEZER	10	EX
N	11	BAKERY OVEN DECK 2			2,702	10	30	3	1	20	EX			1,000	MEAT COOLER LIGHTS	12	EX
	13		2,702						1	20	12	500			AOL AUTO DOOR 1	14	R
	15			2,702					1	20	12		500		AOL AUTO DOOR 2	16	R
N	17	BAKERY OVEN DECK 3			2,702	10	30	3	1	20	EX			1,000	MEAT COOLER HEAT TAPE	18	EX
	19		2,702						1	20	EX	1,000			MILK COOLER LIGHTS	20	EX
R	21	H-5 HOOD CONTROL		500		12	20	1	1	20					SPARE	22	
R	23	AOL CONV RCPTS 1			360	12	20	1	1	20	EX			1,000	WHITE CORD DROP	24	EX
R	25	AOL CONV RCPTS 2	540			12	20	1	1	20					SPARE	26	
EX	27	DELI COOLER LTS		1,000		EX	20	1	1	20	EX		1,000		PRODUCE COOLER LTS	28	EX
	29	SPARE					20	1	1	20					SPARE	30	
	31	SPARE					20	1	1	20	EX	500			S AIR HANDLER GFI	32	EX
R,1	33	LTG - WALK IN BEER COOLER		520		12	20	1	1	20	EX		500		S AIR HANDLER SMOKE DET.	34	EX
R,1	35	LTG - BEER COOLER DRS 1			1,000	12	20	1	1	20	EX			1,000	BAKERY DOOR SPARE ON TOP	36	EX
R	37	BEER COOLER DRS A/S 1	1,000			12	20	1	1	20	EX	500			BAKERY BARKER CASES	38	EX
R,1	39	LTG - BEER COOLER DRS 2		1,000		12	20	1	1	20	EX		500		LEAK DETECTOR SYSTEM	40	EX
R	41	BEER COOLER DRS A/S 2			1,000	12	20	1	1	20	EX			500	CHINESE FRZER HEAT TAPE	42	EX
		SUBTOTAL	10,646	11,126	10,466							4,220	4,500	5,500	SUBTOTAL		

TOTAL PHASE A - VA	14,866	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
AMPS	124	COOLING		1.00	REFRIG	1,000	1.00	
TOTAL PHASE B - VA	15,626	HEATING		0	SIGN/DISP		1.25	
AMPS	130	LIGHTING	2,520	1.25	KITCHEN	24,318	0.90	
TOTAL PHASE C - VA	15,966	RECEPTACLES	2,620	1.0/.5	EXISTING	13,500	1.00	
AMPS	133	MOTORS		1.00	LRG MOTOR		1.25	TOTAL DEMAND
TOTAL PNLBD - VA	46,458	SUPP HEAT	2,000	1.00	SHOW WNDW		1.25	45,656 VA
AMPS	129	MISC EQUIP	1,500	1.00	LTG TRACK		1.00	127 A

PANELBOARD NOTES

1. CONTROL VIA EXISTING LIGHTING CONTROL PANEL

PANELBOARD: S (NEW)

BUS AMPS: 100A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: MDP1
AIC RATING: 10000 FULLY RATED
SERVES: W&S/OFFICES
MOUNTING: RECESSED
LOCATION: STORAGE

EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	C	DESCRIPTION	CKT NO.	
N	1	VAV 10-1	750			12	20	2	1	20	12	500			HUMIDOR SHELF LTG	2	R
	3			750					1	20	12		1,200		W&S BEER SIGN	4	R
N	5	VAV 10-2			1,750	12	20	2	1	20	12			160	LTG - BAR RECESSED	6	R
	7		1,750						1	20	12	216			LTG - OVERHEAD RECESSED	8	R
N	9	VAV 10-3		1,000		12	20	2	1	20	12		500		LTG - BACK BAR DISPLAY	10	R
	11				1,000				1	20	12			180	LTG - BAR FLOODS	12	R
N	13	VAV 10-4	1,500			12	20	2				5,356				14	
	15			1,500					3	50	6		5,356		RTU-10 (OFFICES)	16	N
N	17	VAV 10-5			750	12	20	2						5,356		18	
	19		750						1	20	12	200			LTG - BAR TRELLIS	20	R
R	21	DINING COFFEE MAKER		1,800		10	30	2	2	30	10		2,000		W&S VESTIBULE ECH	22	R
	23				1,800									2,000		24	
N	25	DINING CONV RCPTS 3	900			12	20	1	1	20	12	540			BAR TVS 2	26	N
N	27	DINING TVS		360		12	20	1	1	20	12		780		BACK BAR COOLER 1	28	N
N	29	BAR TVS 1			360	12	20	1	1	20	12			780	BACK BAR COOLER 2	30	N
		SUBTOTAL	5,650	5,410	5,660							6,812	9,836	8,476	SUBTOTAL		

TOTAL PHASE A - VA	12,462	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
AMPS	104	COOLING	16,068	1.00	REFRIG		1.00	
TOTAL PHASE B - VA	15,246	HEATING	11,500	0	SIGN/DISP	1,200	1.25	
AMPS	127	LIGHTING	1,756	1.25	KITCHEN	5,160	0.90	
TOTAL PHASE C - VA	14,136	RECEPTACLES	2,160	1.0/.5	EXISTING		1.00	
AMPS	118	MOTORS		1.00	LRG MOTOR		1.25	TOTAL DEMAND
TOTAL PNLBD - VA	41,844	SUPP HEAT	4,000	1.00	SHOW WNDW		1.25	30,567 VA
AMPS	116	MISC EQUIP		1.00	LTG TRACK		1.00	85 A

PANELBOARD NOTES

SIGN/DISPLAY - SIGNAGE & DISPLAY CASE

PANELBOARD: T (EXISTING)

BUS AMPS: 100A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: MDP1
AIC RATING: 10000 FULLY RATED
SERVES: REFRIGERATION
MOUNTING: SURFACE
LOCATION: ELECTRICAL ROOM

EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	C	DESCRIPTION	CKT NO.	
V	1	SPARE					20	1	1	20	EX	1,200			TRUCK OUTLET HEATER?	2	EX
V	3	SPARE					20	2	1	20	EX		1,000		HVAC CONTROL PANEL	4	EX
	5								1	20	EX			1,000	KCPL/INNOVATOR	6	EX
EX	7	CHEESE CASE FANS	500			EX	20	1	1	20	EX	1,000			KCPL/INNOVATOR	8	EX
	9	EQUIPPED SPACE						1	1	20	12		360		FROZEN CASE RCPT 1	10	R
V	11	SPARE					20	1	1	20	12			360	FROZEN CASE RCPT 2	12	R
	13		3,843						1	20	12	360			FROZEN CASE RCPT 3	14	R
EX	15	MOTOR ROOM HEATER		3,843		EX	40	3	1	20	12		360		FROZEN CASE RCPT 4	16	R
	17				3,843				1	20					SPARE	18	V
	19	EQUIPPED SPACE						1	1	20	EX	1,000			CULLIGAN WATER SYSTEM	20	EX
EX	21	DEMO		500		EX	20	1	2	20					SPARE	22	V
EX	23	SW FROZEN RCPT			500	EX	20	1								24	
	25		7,686						1	20	EX	500			DAIRY COLUMN RCPT	26	EX
EX	27	WALK IN FREEZER		7,686		EX	80	3	1	20	EX		500		DAIRY RCPT	28	EX
	29				7,686				1	20	EX			500	T STAT SOLENOID MEAT COF.	30	EX
		SUBTOTAL	12,029	12,029	12,029							4,060	2,220	1,860	SUBTOTAL		

TOTAL PHASE A - VA	16,089	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
AMPS	134	COOLING		1.00	REFRIG		1.00	
TOTAL PHASE B - VA	14,249	HEATING		0	SIGN/DISP		1.25	
AMPS	119	LIGHTING		1.25	KITCHEN		1.00	
TOTAL PHASE C - VA	13,889	RECEPTACLES	1,440	1.0/.5	EXISTING	42,787	0.80	
AMPS	116	MOTORS		1.00	LRG MOTOR		1.25	TOTAL DEMAND
TOTAL PNLBD - VA	44,227	SUPP HEAT		1.00	SHOW WNDW		1.25	35,670 VA
AMPS	123	MISC EQUIP		1.00	LTG TRACK		1.00	99 A

PANELBOARD NOTES

PANELBOARD: U (NEW)

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: MDP1
AIC RATING: 10000 FULLY RATED
SERVES: FRONT OFFICE
MOUNTING: SURFACE
LOCATION: STORAGE

EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	C	DESCRIPTION	CKT NO.	
	1		7,073						1	20	12	720			BAR RCPTS & PRINTER	2	R
N	3	RTU-12 (WINE & SPIRITS)		7,073		4	70	3	1	20	12		540		SUSHI SCALE/TVS	4	V
	5				7,073				1	20	12			190	SUSHI RICE SHEETER	6	V
R	7	W&S VESTUBULE AUTO DOOR	1,000			12	20	1	1	20	12	540			BAR CONV RCPTS	8	R
R	9	SODA ICE MACHINE 2		1,435		12	20	2	1	20	12		540		DINING CONV RCPTS 1	10	R
	11				1,435				1	20	12			540	DINING CONV RCPTS 2	12	R
N	13	W&S DOOR BUZZER	200			12	20	1	1	20	12	264			LTG - CUST RR VANITY	14	R
	15	EQUIPPED SPACE						1	1	20	12		540		HUMAN RESOURCES RCPT 1	16	R
R	17	DIRECTORS OFFICE RCPT 1			540	12	20	1	1	20	12			720	HUMAN RESOURCES RCPT 2	18	R
R	19	DIRECTORS OFFICE RCPT 2	540			12	20	1	1	20	12	360			HALLWAY RCPTS/TIMECLOCK	20	R
R	21	ASSISTANT MGRS RCPT		540		12	20	1	1	20	12		1,000		EMP. LOUNGE FRIDGE 1	22	R
R	23	RESTROOM RCPTS 1			720	12	20	1	1	20	12			1,000	EMP. LOUNGE FRIDGE 2	24	R
R	25	RESTROOM RCPTS 2	720			12	20	1	1	20	12	720			EMP. LOUNGE RCPTS/TV	26	R
R	27	RESTROOM RCPTS/MOTHERS ROOM		720		12	20	1	1	20	EX		500		EMS PANEL	28	EX
N,GF	29	EMP. LOUNGE POP MACH. 1			500	12	20	1	1	20	12			624	LTG - EMP LOUNGE/DEPT HD	30	R
N,GF	31	EMP. LOUNGE POP MACH. 2	500			12	20	1	1	20	12	522			LTG - ASST MGR/DIR OFF/HR	32	R
R	33	EMP. LOUNGE RCPTS		720		12	20	1	1	20	12		600		LTG - DRUM LIGHTS	34	R
R	35	W&S RFLN-2 DEFROST			697	12	20	2	1	20	12			450	LTG - TRACK PENDANTS	36	R
	37		697						1	20	12	200			LTG - CYLINDER LIGHTS	38	R
R	39	W&S RFLN-2 FANS		1,248		12	20	1	1	20	12		60		CP-1	40	R
R	41	ROOFTOP RCPTS			720	12	20	1	1	20	EX			500	HVAC CONTROL PANEL	42	EX
		SUBTOTAL	10,730	11,736	11,685							3,326	3,780	4,024	SUBTOTAL		

TOTAL PHASE A - VA	14,056	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
AMPS	117	COOLING	21,219	1.00	REFRIG	2,642	1.00	
TOTAL PHASE B - VA	15,516	HEATING		0	SIGN/DISP		1.25	
AMPS	129	LIGHTING	2,660	1.25	KITCHEN	3,060	1.00	
TOTAL PHASE C - VA	15,709	RECEPTACLES	12,440	1.0/.5	EXISTING	1,000	1.00	
AMPS	131	MOTORS	60	1.00	LRG MOTOR		1.25	TOTAL DEMAND
TOTAL PNLBD - VA	45,281	SUPP HEAT		1.00	SHOW WNDW		1.25	44,726 VA
AMPS	126	MISC EQUIP	2,200	1.00	LTG TRACK		1.00	124 A

PANELBOARD NOTES

PANELBOARD: V (EXISTING)

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: MDP1
AIC RATING: CONTRACTOR TO VERIFY AND NOTIFY EOR
SERVES: BAKERY
MOUNTING: RECESSED
LOCATION: DRY STORAGE

EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	C	DESCRIPTION	CKT NO.	
EX	1	DELI PREP DISPOSAL	500			EX	20	1	1	20	EX	1,000			JET	2	EX
EX	3	RANGE RCPT		500		EX	20	1	1	20	10		1,800		CAPPUCCINO MACHINE	4	R
EX	5	RANGE RCPT			500	EX	20	1	1	20	10			1,500	TEA	6	R
EX	7	TURBO OVEN	2,496			EX	30	2	1	20	EX	1,000			EXISTING LOAD	8	EX
	9			2,496					2	20	EX		1,664		DELI TOASTER	10	EX
EX	11	EXISTING LOAD			500	EX	20	1						1,664		12	
	13		456						1	20	12	804			KITCHEN REF. TABLE COOKLINE	14	R
N	15	KEF-3		456		12	20	3	1	20	EX		500		EXISTING LOAD	16	EX
	17				456				1	20	EX			500	RCPT IT RACK PRODUCE	18	EX
EX	19	DELI GAS FRYER	1,200			EX	20	1	2	20	EX	1,664			EXISTING LOAD	20	EX
	21			4,804									1,664			22	
EX	23	DELI FRYER			4,804	EX	50	3	1	20	EX			500	EXISTING LOAD	24	EX
	25		4,804									2,882				26	
EX	27	DELI COFFEE MAKER		2,496		EX	30	1	3	30	EX		2,882		EXISTING LOAD	28	EX
	29				2,496									2,882		30	
	31		4,804						1	20	EX	500			EXISTING LOAD	32	EX
EX	33	DELI FRYER		4,804		EX	50	3	1	20	EX		500		EXISTING LOAD	34	EX
	35				4,804				1	20	EX			500	EXISTING LOAD	36	EX
EX	37	SMOKER	2,496			EX	30	2	1	20	10	720			8 HEAD SODA MACHINE 1	38	R
	39			2,496					1	20	10		720		8 HEAD SODA MACHINE 2	40	R
N	41	FRESH JUICE MACHINE			410	12	20	1	1	20	10			1,800	SODA ICE MAKER 1	42	R
		SUBTOTAL	16,756	18,052	13,970							8,570	9,730	9,346	SUBTOTAL		

TOTAL PHASE A - VA	25,326	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
AMPS	211	COOLING		1.00	REFRIG		1.00	
TOTAL PHASE B - VA	27,782	HEATING		0	SIGN/DISP		1.25	
AMPS	232	LIGHTING		1.25	KITCHEN	7,754	0.65	
TOTAL PHASE C - VA	23,316	RECEPTACLES		1.0/.5	EXISTING	67,302	1.00	
AMPS	194	MOTORS	1,368	1.00	LRG MOTOR		1.25	TOTAL DEMAND
TOTAL PNLBD - VA	76,424	SUPP HEAT		1.00	SHOW WNDW		1.25	73,710 VA
AMPS	212	MISC EQUIP		1.00	LTG TRACK		1.00	205 A

PANELBOARD NOTES

PANELBOARD LEGEND

ABBREVIATIONS V1.00

AF	ARC FAULT CIRCUIT INTERRUPTER.
C#	CIRCUIT VIA LIGHTING CONTACTOR #.
CL	CIRCUIT VIA CURRENT LIMITING DEVICE.
D	DISCONNECT CIRCUITRY FOR REMOVED LOAD, UPDATE CIRCUIT DIRECTORY TO SPARE AND TURN OFF.
EM	EMERGENCY LIGHTING HANDLE-ON CLAMP.
EX	EXISTING.
F	FUTURE LOAD; NOTE AS SPARE AND TURN OFF.
FA	RED/HANDLE-ON CLAMP.
GF	GROUND-FAULT CIRCUIT INTERRUPTER TYPE CIRCUIT BREAKER (5 mA).
GFEP	GROUND FAULT EQUIPMENT PROTECTION BREAKER (30 mA).
HT	PROVIDE HANDLE-TIE FOR MULTI-WIRE BRANCH CIRCUIT PER CODE.
IG	ISOLATED GROUND CIRCUIT.
L#	LIGHTING CONTROL SCHEME NUMBER.
LCK	HANDLE PADLOCKABLE-OFF DEVICE.
LO	HANDLE-ON CLAMP.
N	PROVIDE NEW CIRCUIT BREAKER.
OL	REFER TO ELECTRICAL ONE-LINE/RISER DIAGRAM.
PS	POWER-SWITCHING CIRCUIT BREAKER.
PSE	EMERGENCY POWER-SWITCHING CIRCUIT BREAKER.
R	REUSE EXISTING CIRCUIT BREAKER FOR NEW/REVISED LOAD.
RP	CIRCUIT VIA RELAY PANEL.
ST	SHUNT TRIP CIRCUIT BREAKER.
V	VERIFY EXISTING LOAD AND UPDATE DIRECTORY, IF UNUSED, NOTE AS SPARE AND TURN OFF.
VD	BRANCH CIRCUITRY HAS BEEN UPSIZED TO REDUCE VOLTAGE DROP. ADJUST GROUND WIRE SIZE PER CODE. PROVIDE LUG ADAPTORS IF REQUIRED.
Z	CORRECT/REPAIR EXISTING HAZARD TO MAKE CODE COMPLIANT INSTALLATION.

NOT ALL ABBREVIATIONS ARE USED.

REVISION		DATE BY
2	ASI #2	01/07/21
3	ASI #3	01/26/21
4	ASI #4	02/05/21
5	ASI #5	03/19/21
7	ASI #7	04/16/21
8	ASI #8	05/20/21

HENDERSON ENGINEERS
8345 LENEXA DRIVE, SUITE 300
LENEXA, KS 66214
TEL 913.742.5000 **FAX** 913.742.5001
WWW.HENDERSONENGINEERS.COM
1950003081
MO. CORPORATE NO: E-556D
EXPIRES 12/31/2021

PROFESSIONAL SEAL

STATE OF MISSOURI
VINCENT G. MASILIONIS
NUMBER PE-2008008670
PROFESSIONAL ENGINEER

05/20/2021

VINCENT G. MASILIONIS
LICENSE # PE-2008008670

LOCATION
LEE'S SUMMIT, MO #2
310 SW WARD RD

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

HyVee® EMPLOYEE OWNED

NORTH PLAN NORTH

ELECTRICAL PANEL SCHEDULES

PROJECT MANAGER: SL	CHECKED BY: HEI
DRAWN BY: HENDERSON	DATE: 10/19/2020
SCALE: AS NOTED	JOB NUMBER: 62930547

SHEET: E1.2

VINCENT G. MASILIONIS
5/20/2021 1:12:46 PM

PANELBOARD: VV (EXISTING)

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: MDP1
AIC RATING: CONTRACTOR TO VERIFY AND NOTIFY EOR
SERVES: BACK OF HOUSE
MOUNTING: RECESSED
LOCATION: DRY STORAGE

LINE-SIDE LUGS: MECHANICAL
EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.	
EX	1	BACKROOM LIGHTS	1,200			EX	20	1	1	20	EX	1,000			UNIT HEATERS	2	EX
EX	3	BACKROOM LIGHTS		1,200		EX	20	1	1	20	12		360		DSD ROOM RCPTS	4	R
EX	5	BACKROOM LIGHTS			1,200	EX	20	1	1	20	12			252	CS-1	6	R
EX	7	BACKROOM LIGHTS	1,200			EX	20	1	1	20	EX	1,200			POP STORAGE LTG	8	EX
EX	9	DOCK RCPT		500		EX	20	1	1	20	EX		1,200		POP STORAGE LTG	10	EX
	11	EQUIPPED SPACE						1	1	20	EX			500	DSD ROOM AC	12	EX
	13		1,921						1	20	EX	500			EXISTING LOAD	14	EX
EX	15	EAST DOCK LEVELER		1,921		EX	20	3	1	20	EX		1,000		FLOOR MACHINE RCPT	16	EX
	17				1,921				1	20	12			1,000	EMP. LOUNGE MICROWAVE	18	R
	19		1,921						1	20					SPARE	20	V
EX	21	WEST DOCK LEVELER		1,921		EX	20	3	1	20	12		500		TF-1	22	R
	23				1,921				1	20	12			500	TF-2	24	R
	25		4,804						1	20	EX	1,000			BAKERY OVEN & AROMA FAN	26	EX
EX	27	SOUTH COMPACTOR		4,804		EX	50	3					456			28	
	29				4,804				3	20	12			456	KEF-8	30	N
EX	31	RCPTS SOUTH ENTRY	500			EX	20	1				456				32	
EX	33	RCPTS SOUTH ENTRY		500		EX	20	1	1	20	12		500		H-8 HOOD CONTROL	34	R
EX	35	RCPTS SOUTH ENTRY			500	EX	20	1	1	20	12			270	HIBACHI COLD BAR	36	R
EX	37	RCPTS SOUTH ENTRY	500			EX	20	1	1	20	12	500			H-2 HOOD CONTROL	38	R
EX	39	RCPTS SOUTH ENTRY		500		EX	20	1	1	20	12		180		CHECKOUT PRINTER	40	R
EX	41	RCPT ALARM BACK ROOM			500	EX	20	1	1	20	EX			1,000	RCPT BACK DOOR/COKE MACH.	42	EX
		SUBTOTAL	12,046	11,346	10,846							4,656	4,196	3,978	SUBTOTAL		

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	16,702	COOLING		1.00	REFRIG		1.00	
AMPS	139	HEATING		0	SIGN/DISP		1.25	
TOTAL PHASE B - VA	15,542	LIGHTING		1.25	KITCHEN	1,270	1.00	
AMPS	130	RECEPTACLES	540	1.0/.5	EXISTING	42,638	1.00	
TOTAL PHASE C - VA	14,824	MOTORS	1,620	1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	124	SUPP HEAT		1.00	SHOW WNDW		1.25	47,068 VA
TOTAL PNLBD - VA	47,068	MISC EQUIP	1,000	1.00	LTG TRACK		1.00	131 A
AMPS	131							

PANELBOARD NOTES

PANELBOARD: W (EXISTING)

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: MDP1
AIC RATING: CONTRACTOR TO VERIFY AND NOTIFY EOR
SERVES: DELI
MOUNTING: RECESSED
LOCATION: DRY STORAGE

EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.	
	1		1,741						1	20	EX	500			RTU #3 SMOKE DETECTOR	2	EX
R	3	MAU-1 CONDENSER 1		1,741		12	20	3	1	20	EX		500		BAGIN BOX	4	EX
	5				1,741				1	20	EX			500	EXISTING LOAD	6	EX
	7		2,570						1	20	EX	500			EXISTING LOAD	8	EX
N	9	MAU-1 CONDENSER 2		2,570		10	30	3					793			10	
	11				2,570				3	20	12			793	KEF-2	12	N
	13		733									793				14	
R	15	KEF-1A		733		12	20	3	1						EQUIPPED SPACE	16	V
	17				733				1	20	EX			500	CHINESE FRYER, PRINTER	18	EX
	19		456						1	20	12	500			ASIAN/HIBACHI TV MENUS	20	R
R	21	KEF-1B		456		12	20	3	1	20	12		500		HICKORY/REGISTERS TV MENUS	22	R
	23				456				1	20	12			1,600	PIZZA REF TABLE	24	R
	25		6,725						1	20	EX	500			PIZZA HOT LAMPS	26	EX
EX	27	RTU-3 (DINING)		6,725		EX	70	3	1	20	12		1,120		KITCHEN REACH IN FREEZER	28	R
	29				6,725				1	20	12			360	PIZZA TVS	30	R
	31	EQUIPPED SPACE						1	1	20	12	480			PIZZA OVEN VIA HCP	32	N,GF
EX	33	ROOF TOP #3 GFI		500		EX	20	1	1	20	12		1,150		PIZZA DOUGH PRESS	34	R
	35	EQUIPPED SPACE						1	1	20	12			500	PIZZA SCALE AND LOWERATOR	36	R
	37		7,686						1	20	12	756			PIZZA - EF-4	38	R
EX	39	EXISTING LOAD		7,686		EX	80	3	1	20	12		500		HOOD H-4 CONTROL	40	R
	41				7,686				1	20	EX			500	PIZZA COLUMN RCPT	42	EX
		SUBTOTAL	19,911	20,411	19,911							4,029	4,563	4,753	SUBTOTAL		

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	23,940	COOLING		1.00	REFRIG		1.00	
AMPS	200	HEATING		0	SIGN/DISP		1.25	
TOTAL PHASE B - VA	24,974	LIGHTING		1.25	KITCHEN	4,850	0.70	
AMPS	208	RECEPTACLES	1,860	1.0/.5	EXISTING	47,233	1.00	
TOTAL PHASE C - VA	24,664	MOTORS	19,635	1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	206	SUPP HEAT		1.00	SHOW WNDW		1.25	72,123 VA
TOTAL PNLBD - VA	73,578	MISC EQUIP		1.00	LTG TRACK		1.00	200 A
AMPS	204							

PANELBOARD NOTES

PANELBOARD: X (EXISTING)

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: MDP1
AIC RATING: 10000 FULLY RATED
SERVES: KITCHEN
MOUNTING: RECESSED
LOCATION: DRY STORAGE

EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.	
R	1	CHINESE PRINTERS	360			12	20	1				4,323				2	
R	3	CHINESE RICE WARMER/LOW.		500		12	20	1	3	50	6		4,323		BAKERY PROOFER	4	N
R	5	CHINESE REF. TABLE			1,080	12	20	1						4,323		6	
	7		2,954						1	20	12	500			BAKERY PROOFER CONTROL	8	R
R	9	DELI DISHWASHER		2,954		10	30	3	1	20	12		360		BAKERY FLOOR BOXES	10	R
	11				2,954				2	20	EX			1,664	BACK RM ICE MACHINE	12	EX
EX	13	PANINI PRESS	1,664			EX	20	2				1,664				14	(2)
	15			1,664					1	20	12		600		WH-1 A	16	R
R	17	KITCHEN OIL SYSTEM			1,320	12	20	1	1	20	12			600	WH-1 B	18	R
EX	19	EXISTING LOAD	500			EX	20	1	1	30	EX	500			EXISTING LOAD	20	EX
EX	21	EXISTING LOAD		500		EX	20	1	2	20	EX		1,664		EXISTING LOAD	22	EX
EX	23	EXISTING LOAD			500	EX	20	1						1,664		24	
EX	25	EXISTING LOAD	500			EX	20	1				5,440				26	
EX	27	PRODUCE BUG LIGHT		500		EX	20	1	3	60	6		5,440		MAU-1 FANS	28	N
EX	29	WINE TASTING RCPT			500	EX	20	1						5,440		30	
EX	31	WINE TASTING RCPT	500			EX	20	1	1	20	EX	500			CLG RCPT FRUIT & JUICE RCPT	32	EX
R	33	BAKERY WRAPPER		500		12	20	1	1	20	12		1,375		CHINESE HEAT LAMPS 1	34	R
R	35	BAKERY SCALES 2			360	12	20	1	1	20	12			1,375	CHINESE HEAT LAMPS 2	36	R
EX	37	BAKERY DISPLAY CASE	500			EX	20	1				9,607				38	
EX	39	TV RCPT		500		EX	20	1	3	100	EX		9,607		BAKERY PAN WASH	40	EX
EX	41	TV RCPT			500	EX	20	1						9,607		42	
		SUBTOTAL	6,978	7,118	7,214							22,534	23,369	24,673	SUBTOTAL		

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	29,512	COOLING		1.00	REFRIG		1.00	
AMPS	246	HEATING		0	SIGN/DISP		1.25	
TOTAL PHASE B - VA	30,487	LIGHTING	2,750	1.25	KITCHEN	15,049	0.80	
AMPS	254	RECEPTACLES	1,080	1.0/.5	EXISTING	44,805	0.80	
TOTAL PHASE C - VA	31,887	MOTORS	25,182	1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	266	SUPP HEAT	1,200	1.00	SHOW WNDW		1.25	80,603 VA
TOTAL PNLBD - VA	91,886	MISC EQUIP	1,820	1.00	LTG TRACK		1.00	224 A
AMPS	255							

PANELBOARD NOTES

PANELBOARD: AA1 (EXISTING)

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: MDP1
AIC RATING: CONTRACTOR TO VERIFY AND NOTIFY EOR
SERVES: FRONT OF HOUSE
MOUNTING: RECESSED
LOCATION: CUSTOMER SERVICE

LINE-SIDE LUGS: MECHANICAL
EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.	
EX	1	JEWELRY GONDOLA	500			EX	20	1	1	20	EX	500			DRY CLEAN & POSTAL IG	2	EX
EX	3	GONDOLA		500		EX	20	1	1	20	EX		1,000		2014 WATER DISP.	4	EX
EX	5	S POP MACHINE RCPTS			1,000	EX	20	1	1	20	EX			500	DEMO RCPT WEST END	6	EX
EX	7	S POP MACHINE RCPTS	1,000			EX	20	1	1	20	EX	1,000			EXISTING LOAD	8	EX
EX	9	EXISTING LOAD		1,000		EX	20	1	1	20	EX		1,000		EXISTING LOAD	10	EX
EX	11	EXISTING LOAD			1,000	EX	20	1	1	20	EX			1,000	EXISTING LOAD	12	EX
EX	13	EXISTING LOAD	1,000			EX	20	1	1	20	EX	1,000			EXISTING LOAD	14	EX
EX	15	EXISTING LOAD		1,000		EX	20	1	1	30	EX		1,000		COFFEE GRINDER	16	EX
EX	17	EXISTING LOAD			1,000	EX	20	1	2	40	EX			3,328	EXISTING LOAD	18	EX
EX	19	EXISTING LOAD	1,000			EX	20	1				3,328				20	
EX	21	EXISTING LOAD		1,000		EX	20	1	1	20	EX		1,000		EXISTING LOAD	22	EX
EX	23	EXISTING LOAD			1,000	EX	20	1	1	20	EX			1,000	EXISTING LOAD	24	EX
EX	25	EXISTING LOAD	1,664			EX	20	2	1	20	12	1,000			RED BOX POWER POLE	26	R
	27			1,664					1	20	EX		500		POLE LIGHT RCPT	28	EX
EX	29	EXISTING LOAD			1,000	EX	20	1	1	20	EX			1,000	POP MACHINE	30	EX
EX	31	EXISTING LOAD	1,000			EX	20	1	1	20	EX	1,000			POP MACHINE	32	EX
EX	33	SANDWICH CASE		2,496		EX	30	2	1	20	EX		1,000		POP MACHINE	34	EX
	35				2,496				1	20	EX			1,000	LOTTO MACHINE	36	EX
EX	37	RCPT AT SANDWICH CASE	500			EX	20	1	1	20	EX	1,000			MILK COOLER	38	EX
EX	39	EXISTING LOAD		1,000		EX	20	1	1	20	12		180		CART CHARGER 1	40	R
EX	41	EXISTING LOAD			1,000	EX	20	1	1	20	12			180	CART CHARGER 2	42	R
		SUBTOTAL	6,664	8,660	8,496							8,828	5,680	8,008	SUBTOTAL		

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	15,492	COOLING		1.00	REFRIG		1.00	
AMPS	129	HEATING		0	SIGN/DISP		1.25	
TOTAL PHASE B - VA	14,340	LIGHTING		1.25	KITCHEN		1.00	
AMPS	120	RECEPTACLES	1,360	1.0/.5	EXISTING	44,976	1.00	
TOTAL PHASE C - VA	16,504	MOTORS		1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	138	SUPP HEAT		1.00	SHOW WNDW		1.25	46,336 VA
TOTAL PNLBD - VA	46,336	MISC EQUIP		1.00	LTG TRACK		1.00	129 A
AMPS	129							

PANELBOARD NOTES

(4)

PANELBOARD: AA2 (NEW)

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: MDP2
AIC RATING: 10000 FULLY RATED
SERVES: LIQUOR
MOUNTING: RECESSED
LOCATION: CLINIC HALL

EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.	
EX	1	LIQUOR NEON - FRONT DOOR	1,200			EX	20	1	2	20	12	750			VAV 6-5	2	N
EX	3	RED BULL COOLER		1,200		EX	20	1					750			4	
EX	5	CIGARETTE SIGNAGE			1,200	EX	20	1	1	20	12			500	DSW/JF LOCKERS	6	R
EX	7	LIQUOR COUNTER REGISTERS	500			EX	20	1	1	20	EX	500			LOTTO MACHINE	8	EX
EX	9	? ROOM RCPTS		500		EX	20	1	1	20	EX		500		BAG ICE STORAGE	10	EX
EX	11	LIQUOR NEON - NORTH WALL			1,200	EX	20	1	1	20	12			360	DSW/JF RCPTS	12	R
EX	13	CORD DROP AISLE 15	500			EX	20	1	1	20	12	180			DSW/JF CHECKOUT MONITOR	14	R
EX	15	CORD DROP AISLE 17		500		EX	20	1	2	50					SPARE	16	EX
N	17	SALES FLOOR - GRINDER 1			1,000	12	20	2								18	
	19		1,000						1	20	12	540			DSW DIGITAL WALL 2	20	R
N	21	SALES FLOOR - GRINDER 2		1,000		12	20	2	1	20	12		540		DSW DIGITAL WALL 3	22	R
	23				1,000									5,356		24	
N	25	VAV 6-1	3,000			8	40	2	3	50	6	5,356			RTU-6 (PHARMACY)	26	R
	27			3,000									5,356			28	
N	29	VAV 6-2			2,750	8	40	2	2	25					SPARE	30	V
	31		2,750													32	
N	33	VAV 6-3		1,250		12	20	2	1	20					SPARE	34	V
	35				1,250											36	
N	37	VAV 6-4	2,500			8	40	2	3	70					SPARE	38	V
	39			2,500												40	
V	41	SPARE					20	1	1	20					SPARE	42	V
		SUBTOTAL	11,450	9,950	8,400							7,326	7,146	6,216	SUBTOTAL		

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	18,776	COOLING	16,068	0	REFRIG		1.00	
AMPS	156	HEATING	20,500	1.00	SIGN/DISP		1.25	
TOTAL PHASE B - VA	17,096	LIGHTING		1.25	KITCHEN	4,000	1.00	
AMPS	142	RECEPTACLES	1,620	1.0/.5	EXISTING	7,800	1.00	
TOTAL PHASE C - VA	14,616	MOTORS		1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	122	SUPP HEAT		1.00	SHOW WNDW		1.25	34,420 VA
TOTAL PNLBD - VA	50,488	MISC EQUIP	500	1.00	LTG TRACK		1.00	96 A
AMPS	140							

PANELBOARD NOTES

(7)

PANELBOARD: AB (RELOCATED)

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: MDP2
AIC RATING: 10000 FULLY RATED
SERVES: REFRIGERATION
MOUNTING: RECESSED
LOCATION: ABOVE MILK/DAIRY COOLER

EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.	
EX	1	DAIRY ISLAND CASES	500			EX	20	1	1	20	EX	1,200			DAIRY AREA LTG	2	EX
EX	3	DAIRY ISLAND CASES		500		EX	20	1	1	20	EX		1,200		DAIRY AREA LTG	4	EX
EX	5	DAIRY ISLAND RCPT			500	EX	20	1	1	20	EX			1,200	DAIRY AREA LTG	6	EX
EX	7	DAIRY CASES N & E WALLS	500			EX	20	1	1	20	EX	1,200			DAIRY AREA LTG	8	EX
EX	9	DAIRY CASES N & E WALLS		500		EX	20	1	1	20	EX		500		EXISTING LOAD	10	EX
EX	11	DAIRY ISLAND RCPTS			500	EX	20	1	1	20	EX			500	EXISTING LOAD	12	EX
EX	13	DAIRY ISLAND CASES	500			EX	20	1	1	20	EX	500			NORTH EXIT DOOR ALARM	14	EX
EX	15	DAIRY ISLAND CASES		500		EX	20	1	1	20	EX		500		WEST WALL DAIRY CASES	16	EX
EX	17	COMPRESSOR RACK CTRL			500	EX	20	1	1	20	EX			500	WEST WALL DAIRY CASES	18	EX
(7) EX	19	LTS ABOVE RACK	500			EX	20	1	1	20	EX	500			WEST WALL DAIRY CASES	20	EX
R	21	COOLER DR A/S HTRS 1		500		12	20	1	1	20	EX		500		DAIRY CEILING FANS	22	EX
R	23	COOLER DR LTS 1			500	12	20	1	1	20					SPARE	24	V
(7) EX	25	CULLIGAN H20 DISP.	500			EX	20	1	1	20	EX	500			PANEL RCPT	26	EX (7)
R	27	COOLER DR A/S HTRS 2		500		12	20	1	2	50	6		3,875		AC-1 A	28	N
R	29	COOLER DR LTS 2			500	12	20	1						3,875	AISLES ONLINE	30	
	31		4,804						2	45	6	3,600			AC-1 B	32	N
EX	33	EXISTING LOAD		4,804		EX	50	3					3,600		AISLES ONLINE	34	
	35				4,804				2	60	6			5,408	FCU-1 A	36	N
	37	EQUIPPED SPACE						1				5,408			AISLES ONLINE	38	
N	39	CU-1		2,912		6	45	2	2	45	6		4,472		FCU-1 B	40	N
	41	AISLES ONLINE			2,912									4,472	AISLES ONLINE	42	
		SUBTOTAL	7,304	10,216	10,216							12,908	14,647	15,955	SUBTOTAL		

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	20,212	COOLING		1.00	REFRIG		1.00	
AMPS	168	HEATING		0	SIGN/DISP		1.25	
TOTAL PHASE B - VA	24,863	LIGHTING		1.25	KITCHEN		1.00	
AMPS	207	RECEPTACLES		1.0/.5	EXISTING	28,712	1.00	
TOTAL PHASE C - VA	26,171	MOTORS	40,534	1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	218	SUPP HEAT		1.00	SHOW WNDW		1.25	71,246 VA
TOTAL PNLBD - VA	71,246	MISC EQUIP	2,000	1.00	LTG TRACK		1.00	198 A
AMPS	198							

PANELBOARD NOTES

(2)

PANELBOARD: BB (NEW)

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: MDP1
AIC RATING: 10000 FULLY RATED
SERVES: FRONT OF HOUSE
MOUNTING: SURFACE
LOCATION: CLINIC HALL

EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.	
R	1	CHECKSTAND 8 DIRTY	500			12	20	1	1	20	12	500			CHECKSTAND 9 DIRTY	2	R
R	3	CHECKSTAND 10 DIRTY		500		12	20	1	1	20					SPARE	4	V
R	5	SELF CHECKOUT 1 DIRTY			500	12	20	1	1	20					SPARE	6	V
R	7	SELF CHECKOUT 4 DIRTY	500			12	20	1	1	20	12	500			SELF CHECKOUT 3 DIRTY	8	R
R	9	SELF CHECKOUT 2 DIRTY		500		12	20	1	1	20	12		500		CHECKSTAND 1 DIRTY	10	R
R	11	CHECKSTAND 2 DIRTY			500	EX	20	1	1	20	12			500	CHECKSTAND 3 DIRTY	12	R
R	13	LTG - PHARMACY	486			12	20	1	1	20	12	500			CHECKSTAND 4 DIRTY	14	R
R	15	LTG - PHARMACY SOFFIT		144		12	20	1	1	20	12		500		CHECKSTAND 5 DIRTY	16	R
R	17	LTG - CLINIC			504	12	20	1	1	20	12			500	CHECKSTAND 6 DIRTY	18	R
R	19	DSW DIGITAL WALL 1	540			12	20	1	1	20	12	500			CHECKSTAND 7 DIRTY	20	R (7)
R	21	DSW/JF CHECKOUT RCPTS		360		12	20	1	1	20	12		1,200		E VESTIBULE CART STERILIZER	22	R
R	23	PREMIUM CANDY			1,000	12	20	1	1	20					SPARE	24	V
EX	25	PHARMACY TUBE BLOWER	2,496			EX	30	2	1	20					SPARE	26	V
(2)	27			2,496					1	20					SPARE	28	V
N	29	WH-6			1,500	12	20	2	1	20					SPARE	30	V
	31		1,500						1	20					SPARE	32	V
(8)	33	EQUIPPED SPACE						1	2	50	EX		4,160		EXISTING LOAD	34	EX
R	35	LTG - FLORAL TRACK			316	12	20	1						4,160		36	
EX	37	POP MACHINES	500			EX	20	1	1	20					SPARE	38	V
EX	39	EXISTING LOAD		1,000		EX	20	2	1						EQUIPPED SPACE	40	
	41				1,000				1	20					SPARE	42	V
		SUBTOTAL	6,522	5,000	5,320							2,000	6,360	5,160	SUBTOTAL		

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	8,522	COOLING		1.00	REFRIG		1.00	
AMPS	71	HEATING		0	SIGN/DISP		1.25	
TOTAL PHASE B - VA	11,360	LIGHTING	1,450	1.25	KITCHEN		1.00	
AMPS	95	RECEPTACLES	2,600	1.0/.5	EXISTING	8,320	1.00	
TOTAL PHASE C - VA	10,480	MOTORS		1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	87	SUPP HEAT	3,000	1.00	SHOW WNDW		1.25	30,725 VA
TOTAL PNLBD - VA	30,362	MISC EQUIP	14,992	1.00	LTG TRACK		1.00	85 A
AMPS	84							

PANELBOARD NOTES

(2)

PANELBOARD: LL (NEW)

BUS AMPS: 100A
MAIN SIZE/TYPE: 100A MCB
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: PNLBD L
AIC RATING: 10000 FULLY RATED
SERVES: FRONT OF HOUSE
MOUNTING: RECESSED
LOCATION: CUSTOMER SERVICE

EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.	
EX	1	NEW COMM RACK RCPT	500			EX	20	1	1	20	12	360			CASH ACCT COMPUTER	2	R,EM (2)
FA,EX	3	FIRE ALARM PANEL		500		EX	20	1	1	20	EX		500		EXISTING LOAD	4	EX (8)
EX	5	RCPT SECURITY ROOM			500	EX	20	1	1	20	12			120	EM LTG - AOL CANOPY	6	R,EM
EX	7	PHOTO CELL FOR R	500			EX	20	1	1	20	EX	500			EXISTING LOAD	8	EX
V	9	SPARE					20	1	1	20	EX		500		SECURITY PANEL RCPT	10	EX
EX	11	EXISTING LOAD			500	EX	20	1	1	20	12			288	EM LTG - CUST SERVICE/FOH	12	R,EM
EX	13	EXISTING LOAD	500			EX	20	1	1	20	12	630			EM LTG - CLINIC/PHARMACY	14	R,EM
EX	15	AUTO DOOR OPENER N		500		EX	20	1	1	20	EX		500		CARRY OUT DOOR OPENER	16	EX
EX	17	AUTO DOOR OPENER N			500	EX	20	1	1	20	EX			500	SAFE	18	EX
EX	19	AUTO DOOR OPENER S	500			EX	20	1	1	20	EX	1,200			SECURITY ROOM LTG'	20	EX
EX	21	AUTO DOOR OPENER S		500		EX	20	1	1	20					SPARE	22	V
EX	23	S DOOR SPARE			500	EX	20	1	1	20					SPARE	24	V
EX	25	RED BOX, LOTTO, COINSTAR	500			EX	20	1	1	20					SPARE	26	V
EX	27	EXISTING LOAD		500		EX	20	1	2	20	EX		1,664		EMERGENCY POLE LIGHT	28	EX
EX	29	EXISTING LOAD			500	EX	20	1						1,664		30	
		SUBTOTAL	2,500	2,000	2,500							2,690	3,164	2,572	SUBTOTAL		

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	5,190	COOLING		1.00	REFRIG		1.00	
AMPS	43	HEATING		0	SIGN/DISP		1.25	
TOTAL PHASE B - VA	5,164	LIGHTING	1,038	1.25	KITCHEN		1.00	
AMPS	43	RECEPTACLES	360	1.0/.5	EXISTING	14,028	1.00	
TOTAL PHASE C - VA	5,072	MOTORS		1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	42	SUPP HEAT		1.00	SHOW WNDW		1.25	15,686 VA
TOTAL PNLBD - VA	15,426	MISC EQUIP		1.00	LTG TRACK		1.00	44 A
AMPS	43							

PANELBOARD NOTES

(8)

PANELBOARD: R (EXISTING)

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FED FROM: MDP1
AIC RATING: 10000 FULLY RATED
SERVES: FRONT OF HOUSE
MOUNTING: SURFACE
LOCATION: CUSTOMER SERVICE

EQUIPMENT GROUND BUS

	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE A	B	C	DESCRIPTION	CKT NO.	
EX	1	EXISTING LOAD	500			EX	20	1	2	30	EX	2,496			EXISTING LOAD	2	EX
EX	3	EXISTING LOAD		500		EX	20	1					2,496			4	
EX	5	EXISTING LOAD			500	EX	20	1	2	30	EX			2,496	EXISTING LOAD	6	EX
EX	7	HYVEE SIGN	1,200			EX	20	1				2,496				8	
EX	9	EXISTING LOAD		500		EX	20	1	2	30	EX		2,496		POLE LIGHTS	10	EX
R	11	AOL EXTERIOR SIGNAGE			1,200	12	20	1						2,496		12	
EX	13	EXISTING LOAD	500			EX	20	1	1	20	EX	1,200			OPEN 24 HOURS SIGN	14	EX
EX	15	EXISTING LOAD		500		EX	20	1	1	20	EX		500		EXISTING LOAD	16	EX
EX	17	EXISTING LOAD			500	EX	20	1	1	20	EX			1,200	HYVEE SIGN	18	EX
EX	19	PHARMACY SIGN	1,200			EX	20	1	1	20	EX	1,200			HYVEE SIGN	20	EX
EX	21	NORTH ENTRY LIGHTS		1,200		EX	20	1	1	20	EX		1,200		HYVEE SIGN	22	EX
EX	23	EXISTING LOAD			500	EX	20	1	1	20	EX			1,200	HYVEE SIGN	24	EX
EX	25	EXISTING LOAD	500			EX	20	1	1	20	EX	1,200			FOOD STORE SIGN	26	EX
EX	27	EXISTING LOAD		500		EX	20	1	1	20	EX		1,200		FOOD STORE SIGN	28	EX
EX	29	GARDEN CENTER			500	EX	20	1	1	20	EX			1,200	PHARMACY SIGN	30	EX
EX	31	GARDEN CENTER	500			EX	20	1				2,882				32	
EX	33	DRIVE UP CANOPY SIGN		1,200		EX	20	1	3	30	EX		2,882		POLE LIGHTS	34	EX
R	35	EXT. WALL PACKS			550	12	20	1						2,882		36	
EX	37	WALL CUBES	500			EX	20	1				2,882				38	
EX	39	WALL CUBES		500		EX	20	1	3	30	EX		2,882		POLE LIGHTS	40	EX
EX	41	WALL CUBES			500	EX	20	1						2,882		42	
		SUBTOTAL	4,900	4,900	4,250							14,356	13,656	14,356	SUBTOTAL		

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	19,256	COOLING		1.00	REFRIG		1.00	
AMPS	160	HEATING		0	SIGN/DISP	1,200	1.25	
TOTAL PHASE B - VA	18,556	LIGHTING		1.25	KITCHEN		1.00	
AMPS	155	RECEPTACLES		1.0/.5	EXISTING	55,218	1.00	
TOTAL PHASE C - VA	18,606	MOTORS		1.00	LRG MOTOR		1.25	TOTAL DEMAND
AMPS	155	SUPP HEAT		1.00	SHOW WNDW		1.25	56,718 VA
TOTAL PNLBD - VA	56,418	MISC EQUIP		1.00	LTG TRACK		1.00	157 A
AMPS	157							

PANELBOARD NOTES

SIGN/DISPLAY - SIGNAGE & DISPLAY CASE

PANELBOARD LEGEND

ABBREVIATIONS — V1.00

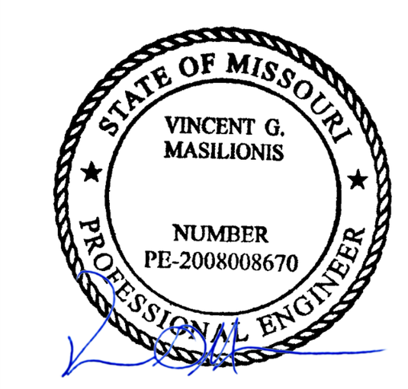
- AF — ARC FAULT CIRCUIT INTERRUPTER.
- C# — CIRCUIT VIA LIGHTING CONTACTOR #.
- CL — CIRCUIT VIA CURRENT LIMITING DEVICE.
- D — DISCONNECT CIRCUITRY FOR REMOVED LOAD, UPDATE CIRCUIT DIRECTORY TO SPARE AND TURN OFF.
- EM — EMERGENCY LIGHTING HANDLE-ON CLAMP.
- EX — EXISTING.
- F — FUTURE LOAD; NOTE AS SPARE AND TURN OFF.
- FA — RED/HANDLE-ON CLAMP.
- GF — GROUND-FAULT CIRCUIT INTERRUPTER TYPE CIRCUIT BREAKER (5 mA).
- GFEP — GROUND FAULT EQUIPMENT PROTECTION BREAKER (30 mA).
- HT — PROVIDE HANDLE-TIE FOR MULTI-WIRE BRANCH CIRCUIT PER CODE.
- IG — ISOLATED GROUND CIRCUIT.
- L# — LIGHTING CONTROL SCHEME NUMBER.
- LCK — HANDLE PADLOCKABLE-OFF DEVICE.
- LO — HANDLE-ON CLAMP.
- N — PROVIDE NEW CIRCUIT BREAKER.
- OL — REFER TO ELECTRICAL ONE-LINE/RISER DIAGRAM.
- PS — POWER-SWITCHING CIRCUIT BREAKER.
- PSE — EMERGENCY POWER-SWITCHING CIRCUIT BREAKER.
- R — REUSE EXISTING CIRCUIT BREAKER FOR NEW/REVISED LOAD.
- RP — CIRCUIT VIA RELAY PANEL.
- ST — SHUNT TRIP CIRCUIT BREAKER.
- V — VERIFY EXISTING LOAD AND UPDATE DIRECTORY, IF UNUSED, NOTE AS SPARE AND TURN OFF.
- VD — BRANCH CIRCUITRY HAS BEEN UPSIZED TO REDUCE VOLTAGE DROP. ADJUST GROUND WIRE SIZE PER CODE. PROVIDE LUG ADAPTORS IF REQUIRED.
- Z — CORRECT/REPAIR EXISTING HAZARD TO MAKE CODE COMPLIANT INSTALLATION.

NOT ALL ABBREVIATIONS ARE USED.

REVISION		DATE BY
2	ASI #2	01/07/21
4	ASI #4	02/05/21
7	ASI #7	04/16/21
8	ASI #8	05/20/21

HENDERSON ENGINEERS
8345 LENEXA DRIVE, SUITE 300
LENEXA, KS 66214
TEL 913.742.5000 FAX 913.742.5001
WWW.HENDERSONENGINEERS.COM
1950003081
MO. CORPORATE NO: E-556D
EXPIRES 12/31/2021

PROFESSIONAL SEAL



05/20/2021
VINCENT G. MASILIONIS
LICENSE # PE-2008008670

LOCATION
LEE'S SUMMIT, MO #2
310 SW WARD RD

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

HyVee EMPLOYEE OWNED

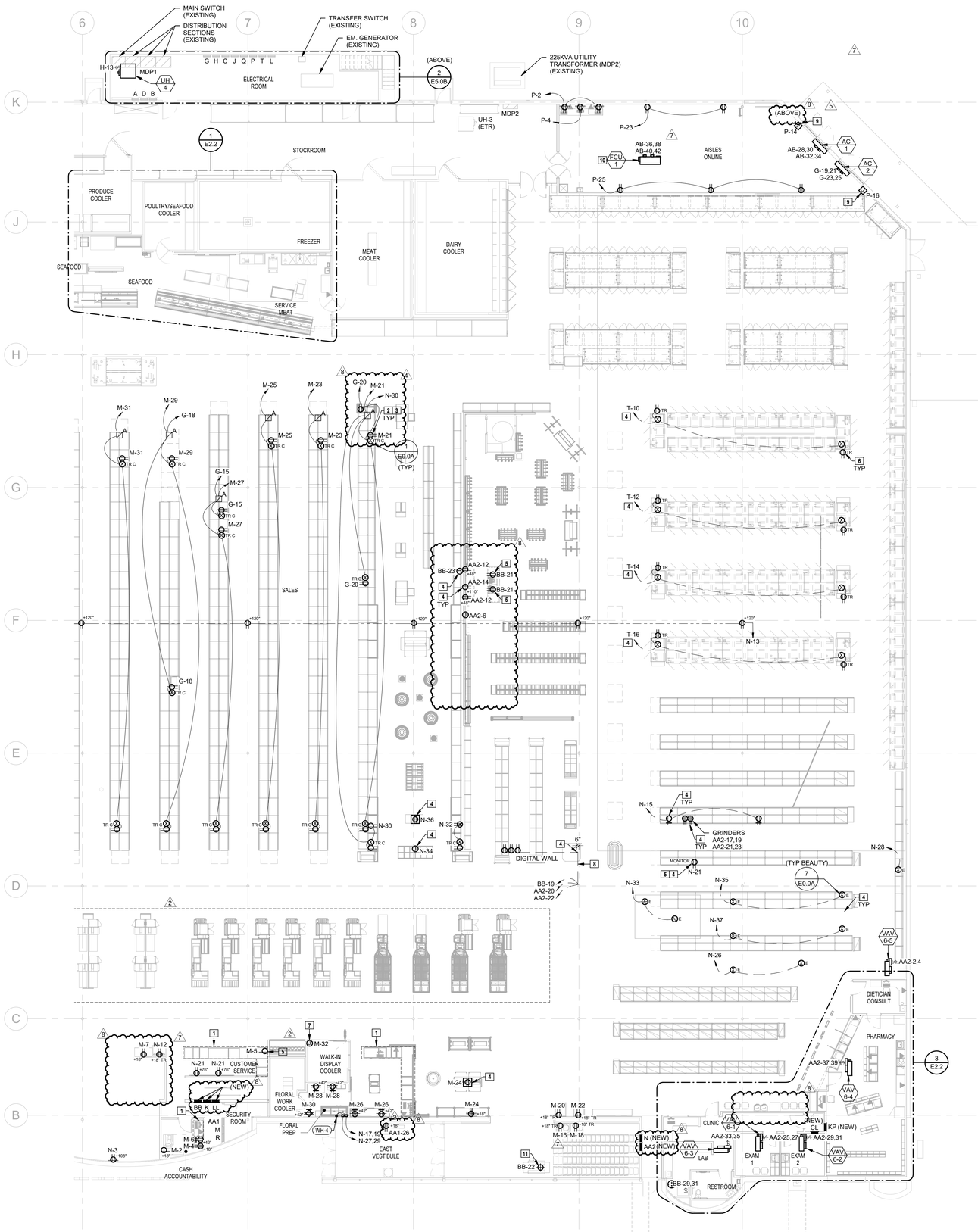
NORTH — PLAN NORTH

ELECTRICAL PANEL SCHEDULES

PROJECT MANAGER	CHECKED BY:
SL	HEI
DRAWN BY: HENDERSON	DATE: 10/19/2020
SCALE: AS NOTED	JOB NUMBER: 62930547

SHEET: E1.3

VINCENT G. MASILIONIS
5/20/2021 1:13:00 PM



1 ELECTRICAL PLAN - PART B
3/32" = 1'-0"

ELECTRICAL PLAN NOTES

1. REFER TO SHEET E4.4 (SHEET BY OTHERS) FOR POWER & SYSTEMS SCOPE OF WORK.
2. REVISE AND EXTEND CIRCUITRY FOR RELOCATED/REPLACED EQUIPMENT. COORDINATE EXACT CONDUIT ROUTING WITH TENANT AND OTHER TRADES. EXISTING DEVICES AND RELATED CIRCUITRY MAY BE REUSED IF IN GOOD CONDITION. OTHERWISE REPLACE.
3. PROVIDE RECEPTACLE AND JUNCTION BOX MOUNTED BELOW SHELVING AND CONNECT TO POWER POLE VIA CONCEALED FLEXIBLE METAL CONDUIT. COORDINATE REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
4. ROUTE CONDUIT(S) CONCEALED/UNDERSLAB TO NEAREST FULL HEIGHT WALL FOR CONTINUATION. COORDINATE STUB-UP LOCATION WITH OWNER AND OTHER TRADES PRIOR TO ROUGH-IN. REFER TO PE1.1 ELECTRICAL STUBUP PLAN FOR MORE INFORMATION.
5. INSTALL RECEPTACLE(S) AND DATA BOX(ES) IN AN ACCESSIBLE LOCATION UNDER COUNTER IN MILLWORK; LOCATE SUCH THAT DRAWERS AND DIVIDERS DO NOT BLOCK ACCESS TO DEVICE. COORDINATE LOCATION WITH OWNER AN OTHER TRADES PRIOR TO ROUGH-IN.
6. RECEPTACLES MOUNTED IN THE BASEPLATE OF THE CASE. ROUTE ELECTRICAL FROM CASE ROUGH-IN LOCATION. COORDINATE MOUNTING OF RECEPTACLE WITH CASE SUPPLIER AND REFRIGERATION CONTRACTOR.
7. IF SWITCH IS NOT FURNISHED WITH AUTO DOOR THEN PROVIDE ON/OFF SERVICE SWITCH AND RELATED CIRCUITRY WITHIN SIGHT OF MOTOR PER CODE. COORDINATE REQUIREMENTS WITH DOOR INSTALLER AND OWNER PRIOR TO ROUGH-IN.
8. EXTEND 1" CONDUIT UNDERFLOOR FROM WALL TO DIGITAL SHOE WALL WITH THREE 120V CIRCUITS FOR MONITORS.
9. IF SWITCH IS NOT FURNISHED WITH AUTO DOOR THEN PROVIDE ON/OFF SERVICE SWITCH AND RELATED CIRCUITRY WITHIN SIGHT OF MOTOR PER CODE. COORDINATE REQUIREMENTS WITH DOOR INSTALLER AND OWNER PRIOR TO ROUGH-IN.
10. PROVIDE INTERLOCK OF INDOOR UNIT WITH OUTDOOR UNIT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. COORDINATE REQUIREMENTS WITH OTHER TRADES PRIOR TO ROUGH-IN.
11. PROVIDE TWIST-LOCK RECEPTACLE IN VESTIBULE CEILING AND EXTEND A FLEXIBLE CORD WITH CORD STRAIN RELIEF ON EACH END DOWN TO 7'-0" AFF. CART STERILIZER SHALL PLUG INTO END OF FLEXIBLE CORD.
12. PROVIDE WEATHERPROOF JUNCTION BOX, WEATHERPROOF LOCKABLE DISCONNECT SWITCH, AND 120V CIRCUIT AT DIRECTED LOCATION BY SIGN SUPPLIER FOR CONNECTION TO STOREFRONT SIGNAGE. VERIFY ELECTRICAL REQUIREMENTS WITH SIGN SUPPLIER PRIOR TO ROUGH-IN AND ADJUST ELECTRICAL PROVISIONS AS NECESSARY. PROVIDE CONDUIT THROUGH WALL AS NEEDED FOR CONNECTION(S) TO SIGN.

REVISION		DATE BY
2	ASI #2	01/07/21
4	ASI #4	02/05/21
5	ASI #5	03/19/21
7	ASI #7	04/16/21
8	ASI #8	05/20/21

HENDERSON ENGINEERS
8345 LENEXA DRIVE, SUITE 300
LENEXA, KS 66214
TEL 913.742.5000 FAX 913.742.5001
WWW.HENDERSONENGINEERS.COM
1950003081
MO. CORPORATE NO. E-556D
EXPIRES 12/31/2021

PROFESSIONAL SEAL

STATE OF MISSOURI — VINCENT G. MASILIONIS — NUMBER PE-2008008670 — PROFESSIONAL ENGINEER

05/20/2021

VINCENT G. MASILIONIS
LICENSE # PE-2008008670

LOCATION
LEE'S SUMMIT, MO #2
310 SW WARD RD

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee® EMPLOYEE OWNED

NORTH PLAN NORTH

ELECTRICAL PLAN - PART B

PROJECT MANAGER	CHECKED BY:
SL	HEI
DRAWN BY:	DATE:
HENDERSON	10/19/2020
SCALE:	JOB NUMBER:
AS NOTED	62930547

SHEET:

E2.0B

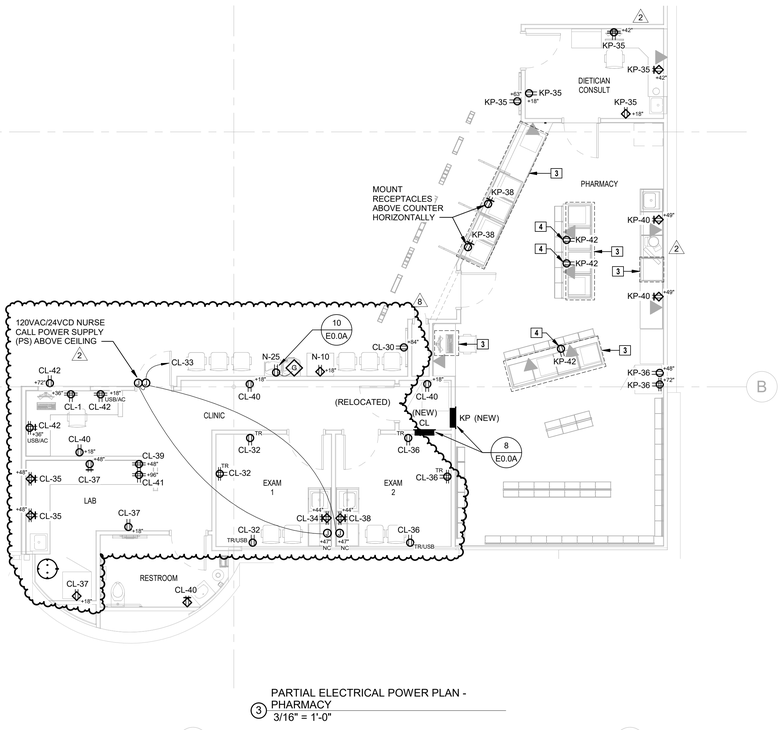
VINCENT G. MASILIONIS
5/20/2021 1:13:13 PM

ELECTRONIC MENU MONITOR BOARD SCHEDULE

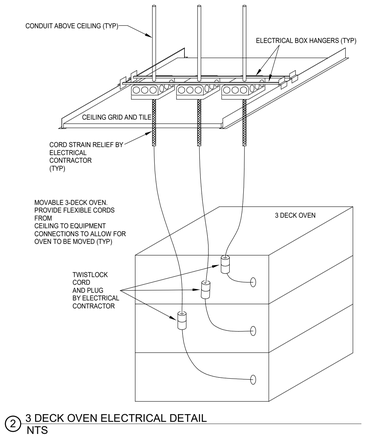
LOCATION	AMOUNT AND SIZE	HEIGHT	MOUTNING
SUSHI	(2) 49" MONITORS	B/O MONITOR +6'-8"	POLE
MARKET GRILLE EXPRESS	(3) 49" MONITORS	B/O MONITOR +6'-8"	POLE
HICKORY HOUSE	(4) 49" MONITORS	B/O MONITOR +6'-8"	POLE
HIBACHI	(2) 49" MONITORS	B/O MONITOR +6'-8"	POLE
ASIAN	(2) 49" MONITORS	B/O MONITOR +6'-8"	POLE
MIA PIZZA	(2) 49" MONITORS	B/O MONITOR +6'-8"	POLE
BAKERY CAKE	(1) 65" MONITOR	B/O MONITOR +5'-8"	WALL - BOX +8'-0"
BAKERY BREAD	(2) 55" MONITORS	B/O MONITOR +6'-8"	WALL - BOX +8'-8"
MEAT	(1) 82" MONITOR	B/O MONITOR +5'-8"	WALL - BOX +6'-8"
SEAFOOD	(1) 65" MONITOR	B/O MONITOR +6'-8"	WALL - BOX +9'-0"
SEASONS	(1) 55" MONITOR	MONITOR ON KIOSK	WALL - BOX +18"
DIETITIAN	(1) 49" MONITOR	B/O MONITOR +4'-3"	WALL - BOX +5'-3"
GREETING CARDS	(1) 49" MONITOR	VARIES	WALL
BASIN	(1) 65" MONITOR	B/O MONITOR +5'-2"	WALL - BOX +7'-6"
CUSTOMER SERVICE	(2) 65" MONITORS	B/O MONITOR +4'-7"	WALL - BOX +6'-4"
APPAREL	(1) 82" MONITOR	B/O MONITOR +6'-2"	WALL - BOX +9'-2"

ELECTRICAL PLAN NOTES

1. REVISE AND EXTEND CIRCUITRY FOR RELOCATED/REPLACED EQUIPMENT. COORDINATE EXACT CONDUIT ROUTING WITH TENANT AND OTHER TRADES. EXISTING DEVICES AND RELATED CIRCUITRY MAY BE REUSED IF IN GOOD CONDITION, OTHERWISE REPLACE.
2. EXISTING KITCHEN EQUIPMENT TO REMAIN.
3. REFER TO SHEET E4.4 (SHEET BY OTHERS) FOR POWER & SYSTEMS SCOPE OF WORK.
4. INSTALL RECEPTACLE(S) AND DATA BOX(ES) IN AN ACCESSIBLE LOCATION UNDER COUNTER IN MILLWORK; LOCATE SUCH THAT DRAWERS AND DIVIDERS DO NOT BLOCK ACCESS TO DEVICE. COORDINATE LOCATION WITH OWNER AN OTHER TRADES PRIOR TO ROUGH-IN.
5. KITCHEN EXHAUST HOOD CONTROL PANEL. REFER TO KITCHEN ELECTRICAL PLANS AND HOOD PLANS WITHIN MECHANICAL SET FOR MORE INFORMATION.
6. ROUTE CONDUIT(S) CONCEALED/UNDERSLAB TO NEAREST FULL HEIGHT WALL FOR CONTINUATION. COORDINATE STUB-UP LOCATION WITH OWNER AND OTHER TRADES PRIOR TO ROUGH-IN. REFER TO PE1.1 ELECTRICAL STUBUP PLAN FOR MORE INFORMATION.
7. RELOCATED KITCHEN EQUIPMENT. CONTRACTOR TO RELOCATE EQUIPMENT POWER DEVICES.
8. REFER TO ELECTRONIC MENU MONITOR BOARD SCHEDULE ON THIS SHEET FOR MORE INFORMATION.



3 PARTIAL ELECTRICAL POWER PLAN - PHARMACY
3/16" = 1'-0"



2 3 DECK OVEN ELECTRICAL DETAIL
NTS

1 PARTIAL ELECTRICAL POWER PLAN - BAKERY/DELI/MEAT
3/16" = 1'-0"

REVISION		DATE BY
2	ASI #2	01/07/21
4	ASI #4	02/05/21
5	ASI #5	03/19/21
7	ASI #7	04/16/21
8	ASI #8	05/20/21

HENDERSON ENGINEERS
8345 LENEXA DRIVE, SUITE 300
LENEXA, KS 66214
TEL 913.742.5000 **FAX** 913.742.5001
WWW.HENDERSONENGINEERS.COM
1950003081
MO. CORPORATE NO: E-556D
EXPIRES 12/31/2021

PROFESSIONAL SEAL

STATE OF MISSOURI
VINCENT G. MASILIONIS
NUMBER PE-2008008670
PROFESSIONAL ENGINEER

05/20/2021

VINCENT G. MASILIONIS
LICENSE # PE-2008008670

LOCATION
LEE'S SUMMIT, MO #2
310 SW WARD RD

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2565

Hy-Vee EMPLOYEE OWNED

NORTH PLAN NORTH

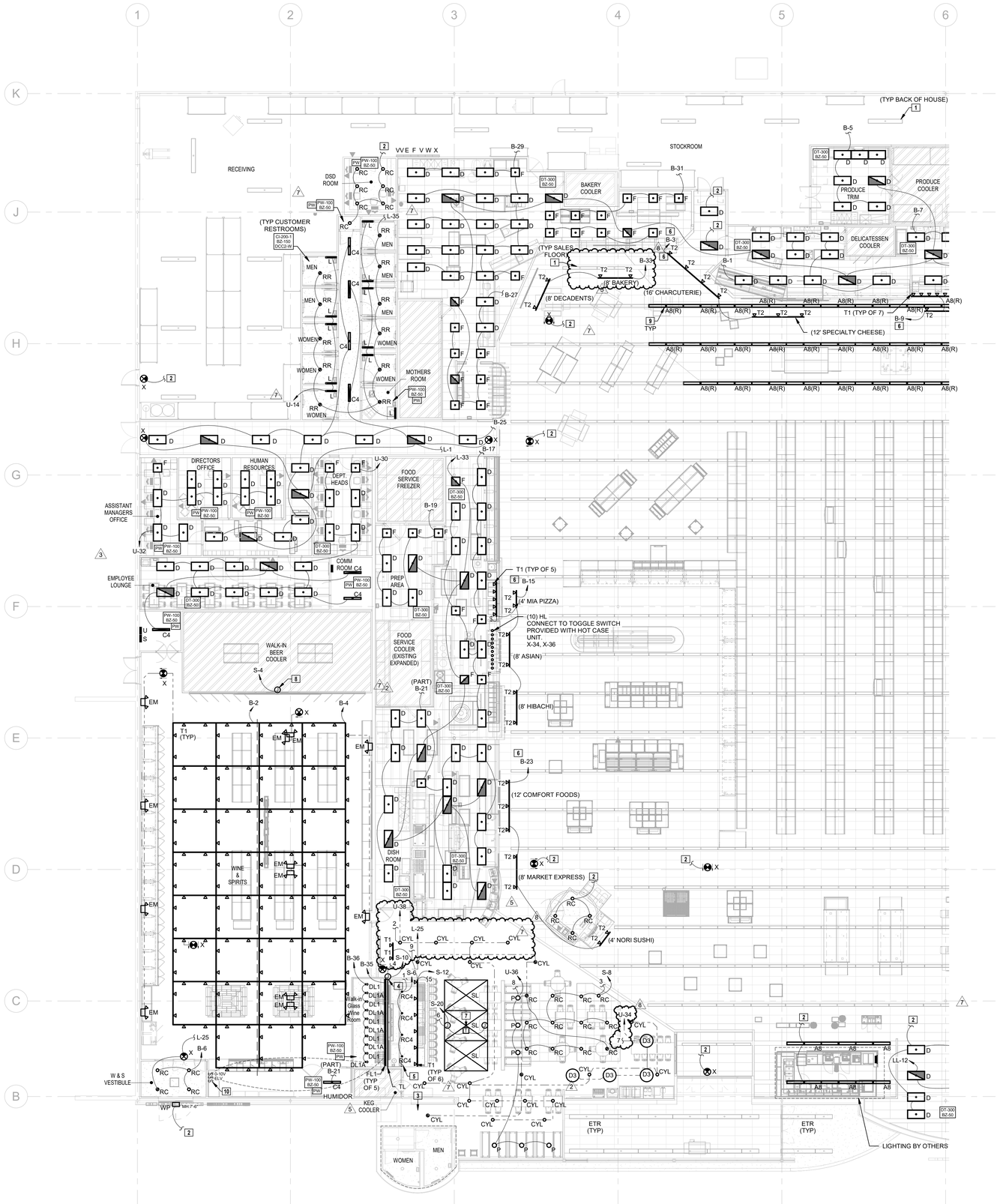
ELECTRICAL PART PLANS

PROJECT MANAGER	CHECKED BY:
SL	HEI
DRAWN BY:	DATE:
HENDERSON	10/19/2020
SCALE:	JOB NUMBER:
AS NOTED	62930547

SHEET:

E2.2

5/20/2021 1:13:44 PM VINCENT G. MASILIONIS



1 LIGHTING FLOOR PLAN - PART A
3/32" = 1'-0"

LIGHTING GENERAL NOTES:

1. THE EMERGENCY LIGHTING SYSTEM HAS BEEN DESIGNED TO PROVIDE AN INITIAL FLOOR ILLUMINANCE LEVEL OF 1 FC AVERAGE, 0.1 FC MINIMUM AND NO MORE THAN A 40:1 MAX/MIN RATIO ALONG THE EMERGENCY EGRESS PATHS. WHERE APPLICABLE, ADJUST AIMING OF EMERGENCY LIGHTS AS REQUIRED TO PROVIDE PROPER ILLUMINATION AT FLOOR AVOIDING OBSTACLES AND SHADOWS AFTER STORE SET-UP IS COMPLETE.
2. WALL MOUNTED EXITS SIGNS SHALL BE MOUNTED 12" ABOVE DOOR FRAME AND CENTERED ABOVE DOOR OPENING, UNLESS NOTED OTHERWISE. CEILING/PENDANT MOUNTED EXIT SIGNS SHALL BE SUSPENDED TO 12'-0" AFF IN CUSTOMER AREAS OPEN TO STRUCTURE, AT BOTTOM OF BAR JOISTS IN BACKROOM AREAS AND ON FINISHED CEILING WHERE APPLICABLE, UNLESS NOTED OTHERWISE. EXIT SIGNS SHALL BE READILY VISIBLE FROM DIRECTION OF EGRESS TRAVEL. COORDINATE FINAL EXIT SIGN LOCATIONS WITH AHJ AND OWNER.
3. PROVIDE LABEL AT EACH MANUAL LIGHT SWITCH INDICATING THE LIGHT FIXTURE(S) THAT THE SWITCH CONTROLS AND THE RESPECTIVE "PNLBD-CKT#" DESIGNATION. A SINGLE LIGHT SWITCH FOR A SMALL ROOM DOES NOT NEED TO INDICATE THE SPACE CONTROLLED SINCE IT IS INTUITIVELY OBVIOUS. COORDINATE LABEL REQUIREMENTS WITH THE OWNER PRIOR TO INSTALLATION. REFER TO THE SPECIFICATIONS FOR MORE INFORMATION.
4. ALL REMOTELY LOCATED LIGHT FIXTURE POWER SUPPLIES SHALL BE LOCATED IN AN ACCESSIBLE LOCATION WITH PROPER VENTILATION IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. CONCEAL DEVICES AND RELATED WIRING FROM CUSTOMER/PUBLIC VIEW. PROVIDE ENCOSBURE IF REQUIRED. COORDINATE LOCATION AND ENCLOSURE TYPE WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
5. PER 2017 NEC 700.2 AND 700.24, ALL DIRECTLY CONTROLLED LUMINAIRES USED FOR EMERGENCY ILLUMINATION AND ALL APPLICABLE CONTROLS SHALL HAVE UL 924 LISTING OR EQUIVALENT NRTL LISTING. IF EMERGENCY LUMINAIRE OR CONTROL MANUFACTURER DOES NOT HAVE APPROPRIATE LISTING THE EMERGENCY LUMINAIRE SHALL NOT BE CONNECTED TO 0-10V DIMMING SYSTEM.

LIGHTING GENERAL NOTES (GROCERY):

1. ALL LIGHT FIXTURES OVER OPEN FOOD AREAS, COFFIN CASES AND FOOD PREP AREAS SHALL BE LED TYPE OR PROVIDED WITH PROTECT-A-LAMP COVERS OR EQUIVALENT SHIELDED OR SHATTERPROOF LAMPS. VERIFY THAT ALL AREAS ARE PROPERLY PROTECTED AFTER STORE SET-UP IS COMPLETE. LIGHT FIXTURES IN FOOD PROCESSING AREAS SHALL BE EASILY CLEANABLE AND SUITABLE FOR THE LOCATION. USE PRODUCTS WITH THE APPROPRIATE NATIONAL SANITATION FOUNDATION (NSF) CERTIFICATION IF REQUIRED BY THE AHJ.
2. COORDINATE FINAL LIGHT FIXTURE LOCATIONS IN WALK-IN COOLERS AND FREEZERS WITH REFRIGERATION COILS AND OTHER TRADES.

LIGHTING SUPPLEMENTAL SPECIFICATIONS:

1. REFER TO THE ARCHITECTURAL DRAWINGS FOR LIGHT FIXTURE LOCATIONS, MOUNTING HEIGHTS, TRACK LENGTHS AND ADDITIONAL MOUNTING INFORMATION. CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT COORDINATION AND CONFLICT ISSUES ARE RESOLVED PRIOR TO INSTALLATION OF LIGHT FIXTURES. CONTACT ARCHITECT/ENGINEER IMMEDIATELY IF THERE ARE DISCREPANCIES.
2. THROUGH WIRING OF RECESSED LIGHT FIXTURES, IN SUSPENDED CEILINGS, IS NOT PERMITTED. CONNECT EACH LIGHT FIXTURE BY A WHIP TO A JUNCTION BOX. PROVIDE CABLE WHIPS OF SUFFICIENT LENGTHS TO ALLOW FOR RELOCATING EACH LIGHT FIXTURE WITHIN A 5'-0" RADIUS OF ITS INDICATED LOCATION. CABLE WHIPS SHALL NOT EXCEED 6'-0" OF UNSUPPORTED LENGTHS.
3. PROVIDE A NEUTRAL CONDUCTOR TO ALL WALL MOUNTED LINE VOLTAGE LIGHT SWITCHES, UNLESS NOTED OTHERWISE. IF NEUTRAL TERMINATION IS NOT REQUIRED FOR THE DEVICE THEN CAP CONDUCTOR AND TAG AS "NEUTRAL FOR FUTURE USE".
4. COORDINATE ALL OCCUPANCY/VACANCY SENSOR SETTINGS WITH OWNER AND ADJUST AS NECESSARY FOR PROPER OPERATION. SETTINGS MUST COMPLY WITH AHJ AND LOCAL ENERGY CODE REQUIREMENTS.
5. DO NOT INSTALL OCCUPANCY/VACANCY SENSORS WITHIN 48" OF AIR DIFFUSER OR SIMILAR OBSTRUCTION THAT MAY ADVERSLY AFFECT THE SENSOR PERFORMANCE. COORDINATE FINAL SENSOR LOCATIONS WITH OTHER TRADES AND INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

LIGHTING DESIGN RESPONSIBILITY GENERAL NOTES:

1. THE LOCATION AND SELECTION OF THE LIGHT FIXTURES WERE MADE BY OTHERS AND ARE OUTSIDE OF THE SCOPE OF WORK OF HENDERSON ENGINEERS, UNLESS NOTED OTHERWISE. HENDERSON ENGINEER'S SCOPE OF SERVICES IS LIMITED TO PROVIDING LIGHTING POWER CIRCUIT AND CONTROL DESIGN AND CODE COMPLIANCE CALCULATIONS. THE USE OF THE SEAL AND SIGNATURE ON THIS SHEET APPLIES TO HENDERSON ENGINEER'S SCOPE OF SERVICES ONLY.

LIGHTING FLOOR PLAN NOTES

1 REPLACE EXISTING LAMP(S) IN THIS AREA WITH LED REPLACEMENT WITH INTEGRATED DRIVER OF SIMILAR LUMEN OUTPUT. LED REPLACEMENT SHALL BE COMPATIBLE WITH EXISTING BALLAST(S), SOCKETS AND CONTROLS. PROVIDE LED REPLACEMENT BY GE, PHILLIPS, OR OTHER APPROVED NRTL LISTED PRODUCT. PROVIDE SUBMITTAL OF PROPOSED LED REPLACEMENT TO ENGINEER AND OWNER FOR REVIEW PRIOR TO ORDER. REPAIR OR REPLACE ANY DAMAGED SOCKETS OR BALLASTS TO ENSURE PROPER OPERATION. FINAL INSTALLATION SHALL MEET ALL CODE REQUIRED LIGHT LEVEL REQUIREMENTS AND SHALL FUNCTION PROPERLY WITH EXISTING CONTROLS.

2 CONNECT TO EXISTING AREA LIGHT FIXTURE CIRCUIT AND CONTROLS. MAINTAIN CONNECTION TO EXISTING NORMAL LIGHTING AND EMERGENCY LIGHTING CIRCUIT(S) FOR PROPER OPERATION. EXISTING RACEWAY, CIRCUITRY AND RELATED APPURTENANCES MAY BE REUSED IF IN GOOD CONDITION AND NEW DESIGN CRITERIA CAN BE MET, OTHERWISE REPLACE.

3 EXISTING ROOM/SPACE TO REMAIN. COORDINATE REMODEL WORK WITH CONSTRUCTION PHASE AND OVERALL PLAN FOR REMODEL OF STORE.

4 VERIFY LOCATION OF LED LIGHTING CONTROLLER (MAGNETIC DIMMABLE DRIVER). LOCATE CONTROLLED IN ACCESSIBLE LOCATION. ROUTE LOW VOLTAGE CABLE IN WALL SPACE TO LED LIGHTING BEHIND ACRYLIC DISPLAY.

5 MARKET GRILLE SWITCHBANK. COORDINATE FINAL LOCATION WITH HY-VEE PRIOR TO ROUGH-IN. REFER TO 2/E3.1.

6 TRACK LIGHTING TO BE CONTROLLED VIA EXISTING LIGHTING CONTROL PANEL.

7 LOCATE TRANSFORMER IN ACCESSIBLE LOCATION ABOVE CEILING ELEMENT. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH HY-VEE PRIOR TO ROUGH-IN.

8 PROVIDE JUNCTION BOX FOR BEER COOLER SIGNAGE. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH HY-VEE PRIOR TO ROUGH-IN.

9 RELOCATE LIGHT FIXTURE(S) AS SHOWN AND REVISE AND EXTEND RELATED CIRCUITRY.

10 WINE AND SPIRITS SWITCHBANK. COORDINATE FINAL LOCATION WITH HY-VEE PRIOR TO ROUGH-IN. REFER TO 3/E3.1.

REVISION		DATE BY
2	ASI #2	01/07/21
3	ASI #3	01/26/21
5	ASI #5	03/19/21
7	ASI #7	04/16/21
8	ASI #8	05/20/21

HENDERSON ENGINEERS
8345 LENEXA DRIVE, SUITE 300
LENEXA, KS 66214
TEL 913.742.5000 FAX 913.742.5001
WWW.HENDERSONENGINEERS.COM
1950003081
MO. CORPORATE NO: E-5556D
EXPIRES 12/31/2021

PROFESSIONAL SEAL

STATE OF MISSOURI
VINCENT G. MASILIONIS
NUMBER PE-2008008670
PROFESSIONAL ENGINEER

05/20/2021
VINCENT G. MASILIONIS
LICENSE # PE-2008008670

LOCATION
LEE'S SUMMIT, MO #2
310 SW WARD RD

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2955

hyvee® EMPLOYEE OWNED

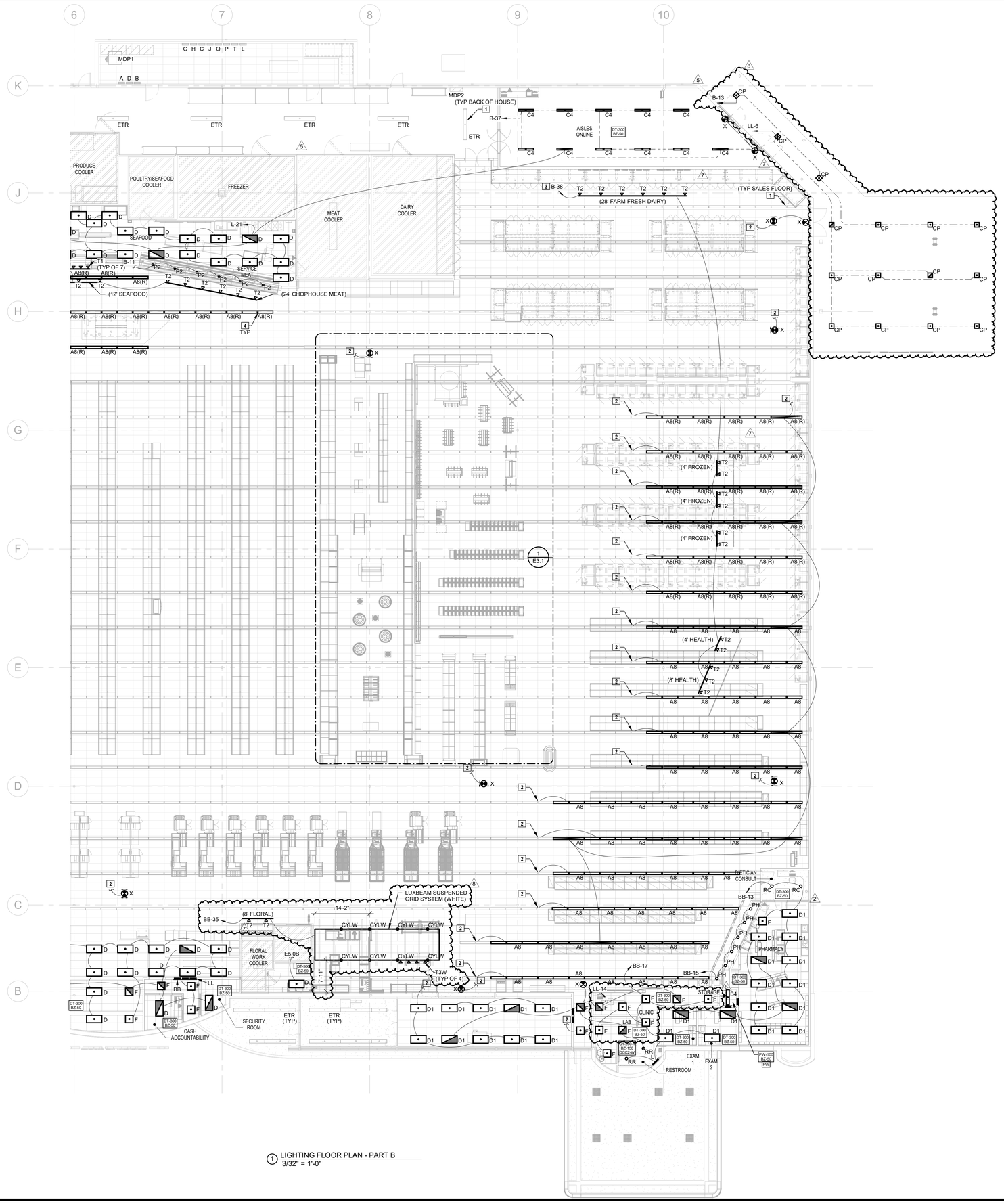
NORTH PLAN NORTH

LIGHTING FLOOR PLAN - PART A

PROJECT MANAGER	CHECKED BY:
SL	HEI
DRAWN BY:	DATE:
HENDERSON	10/19/2020
SCALE:	JOB NUMBER:
AS NOTED	62930547

SHEET:
E3.0A

VINCENT G. MASILIONIS
5/20/2021 11:14:23 PM



1 LIGHTING FLOOR PLAN - PART B
3/32" = 1'-0"

LIGHTING GENERAL NOTES:

1. THE EMERGENCY LIGHTING SYSTEM HAS BEEN DESIGNED TO PROVIDE AN INITIAL FLOOR ILLUMINANCE LEVEL OF 1 FC AVERAGE, 0.1 FC MINIMUM AND NO MORE THAN A 40:1 MAX/MIN RATIO ALONG THE EMERGENCY EGRESS PATHS. WHERE APPLICABLE, ADJUST AIMING OF EMERGENCY LIGHTS AS REQUIRED TO PROVIDE PROPER ILLUMINATION AT FLOOR AVOIDING OBSTACLES AND SHADOWS AFTER STORE SET-UP IS COMPLETE.
2. WALL MOUNTED EXITS SIGNS SHALL BE MOUNTED 12" ABOVE DOOR FRAME AND CENTERED ABOVE DOOR OPENING, UNLESS NOTED OTHERWISE. CEILING/PENDANT MOUNTED EXIT SIGNS SHALL BE SUSPENDED TO 12'-0" AFF IN CUSTOMER AREAS OPEN TO STRUCTURE. AT BOTTOM OF BAR JOISTS IN BACKROOM AREAS AND ON FINISHED CEILING WHERE APPLICABLE, UNLESS NOTED OTHERWISE. EXIT SIGNS SHALL BE READILY VISIBLE FROM DIRECTION OF EGRESS TRAVEL. COORDINATE FINAL EXIT SIGN LOCATIONS WITH AHJ AND OWNER.
3. PROVIDE LABEL AT EACH MANUAL LIGHT SWITCH INDICATING THE LIGHT FIXTURE(S) THAT THE SWITCH CONTROLS AND THE RESPECTIVE "PNLBD-CKT#" DESIGNATION. A SINGLE LIGHT SWITCH FOR A SMALL ROOM DOES NOT NEED TO INDICATE THE SPACE CONTROLLED SINCE IT IS INTUITIVELY OBVIOUS. COORDINATE LABEL REQUIREMENTS WITH THE OWNER PRIOR TO INSTALLATION. REFER TO THE SPECIFICATIONS FOR MORE INFORMATION.
4. ALL REMOTELY LOCATED LIGHT FIXTURE POWER SUPPLIES SHALL BE LOCATED IN AN ACCESSIBLE LOCATION WITH PROPER VENTILATION IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. CONCEAL DEVICES AND RELATED WIRING FROM CUSTOMER/PUBLIC VIEW. PROVIDE ENCOSURE IF REQUIRED. COORDINATE LOCATION AND ENCLOSURE TYPE WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
5. PER 2017 NEC 700.2 AND 700.24, ALL DIRECTLY CONTROLLED LUMINAIRES USED FOR EMERGENCY ILLUMINATION AND ALL APPLICABLE CONTROLS SHALL HAVE UL 924 LISTING OR EQUIVALENT NRTL LISTING. IF EMERGENCY LUMINAIRE OR CONTROL MANUFACTURER DOES NOT HAVE APPROPRIATE LISTING THE EMERGENCY LUMINAIRE SHALL NOT BE CONNECTED TO 0-10V DIMMING SYSTEM.

LIGHTING GENERAL NOTES (GROCERY):

1. ALL LIGHT FIXTURES OVER OPEN FOOD AREAS, COFFIN CASES AND FOOD PREP AREAS SHALL BE LED TYPE OR PROVIDED WITH PROTECT-A-LAMP COVERS OR EQUIVALENT SHIELDED OR SHATTERPROOF LAMPS. VERIFY THAT ALL AREAS ARE PROPERLY PROTECTED AFTER STORE SET-UP IS COMPLETE. LIGHT FIXTURES IN FOOD PROCESSING AREAS SHALL BE EASILY CLEANABLE AND SUITABLE FOR THE LOCATION. USE PRODUCTS WITH THE APPROPRIATE NATIONAL SANITATION FOUNDATION (NSF) CERTIFICATION IF REQUIRED BY THE AHJ.
2. COORDINATE FINAL LIGHT FIXTURE LOCATIONS IN WALK-IN COOLERS AND FREEZERS WITH REFRIGERATION COILS AND OTHER TRADES.

LIGHTING SUPPLEMENTAL SPECIFICATIONS:

1. REFER TO THE ARCHITECTURAL DRAWINGS FOR LIGHT FIXTURE LOCATIONS, MOUNTING HEIGHTS, TRACK LENGTHS AND ADDITIONAL MOUNTING INFORMATION. CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT COORDINATION AND CONFLICT ISSUES ARE RESOLVED PRIOR TO INSTALLATION OF LIGHT FIXTURES. CONTACT ARCHITECT/ENGINEER IMMEDIATELY IF THERE ARE DISCREPANCIES.
2. THROUGH WIRING OF RECESSED LIGHT FIXTURES, IN SUSPENDED CEILINGS, IS NOT PERMITTED. CONNECT EACH LIGHT FIXTURE BY A WHIP TO A JUNCTION BOX. PROVIDE CABLE WHIPS OF SUFFICIENT LENGTHS TO ALLOW FOR RELOCATING EACH LIGHT FIXTURE WITHIN A 5'-0" RADIUS OF ITS INDICATED LOCATION. CABLE WHIPS SHALL NOT EXCEED 6'-0" OF UNSUPPORTED LENGTHS.
3. PROVIDE A NEUTRAL CONDUCTOR TO ALL WALL MOUNTED LINE VOLTAGE LIGHT SWITCHES, UNLESS NOTED OTHERWISE. IF NEUTRAL TERMINATION IS NOT REQUIRED FOR THE DEVICE THEN CAP CONDUCTOR AND TAG AS "NEUTRAL FOR FUTURE USE".
4. COORDINATE ALL OCCUPANCY/VACANCY SENSOR SETTINGS WITH OWNER AND ADJUST AS NECESSARY FOR PROPER OPERATION. SETTINGS MUST COMPLY WITH AHJ AND LOCAL ENERGY CODE REQUIREMENTS.
5. DO NOT INSTALL OCCUPANCY/VACANCY SENSORS WITHIN 48" OF AIR DIFFUSER OR SIMILAR OBSTRUCTION THAT MAY ADVERSLY AFFECT THE SENSOR PERFORMANCE. COORDINATE FINAL SENSOR LOCATIONS WITH OTHER TRADES AND INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

LIGHTING DESIGN RESPONSIBILITY GENERAL NOTES:

1. THE LOCATION AND SELECTION OF THE LIGHT FIXTURES WERE MADE BY OTHERS AND ARE OUTSIDE OF THE SCOPE OF WORK OF HENDERSON ENGINEERS, UNLESS NOTED OTHERWISE. HENDERSON ENGINEER'S SCOPE OF SERVICES IS LIMITED TO PROVIDING LIGHTING POWER CIRCUIT AND CONTROL DESIGN AND CODE COMPLIANCE CALCULATIONS. THE USE OF THE SEAL AND SIGNATURE ON THIS SHEET APPLIES TO HENDERSON ENGINEER'S SCOPE OF SERVICES ONLY.

☐ LIGHTING FLOOR PLAN NOTES

1 REPLACE EXISTING LAMP(S) IN THIS AREA WITH LED REPLACEMENT WITH INTEGRATED DRIVER OF SIMILAR LUMEN OUTPUT. LED REPLACEMENT SHALL BE COMPATIBLE WITH EXISTING BALLAST(S), SOCKETS AND CONTROLS. PROVIDE LED REPLACEMENT BY GE, PHILLIPS, OR OTHER APPROVED NRTL LISTED PRODUCT. PROVIDE SUBMITTAL OF PROPOSED LED REPLACEMENT TO ENGINEER AND OWNER FOR REVIEW PRIOR TO ORDER. REPAIR OR REPLACE ANY DAMAGED SOCKETS OR BALLASTS TO ENSURE PROPER OPERATION. FINAL INSTALLATION SHALL MEET ALL CODE REQUIRED LIGHT LEVEL REQUIREMENTS AND SHALL FUNCTION PROPERLY WITH EXISTING CONTROLS.

2 CONNECT TO EXISTING AREA LIGHT FIXTURE CIRCUIT AND CONTROLS. MAINTAIN CONNECTION TO EXISTING NORMAL LIGHTING AND EMERGENCY LIGHTING CIRCUIT(S) FOR PROPER OPERATION. EXISTING RACEWAY, CIRCUITRY AND RELATED APPURTENANCES MAY BE REUSED IF IN GOOD CONDITION AND NEW DESIGN CRITERIA CAN BE MET, OTHERWISE REPLACE.

3 TRACK LIGHTING TO BE CONTROLLED VIA EXISTING LIGHTING CONTROL PANEL.

4 RELOCATE LIGHT FIXTURE(S) AS SHOWN AND REVISE AND EXTEND RELATED CIRCUITRY.

REVISION		DATE BY
2	ASI #2	01/07/21
5	ASI #5	03/19/21
7	ASI #7	04/16/21
8	ASI #8	05/20/21

HENDERSON ENGINEERS
8345 LENEXA DRIVE, SUITE 300
LENEXA, KS 66214
TEL 913.742.5000 FAX 913.742.5001
WWW.HENDERSONENGINEERS.COM
1950003081
MO. CORPORATE NO: E-556D
EXPIRES 12/31/2021

PROFESSIONAL SEAL

STATE OF MISSOURI · VINCENT G. MASILIONIS · NUMBER PE-2008008670 · PROFESSIONAL ENGINEER

05/20/2021

VINCENT G. MASILIONIS
LICENSE # PE-2008008670

LOCATION
LEE'S SUMMIT, MO #2
310 SW WARD RD

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2555

Hy-Vee® EMPLOYEE OWNED

NORTH PLAN NORTH

LIGHTING FLOOR PLAN - PART B

PROJECT MANAGER	CHECKED BY:
SL	HEI
DRAWN BY:	DATE:
HENDERSON	10/19/2020
SCALE:	JOB NUMBER:
AS NOTED	62930547

SHEET:

E3.0B

VINCENT G. MASILIONIS
5/20/2021 11:14:54 PM

MARKET GRILLE and CASUAL DINING LIGHTING FIXTURE SCHEDULE

UPDATED 12-13-19

(NOT ALL FIXTURES LISTED MAY APPLY TO THIS PROJECT)

SYMBOL	MARK	TYPE	MANUFACTURER/MODEL #	LOCATION	VOLTAGE	DIMMER	MFR NOTES
TL TAPELIGHT	TAPELIGHT	FLEXIBLE STRIP	TUBE LIGHTING DSH-HO24V-XX-4'/DSH-DR60-24V	BAR	120v	STYLE-LINE SWITCH	SEE INTERIOR ELEVATION OF BAR FOR TAPELIGHT LOCATIONS
RC	RC	RECESSED CAN	L6R20ANZ10UVAL6R20840VAL4RDD	OVERHEAD	120v	SR1200ZTUNV	PHILIPS
D1V D2V D2A D3V D3A D4	D1 D2 D2A D3 D3A D4	DRUM 15"x19" DRUM 24"x12" DRUM 24"x21" DRUM 36"x12" DRUM 36"x30" DRUM 48"x18"	CONTECH RLM592DRA1 CONTECH RLM592DRB1 CONTECH RLM592DRC1 CONTECH RLM594DRD1 CONTECH RLM594DRE1 CONTECH RLM594DRF1	OVERHEAD OVERHEAD OVERHEAD OVERHEAD OVERHEAD OVERHEAD	120v 120v 120v 120v 120v 120v	SR1000VA-WHITE SR1000VA-WHITE SR1000VA-WHITE SR1000VA-WHITE SR1000VA-WHITE SR1000VA-WHITE	(2) 15 WATT LAMPS, MAX. (2) 15 WATT LAMPS, MAX. (2) 15 WATT LAMPS, MAX. (4) 15 WATT LAMPS, MAX. (4) 15 WATT LAMPS, MAX. (4) 15 WATT LAMPS, MAX.
S1	S1	SPOT LIGHT	CONTECH LIGHTING CTL 806V	OVERHEAD TRACK	120v	SR1000VA-WHITE	VERIFY MOUNTING HEIGHTS
F1 F1 F1	F1	FLOOD LIGHT	CONTECH LIGHTING CTL 806V	OVERHEAD TRACK	120v	SR1000VA-WHITE	VERIFY MOUNTING HEIGHTS AND METHODS
P	P	PENDANT	TECH LIGHTING 700MOYLS MINI SIGNAL PENDANT	TABLE LIGHTS	120v	SR1000VA-WHITE	TECH LIGHTING
CYL		CYLINDER	CONTECH CLS130MX/D2-P-M-CLR-S-CSK18-S	CYLINDER - PATH AND EMERGENCY LIGHTING	120v	SR1000VA-WHITE	VERIFY MOUNTING HEIGHT
SL		SUSPENDED LIGHTING (2 INDIVIDUAL RUNS)	TUBE LIGHTING, INC. BPS-307SM-12-WWLED-FRSM-GD-BK-BUS	OVERHEAD AT BAR	120v		SUSPEND LIGHTING STRINGS BETWEEN CORNERS OF FRAME/WORK WITH 3/16" DIAMETER STAINLESS STEEL SUSPENSION CABLE. INSTALL MODEL T-1023-24-1 150W TRANSFORMER IN ACCESSIBLE LOCATION
RC4		RECESSED CAN	PHILIPS/LIGHTOLIER L4R10ANZ10UVAL4R10840VAL4RDD	OVERHEAD	120V	SR1200ZTUNV 0-10 VOLT	1500 LUMEN FIXTURE. PROVIDE DIMMER SWITCH.

REFER TO ENERGY MANAGEMENT CONSULTANTS (EMC) DRAWINGS AND SCHEDULES FOR COMPLETE LIST OF LIGHTING REQUIREMENTS INCLUDING LAMP SPECIFICATIONS, BALLASTS, AND MISCELLANEOUS COMPONENTS.

FOR THE RECESSED LIGHTING FIXTURES AND CYLINDER FIXTURES CONNECTED TO THE EMERGENCY LIGHTING PANEL, FURNISH AND INSTALL A PHILLIPS BODINE GENERATOR TRANSFER DEVICE (GTD) TO POWER THE FIXTURE WHEN ENERGIZED FROM THE GENERATOR.

LIGHTING FIXTURE SCHEDULE

SYMBOL	TYPE	EMC LABEL	MANUFACTURER/MODEL #	WATTS	VA	VOLTAGE	LOCATION	NOTES
A8	8' SALES LIGHTING FIXTURE - LED	GSDBLED	GE L-IS-18-B-0-A2-D9-P-40-V-Q-CS-WHITE	101		120	SALES LIGHTING	LED FIXTURE
B8	8' SALES LIGHTING FIXTURE	GSD8	PHILIPS TKA232-UNV-120-2/2-EBO(8232PUNVDFHAODC)-P218-WH-FA	146-27		120	SALES LIGHTING	OPEN CEILING E4HHK HANGERS, 789276001 TIKA END CAPS
B4	4' SALES LIGHTING FIXTURE	GSD4	PHILIPS IKA232-UNV-120-1/2-EBO(8232PUNVDFHAODC)-P214-WH-FA	70-14		120	SALES LIGHTING	OPEN CEILING E4HHK HANGERS, 789276001 TIKA END CAPS
C4	1X4 BACKROOM UTILITY FIXTURE	PG4	PHILIPS IS232-120-1/2-EB-8232UNVHP-N	58	64	120	BACKROOMS	
CP	LED CANOPY LUMINAIRE		LSI CRUS-SC-LED-SLW-30-UE-WHT	38	40	120	AOL CANOPY	VERIFY ACCESSORIES AND FINISH
CYLW	CYLINDER		CONTECH CYL8330MX/DTFCMCLR-P	21	23	120	FLORAL	VERIFY MOUNTING HEIGHT
D1	2X4 LED FIXTURE	LED LED ENT	PHILIPS 2FGD42B-840-4-D-UNV-DIM PHILIPS 2FGD42B-840-4-D-UNV-DIMEMA24	44 44	48 48	120 120	SEE PLAN SEE PLAN	LED FIXTURE (entry cart storage) LED FIXTURE
EM	WALL MOUNTED EMERGENCY LIGHT	EMH	SIGNIFY VLLU2	4	4	120	WINE AND SPIRITS	EMERGENCY BUGEYE
F	2X2 LED FIXTURE	LED22 UPK2	PHILIPS 2FGG38B-840-2-D-UNV-DIM	54	60	120	SEE PLAN LED	AREAS NOT VISIBLE TO CUSTOMER
D	2X4 LED FIXTURE - FLAT PANEL	.	PHILIPS 2 FPZ 42B 840 4 DS UNV DIM	38	42	120	SEE PLAN	LED FIXTURE - BACK OF HOUSE.
DL1	3" SQUARE RECESSED ADJUSTABLE DOWNLIGHT		TECH E3S-FF-LH-930-2-A-N-010/E3S-F15-B-0-W	18	20	120	WINE ROOM	25 DEGREE BEAM SPREAD AIMED AT 4' AFF
DL1A	3" SQUARE RECESSED ADJUSTABLE DOWNLIGHT		TECH E3S-FF-LH-930-4-A-N-010/E3S-F15-B-0-W	18	20	120	WINE ROOM	40 DEGREE BEAM SPREAD AIMED AT 7' AFF
FC	LOW TEMP FREEZER/COOLER FIXTURE	HO	KINGSPAN LDX-VT-D-4-24	47	52	120	COOLERS FREEZERS	LED FIXTURE SEE DRAWING E5.0
FL1	FLOOR MOUNT LINEAR GRAZING FIXTURE		COLORKINETICS 523-000065-41/108-000047-00/120-000124-00	32	35	120	WINE ROOM	FLOOR MOUNT, COORDINATE INSTALLATION WITH ARCHITECTURAL DRAWINGS
L	MIRROR LIGHT	RW	WAC LIGHTING WS-6724F-30-AL	22	24	120	RESTROOMS	ABOVE MIRROR
X	EXIT LIGHT	E	MCPHILBEN DBBJ VERWEM	3.4	3.4	120	ALL AREAS	
RC	RECESSED CAN LIGHTING FIXTURE	LEDC	PHILIPS L6R20ANZ10UVAL6R20840VAL6RDD	22	24	120	DEPARTMENTS	LED FIXTURE
RR	RESTROOM RECESSED CAN FIXTURE	RR	PHILIPS L6R20ANZ10UVAL6R20840VAL6RDD	22	24	120	MOTHER'S ROOM/ RESTROOMS	LED FIXTURE
PH	PHARMACY RECESSED CAN FIXTURE	LEDC	PHILIPS L4R10ANZ10UVAL4R10840VAL4RDD	22	24	120	PHARMACY	LED FIXTURE
P2	PENDANT LIGHT FIXTURE AT MEAT CASES	P	DAYBRITE VP11GC, RAB C100 J-BOX COVER LG7003GGD-326-2200K-120V	9.5	10	120	MEAT DEPT	INSTALLED OVER CASES; E.C. TO PAINT COVER WITH GALVANIZED PAINT TO MATCH FIXTURE
PT	PENDANT LIGHT FIXTURE - DSW & JOE FRESH		TECH LIGHTING POWELL STREET PENDANT 700TDPSP24VWW-LED830 LA17 TRACK CONNECTOR	150	160	120	DSW & JOE FRESH CHECKOUT	SEE PLAN FOR TRACK LENGTHS
HL RED HEAT LAMPS	HEAT LAMPS (ABOVE ASIAN CASE)		HATCO DL-700 (RADIANT RED)	250	275	120	ASIAN CASE	120 VOLT. MOUNT OVER CASE
T1	BAKERY CAKE WALL / SEAFOOD TRACK LIGHTING LED	THILW	CONTECH CTL8063VM30D-S LT-4-S LT-8-S LA-10-S LA-2-S	21	23	120	SEAFOOD	LED SEE PLAN FOR TRACK LENGTHS
T2	DEPARTMENT HEADER TRACK LIGHTING LED	THWHT	CONTECH CTL193 H 4 S (SILVER)	35	38	120	DEPARTMENT TRACK LIGHTING	LED SEE PLAN FOR TRACK LENGTHS
T3B	CANDY/CARDS TRACK LIGHTING LED		CONTECH CTL8063VM30D-B LT-6-P (BLACK TRACK) LA-10-BK (STARTER)	21	23	120	DEPARTMENT TRACK LIGHTING	LED SEE PLAN FOR TRACK LENGTHS
T3W	CANDY/CARDS TRACK LIGHTING LED		CONTECH CTL8063VM30D-W LT-6-P (WHITE TRACK) LA-10-WH (STARTER)	21	23	120	DEPARTMENT TRACK LIGHTING	LED
T4	CANDY/CARDS LED		SPUTNICK CUSTOM STEM FIXTURE CONTECH LA-117 CONNECTOR	60	60	120	DEPARTMENT	LED
WP	EXTERIOR WALL PAK FIXTURE LED	W	SIGNIFY LPW32-78WZ	71	74	120	EXTERIOR	LED

REFER TO ENERGY MANAGEMENT CONSULTANTS (EMC) DRAWINGS AND SCHEDULES FOR COMPLETE LIST OF LIGHTING REQUIREMENTS INCLUDING LAMP SPECIFICATIONS, BALLASTS, AND MISCELLANEOUS COMPONENTS.

LIGHTING CONTROLS

(NOT ALL DEPARTMENTS LISTED MAY APPLY TO THIS PROJECT)

AREA	CONTROLS
MAIN SALES FLOOR	LIGHTING DIMMING PANEL
WINE AND SPIRITS	LIGHTING DIMMING PANEL
DINING AREAS and BAR	DIMMER SWITCHES (SEE SPECIFIC SCHEDULE AND DIAGRAMS FOR DIMMING CONTROLS)
KITCHEN	WATTSTOPPER DT-300 OCCUPANCY SENSOR(S) WITH BZ-50 POWER PACK(S) — PW-300 BZ-50
ASIAN KITCHEN	WATTSTOPPER DT-300 OCCUPANCY SENSOR(S) WITH BZ-50 POWER PACK(S) — PW-300 BZ-50
BAKERY	WATTSTOPPER DT-300 OCCUPANCY SENSOR(S) WITH BZ-50 POWER PACK(S). PROVIDE STYLE-LINE WALL SWITCH FOR CAKE DECORATING TRACK LIGHTS — PW-300 BZ-50
MEAT DEPT	WATTSTOPPER DT-300 OCCUPANCY SENSOR(S) WITH BZ-50 POWER PACK(S). PROVIDE STYLE-LINE WALL SWITCH FOR SEAFOOD TRACK LIGHTS — PW-300 BZ-50
CHEESE ISLAND	WATTSTOPPER DT-300 OCCUPANCY SENSOR(S) WITH BZ-50 POWER PACK(S) — PW-300 BZ-50
PHARMACY	WATTSTOPPER DT-300 OCCUPANCY SENSOR(S) WITH BZ-50 POWER PACK(S) FOR 2X2 LIGHTING. PROVIDE STYLE-LINE WALL SWITCH FOR RECESSED FIXTURES AT BULKHEAD OVER PHARMACY COUNTER — PW-300 BZ-50
PHARMACY CONSULT. ROOM	WATTSTOPPER DT-300 OCCUPANCY SENSOR WITH BZ-50 POWER PACK — PW-300 BZ-50
DEPT HEADS OFFICE	WATTSTOPPER DT-300 OCCUPANCY SENSOR WITH BZ-50 POWER PACK — PW-300 BZ-50
ASSISTANT MANAGER OFFICE	WATTSTOPPER DT-300 OCCUPANCY SENSOR WITH BZ-50 POWER PACK — PW-300 BZ-50
EMPLOYEE LOUNGE	WATTSTOPPER DT-300 OCCUPANCY SENSOR WITH BZ-50 POWER PACK — PW-300 BZ-50
CASH ACCOUNTABILITY	WATTSTOPPER DT-300 OCCUPANCY SENSOR WITH BZ-50 POWER PACK — PW-300 BZ-50
PRODUCE PREPACK	WATTSTOPPER DT-300 OCCUPANCY SENSOR WITH BZ-50 POWER PACK — PW-300 BZ-50
SCAN ROOM OFFICE	WATTSTOPPER DT-300 OCCUPANCY SENSOR WITH BZ-50 POWER PACK — PW-300 BZ-50
ACCOUNTING OFFICE	WATTSTOPPER DT-300 OCCUPANCY SENSOR WITH BZ-50 POWER PACK — PW-300 BZ-50
COMMUNICATIONS CLOSET	WATTSTOPPER DT-300 OCCUPANCY SENSOR WITH BZ-50 POWER PACK — PW-300 BZ-50
WINE and SPIRITS STORAGE	WATTSTOPPER DT-300 OCCUPANCY SENSOR WITH BZ-50 POWER PACK — PW-300 BZ-50
CLINIC/EXAM ROOMS	WATTSTOPPER DT-300 OCCUPANCY SENSOR WITH BZ-50 POWER PACK — PW-300 BZ-50
HOME COOKING ROOM	WATTSTOPPER DT-300 OCCUPANCY SENSOR WITH BZ-50 POWER PACK — PW-300 BZ-50
HR OFFICE	WATTSTOPPER PW-100 WALL SWITCH WITH INTEGRAL BZ-50 POWER PACK — PW-100 BZ-50
DIETITIAN OFFICE	WATTSTOPPER PW-100 WALL SWITCH WITH INTEGRAL BZ-50 POWER PACK — PW-100 BZ-50
DIRECTORS OFFICE	WATTSTOPPER PW-100 WALL SWITCH WITH INTEGRAL BZ-50 POWER PACK — PW-100 BZ-50
ACCOUNTING STORAGE	WATTSTOPPER PW-100 WALL SWITCH WITH INTEGRAL BZ-50 POWER PACK — PW-100 BZ-50
JANITORS CLOSET	WATTSTOPPER PW-100 WALL SWITCH WITH INTEGRAL BZ-50 POWER PACK — PW-100 BZ-50
MOTHERS ROOM	WATTSTOPPER PW-100 WALL SWITCH WITH INTEGRAL BZ-50 POWER PACK — PW-100 BZ-50
PHARMACY STORAGE	WATTSTOPPER PW-100 WALL SWITCH WITH INTEGRAL BZ-50 POWER PACK — PW-100 BZ-50
BACK STOREROOM/DOCK (with SKYLIGHTS)	WATTSTOPPER LS-102 OCCUPANCY SENSOR(S) WITH BZ-50 POWER PACK(S) — BZ-150 BZ-50
INDIVIDUAL RESTROOMS	WATTSTOPPER CI-200-1 CEILING MOUNTED OCCUPANCY SENSOR (EACH RESTROOM OR STALL) WITH BZ-150 POWER PACK AND DCC2/W WALL CONTROL — DCC2/W-1 BZ-150 DCC2/W
FREEZERS and COOLERS (except BEER COOLER)	WATTSTOPPER CB-100 OCCUPANCY SENSOR(S) WITH BZ-50 POWER PACK(S). (VERIFY LOCATION OF BZ-50 POWER PACK - INSIDE OR OUTSIDE OF FREEZER/COOLER) — CB-100 BZ-50
BEER COOLER	STYLE-LINE WALL SWITCH
WINE TASTING ROOM	STYLE-LINE WALL SWITCH
FRONT ELECTRIC ROOM	STYLE-LINE WALL SWITCH
VESTIBULES	NO CONTROLS (TO BE SWITCHED BY PANELBOARD BREAKER)
DEPT HEADER TRACK LIGHTS	NO CONTROLS (TO BE SWITCHED BY PANELBOARD BREAKER)

NOTES:

1. COORDINATE ALL LIGHTING CONTROLS WITH DRAWINGS PREPARED BY ENERGY MANAGEMENT CONSULTANTS.
2. ANY AREA NOT LISTED ABOVE SHALL BE CONTROLLED BY A STYLE-LINE WALL SWITCH.

CIRCUIT 'MARKET GRILLE' LIGHTING FIXTURES TO ELECTRICAL PANELS 'S', 'U' , AND 'L' (EMER PANEL)

PROVIDE A PERMANENT PLASTIC PLAQUE LABEL FOR EACH SWITCH DESCRIBING ITS USE AND CIRCUIT NUMBER

PROVIDE DEEP BOXES FOR DIMMER SWITCHES

1	2	3	4	
DIMMER 120V BAR RECESSED (CKT: S-6)	DIMMER 120V EMER. LTG (CKT: L-25)	DIMMER 120V OVERHEAD RECESSED (CKT: S-8)	DIMMER 120V BACK BAR DISPLAY (CKT: S-10)	4 GANG COVERPLATE
5	**6**	**7**	**8**	**9**	
DIMMER 120V BAR FLOODS (8 HEADS) (CKT: S-12)	DIMMER 120V BAR TRELLIS (CKT: S-20)	DIMMER 120V DRUM LIGHTS (CKT: U-34)	DIMMER 120V TRACK PENDANTS (CKT: U-36)	DIMMER 120V CYLINDER LIGHTS (CKT: U-38)	5 GANG COVERPLATE

2 / E3.1 'MARKET GRILLE' LIGHTING SWITCH LAYOUT

SCALE: NONE

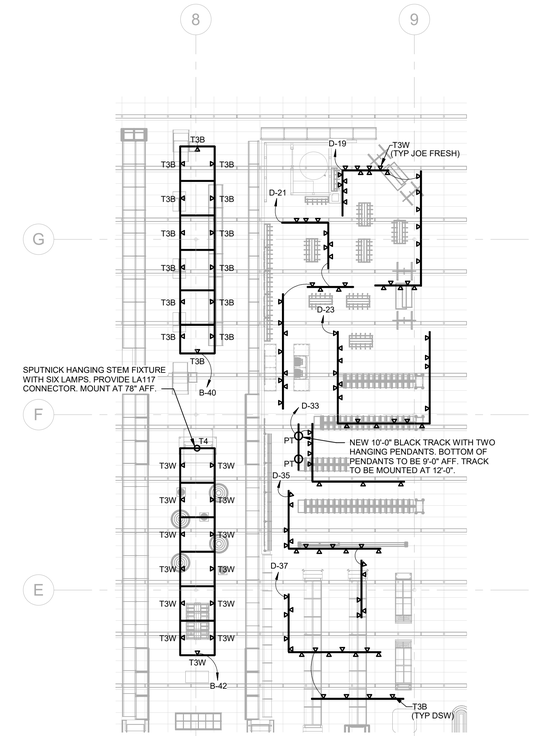
PROVIDE A PERMANENT PLASTIC PLAQUE LABEL FOR EACH SWITCH DESCRIBING ITS USE AND CIRCUIT NUMBER

PROVIDE DEEP BOXES FOR DIMMER SWITCHES

1	2	3	
DIMMER 120V HUMIDOR (CKT:B-21)	ELV DIMMER 120V WINE RM UPLTS (CKT: B-35)	0-10V DIMMER 120V WINE RM DWNLTS (CKT: B-36)	3 GANG COVERPLATE

3 / E3.1 'WINE & SPIRITS' LIGHTING SWITCH LAYOUT

SCALE: NONE



1 LIGHTING FLOOR PLAN - GREETING CARDS/CANDY/JOE FRESH/DSW

3/32" = 1'-0"

REVISION		DATE BY
2	ASI #2	01/07/21
5	ASI #5	03/19/21
7	ASI #7	04/16/21
8	ASI #8	05/20/21

HENDERSON ENGINEERS
8345 LENEXA DRIVE, SUITE 300
LENEXA, KS 66214
TEL 913.742.5000 FAX 913.742.5001
WWW.HENDERSONENGINEERS.COM
1950003081
MO. CORPORATE NO. E-556D
EXPIRES 12/31/2021

PROFESSIONAL SEAL

STATE OF MISSOURI — VINCENT G. MASILIONIS — NUMBER PE-2008008670 — PROFESSIONAL ENGINEER

05/20/2021

VINCENT G. MASILIONIS
LICENSE # PE-2008008670

LOCATION
LEE'S SUMMIT, MO #2
310 SW WARD RD

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2565

Hy-Vee® EMPLOYEE OWNED

NORTH PLAN NORTH

LIGHTING SCHEDULES AND DETAILS

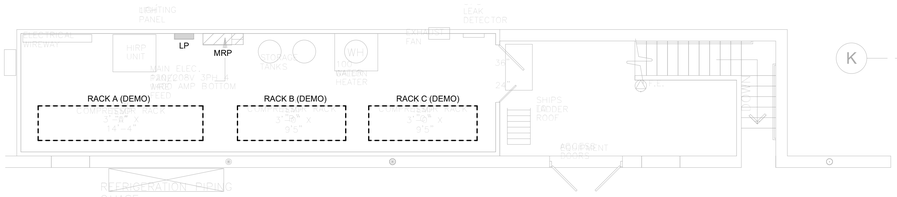
PROJECT MANAGER	CHECKED BY:
SL	HEI
DRAWN BY:	DATE:
HENDERSON	10/19/2020
SCALE:	JOB NUMBER:
AS NOTED	62930547

SHEET:

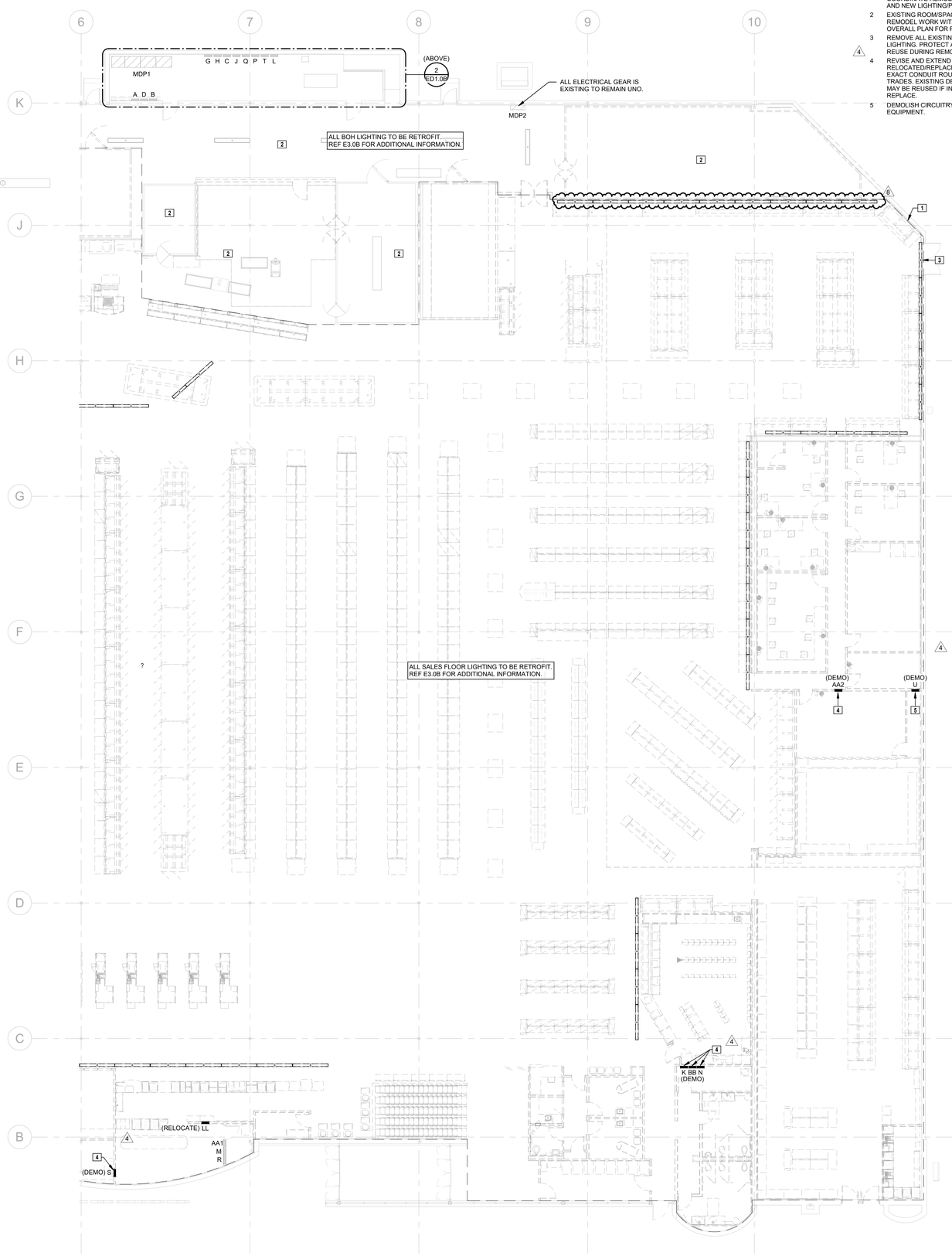
E3.1

VINCENT G. MASILIONIS

5/20/2021 1:15:24 PM



DEMOLITION ELECTRICAL PLAN - REFRIGERATION MEZZANINE
2 3/16" = 1'-0"



1 ELECTRICAL DEMOLITION PLAN PART B
3/32" = 1'-0"

ELECTRICAL DEMO PLAN NOTES

1. MAIN REMODEL AREA. ALL EQUIPMENT TO BE REMOVED OR DEMOLISHED IN THIS AREA AS INDICATED. COORDINATE REMODEL WITH CONSTRUCTION PHASE AND NEW LIGHTING/POWER PLANS FOR WORK.
2. EXISTING ROOM/SPACE TO REMAIN. COORDINATE REMODEL WORK WITH CONSTRUCTION PHASE AND OVERALL PLAN FOR REMODEL OF STORE.
3. REMOVE ALL EXISTING SALES FLOOR PERIMETER LIGHTING. PROTECT AND STORE LIGHT FIXTURES FOR REUSE DURING REMODEL.
4. REVISE AND EXTEND CIRCUITRY FOR RELOCATED/REPLACED EQUIPMENT. COORDINATE EXACT CONDUIT ROUTING WITH TENANT AND OTHER TRADES. EXISTING DEVICES AND RELATED CIRCUITRY MAY BE REUSED IF IN GOOD CONDITION, OTHERWISE REPLACE.
5. DEMOLISH CIRCUITRY FOR RELOCATED/REPLACED EQUIPMENT.

REVISION		DATE BY
4	ASI #4	02/05/21
5	ASI #5	05/20/21

HENDERSON ENGINEERS
8345 LENEXA DRIVE, SUITE 300
LENEXA, KS 66214
TEL 913.742.5000 FAX 913.742.5001
WWW.HENDERSONENGINEERS.COM
1950003081
MO. CORPORATE NO: E-556D
EXPIRES 12/31/2021

PROFESSIONAL SEAL

STATE OF MISSOURI · VINCENT G. MASILIONIS · NUMBER PE-2008008670 · PROFESSIONAL ENGINEER

05/20/2021

VINCENT G. MASILIONIS
LICENSE # PE-2008008670

LOCATION
LEE'S SUMMIT, MO #2
310 SW WARD RD

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2565

Hy-Vee® EMPLOYEE OWNED

NORTH PLAN NORTH

ELECTRICAL DEMOLITION PLAN - PART B

PROJECT MANAGER	CHECKED BY:
SL	HEI
DRAWN BY:	DATE:
HENDERSON	10/19/2020
SCALE:	JOB NUMBER:
AS NOTED	62930547

SHEET:
ED1.0B

VINCENT G. MASILIONIS
5/20/2021 1:15:36 PM

COMMUNICATIONS PLAN NOTES:

1. REFER TO E2.0 SHEETS FOR CIRCUIT AND ADDITIONAL INFORMATION.
2. 2" CONDUIT WITH PULLWIRE FOR OWNER FURNISHED REMOTE READER. COORDINATE LOCATION WITH OWNER.
3. 2" CONDUIT WITH PULLWIRE TO TOWER PROCESSOR FOR COMMUNICATIONS CABLE.
4. CUSTOMER SERVICE CONDUIT STUB UP LOCATION. ALL CONDUITS ROUTED TO THIS LOCATION AND BRANCH CIRCUITS, TELEPHONE AND NCR CABLES TO BE ROUTED IN CASEWORK AS REQUIRED. VERIFY NUMBER AND SIZE OF CONDUITS.
5. 1" CONDUIT WITH PULLWIRE FOR COMPUTER LOOP AND CABLE T.V. ROUTE CONDUIT TO ABOVE CEILING.
6. PROVIDE 4" CONDUIT FOR TELEPHONE SERVICE AND 2" CONDUIT FOR CABLE TV OUT TO 5' BEYOND BUILDING LINE .
7. PULL ONE CAT6 CABLE FOR EACH CASH REGISTER, ONE CAT6 CABLE FOR EACH CATALINA PRINTER, ONE CAT6 CABLE FOR EACH LANE HAWK AND ONE CAT3 CABLE FOR EACH TELEPHONE.

NOTES:
1. ALL EXPOSED WIRING TO BE IN 1" CONDUIT UNLESS OTHERWISE NOTED.
2. PULLSTRING REQUIRED IN ALL UNDERGROUND CONDUIT.
3. ALL UNDERGROUND CONDUIT TO HAVE WATER REMOVED BEFORE CABLING CONTRACTOR WORK BEGINS.

COMMUNICATIONS PLAN SYMBOLS:

- TELEPHONE/DATA OUTLET - CAT6
- TELEPHONE OUTLET - CAT6
- COMPUTER DATA OUTLET - CAT6
- CATALINA DATA OUTLET - CAT6
- REGISTER DATA OUTLET - CAT6
- JUNCTION BOX
- AP — WIRELESS AP - CAT6 CABLE TO TELEPHONE CLOSET
- POS — POINT OF SALE - (2) DATA REQUIRED
- PR — PRINTER - (2) DATA REQUIRED - BOX @+72"
- MD — MOTION DECTECTOR

REVISION	DATE BY
ASI #2 – UDPATE WAS COUNTER LOCATION	1/8/21 bdp
ASI #4 – UDPATE COMM ROOM LOCATION. ADD COAX NOTE. ADD CONDUIT FOR DSW WALL	2/5/21 bdp
ASI #7 – RELOCATE ADL ROOM. UPDATE CUSTOMER SERVICE AREA, UPDATE CAKE DECORATOR AREA	4/21/21 bdp
ASI #8 – RELOCATE DSW, BEAUTY, JOE FRESH	5/19/21 bdp

(1) 1" CONDUIT WITH BOX @ +56" TO ABOVE CEILING

(1) 1" CONDUIT WITH BOX @ +84" TO DECK

(1) 1" CONDUIT WITH BOX @ +18" TO ABOVE CEILING

(1) 1" CONDUIT WITH BOX @ +56" TO ABOVE CEILING

(1) 1" CONDUIT WITH BOX @ +50" ABOVE MAIN LEVEL FINISHED FLOOR TO ABOVE CEILING

(1) 1" CONDUIT WITH BOX @ +56" ABOVE RAMP FINISHED FLOOR TO ABOVE CEILING

(1) 1" CONDUIT WITH BOX @ +56" EXTEND CONDUIT DOWN TO BOX +18 CONDUIT TO ABOVE CEILING

4 CONDUITS

CLEAR ZONE TO B/O STRUCTURE NO LIGHT FIXTURES, CONDUIT, SPRINKLER PIPING, REFRIG. PIPING, HVAC DUCT WORK, CEILING FANS, SPEAKERS, OR WATER PIPING SHALL BE MOUNTED BELOW.

SEE 3/T1.1

SEE 2/T1.2

BACK COMMUNICATIONS CLOSET

(10) 2" CONDUITS TO DECK STUBBED FROM COMM. ROOM TO SALES

ELEC TO PROVIDE POWER FOR WIRELESS PHONE ACCESS POINT CONNECTION +10' A.F.F.

PROVIDE (1) 1" CONDUIT TO ROOF DECK. RUN CABLE TO BACK COMM CLOSET FOR SALES AREA PHONE

EXTEND CONDUIT DOWN WALL TO BELOW COMM. ROOM CEILING

(1) 2" CONDUIT AT COLUMN TO ABOVE CEILING

PROVIDE 1 COAX ROTT FROM FRONT CLOSET TO BACK CLOSET

14'-5"

14'-1"

2" CONDUIT UNDERFLOOR

(2) 2" CONDUITS AT DECK STUBBED FROM WINE AND SPIRITS TO SALES

(1) 2" CONDUIT STUBBED UP INTO WALL WITH JUNCTION BOX

FRONT COMMUNICATIONS CLOSET

PROVIDE (2) 2" CONDUITS FROM UNDERFLOOR DUCT TO FRONT COMMUNICATIONS CLOSET FOR COMMUNICATIONS CABLING. SEE NOTE 7.

(10) 2" CONDUITS TO DECK STUBBED FROM COMM. ROOM TO SALES

PROVIDE (2) 2" CONDUITS FROM UNDERFLOOR DUCT TO FRONT COMMUNICATIONS CLOSET FOR COMMUNICATIONS CABLING. SEE NOTE 7.

2" CONDUIT UNDERFLOOR

20'-0"

(1) 1" CONDUIT UNDERFLOOR

(1) 1" CONDUIT STUBBED UP INTO WALL

(1) 1" CONDUIT STUBBED UP UNDER COUNTER

8'-6"

RX COMMUNICATIONS RACK

(1) 2" CONDUIT AT COLUMN TO ABOVE CEILING

(1) 2" CONDUIT UNDERFLOOR

(1) 2" CONDUIT AT COLUMN TO ABOVE CEILING

7'-3"

20'-0"

CONDUIT STUB UP LOCATION

ELEC TO PROVIDE POWER FOR WIRELESS PHONE ACCESS POINT CONNECTION +10' A.F.F.

VOLUME CONTROL MOUNT UNDER COUNTER

(1) 2" CONDUIT WITH BOX + 18" STUBBED UP IN WALL TO ROOF DECK

(3) 1" CONDUITS TO ROOF DECK STUB ONE TO SALES FLOOR

(2) 1" CONDUITS UNDERFLOOR TO COUNTER FOR VOLUME CONTROL

(1) 1" CONDUIT UNDERFLOOR FOR FLAG SWITCH TO COUNTER

CEILING MOUNTED

MD

(1) 1" CONDUIT WITH BOX @ +18" TO ABOVE CEILING

EXTEND CONDUIT DOWN EXTERIOR WALL TO BELOW COMM. ROOM CEILING

(1) 1" CONDUIT WITH BOX @ +18" TO ABOVE CEILING

(1) 2" CONDUIT FROM RX RACK RAN TO BOTTOM CHORD OF JOIST TO SALES

(3) 2" CONDUITS DOWN FACE OF WALL @ 24" ABOVE CEILING

2" CONDUIT FROM STUBBED RACKS TO FRONT COMMUNICATIONS CLOSET

SEE 2/T1.1

SEE 1/T1.2

SEE 1/T1.1

1 COMMUNICATIONS PLAN
SCALE: 3/32" = 1'-0"

COMMUNICATIONS & SECURITY

LOCATION: LEES SUMMIT #2, MO

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee® EMPLOYEE OWNED

NORTH

COMMUNICATIONS PLAN

DRAWN:	DATE:
BP	OCT 2020
SCALE:	JOB NUMBER:
3/32" = 1'0"	

SHEET: T1.0

ELECTRONIC VIDEO BOARD SCHEDULE			
LOCATION	QUANITY AND SIZE	HEIGHT	MOUNTING
DSW	(1) 49" MONITOR	VARIES	WALL
DSW	(1) 49" MONITOR	VARIES	WALL
DSW	(1) 49" MONITOR	VARIES	WALL
DSW	(1) 49" MONITOR	VARIES	WALL
DSW	(1) 49" MONITOR	VARIES	WALL
DSW	(1) 49" MONITOR	VARIES	WALL
DSW	(1) 49" MONITOR	VARIES	WALL
DSW	(1) 49" MONITOR	VARIES	WALL
DSW	(1) 49" MONITOR	VARIES	WALL
DSW	(1) 49" MONITOR	VARIES	WALL
DSW	(1) 49" MONITOR	VARIES	WALL

ELECTRONIC VIDEO BOARD SCHEDULE			
LOCATION	QUANITY AND SIZE	HEIGHT	MOUNTING
SUSHI	(2) 49" MONITORS	B/O MONITOR +6'-8"	POLE
MARKET GRILLE EXPRESS	(3) 49" MONITORS	B/O MONITOR +6'-8"	POLE
HICKORY HOUSE	(4) 49" MONITORS	B/O MONITOR +6'-8"	POLE
HIBACHI	(2) 49" MONITORS	B/O MONITOR +6'-8"	POLE
ASIAN	(2) 49" MONITORS	B/O MONITOR +6'-8"	POLE
MIA PIZZA	(2) 49" MONITORS	B/O MONITOR +6'-8"	POLE
MGE	(2) 55" MONITORS	B/O MONITOR +6'-8"	WALL - BOX +8'-8"
BAKERY BREAD	(2) 55" MONITORS	B/O MONITOR +6'-8"	WALL - BOX +8'-8"
MEAT	(2) 82" MONITOR	B/O MONITOR +7'-8"	WALL - BOX +8'-8"
SEAFOOD	(1) 65" MONITOR	B/O MONITOR +6'-8"	WALL - BOX +9'-0"
DELI	(1) 49" MONITOR	B/O MONITOR +7'-3"	WALL - BOX +9'-3"
GREETING CARDS	(1) 55" MONITOR	VARIES	WALL
BEAUTY	(1) 50" MONITOR	VARIES	WALL
CUSTOMER SERVICE	(2) 65" MONITOR	B/O MONITOR +4'-7"	WALL - BOX +6'-4"
APPAREL	(1) 42" MONITOR	B/O MONITOR +6'-2"	WALL - BOX +9'-2"

TELEVISION SCHEDULE			
LOCATION	SIZE	HEIGHT	MOUNTING
TV1	55" MONITOR	B/O MONITOR +7'-3"	WALL MOUNT - BOX +9'-3"
TV2	55" MONITOR	B/O MONITOR +7'-3"	WALL MOUNT - BOX +9'-3"
TV3	55" MONITOR	B/O MONITOR +7'-3"	WALL MOUNT - BOX +9'-3"
TV4	55" MONITOR	B/O MONITOR +7'-3"	WALL MOUNT - BOX +9'-3"
TV5	NOT USED		
TV6	NOT USED		
TV7	NOT USED		
TV8	55" MONITOR	B/O MONITOR +4'-0"	WALL MOUNT - BOX +6'-0"
TV9	32" MONITOR	B/O MONITOR +4'-0"	WALL MOUNT - BOX +5'-1"

AUDIO-VIDEO PLAN SYMBOLS:

- (D) DINING AND GRILLE
  TV - (1) COAX CABLE
  (1) CAT 6
- (M) MOTHERS ROOM AND BREAK ROOM
  TV - (1) COAX
- (T) TRAINING ROOM
  TV - (1) COAX CABLE
  (2) CAT 6
  (1) 18/2 SHIELD
- (V) MENU BOARD
  VIDEO MONITOR - (2) CAT 6
- RTI AV TOUCH PANEL - (1) CAT 6
  MOUNT AT +56" TO CENTER

REVISION	DATE BY
1 ASI #4 - UPDATE BAR TV'S AND SCHEDULE	2/5/21 bdp
2 ASI #7 - RELOCATE AOL ROOM, UPDATE CUSTOMER SERVICE AREA, REMOVE SEASONS KIOSK, UPDATE DECORATOR STATION	4/21/21 bdp
7 ASI #8 - RELOCATE DSW, BEAUTY, JOE FRESH, UPDATE MONITORS IN MEAT, DELI	9/19/21 bdp

1 AUDIO/VIDEO PLAN
SCALE: 3/32" = 1'-0"

LOCATION:
LEES SUMMIT #2, MO

HY-VEE, INC.
5820 WESTOWN PARKWAY
WEST DES MOINES, IOWA 50266
TELEPHONE: (515) 267-2800
FAX: (515) 267-2935

Hy-Vee® EMPLOYEE OWNED

NORTH

AUDIO/VIDEO PLAN

DRAWN:	DATE:
BP	OCT 2020
SCALE: 3/32" = 1'0"	JOB NUMBER:

SHEET:

T3.0