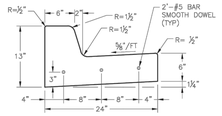


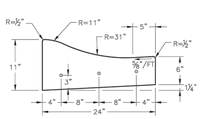
STRAIGHT CURB
(TYPE C-1)

DOWELLED CURB
(TYPE DC)

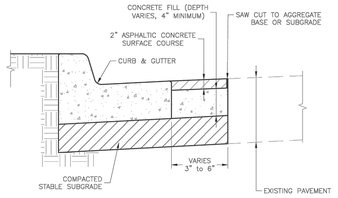
CURB & GUTTER DETAIL AT RAMP
(ADA SLOPE REQUIREMENTS)



STRAIGHT BACK CURB & GUTTER
(TYPE CG-1)



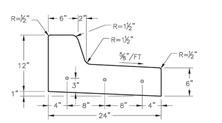
ROLL BACK CURB & GUTTER
(TYPE CG-2)



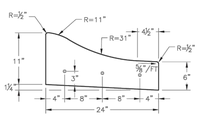
CURB REPLACEMENT DETAIL

GENERAL NOTES

1. ¾" ISOLATION JOINTS WITH 3 (2'-#5 BAR) SMOOTH DOWELS SHALL BE PLACED AT RADIUS POINTS AND AT 150' INTERVALS. THESE DOWEL BARS SHALL BE GREASED AND WRAPPED ON ONE END WITH EXPANSION TUBES.
2. 3" DEEP CONTRACTION JOINTS SHALL BE INSTALLED AT APPROXIMATELY 10' INTERVALS. THESE JOINTS SHALL PASS ACROSS THE ENTIRE CURB SECTION.
3. CONCRETE FILL SHALL HAVE UNIFORM AND SMOOTH FINISH
4. KCMMB 4K CONCRETE SHALL BE USED FOR ALL CURB.
5. ASPHALTIC CONCRETE SURFACE COURSE SHALL CONFORM TO STANDARD SPECIFICATIONS SECTION 2205.2.
6. CURBS FOR NEW STREETS SHALL BE BUILT ON ASPHALT OR AGGREGATE BASE AS SHOWN IN TYPICAL SECTION DETAIL.
7. WHITE CURING COMPOUND MUST BE APPLIED UNIFORMLY TO THE CONCRETE SURFACE IMMEDIATELY AFTER FINAL FINISHING.
8. ALL DOWELS & TIE BARS SHALL BE EPOXY COATED.



STRAIGHT BACK DRY CURB & GUTTER
(TYPE CG-1 DRY)



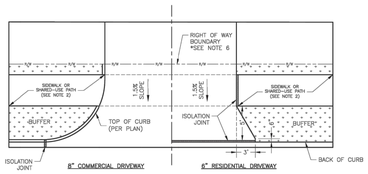
ROLL BACK DRY CURB & GUTTER
(TYPE CG-2 DRY)

LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

Project: STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO
Sheet Name: CURB & GUTTER DETAIL

Drawn By: MJP
Checked By: ES
Date: 05/2021
Proj. #:

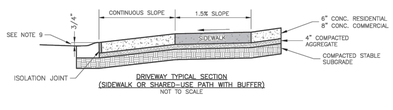
GEN-4



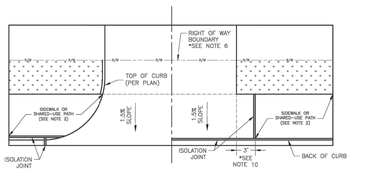
DRIVEWAY WITH BUFFER
NOT TO SCALE



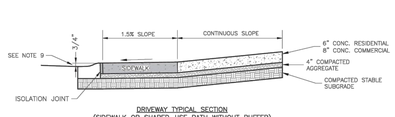
DRIVEWAY TYPICAL SECTION
(NO SIDEWALK OR SHARED-USE PATH)
NOT TO SCALE



DRIVEWAY TYPICAL SECTION
(SIDEWALK OR SHARED-USE PATH WITH BUFFER)
NOT TO SCALE



DRIVEWAY WITHOUT BUFFER
NOT TO SCALE



DRIVEWAY TYPICAL SECTION
(SIDEWALK OR SHARED-USE PATH WITHOUT BUFFER)
NOT TO SCALE

GENERAL NOTES

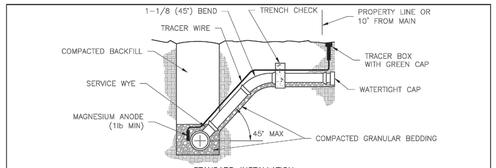
1. SUBGRADE SHALL BE STABLE, COMPACTED EARTH AND SHALL BE OVERLAYED WITH 4" COMPACTED DENSE GRADED AGGREGATE BASE.
2. ALL DRIVE APPROACHES SHALL MEET CURRENT PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINES (PROWAG) FOR SLOPE REQUIREMENTS WHEN SIDEWALK IS REQUIRED (SEE ADA RAMP RETROFIT DETAIL GEN-39). SIDEWALK/SHARED USE PATH RAMP AT DRIVEWAY DETAILS).
3. JOINT AT BACK OF CURB LINE SHALL BE AN ISOLATION JOINT FOR RESIDENTIAL DRIVEWAYS.
4. KCMMB 4K CONCRETE MIX IS REQUIRED FOR ALL CURBS.
5. COMMERCIAL DRIVEWAYS, IN THE PUBLIC RIGHT OF WAY, SHALL BE KCMMB 4K CONCRETE MIX.
6. RESIDENTIAL DRIVEWAYS, IN THE PUBLIC RIGHT OF WAY, KCMMB 4K CONCRETE MIX IS RECOMMENDED. OTHER CONCRETE MIXES NEED TO BE APPROVED BY THE ENGINEER.
7. A JOINT MUST BE INSTALLED AT THE RIGHT OF WAY BOUNDARY FOR PROPERTY DELINEATION.
8. WHITE CURING COMPOUND MUST BE APPLIED UNIFORMLY TO THE CONCRETE SURFACE IMMEDIATELY AFTER FINAL FINISHING.
9. ¾" FROM TOP OF CURB TO FLOWLINE AT DRIVEWAY (TYPE CG-1 CURB ONLY). MUST MAINTAIN ORIGINAL FLOWLINE OF CURB.
10. SIDEWALK ADJOINING CURB SHALL BE 6" THICK, EXTENDING 3' FROM THE DRIVEWAY.
11. THE MAXIMUM WIDTH OF A RESIDENTIAL DRIVEWAY IS 36 FEET WITHIN THE RIGHT OF WAY.

LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

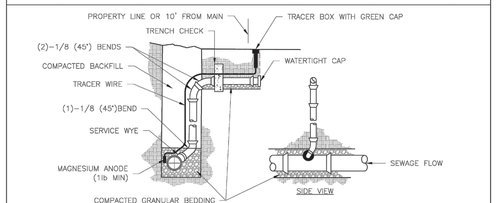
Project: STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO
Sheet Name: DRIVEWAY DETAIL

Drawn By: MJP
Checked By: ES
Date: 05/2021
Proj. #:

GEN-1



STANDARD INSTALLATION
NOT TO SCALE



VERTICAL RISER
NOT TO SCALE

NOTES:
1. ALL SEWER STUBS SHALL BE CONSTRUCTED TO PROPERTY LINE OR 10' MINIMUM FROM THE MAIN, WHICHEVER IS GREATER. WHERE SIDEWALKS ARE PRESENT, CONTRACTOR SHALL EXTEND SERVICE LINE UNDER EXISTING SIDEWALK TO TWO FEET BEYOND.
2. IMPERVIOUS TRENCH CHECKS SHALL BE PLACED ON BUILDING SEWER STUBS (AT LEAST 5' AWAY FROM THE SANITARY SEWER MAIN).
3. TRENCH CHECKS ON THE BUILDING SEWER STUBS SHALL EXTEND 6" BELOW THE BOTTOM OF THE PIPE. LENGTH SHALL BE A MINIMUM OF 12". THE HEIGHT OF THE TRENCH CHECK SHALL EXTEND 12" ABOVE THE TOP OF THE PIPE. THE WIDTH OF THE TRENCH CHECK SHALL BE THE WIDTH OF THE TRENCH.
4. SEE SPECIFICATION SECTION 2100 FOR SEWER MAIN BEDDING AND BACKFILL.
5. #12 GAUGE GREEN INSULATED COPPER TRACER WIRE SHALL BE INSTALLED. TRACER WIRE TERMINAL BOXES SHALL BE INSTALLED DIRECTLY ABOVE THE SEWER SERVICE OR AS DETERMINED BY THE ENGINEER.
6. FOR SERVICES, TRACER WIRE SHALL RUN FROM THE WYE AND TERMINATE IN A FLUSH MOUNTED TRACER BOX WITH A GREEN CAST IRON LOCKABLE TOP. WIRE SHALL BE TAPED OR TIED TO THE PIPE AT 5' INTERVALS.
7. TRACER WIRE BOX SHALL BE INSTALLED WITHIN 1.0' OF PROPERTY LINE.
8. THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE. SPLICES IN THE TRACER WIRE SHOULD BE MADE WITH 'SPLIT BOLT CONNECTORS. WIRE NUTS SHALL NOT BE USED. A WATER-PROOF CONNECTION IS NECESSARY TO PREVENT CORROSION.

LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

SANITARY SEWER STUB DETAIL

Date: 12/2015
Drawn By: MJP
Checked By: DL

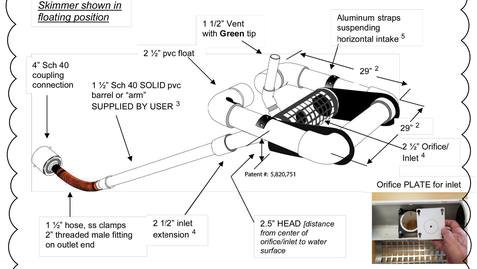
SAN-1

03

2.5" *Faircloth Skimmer®* Surface Drain Cut Sheet

J. W. Faircloth & Son, Inc.
www.FairclothSkimmer.com

Skimmer shown in floating position



1. Skimmer can be attached to a straight 4" sch 40 pipe through the dam but the pipe may need to be anchored to the bottom at the connection so it is secure. Coupling can be removed and hose attached to outlet using the threaded 2" fitting. Typical methods used: a) a metal structure with a steel stub out welded on the side at the bottom with a 2" threaded coupling or reducer(s); b) a concrete structure with a hole or orifice at the bottom - use a steel plate with a hole cut in it and coupling welded to it that will fit over the hole in the concrete and bolted to the structure with sealant; or c) grout a 4" pvc pipe in a hole in the concrete to connect the skimmer.
2. Dimensions are approximate, not intended as plans for construction.
3. Barrel (solid, not foam core pipe) should be 1.4 times the depth of water with a minimum length of 6' so the inlet can be pulled to the side for maintenance. If more than 8' long weight may have to be added to inlet to counter the increased buoyancy.
4. Orifice/inlet tapers down from 2 ½" maximum inlet to a 1½" barrel and hose. Barrel is smaller to reduce buoyancy and tendency to lift inlet but is sufficient for flow through inlet because of slope. The orifice/inlet can be reduced using the plate and cutter provided to control the outflow rate – see #6.
5. Horizontal intake is 5" pipe between the straps with aluminum screen door for access to the 2½" inlet and orifice inside.
6. **Capacity**: 6,234 cubic feet per day maximum with 2½" inlet and 2.5 head. Inlet can be reduced by installing a smaller orifice using the plate and cutter provided to adjust flow rate for the particular drawdown time required. Please use the sizing template at www.fairclothskimmer.com .
7. Ships assembled. User glues inlet extension and barrel, installs vent, cuts orifice in plate and attaches to outlet pipe or structure. Includes float, flexible hose, rope, and orifice plate and cutter. Does NOT include 1 ½" Sch 40 SOLID pvc barrel or "arm" SUPPLIED BY USER.

2-SinchCut 5-1-19

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HOEFER WELKER
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SUITE 1400
KANSAS CITY, MO 64112
P: 913.307.3700
www.hoeferwelker.com
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Overland Park, Kansas 66210
p. (913) 663-1900
BHC is a trademark of Brungardt Honomichl & Company, P.A.

LEE'S SUMMIT JOINT OPERATIONS FACILITY

PACKAGE 1: SITE AND STRUCTURE

10 NE TUDOR ROAD
LEES SUMMIT, MO 64086

REVISION DATES:

01	ADDENDUM 01	2024-09-20
02	ADDENDUM 02	2024-10-30
03	ADDENDUM 03	2024-11-18

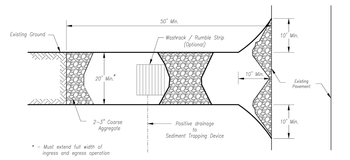
STATE OF MISSOURI
MICHAEL T. MAKRIS
2024.11.18
NUMBER PE-2021035286
PROFESSIONAL ENGINEER

MICHAEL T. MAKRIS, PE
MD PE-2021035286

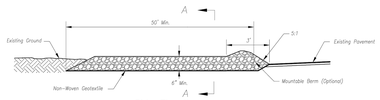
C7.5

ISSUE DATE: AUGUST 30, 2024
HOEFER WELKER #: 138161

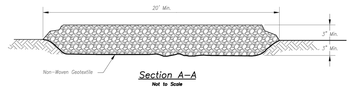
CIVIL DETAILS 6



Plan View
Not to Scale



Side Elevation
Not to Scale



Section A-A
Not to Scale

Notes for Construction Entrance:

1. Avoid locating on steep slopes, at curves on public roads, or downhill of disturbed area.
2. Remove all vegetation and other unsuitable material from the foundation area, grade, and crown for positive drainage.
3. If slope towards the public road exceeds 2%, construct a 6– to 8–inch high ridge with 3H:1V side slopes across the foundation approximately 15 feet from the edge of the public road to divert runoff from it.
4. Install pipe under the entrance if needed to maintain drainage ditches along public roads.
5. Place stone to dimensions and grade as shown on plans. Leave surface sloped for drainage.
6. Divert all surface runoff and drainage from the entrance to a sediment control device.
7. If conditions warrant, place geotextile fabric on the graded foundation to improve stability.

Maintenance for Construction Entrance:

1. Reshape entrance as needed to maintain function and integrity of installation. Top dress with clean aggregate as needed.

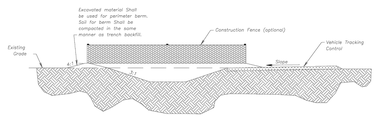
CONSTRUCTION ENTRANCE

Notes for Concrete Washout:

1. Concrete washout areas shall be installed prior to any concrete placement on site.
2. Concrete washout area shall include a flat subsurface pit sized to contain the liquid and solid waste from washing the chute. The slopes leading out of the subsurface pit shall be 2:1. 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 along the perimeter of the construction site directing truck(s) of the concrete washout area(s) to operators of concrete truck and pump rigs.
5. A one–piece impervious liner may be required along the bottom and sides of the subsurface pit in sandy or gravelly soils.

Maintenance for Concrete Washout:

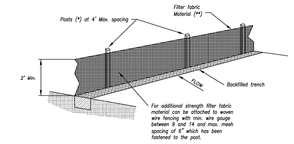
1. Concrete washout materials shall be removed once the materials have filled the washout to approximately 75% full.
2. Concrete washout areas shall be enlarged as necessary to maintain capacity for washed concrete.
3. Concrete washout water, washed pieces of concrete and all other debris in the subsurface 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 material, compacted, and any disturbed areas associated with the installation, maintenance, and/or removal of the concrete washout areas shall be stabilized.

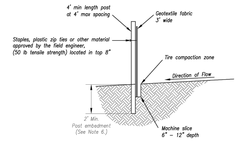


CONCRETE WASHOUT

Construction Entrance modified from 2015 Overland Park Standard Details for Erosion and Sediment Control. Concrete Washout modified from 2009 City of Great Bend Standard Drawings.

AMERICAN PUBLIC WORKS ASSOCIATION
KANSAS CITY METRO CHAPTER
CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT
STANDARD DRAWING NUMBER ESC-01
ADOPTED: 10/24/2016





(*) *POSTS*
- MIN. LENGTH 4'
- HARDWOOD 1 ¾" x 1 ¾"
- NO.2 SOUTHERN PINE 2 ¾" x 2 ¾"
- STEEL 1.33 LB/FT

(**) – Geotextile Fabric shall meet the requirements of AASHTO M288

SILT FENCE DETAILS
Not to Scale

Notes:

1. In order to contain water, the ends of the silt fence must be turned uphill (Figure A).
2. Long perimeter runs of silt fence must be limited to 100'. Runs should be broken up into several smaller segments to minimize water concentrations (Figure A).
3. Long slopes should be broken up with intermediate rows of silt fence to slow runoff velocities.
4. Attach fabric to upstream side of post.
5. Install posts a minimum of 2" into the ground.
6. Trenching will only be allowed for small or difficult installation, where slicing machine cannot be reasonably used.

Maintenance:

1. Remove and dispose of sediment deposits when the deposit approaches ½ the height of silt fence.
2. Repair as necessary to maintain function and structure.

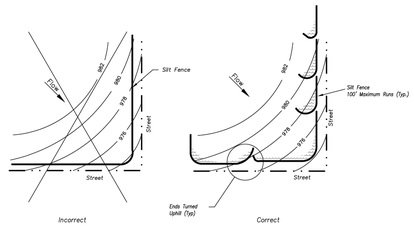
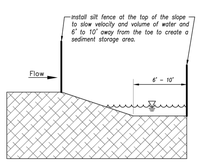
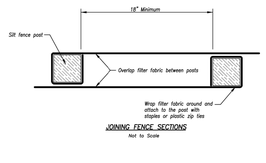


Figure A

SILT FENCE LAYOUT
Not to Scale

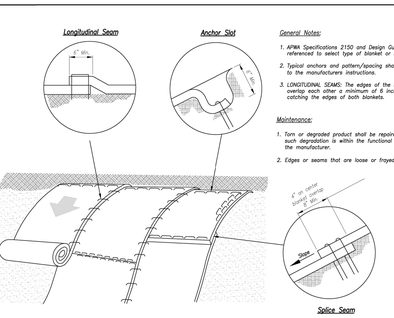




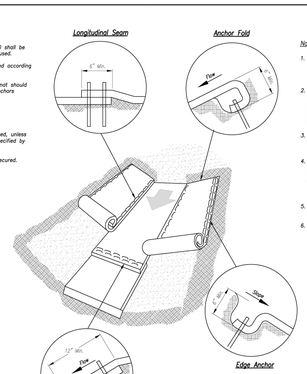
JOINING FENCE SECTIONS
Not to Scale

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.

AMERICAN PUBLIC WORKS ASSOCIATION
KANSAS CITY METRO CHAPTER
SILT FENCE
STANDARD DRAWING NUMBER ESC-03
ADOPTED: 10/24/2016

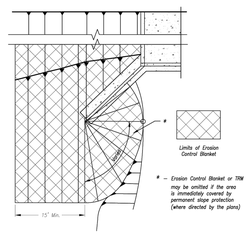


Installation on Slopes



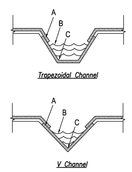
Notes for Installation on Slopes:

1. Erosion Control Blankets and TRMs shall be laid in the direction of the slope. In order for blanket to be in contact with the soil, lay blanket loosely, avoiding stretching.
2. ANCHOR SLOTS: The top of the blanket should be "slotted in" at the top of the slope and anchored in place with anchors 6 inches apart. The slots should be 6 inches wide x 6 inches deep with the blanket anchored in the bottom of the slot, then backfilled, tamped and seeded.
3. SPLICE SEAM: When splices are necessary, overlap end a minimum of 8 inches in direction of water flow. Stagger splice seams.
4. TERMINAL FOLD: The bottom edge of the blanket shall be turned under a minimum of 4 inches, then anchored in place with anchors 9 inches apart.



Partial Box Culvert Plan
Not to Scale

Installation Around Culvert Slope



Installation in Channels

Notes for Installation in Channels:

1. Erosion Control Blankets and TRMs shall be laid in the direction of the flow, with the first course at the centerline of channel, where applicable. In order for the mat to be in contact with the soil, lay the mat loosely, avoiding stretching.
2. ANCHOR FOLD: The top of the mat should be folded under, buried and secured with wood or other approved anchors placed 6 inches apart. The top edge of the mat should be buried in a slot 6 inches wide x 6 inches deep, anchored in the bottom of the slot, backfilled, and the mat folded over the top as shown in detail.
3. SPLICE SEAM: When splices are necessary, overlap end a minimum of 12 inches in direction of water flow. Stagger splice seams.
4. CHECK SLOTS: Establish check slots transverse to slope every 30 feet. The slots should be 8 inches wide x 6 inches deep. The mat shall be cut to a length 12 inches beyond the slot. The top of the downstream mat shall be slotted in, secured and buried similar to the edge anchor fold. The upstream mat shall then cover the slot and be anchored as shown.
5. EDGE ANCHORS: Lay outside edge of mat into trench at top of the slope and anchor.
6. TERMINUS: The bottom edge of the mat shall be anchored.

Critical Points:

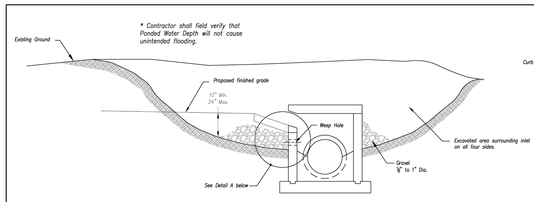
A – Overlaps and seams;

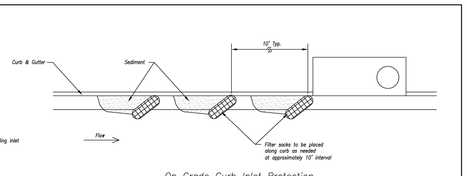
B – Projected water line;

C – Channel bottom / side slope vertices;

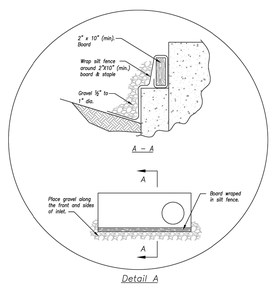
Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.

AMERICAN PUBLIC WORKS ASSOCIATION
KANSAS CITY METRO CHAPTER
EROSION CONTROL BLANKETS AND TURF REINFORMENT MATS
STANDARD DRAWING NUMBER ESC-02
ADOPTED: 10/24/2016





On Grade Curb Inlet Protection



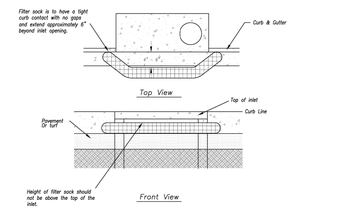
EARLY STAGE CURB INLET
(Open Box and Prior to Pouring Curb and Inlet Throat)

Notes:

1. Immediately following inlet construction and prior to construction of curb and inlet throat, protect inlet opening by installing 2" x 10" (min.) board wrapped in silt fence. Structures shall have excavated storage area on all four sides to allow settling of sediment (Early Stage Curb Inlet).
2. When inlet is completed and curb poured, filter socks or approved equal should be used (Late Stage Curb Inlet). Straw wattles are not approved for curb inlet use.
3. Contractor to field verify ponding water shall not create a traffic hazard.

Maintenance:

1. Remove deposited sediment from excavated storage areas when available storage has been reduced by 20%.
2. Remove deposited sediment from filter socks or similar when any accumulation of sediment is visible.
3. Repair or replace as necessary to maintain function and integrity of installation.



Sump Inlet Sediment Filter

LATE STAGE CURB INLET
(After Pouring Curb and Inlet Throat)

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.

AMERICAN PUBLIC WORKS ASSOCIATION
KANSAS CITY METRO CHAPTER
CURB INLET PROTECTION
STANDARD DRAWING NUMBER ESC-06
ADOPTED: 10/24/2016

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Overland Park, Kansas 66210
p. (913) 663-1900
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LEE'S SUMMIT JOINT OPERATIONS FACILITY

PACKAGE 1: SITE AND STRUCTURE

10 NE TUDOR ROAD
LEES SUMMIT, MO 64086

REVISION DATES:

01	ADDENDUM 01	2024-10-30

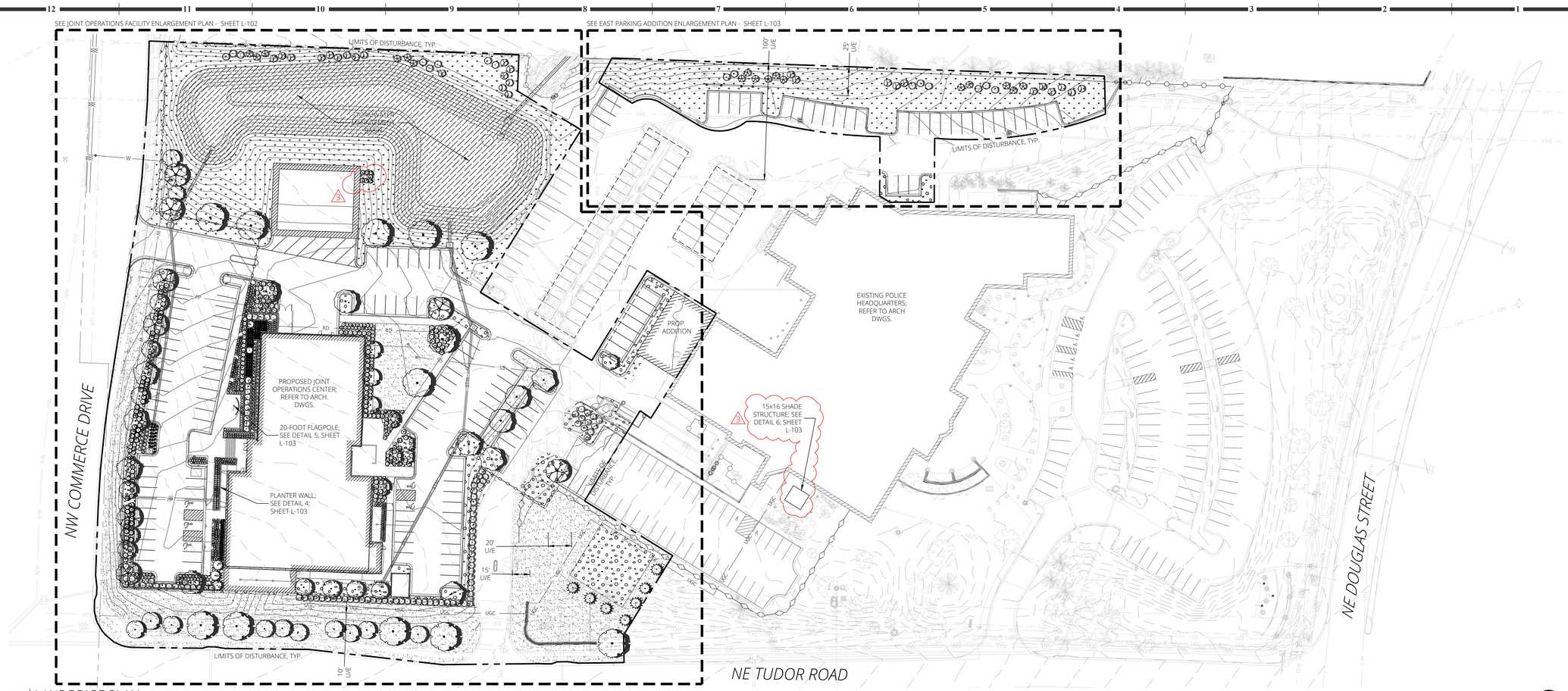
STATE OF MISSOURI
MICHAEL J. MAKRIS
NUMBER PE-2021035286
2024-10-30
PROFESSIONAL ENGINEER

PROFESSIONAL SEAL

C7.5

ISSUE DATE: AUGUST 30, 2024
HOEFER WELKER #: 138161

EROSION CONTROL DETAILS



1 LANDSCAPE PLAN
SCALE = 1" = 40'

LANDSCAPE NOTES

1. CONTRACTOR SHALL LOCATE ALL UTILITIES BEFORE COMMENCING WORK. CONTACT THE MISSOURI ONE CALL SYSTEM AT 1-800-DIG-RITE OR 811 TO FILE A LOCATE REQUEST PRIOR TO ANY EXCAVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE TO UTILITIES RESULTING FROM LANDSCAPE OPERATIONS. ANY UTILITIES SHOWN ON THIS PLAN ARE FOR REFERENCE ONLY AND MAY OR MAY NOT DEPICT THE ACTUAL LOCATION OF SERVICES.
2. QUANTITIES OF MATERIALS SHOWN ON THE LANDSCAPE PLAN TAKE PRECEDENCE OVER QUANTITIES SHOWN ON THE PLANT SCHEDULE. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES ON THE LANDSCAPE PLAN PRIOR TO BIDDING.
3. REPORT ANY DISCREPANCIES IN THE LANDSCAPE PLAN TO THE LANDSCAPE ARCHITECT, PRIOR TO PURCHASING MATERIALS OR STARTING CONSTRUCTION.
4. ALL DISTURBED AREAS NOT PAVED OR COVERED BY BUILDINGS SHALL BE BROUGHT TO FINISH GRADE AND PLANTED WITH TURF OR OTHER APPROPRIATE GROUND COVERS.
5. ALL TREE AND SHRUB PITS SHALL BE AMENDED WITH A PLANTING SOIL MIX CONSISTING OF EXISTING SOIL, TOPSOIL, AND COMPOST TO MAKE A NEW SOIL WHICH MEETS THE PROJECT GOALS FOR THE INDICATED PLANTING AREAS. THESE COMPONENTS WILL BE MIXED ON-SITE IN THE FOLLOWING RATION (BY MOIST VOLUME): EXISTING SOIL, 65-70%; TOPSOIL (UNSCREENED), 25-30%; AND COMPOST, 5%. MIX THE TOPSOIL AND COMPOST TOGETHER FIRST AND THEN ADD TO THE EXISTING SOIL. MIX WITH A LOADER BUCKET TO LOOSELY INCORPORATE THE TOPSOIL/COMPOST MIX INTO THE EXISTING SOIL. DO NOT OVER MIX. DO NOT MIX WITH A SOIL BLENDING MACHINE. DO NOT SCREEN THE SOIL. CLUMPS OF TOPSOIL, COMPOST AND EXISTING SOIL WILL BE PERMITTED IN THE OVERALL MIX.
6. ALL TREES AND SHRUBS SHALL BE WELL-FORMED AND DEVELOPED IN GOOD CONDITION, HEALTHY AND DISEASE-FREE, AND BE TYPICAL OF THE SPECIES. PLANTS SHALL COMPLY WITH ACCEPTABLE STANDARDS AS SET FORTH IN THE LATEST EDITION OF THE "AMERICAN STANDARD FOR NURSERY STOCK."
7. APPLY A 3" LAYER OF DECORATIVE GRAVEL OVER NON-WOVEN GEOTEXTILE FABRIC IN ALL PLANTING BEDS. GRAVEL SHOULD NOT COME IN CONTACT WITH PLANT TRUNKS OR STEMS.
8. ALL TURF AREAS SHALL BE SEPARATED FROM BUILDING FOUNDATION WALLS, RETAILNG WALLS, AND FENCES BY AN AGGREGATE MOW STRIP 18 INCHES IN WIDTH, 6 INCHES IN DEPTH, AND CONSISTING OF 1-3" DIAMETER DECORATIVE GRAVEL. REFER TO SHEET L-103, DETAIL #3.
9. ALL PLANTING BEDS AND AGGREGATE MOW STRIPS MUST BE SEPARATED FROM TURF AREAS WITH STEEL LANDSCAPE EDGING. INSTALL "BORDER KING STEEL LANDSCAPE EDGING" MANUFACTURED BY BORDER CONCEPTS, INC., OR APPROVED EQUAL.
10. TURF SOD SHALL BE CERTIFIED TURF GRASS SOD COMPLYING WITH TURFGRASS PRODUCERS INTERNATIONAL'S "GUIDELINE SPECIFICATIONS FOR TURFGRASS SODDING." SOD SHALL BE TURF-TYPE TALL FESCUE HARVESTED FROM A SOD FARM LOCATED WITHIN 100 MILES OF THE PROJECT SITE. SODS SHALL BE WELL ROOTED, 2-YEAR OLD STOCK HARVESTED IN ROLLS AND FERTILIZED 2-3 WEEKS PRIOR TO CUTTING. ALL SOD SHALL BE MACHINE CUT AND VIGOROUSLY GROWING (NOT DORMANT). MAXIMUM TIME FROM STRIPPING TO PLANTING SHALL BE 24 HOURS.
18. TURF SEED SHALL COMPLY WITH U.S. DEPARTMENT OF AGRICULTURE RULES AND REGULATIONS UNDER THE FEDERAL SEED ACT AND BE EQUAL IN QUALITY TO STANDARDS FOR CERTIFIED SEED. SEED SHALL BE A TURF-TYPE FESCUE BLEND CONSISTING OF 85% TURF-TYPE TALL FESCUE, 10% KENTUCKY BLUEGRASS, AND 5% ANNUAL RYEGRASS. ALL SEEDED AREAS SHALL BE MULCHED WITH STRAW OR HYDROMULCH AT TIME OF INSTALLATION UNTIL SEED HAS ESTABLISHED.
19. NATIVE WETLAND SEED MIX SHALL CONSIST OF PRE-MIXED WETLAND TOLERANT PLANT SEED OF A MINIMUM OF TWENTY (20) LOCAL NATIVE SPECIES. PROVIDE "ALL-STAR FACW WETLAND MIX" BY STAR SEED, INC., OR APPROVED EQUAL. CONTACT STAR SEED BY PHONE: (800) 782-7311, FAX: (785) 346-2479, OR THEIR WEBSITE: WWW.GOSTARSEED.COM. BROADCAST SEED MIX BY USING AN AGITATING SPREADER (SUCH AS A VICON SEEDER) MOUNTED TO A TRACTOR OR ATV PER NURSERY DIRECTIONS. SOW EVENLY ACROSS THE SITE IN TWO DIRECTIONS PERPENDICULAR TO ONE ANOTHER AT A RATE NOT LESS THAN 20 POUNDS PURE LIVE SEED (PLS) PER ACRE.SEED MIX INSTALLATION SHALL OCCUR EITHER BETWEEN THE DATES OF NOVEMBER 1 AND FEBRUARY 28 OR APRIL 1 AND JUNE 15. COORDINATE INSTALLATION OF SEED MIX WITH THE EROSION CONTROL CONTRACTOR.
20. CONTRACTOR SHALL USE AN APPROVED TREE GUYING SYSTEM. TREE GUYING TO BE FLAT WOVEN POLYPROPYLENE MATERIAL, 3/4-INCH-WIDE, WITH A TENSILE STRENGTH OF 900 LBS. HOSE AND WIRE WILL NOT BE ACCEPTED. CONTRACTOR SHALL PROVIDE ONE OF THE FOLLOWING PRODUCTS, OR APPROVED EQUAL: "ARBORTIE GREEN" MANUFACTURED BY DEEP ROOT PARTNERS, LP, OR "LEONARD TREE TIE WEBBING GREEN" MANUFACTURED BY A.M. LEONARD, INC.
21. REMOVE ALL RUBBISH, EQUIPMENT, AND MATERIAL AND LEAVE THE AREA IN A NEAT, CLEAN CONDITION EACH DAY. MAINTAIN PAVED AREAS UTILIZED FOR HAULING EQUIPMENT AND MATERIALS BY OTHER TRADES IN A CLEAN AND UNOBSTRUCTED CONDITION AT ALL TIMES. REMOVE SOIL OR DIRT THAT ACCUMULATES DUE TO PLANTING OPERATIONS EACH DAY.
22. AT THE COMPLETION OF PLANTING OPERATIONS ALL PLANTS SHALL BE INSPECTED BY THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL REPLACE IMMEDIATELY ANY PLANTS NOT IN HEALTHY AND VIGOROUS CONDITION AT THAT TIME AT NO EXPENSE TO THE OWNER. ANY PLANT NOT IN HEALTHY CONDITION AFTER ONE FULL YEAR FROM THE DATE OF FINAL ACCEPTANCE SHALL BE REPLACED AS PER THE ORIGINAL SPECIFICATIONS, FREE OF CHARGE TO THE OWNER.
23. CONTRACTOR SHALL GUARANTEE TREES, SHRUBS, PERENNIALS AND TURF FOR ONE CALENDAR YEAR FOLLOWING PROVISIONAL ACCEPTANCE OF THE OVERALL PROJECT. DURING THE GUARANTEE PERIOD, PLANTS THAT DIE DUE TO NATURAL CAUSES OR THAT ARE UNHEALTHY OR UNSIGHTLY IN CONDITION, SHALL BE REPLACED BY THE CONTRACTOR. PLANTS USED FOR THE REPLACEMENT SHALL BE OF THE SAME VARIETY AND SIZE AS ORIGINALLY SPECIFIED IN THE PLANT SCHEDULE. REPLACEMENTS SHALL BE MADE WITHIN ONE WEEK OF REQUEST PENDING FAVORABLE SEASONAL PLANTING CONDITIONS.

PLANT SCHEDULE

SYMBOL	CODE	QTY	COMMON / BOTANICAL NAME	CONT	CAL	SIZE
DECIDUOUS TREES						
	AC	8	CADDO SUGAR MAPLE / ACER SACCHARUM `CADDO`	B & B	2.5"CAL	
	GB	7	MAIDENHAIR TREE / GINKGO BILOBA	B & B	2.5"CAL	
	PB	5	BLOODGOOD LONDON PLANE TREE / PLATANUS X ACERIFOLIA 'BLOODGOOD'	B & B	2.5"CAL	
	QB	3	SWAMP WHITE OAK / QUERCUS BICOLOR	B & B	2.5"CAL	
	QS	5	SHUMARD OAK / QUERCUS SHUMARDII	B & B	2.5"CAL	
	TA	4	BOULEVARD AMERICAN LINDEN / TILIA AMERICANA 'BOULEVARD'	B & B	2.5"CAL	
EVERGREEN TREES						
	JP	10	PERFECTA JUNIPER / JUNIPERUS CHINENSIS 'PERFECTA'	B & B		5'-6' TALL
	JT	3	TAYLOR EASTERN REDCEDAR / JUNIPERUS VIRGINIANA `TAYLOR`	B & B		5'-6' TALL
ORNAMENTAL TREES						
	AG	15	AUTUMN BRILLIANCE SERVICEBERRY / AMELANCHIER X GRANDIFLORA `AUTUMN BRILLIANCE`	B & B	1.5"CAL	
	CC	11	EASTERN REDBUD / CERCIS CANADENSIS	B & B	1.5"CAL	
	MR2	5	ROYAL RAINDROPS CRABAPPLE / MALUS X 'ROYAL RAINDROPS'	B & B	1.5"CAL	
SHRUBS						
	BT	32	SUNJOY TANGELO BARBERRY / BERBERIS THUNBERGII `SUNJOY TANGELO`		#3	
	BG	103	GREEN GEM BOXWOOD / BUXUS X 'GREEN GEM'		#5	
	CL	16	FIBER OPTICS BUTTONBUSH / CEPHALANTHUS OCCIDENTALIS 'BAILOPTICS'		#5	
	IS	79	SHAMROCK INKBERRY HOLLY / ILEX GLABRA 'SHAMROCK'		#3	
	JS	110	SEA GREEN PFITZER JUNIPER / JUNIPERUS X PFITZERIANA `SEA GREEN`		#5	
	PO	21	AMBER JUBILEE NINEBARK / PHYSOCARPUS OPULIFOLIUS `JEFAM`		#5	
	RG	52	GRO-LOW FRAGRANT SUMAC / RHUS AROMATICA `GRO-LOW`		#3	
	SE	17	BLACK LACE® ELDERBERRY / SAMBUCUS NIGRA 'EVA'		#5	
	SM	126	MAGIC CARPET JAPANESE SPIREA / SPIRAEA JAPONICA 'WALBUMA'		#3	
	TD	40	DENSIFORMIS YEW / TAXUS X MEDIA `DENSIFORMIS`		#5	
	VA	18	ARROWWOOD VIBURNUM / VIBURNUM DENTATUM		#5	
	VB	9	BLACKHAW VIBURNUM / VIBURNUM PRUNIFOLIUM		#5	

SYMBOL	CODE	QTY	COMMON / BOTANICAL NAME	CONT
GRASSES & PERENNIALS				
	CK	101	KARL FOERSTER FEATHER REED GRASS / CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	#1
	CP2	20	STIFF TICKSEED / COREOPSIS PALMATA	#1
	HR	113	RUBY SPIDER DAYLILY / HEMEROCALLIS X 'RUBY SPIDER'	#1
	PP	94	RUSSIAN SAGE / PEROVSKIA ATRIPLICIFOLIA `PEEK-A-BLUE`	#1
	SP	77	PRAIRIE MUNCHKIN LITTLE BLUESTEM / SCHIZACHYRIUM SCOPARIUM `PRAIRIE MUNCHKIN`	#1
	ST	19	WILD STONECROP / SEDUM TERNATUM	#1
	SH	62	PRAIRIE DROPSEED / SPOROBOLUS HETEROLEPIS	#1
GROUND COVERS				
	DG	22,445 SF	DECORATIVE GRAVEL / 1" - 3" MISSOURI RAINBOW	ROCK
	TE	39,770 SF	TURF SEED / DROUGHT TOLERANT FESCUE BLEND	SEED
	TS	35,017 SF	TURF SOD / DROUGHT TOLERANT FESCUE BLEND	SOD
	WP	26,125 SF	NATIVE WETLAND SEED MIX / STORMWATER BMP PERENNIAL MIX	SEED

LANDSCAPE CODE SUMMARY

STREET FRONTAGE TREES (8.790.A.1)
REQUIRED: 1 TREE PER 30 FEET OF STREET FRONTAGE
NE TUDOR ROAD = 438 FEET / 30 = 15 TREES
NW COMMERCE CIRCLE = 502 FEET / 30 = 17 TREES
PROVIDED: NE TUDOR ROAD = 15 TREES
NW COMMERCE CIRCLE = 17 TREES

STREET FRONTAGE SHRUBS (8.790.A.2)
REQUIRED: 1 SHRUB PER 20 FEET OF STREET FRONTAGE
NE TUDOR ROAD = 314 FEET / 20 = 16 SHRUBS
NW COMMERCE CIRCLE = 502 FEET / 20 = 26 SHRUBS
PROVIDED: NE TUDOR ROAD = 23 SHRUBS
NW COMMERCE CIRCLE = 40 SHRUBS

OPEN YARD SHRUBS (8.790.B.1)
REQUIRED: 2 SHRUBS PER 5,000 SQUARE FEET OF TOTAL LOT AREA
221,540 SF / 5,000 * 2 = 88 SHRUBS
PROVIDED: 382 SHRUBS

OPEN YARD TREES (8.790.B.3)
REQUIRED: 1 TREE PER 5,000 SQUARE FEET OF TOTAL LOT AREA
221,540 SF / 5,000 = 44 TREES
PROVIDED: 44 TREES

PARKING LOT SCREENING (8.820.C.1)
REQUIRED: HEDGE OF 12 SHRUBS / 40 LINEAR FEET
392 LINEAR FEET / 40 * 12 = 118 SHRUBS
PROVIDED: 118 SHRUBS

MINIMUM BUFFER / SCREEN (8.890)
REQUIRED: NORTHWEST = MEDIUM IMPACT SCREEN - TYPE B
1 SHADE TREE PER 1,000 SQUARE FEET = 6 SHADE TREES
1 ORNAMENTAL TREE PER 500 SQUARE FEET = 12 ORNAMENTAL TREES
1 EVERGREEN TREE PER 300 SQUARE FEET = 20 EVERGREEN TREES
1 SHRUB PER 200 SQUARE FEET = 30 SHRUBS
PROVIDED: 30 SHRUBS

REQUIRED: NORTHEAST = LOW IMPACT SCREEN - TYPE B
1 SHADE TREE PER 1,000 SQUARE FEET = 6 SHADE TREES
1 ORNAMENTAL TREE PER 500 SQUARE FEET = 12 ORNAMENTAL TREES
1 EVERGREEN TREE PER 500 SQUARE FEET = 20 EVERGREEN TREES
1 SHRUB PER 500 SQUARE FEET = 30 SHRUBS
PROVIDED: 30 SHRUBS

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LEE'S SUMMIT JOINT OPERATIONS FACILITY

PACKAGE 2: CONSTRUCTION SET

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

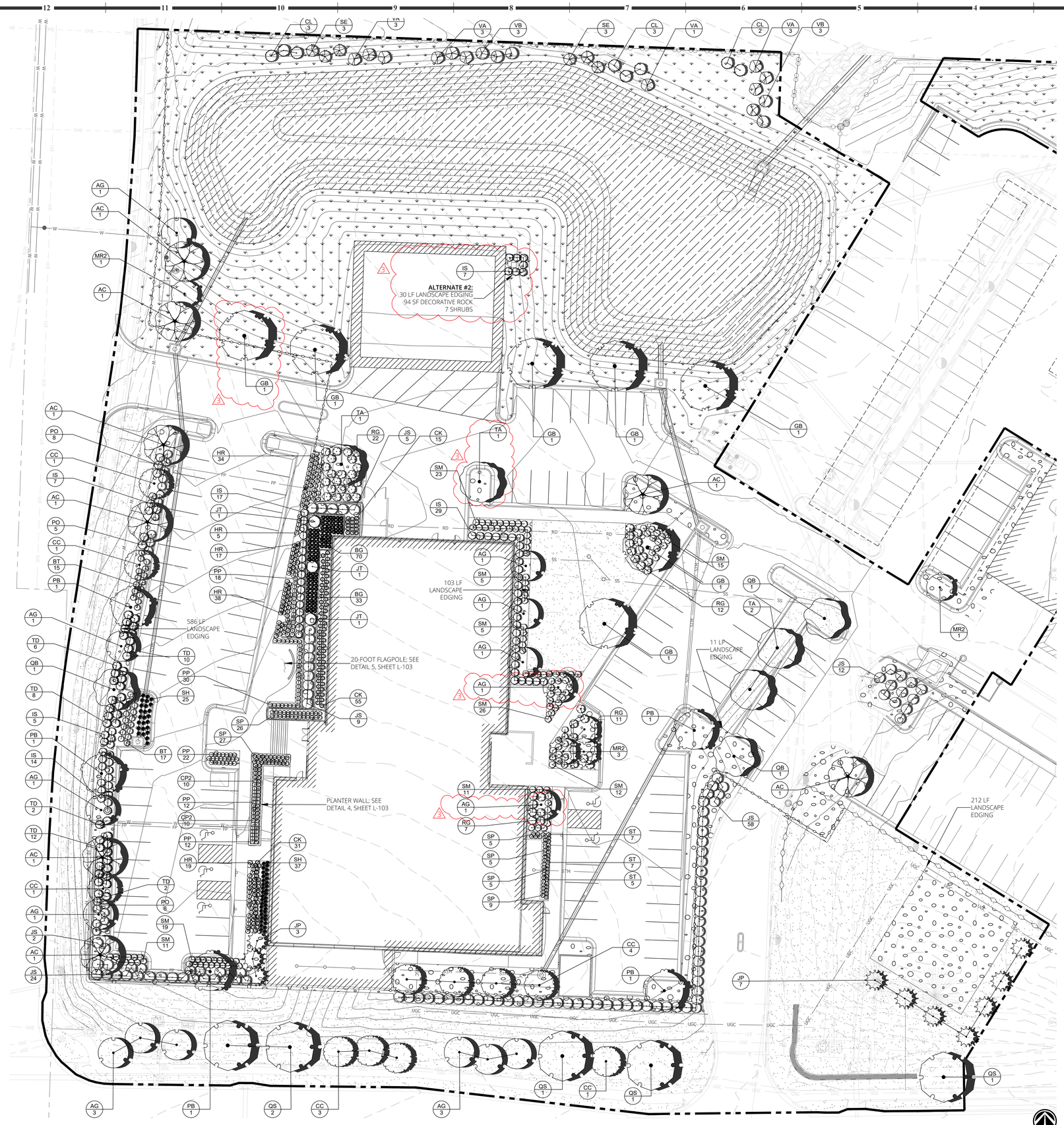
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3 ADDENDUM #3 11/18/24

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CHRIS A. VOGELER
NUMBER LA-2003022
LANDSCAPE ARCHITECT
PROFESSIONAL SEAL

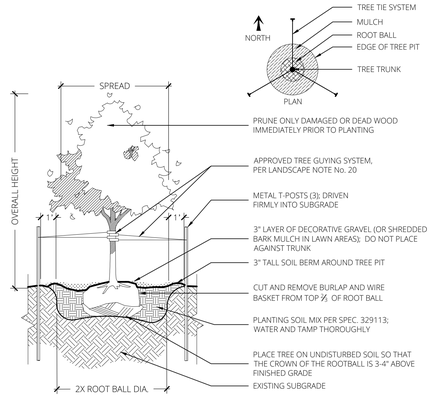
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ISSUE DATE: OCT. 11, 2024
HOEFER WELKER #: 138191

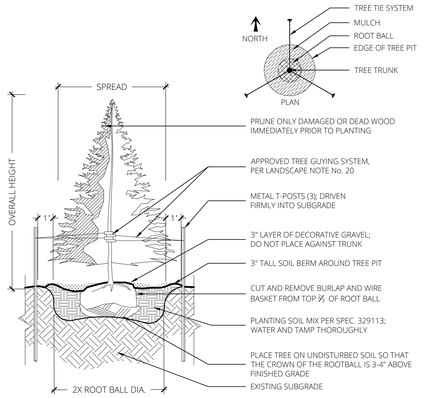
LANDSCAPE PLAN



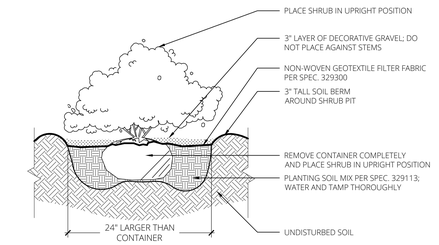
1 JOINT OPERATIONS FACILITY ENLARGEMENT PLAN
SCALE = 1" = 20'-0"



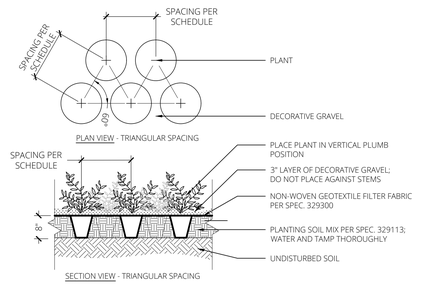
2 DECIDUOUS TREE PLANTING
SCALE = 1/4" = 1'-0"



3 EVERGREEN TREE PLANTING
SCALE = 1/4" = 1'-0"



4 SHRUB PLANTING
SCALE = 1/2" = 1'-0"



5 PERENNIAL PLANTING
SCALE = 1/2" = 1'-0"

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LEE'S SUMMIT JOINT OPERATIONS FACILITY

PACKAGE 2: CONSTRUCTION SET

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

REVISION DATES:
3 ADDENDUM #3 11/18/24

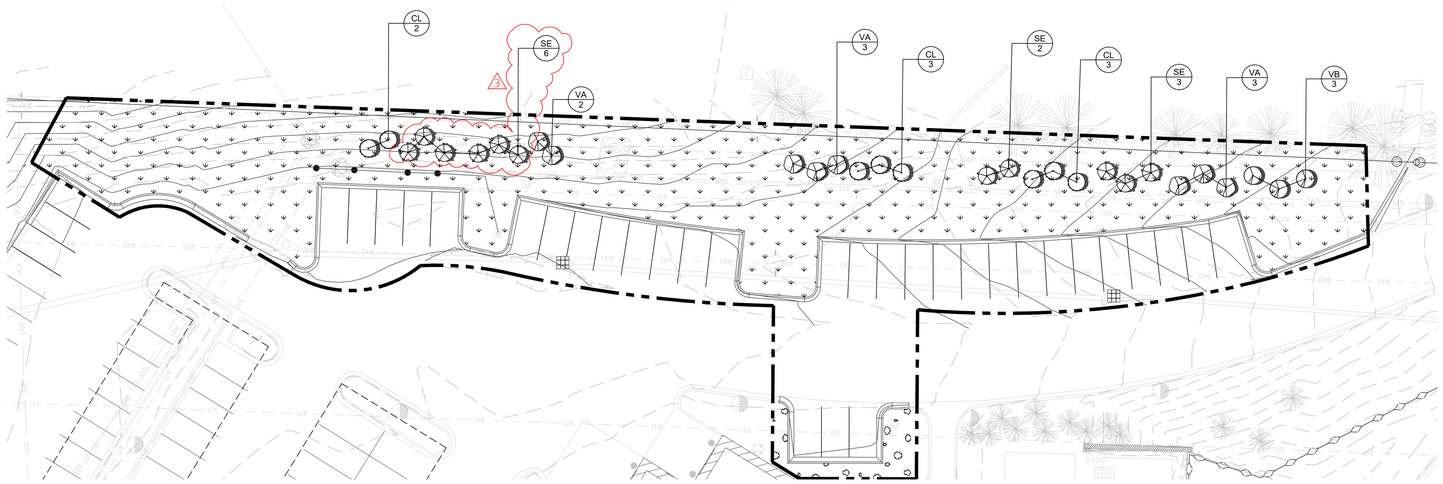
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CARRIE VEUILLEN
NUMBER LA-2010037
LANDSCAPE ARCHITECT

PROFESSIONAL SEAL

L-102

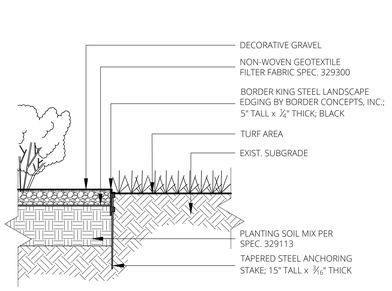
ISSUE DATE: OCT. 11, 2024
HOEFER WELKER #: 138191

JOF ENLARGEMENT PLAN



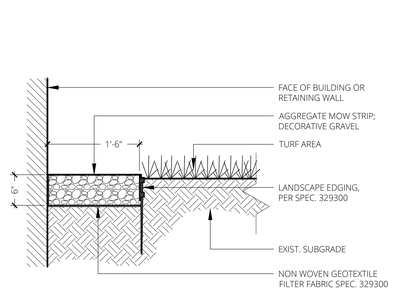
1 EAST PARKING ENLARGEMENT PLAN

SCALE = 1" = 10'-0"



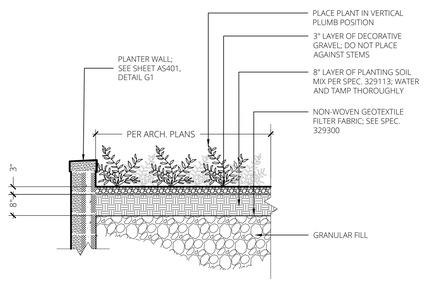
2 LANDSCAPE EDGING

SCALE = 1" = 1'-0"



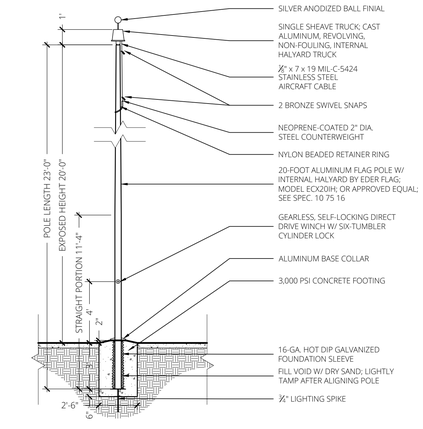
3 AGGREGATE MOW STRIP

SCALE = 1" 1'-0"



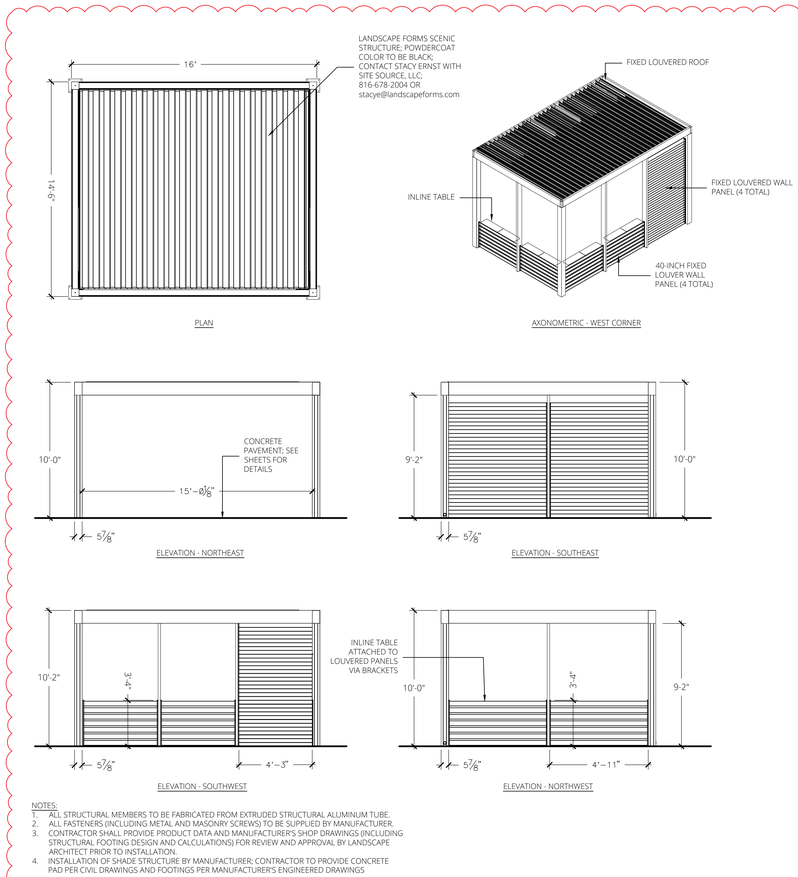
4 PLANTER WALL

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



5 20-FOOT FLAGPOLE

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



NOTES:

1. ALL STRUCTURAL MEMBERS TO BE FABRICATED FROM EXTRUDED STRUCTURAL ALUMINUM TUBE.
2. ALL FASTENERS (INCLUDING METAL AND MASONRY SCREWS) TO BE SUPPLIED BY MANUFACTURER.
3. CONTRACTOR SHALL PROVIDE PRODUCT DATA AND MANUFACTURER'S SHOP DRAWINGS (INCLUDING STRUCTURAL, FOOTING DESIGN AND CALCULATIONS) FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
4. INSTALLATION OF SHADE STRUCTURE BY MANUFACTURER; CONTRACTOR TO PROVIDE CONCRETE PAD PER CIVIL DRAWINGS AND FOOTINGS PER MANUFACTURER'S ENGINEERED DRAWINGS

6 SHADE STRUCTURE

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

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LEE'S SUMMIT JOINT OPERATIONS FACILITY

PACKAGE 2: CONSTRUCTION SET

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REVISION DATES:
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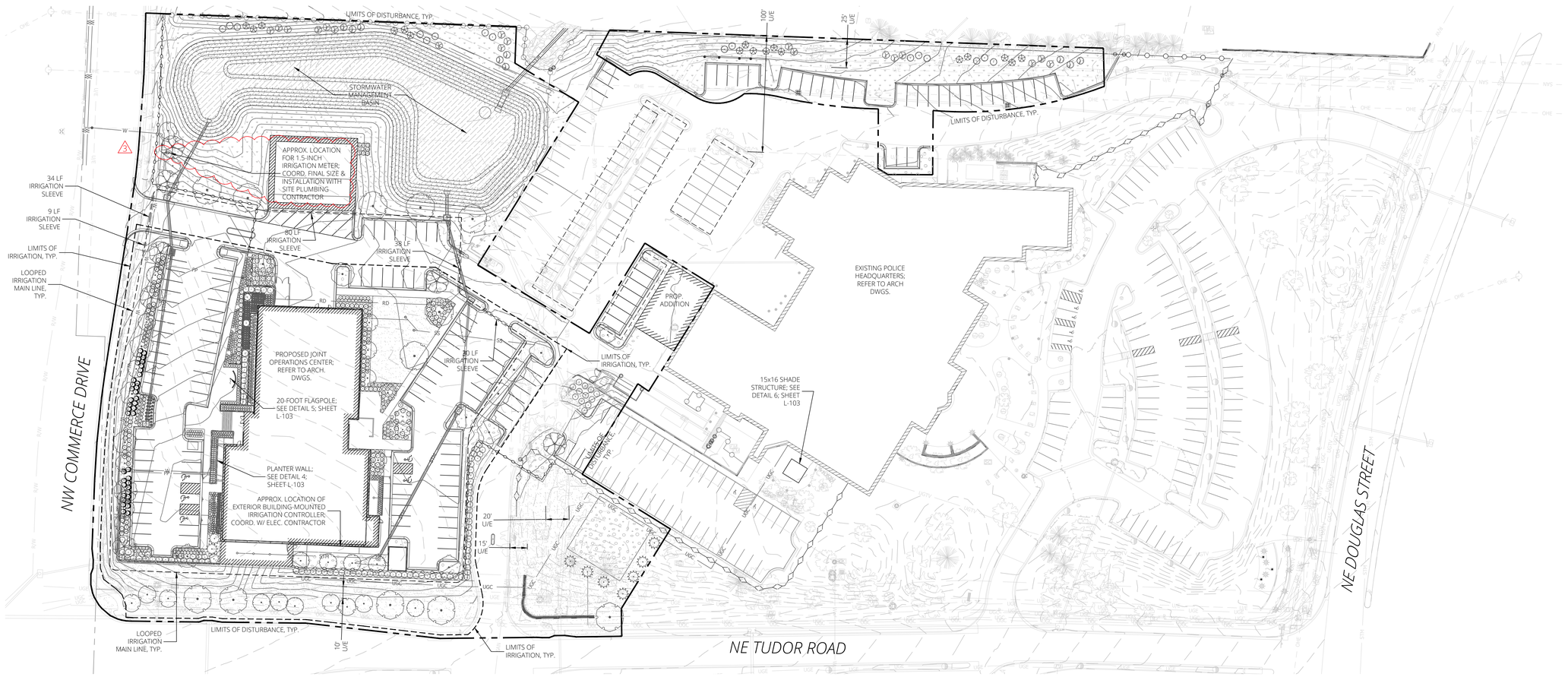
STATE OF MISSOURI
CHRISTOPHER J. MCMULLEN
NUMBER LA-1999135724
LANDSCAPE ARCHITECT

PROFESSIONAL SEAL

L-103

ISSUE DATE: OCT. 11, 2024
HOEFER WELKER #: 138191

EAST PARKING ENLARGEMENT PLAN



1 | iRRIGATION PLAN

SCALE = 1" = 40'

GRAPHIC SCALE 40'

NORTH

IRRIGATION NOTES

1. CONTRACTOR SHALL LOCATE ALL UTILITIES BEFORE COMMENCING WORK. CONTACT THE MISSOURI ONE CALL SYSTEM AT 8-1-1 TO FILE A LOCATE REQUEST PRIOR TO ANY EXCAVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE TO UTILITIES RESULTING FROM IRRIGATION OPERATIONS. ANY UTILITIES SHOWN ON PLAN ARE FOR REFERENCE ONLY AND MAY OR MAY NOT DEPICT THE ACTUAL LOCATION OF SERVICES.
2. THE IRRIGATION SCOPE INCLUDES DESIGN AND INSTALLATION OF A COMPLETELY NEW SYSTEM INCLUDING, BUT NOT LIMITED TO, A REDUCED PRESSURE BACKFLOW PREVENTER, MASTER VALVE, CONTROL VALVES, MAIN LINE, LATERAL LINES, NEW DRIP TUBING, NEW SLEEVES, AND ALL OTHER NECESSARY COMPONENTS REQUIRED TO IRRIGATE THE LANDSCAPING AND VEGETATION WITHIN THE LIMITS SHOWN ON THIS PLAN.
3. THE IRRIGATION MAIN LINE AND SLEEVE LOCATIONS SHOWN ON THIS PLAN ARE CONCEPTUAL. THE IRRIGATION SYSTEM SHALL BE BE DESIGNED AND BUILT BY A QUALIFIED IRRIGATION CONTRACTOR AND SHALL CONFORM TO THE PERFORMANCE SPECIFICATIONS INCLUDED IN SECTION 328400.
4. THE IRRIGATION CONTRACTOR SHALL FURNISH ALL MATERIALS, TOOLS, EQUIPMENT, AND LABOR TO DESIGN AND INSTALL A COMPLETE AND OPERABLE AUTOMATICALLY CONTROLLED LANDSCAPE IRRIGATION SYSTEM AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS AND AS NECESSARY TO COMPLETE THE CONTRACT.
5. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION, SEQUENCING, AND SCHEDULING ALL WORK RELATED TO THE IRRIGATION SYSTEM.
6. THE IRRIGATION CONTRACTOR SHALL PROVIDE A WRITTEN WARRANTY COVERING ALL NEW EQUIPMENT AGAINST DEFECTS IN INSTALLATION, WORKMANSHIP, AND EQUIPMENT FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE.
7. PROVIDE SLEEVES IN NEW SECTIONS OF 4-INCH PVC SCHEDULE 40 PIPE, AS NEEDED, UNDER PAVEMENT AT DEPTHS OF 18-24 INCHES TO FACILITATE INSTALLATION OF IRRIGATION MAIN LINE AND LATERALS. SLEEVES SHALL EXTEND A MINIMUM OF 18 INCHES INTO THE GREEN SPACE BEYOND THE EDGE OF PAVEMENT OR BACK OF CURB. FLAG ALL SLEEVE OPENINGS UPON INSTALLATION. WHERE SLEEVES CROSS VEHICULAR DRIVE AISLES, INSTALL AT A MINIMUM DEPTH OF 30 INCHES BELOW TOP OF PAVEMENT GRADE AND BACKFILL TRENCHES WITH FLOWABLE CONCRETE FILL.

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LEE'S SUMMIT JOINT OPERATIONS FACILITY

PACKAGE 2: CONSTRUCTION SET

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

REVISION DATES:
3 ADDENDUM #3 11/18/24

STATE OF MISSOURI
CARRIE L. VANALLEN
NUMBER LA-2010039214
LANDSCAPE ARCHITECT

PROFESSIONAL SEAL

L-104

ISSUE DATE: NOV. 1, 2024
HOEFER WELKER #: 138191

IRRIGATION PLAN

STRUCTURAL NOTES

2018 INTERNATIONAL BUILDING CODE

GENERAL NOTES:
1. DESIGN AND CONSTRUCTION SHALL CONFORM TO THE 2018 INTERNATIONAL BUILDING CODE.

2. THE DRAWINGS REPRESENT THE FINISHED STRUCTURE, NOT THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE NEW AND EXISTING STRUCTURE DURING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, BRACING, SHORING FOR CONSTRUCTION LOADS AND EQUIPMENT, ETC. THE ARCHITECT-ENGINEER IS NOT RESPONSIBLE FOR THE CONTRACTOR'S MEANS AND METHODS, SEQUENCES OF CONSTRUCTION, OR THE SAFETY PROGRAM. OBSERVATION VISITS TO THE SITE BY THE ARCHITECT-ENGINEER WILL NOT INVOLVE REVIEW OF THESE ITEMS.

3. CONTRACTOR IS TO ESTABLISH AND VERIFY OPENINGS AND INSERTS FOR ITEMS TO BE INSTALLED BY OTHER TRADES PRIOR TO SUBMITTAL OF SHOP DRAWINGS AND CONSTRUCTION.

4. CONSTRUCTION MATERIAL AND EQUIPMENT PLACED ON FRAMED CONSTRUCTIONS SHALL BE SUCH THAT THE LOAD DOES NOT EXCEED THE DESIGN LIVE LOAD OF THE CONSTRUCTION. PROVIDE SHORING OF CONSTRUCTIONS WHERE NECESSARY FOR LOADS.

5. DETAILS THAT ARE NOTED AS "TYP." ON DETAIL TITLES ARE TO BE APPLIED TO THE PROJECT CONSTRUCTION AS GENERAL CONSTRUCTION METHODS UNLESS NOTED OTHERWISE. THESE DETAILS ARE NOT CUT AT ALL LOCATIONS THEY OCCUR AND MAY NOT BE CUT AT ALL.

6. CONTRACTOR NOTE: PROVIDE 2 TONS OF MISCELLANEOUS STRUCTURAL STEEL SHAPES (LABOR FOR BOTH LABOR FOR DETAILING AND ERECTION INCLUDED FOR FIELD USE AS DIRECTED BY THE ARCHITECT/ENGINEER.

DESIGN:
ALL CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING CODES AND STANDARDS, EXCEPT WHERE NOTED TO THE CONTRARY ON DRAWINGS OR WHERE MORE STRINGENT REQUIREMENTS ARE SHOWN.

ACI 301	SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.
ACI 318	BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE
AISC 360-16	SPECIFICATIONS FOR STRUCTURAL STEEL FOR BUILDINGS
AISI-5100-16	NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS
AWS D1.1	STRUCTURAL WELDING CODE
ICC500-14	22020 ICC/NSSA STANDARD FOR THE DESIGN AND CONSTRUCTION OF STORM SHELTER

DEAD LOADS:
ROOF: 87 PSF (MAIN BUILDING)
CANOPY: 15 PSF

LIVE LOADS:
ROOF: 100 PSF
CANOPY: 20 PSF

SNOW LOADS:
SNOW LOADS IN ACCORD WITH THE 2018 INTERNATIONAL BUILDING CODE AND ASCE 7 INCLUDING DRIFTING SNOW LOADS CHAPTER 16.

Ce = 1.0
Ct = 1.0
Pg = 20 PSF
Pf = 16.8 PSF
Pf(min)=16 psf
RAIN ON SNOW LOAD=5 PSF
DESIGN BALANCE SNOW LOAD = 22 PSF

WIND LOAD:
WIND LOADS IN ACCORD WITH THE 2018 INTERNATIONAL BUILDING CODE.
ULTIMATE DESIGN WIND SPEED = 122 MPH
EXPOSURE = B

SEISMIC LOAD:
SEISMIC DESIGN IN ACCORD WITH 2018 INTERNATIONAL BUILDING CODE.
IE=1.5
SEISMIC USE GROUP IV
SITE CLASS = B
MAPPED SPECTRAL RESPONSE COEFFICIENTS: Ss = 0.16 SI = 0.082
SPECTRAL RESPONSE COEFFICIENTS: SDS = 0.082 SDI = 0.057
SEISMIC DESIGN CATEGORY A
INTERMEDIATE REINFORCED MASONRY WALLS & BRACED FRAMES.
Cs = 0.01

LATERAL LOAD RESISTANCE SYSTEM:
STEEL DECK ROOF DIAPHRAGMS TRANSFERRING LATERAL LOADS TO INTERMEDIATE REINFORCED MASONRY SHEAR WALLS & BRACED FRAME SUPPORTED BY SHALLOW CONCRETE FOUNDATIONS.

FOUNDATIONS:
1. A GEOTECHNICAL REPORT HAS BEEN COMPLETED BY GEOTECHNOLOGY, LLC DBA UES DATED MAY 21, 2024. UES PROJECT NO.: J045326.01. ALL RECOMMENDATIONS SHOULD BE FOLLOWED.

2. ALLOWABLE BEARING PRESSURE: 12000 PSF

3. FROST DEPTH = 12" ON SHALE & LIMESTONE

4. SEE GEOTECHNICAL REPORT FOR ANY ADDITIONAL OVEREXCAVATION AND SUBGRADE PREPARATION REQUIREMENTS. ALL RECOMMENDATION IN THE GEOTECHNICAL REPORT SHALL BE FOLLOWED UNO.

STRUCTURAL BACKFILL:
1. ALL BELOW-GRADE WALLS TO BE BACKFILLED WITH GRAVEL BACKFILL AS DESCRIBED IN GEOTECH REPORT.

2. PLACE BACKFILL AND COMPACT IN 8" LIFTS PER GEOTECH REPORT.

3. DESIGN EQUIVALENT FLUID PRESSURES (GRAVEL BACKFILL)
ACTIVE: 35 psf/ft
AT-REST: 56 psf/ft

CONCRETE:
1. CONCRETE MIX DESIGNS:

FOOTINGS:
MIN 28 DAY COMPRESSIVE STRENGTH = 4,000 PSI
W/C RATIO = 0.50
MAX AGGREGATE SIZE = 3/4"
SLUMP = 4" ±1"
AIR CONTENT = 6% ±1.5% (ASTM C 260)

WALLS:
MIN 28 DAY COMPRESSIVE STRENGTH = 4,000 PSI
W/C RATIO = 0.50
MAX AGGREGATE SIZE = 3/4"
SLUMP = 4" ±1"
AIR CONTENT = 6% ±1.5% (ASTM C 260)

SLAB ON GRADE:
MIN 28 DAY COMPRESSIVE STRENGTH = 4,000 PSI
W/C RATIO = 0.45
MAX AGGREGATE SIZE = 3/4"
MAX SLUMP = 4"
AIR CONTENT = 1.5% (ASTM C 260)

EXTERIOR CONCRETE:
MIN 28 DAY COMPRESSIVE STRENGTH = 4,500 PSI
W/C RATIO = 0.40
MAX AGGREGATE SIZE = 3/4"
SLUMP = 4"±1"
AIR CONTENT = 6% ± 1.5% (ASTM C 260)

2. IF CONTRACTOR DESIRES TO INCREASE SLUMP ABOVE ALLOWABLE LIMITS TO FACILITATE PLACEMENT OR PUMPING THIS SHALL BE DONE UTILIZING AN APPROPRIATE APPROVED ADMIXTURE - NO WATER SHALL BE ADDED AT THE PROJECT SITE WITHOUT THE ENGINEER'S PERMISSION. ALL ADMIXTURES SHALL BE APPROVED IN WRITING BY THE ENGINEER.

3. THE CONTRACTOR SHALL REJECT ANY CONCRETE THAT EXCEEDS THE SLUMP LIMITS NOTED ABOVE OR EXCEEDS THE TOTAL ALLOWABLE MIXING TIME.

4. FLY ASH MAY BE INCLUDED IN FOUNDATION CONCRETE.

5. NO ALUMINUM SHALL BE PLACED IN CONCRETE.

6. DURING HOT WEATHER (80 DEGREES F AND ABOVE, THE CONTRACTOR SHALL COMPLY WITH THE RECOMMENDATIONS ACI 305"HOT WEATHER CONCRETE." DURING COLD WEATHER (40 DEGREES F AND BELOW), THE CONTRACTOR SHALL COMPLY WITH THE RECOMMENDATIONS OF ACI-306 "COLD WEATHER CONCRETING."

7. THE CONCRETE MIX DESIGNS ARE TO BE SUBMITTED AS A FORMAL SUBMITTAL TO THE ENGINEER OF RECORD FOR REVIEW AND ACCEPTANCE. AFTER ACCEPTANCE OF THE MIX DESIGN BY THE ENGINEER OF RECORD, THE ACCEPTED DESIGNS MUST BE FORWARDED TO THE CITY INSPECTION DEPT. & THE SPECIAL INSPECTOR PRIOR TO CONCRETE BEING DELIVERED TO THE SITE.

CONCRETE REINFORCEMENT:
1. REINFORCING STEEL SHALL BE ASTM A615, GRADE 60.

2. CONCRETE COVER REQUIREMENTS FOR CAST-IN-PLACE, UNLESS OTHERWISE NOTED ON DETAILS:

CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3"
OTHER: #6 BARS AND LARGER: 2"
#5 BARS AND SMALLER: 1-1/2"

3. REINFORCING BAR SPLICES SHALL BE IN ACCORD WITH THE REQUIREMENTS OF ACI 318-14 AND THE REINFORCING SPLICE LENGTH TABLE SHOWN ON THE DRAWINGS.

COLD-FORMED FRAMING:
1. ALL COLD-FORMED FRAMING SHALL BE ASTM A 1003, GRADE ST 50H WITH G60 COATING.

2. PROVIDE COLD-FORMED METAL FRAMING CAPABLE OF WITHSTANDING DESIGN LOADS WITHIN LIMITS AND UNDER CONDITIONS INDICATE ON CONTRACT DOCUMENTS. 18 GA MINUMUM THICKNESS IS REQ'D. CONSULT LIGHT GAGE ENGINEER TO VERIFY SIZES UTILIZED FOR BID PURPOSES

3. DEFLECTION LIMITS:
L/240 UNLESS ITS AN APPLICATION AT MASONRY THEN L/600

4. PROVIDE SHOP DRAWINGS SHOWING LAYOUT, SPACING, SIZES, THICKNESS AND TYPES OF COLD-FORMED FRAMING INCLUDING FASTENING AND ANCHORAGE DETAILS WITH SUPPORTING CALCULATIONS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF THE PROJECT.

5. SCREWS SHALL BE HILTI INC., KWIK-PRO SELF DRILLING OR AN APPROVED EQUAL. INSTALL IN ACCORD WITH MANUFACTURER'S RECOMMENDATIONS AND ICC REPORT ESR-2196.

6. WHERE GYPSUM SHEATHING IS NOT REQUIRED ON BOTH FACES OF STEEL STUDS, CONTINUOUS BRIDGING SHALL BE INSTALLED AS REQUIRED BY MANUFACTURER.

7. ALL LIGHT GAUGE STEEL FRAMING SHALL BE INSTALLED WITH BRIDGING, BRACING, TRACK, AND STIFFENERS, ETC. AS REQUIRED TO STRICTLY CONFORM TO MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL OBTAIN A COPY OF THE MANUFACTURER'S SUGGESTED CONSTRUCTION DETAILS TO USE AS A REFERENCE DURING CONSTRUCTION.

PRECAST CONCRETE
1. THE CONTRACTOR/SUPPLIER IS RESPONSIBLE FOR THE DESIGN OF ALL THE PRECAST MEMBERS AND CONNECTION BETWEEN THEM AND OTHER STRUCTURAL MEMBERS. SUBMIT DESIGN CALCULATIONS, SEALED BY AN ENGINEER LICENSED IN THE STATE OF THE PROJECT LOCATION, FOR REVIEW BY THE ARCHITECT/ENGINEER OF RECORD.

2. ALL PRECAST MEMBERS ARE TO BE DESIGNED IN ACCORDANCE WITH ACI 318-14, 2018 IBC AND OTHER APPLICABLE CODES, STANDARDS (SEE SPECS) AND DESIGNED CONNECTIONS.

3. PROVIDE BLOCKOUTS AND OPENINGS FOR MECHANICAL/ELECTRICAL EQUIPMENT. REFER TO MECHANICAL/ELECTRICAL DOCUMENTS.

4. SHOP DRAWINGS SHALL BE COMPLETE AND SHALL INCLUDE A LAYOUT PLAN, FABRICATION DETAILS, ESTIMATED CAMBER, CONNECTION AND ANCHORAGE DETAILS AND MEMBER IDENTIFICATION MARKS. IDENTIFICATION MARKS SHALL APPEAR ON MANUFACTURED UNITS TO FACILITATE CORRECT FIELD PLACEMENT.

5. REFER TO MECHNICAL/ELECTRICAL DRAWINGS FOR CONDUIT LOCATIONS EMBEDDED IN PRECAST MEMBERS

STRUCTURAL STEEL:
1. FABRICATOR SHALL BE AISC CERTIFIED IN LIEU OF THE PREVIOUS,FABRICATOR SHALL INCLUDE IN THEIR BID THE SERVICES OF A SPECIAL INSPECTOR TO PROVIDE INSPECTION/TESTING SERVICES FOR IN-SHOP WORK TO MEET THE REQUIREMENTS OF 2018 INTERNATIONAL BUILDING CODE SECTION 1704.

2. STRUCTURAL STEEL SHALL MEET ASTM A36 UNLESS NOTED OTHERWISE. STRUCTURAL STEEL WIDE FLANGE SHAPES SHALL MEET ASTM A992.

3. STEEL TUBES SHALL MEET ASTM A500, GRADE B.

4. STEEL PIPE SHALL MEET ASTM A53, TYPE E OR S, GRADE B.

5. BOLTS SHALL BE 3/4" DIAMETER A325-N UNLESS OTHERWISE NOTED.

6. FIELD BOLTING INSTALLATION SHALL BE INSPECTED IN ACCORD WITH THE 2018 INTERNATIONAL BUILDING CODE AND THE AISC LRFD MANUAL, SECOND EDITION. BOLTS SHALL BE INSTALLED SNUG TIGHT UNLESS NOTES OTHERWISE NOTED. ASTM A-325-SC SHALL BE FULLY TIGHTENED USING LOAD INDICATOR WASHERS.

7. ALL WELDING SHALL CONFORM TO THE PROVISIONS OF THE AMERICAN WELDING SOCIETY CODE AWS D1.1-98. ELECTRODES SHALL MATCH BASE METALS AS SPECIFIED IN 2018 INTERNATIONAL BUILDING CODE.

8. ALL FIELD WELDING SHALL BE VISUALLY INSPECTED BY THE TESTING LABORATORY.

9. HOT DIP GALVANIZE ALL STEEL MEMBERS EXPOSED TO EXTERIOR TO MEET ASTM 525 G60.

10. ALL STEEL BELOW GRADE SHALL BE ENCASED IN CONCRETE WHERE POSSIBLE; IF NOT POSSIBLE, STEEL SHALL BE THOROUGHLY COATED WITH TWO COATS OF ASPHALTIC PAINT.

STEEL JOISTS:
1. FABRICATOR SHALL BE AN "APPROVED FABRICATOR" IN ACCORD WITH THE 2018 INTERNATION BUILDING CODE BUILDING CODE SECTION 1704.2, REGISTERED AND APPROVED BY THE LOCAL BUILDING DEPARTMENT.

2. DESIGNED, FABRICATED AND ERECTED IN ACCORD WITH THE 2018 INTERNATION BUILDING CODE CHAPTER 22 AND THE STANDARD SPECIFICATIONS FOR STEEL JOIST, K-SERIES, LH-SERIES, DLH-SERIES AND JOIST GIRDERS, PUBLISHED BY THE STEEL JOIST INSTITUTE.

3. SIZE, TYPE AND SPACING OF JOIST BRIDGING TO BE IN ACCORD WITH STEEL JOIST INSTITUTE RECOMMENDATIONS. USE 'X'-BRIDGING AT DISCONTINUOUS ENDS OF BRIDGING. LOCATE BRIDGING TO AVOID MECHANICAL OPENINGS.

4. JOIST SEAT DEPTH SHALL BE 2-½" FOR 'K' SERIES AND 5" INCHES FOR 'LH' SERIES UNLESS NOTED OTHERWISE.

5. DESIGN EXTENDED ENDS FOR SAME DEAD LOADS AS JOIST AND A SNOW LOAD OF 40 PSF, AND OTHER LOADS AS INDICATED. LIMIT LIVE LOAD DEFLECTION TO L/240.

6. ADDITIONAL LOADS HAVE BEEN NOTED ON FRAMING PLANS. JOISTS SHALL BE DESIGNED TO SUPPORT THE ADDITIONAL LOADS. IT IS THE JOISTS SUPPLIERS RESPONSIBILITY TO DESIGN JOIST FOR ANY LOAD IN ADDITION TO THE DEAD AND LIVE LOADS LISTED ON THIS SHEET.

METAL DECK:
1. METAL ROOF DECK SHALL BE DEPTH X GAUGE SHOWN ON DRAWINGS(22 GA. MIN.), WITH NESTABLE SIDE LAPS AND PAINTED.

2. COMPOSITE FLOOR DECK SHALL BE DEPTH X GAUGE SHOWN ON DRAWING (22 GA MIN.), WITH NESTABLE SIDE LAPS AND GALVANIZED.

3. FASTEN ROOF DECK IN ACCORD WITH METAL DECK ATTACHMENT TYPES NOTED ON THE PLANS AND FASTENING DETAILS. DECK ATTACHMENT SHALL BE IN ACCORD WITH VULCRAFT AND THE STEEL DECK INSTITUTE'S SECOND EDITION OF THE DIAPHRAGM DESIGN MANUAL OR APPROVED EQUAL.

4. METAL DECK ATTACHMENTS SHALL BE INSPECTED BY TESTING LABORATORY.

MASONRY:
1. THE MINIMUM 28-DAY COMPRESSIVE STRENGTH OF THE CONCRETE MASONRY UNITS SHALL BE 1900 PSI ON THE NET AREA, PROVIDING A STRUCTURAL DESIGN COMPRESSIVE STRENGTH OF 1500 PSI PER THE 2018 INTERNATIONAL BUILDING CODE, TABLE 2105.2.2.1.2.

1 2. MORTAR SHALL BE TYPE S IN ACCORD WITH THE 2018 INTERNATIONAL BUILDING CODE, TABLE NO. 2103.7(1), MORTAR PROPORTIONS FOR UNIT MASONRY, USING CEMENT LIME OR MORTAR CEMENT MIXES. (MASONRY CEMENT IS NOT ACCEPTABLE).

3. ELEVATOR WALL MASONRY GROUT SHALL BE THE GREATER OF 2500 PSI OR THE COMPRESSIVE STRENGTH OF THE MASONRY UNITS. AIR ENTRAINMENT AND OTHER ADDITIVES ARE NOT ACCEPTABLE IN GROUT MIX. GROUT SHALL HAVE A SLUMP OF 8 TO 11 INCHES.

4. MASONRY REINFORCING STEEL SHALL BE ASTM A615, GRADE 60.

5. HORIZONTAL JOINT REINFORCING SHALL BE STANDARD LADDER TYPE, GALVANIZED, AT 16-INCHES ON CENTER, UNLESS OTHERWISE NOTED ON PLAN.

6. MINIMUM BOND BEAM REINFORCING SHALL BE 2 - #4 IN 6" AND 8" BOND BEAMS AND 2 - #5 IN 12" BOND BEAMS. BOND BEAM REINFORCING SHALL BE CONTINUOUS THROUGH CONTROL JOINTS EXCEPT AS NOTED ON TYPICAL MASONRY WALL OPENING DETAIL.

7. SPLICE LENGTHS FOR MASONRY REINFORCEMENT SHALL BE IN ACCORD WITH THE REINFORCING SPLICE LENGTH TABLE OR AS SHOWN ON THE DRAWINGS.

8. PROVIDE BOND BEAMS AT TOP OF ALL WALLS, AT ROOFS, STRUCTURAL FLOORS, OVER ALL OPENINGS IN WALLS AND WHERE SHOWN ON THE DRAWINGS.

9. REINFORCING SHALL BE HELD IN PLACE PRIOR TO GROUTING WITH WIRE POSITIONERS PLACED AT INTERVALS NOT EXCEEDING 192 BAR DIAMETERS NOR 10 FEET. PROVIDE POSITIONERS AT REINFORCING SPLICES.

10. VERTICAL REINFORCING SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLANS OR DETAILS.

8" CONC BLOCK 1-#5 @ 4'-0" OC

11. PROVIDE 1 #5 VERTICAL REINFORCING AT JAMB OPENINGS, ENDS AND CORNERS OF ALL WALLS AND EACH SIDE OF CONTROL JOINTS. SPECIAL JAMB REINFORCING, WHERE REQUIRED, IS CALLED OUT ON THE PLANS.

12. ELECTRICAL PANELS, CONDUITS, PIPES, FIRE EXTINGUISHER CABINETS, ETC., ARE TO BE LOCATED SO AS NOT TO INTERFERE WITH REINFORCED AND/OR GROUTED CELLS. PIPES AND CONDUITS PASSING HORIZONTALLY THROUGH WALLS SHALL BE SLEEVED. MINIMUM SPACING OF SLEEVES SHALL BE THREE DIAMETERS.

13. GROUT SHALL BE MECHANICALLY CONSOLIDATED IN A MANNER TO FILL THE GROUT SPACE AND RECONSOLIDATED IN ACCORD WITH THE 2018 INTERNATIONAL BUILDING CODE.

14. PROVIDE GROUT AND MASONRY UNIT TESTING PRIOR TO AND DURING CONSTRUCTION IN ACCORD WITH THE 2018 INTERNATIONAL BUILDING CODE.

15. REINFORCEMENT PLACEMENT, GROUT SPACES AND GROUTING OPERATION SHALL BE INSPECTED BY TESTING LABORATORY IN ACCORD WITH THE 2018 INTERNATIONAL BUILDING CODE REQUIREMENTS. MORTAR FIN PROJECTION INTO THE GROUT SPACE SHALL NOT EXCEED 1/2 INCH.

POST-INSTALLED ANCHORS:
1. EXPANSION BOLTS INSTALLED IN CONCRETE OR MASONRY SHALL BE HILTI KWIK BOLT TZ ANCHORS OR APPROVED EQUAL WITH EMBEDMENT NOTED ON THE DRAWINGS OR EMBEDMENT AS RECOMMENDED BY MANUFACTURER WHERE NO EMBEDMENT IS SHOWN. INSTALL IN ACCORD WITH MANUFACTURER'S RECOMMENDATIONS AND ICC-ES REPORTS ESR-4266.

2. SCREW ANCHORS SHALL BE KWIK HUS-EZ-SS316 CONCRETE ANCHORS BY HILTI, INC. OR APPROVED EQUAL. INSTALL IN ACCORD WITH MANUFACTURER'S RECOMMENDATIONS AND ICC-ES REPORT ESR-3027

3. ADHESIVE ANCHORS SHALL BE HILTI:
-HIT-HY 200 SAFE SET SYSTEM WITH THE HILTI HIT-Z ROD OR HAS THREADED ROD, PER ICC ESR 3187
-HIT-HY SAFE SET SYSTEM WITH HILTI HOLLOW DRILL BIT (TE-CD OR TE-YD) WITH HAS -E THREADED ROD PER ICC-3187
-HIT-RE 500 V3 EPOXY ADHESIVE ANCHORING SYSTEM WITH THREADED ROD PER ESR-3814

4. ANCHORS ARE NOT TO BE INSTALLED UNTIL CONCRETE OR GROUT HAS REACHED ITS DESIGN STRENGTH.

FIRE RATINGS:
1. FOR FIRE-RATING REQUIREMENTS AND METHODS, SEE ARCHITECTURAL DRAWINGS.

SPECIAL STRUCTURAL INSPECTIONS:
1. IN ACCORD WITH THE 2018 INTERNATIONAL BUILDING CODE, SECTION 1704, AS NOTED BELOW. TESTING AND INSPECTION SHALL BE BY AN INDEPENDENT TESTING/INSPECTION FIRM, UNDER THE SUPERVISION OF A LICENSED ENGINEER EMPLOYED BY THAT FIRM. THE BASIS FOR WELDING INSPECTOR QUALIFICATION SHALL BE AWS D1.1.

2. SPECIAL INSPECTION IS TO BE PROVIDED IN ADDITION TO THE INSPECTIONS CONDUCTED BY THE LOCAL DEPARTMENT OF BUILDING SAFETY AND SHALL NOT BE CONSTRUED TO RELIEVE THE OWNER OR HIS AUTHORIZED AGENT FROM REQUESTING THE PERIODIC AND CALLED INSPECTIONS REQUIRED BY THE 2018 INTERNATIONAL BUILDING CODE.

3. THE INSPECTOR SHALL OBSERVE THE WORK ASSIGNED TO BE CERTAIN IT CONFORMS WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS.

4. THE INSPECTOR SHALL FURNISH DAILY INSPECTION REPORTS ON THE WORK TO THE BUILDING OFFICIAL AND TO THE ENGINEER OF RECORD FOR CONFORMANCE TO THE CONTRACT DOCUMENTS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, AND, IF UNCORRECTED, TO THE ENGINEER OF RECORD AND THE BUILDING OFFICIAL.

5. THE TESTING/INSPECTION FIRM'S ENGINEER SHALL COMPLETE, SIGN AND SEAL A FINAL REPORT CERTIFYING THAT TO THE BEST OF HIS KNOWLEDGE, THE WORK IS IN CONFORMANCE WITH THE CONTRACT DOCUMENTS.

STATEMENT OF SPECIAL INSPECTION

IBC CODE REFERENCE	CONSTRUCTION TYPE	FREQUENCY CONT.	FREQUENCY PER
1705.2	STEEL CONSTRUCTION		
1. INSPECTION OF WELDING			X
2. INSPECTION OF HIGH STRENGTH BOLTING			X
1705.3	REINFORCED CONCRETE		
1. INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS AND PLACEMENT.			X
3. INSPECTION OF ANCHORS CAST IN CONCRETE			X
4. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.			X
5. VERIFYING USE OF REQUIRED MIX DESIGN			X
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS AND DETERMINE THE TEMPERATURE OF THE CONCRETE.		X	
7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.		X	
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.			X
1705.4	MASONRY CONSTRUCTION		
1. VERIFY PROPORTIONS OF SITE-PREPARED MORTAR, CONSTRUCTION OF MORTAR JOINTS, LOCATION OF REINFORCEMENT, CONNECTORS AND ANCHORAGES AS CONSTRUCTION BEGINS.			X
2. VERIFY GROUT SPACING, GRADE AND SIZE OF REINFORCEMENT AND ANCHORS, PLACEMENT OF REINFORCING AND CONNECTIONS, PROPORTIONS OF SITE PREPARED GROUT PRIOR TO GROUTING.			X
3. VERIFY THE PLACEMENT OF GROUT.			X
1705.6	SOILS		
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE ADEQUATE BEARING CAPACITY.			X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.			X
3. PERFORM CLASSIFICATION AND TESTING OF THE COMPACTED FILL MATERIALS.			X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.		X	
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.			X

DEFERRED SUBMITTALS:
1. THE FOLLOWING ITEMS ARE DEFERRED SUBMITTAL ITEMS:
- PRECAST CONCRETE DOUBLE TEE SYSTEM AND PRECAST CONCRETE WALLS
- STEEL JOISTS

2. DEFERRED SUBMITTAL ITEMS SHALL BE PREPARED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF THE PROJECT WITH CALCULATIONS, DRAWINGS, DETAILS, AND CUT SHEETS SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW. ONCE REVIEWED, CONTRACTOR SHALL FORWARD TO THE BUILDING DEPARTMENT FOR APPROVAL. FABRICATION AND/OR INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT OCCUR UNTIL APPROVAL OF THE BUILDING DEPARTMENT IS RECEIVED.

SHOP DRAWING REVIEW:
1. J&S STRUCTURAL ENGINEERS, PA WILL REVIEW SHOP DRAWINGS AND RELATED SUBMITTALS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT AND THE INFORMATION GIVEN IN THE CONSTRUCTION DOCUMENTS. REVIEW OF A SPECIFIC ITEM SHALL NOT INCLUDE REVIEW OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT.

2. THE FOLLOWING IS A LIST OF REQUIRED SHOP DRAWINGS AND RELATED SUBMITTALS. THE CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR MORE INFORMATION AND A COMPLETE LIST OF REQUIRED SUBMITTALS:
- ANCHOR BOLT LAYOUT DRAWINGS
- COLD-FORMED FRAMING SHOP DRAWINGS INCLUDING STANDARD DETAILS, BRACING AND BRIDGING REQUIREMENTS AND MATERIAL CERTIFICATIONS.
- CONCRETE BLOCK COMPRESSION TESTS AND MATERIAL CERTIFICATIONS
- CONCRETE MIX DESIGNS, TESTS AND MATERIAL CERTIFICATIONS
- CONCRETE REINFORCING SHOP DRAWINGS AND REINFORCING MATERIAL CERTIFICATIONS
- MASONRY GROUT AND AND MORTAR MIX DESIGNS
- MASONRY REINFORCING SHOP DRAWINGS
- STRUCTURAL STEEL SHOP DRAWINGS, MATERIAL CERTIFICATIONS AND WELDER CERTIFICATIONS

CONCRETE SPLICE LENGTH TABLE

BAR SIZE	FOOTING OR GRADE BEAM	PIER	WALL (VERTICAL)	WALL (HORIZONTAL)	SLAB	COLUMN	BEAM (BOTTOM)	BEAM (TOP)
#3	-	-	1'-8"	1'-8"	1'-8"	-	-	-
#4	2'-3"	-	2'-3"	2'-3"	2'-3"	-	-	-
#5	2'-9"	2'-7"	2'-9"	2'-9"	2'-9"	2'-0"	2'-7"	3'-5"
#6	3'-4"	3'-1"	3'-4"	3'-4'	3'-4"	2'-5"	3'-1"	4'-1"
#7	4'-10"	4'-6"	4'-10"	4'-10"	4'-10"	3'-6"	4'-6"	5'-11"
#8	5'-6"	5'-2"	5'-6"	-	-	4'-0"	5'-2"	6'-9"
#9	-	5'-10"	-	-	-	4'-6"	5'-10"	7'-7"
#10	-	6'-7"	-	-	-	5'-1"	6'-7"	8'-6"
#11	-	7'-3"	-	-	-	5'-7"	7'-3"	9'-6"

NOTES:
1. WHEN BARS OF DIFFERENT SIZE ARE LAP SPLICED, THE LARGER SPLICE LENGTH SHALL BE USED.
2. TOP BAR IS DEFINED AS ANY HORIZONTAL BAR THAT HAS MORE THAN 12" OF FRESH CONCRETE BELOW THE BAR.
3. TABLE SHALL ONLY BE USED WHEN:
- CONCRETE IS NORMAL WEIGHT
- REINFORCEMENT STEEL IS UNCOATED
- REINFORCEMENT STEEL MEETS ASTM A615, GRADE 60

ICC-500 SHELTER NOTES:

DEAD LOADS:
ROOF: 87 PSF (ICC SHELTER)

LIVE LOADS:
ROOF: 100 PSF

WIND LOAD
BASIC WIND SPEED = 250 MPH
Iw=1.5
EXPOSURE "C"
GCpi = +/- 0.55

SEISMIC LOAD:
SEISMIC DESIGN IN ACCORD WITH 2018 INTERNATIONAL BUILDING CODE.
IE=1.5
SEISMIC USE GROUP IV
SITE CLASS = B
MAPPED SPECTRAL RESPONSE COEFFICIENTS: Ss = 0.16 SI = 0.082
SPECTRAL RESPONSE COEFFICIENTS: SDS = 0.082 SDI = 0.057
SEISMIC DESIGN CATEGORY A
INTERMEDIATE REINFORCED PRECAST WALLS & BRACED FRAMES.
Cs = 0.01

QUALITY ASSURANCE PLAN:
1. ROOF FRAMING CONNECTIONS SHALL BE COMPLETED BY WELDED CONNECTIONS.
2. WALL CONNECTIONS SHALL BE REINFORCING DOWEL BARS CONNECTING CONCRETE FILLED METAL DECK TO PRECAST AND CONCRETE WALLS. (ACI 318)
3. BOUNDARY ELEMENTS ARE PROVIDED BY CONTINUOUS BOND BEAM AT PERIMETER OF EMERGENCY OPERATIONS CENTER.(ACI 318 & TMS 602)
4. MAIN WINDFORCE-RESISTING SYSTEM SHALL BE SUPPORTED BY PRECAST CONCRETE. (TMS 602)
5. PRECAST CONCRETE SHEARWALLS ARE CONNECTED TO FOUNDATIONS BY REINFORCING STEEL EMBEDED IN BOTH PRECAST WALL AND FOUNDATION COMPONENTS. (ACI 318 & TMS 602)
6. ALL WALL AND ROOF ASSEMBLIES MUST MEET IMPACT OR STATIC OR CYCLIC PRESSURE TEST REQUIREMENTS. (CHAPTER 3, ICC 500)
7. WALL CONSTRUCTION HAS BEEN DESIGNED FOR 250 MILES PER HOUR WIND LOADS, CLADDING IS EXEMPT FOR WIND REQUIREMENTS FOR EMERGENCY OPERATIONS CENTER.(ASCE 7-16)
8. FOUNDATIONS SHALL BE PROVIDED TO RESIST EMERGENCY PREPAREDNESS CENTER GRAVITY AND WIND LOADS. (ASCE 7-16, ICC 500)

MASONRY SPLICE LENGTH TABLE

BAR SIZE	6" BLOCK	8" BLOCK		10" BLOCK		12" BLOCK	
	BAR @ CL	BAR @ CL	BAR @ EDGE	BAR @ CL	BAR @ EDGE	BAR @ CL	BAR @ EDGE
#4	1'-9"	1'-9"	3'-0"	1'-9"	2'-0"	1'-9"	1'-9"
#5	2'-8"	2'-2"	3'-9"	2'-2"	3'-3"	2'-2"	2'-3"
#6	-	3'-7"	4'-6"	3'-4"	4'-6"	3'-4"	4'-5"
#7	-	5'-0"	-	3'-10"	5'-3"	4'-2"	5'-3"

NOTE:
WHEN REQUIRED SPLICE LENGTH EXCEEDS 4'-0" USE HIGH LIFT GROUTING OR USE MECHANICAL TENSION SPLICES WITH LOW LIFT GROUTING

EPOXY EMBEDMENT TABLE

BAR SIZE	REINFORCING STEEL: MINIMUM EMBEDMENT DEPTH f'c=3,000 psi	f'c=3,500 psi	f'c=4,000 psi	THREADED ROD ANCHORS: ANCHOR DIAMETER	MINIMUM EMBEDMENT DEPTH
#3	3 1/2"	3"	2 3/4"	3/8"	5 1/4"
#4	5"	4 3/4"	4 1/4"	1/2"	6 3/8"
#5	6 1/4"	5 3/4"	5 1/4"	5/8"	7 1/2"
#6	7 1/2"	7"	6 1/2"	3/4"	10"
#7	9"	8 1/2"	7 3/4"	7/8"	11 1/4"
#8	10 1/2"	9 3/4"	9"	1"	12 1/2"
#9	11 1/2"	10 3/4"	10"	1 1/4"	15"
#10	13 1/2"	13"	12"	1 1/4"	18"

NOTES:
1. CONTRACTOR HAS THE OPTION TO EPOXY DOWELS AS AN ALTERNATE TO HOOKED OR CAST-IN-PLACE DOWELS WHERE NOTED ON DETAILS.
2. SEE GENERAL STRUCTURAL NOTES FOR APPROVED EPOXY.

ABBREVIATIONS:

ASD	ALLOWABLE STRESS DESIGN
ARCH	ARCHITECT
BPL	BASEPLATE
BTW	BETWEEN
BOTT	BOTTOM
BOTT OF	BOTTOM OF
BOL	BOTTOM OF LINTEL
BOMD	BOTTOM OF METAL DECK
BOP	BOTTOM OF PIER
CIP	CAST IN PLACE
CL	CENTERLINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMP	COMPRESSIBLE
CONC	CONCRETE
CONT	CONTINUOUS
CJ	CONTROL JOINT
DIM	DIMENSION
EA	EACH
EF	EACH FACE
ELEV	ELEVATION
EMBED	EMBEDMENT
EOS	EDGE OF SLAB
EQ	EQUAL
EW	EACH WAY
EXP	EXPANSION
FF	FINISH FLOOR
FND	FOUNDATION
FTG	FOOTING
GALV	GALVANIZED
GB	GRADE BEAM
HS	HEADED STUD
HSS	HOLLOW STRUCTURAL SECTION
HORIZ	HORIZONTAL
IJ	ISOLATION JOINT
INFO	INFORMATION
INSUL	INSULATION
JT	JOINT
JB	JOIST BEARING
K	KIP = 1,000 POUNDS
LONG	LONGITUDINAL
LRFD	LOAD AND RESISTANCE FACTORED DESIGN
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
MAS	MASONRY
MAT'L	MATERIAL
MAX	MAXIMUM
MBM	METAL BUILDING MANUFACTURER
MIN	MINIMUM
OC	ON CENTER
PL	PLATE
LB	POUND
PSF	POUNDS PER SQUARE FOOT
REF	REFERENCE
REINF	REINFORCEMENT
REQ'D	REQUIRED
SCHED	SCHEDULE
SPA	SPACE
SQ	SQUARE
STD	STANDARD
STL	STEEL
T&B	TOP AND BOTTOM
T&G	TONGUE-AND-GROOVE
TO	TOP OF
TOBM	TOP OF BEAM
TOF	TOP OF FOOTING
TOGB	TOP OF GRADE BEAM
TOL	TOP OF LINTEL
TOM	TOP OF MASONRY
TOP	TOP OF PIER
TOS	TOP OF STEEL
TOTB	TOP OF TIE BEAM
TOW	TOP OF WALL
TRANS	TRANSVERSE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
WWR	WELDED WIRE REINFORCEMENT

SYMBOLS KEY:

GRADE BEAM TAG
GB-X GRADE BEAM TYPE

PLAN NOTE TAG
REFERENCES A PLAN NOTE ON A GIVEN PLAN SHEET

BEAM SPLICE

MASONRY LINTEL
ML-X

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LEE'S SUMMIT JOINT OPERATIONS

PACKAGE 1: SITE AND STRUCTURE

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

REVISION DATES:
1 ADDENDUM #1 9/19/24

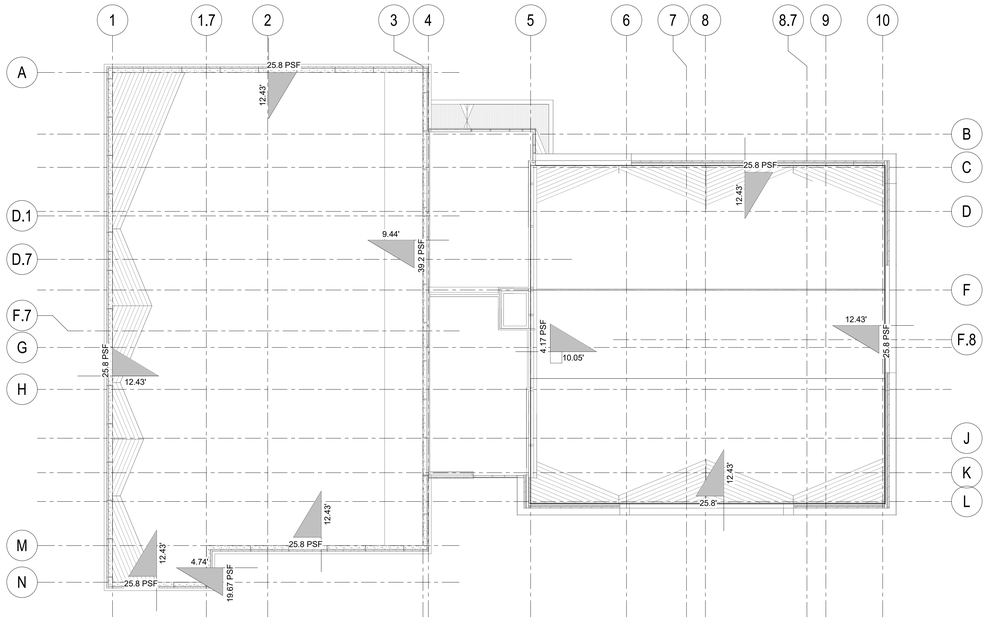
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10/30/24

PROFESSIONAL SEAL

S-000

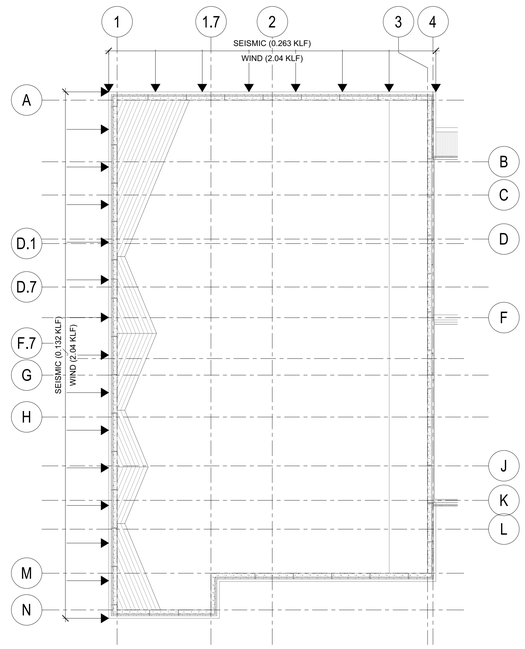
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GENERAL STRUCTURAL NOTES



SNOW LOADING PLAN

1/16" = 1'-0"



PRECAST DISTRIBUTED LOADS - UPPER LEVEL

1/16" = 1'-0"

NOTES:
ALL LOADING IS UNFACTORED AS PER ASCE 7-16, 2.3.1

COMPONENTS AND CLADDING PRESSURES: ICC 500

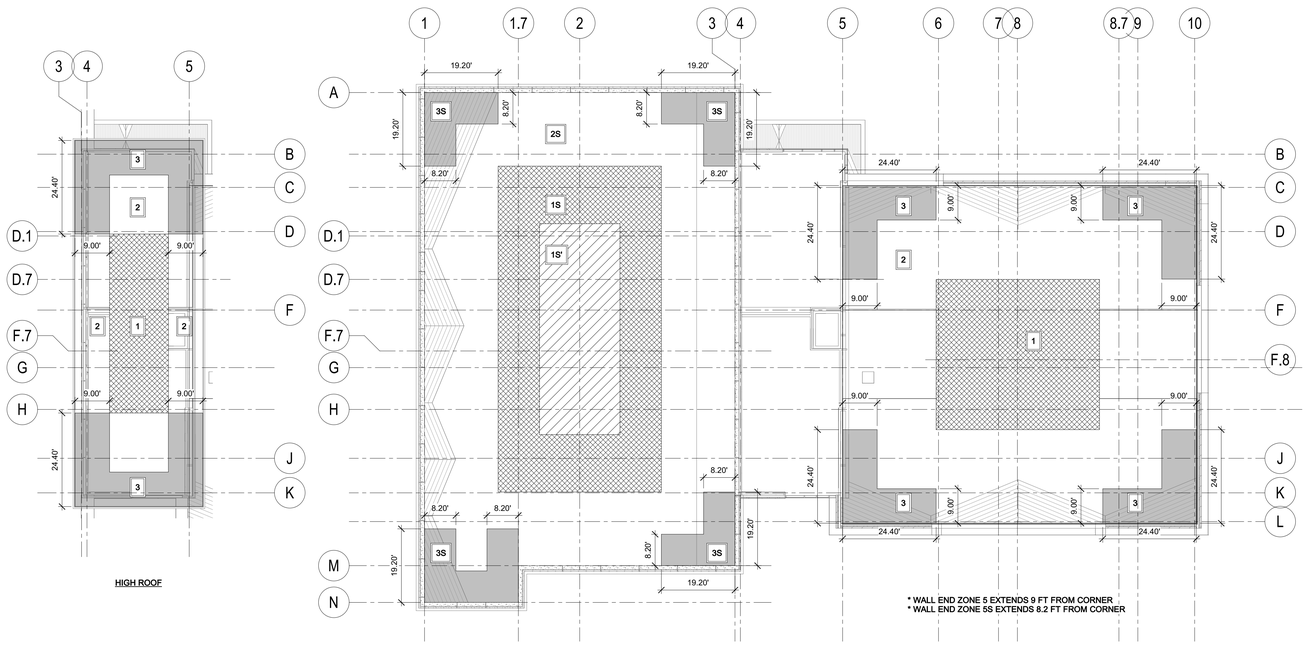
	COMPONENT	ZONE	+ PRESSURE	- PRESSURE
WALL	<=10 SF	1S	114.7	-303.6
	100 SF	1S	101.2	-248.0
	200 SF	1S	101.2	-231.2
	>500 SF	1S	101.2	-209.1
	<=10 SF	1'S	114.7	-195.6
	100 SF	1'S	101.2	-195.6
	200 SF	1'S	101.2	-148.5
	>500 SF	1'S	101.2	-128.2
	<=10 SF	2S	195.6	-384.5
	100 SF	2S	174.2	-313.0
	200 SF	2S	167.7	-291.5
	>500 SF	2S	159.2	-263.1
	<=10 SF	3S	195.6	-384.5
	100 SF	3S	174.2	-313.0
ROOF	200 SF	3S	167.7	-291.5
	>500 SF	3S	159.2	-263.1

	COMPONENT	ZONE	+ PRESSURE	- PRESSURE
WALL	<=10 SF	4S	195.6	-207.8
	50 SF	4S	180.6	-192.8
	200 SF	4S	167.7	-179.9
	>500 SF	4S	159.2	-171.3
	<=10 SF	5S	195.6	-244.2
	50 SF	5S	180.6	-214.2
	200 SF	5S	167.7	-188.4
	>500 SF	5S	159.2	-171.3
PARAPET	<=10 SF	4S	293.4	-311.7
	50 SF	4S	270.9	-289.2
	<=10 SF	5S	293.4	-366.3
	50 SF	5S	270.9	-321.3

COMPONENTS AND CLADDING PRESSURES:

	Component	Zone	+ Pressure	- Pressure
WALL	<=10 SF	1	11.5	-45.0
	100 SF	1	9.1	-35.1
	200 SF	1	9.1	-32.1
	>500 SF	1	9.1	-28.2
	<=10 SF	2	25.9	-59.3
	100 SF	2	22.0	-46.6
	200 SF	2	20.9	-42.8
	>500 SF	2	19.4	-37.8
ROOF	<=10 SF	3	25.8	-59.3
	100 SF	3	22.0	-46.6
	200 SF	3	20.9	-42.8
	>500 SF	3	19.4	-37.8

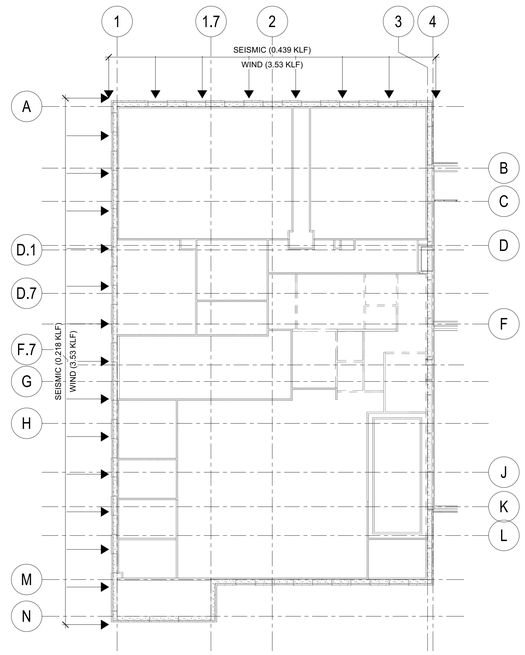
	Component	Zone	+ Pressure	- Pressure
WALL	<=10 SF	4	25.8	-28.0
	50 SF	4	23.2	-25.3
	200 SF	4	20.9	-23.0
	>500 SF	4	19.4	-21.5
	<=10 SF	5	25.8	-34.4
	50 SF	5	23.2	-29.1
	200 SF	5	20.9	-24.6
	>500 SF	5	19.4	-21.5
PARAPET	<=10 SF	4	38.7	-42.0
	50 SF	4	34.8	-38.0
	<=10 SF	5	38.7	-51.6
	50 SF	5	34.8	-43.7



* WALL END ZONE 5 EXTENDS 9 FT FROM CORNER
* WALL END ZONE 5S EXTENDS 8.2 FT FROM CORNER

WIND COMPONENTS & CLADDING LOADING PLAN

1/16" = 1'-0"



PRECAST DISTRIBUTED LOADS - FLOOR

1/16" = 1'-0"

NOTES:
ALL LOADING IS UNFACTORED AS PER ASCE 7-16, 2.3.1

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LEE'S SUMMIT JOINT OPERATIONS

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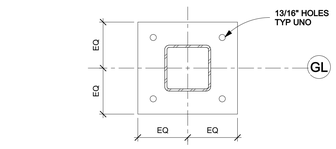
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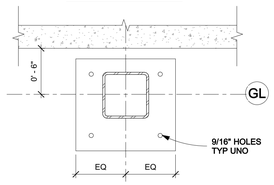
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ISSUE DATE: AUGUST 29, 2024
HOEFER WELKER #: 138161

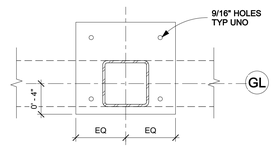
LOADING PLANS



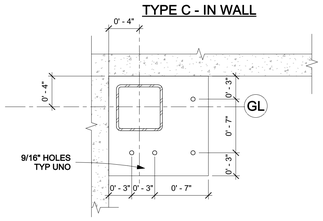
TYPE A - TYPICAL



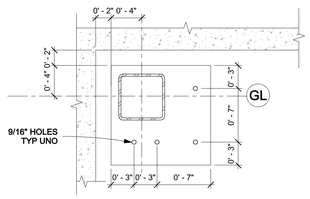
TYPE B - AT CONC WALL



TYPE C - IN WALL



TYPE D - AT CORNER

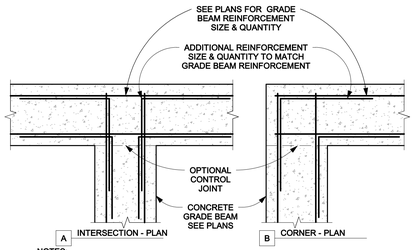


TYPE E - AT CORNER

NOTES:

1. SEE FOUNDATION PLAN FOR BASEPLATE SIZE
2. PROVIDE 9/16"Ø HOLES 2" FROM EDGE
3. TYPE A UNLESS NOTED OTHERWISE ON PLAN

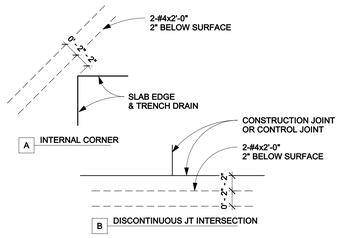
21 S-010 BASEPLATE ORIENTATION
1 1/2" = 1'-0"



NOTES:

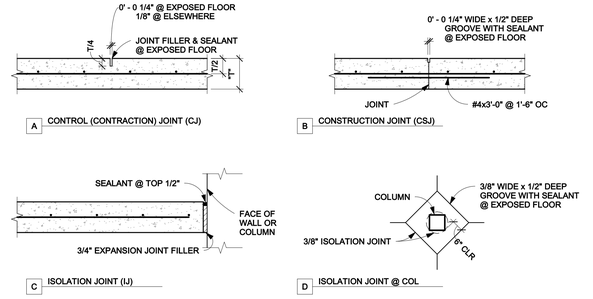
1. SEE CONCRETE SPLICE LENGTH TABLE FOR SPLICE REQUIREMENTS
2. ADDITIONAL REINFORCEMENT IS REQUIRED AT THE TOP AND BOTTOM FOR GRADE BEAM

12 S-010 TYPICAL GRADE BEAM REINFORCING DETAIL
3/4" = 1'-0"

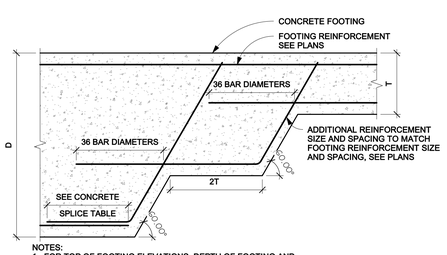


NOTE:
SEE PLANS FOR TYPICAL SLAB-ON-GRADE REINFORCEMENT

13 S-010 ADDITIONAL SLAB-ON-GRADE REINF
1 1/2" = 1'-0"



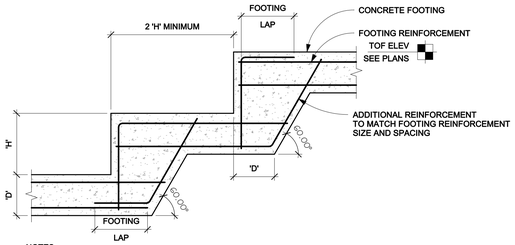
14 S-010 TYPICAL SLAB-ON-GRADE JOINTS
1 1/2" = 1'-0"



NOTES:

1. FOR TOP OF FOOTING ELEVATIONS, DEPTH OF FOOTING AND REINFORCEMENT, SEE PLANS AND TYPICAL FOOTING DETAILS.
2. PROVIDE TWO EQUAL STEPS WHEN 'D' IS GREATER THAN TWO TIMES 'T', OTHERWISE PROVIDE ONE STEP.

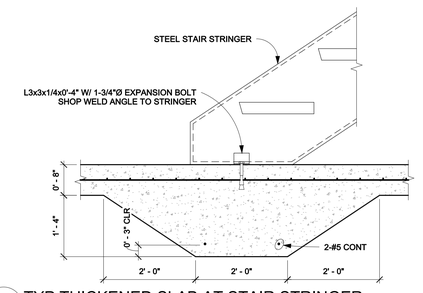
22 S-010 TYPICAL BOTTOM STEP FOOTING DETAIL
3/4" = 1'-0"



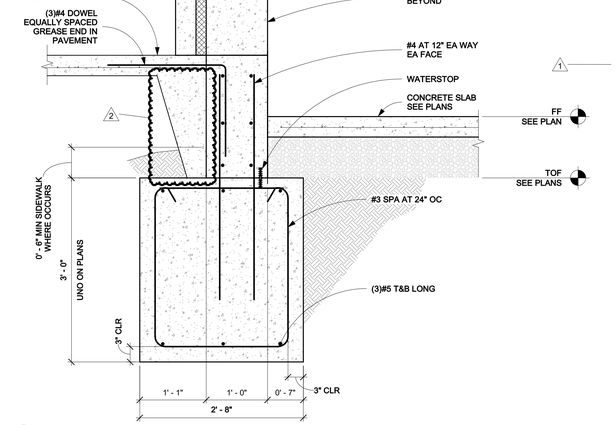
NOTES:

1. FOR FOOTING ELEVATION, DEPTH AND REINFORCEMENT SEE PLANS
2. TOP REINFORCEMENT WHERE OCCURS SEE PLANS
3. SEE CONCRETE SPLICE LAP TABLE FOR SPLICE LAPS

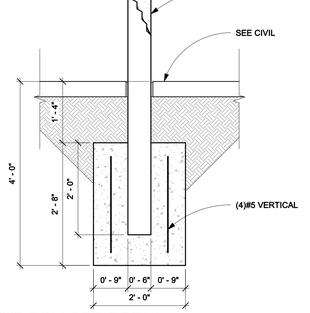
23 S-010 TYPICAL STEP FOOTING DETAIL
1" = 1'-0"



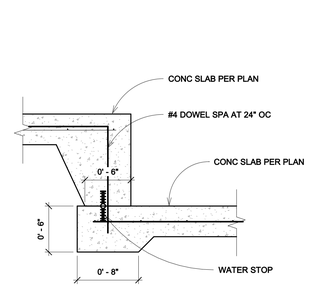
24 S-010 TYP THICKENED SLAB AT STAIR STRINGER
3/4" = 1'-0"



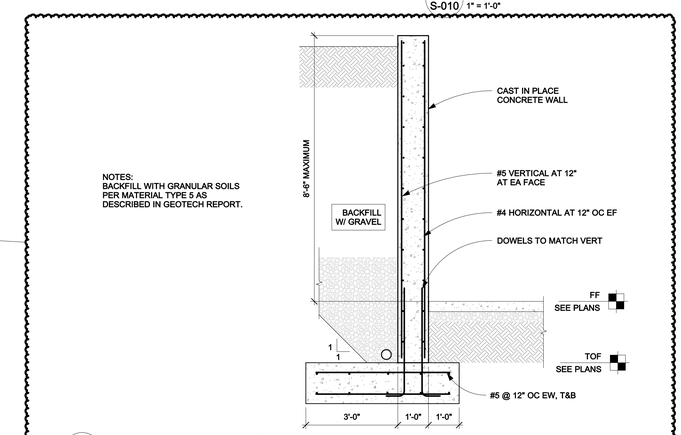
32 S-010 TYPICAL MAN DOOR AT PRECAST
1" = 1'-0"



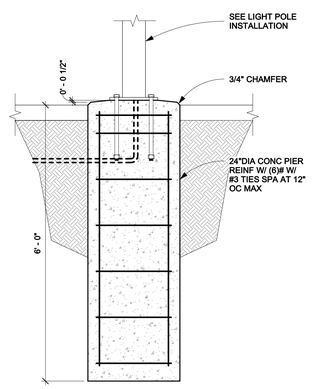
33 S-010 TYP BOLLARD DETAIL
3/4" = 1'-0"



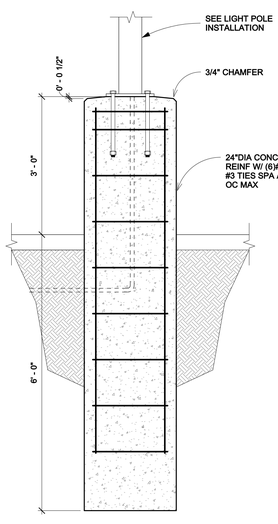
34 S-010 ACCESS FLOOR SLAB DETAIL
1 1/2" = 1'-0"



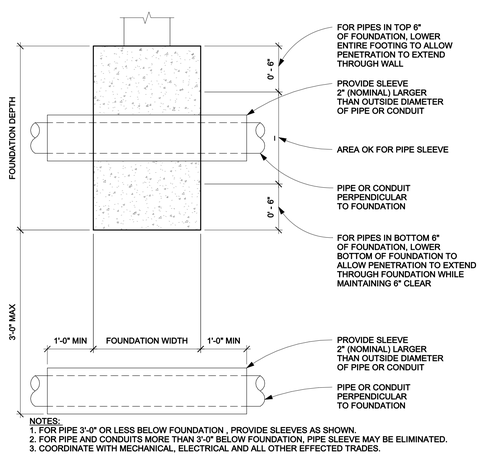
41 S-010 CONC SITE WALL DETAIL
1/2" = 1'-0"



42 S-010 DECORATIVE LIGHTPOLE BASE DETAIL
3/4" = 1'-0"



43 S-010 LIGHTPOLE BASE DETAIL
3/4" = 1'-0"



NOTES:

1. FOR PIPE 3'-0" OR LESS BELOW FOUNDATION , PROVIDE SLEEVES AS SHOWN.
2. FOR PIPE AND CONDUITS MORE THAN 3'-0" BELOW FOUNDATION, PIPE SLEEVE MAY BE ELIMINATED.
3. COORDINATE WITH MECHANICAL, ELECTRICAL AND ALL OTHER EFFECTED TRADES.

44 S-010 TYPICAL INSTALLATION OF PIPE
1 1/2" = 1'-0"

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MO COA: 2009009344

LEE'S SUMMIT JOINT OPERATIONS

PACKAGE 1: SITE AND STRUCTURE

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

REVISION DATES:

1	ADDENDUM #1	9/19/24
2	ADDENDUM #2	10/30/24

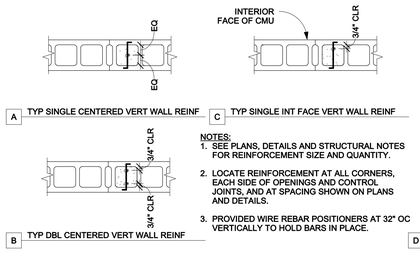
STATE OF MISSOURI
KIMBERLY EBERT JONES
PE-2005029619
PROFESSIONAL ENGINEER
10/30/24

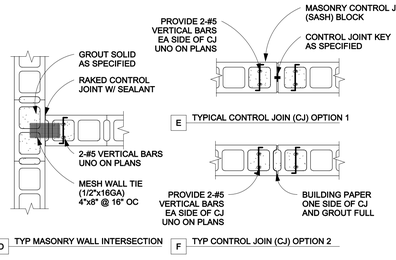
PROFESSIONAL SEAL

S-010

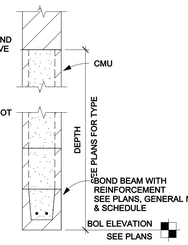
ISSUE DATE: AUGUST 29, 2024
HOEFER WELKER #: 138161

TYPICAL FOUNDATION DETAILS



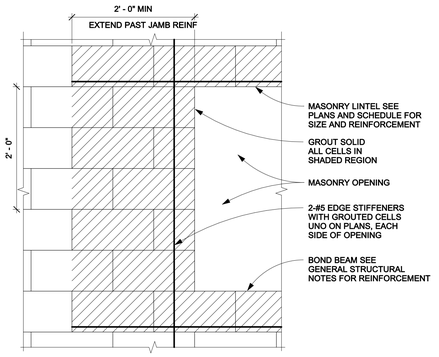


NOTES:
1. PROVIDE SHORING UNDER BEAM FOR A MINIMUM OF 7 DAYS AFTER GROUTING.
2. MONOLITHICALLY GROUT BOND BEAM AND ALL CELLS SOLID. GROUTING SHALL HAVE NO VERTICAL OR HORIZONTAL COLD JOINTS FULL HEIGHT AND LENGTH OF LINTEL INCLUDING END BEARINGS.
3. MECHANICALLY VIBRATE GROUT.
4. SEE TYPICAL MASONRY BEAM/LINTEL BEARING DETAIL FOR BEARING.
5. HORIZONTAL REINFORCEMENT SHALL NOT BE SPLICED.



LINTEL SCHEDULE	
MARK	TYPE
ML-1	8x8 BOND BEAM W/ 1-#4
ML-2	8x16 BOND BEAM W/ 2-#4'S (UNO @ 8" CMU)
ML-3	8x24 BOND BEAM W/ 2-#4'S
ML-4	12x8 BOND BEAM W/ 2-#4'S
ML-5	12x16 BOND BEAM W/ 2-#5'S (UNO @ 12" CMU)
ML-6	12x24 BOND BEAM W/ 2-#5'S
ML-7	6x8 BOND BEAM W/ 1-#3
ML-8	6x16 BOND BEAM W/ 2-#4'S (UNO @ 6" CMU)

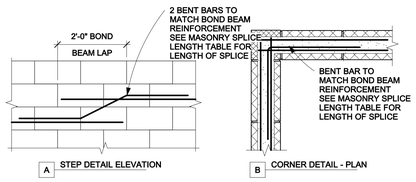
NOTES:
1. AT 8" CMU USE LINTEL ML-2 ALL OPENINGS ≤ 4'-8" AND ML-3 FOR ALL OPENINGS > 4'-8" AND < 8'-0" WIDE UNLESS OTHERWISE NOTED.
2. AT 12" CMU USE LINTEL ML-5 ALL OPENINGS ≤ 6'-8" AND ML-6 FOR ALL OPENINGS > 6'-8" AND < 10'-0" WIDE UNLESS OTHERWISE NOTED.
3. WHERE LINTEL IS NOTED AT SIMILAR, PROVIDE BOND BEAM AND REINFORCING PER SCHEDULE AT TOP AND BOTTOM OF LINTEL.
4. BOND BEAM REINFORCING SHALL BE CONTINUOUS, WITHOUT SPLICES.

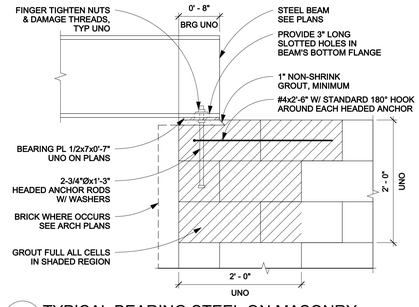


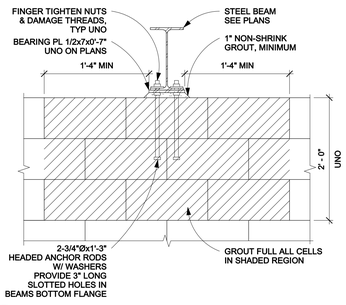
11 TYPICAL MASONRY WALL REINFORCEMENT
S-011 3/4" = 1'-0"

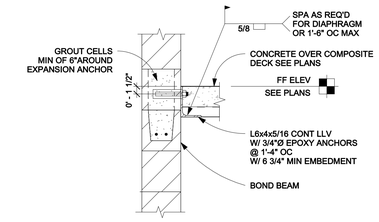
13 TYPICAL MASONRY LINTEL DETAIL AND SCHEDULE
S-011 1" = 1'-0"

15 TYPICAL MASONRY LINTEL BEARING DETAIL
S-011 1" = 1'-0"







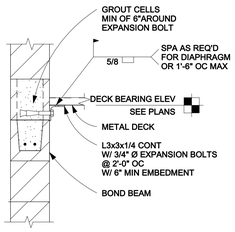


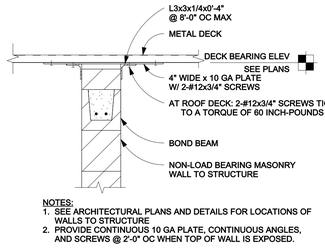
21 TYPICAL BOND BEAM DETAIL
S-011 3/4" = 1'-0"

22 TYPICAL BEARING STEEL ON MASONRY
S-011 1" = 1'-0"

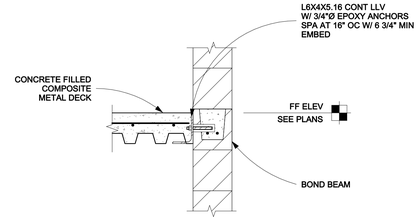
23 TYPICAL BEARING STEEL ON MASONRY
S-011 1" = 1'-0"

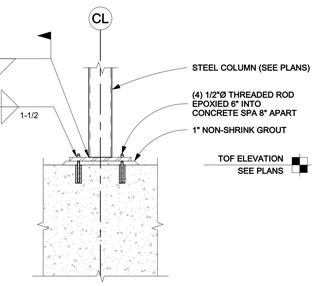
25 TYP COMPOSITE DECK TO MASONRY WALL
S-011 1" = 1'-0"





NOTES:
1. SEE ARCHITECTURAL PLANS AND DETAILS FOR LOCATIONS OF WALLS TO STRUCTURE
2. PROVIDE CONTINUOUS 10 GA PLATE, CONTINUOUS ANGLES, AND SCREWS @ 2'-0" OC WHEN TOP OF WALL IS EXPOSED.



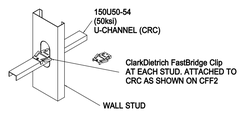


31 TYP METAL DECK ATTACH
S-011 1" = 1'-0"

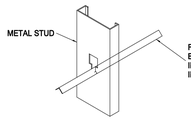
32 TYPICAL WALL BRACING DETAIL
S-011 1" = 1'-0"

34 COMP DECK BEARING AT MAS WALL
S-011 1" = 1'-0"

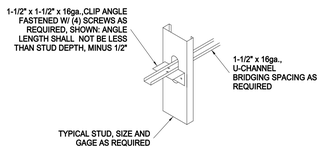
35 STEEL COLUMN BEARING CONCRETE
S-011 3/4" = 1'-0"



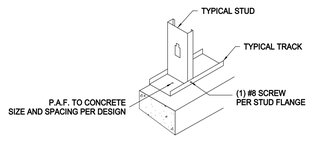
41 FASTBRIDGE BRIDGING OPTION
S-011 1/4" = 1'-0"



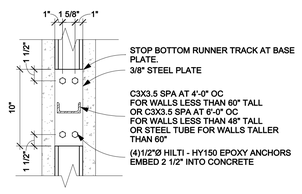
42 SPACER BAR BRIDGING OPTION
S-011 1/2" = 1'-0"

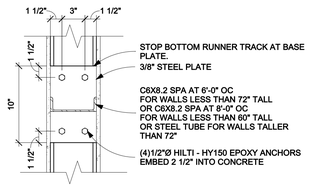


43 U-CHANNEL BRIDGING OPTION
S-011 1" = 20'-0"

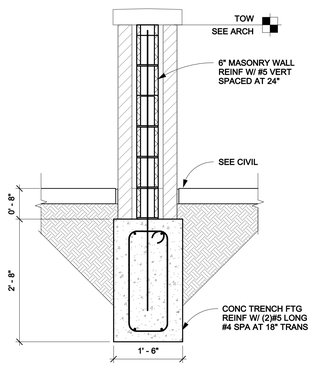


44 TYP STUD BASE CONNECTION
S-011 1/2" = 1'-0"

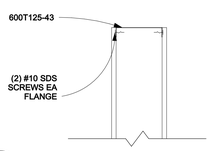




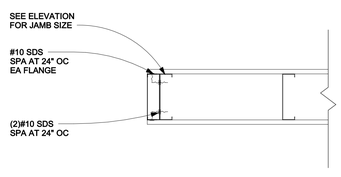
45 PARTIAL WALL HEIGHT SUPPORT
S-011 1 1/2" = 1'-0"



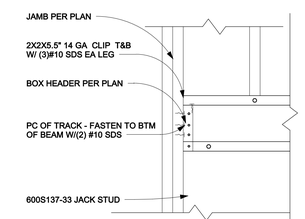
52 CMU PLANTER WALL
S-011 3/4" = 1'-0"



53 TYP SILL PLATE SECTION
S-011 1 1/2" = 1'-0"



54 TYP JAMB DETAIL
S-011 1 1/2" = 1'-0"



55 TYP HEADER CONNECTION
S-011 1 1/2" = 1'-0"

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LEE'S SUMMIT JOINT OPERATIONS
PACKAGE 1: SITE AND STRUCTURE

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

REVISION DATES:

STATE OF MISSOURI
KIMBERLY EBERT ADKES
PE-2005029613
PROFESSIONAL ENGINEER
10/30/24
PROFESSIONAL SEAL

S-011

ISSUE DATE: AUGUST 29, 2024
HOEFER WELKER #: 138161

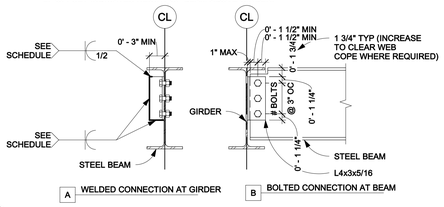
TYPICAL MASONRY & LIGHTGAGE DETAILS

SINGLE ANGLE CONNECTION SCHEDULE (LRFD)

BEAM SIZE	WELD SIZE	OFFSET					
		0"		2 1/2" MAX		5" MAX	
		NUMBER OF BOLTS	SHEAR CAPACIT Y	NUMBER OF BOLTS	SHEAR CAPACIT Y	NUMBER OF BOLTS	SHEAR CAPACIT Y
W8 W10	3/16"	2	22K	2	14K*	-	14K
W12 W14	1/4"	3	43K	3	26K	2	26K**
W16 W18	1/4"	4	64K	4	64K	3	46K
W21	1/4"	5	80K	5	80K	4	64K
W24	1/4"	6	95K	6	95K	5	80K
W27	1/4"	7	111K	7	111K	6	95K
W30 W33	1/4"	8	127K	8	127K	7	111K
W36	1/4"	9	143K	9	143K	9	143K

NOTES:
1. BOLTS ARE 3/4"Ø A325N BOLTS. HOLES ARE 13/16"Ø HOLES IN SUPPORT MEMBER AND 13/16"x1" HORIZONTAL SHORT SLOTS IN ANGLES.
2. OFFSET INDICATES HEIGHT OF BEAM ABOVE GIRDER.

* W10 BEAMS ONLY
** W12 BEAMS ONLY

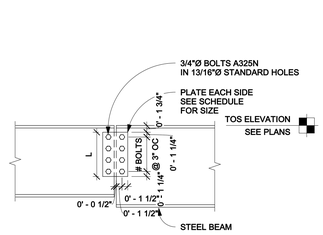


A WELDED CONNECTION AT GIRDER
B BOLTED CONNECTION AT BEAM

22 S-012 TYPICAL SINGLE ANGLE CONNECTION
1" = 1'-0"

CONNECTION SCHEDULE (LRFD)

BEAM SIZE	NUMBER OF BOLTS	L=PLATE LENGTH	PLATE THICKNES S	SHEAR CAPACIT Y
W8 W10	2	5 1/2"	1/4"	18K
W12 W14	3	8 1/2"	1/4"	36K
W16 W18	4	11 1/2"	1/4"	73K
W21	5	14 1/2"	1/4"	135K
W24	6	17 1/2"	1/4"	165K
W27	7	20 1/2"	1/4"	193K
W30 W33	8	23 1/2"	5/16"	239K
W36	9	26 1/2"	5/16"	271K



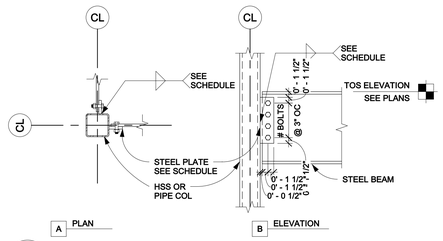
23 S-012 TYPICAL BEAM SPLICE DETAIL
3/4" = 1'-0"

CONNECTION SCHEDULE (LRFD)

BEAM SIZE	NUMBER OF BOLTS	L=PLATE LENGTH	PLATE THICKNES S	WELD SIZE	SHEAR CAPACIT Y
W8 W10	2	6"	1/4"	3/16"	18K
W12 W14	3	9"	1/4"	3/16"	36K
W16 W18	4	12"	1/4"	3/16"	53K
W21	5	15"	5/16"	1/4"	70K
W24	6	18"	5/16"	1/4"	87K
W27	7	21"	3/8"	1/4"	99K
W30 W33	8	24"	3/8"	5/16"	111K
W36	9	27"	7/16"	5/16"	123K

NOTE:

BOLTS ARE 3/4"Ø A325N BOLTS. HOLES ARE 13/16"Ø HOLES IN SUPPORT MEMBER AND 13/16"x1" HORIZONTAL SHORT SLOPS IN PLATES.

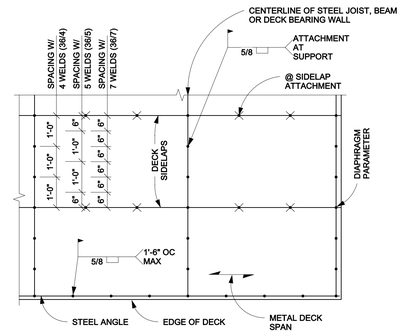


A PLAN
B ELEVATION

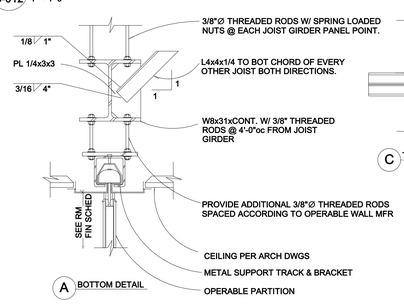
24 S-012 TYPICAL STEEL BEAM/COLUMN CONNECTION
3/4" = 1'-0"

DECK ATTACHMENT SCHEDULE

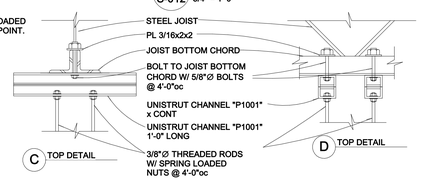
ATTACHMENT TYPE	ATTACHMENT @ SUPPORTS	ATTACHMENT @ SIDELAPS	REMARKS
A	36/4: 4-5/8" Ø PER 36" WIDE SHEET	2-#10 SCREWS @ 1/3 POINTS	USE UNO ON PLANS
B	36/7: 7-5/8" Ø PER 36" WIDE SHEET	9-#10 SCREWS @ 1/10 POINTS	USE AT LOW ROOF
C	36/7: 7-5/8" Ø PER 36" WIDE SHEET	5-#10 SCREWS @ 1/6 POINTS	USE AT HIGH ROOF
D	36/4: 4-5/8" Ø PER 36" WIDE SHEET	5-#10 SCREWS @ 1/6 POINTS	
E	36/7: 7-5/8" Ø PER 36" WIDE SHEET	3-#10 SCREWS @ 1/4 POINTS	



25 S-012 TYPICAL ROOF OR FLOOR DECK ATTACH
1" = 1'-0"



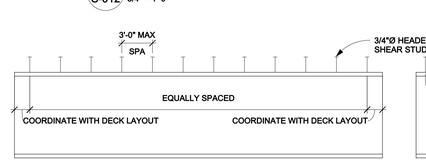
A BOTTOM DETAIL



C TOP DETAIL
D TOP DETAIL

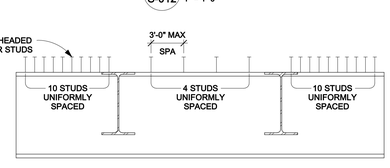
B TOP DETAIL

32 S-012 TYP OPERABLE WALL SUPPORT DETAIL
1" = 1'-0"



NOTES:
1. THE NUMBER IN BRACKETS [#] FOLLOWING THE BEAM SIZE ON THE PLANS INDICATES THE NUMBER OF 3/4" HEADED STUDS TO BE PLACED ON THE BEAM.
2. THE MAXIMUM STUD SPACING SHALL BE 3'-0"
3. DECK VALLEYS WITHOUT STUDS SHALL BE WELDED.
4. STUD PLACEMENT SHALL BE:
   A. WHEN THE NUMBER OF STUDS IS LESS THAN THE NUMBER OF DECK VALLEYS UNIFORMLY SPACE STUDS SYMMETRICALLY WITH THE BEAM CENTERLINE.
   B. WHEN THE NUMBER OF STUDS IS GREATER THAN THE NUMBER OF DECK VALLEYS PLACE ONE STUD IN EACH VALLEY STARTING AT THE END OF THE BEAM. WHEN TWO STUDS ARE REQUIRED PLACE STUDS 1 1/2" EACH SIDE OF THE BEAM WEB.

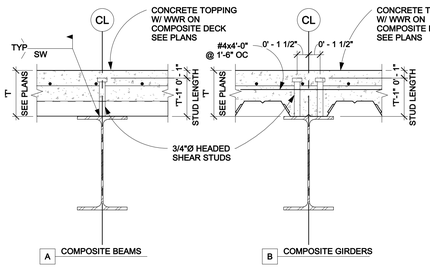
A COMPOSITE BEAMS



NOTES:
1. THE SERIES OF NUMBERS SHOWN IN BRACKETS [#,#,#] FOLLOWING THE GIRDER SIZE, ON THE PLANS, WHEN ADDED TOGETHER REPRESENT THE TOTAL NUMBER OF 3/4" STUDS TO BE PLACED ON THE GIRDER. FOR EXAMPLE [10,4,10] REPRESENTS A TOTAL OF 24 STUDS TO BE LOCATED ON THE GIRDER. THE FIRST (LAST) NUMBER REPRESENTING THE NUMBER OF STUDS TO BE PLACED BETWEEN THE END OF THE GIRDER AND THE FIRST (LAST) INTERSECTING BEAM. THE MIDDLE NUMBER REPRESENTS THE NUMBER OF STUDS TO BE LOCATED BETWEEN THE TWO INTERSECTING BEAMS.
2. PLACE STUDS UNIFORMLY ALONG THE BEAM OR PORTION OF BEAM INDICATED.
3. MAXIMUM STUD SPACING SHALL BE 3'-0".
4. MINIMUM STUD SPACING SHALL BE 4 1/2". IF THE REQUIRED NUMBER OF STUDS EXCEEDS WHAT CAN BE PLACED AT 4 1/2", PLACE A SECOND ROW OF STUDS SPACED AT 4 1/2" OC, STARTING AT THE END OF THE BEAM, UNTIL THE REQUIRED NUMBER OF STUDS IS REACHED. WHEN TWO ROWS ARE REQUIRED, PLACE STUDS 1 1/2" EACH SIDE OF THE BEAM CENTERLINE.

B COMPOSITE GIRDERS

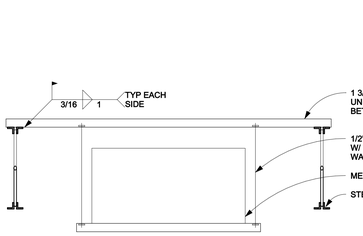
34 S-012 TYPICAL COMPOSITE BEAM STUD PLACEMENT DETAIL
1" = 1'-0"



A COMPOSITE BEAMS
B COMPOSITE GIRDERS

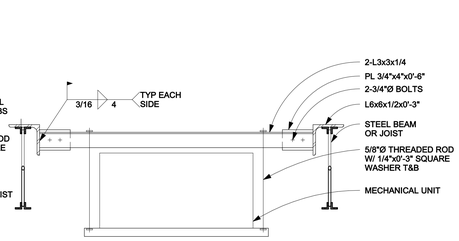
NOTE:
PROVIDE DECK GIRDER FILLER PLATE IF REQUIRED

42 S-012 TYPICAL COMPOSITE BEAM & GIRDER
1 1/2" = 1'-0"



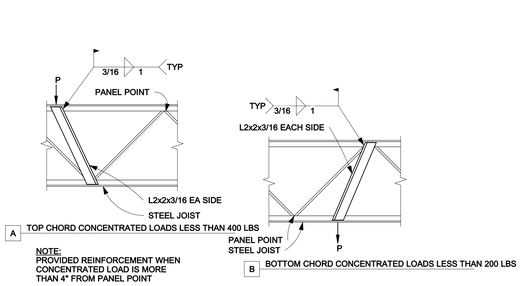
A UNITS WEIGHTING LESS THAN 500 LBS

NOTE:
VERIFY SIZE AND LOCATION WITH MECHANICAL CONTRACTOR



B UNITS WEIGHTING BETWEEN 500 AND 3,000 LBS

43 S-012 TYPICAL HANGING MECHANICAL UNIT DETAILS
1" = 1'-0"

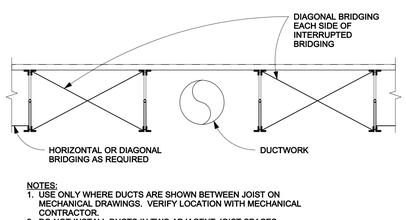


A TOP CHORD CONCENTRATED LOADS LESS THAN 400 LBS

NOTE:
PROVIDED REINFORCEMENT WHEN CONCENTRATED LOAD IS MORE THAN 4" FROM PANEL POINT

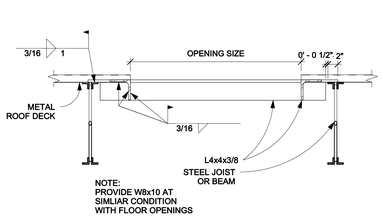
B BOTTOM CHORD CONCENTRATED LOADS LESS THAN 200 LBS

45 S-012 TYPICAL JOIST REINFORCEMENT DETAIL
1" = 1'-0"



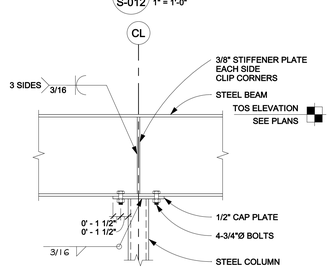
NOTES:
1. USE ONLY WHERE DUCTS ARE SHOWN BETWEEN JOIST ON MECHANICAL DRAWINGS. VERIFY LOCATION WITH MECHANICAL CONTRACTOR.
2. DO NOT INSTALL DUCTS IN TWO ADJACENT JOIST SPACES.

52 S-012 TYPICAL INTERRUPTION OF BRIDGING
3/4" = 1'-0"

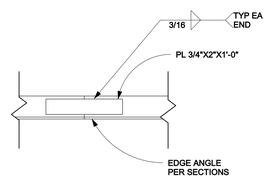


NOTE:
PROVIDE W8x10 AT SIMLIAR CONDITION WITH FLOOR OPENINGS

53 S-012 TYPICAL FLOOR AND ROOF OPENING DETAIL
1" = 1'-0"



54 S-012 TYPICAL BEAM TO COLUMN DETAIL
1" = 1'-0"



55 S-012 TYP PERIMETER ANGLE SPLICE
1 1/2" = 1'-0"

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LEE'S SUMMIT JOINT OPERATIONS

PACKAGE 1: SITE AND STRUCTURE

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

REVISION DATES:

1	ADDENDUM #1	9/19/24

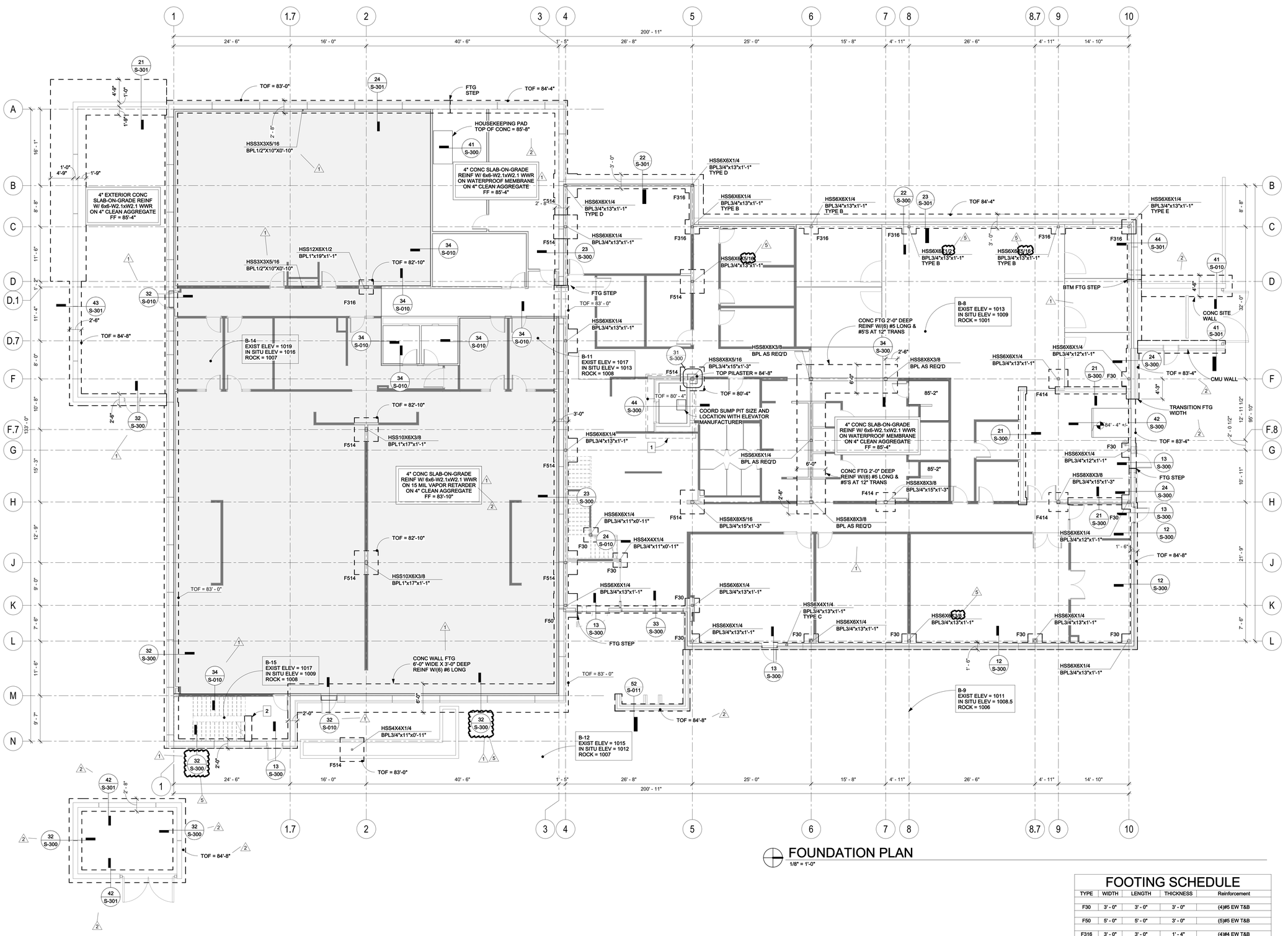
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KONIS
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S-012

ISSUE DATE: AUGUST 29, 2024
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TYPICAL STRUCTURAL STEEL DETAILS



FOUNDATION PLAN

1/8" = 1'-0"

FOOTING SCHEDULE

TYPE	WIDTH	LENGTH	THICKNESS	Reinforcement
F30	3' - 0"	3' - 0"	3' - 0"	(4)#5 EW T&B
F50	5' - 0"	5' - 0"	3' - 0"	(5)#5 EW T&B
F316	3' - 0"	3' - 0"	1' - 4"	(4)#4 EW T&B
F414	4' - 0"	4' - 0"	1' - 4"	(5)#5 EW T&B
F514	5' - 0"	5' - 0"	1' - 4"	(6)#5 EW T&B

FOUNDATION NOTES:

1. ALL ELEVATIONS ARE BASED ON A RELATIVE ELEVATION OF 100'-0" EQUAL TO THE INDICATED DATUM ELEVATION. VERIFY DATUM ELEVATION WITH THE LATEST CIVIL DRWAINGS PRIOR TO CONSTRUCTION.
2. COORDINATE TOP OF FOOTING ELEVATIONS WITH LATEST CIVIL DRAWINGS PRIOR TO CONSTRUCTION TO MAINTAIN 3'-0" MINIMUM FROST DEPTH. TOP OF FOOTING ELEVATION = 99'-4" UNLESS OTHERWISE SHOWN THUS.
3. SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS AND WALL OPENINGS AND LOCATION OF THICKENED, SLOPED, RAISED, OR DEPRESSED SLABS.
4. PROVIDE ISOLATION JOINTS AND SAW CUT CONTROL JOINTS IN SLAB ON GRADE AS SHOWN IN DETAIL 13 ON SHEET S0.10 AND 15'-0" OC MAX.
5. ABBV: BPL - BASE PLATE
6. ALL BASEPLATES ARE TYPE A UNLESS NOTED OTHERWISE. SEE 21/S-010.

KEY NOTES:

1 (2)#6 IN EA CELL AT ELEVATOR SHAFT

2 THICKENED SLAB W/(2) #4

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LEE'S SUMMIT JOINT OPERATIONS

PACKAGE 1: SITE AND STRUCTURE

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

REVISION DATES:

1	ADDENDUM #1	9/19/24
2	ADDENDUM #2	10/30/24
5	ASI #1	12/11/24

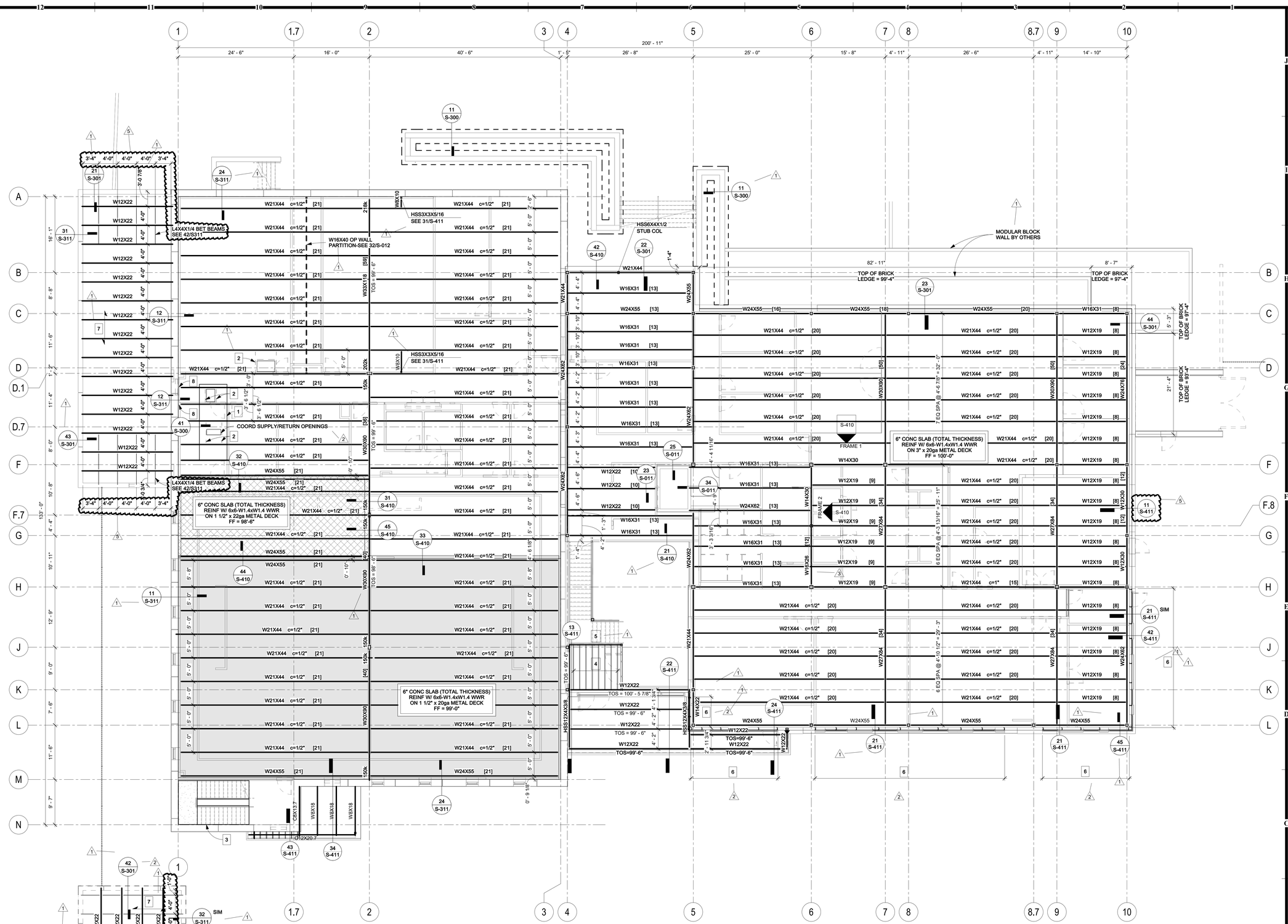
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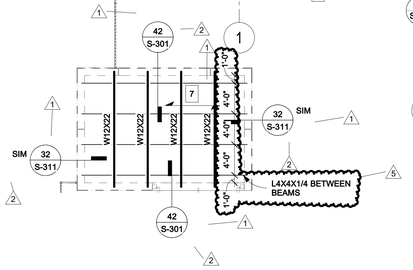
S-100

ISSUE DATE: AUGUST 29, 2024
HOEFER WELKER #: 138161

FOUNDATION PLAN



MAIN LEVEL FLOOR FRAMING
1/8" = 1'-0"



FRAMING NOTES:

1. ALL ELEVATIONS ARE BASED ON A RELATIVE ELEVATION OF 100'-0" EQUAL TO THE INDICATED DATUM ELEVATION. VERIFY DATUM ELEVATION WITH THE LATEST CIVIL DRWAINGS PRIOR TO CONSTRUCTION.
2. TRUSS GIRDER HEIGHT TO MATCH MONOTRUSS HEIGHT AS REQ'D.

TOS = 98'-6"

TOS = 99'-0"

KEY NOTES:

1. HOUSEKEEPING PAD - TOP OF CONCRETE = 100'-4"
2. FRAME FLOOR OPENING W/ W8X10 EA SIDE AS REQ'D
3. PRECAST STAIR SYSTEM
4. 600S162-43 SPA AT 16" OC
5. BOXED BEAM - (2)600S162-54
6. C6X8.2 VERT & BRICK SUPPORT PLATE SEE 45/S-300
7. METAL GRATING - GW-19-W-2 W/ 1" X 3/16" BARS
8. PROVIDE 16" WIDE EMBED PLATE TO ALLOW FOR BEAM LOCATION ADJUSTMENT

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LEE'S SUMMIT JOINT OPERATIONS

PACKAGE 1: SITE AND STRUCTURE

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LEE'S SUMMIT, MISSOURI 64086

REVISION DATES:

1	ADDENDUM #1	9/19/24
2	ADDENDUM #2	10/30/24
3	ADDENDUM #3	11/18/24
5	ASI #1	12/11/24

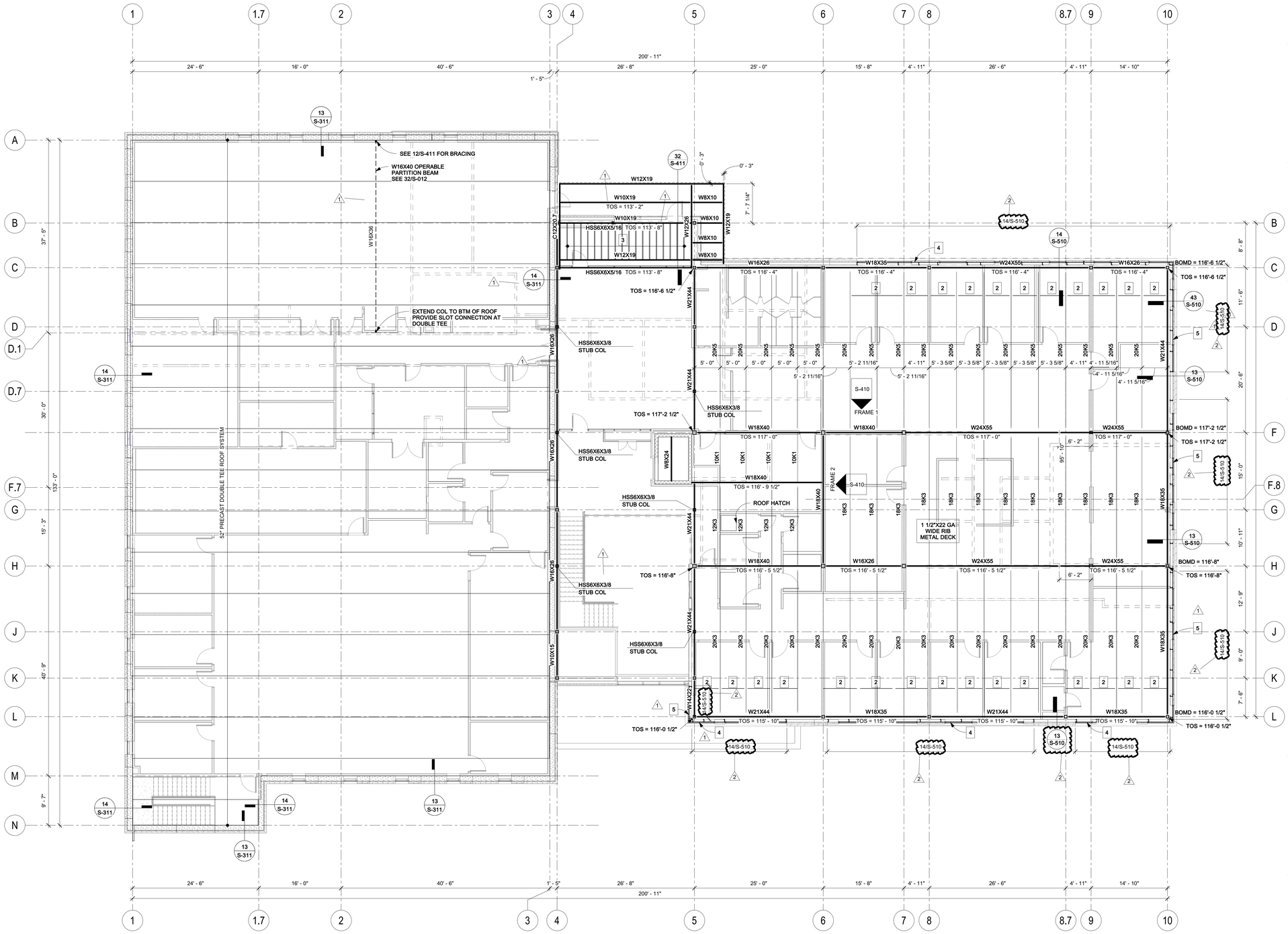
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S-200

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HOEFER WELKER #: 138161

MAIN FLOOR FRAMING PLAN



ROOF FRAMING PLAN

1/8" = 1'-0"

FRAMING NOTES:

1. ALL ELEVATIONS ARE BASED ON A RELATIVE ELEVATION OF 100'-0" EQUAL TO THE INDICATED DATUM ELEVATION. VERIFY DATUM ELEVATION WITH THE LATEST CIVIL DRWAINGS PRIOR TO CONSTRUCTION.
2. TRUSS GIRDER HEIGHT TO MATCH MONOTRUSS HEIGHT AS REQ'D.

KEY NOTES

1. 600S162-43 SPA AT
2. L4X4X3/8" BET JOISTS
3. 600S162-43 SPA AT 16" OC
4. BRICK SUPPORT PLATE & C6X8.2 VERT SPA AT 4'-0" OC - SEE 14/S-510
5. BRICK SUPPORT PLATE & C6X8.2 VERT SPA AT 4'-0" OC - SEE 43/S-510

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LEE'S SUMMIT JOINT OPERATIONS

PACKAGE 1: SITE AND STRUCTURE

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

REVISION DATES:

1	ADDENDUM #1	9/19/24
2	ADDENDUM #2	10/30/24

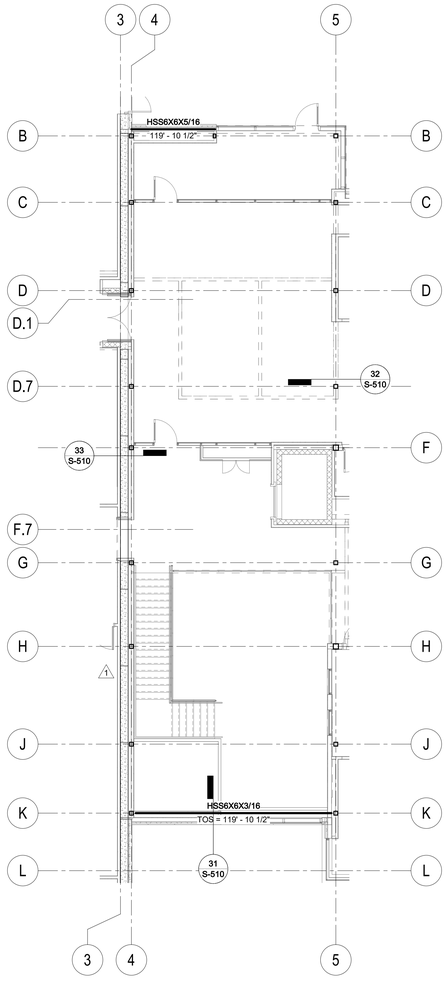
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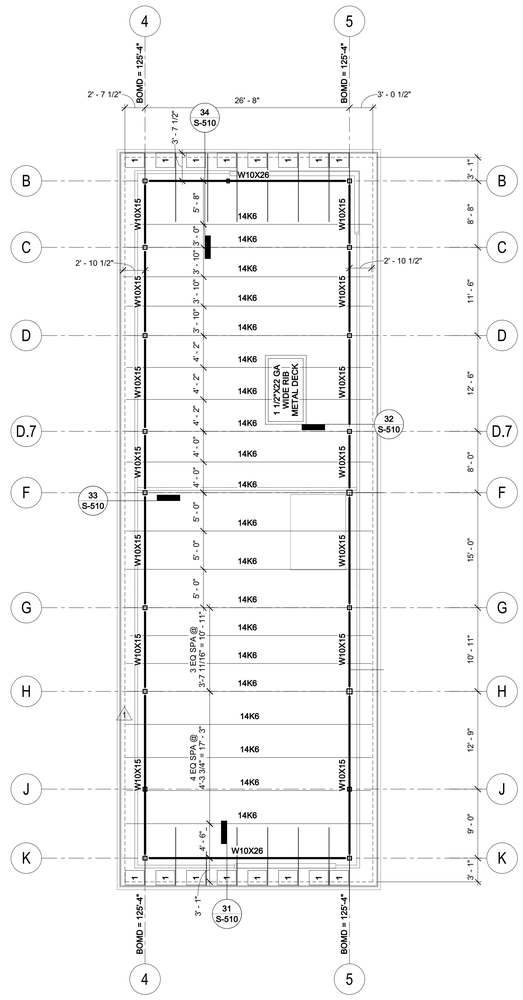
S-201

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HOEFER WELKER #: 138161

ROOF FRAMING PLAN



WIND BEAM PLAN
1/8" = 1'-0"



HIGH ROOF FRAMING PLAN
1/8" = 1'-0"

FRAMING NOTES:

1. **ALL ELEVATIONS ARE BASED ON A RELATIVE ELEVATION OF 100'-0" EQUAL TO THE INDICATED DATUM ELEVATION. VERIFY DATUM ELEVATION WITH THE LATEST CIVIL DRWAINGS PRIOR TO CONSTRUCTION.**
2. **TOS = 125'-0" UNLESS NOTED OTHERWISE.**

KEY NOTES

1	L4X4X1/4" OUTRIGGER SPA AT 4'-0" OC

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LEE'S SUMMIT JOINT OPERATIONS

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2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

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1	ADDENDUM #1	9/19/24

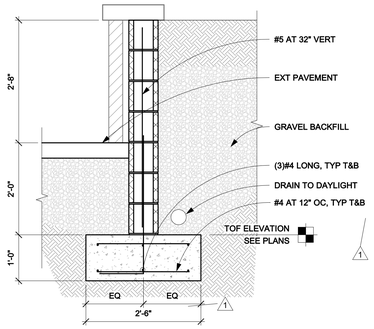
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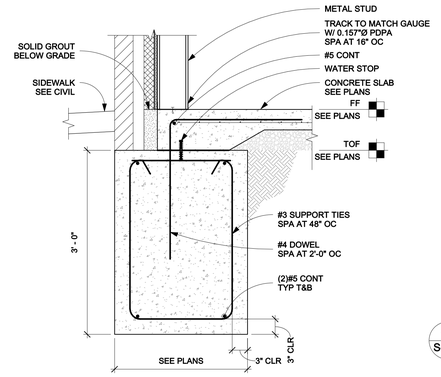
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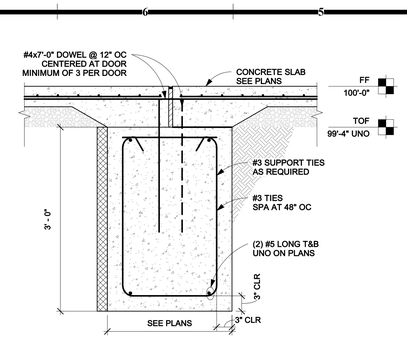
HIGH ROOF FRAMING PLAN



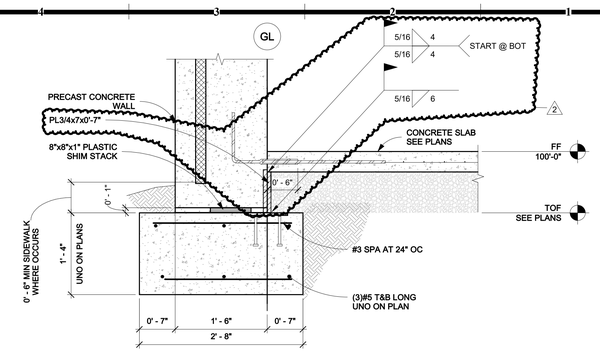
11 S-300 TYP MASONRY PLANTER WALL
3/4" = 1'-0"



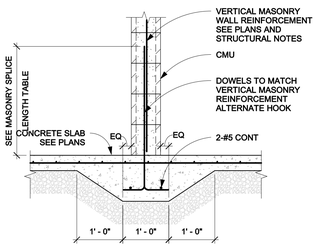
12 S-300 TYP GRADE BEAM AT STUD WALL
1" = 1'-0"



13 S-300 TYPICAL GRADE BEAM AT MAN DOOR
1" = 1'-0"

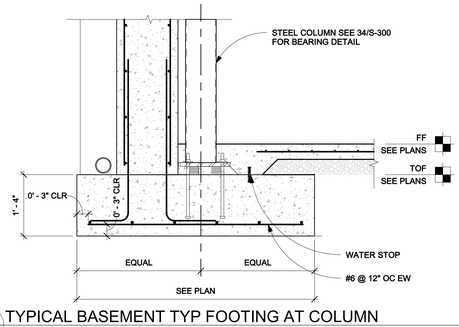


14 S-300 TYPICAL EXTERIOR FOOTING AT PRECAST
1" = 1'-0"

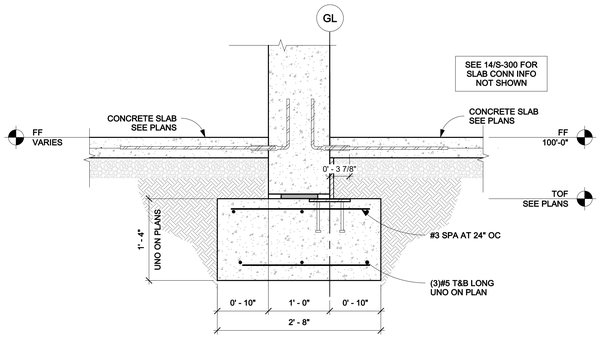


NOTE:
CONTRACTOR HAS THE OPTION TO EPOXY DOWELS INTO THICKENED SLAB AS AN ALTERNATIVE TO HOOKED DOWELS. SEE EPOXY EMBEDMENT TABLE.

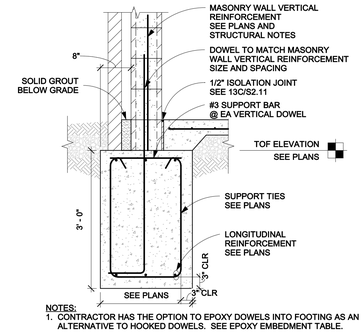
21 S-300 TYPICAL THICKENED SLAB AT CMU
3/4" = 1'-0"



22 S-300 TYPICAL BASEMENT TYP FOOTING AT COLUMN
3/4" = 1'-0"

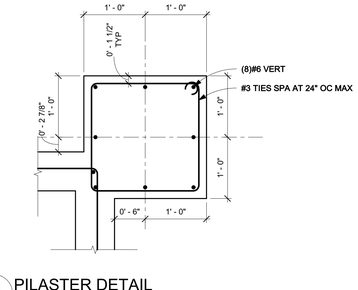


23 S-300 TYPICAL INTERIOR FOOTING DETAIL
1" = 1'-0"

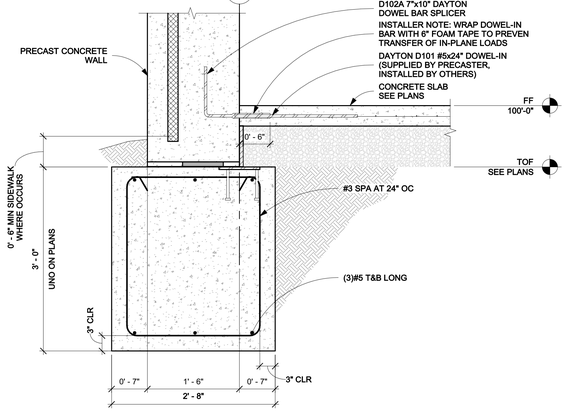


NOTES:
1. CONTRACTOR HAS THE OPTION TO EPOXY DOWELS INTO FOOTING AS AN ALTERNATIVE TO HOOKED DOWELS. SEE EPOXY EMBEDMENT TABLE.

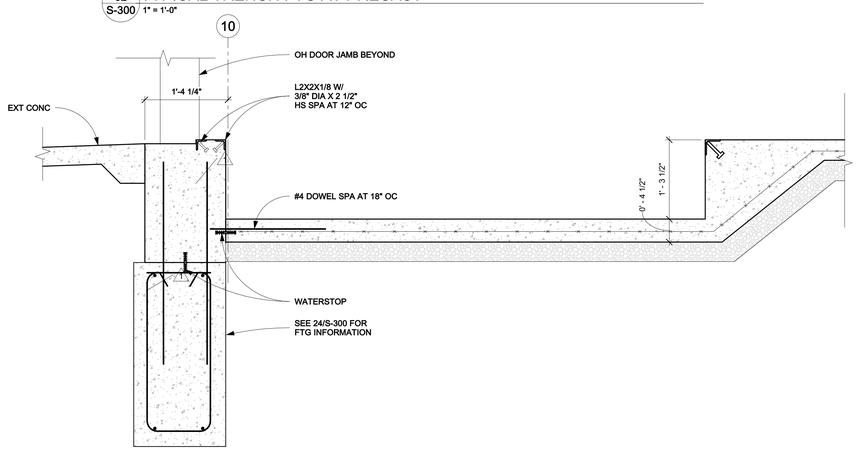
24 S-300 TYPICAL MASONRY WALL FOOTING
3/4" = 1'-0"

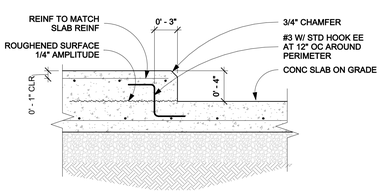


31 S-300 PILASTER DETAIL
1" = 1'-0"



32 S-300 TYPICAL TRENCH FTG AT PRECAST
1" = 1'-0"

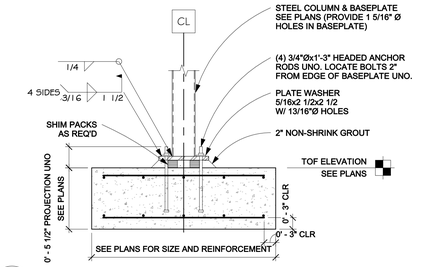




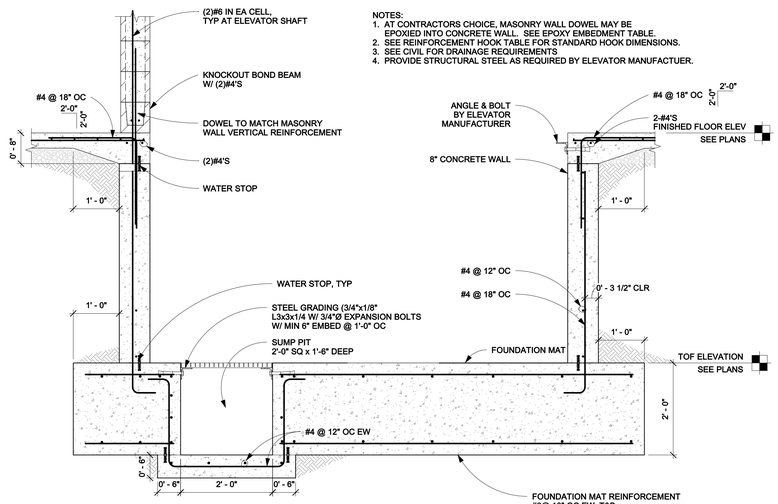
41 S-300 HOUSEKEEPING PAD DETAIL
1 1/2" = 1'-0"

42 S-300 LEVELER AT OH DOOR
1" = 1'-0"

33 S-300 TYP GRADE BEAM AT STOREFRONT / GLAZING
1" = 1'-0"



34 S-300 TYPICAL SPREAD FOOTING DETAIL
3/4" = 1'-0"



NOTES:
1. AT CONTRACTORS CHOICE, MASONRY WALL DOWEL MAY BE EPOXIED INTO CONCRETE WALL. SEE EPOXY EMBEDMENT TABLE.
2. SEE REINFORCEMENT HOOK TABLE FOR STANDARD HOOK DIMENSIONS.
3. SEE CIVIL FOR DRAINAGE REQUIREMENTS
4. PROVIDE STRUCTURAL STEEL AS REQUIRED BY ELEVATOR MANUFACTUER.

44 S-300 TYPICAL ELEVATOR PIT DETAIL
3/4" = 1'-0"

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JOINT OPERATIONS

PACKAGE 1: SITE AND STRUCTURE

LEE'S SUMMIT JOINT OPS CENTER

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

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2	ADDENDUM #2	10/30/24

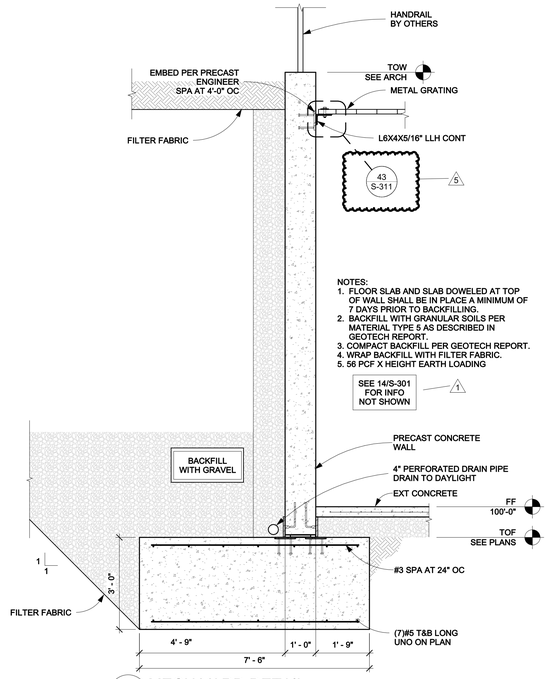
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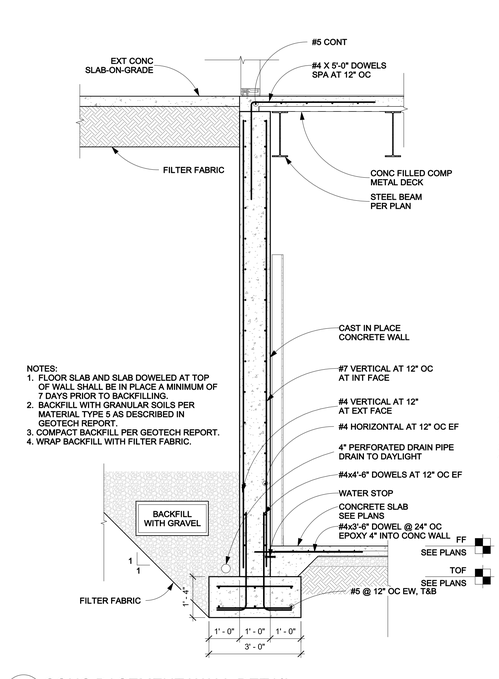
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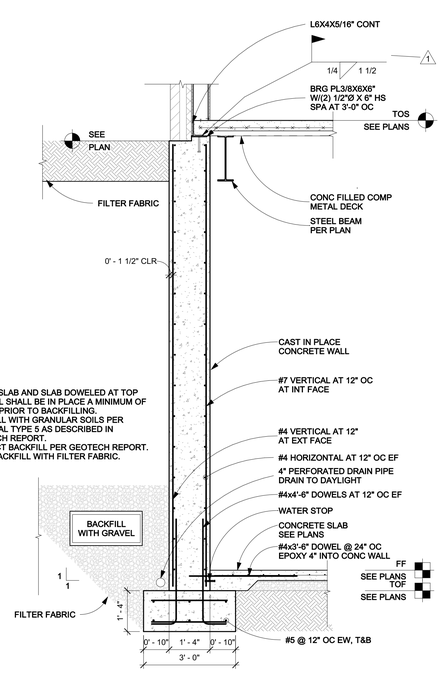
FOUNDATION DETAILS



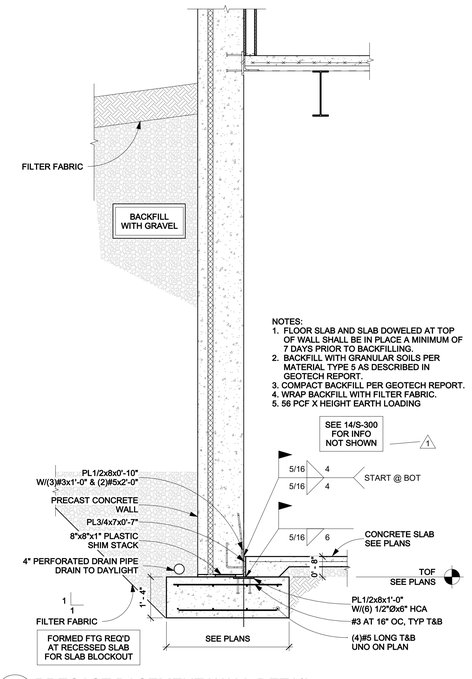
21 S-301 MECH YARD DETAIL
1/2" = 1'-0"



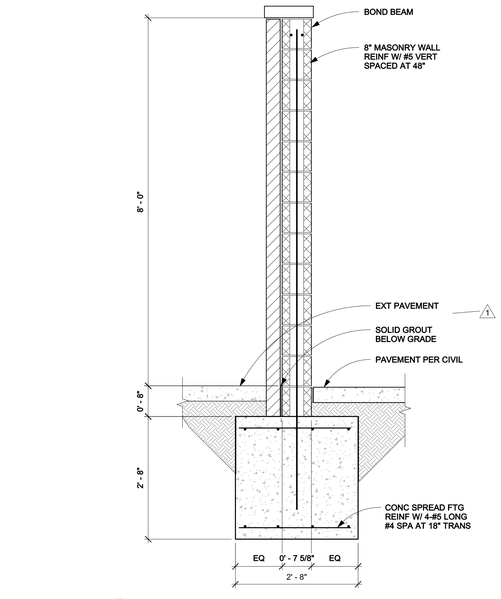
22 S-301 CONC BASEMENT WALL DETAIL
1/2" = 1'-0"



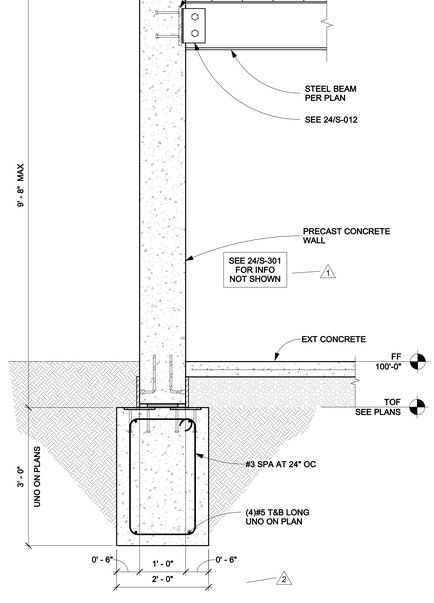
23 S-301 BASEMENT WALL WEST
1/2" = 1'-0"



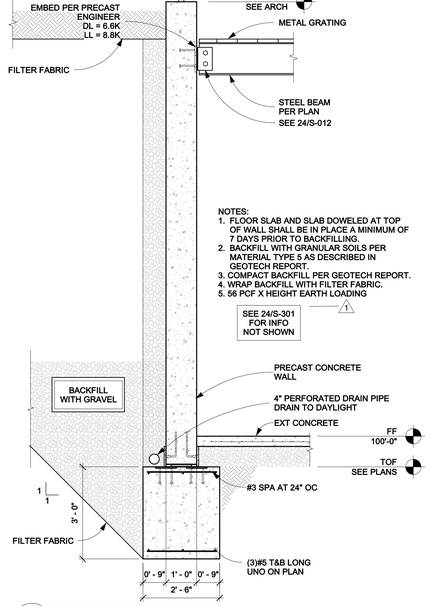
24 S-301 PRECAST BASEMENT WALL DETAIL
1/2" = 1'-0"



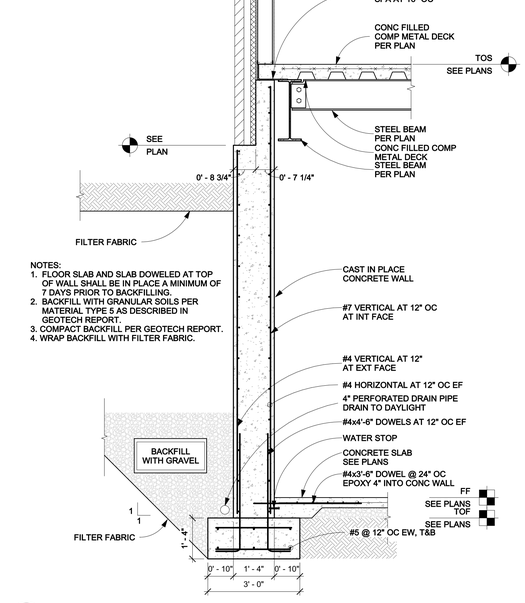
41 S-301 TYPICAL TRASH ENCLOSURE FTG DETAIL
3/4" = 1'-0"



42 S-301 PRECAST WALL DETAIL
3/4" = 1'-0"



43 S-301 MECH YARD DETAIL
1/2" = 1'-0"



44 S-301 CONC WALL FTG DETAIL
1/2" = 1'-0"

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LEE'S SUMMIT JOINT OPERATIONS

PACKAGE 1: SITE AND STRUCTURE

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

REVISION DATES:

1	ADDENDUM #1	9/19/24
2	ADDENDUM #2	10/30/24
5	ASI #1	12/11/24

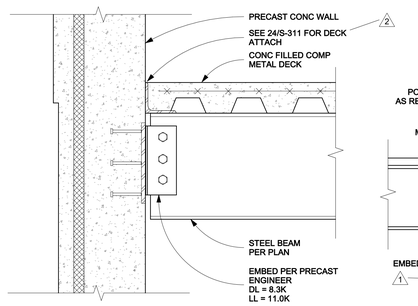
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KIMBERLY
EBERT
JONES
PE-2005029619
PROFESSIONAL ENGINEER
12/11/24

PROFESSIONAL SEAL

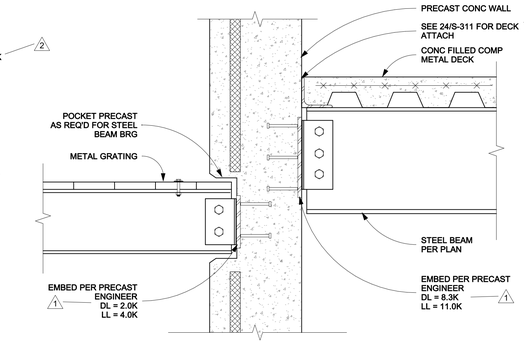
S-301

ISSUE DATE: AUGUST 29, 2024
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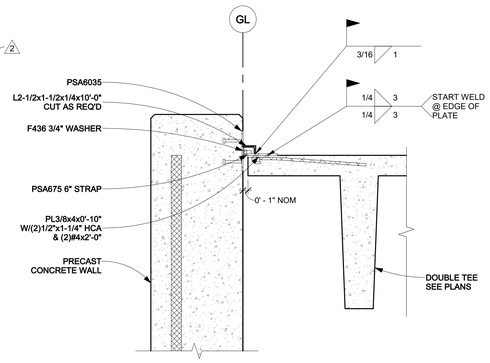
FOUNDATION WALL SECTIONS



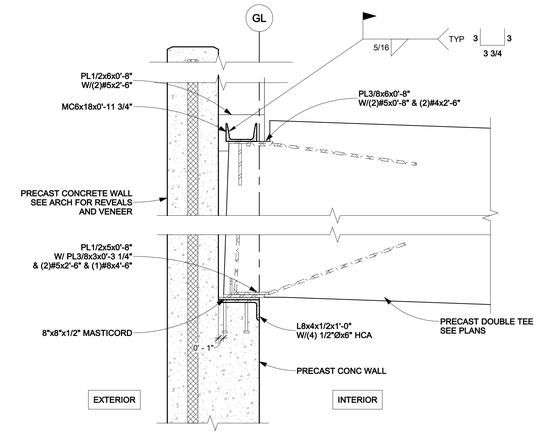
11 S-311 BEAM / PRECAST DETAIL
1" = 1'-0"



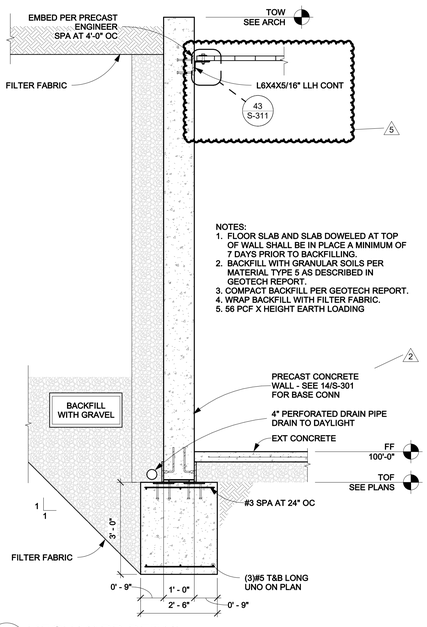
12 S-311 BM BRG AT MECH EXT PRECAST WALL
1" = 1'-0"



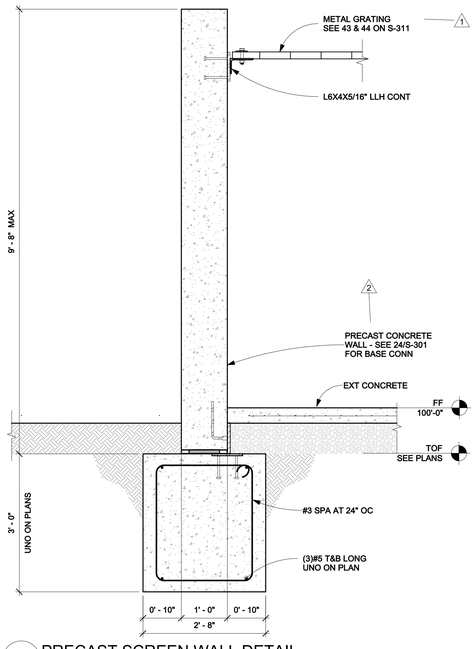
13 S-311 DOUBLE TEE AT CAST-IN-PLACE WALL
1" = 1'-0"



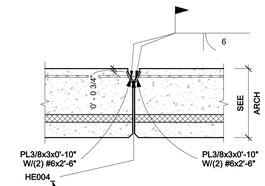
14 S-311 DOUBLE TEE BEARING AT PRECAST WALL
1" = 1'-0"



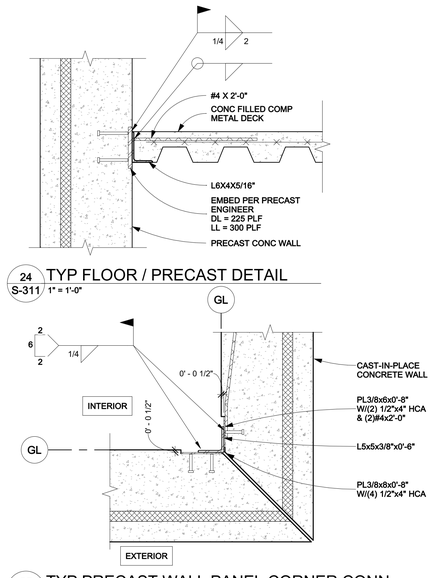
31 S-311 MECH YARD DETAIL
1/2" = 1'-0"



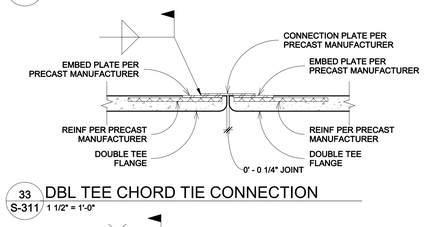
32 S-311 PRECAST SCREEN WALL DETAIL
3/4" = 1'-0"



23 S-311 WALL PANEL TO WALL PANEL VERT CONN
3/4" = 1'-0"

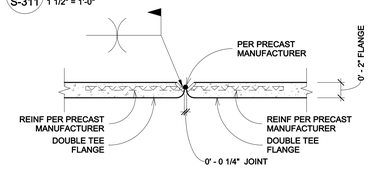


24 S-311 TYP FLOOR / PRECAST DETAIL
1" = 1'-0"

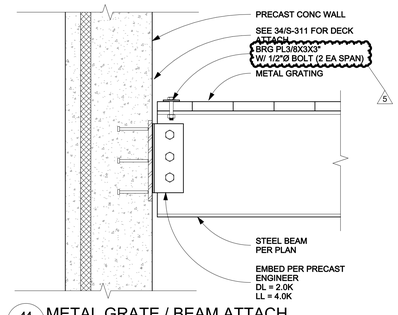


33 S-311 DBL TEE CHORD TIE CONNECTION
1 1/2" = 1'-0"

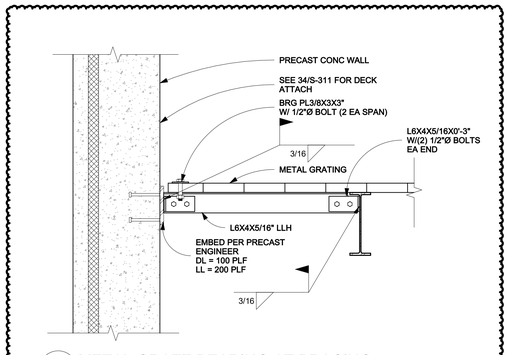
35 S-311 TYP PRECAST WALL PANEL CORNER CONN
1" = 1'-0"



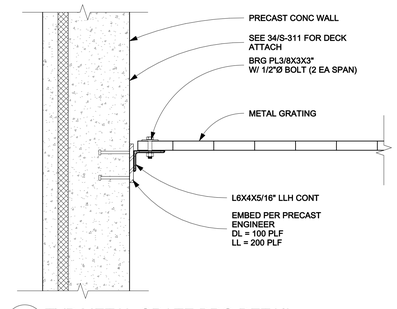
34 S-311 DBL TEE FLANGE TO FLANGE CONN
1 1/2" = 1'-0"



44 S-311 METAL GRATE / BEAM ATTACH
1" = 1'-0"



42 S-311 METAL GRATE BEARING AT BRACING
1" = 1'-0"



43 S-311 TYP METAL GRATE BRG DETAIL
1" = 1'-0"

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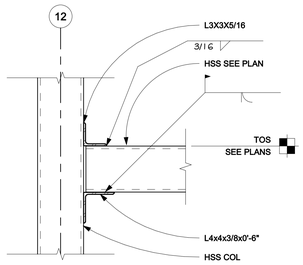
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PROFESSIONAL SEAL

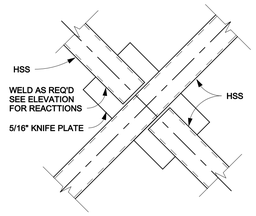
S-311

ISSUE DATE: AUGUST 29, 2024
HOEFER WELKER #: 138161

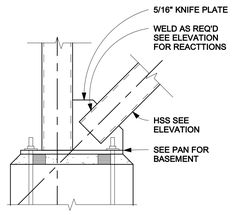
PRECAST CONCRETE DETAILS



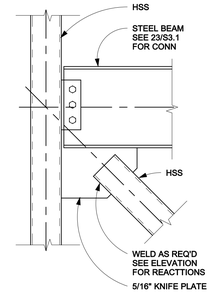
11 TUBE TO TUBE CONNECTION
S-410 1 1/2" = 1'-0"



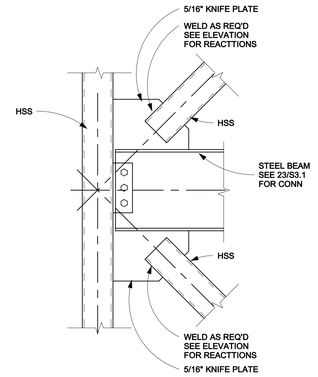
12 TYP BRACE AT INTERSECTION
S-410 1" = 1'-0"



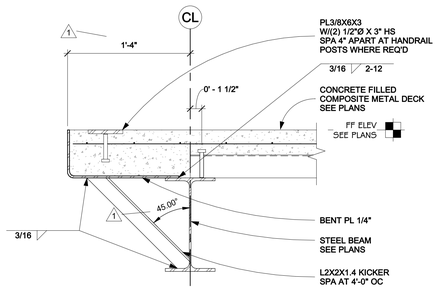
13 TYP BRACE AT FOUNDATION
S-410 1" = 1'-0"



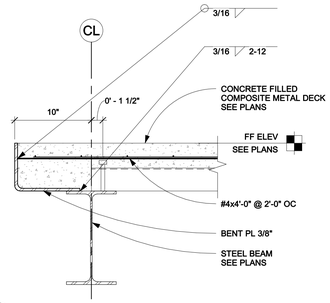
14 TYP BRACE DETAIL AT ROOF
S-410 1" = 1'-0"



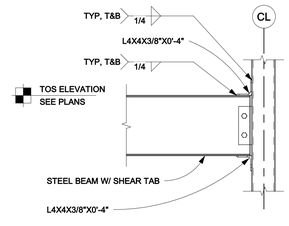
15 TYP BRACE DETAIL AT BEAM
S-410 1" = 1'-0"



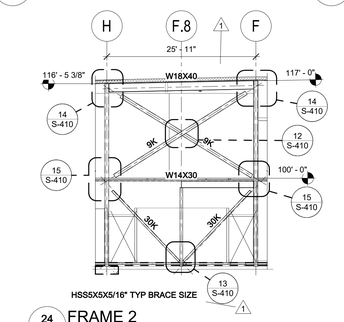
21 TYPICAL COMP SLAB EDGE DETAIL
S-410 1 1/2" = 1'-0"



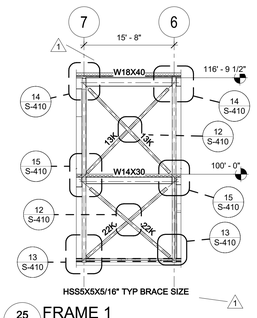
22 COMP SLAB EDGE BEARING
S-410 1 1/2" = 1'-0"



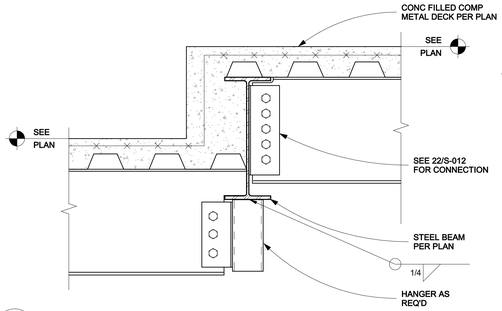
23 MOMENT CONNECTION
S-410 3/4" = 1'-0"



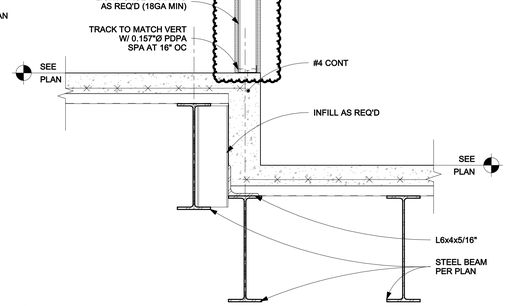
24 FRAME 2
S-410 3/32" = 1'-0"



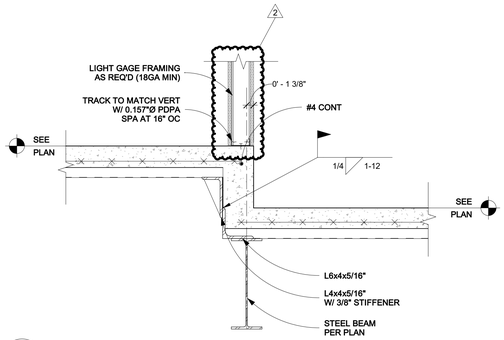
25 FRAME 1
S-410 3/32" = 1'-0"



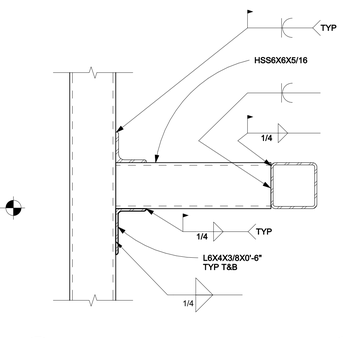
31 COMP FLOOR STEP DETAIL
S-410 1" = 1'-0"



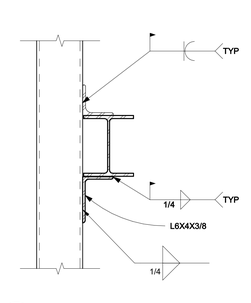
32 COMP FLOOR STEP DETAIL
S-410 1" = 1'-0"



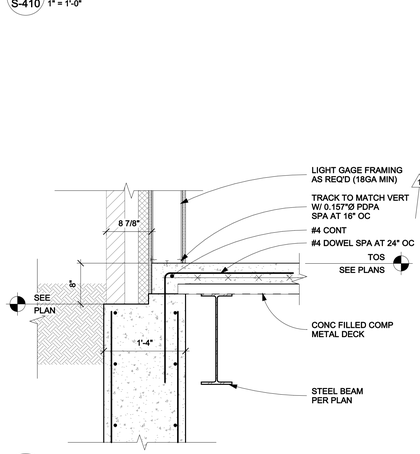
33 COMP FLOOR STEP DETAIL
S-410 1" = 1'-0"



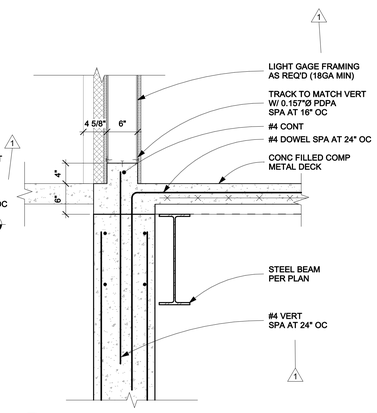
34 WIND BEAM ATTACHMENT
S-410 1 1/2" = 1'-0"



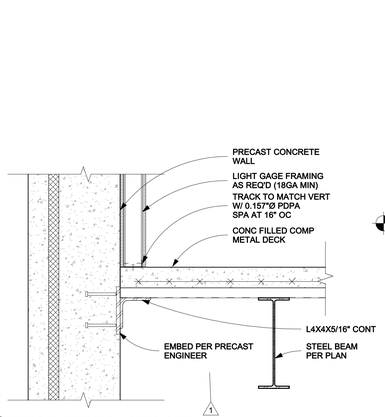
35 TUBE / COL DETAIL
S-410 1 1/2" = 1'-0"



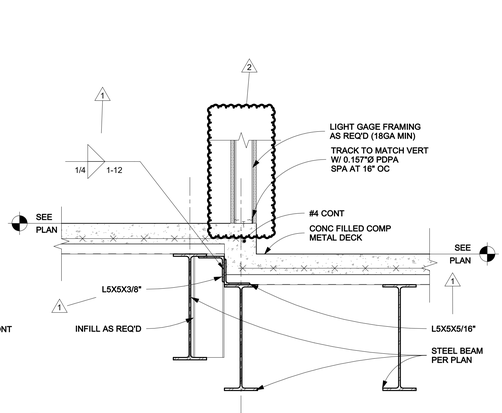
41 FLOOR / DECK BRG DETAIL
S-410 1" = 1'-0"



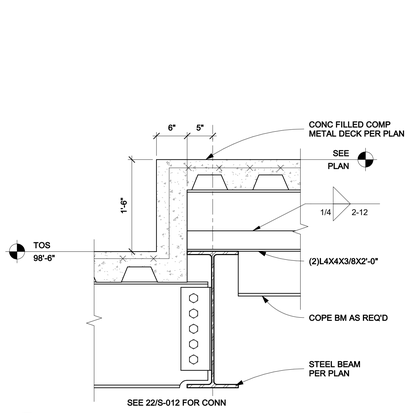
42 SLAB / CONC WALL DETAIL
S-410 1" = 1'-0"



43 DECK / PRECAST CONN
S-410 1" = 1'-0"



44 COMP FLOOR STEP DETAIL
S-410 1" = 1'-0"



45 COMP FLOOR STEP DETAIL
S-410 1" = 1'-0"

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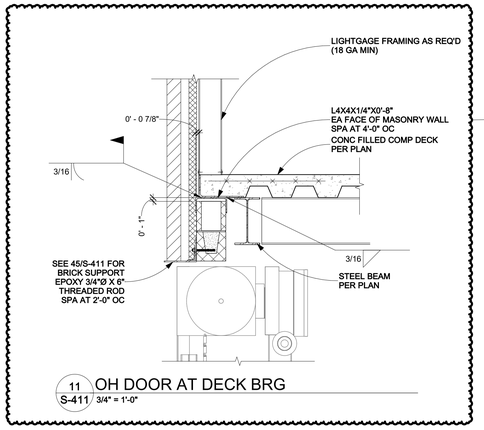
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10/30/24

PROFESSIONAL SEAL

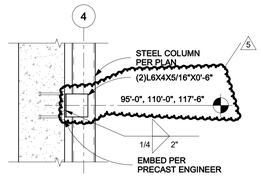
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ISSUE DATE: AUGUST 29, 2024
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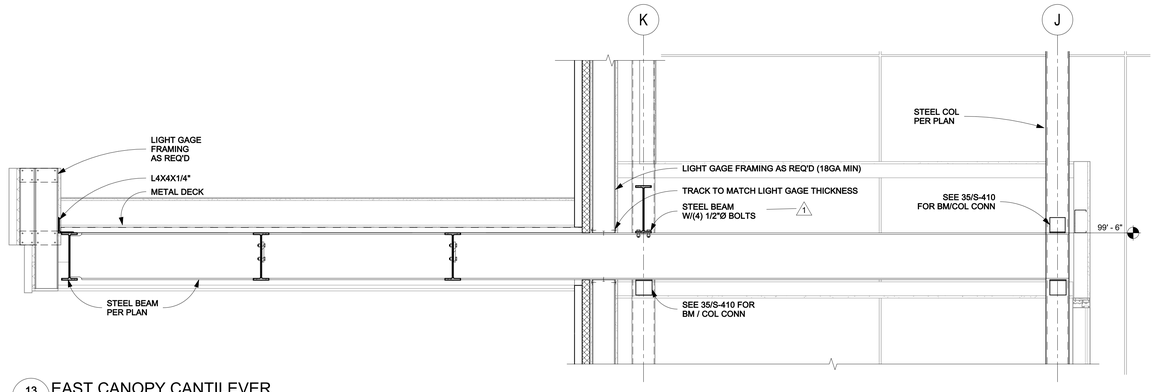
FRAMING DETAILS



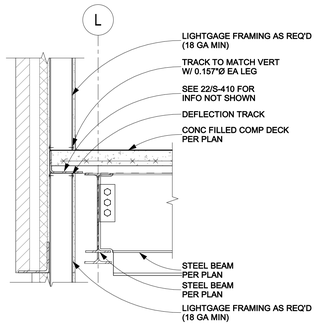
11 OH DOOR AT DECK BRG
S-411 3/4" = 1'-0"



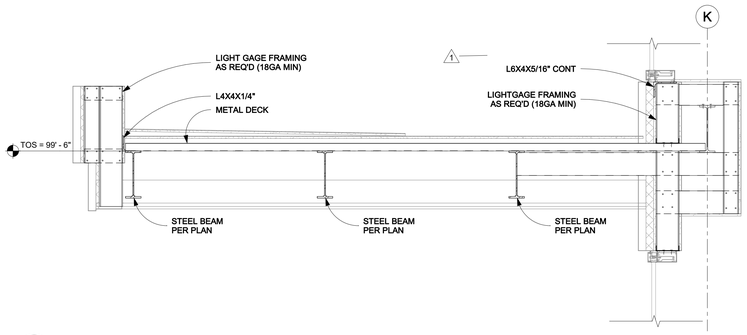
12 COLUMN BRACE AT PRECAST
S-411 3/4" = 1'-0"



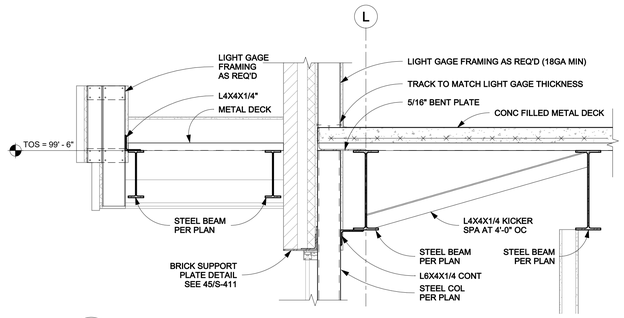
13 EAST CANOPY CANTILEVER
S-411 3/4" = 1'-0"



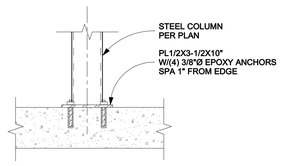
21 DECK EDGE AT LIGHTGAGE
S-411 3/4" = 1'-0"



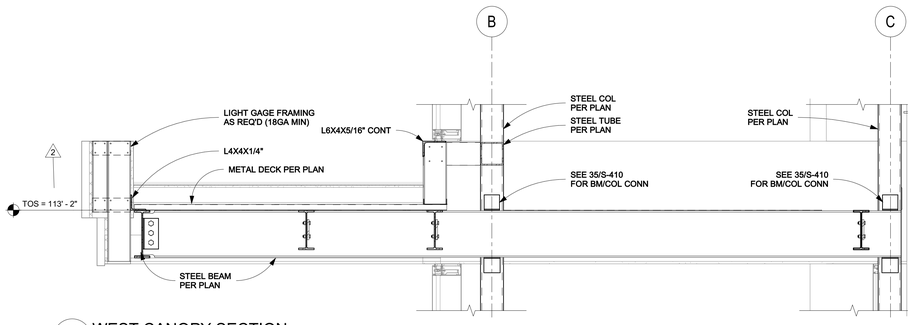
22 EAST CANOPY SECTION
S-411 3/4" = 1'-0"



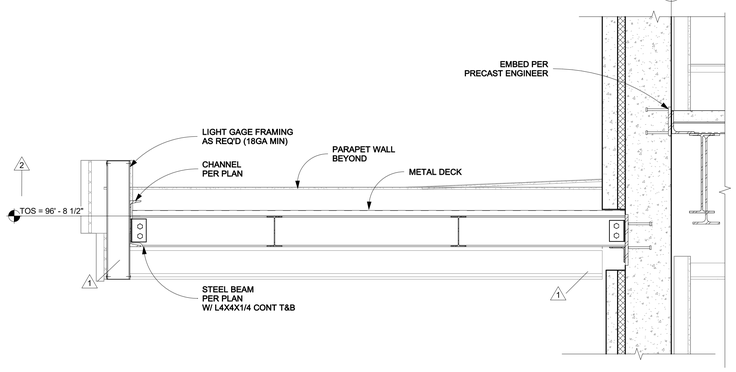
24 EAST CANOPY SECTION
S-411 3/4" = 1'-0"



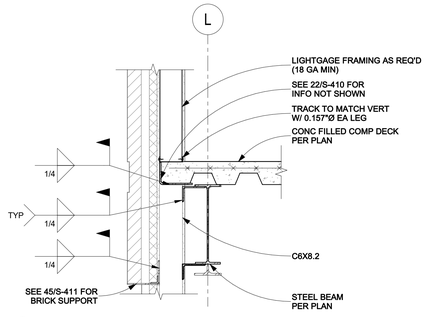
31 OP COL DETAIL
S-411 1" = 1'-0"



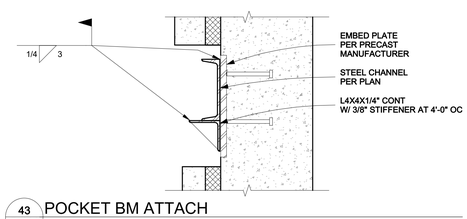
32 WEST CANOPY SECTION
S-411 3/4" = 1'-0"



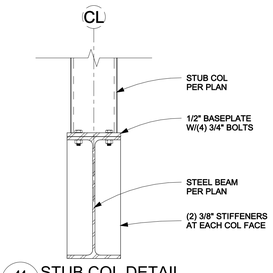
34 PATIO CANOPY SECTION
S-411 3/4" = 1'-0"



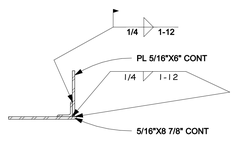
42 DECK BRG / BRICK SUPPORT DETAIL
S-411 3/4" = 1'-0"



43 POCKET BM ATTACH
S-411 1 1/2" = 1'-0"



44 STUB COL DETAIL
S-411 1 1/2" = 1'-0"



45 BRICK SUPPORT PLATE DETAIL
S-411 1 1/2" = 1'-0"

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MO COA: 2009009344

LEE'S SUMMIT JOINT OPERATIONS

PACKAGE 1: SITE AND STRUCTURE

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

REVISION DATES:

1	ADDENDUM #1	9/19/24
2	ADDENDUM #2	10/30/24
5	ASI #1	12/11/24

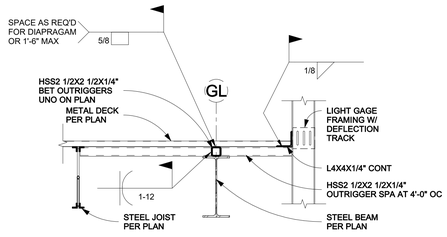
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KIMBERLY
EBERT
JONES
PE-2005029619
PROFESSIONAL ENGINEER
12/11/24

PROFESSIONAL SEAL

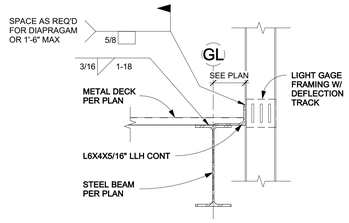
S-411

ISSUE DATE: AUGUST 29, 2024
HOEFER WELKER #: 138161

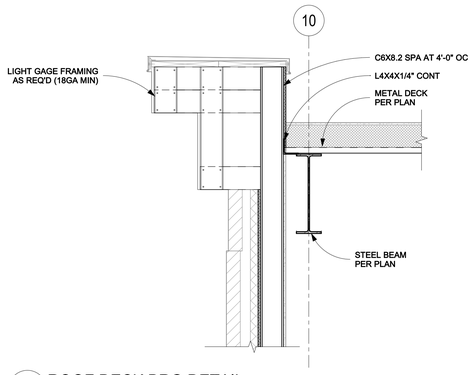
FLOOR FRAMING DETAILS



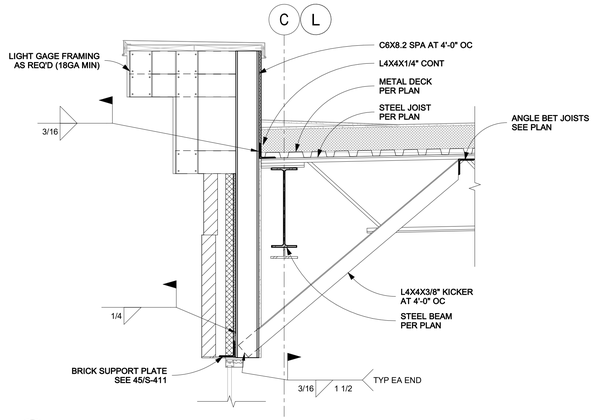
11 S-510 TYP OUTRIGGER DETAIL
3/4" = 1'-0"



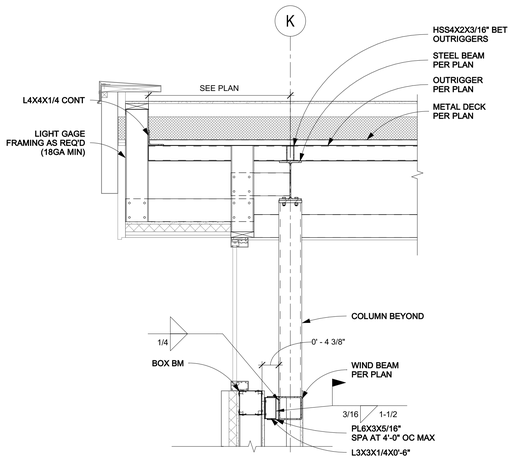
12 S-510 TYP DECK SUPPORT SECTION
1" = 1'-0"



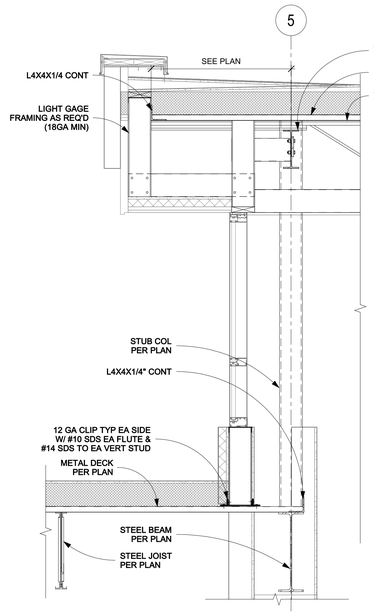
13 S-510 ROOF DECK BRG DETAIL
3/4" = 1'-0"



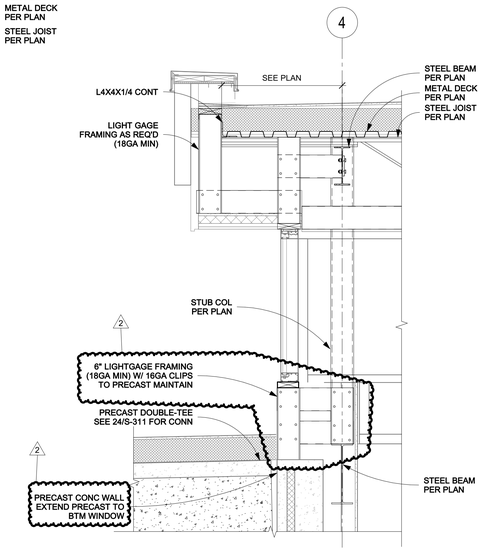
14 S-510 ROOF JOIST BRG DETAIL
3/4" = 1'-0"



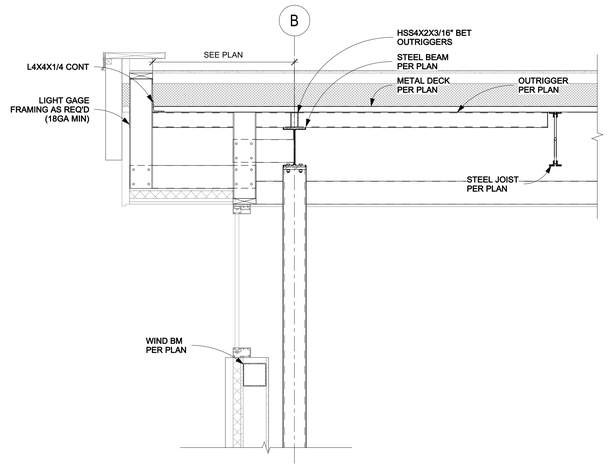
31 S-510 CLERESTORY PLAN EAST
3/4" = 1'-0"



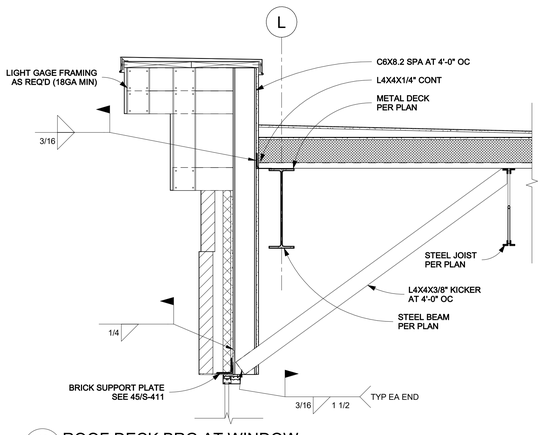
32 S-510 CLERESTORY PLAN NORTH
3/4" = 1'-0"



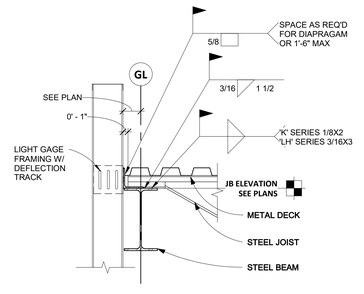
33 S-510 CLERESTORY PLAN SOUTH
3/4" = 1'-0"



34 S-510 CLERESTORY PLAN WEST
3/4" = 1'-0"



43 S-510 ROOF DECK BRG AT WINDOW
3/4" = 1'-0"



44 S-510 TYP JOIST BRG AT LIGHT GAGE
1" = 1'-0"

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LEE'S SUMMIT JOINT OPERATIONS

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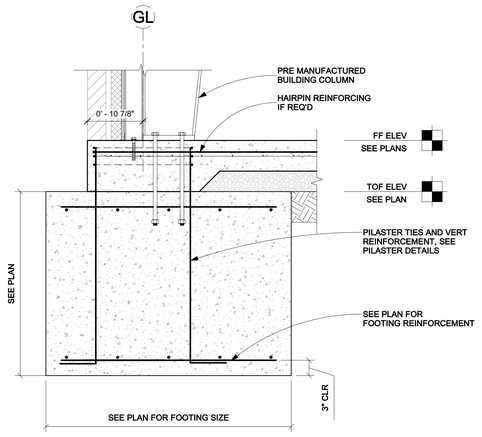
STATE OF MISSOURI
KIMBERLY EBERT JONES
PE-2005029619
PROFESSIONAL ENGINEER
10/30/24

PROFESSIONAL SEAL

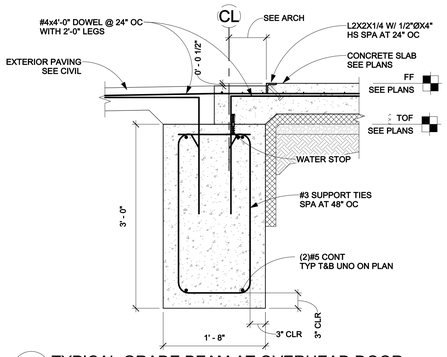
S-510

ISSUE DATE: AUGUST 29, 2024
HOEFER WELKER #: 138161

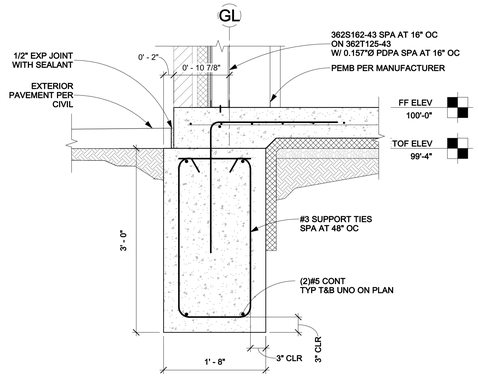
ROOF FRAMING DETAILS



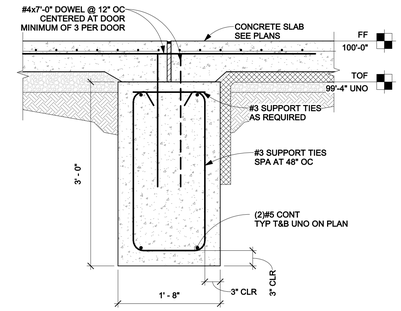
11 S-511 VEHICLE BUILDING PILASTER
1" = 1'-0"



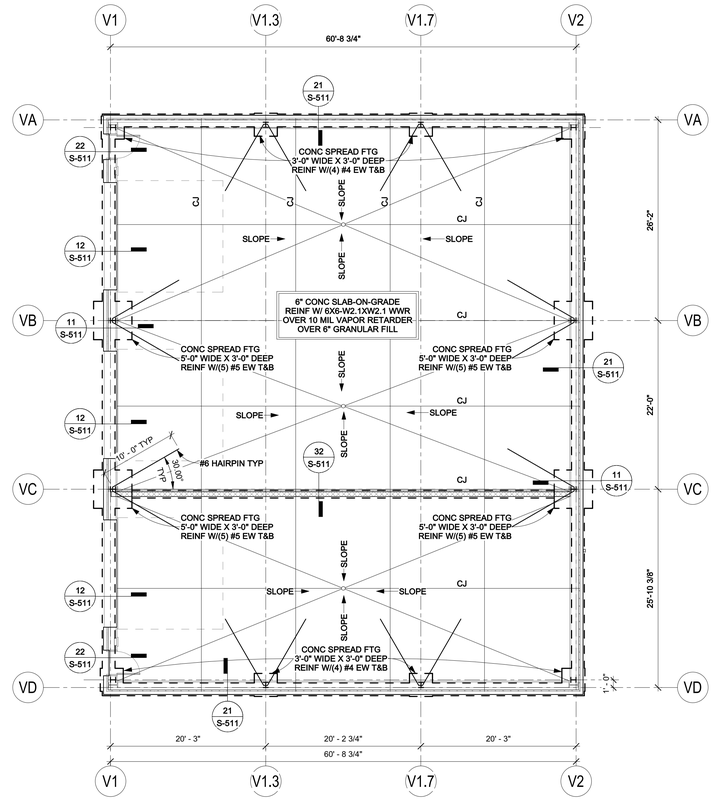
12 S-511 TYPICAL GRADE BEAM AT OVERHEAD DOOR
1" = 1'-0"



21 S-511 TYPICAL FOOTING DETAIL
1" = 1'-0"

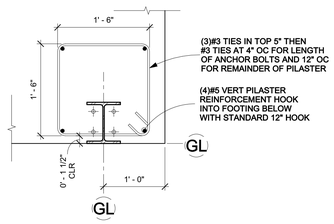


22 S-511 TYP GRADE BEAM AT MAN DOOR
1" = 1'-0"

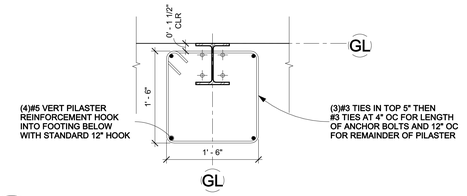


VEHICLE BUILDING FOUNDATION PLAN
1/8" = 1'-0"

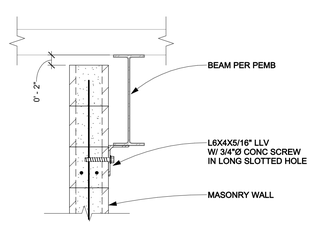
32 S-511 THICKENED SLAB DETAIL
3/4" = 1'-0"



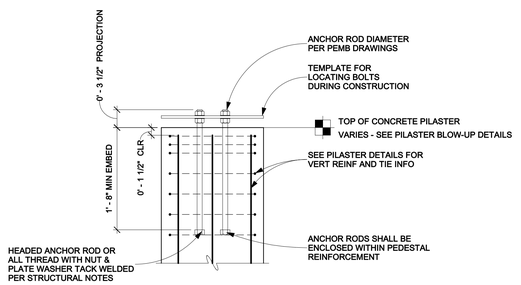
33 S-511 TYPICAL PILASTER AT CORNER DETAIL
1" = 1'-0"



34 S-511 TYPICAL PILASTER DETAIL
1" = 1'-0"



43 S-511 TOP OF MASONRY WALL
1" = 1'-0"



44 S-511 TYPICAL ANCHOR BOLT DETAIL
1" = 1'-0"

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LEE'S SUMMIT JOINT OPERATIONS

PACKAGE 2:
CONSTRUCTION SET

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

REVISION DATES:

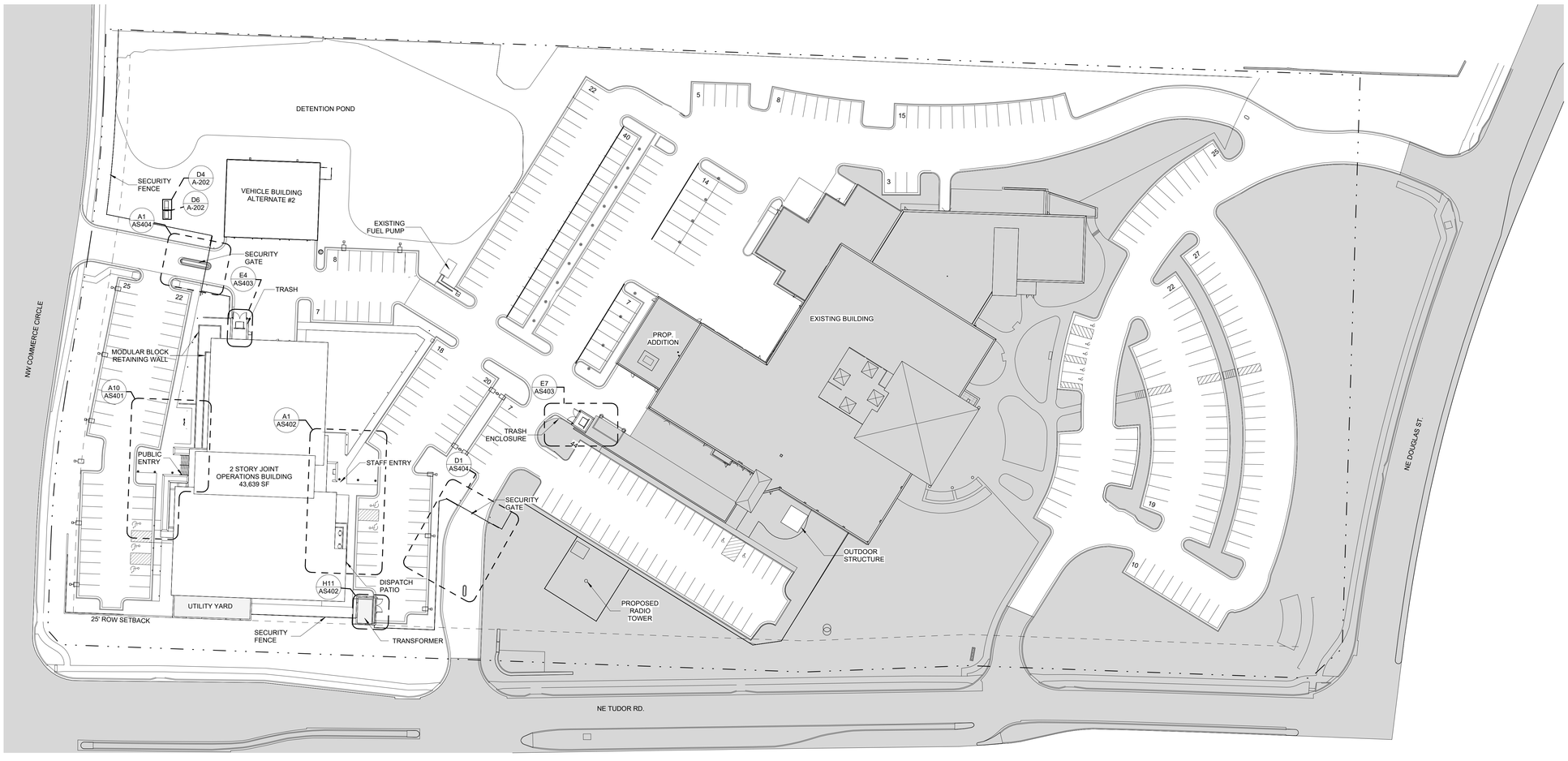


PROFESSIONAL SEAL

S-511

ISSUE DATE: AUGUST 29, 2024
HOEFER WELKER #: 138161

VEHICLE BUILDING PLAN AND DETAILS



A1 ARCHITECTURAL SITE PLAN
1" = 40'-0"

NORTH

GENERAL NOTES - ARCHITECTURAL SITE:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. ARCHITECTURAL ELEVATION 100'-0" = CIVIL ELEVATION 1024.67'.
3. ALL SIDEWALKS SHALL SLOPE 1/4 INCH PER FOOT AWAY FROM THE BUILDING, UNLESS NOTED OTHERWISE.
4. ALL GRADES SHALL SLOPE AWAY FROM THE BUILDING AT 5 PERCENT FOR THE FIRST 10 FT.
5. LOCATIONS AND SIZES OF ALL CONCRETE MECHANICAL AND ELECTRICAL PADS SHALL BE COORDINATED BY THE MECHANICAL AND ELECTRICAL CONTRACTORS, WITH THE SELECTED EQUIPMENT MANUFACTURER / SUPPLIER; AND ARE TO BE APPROVED BY THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.

SITE LEGEND

- AREA NOT IN SCOPE
- PROPERTY LINE

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LEE'S SUMMIT JOINT OPERATIONS FACILITY

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

PACKAGE 2: CONSTRUCTION SET

REVISION DATES:

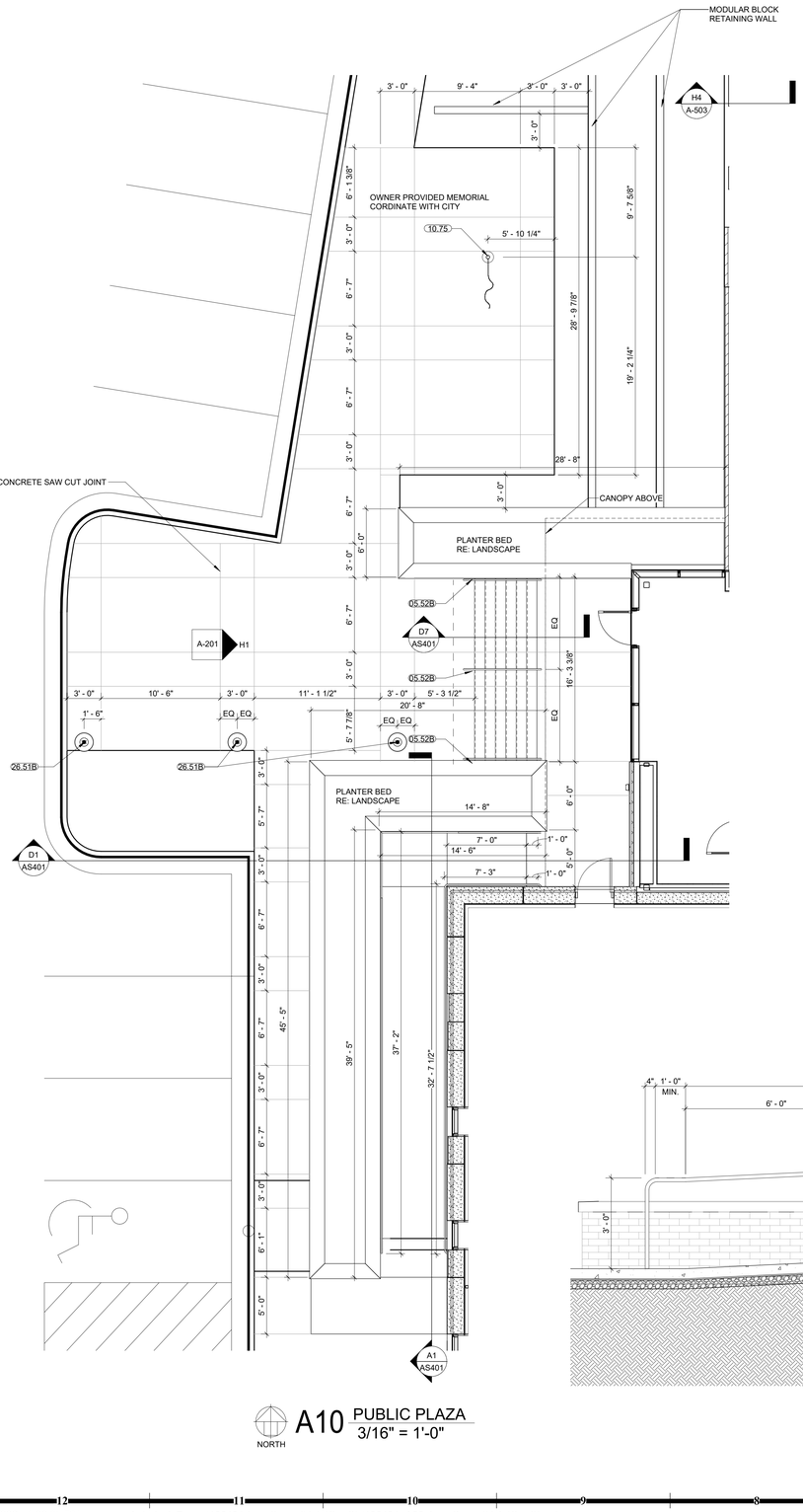
STATE OF MISSOURI
CHRISTOPHER KRUMREI
NUMBER A-2016011211
11/1/24
ARCHITECT

PROFESSIONAL SEAL

AS101

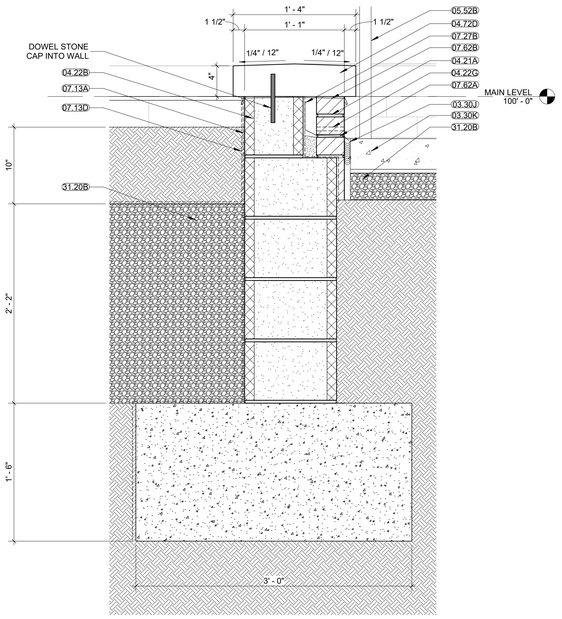
ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

SITE PLAN

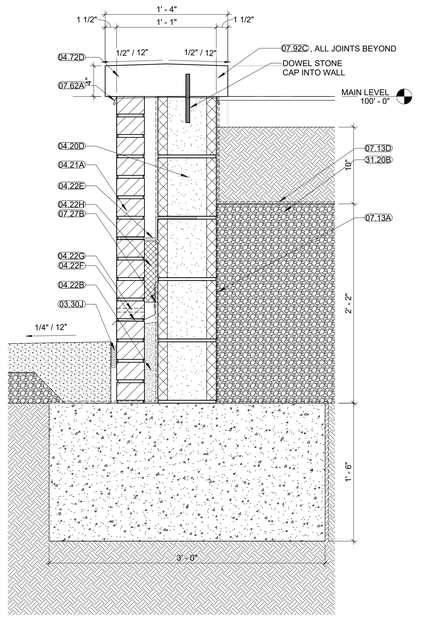


A10 PUBLIC PLAZA
3/16" = 1'-0"

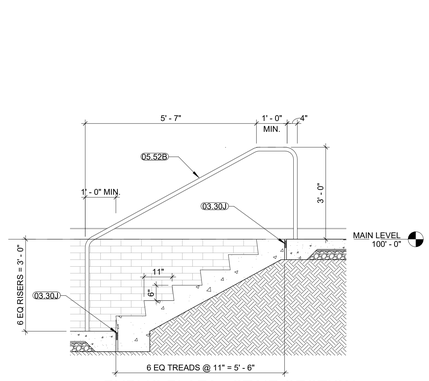
NORTH



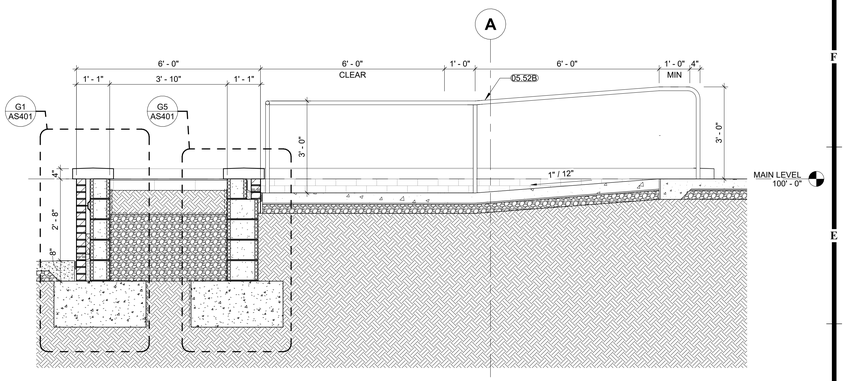
G5 PLANTER SECTION @ RAMP
1 1/2" = 1'-0"



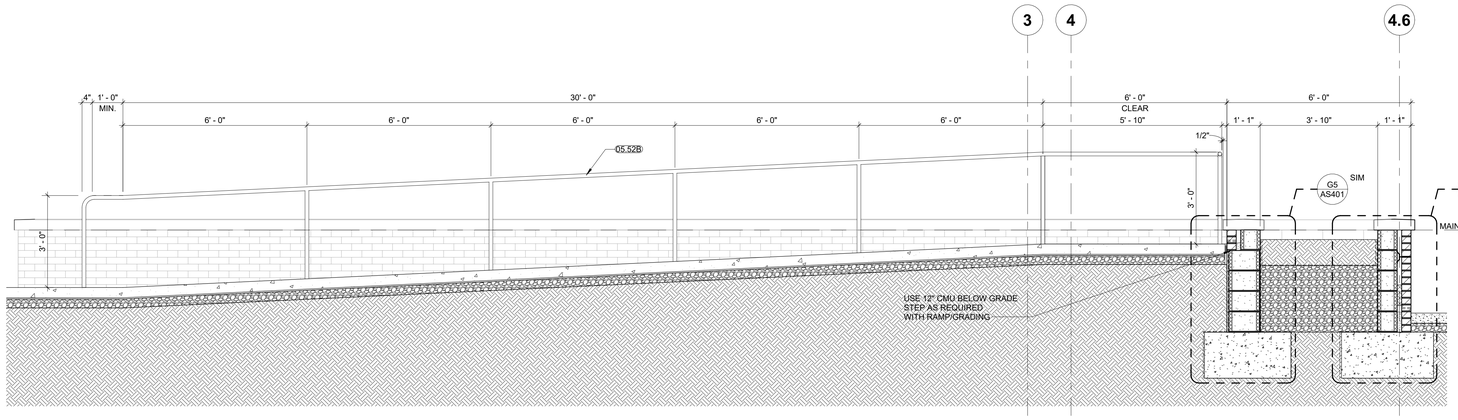
G1 PLANTER SECTION
1 1/2" = 1'-0"



D7 PUBLIC PLAZA - STAIR SECTION
1/2" = 1'-0"



D1 PUBLIC PLAZA - RAMP SECTION
1/2" = 1'-0"



A1 PUBLIC PLAZA - RAMP SECTION
1/2" = 1'-0"

GENERAL NOTES - ARCHITECTURAL SITE:

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MATERIAL KEYNOTES

03.30J	1/2-INCH COMPRESSIBLE JOINT FILLER (HOLD DOWN TOP 1/2-INCH - FILL W/ SEALANT.)
03.30K	UNDER-SLAB VAPOR RETARDER
04.20D	CONCRETE MASONRY UNIT (CMU) - 7 5/8 INCH
04.21A	FACE BRICK
04.22B	GROUT SOLID - MASONRY CELLS
04.22E	TIES AND ANCHORS
04.22F	THROUGH-WALL MEMBRANE FLASHING WITH METAL DRIP EDGE
04.22G	WEEP VENTS @ 24-INCH O.C.
04.22H	CAVITY DRAINAGE MATERIAL (MORTAR NET)
04.72D	CAST STONE WALL CAP
05.52B	STAINLESS STEEL PIPE/ TUBE RAILING
07.13A	SELF-ADHEARING SHEET WATERPROOFING MEMBRANE
07.13D	FILTER FABRIC
07.27B	FLUID-APPLIED MEMBRANE AIR BARRIER
07.62A	PREFINISHED SHEET METAL FLASHING
07.62B	PREFINISHED METAL SILL FLASHING
07.92C	BACKER ROD AND SEALANT
10.75	FLAGPOLE
26.51B	EXTERIOR LIGHT FIXTURE RE: ELECTRICAL
31.20B	GRANULAR FILL

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LEE'S SUMMIT JOINT OPERATIONS FACILITY

PACKAGE 2: CONSTRUCTION SET

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

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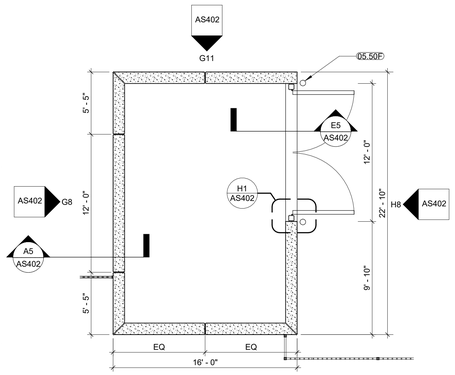
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CHRISTOPHER KRUMREI
NUMBER A-2016013211
ARCHITECT
11/1/24

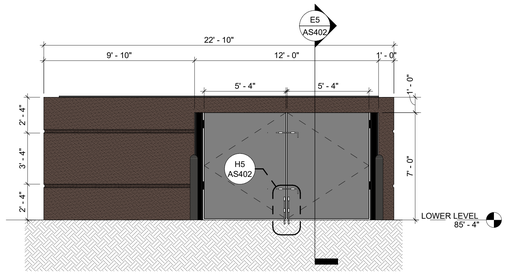
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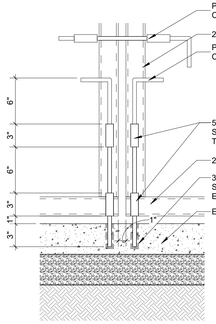
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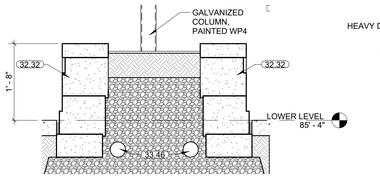
ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

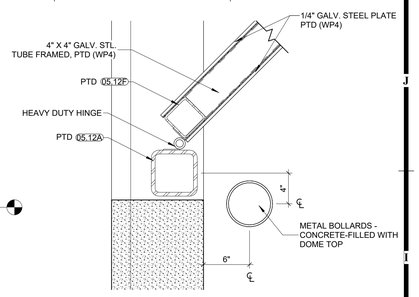
SITE DETAILS



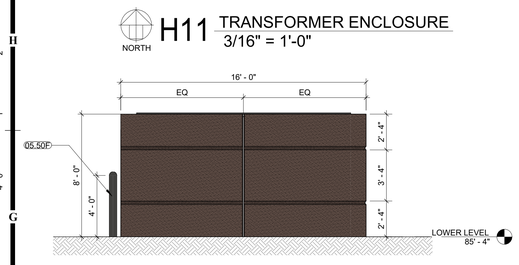








H11 TRANSFORMER ENCLOSURE
3/16" = 1'-0"



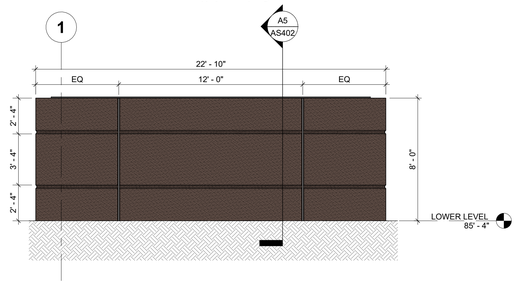
H8 TRANSFORMER ENCLOSURE - EAST
1/4" = 1'-0"

H5 GATE CLOSURE DETAIL @ TRANSFORMER
1 1/2" = 1'-0"

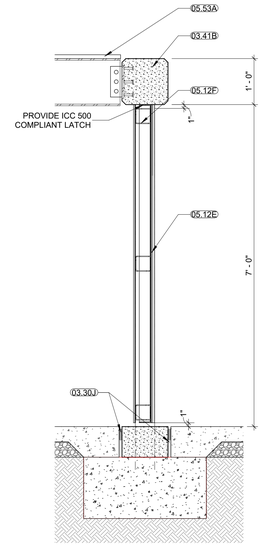
H3 MODULAR BLOCK
3/4" = 1'-0"

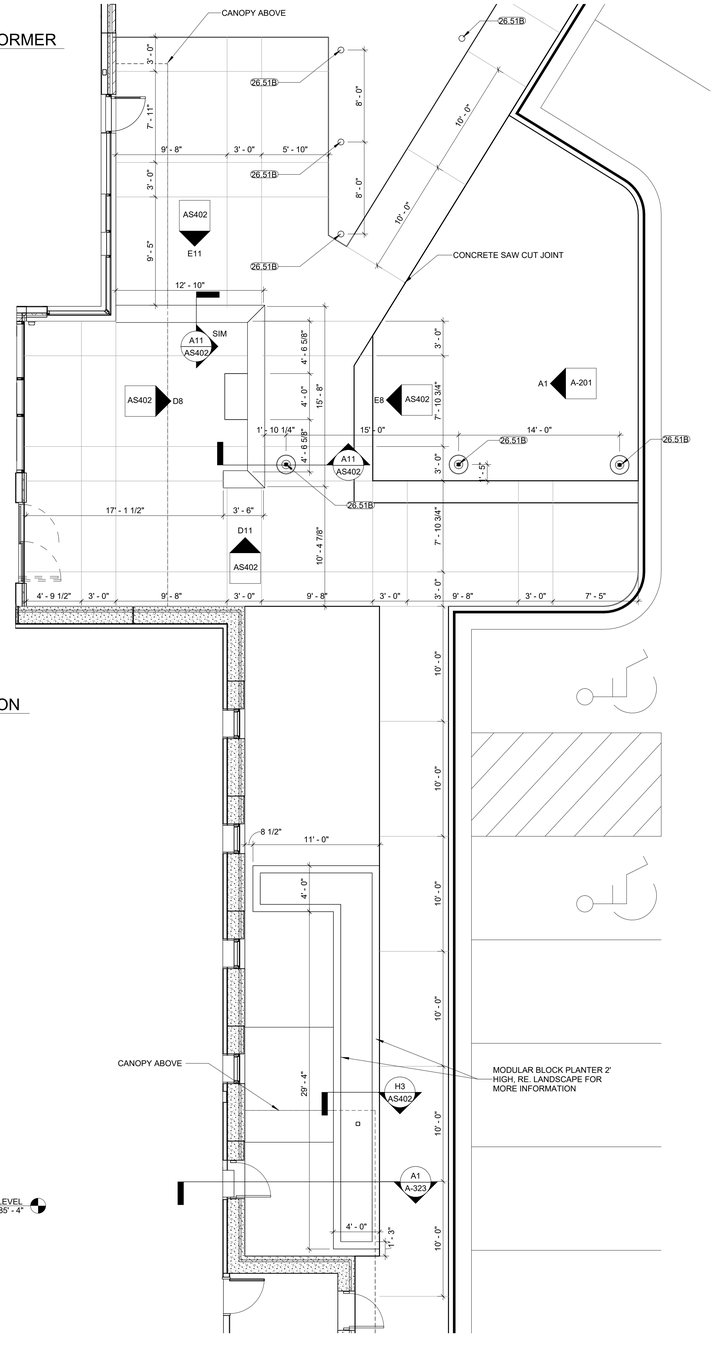
H1 HEAVY DUTY GATE JAMB @ TRANSFORMER
1 1/2" = 1'-0"

G11 TRANSFORMER ENCLOSURE - NORTH
1/4" = 1'-0"

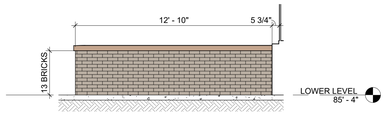


G8 TRANSFORMER ENCLOSURE - WEST
1/4" = 1'-0"

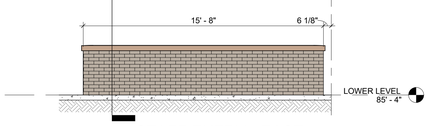




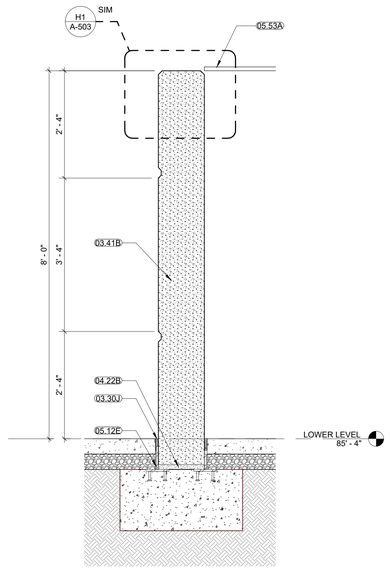
E11 STAFF ENTRY - NORTH
1/4" = 1'-0"



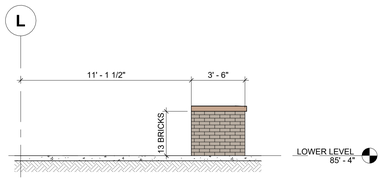
E8 STAFF ENTRY - EAST
1/4" = 1'-0"



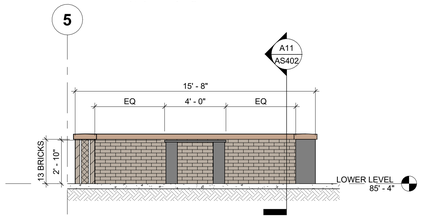
E5 TRANSFORMER ENCLOSURE - GATE SECTION
3/4" = 1'-0"



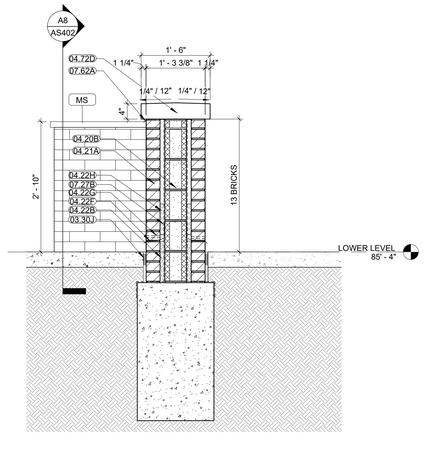
D11 STAFF ENTRY - SOUTH
1/4" = 1'-0"



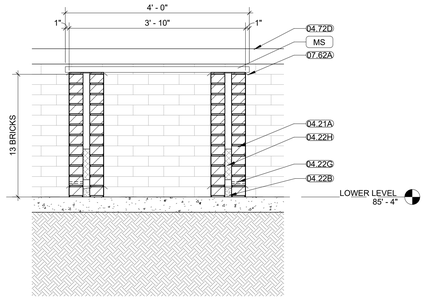
D8 STAFF ENTRY - WEST
1/4" = 1'-0"



A11 STAFF ENTRY - SECTION
3/4" = 1'-0"



A8 STAFF ENTRY - COUNTERTOP SECTION
3/4" = 1'-0"



A5 TRANSFORMER ENCLOSURE - SECTION
3/4" = 1'-0"

A1 STAFF PLAZA
3/16" = 1'-0"

NORTH

GENERAL NOTES - ARCHITECTURAL SITE:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. ARCHITECTURAL ELEVATION 100'-0" = CIVIL ELEVATION 1024.67'.
3. ALL SIDEWALKS SHALL SLOPE 1/4 INCH PER FOOT AWAY FROM THE BUILDING, UNLESS NOTED OTHERWISE.
4. ALL GRADES SHALL SLOPE AWAY FROM THE BUILDING AT 5 PERCENT FOR THE FIRST 10 FT.
5. LOCATIONS AND SIZES OF ALL CONCRETE MECHANICAL AND ELECTRICAL PADS SHALL BE COORDINATED BY THE MECHANICAL AND ELECTRICAL CONTRACTORS, WITH THE SELECTED EQUIPMENT MANUFACTURER / SUPPLIER; AND ARE TO BE APPROVED BY THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.

GENERAL NOTES - EXTERIOR ELEVATIONS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. DIMENSIONS SHOWN ON THE EXTERIOR ELEVATIONS ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS OTHERWISE NOTED OR INDICATED.
3. RE: THE WINDOW TYPES SHEET FOR ALL EXTERIOR WINDOW TYPES AND GLASS TYPES.
4. ALL EXPOSED STEEL INCLUDING COLUMNS AND LINTELS TO BE PAINTED WP4
5. ALL SEALANT JOINTS TO MATCH ADJACENT FINISH, TYP.
6. ALL EXTERIOR DOORS TO BE PAINTED WP4.
7. METAL COPINGS TO MATCH METAL PANEL.

GENERAL NOTES – EXTERIOR WALL SECTIONS/ DETAILS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: FLOOR PLANS, ROOF PLAN AND ELEVATIONS FOR SECTION CUT LOCATIONS.
3. ALL WINDOW AND DOOR OPENING DIMENSIONS ARE ROUGH OPENING DIMENSIONS, UNLESS NOTED OTHERWISE.
4. DIMENSIONS SHOWN ON THE WALL SECTIONS ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
5. PAINT ALL EXPOSED STEEL, INCLUDING STEEL LINTELS, ETC. (TYP.)

MATERIAL KEYNOTES

03.30J	1/2-INCH COMPRESSIBLE JOINT FILLER (HOLD DOWN TOP 1/2-INCH - FILL W/ SEALANT.)
03.41B	PRECAST CONCRETE WALL
04.20B	CONCRETE MASONRY UNIT (CMU) - 3 5/8 INCH
04.21A	FACE BRICK
04.22B	GROUT SOLID - MASONRY CELLS
04.22F	THROUGH-WALL MEMBRANE FLASHING WITH METAL DRIP EDGE
04.22G	WEEP VENTS @ 24-INCH O.C.
04.22H	CAVITY DRAINAGE MATERIAL (MORTAR NET)
04.72D	CAST STONE WALL CAP
05.12A	STEEL COLUMN
05.12E	STEEL PLATE
05.12F	STEEL TUBE
05.50F	METAL BOLLARDS - CONCRETE-FILLED WITH DOME TOP
05.53A	METAL GRATING
07.27B	FLUID-APPLIED MEMBRANE AIR BARRIER
07.62A	PREFINISHED SHEET METAL FLASHING
26.51B	EXTERIOR LIGHT FIXTURE RE: ELECTRICAL
32.32	SEGMENTAL RETAINING WALL
33.46	FOUNDATION DRAINAGE

EXTERIOR ELEVATION MATERIALS

- BRICK - RUNNING BOND - ENDICOTT- COLOR MEDIUM IRONSPOT 46 VELOUR
- BRICK - RUNNING BOND - INTERSTATE BRICK - COLOR ASH
- PRECAST PANEL, COLOR TAN, ACID ETCH FINISH (USE WHITE PORTALND CEMENT)
- PRECAST PANEL, COLOR MEDIUM BROWN, HEAVY RETARDANT FINISH
- PRECAST PANEL WITH COLOR TREATMENT, LIGHT SANDBLAST FINISH, COLOR NWW004 CHARCOAL
- IGU - BOD: VIRACON VRE26-38.
- COMPOSITE METAL PANEL, COLOR SUNSHINE GRAY
- MODULAR BLOCK RETAINING WALL

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PACKAGE 2: CONSTRUCTION SET

2 NE TUDOR RD
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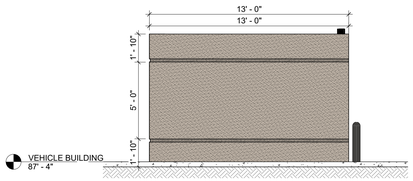
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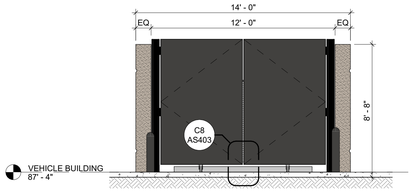
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ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

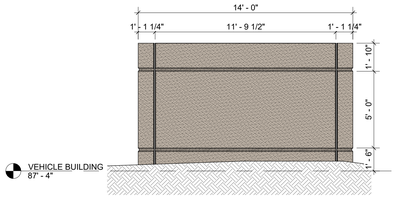
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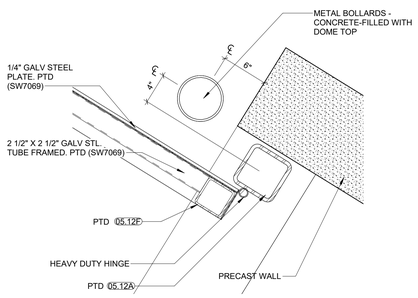
J10 TRASH ENCLOSURE @ POLICE BUILDING - SOUTH
1/4" = 1'-0"



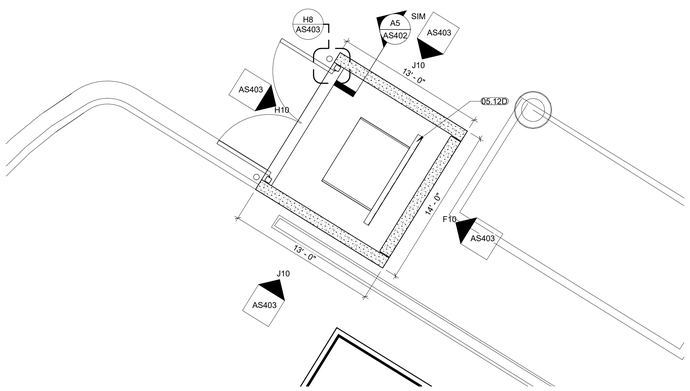
H10 TRASH ENSCLOSURE @ POLICE BUILDING - EAST
1/4" = 1'-0"



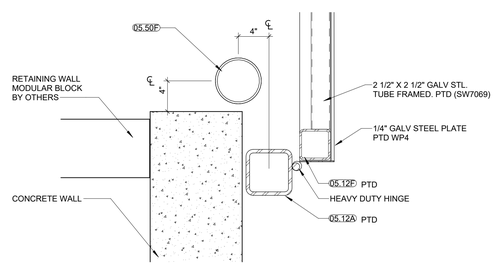
F10 TRASH ENCLOSURE @ POLICE BUILDING - WEST
1/4" = 1'-0"



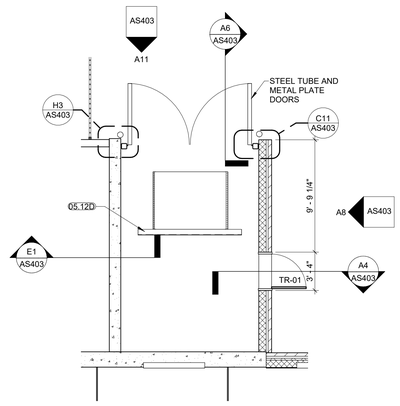
H8 HEAVY DUTY GATE JAMB - PRECAST
1 1/2" = 1'-0"



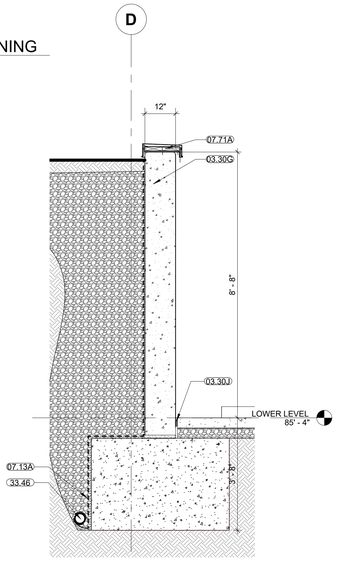
E7 TRASH ENCLOSURE @ POLICE ADDITION
3/16" = 1'-0"
NORTH



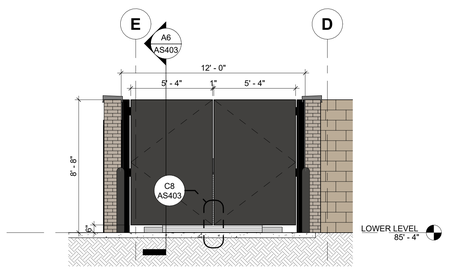
H3 HEAVY DUTY GATE JAMB - RETAINING
1 1/2" = 1'-0"



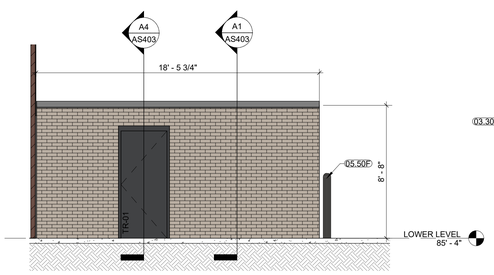
E4 TRASH ENCLOSURE
3/16" = 1'-0"
NORTH



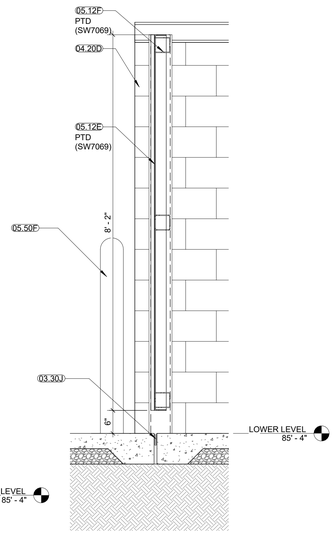
E1 CONCRETE WALL SECTION
1/2" = 1'-0"



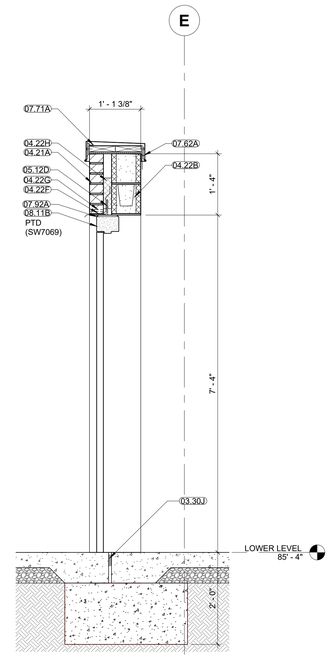
A11 TRASH ENCLOSURE - NORTH
1/4" = 1'-0"



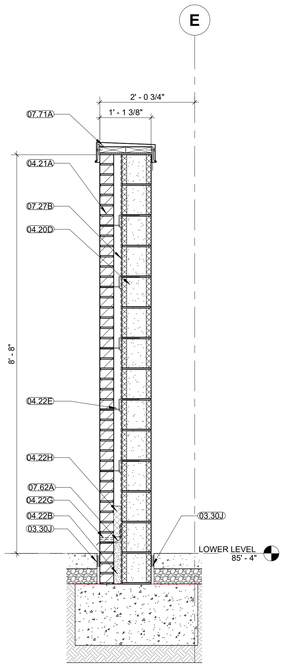
A8 TRASH ENCLOSURE - EAST
1/4" = 1'-0"



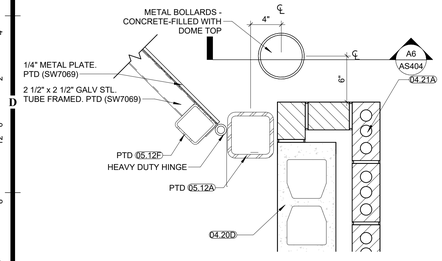
A6 TRASH ENCLOSURE - SECTION
3/4" = 1'-0"



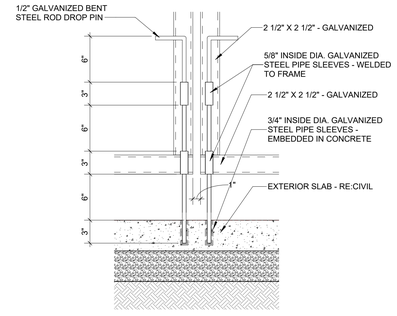
A4 TRASH ENCLOSURE - SECTION
3/4" = 1'-0"



A1 BRICK WALL SECTION
3/4" = 1'-0"



C11 HEAVY DUTY GATE JAMB - CMU
1 1/2" = 1'-0"



C8 GATE CLOSURE DETAIL
1 1/2" = 1'-0"

GENERAL NOTES - ARCHITECTURAL SITE:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. ARCHITECTURAL ELEVATION 100'-0" = CIVIL ELEVATION 1024.67'.
3. ALL SIDEWALKS SHALL SLOPE 1/4 INCH PER FOOT AWAY FROM THE BUILDING, UNLESS NOTED OTHERWISE.
4. ALL GRADES SHALL SLOPE AWAY FROM THE BUILDING AT 5 PERCENT FOR THE FIRST 10 FT.
5. LOCATIONS AND SIZES OF ALL CONCRETE MECHANICAL AND ELECTRICAL PADS SHALL BE COORDINATED BY THE MECHANICAL AND ELECTRICAL CONTRACTORS, WITH THE SELECTED EQUIPMENT MANUFACTURER / SUPPLIER; AND ARE TO BE APPROVED BY THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.

GENERAL NOTES - EXTERIOR ELEVATIONS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. DIMENSIONS SHOWN ON THE EXTERIOR ELEVATIONS ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS OTHERWISE NOTED OR INDICATED.
3. RE: THE WINDOW TYPES SHEET FOR ALL EXTERIOR WINDOW TYPES AND GLASS TYPES.
4. ALL EXPOSED STEEL INCLUDING COLUMNS AND LINTELS TO BE PAINTED WP4
5. ALL SEALANT JOINTS TO MATCH ADJACENT FINISH, TYP.
6. ALL EXTERIOR DOORS TO BE PAINTED WP4.
7. METAL COPINGS TO MATCH METAL PANEL.

GENERAL NOTES – EXTERIOR WALL SECTIONS/ DETAILS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: FLOOR PLANS, ROOF PLAN AND ELEVATIONS FOR SECTION CUT LOCATIONS.
3. ALL WINDOW AND DOOR OPENING DIMENSIONS ARE ROUGH OPENING DIMENSIONS, UNLESS NOTED OTHERWISE.
4. DIMENSIONS SHOWN ON THE WALL SECTIONS ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
5. PAINT ALL EXPOSED STEEL, INCLUDING STEEL LINTELS, ETC. (TYP.)

MATERIAL KEYNOTES

03.30G	CONCRETE WALL
03.30J	1/2-INCH COMPRESSIBLE JOINT FILLER (HOLD DOWN TOP 1/2-INCH - FILL W/ SEALANT.)
04.20D	CONCRETE MASONRY UNIT (CMU) - 7 5/8 INCH
04.21A	FACE BRICK
04.22B	GROUT SOLID - MASONRY CELLS
04.22E	TIES AND ANCHORS
04.22F	THROUGH-WALL MEMBRANE FLASHING WITH METAL DRIP EDGE
04.22G	WEEP VENTS @ 24-INCH O.C.
04.22H	CAVITY DRAINAGE MATERIAL (MORTAR NET)
05.12A	STEEL COLUMN
05.12D	STEEL ANGLE
05.12E	STEEL PLATE
05.12F	STEEL TUBE
05.50F	METAL BOLLARDS - CONCRETE-FILLED WITH DOME TOP
07.13A	SELF-ADHEARING SHEET WATERPROOFING MEMBRANE
07.27B	FLUID-APPLIED MEMBRANE AIR BARRIER
07.62A	PREFINISHED SHEET METAL FLASHING
07.71A	PREFINISHED METAL COPING & CONT. CLEAT
07.92A	JOINT SEALANT
08.11B	HOLLOW METAL FRAME
33.46	FOUNDATION DRAINAGE

EXTERIOR ELEVATION MATERIALS

- BRICK - RUNNING BOND - ENDICOTT- COLOR MEDIUM IRONSPOT 46 VELOUR
- BRICK - RUNNING BOND - INTERSTATE BRICK - COLOR ASH
- PRECAST PANEL, COLOR TAN, ACID ETCH FINISH (USE WHITE PORTALND CEMENT)
- PRECAST PANEL, COLOR MEDIUM BROWN, HEAVY RETARDANT FINISH
- PRECAST PANEL WITH COLOR TREATMENT, LIGHT SANDBLAST FINISH, COLOR NWW004 CHARCOAL
- IGU - BOD: VIRACON VRE26-38.
- COMPOSITE METAL PANEL, COLOR SUNSHINE GRAY
- MODULAR BLOCK RETAINING WALL

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LEE'S SUMMIT JOINT OPERATIONS FACILITY

PACKAGE 2: CONSTRUCTION SET

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

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CHRISTOPHER KRUMREI
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11/1/24

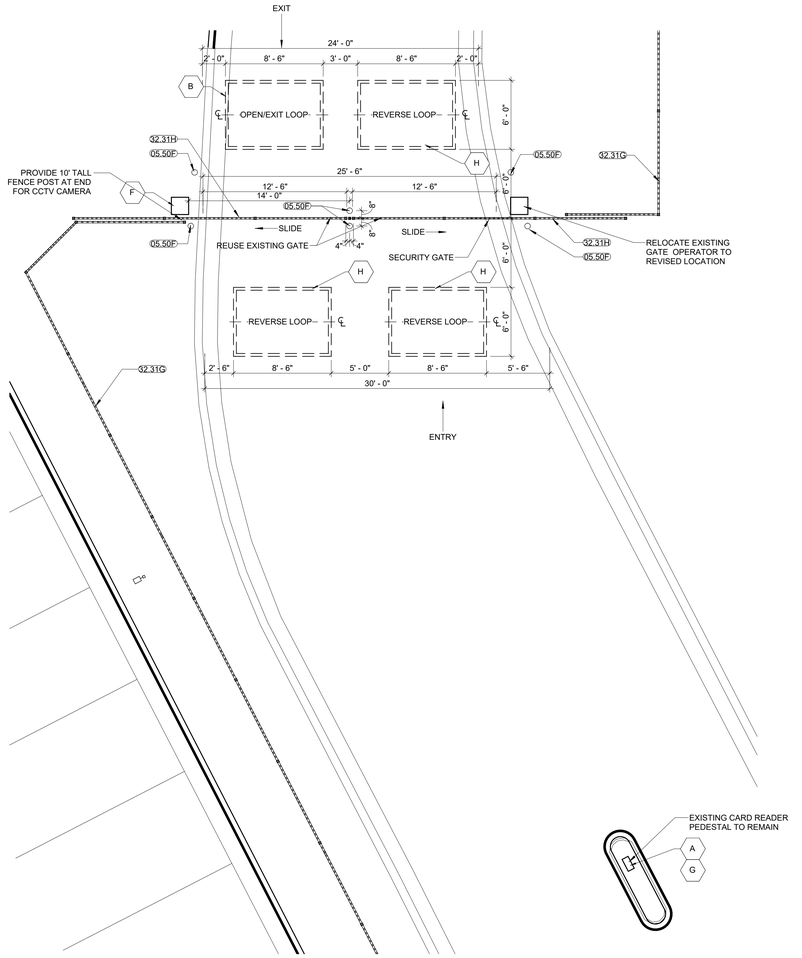
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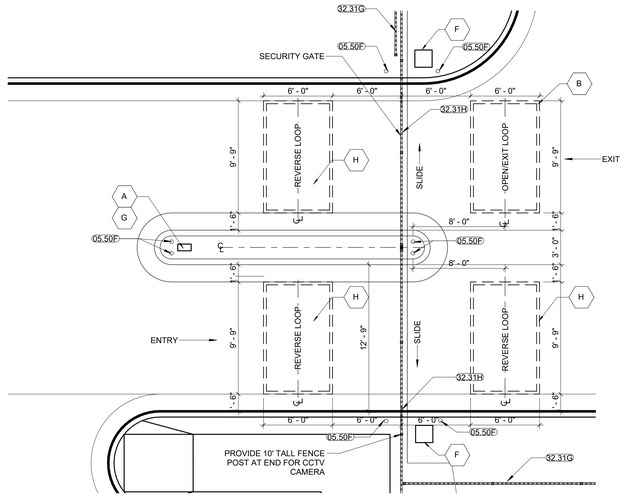
ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

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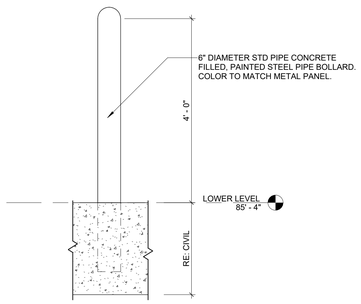
PARKING EQUIPMENT SCHEDULE1					
TYPE	MANUFACTURER	DESCRIPTION	MODEL	FINISH	COMMENT
A	AIPHONE	ENTRY TERMINAL	IS-IPDV	BLACK	REF. MEP
B	HYSECURITY	OPEN/EXIT LOOP	HY5B LOOP DETECTOR	TBD	COORDINATE W/ CONCRETE POUR
F	HYSECURITY	GATE OPERATOR	SLIDESMARTDC HD25	BLACK	COORDINATE W/ OWNER
G	PRO PEDESTAL	PEDESTAL POLE	REF. MEP	BLACK	
H	HYSECURITY	REVERSE LOOP	HY5B LOOP DETECTOR	TBD	COORDINATE W/ CONCRETE POUR



NORTH **D1** SITE GATE @ TUDOR ROAD
3/16" = 1'-0"



NORTH **A1** SITE GATE @ NW COMMERCE CIRCLE
3/16" = 1'-0"



A6 TYP. BOLLARD DETAIL
3/4" = 1'-0"

GENERAL NOTES - ARCHITECTURAL SITE:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. ARCHITECTURAL ELEVATION 100'-0" = CIVIL ELEVATION 1024.67'.
3. ALL SIDEWALKS SHALL SLOPE 1/4 INCH PER FOOT AWAY FROM THE BUILDING, UNLESS NOTED OTHERWISE.
4. ALL GRADES SHALL SLOPE AWAY FROM THE BUILDING AT 5 PERCENT FOR THE FIRST 10 FT.
5. LOCATIONS AND SIZES OF ALL CONCRETE MECHANICAL AND ELECTRICAL PADS SHALL BE COORDINATED BY THE MECHANICAL AND ELECTRICAL CONTRACTORS, WITH THE SELECTED EQUIPMENT MANUFACTURER / SUPPLIER; AND ARE TO BE APPROVED BY THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.

MATERIAL KEYNOTES	
05.50F	METAL BOLLARDS - CONCRETE-FILLED WITH DOME TOP
32.31G	DECORATIVE METAL FENCING
32.31H	DECORATIVE METAL GATE

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PACKAGE 2: CONSTRUCTION SET

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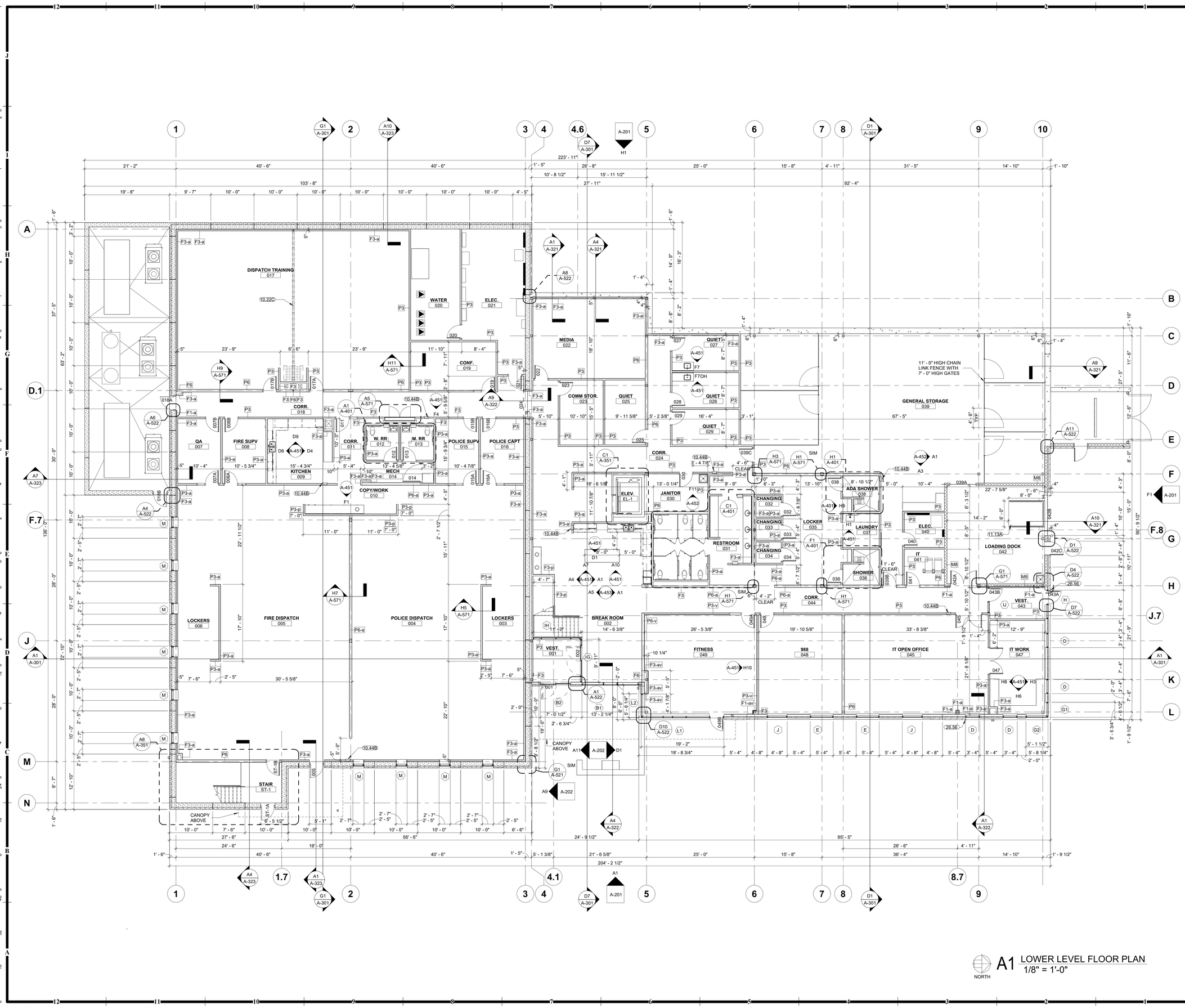
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ARCHITECT

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ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

SITE DETAILS



GENERAL NOTES - FLOOR PLANS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. ARCHITECTURAL ELEVATION 100'-0" = CIVIL ELEVATION 1024.67
3. DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
4. FOR METAL STUD CONSTRUCTION DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF GYP. BOARD/ WALL (FOG), UNLESS NOTED OR SHOWN OTHERWISE.
5. NOTE: WALL THICKNESSES ARE ACTUAL DIMENSIONS.
6. DOOR OPENINGS NOT LOCATED BY DIMENSION SHALL BE CENTERED IN WALL SHOWN OR LOCATED 4 INCHES FROM FINISH WALL TO OUTSIDE FACE OF DOOR FRAME - HINGE SIDE, ALWAYS ALLOWING A MINIMUM OF 18" FROM THE PULL SIDE (STRIKE SIDE) OF THE DOOR TO THE INTERSECTING WALL, OR OTHER PROTRUDING OBJECTS.
7. ALL CLOSETS AND ALCOVES WITHOUT A SPACE IDENTIFICATION NUMBER SHALL HAVE THE SAME FINISHES AS THE ADJOINING SPACES.
8. ALL PUBLIC SPACES: THE WALLS WILL BE FINISHED WITH 5/8" GYP. BD. TO A LEVEL 4 FINISH AND PAINTED, UNLESS NOTED OR SPECIFIED OTHERWISE.
9. RE: FINISH LEGEND, AND SPECIFICATIONS FOR DOOR AND DOOR FRAME FINISHES.
10. ALL EXPOSED STEEL INCLUDING COLUMNS TO BE PAINTED WP4

MATERIAL KEYNOTES

10.22C	OPERABLE PARTITION
10.44B	SEMI-RECESSED FIRE EXTINGUISHER CABINET
11.13A	LOADING DOCK LIFT
26.56	EXTERIOR LIGHT FIXTURE

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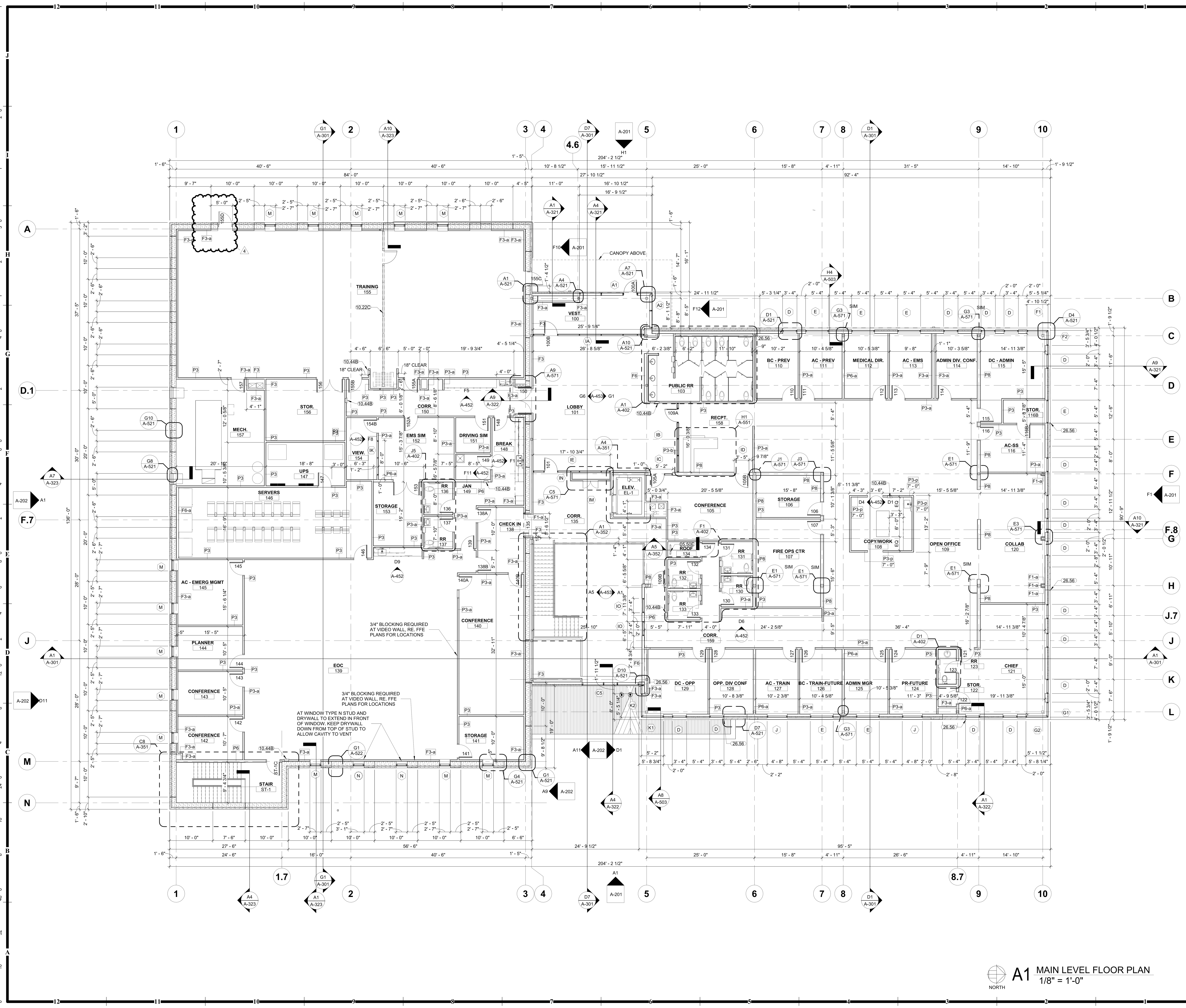
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A-101

ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

LOWER LEVEL - FLOOR PLAN



GENERAL NOTES - FLOOR PLANS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. ARCHITECTURAL ELEVATION 100'-0" = CIVIL ELEVATION 1024.67'
3. DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
4. FOR METAL STUD CONSTRUCTION DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF GYP. BOARD/ WALL (FOG), UNLESS NOTED OR SHOWN OTHERWISE.
5. NOTE: WALL THICKNESSES ARE ACTUAL DIMENSIONS.
6. DOOR OPENINGS NOT LOCATED BY DIMENSION SHALL BE CENTERED IN WALL SHOWN OR LOCATED 4 INCHES FROM FINISH WALL TO OUTSIDE FACE OF DOOR FRAME - HINGE SIDE, ALWAYS ALLOWING A MINIMUM OF 18" FROM THE PULL SIDE (STRIKE SIDE) OF THE DOOR TO THE INTERSECTING WALL, OR OTHER PROTRUDING OBJECTS.
7. ALL CLOSETS AND ALCOVES WITHOUT A SPACE IDENTIFICATION NUMBER SHALL HAVE THE SAME FINISHES AS THE ADJOINING SPACES.
8. ALL PUBLIC SPACES: THE WALLS WILL BE FINISHED WITH 5/8" GYP. BD. TO A LEVEL 4 FINISH AND PAINTED, UNLESS NOTED OR SPECIFIED OTHERWISE.
9. RE: FINISH LEGEND, AND SPECIFICATIONS FOR DOOR AND DOOR FRAME FINISHES.
10. ALL EXPOSED STEEL INCLUDING COLUMNS TO BE PAINTED WP4

MATERIAL KEYNOTES

05.50E	METAL LADDERS
10.22C	OPERABLE PARTITION
10.44B	SEMI-RECESSED FIRE EXTINGUISHER CABINET
26.56	EXTERIOR LIGHT FIXTURE

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PACKAGE 2: CONSTRUCTION SET

REVISION DATES:

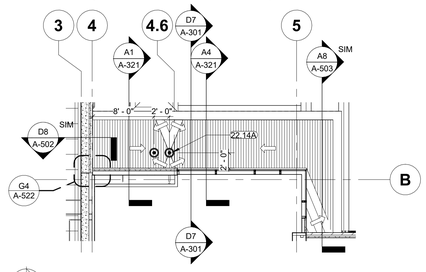
4	ADDENDUM 4	11/26/2024

PROFESSIONAL SEAL

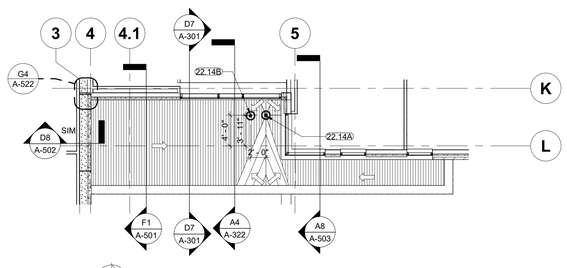
A-102

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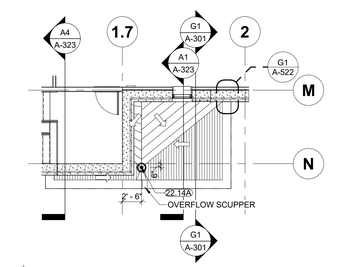
MAIN LEVEL - FLOOR PLAN



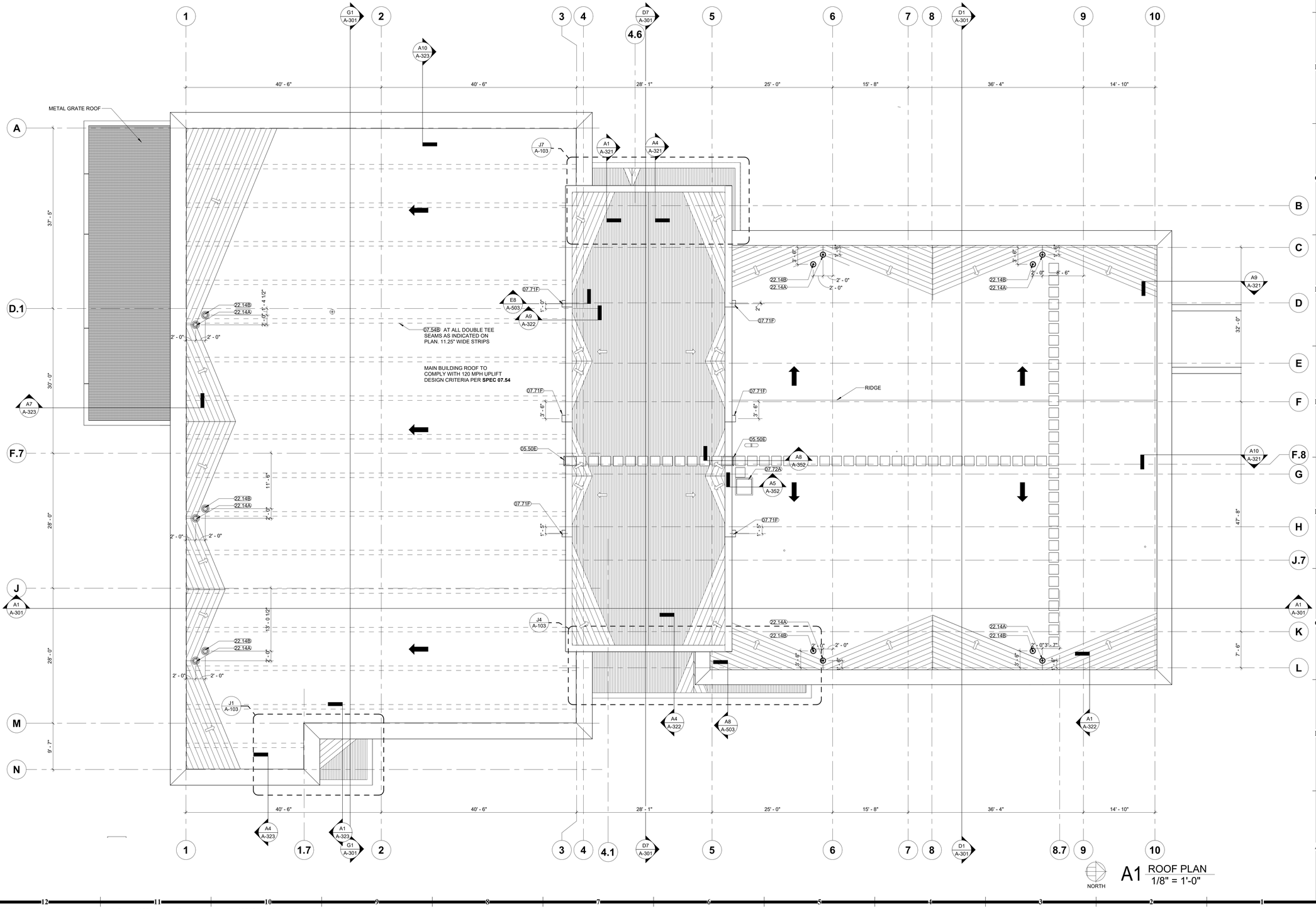
NORTH J7 ROOF PLAN - PUBLIC ENTRY CANOPY
1/8" = 1'-0"



NORTH J4 ROOF PLAN - STAFF ENTRY CANOPY
1/8" = 1'-0"



NORTH J1 ROOF PLAN - DISPATCH CANOPY
1/8" = 1'-0"



NORTH A1 ROOF PLAN
1/8" = 1'-0"

GENERAL NOTES - ROOF PLANS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. DIMENSIONS SHOWN ON THE ROOF PLAN ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
3. PROVIDE 1/2" / FT. TAPERED INSULATION AT ALL ROOF CURBS AND AT EQUIPMENT WHICH EXCEEDS 18 INCHES IN WIDTH.

ROOF PLAN LEGEND

- SLOPED STRUCTURE
- TAPERED INSULATION 1/4" PER FOOT
- TAPERED INSULATION 1/2" PER FOOT
- METAL GRATE ROOF
- ROOF WALKING PAD
- PRE-MANUFACTURED METAL BUILDING ROOF

MATERIAL KEYNOTES

05.50E	METAL LADDERS
07.54B	VAPOR BARRIER MEMBRANE
07.71F	PREFINISHED METAL SCUPPER BOX
07.72A	ROOF HATCH 36" X 36"
22.14A	ROOF DRAIN
22.14B	OVERFLOW ROOF DRAIN

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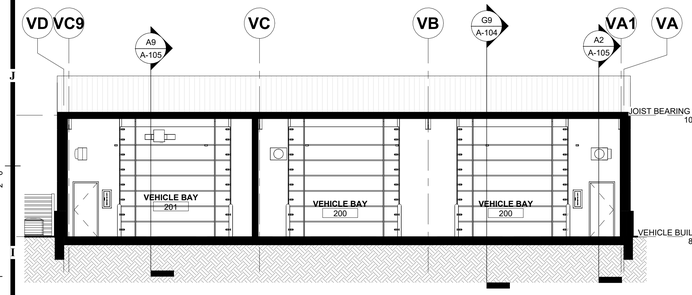
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PROFESSIONAL SEAL

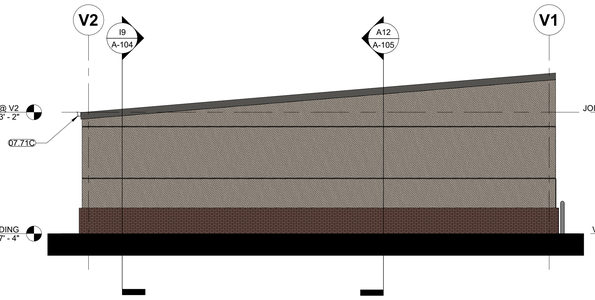
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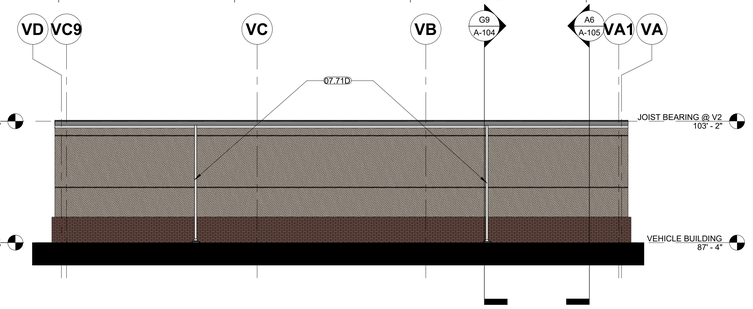
ROOF PLAN



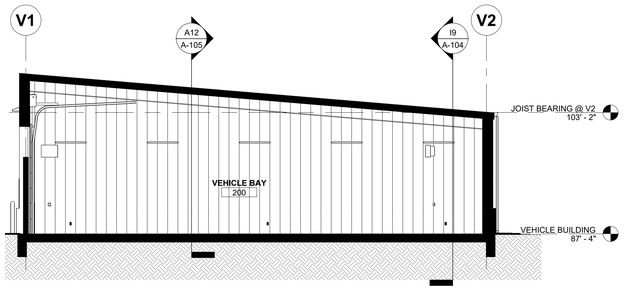
I9 VEHICLE BUILDING LONGITUDINAL SECTION
1/8" = 1'-0"



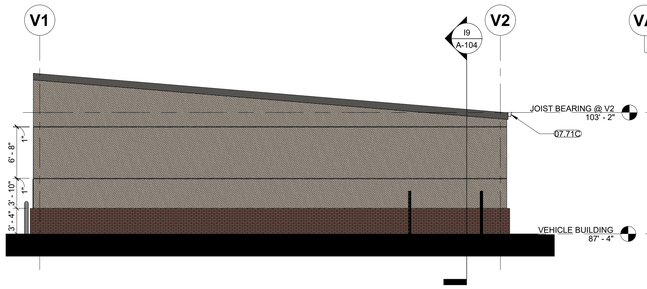
I6 WEST ELEVATION - VEHICLE
1/8" = 1'-0"



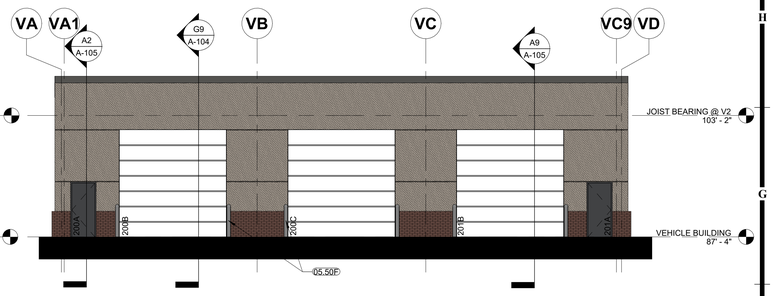
I1 NORTH ELEVATION - VEHICLE
1/8" = 1'-0"



G9 VEHICLE BUILDING TRANSVERSE SECTION
1/8" = 1'-0"

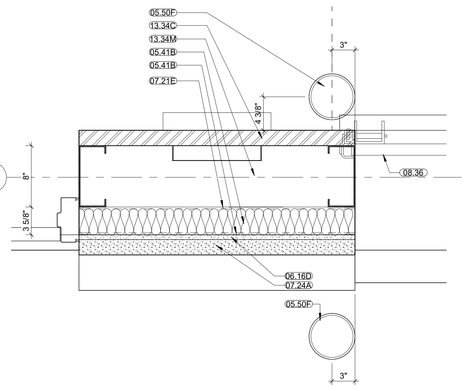


G6 EAST ELEVATION - VEHICLE
1/8" = 1'-0"

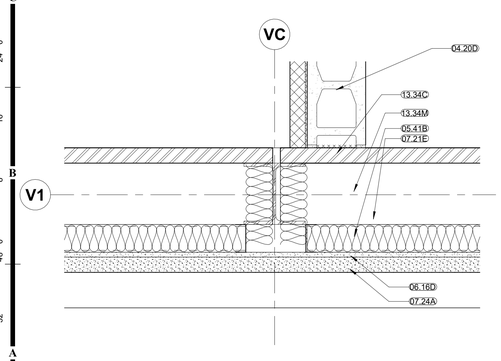


G1 SOUTH ELEVATION - VEHICLE
1/8" = 1'-0"

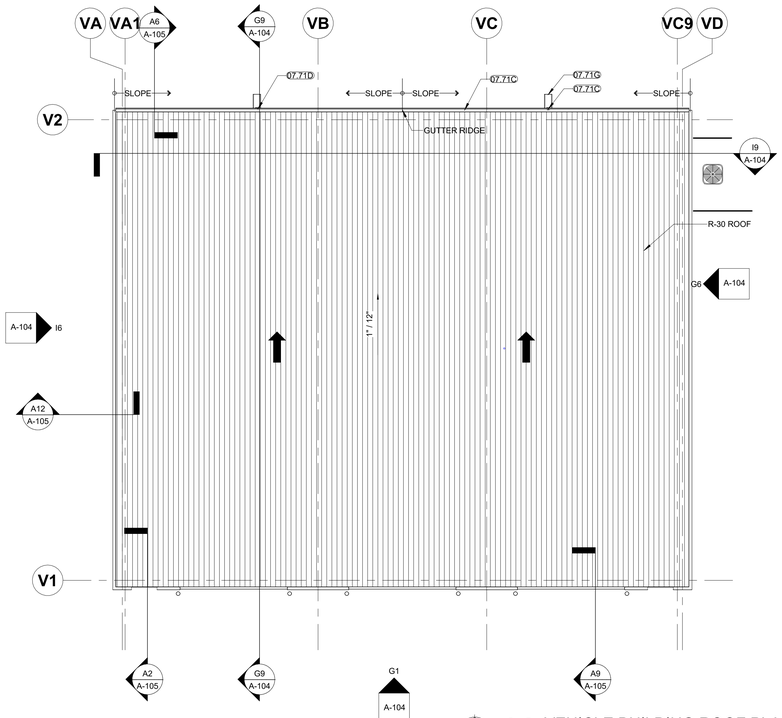
VEHICLE BAY DOOR SCHEDULE												
DOOR #	ROOM: NAME	WIDTH	HEIGHT	DOOR MATERIAL	DOOR TYPE	FRAME MATERIAL	FRAME TYPE	FIRE RATING	AAOS Project HW Set	HEAD	JAMB	REMARKS
200A	VEHICLE BAY	3' - 0"	7' - 0"	ST	F	HM	F1		8.2 ALT 2	xx / A-522	A6 / A-522	
200B	VEHICLE BAY	14' - 0"	14' - 0"	ST	CD2	ST	CD1		1.0	D9/A1.16	G1/A1.16	
200C	VEHICLE BAY	14' - 0"	14' - 0"	ST	CD2	ST	CD1		1.0	D9/A1.16	G1/A1.16	
201A	VEHICLE BAY	3' - 0"	7' - 0"	ST	F	HM	F1		8.2 ALT 2	xx / A-522	A6 / A-522	
201B	VEHICLE BAY	14' - 0"	14' - 0"	ST	CD2	ST	CD1		1.0	D9/A1.16	G1/A1.16	



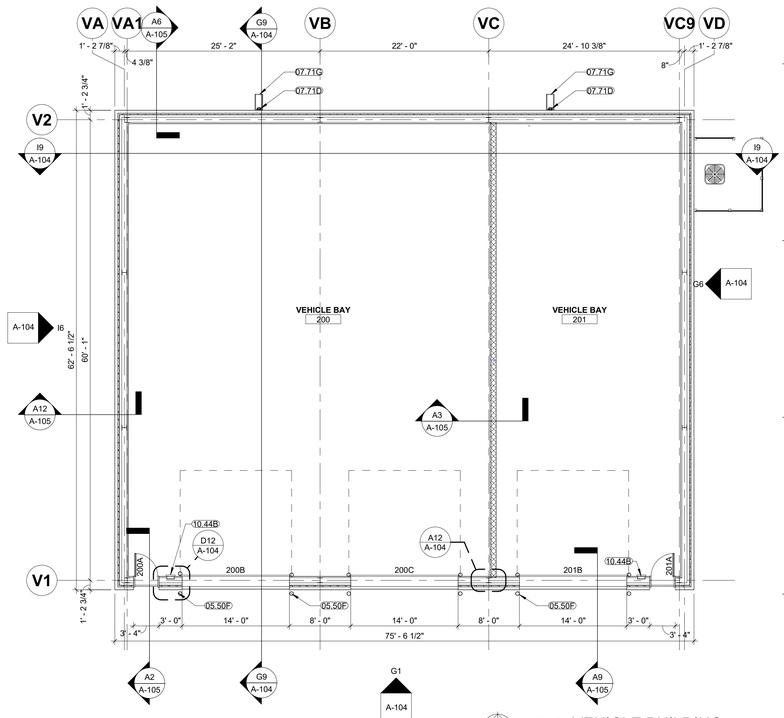
D12 O.H. DOOR JAMB
1 1/2" = 1'-0"



A12 WALL CORNER DETAIL @ BEAM
1 1/2" = 1'-0"



A6 VEHICLE BUILDING ROOF PLAN
1/8" = 1'-0"



A1 VEHICLE BUILDING
1/8" = 1'-0"

GENERAL NOTES - FLOOR PLANS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. ARCHITECTURAL ELEVATION 100'-0" = CIVIL ELEVATION 1024.67'
3. DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
4. FOR METAL STUD CONSTRUCTION DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF GYP. BOARD/ WALL (FOG), UNLESS NOTED OR SHOWN OTHERWISE.
5. NOTE: WALL THICKNESSES ARE ACTUAL DIMENSIONS.
6. DOOR OPENINGS NOT LOCATED BY DIMENSION SHALL BE CENTERED IN WALL SHOWN OR LOCATED 4 INCHES FROM FINISH WALL TO OUTSIDE FACE OF DOOR FRAME - HINGE SIDE, ALWAYS ALLOWING A MINIMUM OF 18" FROM THE PULL SIDE (STRIKE SIDE) OF THE DOOR TO THE INTERSECTING WALL, OR OTHER PROTRUDING OBJECTS.
7. ALL CLOSETS AND ALCOVES WITHOUT A SPACE IDENTIFICATION NUMBER SHALL HAVE THE SAME FINISHES AS THE ADJOINING SPACES.
8. ALL PUBLIC SPACES: THE WALLS WILL BE FINISHED WITH 5/8" GYP. BD. TO A LEVEL 4 FINISH AND PAINTED, UNLESS NOTED OR SPECIFIED OTHERWISE.
9. RE: FINISH LEGEND, AND SPECIFICATIONS FOR DOOR AND DOOR FRAME FINISHES.
10. ALL EXPOSED STEEL INCLUDING COLUMNS TO BE PAINTED WP4

GENERAL NOTES - ROOF PLANS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE
2. DIMENSIONS SHOWN ON THE ROOF PLAN ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
3. PROVIDE 1/2" / FT. TAPERED INSULATION AT ALL ROOF CURBS AND AT EQUIPMENT WHICH EXCEEDS 18 INCHES IN WIDTH.

ROOF PLAN LEGEND

- SLOPED STRUCTURE
- TAPERED INSULATION 1/4" PER FOOT
- TAPERED INSULATION 1/2" PER FOOT
- METAL GRATE ROOF
- ROOF WALKING PAD
- PRE-MANUFACTURED METAL BUILDING ROOF

MATERIAL KEYNOTES

04.20D	CONCRETE MASONRY UNIT (CMU) - 7 5/8 INCH
05.41B	EXTERIOR NON-LOAD-BEARING MTL. C-STUDS - 3 5/8-INCH - RE: STRUCT. FOR SPACING
05.50F	METAL BOLLARDS - CONCRETE-FILLED WITH DOME TOP
06.16D	EXTERIOR GLASS-MAT GYPSUM WALL SHEATHING W/ TAPED AND SEALED SEAMS
07.21E	3-1/2-INCH THERMAL BATT INSULATION
07.24A	WATER DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM.(EIFS)
07.71C	PREFINISHED METAL GUTTER
07.71D	PREFINISHED METAL DOWNSPOUT
07.71G	SPLASH PAN
08.36	SECTIONAL DOOR
10.44B	SEMI-RECESSED FIRE EXTINGUISHER CABINET
13.34C	METAL BUILDING SYSTEMS - WALL PANEL
13.34M	METAL BUILDING SYSTEMS - METAL GIRT

EXTERIOR ELEVATION MATERIALS

- BRICK - RUNNING BOND - EDICOTT- COLOR MEDIUM IRONSPOT 46 VELOUR
- EIFS - SANDPEBBLE FINISH COLOR SW7532 URBAN PUTTY

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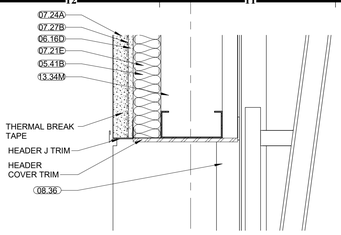
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NUMBER A-2016011211
11/1/2024
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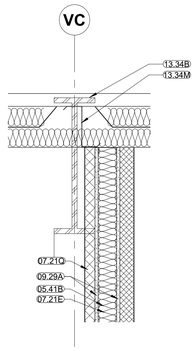
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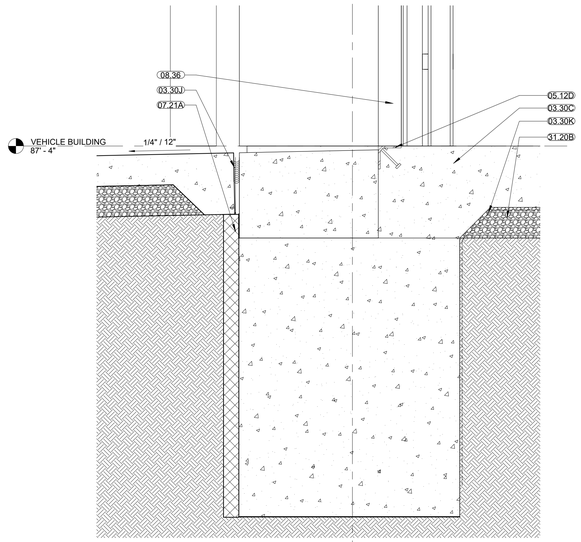
ALTERNATE #2 - VEHICLE BUILDING



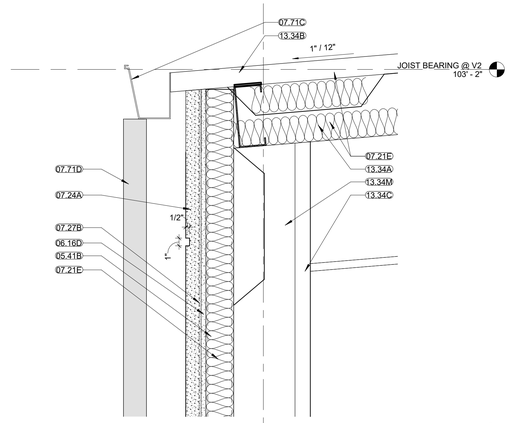
J11 O.H. DOOR HEAD
1 1/2" = 1'-0"



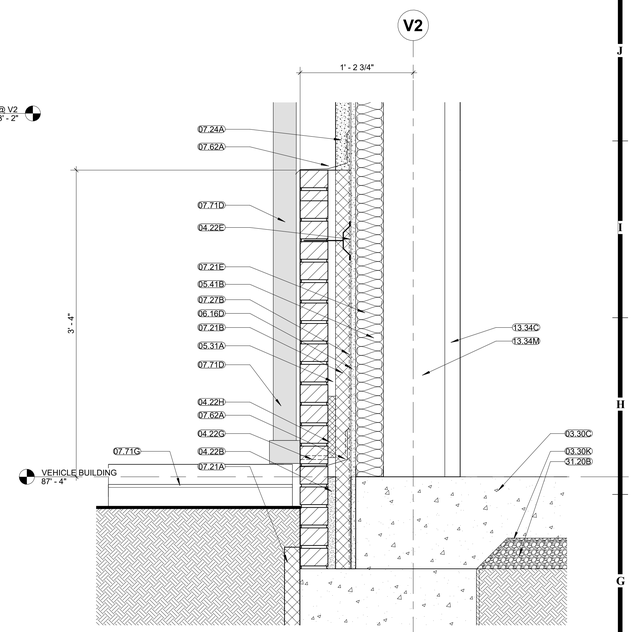
G11 CMU PARTITION @ BEAM
1" = 1'-0"



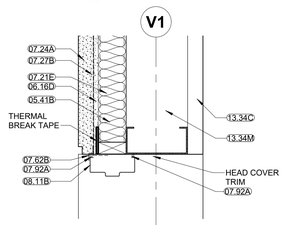
J7 O.H. DOOR SILL
1 1/2" = 1'-0"



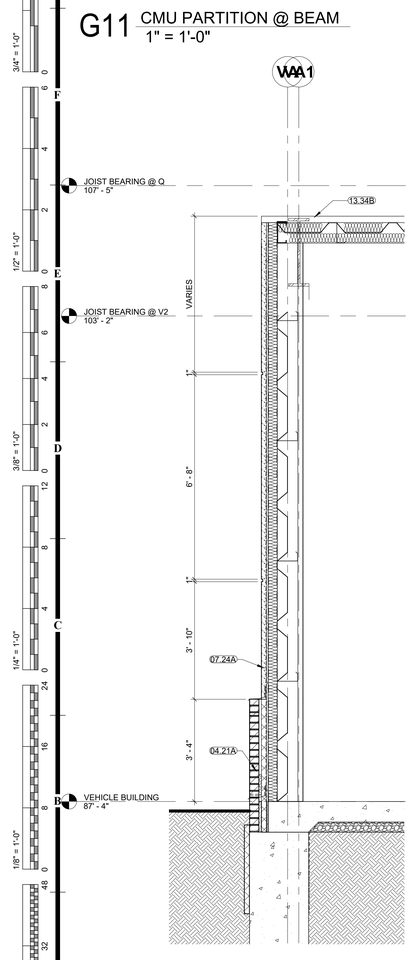
J5 ROO DETAIL @ GUTTER
1 1/2" = 1'-0"



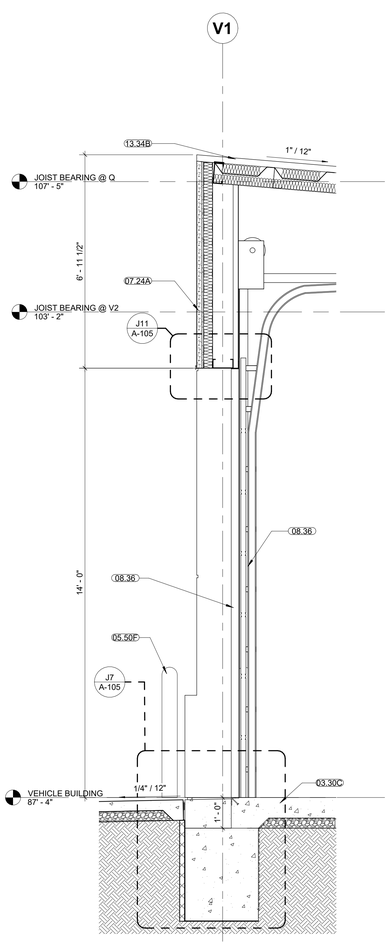
J2 LEDGE DETAIL
1 1/2" = 1'-0"



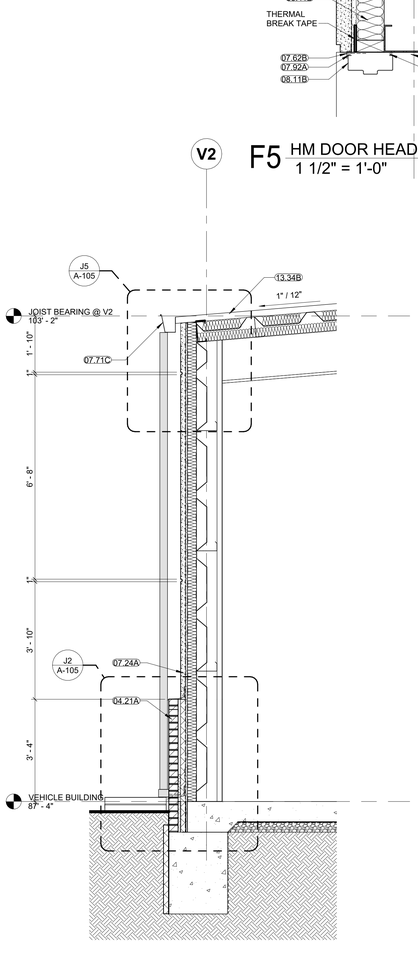
F5 HM DOOR HEAD @ MTL BUILDING
1 1/2" = 1'-0"



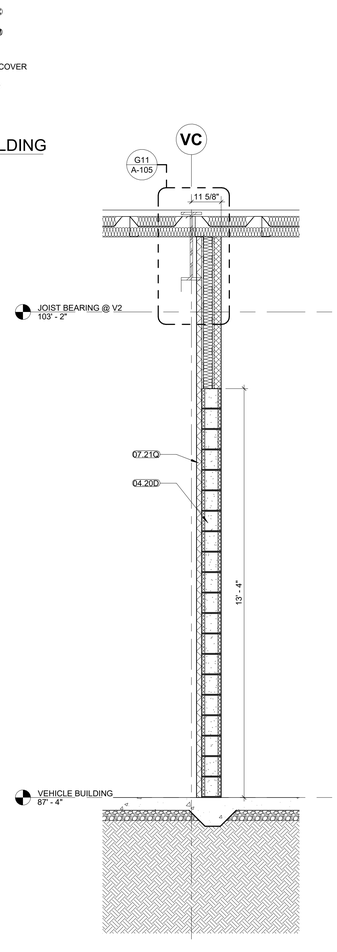
A12 VEHICLE BLDG END WALL
1/2" = 1'-0"



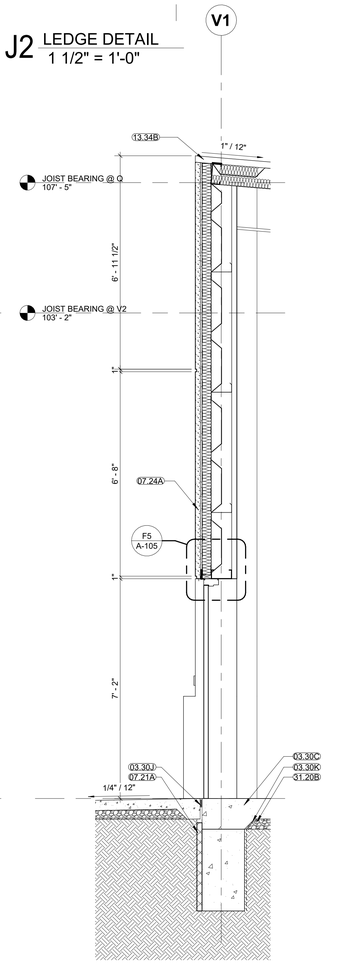
A9 VEHICLE BLDG @ SECTION DOOR
1/2" = 1'-0"



A6 VEHICLE BLDG @ LOW EAVE
1/2" = 1'-0"



A3 VEHICLE BLDG @ CMU PARTION
1/2" = 1'-0"



A2 VEHICLE BLDG SECTION @ DOOR
1/2" = 1'-0"

GENERAL NOTES – EXTERIOR WALL SECTIONS/ DETAILS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: FLOOR PLANS, ROOF PLAN AND ELEVATIONS FOR SECTION CUT LOCATIONS.
3. ALL WINDOW AND DOOR OPENING DIMENSIONS ARE ROUGH OPENING DIMENSIONS, UNLESS NOTED OTHERWISE.
4. DIMENSIONS SHOWN ON THE WALL SECTIONS ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
5. PAINT ALL EXPOSED STEEL, INCLUDING STEEL LINTELS, ETC. (TYP.)

MATERIAL KEYNOTES

03.30C	CONCRETE SLAB-ON-GRADE
03.30J	1/2-INCH COMPRESSIBLE JOINT FILLER (HOLD DOWN TOP 1/2-INCH - FILL W/ SEALANT.)
03.30K	UNDER-SLAB VAPOR RETARDER
04.20D	CONCRETE MASONRY UNIT (CMU) - 7 5/8 INCH
04.21A	FACE BRICK
04.22B	GROUT SOLID - MASONRY CELLS
04.22E	TIES AND ANCHORS
04.22G	WEEP VENTS @ 24-INCH O.C.
04.22H	CAVITY DRAINAGE MATERIAL (MORTAR NET)
05.12D	STEEL ANGLE
05.31A	STEEL ROOF DECK
05.41B	EXTERIOR NON-LOAD-BEARING MTL C-STUDS - 3 5/8-INCH - RE: STRUCT. FOR SPACING
05.50F	METAL BOLLARDS - CONCRETE-FILLED WITH DOME TOP
06.16D	EXTERIOR GLASS-MAT GYPSUM WALL SHEATHING W/ TAPED AND SEALED SEAMS
07.21A	2-INCH RIGID PERIMETER SLAB-ON-GRADE INSULATION
07.21B	EXTRUDED-POLYSTYRENE BOARD INSULATION WITH TAPED AND SEALED SEAMS
07.21E	3-1/2-INCH THERMAL BATT INSULATION
07.21Q	2" SEMI RIGID INSULATION, PIN MOUNTED TO WALL
07.24A	WATER DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)
07.27B	FLUID-APPLIED MEMBRANE AIR BARRIER
07.62A	PREFINISHED SHEET METAL FLASHING
07.62B	PREFINISHED METAL SILL FLASHING
07.71C	PREFINISHED METAL GUTTER
07.71D	PREFINISHED METAL DOWNSPOUT
07.71G	SPLASH PAN
07.92A	JOINT SEALANT
08.11B	HOLLOW METAL FRAME
08.36	SECTIONAL DOOR
09.29A	INTERIOR 5/8-INCH GYP. BD. REF: WALL TYPES
13.34A	METAL BUILDING SYSTEMS - STRUCTURAL FRAMING
13.34B	METAL BUILDING SYSTEMS - ROOF PANELS
13.34C	METAL BUILDING SYSTEMS - WALL PANEL
13.34M	METAL BUILDING SYSTEMS - METAL GIRT
31.20B	GRANULAR FILL

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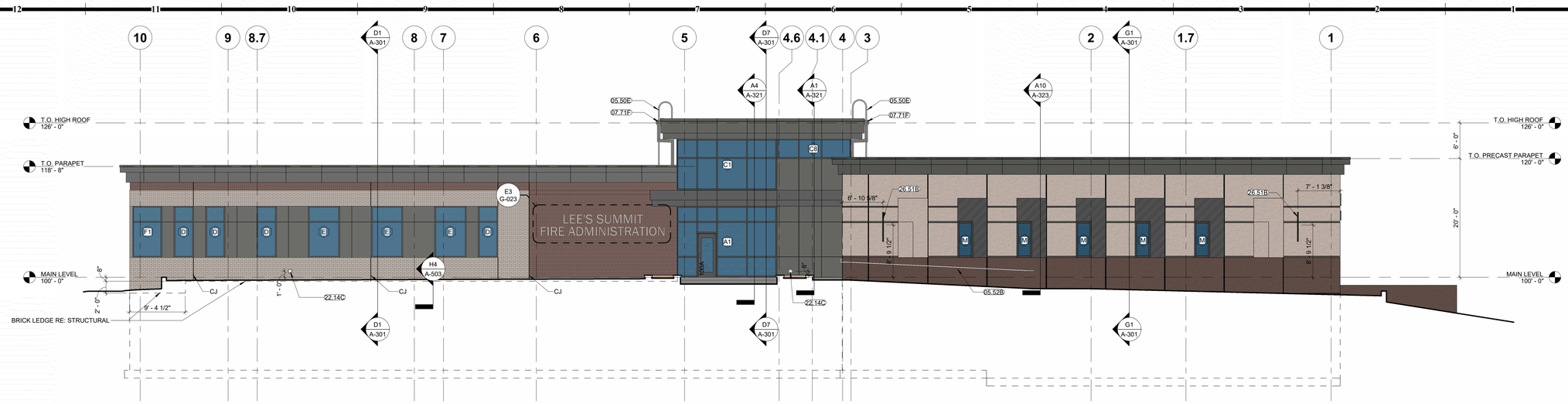
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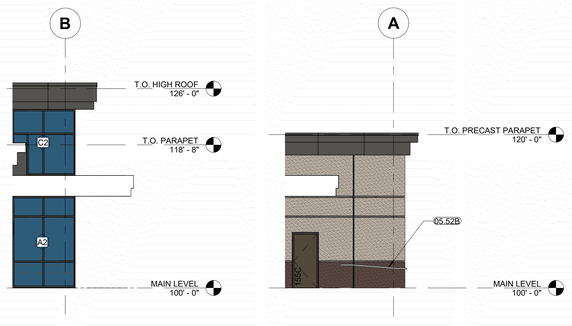
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ALTERNATE #2 - VEHICLE BUILDING

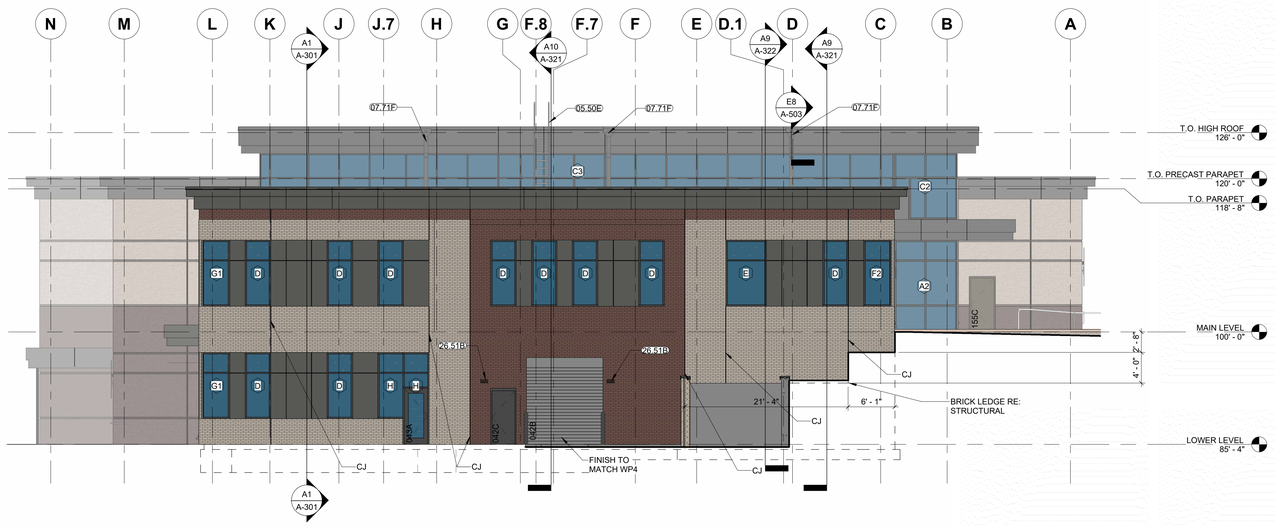


H1 WEST ELEVATION
1/8" = 1'-0"

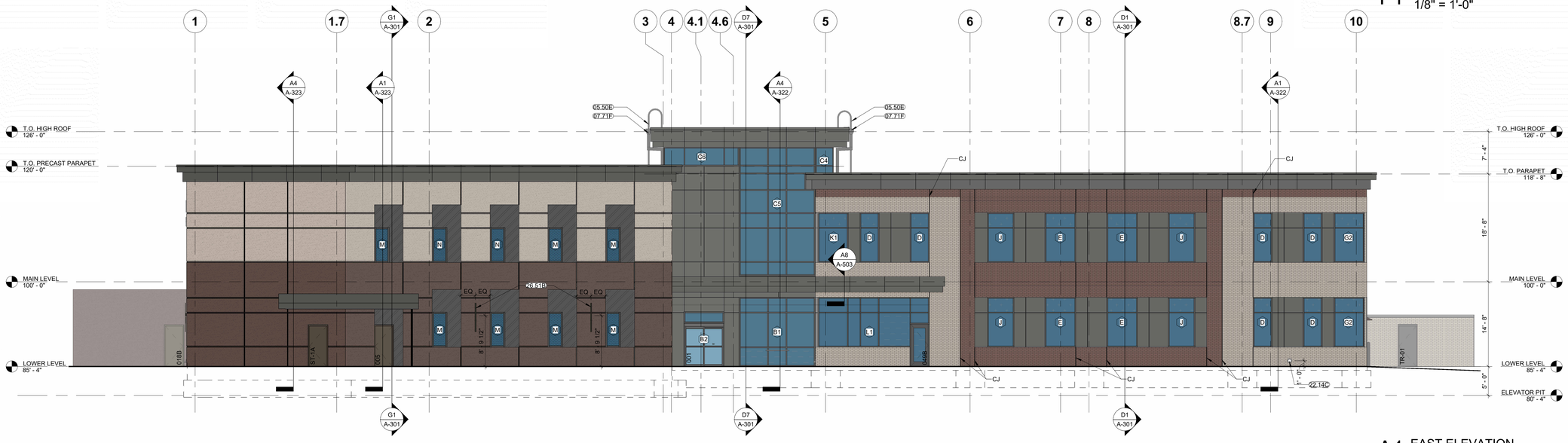


F12 NORTH EAST CORNER A
1/8" = 1'-0"

F10 NORTH EAST CORNER B
1/8" = 1'-0"



F1 NORTH ELEVATION
1/8" = 1'-0"



A1 EAST ELEVATION
1/8" = 1'-0"

GENERAL NOTES - EXTERIOR ELEVATIONS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. DIMENSIONS SHOWN ON THE EXTERIOR ELEVATIONS ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS OTHERWISE NOTED OR INDICATED.
3. RE: THE WINDOW TYPES SHEET FOR ALL EXTERIOR WINDOW TYPES AND GLASS TYPES.
4. ALL EXPOSED STEEL INCLUDING COLUMNS AND LINTELS TO BE PAINTED WP4
5. ALL SEALANT JOINTS TO MATCH ADJACENT FINISH, TYP.
6. ALL EXTERIOR DOORS TO BE PAINTED WP4.
7. METAL COPINGS TO MATCH METAL PANEL.

MATERIAL KEYNOTES

05.50E	METAL LADDERS
05.52B	STAINLESS STEEL PIPE/ TUBE RAILING
07.71F	PREFINISHED METAL SCUPPER BOX
22.14C	LAMBS TONGUE
26.51B	EXTERIOR LIGHT FIXTURE RE: ELECTRICAL

EXTERIOR ELEVATION MATERIALS

- BRICK - RUNNING BOND - ENDICOTT- COLOR MEDIUM IRONSPOT 46 VELOUR
- BRICK - RUNNING BOND - INTERSTATE BRICK - COLOR ASH
- PRECAST PANEL, COLOR TAN, ACID ETCH FINISH (USE WHITE PORTALND CEMENT)
- PRECAST PANEL, COLOR MEDIUM BROWN, HEAVY RETARDANT FINISH
- PRECAST PANEL WITH COLOR TREATMENT, LIGHT SANDBLAST FINISH, COLOR NWW004 CHARCOAL
- IGU - BOD: VIRACON VRE26-38.
- COMPOSITE METAL PANEL, COLOR SUNSHINE GRAY
- MODULAR BLOCK RETAINING WALL

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PACKAGE 2: CONSTRUCTION SET

REVISION DATES:

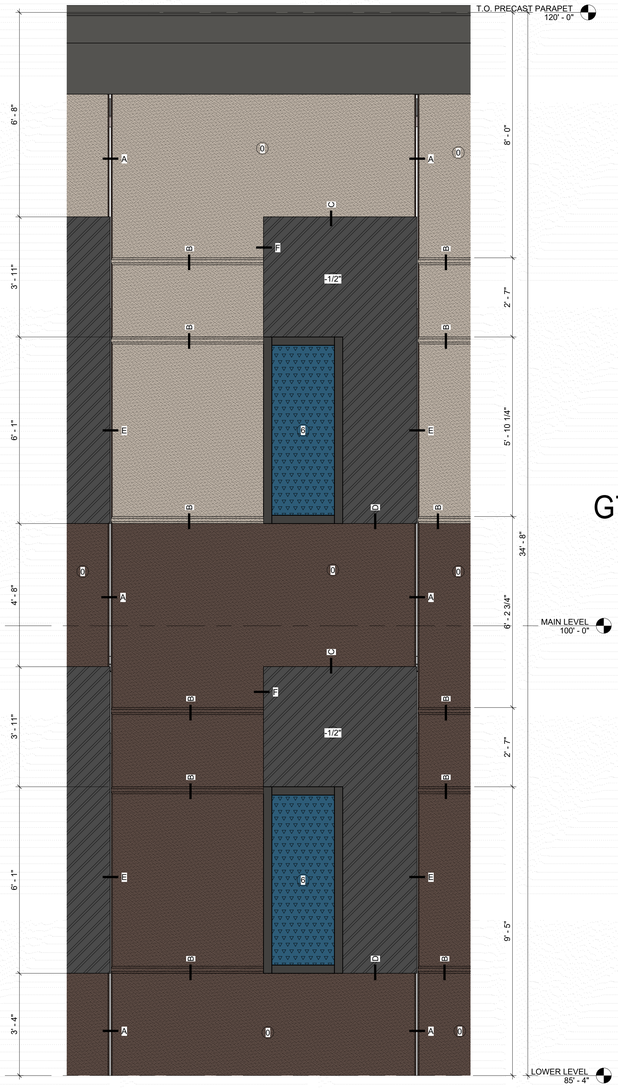
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CHRISTOPHER KRUMREI
NUMBER A-2016011211
ARCHITECT
10/1/2024

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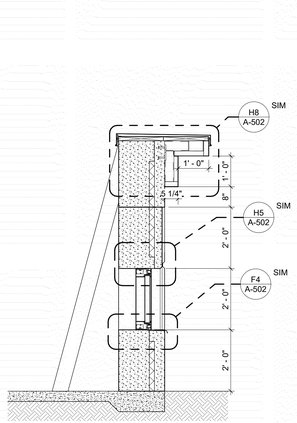
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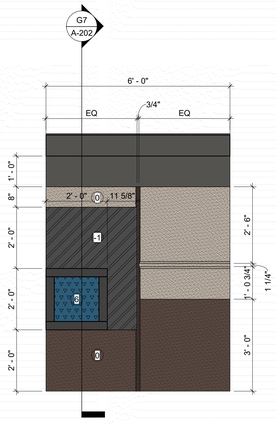
EXTERIOR ELEVATIONS



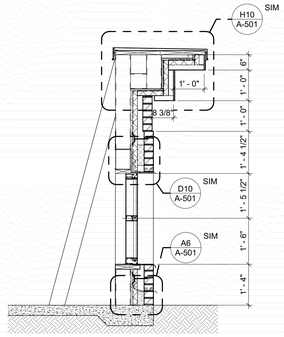
D11 ENLARGED ELEVATION PRECAST
1/2" = 1'-0"



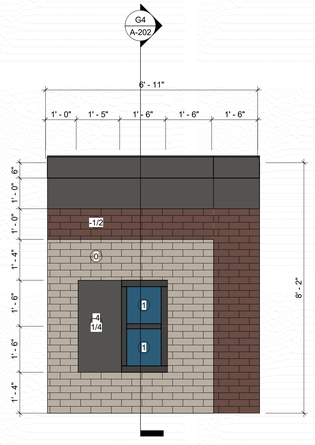
G7 MOCKUP PRECAST WALL SECTION
1/2" = 1'-0"



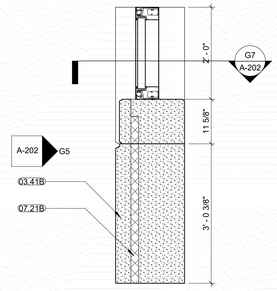
G5 MOCKUP WALL PRECAST
1/2" = 1'-0"



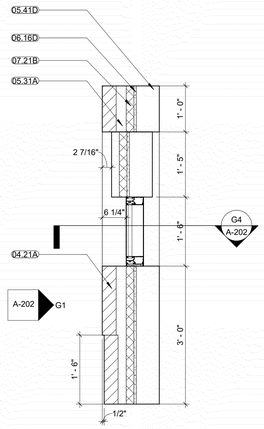
G4 MOCKUP BRICK WALL SECTION
1/2" = 1'-0"



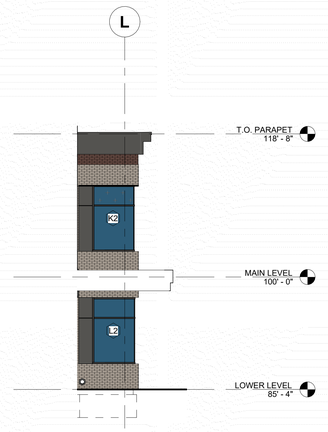
G1 MOCKUP WALL BRICK
1/2" = 1'-0"



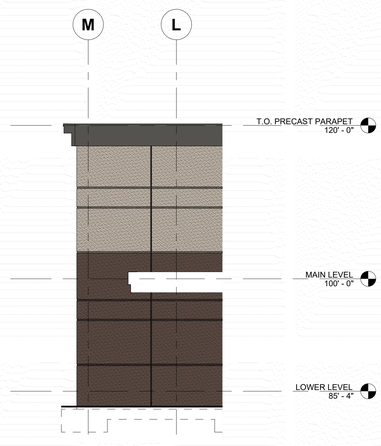
D6 MOCKUP PRECAST WALL PLAN
3/4" = 1'-0"



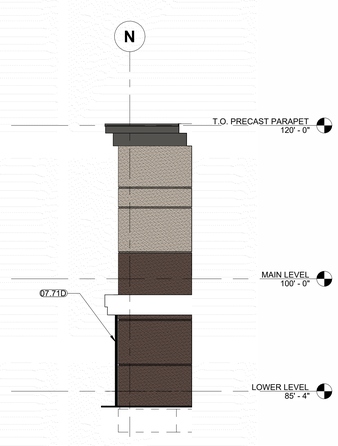
D4 MOCKUP BRICK WALL PLAN
3/4" = 1'-0"



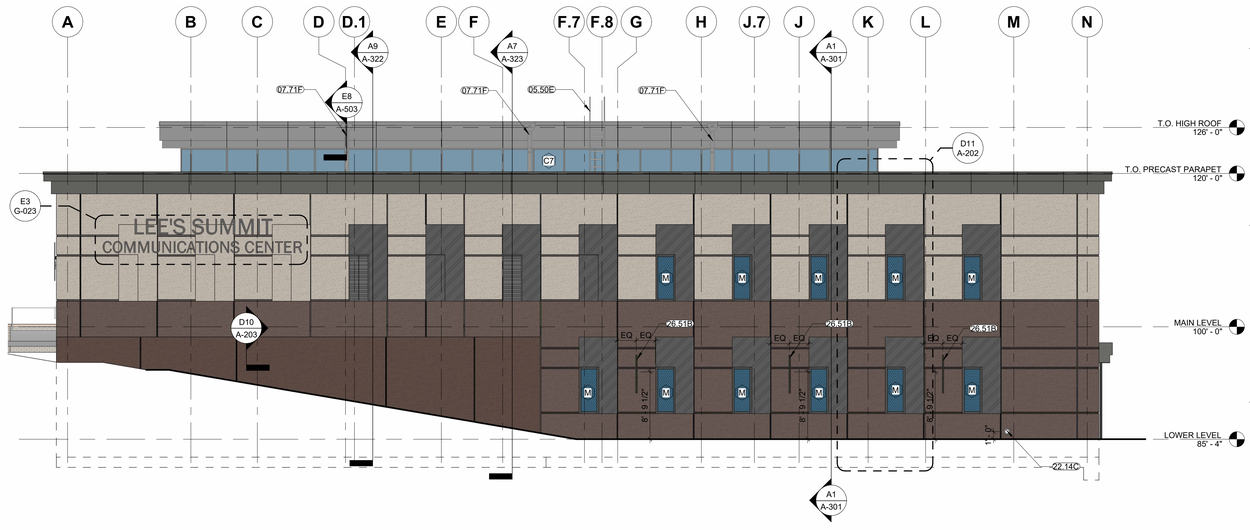
D1 SOUTH CORNER ELEVATION
1/8" = 1'-0"



A11 NORTH CORNER ELEVATION
1/8" = 1'-0"



A9 NORTH STAIR WALL ELEVATION
1/8" = 1'-0"



A1 SOUTH ELEVATION
1/8" = 1'-0"

GENERAL NOTES - EXTERIOR ELEVATIONS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. DIMENSIONS SHOWN ON THE EXTERIOR ELEVATIONS ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS OTHERWISE NOTED OR INDICATED.
3. RE: THE WINDOW TYPES SHEET FOR ALL EXTERIOR WINDOW TYPES AND GLASS TYPES.
4. ALL EXPOSED STEEL INCLUDING COLUMNS AND LINTELS TO BE PAINTED WP4
5. ALL SEALANT JOINTS TO MATCH ADJACENT FINISH, TYP.
6. ALL EXTERIOR DOORS TO BE PAINTED WP4.
7. METAL COPINGS TO MATCH METAL PANEL.

GENERAL NOTES - ENLARGED ELEVATIONS:

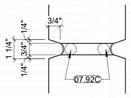
1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. BRICK PLANE CHANGES REFER TO (+0) = ***1'-7"*** FROM COLUMN CENTERLINE (TYP.), UNLESS NOTED OTHERWISE.

MATERIAL KEYNOTES

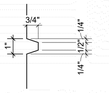
03.41B	PRECAST CONCRETE WALL
04.21A	FACE BRICK
05.31A	STEEL ROOF DECK.
05.41D	EXTERIOR NON-LOAD-BEARING MTL. C-STUDS - 6-INCH - RE: STRUCT. FOR SPACING
05.50E	METAL LADDERS
06.16D	EXTERIOR GLASS-MAT GYPSUM WALL SHEATHING W/ TAPED AND SEALED SEAMS
07.21B	EXTRUDED-POLYSTYRENE BOARD INSULATION WITH TAPED AND SEALED SEAMS
07.71D	PREFINISHED METAL DOWNSPOUT
07.71F	PREFINISHED METAL SCUPPER BOX
07.92C	BACKER ROD AND SEALANT
22.14C	LAMBS TONGUE
26.51B	EXTERIOR LIGHT FIXTURE RE: ELECTRICAL



TYPICAL EDGE OF PRECAST



— A
TYPE A - TYPICAL PRECAST JOINT



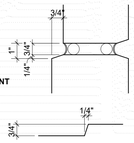
— B
TYPE B - TYPICAL PRECAST REVEAL



— C
TYPE C TYPICAL INSET PANEL



— D
TYPE D TYPICAL INSET PANEL



— E
TYPE E TYPICAL PRECAST JOINT @ INSET PANEL

— F
TYPE F TYPICAL WINDOW EDGE

GENERAL NOTES
1. SEE SECTION/PLAN DETAILS FOR DIMENSIONS OF ALL OTHER REVEALS/MATERIAL TRANSITIONS

EXTERIOR ELEVATION MATERIALS

- **BRICK - RUNNING BOND - ENDICOTT- COLOR MEDIUM IRONSPOT 46 VELOUR**
- **BRICK - RUNNING BOND - INTERSTATE BRICK - COLOR ASH**
- **PRECAST PANEL, COLOR TAN, ACID ETCH FINISH (USE WHITE PORTALND CEMENT)**
- **PRECAST PANEL, COLOR MEDIUM BROWN, HEAVY RETARDANT FINISH**
- **PRECAST PANEL WITH COLOR TREATMENT, LIGHT SANDBLAST FINISH, COLOR NWW004 CHARCOAL**
- **IGU - BOD: VIRACON VRE26-38.**
- **COMPOSITE METAL PANEL, COLOR SUNSHINE GRAY**
- **MODULAR BLOCK RETAINING WALL**

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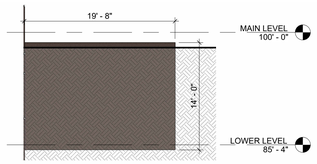
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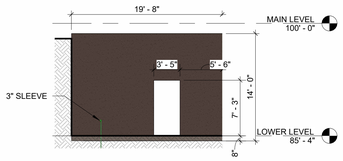
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ISSUE DATE: NOVEMBER 1, 2024
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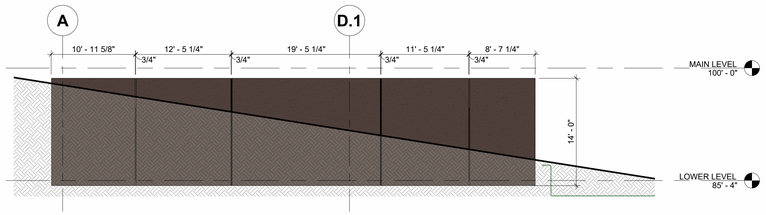
EXTERIOR ELEVATIONS



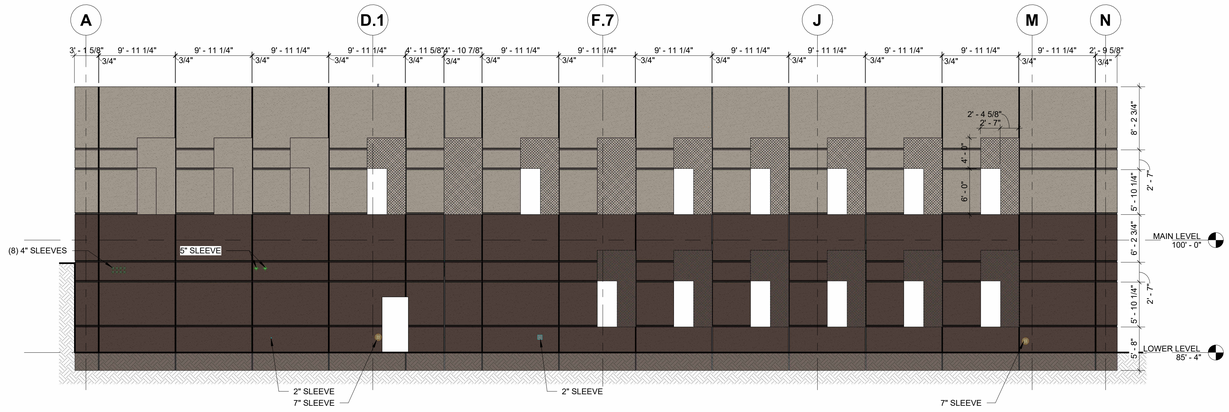
J11 GENERATOR WEST
1/8" = 1'-0"



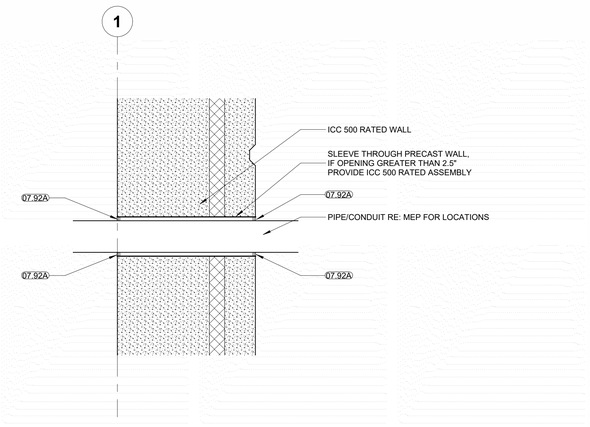
J9 GENERATOR EAST
1/8" = 1'-0"



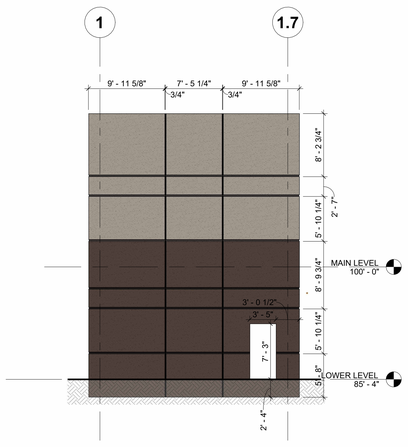
G9 GENERATOR SOUTH
1/8" = 1'-0"



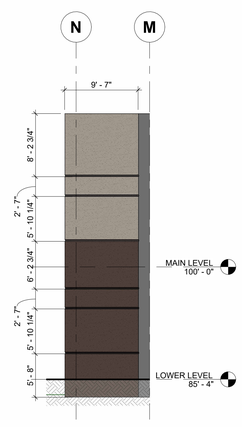
G1 PRECAST - SOUTH
1/8" = 1'-0"



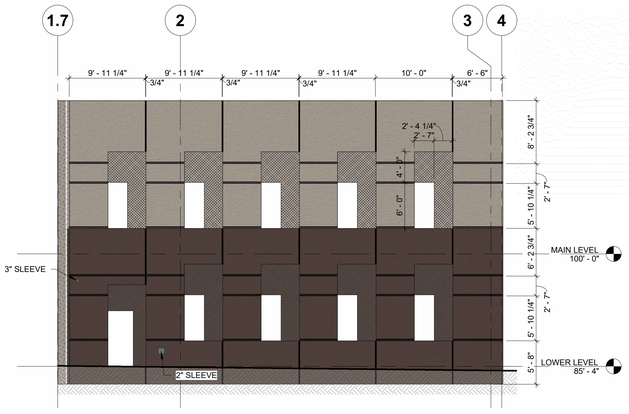
D10 TYP. PRECAST PENETRATION DETAIL
1 1/2" = 1'-0"



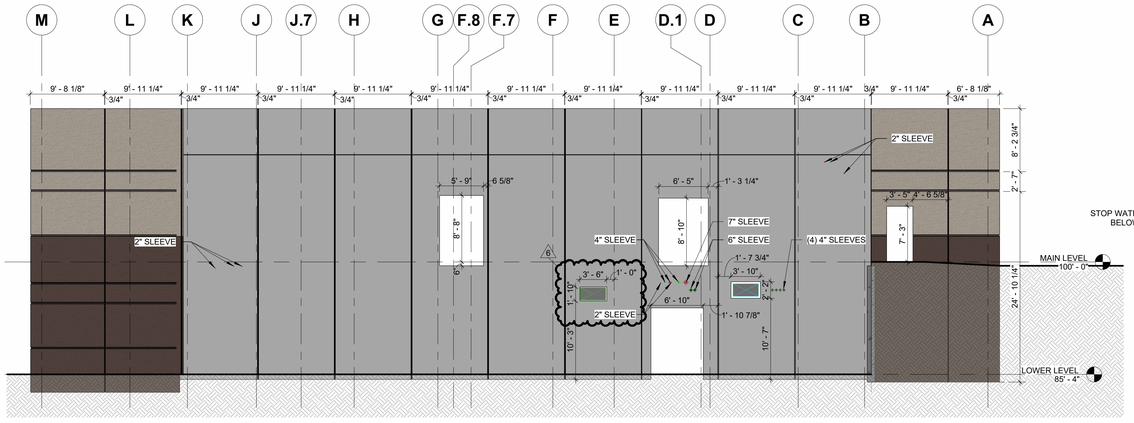
D6 PRECAST - EAST STAIR
1/8" = 1'-0"



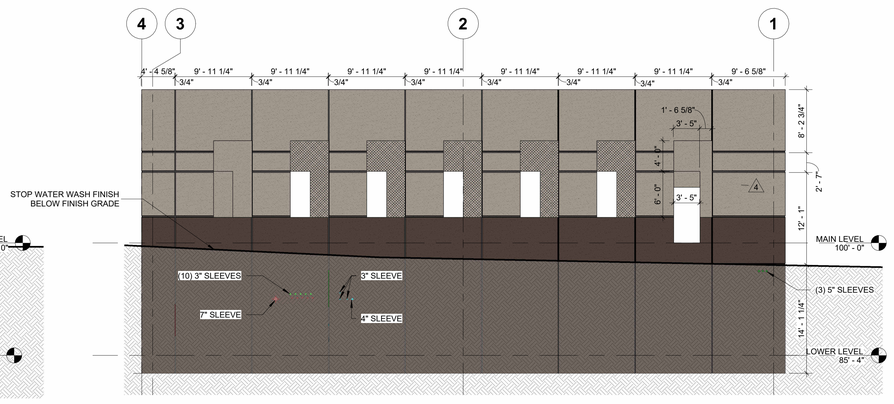
D4 PRECAST - NORTH STAIR
1/8" = 1'-0"



D1 PRECAST - EAST
1/8" = 1'-0"



A6 PRECAST - NORTH
1/8" = 1'-0"



A1 PRECAST-WEST
1/8" = 1'-0"

EXTERIOR ELEVATION MATERIALS

- PRECAST PANEL, COLOR TAN, ACID ETCH FINISH (USE WHITE PORTLAND CEMENT)
- PRECAST PANEL, COLOR TAN, SANDBLAST FINISH
- PRECAST PANEL, COLOR MEDIUM BROWN, SANDBLAST FINISH
- PRECAST PANEL, COLOR MEDIUM BROWN, WATER WASH FINISH
- PRECAST PANEL, COLOR MEDIUM BROWN, (BELOW GRADE)
- PRECAST PANEL - GRAY PORTLAND

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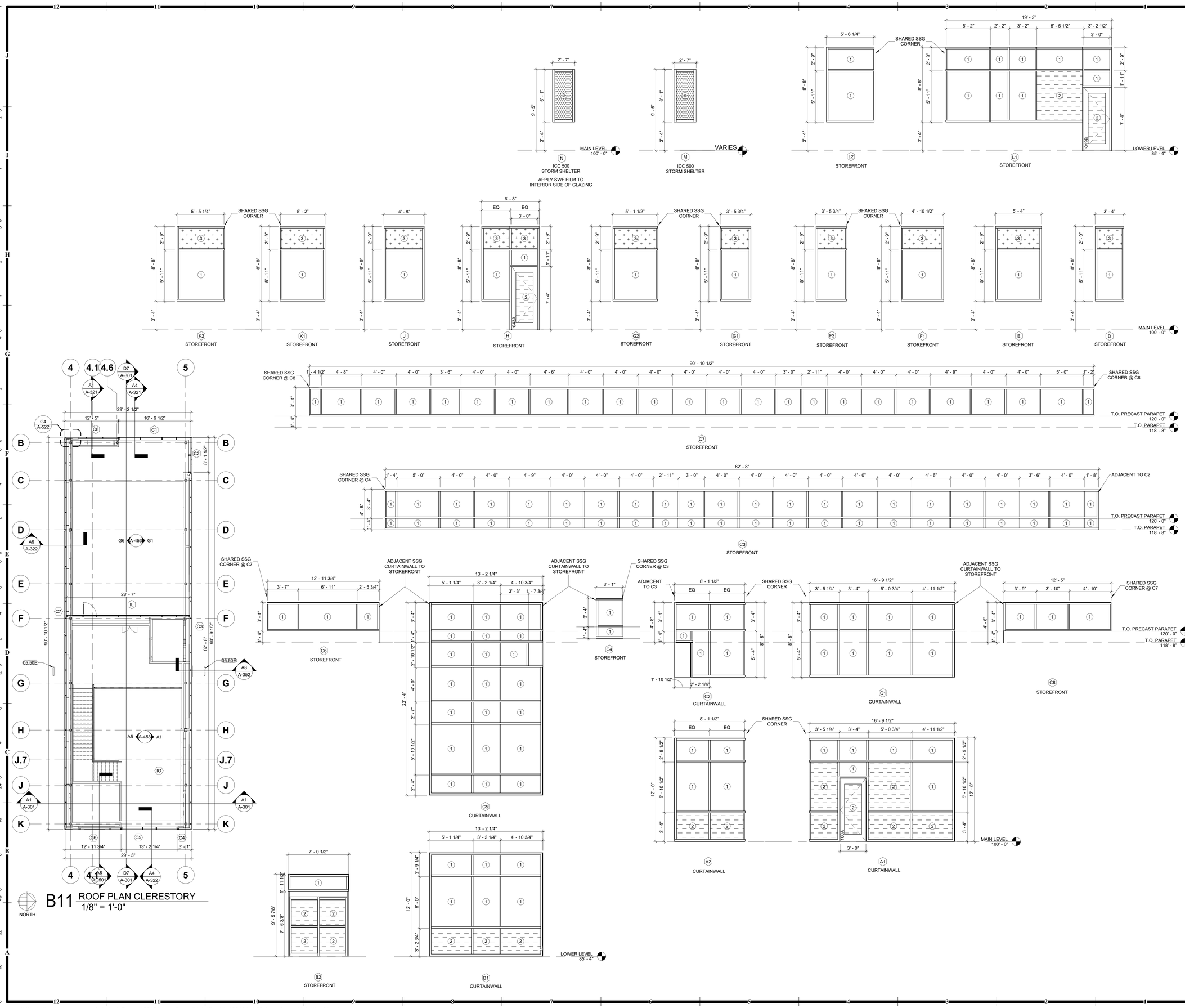
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6	ASI 002	12/13/2024

PROFESSIONAL SEAL

A-203

ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

PRECAST ELEVATIONS



GENERAL NOTES - WINDOW TYPES/ GLASS TYPES:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. ALL WINDOW TYPES ARE ALUMINUM STOREFRONT, UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS ARE TO ROUGH OPENING AND TO TOP OR BOTTOM OF MULLION, UNLESS NOTED OR SHOWN OTHERWISE.
4. ALL OPENINGS ARE TO BE FIELD VERIFIED, AND NOTED AS SUCH ON SHOP DRAWINGS, PRIOR TO ARCHITECT'S REVIEW.
5. GLASS DOORS, ADJACENT PANELS AND ALL GLAZED OPENINGS WITHIN 1'-6" OF THE FLOOR, AND WITHIN A 24-INCH ARC OF EITHER VERTICAL EDGE OF A DOOR, ETC., SHALL BE SAFETY GLAZING AS APPROVED FOR IMPACT BY APPLICABLE BUILDING CODES, AND SHALL BE LABELED AS SUCH.

GLASS TYPE LEGEND	
DESIGNATION NUMBER	**DESCRIPTION**
1	VIRACON VRE 26-38 -1/4" SOLARBLUE HEAT STRENGTHENED VRE 26-38 #2 -1/2" AIR SPACE -1/4" CLEAR HEAT-STRENGTHENED
2	VIRACON VRE 26-38 TEMPERED -1/4" SOLARBLUE TEMPERED VRE 26-38 #2 -1/2" AIR SPACE -1/4" CLEAR TEMPERED
3	VIRACON VRE 26-38 -1/4" SOLARBLUE HEAT STRENGTHENED VRE 26-38 #2 -1/2" AIR SPACE -1/4" SPANDREL V908
4	-1/2" CLEAR GLASS
5	-1/2" CLEAR GLASS TEMPERED
6	2" TOR-GARD 30 IG GLAZING -1/4" SOLARBLUE HEAT STRENGTHENED VRE 26-38 #2
7	-1/2" CLEAR GLASS TEMPERED -FROSTED CLEAR FILM SWF
8	BULLET RESISTANT -1 1/4" UL 752 LEVEL 3

MATERIAL KEYNOTES	
05.50E	METAL LADDERS

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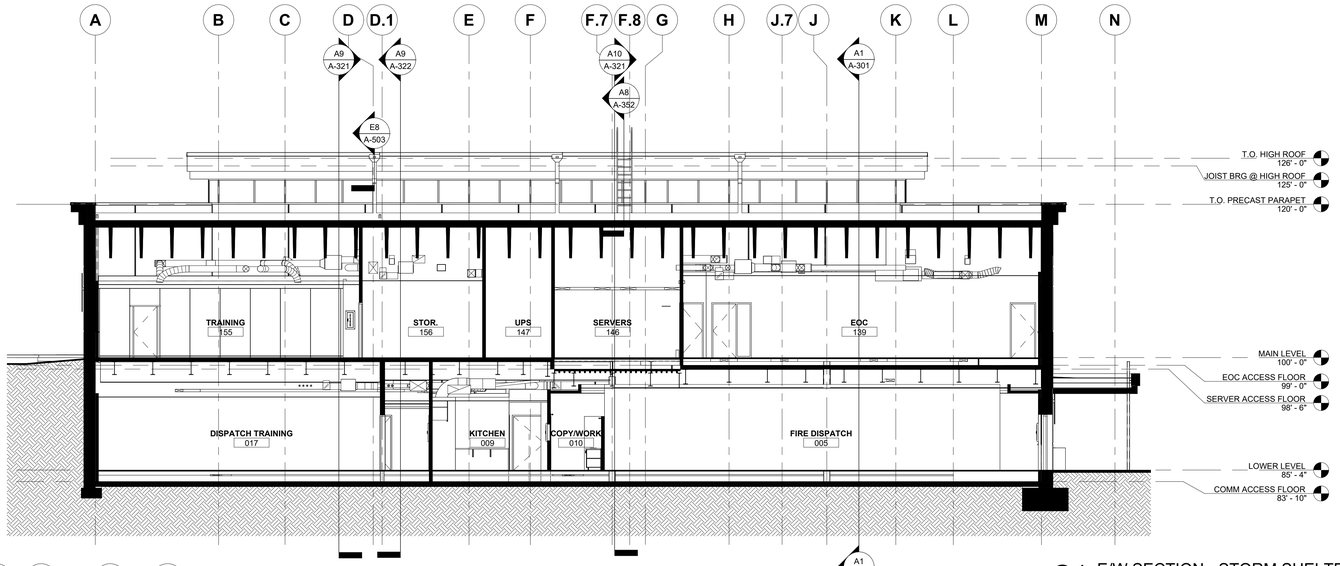
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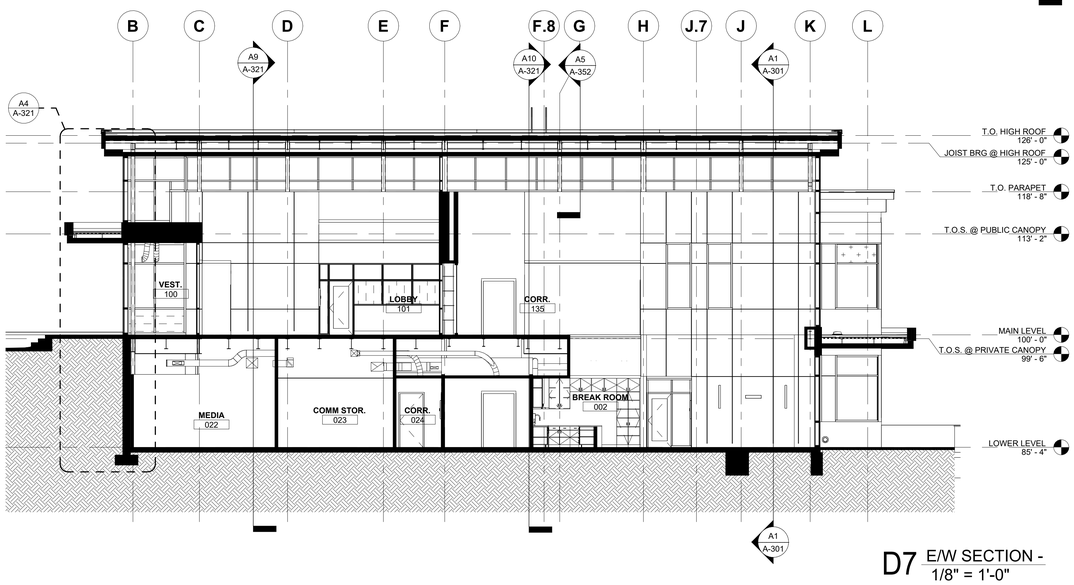
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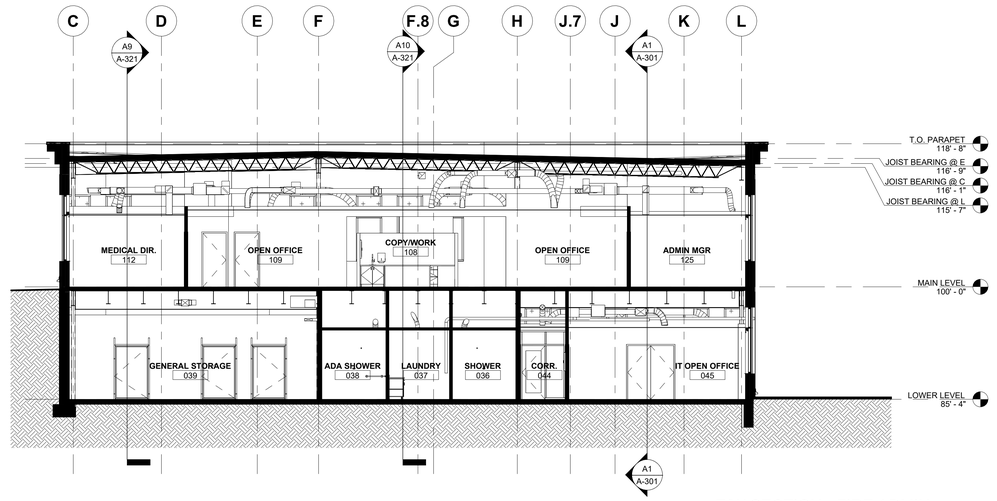
EXTERIOR WINDOW TYPES



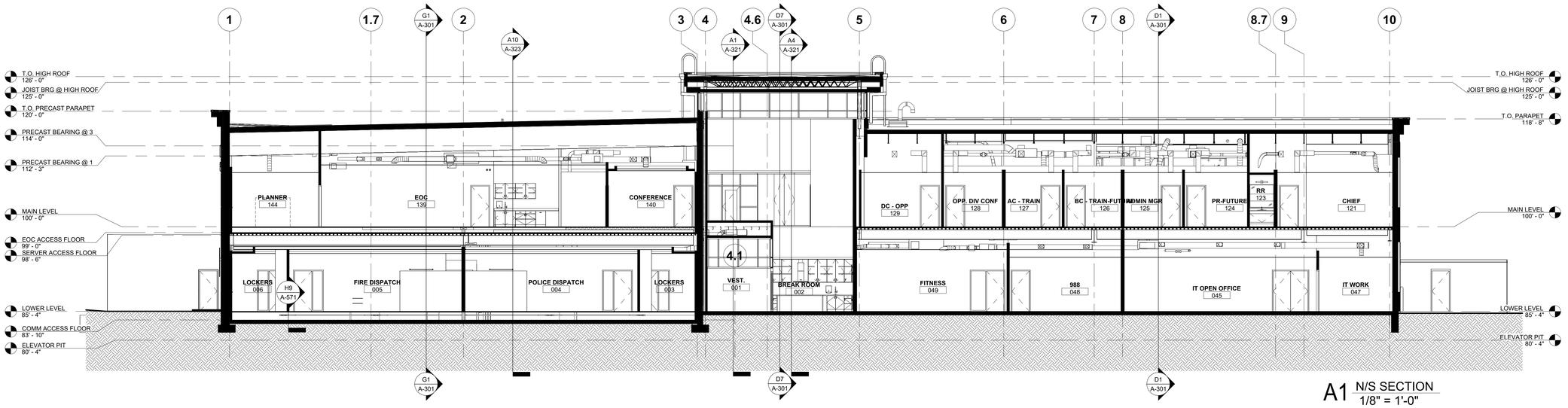
G1 E/W SECTION - STORM SHELTER
1/8" = 1'-0"



D7 E/W SECTION -
1/8" = 1'-0"



D1 E/W SECTION - FIRE ADMIN
1/8" = 1'-0"



A1 N/S SECTION
1/8" = 1'-0"

GENERAL NOTES – EXTERIOR WALL SECTIONS/ DETAILS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: FLOOR PLANS, ROOF PLAN AND ELEVATIONS FOR SECTION CUT LOCATIONS.
3. ALL WINDOW AND DOOR OPENING DIMENSIONS ARE ROUGH OPENING DIMENSIONS, UNLESS NOTED OTHERWISE.
4. DIMENSIONS SHOWN ON THE WALL SECTIONS ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
5. PAINT ALL EXPOSED STEEL, INCLUDING STEEL LINTELS, ETC. (TYP.)

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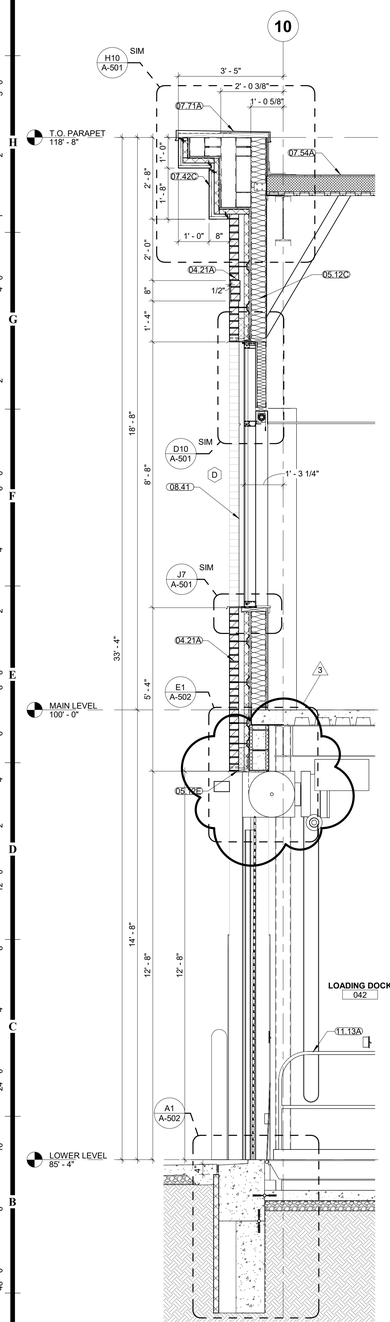
STATE OF MISSOURI
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ARCHITECT
11/1/24

PROFESSIONAL SEAL

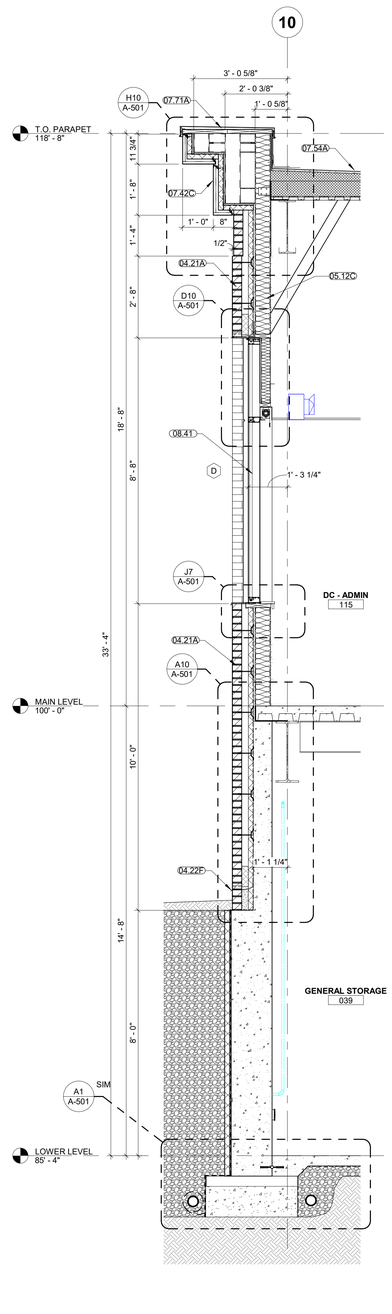
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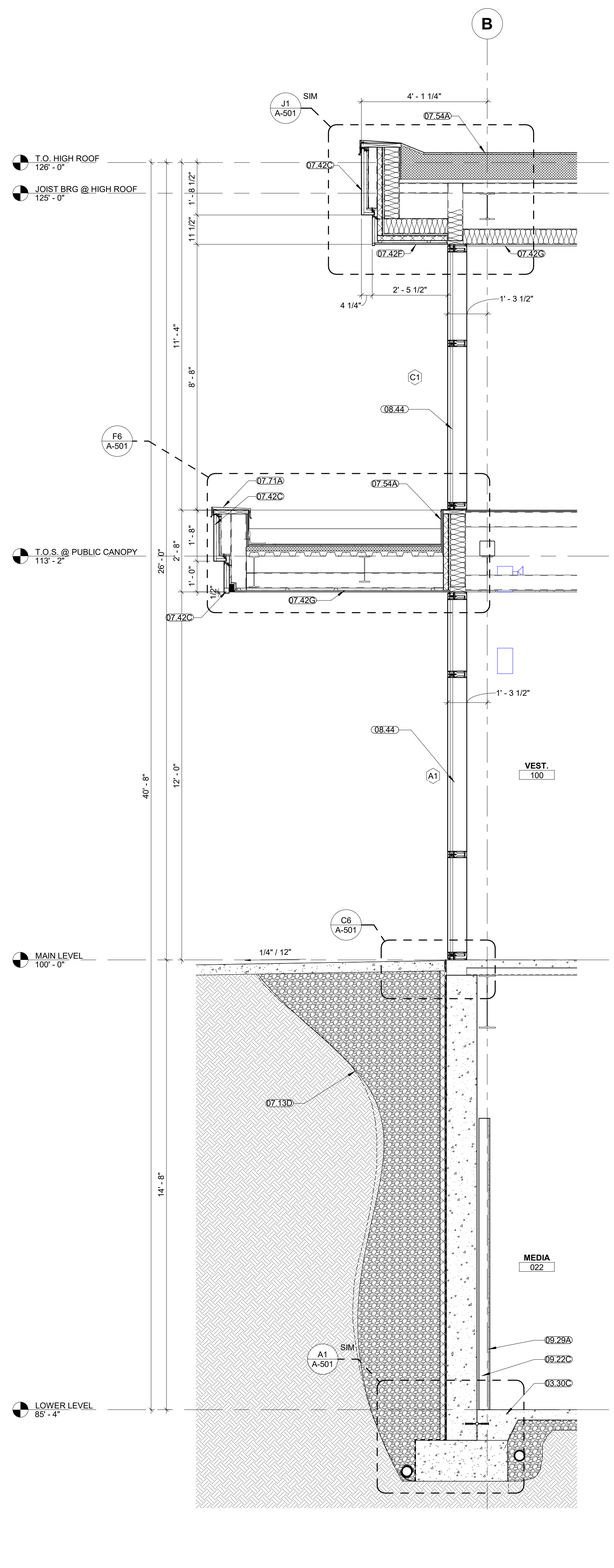
BUILDING SECTIONS



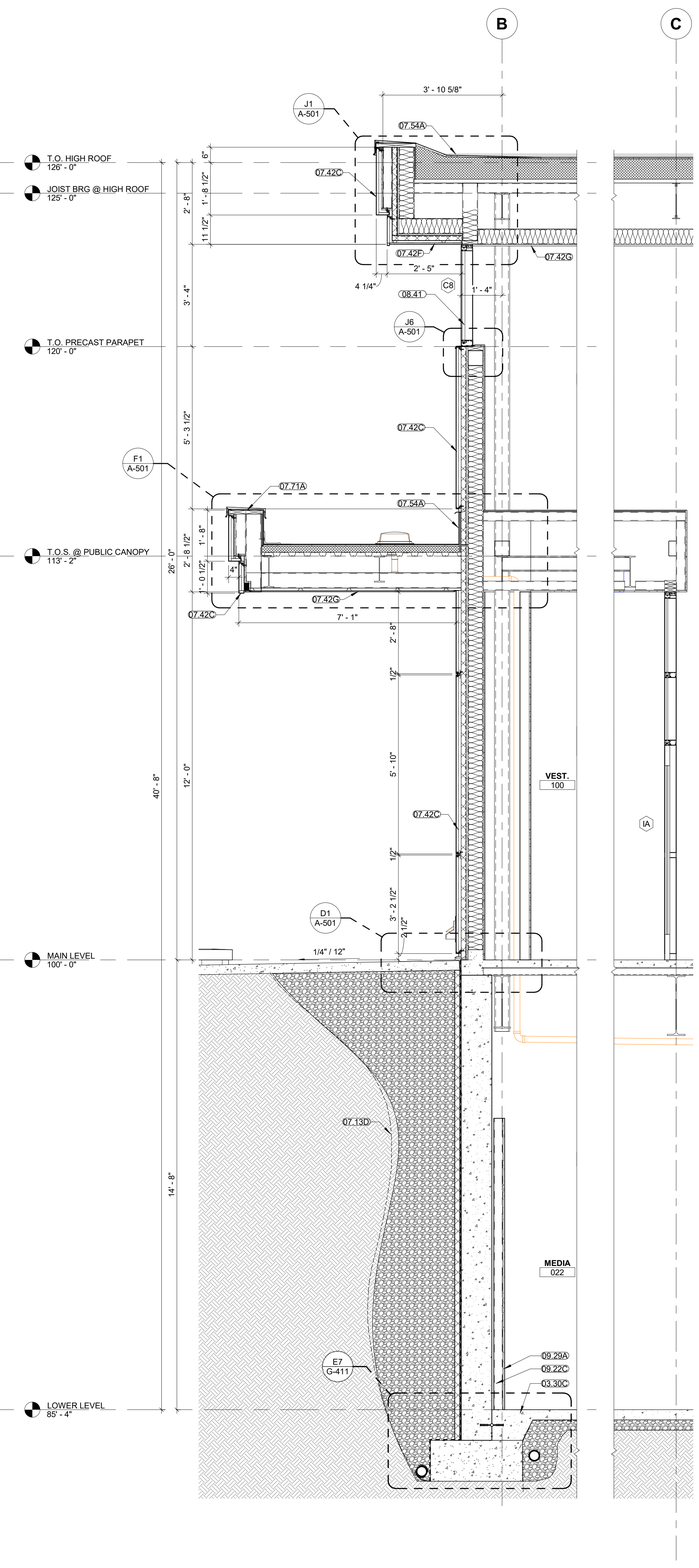
A10 FIRE ADMINISTRATION @ LOADING DOCK
1/2" = 1'-0"



A9 FIRE ADMINISTRATION @ FOUNDATION
1/2" = 1'-0"



A4 LOBBY @ CURTAIN WALL
1/2" = 1'-0"



A1 LOBBY @ METAL PANEL
1/2" = 1'-0"

GENERAL NOTES – EXTERIOR WALL SECTIONS/ DETAILS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE
2. RE: FLOOR PLANS, ROOF PLAN AND ELEVATIONS FOR SECTION CUT LOCATIONS.
3. ALL WINDOW AND DOOR OPENING DIMENSIONS ARE ROUGH OPENING DIMENSIONS, UNLESS NOTED OTHERWISE.
4. DIMENSIONS SHOWN ON THE WALL SECTIONS ARE TO THE FACE OF EXTERIOR WALL; FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
5. PAINT ALL EXPOSED STEEL, INCLUDING STEEL LINTELS, ETC. (TYP.)

MATERIAL KEYNOTES

03.30C	CONCRETE SLAB-ON-GRADE
04.21A	FACE BRICK
04.22F	THROUGH-WALL MEMBRANE FLASHING WITH METAL DRIP EDGE
05.12C	STEEL CHANNEL
05.12E	STEEL PLATE
07.13D	FILTER FABRIC
07.42C	METAL-FACED COMPOSITE WALL PANELS
07.42F	METAL WOOD LOOK SOFFIT PANELS
07.42G	METAL WOOD LOOK SOFFIT PANEL - VENTED
07.54A	THERMOPLASTIC POLYOLEFIN (TPO) ROOFING SYSTEM
07.71A	PREFINISHED METAL COPING & CONT. CLEAT
08.41	ALUMINUM-FRAMED STOREFRONT SYSTEM
08.44	GLAZED ALUMINUM CURTAIN WALL
09.22C	3 5/8-INCH METAL STUDS @ 16-INCHES O.C.
09.29A	INTERIOR 5/8-INCH GYP. BD. REF: WALL TYPES
11.13A	LOADING DOCK LIFT

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PACKAGE 2: CONSTRUCTION SET

REVISION DATES:

3	ADDENDUM 3	11/18/2024

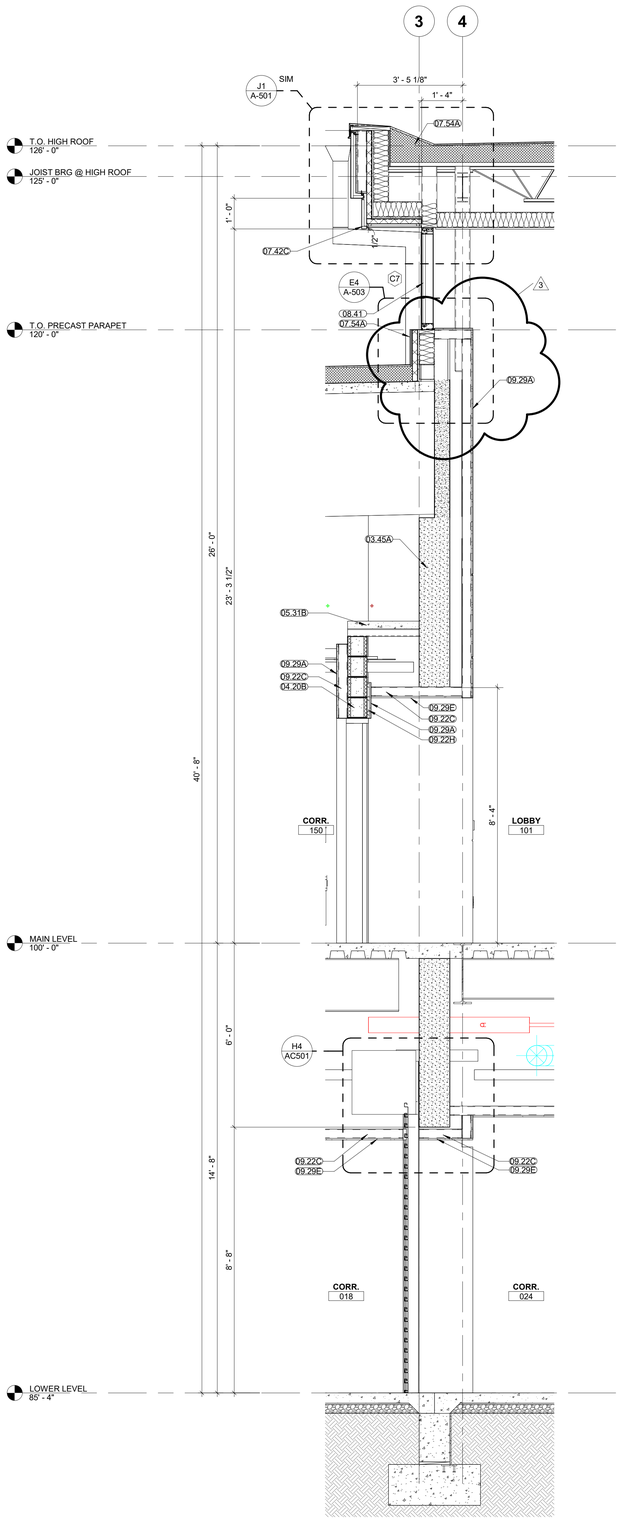
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CHRISTOPHER KRAMREI
NUMBER A-2016012121
11/19/24
ARCHITECT

PROFESSIONAL SEAL

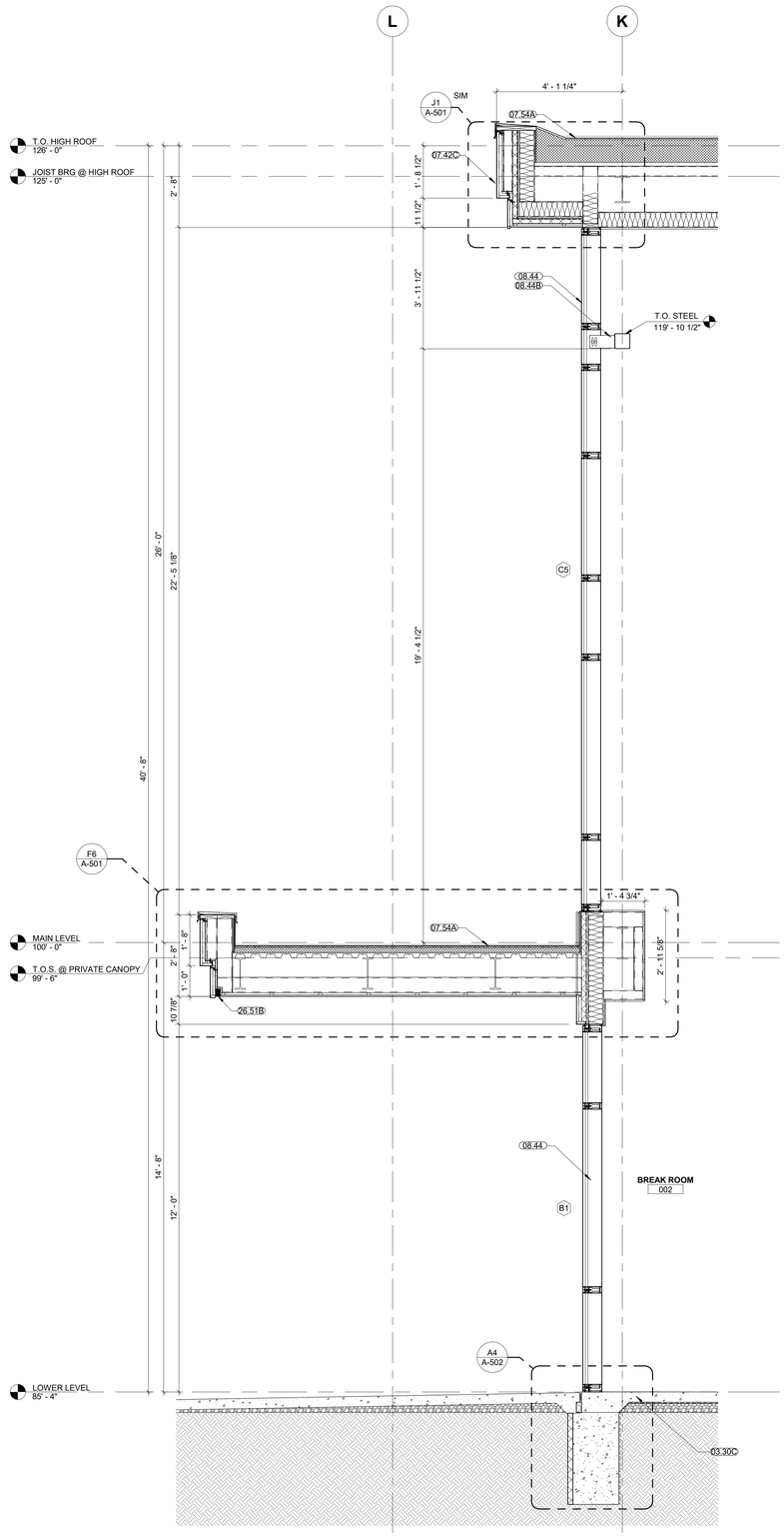
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ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

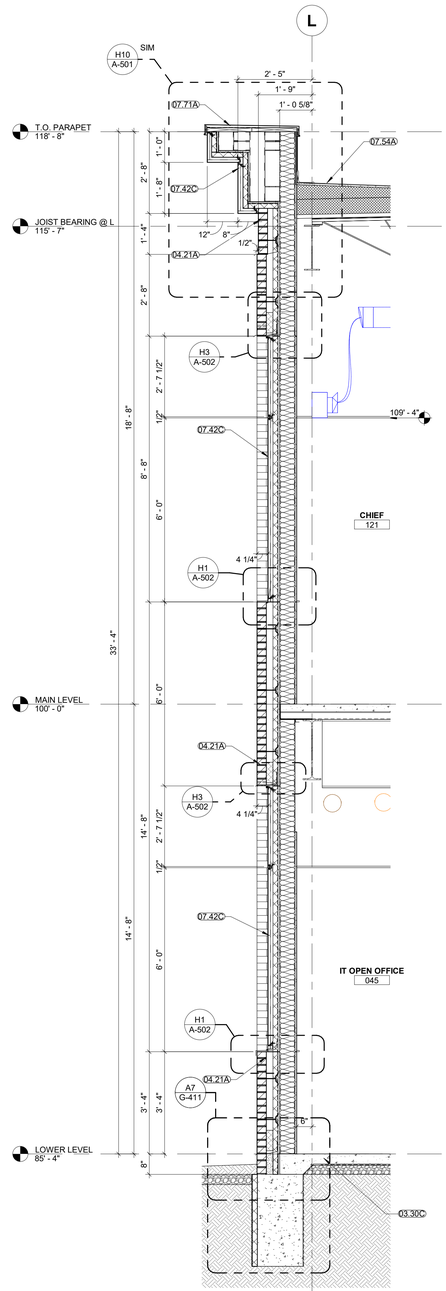
WALL SECTIONS



A9 INTERIOR PRECAST
1/2" = 1'-0"



A4 STAFF ENTRY @ CURTAIN WALL
1/2" = 1'-0"



A1 FIRE ADMINISTRATION SECTION
1/2" = 1'-0"

GENERAL NOTES – EXTERIOR WALL SECTIONS/ DETAILS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: FLOOR PLANS, ROOF PLAN AND ELEVATIONS FOR SECTION CUT LOCATIONS.
3. ALL WINDOW AND DOOR OPENING DIMENSIONS ARE ROUGH OPENING DIMENSIONS, UNLESS NOTED OTHERWISE.
4. DIMENSIONS SHOWN ON THE WALL SECTIONS ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
5. PAINT ALL EXPOSED STEEL, INCLUDING STEEL LINTELS, ETC. (TYP.)

MATERIAL KEYNOTES

03.30C	CONCRETE SLAB-ON-GRADE
03.45A	PRECAST ARCHITECTURAL CONCRETE
04.20B	CONCRETE MASONRY UNIT (CMU) - 3 5/8 INCH
04.21A	FACE BRICK
05.31B	COMPOSITE FLOOR DECK
07.42C	METAL-FACED COMPOSITE WALL PANELS
07.54A	THERMOPLASTIC POLYOLEFIN (TPO) ROOFING SYSTEM
07.71A	PREFINISHED METAL COPING & CONT. CLEAT
08.41	ALUMINUM-FRAMED STOREFRONT SYSTEM
08.44	GLAZED ALUMINUM CURTAIN WALL
08.44B	CURTAIN WALL SLIP CONNECTION
09.22C	3 5/8-INCH METAL STUDS @ 16-INCHES O.C.
09.22H	7/8-INCH HAT RIGID CHANNEL
09.29A	INTERIOR 5/8-INCH GYP. BD. REF: WALL TYPES
09.29E	INTERIOR 5/8-INCH GYP. BD., EXTENDS TO UNDERSIDE OF ROOF OR FLOOR ASSEMBLY, REF: WALL SCHEDULE
26.51B	EXTERIOR LIGHT FIXTURE RE: ELECTRICAL

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PACKAGE 2: CONSTRUCTION SET

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REVISION DATES:

3	ADDENDUM 3	11/18/2024

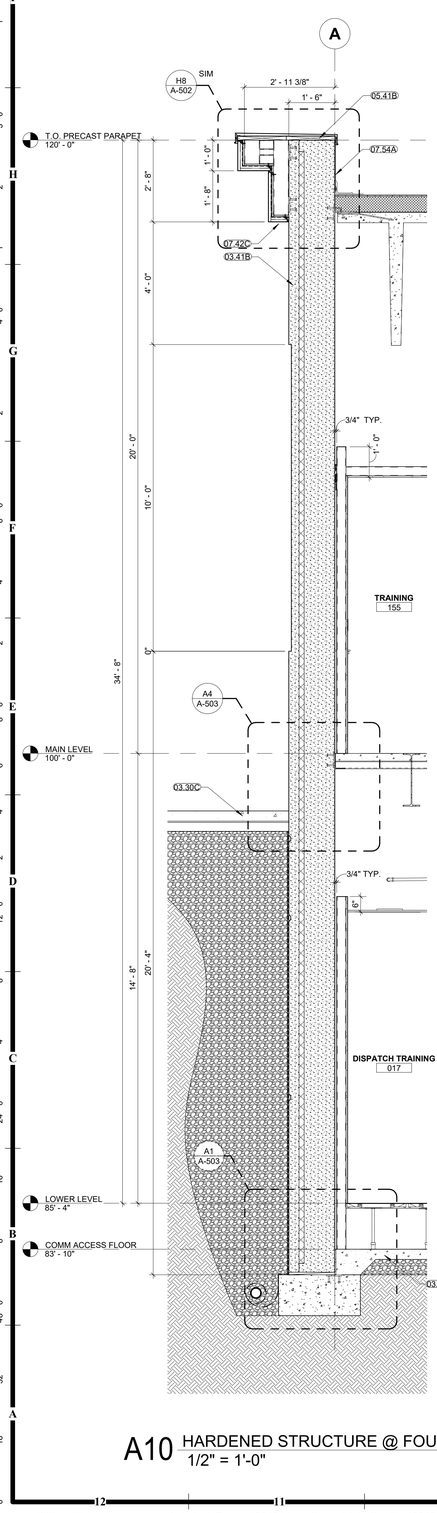
STATE OF MISSOURI
CHRISTOPHER KRUMREI
NUMBER A-2016011211
11/19/24
ARCHITECT

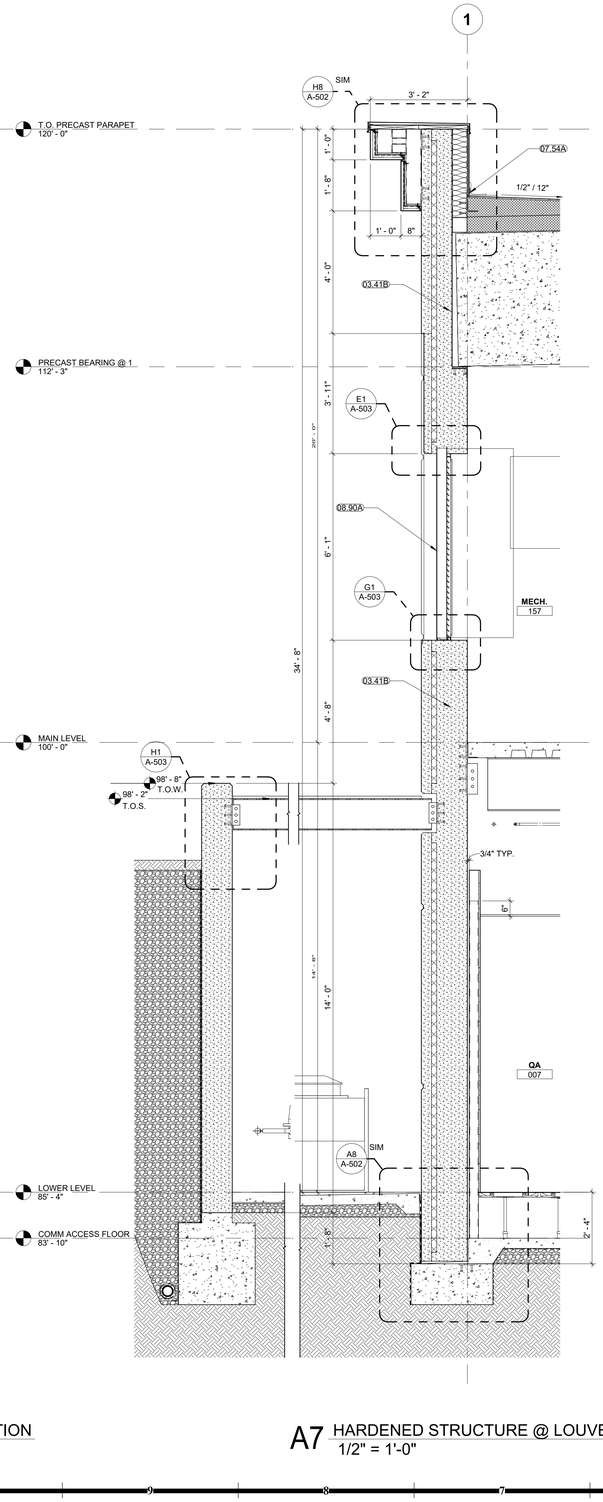
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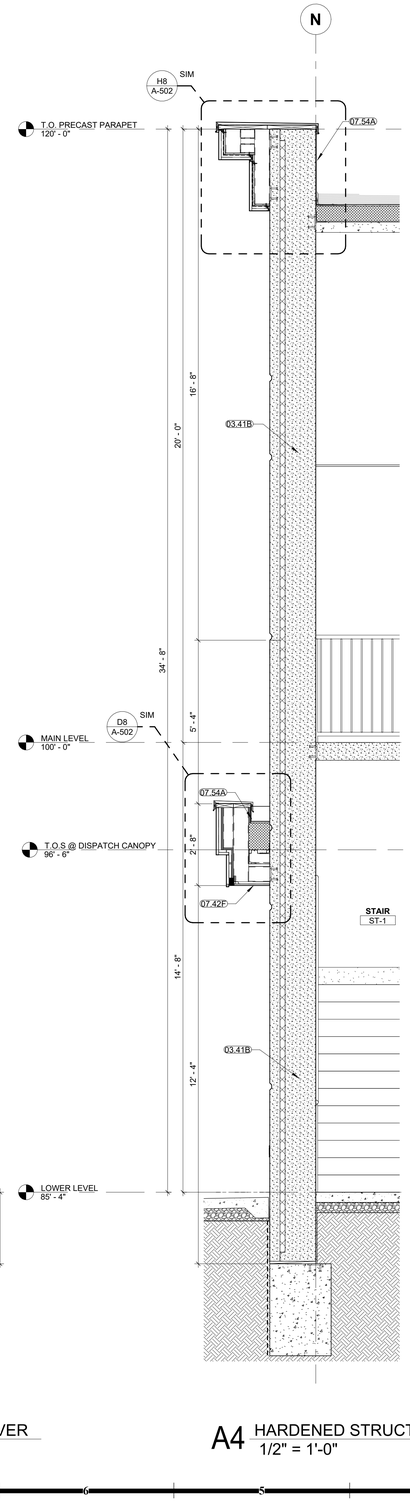
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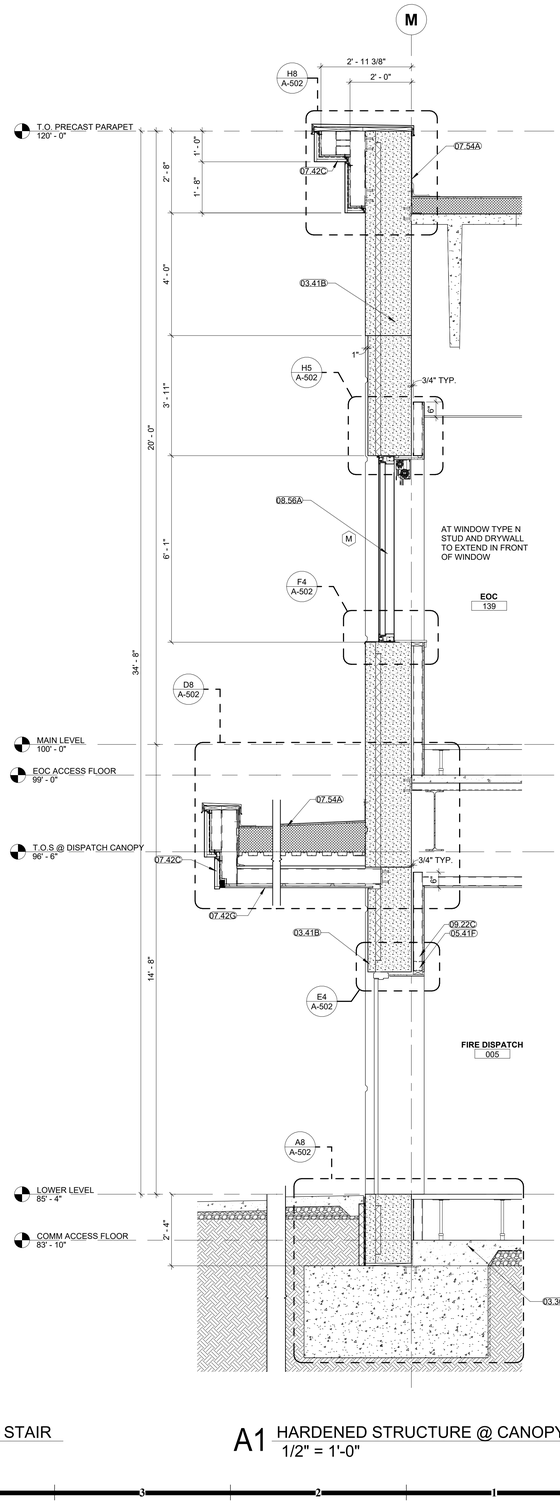
ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

WALL SECTIONS









A10 HARDENED STRUCTURE @ FOUNDATION
1/2" = 1'-0"

A7 HARDENED STRUCTURE @ LOUVER
1/2" = 1'-0"

A4 HARDENED STRUCTURE @ STAIR
1/2" = 1'-0"

A1 HARDENED STRUCTURE @ CANOPY
1/2" = 1'-0"

GENERAL NOTES – EXTERIOR WALL SECTIONS/ DETAILS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: FLOOR PLANS, ROOF PLAN AND ELEVATIONS FOR SECTION CUT LOCATIONS.
3. ALL WINDOW AND DOOR OPENING DIMENSIONS ARE ROUGH OPENING DIMENSIONS, UNLESS NOTED OTHERWISE.
4. DIMENSIONS SHOWN ON THE WALL SECTIONS ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
5. PAINT ALL EXPOSED STEEL, INCLUDING STEEL LINTELS, ETC. (TYP.)

MATERIAL KEYNOTES

03.30C	CONCRETE SLAB-ON-GRADE
03.41B	PRECAST CONCRETE WALL
05.41B	EXTERIOR NON-LOAD-BEARING MTL. C-STUDS - 3 5/8-INCH - RE: STRUCT. FOR SPACING
05.41F	EXTERIOR NON-LOAD-BEARING MTL. BOX BEAM HEADER
07.42C	METAL-FACED COMPOSITE WALL PANELS
07.42F	METAL WOOD LOOK SOFFIT PANELS
07.42G	METAL WOOD LOOK SOFFIT PANEL - VENTED
07.54A	THERMOPLASTIC POLYOLEFIN (TPO) ROOFING SYSTEM
08.56A	WIND AND IMPACT SECURITY WINDOWS
08.90A	ALUMINUM LOUVER
09.22C	3 5/8-INCH METAL STUDS @ 16-INCHES O.C.

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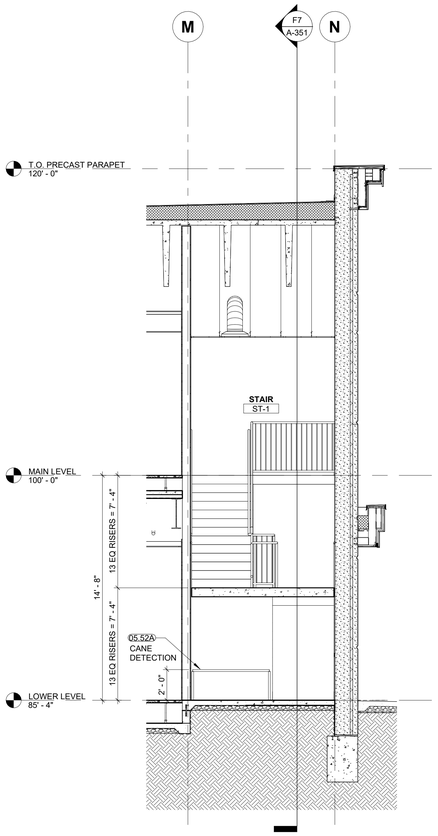
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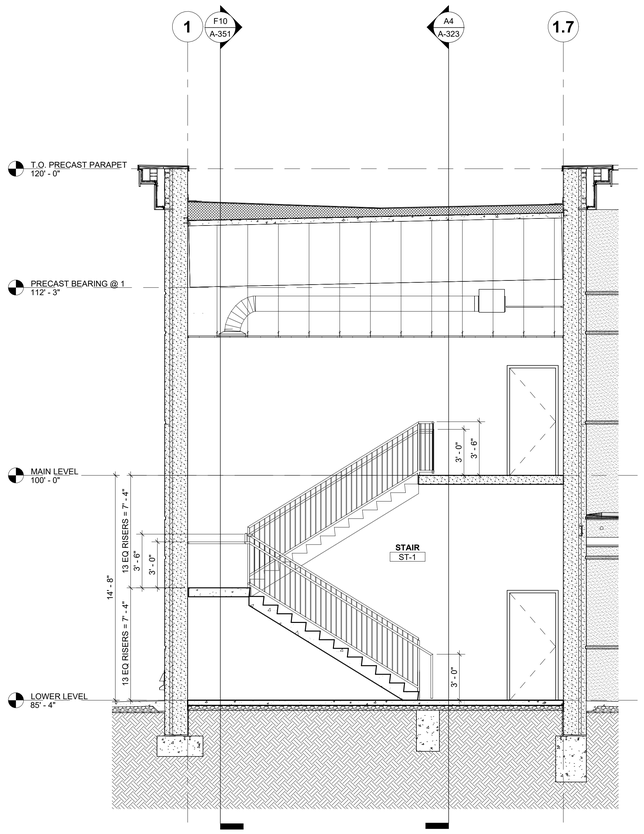
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ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

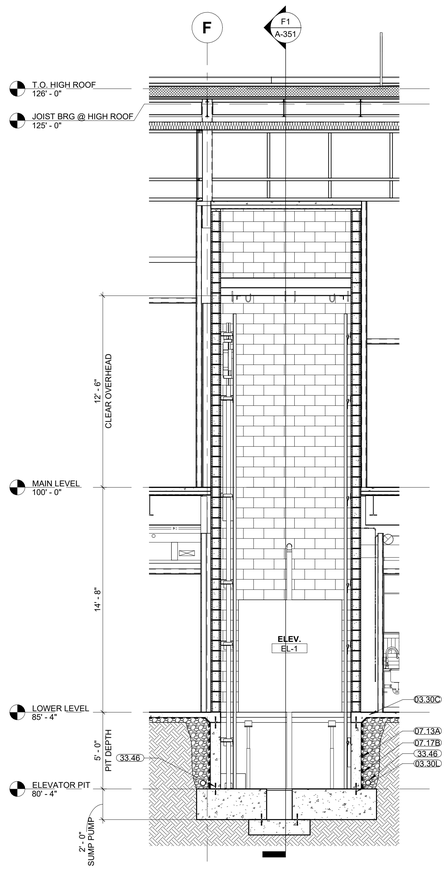
WALL SECTIONS



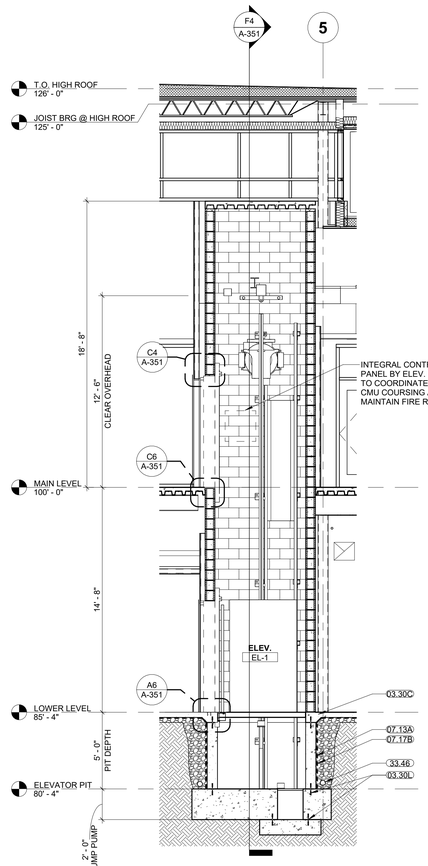
F10 STAIR ST-1 SECTION B
1/4" = 1'-0"



F7 STAIR ST-1 SECTION A
1/4" = 1'-0"



F4 EL-1 SECTION B
1/4" = 1'-0"



F1 EL-1 SECTION A
1/4" = 1'-0"

GENERAL NOTES - FLOOR PLANS:

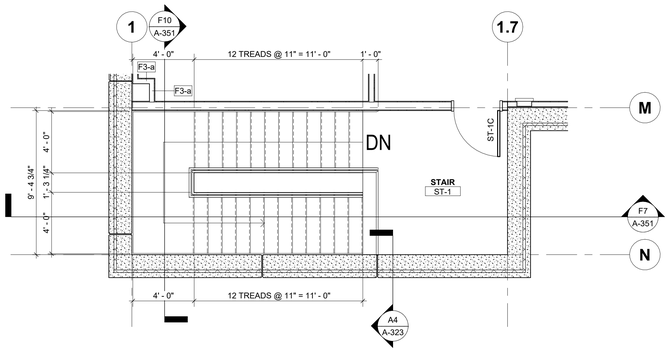
1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. ARCHITECTURAL ELEVATION 100'-0" = CIVIL ELEVATION 1024.67'
3. DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
4. FOR METAL STUD CONSTRUCTION DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF GYP. BOARD/ WALL (FOG), UNLESS NOTED OR SHOWN OTHERWISE.
5. NOTE: WALL THICKNESSES ARE ACTUAL DIMENSIONS.
6. DOOR OPENINGS NOT LOCATED BY DIMENSION SHALL BE CENTERED IN WALL SHOWN OR LOCATED 4 INCHES FROM FINISH WALL TO OUTSIDE FACE OF DOOR FRAME - HINGE SIDE, ALWAYS ALLOWING A MINIMUM OF 18" FROM THE PULL SIDE (STRIKE SIDE) OF THE DOOR TO THE INTERSECTING WALL, OR OTHER PROTRUDING OBJECTS.
7. ALL CLOSETS AND ALCOVES WITHOUT A SPACE IDENTIFICATION NUMBER SHALL HAVE THE SAME FINISHES AS THE ADJOINING SPACES.
8. ALL PUBLIC SPACES: THE WALLS WILL BE FINISHED WITH 5/8" GYP. BD. TO A LEVEL 4 FINISH AND PAINTED, UNLESS NOTED OR SPECIFIED OTHERWISE.
9. RE: FINISH LEGEND, AND SPECIFICATIONS FOR DOOR AND DOOR FRAME FINISHES.
10. ALL EXPOSED STEEL INCLUDING COLUMNS TO BE PAINTED WP4

GENERAL NOTES – EXTERIOR WALL SECTIONS/ DETAILS:

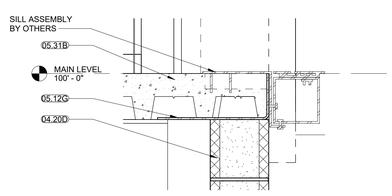
1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: FLOOR PLANS, ROOF PLAN AND ELEVATIONS FOR SECTION CUT LOCATIONS.
3. ALL WINDOW AND DOOR OPENING DIMENSIONS ARE ROUGH OPENING DIMENSIONS, UNLESS NOTED OTHERWISE.
4. DIMENSIONS SHOWN ON THE WALL SECTIONS ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
5. PAINT ALL EXPOSED STEEL, INCLUDING STEEL LINTELS, ETC. (TYP.)

MATERIAL KEYNOTES

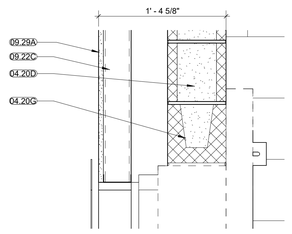
03.30C	CONCRETE SLAB-ON-GRADE
03.30K	UNDER-SLAB VAPOR RETARDER
03.30L	PVC WATER STOP
04.20D	CONCRETE MASONRY UNIT (CMU) - 7 5/8 INCH
04.20G	CONCRETE MASONRY UNIT (CMU) BOND BEAM GROUTED FULL
05.12G	STEEL BENT PLATE
05.31B	COMPOSITE FLOOR DECK
05.50E	METAL LADDERS
05.52A	STEEL PIPE/ TUBE RAILING
07.13A	SELF-ADHEARING SHEET WATERPROOFING MEMBRANE
07.17B	COMPOSITE HDPE/ BENTONITE-POLYMER WATERPROOFING MEMBRANE
09.22C	3 5/8-INCH METAL STUDS @ 16-INCHES O.C.
09.29A	INTERIOR 5/8-INCH GYP. BD. REF: WALL TYPES
14.24C	ELEVATOR SILL
31.20B	GRANULAR FILL
33.46	FOUNDATION DRAINAGE



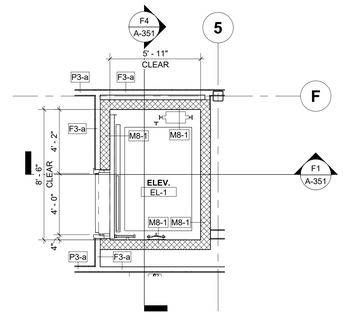
C8 MAIN LEVEL ST-1
1/4" = 1'-0"



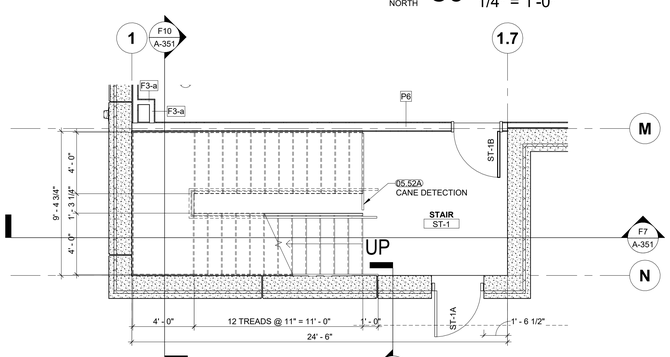
C6 ELEVATOR THRESHOLD AT CMU
1 1/2" = 1'-0"



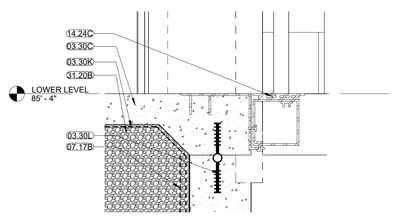
C4 ELEVATOR HEAD DETAIL @ CMU
1 1/2" = 1'-0"



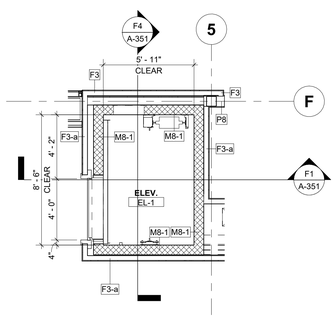
C1 LOWER LEVEL EL-1
1/4" = 1'-0"



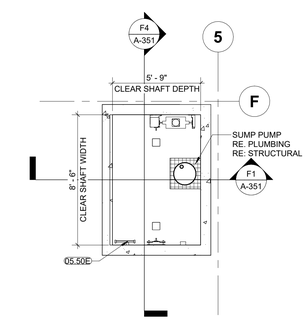
A8 LOWER LEVEL ST-1
1/4" = 1'-0"



A6 ELEVATOR THRESHOLD AT CONCRETE
1 1/2" = 1'-0"



A4 MAIN LEVEL EL-1
1/4" = 1'-0"



A1 PIT LEVEL EL-1
1/4" = 1'-0"

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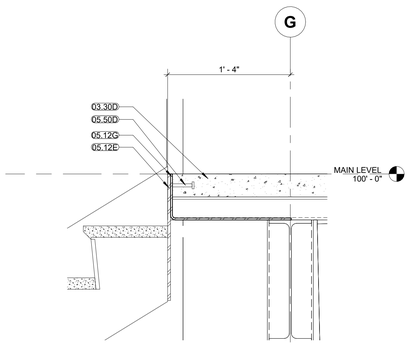
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ARCHITECT

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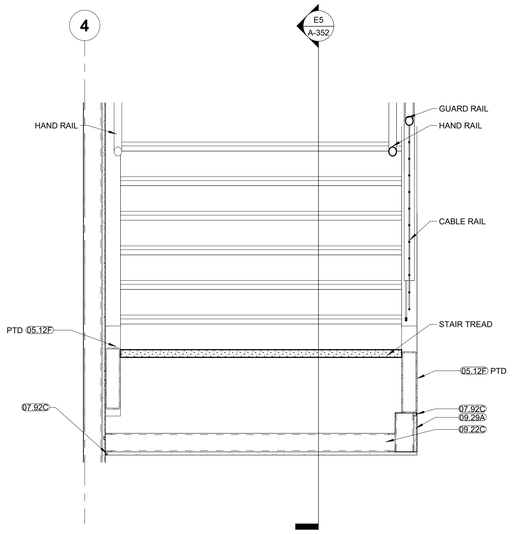
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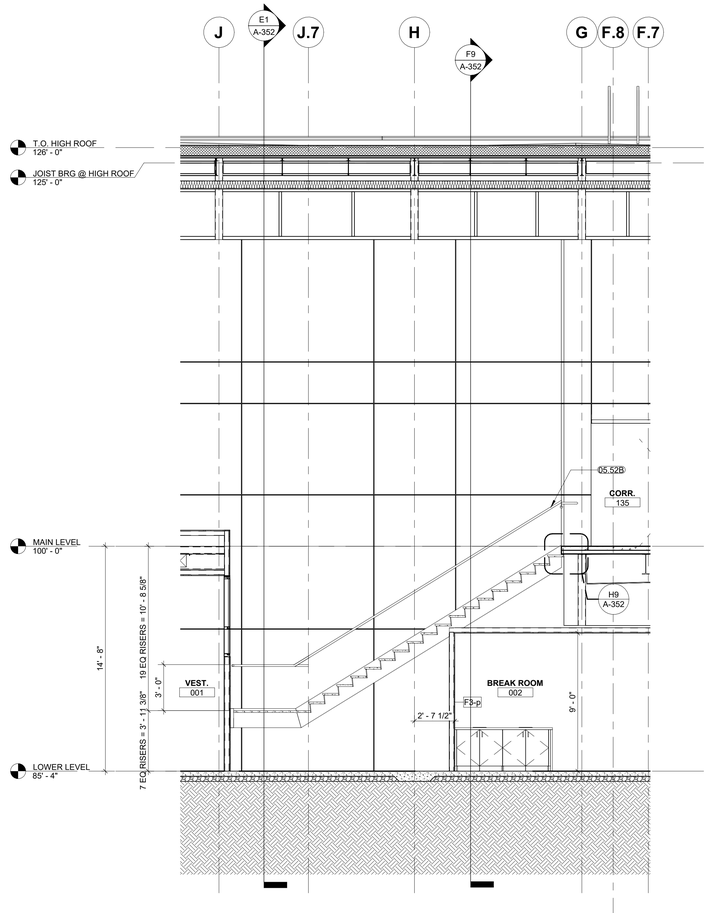
VERTICAL CIRCULATION PLANS AND SECTIONS



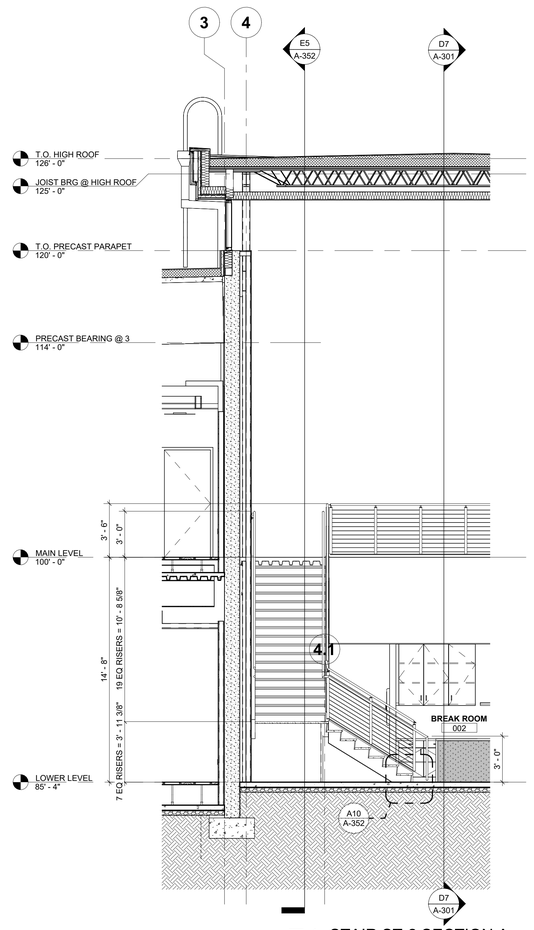
H9 METAL PAN STAIR @ DECK
1 1/2" = 1'-0"



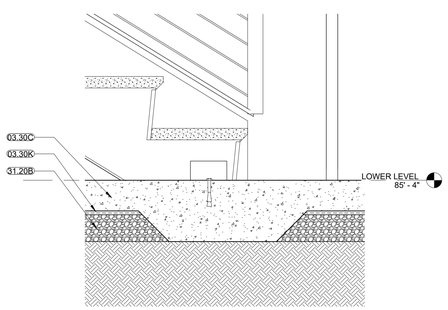
F9 GYP CEILING @ METAL PAN STAIR
1" = 1'-0"



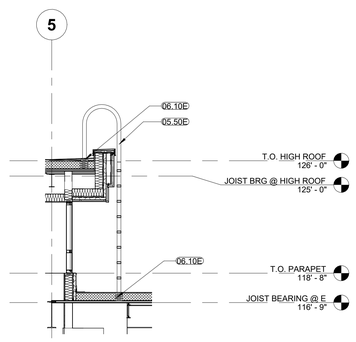
E5 STAIR ST-2 SECTION B
1/4" = 1'-0"



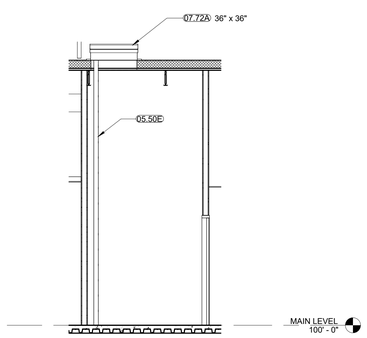
E1 STAIR ST-2 SECTION A
1/4" = 1'-0"



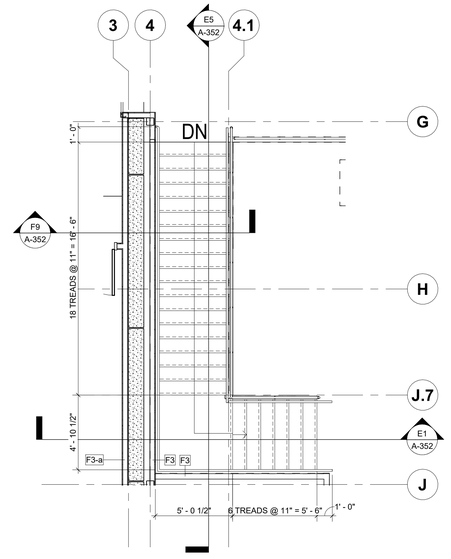
A10 METAL PAN STAIR BASE @ SLAB
1 1/2" = 1'-0"



A8 HIGH ROOF ACCESS LADDER
1/4" = 1'-0"



A5 ROOF ACCESS HATCH
1/4" = 1'-0"



NORTH

A1 MAIN LEVEL ST-2
1/4" = 1'-0"

GENERAL NOTES - FLOOR PLANS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. ARCHITECTURAL ELEVATION 100'-0" = CIVIL ELEVATION 1024.67'
3. DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
4. FOR METAL STUD CONSTRUCTION DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF GYP. BOARD/ WALL (FOG), UNLESS NOTED OR SHOWN OTHERWISE.
5. NOTE: WALL THICKNESSES ARE ACTUAL DIMENSIONS.
6. DOOR OPENINGS NOT LOCATED BY DIMENSION SHALL BE CENTERED IN WALL SHOWN OR LOCATED 4 INCHES FROM FINISH WALL TO OUTSIDE FACE OF DOOR FRAME - HINGE SIDE, ALWAYS ALLOWING A MINIMUM OF 18" FROM THE PULL SIDE (STRIKE SIDE) OF THE DOOR TO THE INTERSECTING WALL, OR OTHER PROTRUDING OBJECTS.
7. ALL CLOSETS AND ALCOVES WITHOUT A SPACE IDENTIFICATION NUMBER SHALL HAVE THE SAME FINISHES AS THE ADJOINING SPACES.
8. ALL PUBLIC SPACES: THE WALLS WILL BE FINISHED WITH 5/8" GYP. BD. TO A LEVEL 4 FINISH AND PAINTED, UNLESS NOTED OR SPECIFIED OTHERWISE.
9. RE: FINISH LEGEND, AND SPECIFICATIONS FOR DOOR AND DOOR FRAME FINISHES.
10. ALL EXPOSED STEEL INCLUDING COLUMNS TO BE PAINTED WP4

GENERAL NOTES – EXTERIOR WALL SECTIONS/ DETAILS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: FLOOR PLANS, ROOF PLAN AND ELEVATIONS FOR SECTION CUT LOCATIONS.
3. ALL WINDOW AND DOOR OPENING DIMENSIONS ARE ROUGH OPENING DIMENSIONS, UNLESS NOTED OTHERWISE.
4. DIMENSIONS SHOWN ON THE WALL SECTIONS ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
5. PAINT ALL EXPOSED STEEL, INCLUDING STEEL LINTELS, ETC. (TYP.)

MATERIAL KEYNOTES

03.30C	CONCRETE SLAB-ON-GRADE
03.30D	CONCRETE FLOOR
03.30K	UNDER-SLAB VAPOR RETARDER
05.12E	STEEL PLATE
05.12F	STEEL TUBE
05.12G	STEEL BENT PLATE
05.50D	STEEL EMBED ANGLE/ PLATE
05.50E	METAL LADDERS
05.52B	STAINLESS STEEL PIPE/ TUBE RAILING
06.10E	WOOD BLOCKING, AS REQUIRED
07.72A	ROOF HATCH 36" X 36"
07.92C	BACKER ROD AND SEALANT
09.22C	3 5/8-INCH METAL STUDS @ 16-INCHES O.C.
09.29A	INTERIOR 5/8-INCH GYP. BD. REF: WALL TYPES
31.20B	GRANULAR FILL

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LEE'S SUMMIT JOINT OPERATIONS FACILITY

PACKAGE 2: CONSTRUCTION SET

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

REVISION DATES:



PROFESSIONAL SEAL

A-352

ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

VERTICAL CIRCULATION PLANS AND SECTIONS

TOILET ACCESSORY SCHEDULE					
TYPE MARK	MANUFACTURER	DESCRIPTION	MODEL	FINISH	COMMENTS
1	BOBRICK	MIRROR WITH STAINLESS STEEL CHANNEL FRAME	B-165 1836	SATIN STAINLESS STEEL	3,5
2	BOBRICK	SURFACE MOUNTED PAPER TOWEL DISPENSER	B-9262	SATIN STAINLESS STEEL	3
3	BOBRICK	SEMI-RECESSED CONVERTIBLE AUTOMATIC TOWEL DISPENSER AND WASTE RECEPTACLE	B-3974	SATIN STAINLESS STEEL	2
4	BOBRICK	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	B-254	SATIN STAINLESS STEEL	3
5	BOBRICK	SURFACE MOUNTED TOILET TISSUE DISPENSER WITH UTILITY SHELF	B-2840	SATIN STAINLESS STEEL	3
6	BOBRICK	36" GRAB BAR	B-6806X36	SATIN STAINLESS STEEL	3
7	BOBRICK	42" GRAB BAR	B-6806X42	SATIN STAINLESS STEEL	3
8	BOBRICK	18" GRAB BAR	B-6806x18	SATIN STAINLESS STEEL	3
9	BOBRICK	60" GRAB BAR	B-6806X60	SATIN STAINLESS STEEL	3
10	BOBRICK	24" GRAB BAR	B-6806x24	SATIN STAINLESS STEEL	3
11	BOBRICK	12" GRAB BAR	B-6806x12	SATIN STAINLESS STEEL	3
12	BOBRICK	DOUBLE ROBE HOOK	B-6727	SATIN STAINLESS STEEL	3, 6
13	GRAB BAR SPECIALTIES	FOLDING SHOWER SEAT	62-TK26	TEAKWOOD	3
14	BOBRICK	BOBRICK B-6107 SHOWER CURTAIN ROD, SHOWER CURTAIN, & HOOKS	B-6107	STAINLESS STEEL	3

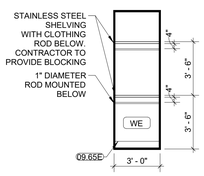
COMMENTS:
1. RECESSED
2. SEMI-RECESSED
3. SURFACE MOUNTED
4. MOUNT TOP OF UNIT AT 48" A.F.F.
5. CENTER ON SINK
6. INSTALL CENTERED ON INSIDE OF DOOR @ 4'-6" A.F.F.
7. TOILET PAPER DISPENSER SHALL BE 7" MIN. TO 9" MAX. IN. FROM EDGE OF W.C.

GENERAL NOTES:
A. REFER TO G-021 AND MANUFACTURERS SPECIFICATIONS FOR MOUNTING HEIGHTS.
B. COORDINATE ALL MOUNTING HEIGHTS W/ PLUMBING FIXTURES TO ALLOW PROPER OPERATION & INFORM ARCHITECT IN WRITING OF ANY CONFLICTS.
C. REFER TO ELEVATIONS AND GUIDESHEETS FOR ANY ACCESSORIES THAT MAY NOT SHOW UP ON THE PLANS.
D. G.C. TO COORDINATE DIRECTLY W/ OWNER TO DETERMINE IF ANY ITEMS WILL BE OWNER PROVIDED, CONTRACTOR INSTALLED; VERIFY ALL ITEMS W/ OWNER PRIOR TO PURCHASING.
E. ALL TOILET ACCESSORIES LOCATIONS BASED ON PLAN LAYOUT.

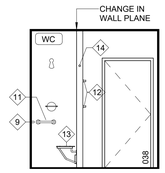
GENERAL NOTES - FLOOR PLANS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. ARCHITECTURAL ELEVATION 100'-0" = CIVIL ELEVATION 1024.67'
3. DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
4. FOR METAL STUD CONSTRUCTION DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF GYP. BOARD/ WALL (FOG), UNLESS NOTED OR SHOWN OTHERWISE.
5. NOTE: WALL THICKNESSES ARE ACTUAL DIMENSIONS.
6. DOOR OPENINGS NOT LOCATED BY DIMENSION SHALL BE CENTERED IN WALL SHOWN OR LOCATED 4 INCHES FROM FINISH WALL TO OUTSIDE FACE OF DOOR FRAME - HINGE SIDE, ALWAYS ALLOWING A MINIMUM OF 18" FROM THE PULL SIDE (STRIKE SIDE) OF THE DOOR TO THE INTERSECTING WALL, OR OTHER PROTRUDING OBJECTS.
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10. ALL EXPOSED STEEL INCLUDING COLUMNS TO BE PAINTED WP4

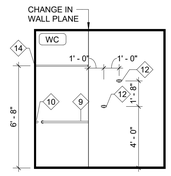
MATERIAL KEYNOTES	
06.40K	PLASTIC LAMINATE FILLER PANEL
09.30G	PORCELAIN TILE BASE
09.65E	BASE RE: FINISH SCHEDULE
10.21A	TOILET PARTITION
26.51A	INTERIOR LIGHT FIXTURE, TYP. RE: ELECTRICAL



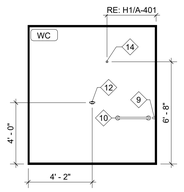
H9 LOCKER ROOM ALCOVE
1/4" = 1'-0"



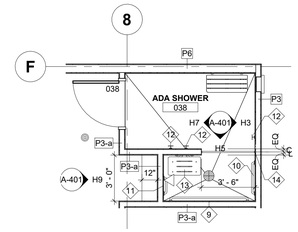
H7 038 SHOWER - S
1/4" = 1'-0"



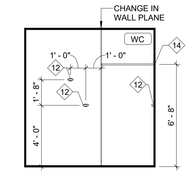
H5 038 SHOWER - E
1/4" = 1'-0"



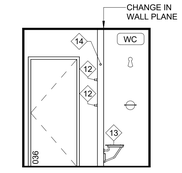
H3 038 SHOWER - N
1/4" = 1'-0"



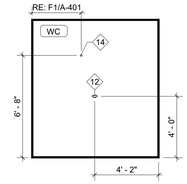
NORTH H1 038 SHOWER ROOM
1/4" = 1'-0"



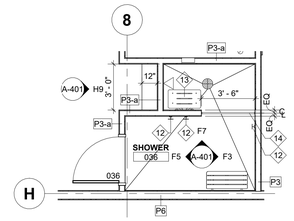
F7 036 SHOWER - W
1/4" = 1'-0"



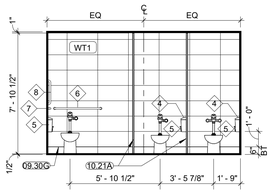
F5 036 SHOWER - S
1/4" = 1'-0"



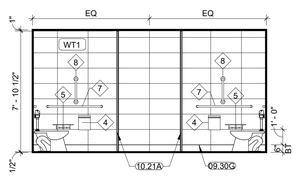
F3 036 SHOWER - N
1/4" = 1'-0"



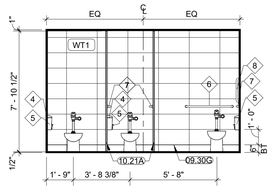
NORTH F1 036 SHOWER ROOM
1/4" = 1'-0"



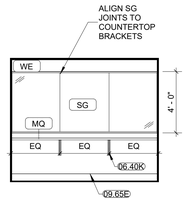
C11 031 RESTROOM TLTS - W
1/4" = 1'-0"



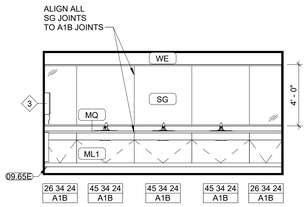
C9 031 RESTROOM TLTS - S
1/4" = 1'-0"



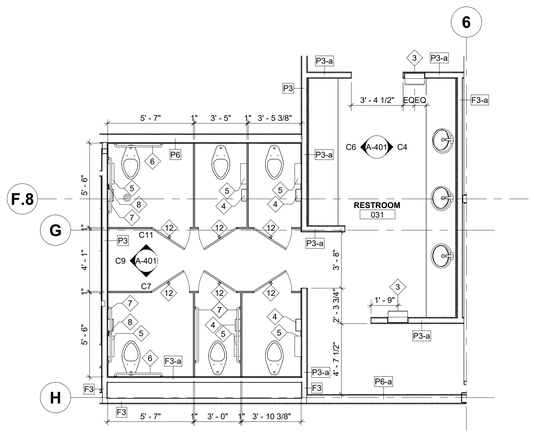
C7 031 RESTROOM TLTS - E
1/4" = 1'-0"



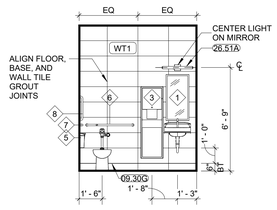
C6 031 RESTROOM - S
1/4" = 1'-0"



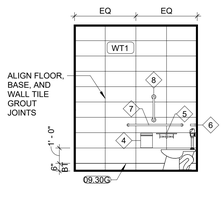
C4 031 RESTROOM - N
1/4" = 1'-0"



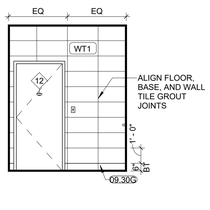
NORTH C1 031 RESTROOM
1/4" = 1'-0"



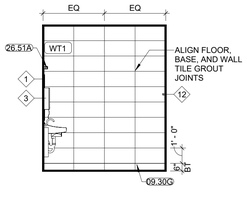
A9 012 W. RR - W
1/4" = 1'-0"



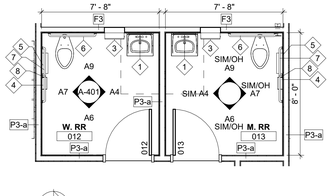
A7 012 W. RR - S
1/4" = 1'-0"



A6 012 W. RR - E
1/4" = 1'-0"



A4 012 W. RR - N
1/4" = 1'-0"



NORTH A1 012-013 RESTROOMS
1/4" = 1'-0"

WALL FINISH LEGEND
WT1
WT2
WT3
WT4

RE: FINISH SCHEDULE

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LEE'S SUMMIT JOINT OPERATIONS FACILITY

PACKAGE 2: CONSTRUCTION SET

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

REVISION DATES:

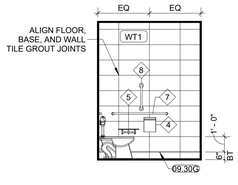
STATE OF MISSOURI
CHRISTOPHER KRUMREI
NUMBER A-2016012111
ARCHITECT

PROFESSIONAL SEAL

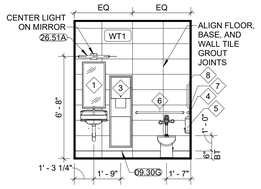
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ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

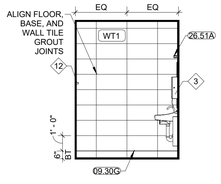
ENLARGED PLANS



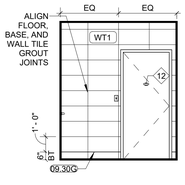
J11 137 RR - W
1/4" = 1'-0"



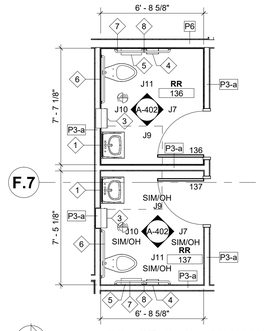
J10 137 RR - S
1/4" = 1'-0"



J9 137 RR - E
1/4" = 1'-0"



J7 137 RR - N
1/4" = 1'-0"

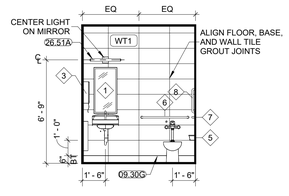


NORTH J5 136-137 RESTROOMS
1/4" = 1'-0"

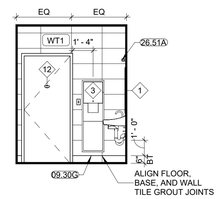
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13	GRAB BAR SPECIALTIES	FOLDING SHOWER SEAT	62-TK26	TEAKWOOD	3
14	BOBRICK	BOBRICK B-6107 SHOWER CURTAIN ROD, SHOWER CURTAIN, & HOOKS	B-6107	STAINLESS STEEL	3

COMMENTS:
1. RECESSED
2. SEMI-RECESSED
3. SURFACE MOUNTED
4. MOUNT TOP OF UNIT AT 48" A.F.F.
5. CENTER ON SINK
6. INSTALL CENTERED ON INSIDE OF DOOR @ 4'-6" A.F.F.
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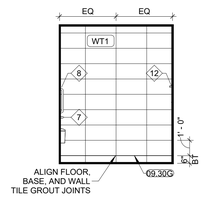
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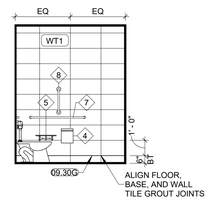
F8 130 RR - W
1/4" = 1'-0"



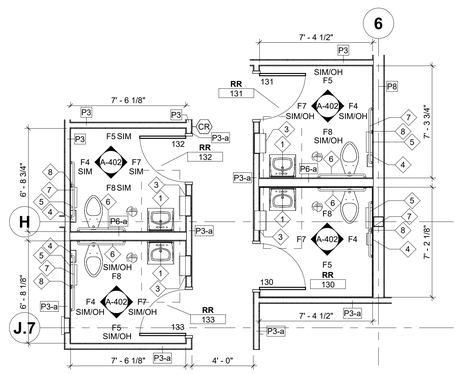
F7 130 RR - S
1/4" = 1'-0"



F5 130 RR - E
1/4" = 1'-0"



F4 130 RR - N
1/4" = 1'-0"



NORTH F1 FIRE ADMIN. RESTROOMS
1/4" = 1'-0"

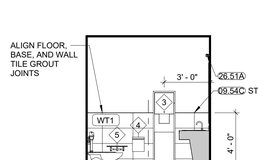
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1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. ARCHITECTURAL ELEVATION 100'-0" = CIVIL ELEVATION 1024.67'
3. DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
4. FOR METAL STUD CONSTRUCTION DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF GYP. BOARD/ WALL (FOG), UNLESS NOTED OR SHOWN OTHERWISE.
5. NOTE: WALL THICKNESSES ARE ACTUAL DIMENSIONS.
6. DOOR OPENINGS NOT LOCATED BY DIMENSION SHALL BE CENTERED IN WALL SHOWN OR LOCATED 4 INCHES FROM FINISH WALL TO OUTSIDE FACE OF DOOR FRAME - HINGE SIDE. ALWAYS ALLOWING A MINIMUM OF 18" FROM THE PULL SIDE (STRIKE SIDE) OF THE DOOR TO THE INTERSECTING WALL OR OTHER PROTRUDING OBJECTS.
7. ALL CLOSETS AND ALCOVES WITHOUT A SPACE IDENTIFICATION NUMBER SHALL HAVE THE SAME FINISHES AS THE ADJOINING SPACES.
8. ALL PUBLIC SPACES: THE WALLS WILL BE FINISHED WITH 5/8" GYP. BD. TO A LEVEL 4 FINISH AND PAINTED, UNLESS NOTED OR SPECIFIED OTHERWISE.
9. RE: FINISH LEGEND, AND SPECIFICATIONS FOR DOOR AND DOOR FRAME FINISHES.
10. ALL EXPOSED STEEL INCLUDING COLUMNS TO BE PAINTED WP4

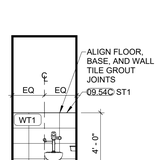
MATERIAL KEYNOTES	
09.30G	PORCELAIN TILE BASE
09.54C	METAL EDGE TRIM
09.65E	BASE RE: FINISH SCHEDULE
10.21A	TOILET PARTITION
26.51A	INTERIOR LIGHT FIXTURE, TYP. RE: ELECTRICAL



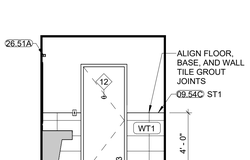
D8 123 RESTROOM - W
1/4" = 1'-0"



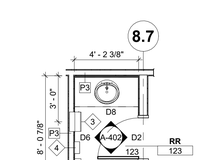
D6 123 RESTROOM - S
1/4" = 1'-0"



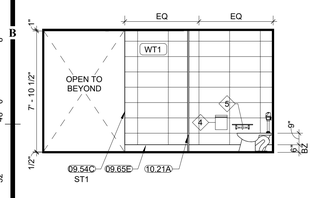
D4 123 RESTROOM - E
1/4" = 1'-0"



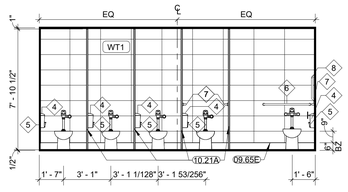
D2 123 RESTROOM - N
1/4" = 1'-0"



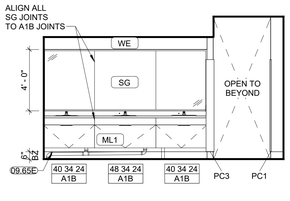
NORTH D1 123 RESTROOM
1/4" = 1'-0"



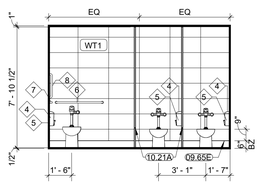
A11 103 PUBLIC RR - S
1/4" = 1'-0"



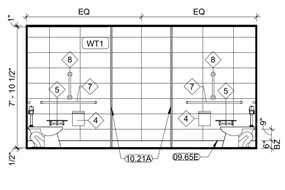
A9 103 PUBLIC RR - W
1/4" = 1'-0"



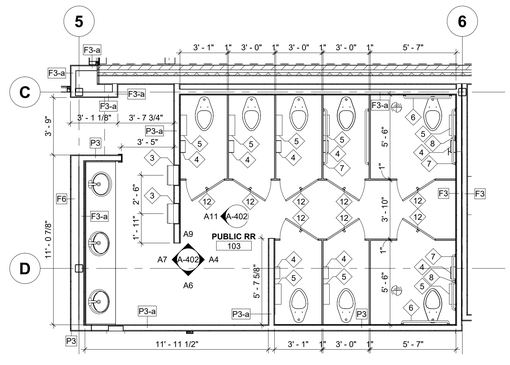
A7 103 PUBLIC RR SINK - S
1/4" = 1'-0"



A6 103 PUBLIC RR - E
1/4" = 1'-0"



A4 103 PUBLIC RR - N
1/4" = 1'-0"



NORTH A1 103 PUBLIC RESTROOMS
1/4" = 1'-0"

WALL FINISH LEGEND
WT1
WT2
WT3
WT4

RE: FINISH SCHEDULE

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LEE'S SUMMIT, MISSOURI 64086

PACKAGE 2: CONSTRUCTION SET

REVISION DATES:

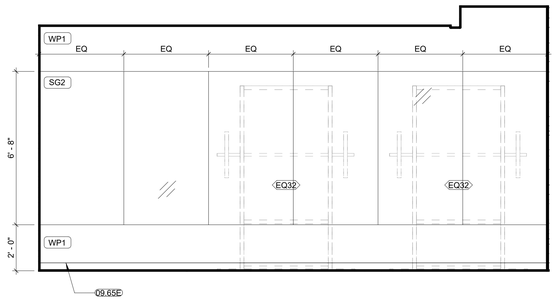
STATE OF MISSOURI
CHRISTOPHER KRUMREI
NUMBER A-2016012111
11/1/24
ARCHITECT

PROFESSIONAL SEAL

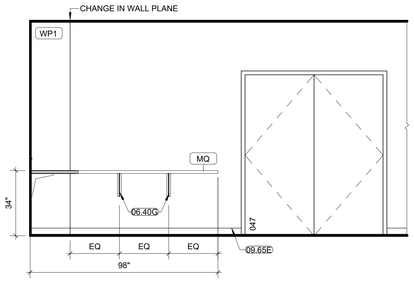
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ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

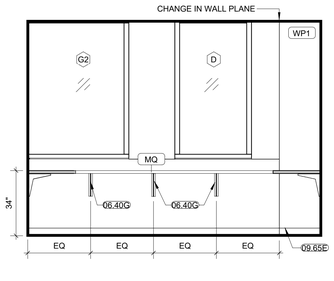
ENLARGED PLANS



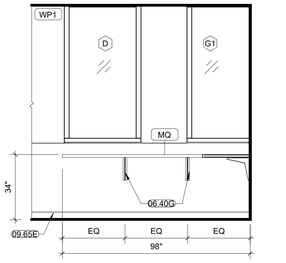
H10 049 FITNESS - N
3/8" = 1'-0"



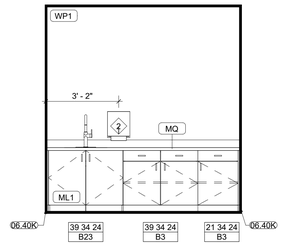
H8 047 IT WORK/STORAGE - S
3/8" = 1'-0"



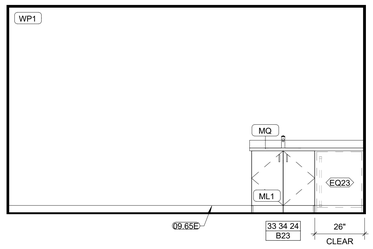
H6 047 IT WORK/STORAGE - E
3/8" = 1'-0"



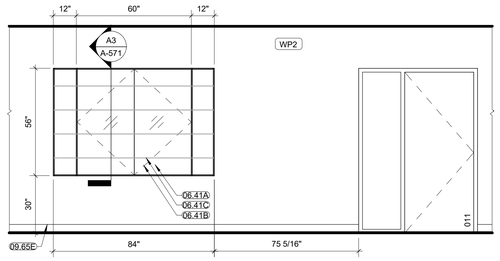
H3 047 IT WORK/STORAGE - N
3/8" = 1'-0"



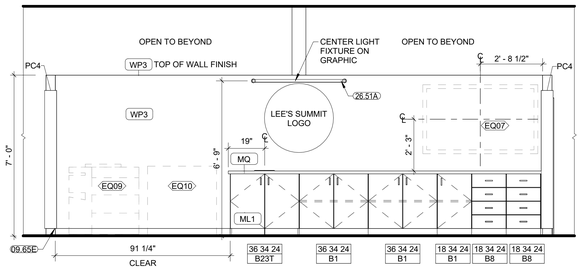
H1 035 LAUNDRY - W
3/8" = 1'-0"



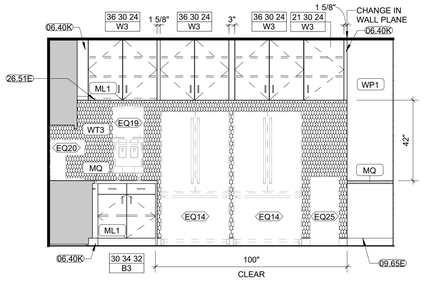
F7 027 QUIET ROOM - TYP
3/8" = 1'-0"



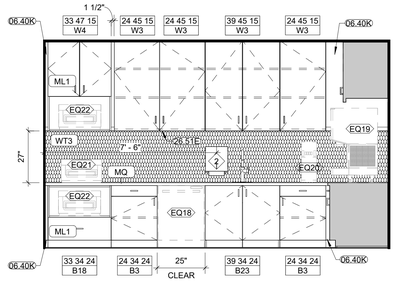
F4 018 CORRIDOR - E
3/8" = 1'-0"



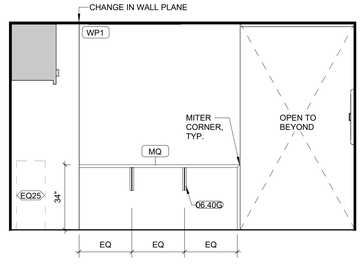
F1 010 COPY/WORK - E
3/8" = 1'-0"



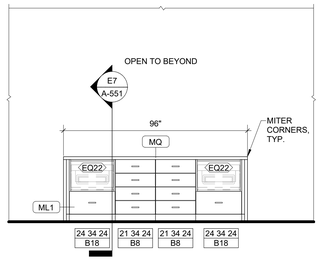
D9 009 KITCHEN - W
3/8" = 1'-0"



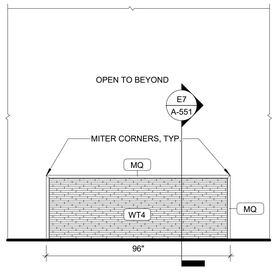
D6 009 KITCHEN - S
3/8" = 1'-0"



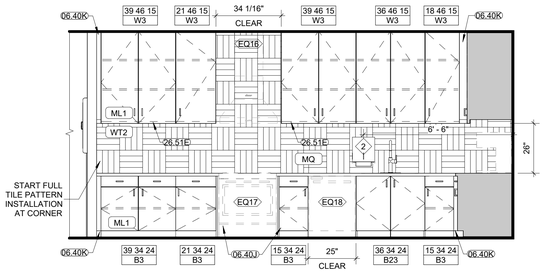
D4 009 KITCHEN - N
3/8" = 1'-0"



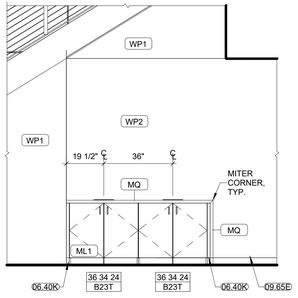
D1 002 BREAK ROOM ISLAND - E
3/8" = 1'-0"



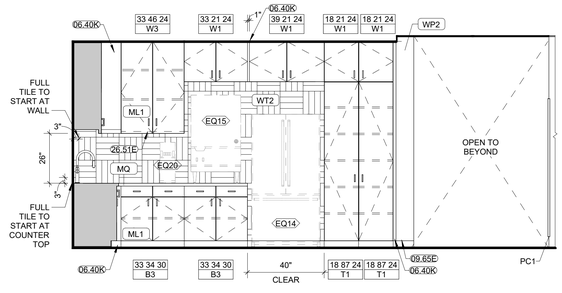
A10 002 BREAK ROOM ISLAND - W
3/8" = 1'-0"



A7 002 BREAK ROOM - W
3/8" = 1'-0"



A4 002 BREAK ROOM - S
3/8" = 1'-0"



A1 002 BREAK ROOM - N
3/8" = 1'-0"

GENERAL NOTES - INTERIOR ELEVATIONS & MILLWORK/ CASEWORK ELEVATIONS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: SHEET G-021 ACCESSIBILITY GUIDELINES FOR MOUNTING HEIGHTS OF FIXTURES AND ACCESSORIES.
3. RE: FINISH LEGEND AND FINISH PLANS FOR SPECIFIC FINISH INFORMATION AND LOCATIONS.
4. WALL FINISHES SHOWN ARE FOR ACCENT CLARIFICATION ONLY. RE: FINISH PLAN ROOM TAG & ELEVATIONS FOR ADDITIONAL ROOM FINISHES.
5. PROVIDE GYPSUM BOARD CONTROL JOINTS AT DOOR HEADERS WHERE GYPSUM BOARD EXCEEDS 30 FEET (TYP.), UNLESS SHOWN OTHERWISE. JOINTS TO BE LINED UP WITH BOTH SIDES OF DOOR FRAMES FOR DOORS 4'-0".
6. ALIGN BASE TILE JOINTS WITH FLOOR TILE JOINTS, UNLESS NOTED OR SHOWN OTHERWISE.
7. TRANSITION ALL WALL AND BASE FINISHES, AND/ OR COLOR CHANGES AT INSIDE CORNERS, UNLESS NOTED OTHERWISE. CONSULT ARCHITECT FOR CLARIFICATION, IF NECESSARY.
8. CONTINUE WALL FINISH BEHIND ALL FURNITURE AND EQUIPMENT, INCLUDING UNDER OPEN COUNTERS.
9. CONTINUE WALL BASE AT ALL WALLS, FURRED OUT COLUMNS, COLUMN COVERS, AT ALL CASEWORK TOE KICKS, SIDE PANELS, AND UNDER OPEN COUNTERS, UNLESS NOTED OTHERWISE.
10. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO MILLWORK/ CASEWORK FABRICATION & INSTALLATION.
11. ALL MILLWORK/CASEWORK CONSTRUCTION SHALL MEET AWI PREMIUM STANDARDS, UNLESS NOTED OR SPECIFIED OTHERWISE.
12. CONTRACTOR SHALL PROVIDE & INSTALL GROMMETS AT 48" O.C. MAX. AT ALL WORK STATIONS WITH OPEN KNEE SPACE. COORDINATE LOCATIONS DIRECTLY WITH OWNER. COLOR TO BE SELECTED BY ARCHITECT.
13. CONTRACTOR SHALL PROVIDE COUNTERTOP BRACKETS AT OPEN KNEE SPACES WIDER THAN 42" (TYP.), CENTER IN OPEN AREA, UNLESS NOTED OR SHOWN OTHERWISE. ARCHITECT TO SELECT COLOR.
14. ALL EXPOSED CASEWORK/ MILLWORK SURFACES SHALL BE FINISHED TO MATCH ADJACENT CASEWORK/ MILLWORK FINISH, UNLESS NOTED OTHERWISE.
15. ALL FILLER PANELS SHALL BE FINISHES TO MATCH ADJACENT SURFACES AND SCRIBED TO FIT ADJACENT WALL, UNLESS NOTED OTHERWISE. FILLER PANELS TO BE 1 1/2" MIN. OR 3" MAX. UNLESS NOTED OTHERWISE.
16. RE: ENLARGED FLOOR PLAN SHEETS FOR TOILET ACCESSORY SCHEDULE. FINISHED END PANEL SURFACES SHALL BE FINISHED TO MATCH ADJACENT CASEWORK/MILLWORK FINISH. PANELS TO BE 1 1/2" WIDE, UNLESS NOTED OTHERWISE.
17. RE: EQUIPMENT DRAWINGS & SPECS. FOR EQUIPMENT ITEMS SHOWN DASHED, PROVIDED BY EQUIP. CONSULTANT AND/ OR SUPPLIED BY OWNER. COORDINATE WITH OTHER TRADES AS NECESSARY.
18. MECH. & ELEC. SYMBOLS AND OUTLETS ARE SHOWN FOR REFERENCE ONLY. COORDINATE LOCATIONS WITH MEP DRAWINGS. CONSULT ARCHITECT FOR CLARIFICATION, IF NECESSARY.
19. RE: SHEET A/501 FOR FINISH DETAILS.
20. RE: FINISH LEGEND & DOOR SCHEDULE FOR INTERIOR DOOR AND DOOR FRAME COLORS.
21. TYPICAL MILLWORK FINISHES TO BE ML1 FOR CABINETS, MQ FOR COUNTERTOPS UNLESS NOTED OTHERWISE.
22. RE: TO A-551 FOR CASEWORK SECTION DETAILS.
23. RE: TO A-551 FOR COUNTERTOP SECTIONS BY FINISH MATERIAL.
    A. TYPE C3: MQ
    B. TYPE C4: MST

MATERIAL KEYNOTES

06.40G	COUNTER BRACKET
06.40J	PLASTIC LAMINATE FINISHED END PANEL
06.40K	PLASTIC LAMINATE FILLER PANEL
06.41A	GLASS DISPAY CASE
06.41B	GLASS DISPAY CASE DOOR
06.41C	GLASS DISPAY CASE SHELF
09.65E	BASE RE: FINISH SCHEDULE
26.51A	INTERIOR LIGHT FIXTURE, TYP. RE: ELECTRICAL
26.51E	UNDERCABINET LIGHTING RE: ELECTRICAL

WALL FINISH LEGEND

	WT1
	WT2
	WT3
	WT4

RE: FINISH SCHEDULE

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PACKAGE 2: CONSTRUCTION SET

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

REVISION DATES:

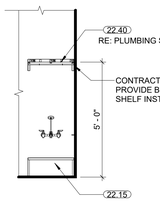
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CHRISTOPHER KRUMREI
NUMBER A-201601211
ARCHITECT

PROFESSIONAL SEAL

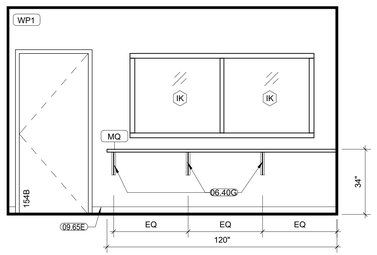
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ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

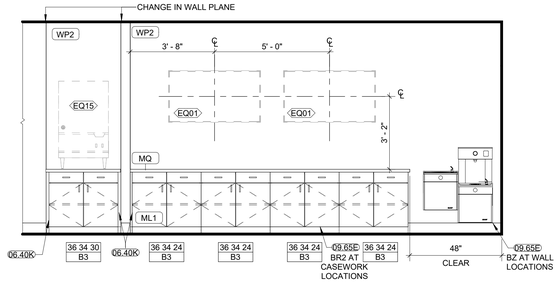
INTERIOR AND CASEWORK ELEVATIONS



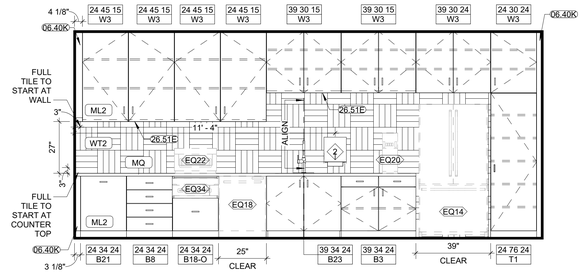
F11 JAN. MOP SINK, TYP.
3/8" = 1'-0"



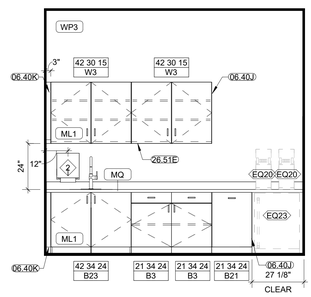
F8 154 VIEWING - N
3/8" = 1'-0"



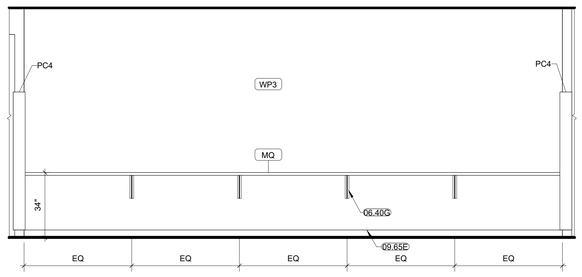
F5 150 CORRIDOR - W
3/8" = 1'-0"



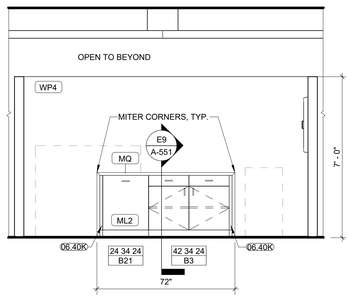
F1 148 KITCHEN - N
3/8" = 1'-0"



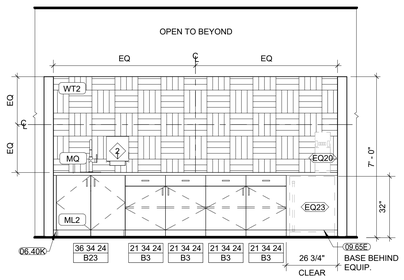
D9 139 EOC - W
3/8" = 1'-0"



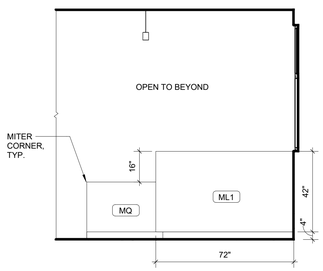
D6 109 OPEN OFFICE - W
3/8" = 1'-0"



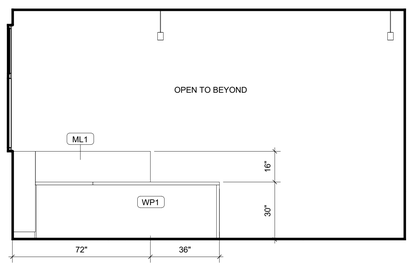
D4 108 COFFEE/COPY/WORK - S
3/8" = 1'-0"



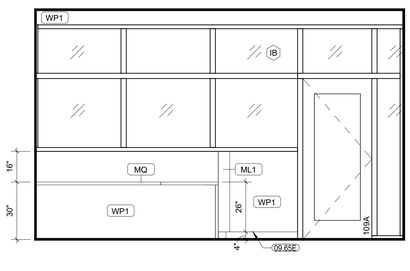
D1 108 COFFEE/COPY/WORK - N
3/8" = 1'-0"



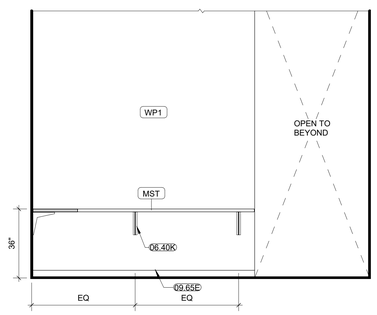
A11 158 RECPT DESK - E
3/8" = 1'-0"



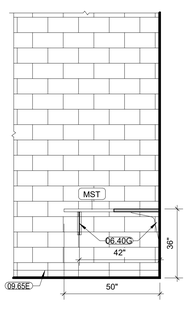
A8 158 RECPT DESK - W
3/8" = 1'-0"



A5 158 RECPT DESK - S
3/8" = 1'-0"



A3 039 GENERAL STORAGE - E
3/8" = 1'-0"



A1 039 GENERAL STORAGE - N
3/8" = 1'-0"

GENERAL NOTES - INTERIOR ELEVATIONS & MILLWORK/ CASEWORK ELEVATIONS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: SHEET G-021 ACCESSIBILITY GUIDELINES FOR MOUNTING HEIGHTS OF FIXTURES AND ACCESSORIES.
3. RE: FINISH LEGEND AND FINISH PLANS FOR SPECIFIC FINISH INFORMATION AND LOCATIONS.
4. WALL FINISHES SHOWN ARE FOR ACCENT CLARIFICATION ONLY. RE: FINISH PLAN ROOM TAG & ELEVATIONS FOR ADDITIONAL ROOM FINISHES.
5. PROVIDE GYPSUM BOARD CONTROL JOINTS AT DOOR HEADERS WHERE GYPSUM BOARD EXCEEDS 30 FEET (TYP.), UNLESS SHOWN OTHERWISE. JOINTS TO BE LINED UP WITH BOTH SIDES OF DOOR FRAMES FOR DOORS 4'-0".
6. ALIGN BASE TILE JOINTS WITH FLOOR TILE JOINTS, UNLESS NOTED OR SHOWN OTHERWISE.
7. TRANSITION ALL WALL AND BASE FINISHES, AND/ OR COLOR CHANGES AT INSIDE CORNERS, UNLESS NOTED OTHERWISE. CONSULT ARCHITECT FOR CLARIFICATION, IF NECESSARY.
8. CONTINUE WALL FINISH BEHIND ALL FURNITURE AND EQUIPMENT, INCLUDING UNDER OPEN COUNTERS.
9. CONTINUE WALL BASE AT ALL WALLS, FURRED OUT COLUMNS, COLUMN COVERS, AT ALL CASEWORK TOE KICKS, SIDE PANELS, AND UNDER OPEN COUNTERS, UNLESS NOTED OTHERWISE.
10. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO MILLWORK/ CASEWORK FABRICATION & INSTALLATION.
11. ALL MILLWORK/CASEWORK CONSTRUCTION SHALL MEET AWI PREMIUM STANDARDS, UNLESS NOTED OR SPECIFIED OTHERWISE.
12. CONTRACTOR SHALL PROVIDE & INSTALL GROMMETS AT 48" O.C. MAX. AT ALL WORK STATIONS WITH OPEN KNEE SPACE. COORDINATE LOCATIONS DIRECTLY WITH OWNER. COLOR TO BE SELECTED BY ARCHITECT.
13. CONTRACTOR SHALL PROVIDE COUNTERTOP BRACKETS AT OPEN KNEE SPACES WIDER THAN 42" (TYP.). CENTER IN OPEN AREA, UNLESS NOTED OR SHOWN OTHERWISE. ARCHITECT TO SELECT COLOR.
14. ALL EXPOSED CASEWORK/ MILLWORK SURFACES SHALL BE FINISHED TO MATCH ADJACENT CASEWORK/ MILLWORK FINISH, UNLESS NOTED OTHERWISE.
15. ALL FILLER PANELS SHALL BE FINISHES TO MATCH ADJACENT SURFACES AND SCRIBED TO FIT ADJACENT WALL, UNLESS NOTED OTHERWISE. FILLER PANELS TO BE 1 1/2" MIN. OR 3" MAX. UNLESS NOTED OTHERWISE.
16. RE: ENLARGED FLOOR PLAN SHEETS FOR TOILET ACCESSORY SCHEDULE. FINISHED END PANEL SURFACES SHALL BE FINISHED TO MATCH ADJACENT CASEWORK/MILLWORK FINISH. PANELS TO BE 1 1/2" WIDE, UNLESS NOTED OTHERWISE.
17. RE: EQUIPMENT DRAWINGS & SPECS. FOR EQUIPMENT ITEMS SHOWN DASHED, PROVIDED BY EQUIP. CONSULTANT AND/ OR SUPPLIED BY OWNER. COORDINATE WITH OTHER TRADES AS NECESSARY.
18. MECH. & ELEC. SYMBOLS AND OUTLETS ARE SHOWN FOR REFERENCE ONLY. COORDINATE LOCATIONS WITH MEP DRAWINGS. CONSULT ARCHITECT FOR CLARIFICATION, IF NECESSARY.
19. RE: SHEET AI501 FOR FINISH DETAILS.
20. RE: FINISH LEGEND & DOOR SCHEDULE FOR INTERIOR DOOR AND DOOR FRAME COLORS.
21. TYPICAL MILLWORK FINISHES TO BE ML1 FOR CABINETS, MQ FOR COUNTERTOPS UNLESS NOTED OTHERWISE.
22. RE: TO A-551 FOR CASEWORK SECTION DETAILS.
23. RE: TO A-551 FOR COUNTERTOP SECTIONS BY FINISH MATERIAL.
    A. TYPE C3: MQ
    B. TYPE C4: MST

MATERIAL KEYNOTES	
06.40G	COUNTER BRACKET
06.40J	PLASTIC LAMINATE FINISHED END PANEL
06.40K	PLASTIC LAMINATE FILLER PANEL
09.65E	BASE RE: FINISH SCHEDULE
22.15	MOP SINK
22.40	PLUMBING FIXTURE
26.51E	UNDERCABINET LIGHTING RE: ELECTRICAL

WALL FINISH LEGEND	
	WT1
	WT2
	WT3
	WT4

RE: FINISH SCHEDULE

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2 NE TUDOR RD
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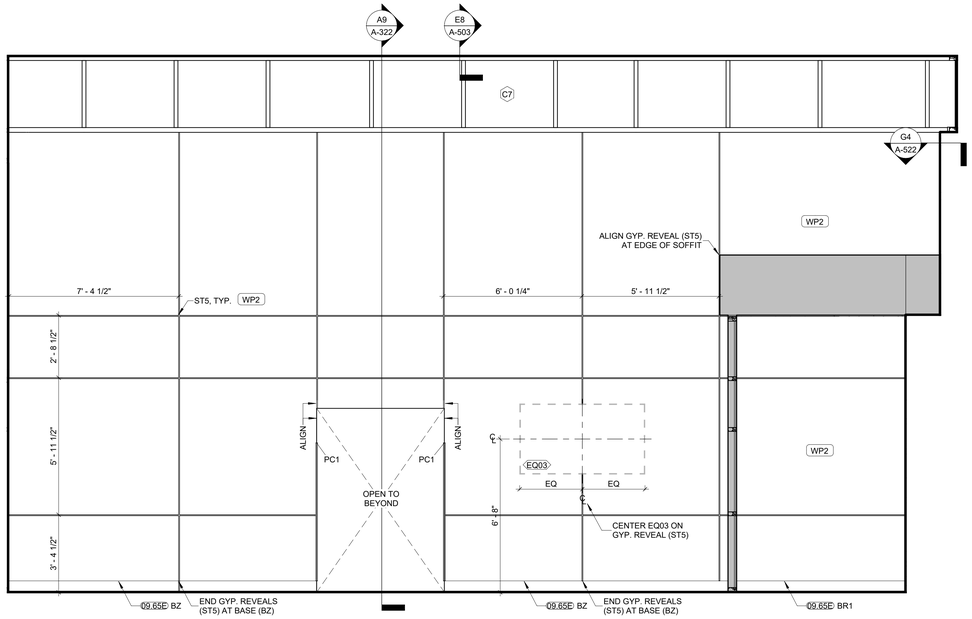
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NUMBER A-2016011211
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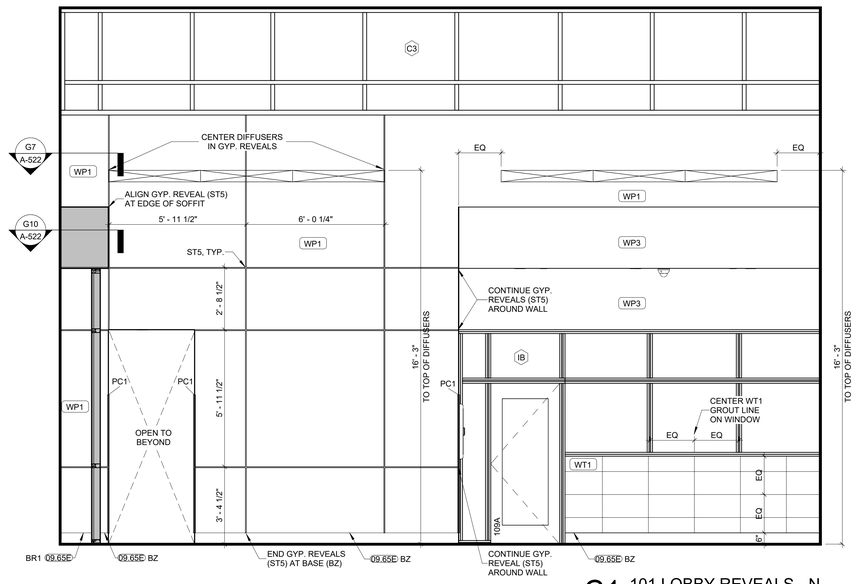
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ISSUE DATE: NOVEMBER 1, 2024
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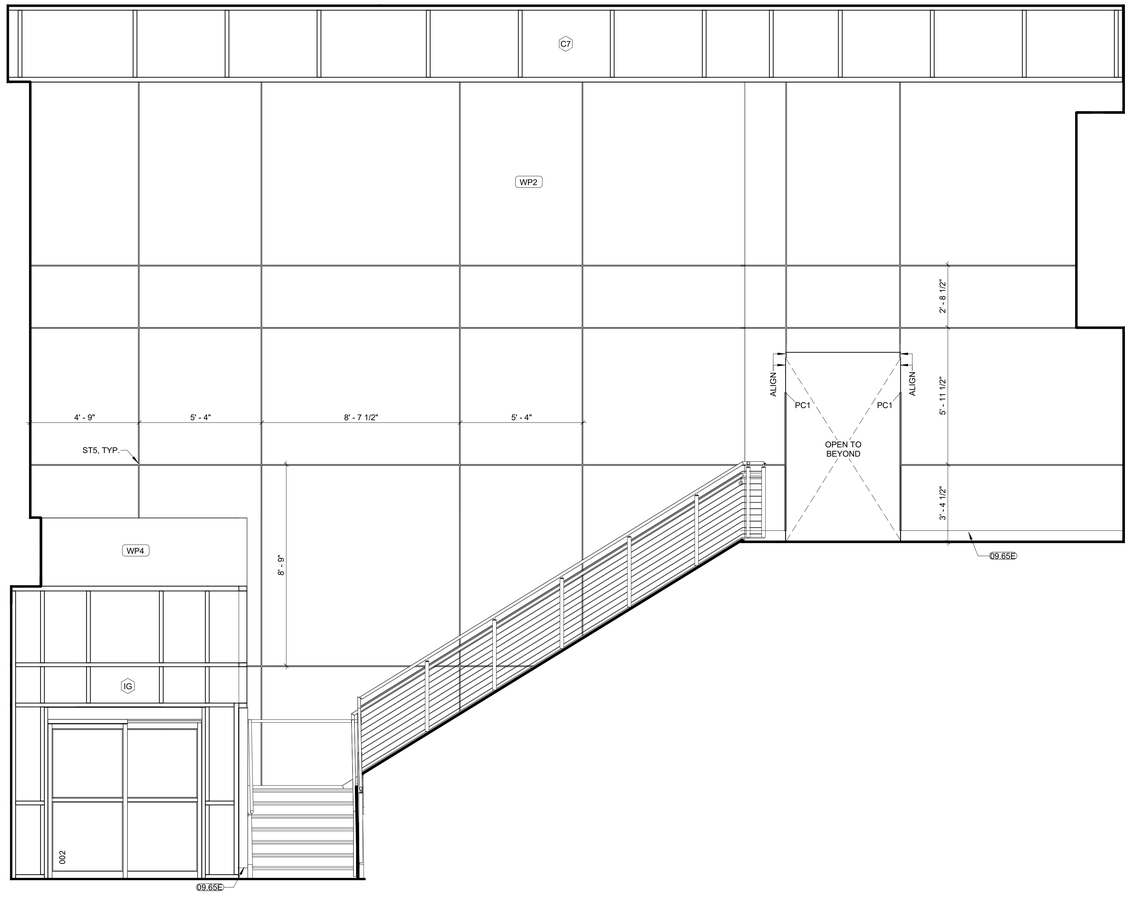
INTERIOR AND CASEWORK ELEVATIONS



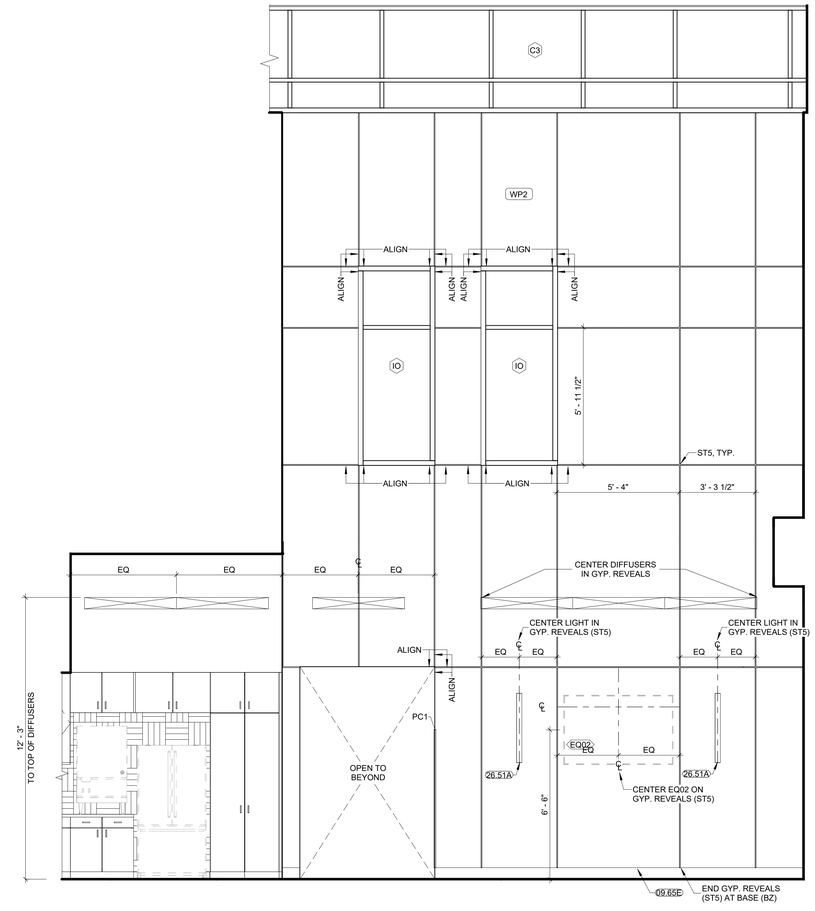
G6 101 LOBBY REVEALS - S
3/8" = 1'-0"



G1 101 LOBBY REVEALS - N
3/8" = 1'-0"



A5 002 BREAK ROOM REVEALS - S
3/8" = 1'-0"



A1 002 BREAK ROOM REVEALS - N
3/8" = 1'-0"

GENERAL NOTES - INTERIOR ELEVATIONS & MILLWORK/ CASEWORK ELEVATIONS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: SHEET G-021 ACCESSIBILITY GUIDELINES FOR MOUNTING HEIGHTS OF FIXTURES AND ACCESSORIES.
3. RE: FINISH LEGEND AND FINISH PLANS FOR SPECIFIC FINISH INFORMATION AND LOCATIONS.
4. WALL FINISHES SHOWN ARE FOR ACCENT CLARIFICATION ONLY. RE: FINISH PLAN ROOM TAG & ELEVATIONS FOR ADDITIONAL ROOM FINISHES.
5. PROVIDE GYPSUM BOARD CONTROL JOINTS AT DOOR HEADERS WHERE GYPSUM BOARD EXCEEDS 30 FEET (TYP.), UNLESS SHOWN OTHERWISE. JOINTS TO BE LINED UP WITH BOTH SIDES OF DOOR FRAMES FOR DOORS 4'-0".
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22. RE: TO A-551 FOR CASEWORK SECTION DETAILS.
23. RE: TO A-551 FOR CASEWORK SECTIONS BY FINISH MATERIAL.
    A. TYPE C3: MQ
    B. TYPE C4: MST

MATERIAL KEYNOTES

09.65E	BASE RE: FINISH SCHEDULE
26.51A	INTERIOR LIGHT FIXTURE, TYP. RE: ELECTRICAL

WALL FINISH LEGEND

	WT1
	WT2
	WT3
	WT4

RE: FINISH SCHEDULE

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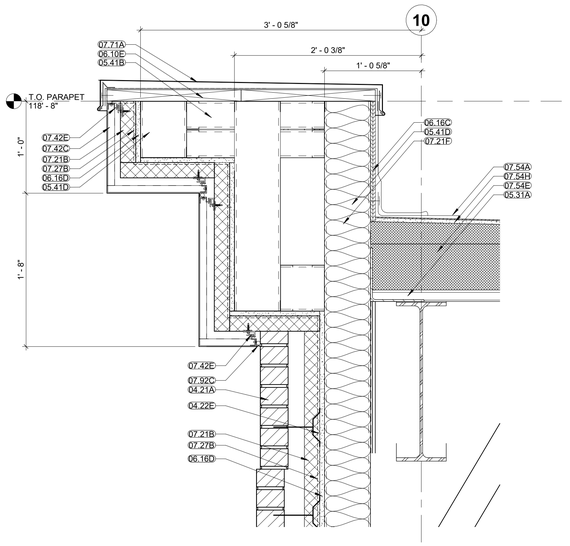
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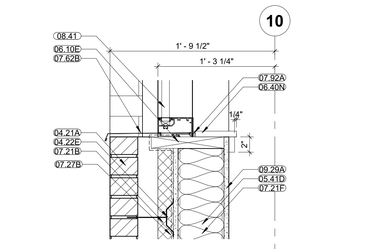
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ISSUE DATE: NOVEMBER 1, 2024
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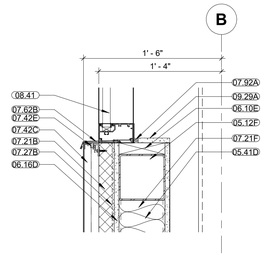
INTERIOR AND CASEWORK ELEVATIONS



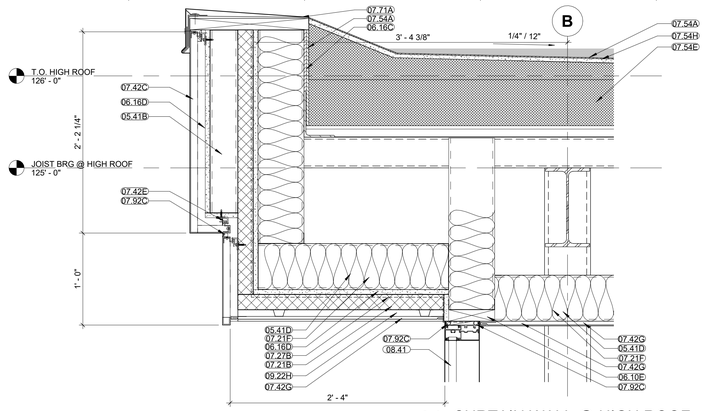
H10 FASCIA @ FIRE ADMINISTRATION
1 1/2" = 1'-0" G4 / A-202



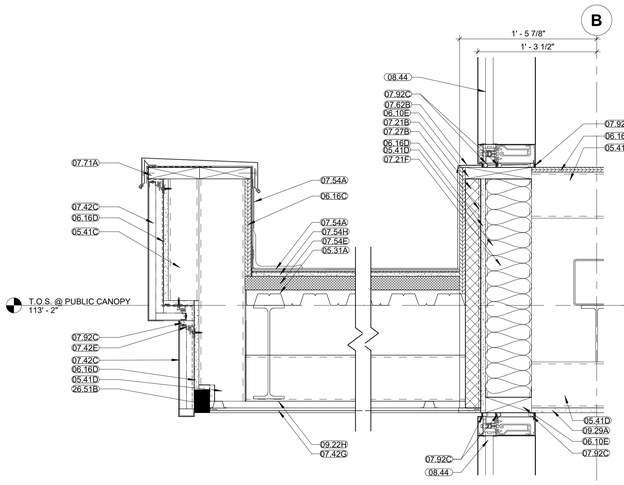
J7 FIRE ADMINISTRATION @ WINDOW SILL
1 1/2" = 1'-0" A9 / A-321



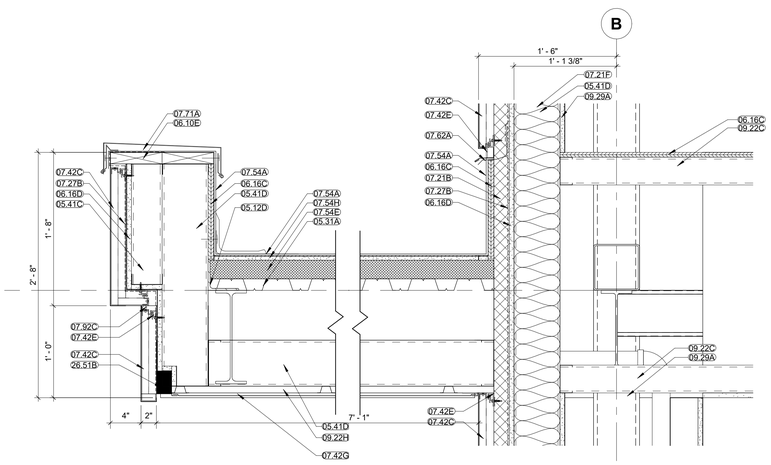
J6 SF SILL @ METAL PANEL
1 1/2" = 1'-0" A1 / A-321



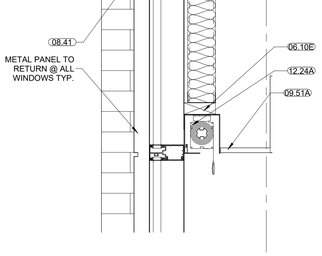
J1 CURTAIN WALL @ HIGH ROOF
1 1/2" = 1'-0" A1 / A-321



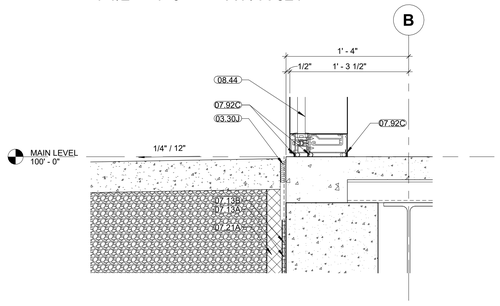
F6 PUBLIC ENTRY CANOPY @ CURTAINWALL
1 1/2" = 1'-0" A4 / A-321



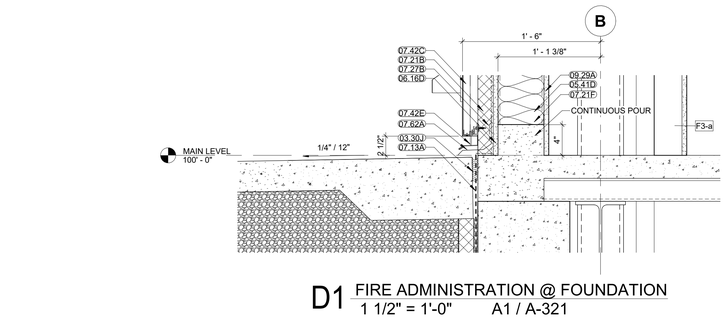
F1 PUBLIC ENTRY CANOPY @ METAL PANEL
1 1/2" = 1'-0" J4 / A-103



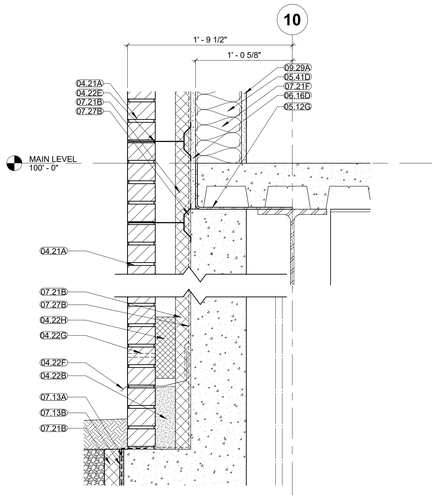
D10 FIRE ADMINISTRATION @ WINDOW HEAD
1 1/2" = 1'-0" G4 / A-202



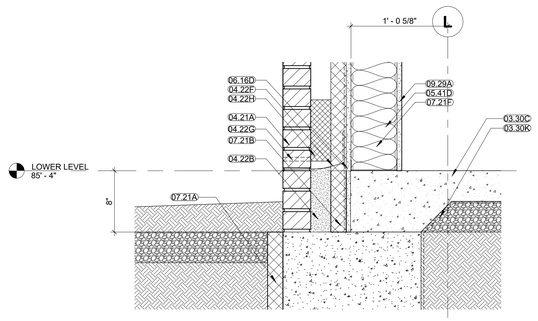
C6 LOBBY @ CURTAIN WALL
1 1/2" = 1'-0" A4 / A-321



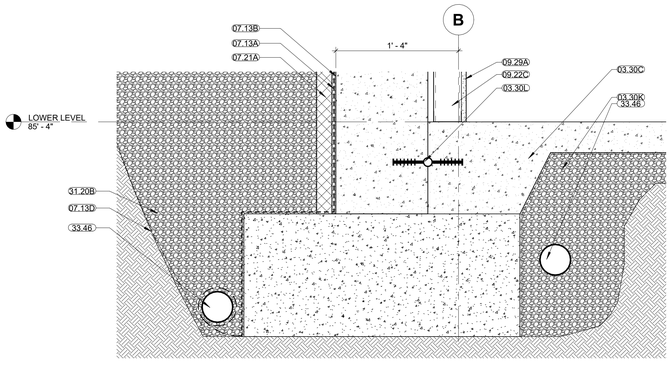
D1 FIRE ADMINISTRATION @ FOUNDATION
1 1/2" = 1'-0" A1 / A-321



A10 FIRE ADMINISTRATION @ FOUNDATION
1 1/2" = 1'-0" A9 / A-321



A6 FIRE ADMINISTRATION SECTION
1 1/2" = 1'-0" G4 / A-202



A1 LOBBY @ METAL PANEL
1 1/2" = 1'-0" A1 / A-321

GENERAL NOTES – EXTERIOR WALL SECTIONS/ DETAILS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: FLOOR PLANS, ROOF PLAN AND ELEVATIONS FOR SECTION CUT LOCATIONS.
3. ALL WINDOW AND DOOR OPENING DIMENSIONS ARE ROUGH OPENING DIMENSIONS, UNLESS NOTED OTHERWISE.
4. DIMENSIONS SHOWN ON THE WALL SECTIONS ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
5. PAINT ALL EXPOSED STEEL, INCLUDING STEEL LINTELS, ETC. (TYP.)

MATERIAL KEYNOTES

03.30C	CONCRETE SLAB-ON-GRADE
03.30J	1/2-INCH COMPRESSIBLE JOINT FILLER (HOLD DOWN TOP 1/2-INCH - FILL W/ SEALANT.)
03.30K	UNDER-SLAB VAPOR RETARDER
03.30L	PVC WATER STOP
04.21A	FACE BRICK
04.22B	GROUT SOLID - MASONRY CELLS
04.22E	TIES AND ANCHORS
04.22F	THROUGH-WALL MEMBRANE FLASHING WITH METAL DRIP EDGE
04.22G	WEEP VENTS @ 24-INCH O.C.
04.22H	CAVITY DRAINAGE MATERIAL (MORTAR NET)
05.12D	STEEL ANGLE
05.12E	STEEL PLATE
05.12F	STEEL TUBE
05.12G	STEEL BENT PLATE
05.31A	STEEL ROOF DECK
05.41B	EXTERIOR NON-LOAD-BEARING MTL. C-STUDS - 3 5/8-INCH - RE: STRUCT. FOR SPACING
05.41C	EXTERIOR NON-LOAD-BEARING MTL. C-STUDS - 4-INCH - RE: STRUCT. FOR SPACING
05.41D	EXTERIOR NON-LOAD-BEARING MTL. C-STUDS - 6-INCH - RE: STRUCT. FOR SPACING
06.10E	WOOD BLOCKING, AS REQUIRED
06.16A	1/2-INCH FIRE-RETARDANT-TREATED PLYWOOD SHEATHING
06.16C	3/4-INCH FIRE-RETARDANT-TREATED PLYWOOD SHEATHING
06.16D	EXTERIOR GLASS-MAT GYPSUM WALL SHEATHING W/ TAPED AND SEALED SEAMS
06.40N	SOLID-SURFACING-MATERIAL COUNTERTOP
07.13A	SELF-ADHEARING SHEET WATERPROOFING MEMBRANE
07.13B	MATRIX DRAINAGE SYSTEM
07.13D	FILTER FABRIC
07.21A	2-INCH RIGID PERIMETER SLAB-ON-GRADE INSULATION
07.21B	EXTRUDED-POLYSTYRENE BOARD INSULATION WITH TAPED AND SEALED SEAMS
07.21E	3-1/2-INCH THERMAL BATT INSULATION
07.21F	6-INCH THERMAL BATT INSULATION
07.27B	FLUID-APPLIED MEMBRANE AIR BARRIER
07.42C	METAL-FACED COMPOSITE WALL PANELS
07.42E	CONCEALED WALL PANEL FASTENERS
07.42G	METAL WOOD LOOK SOFFIT PANEL - VENTED
07.54A	THERMOPLASTIC POLYOLEFIN (TPO) ROOFING SYSTEM
07.54E	RIGID ROOF INSULATION
07.54H	ROOFING COVER BOARD
07.62A	PREFINISHED SHEET METAL FLASHING
07.62B	PREFINISHED METAL SILL FLASHING
07.71A	PREFINISHED METAL COPING & CONT. CLEAT
07.92A	JOINT SEALANT
07.92C	BACKER ROD AND SEALANT
08.41	ALUMINUM-FRAMED STOREFRONT SYSTEM
08.44	GLAZED ALUMINUM CURTAIN WALL
09.22C	3 5/8-INCH METAL STUDS @ 16-INCHES O.C.
09.22H	7/8-INCH HAT RIGID CHANNEL
09.29A	INTERIOR 5/8-INCH GYP. BD. REF: WALL TYPES
09.51A	ACOUSTICAL PANEL CEILING W/ EXPOSED GRID
12.24A	ROLLER WINDOW SHADE - SINGLE SHADE
26.51B	EXTERIOR LIGHT FIXTURE RE: ELECTRICAL
31.20B	GRANULAR FILL
33.46	FOUNDATION DRAINAGE

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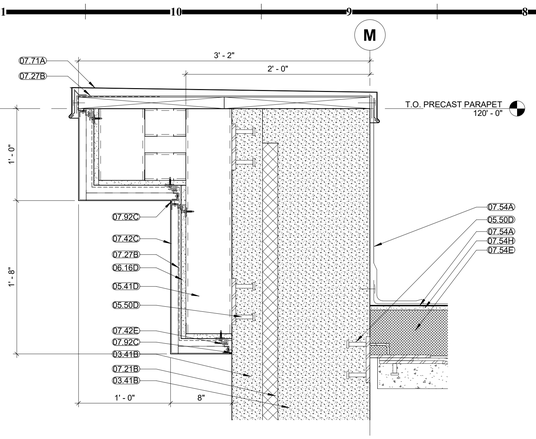
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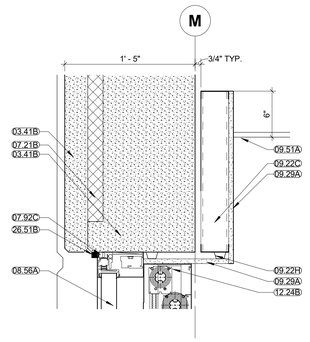
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ISSUE DATE: NOVEMBER 1, 2024
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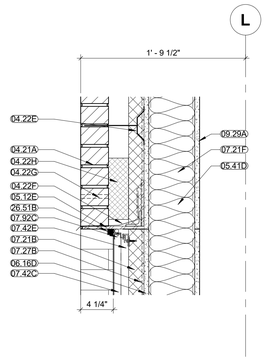
EXTERIOR SECTION DETAILS



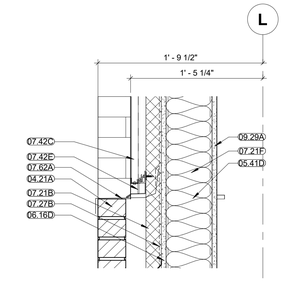
H8 HARDENED STRUCTURE @ COPING
1 1/2" = 1'-0" G7 / A-202



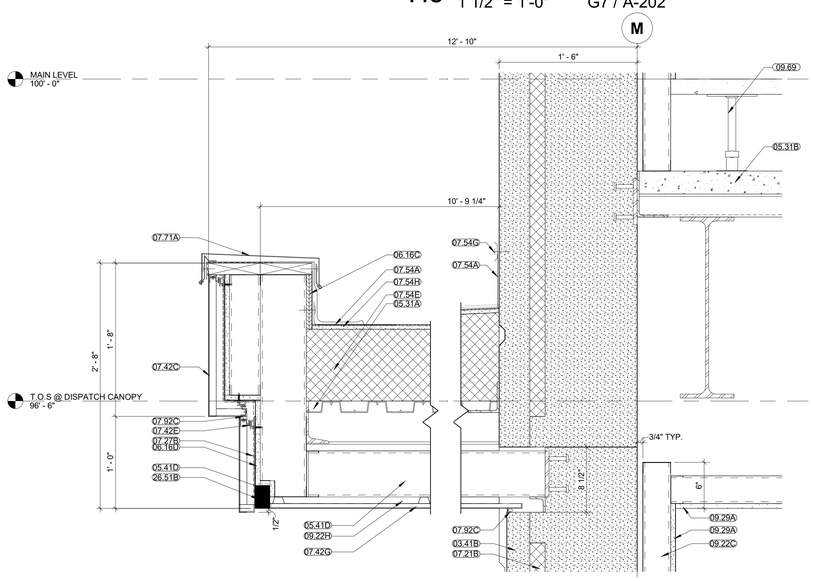
H5 HARDENED STRUCTURE @ WINDOW HEAD
1 1/2" = 1'-0" G7 / A-202



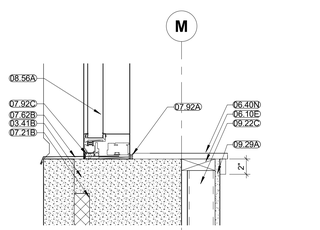
H3 MASONRY LINTEL @ METAL PANEL
1 1/2" = 1'-0" A1 / A-322



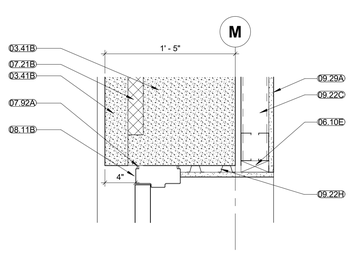
H1 METAL PANEL SILL @ MASONRY
1 1/2" = 1'-0" A1 / A-322



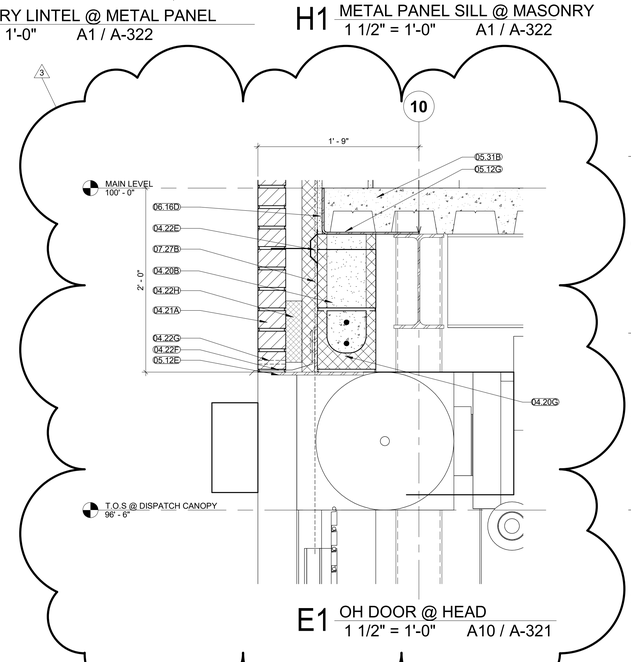
D8 HARDENED STRUCTURE @ CANOPY
1 1/2" = 1'-0" J4 / A-103



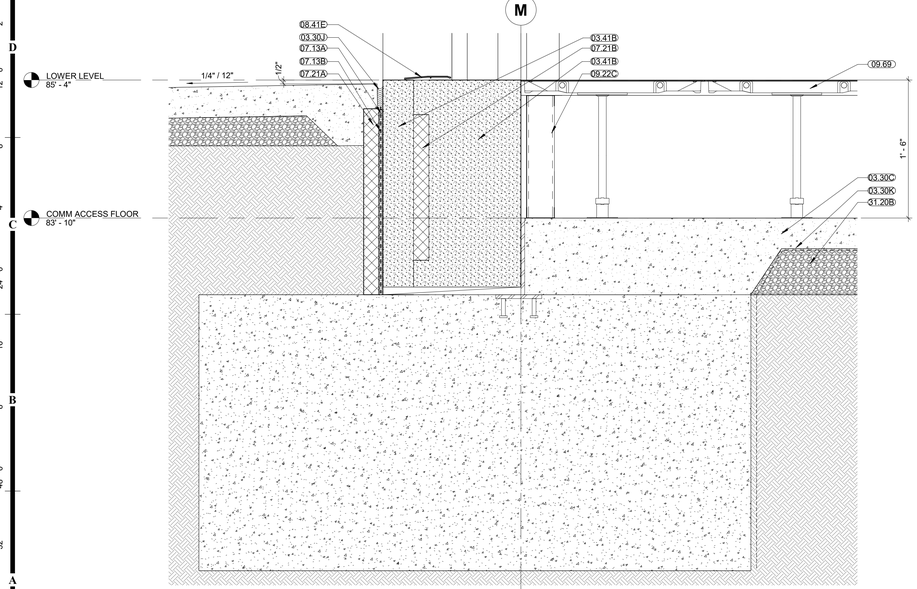
F4 HARDENED STRUCTURE @ WINDOW SILL
1 1/2" = 1'-0" G7 / A-202



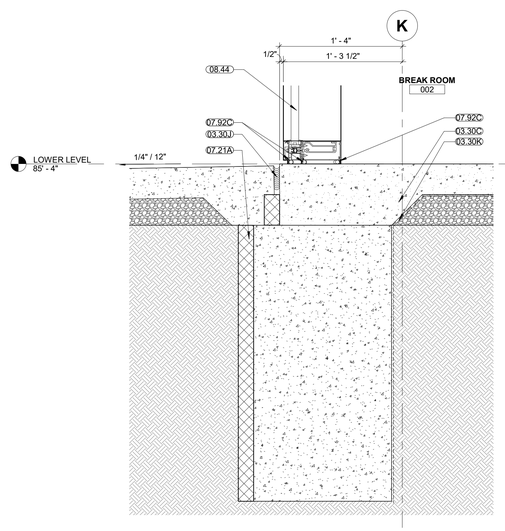
E4 HM HEAD AT HARDENED STRUCTURE
1 1/2" = 1'-0" A1 / A-323



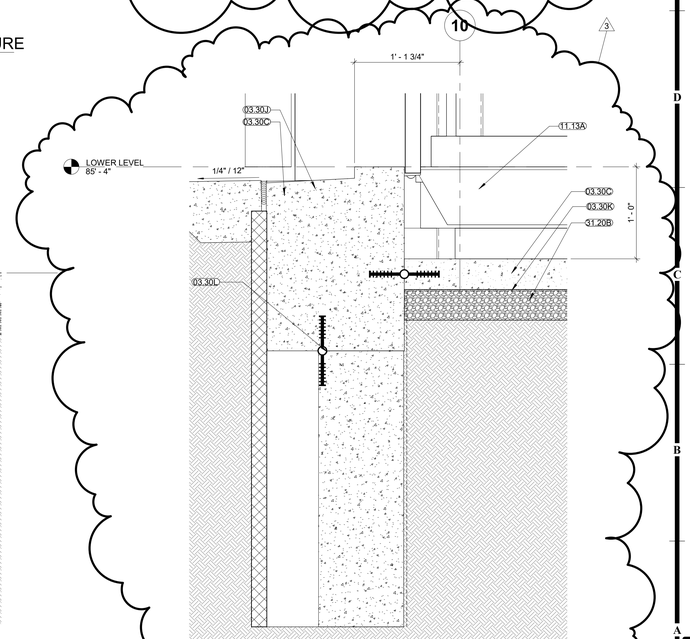
E1 OH DOOR @ HEAD
1 1/2" = 1'-0" A10 / A-321



A8 HARDENED STRUCTURE @ FOUNDATION
1 1/2" = 1'-0" A1 / A-323



A4 STAFF ENTRY @ CURTAIN WALL
1 1/2" = 1'-0" A4 / A-322



A1 OH DOOR @ BASE
1 1/2" = 1'-0" A10 / A-321

GENERAL NOTES – EXTERIOR WALL SECTIONS/ DETAILS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: FLOOR PLANS, ROOF PLAN AND ELEVATIONS FOR SECTION CUT LOCATIONS.
3. ALL WINDOW AND DOOR OPENING DIMENSIONS ARE ROUGH OPENING DIMENSIONS, UNLESS NOTED OTHERWISE.
4. DIMENSIONS SHOWN ON THE WALL SECTIONS ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
5. PAINT ALL EXPOSED STEEL, INCLUDING STEEL LINTELS, ETC. (TYP.)

MATERIAL KEYNOTES

03.30C	CONCRETE SLAB-ON-GRADE
03.30J	1/2-INCH COMPRESSIBLE JOINT FILLER (HOLD DOWN TOP 1/2-INCH - FILL W/ SEALANT)
03.30K	UNDER-SLAB VAPOR RETARDER
03.30L	PVC WATER STOP
03.41B	PRECAST CONCRETE WALL
04.20B	CONCRETE MASONRY UNIT (CMU) - 3 5/8 INCH
04.20G	CONCRETE MASONRY UNIT (CMU) BOND BEAM GROUTED FULL
04.21A	FACE BRICK
04.22E	TIES AND ANCHORS
04.22F	THROUGH-WALL MEMBRANE FLASHING WITH METAL DRIP EDGE
04.22G	WEEP VENTS @ 24-INCH O.C.
04.22H	CAVITY DRAINAGE MATERIAL (MORTAR NET)
05.12E	STEEL PLATE
05.12G	STEEL BENT PLATE
05.31A	STEEL ROOF DECK
05.31B	COMPOSITE FLOOR DECK
05.41D	EXTERIOR NON-LOAD-BEARING MTL C-STUDS - 6-INCH - RE: STRUCT. FOR SPACING
05.50D	STEEL EMBED ANGLE/ PLATE
06.10E	WOOD BLOCKING, AS REQUIRED
06.16C	3/4-INCH FIRE-RETARDANT-TREATED PLYWOOD SHEATHING
06.16D	EXTERIOR GLASS-MAT GYPSUM WALL SHEATHING W/ TAPED AND SEALED SEAMS
06.40N	SOLID-SURFACING-MATERIAL COUNTERTOP
07.13A	SELF-ADHEARING SHEET WATERPROOFING MEMBRANE
07.13B	MATRIX DRAINAGE SYSTEM
07.21A	2-INCH RIGID PERIMETER SLAB-ON-GRADE INSULATION
07.21B	EXTRUDED-POLYSTYRENE BOARD INSULATION WITH TAPED AND SEALED SEAMS
07.21F	6-INCH THERMAL BATT INSULATION
07.27B	FLUID-APPLIED MEMBRANE AIR BARRIER
07.42C	METAL-FACED COMPOSITE WALL PANELS
07.42E	CONCEALED WALL PANEL FASTENERS
07.42G	METAL WOOD LOOK SOFFIT PANEL - VENTED
07.54A	THERMOPLASTIC POLYOLEFIN (TPO) ROOFING SYSTEM
07.54E	RIGID ROOF INSULATION
07.54G	CONT. METAL TERMINATION BAR
07.54H	ROOFING COVER BOARD
07.62A	PREFINISHED SHEET METAL FLASHING
07.62B	PREFINISHED METAL SILL FLASHING
07.71A	PREFINISHED METAL COPING & CONT. CLEAT
07.92A	JOINT SEALANT
07.92C	BACKER ROD AND SEALANT
08.11B	HOLLOW METAL FRAME
08.41E	ALUMINUM THRESHOLD
08.44	GLAZED ALUMINUM CURTAIN WALL
08.56A	WIND AND IMPACT SECURITY WINDOWS
09.22C	3 5/8-INCH METAL STUDS @ 16-INCHES O.C.
09.22H	7/8-INCH HAT RIGID CHANNEL
09.29A	INTERIOR 5/8-INCH GYP. BD. REF: WALL TYPES
09.51A	ACOUSTICAL PANEL CEILING W/ EXPOSED GRID
09.69	ACCESS FLOORING
11.13A	LOADING DOCK LIFT
12.24B	ROLLER WINDOW SHADE - DOUBLE SHADE
26.51B	EXTERIOR LIGHT FIXTURE RE: ELECTRICAL
31.20B	GRANULAR FILL

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PACKAGE 2: CONSTRUCTION SET

REVISION DATES:

3	ADDENDUM 3	11/18/2024

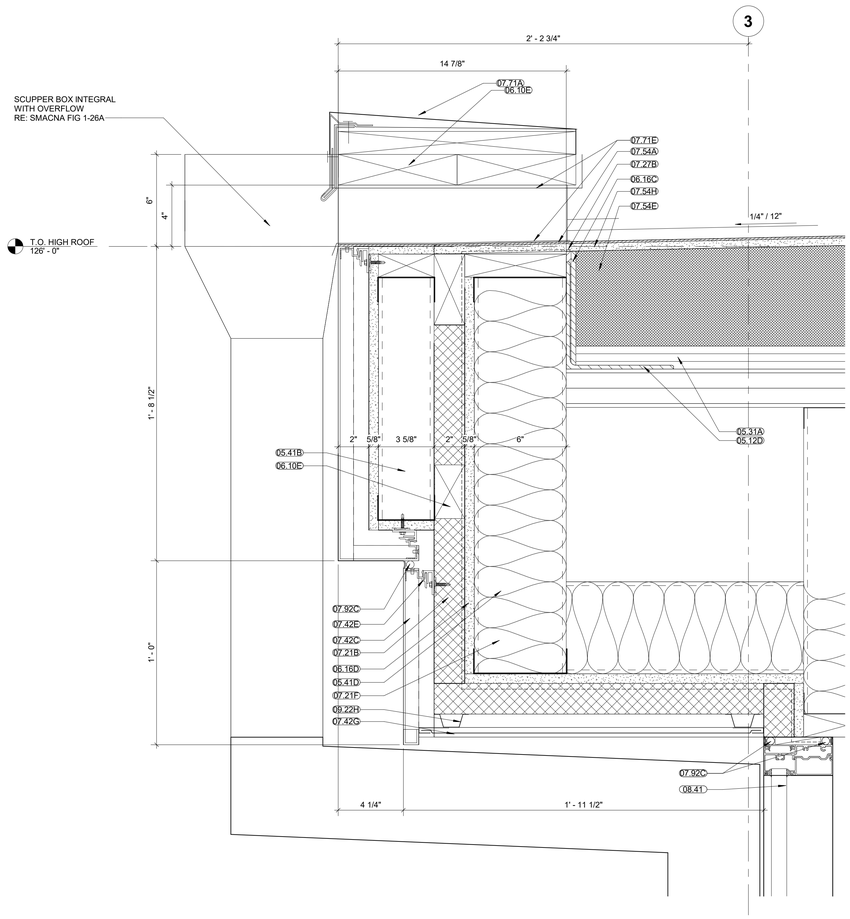
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NUMBER A-2016011211
ARCHITECT

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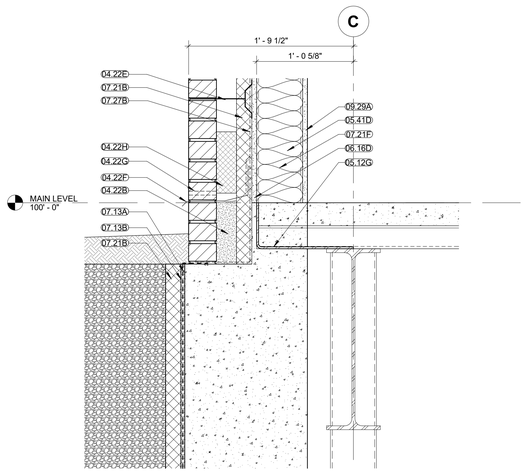
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ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

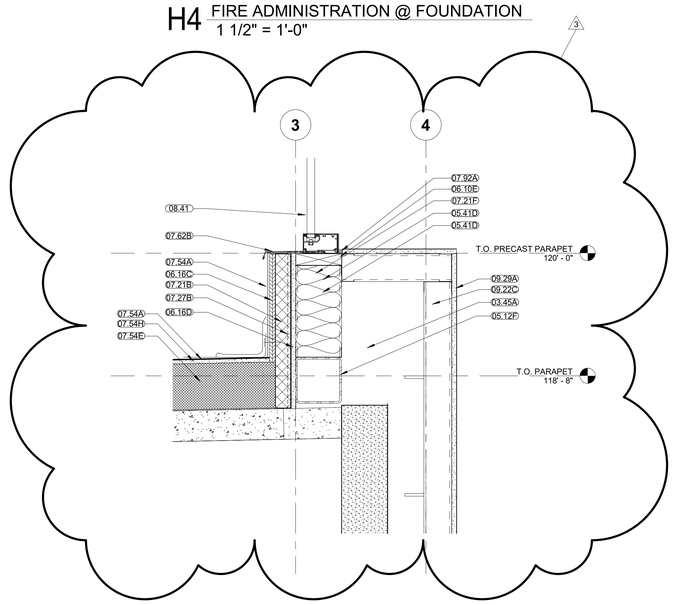
EXTERIOR SECTION DETAILS



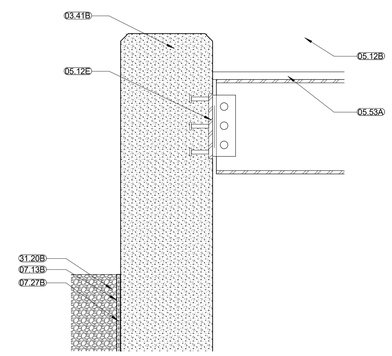
E8 ROOF FASCIA SCUPPER DETAIL ENLARGE
3" = 1'-0" A1 / A-103



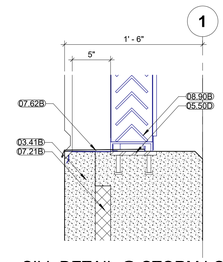
H4 FIRE ADMINISTRATION @ FOUNDATION
1 1/2" = 1'-0"



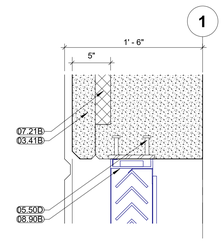
E4 PARAPET @ PRECAST
1 1/2" = 1'-0" A9 / A-322



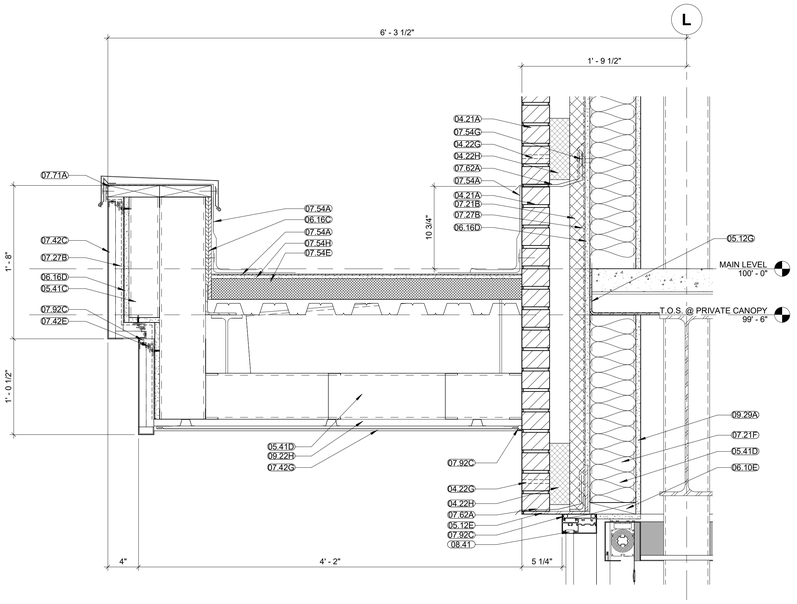
H1 METAL GRATE DETAIL
1 1/2" = 1'-0"



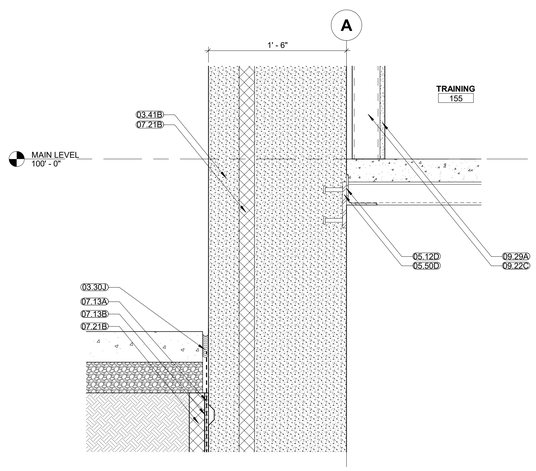
G1 SILL DETAIL @ STORM LOUVER
1 1/2" = 1'-0" A7 / A-323



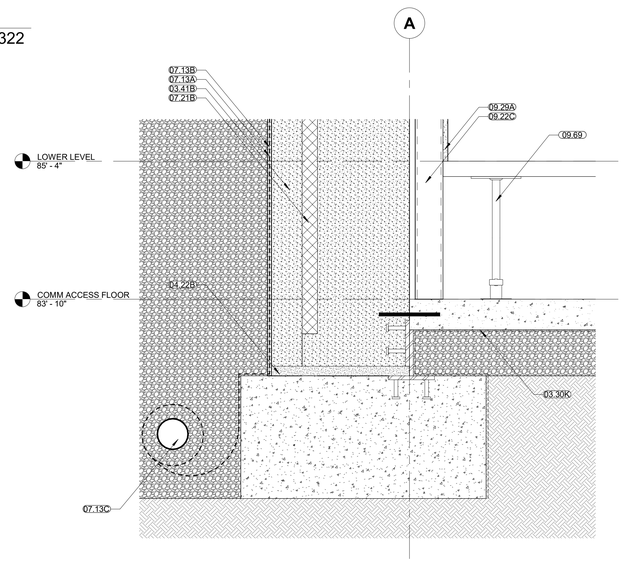
E1 HEAD DETAIL @ STORM LOUVER
1 1/2" = 1'-0" A7 / A-323



A8 ENTRY CANOPY @ MASONRY
1 1/2" = 1'-0"



A4 HARDENED STRUCTURE @ FLOOR LINE
1 1/2" = 1'-0" A10 / A-323



A1 HARDENED STRUCTURE BASEMENT FOUNDATION
1 1/2" = 1'-0" A10 / A-323

GENERAL NOTES – EXTERIOR WALL SECTIONS/ DETAILS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: FLOOR PLANS, ROOF PLAN AND ELEVATIONS FOR SECTION CUT LOCATIONS.
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5. PAINT ALL EXPOSED STEEL, INCLUDING STEEL LINTELS, ETC. (TYP.)

MATERIAL KEYNOTES

03.30J	1/2-INCH COMPRESSIBLE JOINT FILLER (HOLD DOWN TOP 1/2-INCH - FILL W/ SEALANT.)
03.30K	UNDER-SLAB VAPOR RETARDER
03.41B	PRECAST CONCRETE WALL
03.45A	PRECAST ARCHITECTURAL CONCRETE
04.21A	FACE BRICK
04.22B	GROUT SOLID - MASONRY CELLS
04.22E	TIES AND ANCHORS
04.22F	THROUGH-WALL MEMBRANE FLASHING WITH METAL DRIP EDGE
04.22G	WEEP VENTS @ 24-INCH O.C.
04.22H	CAVITY DRAINAGE MATERIAL (MORTAR NET)
05.12B	STEEL BEAM
05.12D	STEEL ANGLE
05.12E	STEEL PLATE
05.12F	STEEL TUBE
05.12G	STEEL BENT PLATE
05.31A	STEEL ROOF DECK
05.41B	EXTERIOR NON-LOAD-BEARING MTL. C-STUDS - 3 5/8-INCH - RE: STRUCT. FOR SPACING
05.41C	EXTERIOR NON-LOAD-BEARING MTL. C-STUDS - 4-INCH - RE: STRUCT. FOR SPACING
05.41D	EXTERIOR NON-LOAD-BEARING MTL. C-STUDS - 6-INCH - RE: STRUCT. FOR SPACING
05.50D	STEEL EMBED ANGLE/ PLATE
05.53A	METAL GRATING
06.10E	WOOD BLOCKING, AS REQUIRED
06.16C	3/4-INCH FIRE-RETARDANT-TREATED PLYWOOD SHEATHING
06.16D	EXTERIOR GLASS-MAT GYPSUM WALL SHEATHING W/ TAPED AND SEALED SEAMS
07.13A	SELF-ADHEARING SHEET WATERPROOFING MEMBRANE
07.13B	MATRIX DRAINAGE SYSTEM
07.13C	FOUNDATION DRAIN SYSTEM
07.21B	EXTRUDED-POLYSTYRENE BOARD INSULATION WITH TAPED AND SEALED SEAMS
07.21F	6-INCH THERMAL BATT INSULATION
07.27B	FLUID-APPLIED MEMBRANE AIR BARRIER
07.42C	METAL-FACED COMPOSITE WALL PANELS
07.42E	CONCEALED WALL PANEL FASTENERS
07.42G	METAL WOOD LOOK SOFFIT PANEL - VENTED
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07.54E	RIGID ROOF INSULATION
07.54G	CONT. METAL TERMINATION BAR
07.54H	ROOFING COVER BOARD
07.62A	PREFINISHED SHEET METAL FLASHING
07.62B	PREFINISHED METAL SILL FLASHING
07.71A	PREFINISHED METAL COPING & CONT. CLEAT
07.71E	PREFINISHED METAL SCUPPER
07.92A	JOINT SEALANT
07.92C	BACKER ROD AND SEALANT
08.41	ALUMINUM-FRAMED STOREFRONT SYSTEM
08.90B	METAL LOUVER
09.22C	3 5/8-INCH METAL STUDS @ 16-INCHES O.C.
09.22H	7/8-INCH HAT RIGID CHANNEL
09.29A	INTERIOR 5/8-INCH GYP. BD. REF: WALL TYPES
09.69	ACCESS FLOORING
31.20B	GRANULAR FILL

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REVISION DATES:

3	ADDENDUM 3	11/18/2024

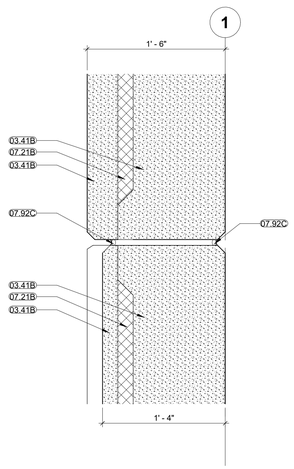
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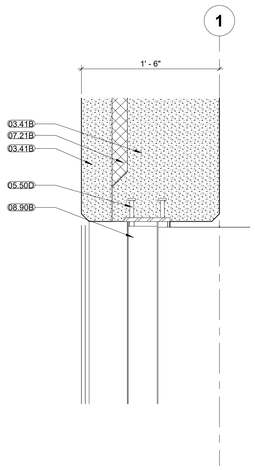
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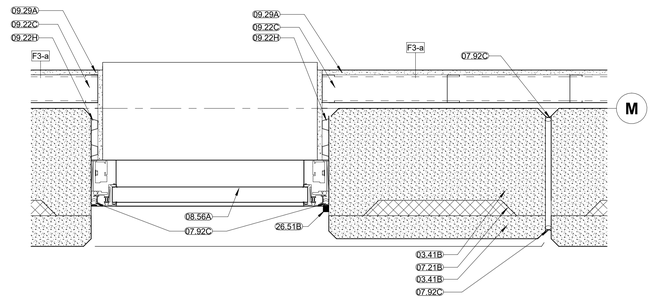
EXTERIOR SECTION DETAILS



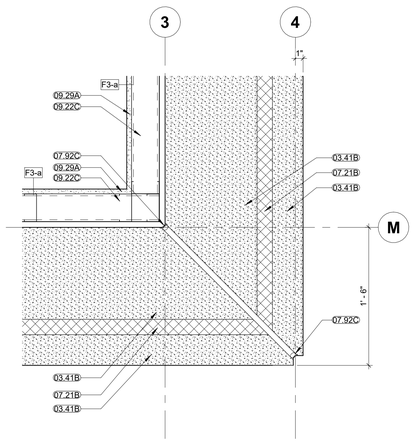
G10 JOINT @ INSET PRECAST PANEL
1 1/2" = 1'-0" A1 / A-102



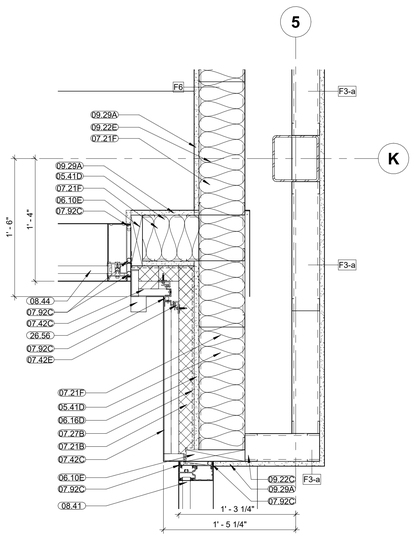
G8 LOUVER @ PRECAST
1 1/2" = 1'-0" A1 / A-102



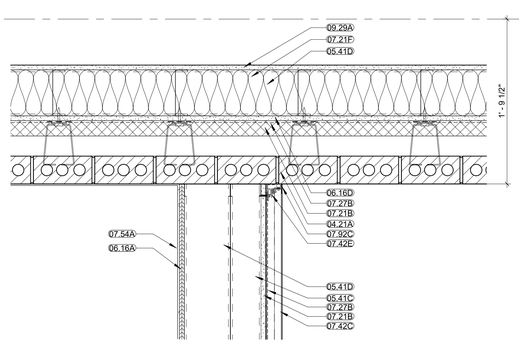
G4 WINDOW @ PRECAST
1 1/2" = 1'-0" A1 / A-102



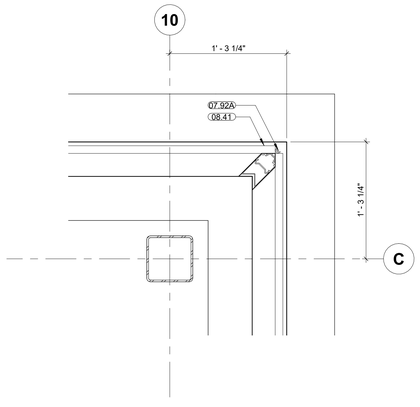
G1 TYP PRECAST CORNER
1 1/2" = 1'-0" A1 / A-101



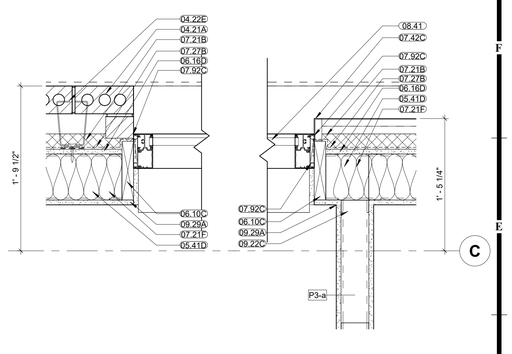
D10 CURTAIN WALL @ INSET METAL PANEL
1 1/2" = 1'-0" A1 / A-102



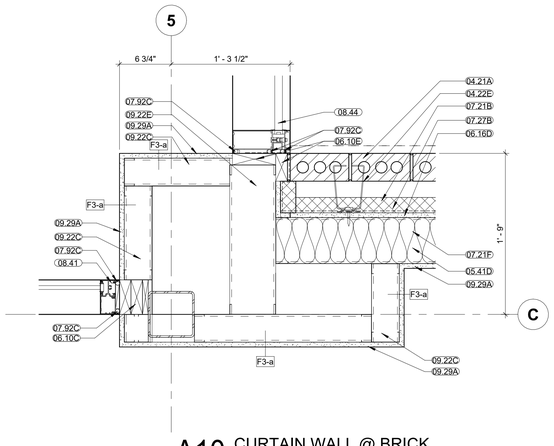
D7 STAFF CANOPY @ BRICK
1 1/2" = 1'-0" A1 / A-102



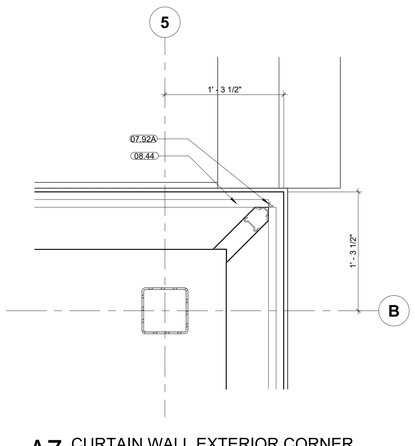
D4 TYP STOREFRONT CORNER
1 1/2" = 1'-0" A1 / A-102



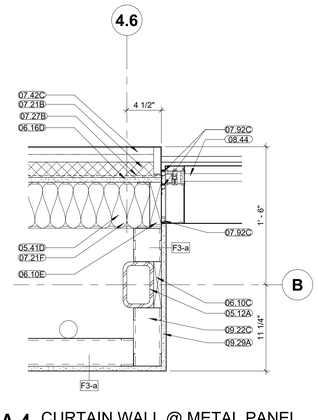
D1 TYP STOREFRONT
1 1/2" = 1'-0" A1 / A-102



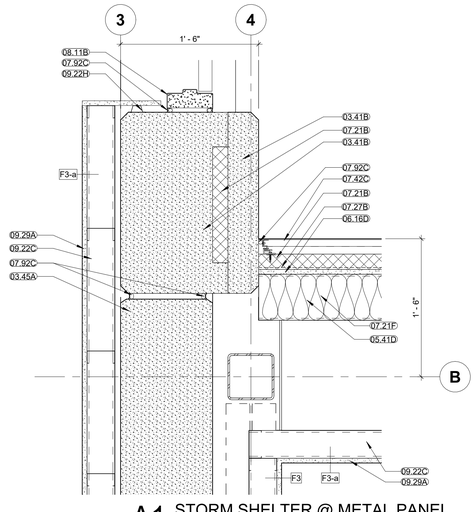
A10 CURTAIN WALL @ BRICK
1 1/2" = 1'-0" A1 / A-102



A7 CURTAIN WALL EXTERIOR CORNER
1 1/2" = 1'-0" A1 / A-102



A4 CURTAIN WALL @ METAL PANEL
1 1/2" = 1'-0" A1 / A-102



A1 STORM SHELTER @ METAL PANEL
1 1/2" = 1'-0" A1 / A-102

GENERAL NOTES – EXTERIOR WALL SECTIONS/ DETAILS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
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4. DIMENSIONS SHOWN ON THE WALL SECTIONS ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
5. PAINT ALL EXPOSED STEEL, INCLUDING STEEL LINTELS, ETC. (TYP.)

MATERIAL KEYNOTES

03.41B	PRECAST CONCRETE WALL
03.45A	PRECAST ARCHITECTURAL CONCRETE
04.21A	FACE BRICK
04.22E	TIES AND ANCHORS
05.12A	STEEL COLUMN
05.41C	EXTERIOR NON-LOAD-BEARING MTL. C-STUDS - 4-INCH - RE: STRUCT. FOR SPACING
05.41D	EXTERIOR NON-LOAD-BEARING MTL. C-STUDS - 6-INCH - RE: STRUCT. FOR SPACING
05.50D	STEEL EMBED ANGLE/ PLATE
06.10C	FIRE-RETARDENT-TREATED WOOD BLOCKING, CONTINUOUS
06.10E	WOOD BLOCKING, AS REQUIRED
06.16A	1/2-INCH FIRE-RETARDANT-TREATED PLYWOOD SHEATHING
06.16D	EXTERIOR GLASS-MAT GYPSUM WALL SHEATHING W/ TAPED AND SEALED SEAMS
07.21B	EXTRUDED-POLYSTYRENE BOARD INSULATION WITH TAPED AND SEALED SEAMS
07.21F	6-INCH THERMAL BATT INSULATION
07.27B	FLUID-APPLIED MEMBRANE AIR BARRIER
07.42C	METAL-FACED COMPOSITE WALL PANELS
07.42E	CONCEALED WALL PANEL FASTENERS
07.54A	THERMOPLASTIC POLYOLEFIN (TPO) ROOFING SYSTEM
07.92A	JOINT SEALANT
07.92C	BACKER ROD AND SEALANT
08.11B	HOLLOW METAL FRAME
08.41	ALUMINUM-FRAMED STOREFRONT SYSTEM
08.44	GLAZED ALUMINUM CURTAIN WALL
08.56A	WIND AND IMPACT SECURITY WINDOWS
08.90B	METAL LOUVER
09.22C	3 5/8-INCH METAL STUDS @ 16-INCHES O.C.
09.22E	6-INCH METAL STUDS @ 16-INCHES O.C.
09.22H	7/8-INCH HAT RIGID CHANNEL
09.29A	INTERIOR 5/8-INCH GYP. BD. REF: WALL TYPES
26.51B	EXTERIOR LIGHT FIXTURE RE: ELECTRICAL
26.56	EXTERIOR LIGHT FIXTURE

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PACKAGE 2: CONSTRUCTION SET

REVISION DATES:

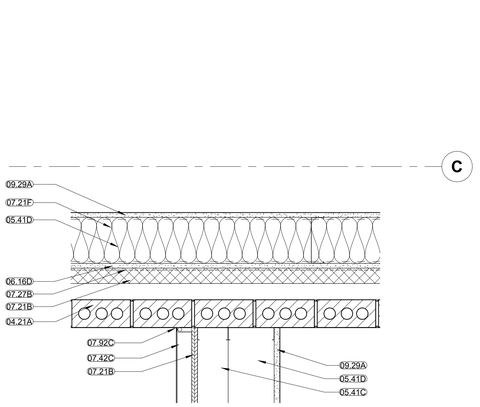
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ARCHITECT

PROFESSIONAL SEAL

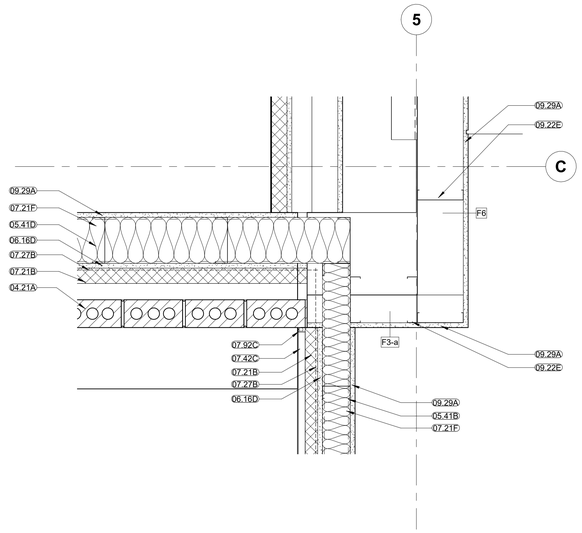
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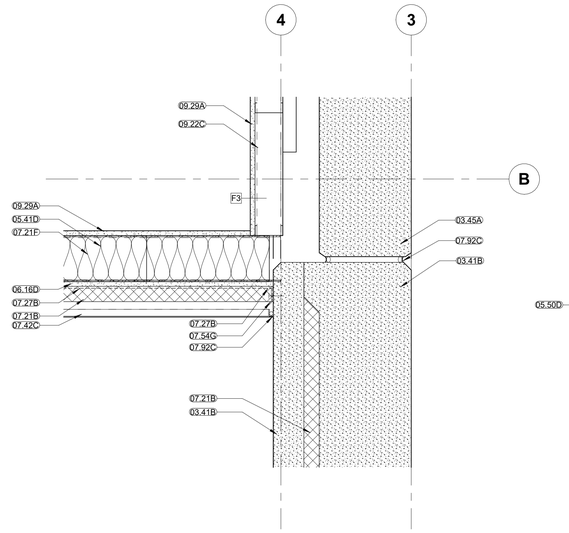
EXTERIOR PLAN DETAILS



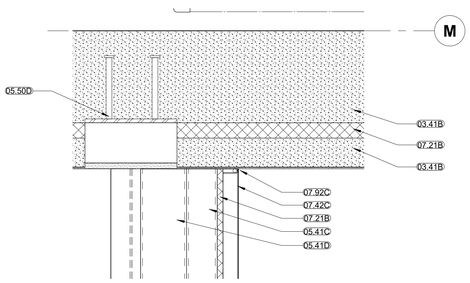
G10 CANOPY @ BRICK
1 1/2" = 1'-0" G1 / A-453



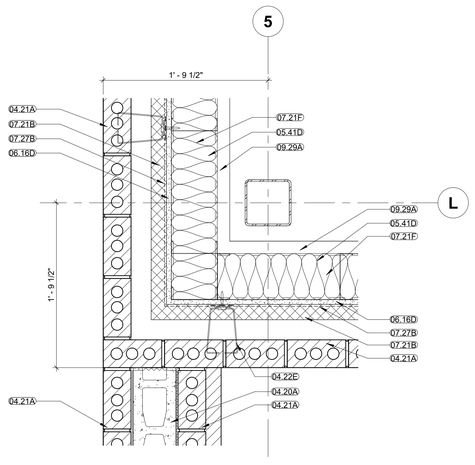
G7 METAL PANEL/BRICK CORNER HIGH
1 1/2" = 1'-0" G1 / A-453



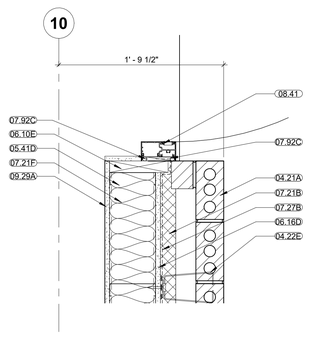
G4 COPING @ METAL PANEL
1 1/2" = 1'-0" J4 / A-103



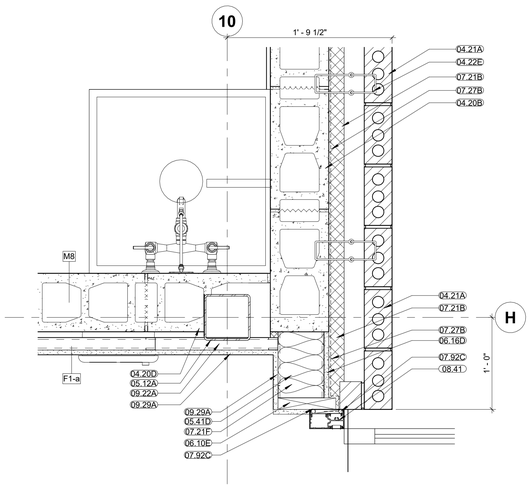
G1 CANOPY @ PRECAST
1 1/2" = 1'-0" A1 / A-102



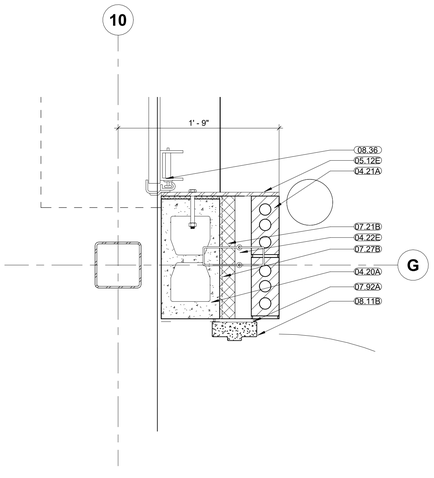
D10 BRICK CORNER @ STAFFF PATIO
1 1/2" = 1'-0" A1 / A-101



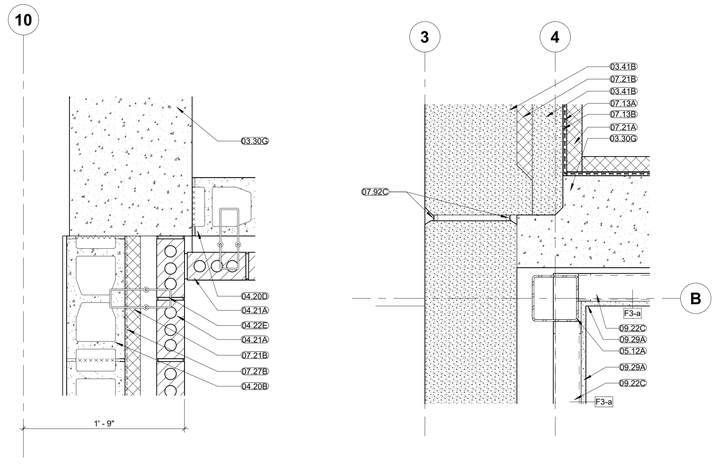
D7 STOREFRONT DOOR JAMB
1 1/2" = 1'-0" A1 / A-101



D4 CMU/METAL STUD
1 1/2" = 1'-0" A1 / A-101

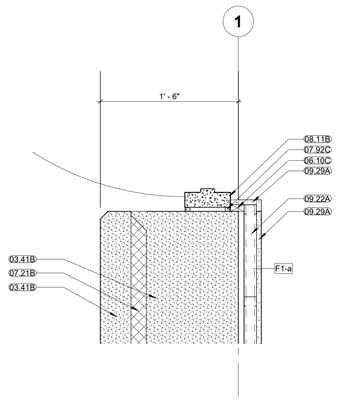


D1 OH DOOR JAMB @ CMU/BRICK
1 1/2" = 1'-0" A1 / A-101

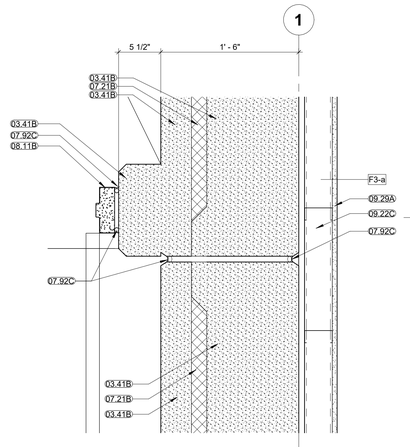


A11 CMU/CONCRETE FOUNTATION WALL
1 1/2" = 1'-0" A1 / A-101

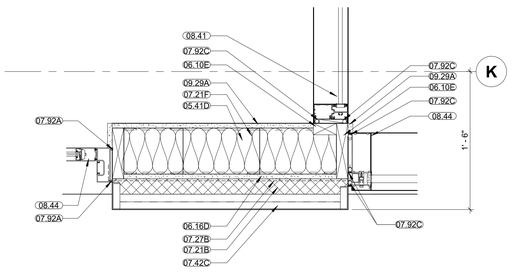
A8 FOUNDATION WALL @ PRECAST
1 1/2" = 1'-0" A1 / A-101



A6 HM DOOR @ PRECAST
1 1/2" = 1'-0" A1 / A-101



A4 HM DOOR @ PRECAST ENCLOSURE
1 1/2" = 1'-0" A1 / A-101



A1 CURTAIN WALL @ STAFF ENTRY
1 1/2" = 1'-0" A1 / A-101

GENERAL NOTES – EXTERIOR WALL SECTIONS/ DETAILS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: FLOOR PLANS, ROOF PLAN AND ELEVATIONS FOR SECTION CUT LOCATIONS.
3. ALL WINDOW AND DOOR OPENING DIMENSIONS ARE ROUGH OPENING DIMENSIONS, UNLESS NOTED OTHERWISE.
4. DIMENSIONS SHOWN ON THE WALL SECTIONS ARE TO THE FACE OF EXTERIOR WALL, FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
5. PAINT ALL EXPOSED STEEL, INCLUDING STEEL LINTELS, ETC. (TYP.)

MATERIAL KEYNOTES

03.30G	CONCRETE WALL
03.41B	PRECAST CONCRETE WALL
03.45A	PRECAST ARCHITECTURAL CONCRETE
04.20A	CONCRETE MASONRY UNIT (CMU)
04.20B	CONCRETE MASONRY UNIT (CMU) - 3 5/8 INCH
04.20D	CONCRETE MASONRY UNIT (CMU) - 7 5/8 INCH
04.21A	FACE BRICK
04.22E	TIES AND ANCHORS
05.12A	STEEL COLUMN
05.12E	STEEL PLATE
05.41B	EXTERIOR NON-LOAD-BEARING MTL. C-STUDS - 3 5/8-INCH - RE: STRUCT. FOR SPACING
05.41C	EXTERIOR NON-LOAD-BEARING MTL. C-STUDS - 4-INCH - RE: STRUCT. FOR SPACING
05.41D	EXTERIOR NON-LOAD-BEARING MTL. C-STUDS - 6-INCH - RE: STRUCT. FOR SPACING
05.50D	STEEL EMBED ANGLE/ PLATE
06.10C	FIRE-RETARDENT-TREATED WOOD BLOCKING, CONTINUOUS
06.10E	WOOD BLOCKING, AS REQUIRED
06.16D	EXTERIOR GLASS-MAT GYPSUM WALL SHEATHING W/ TAPED AND SEALED SEAMS
07.13A	SELF-ADHEARING SHEET WATERPROOFING MEMBRANE
07.13B	MATRIX DRAINAGE SYSTEM
07.21A	2-INCH RIGID PERIMETER SLAB-ON-GRADE INSULATION
07.21B	EXTRUDED-POLYSTYRENE BOARD INSULATION WITH TAPED AND SEALED SEAMS
07.21F	6-INCH THERMAL BATT INSULATION
07.27B	FLUID-APPLIED MEMBRANE AIR BARRIER
07.42C	METAL-FACED COMPOSITE WALL PANELS
07.54G	CONT. METAL TERMINATION BAR
07.92A	JOINT SEALANT
07.92C	BACKER ROD AND SEALANT
08.11B	HOLLOW METAL FRAME
08.36	SECTIONAL DOOR
08.41	ALUMINUM-FRAMED STOREFRONT SYSTEM
08.44	GLAZED ALUMINUM CURTAIN WALL
09.22A	1 5/8-INCH METAL STUDS @ 16-INCHES O.C.
09.22C	3 5/8-INCH METAL STUDS @ 16-INCHES O.C.
09.22E	6-INCH METAL STUDS @ 16-INCHES O.C.
09.29A	INTERIOR 5/8-INCH GYP. BD. REF: WALL TYPES

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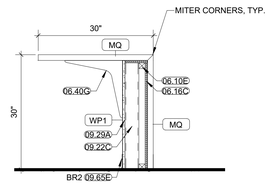
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ARCHITECT

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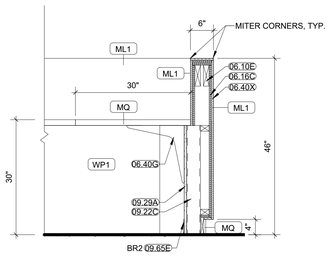
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ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

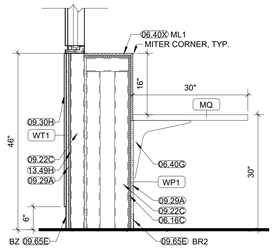
EXTERIOR PLAN DETAILS



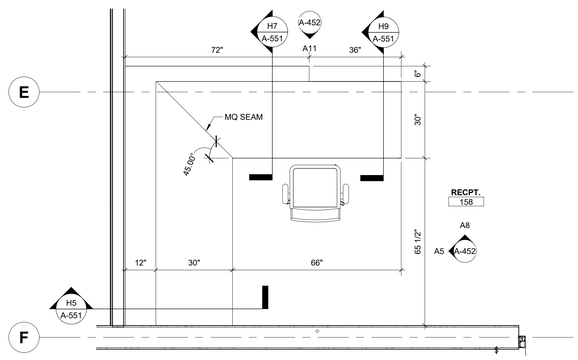
H9 RECEPTION DESK, LOW
3/4" = 1'-0"



H7 RECEPTION DESK SECTION, HIGH
3/4" = 1'-0"



H5 RECEPTION DESK SECTION
3/4" = 1'-0"



NORTH

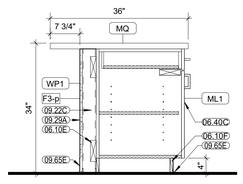
H1 158 RECPT - DESK
1/2" = 1'-0"

GENERAL NOTES - CASEWORK

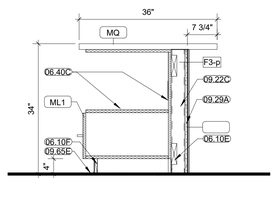
1. RE: FINISH LEGEND AND FINISH SCHEDULE FOR SPECIFIC FINISH INFORMATION AND LOCATIONS.
2. ALL MILLWORK/ CASEWORK CONSTRUCTION SHALL MEET AWI PREMIUM STANDARDS, UNLESS NOTED OR SPECIFIED OTHERWISE.
3. ALL EXPOSED MILLWORK/ CASEWORK SURFACES SHALL BE FINISHED W/ PLASTIC LAMINATE TO MATCH ADJACENT PLASTIC LAMINATE SURFACES, UNLESS NOTED OTHERWISE.
4. ALL CASEWORK INTERIORS SHALL BE WHITE MELAMINE, UNLESS NOTED OTHERWISE.
5. ALL FILLER PANELS SHALL BE 1-1/2 INCH WIDE MINIMUM, FINISHED TO MATCH ADJACENT FINISH SURFACES, AND SCRIBED TO FIT ADJACENT WALL, UNLESS NOTED OTHERWISE.
6. ALL BACKSPLASH FINISHES SHALL MATCH COUNTERTOP MATERIAL AND FINISH, UNLESS NOTED OTHERWISE. PLASTIC LAMINATE SIDE/BACKSPLASHES TO HAVE SELF EDGE LAMINATE, UNLESS NOTED OTHERWISE.
7. CONTRACTOR SHALL APPLY CLEAR MILDEW RESISTANT SILICONE SEALANT WHERE BACKSPLASH MEETS WALL AND COUNTERTOP.
8. THE UNDERSIDE OF COUNTERTOPS WITH KNEE OPENINGS, MUST HAVE A WHITE MELAMINE FINISH, UNLESS NOTED OTHERWISE.
9. WATER AND SUPPLY DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OF ABRASIVE SURFACES UNDER LAVATORIES AND SINKS.
10. SOLID SURFACE COUNTERTOPS TO HAVE EASED EDGES, TYPICAL.
11. CONTRACTOR SHALL PROVIDE LOCKS AT ALL CABINET DOORS AND DRAWERS AS INDICATED.
12. RE: SHEET A-451 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
13. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO MILLWORK / CASEWORK FABRICATION & INSTALLATION.
14. COUNTERTOP BRACKETS TO BE PAINTED TO MATCH ADJACENT SURFACE, TYPICAL. AT ALL LOCATIONS WHERE OCCURS.
15. MECH. & ELEC. SYMBOLS AND OUTLETS ARE SHOWN FOR REFERENCE ONLY. COORDINATE LOCATIONS WITH MEP DRAWINGS. CONSULT ARCHITECT FOR CLARIFICATION, IF NECESSARY.
16. RE: SHEET A\501 FOR WALL BASE DETAILS.

MATERIAL KEYNOTES

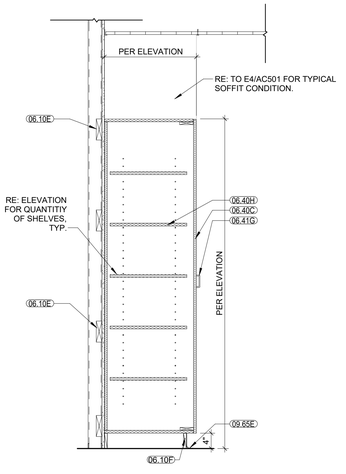
05.12F	STEEL TUBE
06.10E	WOOD BLOCKING, AS REQUIRED
06.10F	WOOD SHIMS, AS REQUIRED
06.16C	3/4-INCH FIRE-RETARDANT-TREATED PLYWOOD SHEATHING
06.40C	PLASTIC LAMINATE CASEWORK
06.40G	COUNTER BRACKET
06.40H	SHELF
06.40L	LOCKABLE DRAWER AND/ OR DOOR, AS INDICATED
06.40N	SOLID-SURFACING-MATERIAL COUNTERTOP
06.40V	SOLID SURFACE BACKSPLASH
06.40X	PLASTIC LAMINATE OVER PARTICLE BOARD
06.41G	DOOR AND DRAWER PULL RE: FINISH SCHEDULE
09.22C	3 5/8-INCH METAL STUDS @ 16-INCHES O.C.
09.22T	METAL STRAPING 18 GAUGE
09.29A	INTERIOR 5/8-INCH GYP. BD. REF: WALL TYPES
09.30H	PORCELAIN TILE
09.65E	BASE RE: FINISH SCHEDULE
13.49H	UL STANDARD 752, LEVEL III BULLET RESISTANT ARMOR PANEL



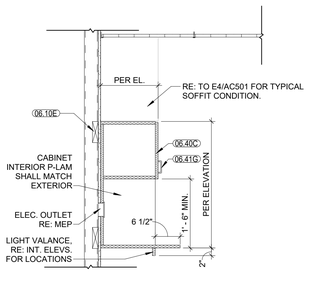
E9 108 COPY/WORK ISLAND SECTION
3/4" = 1'-0"



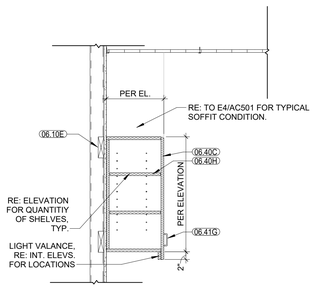
E7 002 BREAK ROOM ISLAND SECTION
3/4" = 1'-0"



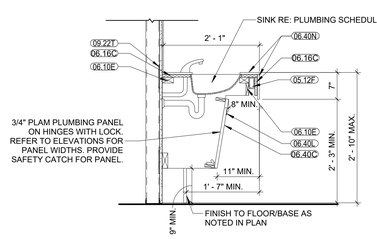
TYPE T1 - CASEWORK SECTION
3/4" = 1'-0"



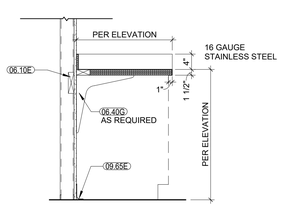
TYPE W4 - CASEWORK SECTION
3/4" = 1'-0"



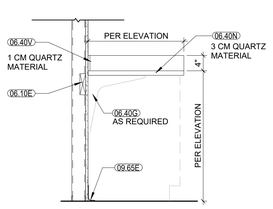
TYPE W1,W2,W3 - CASEWORK SECTION
3/4" = 1'-0"



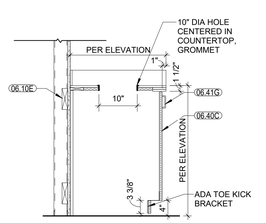
TYPE A1B - HINGED - CASEWORK SECTION
3/4" = 1'-0"



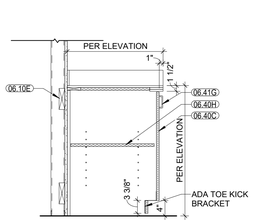
TYPE C4 - CASEWORK SECTION
3/4" = 1'-0"



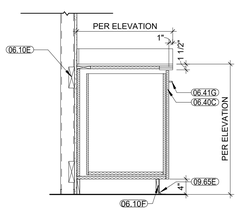
TYPE C3 - CASEWORK SECTION
3/4" = 1'-0"



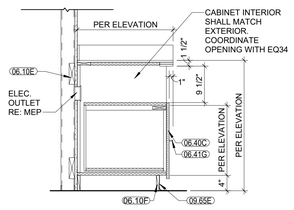
TYPE B23T - CASEWORK SECTION
3/4" = 1'-0"



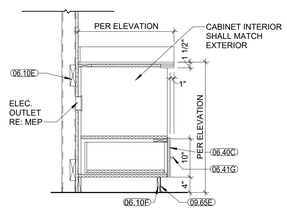
TYPE B23 - CASEWORK SECTION
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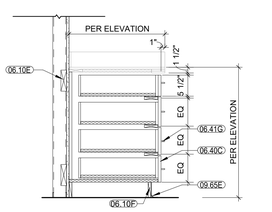
TYPE B21 - CASEWORK SECTION
3/4" = 1'-0"



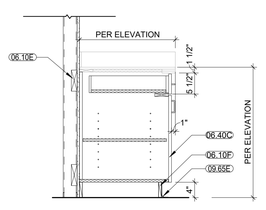
TYPE B18-O - CASEWORK SECTION
3/4" = 1'-0"



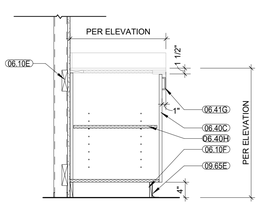
TYPE B18 - CASEWORK SECTION
3/4" = 1'-0"



TYPE B8 - CASEWORK SECTION
3/4" = 1'-0"



TYPE B3 - CASEWORK SECTION
3/4" = 1'-0"



TYPE B1 - CASEWORK SECTION
3/4" = 1'-0"

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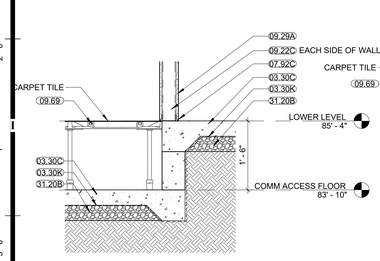
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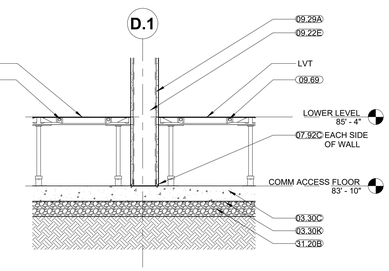
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HOEFER WELKER #: 138191

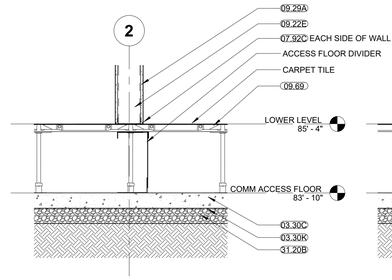
CASEWORK DETAILS



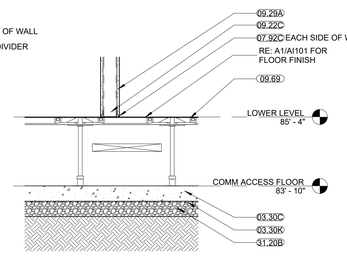
H11 TYP. RAISED ACCESS FLOOR
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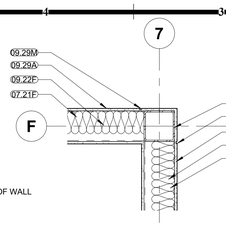
H9 TYP. RAISED ACCESS FLOOR
3/4" = 1'-0"



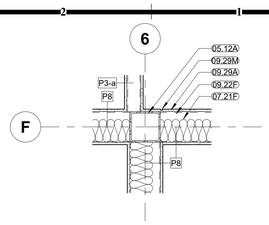
H7 TYP. RAISED ACCESS FLOOR DIVIDER
3/4" = 1'-0"



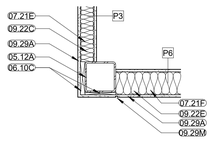
H5 TYP. RAISED ACCESS FLOOR
3/4" = 1'-0"



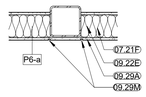
J3 TYP. COLUMN IN WALL
3/4" = 1'-0"



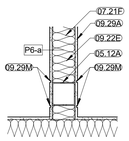
J1 TYP. COLUMN IN WALL
3/4" = 1'-0"



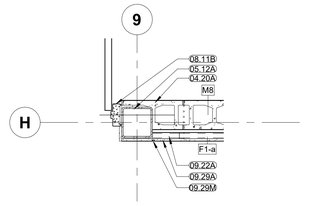
H3 TYP. COLUMN IN WALL
3/4" = 1'-0" A1 / A-101



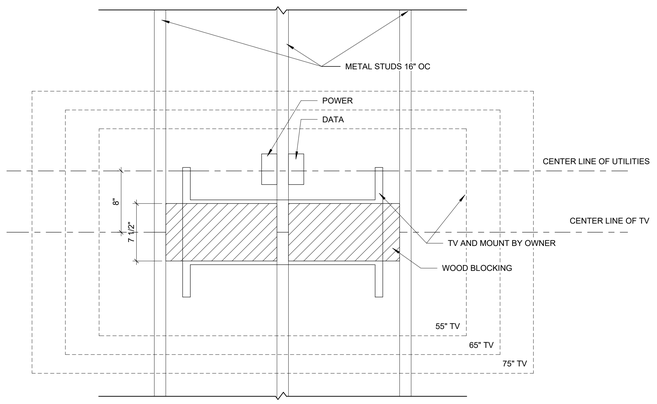
H1 TYP. COLUMN IN WALL
3/4" = 1'-0" A1 / A-101



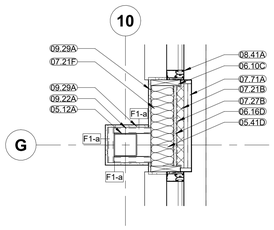
G3 TYP. IN WALL COLUMN
3/4" = 1'-0" A1 / A-102



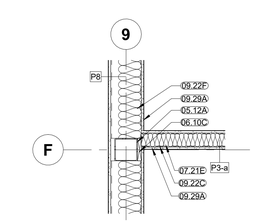
G1 COLUMN @ CMU WALL
3/4" = 1'-0" A1 / A-101



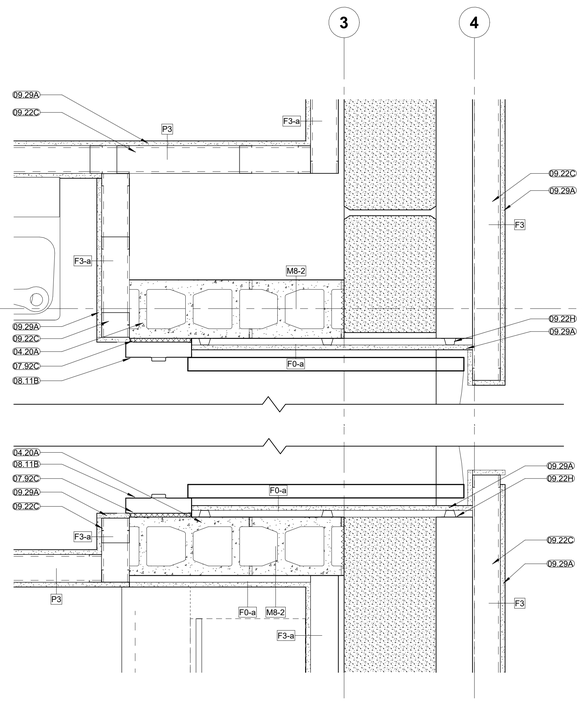
E5 TYPICAL TV BLOCKING
1 1/2" = 1'-0"



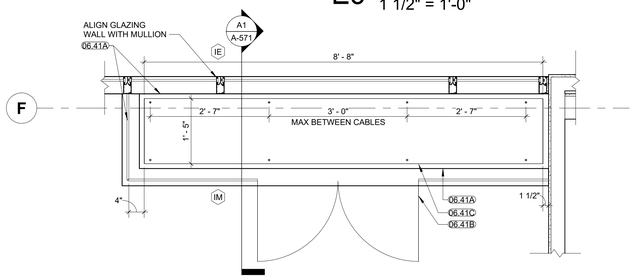
E3 COLUMN @ EXTERIOR WALL
3/4" = 1'-0" A1 / A-102



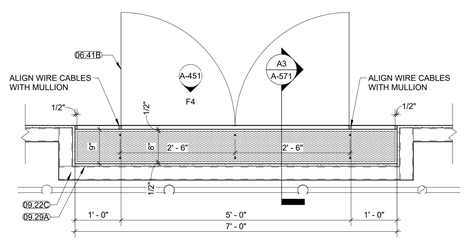
E1 TYP. COLUMN IN WALL
3/4" = 1'-0" A1 / A-102



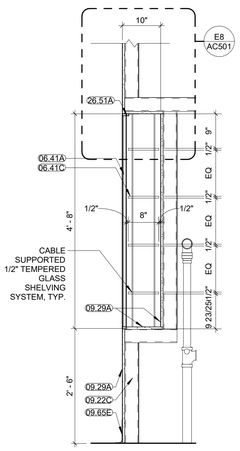
A9 STORM SHELTER DOOR
1 1/2" = 1'-0"
NORTH



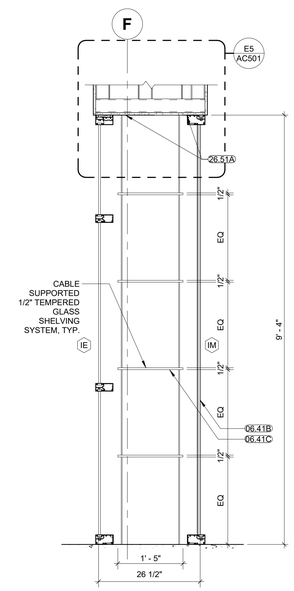
C5 LOBBY DISPLAY CASE
3/4" = 1'-0"
NORTH



A5 018 CORR - DISPLAY CASE
3/4" = 1'-0"
NORTH



A3 018 CORRIDOR - DISPLAY CASE SECTION
3/4" = 1'-0"



A1 LOBBY DISPLAY CASE
3/4" = 1'-0"

GENERAL NOTES - FLOOR FINISH PLANS:

1. RE: SHEET G-011 - FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: FINISH LEGEND, FINISH SCHEDULE, AND FLOOR FINISH PLANS FOR SPECIFIC FLOOR FINISH INFORMATION AND LOCATIONS.
3. RE: FINISH DETAILS SHEET FOR ADDITIONAL FINISH & FLOOR TRANSITION CONDITIONS.
4. FLOOR FINISHES SHOWN ARE FOR ACCENT CLARIFICATION ONLY. RE: FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
5. FLOOR FINISH PATTERN SHALL BE CENTERED IN ROOM, UNLESS NOTED OTHERWISE.
6. ALIGN ALL WALL TILE JOINTS WITH FLOOR TILE JOINTS, UNLESS NOTED OR SHOWN OTHERWISE.
7. ALL CLOSETS & ALCOVES WITHOUT A SPACE IDENTIFICATION NUMBER SHALL HAVE THE SAME FLOOR FINISHES AS ADJOINING SPACES.
8. FLOOR FINISH MATERIAL AND/OR PATTERN SHALL BE INSTALLED UNDER TOE KICKS OF CASEWORK/ MILLWORK, UNDER OPEN COUNTERTOPS, & UNDER EQUIPMENT.
9. FLOOR MATERIAL/ COLOR TRANSITIONS TO ALIGN WITH ROOM SIDE OF DOOR STOP, UNLESS NOTED OR SHOWN OTHERWISE.
10. INSTALL TRANSITION STRIPS AT ALL FLOOR FINISH MATERIAL CHANGES, UNLESS NOTED OTHERWISE.

GENERAL NOTES - WALL FINISH / WALL PROTECTION PLANS:

1. RE: SHEET G-011 - FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: FINISH LEGEND & FINISH SCHEDULE FOR SPECIFIC FINISH INFORMATION & LOCATIONS.
3. RE: SHEET AI501 FOR ADDITIONAL WALL FINISH / WALL PROTECTION DETAILS.
4. CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING FOR WALL PROTECTION ATTACHMENT. THIS INCLUDES, BUT IS NOT LIMITED TO: CRASH RAILS, HANDRAILS & BUMPER RAILS. RE: ROUGH CARPENTRY SPECIFICATION SECTION FOR CLARIFICATION.
5. CONTRACTOR SHALL PROVIDE MANUFACTURER'S STANDARD ACCESSORY MOLDING OR TRIM FOR WALL PROTECTION ITEMS, UNLESS NOTED OTHERWISE.
6. IF WALL IS LESS THAN 18" WIDE DO NOT PROVIDE HANDRAIL. HANDRAILS SHOULD STOP APPROXIMATELY 3" FROM THE OPEN SWING OF A DOOR. HANDRAILS SHOULD STOP APPROXIMATELY 3" FROM A CORNER GUARD. RE: SHEET AI501

GENERAL NOTES - INTERIOR FINISHES:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: AC SERIES SHEETS FOR ADDITIONAL CEILING FINISH INFORMATION.
3. RE: A-451 SERIES SHEETS FOR ADDITIONAL WALL FINISH INFORMATION.
4. RE: AI SERIES SHEETS FOR ADDITIONAL FLOOR FINISH & WALL PROTECTION INFORMATION.
5. WHERE MULTIPLE FINISHES ARE LISTED IN ONE AREA OR ROOM ON THE FINISH SCHEDULE, REFER TO THE A-451 AND AI SERIES SHEETS FOR FINISH CLARIFICATION.
6. ALL INTERIOR GYP. BD. SURFACES SHALL RECEIVE EGGSHELL/ SATIN FINISH LATEX PAINT, UNLESS NOTED OR SPECIFIED OTHERWISE.
7. INTERIOR GYP. BD. SURFACES TO RECEIVE EPOXY PAINT SHALL HAVE A SATIN FINISH, UNLESS NOTED OR SPECIFIED OTHERWISE.
8. INSTALL METAL TRANSITION STRIP WHERE WALL TILE MEETS PAINTED GYP. BD. WALL IN ALL VERTICAL AND/ OR HORIZONTAL CONDITIONS, UNLESS NOTED OTHERWISE.
9. HOLLOW METAL FRAMES SHALL RECEIVE SEMI-GLOSS FINISH.
10. WHERE PORCELAIN OR GLASS WALL TILES OF DIFFERENT THICKNESSES MEET, ENSURE THAT THE FACES OF THE DIFFERENT TILES ARE FLUSH.

MATERIAL KEYNOTES

03.30C	CONCRETE SLAB-ON-GRADE
03.30K	UNDER-SLAB VAPOR RETARDER
04.20A	CONCRETE MASONRY UNIT (CMU)
05.12A	STEEL COLUMN
05.41D	EXTERIOR NON-LOAD-BEARING MTL. C-STUDS - 6-INCH - RE: STRUCT. FOR SPACING
06.10C	FIRE-RETARDENT-TREATED WOOD BLOCKING, CONTINUOUS
06.16D	EXTERIOR GLASS-MAT GYPSUM WALL SHEATHING W/ TAPED AND SEALED SEAMS
06.41A	GLASS DISPAY CASE
06.41B	GLASS DISPAY CASE DOOR
06.41C	GLASS DISPAY CASE SHELF
07.21B	EXTRUDED-POLYSTYRENE BOARD INSULATION WITH TAPED AND SEALED SEAMS
07.21E	3-1/2-INCH THERMAL BATT INSULATION
07.21F	6-INCH THERMAL BATT INSULATION
07.27B	FLUID-APPLIED MEMBRANE AIR BARRIER
07.71A	PREFINISHED METAL COPING & CONT. CLEAT
07.92C	BACKER ROD AND SEALANT
08.11B	HOLLOW METAL FRAME
08.41A	ALUMINUM-FRAMED STOREFRONT SYSTEM - ENTRANCE DOORS
09.22A	1 5/8-INCH METAL STUDS @ 16-INCHES O.C.
09.22C	3 5/8-INCH METAL STUDS @ 16-INCHES O.C.
09.22E	6-INCH METAL STUDS @ 16-INCHES O.C.
09.22F	8-INCH METAL STUDS @ 16-INCHES O.C.
09.22H	7/8-INCH HAT RIGID CHANNEL
09.29A	INTERIOR 5/8-INCH GYP. BD. REF: WALL TYPES
09.29M	DRYWALL REVEAL. RE: TO FINISH LEGEND
09.65E	BASE RE: FINISH SCHEDULE
09.69	ACCESS FLOORING
26.51A	INTERIOR LIGHT FIXTURE, TYP. RE: ELECTRICAL
31.20B	GRANULAR FILL

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LEE'S SUMMIT JOINT OPERATIONS FACILITY

PACKAGE 2: CONSTRUCTION SET

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

REVISION DATES:

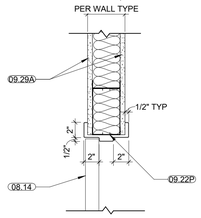
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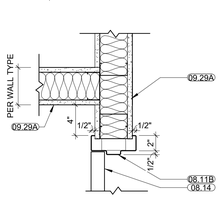
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ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

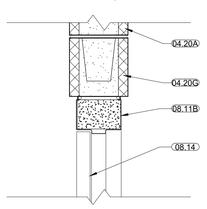
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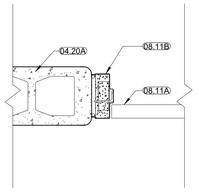
J12 HM DOOR HEAD - TYP.
1 1/2" = 1'-0"



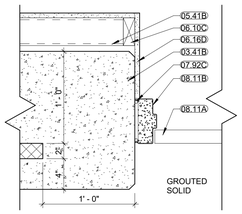
J10 HM DOOR JAMB - TYP.
1 1/2" = 1'-0"



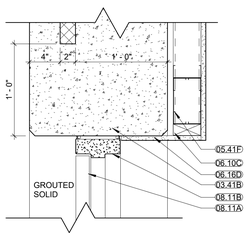
J9 HM DOOR HEAD - MASONRY
1 1/2" = 1'-0"



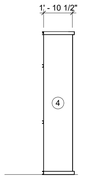
J7 HM DOOR JAMB - MASONRY
1 1/2" = 1'-0"



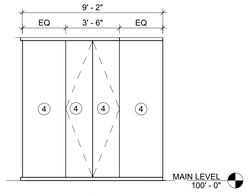
H12 HM JAMB AT PRECAST
1 1/2" = 1'-0"



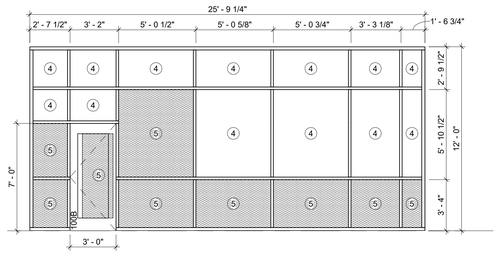
H10 HM HEAD IN PRECAST
1 1/2" = 1'-0"



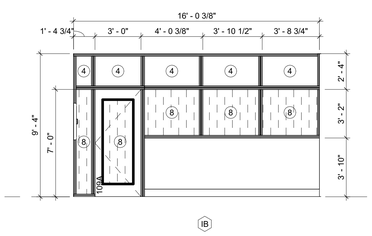
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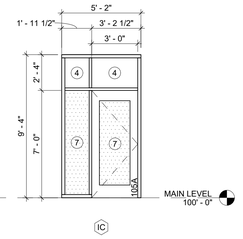
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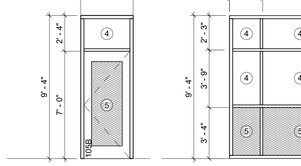
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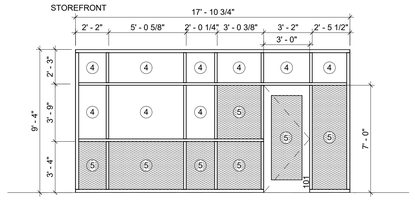
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BULLET RESISTANT FRAME



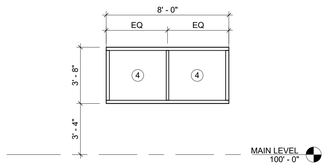
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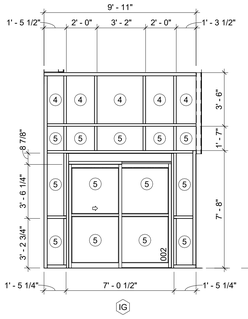
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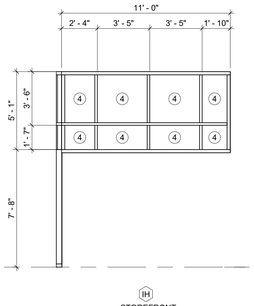
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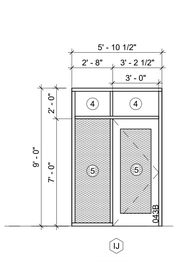
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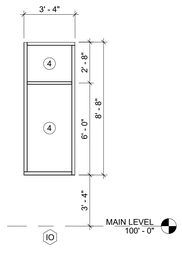
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CURTAINWALL



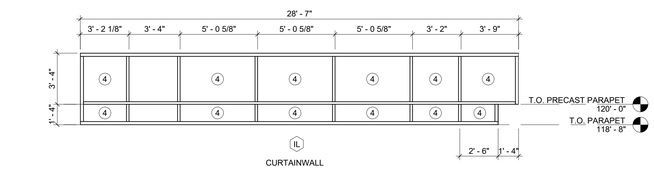
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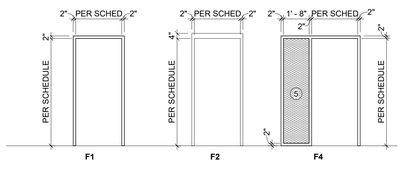
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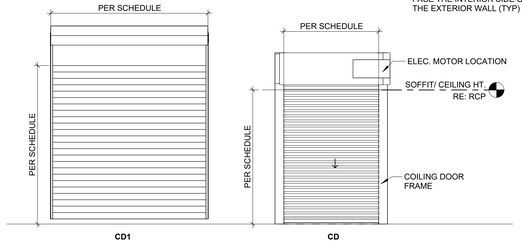
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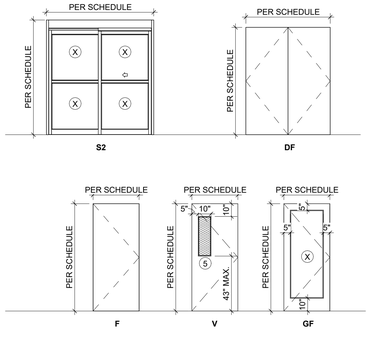
IL
CURTAINWALL



HM FRAME TYPES
1/4" = 1'-0"



PLEASE NOTE: AT ALL EXTERIOR DOORS, INSTALL DOOR TRACKS SO THEY FACE THE INTERIOR SIDE OF THE EXTERIOR WALL (TYP)



DOOR TYPES
1/4" = 1'-0"

DOOR SCHEDULE

DOOR #	ROOM: NAME	WIDTH	HEIGHT	DOOR MATERIAL	DOOR TYPE	FRAME MATERIAL	FRAME TYPE	FIRE RATING	AAOS Project HW Set	HEAD	JAMB	REMARKS
001	VEST.	7' - 0"	7' - 5 3/4"	ALUM	S2	ALUM	B2		2.0		A1/A-522	1
002	VEST.	7' - 0"	7' - 5 3/4"	ALUM	S2	ALUM	IG		2.0			1
005	FIRE DISPATCH	3' - 0"	7' - 0"	--	F	--	F1		4.0	A4 / A-503	A6 / A-522	2
007A	QA	3' - 0"	7' - 0"	WD	F	HM	F4		17.0	J12 / A-601	J10 / A-601	
007B	QA	3' - 0"	7' - 0"	WD	F	HM	F1		10.0	J12 / A-601	J10 / A-601	
008A	FIRE SUPV	3' - 0"	7' - 0"	WD	F	HM	F4		17.0	J12 / A-601	J10 / A-601	
008B	FIRE SUPV	3' - 0"	7' - 0"	WD	F	HM	F1		10.0	J12 / A-601	J10 / A-601	
011	CORR.	3' - 0"	7' - 0"	WD	F	HM	F4		10.0	J12 / A-601	J10 / A-601	
012	W. RR	3' - 0"	7' - 0"	WD	F	HM	F1		30.0	J12 / A-601	J10 / A-601	
013	M. RR	3' - 0"	7' - 0"	WD	F	HM	F1		30.0	J12 / A-601	J10 / A-601	
014	MECH	4' - 0"	7' - 0"	WD	F	HM	F1		21.0	J12 / A-601	J10 / A-601	
015A	POLICE SUPV	3' - 0"	7' - 0"	WD	F	HM	F4		17.0	J12 / A-601	J10 / A-601	
015B	POLICE SUPV	3' - 0"	7' - 0"	WD	F	HM	F1		10.0	J12 / A-601	J10 / A-601	
016A	POLICE CAPT	3' - 0"	7' - 0"	WD	F	HM	F4		17.0	J12 / A-601	J10 / A-601	
016B	POLICE CAPT	3' - 0"	7' - 0"	WD	F	HM	F1		10.0	J12 / A-601	J10 / A-601	
017A	DISPATCH TRAINING	3' - 0"	7' - 0"	WD	F	HM	F1		10.0	J12 / A-601	J10 / A-601	
017B	DISPATCH TRAINING	3' - 0"	7' - 0"	WD	F	HM	F1		10.0	J12 / A-601	J10 / A-601	
018A	CORR.	3' - 0"	7' - 0"	--	F	--	F1		3.0	A4 / A-503	A6 / A-522	2
018B	UTILITY YARD	3' - 0"	7' - 0"	HM	F	HM	F1		5.0		A4 / A-522	2
019	CONF.	3' - 0"	7' - 0"	WD	F	HM	F4		17.0	J12 / A-601	J10 / A-601	
020	WATER	3' - 0"	7' - 0"	HM	F	HM	F1		20.0	J12 / A-601	J10 / A-601	
021	ELEC.	3' - 0"	7' - 0"	HM	F	HM	F1		24.0	J12 / A-601	J10 / A-601	
022	MEDIA	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
023	COMM STOR.	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
024	CORR.	6' - 0"	11' - 2"	ST	CD	ST	CD	90 MIN	1.0			2
025	QUIET	3' - 0"	7' - 0"	WD	F	HM	F1		30.0	J12 / A-601	J10 / A-601	
027	QUIET	3' - 0"	7' - 0"	WD	F	HM	F1		30.0	J12 / A-601	J10 / A-601	
028	QUIET	3' - 0"	7' - 0"	WD	F	HM	F1		30.0	J12 / A-601	J10 / A-601	
029	QUIET	3' - 0"	7' - 0"	WD	F	HM	F1		30.0	J12 / A-601	J10 / A-601	
030	JANITOR	3' - 0"	7' - 0"	HM	F	HM	F1		35.0	J12 / A-601	J10 / A-601	
032	CHANGING	3' - 0"	7' - 0"	WD	F	HM	F1		31.0	J12 / A-601	J10 / A-601	
033	CHANGING	3' - 0"	7' - 0"	WD	F	HM	F1		31.0	J12 / A-601	J10 / A-601	
034	CHANGING	3' - 0"	7' - 0"	WD	F	HM	F1		31.0	J12 / A-601	J10 / A-601	
036	SHOWER	3' - 0"	7' - 0"	WD	F	HM	F1		30.0	J12 / A-601	J10 / A-601	
038	ADA SHOWER	3' - 0"	7' - 0"	WD	F	HM	F1		30.0	J12 / A-601	J10 / A-601	
039A	GENERAL STORAGE	6' - 0"	8' - 0"	ST	CD1	ST			1.0			4
039B	GENERAL STORAGE	3' - 0"	7' - 0"	HM	F	HM	F1		18.0	J12 / A-601	J10 / A-601	
039C	GENERAL STORAGE	3' - 0"	7' - 0"	HM	F	HM	F1		18.0	J12 / A-601	J10 / A-601	
040	ELEC.	3' - 0"	7' - 0"	HM	F	HM	F1		22.0	J12 / A-601	J10 / A-601	
041	IT	3' - 0"	7' - 0"	HM	F	HM	F1		10.0	J12 / A-601	J10 / A-601	
042A	LOADING DOCK	3' - 0"	8' - 0"	HM	DF	HM	F2		25.0	J9 / A-601	J7 / A-601	
042B	LOADING DOCK			ST	CD1	ST	CD1		1.0	H1 / A-502	D1 / A-522	
042C	LOADING DOCK	3' - 0"	7' - 0"	HM	F	HM	F2		8.0			
043A	VEST.	3' - 0"	7' - 4"	ALUM	GF	ALUM	H		6.0			
043B	VEST.	3' - 0"	7' - 0"	ALUM	GF	ALUM	IJ		38.0			
045	IT OPEN OFFICE	3' - 0"	7' - 0"	WD	DF	HM	F1		15.0	J12 / A-601	J10 / A-601	
047	IT WORK	3' - 0"	7' - 0"	WD	DF	HM	F1		28.0	J12 / A-601	J10 / A-601	
048	988	3' - 0"	7' - 0"	WD	F	HM	F1		27.0	J12 / A-601	J10 / A-601	
049A	FITNESS	3' - 0"	7' - 0"	WD	F	HM	F4		36.0	J12 / A-601	J10 / A-601	
049B	FITNESS	3' - 0"	7' - 4"	ALUM	GF	ALUM	L1		6.0			
100A	VEST.	3' - 0"	7' - 4"	ALUM	GF	ALUM	A1		7.0	F6 / A-501		
100B	VEST.	3' - 0"	7' - 0"	ALUM	GF	ALUM	IA		39.0			
101	LOBBY	3' - 0"	7' - 0"	ALUM	GF	ALUM	IE		11.0			
105A	CONFERENCE	3' - 0"	7' - 0"	ALUM	GF	ALUM	IC		17.1			
105B	RECPT.	3' - 0"	7' - 0"	ALUM	GF	ALUM	ID		13.0			
106	STORAGE	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
107	FIRE OPS CTR	3' - 0"	7' - 0"	WD	F	HM	F1		10.0	J12 / A-601	J10 / A-601	
109A	RECPT.	3' - 0"	7' - 0"	ALUM	GF	ALUM	IB		12.0			3
109B	CORR.	3' - 0"	7' - 0"	WD	F	HM	F1		9.0	J12 / A-601	J10 / A-601	
110	BC - PREV	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
111	AC - PREV	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
112	MEDICAL DIR.	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
113	AC - EMS	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
114	ADMIN DIV. CONF.	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
115	DC - ADMIN	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
116	OPEN OFFICE	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
116B	AC-SS	3' - 0"	7' - 0"	WD	F	HM	F1		23.0	J12 / A-601	J10 / A-601	
121	CHIEF	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
122	STOR.	2' - 8"	7' - 0"	WD	F	HM	F1		23.0	J12 / A-601	J10 / A-601	
123	CHIEF	2' - 8"	7' - 0"	WD	F	HM	F1		31.0	J12 / A-601	J10 / A-601	
124	PR-FUTURE	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
125	ADMIN MGR	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
126	BC - TRAIN-FUTURE	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
127	AC - TRAIN	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
128	OPP. DIV CONF	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
129	DC - OPP	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
130	RR	3' - 0"	7' - 0"	WD	F	HM	F1		30.0	J12 / A-601	J10 / A-601	
131	RR	3' - 0"	7' - 0"	WD	F	HM	F1		30.0	J12 / A-601	J10 / A-601	
132	RR	3' - 0"	7' - 0"	WD	F	HM	F1		30.0	J12 / A-601	J10 / A-601	
133	RR	3' - 0"	7' - 0"	WD	F	HM	F1		30.0	J12 / A-601	J10 / A-601	
134	ROOF	3' - 0"	7' - 0"	WD	F	HM	F1		19.0	J12 / A-601	J10 / A-601	
135		5' - 0"	11' - 2"	ST	CD	ST	CD	90 MIN	1.0			2
136	RR	3' - 0"	7' - 0"	WD	F	HM	F1		30.0	J12 / A-601	J10 / A-601	
137	RR	3' - 0"	7' - 0"	WD	F	HM	F1		30.0	J12 / A-601	J10 / A-601	
138A / 3	BREAK	3' - 0"	7' - 0"	WD	F	HM	F1		22.0	J12 / A-601	J10 / A-601	
138B	EOC	3' - 0"	7' - 0"	WD	F	HM	F1		10.0	J12 / A-601	J10 / A-601	
139	EOC	3' - 0"	7' - 0"	WD	F	HM	F1		33.0	J12 / A-601	J10 / A-601	
140A	CONFERENCE	3' - 0"	7' - 0"	WD	F	HM	F4		10.0	J12 / A-601	J10 / A-601	
140B / 3	CHECK IN	3' - 0"	7' - 0"	WD	V	HM	F1		27.0	J12 / A-601	J10 / A-601	
141	STORAGE	3' - 0"	7' - 0"	WD	F	HM	F1		17.0	J12 / A-601	J10 / A-601	
142	CONFERENCE	3' - 0"	7' - 0"	WD	V	HM	F1		17.0	J12 / A-601	J10 / A-601	
143	CONFERENCE	3' - 0"	7' - 0"	WD	V	HM	F1		17.0	J12 / A-601	J10 / A-601	
144	PLANNER	3' - 0"	7' - 0"	WD	V	HM	F1		17.0	J12 / A-601	J10 / A-601	
145	AC - EMERG MGMT	3' - 0"	7' - 0"	WD	V	HM	F1		17.0	J12 / A-601	J10 / A-601	
146	SERVERS	3' - 0"	7' - 0"	WD	F	HM	F1		10.0	J12 / A-601	J10 / A-601	
147	UPS	3' - 0"	7' - 0"	WD	F	HM	F1		32.0	J12 / A-601	J10 / A-601	
148	BREAK	3' - 0"	7' - 0"	WD	F	HM	F1		10.0	J12 / A-601	J10 / A-601	
149	JAN	3' - 0"	7' - 0"	WD	F	HM	F1		22.0	J12 / A-601	J10 / A-601	
150	CORR.	3' - 0"	7' - 2"	HM / 3	F	HM	F2	90 MIN	41.0			2
151	DRIVING SIM	3' - 0"	7' - 0"	WD	F	HM	F1		10.0	J12 / A-601	J10 / A-601	
152A	EMS SIM	3' - 0"	7' - 0"	WD	F	HM	F1		14.0	J12 / A-601	J10 / A-601	
153	STORAGE	3' - 0"	7' - 0"	WD	F	HM	F1		26.0 / 3	J12 / A-601	J10 / A-601	
154B	VIEW.	3' - 0"	7' - 0"	WD	V	HM	F1		34.0	J12 / A-601	J10 / A-601	
155A	TRAINING	3' - 0"	7' - 0"	WD	V	HM	F1		29.0	J12 / A-601	J10 / A-601	
155B	TRAINING	3' - 0"	7' - 0"	WD	V	HM	F1		29.0	J12 / A-601	J10 / A-601	
156A	TRAINING	3' - 0"	7' - 0"	HM	F	HM	F1		3.0	E4 / A-502	A1/A-521	2
156B	TRAINING	3' - 0"	7' - 0"	HM	F	HM	F1		3.0	E4 / A-502	A1/A-521	2
158	STOR.	3' - 0"	7' - 0"	WD	DF	HM	F1		26.0	J12 / A-601	J10 / A-601	
157	MECH.	3' - 0"	7' - 0"	HM	F	HM	F1		22.0	J12 / A-601	J10 / A-601	
ST-1A	STAIR	3' - 0"	7' - 0"	HM	F	HM	F1		3.0	H10 / A-601	A6 / A-522	2
ST-1B	STAIR	3' - 0"	7' - 0"	HM	F	HM	F1		37.0	J12 / A-601	J10 / A-601	
ST-1C	STAIR	3' - 0"	7' - 0"	WD	F	HM	F1		16.0	J12 / A-601	J10 / A-601	
TR-01		3' - 0"	7' - 0"	HM	F	HM	F2		8.1			

DOOR SCHEDULE REMARKS:
1. REFERENCE EXTERIOR WINDOW AND DOOR TYPES ON SHEET A-251.
2. ICC 500 COMPLIANT DOOR
3. LEVEL III BULLET RESISTANT
4. MANUAL COILING DOOR

GENERAL NOTES:

1. HM REFERS TO HOLLOW METAL
2. AL REFERS TO ALUMINUM
3. WD REFERS TO WOOD
4. ST REFERS TO STEEL
5. GL REFERS TO GLASS
6. OHCD REFERS TO OVERHEAD COILING DOOR
7. ALL EXTERIOR ALUMINUM DOORS & FRAMES ARE TO BE FINISHED TO MATCH ADJACENT ALUMINUM WINDOW FRAME, UNO
8. REFER TO FINISH SCHEDULE FOR FINISH OF INTERIOR DOORS AND FRAMES.

GLASS TYPE LEGEND

DESIGNATION NUMBER	DESCRIPTION
1	VIRACON VRE 26-38 -1/4" SOLARBLUE HEAT STRENGTHENED VRE 26-38 #2 -1/2" AIR SPACE -1/4" CLEAR HEAT-STRENGTHENED
2	VIRACON VRE 26-38 TEMPERED -1/4" SOLARBLUE TEMPERED VRE 26-38 #2 -1/2" AIR SPACE -1/4" CLEAR TEMPERED
3	VIRACON VRE 26-38 -1/4" SOLARBLUE HEAT STRENGTHENED VRE 26-38 #2 -1/2" AIR SPACE -1/4" SPANDREL V908
4	-1/2" CLEAR GLASS
5	-1/2" CLEAR GLASS TEMPERED
6	2" TOR-GARD 30 IG GLAZING -1/4" SOLARBLUE HEAT STRENGTHENED VRE 26-38 #2
7	-1/2" CLEAR GLASS TEMPERED -FROSTED CLEAR FILM SWF
8	BULLET RESISTANT -1 1/4" UL 752 LEVEL 3

MATERIAL KEYNOTES

03.41B	PRECAST CONCRETE WALL
04.20A	CONCRETE MASONRY UNIT (CMU)
04.20G	CONCRETE MASONRY UNIT (CMU) BOND BEAM GROUTED FULL
05.41B	EXTERIOR NON-LOAD-BEARING MTL. C-STUDS - 3 5/8-INCH - RE: STRUCT. FOR SPACING
05.41F	EXTERIOR NON-LOAD-BEARING MTL. BOX BEAM HEADER
06.10C	FIRE-RETARDENT-TREATED WOOD BLOCKING, CONTINUOUS
06.16D	EXTERIOR GLASS-MAT GYPSUM WALL SHEATHING W/ TAPED AND SEALED SEAMS
07.92C	BACKER ROD AND SEALANT
08.11A	HOLLOW METAL DOOR
08.11B	HOLLOW METAL FRAME
08.14	WOOD DOOR
09.22P	3 5/8-INCH BOX BEAM HEADER
09.29A	INTERIOR 5/8-INCH GYP. BD. REF: WALL TYPES

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PACKAGE 2: CONSTRUCTION SET

2 NE TUDOR RD
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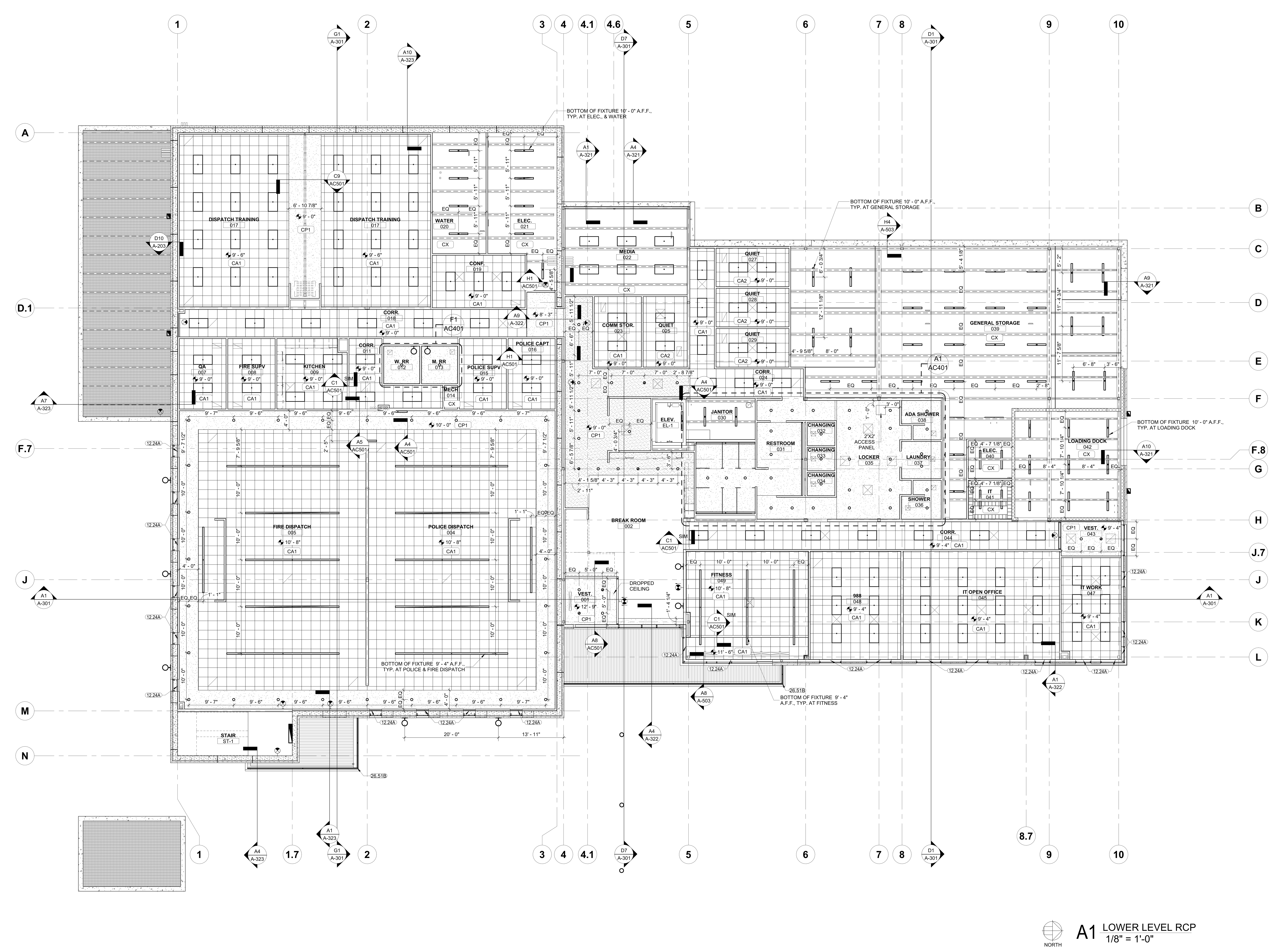
3	ADDENDUM 3	11/18/2024
4	ADDENDUM 4	11/26/2024

PROFESSIONAL SEAL

A-601

ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

DOOR SCHEDULE, DETAILS, AND INT. WIN. TYPES



A1 LOWER LEVEL RCP
1/8" = 1'-0"

GENERAL NOTES- REFLECTED CEILING PLANS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. DIMENSIONS SHOWN ON THE REFLECTED CEILING PLANS ARE TO THE FACE OF GYP. BOARD (FOG), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
3. ALL CEILINGS TO BE **9'-0"** AFF, UNLESS NOTED OTHERWISE.
4. ALL CEILING HEIGHTS AS SHOWN ON PLANS AND DETAILS ARE FROM SLAB OR TILE FLOOR (FINISHED FLOOR) TO FINISH CEILING.
5. AT ALL GYP. BD. SOFFITS: EXTEND GYP. BD. UP 6 INCHES ABOVE ADJACENT CEILING UNLESS NOTED OTHERWISE.
6. RE: DETAILS FOR ADDITIONAL CONDITIONS AND CEILING HEIGHT INFORMATION.
7. RE: FINISH LEGEND AND FINISH PLANS FOR ROOM CEILING FINISHES.
8. CEILING TILES/GRID TO BE CENTERED IN THE ROOM, UNLESS NOTED OTHERWISE.
9. RECESSED LIGHTING, SPEAKERS, SMOKE DETECTORS, ETC. AND PENDANT LIGHT FIXTURES - SHALL BE CENTERED IN CEILING TILE OR GYP. BD. CEILING, UNLESS NOTED OTHERWISE.
10. RE: INTERIOR ELEVATIONS FOR LOCATION OF WALL MOUNTED LIGHT FIXTURES.
11. RE: ELECTRICAL SHEETS AND SPECIFICATIONS FOR DETAILED INFORMATION ON LIGHT FIXTURE SCHEDULE.
12. RE: MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILED INFORMATION ON DIFFUSERS.
13. COORDINATE ALL PENDANT MOUNTED LIGHT FIXTURES IN MECHANICAL AND ELECTRICAL ROOMS WITH EXPOSED STRUCTURE.
14. COORDINATE ALL CEILING MOUNTED EQUIPMENT WITH FURNITURE AND CASEWORK BELOW.
15. IF THERE IS A CONFLICT BETWEEN ANY ABOVE-CEILING MECHANICAL / ELECTRICAL / PLUMBING WORK & THE SCHEDULED OR SHOWN CEILING HEIGHT, CONTACT THE ARCHITECT IMMEDIATELY FOR CLARIFICATION.
16. RE: INTERIOR ELEVATIONS FOR PENDANT LIGHT FIXTURE HEIGHTS. IF HEIGHT IS NOT SHOWN, COORDINATE WITH ARCHITECT.
17. COORDINATE DIFFUSER/ LIGHT FIXTURE COLORS WITH ARCHITECT.
18. CONTRACTOR TO PROVIDE BLOCKING/ SUPPORT FOR ANY CEILING MOUNTED EQUIPMENT, HEAVY LIGHT FIXTURES/ CEILING FANS/ TOILET PARTITIONS, ETC.

REFLECTED CEILING PLAN SYMBOLS:

- 9'-0" — CEILING HEIGHT
- GYP. BD.
- SUSP. CEILING SYSTEM
- SUPPLY AIR
- RETURN/EXHAUST AIR
- 2X4 LIGHT FIXTURE
- SUSPENDED LINEAR LIGHT FIXTURE
- SUSPENDED LIGHT FIXTURE
- CAN LIGHT
- WALL MOUNTED LIGHT FIXTURE
- FIRE EXIT SIGN
- CONTROL JOINT IN GYP BD CEILING
- 2'X2' LAY-IN CEILING
- 1 HOUR RATED LID UL 415
- OPEN TO STRUCTURE
- EXTERIOR WOOD LOOKING METAL PANEL SOFFIT

MATERIAL KEYNOTES	
12.24A	ROLLER WINDOW SHADE - SINGLE SHADE
26.51B	EXTERIOR LIGHT FIXTURE RE: ELECTRICAL

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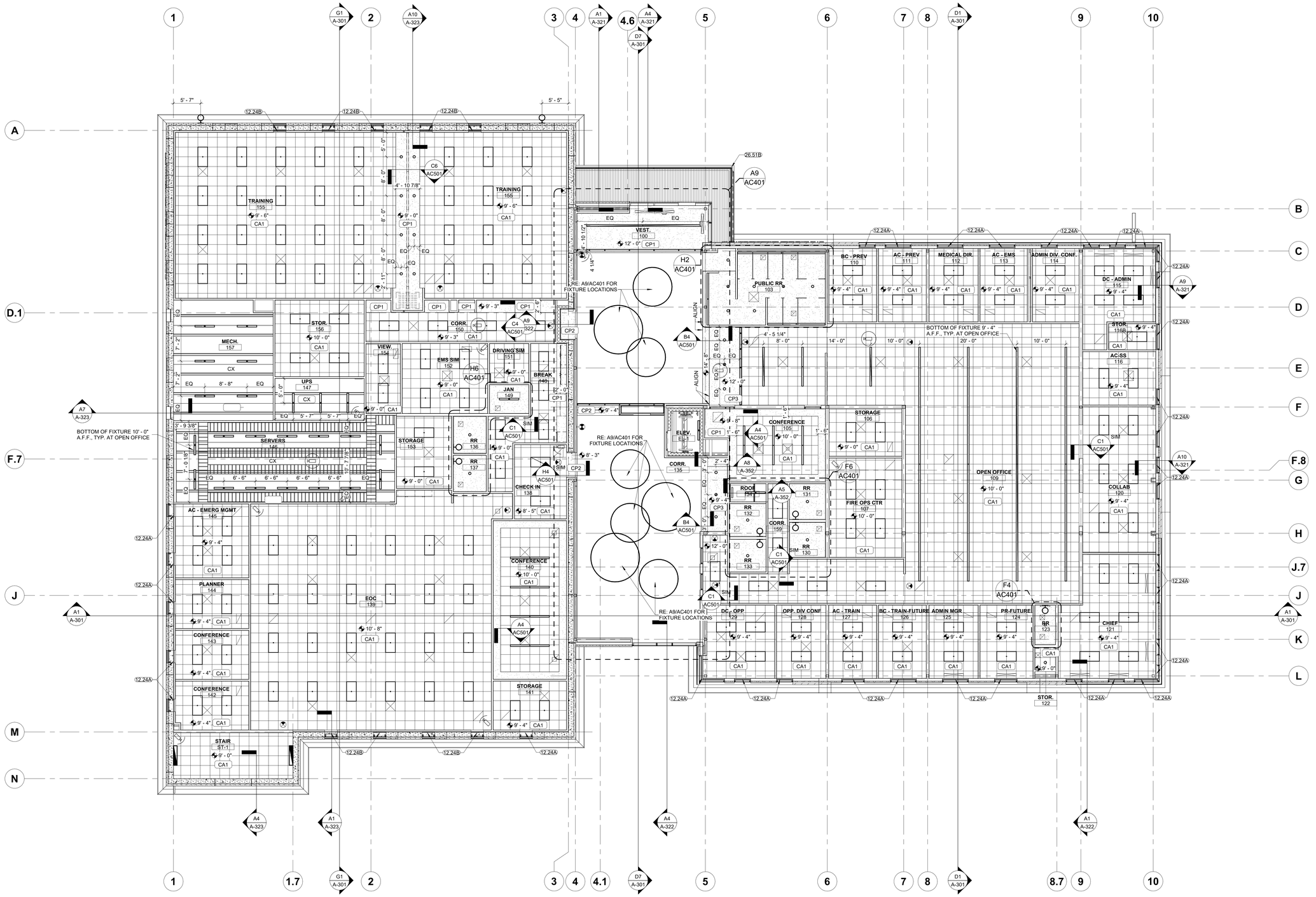
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AC101
ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

LOWER LEVEL - RCP



A1 MAIN LEVEL RCP
1/8" = 1'-0"

NORTH

MAIN LEVEL - RCP

GENERAL NOTES- REFLECTED CEILING PLANS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. DIMENSIONS SHOWN ON THE REFLECTED CEILING PLANS ARE TO THE FACE OF GYP. BOARD (FOG), AND COLUMN GRID LINES. UNLESS NOTED OR SHOWN OTHERWISE.
3. ALL CEILINGS TO BE **9'-0"** AFF, UNLESS NOTED OTHERWISE.
4. ALL CEILING HEIGHTS AS SHOWN ON PLANS AND DETAILS ARE FROM SLAB OR TILE FLOOR (FINISHED FLOOR) TO FINISH CEILING.
5. AT ALL GYP. BD. SOFFITS: EXTEND GYP. BD. UP 6 INCHES ABOVE ADJACENT CEILING UNLESS NOTED OTHERWISE.
6. RE: DETAILS FOR ADDITIONAL CONDITIONS AND CEILING HEIGHT INFORMATION.
7. RE: FINISH LEGEND AND FINISH PLANS FOR ROOM CEILING FINISHES.
8. CEILING TILES/GRID TO BE CENTERED IN THE ROOM, UNLESS NOTED OTHERWISE.
9. RECESSED LIGHTING, SPEAKERS, SMOKE DETECTORS, ETC. AND PENDANT LIGHT FIXTURES - SHALL BE CENTERED IN CEILING TILE OR GYP. BD. CEILING, UNLESS NOTED OTHERWISE.
10. RE: INTERIOR ELEVATIONS FOR LOCATION OF WALL MOUNTED LIGHT FIXTURES.
11. RE: ELECTRICAL SHEETS AND SPECIFICATIONS FOR DETAILED INFORMATION ON LIGHT FIXTURE SCHEDULE.
12. RE: MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILED INFORMATION ON DIFFUSERS.
13. COORDINATE ALL PENDANT MOUNTED LIGHT FIXTURES IN MECHANICAL AND ELECTRICAL ROOMS WITH EXPOSED STRUCTURE.
14. COORDINATE ALL CEILING MOUNTED EQUIPMENT WITH FURNITURE AND CASEWORK BELOW.
15. IF THERE IS A CONFLICT BETWEEN ANY ABOVE-CEILING MECHANICAL / ELECTRICAL / PLUMBING WORK & THE SCHEDULED OR SHOWN CEILING HEIGHT, CONTACT THE ARCHITECT IMMEDIATELY FOR CLARIFICATION.
16. RE: INTERIOR ELEVATIONS FOR PENDANT LIGHT FIXTURE HEIGHTS. IF HEIGHT IS NOT SHOWN, COORDINATE WITH ARCHITECT.
17. COORDINATE DIFFUSER/ LIGHT FIXTURE COLORS WITH ARCHITECT.
18. CONTRACTOR TO PROVIDE BLOCKING/ SUPPORT FOR ANY CEILING MOUNTED EQUIPMENT, HEAVY LIGHT FIXTURES/ CEILING FANS/ TOILET PARTITIONS, ETC.

REFLECTED CEILING PLAN SYMBOLS:

- 9'-0" — CEILING HEIGHT
- GYP. BD.
- SUSP. CEILING SYSTEM
- SUPPLY AIR
- RETURN/EXHAUST AIR
- 2X4 LIGHT FIXTURE
- SUSPENDED LINEAR LIGHT FIXTURE
- SUSPENDED LIGHT FIXTURE
- CAN LIGHT
- WALL MOUNTED LIGHT FIXTURE
- FIRE EXIT SIGN
- CONTROL JOINT IN GYP BD CEILING
- 2'X2' LAY-IN CEILING
- 1 HOUR RATED LID UL 415
- OPEN TO STRUCTURE
- EXTERIOR WOOD LOOKING METAL PANEL SOFFIT

MATERIAL KEYNOTES

12.24A	ROLLER WINDOW SHADE - SINGLE SHADE
12.24B	ROLLER WINDOW SHADE - DOUBLE SHADE
26.51B	EXTERIOR LIGHT FIXTURE RE: ELECTRICAL

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PACKAGE 2: CONSTRUCTION SET

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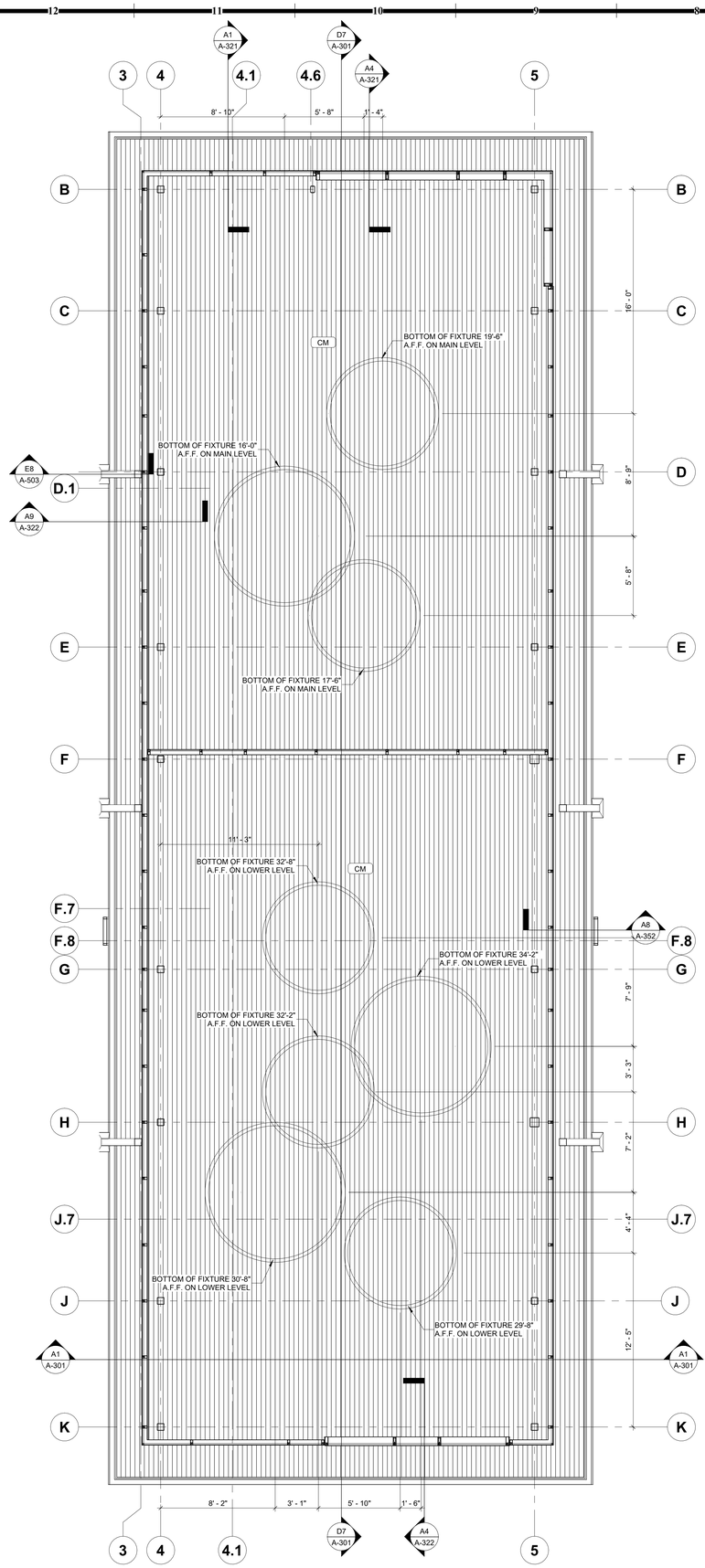
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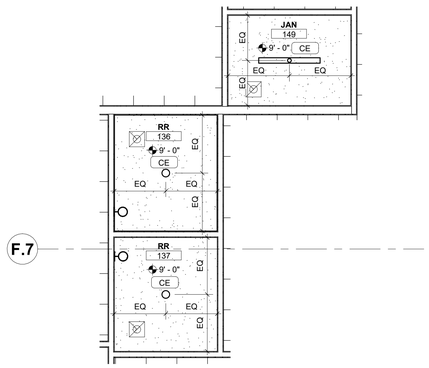
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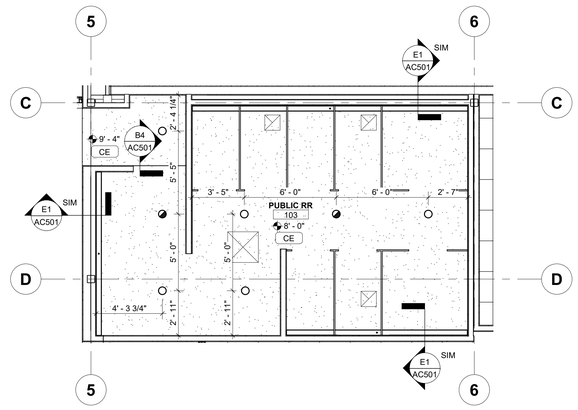
NORTH

A9 MAIN LEVEL RCP - CLERESTORY
1/4" = 1'-0"



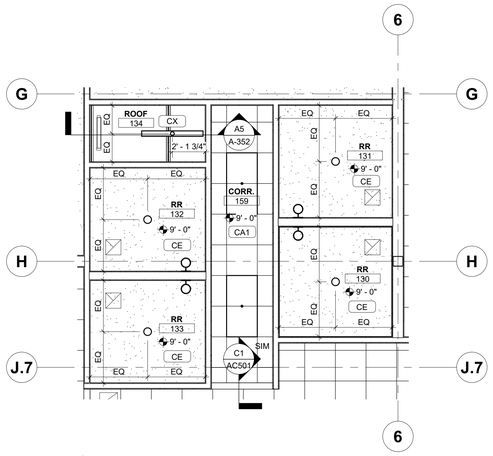
NORTH

H6 MAIN LEVEL RCP - EOC RR & JAN
1/4" = 1'-0"



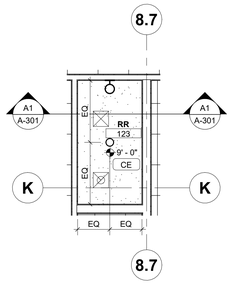
NORTH

H2 MAIN LEVEL RCP - PUBLIC RR
1/4" = 1'-0"



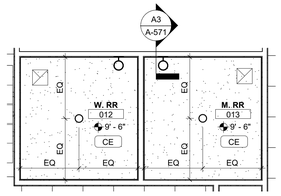
NORTH

F6 MAIN LEVEL RCP - FIRE ADMIN RR
1/4" = 1'-0"



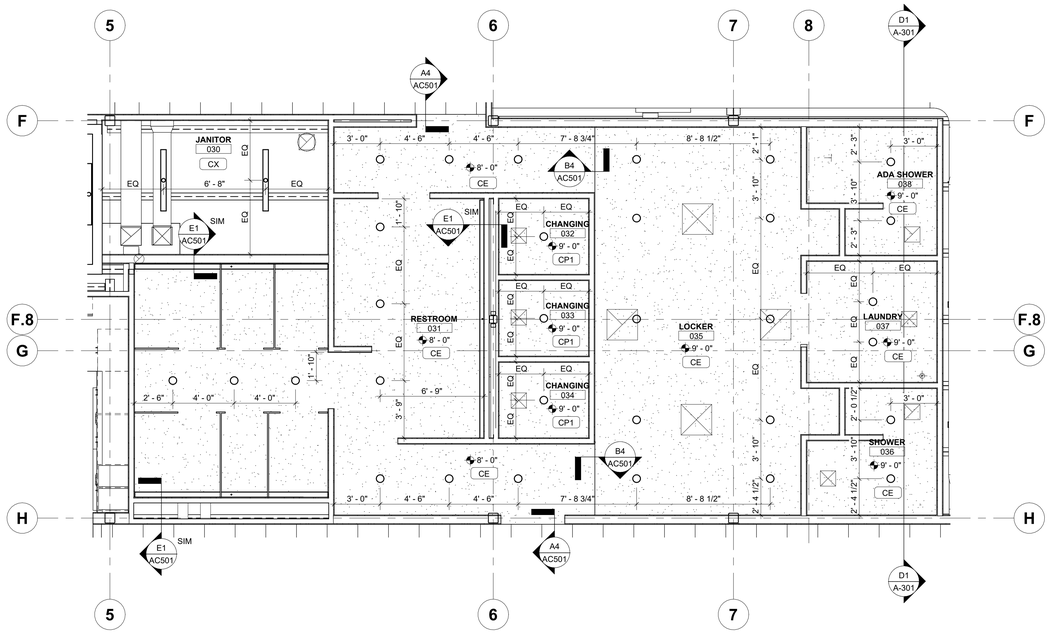
NORTH

F4 MAIN LEVEL RCP - CHIEF RR
1/4" = 1'-0"



NORTH

F1 LOWER LEVEL RCP - DISPATCH RR
1/4" = 1'-0"



NORTH

A1 LOWER LEVEL RCP - STAFF SUPPORT RR & LOCKER
1/4" = 1'-0"

GENERAL NOTES- REFLECTED CEILING PLANS:

1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. DIMENSIONS SHOWN ON THE REFLECTED CEILING PLANS ARE TO THE FACE OF GYP. BOARD (FOG), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.
3. ALL CEILINGS TO BE **9'-0"** AFF, UNLESS NOTED OTHERWISE.
4. ALL CEILING HEIGHTS AS SHOWN ON PLANS AND DETAILS ARE FROM SLAB OR TILE FLOOR (FINISHED FLOOR) TO FINISH CEILING.
5. AT ALL GYP. BD. SOFFITS: EXTEND GYP. BD. UP 6 INCHES ABOVE ADJACENT CEILING UNLESS NOTED OTHERWISE.
6. RE: DETAILS FOR ADDITIONAL CONDITIONS AND CEILING HEIGHT INFORMATION.
7. RE: FINISH LEGEND AND FINISH PLANS FOR ROOM CEILING FINISHES.
8. CEILING TILES/GRID TO BE CENTERED IN THE ROOM, UNLESS NOTED OTHERWISE.
9. RECESSED LIGHTING, SPEAKERS, SMOKE DETECTORS, ETC. AND PENDANT LIGHT FIXTURES - SHALL BE CENTERED IN CEILING TILE OR GYP. BD. CEILING, UNLESS NOTED OTHERWISE.
10. RE: INTERIOR ELEVATIONS FOR LOCATION OF WALL MOUNTED LIGHT FIXTURES.
11. RE: ELECTRICAL SHEETS AND SPECIFICATIONS FOR DETAILED INFORMATION ON LIGHT FIXTURE SCHEDULE.
12. RE: MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILED INFORMATION ON DIFFUSERS.
13. COORDINATE ALL PENDANT MOUNTED LIGHT FIXTURES IN MECHANICAL AND ELECTRICAL ROOMS WITH EXPOSED STRUCTURE.
14. COORDINATE ALL CEILING MOUNTED EQUIPMENT WITH FURNITURE AND CASEWORK BELOW.
15. IF THERE IS A CONFLICT BETWEEN ANY ABOVE-CEILING MECHANICAL / ELECTRICAL / PLUMBING WORK & THE SCHEDULED OR SHOWN CEILING HEIGHT, CONTACT THE ARCHITECT IMMEDIATELY FOR CLARIFICATION.
16. RE: INTERIOR ELEVATIONS FOR PENDANT LIGHT FIXTURE HEIGHTS. IF HEIGHT IS NOT SHOWN, COORDINATE WITH ARCHITECT.
17. COORDINATE DIFFUSER/ LIGHT FIXTURE COLORS WITH ARCHITECT.
18. CONTRACTOR TO PROVIDE BLOCKING/ SUPPORT FOR ANY CEILING MOUNTED EQUIPMENT, HEAVY LIGHT FIXTURES/ CEILING FANS/ TOILET PARTITIONS, ETC.

REFLECTED CEILING PLAN SYMBOLS:

- 9'-0" — CEILING HEIGHT
- GYP. BD.
- SUSP. CEILING SYSTEM
- SUPPLY AIR
- RETURN/EXHAUST AIR
- 2X4 LIGHT FIXTURE
- SUSPENDED LINEAR LIGHT FIXTURE
- SUSPENDED LIGHT FIXTURE
- CAN LIGHT
- WALL MOUNTED LIGHT FIXTURE
- FIRE EXIT SIGN
- CONTROL JOINT IN GYP BD CEILING
- 2'X2' LAY-IN CEILING
- 1 HOUR RATED LID UL 415
- OPEN TO STRUCTURE
- EXTERIOR WOOD LOOKING METAL PANEL SOFFIT

MATERIAL KEYNOTES

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LEE'S SUMMIT JOINT OPERATIONS FACILITY

PACKAGE 2: CONSTRUCTION SET

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

REVISION DATES:

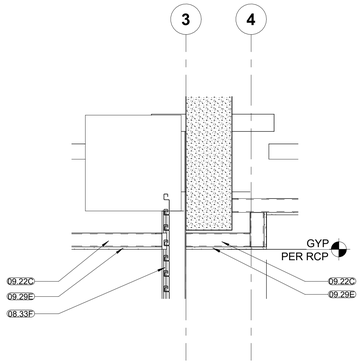
STATE OF MISSOURI
CHRISTOPHER KRUMREI
NUMBER A-2016011211
ARCHITECT

PROFESSIONAL SEAL

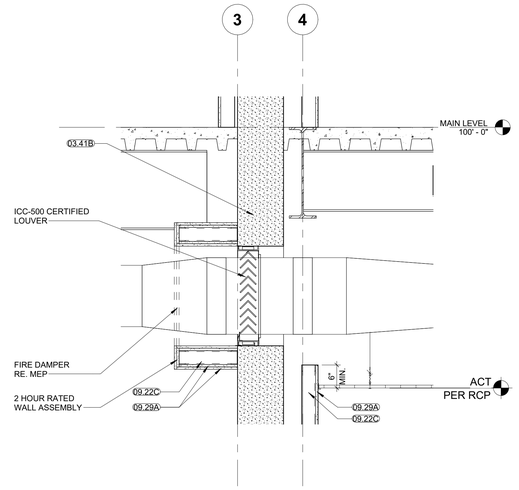
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ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

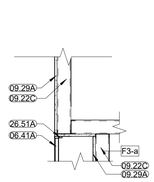
ENLARGED RCP



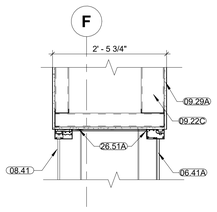
H4 DETAIL @ STORM SHUTTER
3/4" = 1'-0"



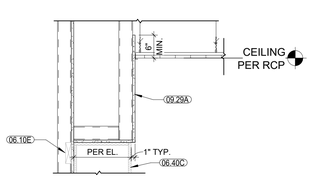
H1 STORM SHELTER LOUVER
3/4" = 1'-0"



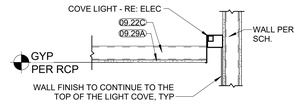
E8 DETAIL AT 018 CORR DISPLAY CASE
3/4" = 1'-0"



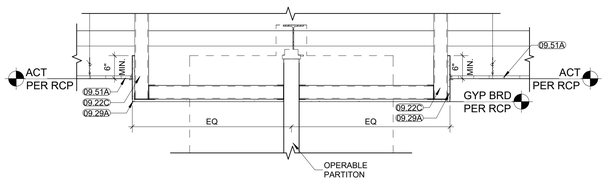
E5 DETAIL AT LOBBY DISPLAY CASE
3/4" = 1'-0"



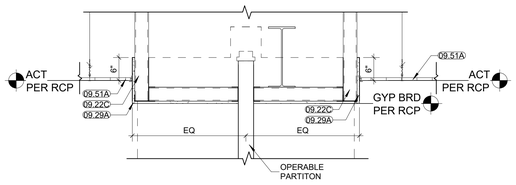
E4 GYP SOFFIT - CASEWORK SECTION
3/4" = 1'-0"



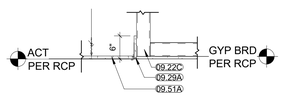
E1 TOILET COVE LIGHT DETAIL - TYP
3/4" = 1'-0"



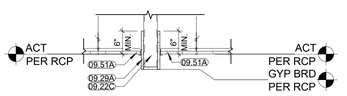
C9 LOWER LEVEL OPERABLE PARTITION SOFFIT DTL
3/4" = 1'-0"



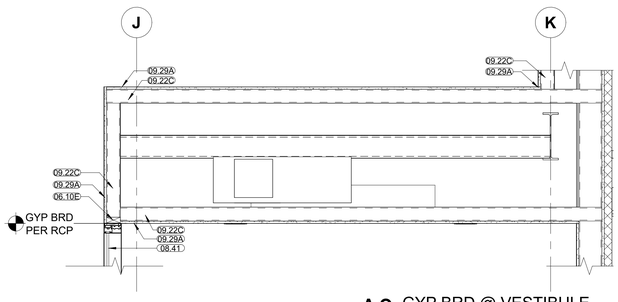
C6 MAIN LEVEL OPERABLE PARTITION SOFFIT DTL
3/4" = 1'-0"



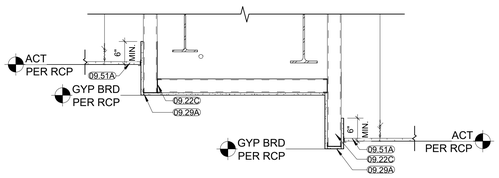
C4 ACT TO GYP. BRD., FLUSH
3/4" = 1'-0"



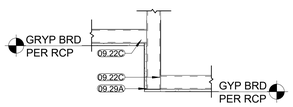
C1 GYP BRD BULKHEAD DETAIL - TYP.
3/4" = 1'-0"



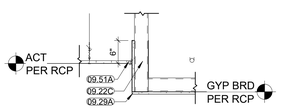
A8 GYP BRD @ VESTIBULE
3/4" = 1'-0"



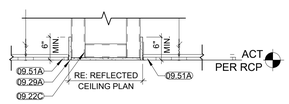
A5 DISPATCH SOFFIT DETAIL
3/4" = 1'-0"



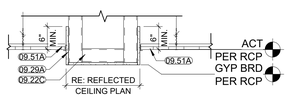
B4 GYP. BRD. SOFFIT DTL
3/4" = 1'-0"



A4 GYP TO ACT DETAIL
3/4" = 1'-0"



B1 GYP BRD FLUSH SOFFIT DETAIL - TYP
3/4" = 1'-0"



A1 GYP BRD SOFFIT DETAIL - TYP
3/4" = 1'-0"

GENERAL NOTES- REFLECTED CEILING PLANS:

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5. AT ALL GYP. BD. SOFFITS: EXTEND GYP. BD. UP 6 INCHES ABOVE ADJACENT CEILING UNLESS NOTED OTHERWISE.
6. RE: DETAILS FOR ADDITIONAL CONDITIONS AND CEILING HEIGHT INFORMATION.
7. RE: FINISH LEGEND AND FINISH PLANS FOR ROOM CEILING FINISHES.
8. CEILING TILES/GRID TO BE CENTERED IN THE ROOM, UNLESS NOTED OTHERWISE.
9. RECESSED LIGHTING, SPEAKERS, SMOKE DETECTORS, ETC. AND PENDANT LIGHT FIXTURES - SHALL BE CENTERED IN CEILING TILE OR GYP. BD. CEILING, UNLESS NOTED OTHERWISE.
10. RE: INTERIOR ELEVATIONS FOR LOCATION OF WALL MOUNTED LIGHT FIXTURES.
11. RE: ELECTRICAL SHEETS AND SPECIFICATIONS FOR DETAILED INFORMATION ON LIGHT FIXTURE SCHEDULE.
12. RE: MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILED INFORMATION ON DIFFUSERS.
13. COORDINATE ALL PENDANT MOUNTED LIGHT FIXTURES IN MECHANICAL AND ELECTRICAL ROOMS WITH EXPOSED STRUCTURE.
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16. RE: INTERIOR ELEVATIONS FOR PENDANT LIGHT FIXTURE HEIGHTS. IF HEIGHT IS NOT SHOWN, COORDINATE WITH ARCHITECT.
17. COORDINATE DIFFUSER/ LIGHT FIXTURE COLORS WITH ARCHITECT.
18. CONTRACTOR TO PROVIDE BLOCKING/ SUPPORT FOR ANY CEILING MOUNTED EQUIPMENT, HEAVY LIGHT FIXTURES/ CEILING FANS/ TOILET PARTITIONS, ETC.

MATERIAL KEYNOTES

03.41B	PRECAST CONCRETE WALL
06.10E	WOOD BLOCKING, AS REQUIRED
06.40C	PLASTIC LAMINATE CASEWORK
06.41A	GLASS DISPAY CASE
08.33F	ICC 500 RATED ROLLING SHUTTER
08.41	ALUMINUM-FRAMED STOREFRONT SYSTEM
09.22C	3 5/8-INCH METAL STUDS @ 16-INCHES O.C.
09.29A	INTERIOR 5/8-INCH GYP. BD. REF: WALL TYPES
09.29E	INTERIOR 5/8-INCH GYP. BD., EXTENDS TO UNDERSIDE OF ROOF OR FLOOR ASSEMBLY, REF: WALL SCHEDULE
09.51A	ACOUSTICAL PANEL CEILING W/ EXPOSED GRID
26.51A	INTERIOR LIGHT FIXTURE, TYP. RE: ELECTRICAL

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LEE'S SUMMIT JOINT OPERATIONS FACILITY

2 NE TUDOR RD
LEE'S SUMMIT, MISSOURI 64086

PACKAGE 2: CONSTRUCTION SET

REVISION DATES:

STATE OF MISSOURI
CHRISTOPHER KRUMREI
NUMBER A-2016013211
11/1/24
ARCHITECT

PROFESSIONAL SEAL

AC501

ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

CEILING DETAILS



GENERAL NOTES - FINISH PLANS:

1. RE: SHEET G-011 - FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE.
2. RE: FINISH LEGEND, AND FLOOR FINISH PLANS FOR SPECIFIC FINISH INFORMATION AND LOCATIONS.
3. RE: FINISH DETAILS SHEET AI501 FOR ADDITIONAL FINISH AND FLOOR TRANSITION CONDITIONS.
4. RE: FINISH DETAILS SHEET AI501 FOR ADDITIONAL WALL FINISH / WALL PROTECTION DETAILS.
5. FLOOR FINISHES SHOWN ARE FOR ACCENT CLARIFICATION ONLY. RE: FINISH TAGS FOR ADDITIONAL INFORMATION.
6. FLOOR FINISH PATTERN SHALL BE CENTERED IN ROOM, UNLESS NOTED OTHERWISE.
7. ALIGN ALL WALL BASE JOINTS WITH FLOOR TILE JOINTS, UNLESS NOTED OR SHOWN OTHERWISE.
8. ALL CLOSETS AND ALCOVES WITHOUT A SPACE IDENTIFICATION NUMBER SHALL HAVE THE SAME FLOOR FINISHES AS ADJOINING SPACES.
9. FLOOR FINISH MATERIAL AND/ OR PATTERN SHALL BE INSTALLED UNDER TOE KICKS OF CASEWORK/MILLWORK, UNDER OPEN COUNTERTOPS, AND UNDER EQUIPMENT.
10. FLOOR MATERIAL/ COLOR TRANSITIONS TO BE CENTERED UNDER DOOR, UNLESS NOTED OR SHOWN OTHERWISE.
11. RE: AI501 FOR ALL FLOORING TRANSITION DETAILS & FINISH WALL PROTECTION DETAILS.
12. CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING FOR WALL PROTECTION ATTACHMENT. THIS INCLUDES, BUT IS NOT LIMITED TO: HANDRAILS. RE: MANUFACTURE'S GUIDELINES FOR CLARIFICATIONS.
13. CONTRACTOR SHALL PROVIDE MANUFACTURER'S STANDARD ACCESSORY MOLDING OR TRIM FOR WALL PROTECTION ITEMS. UNLESS NOTED OTHERWISE.
14. IF WALL IS LESS THAN 18" WIDE DO NOT PROVIDE HANDRAIL. HANDRAILS SHOULD STOP APPROXIMATELY 3" FROM THE OPEN SWING OF A DOOR. HANDRAILS SHOULD STOP APPROXIMATELY 3" FROM A CORNER GUARD. RE: SHEET AI501
15. CONTRACTOR SHALL PROVIDE BLOCKING FOR ALL WALL MOUNTED EQUIPMENT. RE G-021 FOR CLARIFICATION.
16. CONTRACTOR SHALL PROVIDE BLOCKING FOR SIGNS AS CALLED OUT ON ELEVATIONS.

ROOM FINISH TAG KEY LEGEND

ROOM
000
FLOOR FINISH
WALL BASE
WALL FINISH
CEILING FINISH

WALL FINISH LEGEND

PC	CORNER GUARD (PC)
	ACCENT PAINT (WP)
	WALL TILE (WT)
	FABRIC WRAPPED PANELS (SF)
	SPECIALTY WALLS (S-)

NOT ALL WALL FINISHES ARE SHOWN GRAPHICALLY. REFER TO SHEETS A-601, A-602, A-603 AND SERIES A-45100 FOR SPECIFIC LOCATIONS AND MATERIALS

FLOOR FINISH LEGEND

	FA1/FC
	FA1/FVT2
	FC
	FA2
	FE
	FER
	FR
	FT
	FVT1
	FVT2
	FZ

RE: FINISH SCHEDULE

NORTH

A1 LOWER LEVEL FINISH PLAN
1/8" = 1'-0"

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PACKAGE 2: CONSTRUCTION SET

REVISION DATES:

3	ADDENDUM 3	11/18/2024

STATE OF MISSOURI
CHRISTOPHER KRUMREI
NUMBER A-2016012311
ARCHITECT

PROFESSIONAL SEAL

AI101

ISSUE DATE: NOVEMBER 1, 2024
HOEFER WELKER #: 138191

LOWER LEVEL - FINISH PLAN