

TACO BELL

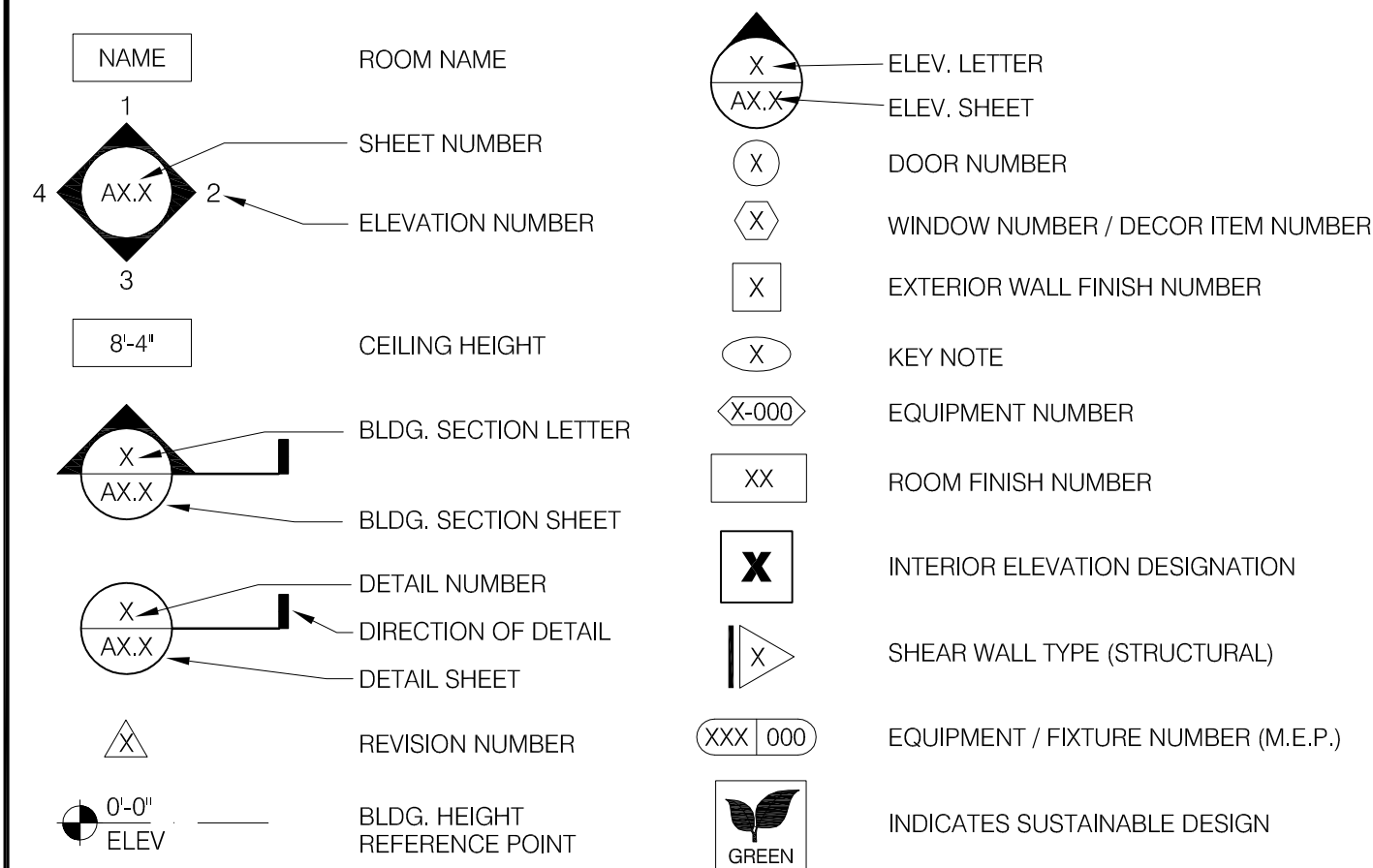
DRIVE THRU RESTAURANT

LIVE MAS MEDIUM40



- A. ALL WORK SHALL CONFORM TO THE 2012 EDITION OF THE INTERNATIONAL BUILDING CODE, AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF THE CITY OF TAKOMA PARK & MONTGOMERY COUNTY, MARYLAND.
- B. IT IS INTENDED THAT A COMPLETE OCCUPIABLE BUILDING PROJECT IS PROVIDED.
- C. THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION (A.I.A. A201 LATEST EDITION) ARE A PART OF THESE CONTRACT DOCUMENTS. A COPY IS ON FILE AT THE ARCHITECT'S OFFICE.
- D. DRAWINGS ARE BASED ON A SURVEY, DATED 12/10/14 PREPARED BY BOHLER ENGINEERS AND IS INCLUDED IN THE CIVIL DOCUMENTS. (BY OTHERS)
- E. THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS OF A GEOTECHNICAL INVESTIGATION DATED MAY 1, 2014, ADDENDUM #1 BY ECS MID-ATLANTIC, LLC. THE REPORT IS PART OF THESE CONTRACT DOCUMENTS, AND THE CONTRACTOR IS RESPONSIBLE FOR CARRYING OUT ITS RECOMMENDATIONS, THOUGH SOME MAY NOT BE SPECIFICALLY DETAILED ON THE PLANS.
- F. DO NOT SCALE THESE DRAWINGS. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. ANY DISCREPANCIES IN THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO STARTING WORK.
- G. ALL PROPOSED SUBSTITUTIONS SHALL BE APPROVED BY THE CONSTRUCTION MANAGER, IN WRITING, PRIOR TO INSTALLATION.
- H. RETAIN THE PROJECT GEOTECHNICAL ENGINEER TO PROVIDE OBSERVATION AND TESTING SERVICES DURING THE GRADING (INCLUDING UTILITY TRENCHES) AND FOUNDATION PHASE OF CONSTRUCTION AS RECOMMENDED IN THE GEOTECHNICAL REPORT. ALL TESTING AND INSPECTION REPORTS, INCLUDING FINAL SUMMATION LETTER, SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND OWNER. G.C. SHALL CERTIFY PAD ELEVATION PRIOR TO START OF FOUNDATION WORK.
- I. SUBMIT PAY FEES AND OBTAIN ALL PERMITS ASSOCIATED WITH THE PROJECT EXCEPT GENERAL BUILDING PERMIT. THIS INCLUDES, BUT IS NOT LIMITED TO ELECTRICAL, MECHANICAL, PLUMBING, FIRE SPRINKLER, HOOD ANSUL, OR OTHER RELATED FIRE PERMITS, ENCROACHMENT PERMIT, ETC. YUM BRANDS WILL PAY FOR "CONNECTION FEES" ASSOCIATED WITH UTILITY PERMITS. PAY FOR TEMPORARY FACILITIES FEES AS REQUIRED TO COMPLETE THE WORK IN A TIMELY MANNER.
- J. PROVIDE EACH SUBCONTRACTOR WITH A COMPLETE AGENCY-PERMITTED DRAWING SET AT TIME OF CONSTRUCTION.
- K. ALL ABBREVIATIONS INCLUDED FOLLOW INDUSTRY STANDARDS. CONTACT ARCHITECT IF ANY ABBREVIATIONS ARE NOT CLEAR.
- L. GC SHALL SUPPLY AND INSTALL ALL ASPECTS OF THE PROJECT DESCRIBED IN THIS DRAWING SET UNLESS OTHERWISE NOTED. SEE SCOPE OF WORK FOR EXCEPTIONS.
- M. GRAPHIC AND WRITTEN INFORMATION ON DRAWINGS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.
- N. ALL MATERIALS STAGED TO BE USED FOR CONSTRUCTION SHALL BE PROTECTED FROM EXCESSIVE MOISTURE. IF THEY ARE EXPOSED TO MOISTURE THEY SHOULD BE ADEQUATELY DRIED BEFORE ENCAPSULATED INTO THE BUILDING.
- O. ALL PAINTS, ADHESIVES, COATINGS AND SEALANTS USED INSIDE THE BUILDING SHALL HAVE A LOW VOC CONTENT.
- P. GENERAL CONTRACTOR SHALL PROVIDE KNOX BOX AS PER LOCAL JURISDICTION REQUIREMENTS. INSTALL IN LOCATION SPECIFIED BY LOCAL FIRE MARSHALL OF FIRE DEPARTMENT.
- Q. GENERAL CONTRACTOR SHALL COORDINATE WITH SPECIAL INSPECTOR. REFER TO STRUCTURAL DRAWINGS FOR INSPECTION REQUIREMENTS.
- R. CONTRACTOR SHALL SUBMIT TO COUNTY THE METHOD OF E.I.F.S. CONSTRUCTION AND THE METHOD OF CONTAINING LOOSE PARTIALS AS A RESULT OF RASPING.

PROJECT GENERAL NOTES



REFER TO STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL SHEETS FOR SPECIFIC SYMBOLS

GENERAL DRAWING SYMBOLS

- ALL MATERIALS AND METHODS SHALL COMPLY WITH EIMA STANDARDS, ASTM E 2568, ASTM E 2570 AND ICC-ES AC219.
- EIFS SYSTEM SHALL COMPLY WITH ICC-ES REPORT ESR-1748.
- THE EIFS SYSTEM SHALL BE A CLASS PB-DRAINABLE SYSTEM.
- THE AIR/MOISTURE BARRIER SHALL BE LIQUID APPLIED PER MANUFACTURER'S STANDARDS.
- WARRANTY: 7 YEARS.
- DRAINAGE TRACKS SHALL BE USED AT THE BASE OF ALL WALLS AND FLASHINGS AS RECOMMENDED BY MANUFACTURER.
- WALL IMPACT RESISTANCE SHALL BE AS FOLLOWS:
- STANDARD IMPACT MESH (4.5 OZ/SQ. YD.) ABOVE 6'-0".
 - ULTRA-HIGH-IMPACT MESH (15 OZ/SQ. YD.) BELOW 6'-0".
- EIFS SYSTEM SHALL BE EQUAL TO STO THERM CI ESSENCE/STO THERM NEXT ESSENCE WITH STO GUARD. SYSTEM COMPONENTS AS FOLLOWS:
- STARTER TRACK: RIGID PVC PLASTIC TRACK PART NO. STDE AS FURNISHED BY PLASTIC COMPONENTS, INC.
 - AIR/MOISTURE BARRIER: STO GUARD.
 - JOINT TREATMENT, ROUGH OPENING PROTECTION AND DETAIL COMPONENTS:
 - STO GOLD FILL
 - STO GOLD COAT
 - STO GUARD RAPID FILL
 - STO GUARD RAPID SEAL
 - WATERPROOF COATING: STO GOLD COAT.
 - TRANSITION MEMBRANE: STO GUARD TRANSITION MEMBRANE.
 - ADHESIVE: STO-PRIMER/ADHESIVE-B.
 - CONTINUOUS INSULATION: STO EPS INSULATION BOARD.
 - BASE COAT: STO PRIMER/ADHESIVE-B.

BUILDING ELEMENT	RATING IN HOURS
PRIMARY STRUCTURAL FRAME	0
BEARING WALLS	
EXTERIOR	0
INTERIOR	0
NONBEARING WALLS AND PARTITIONS	
INTERIOR	0
EXTERIOR	0
FLOOR CONSTRUCTION	0
ROOF CONSTRUCTION	0

INTERIOR FINISHES

	WALLS/ CEILING	FLOOR
EXIT ACCESS CORRIDOR	NA	NA
ALL OTHER ROOMS	CLASS A	NA
SMOKE DEVELOPMENT:	NOT TO EXCEED 450	NOT TO EXCEED 450

DESIGN CRITERIA

FROST DEPTH: 24 INCHES MINIMUM
REFER TO STRUCTURAL DRAWINGS.

LEGAL DESCRIPTION

OWNER	ARCHITECT
JBG/TAKOMA RETAIL CENTER, LLC 4445 WILLARD AVE., SUITE 400 CHEVY CHASE, MD 20815 CONTACT: CARTER DAVIS 301-657-0700	MARK D. McCLUGGAGE AIA, CCS 1525 EAST DOUGLAS AVENUE WICHITA, KS, 67211 CONTACT: BRAD DOEDEN 316-265-9367
	STRUCTURAL ENGINEER
	BRITT PETERS & ASSOCIATES, INC. 101 WEST CAMPERDOWN WAY, SUITE 601 GREENVILLE, SC, 29601 CONTACT: ANDREW RUFFIN 864-233-5140
	MECH. / ELEC. ENGINEER
	DEVITA & ASSOCIATES, INC. 1150 EAST WASHINGTON STREET GREENVILLE, SC, 29602 CONTACT: RYAN GRAY 864-232-6642

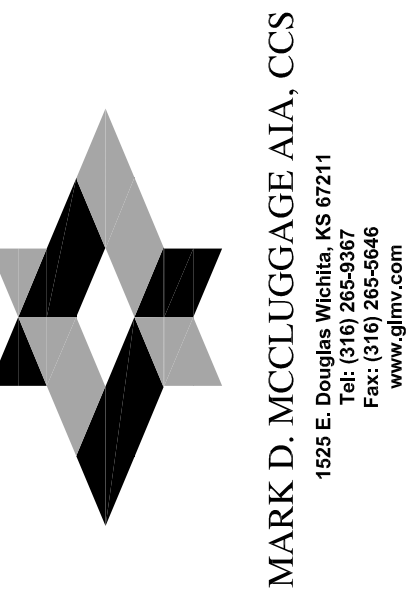
PROJECT DIRECTORY

- F. REINFORCING MESH:
- STANDARD MESH: STO MESH, 4.5 OZ/SQ. YD.
 - HIGH-IMPACT MESH: STO INTERMEDIATE MESH, 11.2 OZ/SQ. YD.
 - ULTRA-HIGH-IMPACT MESH: STO ARMOR MAT, 15.0 OZ/SQ. YD.
 - SPECIALTY MESHES: STO DETAIL MESH, 4.2 OZ/SQ. YD.
- A. PRIMER: STO PRIMER SAND OR STO PRIMER SMOOTH AS RECOMMENDED BY EIFS MANUFACTURER.
B. FINISH COAT: STO ESSENCE DPR FINISH, ACRYLIC-BASED TEXTURED WALL FINISH.
C. TEXTURE AND COLOR: AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE OF TEXTURES AND MULTIPLE COLORS. SUBMIT FINISH TEXTURE AND COLOR SAMPLES TO OWNER FOR SELECTION. DO NOT BEGIN INSTALLATION UNTIL TEXTURE AND COLORS HAVE BEEN APPROVED BY OWNER.
- INSTALL AIR/MOISTURE BARRIER AND EIFS SYSTEM IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND DETAILS.
- INSTALLER MUST BE CERTIFIED IN WRITING BY SYSTEM MANUFACTURER AS QUALIFIED TO INSTALL SYSTEM.
- ALL ATTACHMENTS MADE THROUGH EIFS SHALL BE BRUSHED TO PREVENT DAMAGE TO THE FINISH PER ARCHITECTURAL DRAWINGS.
- ALL PENETRATIONS THROUGH EIFS SHALL BE SEALED AS RECOMMENDED BY MANUFACTURER.
- ALL HORIZONTAL REVEALS MUST HAVE A MINIMUM SLOPE OF 1:2. PAGE 2 OF 2
- MAINTAIN MINIMUM INSULATION THICKNESS OF 3/4" AT REVEALS.
- EIFS SHALL TERMINATE MINIMUM OF 6" ABOVE GRADE.
- PROVIDE INDEPENDENT THIRD PARTY INSPECTIONS AND SPECIAL INSPECTIONS OF EIFS SYSTEM AND WATER-RESISTIVE BARRIER PER IBC SECTION 1705.15 AND AS DIRECTED BY LOCAL AUTHORITY HAVING JURISDICTION.

E.I.F.S. NOTES

TITLE/SITE	CIVIL / LANDSCAPE	STRUCTURAL	ARCHITECTURAL	ACCESSIBILITY	MECHANICAL	PLUMBING	ELECTRICAL	SCOPE OF WORK	SPECIFICATIONS
T1.0 TITLE SHEET LS1.0 LIFE SAFETY PLAN	(MASTER SITE PLAN UNDER SEPARATE CONTRACT AND SUBMISSION) SD# 21681-2012	S1.0 FOUNDATION PLAN S2.0 WALL FRAMING PLAN S3.0 ROOF FRAMING PLAN S4.0 STRUCTURAL DETAILS (FOUNDATION) S4.1 STRUCTURAL DETAILS (FRAMING) S4.2 STRUCTURAL DETAILS S4.3 STRUCTURAL DETAILS S5.0 MISC. DETAILS AND SPECIAL INSPECTION	A1.0 FLOOR PLAN A1.1 DOOR & WINDOW ELEVATIONS & SCHEDULES A2.0 EQUIPMENT AND SEATING PLAN A2.1 EQUIPMENT SCHEDULE A3.0 ROOF PLAN A4.0 EXTERIOR ELEVATIONS A4.1 EXTERIOR ELEVATIONS A5.0 WALL SECTIONS A5.1 WALL SECTIONS A5.2 WALL SECTIONS A6.0 CONSTRUCTION DETAILS - ROOF A6.1 CONSTRUCTION DETAILS - DOOR / WINDOW A6.2 CONSTRUCTION DETAILS - WALL A6.3 FINISH DETAILS A6.4 CONSTRUCTION DETAILS - INTERIOR A7.0 FLOOR FINISH PLAN A7.1 REFLECTED CEILING PLAN A7.2 FINISH SCHEDULE A8.0 INTERIOR ELEVATIONS - DINING ROOM A8.1 INTERIOR ELEVATIONS, ENLARGED RESTROOM & OFFICE PLAN A8.2 INTERIOR ELEVATIONS - KITCHEN A8.3 INTERIOR ELEVATIONS - KITCHEN	ADA1.0 ACCESSIBILITY REQUIREMENTS ADA1.1 ACCESSIBILITY REQUIREMENTS	M1.0 MECHANICAL SCHEDULES AND NOTES M2.0 MECHANICAL DIFFUSER AND DUCT PLAN M3.0 HOOD DRAWINGS - PLANS AND SECTIONS M4.0 MECHANICAL & HOOD DETAILS	P1.0 PLUMBING SCHEDULES AND NOTES P2.0 PLUMBING WASTE FLOOR PLAN P3.0 PLUMBING WATER AND GAS FLOOR PLAN P4.0 PLUMBING ROUGH-IN FLOOR PLAN P5.0 RISER DIAGRAMS P6.0 PLUMBING DETAILS	E1.0 ELECTRICAL SITE PLAN E2.0 RISER DIAGRAM AND LEGEND E2.1 PANEL SCHEDULES AND LOAD SUMMARY E3.0 POWER FLOOR PLAN E3.1 ENLARGED POWER PLAN AND DETAILS E3.2 POWER ROOF PLAN E4.0 LIGHTING PLAN & SCHEDULE E5.0 COMMUNICATIONS PLAN E6.0 ELECTRICAL DETAILS E7.0 ELECTRICAL DETAILS	IN BOOK FORMAT	IN BOOK FORMAT

SHEET INDEX



PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 10930, EXPIRATION DATE: 08/19/2016.



15025.000

- ADDRESS CHANGE
- COUNTY COMMENTS 4/7/16
- HEALTH DEPT COMMENTS 6/24/16
- WSSC COMMENTS 9/23/16

DATE: JULY 15, 2015
BUILDING TYPE: MED-40-MOD
PLAN VERSION: JUNE 2015
SITE NUMBER: -----
ENTITY NUMBER: -----

1300 HOLTON LANE
TAKOMA PARK, MD 20912

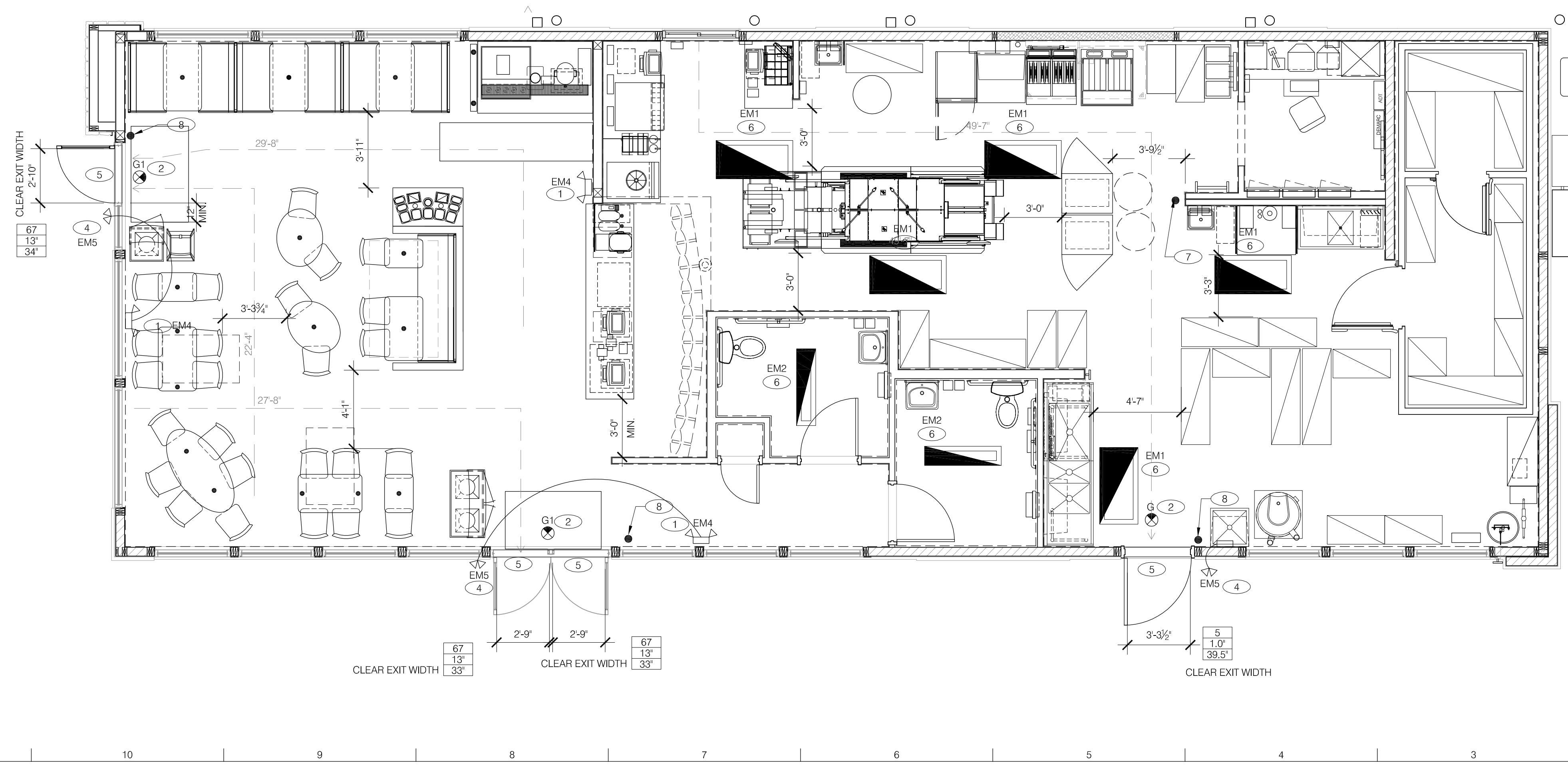


LIVE MAS
MEDIUM40 - MODIFIED

TITLE SHEET

T1.0

PLOT DATE: 9-23-16



--- DENOTES ADA ACCESSIBLE SPACE

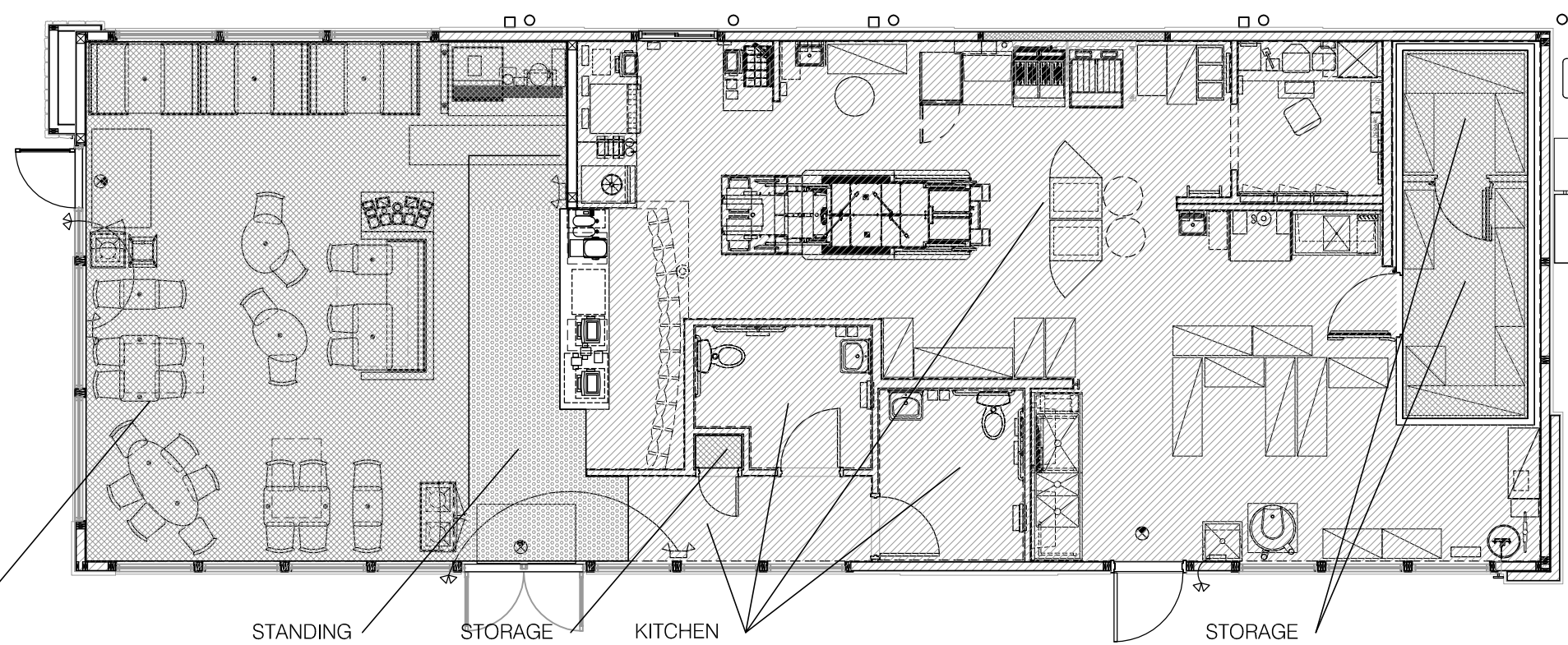
MARK D. MCCLUGGAGE AIA, CCS
 1525 E. Douglas Wichita, KS 67211
 Tel: (316) 266-9387
 Fax: (316) 266-9388
 www.gdm.com

PROFESSIONAL CERTIFICATION:
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15025.000

FLOOR PLAN 1/4"=1'-0" **A**



GROSS FLOOR AREA: 2,063 S.F.

	AREA	ALLOWANCE	LOAD	EGRESS WIDTH PER OCCUPANT	EGRESS WIDTH REQUIRED	ACTUAL WIDTH SHOWN
ASSEMBLY UNCONCENTRATED	554 S.F.	1004.7 - FIXED SEATING	40 OCCUPANTS	.2'	32	34'
ASSEMBLY STANDING	102 S.F.	5 S.F./OCCUPANT	20 OCCUPANTS	.2'	32	34'
STORAGE	122 S.F.	500 S.F./OCCUPANT	1 OCCUPANTS	.2'	32	34'
KITCHEN COMMERCIAL CORRIDORS & RESTROOMS	1184 S.F.	200 S.F./OCCUPANT	6 OCCUPANTS	.2'	32	39.5'
TOTAL OCCUPANT LOAD			67 OCCUPANTS			

OCCUPANT LOAD **E**

- 1 EMERGENCY LIGHT FROG EYE
- 2 EXIT SIGN, LED UNIVERSAL MOUNT LED, CEILING MOUNT
- 3 EXIT SIGN, LED UNIVERSAL MOUNT LED, WALL MOUNT
- 4 REMOTE BATTERY PACK, WEATHERPROOF EXTERIOR EMERGENCY LIGHTS
- 5 DOORS WITH PANIC HARDWARE INSTALLED.
- 6 EMERGENCY BALLAST FLUORESCENT.
- 7 TYPE 'K' FIRE EXTINGUISHER.
- 8 TYPE 'ABC' FIRE EXTINGUISHER.

PLAN NOTES **B**

- 1. EXITS REQUIRED: 2 (2012 IBC 1015.1)
EXITS PROVIDED: 3
- 2. AISLE WIDTH REQUIRED: 36" MINIMUM CLEARANCE
MINIMUM AISLE WIDTH PROVIDED: 36"
- 3. COMMON PATH LIMIT: 75 L.F. (IBC 1014.3 & 1028.8)
COMMON PATH ACTUAL LENGTH: 49-7"
- 4. TRAVEL DISTANCE LIMIT: 200 FT. (IBC TABLE 1016.1)
ACTUAL MAXIMUM TRAVEL DISTANCE: 49-7"

NOT USED N.T.S. **D**

GENERAL NOTES **C**

△	ADDRESS CHANGE
△	4.07.16 REVIEW COMMENTS
△	
△	
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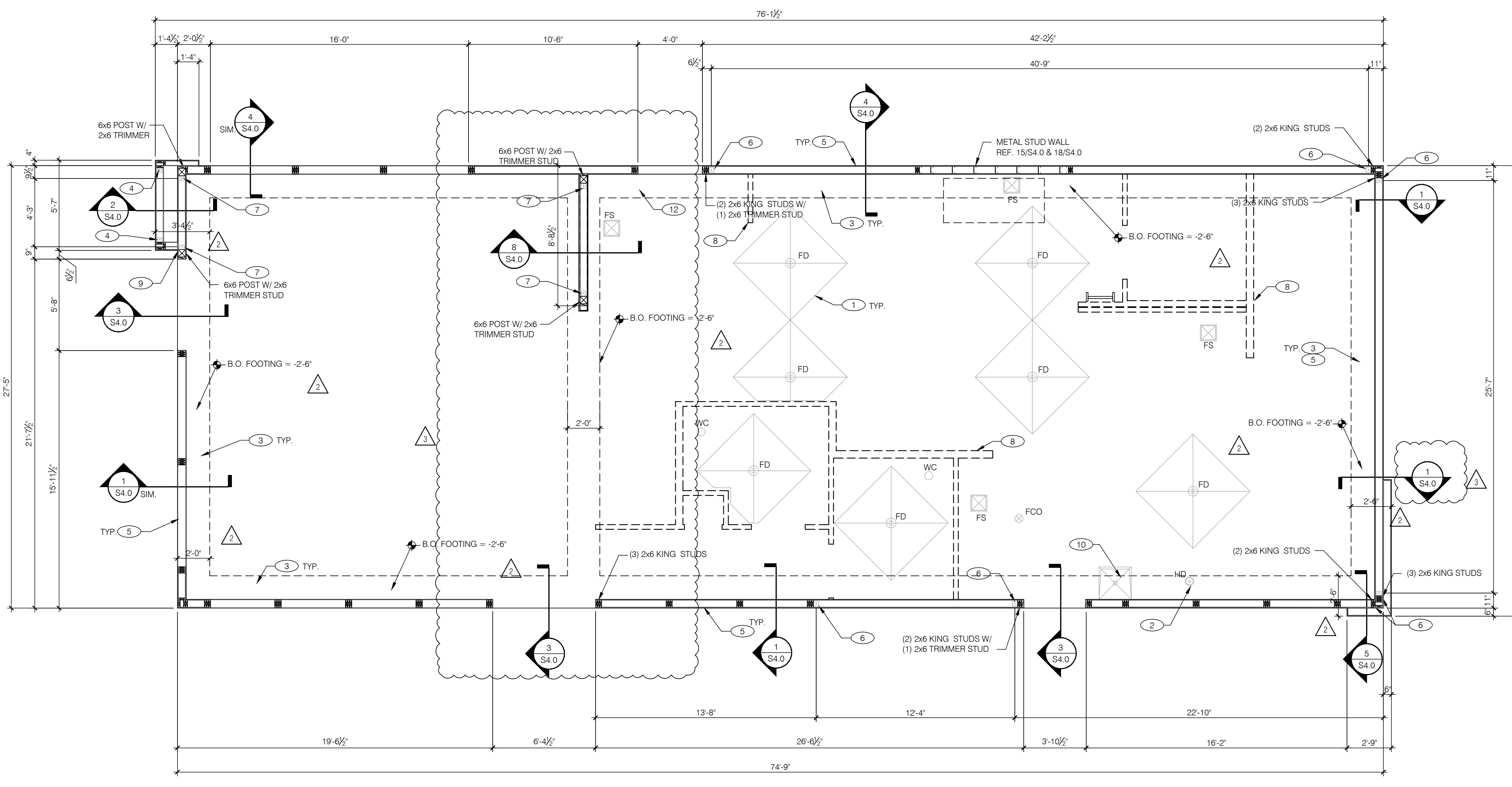
DATE: JULY 15, 2015
 BUILDING TYPE: MED-40-MOD
 PLAN VERSION: JUNE 2015
 SITE NUMBER: _____
 ENTITY NUMBER: _____

1300 HOLTON LANE
 TAKOMA PARK, MD 20912

LIVE MAS
 MEDIUM40 - MODIFIED
LIFE SAFETY PLAN

LS1.0

PLOT DATE: 4-12-16



**DIMENSIONS THIS SHEET
TO EDGE OF CONCRETE**

FOUNDATION PLAN 1/4"=1'-0" A

DESIGN CRITERIA:
2015 INTERNATIONAL BUILDING CODE
W/LOCAL AMENDMENTS

ROOF SNOW LOADS:
GROUND SNOW LOAD (Pg): 30 PSF
EXPOSURE FACTOR (Ce): 1.0
IMPORTANCE FACTOR (I): 1.0
FLAT-ROOF SNOW LOAD (Pf): 21 PSF + DRIFT
THERMAL FACTOR (Ct): 1.0

WIND LOADS:
LIVE LOAD: 30 PSF
DEAD LOAD: 20 PSF

FLOOR LOADS:
RETAIL: 100 PSF

WIND LOADS:
3 SECOND GUST: (Vult/Vasd) 115/90 MPH
RISK CATEGORY: II
EXPOSURE CATEGORY (MWFRS): B
INTERNAL PRESSURE COEFF.: ±0.18

SEISMIC LOADS:
RISK CATEGORY: II
SEISMIC IMPORTANCE FACTOR: 1.0
SITE CLASS: D
MAPPED SPECTRAL RESPONSE ACCEL: S: 0.125
S1: 0.055
S2: 0.133
SHORT PERIODS (SDS): 0.088
1 SEC. PERIODS (SD1):
SEISMIC DESIGN CATEGORY: B
FRAMING SYSTEMS:
BASIC STRUCTURAL SYSTEM: LOAD BEARING WALL SYSTEM
SEISMIC-RESISTING SYSTEM: WOOD SHEAR WALLS
RESPONSE MOD. FACTOR (R): 6.5
DEFL. MOD. FACTOR (Cd): 4.0
SEISMIC RESP. COEFF. (Cs): 0.021
DESIGN BASE SHEAR (V): 4 KIPS
ANALYSIS BY EQUIVALENT LATERAL FORCE PROCEDURE

Ultimate Design Wind Pressure (psf)						
Walls:	Area	Effective Wind Area (sqft)				
		10	20	50	100	500
Interior	Area 1	16.0	16.0	16.0	16.0	16.0
Edge	Area 4	-19.4	-18.6	-17.5	-16.7	-16.0
Area 5		17.9	17.1	16.0	16.0	16.0
Area 3		-23.8	-22.2	-20.1	-18.6	-17.0
Roof:		10	20	50	100	500
Interior	Area 1	16.0	16.0	16.0	16.0	16.0
Edge	Area 2	-19.5	-19.0	-18.4	-17.9	-17.9
Area 2		17.9	17.1	16.0	16.0	16.0
Area 3		-21.7	-20.3	-18.7	-17.2	-15.7
Corner	Area 3	17.9	17.1	16.0	16.0	16.0
		-32.7	-29.3	-24.7	-21.2	-21.2
Overhang:		10	20	50	100	500
Interior	Area 1	16.0	16.0	16.0	16.0	16.0
Edge	Area 2	-28.1	-27.6	-27.0	-26.5	-26.0
Area 2		16.0	16.0	16.0	16.0	16.0
Area 3		-28.1	-27.6	-27.0	-26.5	-26.0
Corner	Area 3	16.0	16.0	16.0	16.0	16.0
		-46.3	-36.4	-23.2	-16.0	-16.0
Ultimate Parapet Design Pressure (psf)						
Parapet:	Area	Effective Wind Area (sqft)				
		10	20	50	100	500
Edge	Area 1	57.8	52.3	44.9	39.4	37.0
		-40.5	-38.4	-35.7	-33.7	-28.9
Corner	Area 3	57.8	52.3	44.9	39.4	37.0
		-46.2	-43.2	-39.1	-36.0	-33.0

CORNER & EDGE ZONES ARE 3.0 FEET WIDE

FOUNDATION:

A. FOUNDATION DESIGN IS BASED GEOTECHNICAL REPORT ENTITLED 'REPORT OF SOILS, TACO BELLEFONTAINE PARK, TAKOMA PARK, MONTGOMERY COUNTY, MARYLAND' PREPARED BY ECG MID-ANTIC, INC DATED OCTOBER 2, 2014 (ECS PROJECT NO. 02-7394).

B. CONTRACTOR TO PROVIDE FOUNDATION FOOTING AS REQUIRED FOR PERMANENT MONUMENTAL SIGN. SEE ELECTRICAL DRAWINGS FOR DETAIL.

C. COORDINATE STRUCTURAL AND DETAILS WITH REQUIREMENTS OF GEOTECHNICAL REPORT.

D. CONTRACTOR SHALL TREAT SOILS AS ABSENT FOR TERMITES.

E. REFER TO THE GEOTECHNICAL REPORT FOR GENERAL REQUIREMENTS OF EARTH OR OTHER PREPARATION, SITE GRADING PREPARATION, FILL AND COMPACTION, WATERPROOFING AND OTHER PERTINENT REQUIREMENTS AND INFORMATION.

F. PROTECT PIPES AND CONDITIONS RUNNING THROUGH AND ABOVE THE 12 INCH EXPANSION MATERIAL. OTHER CONTIGUOUS FOOTINGS AND GRADE BEAMS PERPENDICULAR TO PIPES SHALL BE ABOVE PIPES TO PASS ABOVE THE FOOTINGS OR THROUGH THE GRADE BEAMS. ALTERNATELY, PROVIDE A CONCRETE JACKET FOR PIPES ARE TO BE EMBEDDED THROUGH THE FOOTINGS AND GRADE BEAMS. OTHER FOOTINGS AND GRADE BEAMS PARALLEL TO PIPES SHALL BE ABOVE OR TO ADJACENT TRENCH EXCAVATIONS.

G. MAINTAIN SUBGRADE AND FILL MOISTURE CONTENT WITHIN FOUNDATIONS ARE PLACED. ARRANGE FOR OWNER'S INDEPENDENT TESTING AGENCY TO MONITOR CURT AND FILL OPERATIONS AND PERFORM FIELD DENSITY AND MOISTURE CONTENT TESTS TO VERIFY COMPACTION AND APPROVE FOOTING SUBGRADE PRIOR TO PLACING CONCRETE. DO NOT PLACE FOOTINGS OR SLABS AGAINST SUBGRADE CONTAINING FREE WATER, FROST, OR ICE.

H. MAINTAIN PROPER SITE DRAINAGE DURING CONSTRUCTION TO ENSURE SURFACE WATER FROM STRUCTURES AND TO PREVENT PONDING OF SURFACE WATER NEAR THE STRUCTURES.

I. CONTRACTOR SHALL OBTAIN THE SOILS REPORT AND FOUNDATION RECOMMENDATIONS FOR SUBGRADE PREPARATION.

J. FOUNDATION DESIGN IS BASED ON ASSUMED AVERAGE BEARING PRESSURE OF 2,500 PSF

CONCRETE:

A. CONCRETE SHALL BE HARD ROCK CONC. (5 BAGS CEMENT PER CU YD. MIN) AND MEET THE FOLLOWING MIN. ULTIMATE COMPRESSIVE STRENGTHS AT 28 DAYS:

LOCATION	MIN. STRENGTH	AGGREGATE SLUMP	30 DAYS PSI
SLAB ON GRADE	(3000 DESIGN)	1" x #4	3-1/2" ±1/2"
FOUNDATIONS	(3000 DESIGN)	1" x #4	3-1/2" ±1/2"

B. CONCRETE MIX DESIGN AND TESTING SHALL MEET WITH THESE SPECS. CEMENT SHALL BE IN ACCORDANCE WITH ASTM C 150 TYPE II. VERIFY MIN. CONC. STRENGTH AND CEMENT TYPE. REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60. STEEL SHALL BE KEPT CLEAN AND FREE OF RUST.

C. CONCRETE CURING SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF ACI 318-14 SECTION 5.11 AND STANDARD PRACTICE FOR CURING CONCRETE REPORTED BY COMMITTEE 308.

SLAB:

A. DESIGN IS BASED UPON 4" THICK CONCRETE SLAB REINFORCED W/ WWR #6@16" x 4" x 4" #4 BARS @ 18" O.C. EA. WAY OVER 10 MIL VISCOSURE MEMBRANE OVER #4 AGGREGATE BASE. OVER ENGINEERED SUBGRADE. MODIFY AS REQUIRED TO COMPLY WITH REQUIREMENTS OF SOILS REPORT. LAP MEMBRANE EDGES 6" MINIMUM AND TAPE.

MISCELLANEOUS:

A. DIMENSIONS NOTED ARE TO FACE OF CONCRETE. REFER TO DWG. A1 FOR DIMENSIONS TO FACE OF STUD AND OTHER DIMENSIONS NOT OTHERWISE NOTED.

B. DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS AND FIT SHALL BE DETERMINED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.

C. DETAILS NOT FULLY OR SPECIFICALLY SHOWN SHALL BE OF SAME NATURE AS OTHER SIMILAR CONDITIONS.

D. SEE PLUMB. DWGS. FOR PLUMB. LAYOUT DIMENSIONS, U.O.N.

E. SEE ELEC. DWGS. FOR ELEC. LAYOUT DIMENSIONS, U.O.N.

F. COORD. FOUNDATION AND SLAB LAYOUT WITH OTHER TRADES PRIOR TO POURING SLAB.

- 1 SLAB SHALL BE PITCHED 1/2" FOR 5'-0" x 5'-0" SQUARE AT ALL FLOOR DRAINS U.O.N. REFER TO PLUMBING DRAWINGS FOR LOCATIONS.
- 2 PROVIDE HUB DRAIN (HD) UNLESS REQUIRED BY LOCAL CODE TO HAVE FLOOR SINK (FS).
- 3 INDICATES INSIDE SURFACE OF FOOTING. SEE SHEET S4.0.
- 4 HTTS HOLDOWN ANCHOR. SEE 6/S4.0 FOR HOLDOWN EMBEDMENT DETAIL.
- 5 ANCHOR BOLTS LOCATED THROUGHOUT PERIMETER OF BUILDING SHALL BE PROVIDED AS REQUIRED PER THE 'PLATE/ANCHOR BOLT' COLUMN OF THE 'WALL SHEATHING AND SHEARWALL SCHEDULE.' SEE D/S2.0.
- 6 HOLDOWN ANCHOR AT EACH END OF SHEARWALL. SEE 6/S4.0 FOR HOLDOWN EMBEDMENT DETAIL.
- 7 HDU14 OR HD19 HOLDOWN ANCHOR AT EACH END OF SHEARWALL. SEE 7/S4.0 FOR HOLDOWN EMBEDMENT DETAIL AND S2.0 FOR SHEARWALL SCHEDULE.
- 8 INTERIOR WALLS (TYP.) SEE SHEET S2.0
- 9 CONTINUE SHEARWALL SHEATHING PAST INTERSECTING WALL W/O INTERRUPTION.
- 10 WASTE LINE STUB-UP FOR MOP SINK.
- 11 SLOPE FREEZER SLAB TO DOORWAY. REFER TO ARCHITECTURAL DRAWINGS.
- 12 SEE 14/S4.0 FOR REINFORCING AT CORNERS AND INTERSECTIONS.

PROVIDE SHOP DRAWINGS AND CALCULATIONS BY REGISTERED ENGINEER FOR SIGNS AND AWNINGS

REFER TO S5.0 FOR SNOW DRIFT LOADING DIAGRAM

DESIGN CRITERIA F

COMPONENT & CLADDING PRESSURES E

FOUNDATION PLAN NOTES C

KEY NOTES B



PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 26691, EXPIRATION DATE: 12/11/2017.

15025.000

ADDRESS CHANGE	01/05/16
COUNTY COMMENTS	04/08/16
COUNTY COMMENTS	06/16/16

DATE: JULY 15, 2015
BUILDING TYPE: MED-40-MOD
PLAN VERSION: JUNE 2015
SITE NUMBER:
ENTITY NUMBER:

1300 HOLTON LANE
TAKOMA PARK, MD 20912



FOUNDATION PLAN

S1.0

PLOT DATE: 6-16-16

ADDRESS CHANGE	01/05/16

DATE:	JULY 15, 2015
BUILDING TYPE:	MED-40-MOD
PLAN VERSION:	JUNE 2015
SITE NUMBER:	
ENTITY NUMBER:	

1800 HOLTON LANE
TAKOMA PARK, MD 20912

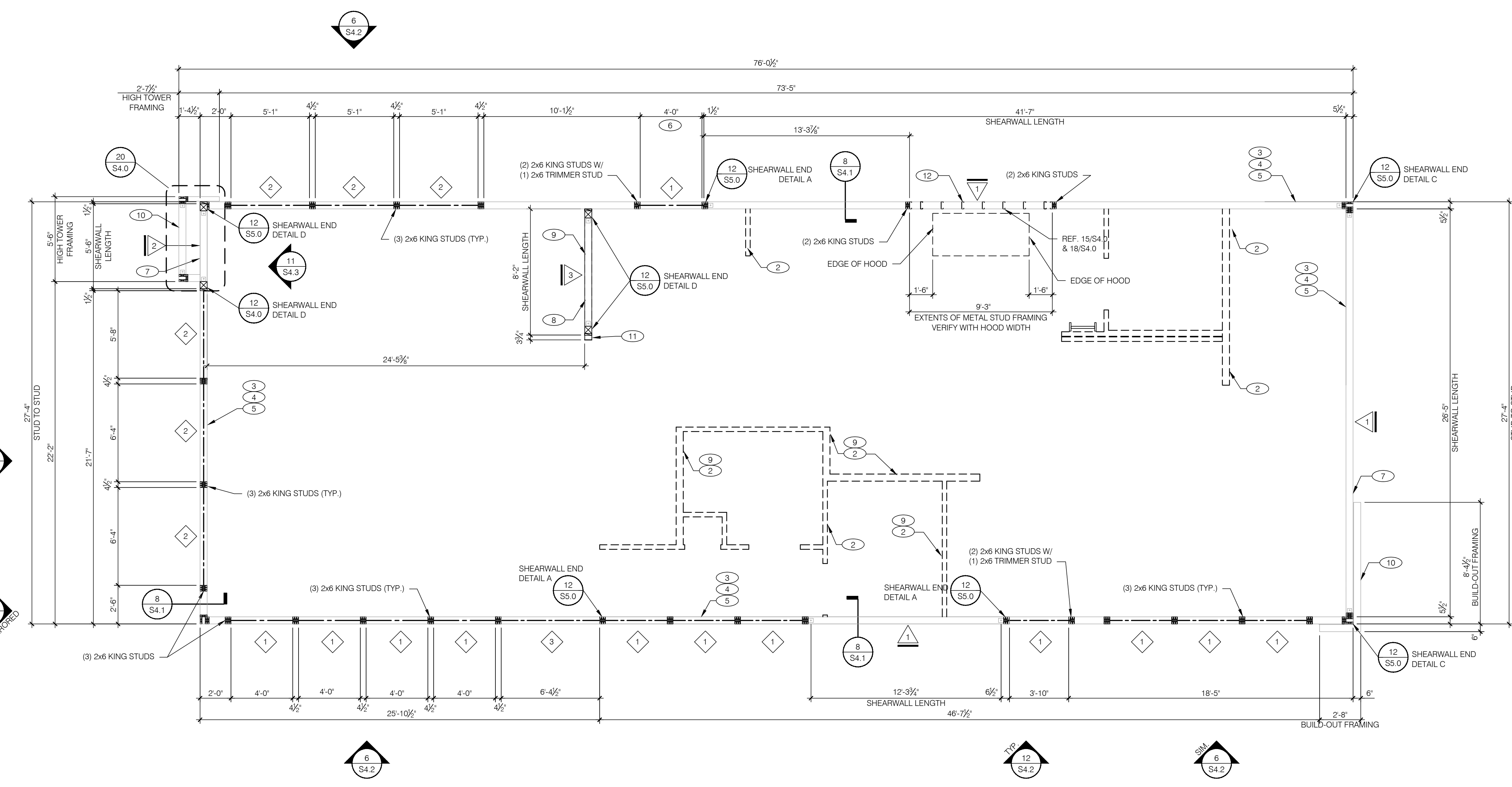


LIVE MAS
MEDIUM 40 - MODIFIED

WALL FRAMING PLAN

S2.0

PLOT DATE: 1-05-16



NOTE: DIMENSIONS HERE ARE TO FACE OF STUD, U.N.O.

WALL FRAMING PLAN 1/4"=1'-0" **A**

MARK	BUILT-UP SECTION	BUILT-UP MANUF. MEMBER
1	(3) 2x8	--
2	(3) 2x10	--
3	(3) 2x12	(3) 1 3/4" x 9 1/4" LVL

NOTES:
1. BUILT-UP HEADER SECTION SHALL HAVE 1/2" PLYWOOD SANDWICHED PIECES. REF. 20/S4.1
2. MANUFACTURED LUMBER TO BE 1.9E MICROLAM LVL BY TRUSJOIST OR APPROVED EQUAL (NER-200). REF. 19/S4.1

SW	SHEATHING	EDGE	FIELD	HOLDOWN	PLATE / ANCHOR BOLT	REMARKS
1	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 6" O.C.	10d @ 6" O.C.	HDU4	5/8" DIA. x 7" EMBED. TITEN HD @ 32" O.C. W/ WASHER	PLYWOOD ON EXTERIOR FACE OF STUDS
2	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 3" O.C.	10d @ 6" O.C.	HDU14	5/8" DIA. x 7" EMBED. TITEN HD @ 24" O.C. W/ WASHER	PLYWOOD ON EXTERIOR FACE OF STUDS (NOTE 8)
3	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 3" O.C.	10d @ 6" O.C.	HD19	5/8" DIA. x 7" EMBED. TITEN HD @ 8" O.C. W/ WASHER	PLYWOOD ON BOTH FACES OF STUDS (NOTE 8)
***	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 6" O.C.	10d @ 12" O.C.	N/A	5/8" DIA. x 7" EMBED. TITEN HD @ 48" O.C. W/ WASHER	NAILING @ HEADERS PER 19 & 20/S4.1

*** REQUIREMENTS FOR EXTERIOR NON-SHEARWALL WALLS

WALL SHEATHING AND SHEARWALL SCHEDULE **D**

WALL FRAMING:
A. STRUCTURAL WOOD FRAMING SHALL MEET OR EXCEED THE FOLLOWING:

USE	WOOD TYPE	GRADE	FB(PSI)	FCP(PSI)	EP(PSI)
2x8	SOUTHERN PINE	#2	925	1,350	1,400,000
2x10	SOUTHERN PINE	#2	800	1,300	1,400,000
2x12	SOUTHERN PINE	#2	750	1,250	1,400,000
STUDS (2x6)	SOUTHERN PINE	#2	1,000	1,400	1,400,000
6x6	SOUTHERN PINE	#1	1,350	825	1,500,000

B. ALL BEAMS AND JOISTS SHALL BE SEAT CUT FOR FULL UNIFORM BEARING AT SUPPORTS, BEAM SEATS AND COLUMN CAPS.
C. SEE SHEET A1.0 FOR DIMENSIONS.
D. EXTERIOR STUD WALLS ARE 2x6 AT 16" O.C. U.O.N.
E. ALL WOOD IN CONTACT WITH CONC., STEEL OR GRADE SHALL BE PRESSURE TREATED.
F. ALL BOLTED OR NAILED STRAP CONNECTIONS SHALL HAVE AN EQUAL NUMBER OF BOLTS OR NAILS EACH SIDE OF THE SPICE JOINT. THE FIRST BOLT OR NAIL FROM EACH SIDE OF THE SPICED OR TREATED MEMBER SHALL BE EQUAL DISTANCE FROM THE SPICE. STRAPS USING 16d NAILS ON 2x MATERIAL SHALL BE INSTALLED ON THE 1-1/2" EDGE OF THE MEMBER.
G. THE CONTRACTOR SHALL VERIFY THAT THE MOISTURE CONTENT OF ALL FRAMING LUMBER AND PLYWOOD MEET THE REQUIREMENTS OF THE SPECS. AT THE TIME OF INSTALLATION AND AT CLOSE-IN.
H. USE AT PRESSURE TREATED LUMBER AT WINDOW JAMBS, SILL AND STUDS UNDER SILL AS WELL AS ALL TOILET PLUMBING WALLS.

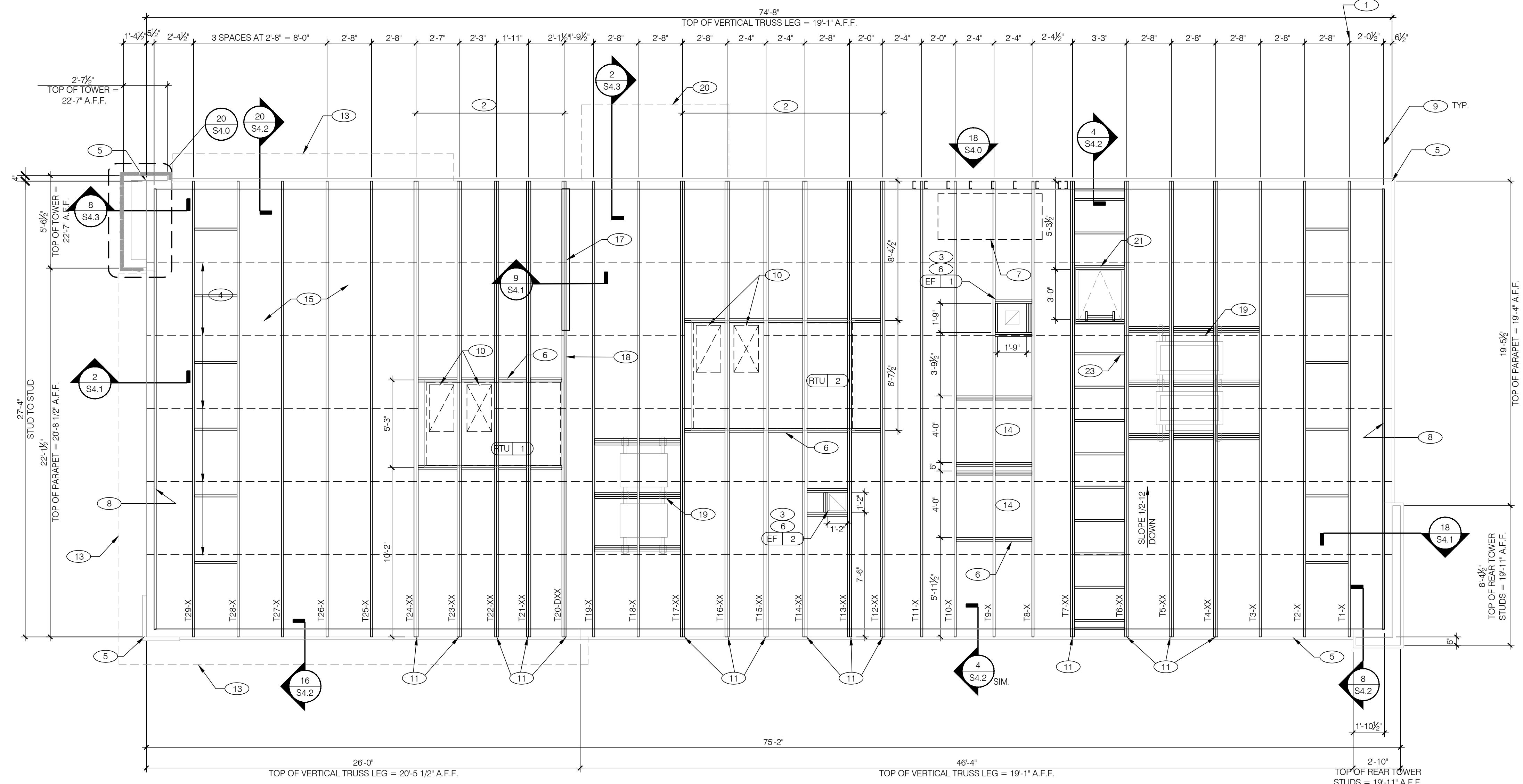
STUD LAYOUT:
A. LAYOUT STUDS ON SIDEWALLS (LONG WALLS) STARTING AT REAR OF BUILDING TOWARDS FRONT.
B. LAYOUT STUDS ON ENDWALLS (SHORT WALLS) STARTING AT EACH END AND WORKING TOWARDS CENTER.
C. LAYOUT STUDS TO ALIGN WITH ROOF TRUSSES. PROVIDE DOUBLE STUDS AT DOUBLE TRUSSES, TYPICAL. SEE ROOF FRAMING PLAN ON SHEET S3.0 FOR TRUSS LOCATIONS.

FRAMING PLAN NOTES **C**

- COORDINATE WITH ELECTRICAL POWER PLAN.
- INTERIOR NON-BEARING STUD WALL FRAMING; REFER TO SHEET A1.0 FOR DIMENSIONS AND STUD SIZES. SEE DETAIL 13 & 14/S4.1 AND WALL FRAMING NOTES.
- (2) 2x6 TOP PLATES - SPLICE PER 15/S4.1 (U.N.O.)
- TOP OF TRUSS BEARING PLATE. SEE DETAIL 2/S4.1 & 16/S4.2.
- TOP OF PARAPET. SEE ARCHITECTURAL DRAWINGS.
- ENSURE ROUGH OPENING DIMENSION TO PROVIDE TOLERANCE FOR DRIVE THRU WINDOW INSTALLATION. COORDINATE WITH WINDOW MANUFACTURER.
- EXTERIOR SHEATHING SHALL NOT BE INTERRUPTED WITH TOWER FRAMING OR INTERSECTING WALLS, TYPICAL.
- INTERIOR SHEAR WALL. FRAMING FOR 2x6 STUDS, BLOCKING, & SILL PLATE SHALL BE SOUTHERN PINE OR DOUGLAS FIR AT THIS WALL. PROVIDE 6x6 POST AT EACH END OF WALL.
- COORDINATE WITH PLUMBING ROUGH IN SHEET P4.0.
- 2x FRAMING ON THICKENED CONCRETE FOUNDATION / PIER; SEE SHEETS S1.0 AND S4.0. DIMENSIONS FOR FRAMING ARE TO FACE OF STUD.
- PROVIDE 3 1/2" CLEARANCE FROM POST TO END OF FINISHED WALL FOR ELECTRICAL CHASE.
- FASTENER FOR SHEARWALL SHALL BE #8 SCREW AT SAME EDGE AND FIELD SPACING LISTED IN THE SHEARWALL SCHEDULE WHERE STUDS ARE METAL.

KEY NOTES **B**

HEADER SCHEDULE N.T.S. **F**



TRUSS MANUFACTURER SHALL BE REQUIRED TO SHOW THAT THEY ARE REGISTERED & APPROVED TO PERFORM WORK WITHOUT SPECIAL INSPECTIONS.

SEE 4/S4.1 FOR RTU WEIGHTS

SEE 10/S5.0 FOR SNOW DRIFT

EXTREME CARE SHALL BE USED IN ERECTING ROOF TRUSSES - COMPLY WITH TPI BRACING REQUIREMENTS.

ROOF NOT DESIGNED FOR PONDING. SEE ARCHITECTURAL DRAWINGS FOR DRAIN REQUIREMENTS.

ROOF FRAMING PLAN 1/4"=1'-0" A

TYPE	NAILING / SHEATHING	REMARKS
BN	10d @ 4" O.C.	-
EN	10d @ 6" O.C.	-
FN	10d @ 12" O.C.	-
ROOF SHEATHING	19/32" CDX PLYWOOD (40/20), PS1 RATING	-

NOTE:
 BN DENOTES ROOF BOUNDARY NAILING
 EN DENOTES EDGE OF PANEL NAILING
 FN DENOTES FIELD OF PANEL NAILING

ROOF FRAMING NOTES:
 A. ALL UNSUPPORTED EDGES OF PLYWOOD SHEATHING SHALL BE BLOCKED WITH 2x4 INSTALLED FLAT. PLYWOOD MTL CLIPS ARE NOT PERMITTED. SEE DETAIL 14/S4.2. OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.
 B. ALL MECHANICAL SUPPLY AND RETURN OPENINGS SHALL BE BETWEEN FRAMING U.O.N.
MANUFACTURED ROOF TRUSS NOTES:
 A. MFRD ROOF TRUSSES ARE AT 2'-8" O.C. U.O.N.
 B. "T-#" DENOTES ROOF TRUSS TYPE. REFER TO SCHEDULE 19/S4.3.
 C. TRUSS DRAWINGS ARE PROVIDED FOR CONCEPTUAL DESIGN ONLY. MFR SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS, BOTH SIGNED BY A LICENSED STRUCTURAL ENGINEER (STATE OF PROJECT). SUBMIT SHOP DRAWINGS AND CALCULATIONS TO THE ARCHITECT AND ENGINEER FOR REVIEW AND SUBMITTAL AND, IF REQUIRED, TO THE BUILDING OFFICIAL FOR APPROVAL PRIOR TO FABRICATION. SHOP DRAWINGS SHALL INCLUDE LAYOUT PLAN AND CONNECTORS. CALCS. SHALL BE BASED ON THE SPECIFIED LOADING CONDITIONS SHOWN HEREIN. MANUFACTURER SHALL PROVIDE HANGERS AND CONNECTIONS BETWEEN TRUSSES. REVIEW AND APPROVE DIMENSIONS, SHAPES AND DETAILS SHOWN ON SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE ARCHITECT / ENGINEER FOR REVIEW AND COMMENT. A MINIMUM OF 10 BUSINESS DAYS SHALL BE ALLOWED FOR REVIEW.
 D. TRUSS MFR SHALL PROVIDE HANGERS AND CONNECTORS ADEQUATE FOR LOADS. ROOF CONNECTORS ARE BASED UPON SIMPSON 'STRONG TIE' OR APPROVED EQUAL.
 E. TRUSS CHORDS AND PARAPET VERTICALS SHALL BE 2x6 MIN. AND CONSISTENTLY SIZED THROUGHOUT PROJECT.
 F. REFER TO TRUSS ELEVATIONS FOR SHAPE, OVERHANG, SLOPES, SPAN, ETC. LOCATION OF BEARING POINTS ARE AS INDICATED ON THE DRAWINGS. SEE 16/S4.3.
 G. MFRD ROOF TRUSS DESIGN LOADS: SEE TRUSS DESIGN CRITERIA 18/S4.3 AND SNOW DRIFT DIAGRAM 10/S5.0
 H. THE POSITIONS, WEIGHTS, AND METHODS OF ATTACHMENT OF ALL MECHANICAL UNITS, ELECT FIXTURES, PLUMBING, ETC. SHALL BE INCLUDED IN THE DESIGN OF THE TRUSSES BY THE TRUSS MFR.
 I. DESIGN ROOF TRUSSES TO SUPPORT ALL IMPOSED LOADS, INCLUDING WIND & LATERAL LOADS. COORDINATE SIZE, LOCATION AND WEIGHT OF EQUIPMENT WITH MECHANICAL WORK. PROVIDE MULTIPLE TRUSSES WHERE ONE TRUSS CANNOT SUPPORT THE LOAD. PROVIDE BRIDGING BETWEEN TRUSSES AS SPECIFIED AS MINIMUM STANDARD.
 J. INSTALLATION OF ALL TRUSSES SHALL BE DONE USING A SPREADER BAR WITH A THREE POINT VERTICAL PICK. CARE SHALL BE USED IN LIFTING TO PREVENT HORIZONTAL BENDING.
 K. IMPROPER HANDLING OF THE TRUSSES AS NOTED ABOVE AND IN THE SPECS SHALL MEAN REMOVAL OF THE TRUSSES FROM THE JOBSITE AND REPLACEMENT AT CONTRACTORS EXPENSE.
 L. SEE DIV. 6 OF THE SPECS FOR DETAILS ON TRUSS MANUFACTURING AND NAILING.

ROOF FRAMING NOTES C

- 1 STARTING POINT OF TRUSS LAYOUT - CENTERLINE OF TRUSS.
- 2 VERIFY NECESSITY OF DOUBLE TRUSSES WITH TRUSS MFR. DUE TO POINT LOADING AND ADDITIONAL UNIFORM LOADING, TYPICAL.
- 3 COORDINATE BLOCKING WITH EXHAUST AND SUPPLY DUCT.
- 4 CONT 2x4 WD BRIDGING ON TOP OF BOTTOM CHORD. ADJUST AS REQUIRED FOR DUCT PLENUMS, MAX SPACING AT 5'-0" O.C. OR TIGHTER SPACING AS REQUIRED BY TRUSS DESIGN. SEE 16/S4.1 FOR BRIDGING LAP DETAIL.
- 5 SIMPSON MSTA 24 AT CORNER DBL TOP PLATE. CENTER STRAP ON CORNER.
- 6 (2) 2x6 BLOCKING W/ U26-2 HANGERS. TYP. EDGES OF ALL ROOF TOP EQUIPMENT AND ALL ROOF OPENINGS - SEE DET. 11 & 3/S4.2.
- 7 LOC. OF HOOD. SEE HOOD DRAWINGS FOR HOOD ATTACHMENT DETAIL 17/S4.3.
- 8 2X6 LEDGER REF. 5/S4.1.
- 9 DIMENSION IS FROM INSIDE FACE OF WALL FRAMING.
- 10 HVAC ROOF OPENING FOR DUCT. VERIFY SIZE WITH HVAC MFR. & MECHANICAL DWGS.
- 11 (2) 2x6 BUILT-UP COLUMN AT TRUSS BEARING, TYP. @ DOUBLE TRUSS ONLY. REFERENCE DETAIL 10/S4.2.
- 12 ROOF JOISTS - 2x8 @ 16" O.C.
- 13 OUTLINE OF ALUMINUM SLAT WALL/CANOPY BY VENDOR
- 14 PREFERRED LOCATION OF SATELLITE DISH SLED. SEE SCOPE OF WORK.
- 15 19/32" PLYWOOD ROOF DECK. SEE NAILING SCHEDULE, THIS SHEET.
- 16 NOT USED
- 17 INTERIOR SHEAR WALL BELOW. ALIGN DINING SIDE OF WALL WITH SIDE OF TRUSS. SEE DETAIL 9/S4.1
- 18 DRAG TRUSS AT INTERIOR SHEAR WALL. PROVIDE 2-PLY TRUSS. DESIGN EACH PLY OF DRAG TRUSS FOR 250 PLF (500 PLF TOTAL) SERVICE WIND LOAD ALONG TOP CHORD OF TRUSS (12,000 LBS TOTAL DRAG LOAD). ATTACH ROOF SHEATHING TO DRAG TRUSS WITH 10d NAILS @ 4" O.C. ALONG ENTIRE LENGTH OF TRUSS. ATTACH DRAG TRUSS TO TOP PLATE OF SHEAR WALL PER DETAIL 9/S4.1.
- 19 SEE 9/S4.2 FOR ALUMA STAND ATTACHMENT. PROVIDE TRIPLE 2x6 BLOCKING BETWEEN ROOF TRUSSES AT EACH STAND BASE.
- 20 ALUMINUM CANOPY BY SUPPLIER.
- 21 ROOF HATCH. SEE ARCH.
- 22 FULL DEPTH BLOCKING AT MIDSPAN. PROVIDE (2) 10d TOENAILS, EACH END.
- 23 2x6 BLOCKING @ 24" OC W/ SIMPSON LU24 EACH END.

KEY NOTES B

NAILING SCHEDULE - ROOF D

15025.000

ADDRESS CHANGE	01/15/16

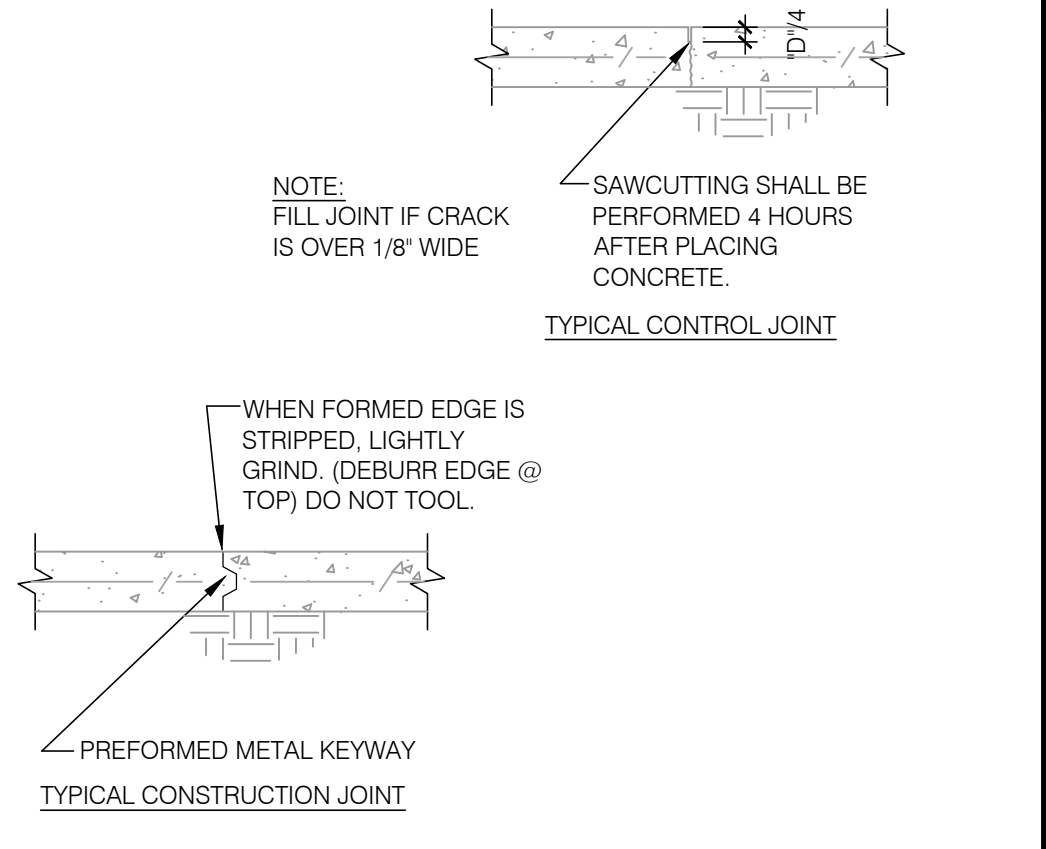
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 TAKOMA PARK, MD 20912

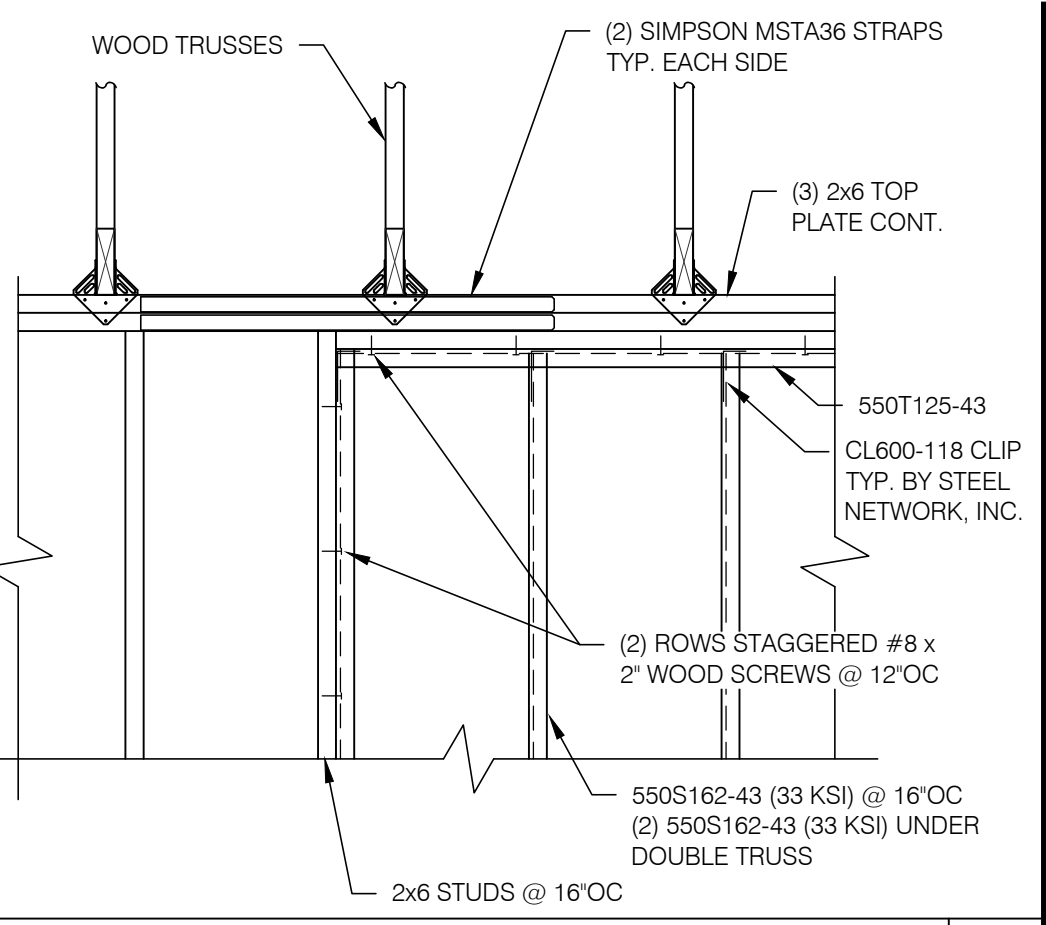


ROOF FRAMING PLAN S3.0

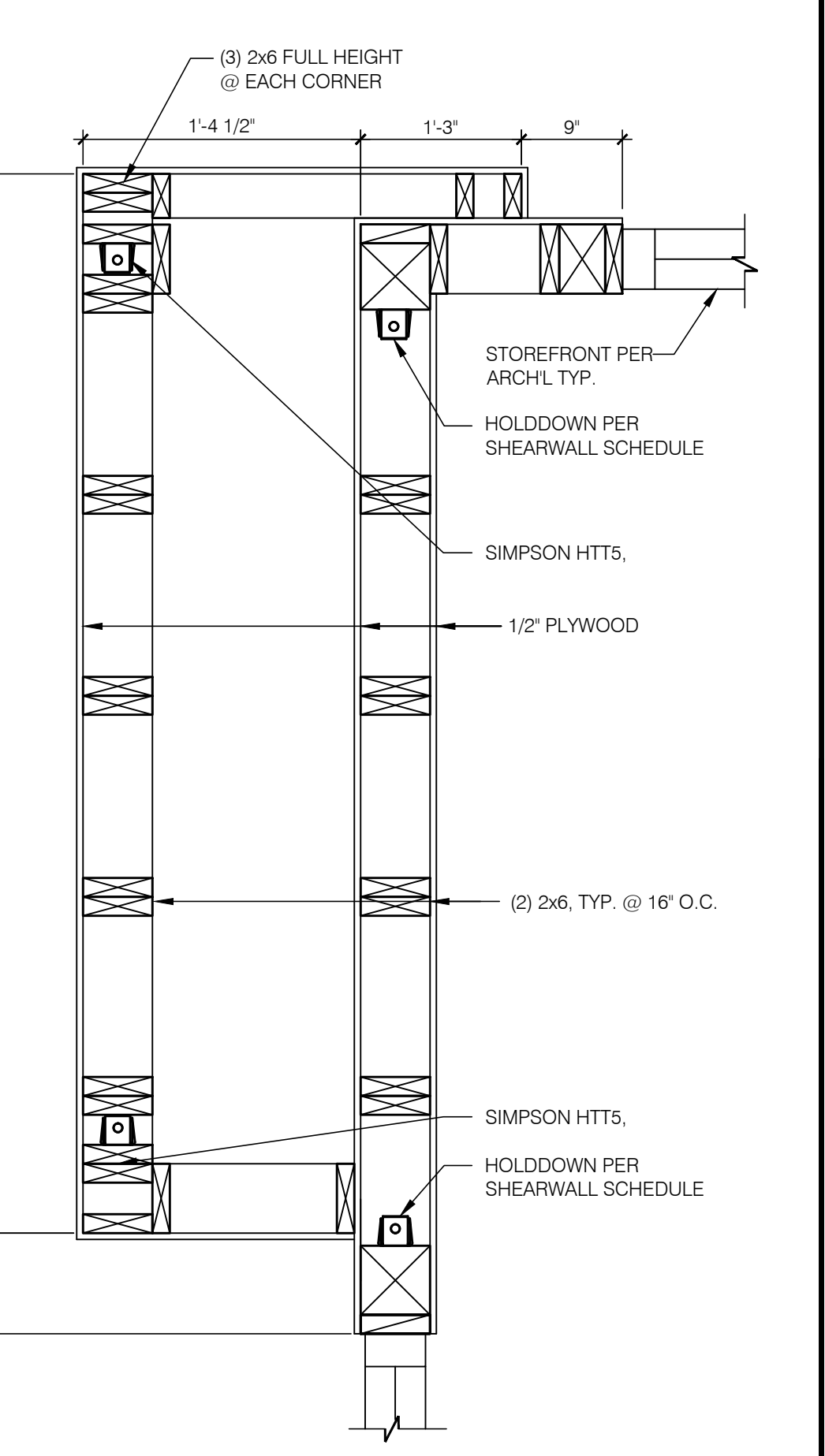
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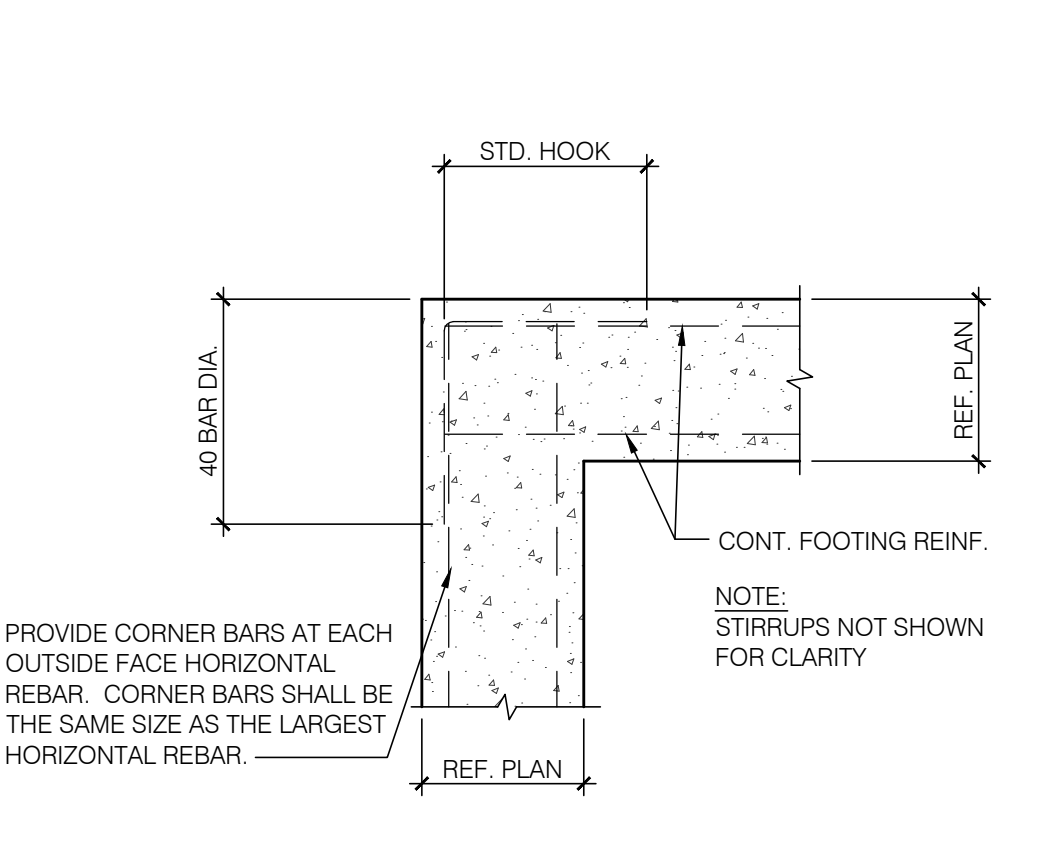
TYP. CONST. & CONTROL JOINTS 3/4" = 1'-0" **17**



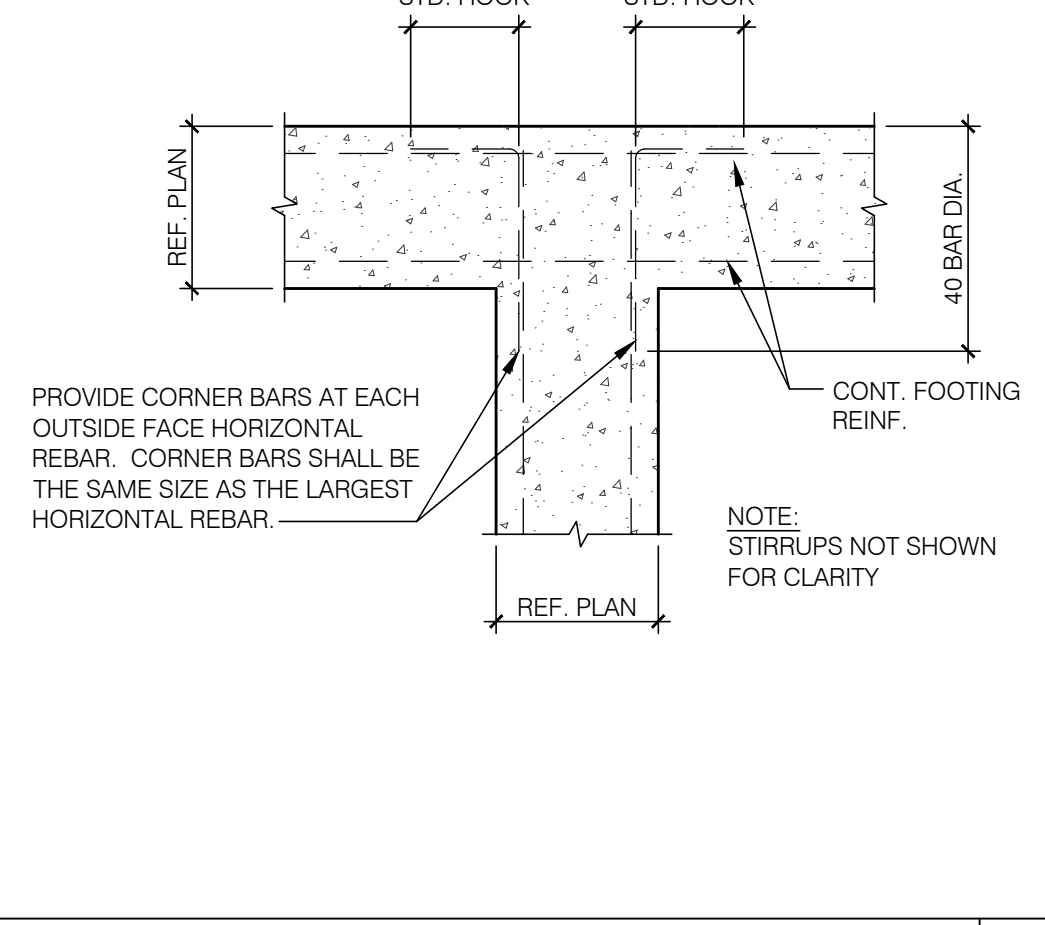
METAL STUD FRAMING ELEVATION N.T.S. **18**



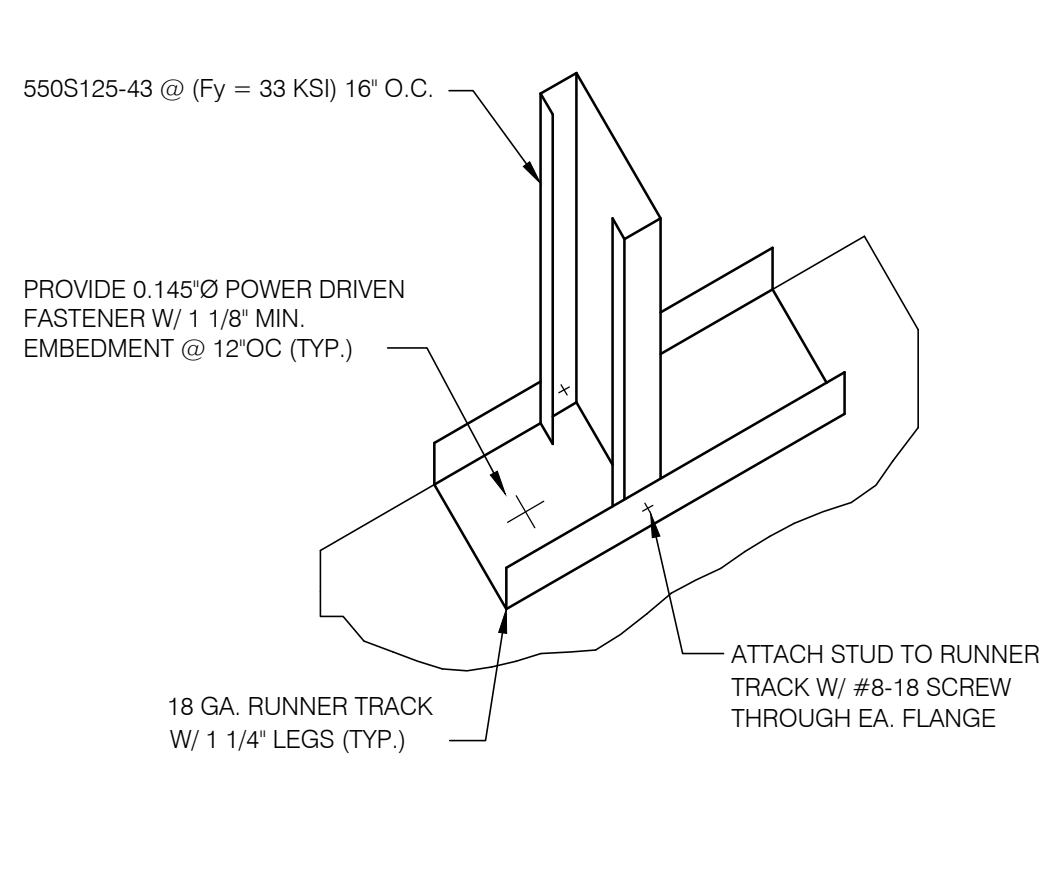
FRONT TOWER FRAMING N.T.S. **20**



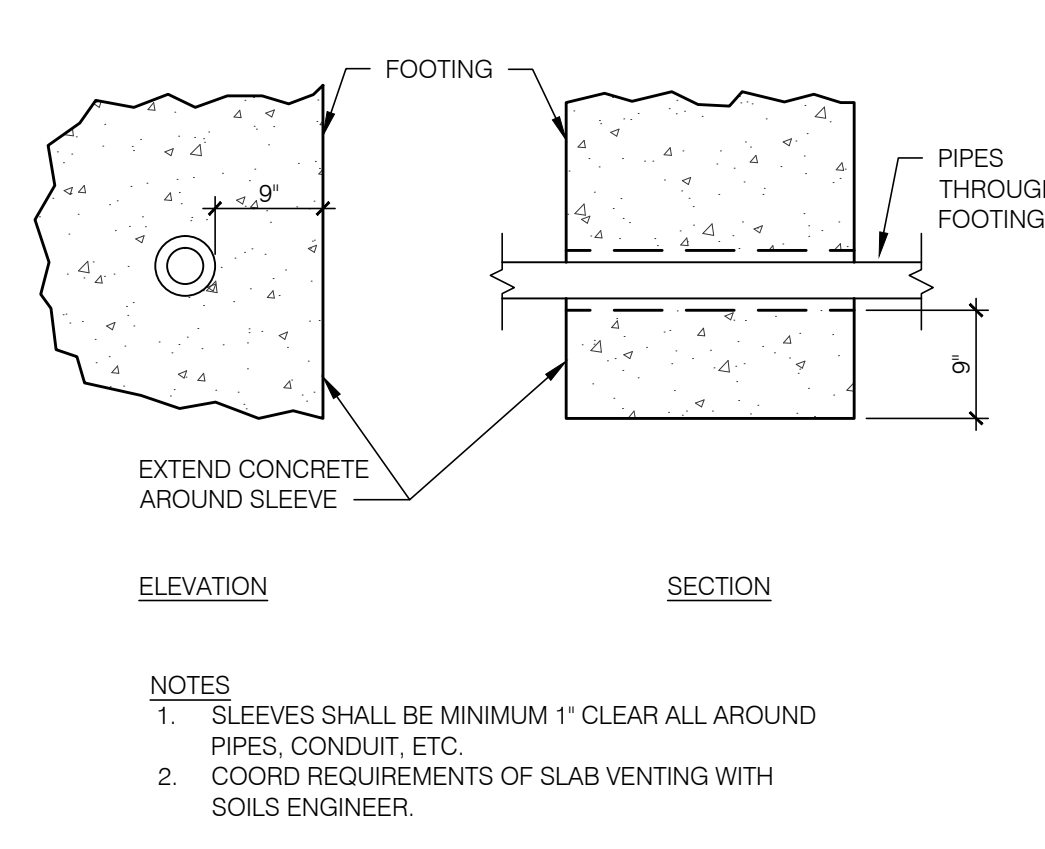
CORNER & INTERSECTION REINF. 1" = 1'-0" **14**



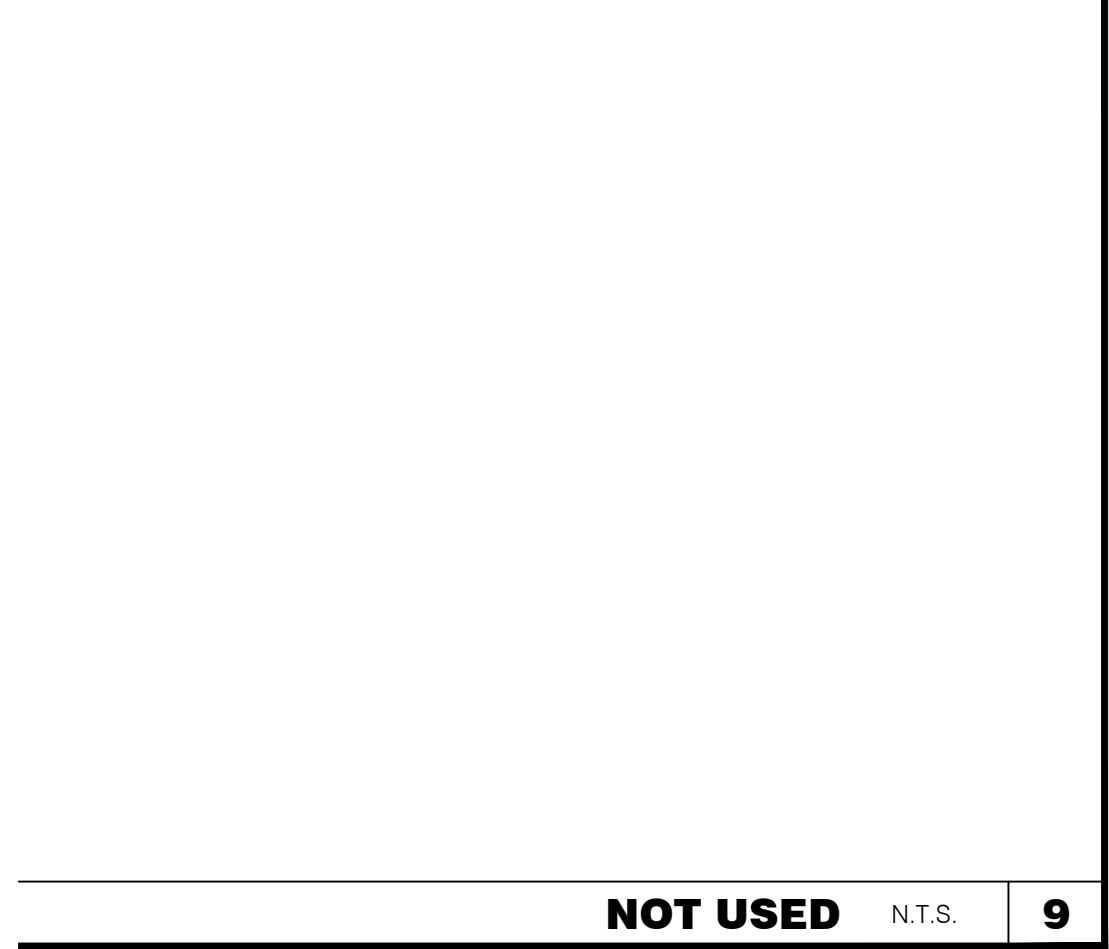
CORNER & INTERSECTION REINF. 1" = 1'-0" **14**



METAL STUD TO CONCRETE CONN. N.T.S. **15**



PIPES THROUGH FOUNDATIONS N.T.S. **16**



NOT USED N.T.S. **9**



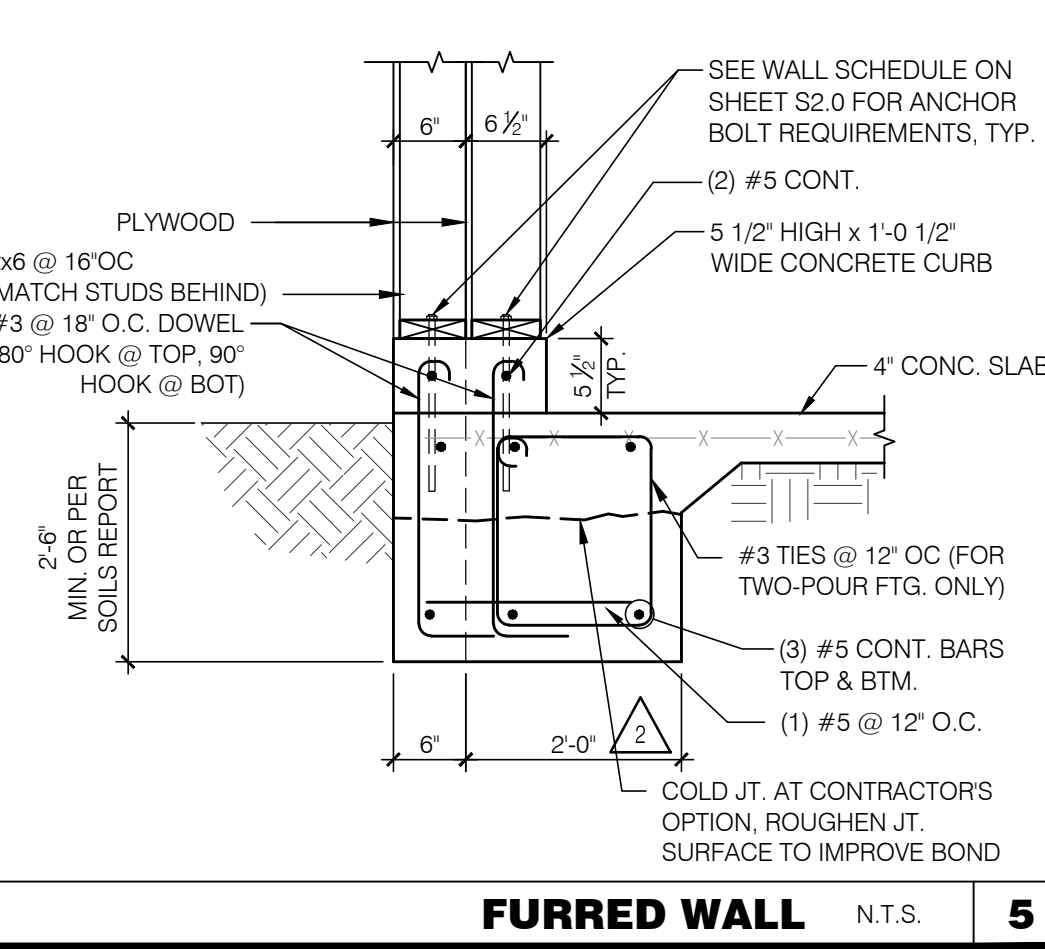
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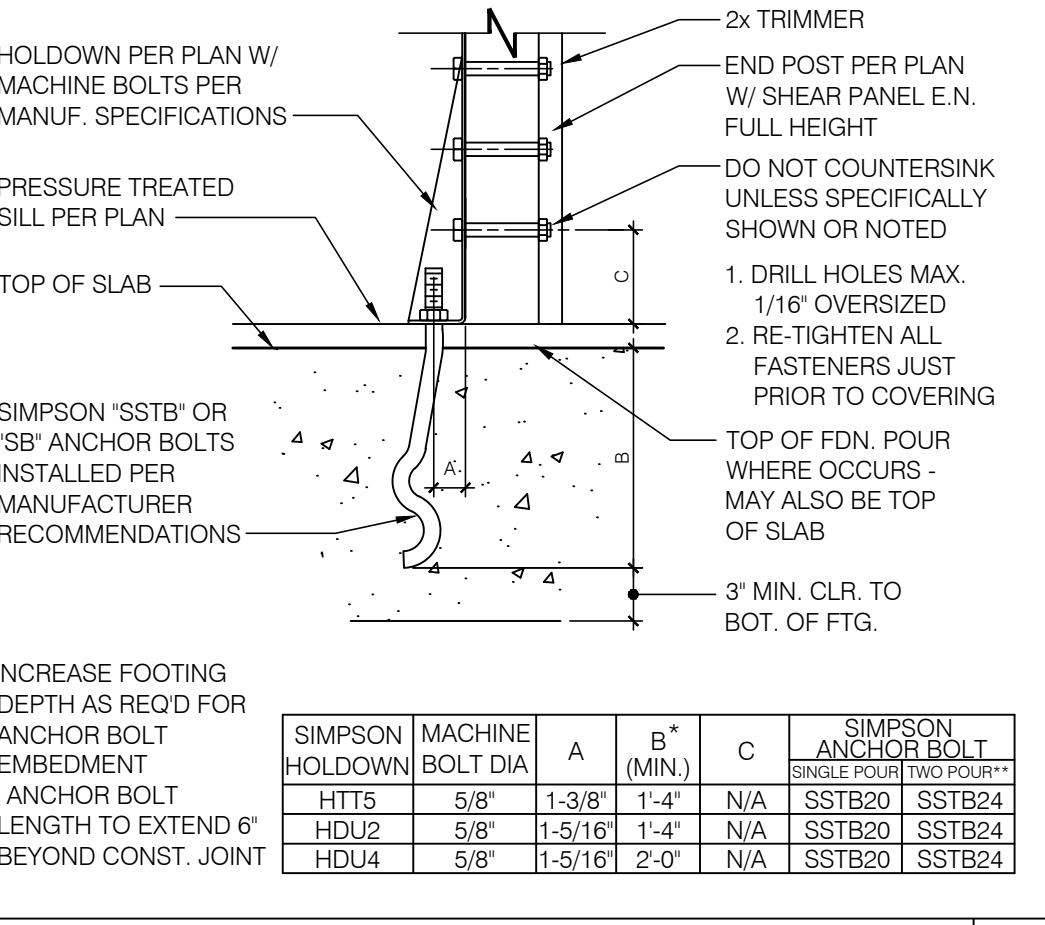
NOT USED N.T.S. **11**



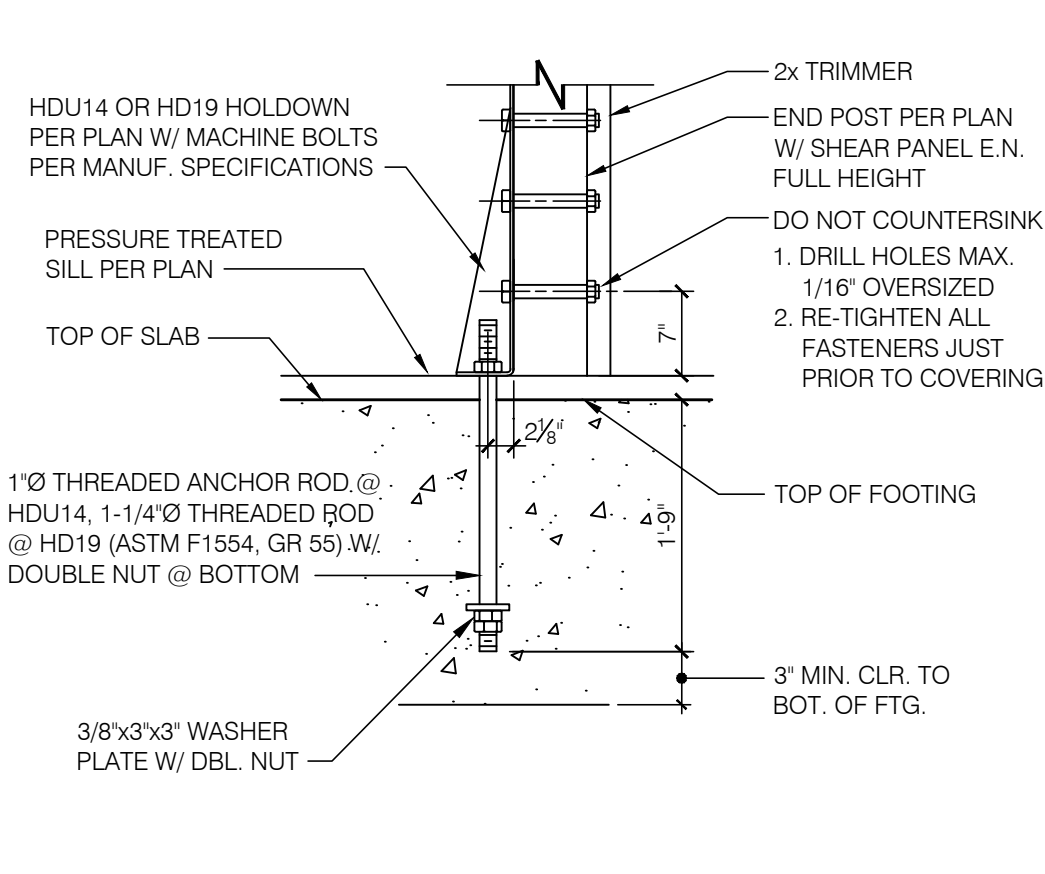
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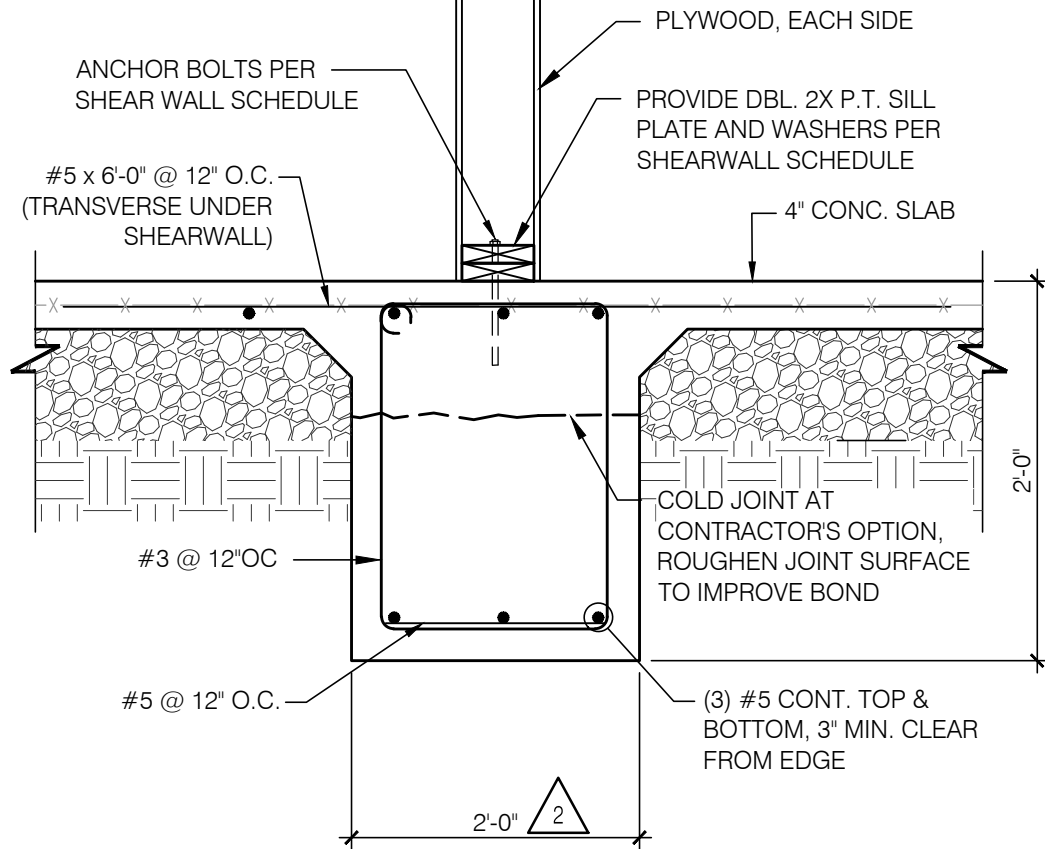
FURRED WALL N.T.S. **5**



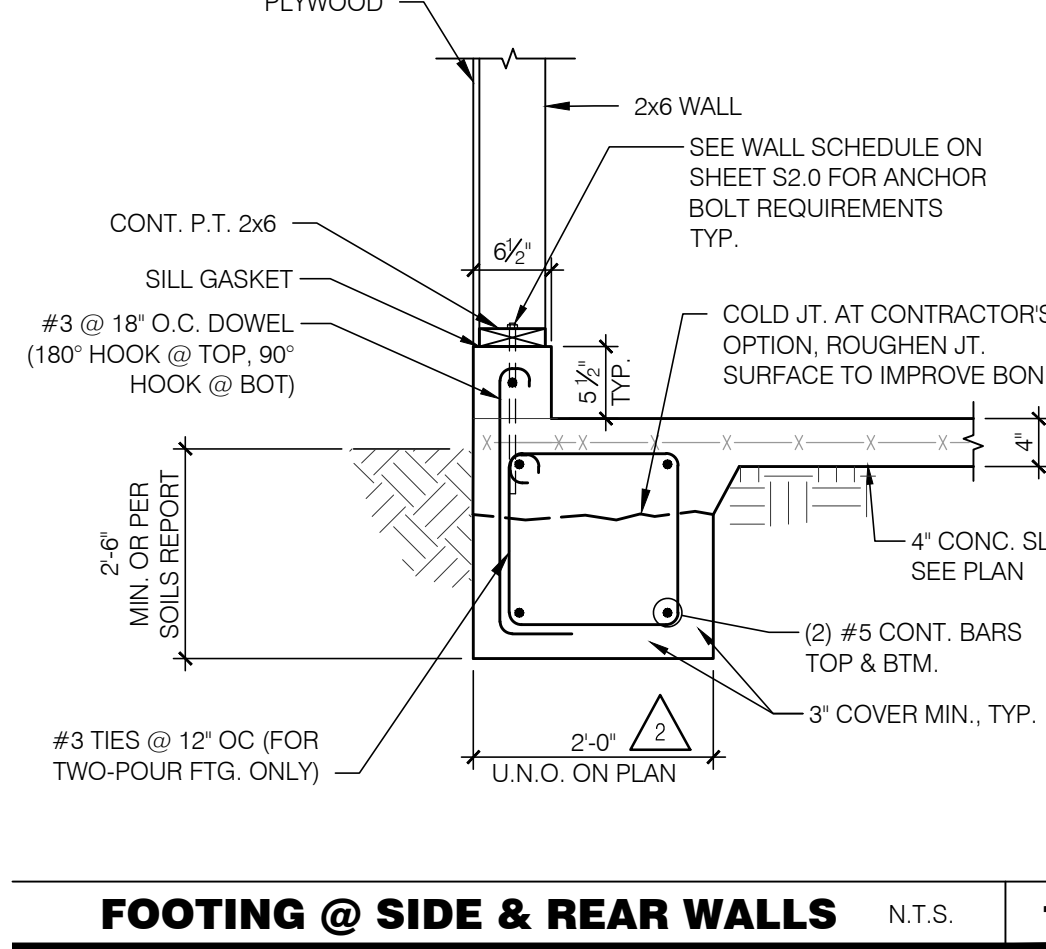
HOLD-DOWN SCHEDULE N.T.S. **6**



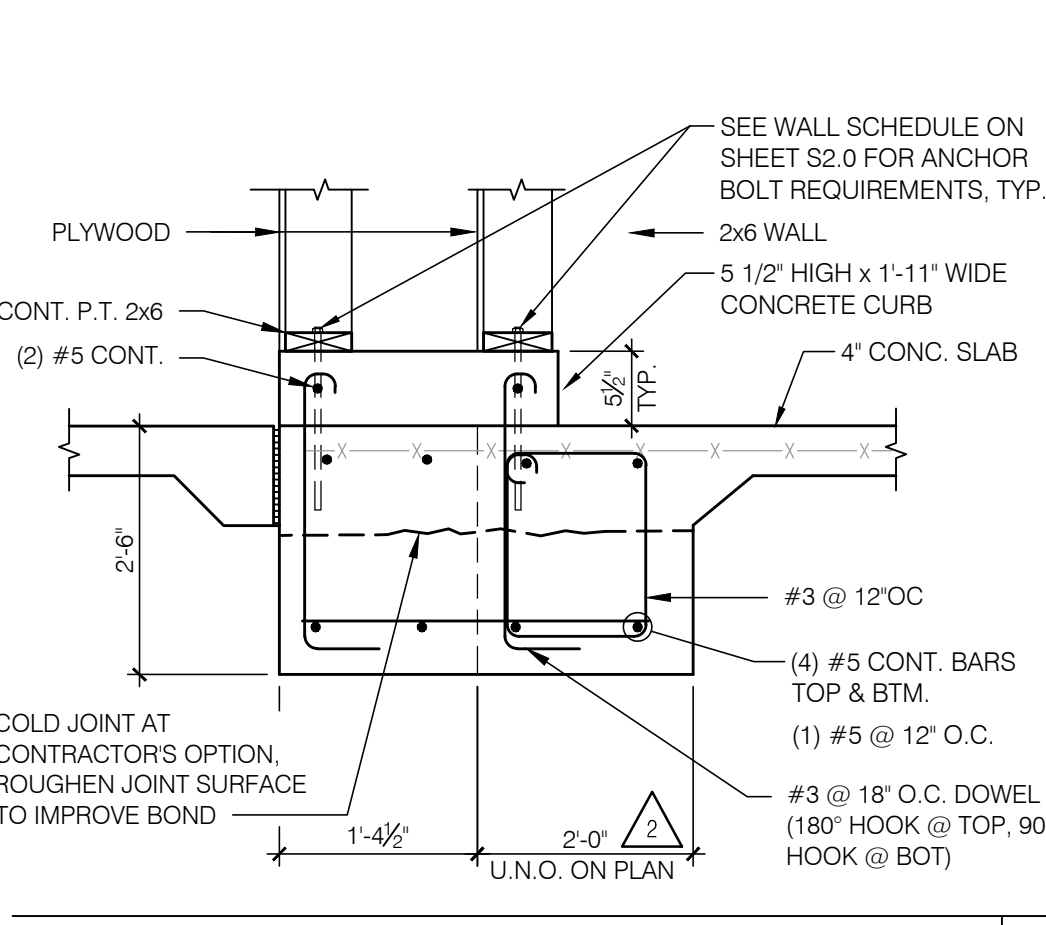
HDU14/HD19 HOLD-DOWN DETAIL N.T.S. **7**



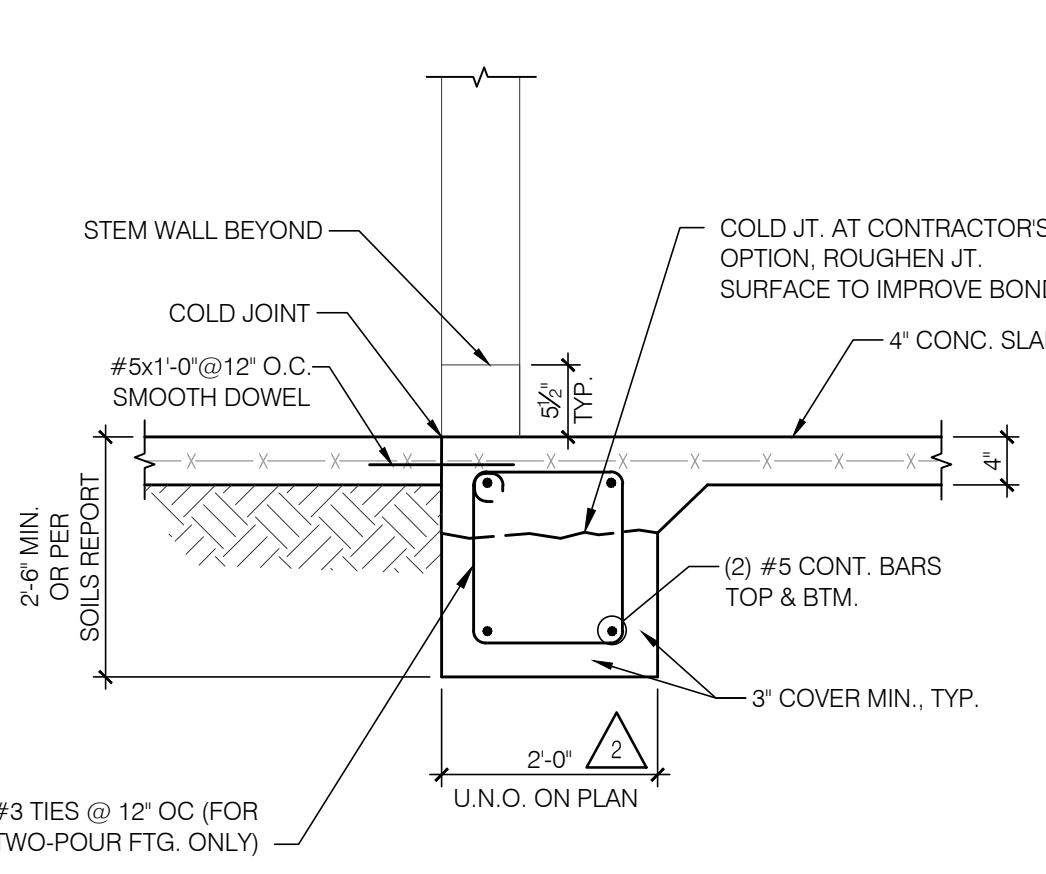
FOOTING @ INTERIOR SHEARWALL N.T.S. **8**



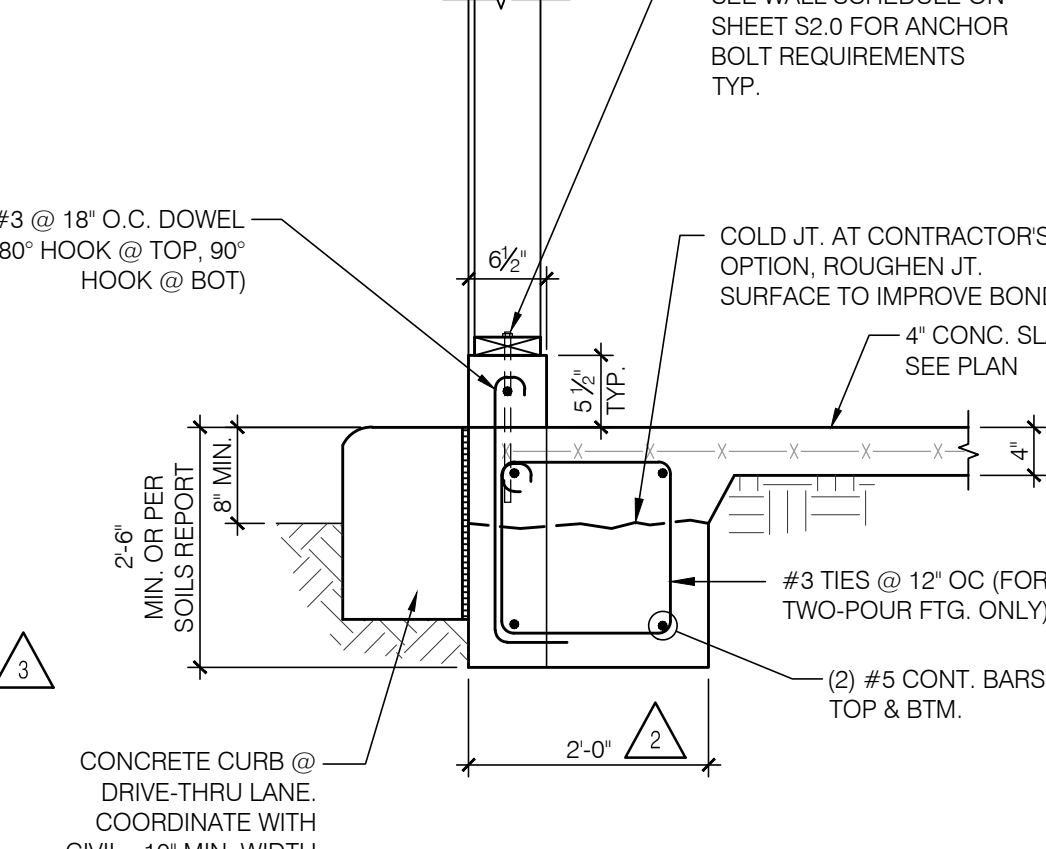
FOOTING @ SIDE & REAR WALLS N.T.S. **1**



FOOTING @ FRONT TOWER LEG N.T.S. **2**



FOOTING @ FULL HEIGHT OPENING N.T.S. **3**



FOOTING @ DRIVE THRU N.T.S. **4**

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1038 E. Douglas Woods, SC 8211
www.glm.com



PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 26691, EXPIRATION DATE: 12/11/2017.

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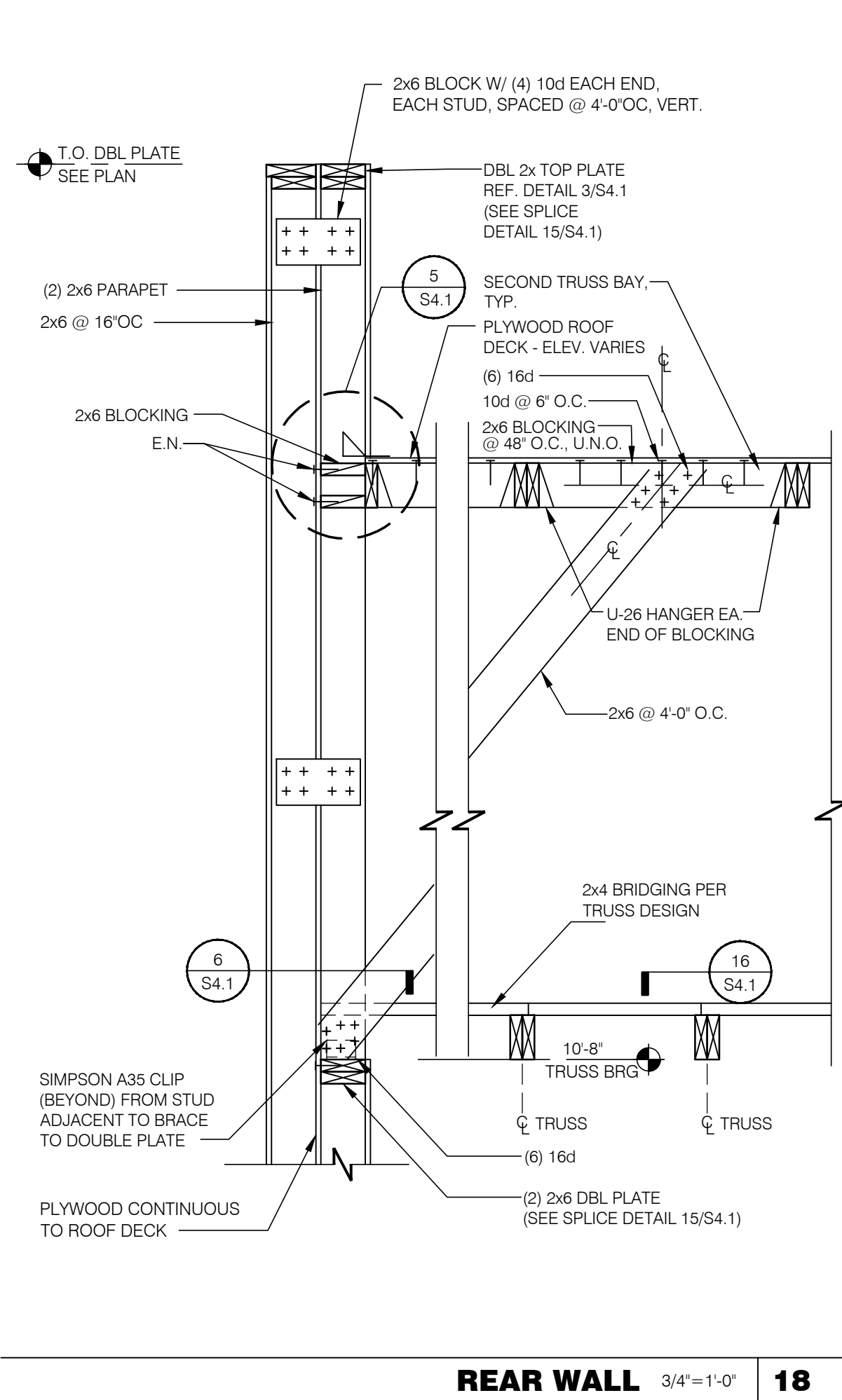
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LIVE MAS
MEDIUM40 - MODIFIED

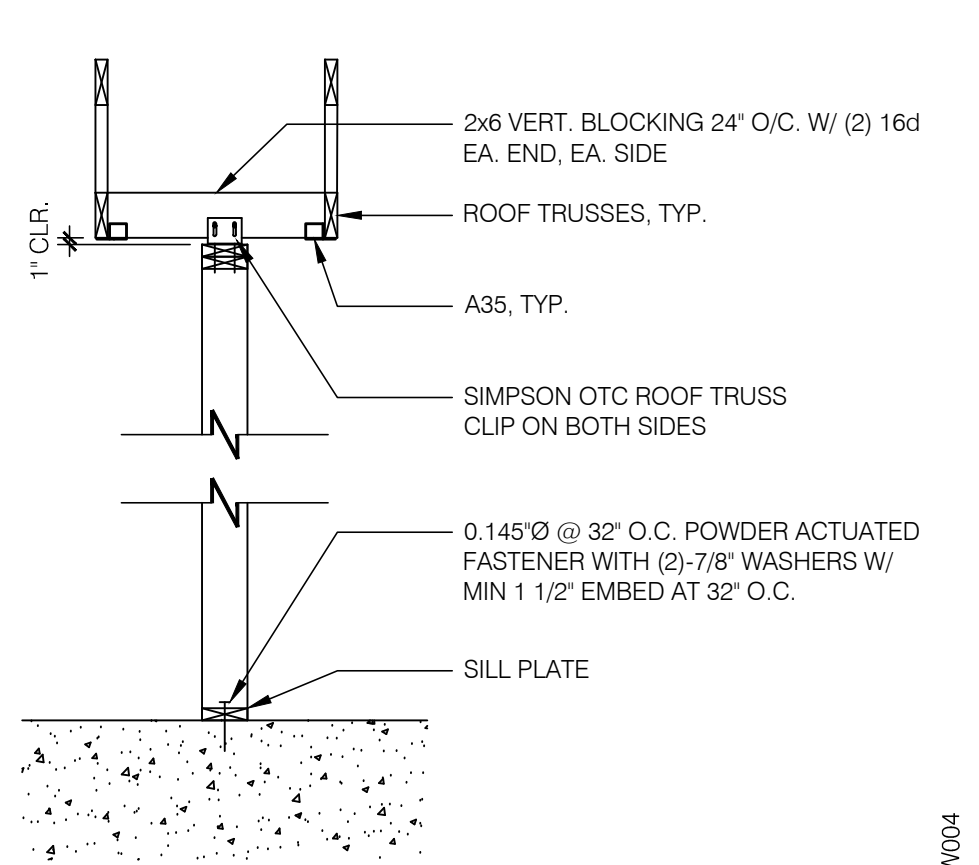
STRUCTURAL DETAILS (FOUNDATION)

S4.0

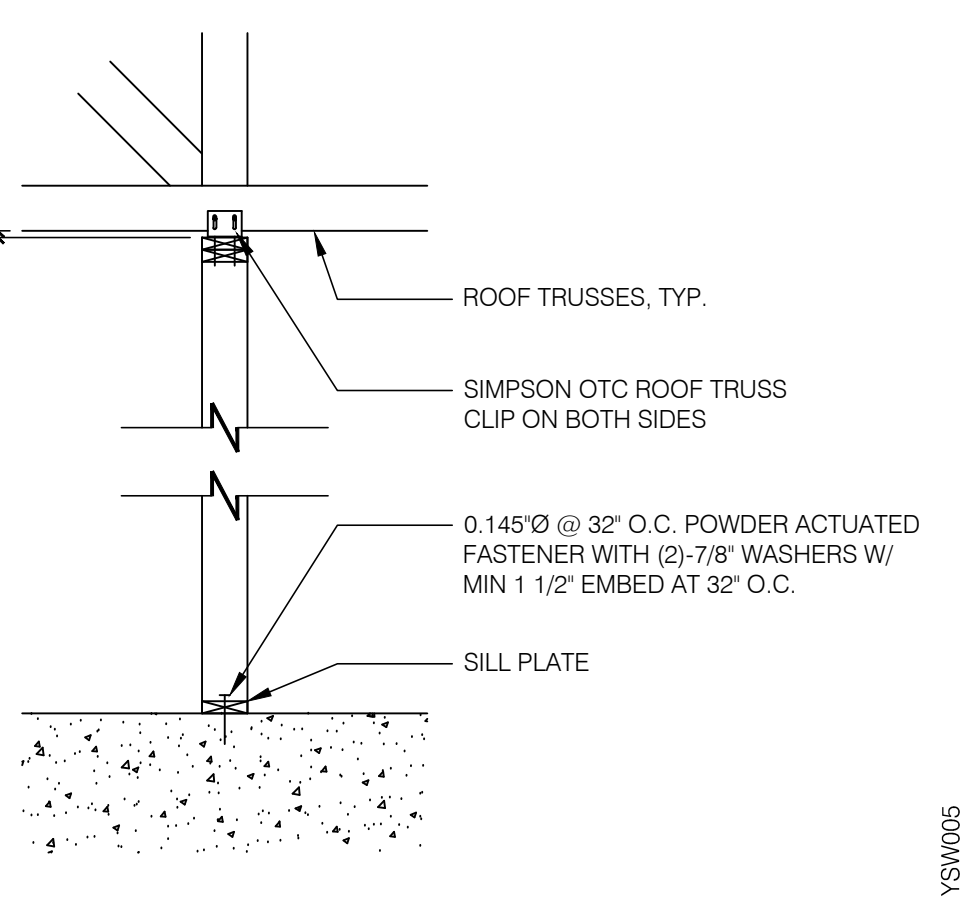
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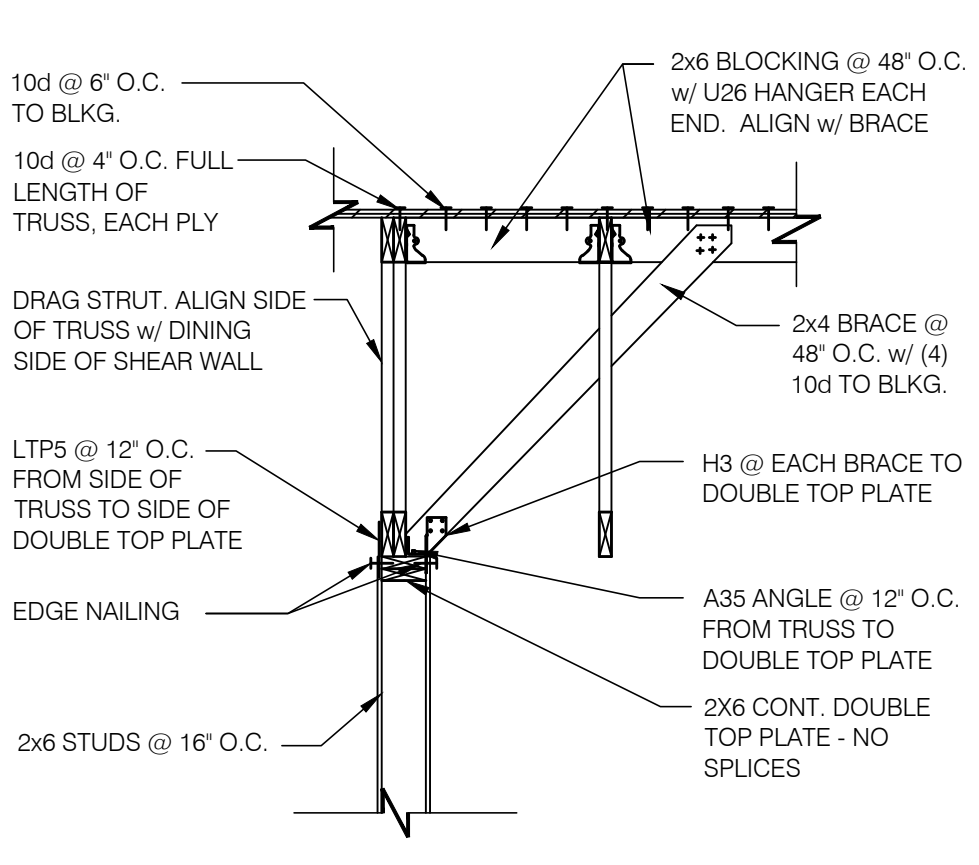
REAR WALL 3/4" = 1'-0" **18**



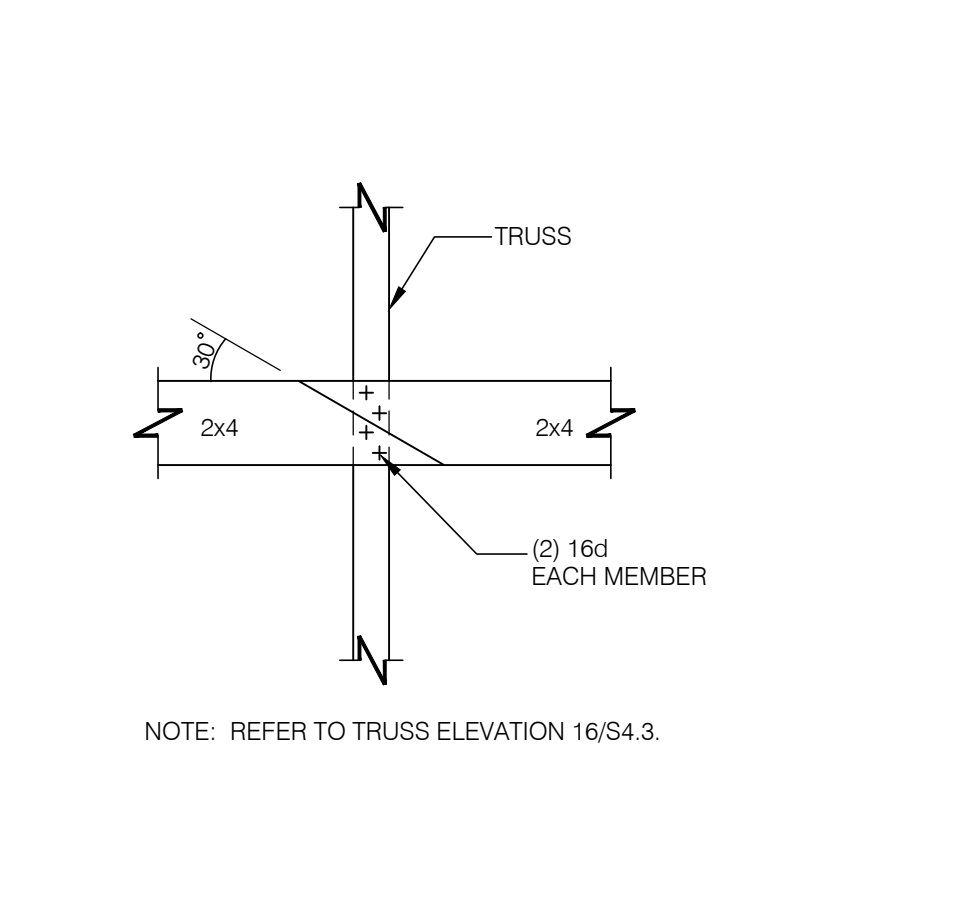
SUPPORT- PARALLEL TO TRUSS 1/2" = 1'-0" **13**



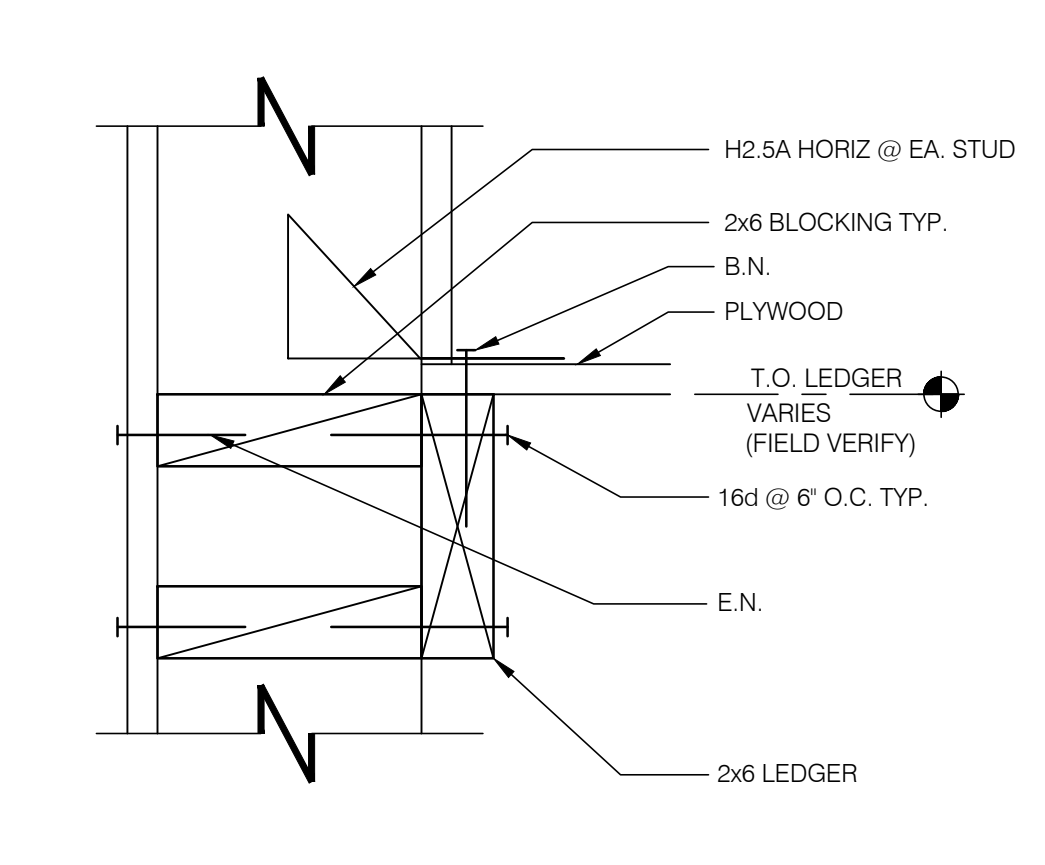
SUPPORT PERP. TO TRUSS 1/2" = 1'-0" **14**



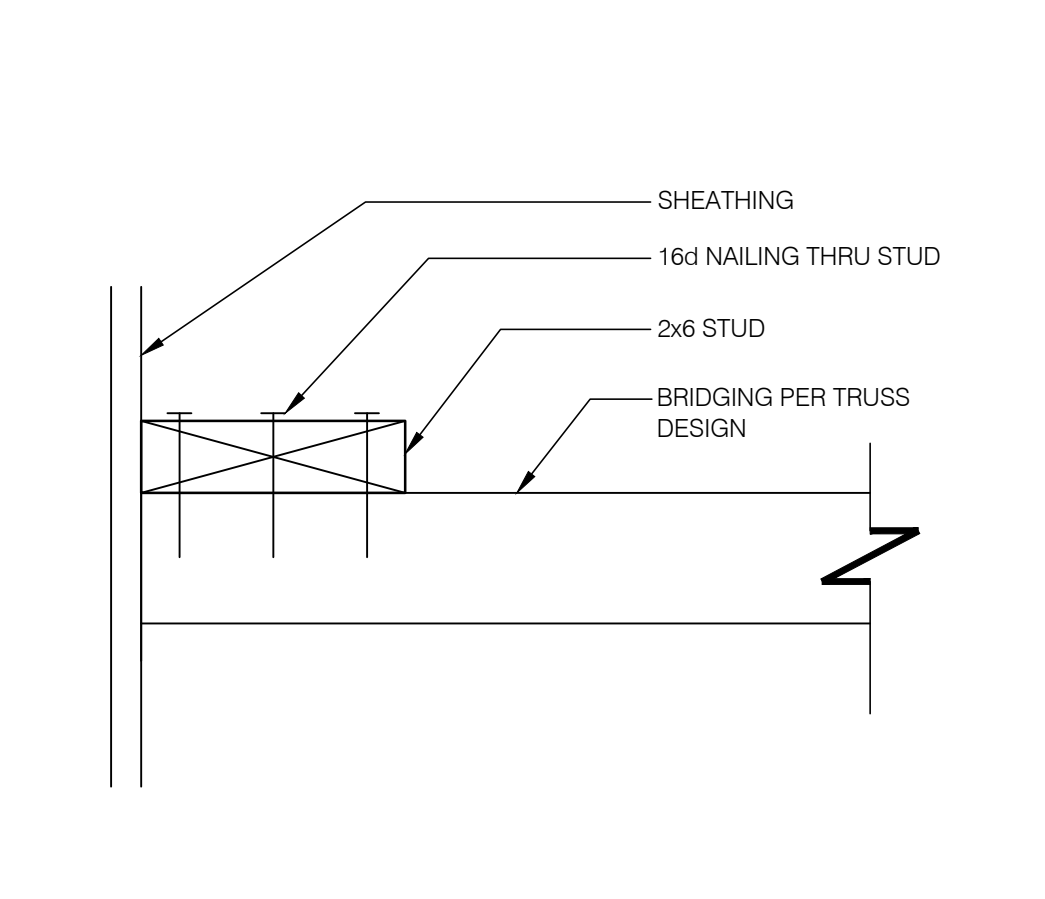
INTERIOR SHEAR WALL 1/4" = 1'-0" **9**



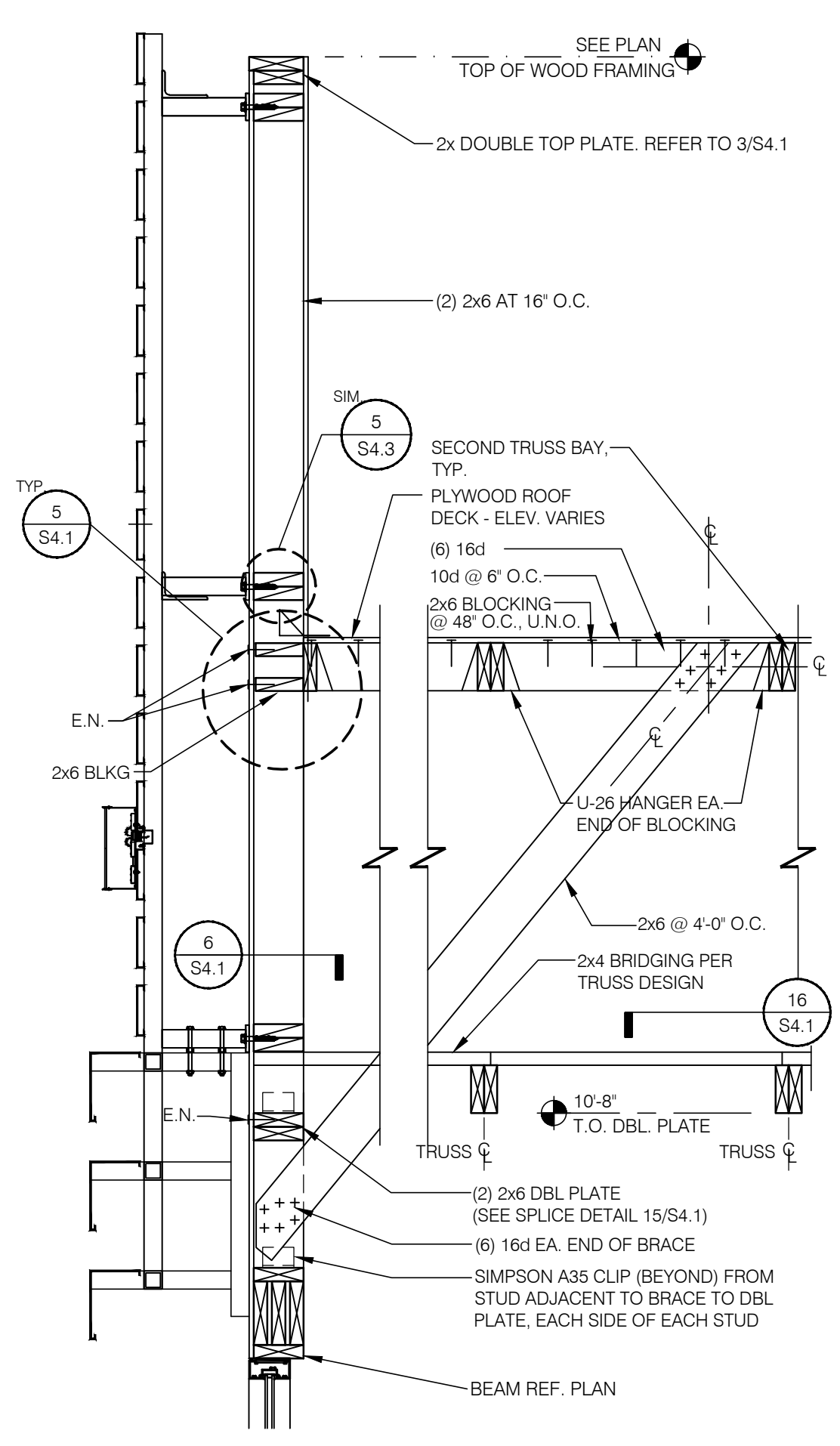
BRDG. LAP DETAIL @ OPEN CLG. N.T.S. **10**



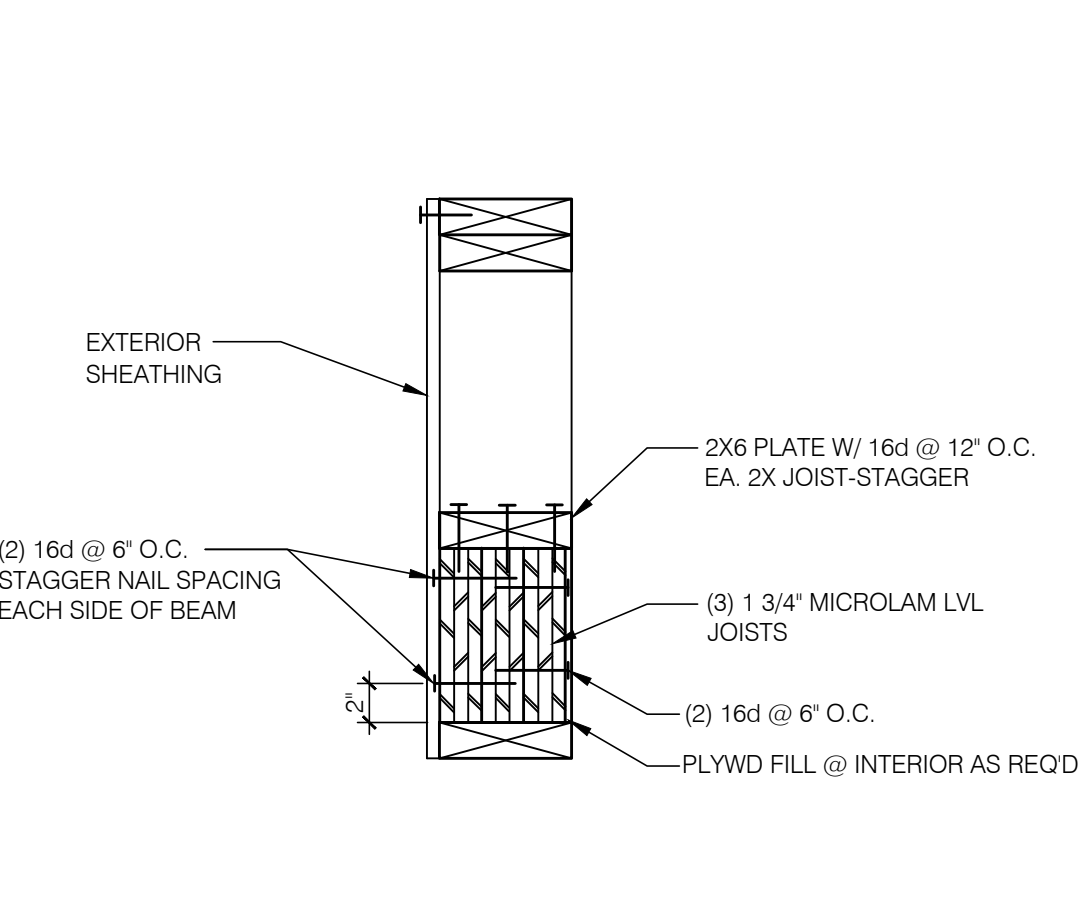
LEDGER DETAIL 3" = 1'-0" **5**



BRIDGING DETAIL N.T.S. **6**



FRONT WALL 3/4" = 1'-0" **2**



BUILT-UP MICROLAM HEADER N.T.S. **19**

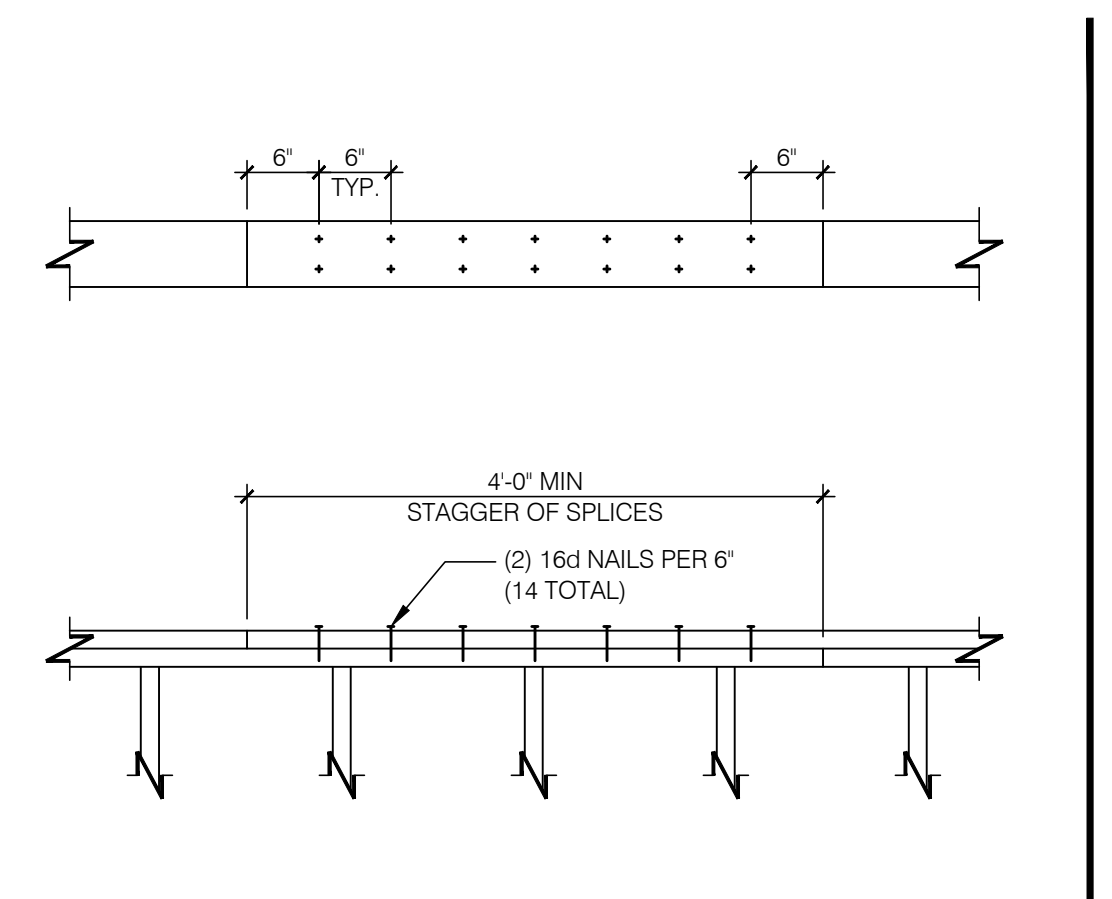
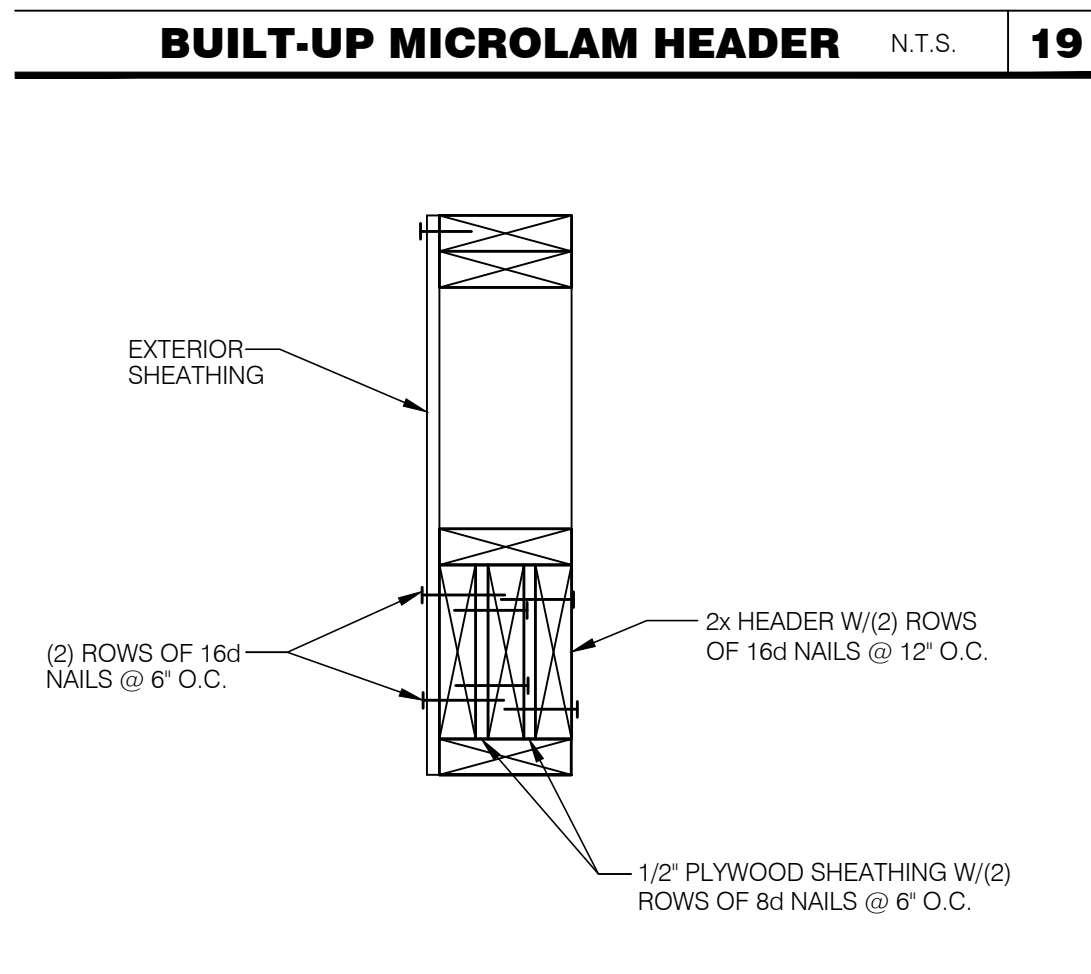


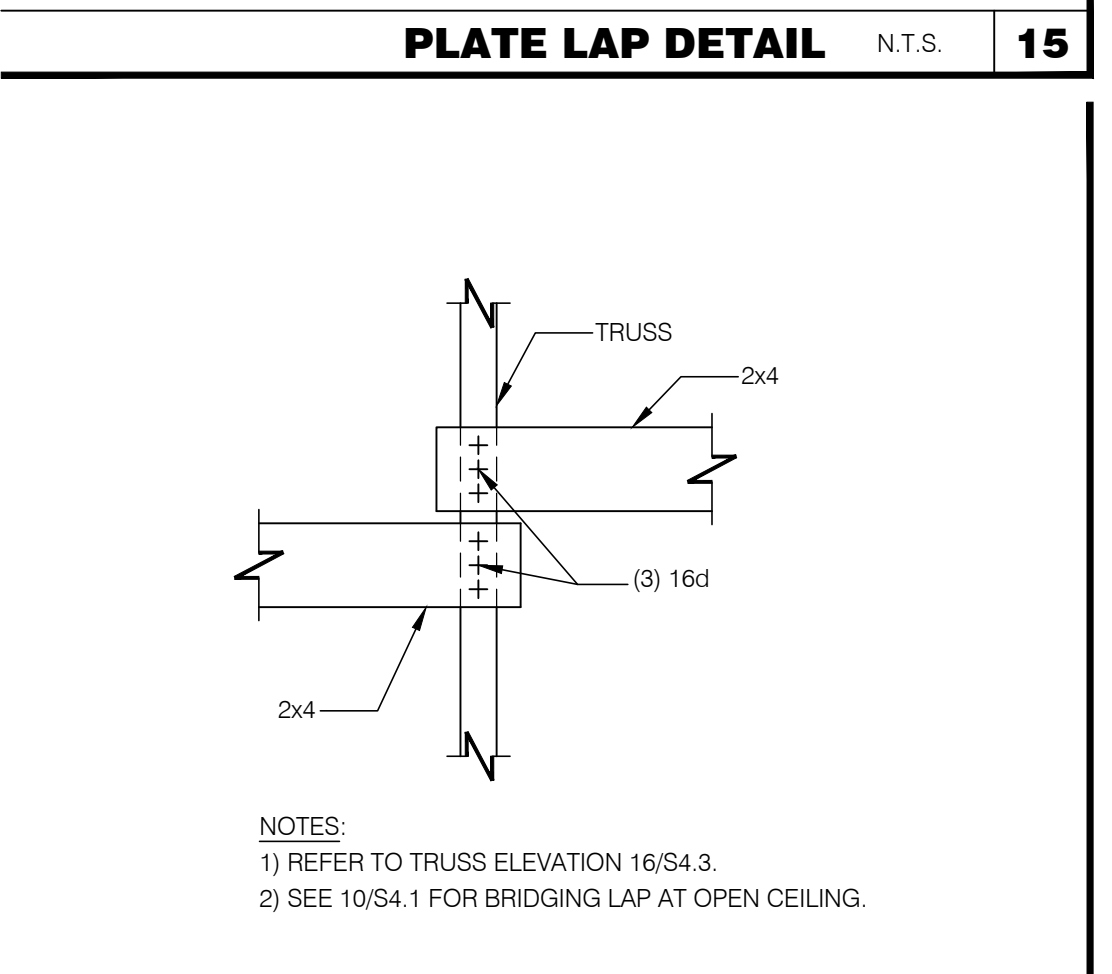
PLATE LAP DETAIL N.T.S. **15**



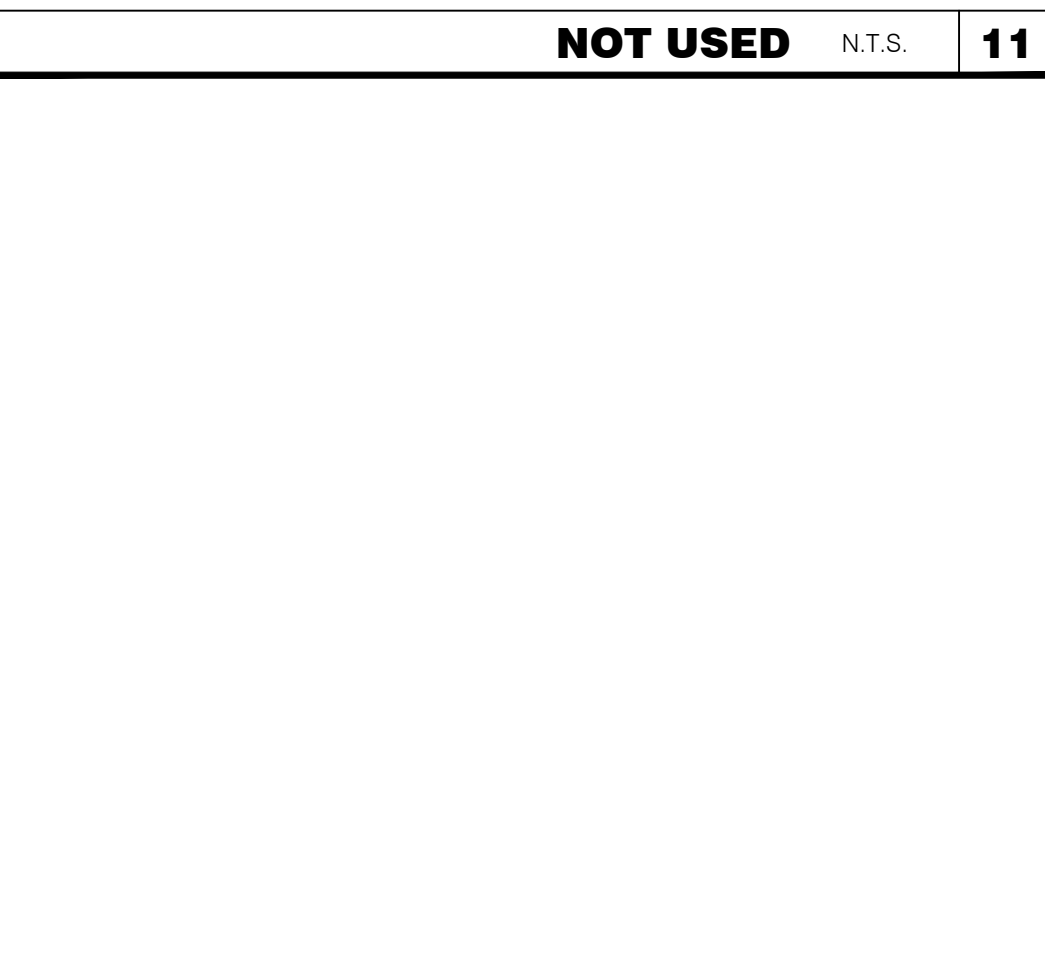
NOT USED N.T.S. **11**



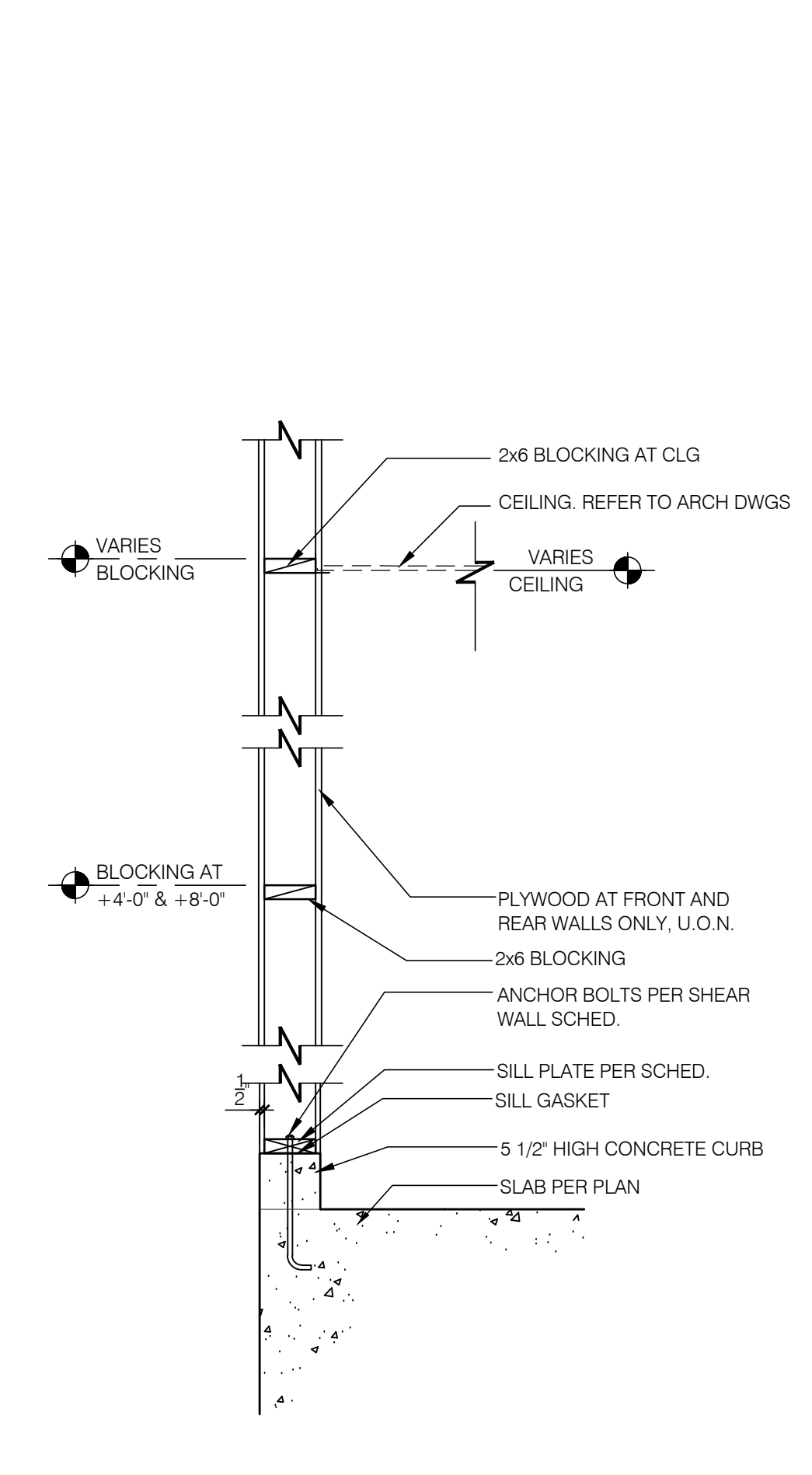
TYP. MULTIPLE HEADER 1-1/2" = 1'-0" **20**



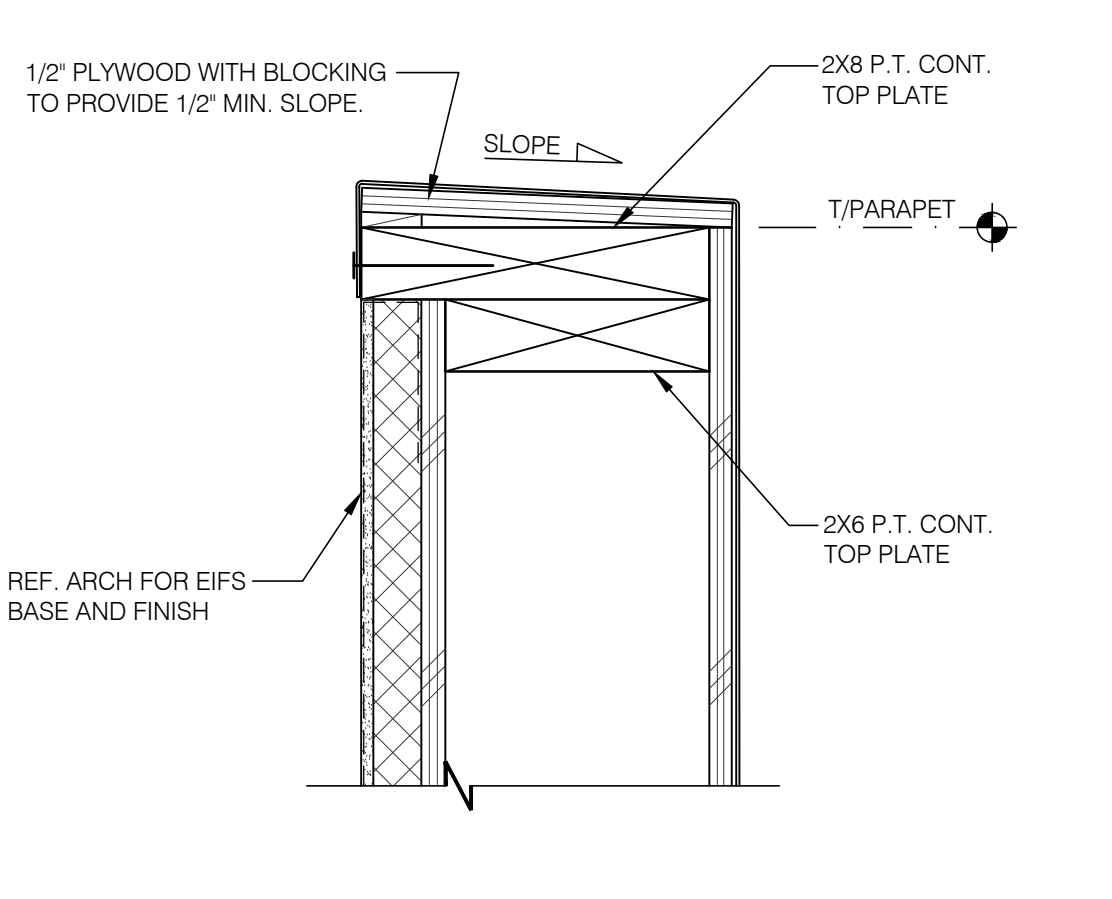
BRIDGING LAP DETAIL N.T.S. **16**



NOT USED N.T.S. **12**



TYPICAL WALL BELOW JOIST 3/4" = 1'-0" **8**



TYP. PARAPET CAP 3" = 1'-0" **3**

EQUIPMENT	DESIGN WEIGHT
HVAC UNIT - RTU-1	★ 1600 lbs.
HVAC UNIT - RTU-2	★ 2800 lbs.
EXHAUST FAN - EF-1	★ 200 lbs.
EXHAUST FAN - EF-2	★ 70 lbs.
HOOD #1 - TACO BELL	400 lbs.
ICE CONDENSERS	200 lbs.
FREEZER CONDENSER	300 lbs.
COOLER CONDENSER	300 lbs.
MUZAK DISH, SLED & BALLAST - ALLOW FOR LOCATION ANYWHERE ON ROOF.	1,087 lbs.

★ A. ALL DESIGN WEIGHTS INCLUDE CURB.
 B. COORDINATE WEIGHTS WITH HVAC UNIT SCHEDULE 1/M1.0.
 C. MAXIMUM RTU WEIGHT: 2,800 LBS.
 D. USE THESE WEIGHTS FOR TRUSS DESIGN CRITERIA: 18/S4.3

ROOF TOP EQUIPMENT WEIGHTS N.T.S. **4**

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15025.000

ADDRESS CHANGE 01/05/16
 COUNTY COMMENTS 04/08/16

DATE: JULY 15, 2015
 BUILDING TYPE: MED-40-MOD
 PLAN VERSION: JUNE 2015
 SITE NUMBER: _____
 ENTITY NUMBER: _____

1300 HOLTON LANE
 TAKOMA PARK, MD 20912

TACO BELL
LIVE MAS
 MEDIUM-40 - MODIFIED

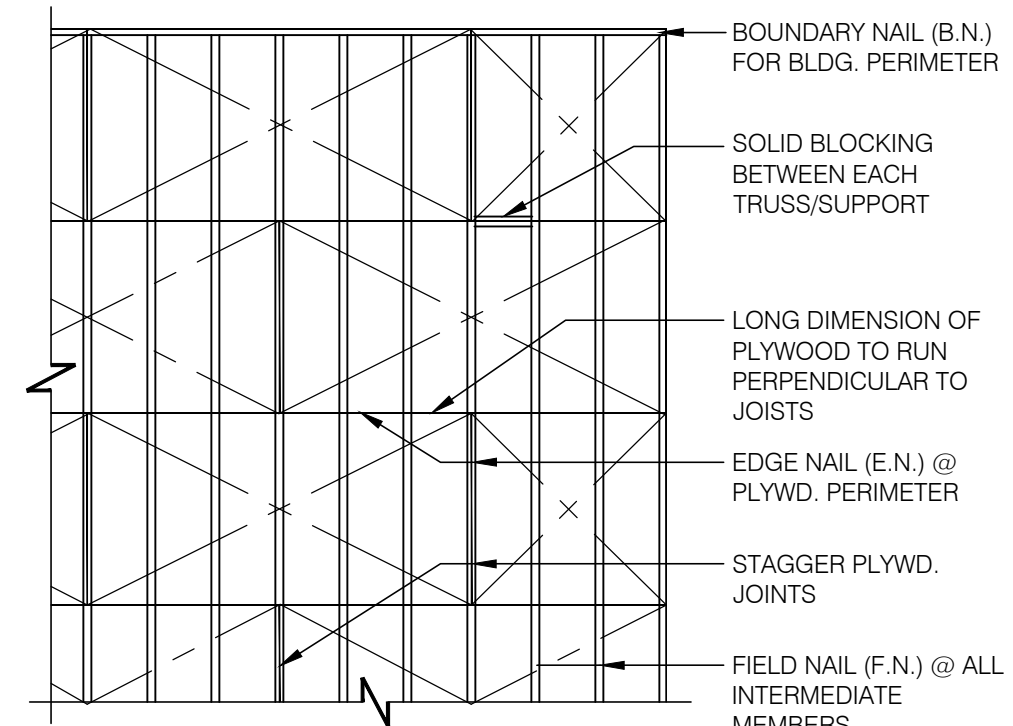
STRUCTURAL DETAILS (FRAMING)

S4.1

PLOT DATE: 4-08-16

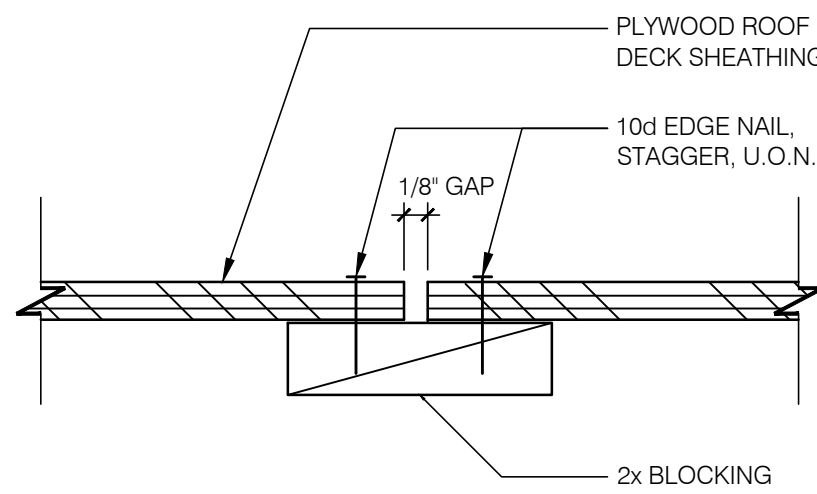
CONNECTION TYPE:	NAILING:
1. JOIST TO SILL OR GIRDER, TOENAIL	(3-8d)
2. BRIDGING TO JOIST, TOENAIL EACH END	(2-8d)
3. 1"x6" (25MMx152MM) SUBFLOOR OR LESS TO JOIST, FACE NAIL	(2-8d)
4. WIDER THAN 1' X 6" (25MMx152MM) SUBFLOOR TO JOIST, FACE NAIL	(3-8d)
5. 2" (52MM) SUBFLOOR TO GIRDER, BLIND AND FACE NAIL	(2-16d)
6. SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL	(16d @ 16" O.C.)
7. SOLE PLATE TO JOIST OR BLOCKING, AT BRACED W. PANELS	(3-16d PER 16')
8. TOP PLATE TO STUD, END NAIL	(2-16d)
9. STUD TO SOLE PLATE	(2-16d END NAIL)
10. DOUBLE STUDS, FACE NAIL	(16d @ 24", O.C.)
11. DOUBLE TOP PLATES, TYPICAL FACE NAIL	(16d @ 16" O.C.)
12. DOUBLE TOP PLATES, LAP SPLICE	(8-16d)
13. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL	(3-8d)
14. RIM JOIST TO TOP PLATE, TOENAIL	(8d @ 6" O.C.)
15. TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	(2-16d)
16. CONTINUOUS HEADER, TWO PIECES	(16d @ 16" O.C. ALONG EDGE)
17. CEILING JOISTS TO PLATE, TOENAIL	(3-8d)
18. CONTINUOUS HEADER TO STUD, TOENAIL	(4-8d)
19. CEILING JOISTS, LAP OVER PARTITIONS, FACE NAIL	(3-16d)
20. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	(3-16d)
21. RAFTER TO PLATE, TOENAIL	(3-8d)
22. 1" (25MM) BRACE TO EACH STUD AND PLATE, FACE NAIL	(2-8d)
23. 1"x8" SHEATHING OR LESS TO EACH BEARING, FACE NAIL	(2-8d)
24. WIDER THAN 1"x8" SHEATHING TO EACH BEARING, FACE NAIL	(3-8d)
25. BUILT-UP CORNER STUDS	(16d @ 24" O.C.)
26. 2" PLANKS	(2-16d AT EACH SPLICE)
27. 2x6 BOX BEAM / HEADER	(12d @ 12" O.C.)
28. BUILT-UP GIRDER AND BEAMS	(20d @ 32" O.C. AT TOP & BOTTOM AND STAGGERED 2-20d AT ENDS AND AT EACH SPLICE)

NAILING SCHEDULE N.T.S. **18**

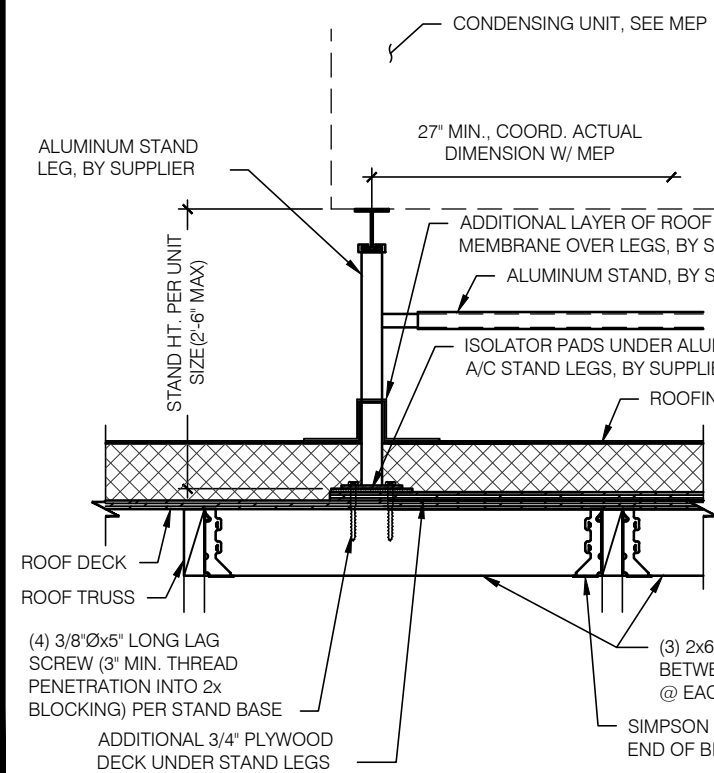


NOTES:
 1. MIN. PLYWD. SHT. SIZE SHALL BE 2'-0" X 4'-0".
 2. MIN. 3/8" NAILING EDGE DISTANCE.
 3. EDGE NAIL (E.N.) O/ BEAMS AND AROUND ALL OPENINGS.

ROOF NAILING PLAN N.T.S. **13**

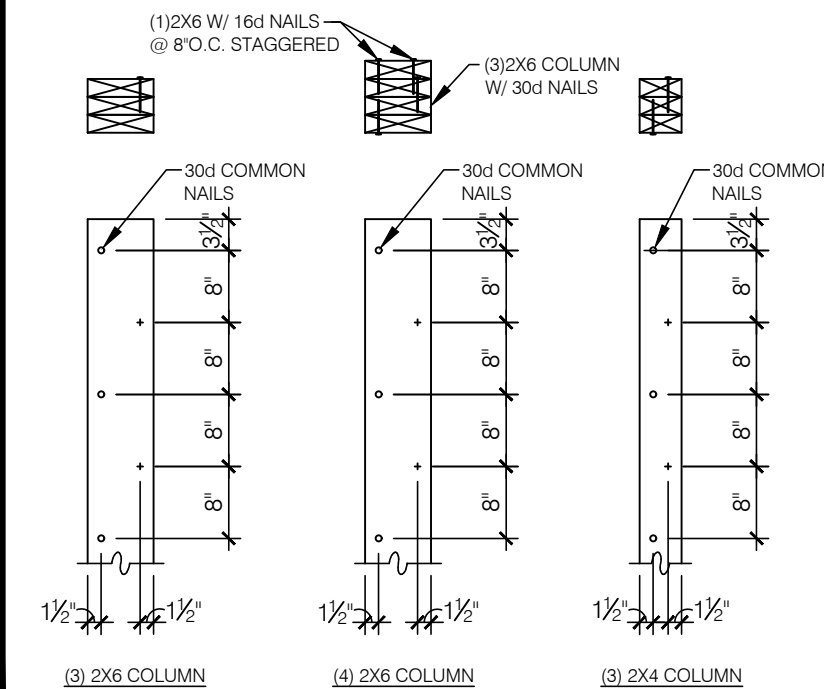


PLYWOOD EDGE BLOCKING N.T.S. **14**

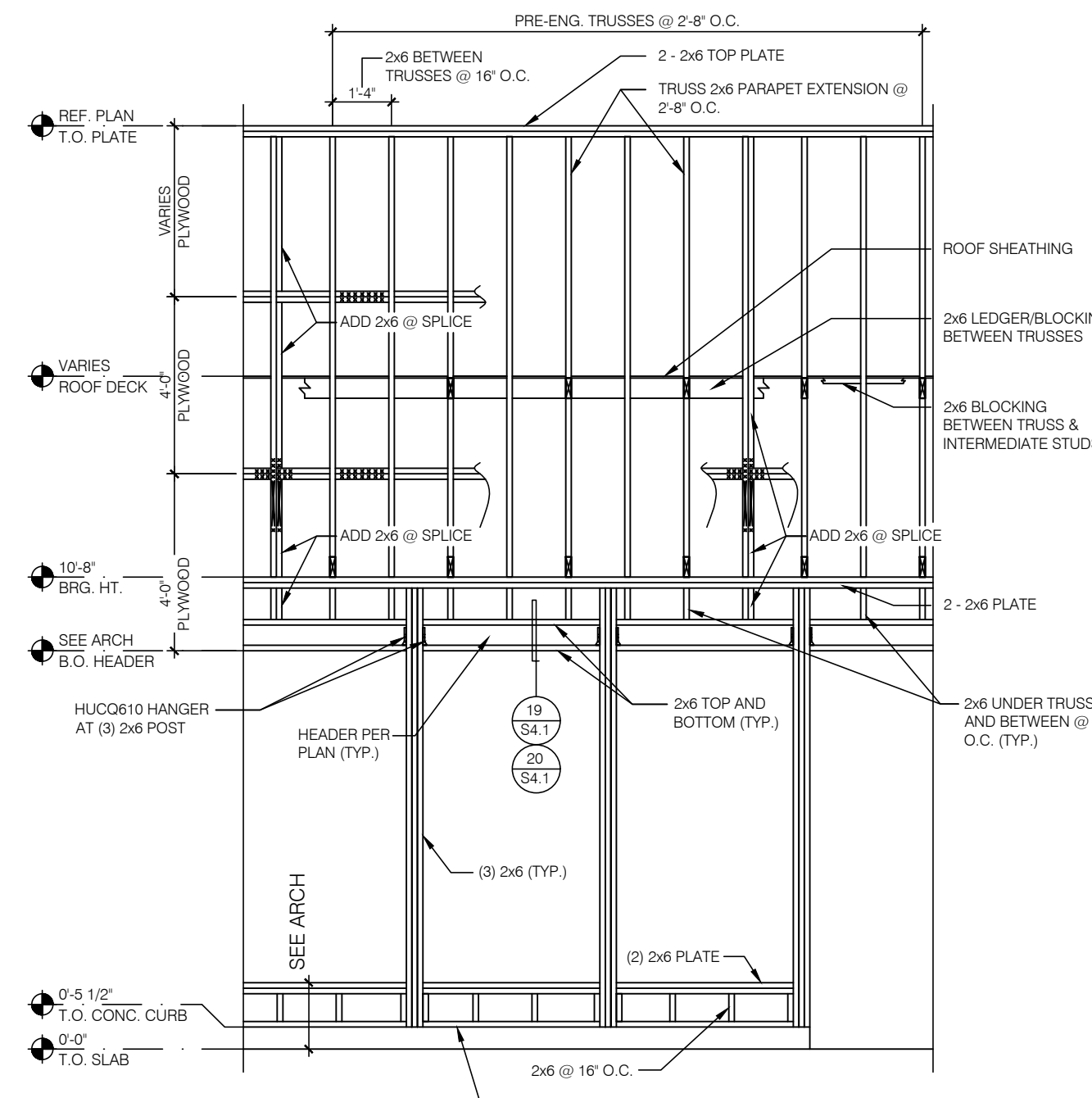


NOTE:
 SET SUPPORTS ON SOLID NON-RIBBED NEOPRENE, AND SECURE LAG BOLTS THROUGH STEEL/NEOPRENE WASHER

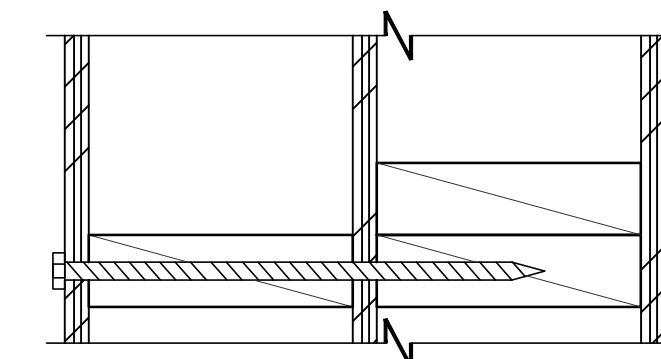
ALUMA STAND DETAIL N.T.S. **9**



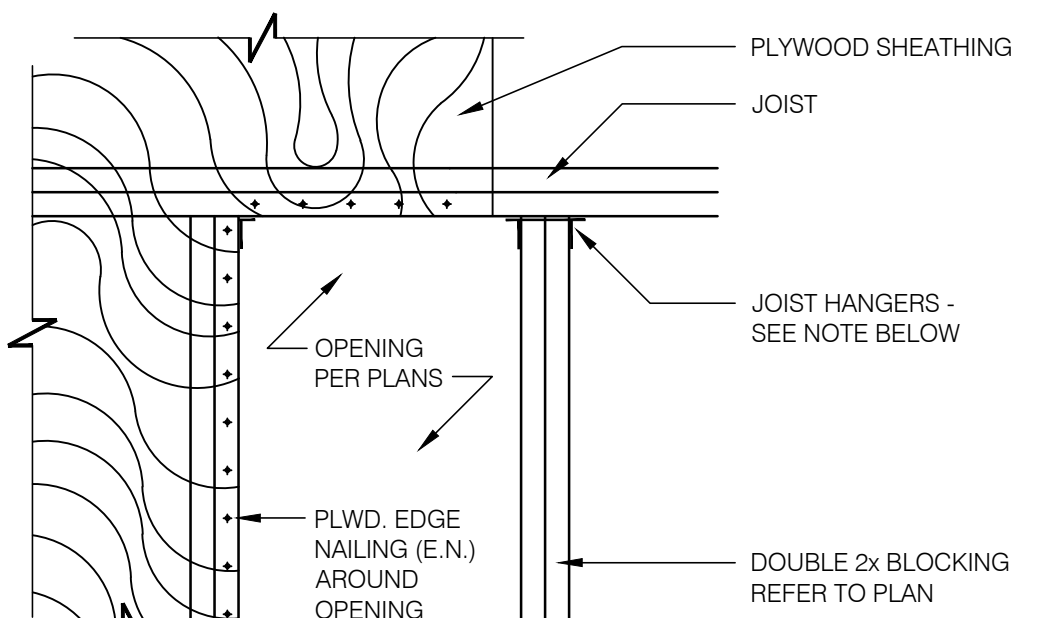
BUILT-UP 2X COLUMNS N.T.S. **10**



WALL FRAMING AT OPENING 3/8" = 1'-0" **6**

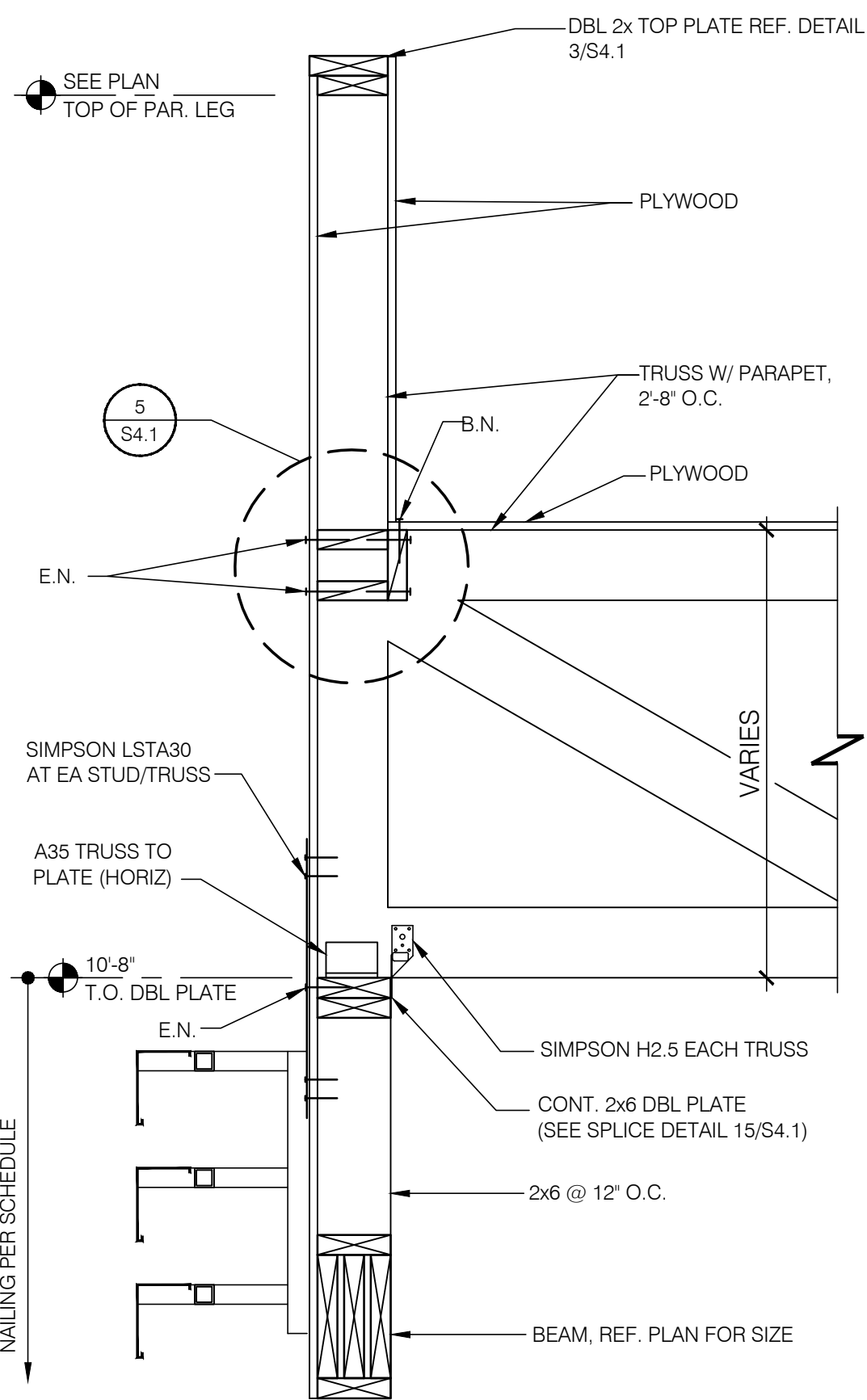


BUILD-OUT ATTACHMENT N.T.S. **1**

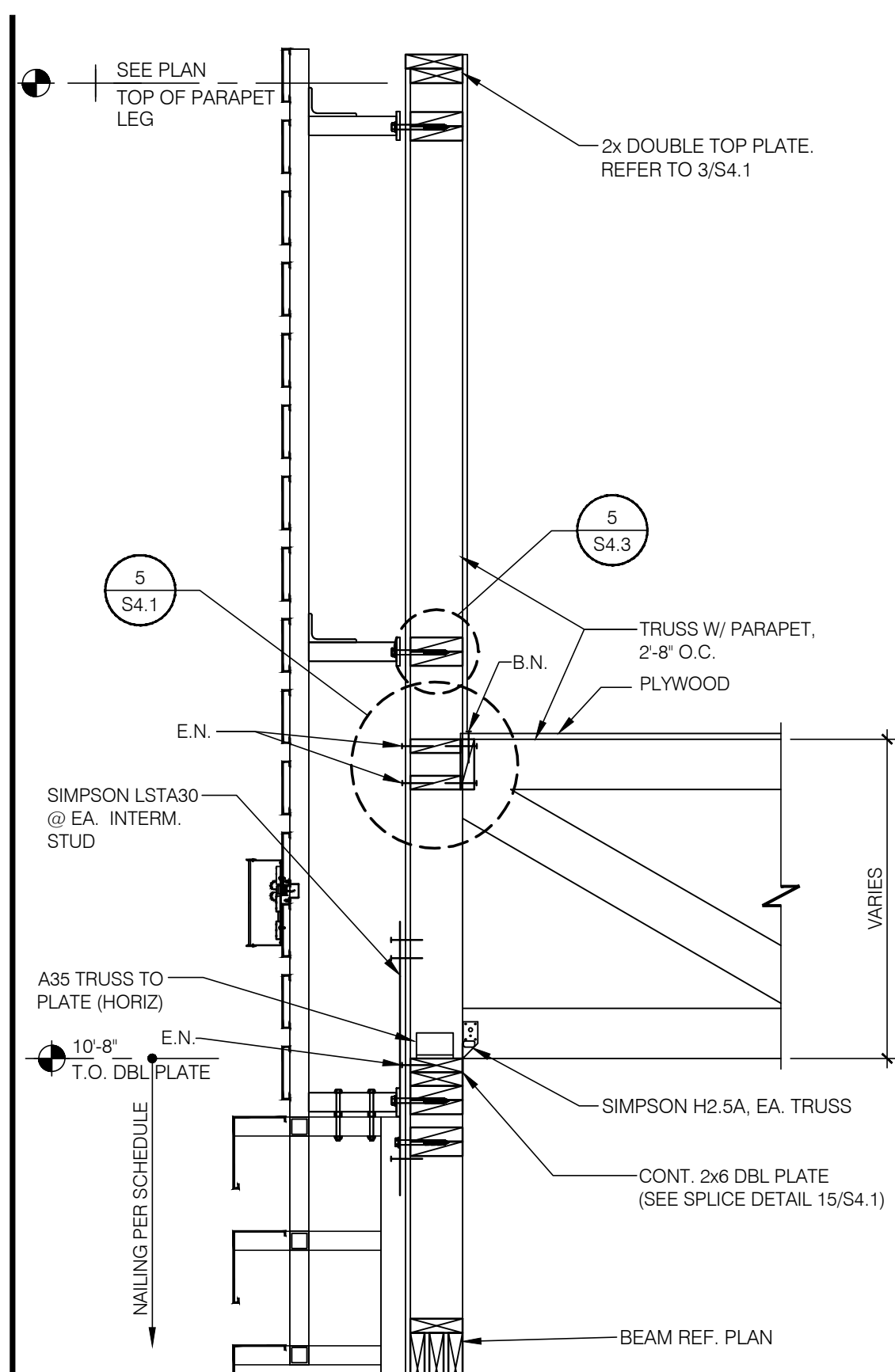


NOTE:
 HANGERS SHALL BE 'SIMPSON' STANDARD 'U' @ ROOF. DBL. JOIST OR RAFTERS SHALL BE JOINED TOGETHER AS FOLLOWS:
 1. 10' OR LESS NOM. DEPTH - 16d @ 12" O.C. STAGGERED
 2. MORE THAN 10' - (2)16d @ 12" O.C.

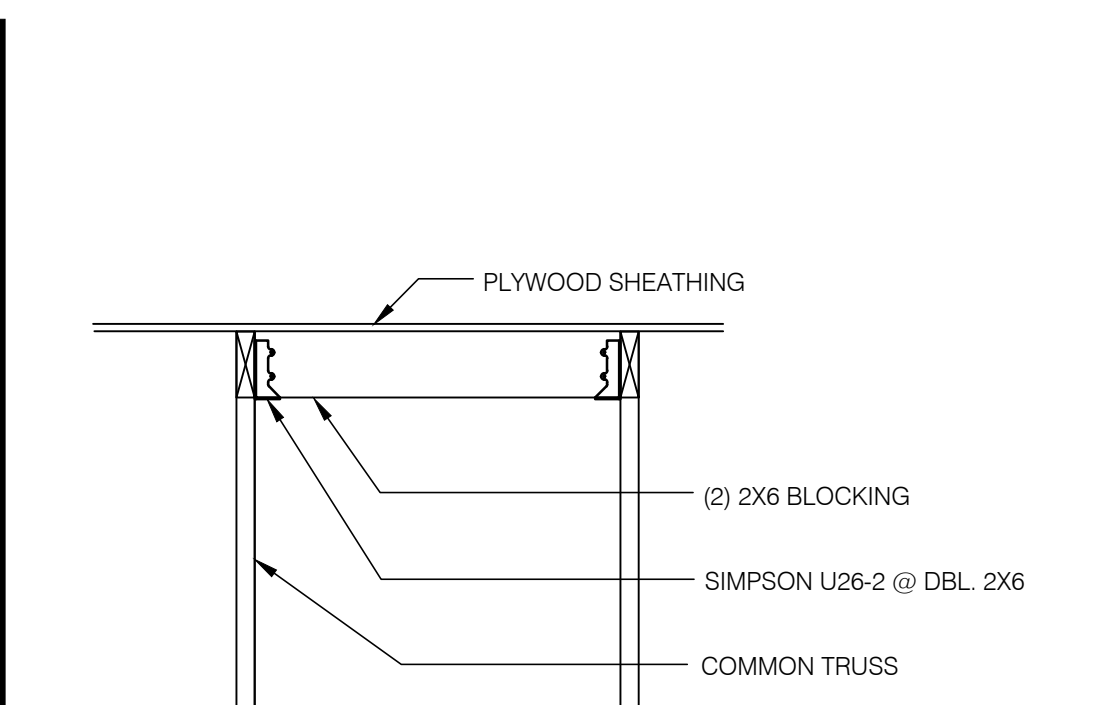
TYPICAL ROOF OPENING 1" = 1'-0" **3**



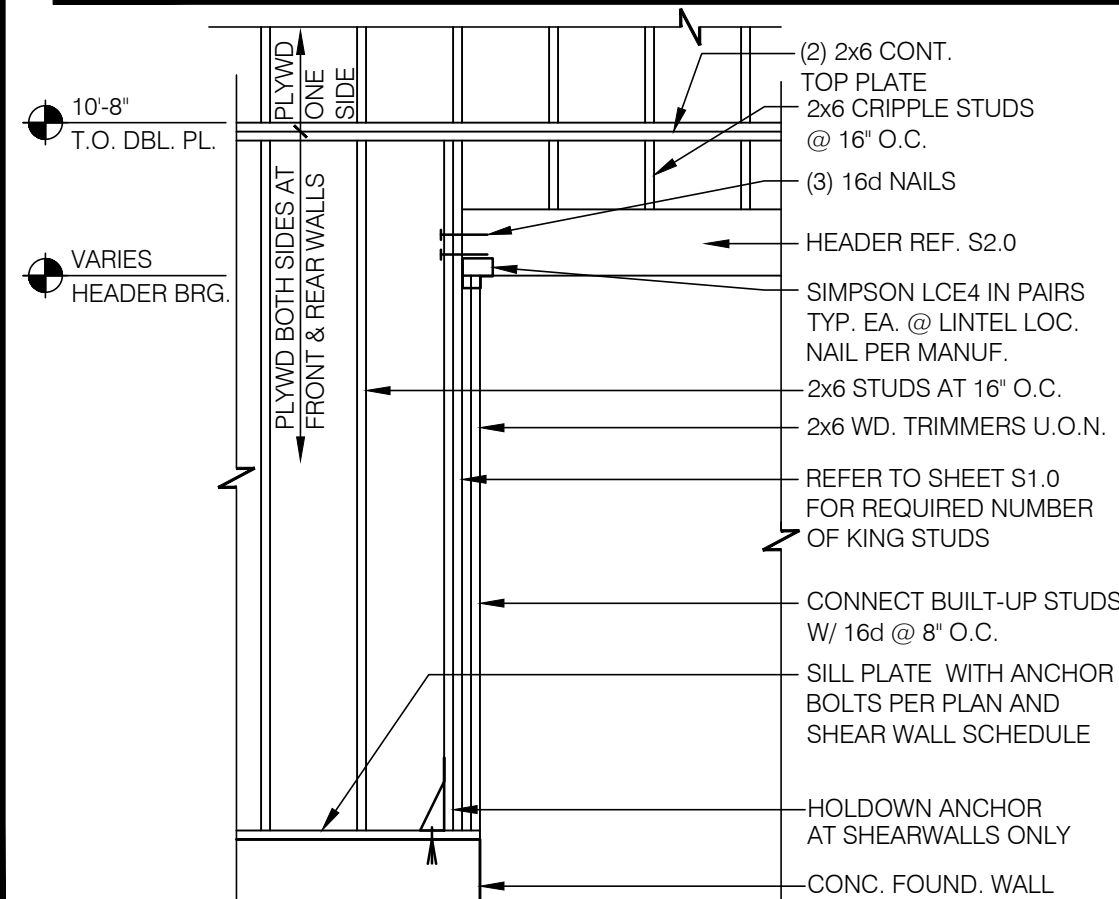
SIDEWALL AT DRIVE-THRU N.T.S. **20**



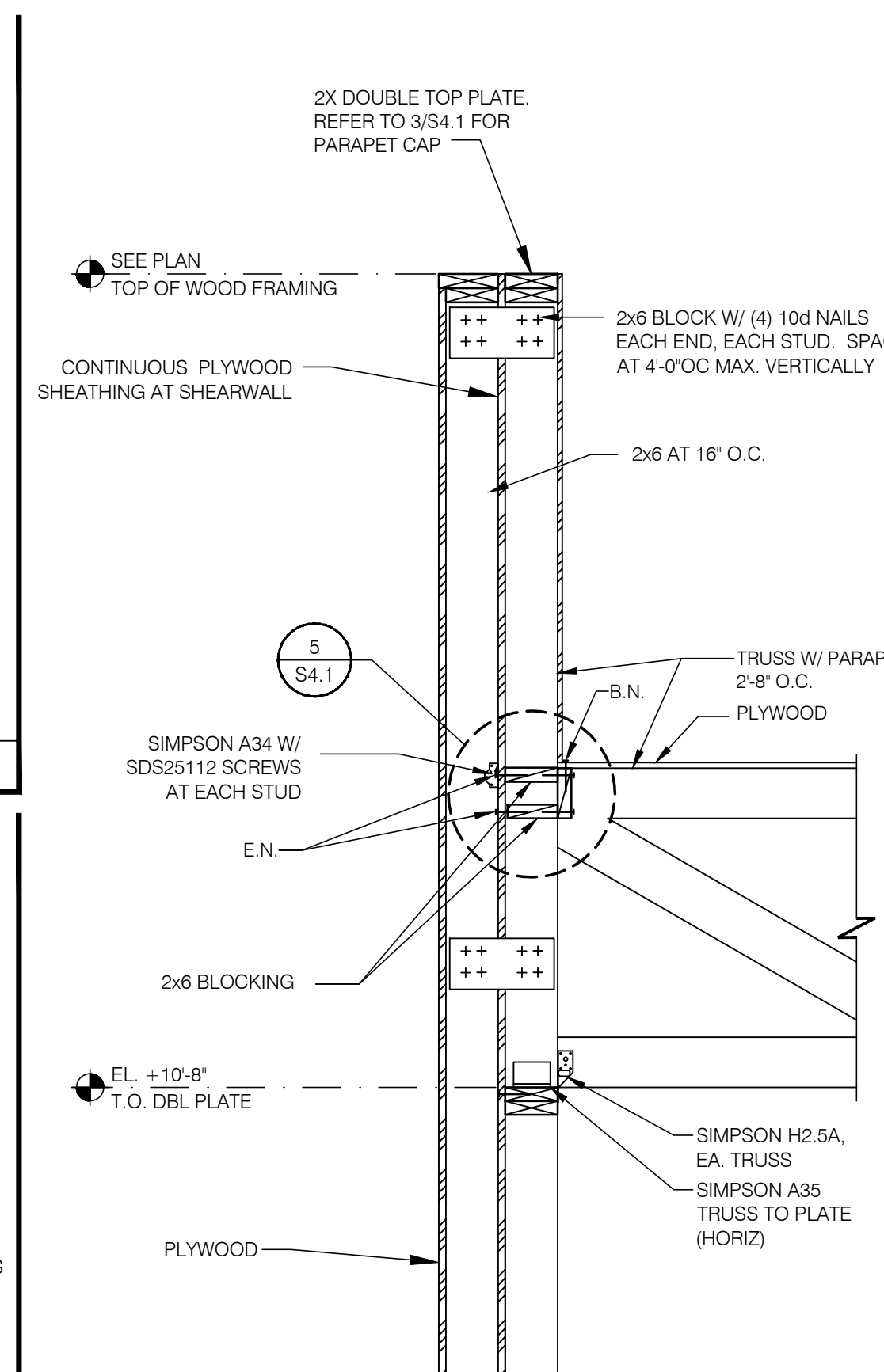
SIDEWALL AT DINING 3/4" = 1'-0" **16**



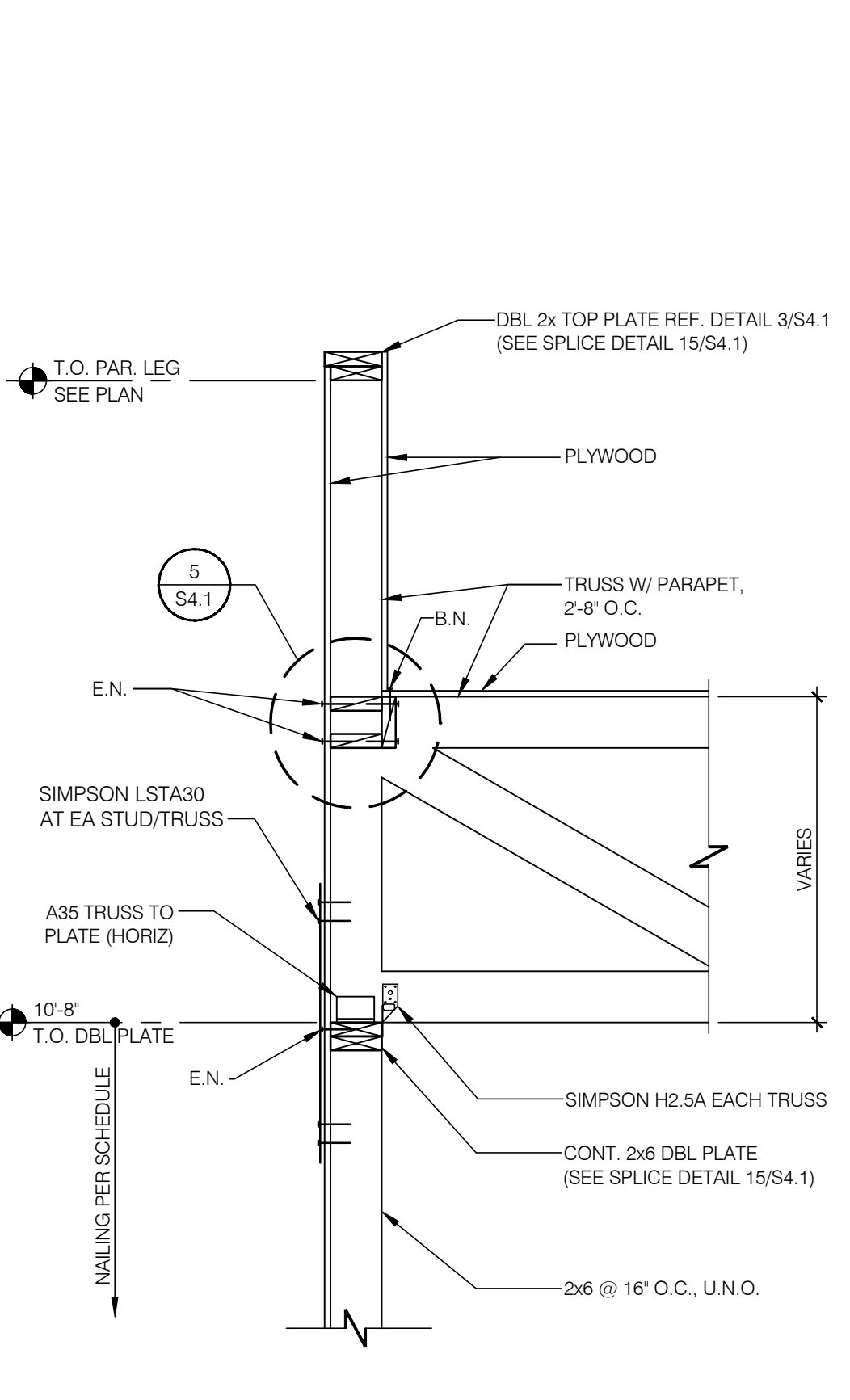
ROOF OPENING DETAIL N.T.S. **11**



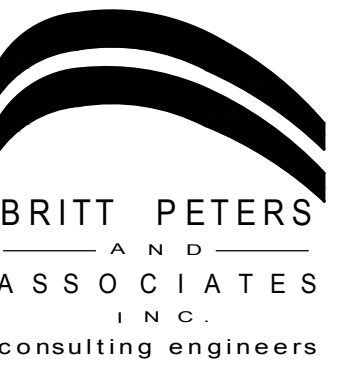
FRAMING ELEVATION @ OPENING 3/8" = 1'-0" **12**



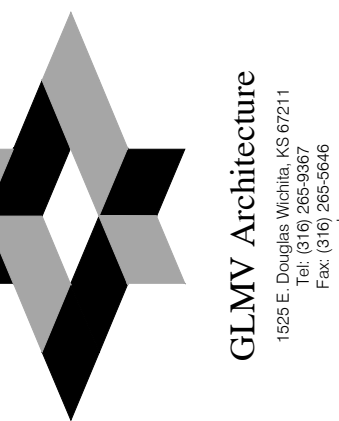
WALL AT REAR TOWER 3/4" = 1'-0" **8**



SIDE WALL @ TRUSS N.T.S. **4**



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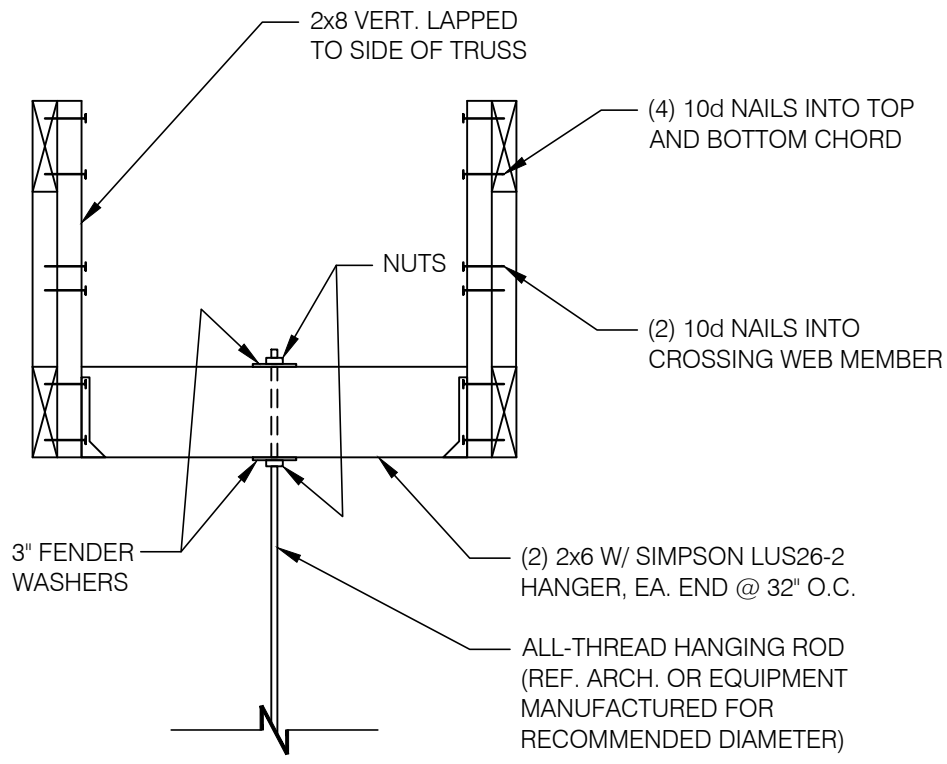
1300 HOLTON LANE
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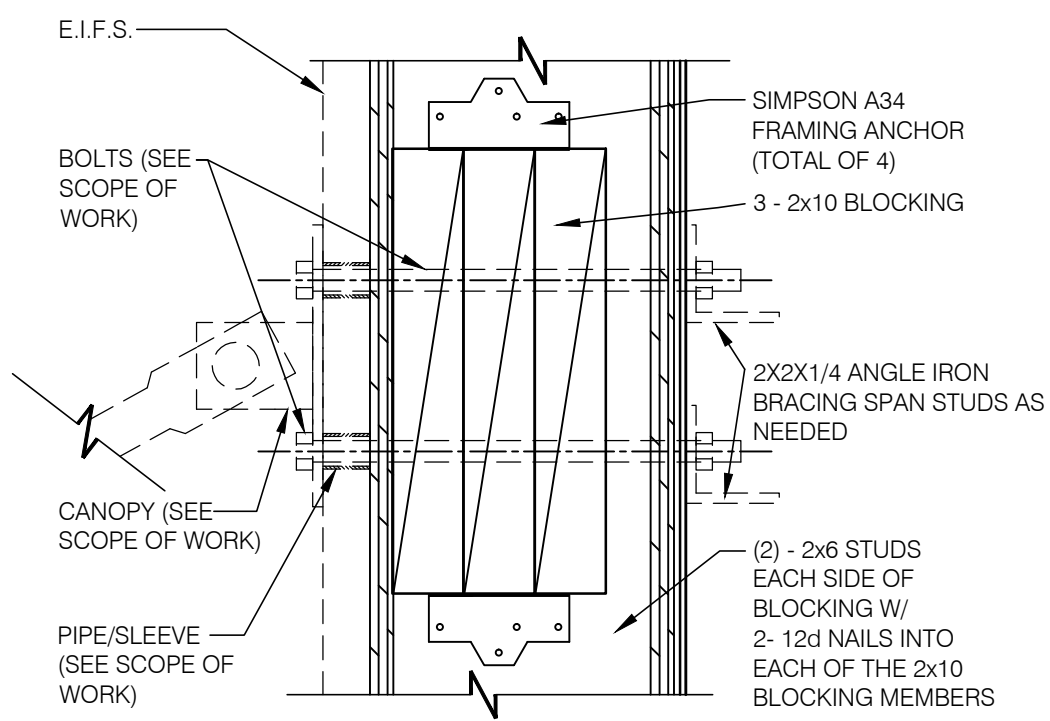
STRUCTURAL DETAILS

S4.2

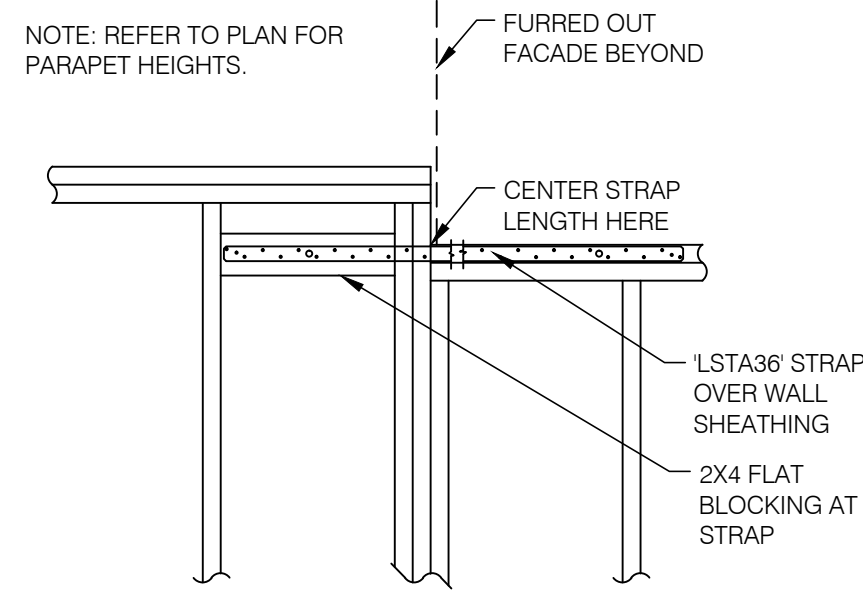
PLOT DATE: 1-05-16



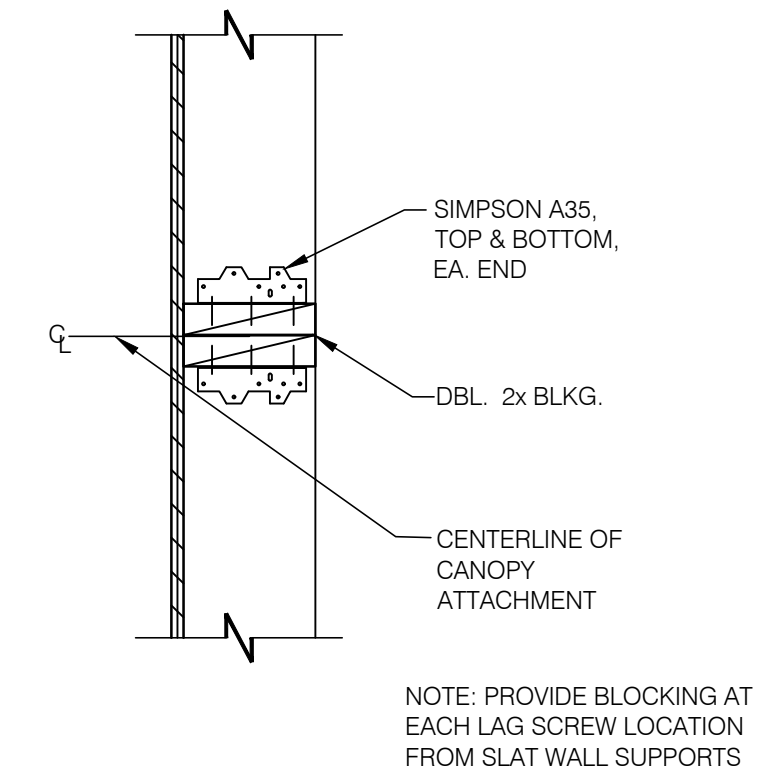
HANGING BULKHD. OR HOOD DETL. N.T.S. **17**



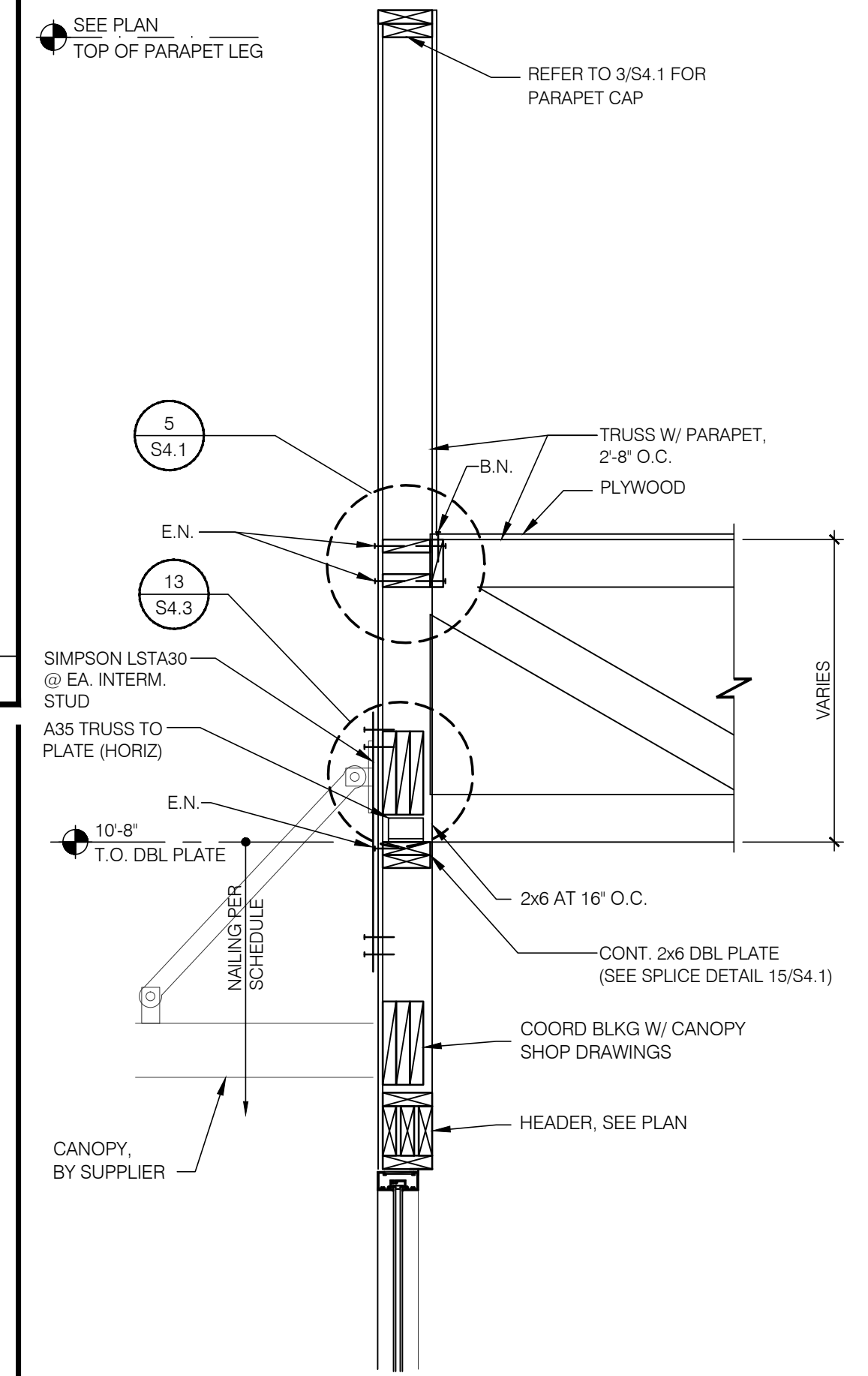
TIE-ROD BLOCKING 3/4" = 1'-0" **13**



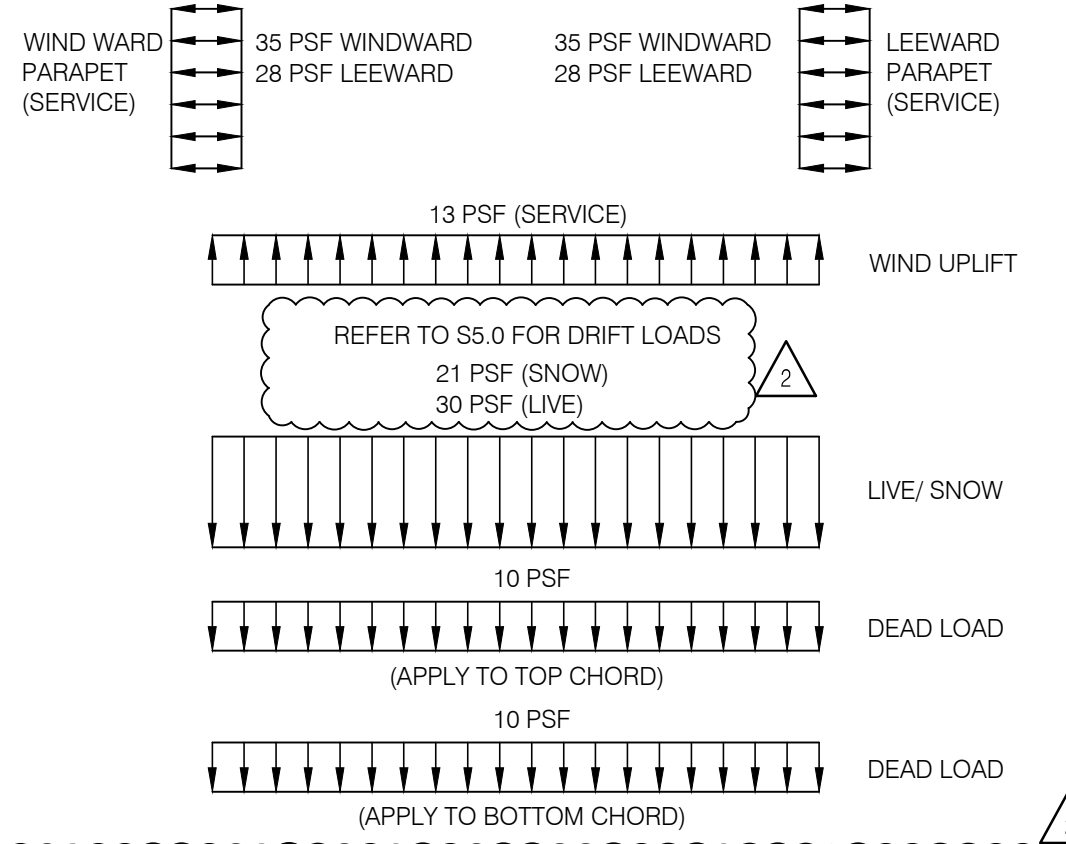
STRAP AT PARAPET HEIGHT TRANS. N.T.S. **9**



SLAT WALL BLOCKING 1-1/2" = 1'-0" **5**



D/T WALL SECTION 3/4" = 1'-0" **2**



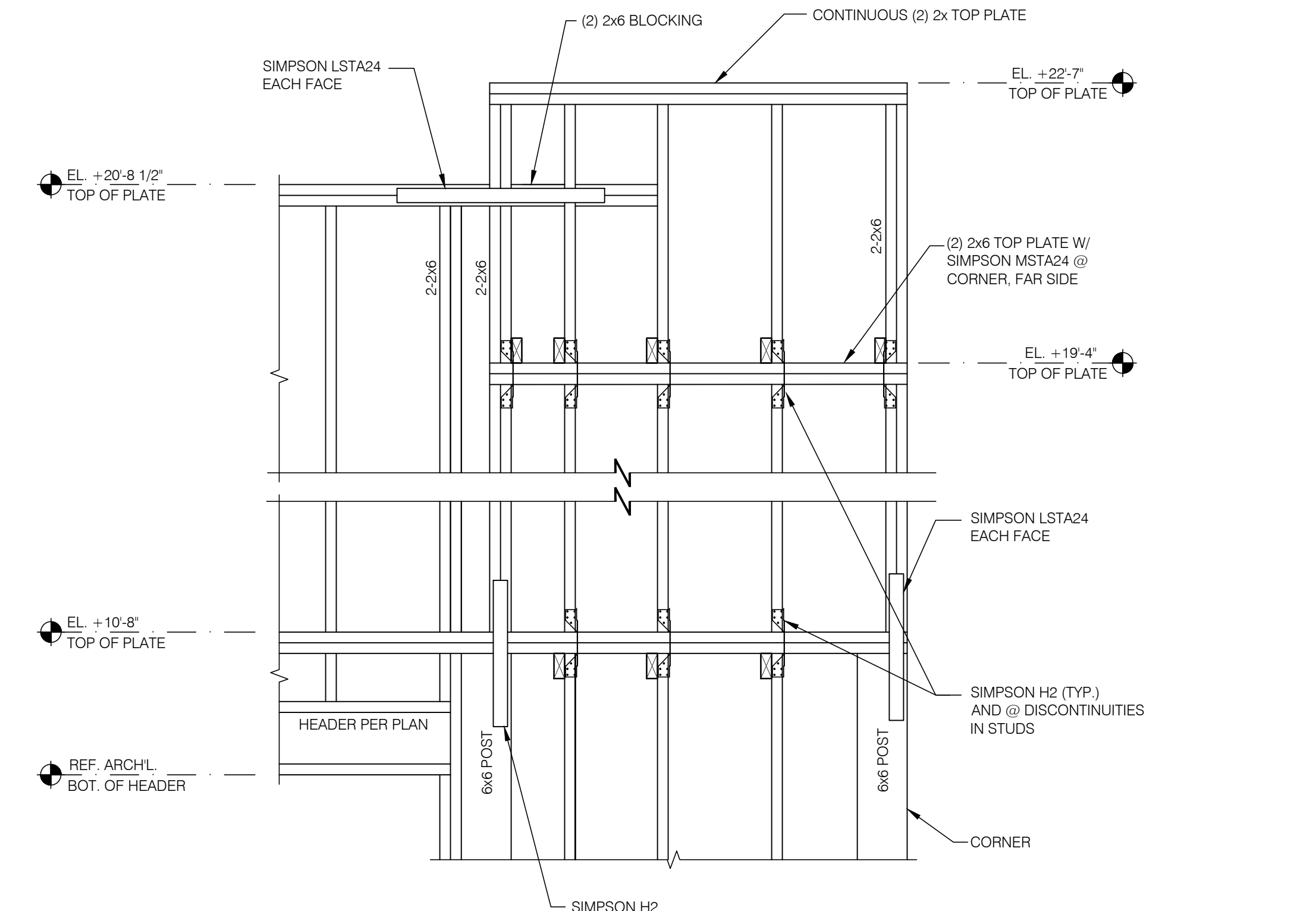
NOTE: ALSO, APPLY ROOF TOP AND SUSPENDED POINT LOADS. WEIGHT AND LOCATION OF UNITS AS NOTED ARE SHOWN ON S4.1 AND S3.0 AND ARE NOT INCLUDED IN THE ABOVE LOADING DIAGRAM. VERIFY THESE LOADS WITH MECHANICAL SUPPLIER BEFORE DESIGNING TRUSS.

TRUSS DESIGN CRITERIA N.T.S. **18**

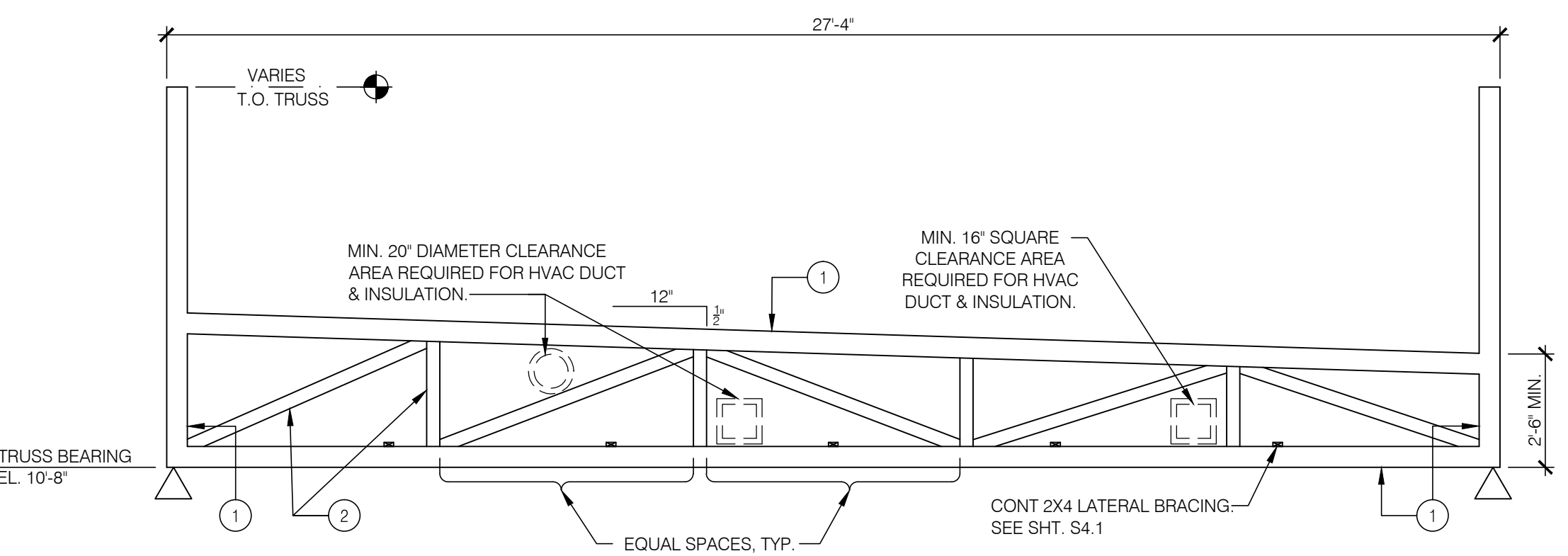
TRUSS TYPES	SINGLE TRUSS DESIGNATION	DOUBLE TRUSS DESIGNATION	BEARING POINT	COMMENTS
T#	X	XX	▲	SEE NOTE 1.

- NOTES:
- HOLDOWN CONNECTORS SHALL BE SPECIFIED BY SITE SPECIFIC ARCHITECT/ENGINEER BASED UPON LOADING DATA PROVIDED BY TRUSS DESIGNER.
 - PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION.
 - TRUSS MEMBER SIZES ARE FOR REFERENCE ONLY. ACTUAL SIZE SHALL BE DETERMINED BY TRUSS MANUFACTURER BASED ON ACTUAL LOAD CONDITIONS AND CODES.
 - * D' DENOTES DRAG TRUSS FOR LATERAL FORCE RESISTING SYSTEM.

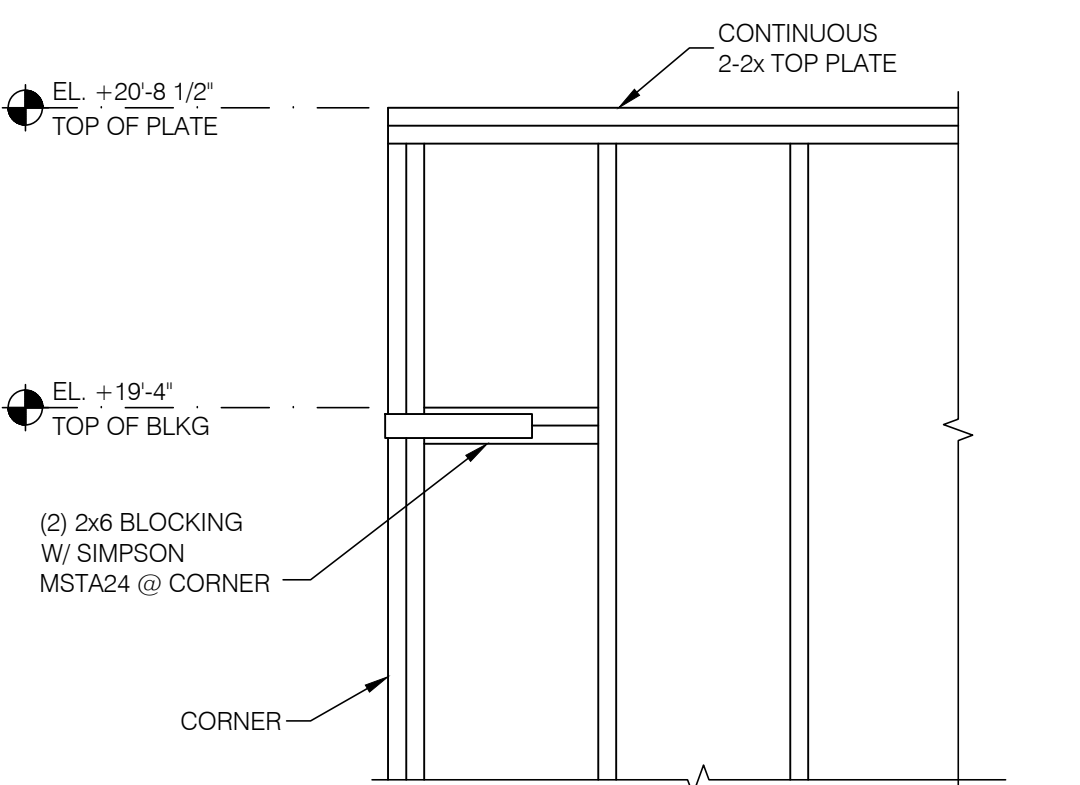
TRUSS SCHEDULE N.T.S. **19**



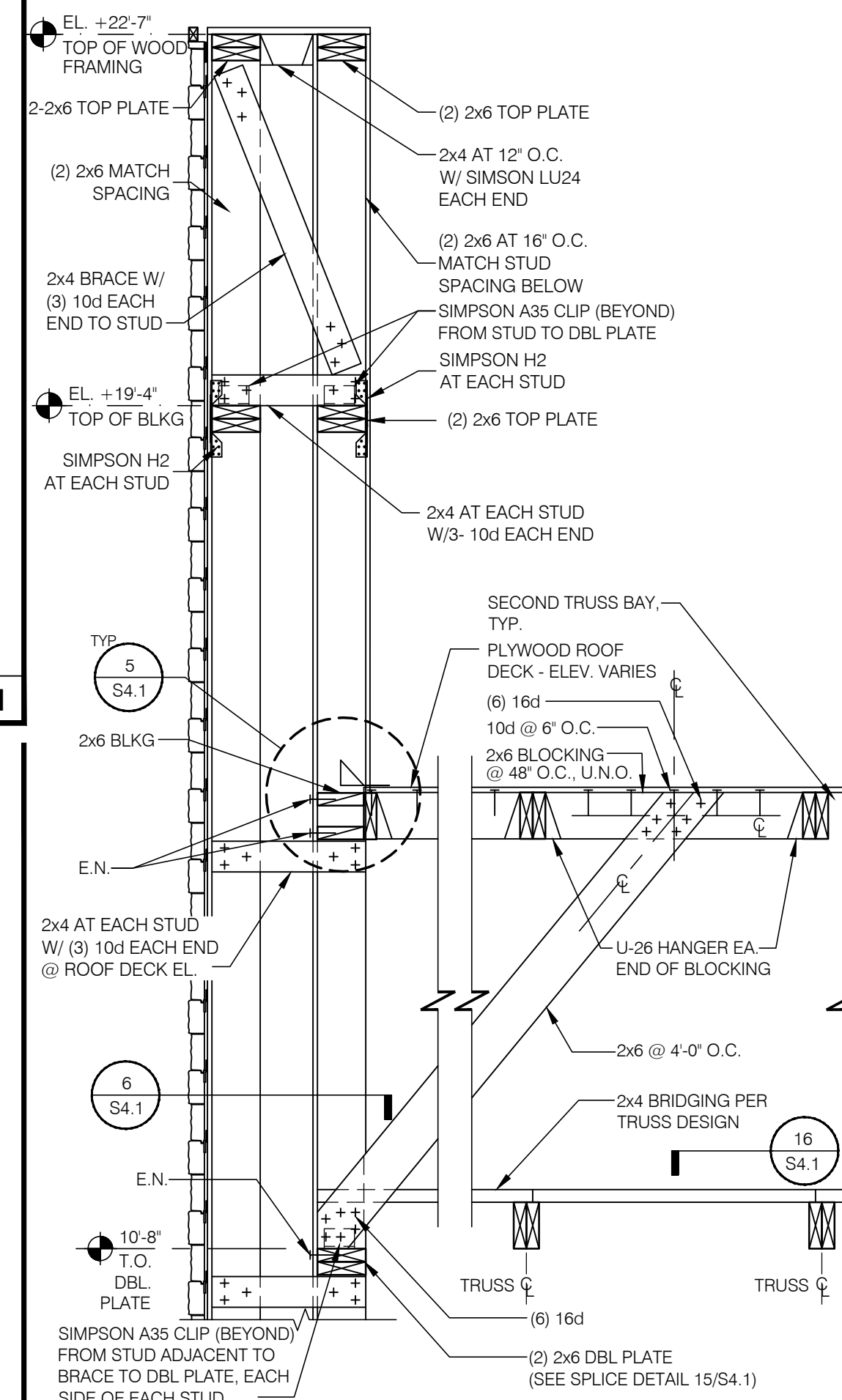
FRONT WALL AT TOWER 3/4" = 1'-0" **11**



TRUSS ELEVATION 1/4" = 1'-0" **16**



FRONT WALL AT CORNER 3/4" = 1'-0" **12**



TOWER WALL 3/4" = 1'-0" **8**

NOT USED N.T.S. **6**

NOT USED N/A **4**

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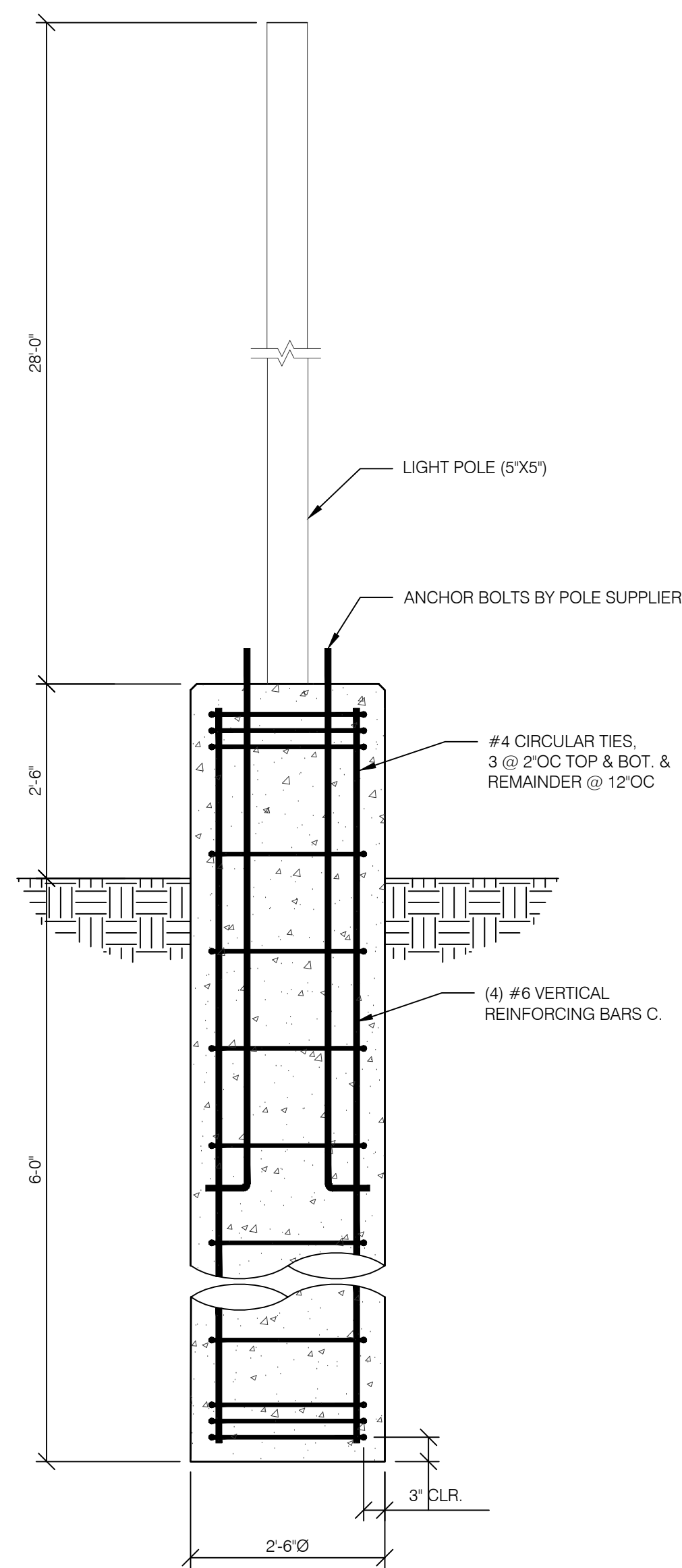
1300 HOLTON LANE
TAKOMA PARK, MD 20912

LIVE MAS
MEDIUM40 - MODIFIED

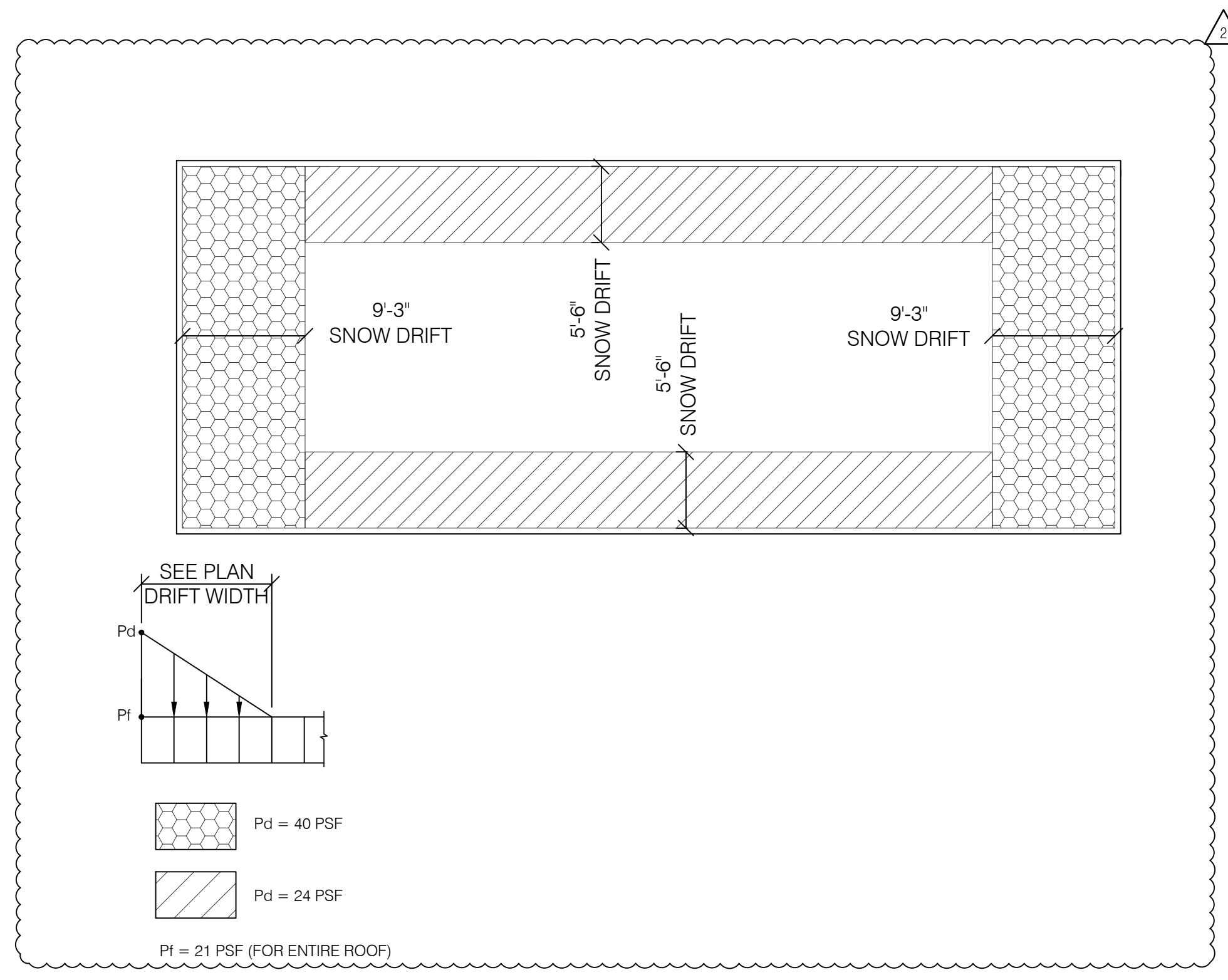
STRUCTURAL DETAILS

S4.3

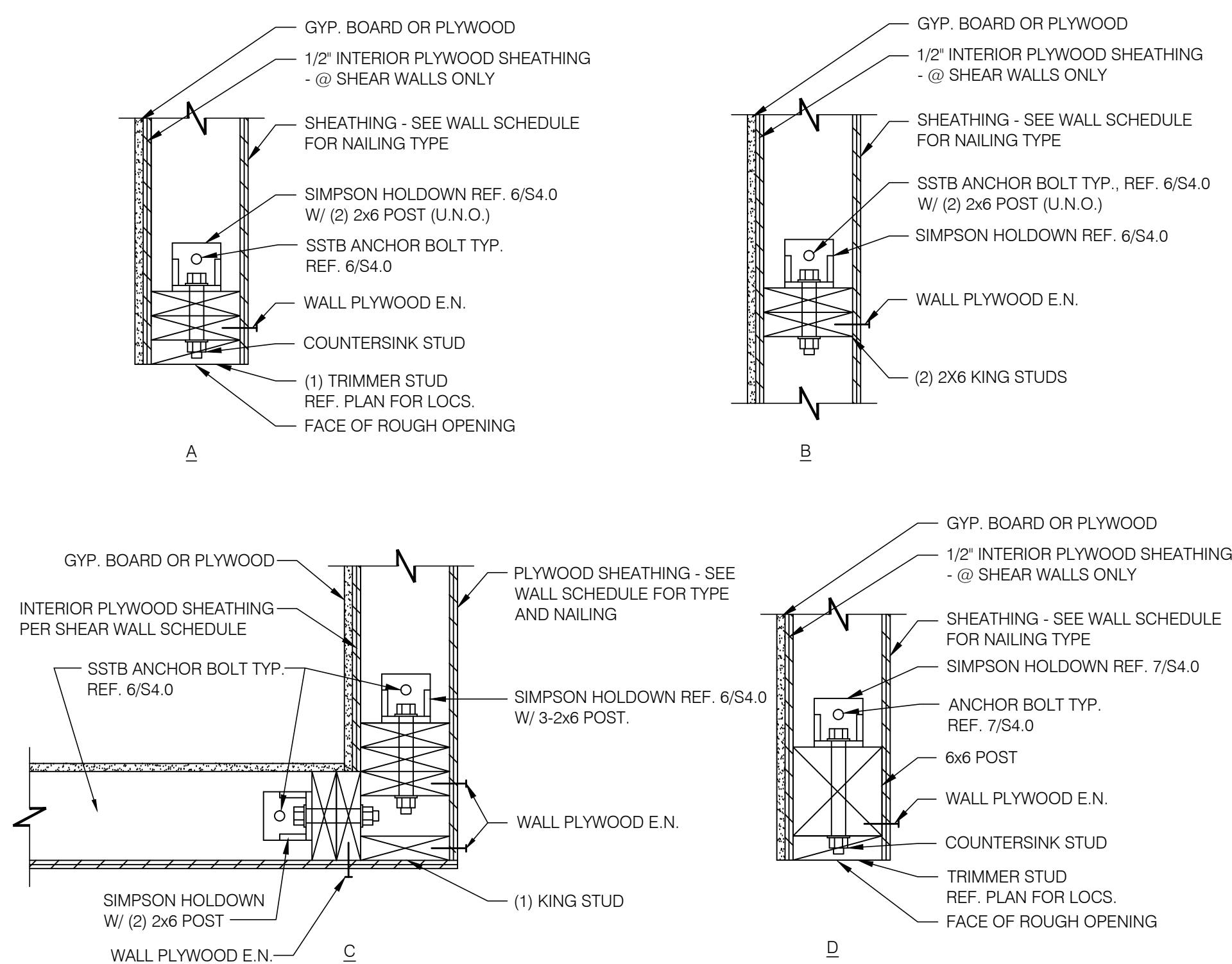
PLOT DATE: 4-08-16



LIGHT POLE BASE DETAIL 3/4" = 1'-0" **20**



SNOW DRIFT LOADING DIAGRAM N.T.S. **10**



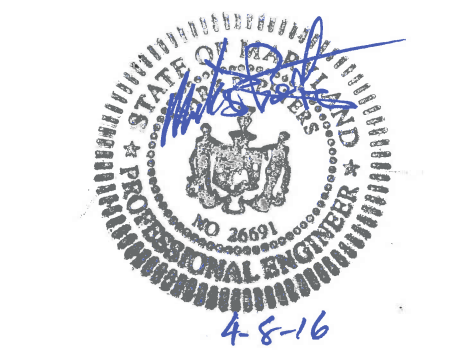
HOLDOWN DETAILS 1 1/2" = 1'-0" **12**

REQUIRED VERIFICATION AND INSPECTION					
	INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCED STANDARD	IBC REFERENCE
		CONTINUOUS	PERIODIC		
CONCRETE	1. INSPECTION OF REINFORCED STEEL, AND PLACEMENT	—	X	ACI 318: 20, 25.2, 25.3, 26.6.1–26.6.3	1908.4
	3. INSPECTION OF ANCHORS CAST IN CONCRETE	—	X	ACI 318: 17.8.2	—
	4. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE	—	X	ACI 318: 17.8.2.4	—
	5. VERIFY USE OF REQUIRED DESIGN MIX	—	X	ACI 318: Ch.19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
	6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF CONCRETE	X	—	ASTM C 172, ASTM C 31, ACI 318: 26.4, 26.12	1908.10
	8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	—	X	ACI 318: 26.5.3–26.5.5	1908.9
SOIL	1. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	—	X	—	1705.6
	2. PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS	—	X	—	1705.6
	3. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL	X	—	—	1705.6
	4. PRIOR TO PLACEMENT OF CONTROLLED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	—	X	—	1705.6
WOOD	1. WOOD MEMBERS	—	X	N.D.S. SPECIFICATIONS	—
	2. WALL AND ROOF SHEATHING	—	X	N.D.S. SPECIFICATIONS	—
	3. NAILING	—	X	N.D.S. SPECIFICATIONS	—
	4. FOUNDATION ANCHORS	—	X	N.D.S. SPECIFICATIONS	—
	5. SHEAR & ROOF DIAPHRAGM NAILING	—	X	N.D.S. SPECIFICATIONS	—
	6. ROOF TRUSSES	—	X	N.D.S. SPECIFICATIONS	—
	7. METAL CONNECTIONS	—	X	N.D.S. SPECIFICATIONS	—

SPECIAL INSPECTION REQUIREMENTS

- CHAPTER 17 OF THE IBC, REQUIRES THAT THE OWNER EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTIONS LISTED IN THE TABLE ON THIS SHEET. SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS AND A REPORT SHALL BE FURNISHED TO THE BUILDING OFFICIAL AND THE APPROPRIATE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. UPON COMPLETION OF ALL SPECIAL INSPECTIONS, A FINAL REPORT DOCUMENTING THE REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL.
- CONTRACTOR SHALL SUBMIT WRITTEN STATEMENT OF RESPONSIBILITY ACCORDING TO THE REQUIREMENTS LISTED IN SECTIONS 1704 OF THE IBC TO THE BUILDING OFFICIAL, OWNER, AND ENGINEER OF RECORD.
- ALL STRUCTURAL COMPONENTS AND STRUCTURAL SYSTEMS SHALL BE TESTED AND INSPECTED ACCORDING TO THE APPROPRIATE CODE SPECIFICATIONS LISTED IN THE TABLE ON THIS SHEET.
- SPECIAL INSPECTIONS NOTED AS "PERIODIC" SHALL REQUIRE PART-TIME OR INTERMITTENT OBSERVATION OF WORK BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK.
- SPECIAL INSPECTIONS NOTED AS "CONTINUOUS" SHALL REQUIRE FULL-TIME OBSERVATION OF WORK BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED.

SPECIAL INSPECTIONS N.T.S. **4**



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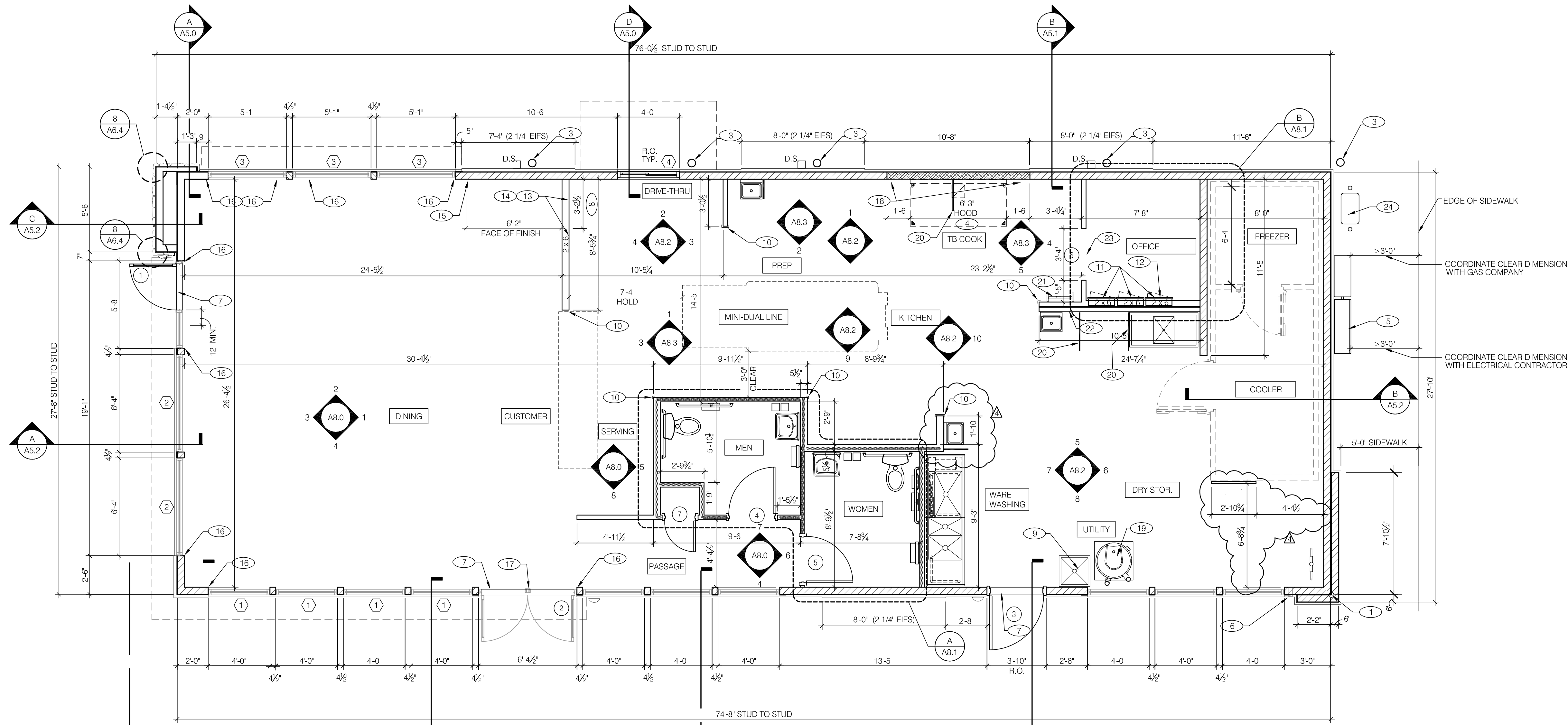
1300 HOLTON LANE
TAKOMA PARK, MD 20912



MISC. DETAILS & SPECIAL INSPECTION

\$5.0

PLOT DATE: 4-08-16

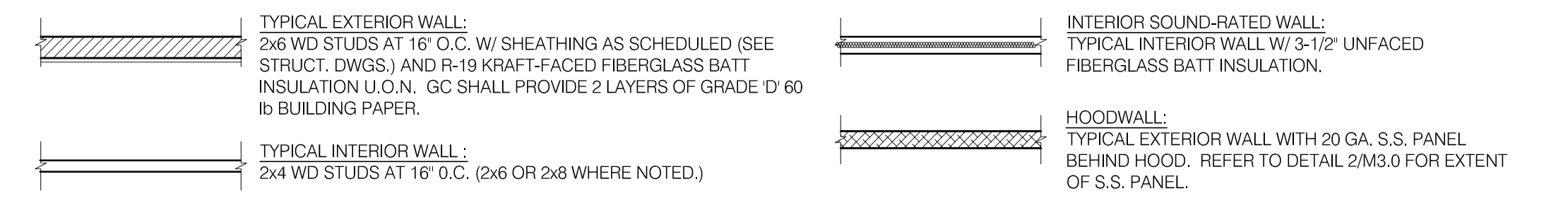


NOTE: MECHANICAL ACTIVATION FOR HOOD SUPPRESSION SYSTEM SHALL BE PROVIDED IN PATH OF EGRESS AND SHALL IDENTIFY HAZARD PROTECTED. MANUAL ACTUATION DEVICE SHALL BE LOCATED A MINIMUM OF 10 FEET AND A MAXIMUM OF 20 FEET FROM THE KITCHEN EXHAUST SYSTEM. MANUAL ACTUATION DEVICE SHALL BE MOUNTED BETWEEN 42 INCHES AND 48 INCHES ABOVE THE FINISHED FLOOR. IBC 904.12.1 NFPA 96, 10.5.1 ALTERNATE AGENT SUPPRESSION SYSTEMS SHALL COMPLY WITH IBC SECTION 904, NFPA 101 SECTION 9.7 AND EXECUTIVE REGULATION 19-13. SUBMIT PLANS FOR REVIEW AND OBTAIN A SEPARATE FIRE PROTECTION SYSTEM PERMIT PRIOR TO A NEW INSTALLATION OR ALTERATION. (COMMERCIAL COOKING SYSTEMS SHALL COMPLY WITH 904.12 AND MANUAL SYSTEMS SHALL COMPLY WITH 904.12.1)

WALK IN COOLER & FREEZER: IN NON SPRINKLERED BUILDING, FOAM PLASTIC HAVING A THICKNESS OF 4" OR LESS AND A MAXIMUM FLAME SPREAD INDEX OF 75 IS PERMITTED WHERE THE FLOOR AREA OF WALK-IN COOLER DOES NOT EXCEED 400 SQUARE FEET AND THE FOAM PLASTIC IS COVERED BY A METAL FACING NOT LESS THAN 0.032-INCH THICK ALUMINUM OR CORROSION RESISTANT STEEL HAVING A MINIMUM BASE METAL THICKNESS OF 0.016-INCH. PROVIDE DOCUMENTATION TO INSPECTOR THAT WALK-IN COOLER ASSEMBLY MEETS THE MINIMUM CHARACTERISTICS. IBC 2603.4.1.3

ROUGH OPENINGS ARE NOT NECESSARILY TO STUD. SEE DETAILS ON SHEET A6.1 FOR R.O. LOCATIONS.

FLOOR PLAN 1/4"=1'-0" **A**



WALL SUBSTRATES:
 - DINING ROOM:
 1/2" GYPSUM WALLBOARD FROM T.O. CURB TO 6" ABOVE CEILING HEIGHT U.O.N. SEE 6, 8 & 16 / A6.3. (NOTE: THE CEMENT BOARD SPECIFICATION IS DESIGNED TO ALLOW THE G.C. FLEXIBILITY.)
 - KITCHEN WALLS AND DINING ROOM CLOSET:
 1/2" CEMENT WALLBOARD FROM T.O. SLAB WITH 1/2" CDX PLYWOOD W/FRP SURFACE FINISH TO 6" ABOVE CEILING HEIGHT U.O.N. IF DOUBLE SIDED SHEAR WALL PLYWOOD IS SPECIFIED THE PLYWOOD SHALL BE CONTINUOUS FROM SILL PLATE TO TOP PLATE. SEE 4, 11 & 20 / A6.3.
 - RESTROOM WALLS:
 5/8" CEMENT WALLBOARD FROM T.O. SLAB OR T.O. CONCRETE CURB TO 48" A.F.F. WITH 5/8" HI-IMPACT BRAND XP WALLBOARD, TYPE X CORE FROM T.O. CEMENT BOARD TO 6" ABOVE CEILING HEIGHT U.O.N.. NO SUBSTITUTIONS ALLOWED. FINISH AS SCHEDULED. SEE 11 (SM), 12 / A6.3.
 - ALL OTHER FRAME WALL CONDITIONS:
 1/2" CEMENT WALLBOARD FROM T.O. SLAB OR T.O. CONCRETE CURB TO 48" A.F.F., WITH 1/2" GYPSUM WALLBOARD FROM T.O. CEMENT BOARD TO 6" ABOVE CEILING HEIGHT U.O.N. FINISH AS SCHEDULED.

WALL LEGEND **E**

DIMENSIONS:
 A. ALL DIMENSIONS ARE TO FACE OF STUD U.O.N. REFER TO FOUNDATION PLAN FOR FACE OF CONC. DIMENSIONS.
 B. DIMENSIONS NOTED AS "CLEAR" OR "HOLD" ARE MIN. REOD. NET CLEARANCE FROM FACE OF WALL / WAINSCOT FINISH. VERIFY FINAL EQUIPMENT SIZES W/ VENDOR PRIOR TO INT. WALL FRAMING.
WINDOWS / DOORS:
 A. SEE SHT. A1.1 FOR WINDOW TYPES AND DOOR SCHEDULE.
 B. ALL DOOR AND WINDOW OPENING DIMENSIONS ARE TO ROUGH OPENING.
FINISH SUBSTRATES:
 A. PROVIDE 1/2" THICK CEMENTITIOUS BD. FROM FLOOR SLAB TO 12" A.F.F. MIN. IN LIEU OF GYP. BD. AT ALL WALLS EXCEPT SHEARWALL SURFACES. U.O.N.
 B. ALL JOINTS, GAPS OR SPACES LEADING TO ALL HOLLOW OR INACCESSIBLE SPACES SHALL BE SEALED WITH NSF INTERNATIONAL APPROVED SEALANTS.
 C. ALL BACK OF HOUSE AND OFFICE WALLS SHALL HAVE 1/2" CDX PLYWOOD SUBSTRATE. U.O.N.
DECOR:
 A. SEE A2.0 FOR SEATING PLAN AND DETAILS.
 B. SEE A7.0 FOR FLOOR FINISHES.
 C. SEE A8.0 - A8.3 FOR WALL FINISHES.
 D. SEE A7.1 FOR CEILING FINISHES.
GENERAL:
 A. PROVIDE FOUR FIRE EXTINGUISHERS - (2) 10 lb. BC and (1) 10 lb. ABC and (1) 10 lb. TYPE K - TO COMPLY WITH LOCAL FIRE CODE. LOCATE PER DIRECTION OF FIRE MARSHALL OR LOCAL AUTHORIZING AGENT.
 B. DRAWINGS ARE BASED UPON WOOD FRAMING. UTILIZATION OF METAL STUDS ON NON-BEARING INTERIOR PARTITIONS, BULKHEADS AND SOFFITS IS ACCEPTABLE.
 C. ALL ATTACHMENTS MADE THROUGH E.I.F.S. SHALL BE BUSHED TO PREVENT DAMAGE TO THE FINISH. PER 9/A6.2.
 D. ALL PENETRATIONS THROUGH E.I.F.S. SHALL BE SEALED USING MFRS. APPROVED METHOD.

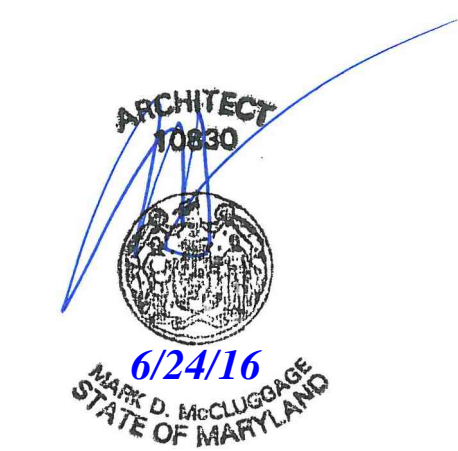
FLOOR PLAN NOTES **D**

- 1 STARTING POINT. ALL SUB-TRADES SHALL USE THIS POINT AS A BEGINNING LAY-OUT (INSIDE FACE OF EXT. WALL STUDS.
- 2 NO FRP BEHIND WALK-IN COOLER/FREEZER.
- 3 PIPE BOLLARD. SEE CIVIL DETAIL.
- 4 HOOD WALL. SEE WALL LEGEND.
- 5 ELECTRICAL MAIN SWITCH BOARD. REFER TO ELECT. DWGS.
- 6 CO2 FILL BOX LOCATION. SEE 5/A6.2.
- 7 TILE TO CONCRETE METAL THRESHOLD.
- 8 KEEP CLEAR FOR UTILITIES & SYRUP LINES. SEE DETAIL 14 & 19/A6.4 FOR STUD LAYOUT REQUIREMENTS.
- 9 MOP SINK. REFER TO SHEET A2.0 & A2.1.
- 10 S.S. CORNER GUARD / WALL CAP, TYP. ALL CORNERS IN BACK-OF-HOUSE FROM REAR WALL TO THE KITCHEN SIDE OF THE SERVICE COUNTER. SEE DETAIL 19/A6.3.
- 11 ELECT. PANELS RECESSED IN 2x6 WALL.
- 12 LIGHTING CONTROL PANEL SURFACE MOUNTED. REFER TO ELECT. DWGS.
- 13 SYRUP LINE CHASE (ABOVE). SEE DETAIL 19/A6.4.
- 14 14"x14" HORIZONTAL OPENING FOR SYRUP TUBES. COORDINATE WALL PENETRATION WITH COUNTER INSTALLER. SEAL CHASE TO COUNTER. SEE 11/A6.4.
- 15 START OF CHAIR RAIL.
- 16 CONTINUE CHAIR RAIL AROUND CORNER TO WINDOW JAMB.
- 17 REMOVABLE MULLION FROM THE INSIDE.
- 18 PROVIDE 5 1/2" METAL STUDS BEHIND HOOD AND 18" TO EACH SIDE
- 19 INDICATES WATER HEATER LOCATION. COMES WITH METAL STAND.
- 20 SPLASH GUARD. SEE DETAIL 9/A6.3. INSTALLATION SHALL BE COORDINATED WITH INSTALLATION OF MOP SINK.
- 21 ROOF LADDER. SEE 7/A6.0.
- 22 ADD SECOND 2X4 WALL ON KITCHEN SIDE.
- 23 CASED OPENING. REFER TO DETAIL 6/A6.4 DOOR OPTIONAL. REFER TO DOOR SCHEDULE ON A1.1 (DOOR #6).
- 24 GAS SERVICE METER. SEE MECH. DRAWINGS.

KEY NOTES **B**



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15025.000

- △ ADDRESS CHANGE
- △ COUNTY COMMENTS 4/7/16
- △ HEALTH DEPT COMMENTS 6/24/16
- △
- △
- △
- △
- △
- △

DATE: JULY 15, 2015
 BUILDING TYPE: MED-40-MOD
 PLAN VERSION: JUNE 2015
 SITE NUMBER: _____
 ENTITY NUMBER: _____

1300 HOLTON LANE
 TAKOMA PARK, MD 20912



FLOOR PLAN
A1.0

PLOT DATE: 6-24-16

- DIMENSIONS ON THIS DWG. ARE TO FRAME EDGE. REFER TO SHEETS A1.0 AND A5 SHEETS FOR ROUGH OPENING DIMENSIONS.
- ENTIRE STOREFRONT SYSTEM SHALL BE DARK BRONZE ANODIZED.
- ALL SPANDREL GLASS SHALL BE DARK BRONZE TO MATCH FRAMES.
- SEE SCHEDULE FOR GLASS TYPES.
- REFER TO FLOOR PLAN, ELEVATIONS AND WALL SECTIONS FOR ROUGH OPENING DIMENSIONS.
- ALL STOREFRONT MATERIAL AND GLAZING SHALL BE SUPPLIED AND INSTALLED BY G.C. U.O.N.

PREFERRED SUPPLIER

INTERIOR DOORS, FRAMES & HARDWARE

LOCKNET
MIKE MOYNAHAN
100 COURCHELLE DRIVE
NICHOLASVILLE, KY 40356
800-887-4307 FAX : 859-887-4958

GLASS SCHEDULE

- | | |
|---------------------------------|---|
| (A) 1" INSULATED GLASS | (D) SAFETY GLASS BY MFR. |
| (B) 1" INSULATED TEMPERED GLASS | (E) SPANDREL GLASS 1" INSULATED REF. A4.0 |
| (C) 1/4" TEMPERED GLASS | |

NOTE:
SHADING COEFFICIENT SPECIFICATION PER LOCAL CODE REQUIREMENTS.
DAYTIME VISIBILITY INTO DINING ROOM SHALL BE MAINTAINED.

**** ALL STOREFRONT GLAZING SHALL BE LOW 'E' SOLAR GLASS ****



NOT USED N.T.S. 10

NOTES N.T.S. 7

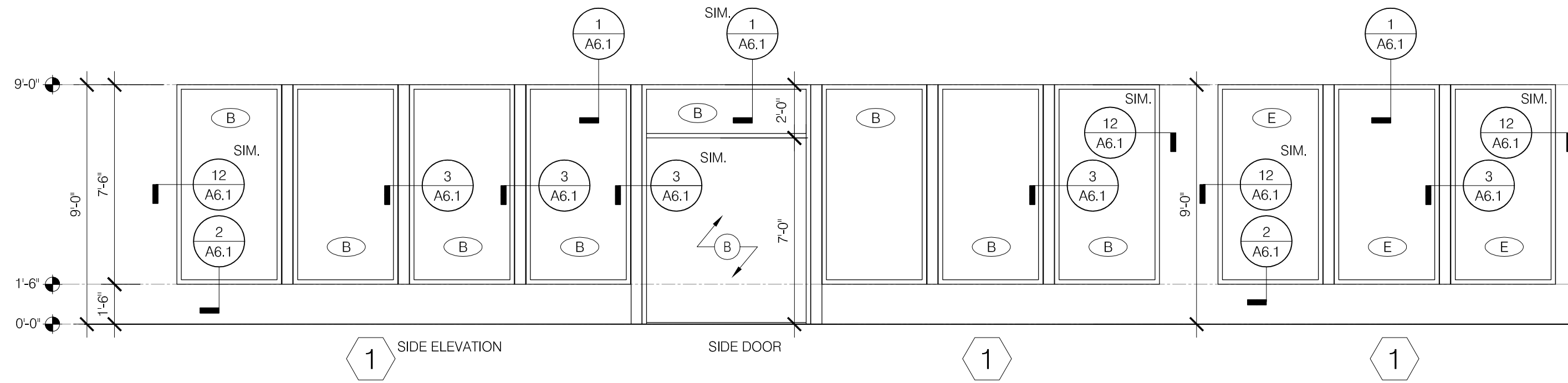
STOREFRONT FRAMING & GLAZING SUPPLIER

OLDCASTLE BUILDING ENVELOPE
PAUL MCKENZIE
913-653-2500

NOTES N.T.S. 4

DOOR SCHEDULE NOTES 1

- LAMINATE DOORS 4, 5, 6 & 7 AND PAINT FRAMES 3, 4, 5, 6 & 7. SEE FINISH SCHEDULE, SHEET A7.2.
- ALL HARDWARE SHALL BE US32D U.O.N.
- ALL HM FRAMES SHALL BE 16 GA STEEL U.O.N.
- ALL LOCKS SHALL BE FALCON 6 PIN INTERCHANGEABLE CORE SUPPLIED AND INSTALLED BY THE G.C. ALL EXTERIOR LOCKS SHALL BE PROVIDED WITH CONSTRUCTION CORES. ALL PERMANENT CORES SHALL BE KEYS ALIKE.
- PERMANENT CORES SHALL BE SHIPPED TO THE RESTAURANT GENERAL MANAGER.
- MOUNT DOOR CLOSERS ON RESTROOM OR KITCHEN SIDE ONLY.
- COMPLETE DOOR, FRAME AND HARDWARE PACKAGE INCLUDING: VISION PANEL (WITH 18 GA. HOLLOW METAL FRAME), CONTINUOUS HINGE, HEAVY DUTY CLOSER, RAIN DRIP, DOOR BOTTOM SWEEP, WEATHERSTRIP, KICKPLATE AND PANIC HARDWARE, ORDERED THRU LOCKNET SECURITY DOORS, PART #DU3670LS2VED (1-800-887-4307).
- PROVIDE PUSH/PULL PLATES.
IF REQUIRED BY LOCAL CODE, STOREFRONT DOOR PANIC HARDWARE SHALL BE :
DOOR-O-MATIC 2092 RIM PANIC HARDWARE AND EXTERIOR PULLS WITH QUALITY #520 DOOR PULL.
- MOUNT KICKPLATE ON PUSH SIDE ONLY.
- MAXIMUM DOOR OPERATING PRESSURE : 5 LBS INTERIOR ; 15 LBS EXTERIOR.
- ADA COMPLIANT ACCESSIBILITY SIGNAGE, INCLUDE BRAILLE AS REQUIRED BY LOCAL JURISDICTION - (1) MEN; (1) WOMEN.
- RESTROOM SIGN REQUIRED.
- INSTALL WITH REMOVABLE DOOR STOPS AND WEATHER STRIPS.
- FRAMES SHALL BE PAINTED.
- RESTROOM PARTITIONS : BOBRICK 1080 SERIES, WITH STAINLESS STL. 1 1/2" WALL POST, LATCH , KEEPER, COAT HOOK (DTL 20/ADA1.0) & MOUNTING BRACKETS. INSTALL PER MANUFACTURERS SPECIFICATIONS & DETAILS. DOOR HANDLE AND LATCH SHALL BE MOUNTED AT 36" A.F.F.
- PROVIDE LATCH AND STRIKE PLATE HARDWARE BY DOOR MFR. TO BE COMPATIBLE WITH LOCKS.
- PANIC HARDWARE OR FIRE EXIT HARDWARE SHALL BE REQUIRED ON ALL DOORS IN THE MEANS OF EGRESS FROM ANY POINT IN THE ROOM OR SPACE CONTINUING THROUGH TO THE PUBLIC WAY.

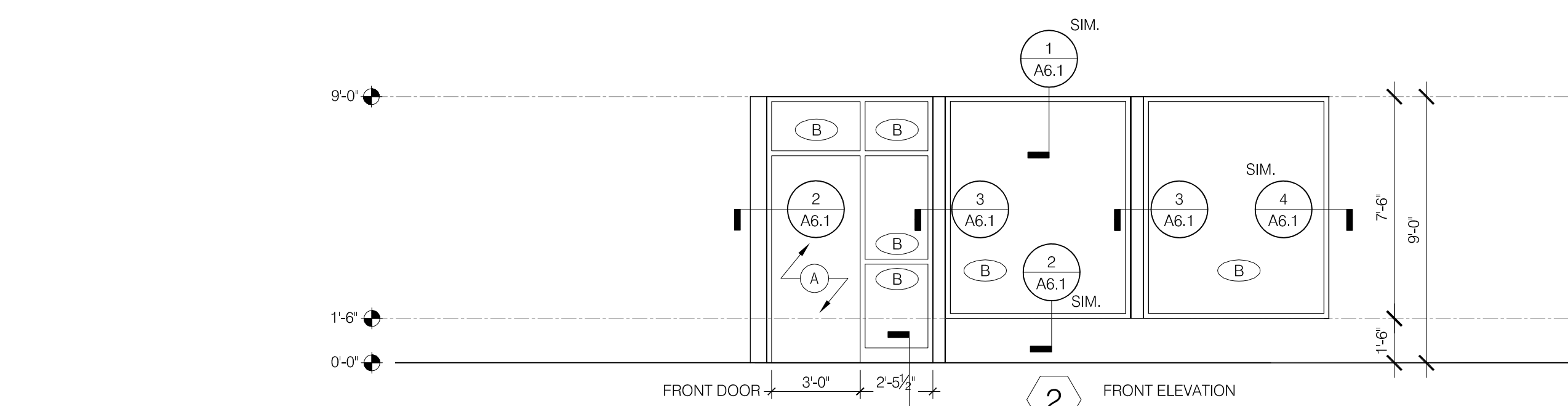


1 SIDE ELEVATION

1 SIDE DOOR

1

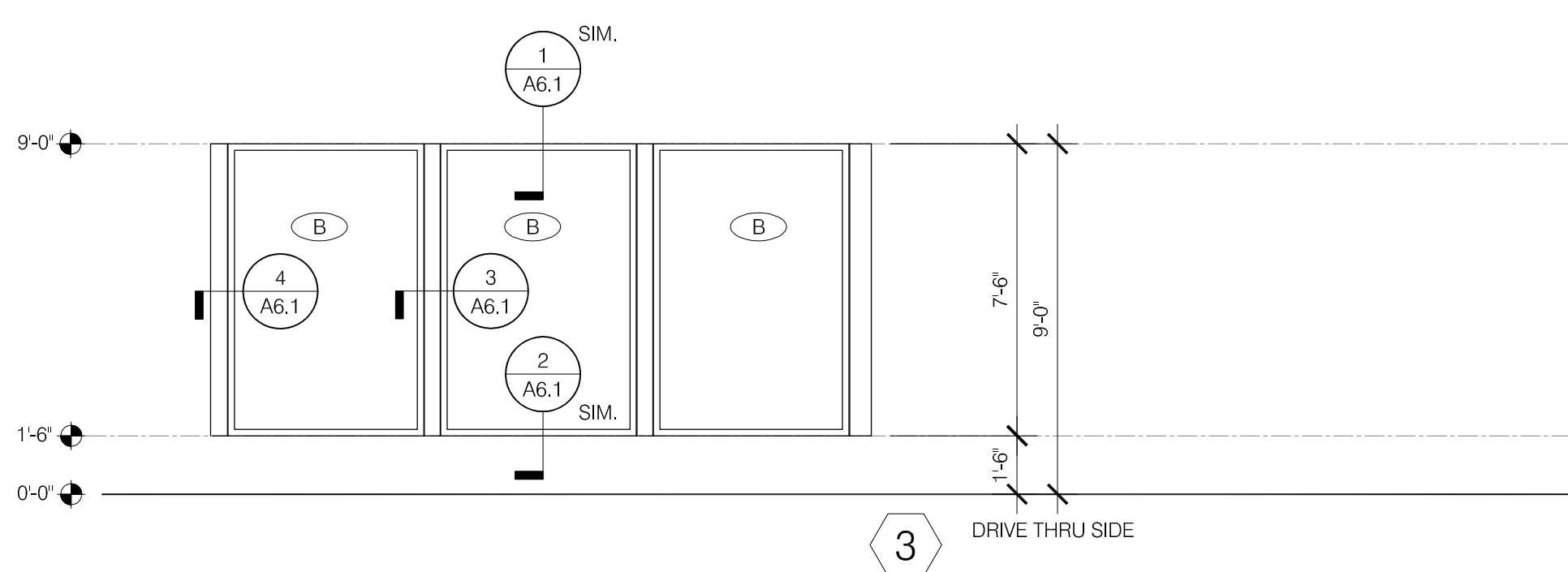
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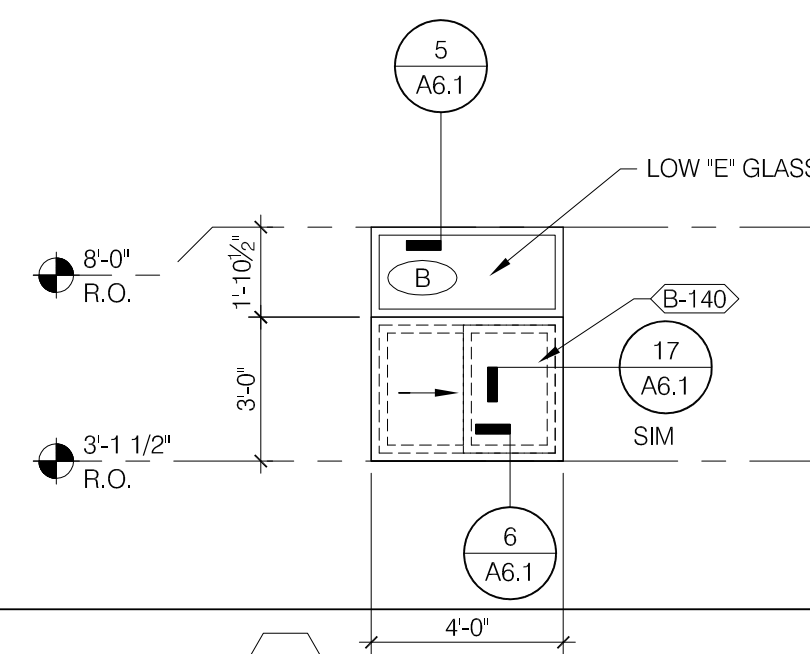
2 FRONT DOOR

2 FRONT ELEVATION

2



3 DRIVE THRU SIDE



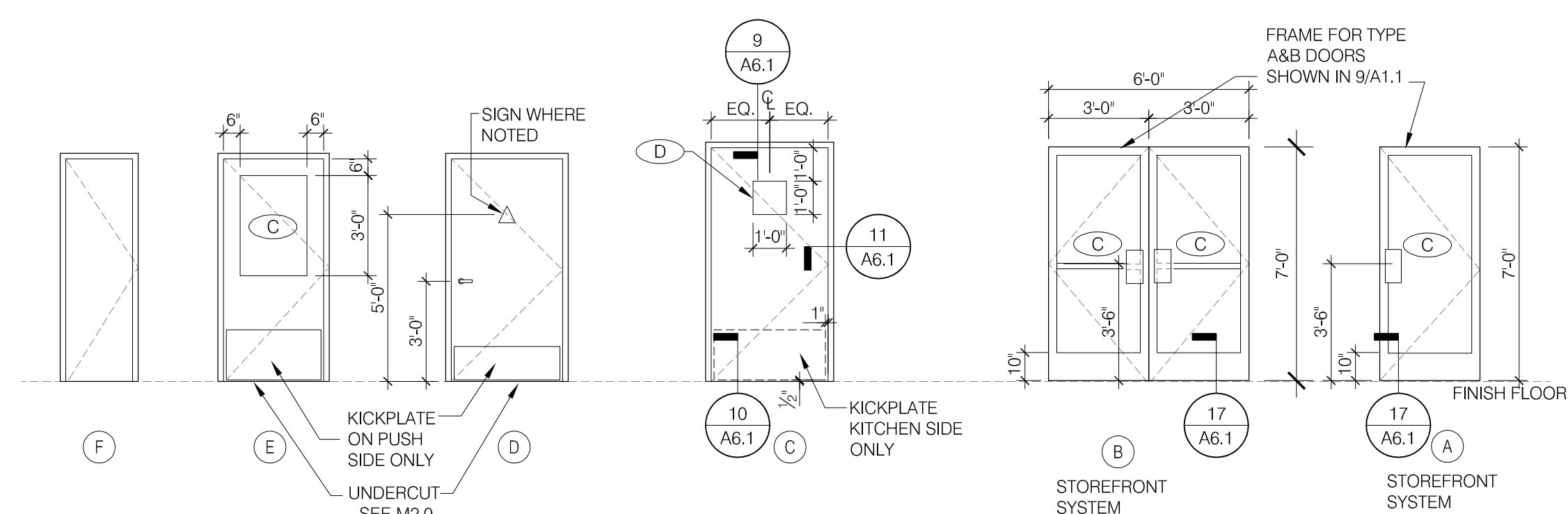
4 (DRIVE-THRU WINDOW B-140) SEE ALSO DETAIL 16/A6.1 NOT LOW 'E' SOLAR GLASS

NOTE: ELEVATIONS DRAWN AS VIEWED FROM EXTERIOR OF BUILDING.

WINDOW TYPES 1/4" = 1'-0" 9

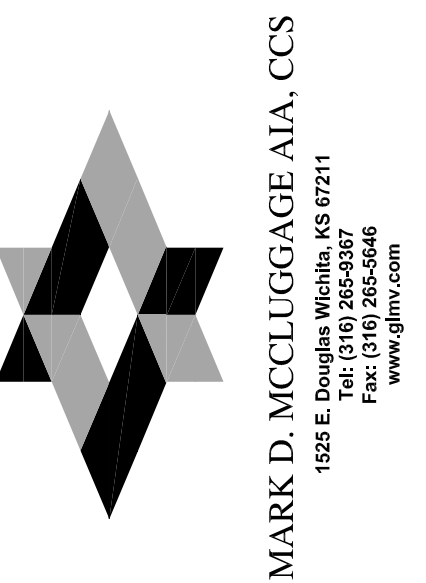
DOOR NO.	DOOR SIZE	DOOR TYPE			BUTTS				LOCKS				CLOSERS			KICKPLATE			THRESHOLD			DOOR STOP			MISCELLANEOUS						DETAIL LOCATIONS			DOOR NOTES				
		TYPE	DOOR	FRAME	1	2	3	4	1	2	3	4	5	6	7	1	2	3	1	2	3	1	2	3	1	2	3	4	5	6	HEAD	JAMB	SILL					
		SEE DOOR TYPE ELEVATIONS			ONE SIDE CLOSURE FOR THE OTHER MANUFACTURER FOR A BOTTOM 1 1/2" PR MCKINNEY #TA2931, 4-1/2" x 4-1/2"				CONT. HINGE INCLUDED IN PACKAGE H.D. TYPE 304 S.S. BOBRICK SPRING LOADED FALCON #T351 CLOSET LOCK FALCON #T511 DGS WIC FULL LENGTH LATCH PROTECTOR INCL. IN PKG. PANIC HARDWARE INCLUDED IN PACKAGE FALCON C882-7 OR C887-7 AS REQUIRED FALCON 'T' SERIES - PRIVACY SET FALCON 1680 CONCEAL. VERT. PANIC-HARDWR I.D.C. 8051				CLOSER INCLUDED IN PACKAGE I.D.C. 8052			STAINLESS STEEL 10" x .050 X 2" L.T.D.W.* KICKPLATE INCLUDED IN PACKAGE			ACCESSIBLE ALUM. THRESHOLD BY DOOR MFR. THRESHOLD INCLUDED IN PACKAGE			FLOOR STOP - ROCKWOOD 441 CU HINGE STOP - ROCKWOOD 532NP WALL STOP - ASA 0714 COAT HOOK W/ BUMPER PUSH PLATE ROCKWOOD 70F - 8" x 16" PULL PLATE TRIMCO 1017-3B - 4" x 1.6" STD. ADJUSTABLE DOOR SWEEP PER DR. MFR. SWEEP (NSTA 231 STD) INSP 101WA UNDERCUT 3/4"			PROVIDE A SIGN STATING THIS IS A MEANS OF EGRESS DOOR DURING BUSINESS HOURS COAT HOOK - BOBRICK DOOR SIGN												* LESS THAN DOOR WIDTH	
1	3'-0" x 7'-0" x 1-3/4"	A	AL	AL	X									X	X																				12/A6.1	8, 10, 16		
2	(2) 3'-0" x 7'-0" x 1-3/4"	B	AL	AL	X									X	X																				12/A6.1	8, 10, 13, 16		
3	3'-6" x 7'-0" x 1-3/4"	C	HM	HM		X																													9/A6.1	6/A6.1	10/A6.2	6, 7, 10
4	3'-0" x 6'-8" x 1-3/4"	D	WD	HM		X								X																					10/A6.4	10/A6.4	6, 9, 10, 11, 12, 14	
5	3'-0" x 6'-8" x 1-3/4"	D	WD	HM		X								X																					10/A6.4	10/A6.4	6, 9, 10, 11, 12, 14	
6 (OPTIONAL)	3'-0" x 7'-0" x 1-3/4"	E	WD	HM		X																													10/A6.4	10/A6.4	9	
7	2'-0" x 6'-8" x 1-3/4"	F	WD	HM		X		X																											10/A6.4	10/A6.4		

DOOR SCHEDULE 2



NOTE: ELEVATIONS DRAWN AS VIEWED FROM EXTERIOR OF BUILDING OR OUTSIDE ROOM.

DOOR TYPES 1/4" = 1'-0" 3



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15025.000

- △ ADDRESS CHANGE
- △ 4.07.16 REVIEW COMMENTS
- △
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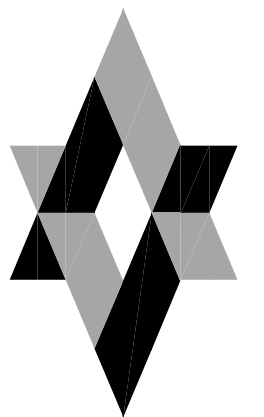
DATE: JULY 15, 2015
BUILDING TYPE: MED-40-MOD
PLAN VERSION: JUNE 2015
SITE NUMBER:
ENTITY NUMBER:

1300 HOLTON LANE
TAKOMA PARK, MD 20912



DOOR & WINDOW ELEVATIONS AND SCHEDULES
A1.1

PLOT DATE: 4-12-16



MARK D. MCCLUGGAGE AIA, CCS
 1322 E. Douglas Wichita, KS 67211
 Phone: (316) 265-5646
 Fax: (316) 265-5646
 www.gim.com

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15025.000

- △ ADDRESS CHANGE
- △ COUNTY COMMENTS 4/7/16
- △ HEALTH DEPT COMMENTS 6/24/16
- △
- △
- △
- △
- △
- △

DATE: JULY 15, 2015
 BUILDING TYPE: MED-40-MOD
 PLAN VERSION: JUNE 2015
 SITE NUMBER: _____
 ENTITY NUMBER: _____

1300 HOLTON LANE
 TAKOMA PARK, MD 20912



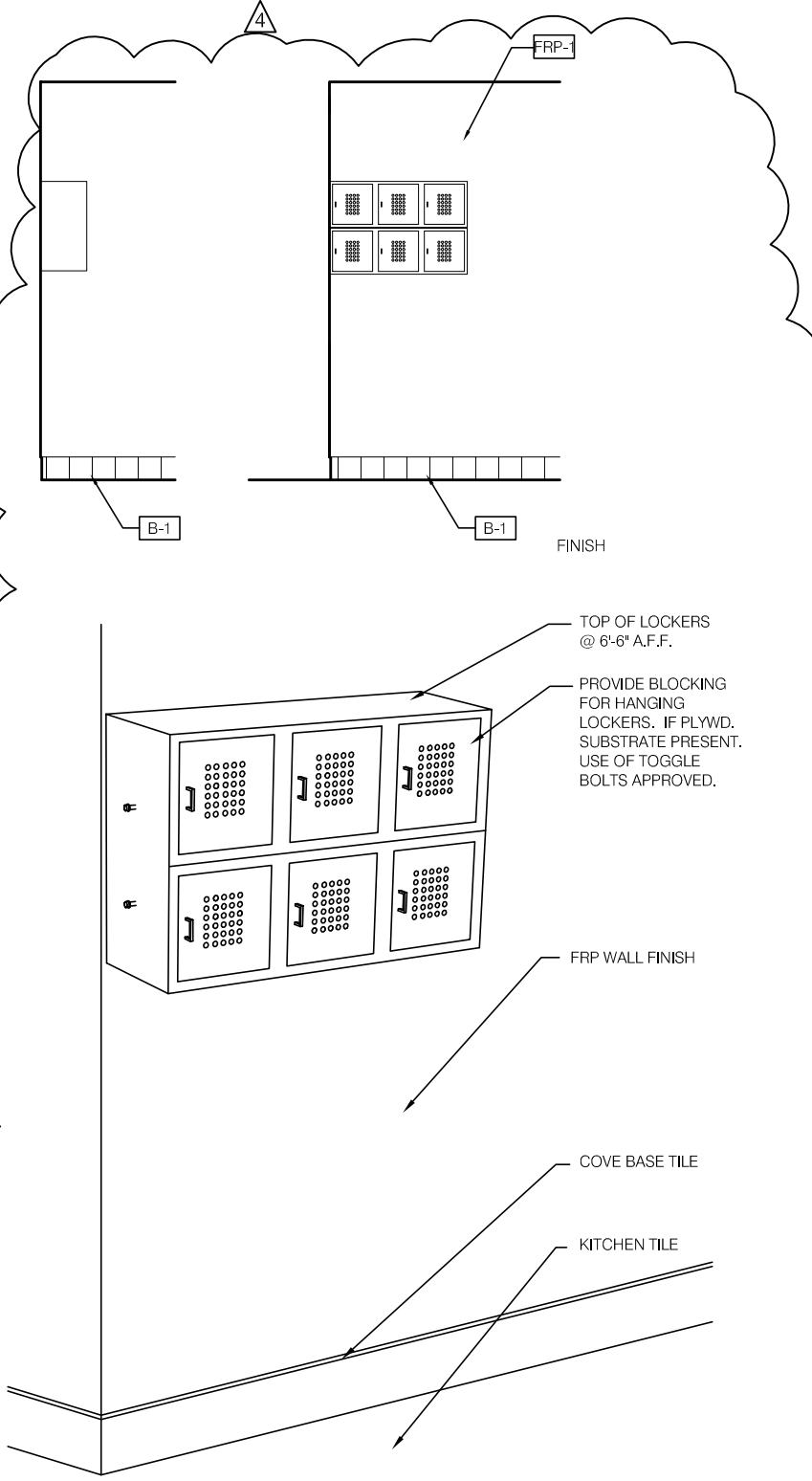
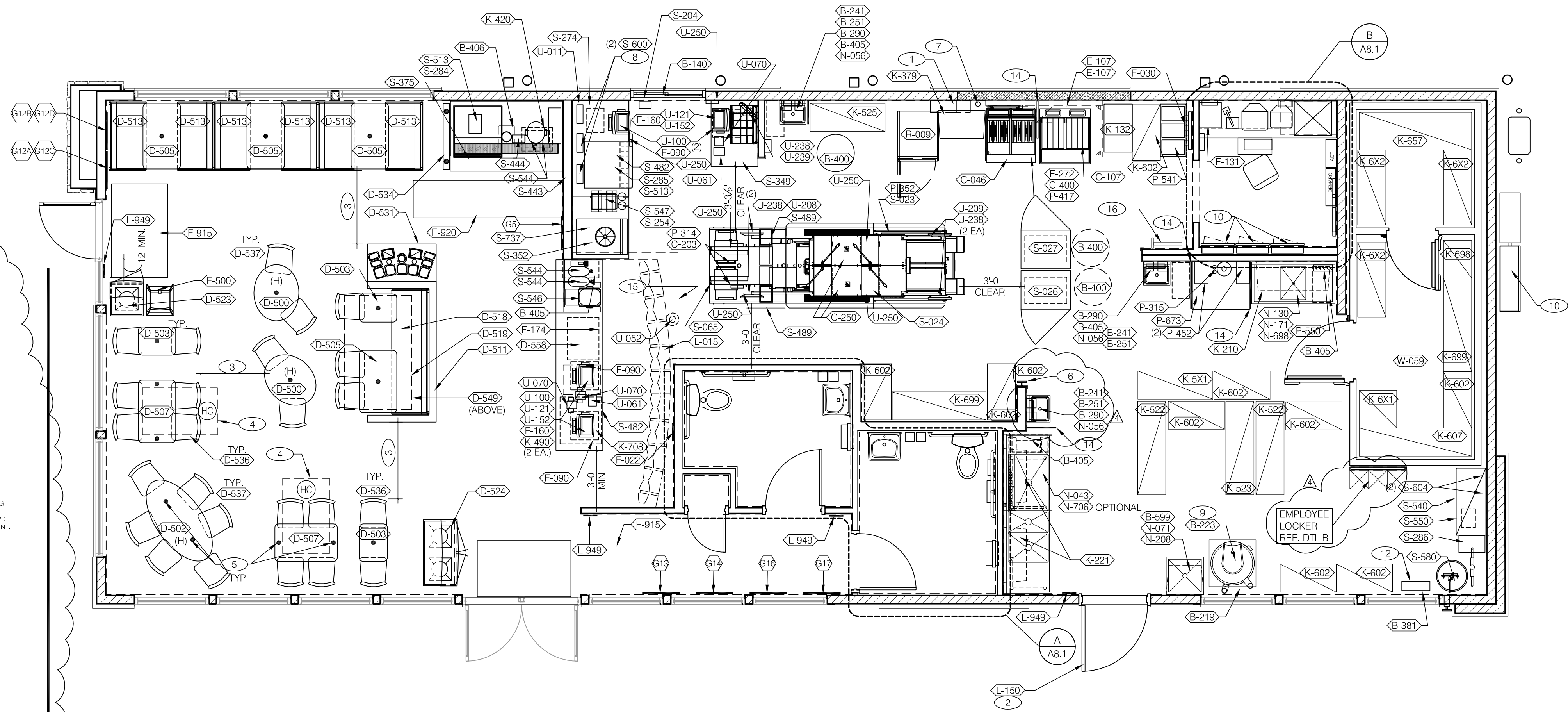
LIVE MAS
 MEDIUM40 - MODIFIED

EQUIPMENT AND SEATING PLAN

A2.0

PLOT DATE: 6-24-16

L-090 SITE ITEM



EMPLOYEE LOCKER UNITS N.T.S. B

EQUIPMENT/SEATING PLAN 1/4"=1'-0" A

SYM.	QTY.	ITEM
D-500	2	TABLE - OVAL - BAR HEIGHT - 24' X 30' - CORE DRILL BASE
D-502	1	TABLE - OVAL - BAR HEIGHT - 30' X 60' - CORE DRILL BASE
D-503	3	TABLE - RECTANGLE - STD HEIGHT - 18' X 24' - CORE DRILL BASE
D-505	4	TABLE - RECTANGLE - STD HEIGHT - 24' X 40' - CORE DRILL BASE
D-507	2	TABLE - RECTANGLE - STD HEIGHT - 24' X 40' - CORE DRILL BASE (ADA)
D-511	1	DIVIDER WALL - 90' LONG
D-513	6	OPEN BACK BENCH SETTEE - 42"
D-518	1	BACKLESS BENCH SETTEE - 38"
D-519	1	BACKLESS BENCH SETTEE - 42"
D-523	1	SINGLE TRASH RECEPTACLE
D-524	1	DOUBLE TRASH RECEPTACLE
D-558	1	SERVICE COUNTER - 122"
D-531	1	CONDIMENT COUNTER - SQUARE CORNERS

SEATING PACKAGE - BY SEATING VENDOR U.O.N. (TOTAL SEATS = 40) E

SYM.	QTY.	ITEM
D-534	1	SCREEN WALL
D-536	15	FORMED WOOD SHELL DINING CHAIR
D-537	10	FORMED WOOD SHELL DINING CHAIR
D-549	1	SOFFIT BY DISTRIBUTOR.

SYM.	QTY.	ITEM	REMARKS
T-01	1	TASTE EXPLOSION 1 OF 4	SEE A8.0 FOR LOCATION
T-02	1	TASTE EXPLOSION 2 OF 4	SEE A8.0 FOR LOCATION
T-03	1	TASTE EXPLOSION 3 OF 4	SEE A8.0 FOR LOCATION
T-04	1	TASTE EXPLOSION 4 OF 4	SEE A8.0 FOR LOCATION
V-01	1	VOLCANO TARGET	SEE A8.0 FOR LOCATION
T-05	1	NYC TACO TAXI	SEE A8.0 FOR LOCATION
T-06	1	TACO NIGHT TIME	SEE A8.0 FOR LOCATION
T-07	1	TACO BEACH BELL	SEE A8.0 FOR LOCATION
N-01	1	NUTRITION BOARD	SEE A8.0 FOR LOCATION

ARTWORK SCHEDULE D

DECOR
 1. REFER TO SC SHEETS FOR SCOPE OF WORK RESPONSIBILITIES.
 2. (H) - SYMBOL DENOTES A HIGH TABLE OR DINING COUNTER WITH STOOLS.
 3. (HC) - SYMBOL DENOTES A HANDICAP ACCESSIBLE TABLE.

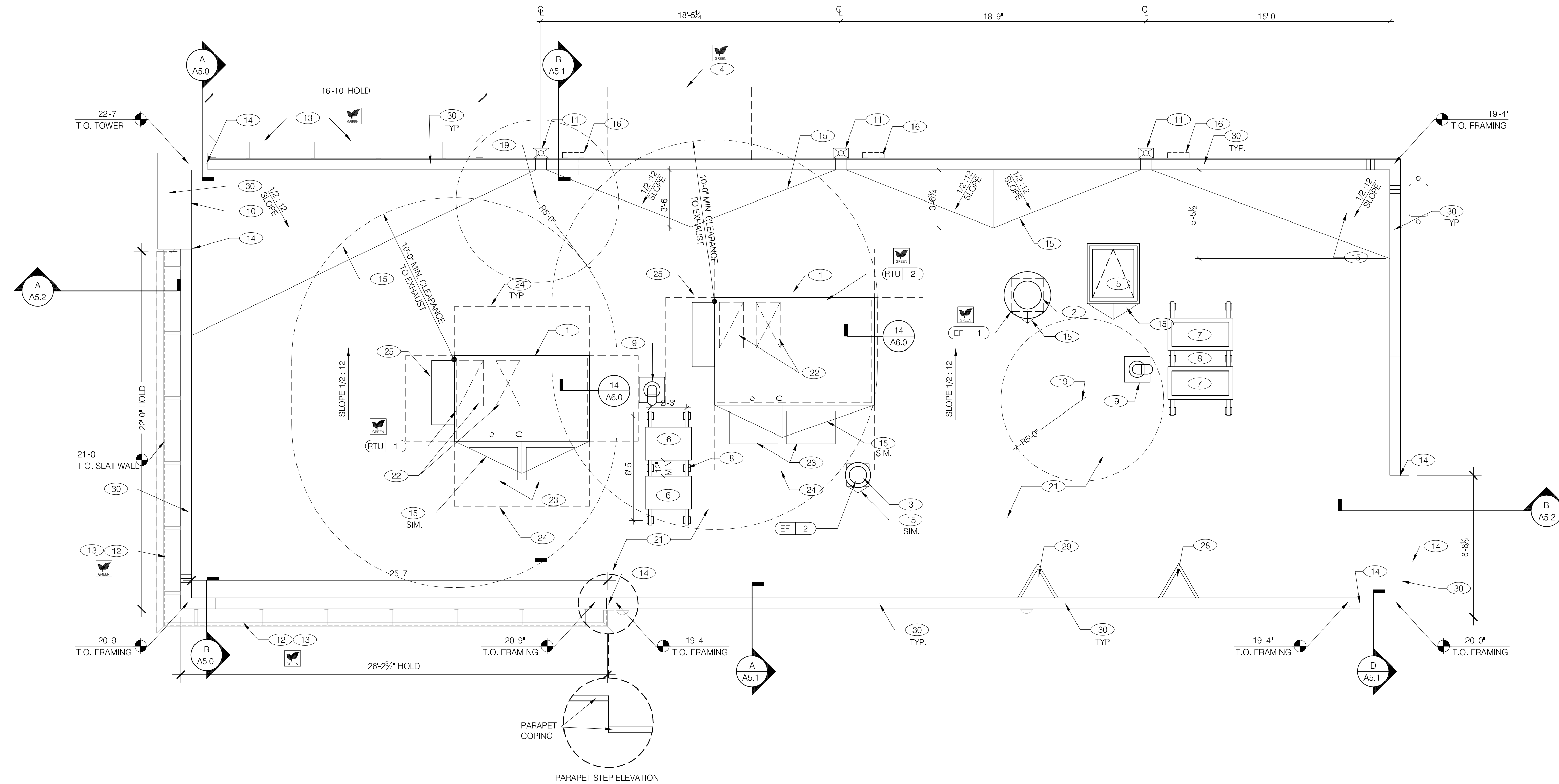
GENERAL NOTES C1

STORAGE TYPE	LINEAR FT.
DRY STORAGE	63
COLD STORAGE	22
FROZEN STORAGE	14

SHELVING QUANTITIES REQUIRED C2

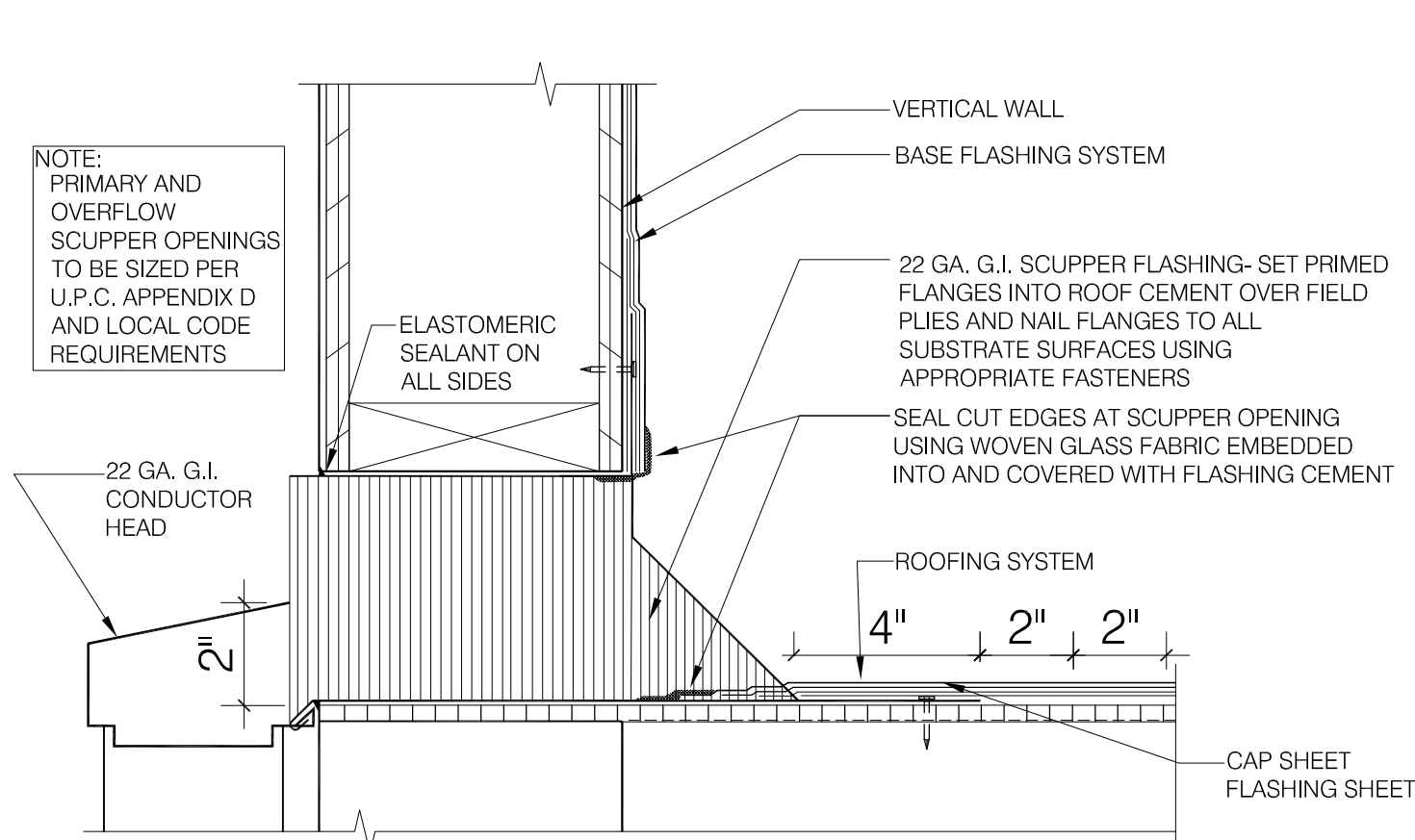
- 1 HOOD FIRE SUPPRESSION SYSTEM (ANSUL R-102 OR EQUAL).
- 2 SEE SHEET A1.1 FOR SECURITY DOOR PACKAGE.
- 3 MAINTAIN 36" MIN CLEAR AISLE EGRESS PATHS TO EXIT DOORS.
- 4 30" x 48" CLEAR FLOOR SPACE FOR HANDICAP ACCESS.
- 5 DOT INDICATES CORE DRILL LOCATION. CORE DRILL LAYOUT TO BE PROVIDED BY THE SEATING VENDOR. SEE DETAIL 7/A6.3 AND SCOPE OF WORK. CHANGE CORE DRILL BITS TO MATCH DECOR BASE SIZE TO MAINTAIN 3/8" MAX GROUT LINE AROUND BASE.
- 6 PULL STATION @ 3'-8" A.F.F.
- 7 GAS LINE DOWN TO EQUIPMENT.
- 8 COORDINATE LOCATION OF HORIZ PVC SYRUP CHASE THRU WALL TO COUNTER.
- 9 6" HIGH WATER HEATER PLATFORM.
- 10 SWITCHGEAR / ELECTRIC PANELS.
- 11 NOT USED.
- 12 8' LADDER.
- 13 NOT USED.
- 14 SPLASH GUARD.
- 15 ALERT LIGHT BOX FOR 3-COMP POWER SOAK.
- 16 ROOF LADDER (B-049) AND ROOF HATCH (B-050).

KEYNOTES B

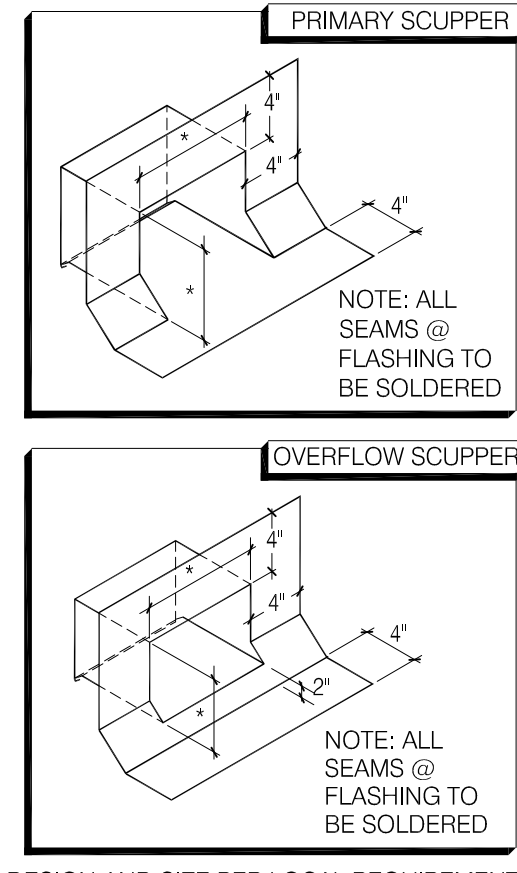


PARAPET STEP ELEVATION

ROOF PLAN 1/4"=1'-0" A



SCUPPER FLASHING F



F

WATERPROOFING:
 A. PAINT UNDERSIDE OF PARAPET CAP FLASHING WITH FACTORY BONDED PAINT GRIP OR PRIMER.
 B. TOP NAILING AT PARAPET CAP FLASHING WILL NOT BE ACCEPTED.
 C. PENETRATIONS IN ROOFING MEMBRANE AND FLASHING SHALL ONLY BE MADE AS INDICATED ON THE DRAWINGS OR SPECS.
 D. SEE SPECIFICATIONS FOR SEALANT SPECS.
 E. ALL SHEET MTL FLASHING SHALL BE 22 GA MIN.

MISCELLANEOUS:
 A. ROOF PENETRATIONS CLOSER THAN 12" FROM ANOTHER WILL NOT BE ALLOWED.
 B. EXHAUST FANS MIN. 10'-0" AWAY FROM ALL AIR INTAKE / SUPPLY.
 C. LOCATE WALK-IN CONDENSERS ON ROOF ONLY IF REQUIRED BY CODE.

ROOF PLAN NOTES E

- 1 ROOFTOP UNIT. INSTALL PLUMB AND LEVEL.
- 2 KITCHEN HOOD EXHAUST FAN. SEE SHEETS M3.0 & DETAIL 19/A6.0.
- 3 RESTROOM EXHAUST FAN. SEE 18/A6.0.
- 4 CANOPY. SEE SCOPE OF WORK.
- 5 ROOF HATCH: SEE 7/A6.0.
- 6 ICE MACHINE CONDENSERS.
- 7 WALK-IN COOLER / FREEZER CONDENSERS. SEE SCOPE OF WORK SHEET.
- 8 EQUIPMENT PLATFORM. SEE DETAIL 15/A6.0.
- 9 PIPE HOOD FOR UTILITIES. SEE DETAIL 9/A6.0.
- 10 24" x 24" HINGED LOUVER. SEE DETAIL 8/A6.0.
- 11 SCUPPER AND DOWNSPOUT. SEE DETAIL F.
- 12 ALUMINUM SLAT WALL BY VENDOR. SEE SCOPE OF WORK.
- 13 ALUMINUM VALANCE. SEE SCOPE OF WORK.
- 14 CHANGE IN PARAPET ELEVATION SEE DETAIL 14/A6.2.
- 15 ROOF CRICKET. SEE DETAIL 16/A6.0.
- 16 OVERFLOW SCUPPER. SEE DETAIL F.
- 17 NOT USED.

- 18 NOT USED.
- 19 WASTE VENT THROUGH ROOF. THE TOP OF WASTE VENTS SHALL BE 12" HIGHER THAN THE CLOSEST PARAPET CAP U.N.O. OR NOT ALLOWED BY LOCAL JURISDICTION. SEE 12/A6.0 FOR FLASHING ASSEMBLY.
- 20 NOT USED.
- 21 "DURCO-LAST" SINGLE PLY ROOF MEMBRANE OVER 1/2" EXTERIOR GRADE PLYWOOD OVER TRUSSES. INSTALL PER MANUFACTURERS SPECIFICATIONS.
- 22 POWER / GAS / CONDENSATE ENTRY UNDER HVAC UNIT (PER HVAC MFR. SPECS.) REFER TO MECH. AND PLUMB DWGS. UTILITY ACCESS FROM WITHIN CURB - NO ROOF PENETRATIONS. DO NOT RUN ON ROOF SURFACE. SEE 13/P6.0.
- 23 24x36 WALK MATS. SEE ROOF SPECS.
- 24 MAINTAIN MFR'S ROOFTOP UNIT MAINTAINANCE CLEARANCE.
- 25 OUTSIDE AIR INTAKE FOR ROOFTOP UNIT. MAINTAIN MIN 10'-0" SEPARATION FROM PLUMBING VENTS, FLUES AND BUILDING EXHAUST.
- 26 NOT USED.
- 27 NOT USED.
- 28 WATER HEATER INTAKE. SEE DETAIL 13/A6.0 FOR BRACING.
- 29 WATER HEATER EXHAUST FLUE SHALL BE MIN. 6" HIGHER THAN INTAKE-MAINTAIN MIN. 10'-0" FROM NEAREST POINT OF RTU INTAKE. SEE DETAIL 13/A6.0 FOR BRACING.
- 30 PAINTED METAL PARAPET CAP. SEE DETAIL 2 & 5/A6.0

KEY NOTES B

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△	ADDRESS CHANGE
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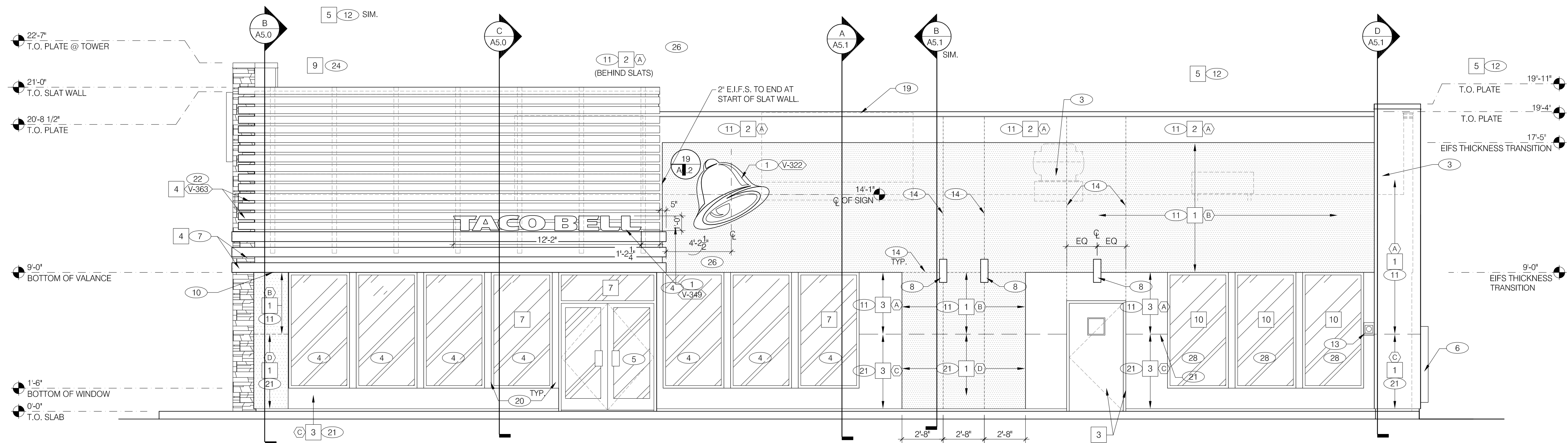
DATE: JULY 15, 2015
 BUILDING TYPE: MED-40-MOD
 PLAN VERSION: JUNE 2015
 SITE NUMBER: _____
 ENTITY NUMBER: _____

1300 HOLTON LANE
 TAKOMA PARK, MD 20912

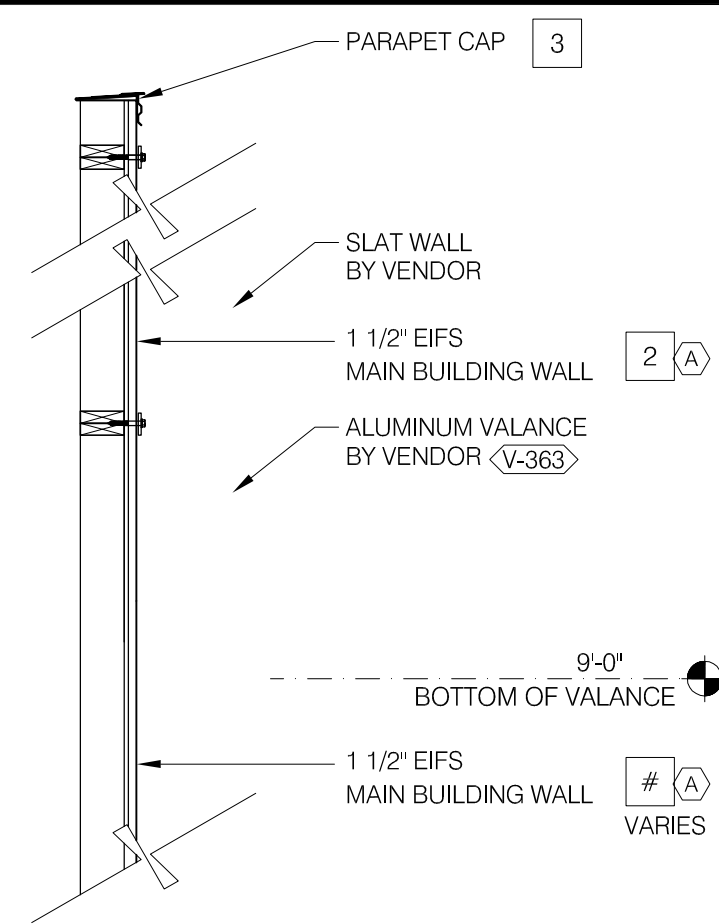


ROOF PLAN
A3.0

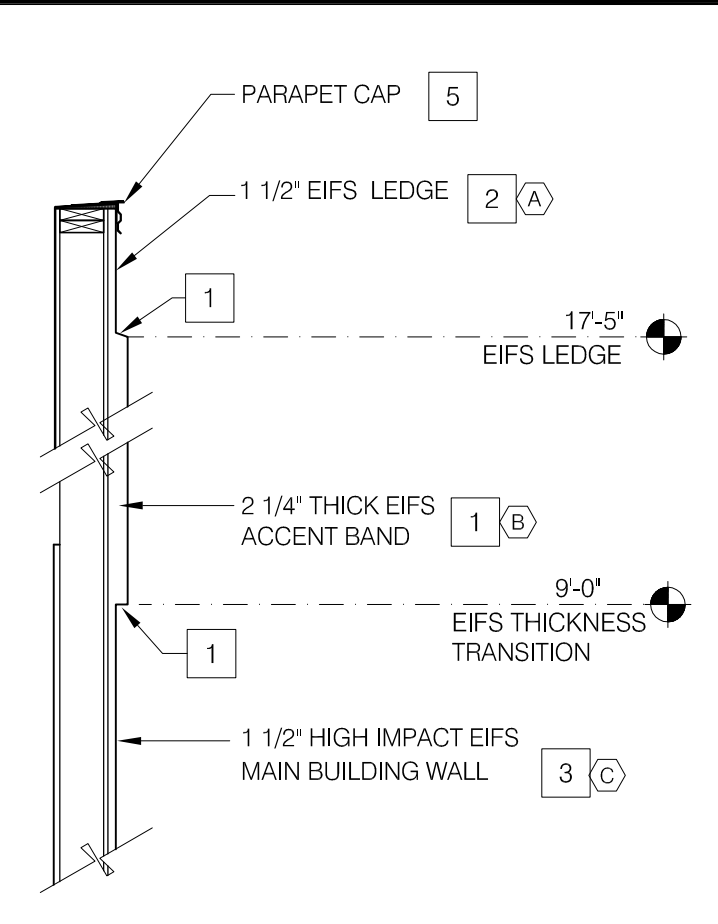
PLOT DATE: 1-04-16



ENTRY SIDE ELEVATION 1/4"=1'-0" **A**



SLAT WALL COLOR TRANSITION N.T.S. **I**



EIFS THICKNESS COLOR TRANSITION N.T.S. **G**

MISCELLANEOUS
 A. SEE SHFT A1.1 WINDOW TYPES* FOR WINDOW ELEVATIONS.
 B. SEE SCOPE OF WORK FOR RESPONSIBILITIES.
 C. "HIGH IMPACT" MESH SHALL BE USED WHERE NOTED (C/D).
 D. THE PAINT COLORS SHOWN ARE COLOR REFERENCES FOR THE EIFS. SUPPLIER
 E. EIFS. TEXTURE SHALL BE FINE.

SEALERS (REFER TO SPECS):
 A. SEALANT AT ALL WALL AND ROOF PENETRATIONS.
 B. SEALANT AT ALL WINDOW AND DOOR FRAMES AT HEAD AND JAMB, DO NOT SEAL SILL @
 WINDOWS.
 C. APPLY NEOPRENE GASKET (CONT.) BETWEEN BUILDING & CANOPY/TRELLIS.

LEGEND:
 B. DENOTES 2" THICK EIFS

***CRITICAL* DIMENSIONS:**
 A. REQUIRED CLEAR OPENING WIDTH TO ENSURE COORDINATION WITH STANDARD
 SIGNAGE/BUILDING ELEMENTS DIMENSIONS.

GENERAL NOTES **F**

QTY	ITEM DESCRIPTION	ELEC
V-350	1 TACO BELL DRIVE THRU CANOPY	X
V-348	1 TACO BELL 'BUILDING ACCENT' - OPTIONAL	X
V-363	1 SLAT WALL SYSTEM	

CANOPY AND BLDG. ACCENT SCHED. N.T.S. **E**

(A) BASE THICKNESS - 1 1/2" THICK EIFS.
 (B) BASE THICKNESS - 2 1/4" THICK EIFS.

E.I.F.S. THICKNESS N.T.S. **B**

QTY	ITEM DESCRIPTION	ELEC
V-349	3 TACO BELL LETTERS 12" HIGH, WHITE, FLAT FACED	X
V-322	3 TACO BELL 'BELL' SIGN 4'-10 1/2"W x 4'-6 1/4"H	X
	LED LAMPING.	

SIGN SCHEDULE N.T.S. **C**

SYMBOL	AREA	MANUFACTURER	COLOR	ALTERNATE MFR.	ALTERNATE COLOR	CONTACT INFORMATION
1	MAIN BUILDING COLOR	SHERWIN WILLIAMS	SW 6122 'CAMEL BACK'	LOTUSAN	NA08-0011	SHERWIN WILLIAMS: BRAD HARRINGTON, 216-341-5558 X115 (PHONE), BRAD.E.HARRINGTON@SHERWIN.COM
2	WALL COLOR BEHIND SCREEN WALL	SHERWIN WILLIAMS	SW 6831 'CLEMATIS'			EIFS CONTACT: STO CORP.; CHUCK DUFFIN, 940-894-2092 (PHONE), 940-894-2095 (FAX), CDUFFIN@STOCORP.COM OWNER REPRESENTATIVE WILL IDENTIFY IF LOTUSAN PAINT WILL BE USED.
3	ACCENT COLOR	SHERWIN WILLIAMS	SW 2823 'ROOKWOOD CLAY'	LOTUSAN	NA08-0010	
4	SLAT WALL AND VALANCE COLOR	VENDOR	SW 7034 'STATUS BRONZE' (EQUAL)			
5	PARAPET CAP COLOR	12 DUROLAST	MEDIUM BRONZE (FACTORY FINISH)	SHERWIN WILLIAMS	SW 7069 'IRON ORE'	DURO-LAST; CURT JAFFEE, 800-356-6646 (PHONE), CJAFFE@DURO-LAST.COM
6	STONE WALL	BORAL - VERSA STONE	TIGHT CUT - 'PLUM CREEK'	CORONADO;	IDAHO DRY STACK, CARMEL MOUNTAIN CULTURED STONE VENEER - FULLY GROUTED.	VERSETTA STONE WALL; ASHLEY JOYCE, 770-645-4531 (PHONE) ALTERNATE: CORONADO; 1-800-847-8663
7	STOREFRONT WINDOWS	TBD	"DARK BRONZE"			
8	PIPE BOLLARDS	STREET SMART	YELLOW - 1/4" THICK PLASTIC COVER (US.POSTMAN.COM) OR EQUAL			DURO-LAST; LEE COBB, 800-434-3876 (PHONE)
9	PARAPET BACK ROOFING	DUROLAST	THE COLOR SHALL BE FACTORY COLORED "TAN" EQUAL ALTERNATE ALLOWED.			
10	STOREFRONT WINDOWS	TBD	SPANDREL GLASS			

EXTERIOR FINISH SCHEDULE **H**

- 1 BUILDING SIGN, SEE SCOPE OF WORK.
- 2 DRIVE THRU WINDOW, SEE SHEET A1.0 AND A1.1.
- 3 ROOF BEYOND.
- 4 STOREFRONT TYPICAL.
- 5 DOUBLE DOOR.
- 6 SWITCH GEAR, PAINT TO MATCH WALL.
- 7 ARCHITECTURAL ALUMINUM VALANCE BY VENDOR.
- 8 LIGHT SCONCE, ALIGN BOTTOM OF FIXTURES MOUNTING BRACKET WITH CHANGE IN EIFS THICKNESS.
- 9 ASSUME D/T LANE SURFACE IS 6" BELOW THE FINISH FLOOR. REFER TO GRADING & SITE PLAN.
- 10 THICKER EIFS TO TERMINATE AT TOP OF WINDOW HEIGHT, PROVIDE THINNER EIFS ABOVE THAT POINT. SLOPE TRANSITION AWAY FROM BUILDING 1:12. SEE DETAIL B/A4.0
- 11 EIFS (TYP), SEE 2 & 4/A6.2.
- 12 PARAPET COPING, USE THE DURO-LAST PRE-FINISHED EDGE TRIM, SEE DETAIL 2/A6.0.
- 13 CO2 FILLER VALVE & COVER, SEE DETAIL 5/A6.2 SIM.
- 14 1/2" EIFS REVEAL JOINT.
- 15 GAS SERVICE.
- 16 WALL SHALL BE FINISHED PRIOR TO INSTALLATION OF SWITCHGEAR.
- 17 SCUPPER, COLLECTOR, AND VERTICAL DOWNSPOUT 6" MIN. PAINT TO MATCH ADJACENT WALL.
- 18 OVERFLOW SCUPPER.
- 19 RTU BEYOND, PAINT TO MATCH MAIN BUILDING COLOR.
- 20 BREAK METAL COVER OVER WOOD STUDS TO MATCH STOREFRONT, SEE 3.4 & 7/A6.1
- 21 HIGH IMPACT EIFS, WHERE SHOWN ON ELEVATIONS, TOP EXTENT AT 5'-0". SEE 2/A6.2.
- 22 ALUMINUM SLAT WALL BY VENDOR.
- 23 BOLLARD
- 24 DUROLAST SINGLE MEMBRANE ROOFING OR EQUAL.
- 25 IF THE DURO LAST PARAPET CAP TRIM IS USED IT SHALL NOT BE PAINTED.
- 26 RETURN ALUMINUM LOUVERS BACK TO FACE OF BUILDING.
- 27 SPLASH BACK.
- 28 STOREFRONT WITH SPANDREL GLASS.

KEY NOTES **D**

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- △ ADDRESS CHANGE
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- △
- △
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- △
- △

DATE: JULY 15, 2015
 BUILDING TYPE: MED-40-MOD
 PLAN VERSION: JUNE 2015
 SITE NUMBER:
 ENTITY NUMBER:

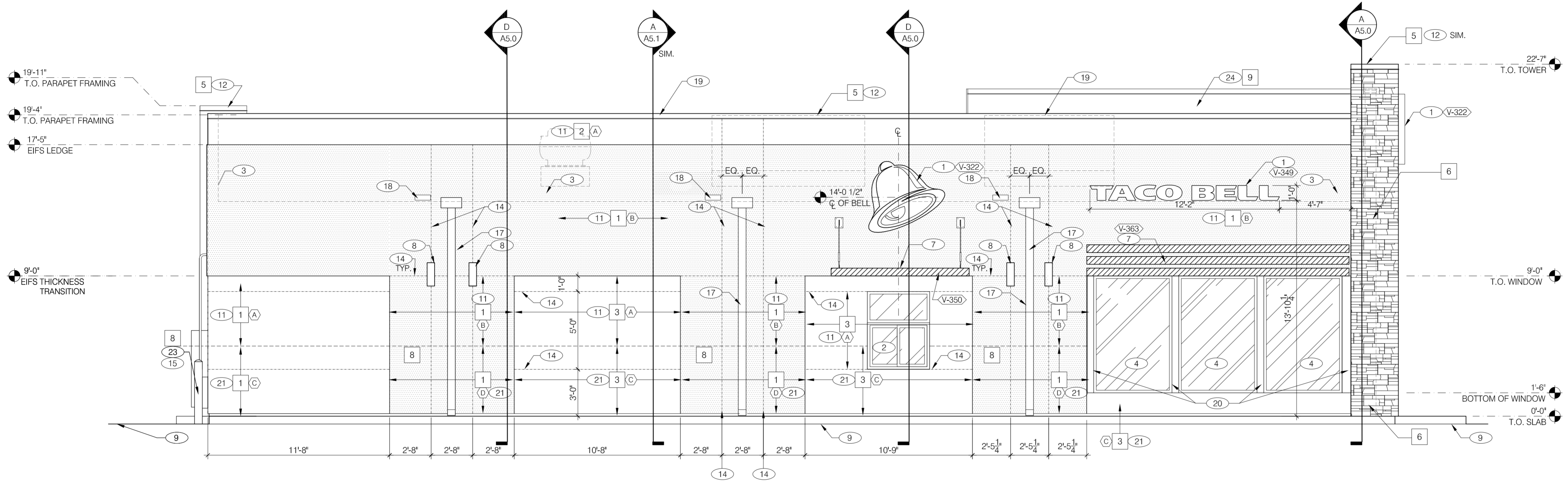
1300 HOLTON LANE
 TAKOMA PARK, MD 20912

LIVE MAS
 MEDIUM40 - MODIFIED
EXTERIOR ELEVATIONS

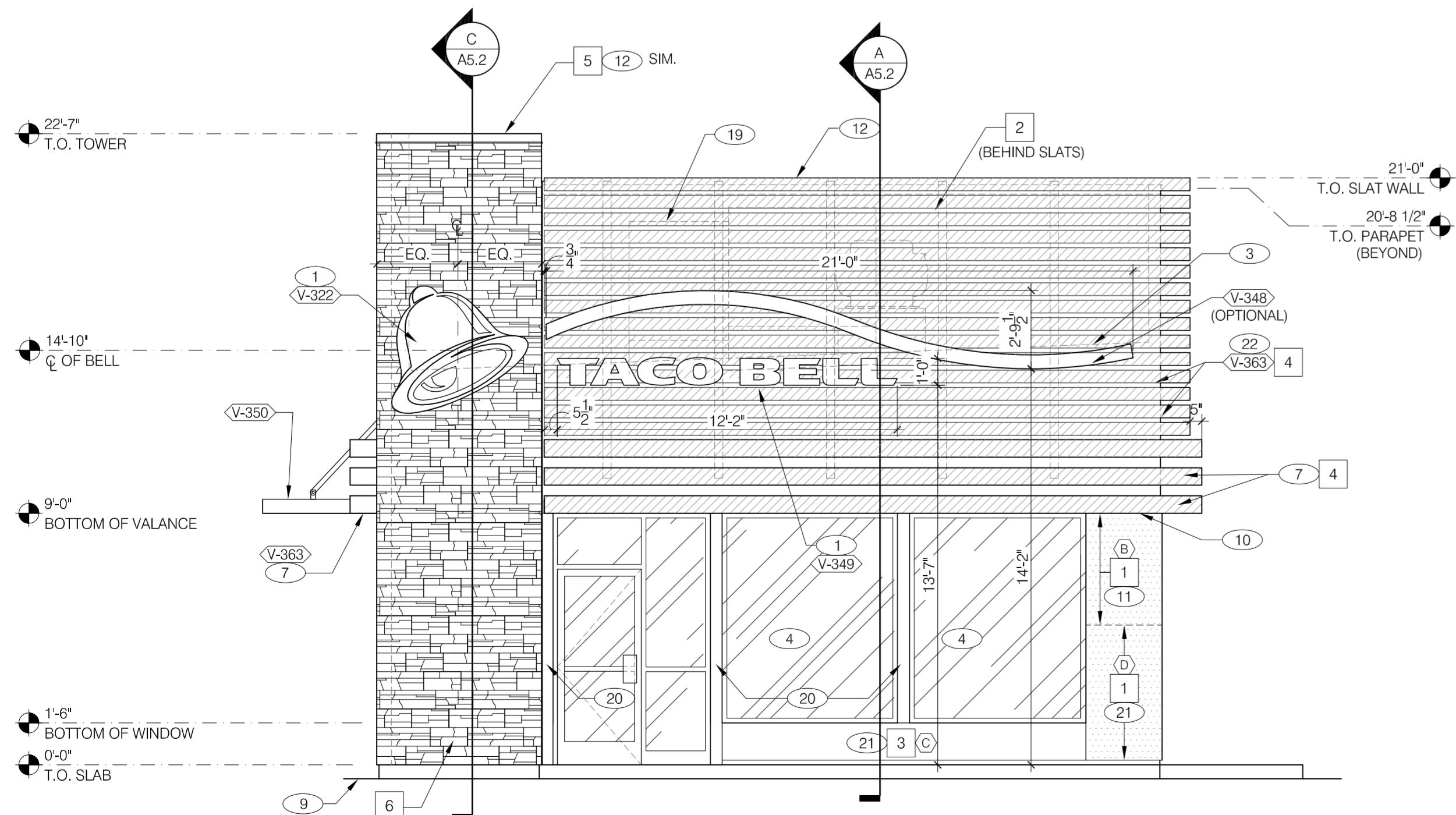
A4.0

PLOT DATE: 1-04-16

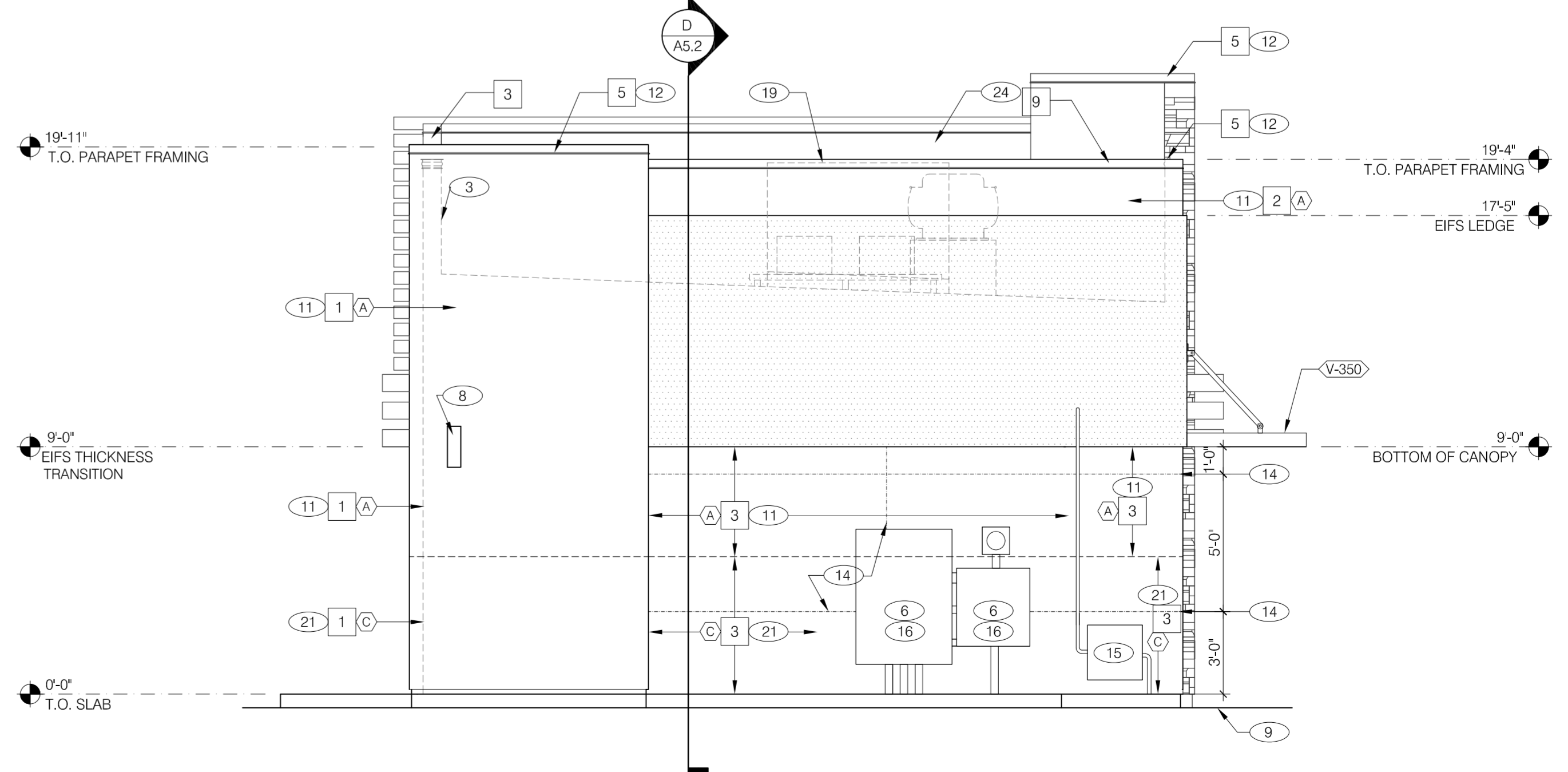
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DRIVE-THRU SIDE ELEVATION 1/4" = 1'-0" **A**



FRONT ELEVATION 1/4" = 1'-0" **C**



REAR ELEVATION 1/4" = 1'-0" **B**

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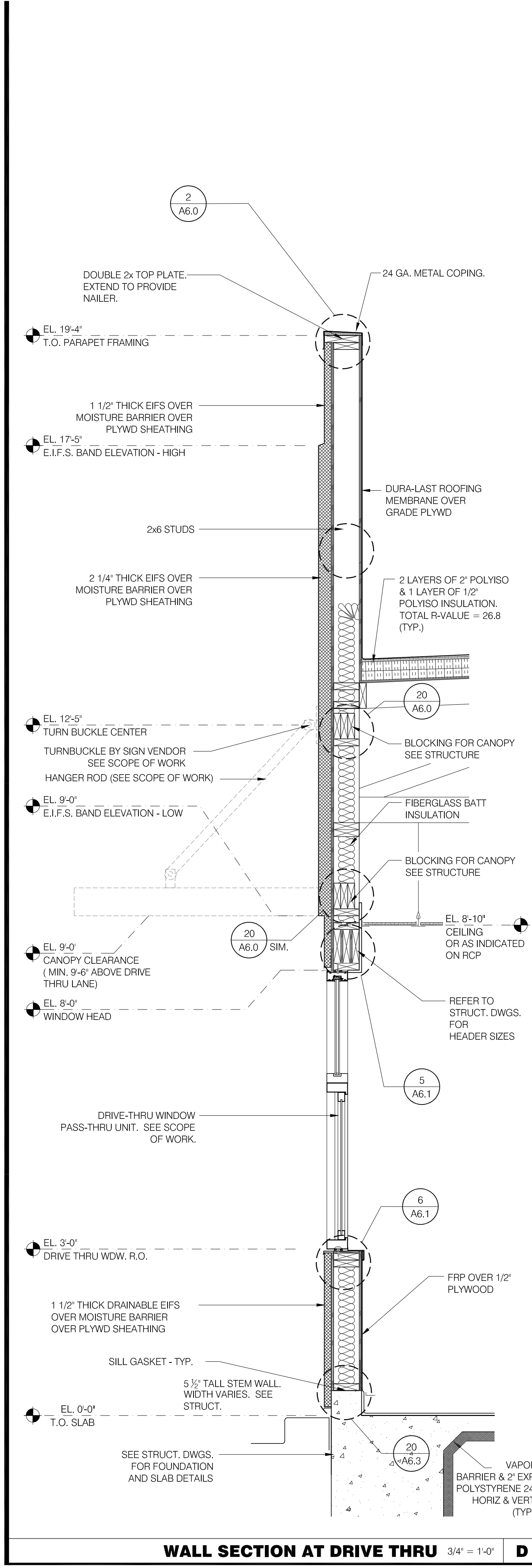
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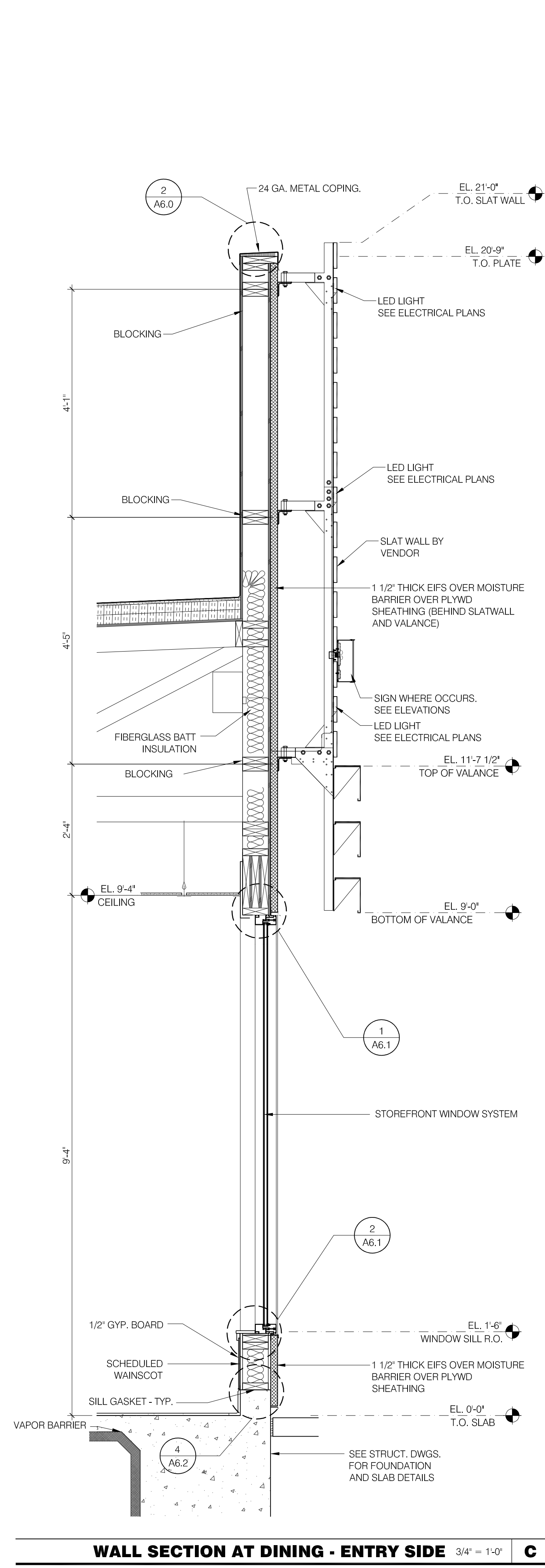
LIVE MAS
 MEDIUM40 - MODIFIED
EXTERIOR ELEVATIONS

A4.1

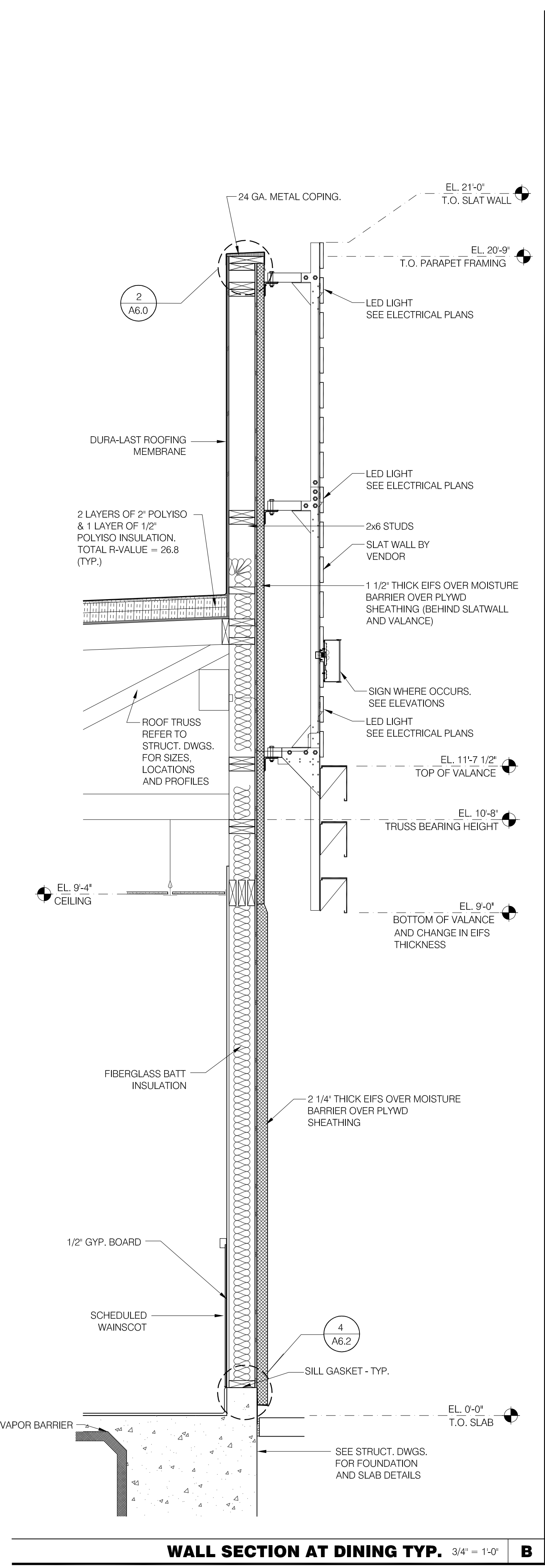
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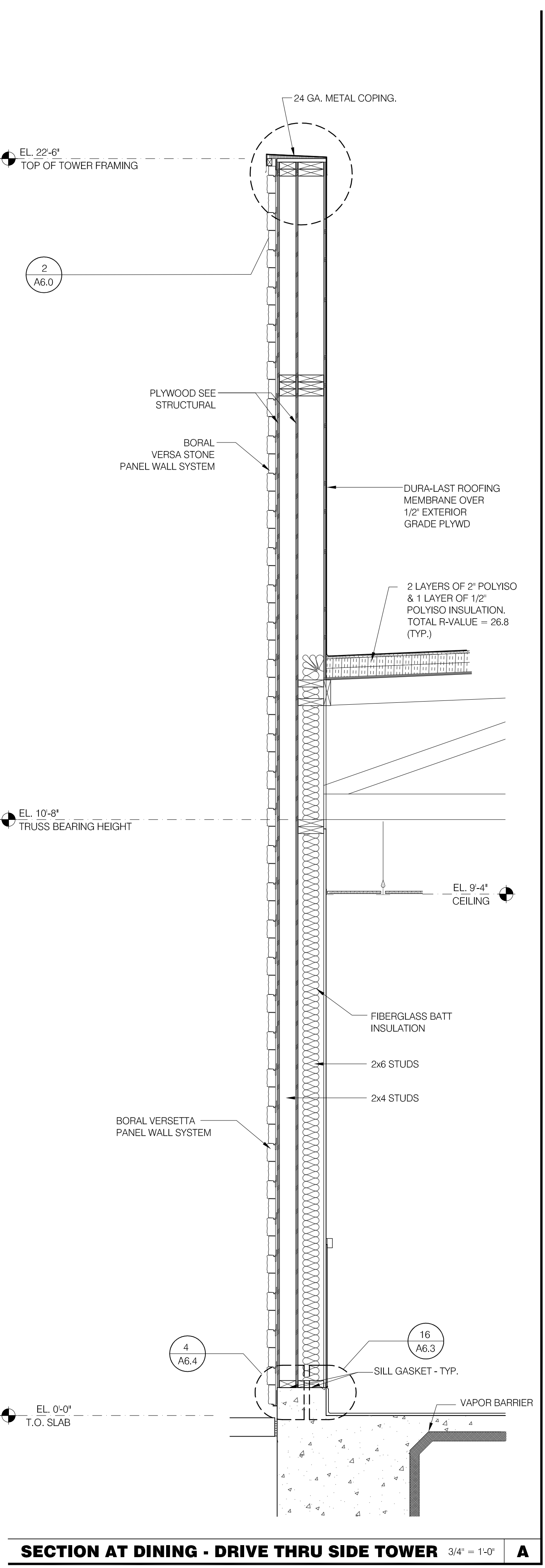
WALL SECTION AT DRIVE THRU 3/4" = 1'-0" **D**



WALL SECTION AT DINING - ENTRY SIDE 3/4" = 1'-0" **C**



WALL SECTION AT DINING TYP. 3/4" = 1'-0" **B**



SECTION AT DINING - DRIVE THRU SIDE TOWER 3/4" = 1'-0" **A**

ARCHITECT

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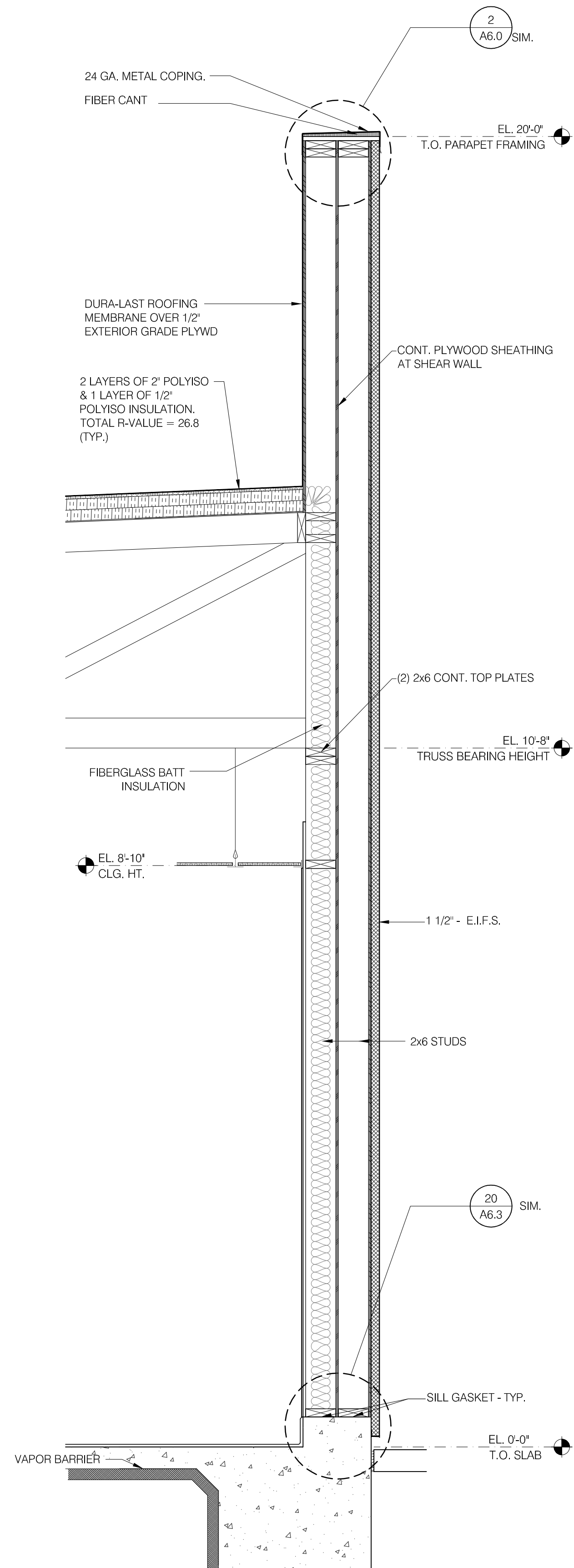
1300 HOLTON LANE
 TAKOMA PARK, MD 20912

TACO
REBEL, L.L.C.
LIVE MAS
 MEDIUM40 - MODIFIED

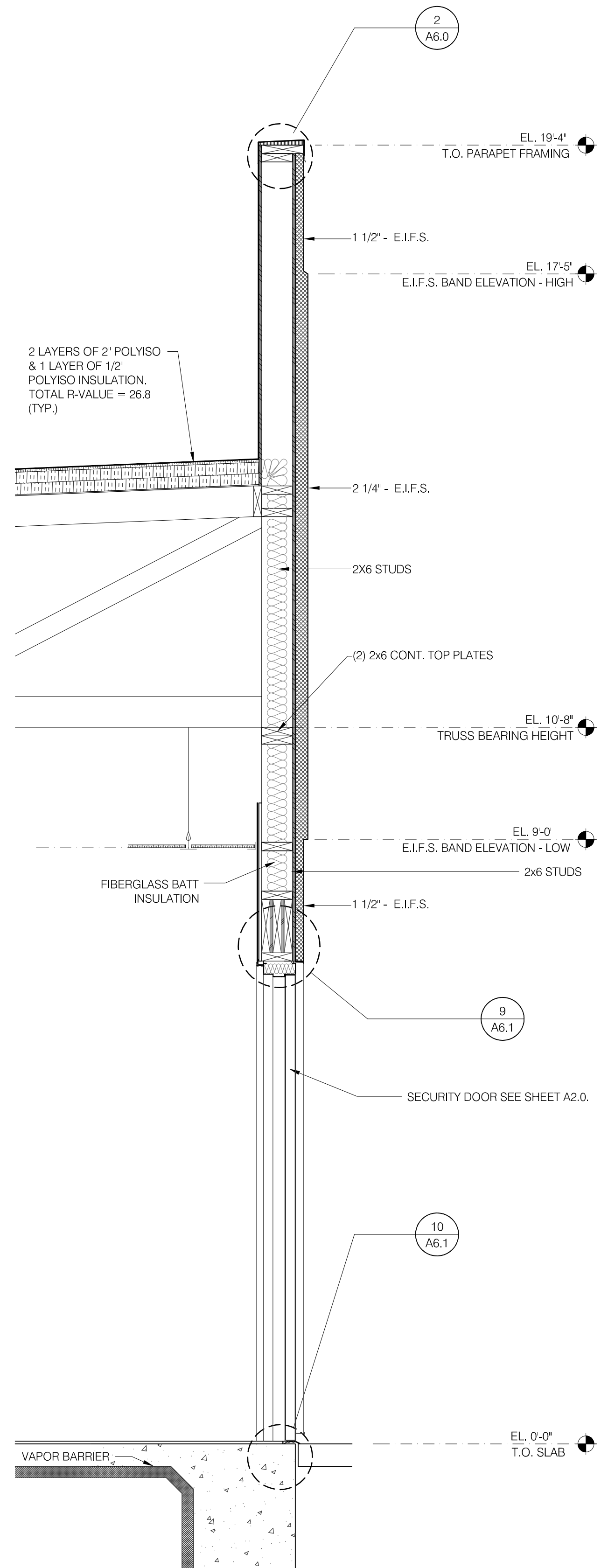
WALL SECTIONS

A5.0

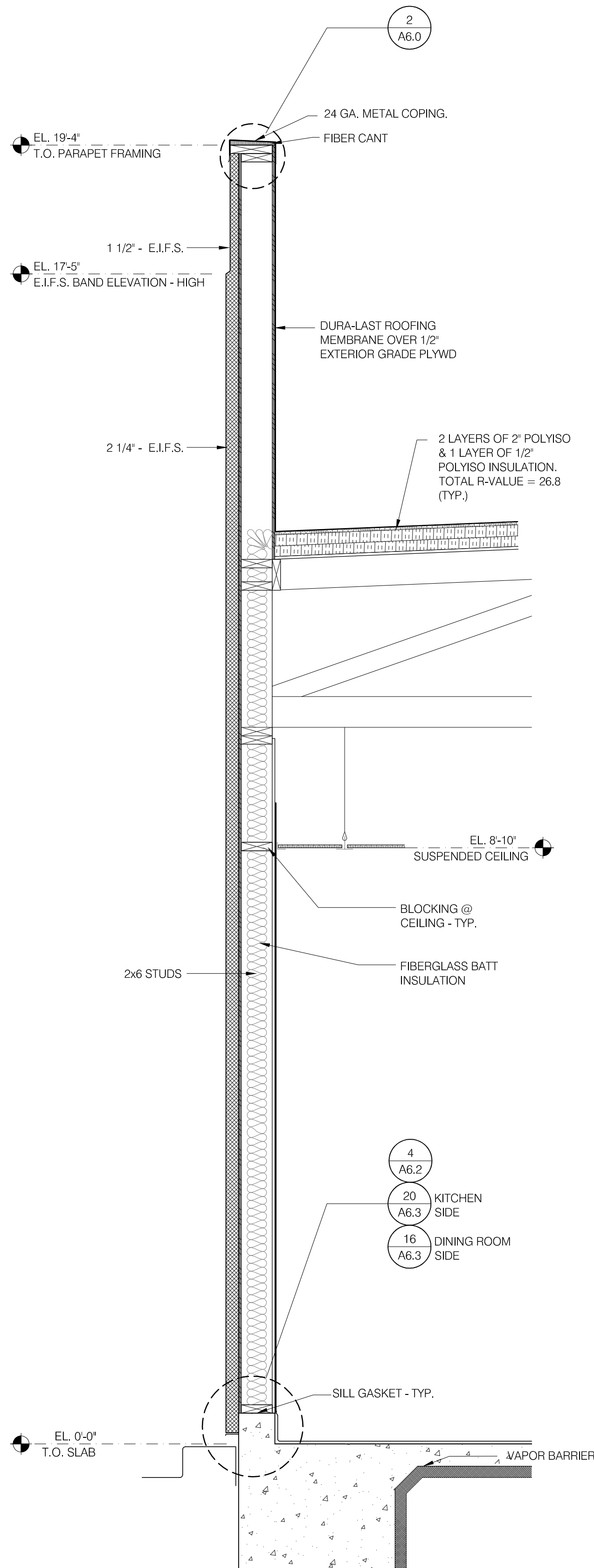
PLOT DATE: 1-04-16



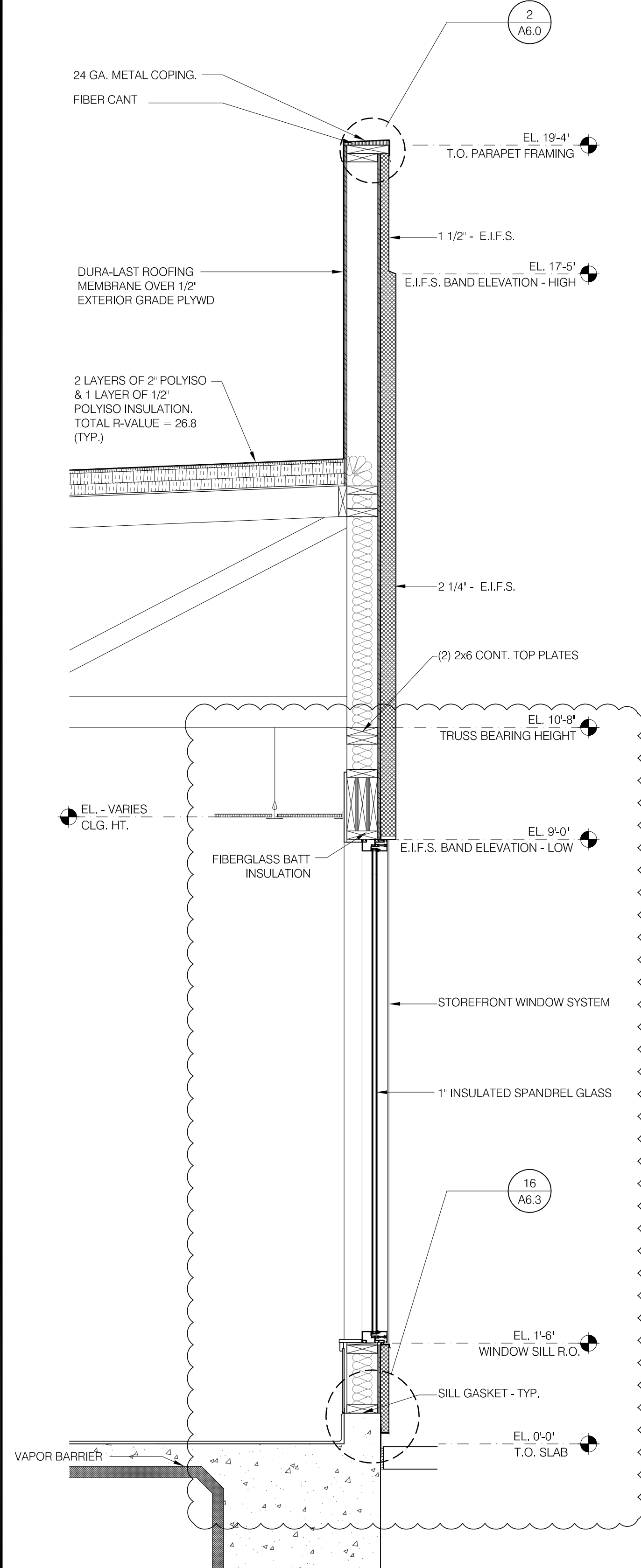
WALL SECTION AT REAR TOWER 3/4" = 1'-0" D



WALL SECTION AT SERVICE DOOR 3/4" = 1'-0" C



WALL SECTION AT THICK E.I.F.S. 3/4" = 1'-0" B



TYPICAL WALL SECTION 3/4" = 1'-0" A



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△ 4.07.16 REVIEW COMMENTS	
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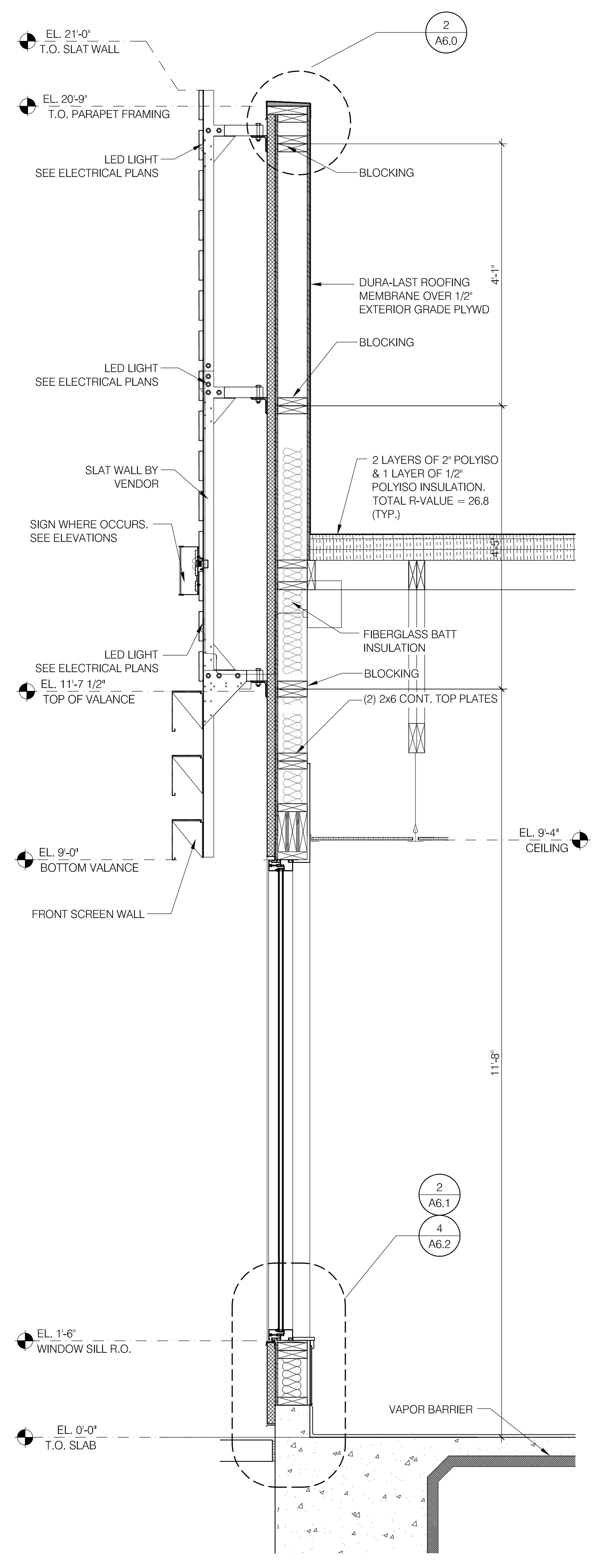
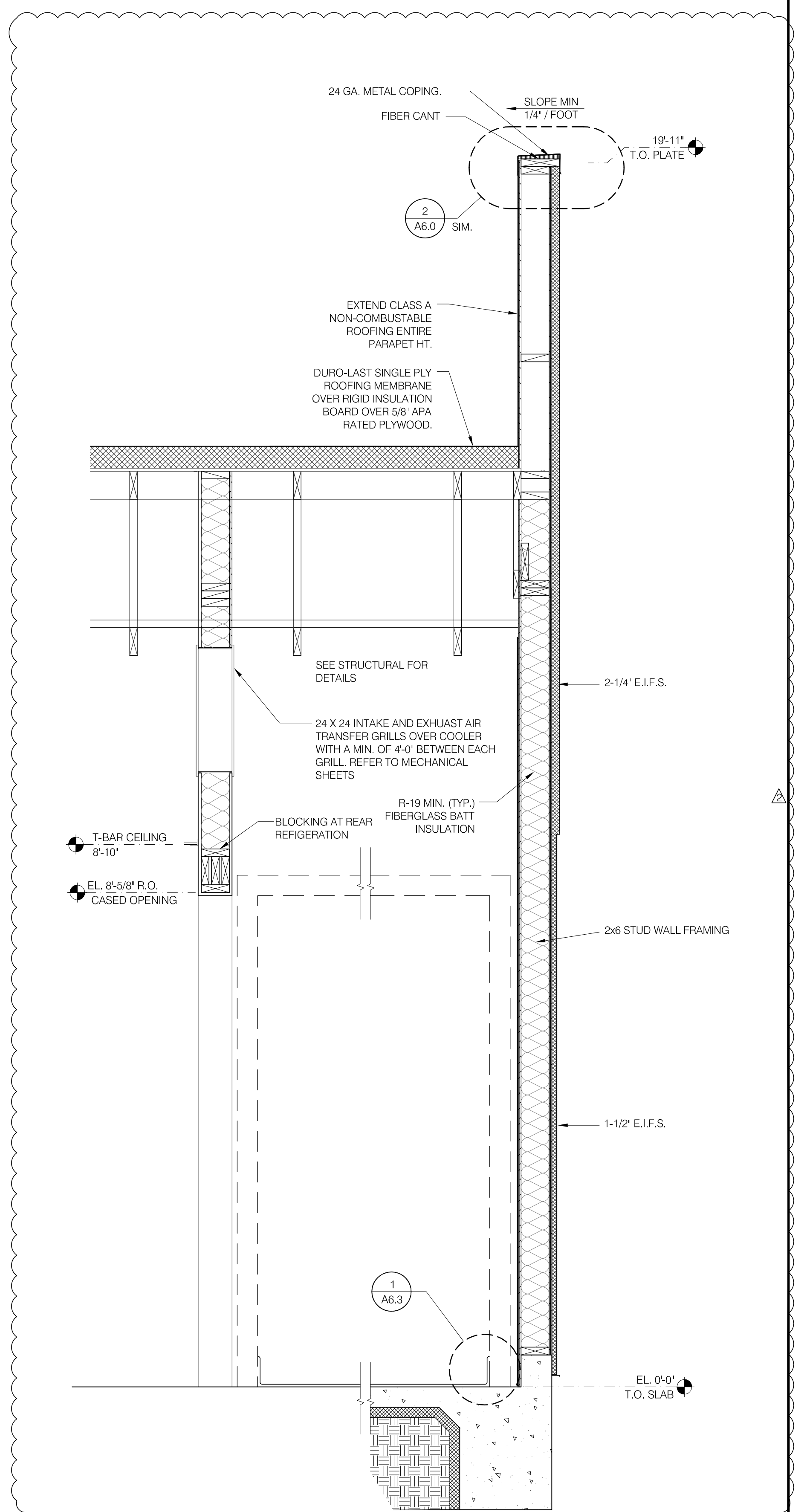
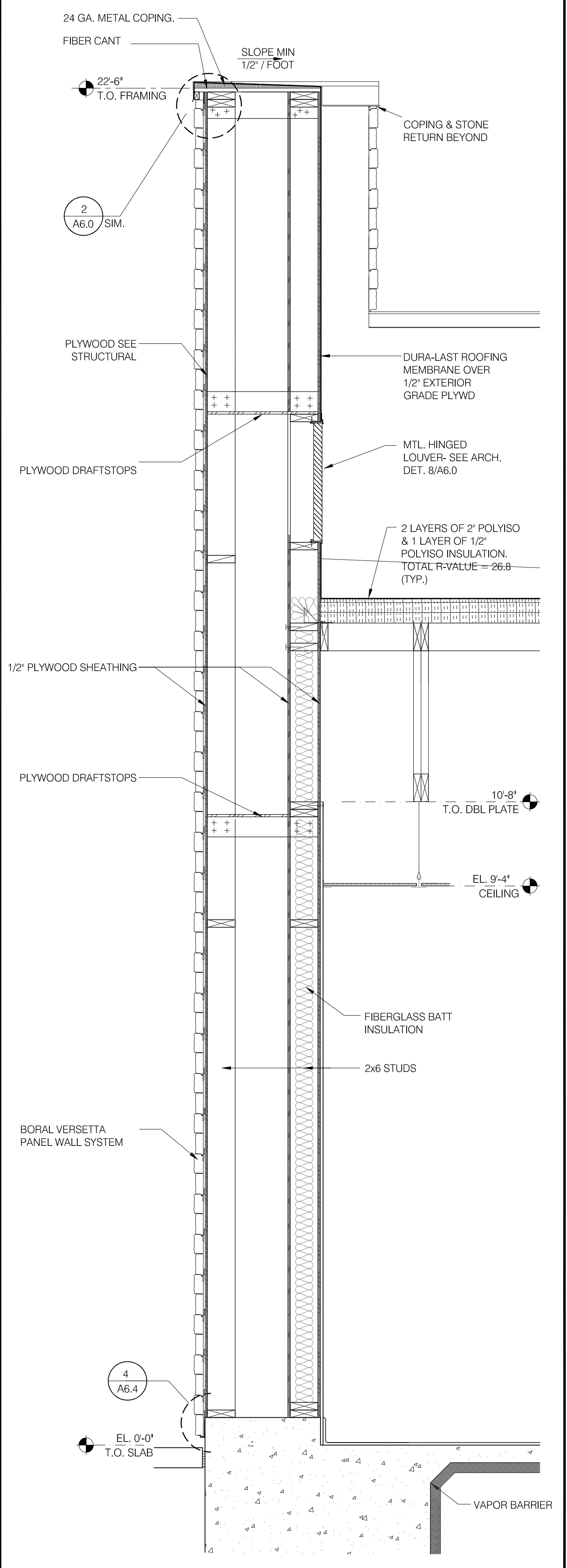
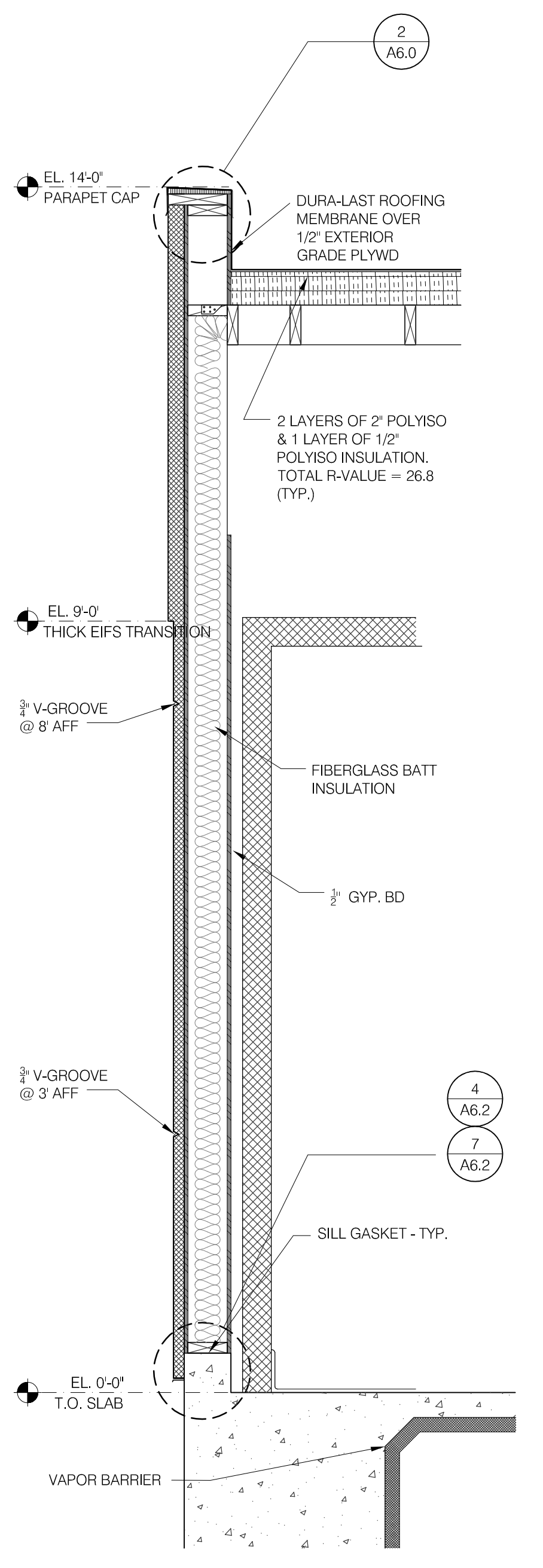
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1300 HOLTON LANE
TAKOMA PARK, MD 20912



WALL SECTIONS

A5.1
PLOT DATE: 4-12-16



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ADDRESS CHANGE	
4.07.16	REVIEW COMMENTS

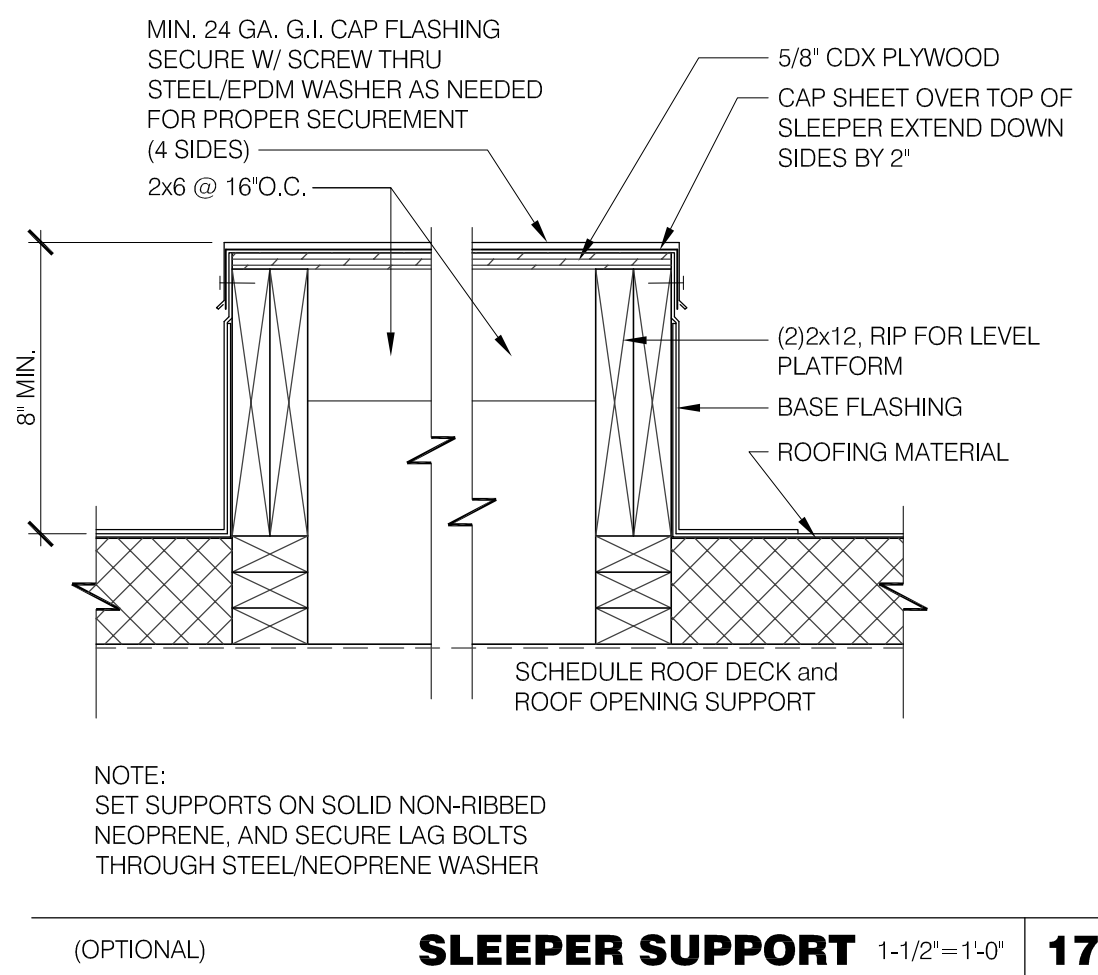
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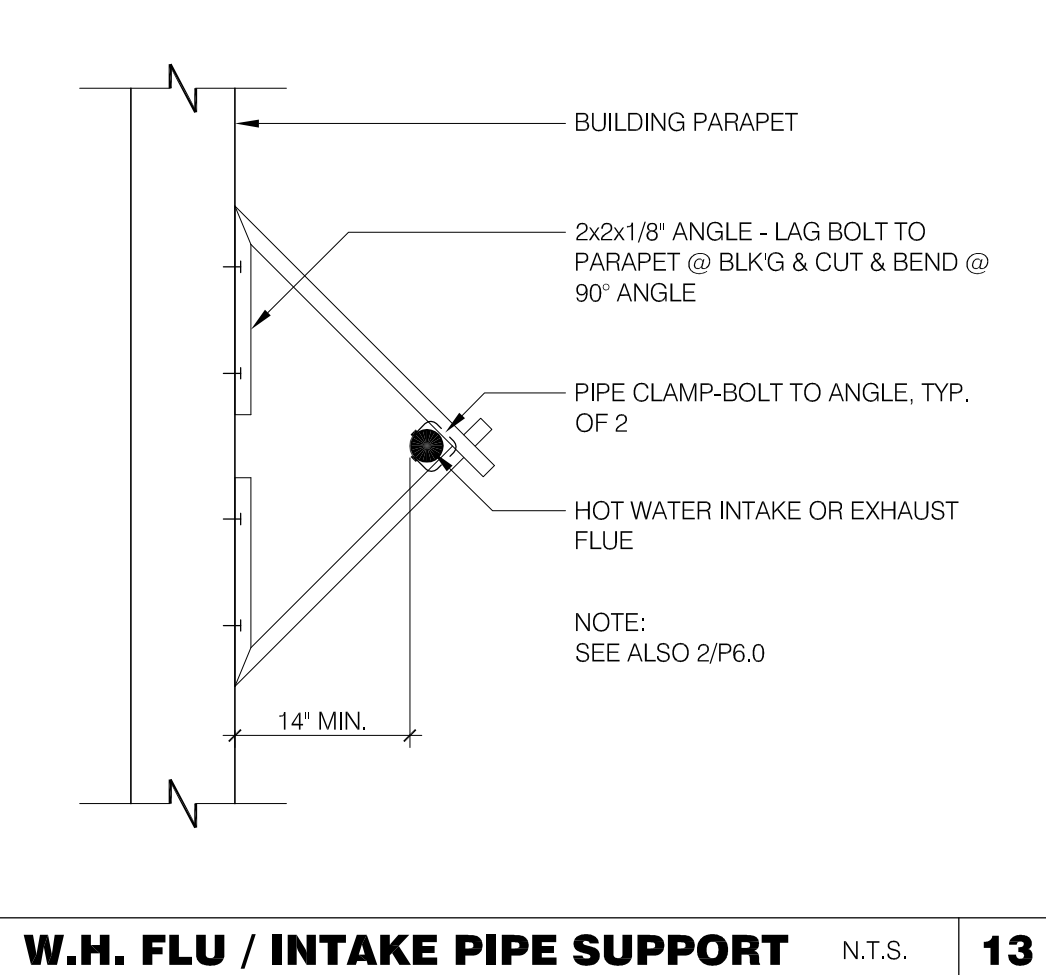


WALL SECTIONS

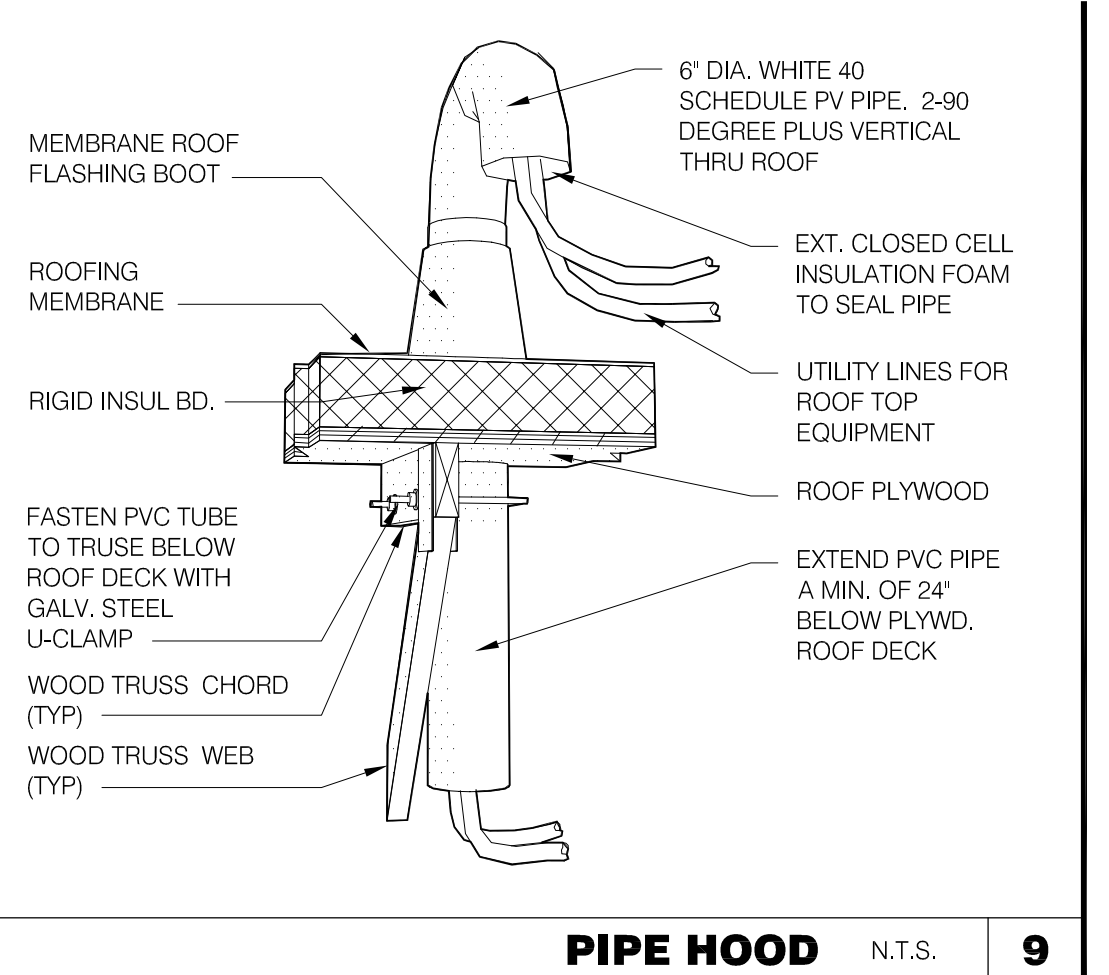
A5.2
 PLOT DATE: 4-12-16



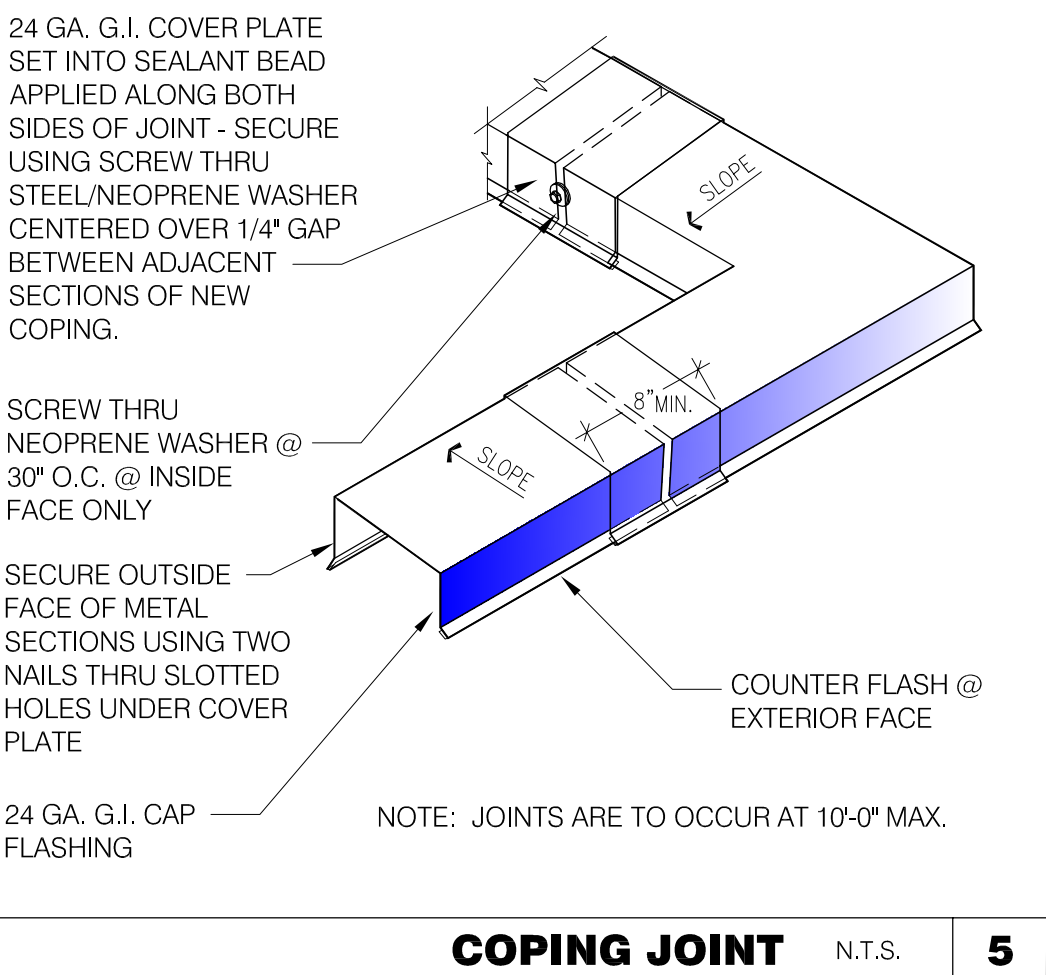
SLEEPER SUPPORT 1-1/2" = 1'-0" 17



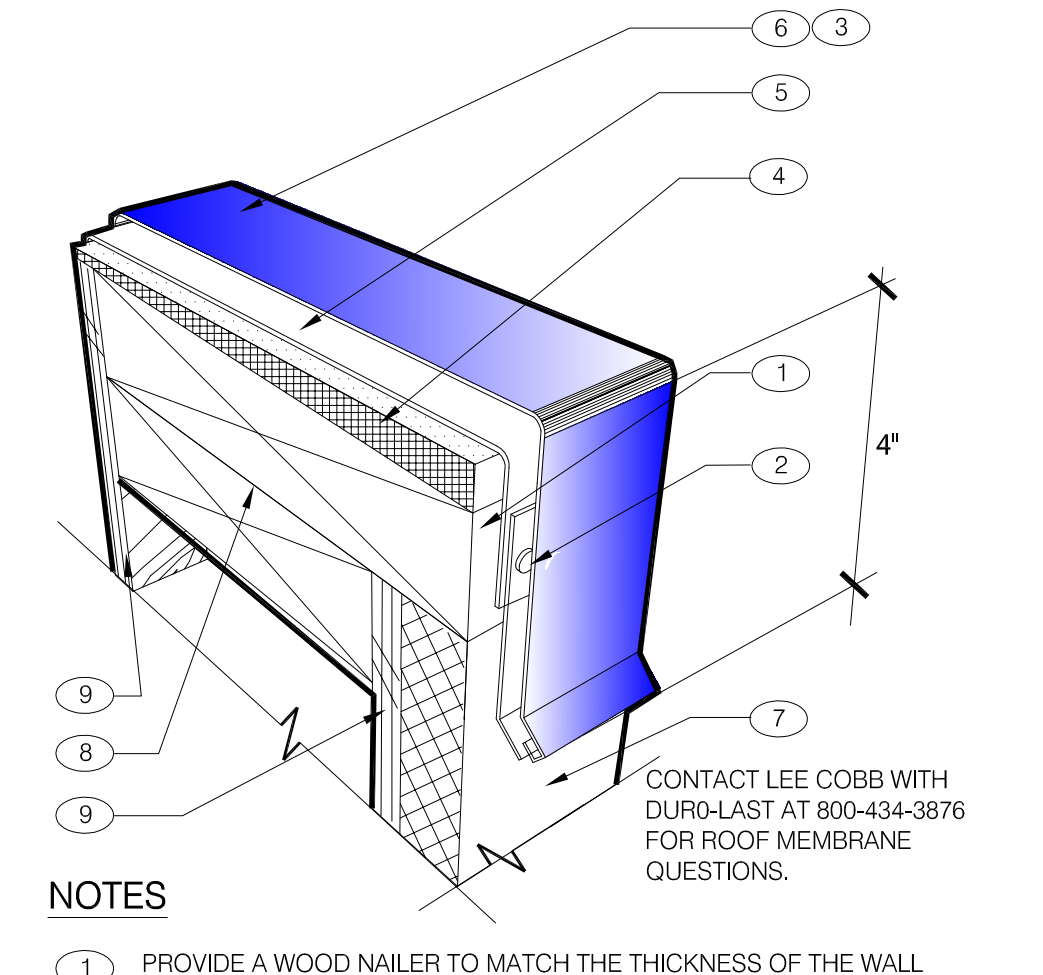
W.H. FLU / INTAKE PIPE SUPPORT N.T.S. 13



PIPE HOOD N.T.S. 9

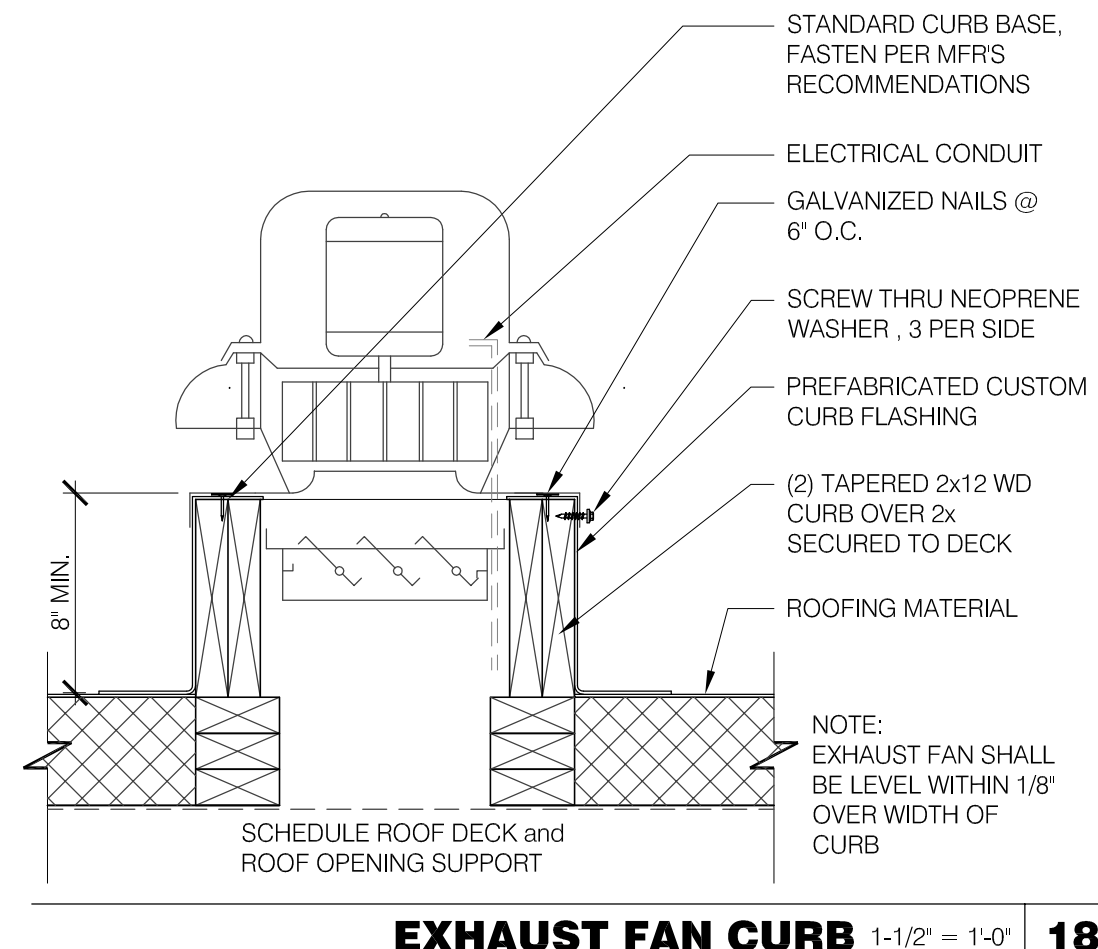


COPING JOINT N.T.S. 5

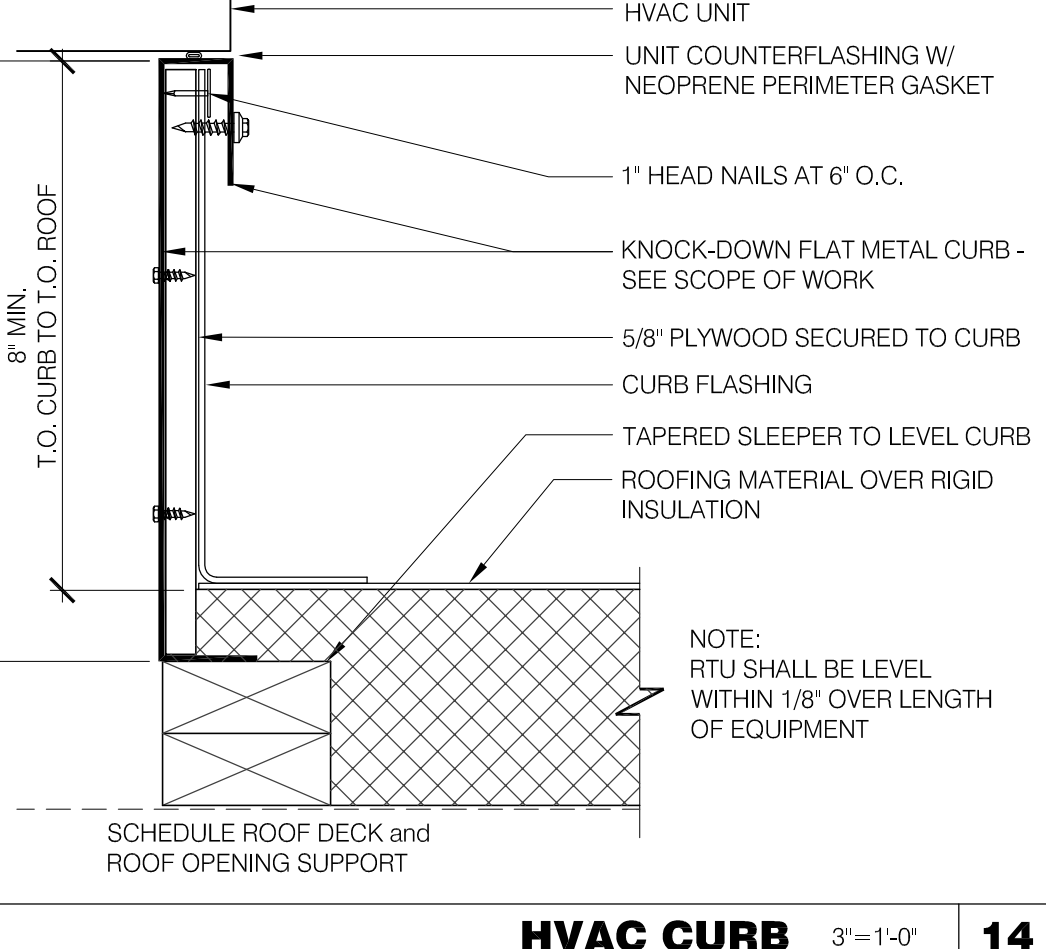


- 1 PROVIDE A WOOD NAILER TO MATCH THE THICKNESS OF THE WALL FINISH. APPROX. 1" THICK IS TYPICAL BUT MAY VARY. TOP OF WOOD NAILER SHALL BE FLUSH WITH TOP OF WALL FINISH. THE WOOD NAILER SHALL EXTEND AT LEAST 1/2" INCH BEYOND THE LOWER HORIZONTAL EDGE OF THE PARAPET COPING TO ALLOW FOR PROPER FASTENING.
- 2 FASTENERS USED TO ATTACH THE COPING TO WOOD NAILERS, MUST BE SPACED NO GREATER THAN 18 - INCHES ON-CENTER.
- 3 ALLOW FOR 1/8 - INCH EXPANSION GAP BETWEEN 10-FOOT LENGTHS OF COPING. PROVIDE A COPING JOINT COVERS BETWEEN ENDS OF COPING PIECES AND AT CORNERS. JOINT COVERS SHOULD BE MADE FROM THE SAME MATERIAL AS THE COPING AND SHOULD LAP THE JOINTS A MINIMUM OF 6" ON EITHER SIDE. JOINT COVERS SHALL BE FASTENED THE SAME WAY AS THE COPING.
- 4 FIBER CANT STRIP SLOPED 1/4:12 TOWARDS ROOF..
- 5 ROOF MEMBRANE
- 6 FACTORY PAINTED 24 GAUGE METAL COPING WITH 4" DROP FRONT, BACK AND ENDS (WHERE SHOWN).
- 7 WALL FINISH: TYPICALLY 1" THK EIFS OR 7/8" THK STUCCO
- 8 DOUBLE 2X TOP PLATE
- 9 PLYWOOD SUBSTRATE. SEE SHEET A1.0 & S2.0 FOR ADDITIONAL DETAILS

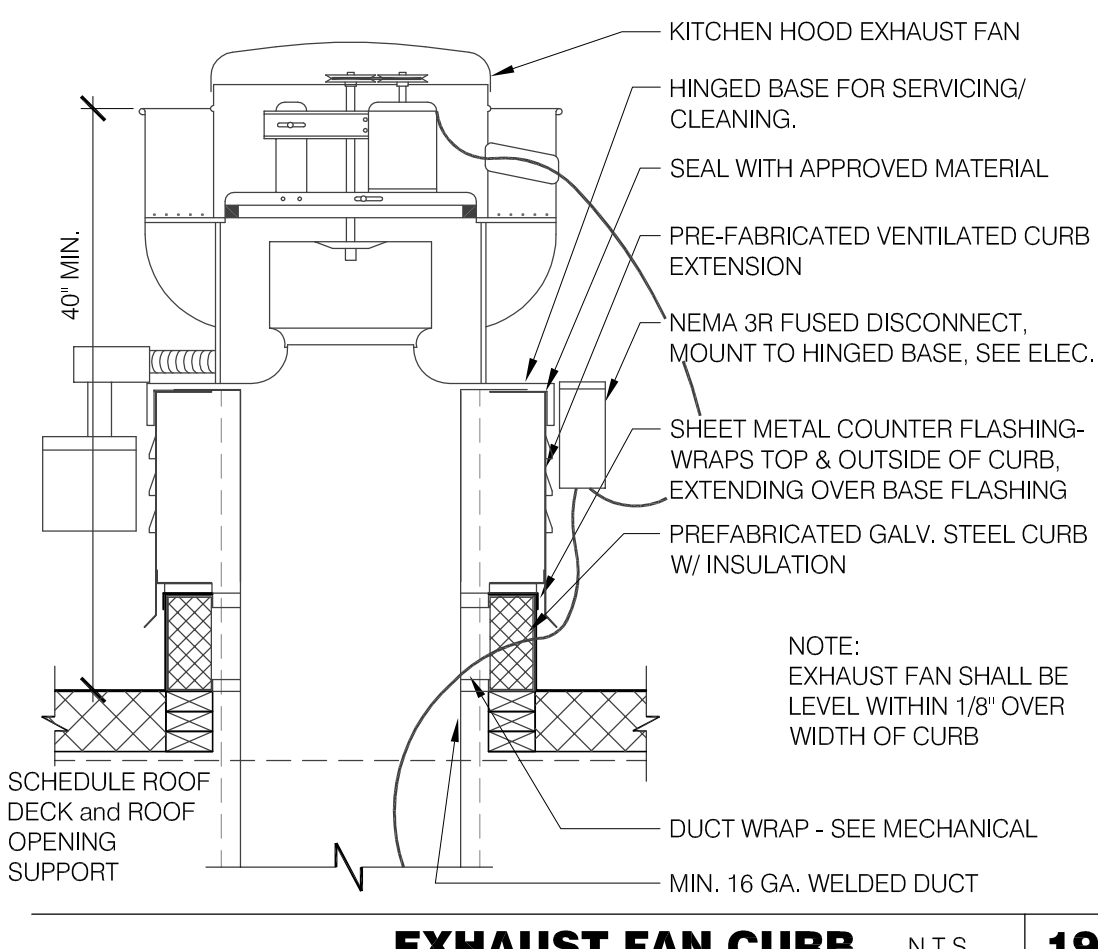
PARAPET CAP N.T.S. 2



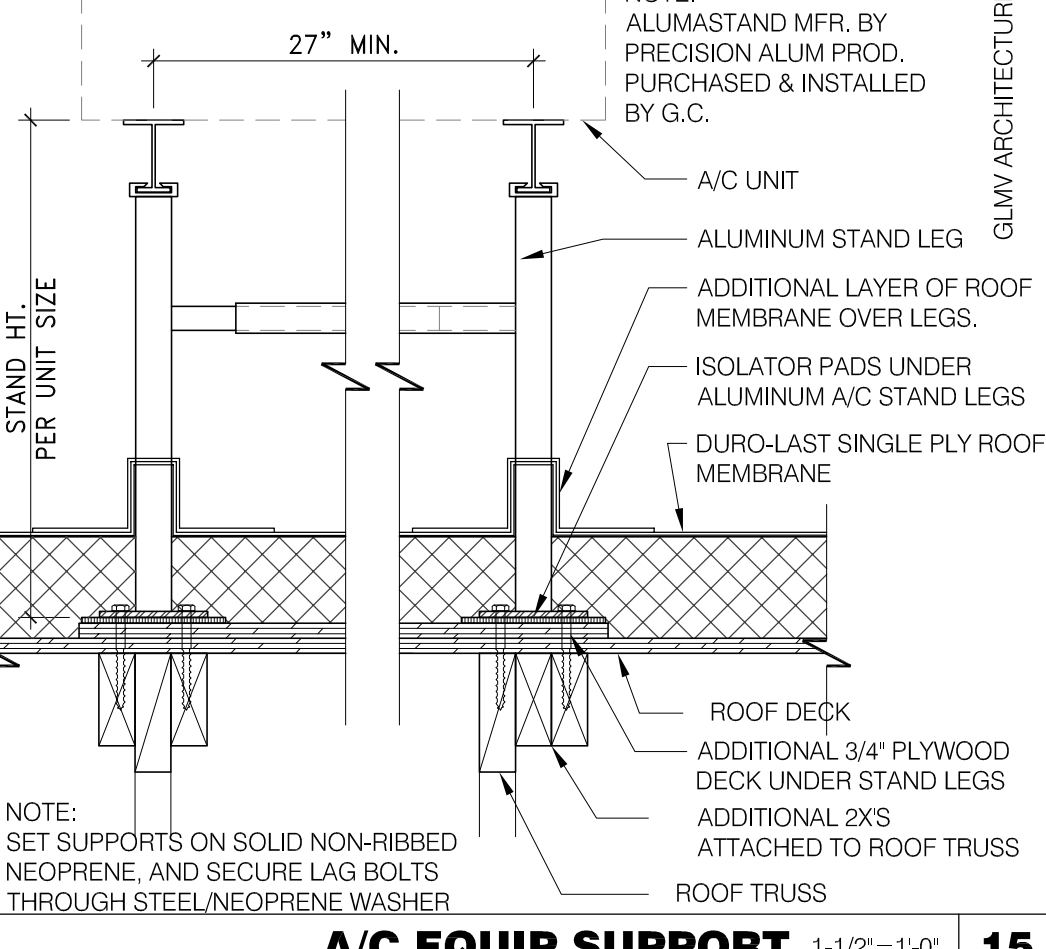
EXHAUST FAN CURB 1-1/2" = 1'-0" 18



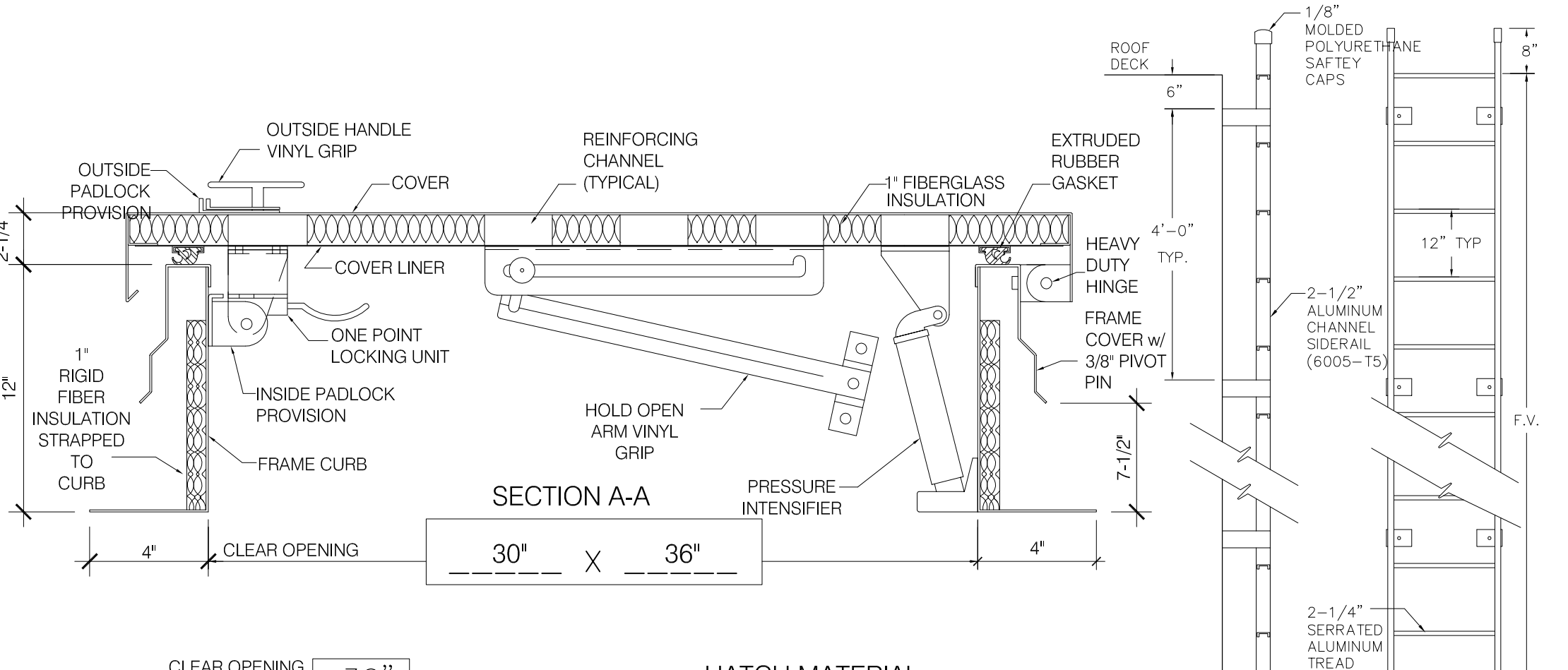
HVAC CURB 3" = 1'-0" 14



EXHAUST FAN CURB N.T.S. 19



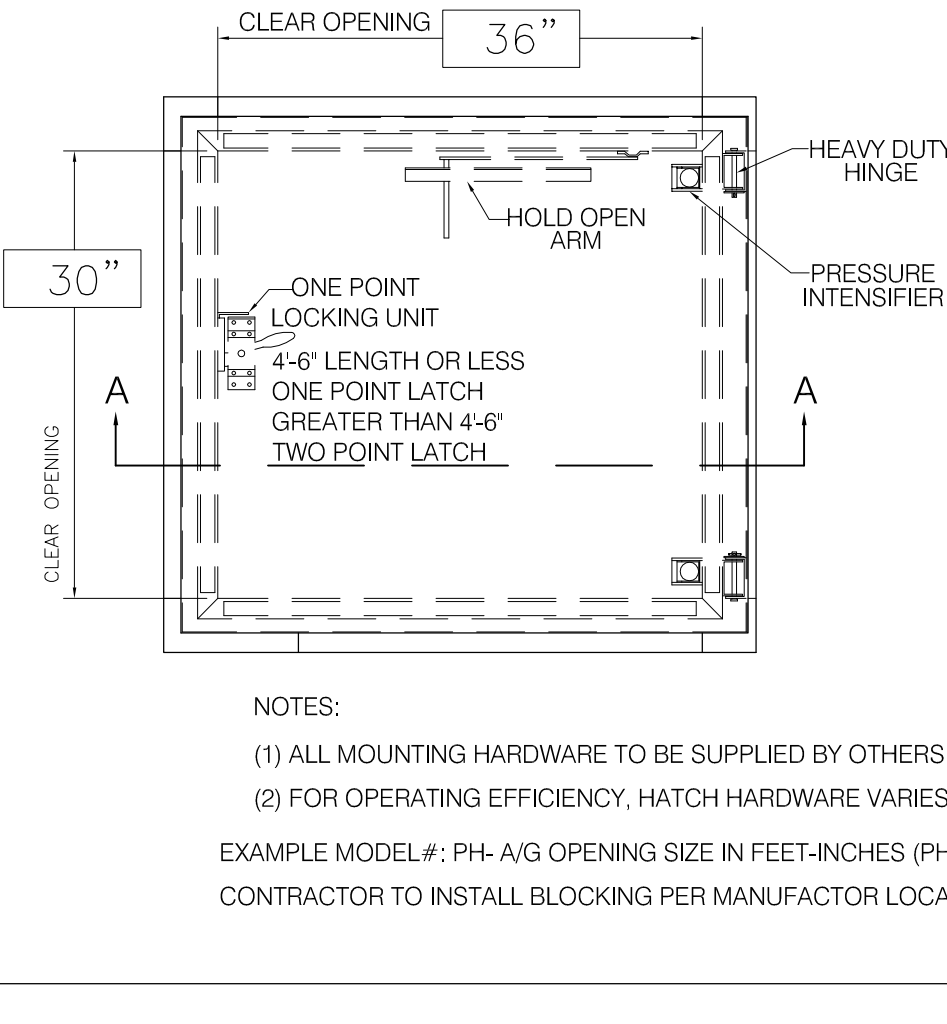
A/C EQUIP SUPPORT 1-1/2" = 1'-0" 15



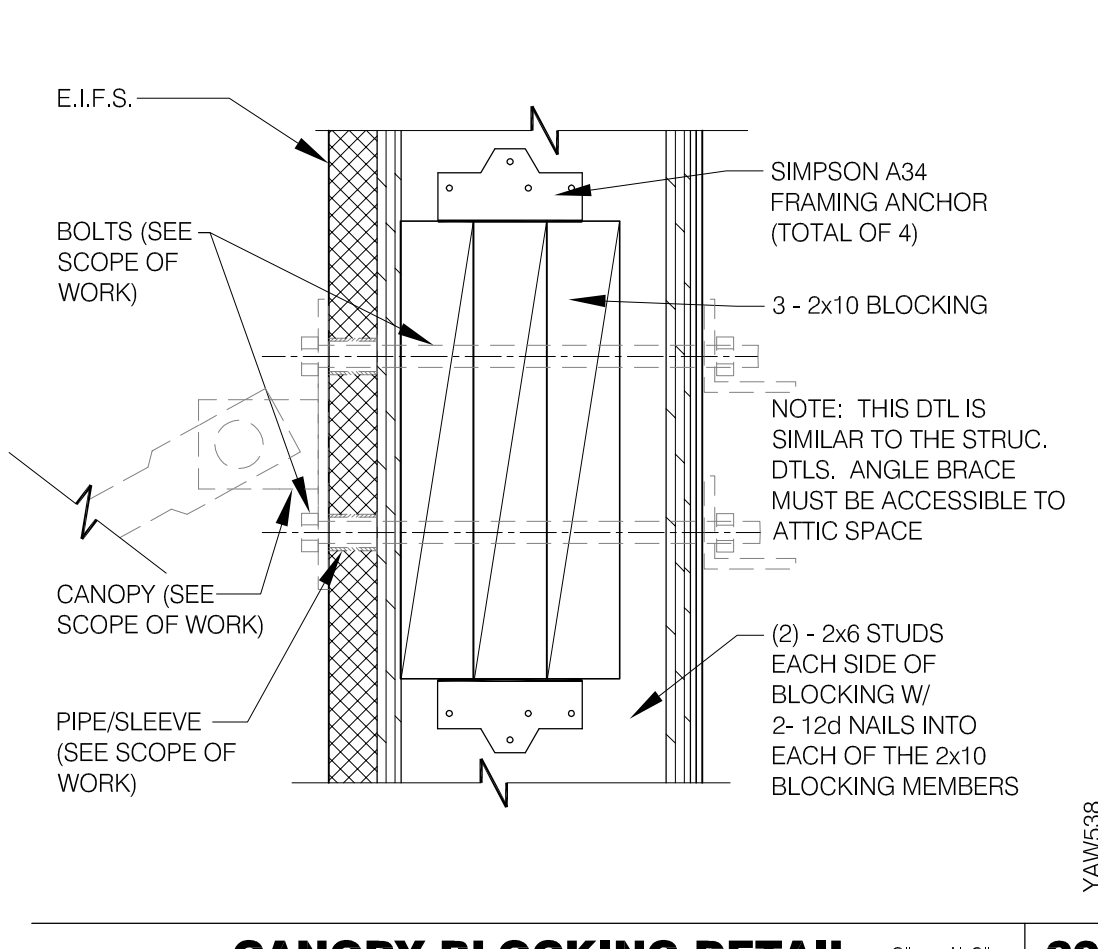
HATCH MATERIAL:
 GALVANIZED STEEL (PRIME PAINTED)
 COVER - 14 GA. GALV STEEL
 FRAME COVER - 14 GA. GALV STEEL
 FRAME CURB - 14 GA. GALV STEEL
 COVER LINER - 22 GA. GALV STEEL

HATCH FINISH:
 GALV - PRIME PAINTED

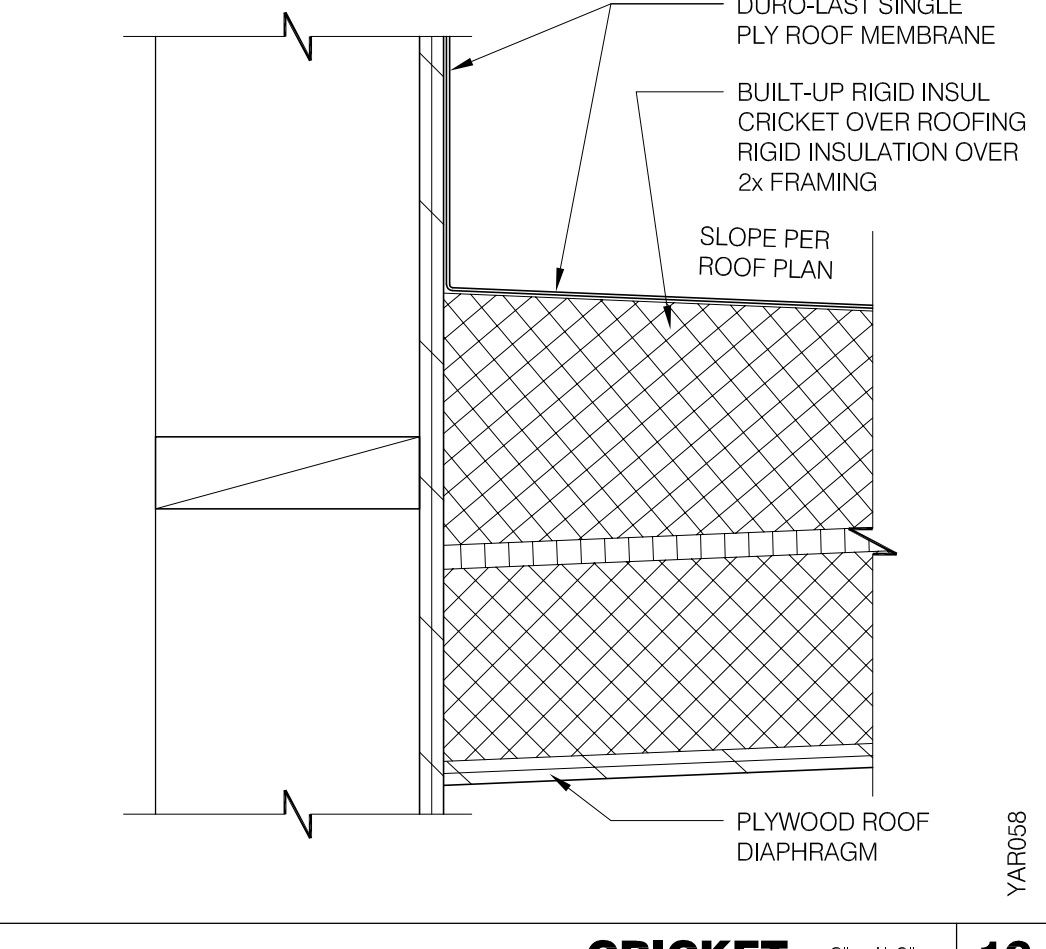
MANUFACTURER:
 PRECISION LADDERS, LLC OR EQUAL



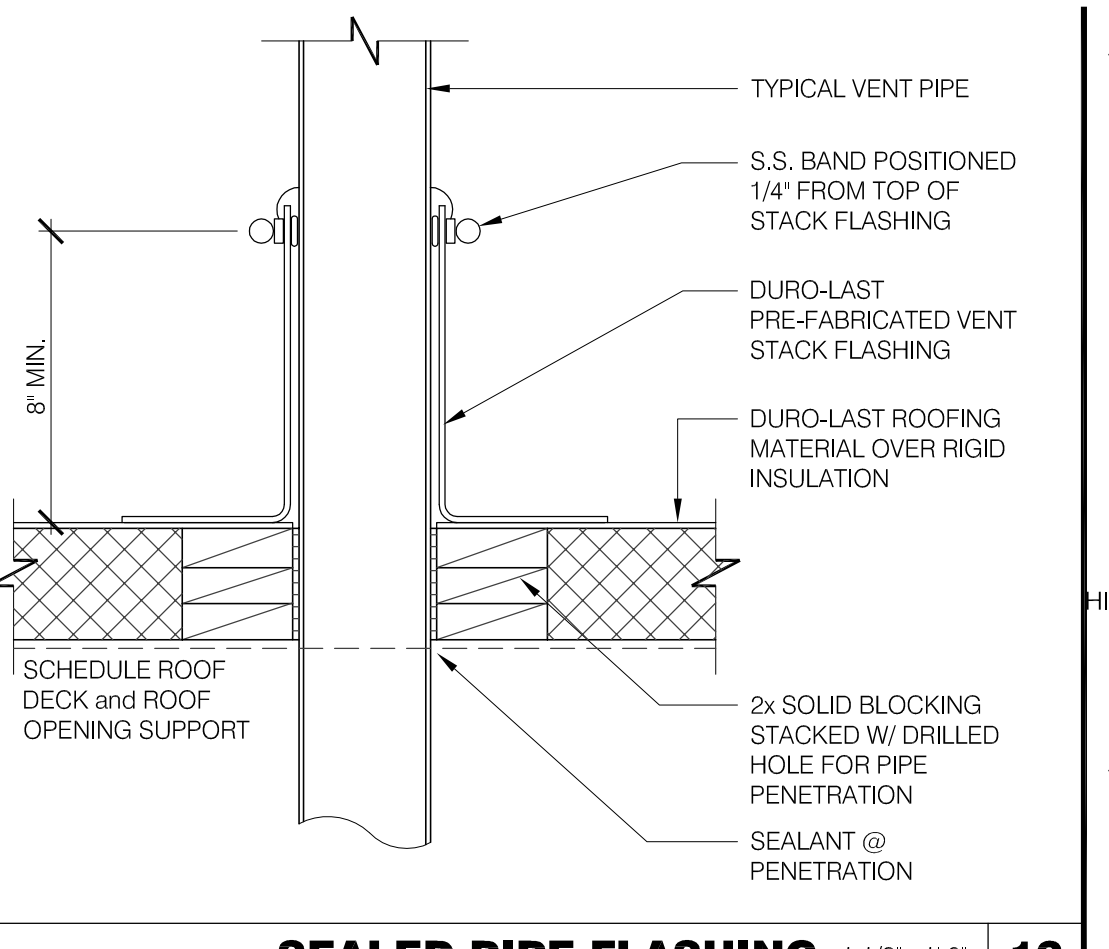
ROOF LADDER AND HATCH 1" = 1'-0" 7



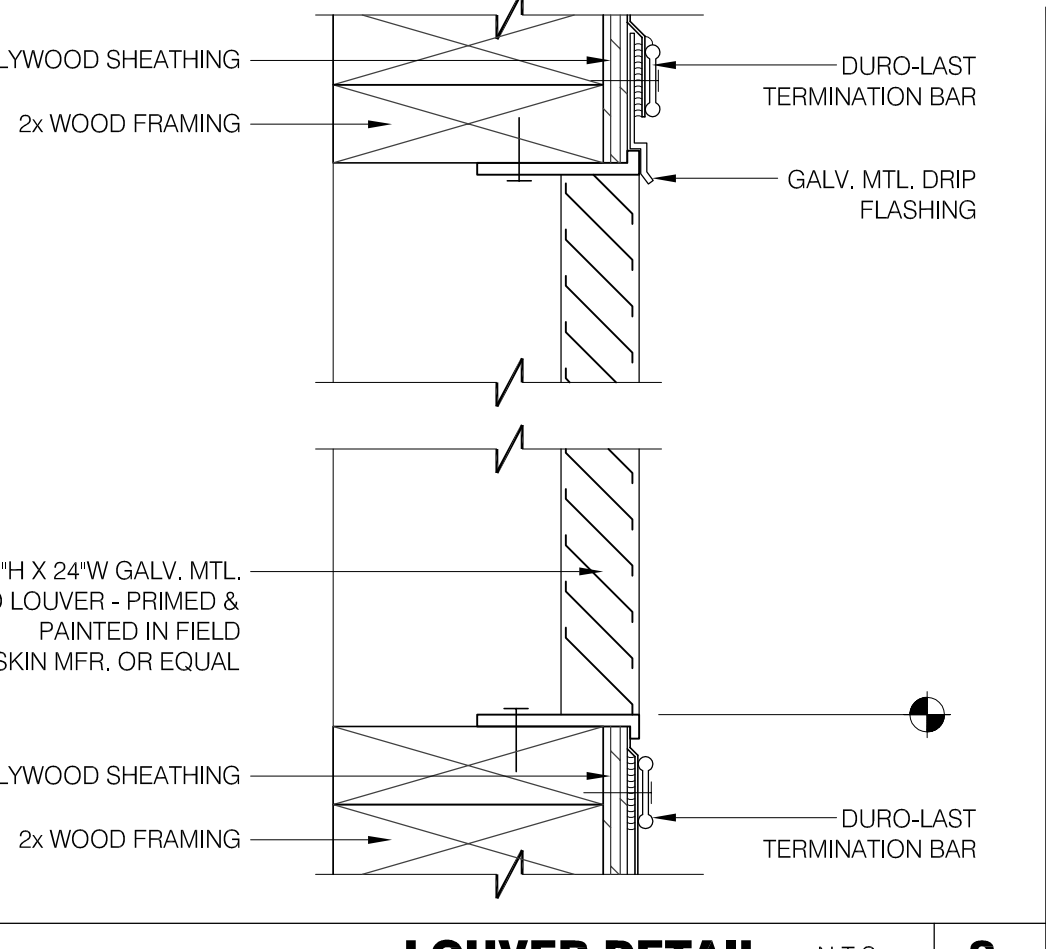
CANOPY BLOCKING DETAIL 3" = 1'-0" 20



CRICKET 3" = 1'-0" 16



SEALED PIPE FLASHING 1 1/2" = 1'-0" 12



LOUVER DETAIL N.T.S. 8

NOT USED N.T.S. 4

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ARCHITECT
 MARYLAND
 STATE OF MARYLAND

15025.000

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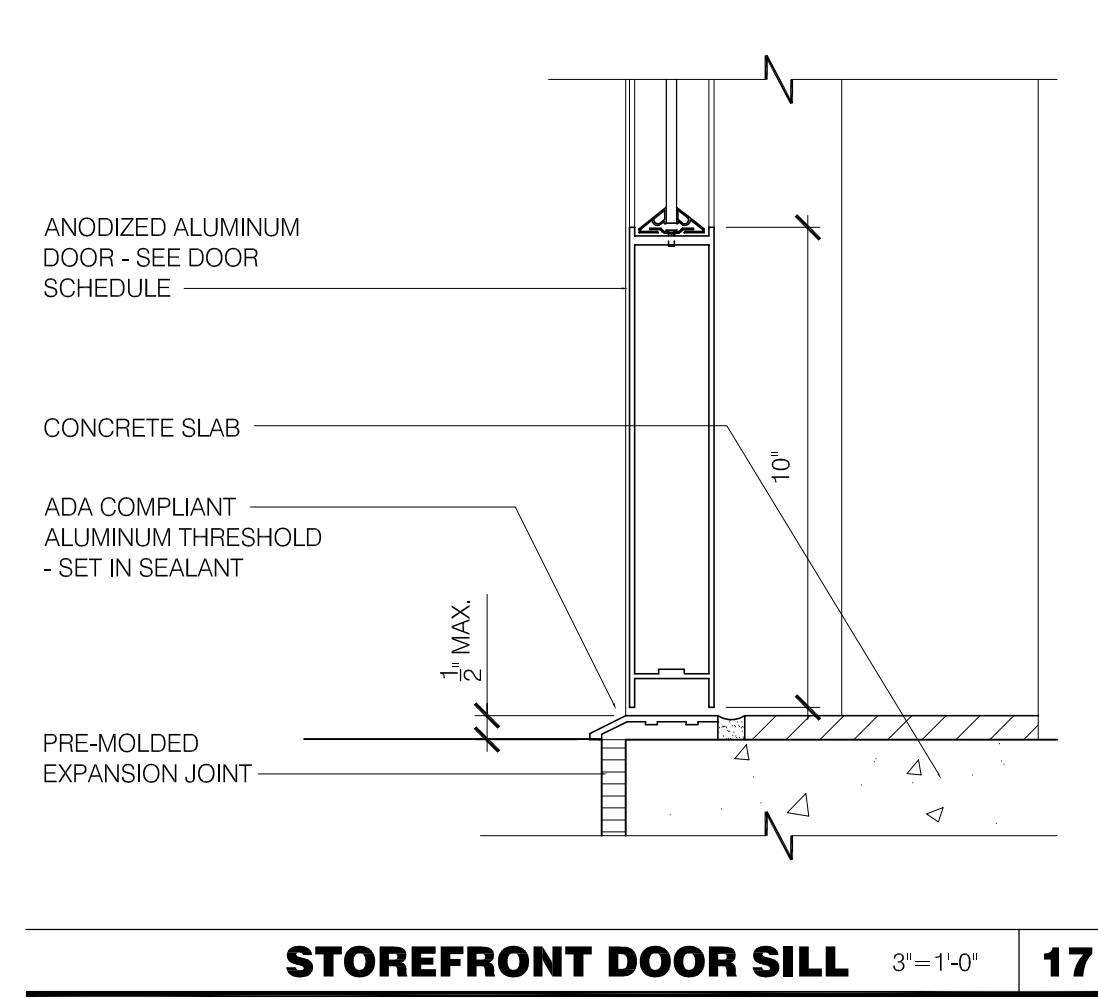
TACCO
 REBELL, L.L.P.

LIVE MAS
 MEDIUM40 - MODIFIED

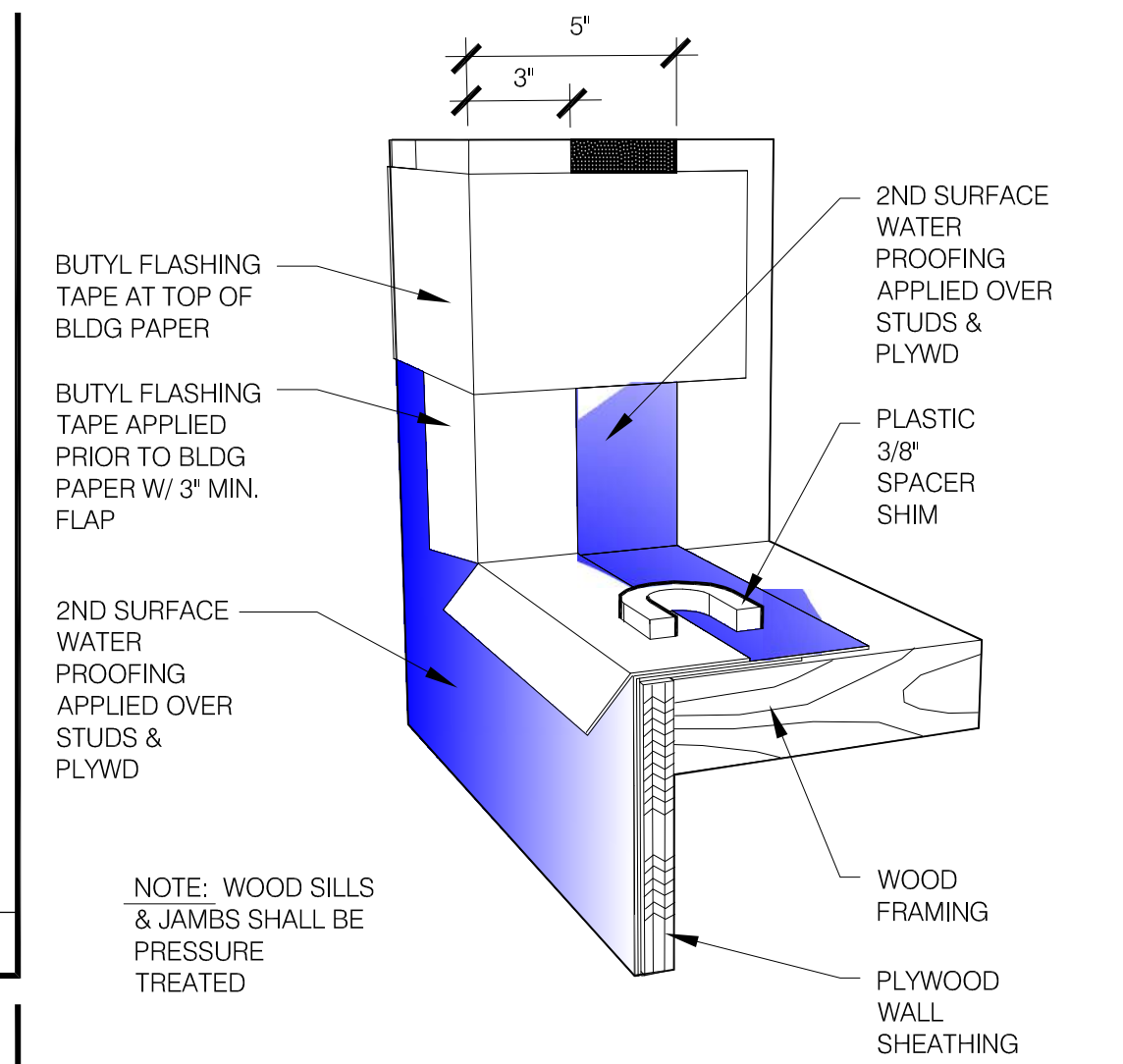
CONSTRUCTION
 DETAILS
 ROOF

A6.0

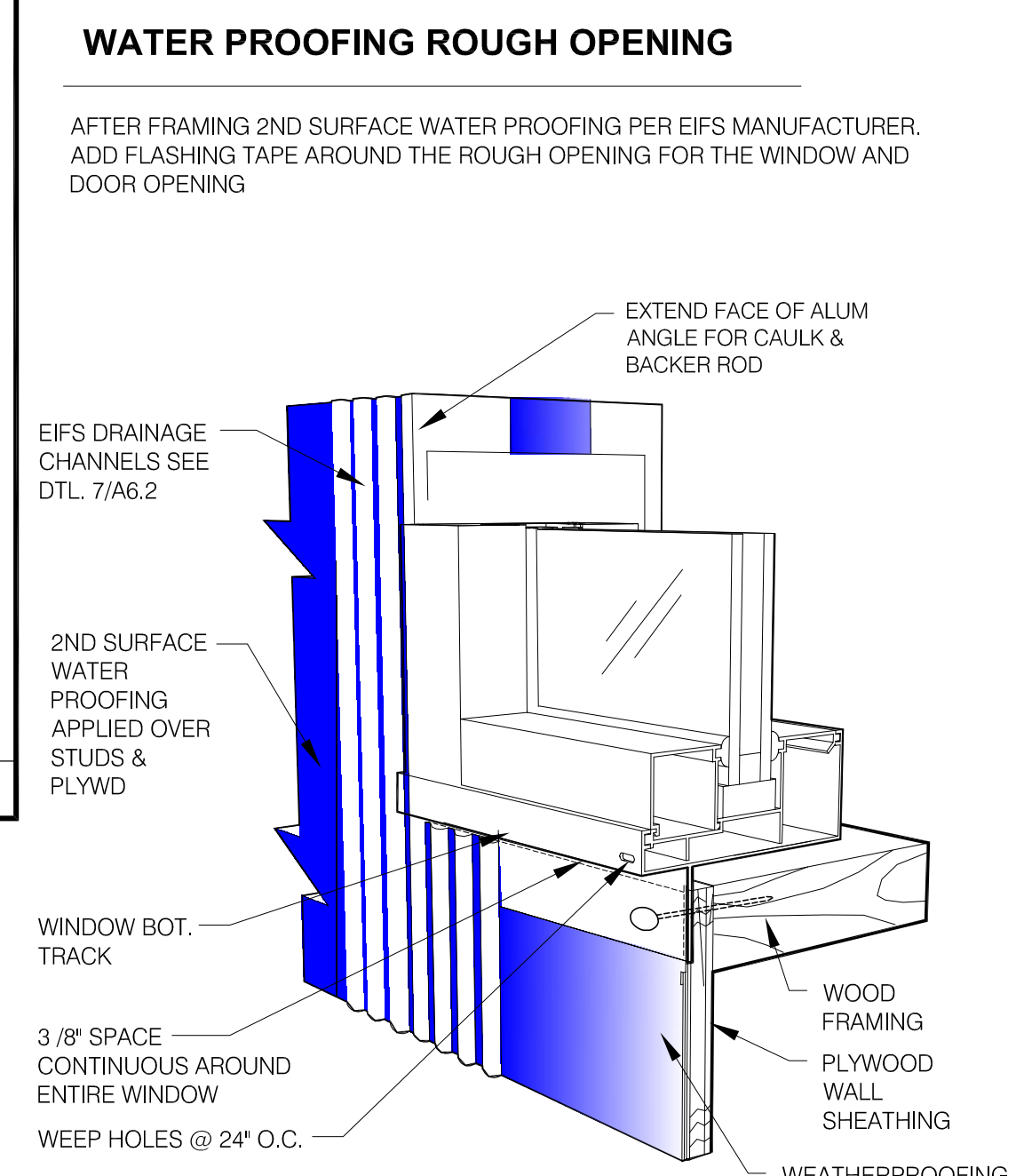
PLOT DATE: 1-04-16



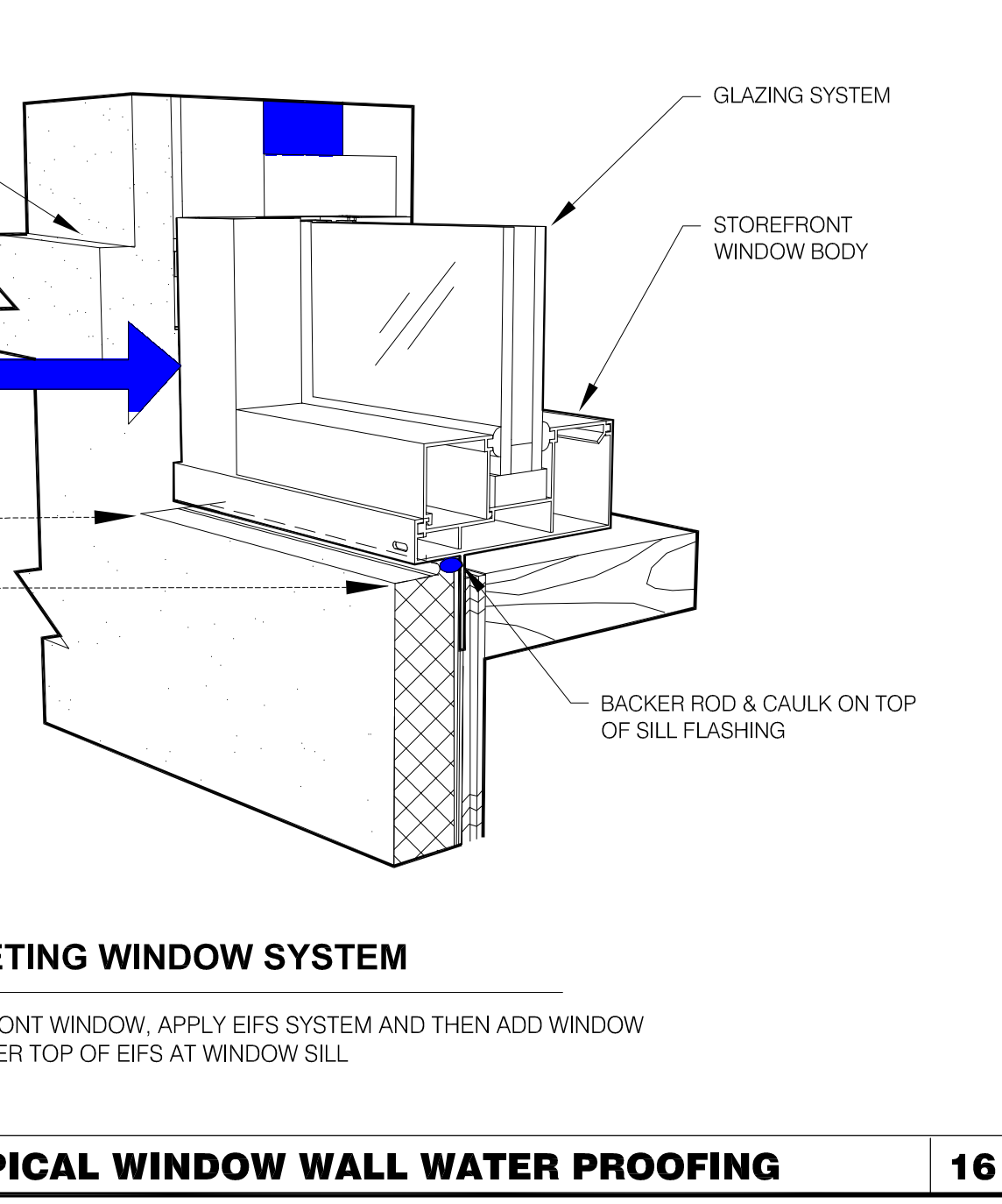
STOREFRONT DOOR SILL 3'-1-0" **17**



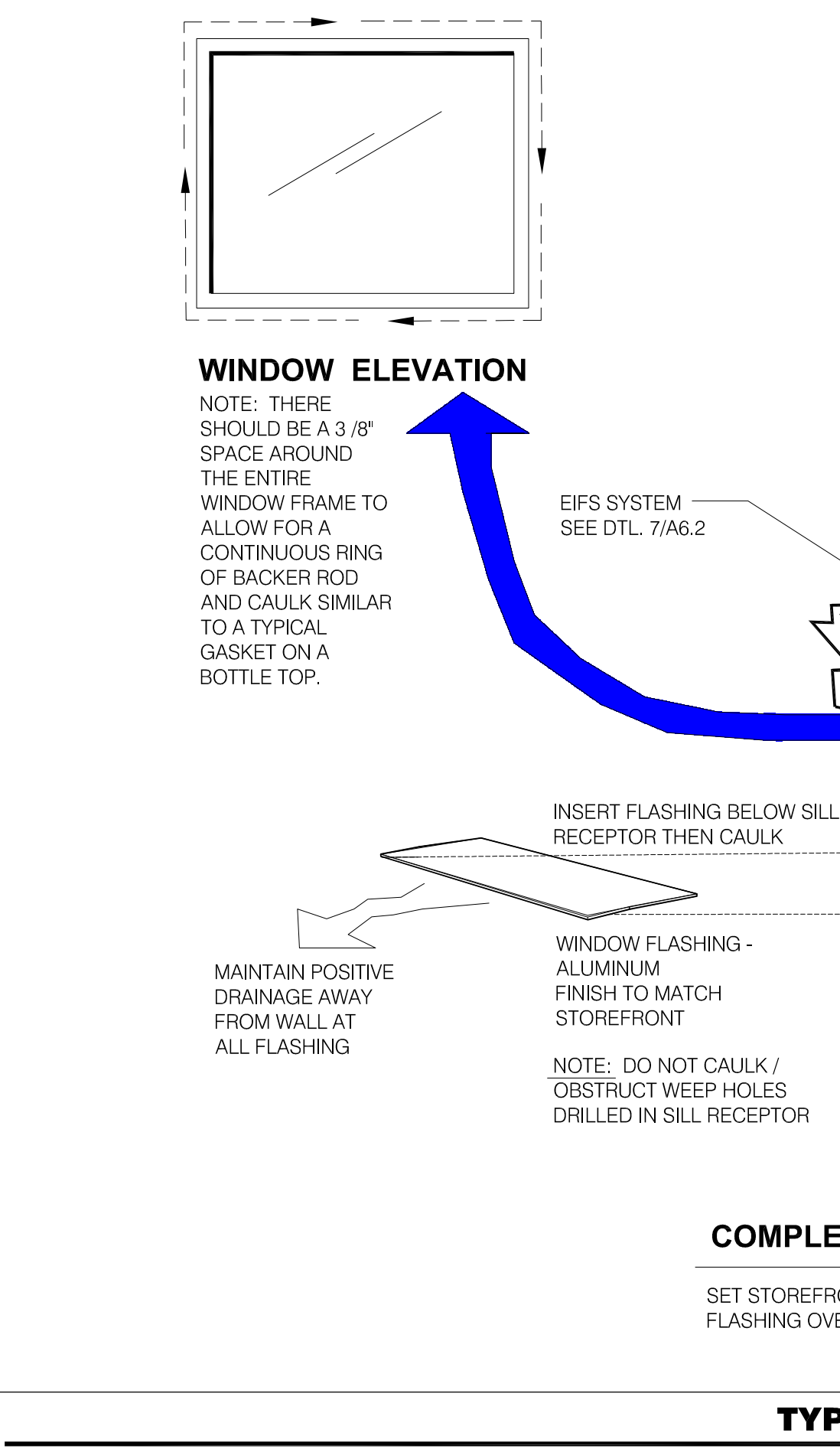
SILL @ FULL HEIGHT OPENINGS 3'-1-0" **18**



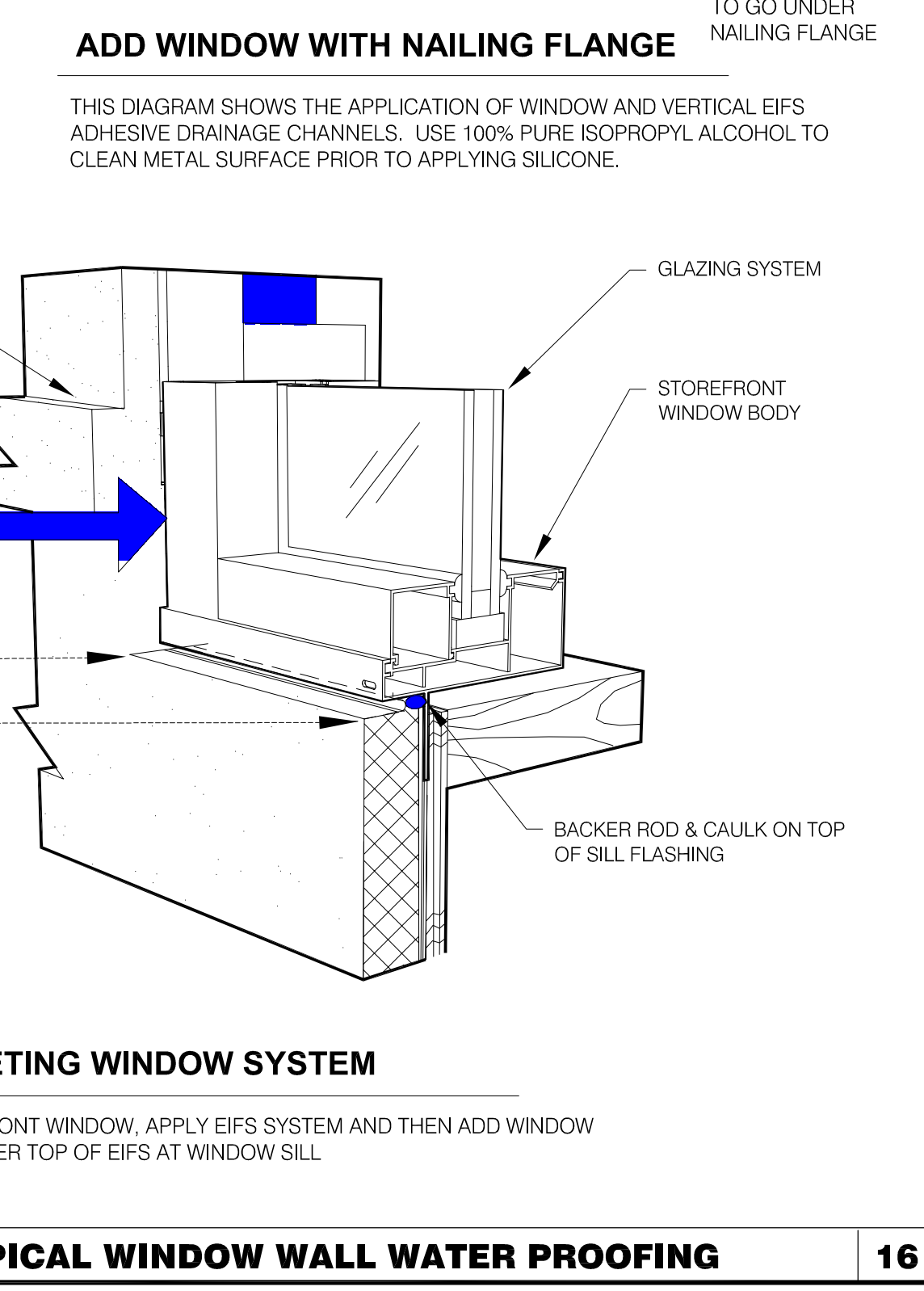
WATER PROOFING ROUGH OPENING



ADD WINDOW WITH NAILING FLANGE

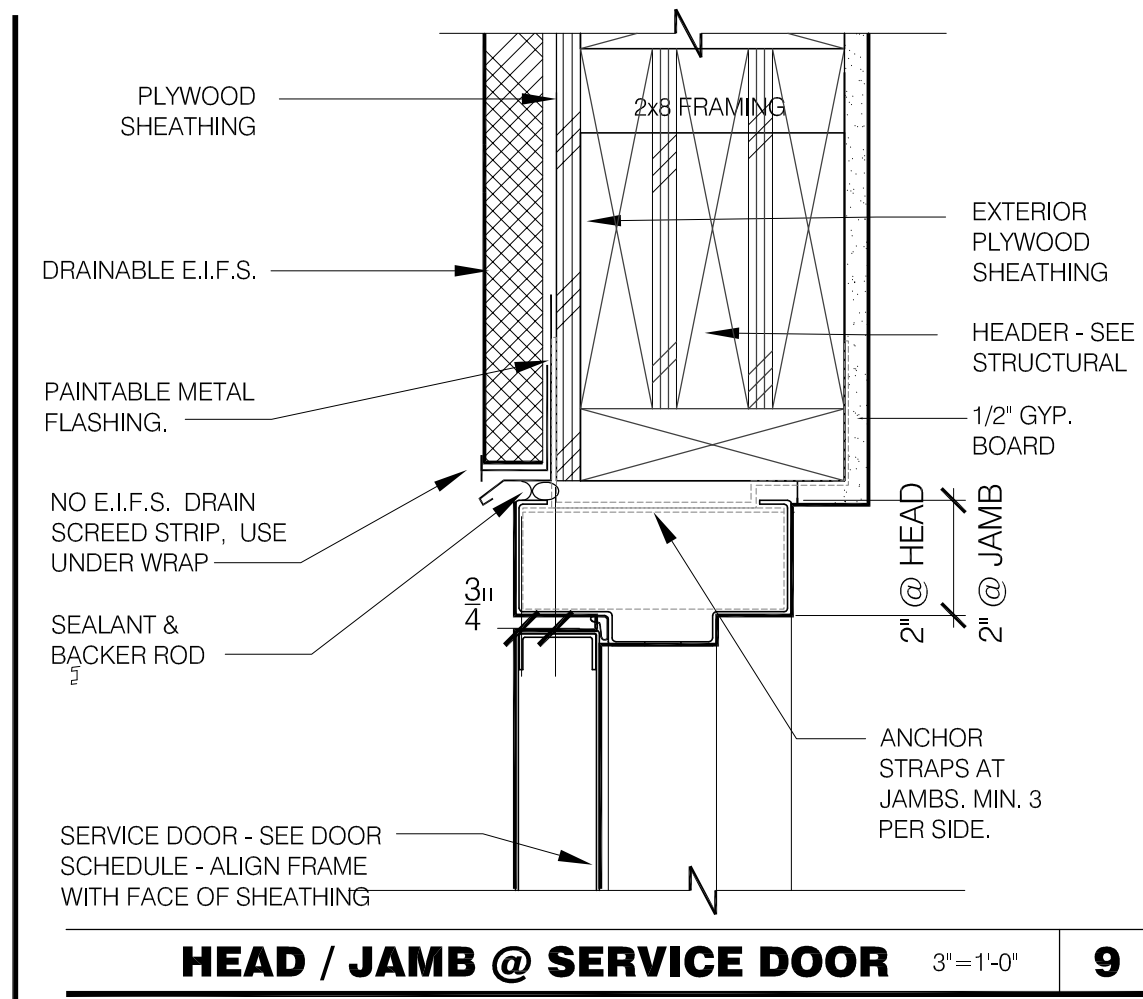


WINDOW ELEVATION

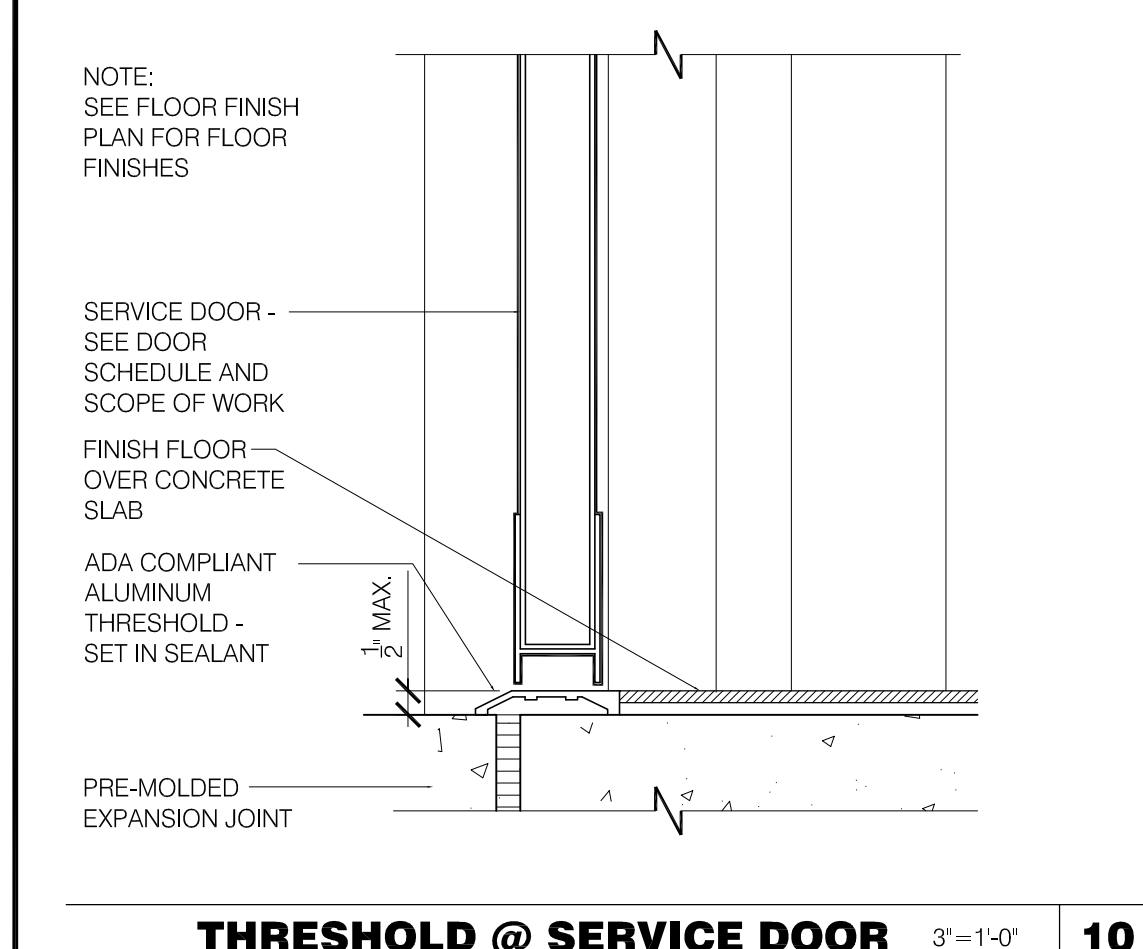


COMPLETING WINDOW SYSTEM

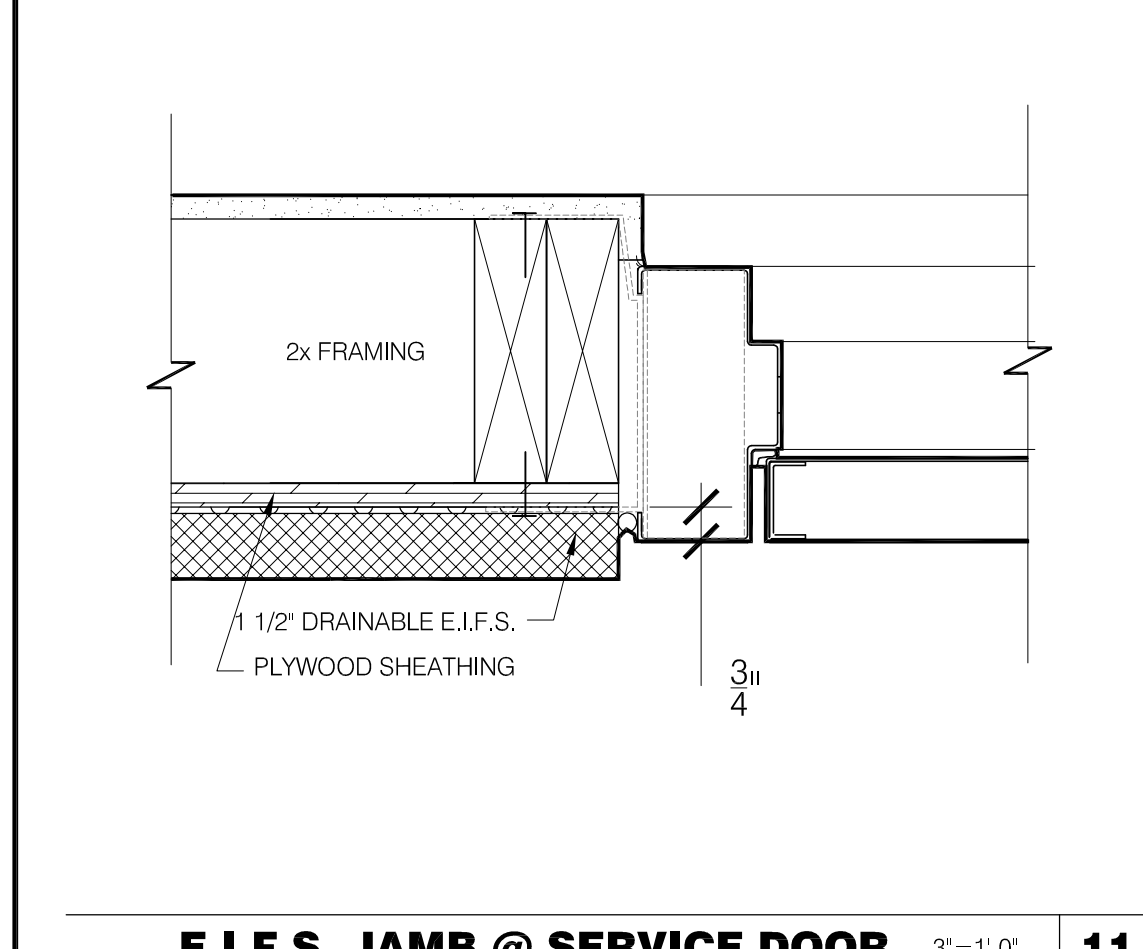
TYPICAL WINDOW WALL WATER PROOFING **16**



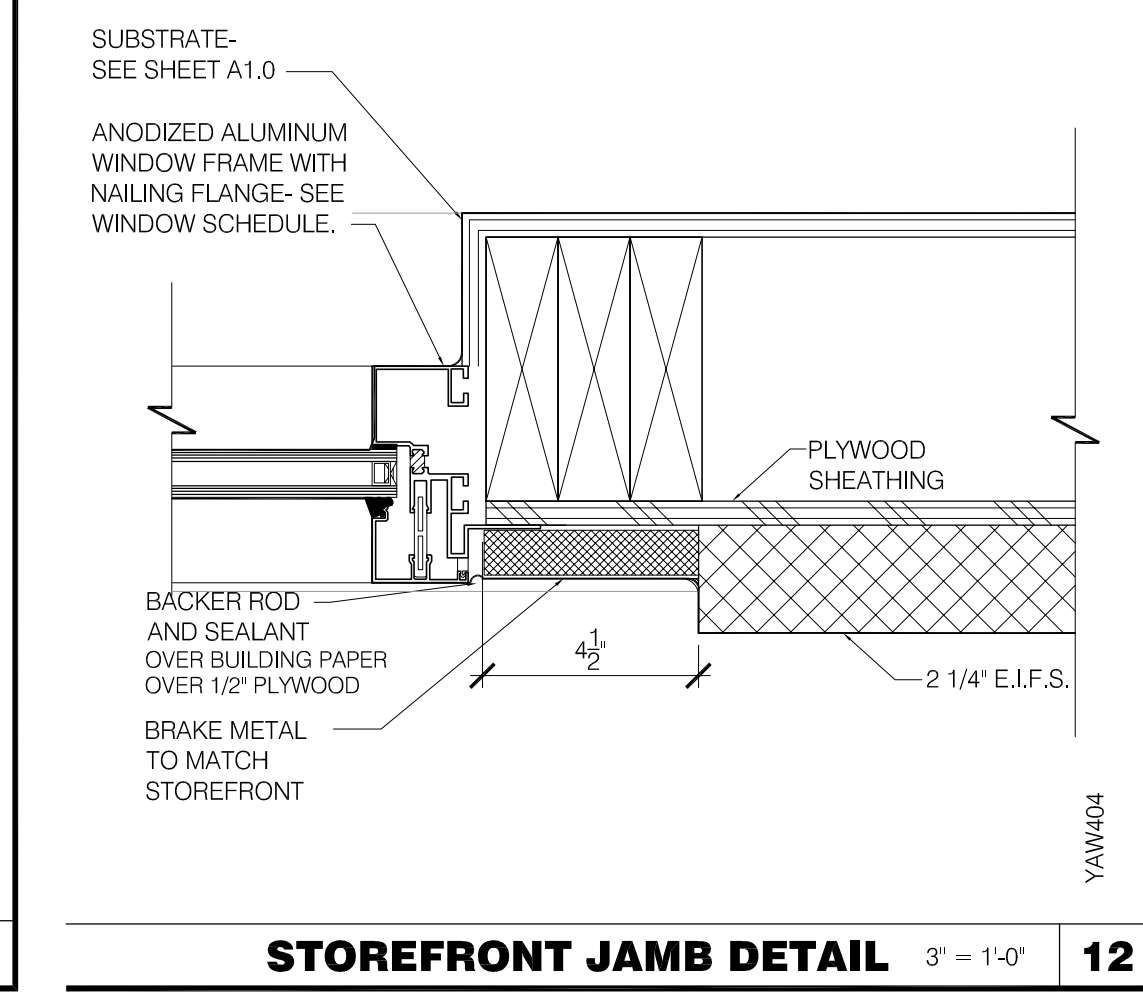
HEAD / JAMB @ SERVICE DOOR 3'-1-0" **9**



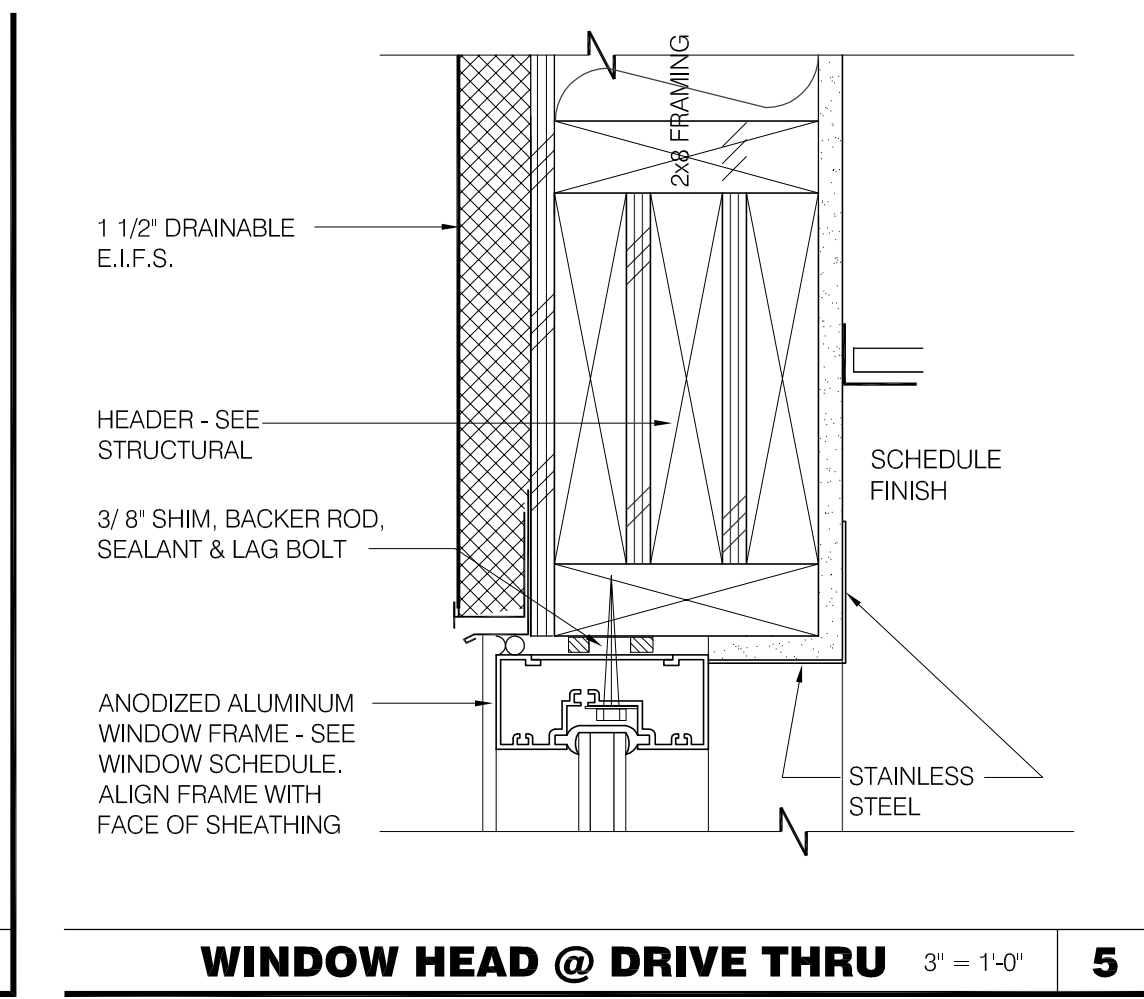
THRESHOLD @ SERVICE DOOR 3'-1-0" **10**



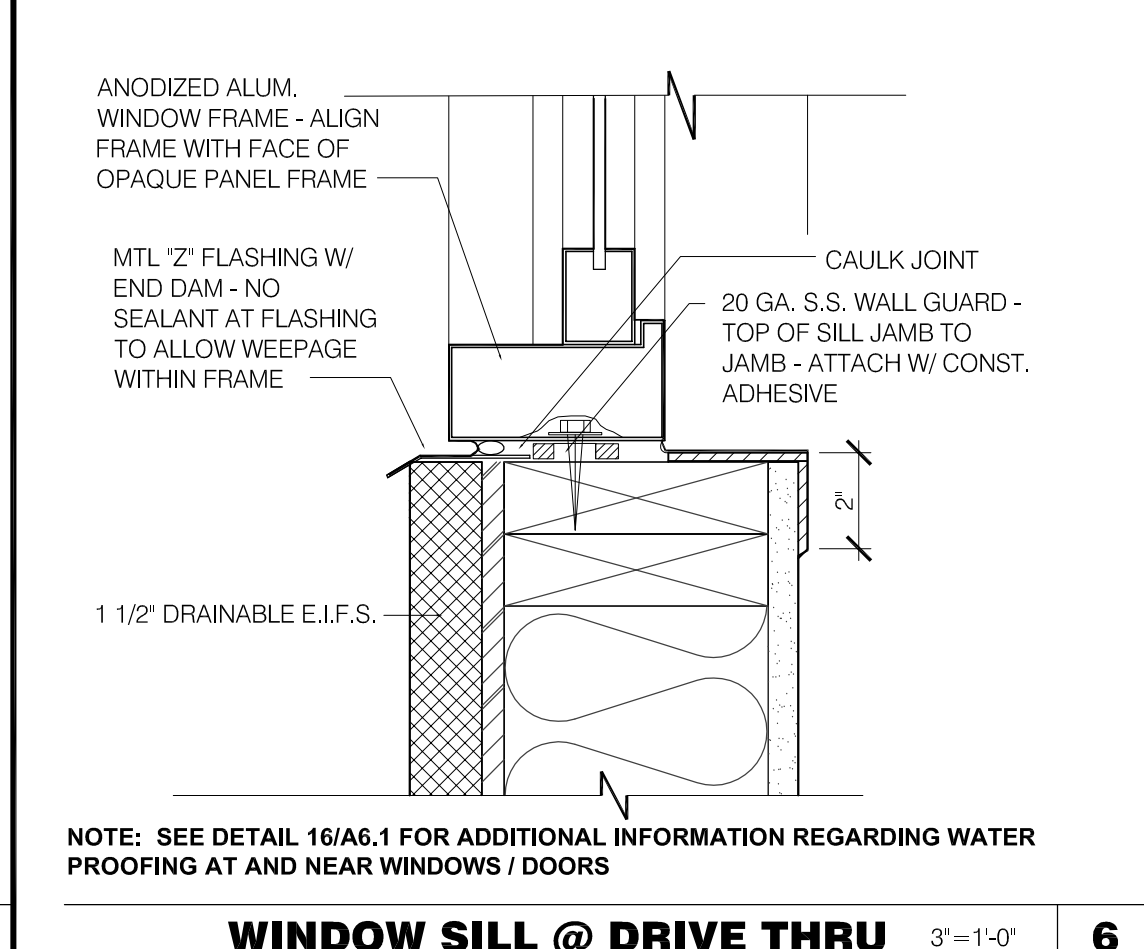
E.I.F.S. JAMB @ SERVICE DOOR 3'-1-0" **11**



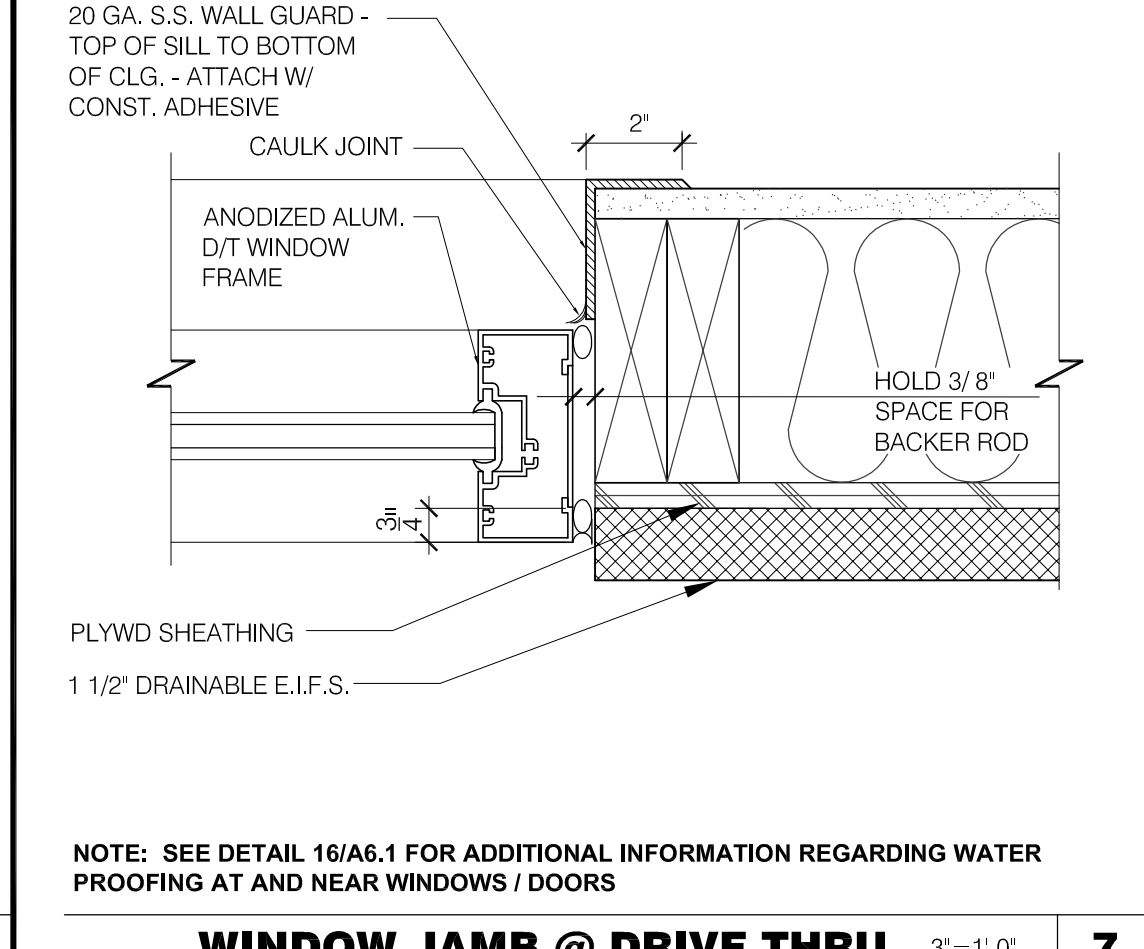
STOREFRONT JAMB DETAIL 3'-1-0" **12**



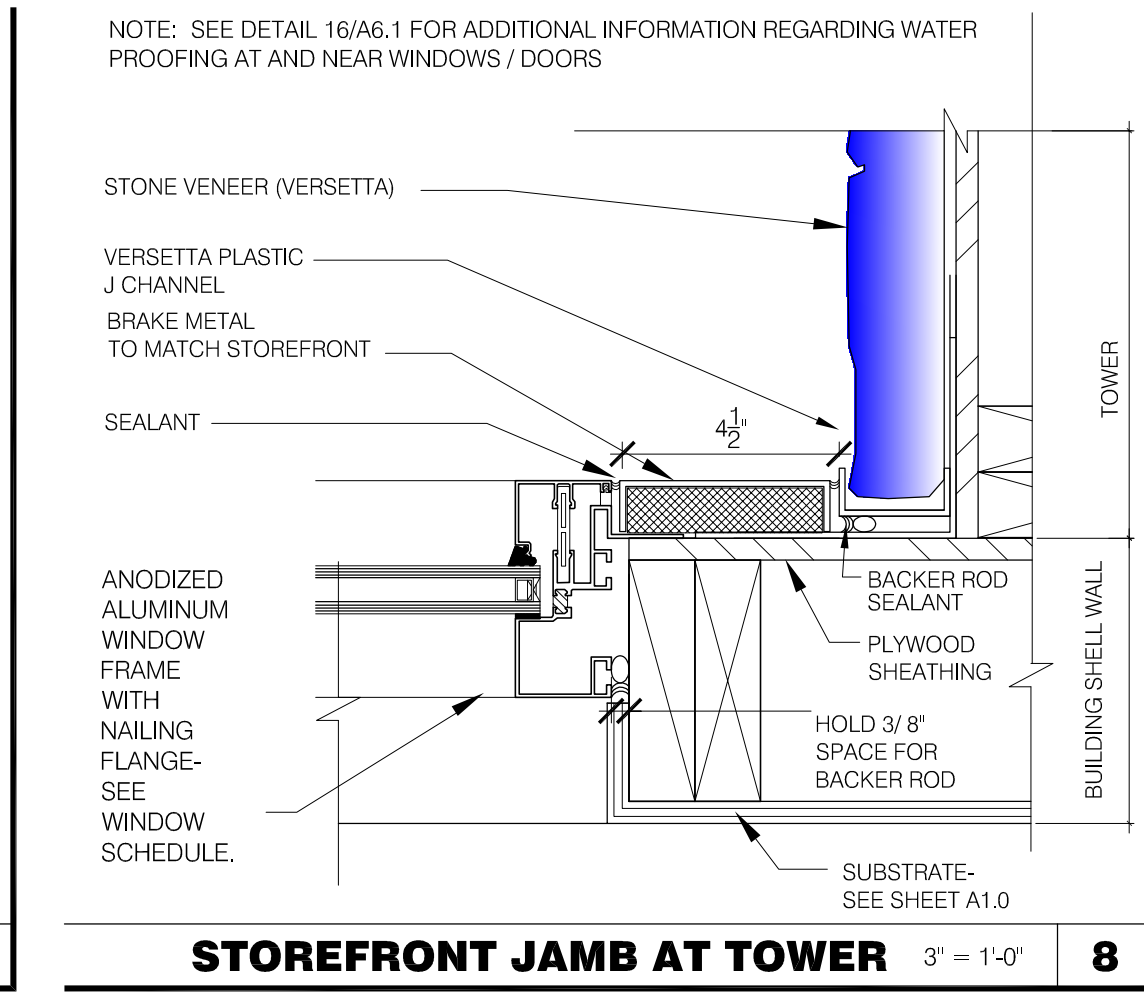
WINDOW HEAD @ DRIVE THRU 3'-1-0" **5**



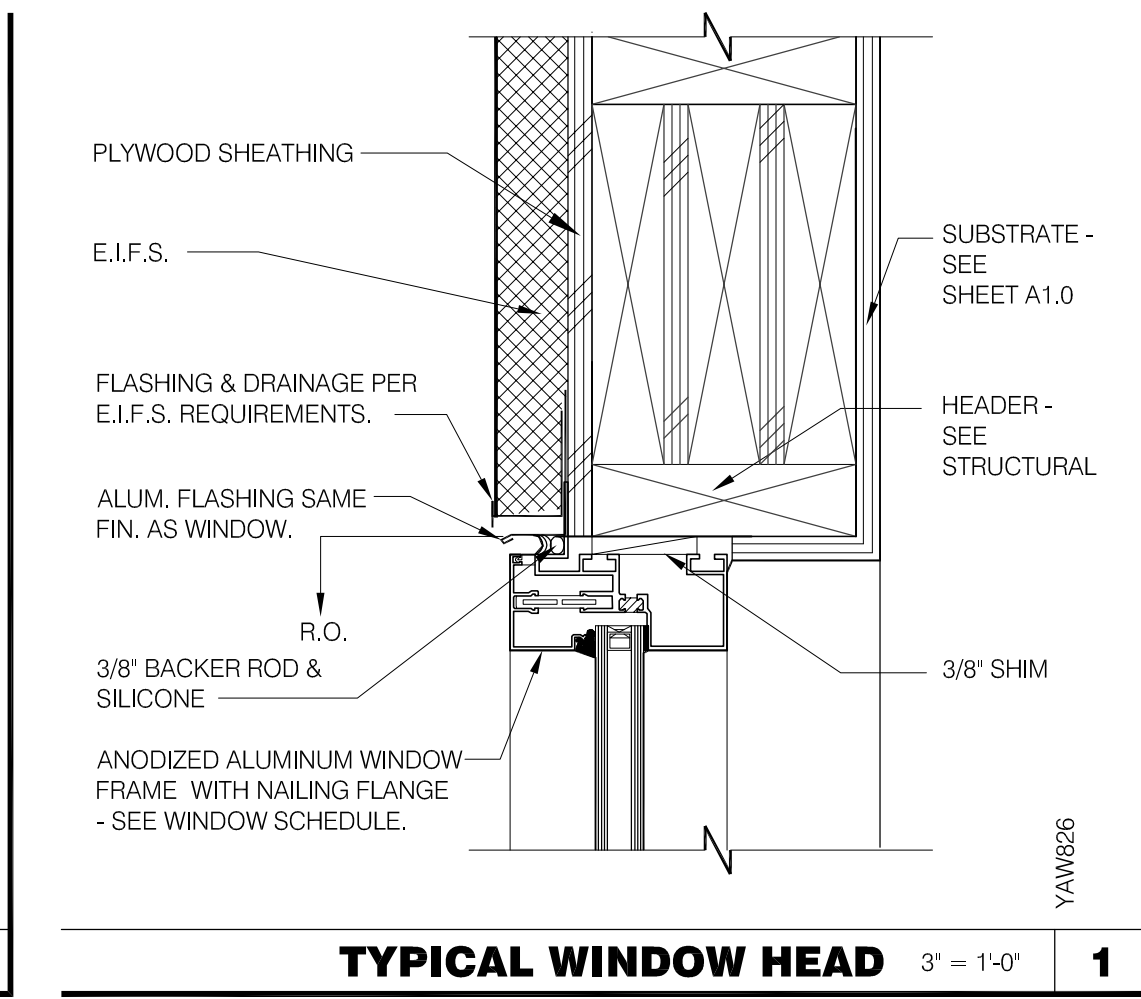
WINDOW SILL @ DRIVE THRU 3'-1-0" **6**



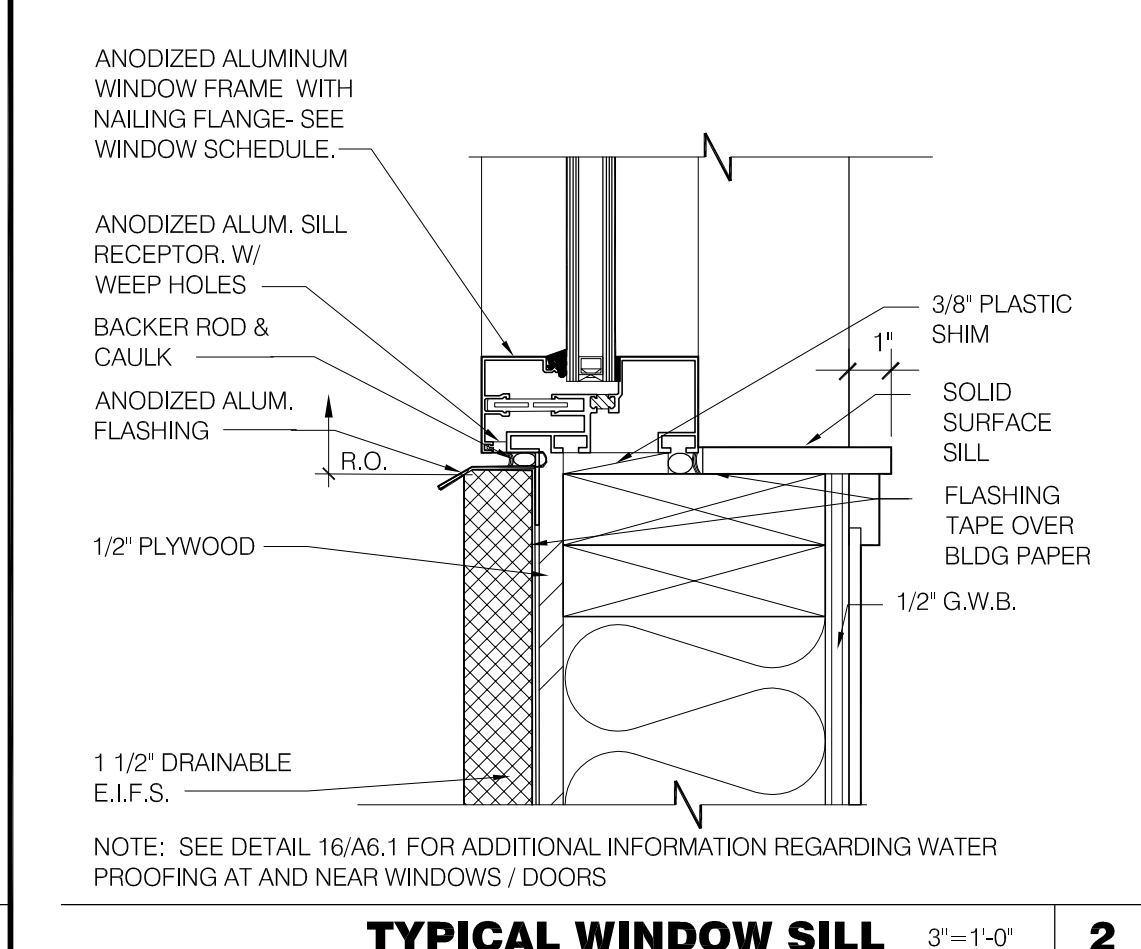
WINDOW JAMB @ DRIVE THRU 3'-1-0" **7**



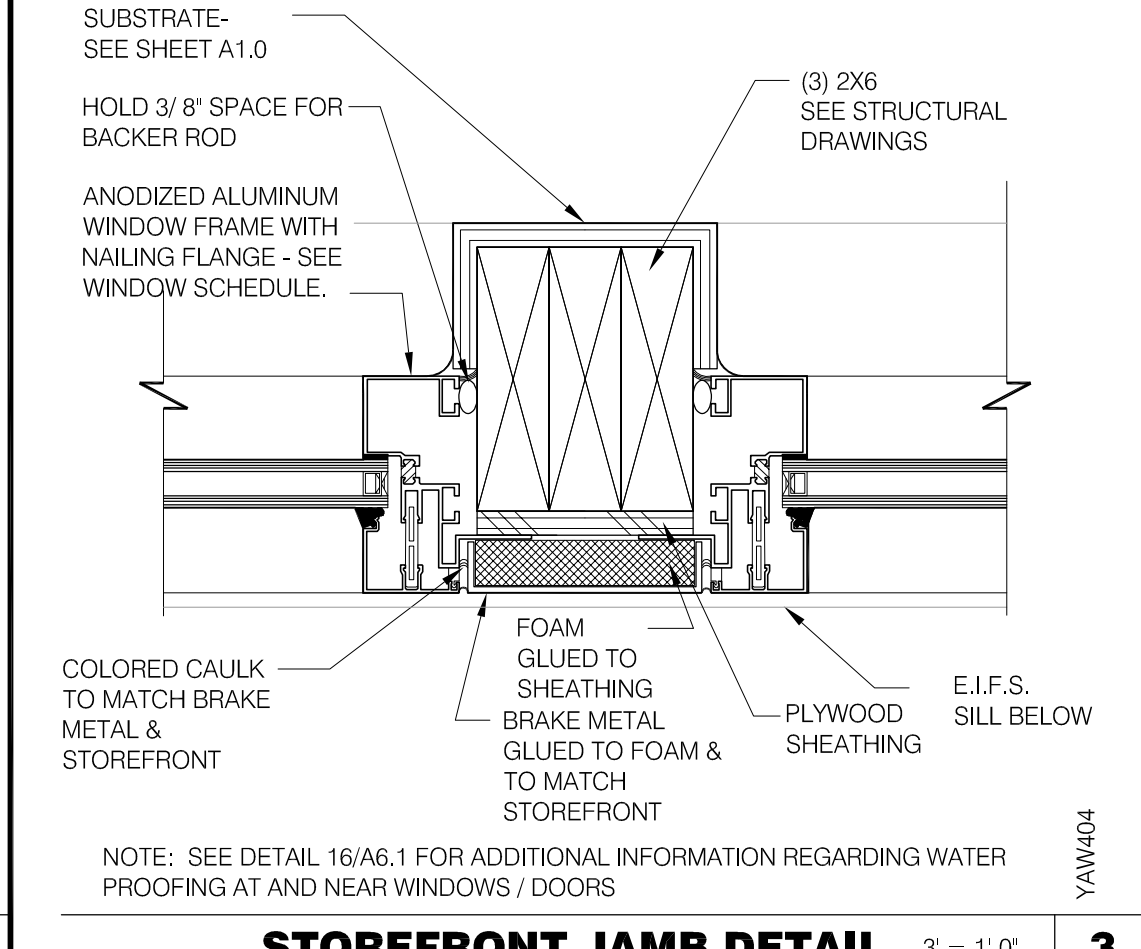
STOREFRONT JAMB AT TOWER 3'-1-0" **8**



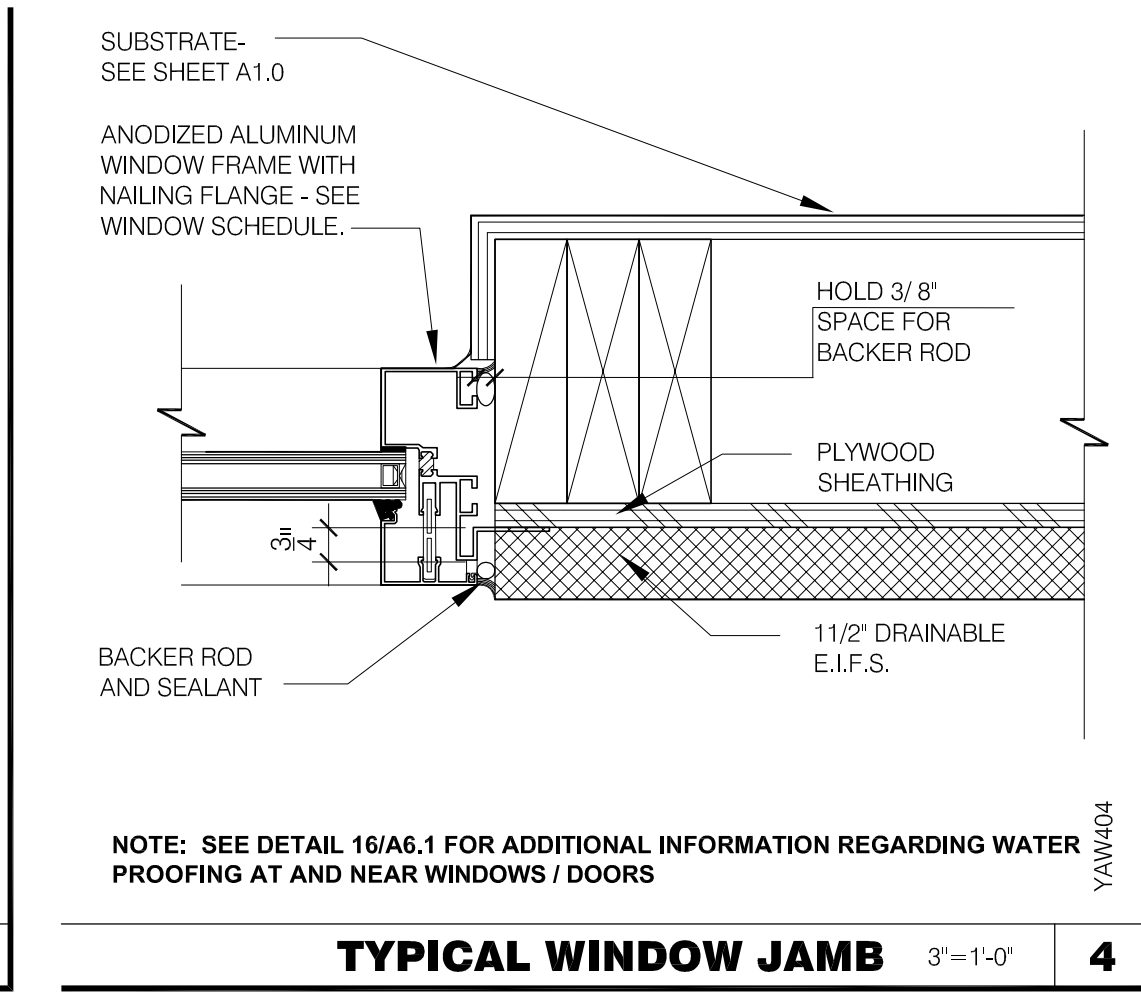
TYPICAL WINDOW HEAD 3'-1-0" **1**



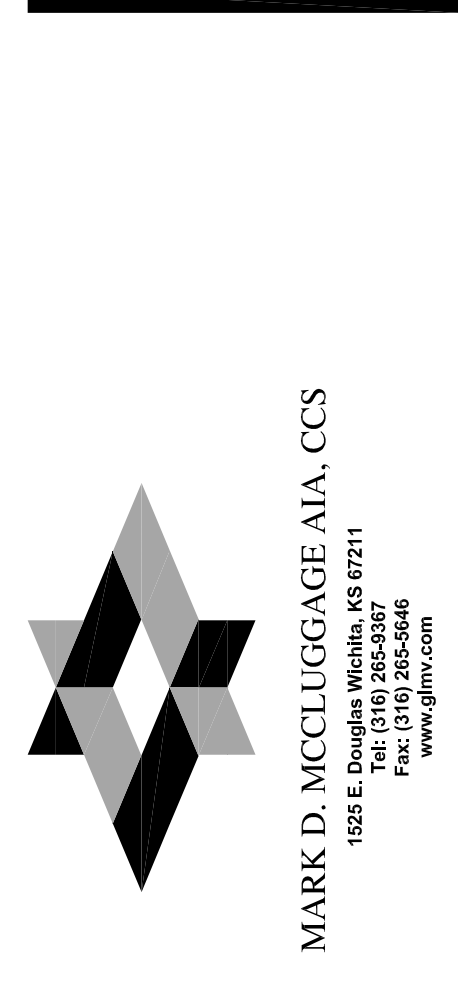
TYPICAL WINDOW SILL 3'-1-0" **2**



STOREFRONT JAMB DETAIL 3'-1-0" **3**



TYPICAL WINDOW JAMB 3'-1-0" **4**



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△ ADDRESS CHANGE
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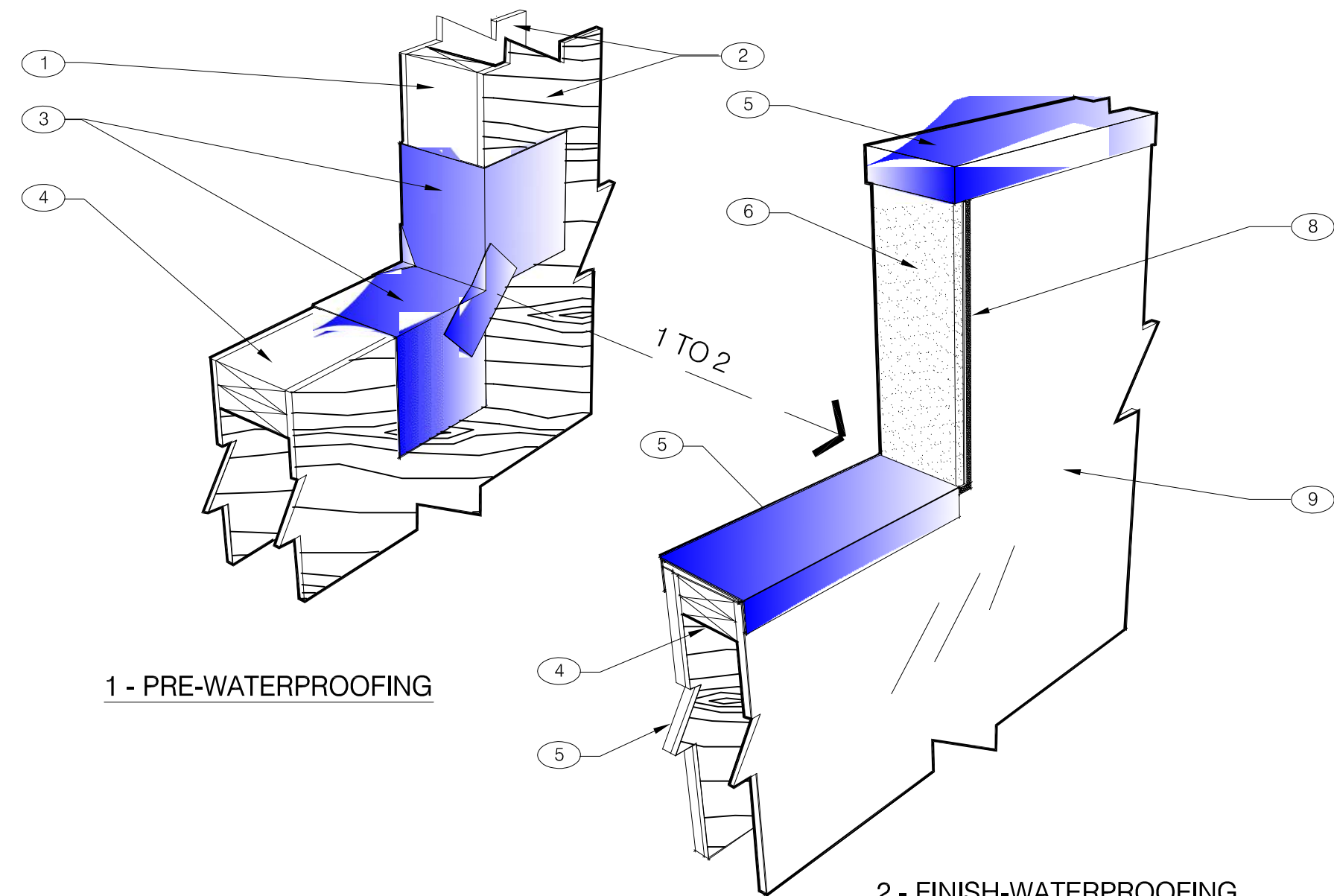
DATE: JULY 15, 2015
BUILDING TYPE: MED-40-MOD
PLAN VERSION: JUNE 2015
SITE NUMBER: _____
ENTITY NUMBER: _____

1300 HOLTON LANE
TAKOMA PARK, MD 20912

LIVE MAS
MEDIUM40 - MODIFIED
CONSTRUCTION DETAILS
DOOR/WINDOW

A6.1

PLOT DATE: 1-04-16

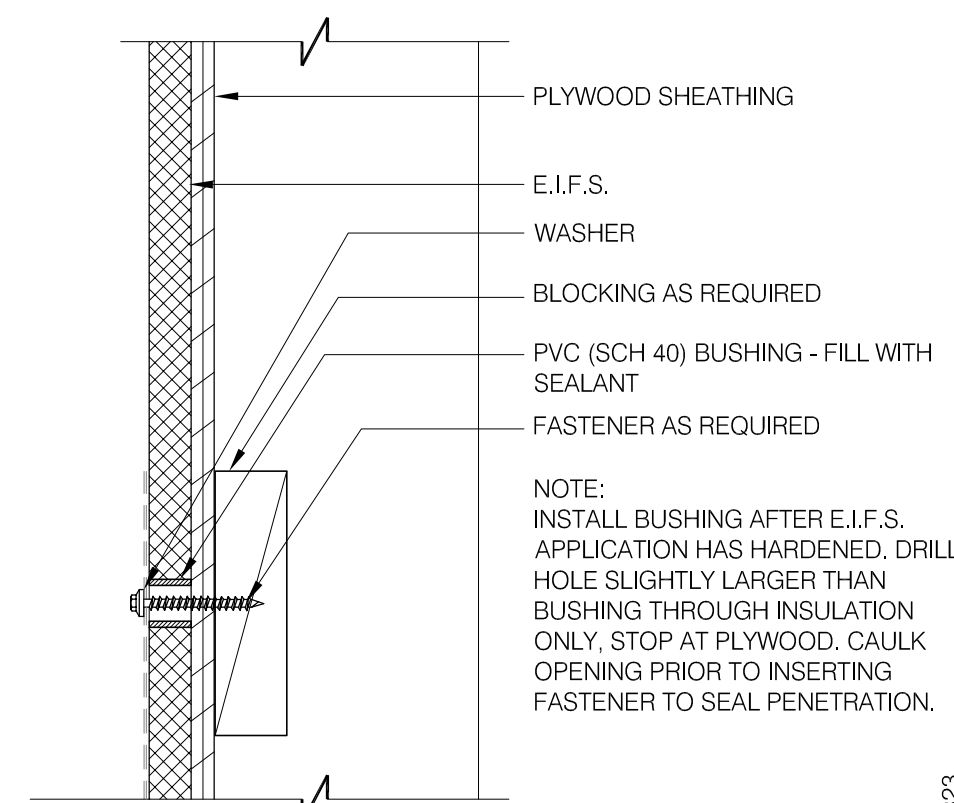


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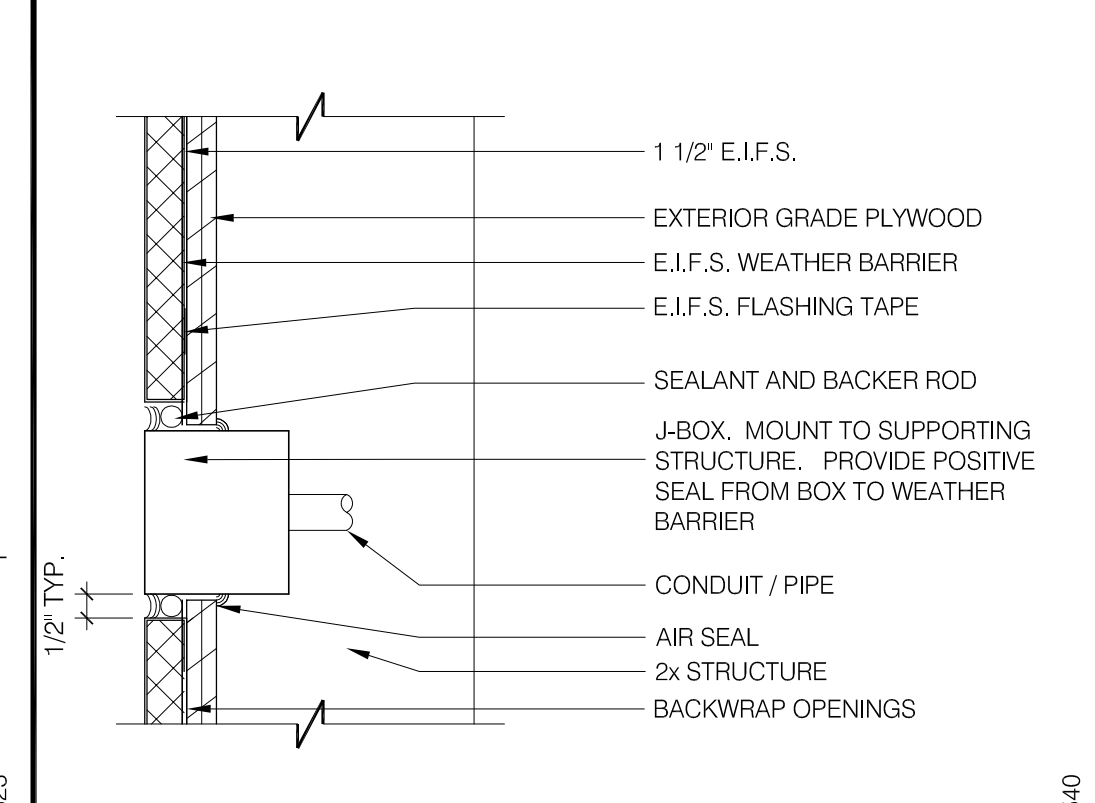
- 1 2X WOOD STUDS
- 2 PLYWOOD SUBSTRATE FOR EXTERIOR WALLS
- 3 FLASHING TAPE AT ALL VERTICAL PARAPET TRANSITIONS. EXTEND TAPE 12" OUTWARD AND UPWARD FROM CORNER AS SHOWN. LAP CORNERS WITH ANGLED TAPE AS SHOWN TO INSURE FULL COVERAGE AT CORNERS
- 4 DOUBLE 2X TOP PLATE.
- 5 PAINTED 24 GAUGE PARAPET COPING. SLOPE 1/4:1 TOWARDS ROOF WITH FIBER CANT STRIPS UNDER COPING. LAP FRONT AND BACK EDGE 2" DOWN VERTICAL FACE. LAP EXPOSED COPING EDGE EXPOSED ENDS AT VERTICAL PARAPET TRANSITION.
- 6 WRAP 1" THICK EIFS ONTO VERTICAL FACE OF PARAPET TRANSITION
- 7 EIFS FINISH ON OUTER SURFACE OF EXTERIOR WALL. THICKNESS PER THE EXTERIOR ELEVATIONS ON SHEET A4.0
- 8 TERMINATION BAR AT VERTICAL TRANSITION OF EIFS AND MEMBRANE ROOFING. SEAL VERTICAL GAP BETWEEN TERMINATION BAR AND EIFS PER ROOFING MANUFACTURER SPECIFICATIONS.
- 9 PVC ROOFING MEMBRANE ON BACKSIDE OF PARAPET.

IMPORTANT: ONLY FASTEN PARAPET COPING ALONG THE FRONT AND BACK VERTICAL EDGE. NEVER ON TOP OF COPING.

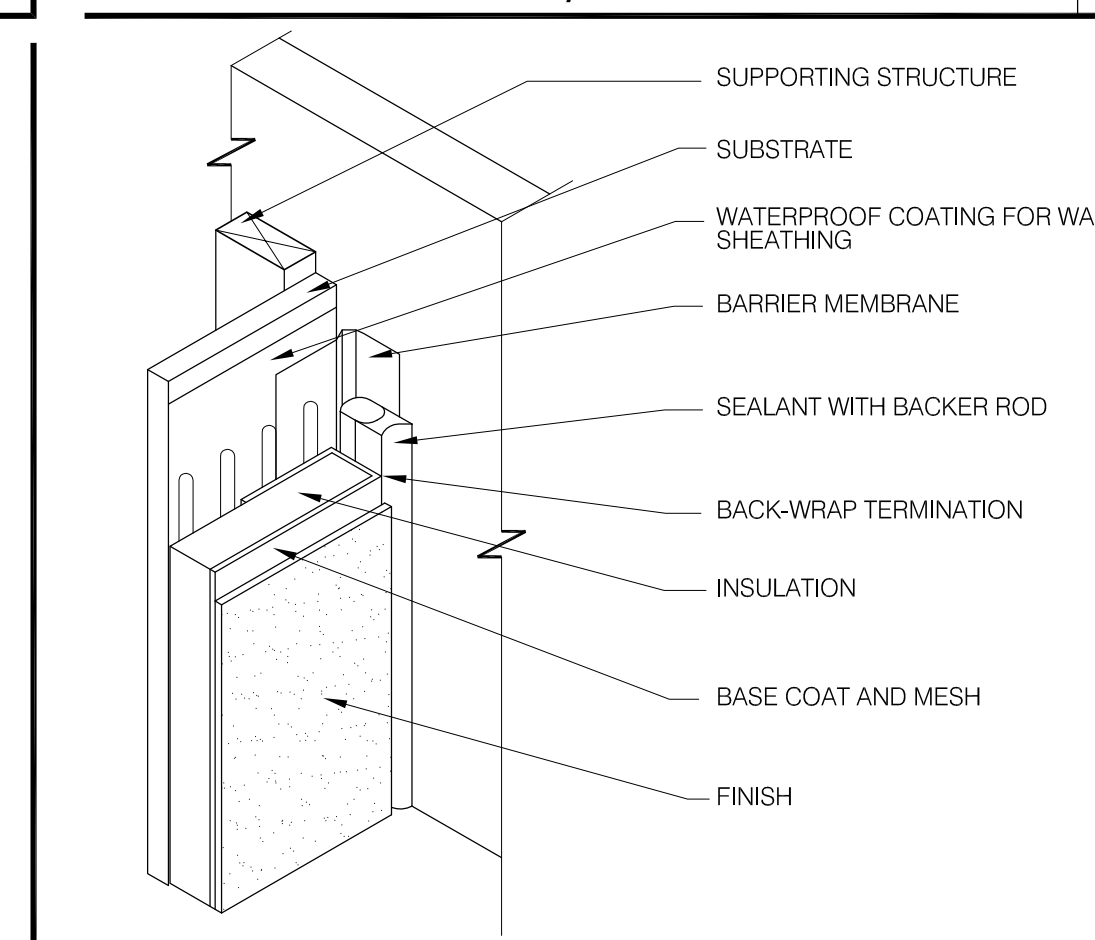
PARAPET CAP & TRANSITION N.T.S. **14**



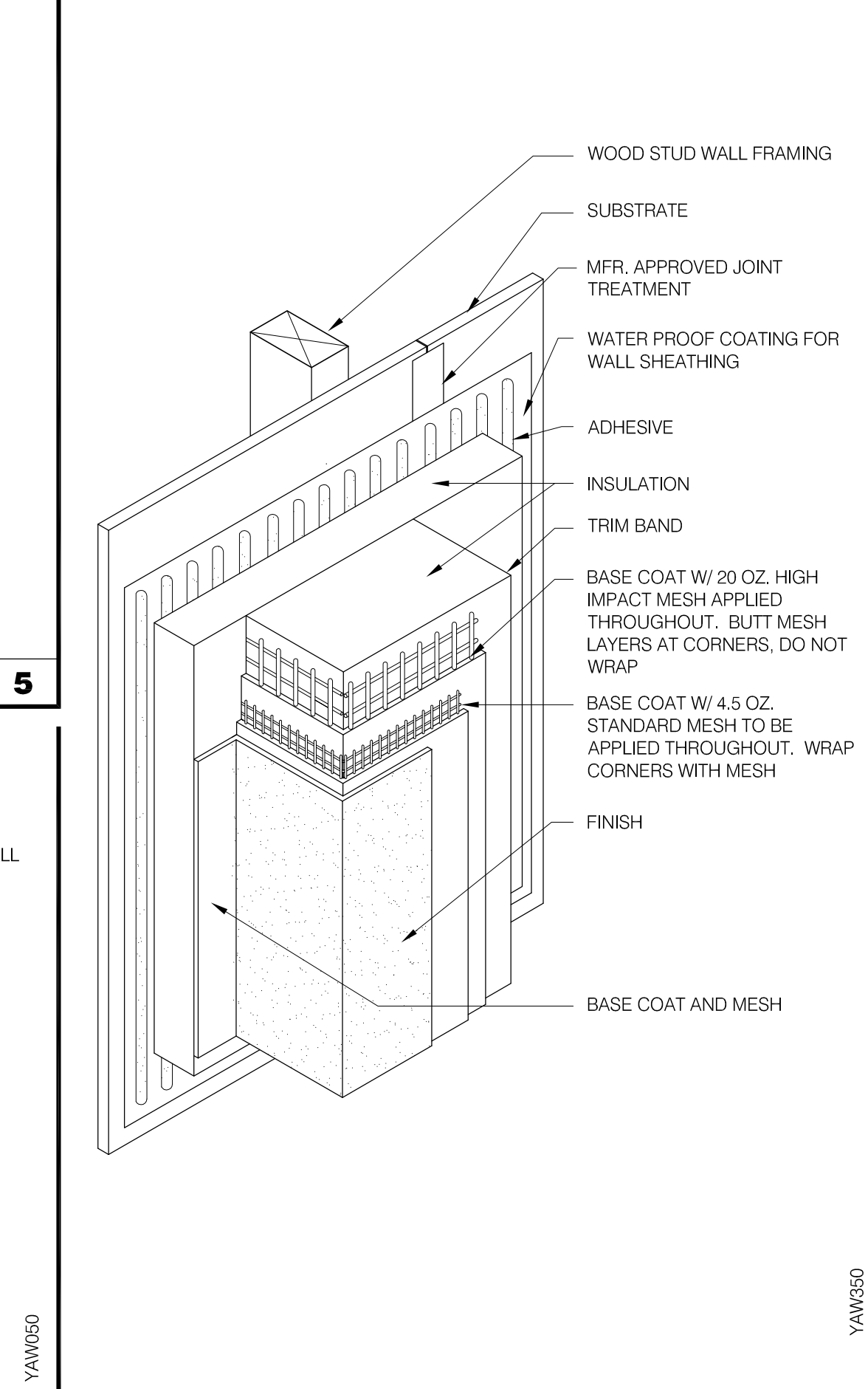
CONNECTION THRU EIFS 3" = 1'-0" **9**



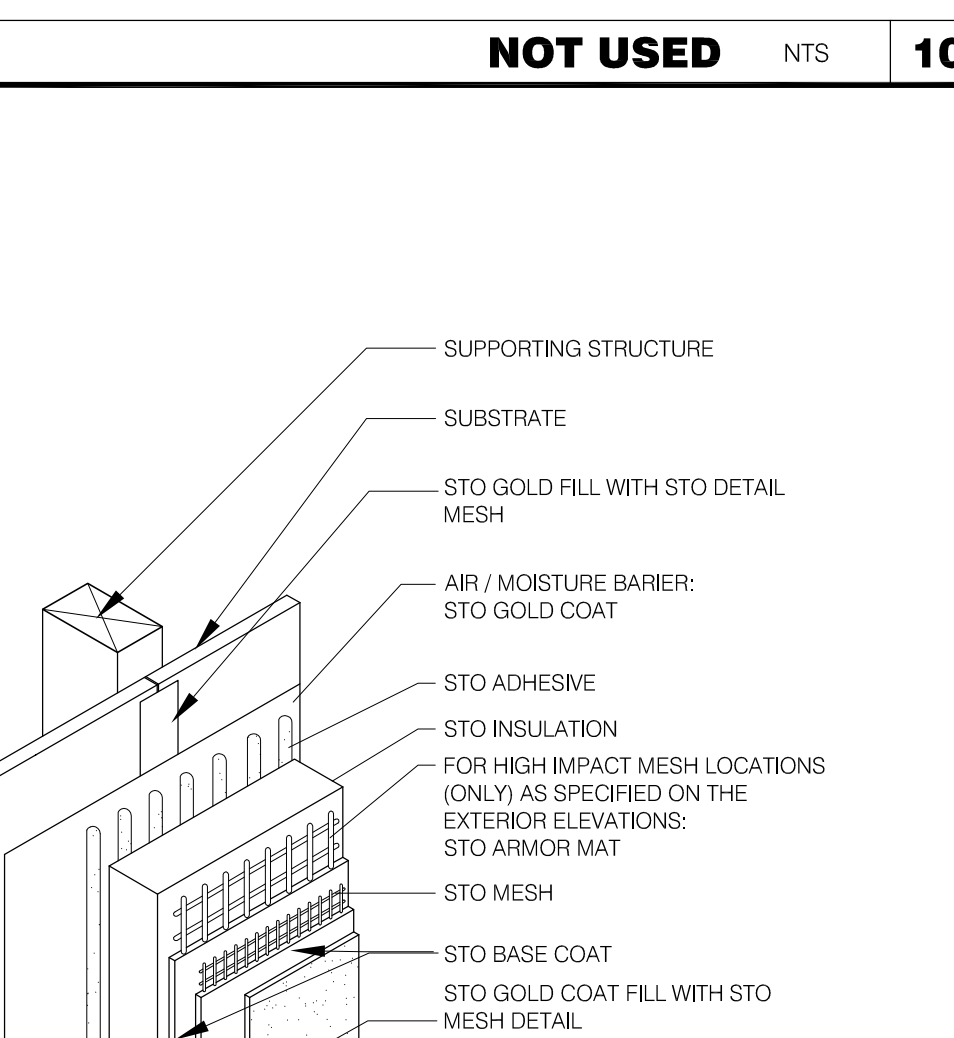
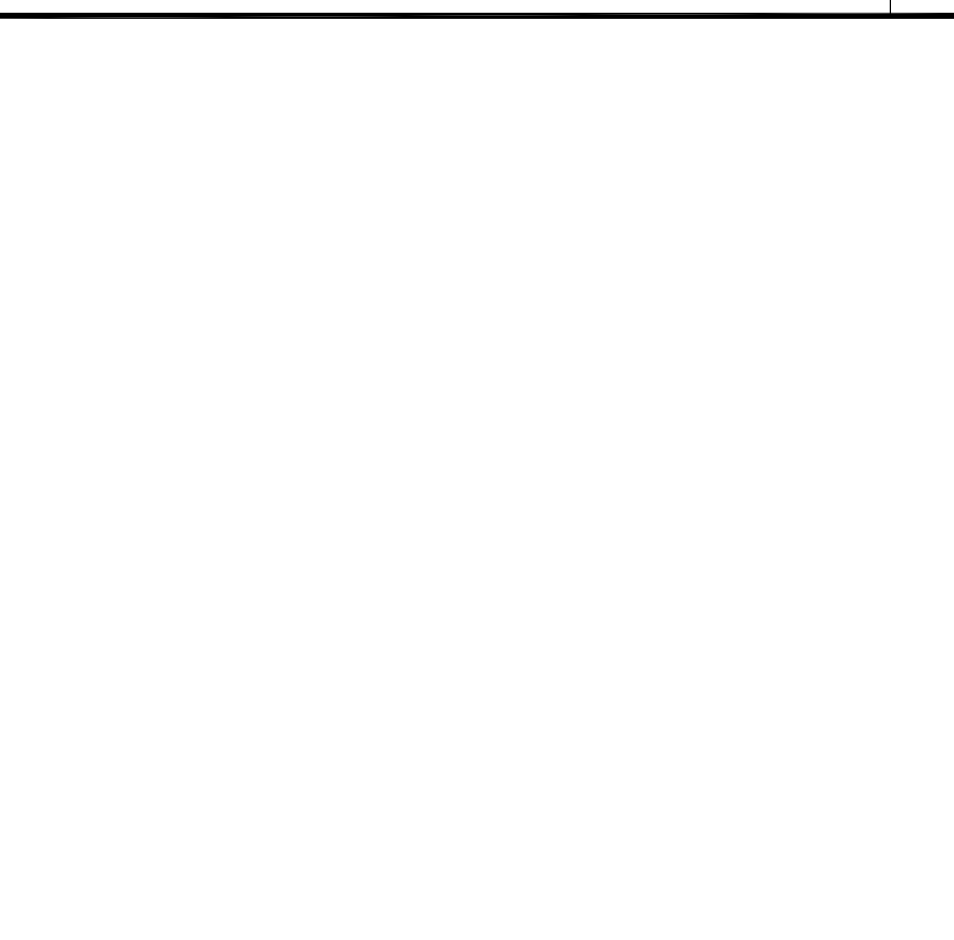
CO2 FILL / J-BOX IN EIFS 3" = 1'-0" **5**



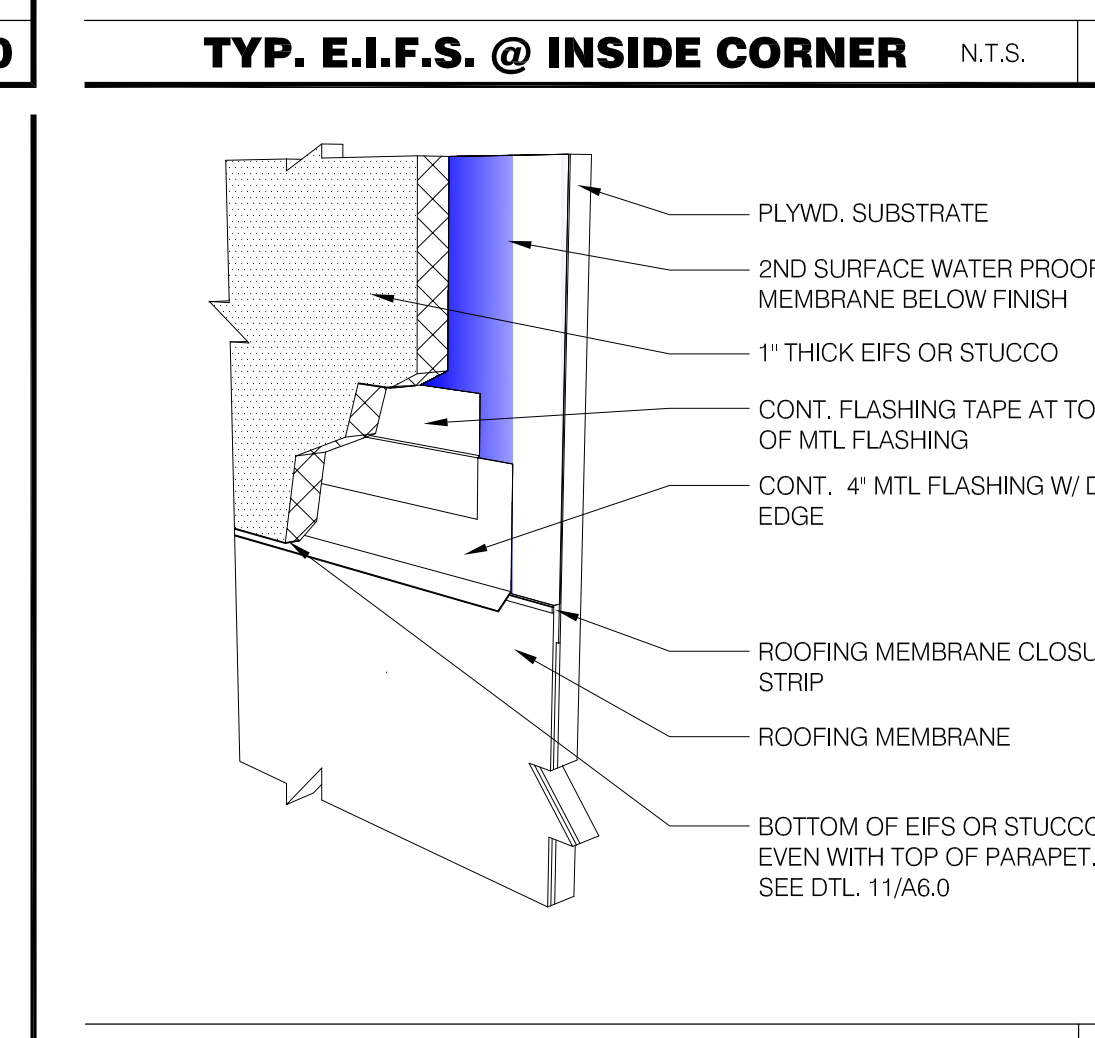
TYP. E.I.F.S. @ INSIDE CORNER N.T.S. **6**



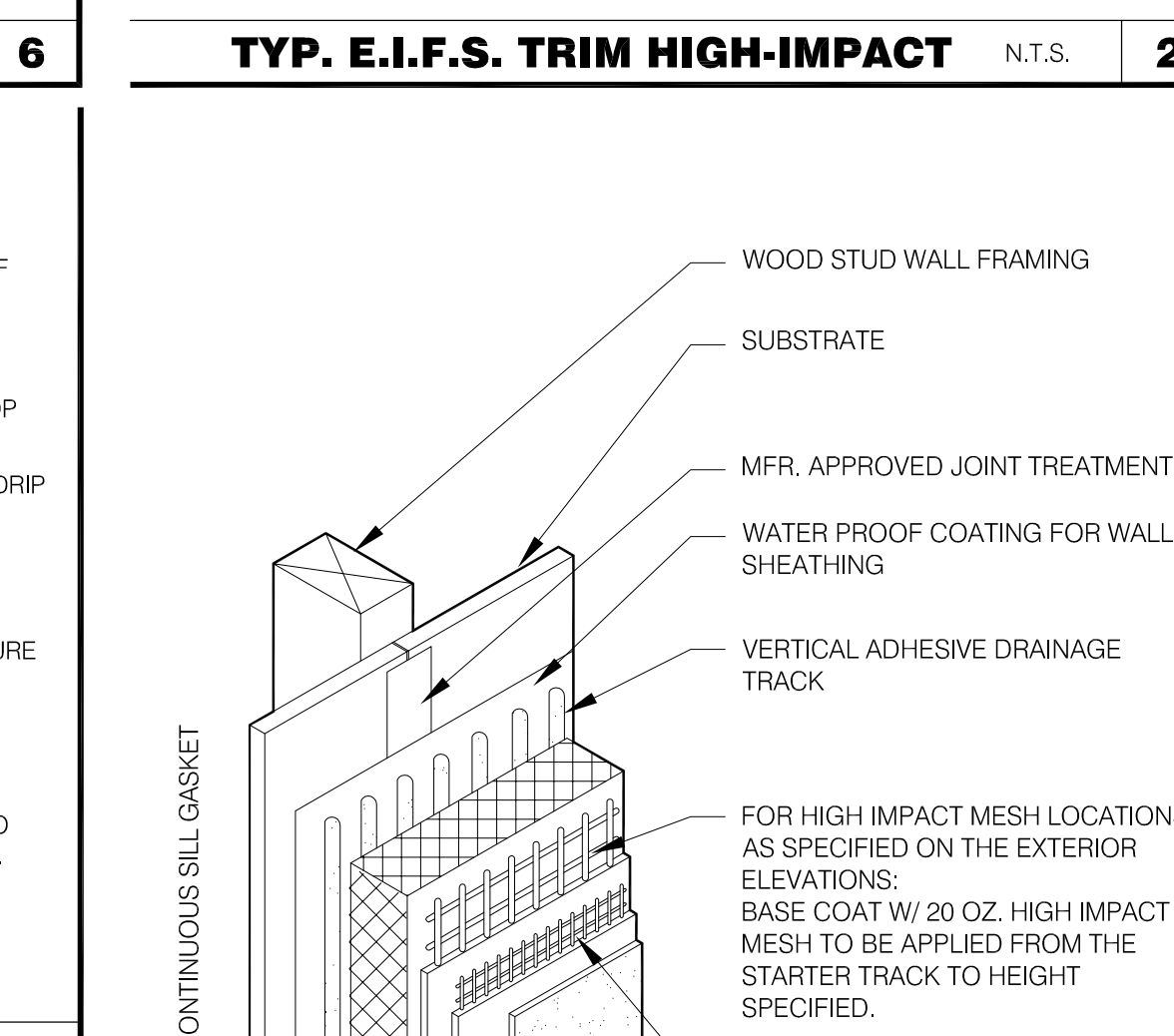
TYP. E.I.F.S. TRIM HIGH-IMPACT N.T.S. **2**



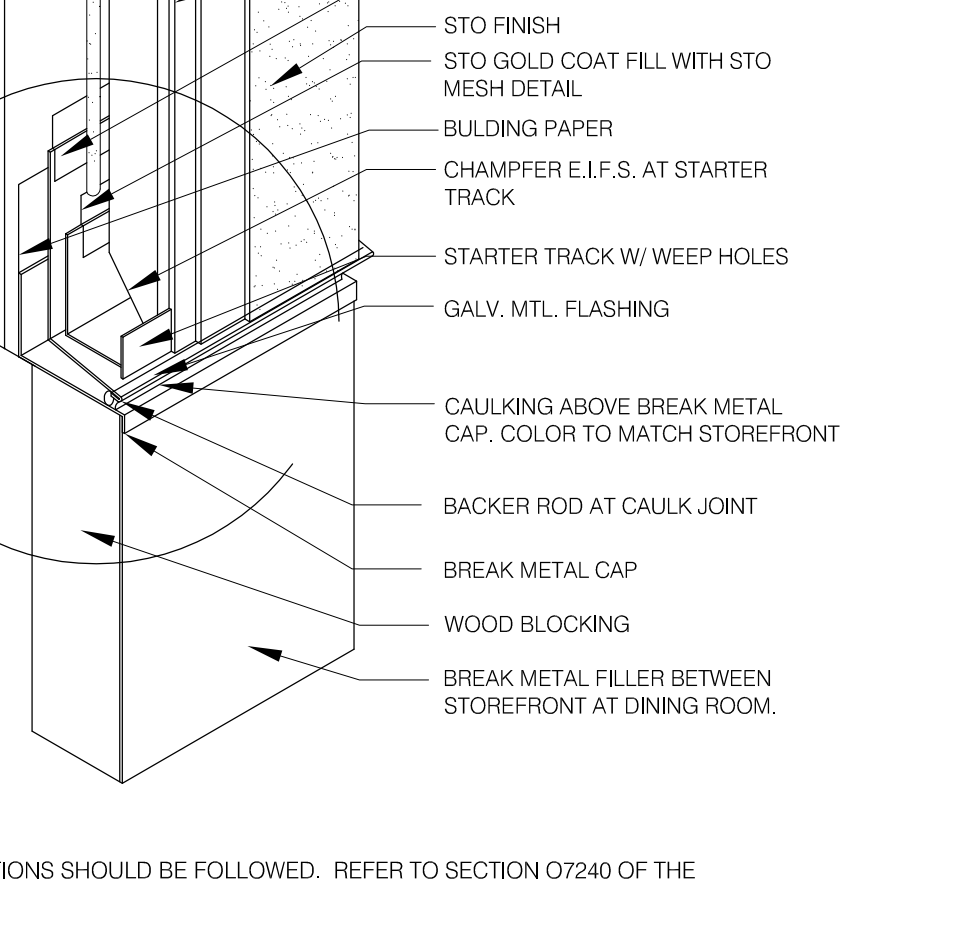
E.I.F.S. TO BASE FLASHING N.T.S. **7**



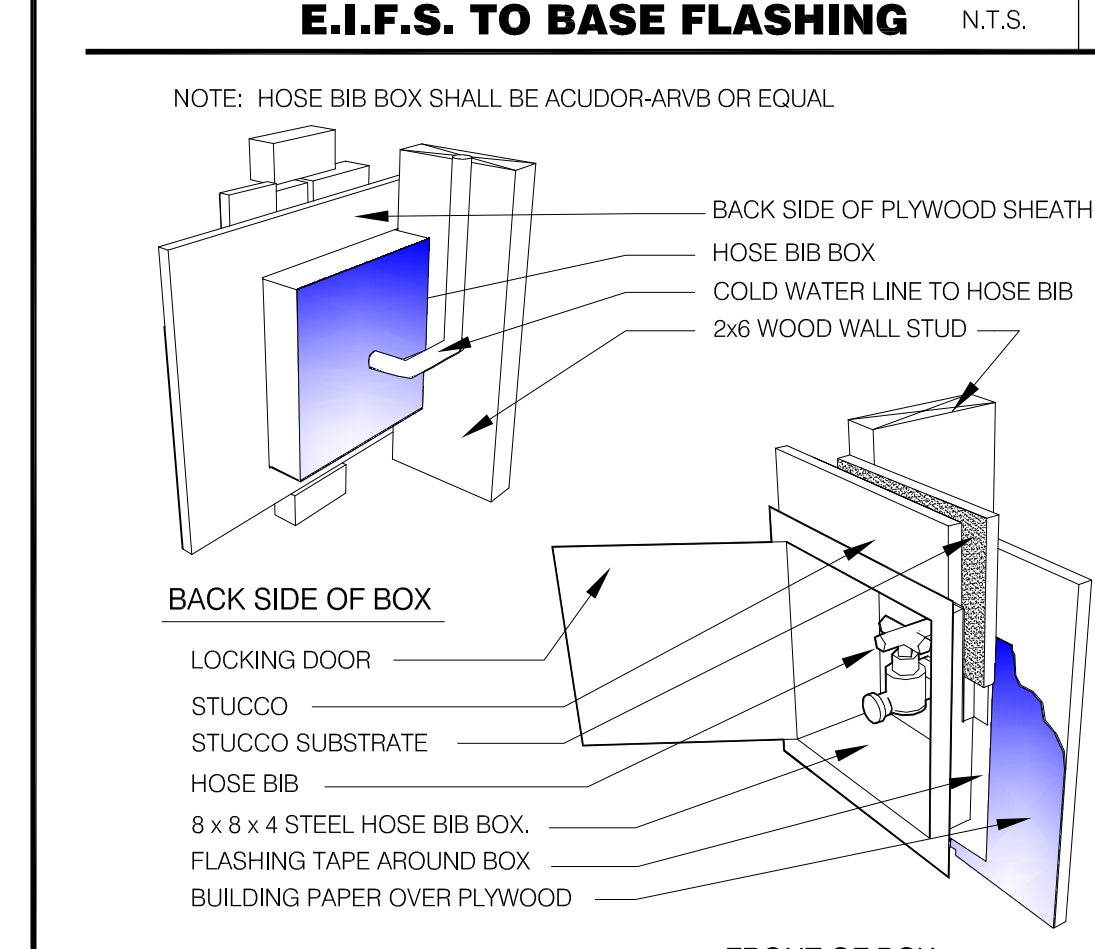
TYP. E.I.F.S. @ INSIDE CORNER N.T.S. **6**



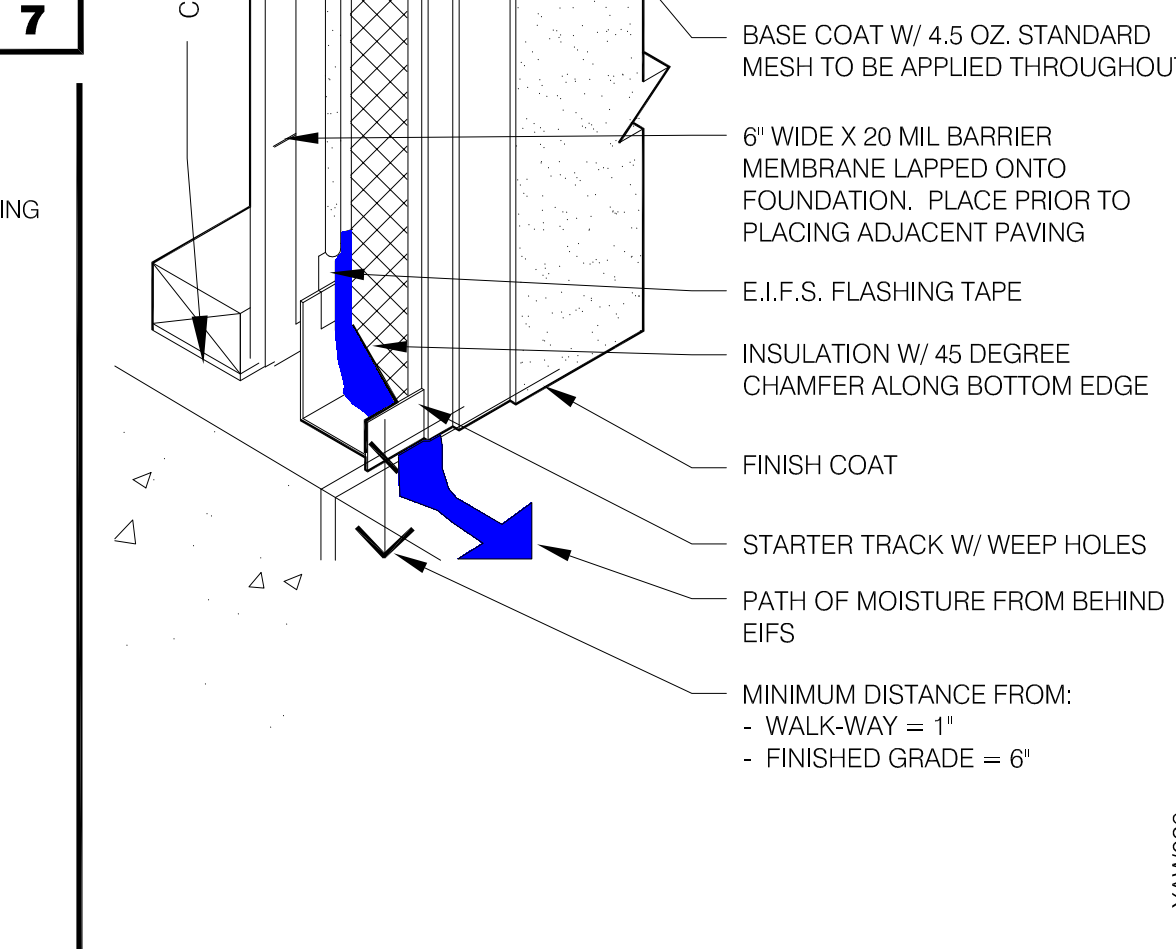
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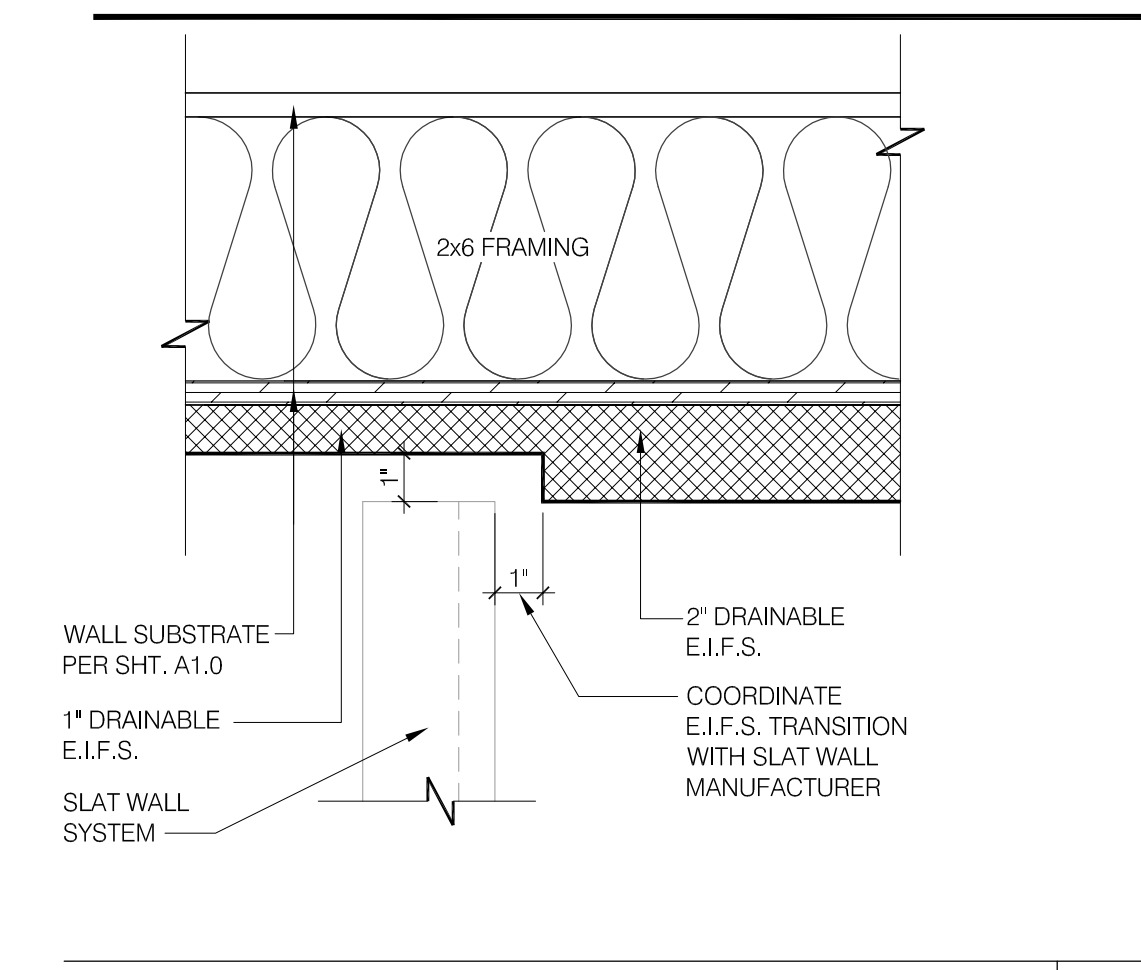
E.I.F.S. FLASHING AT TOP OF BREAK METAL N.T.S. **12**



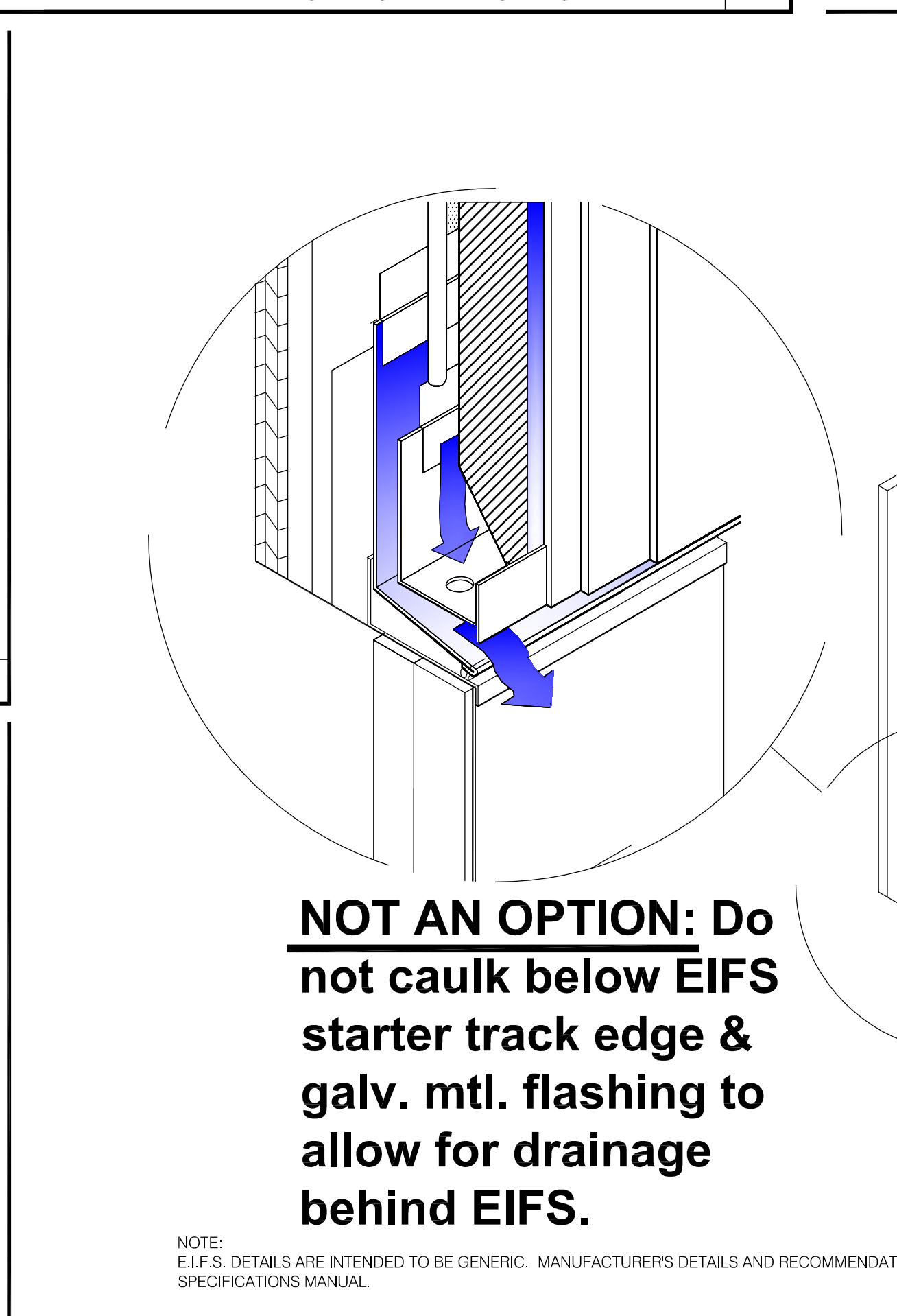
HOSE BIB BOX N.T.S. **8**



TYP. E.I.F.S. BASE TERMINATION N.T.S. **4**



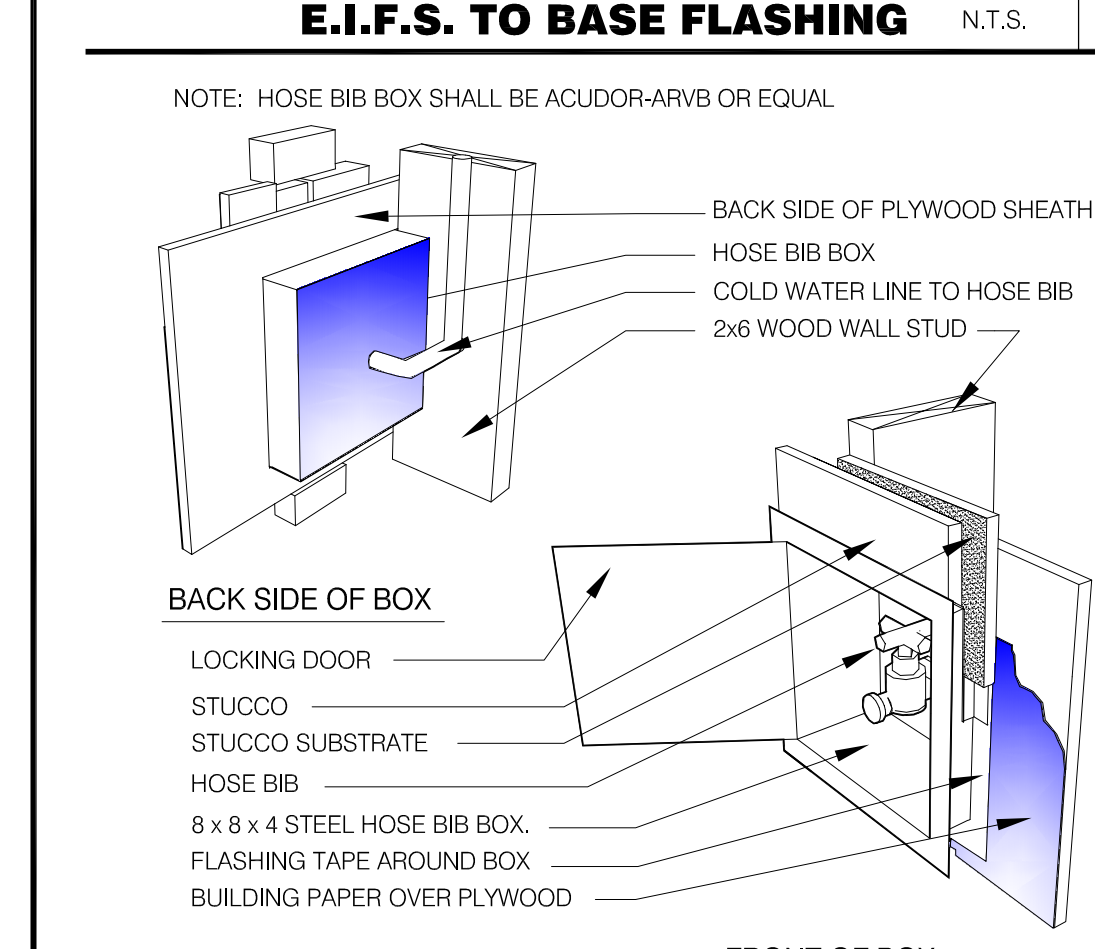
E.I.F.S. TRANSITION @ SLAT WALL 3" = 1'-0" **19**



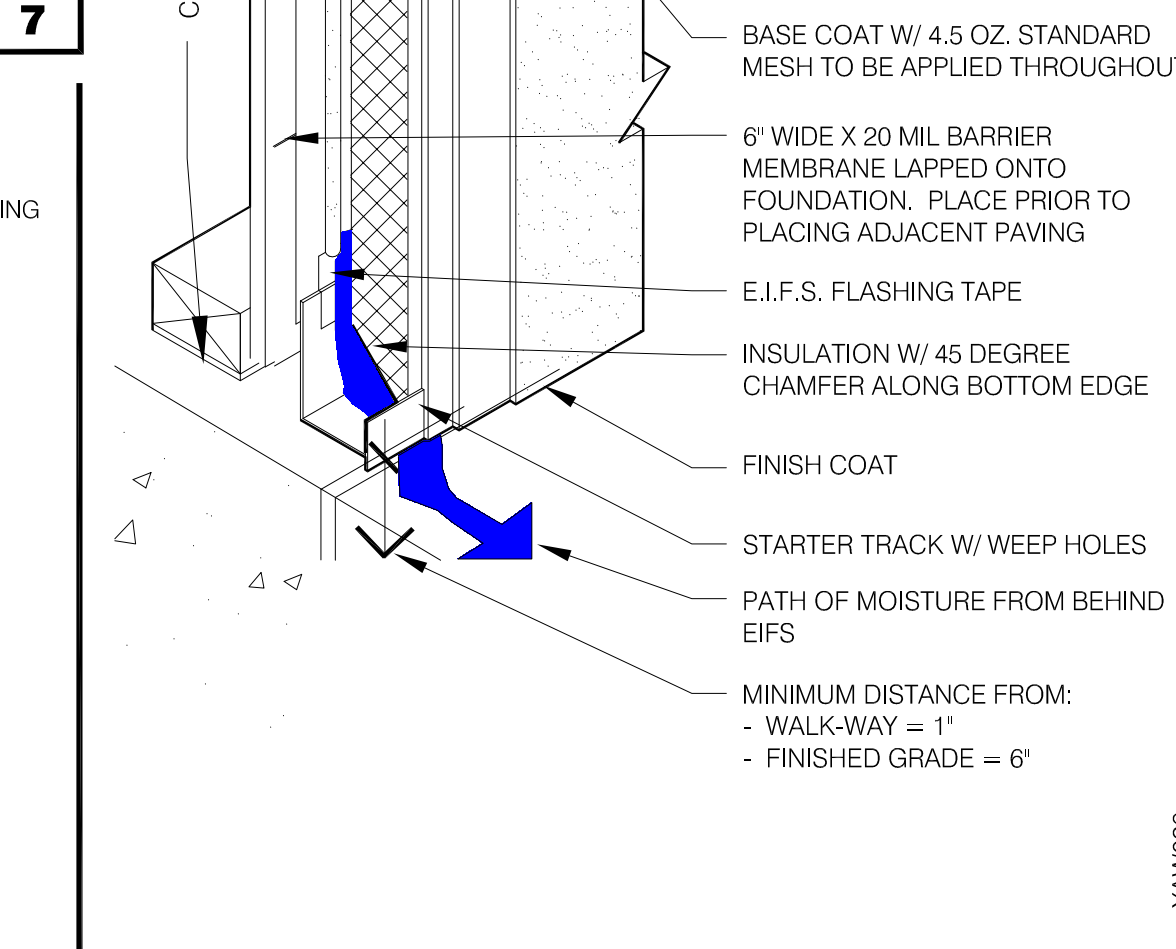
NOT AN OPTION: Do not caulk below EIFS starter track edge & galv. mtl. flashing to allow for drainage behind EIFS.

NOTE: E.I.F.S. DETAILS ARE INTENDED TO BE GENERIC. MANUFACTURER'S DETAILS AND RECOMMENDATIONS SHOULD BE FOLLOWED. REFER TO SECTION 07240 OF THE SPECIFICATIONS MANUAL.

E.I.F.S. FLASHING AT TOP OF BREAK METAL N.T.S. **12**



HOSE BIB BOX N.T.S. **8**



TYP. E.I.F.S. BASE TERMINATION N.T.S. **4**

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ARCHITECT
MARK D. MCCLUGGAGE
STATE OF MARYLAND

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ADDRESS CHANGE

DATE: JULY 15, 2015
BUILDING TYPE: MED-40-MOD
PLAN VERSION: JUNE 2015
SITE NUMBER:
ENTITY NUMBER:

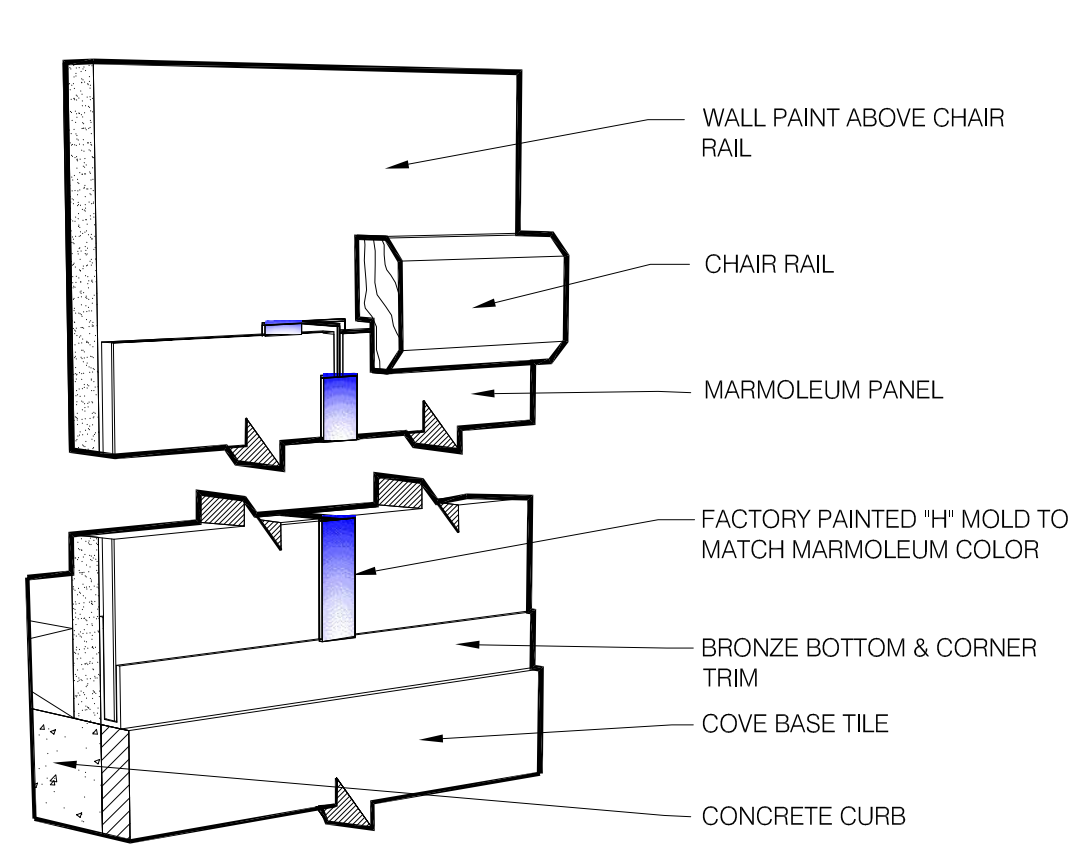
1300 HOLTON LANE
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MEDIUM40 - MODIFIED

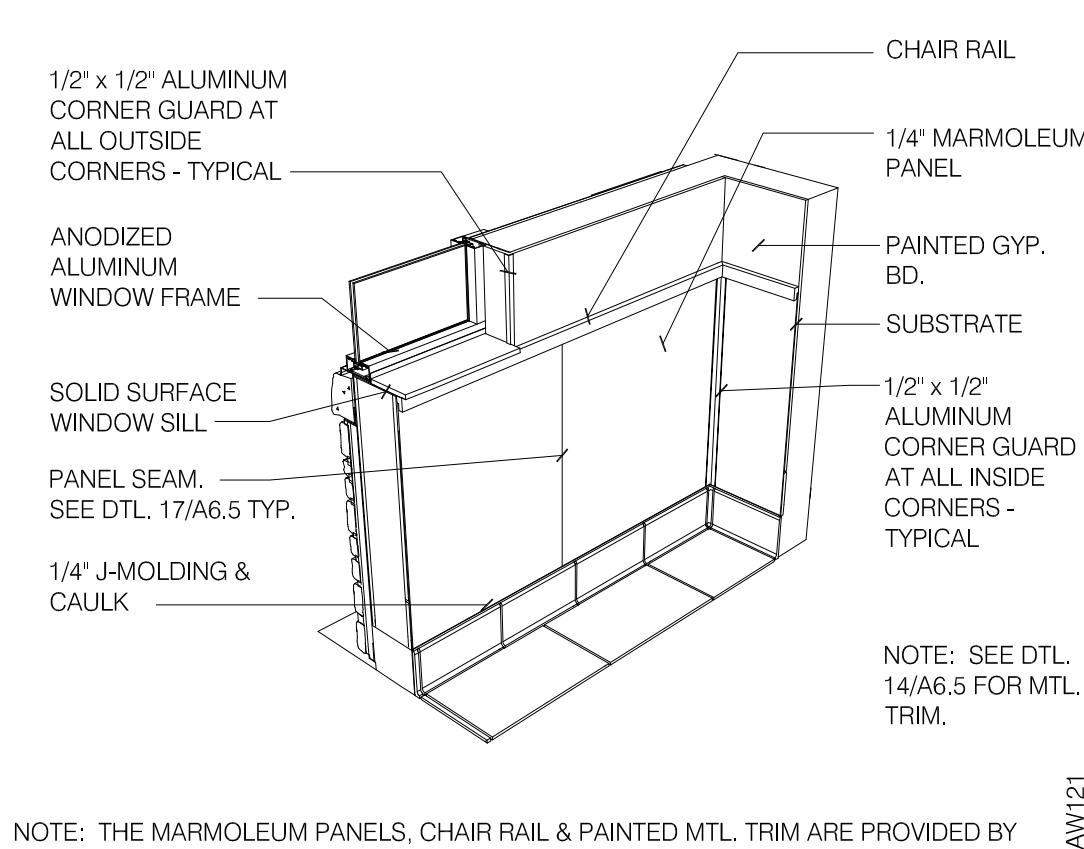
CONST. DETAILS WALL

A6.2

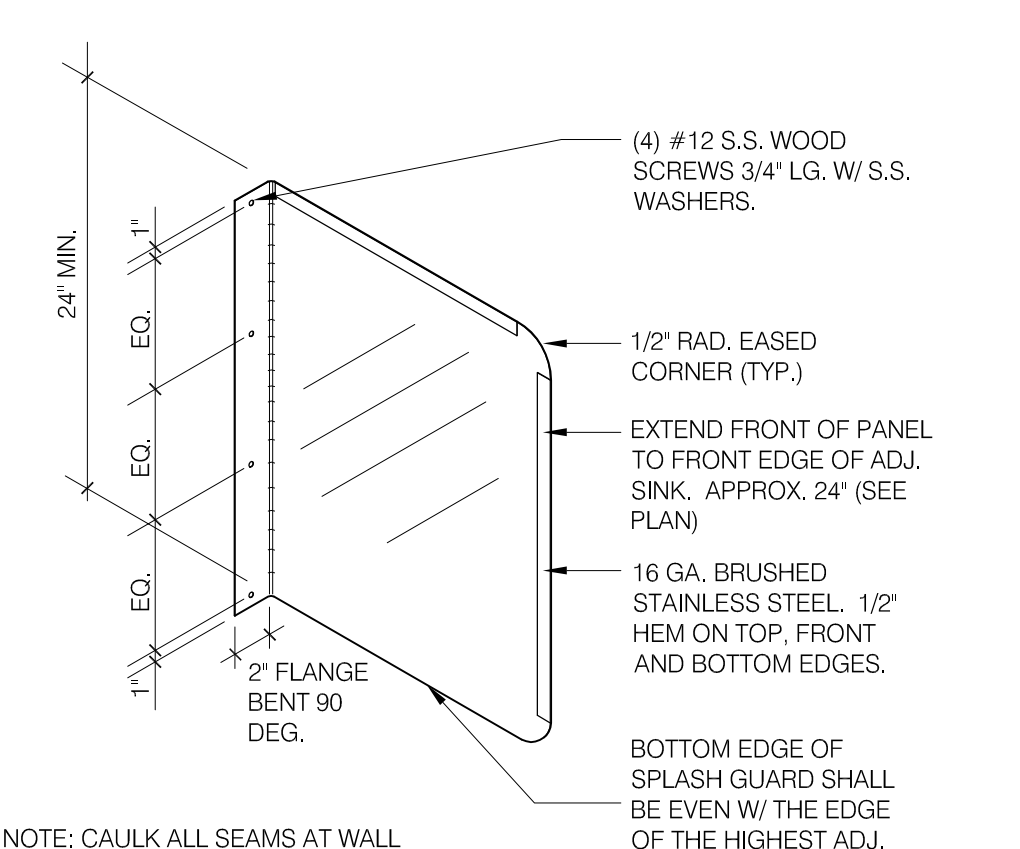
PLOT DATE: 1-04-16



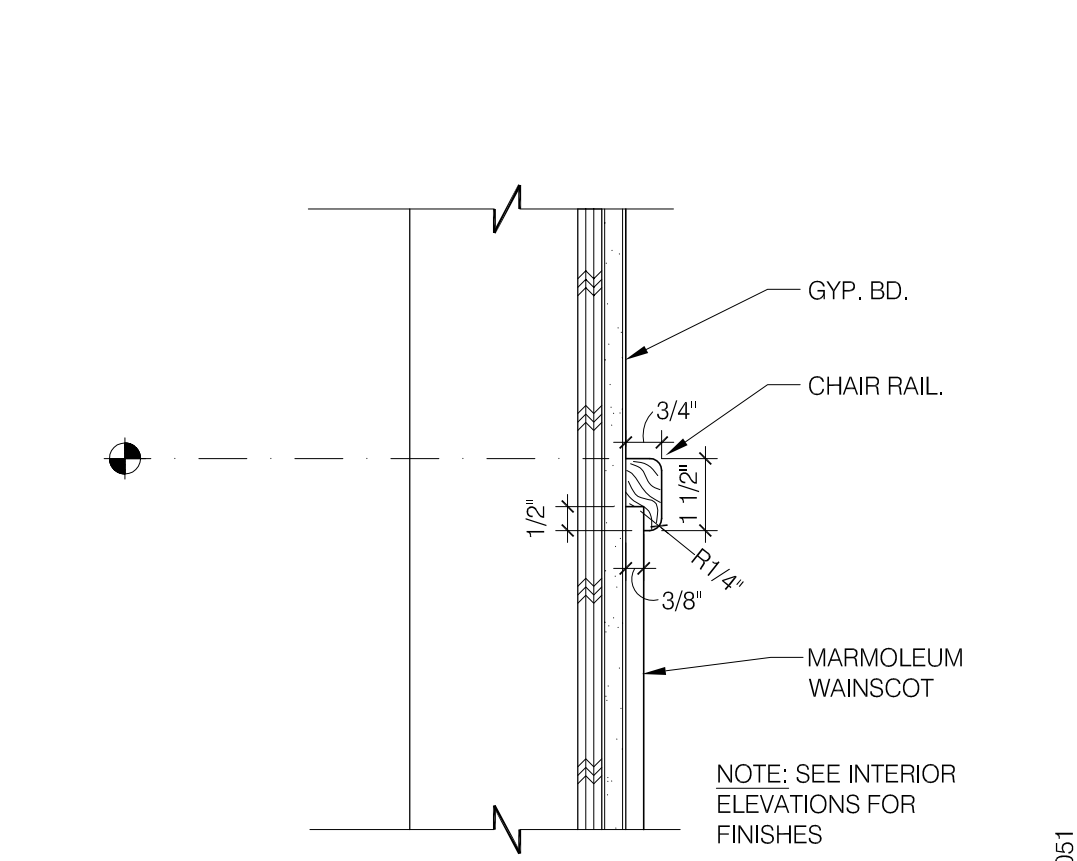
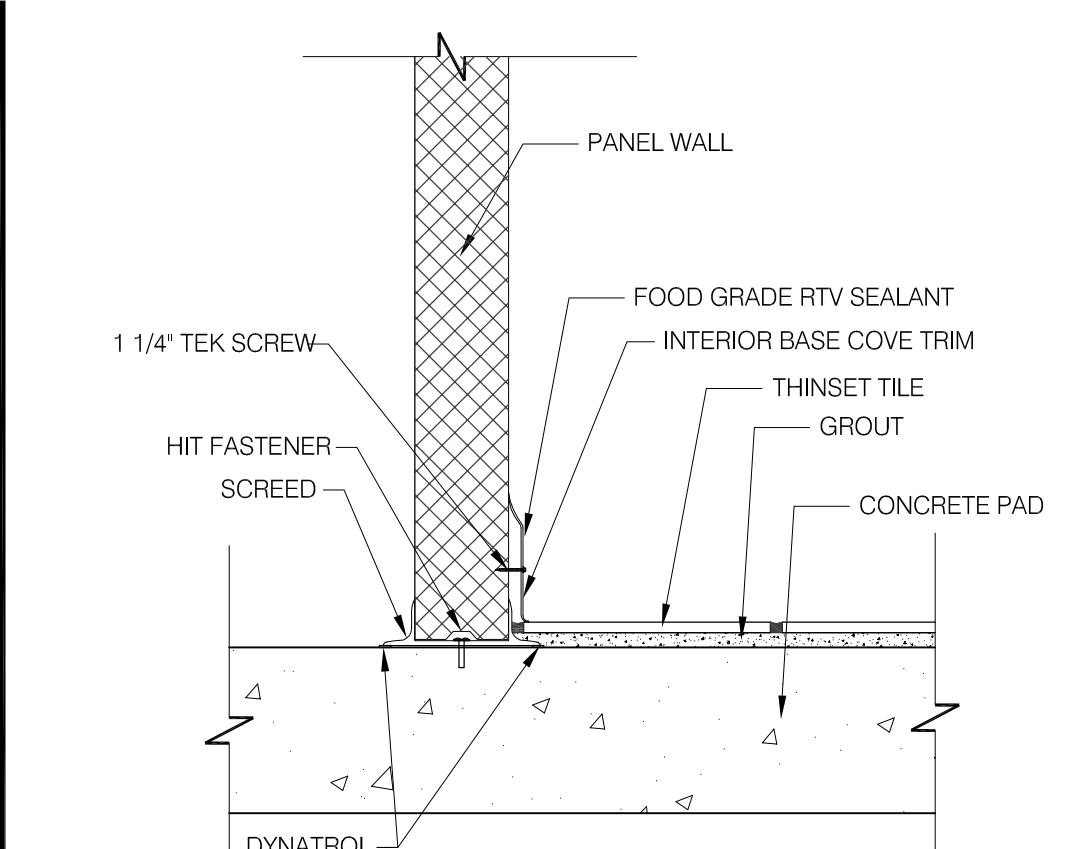
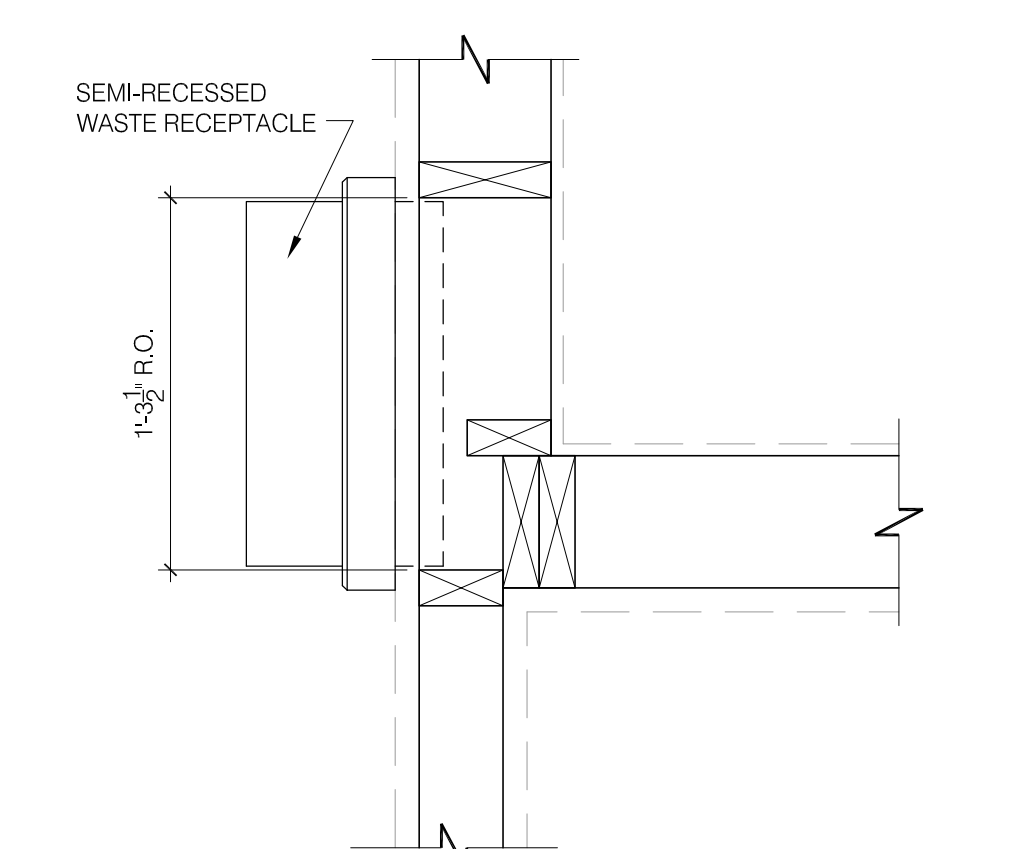
MARMOEDIUM TRIM DETAIL N.T.S. **17**



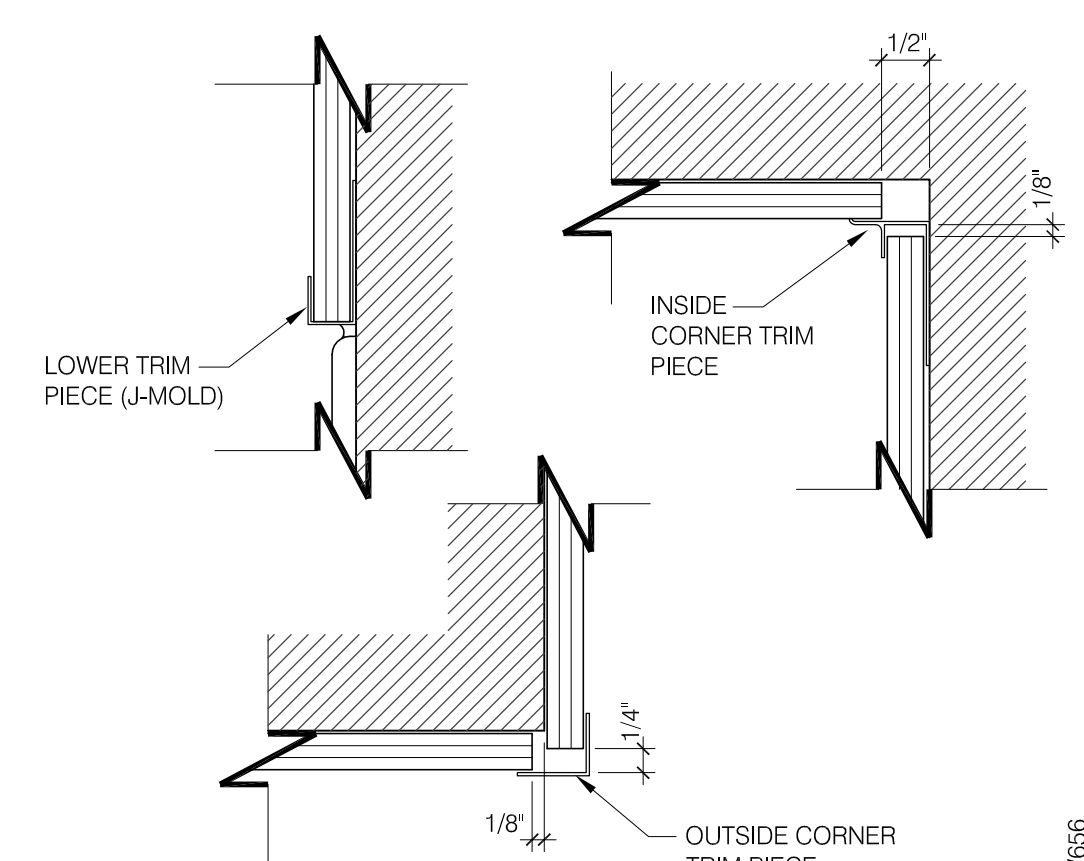
MARMOEDIUM ATTACHMENT DETAIL N.T.S. **13**



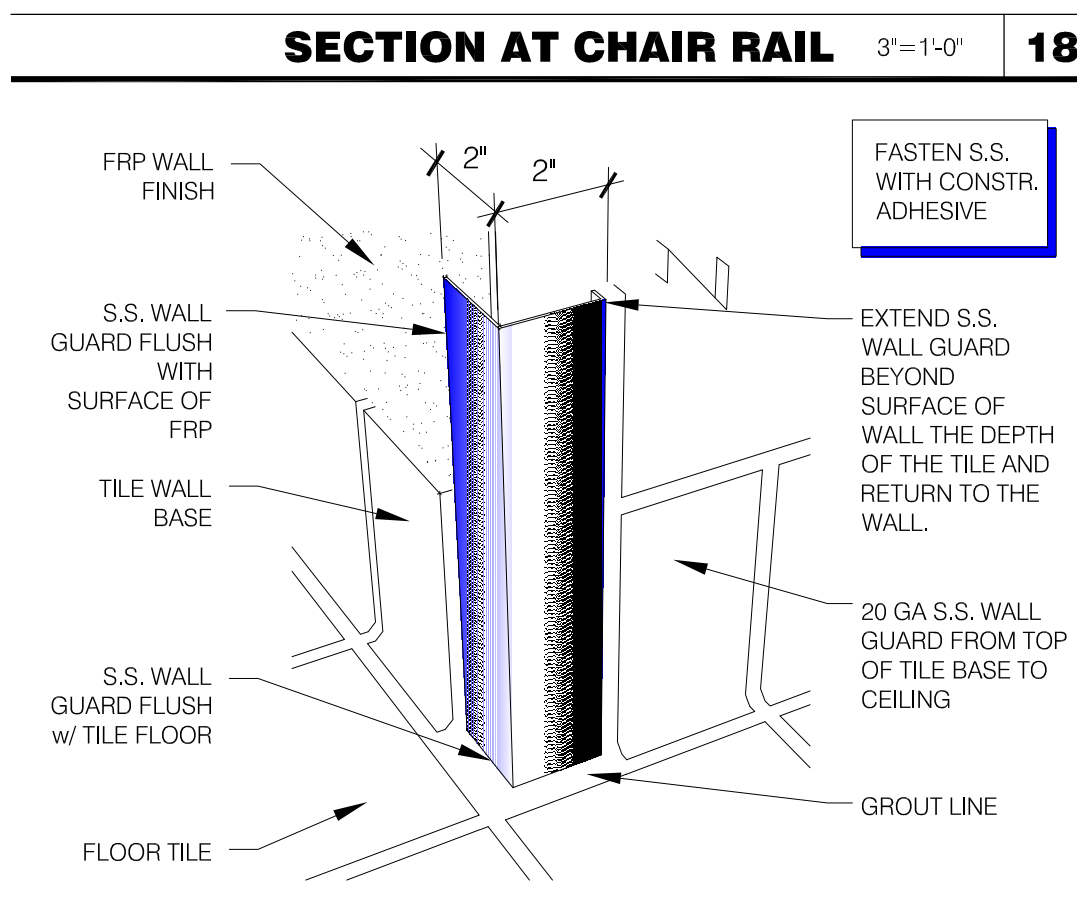
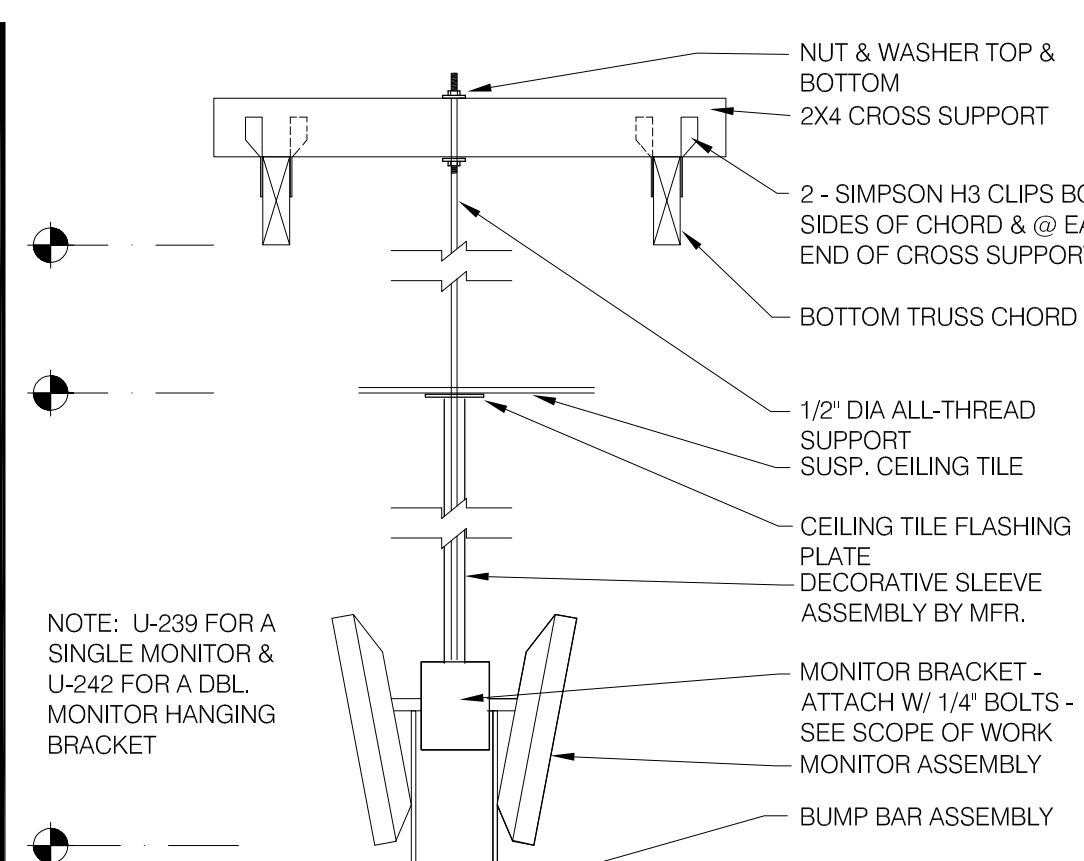
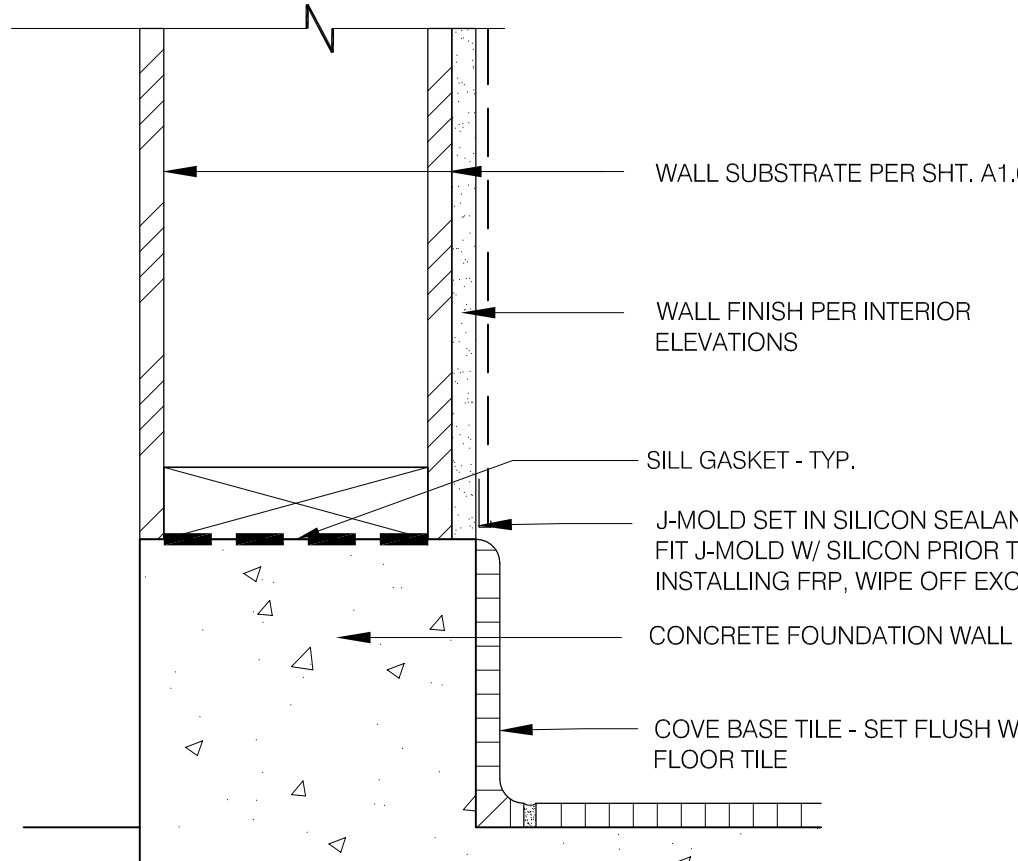
SPLASH GUARD 1" = 1'-0" **9**



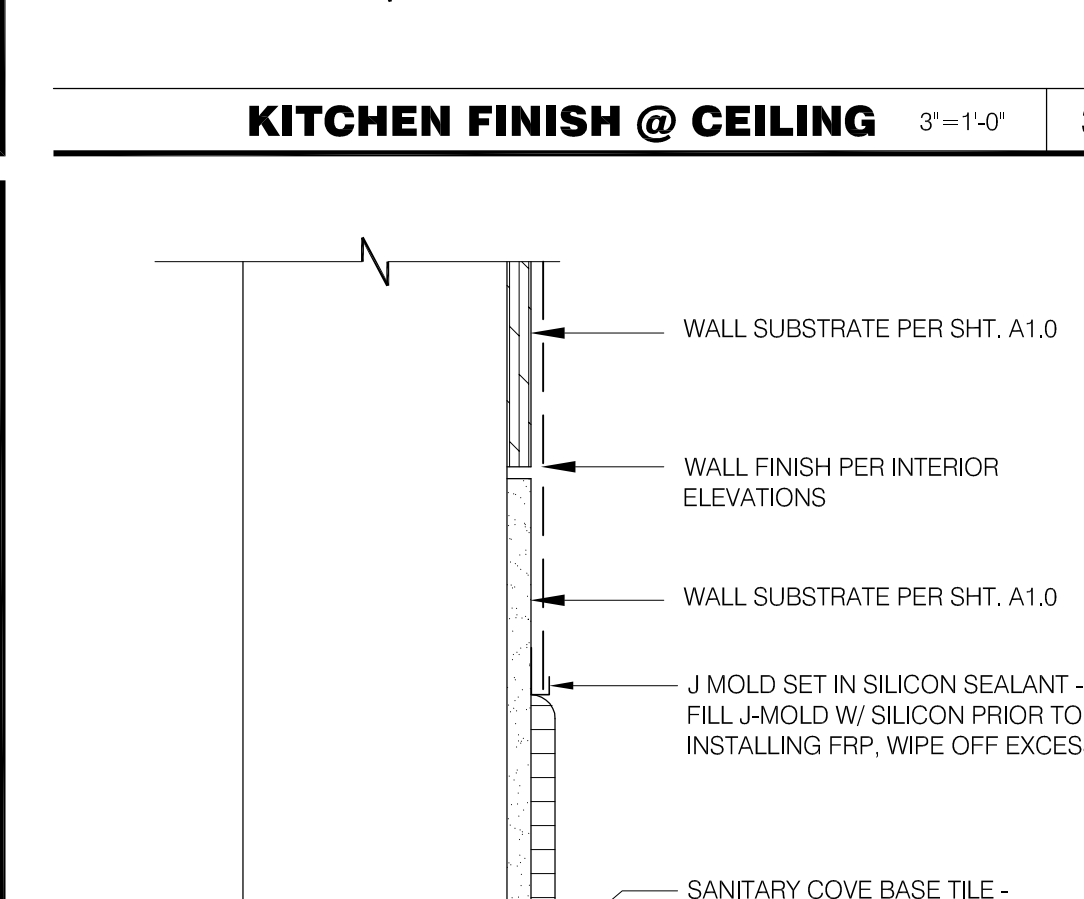
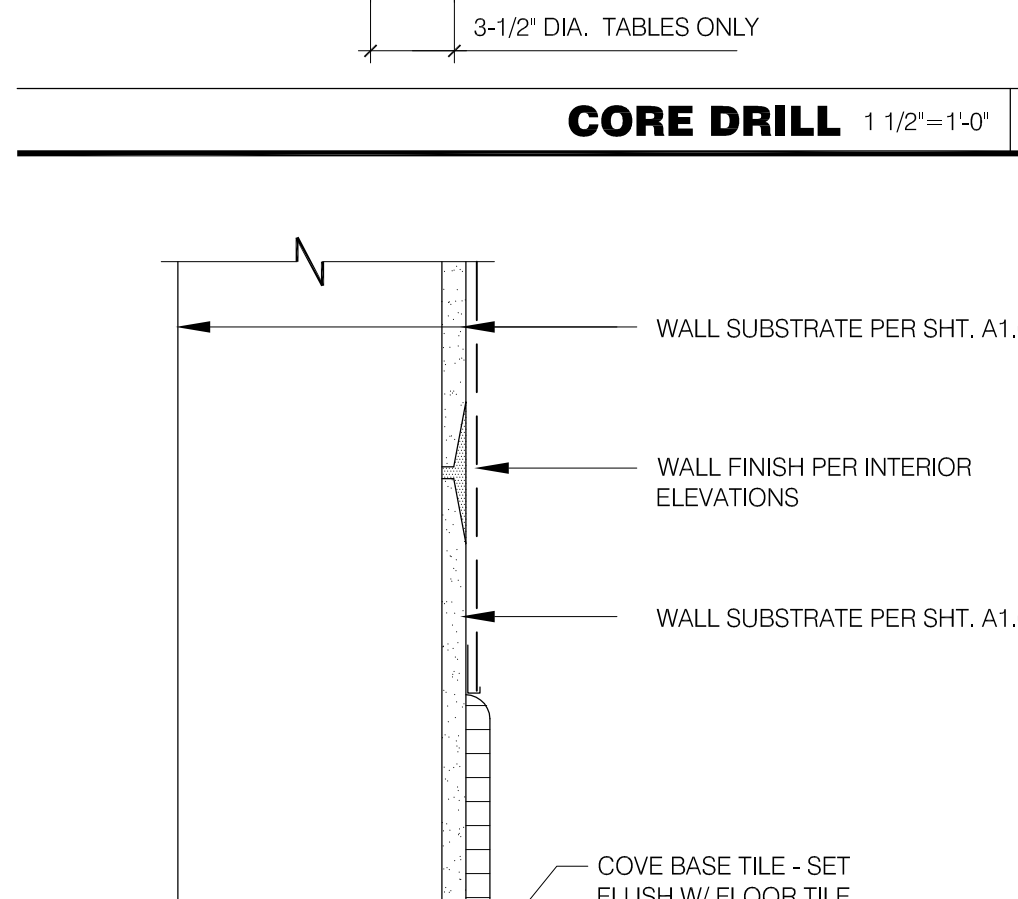
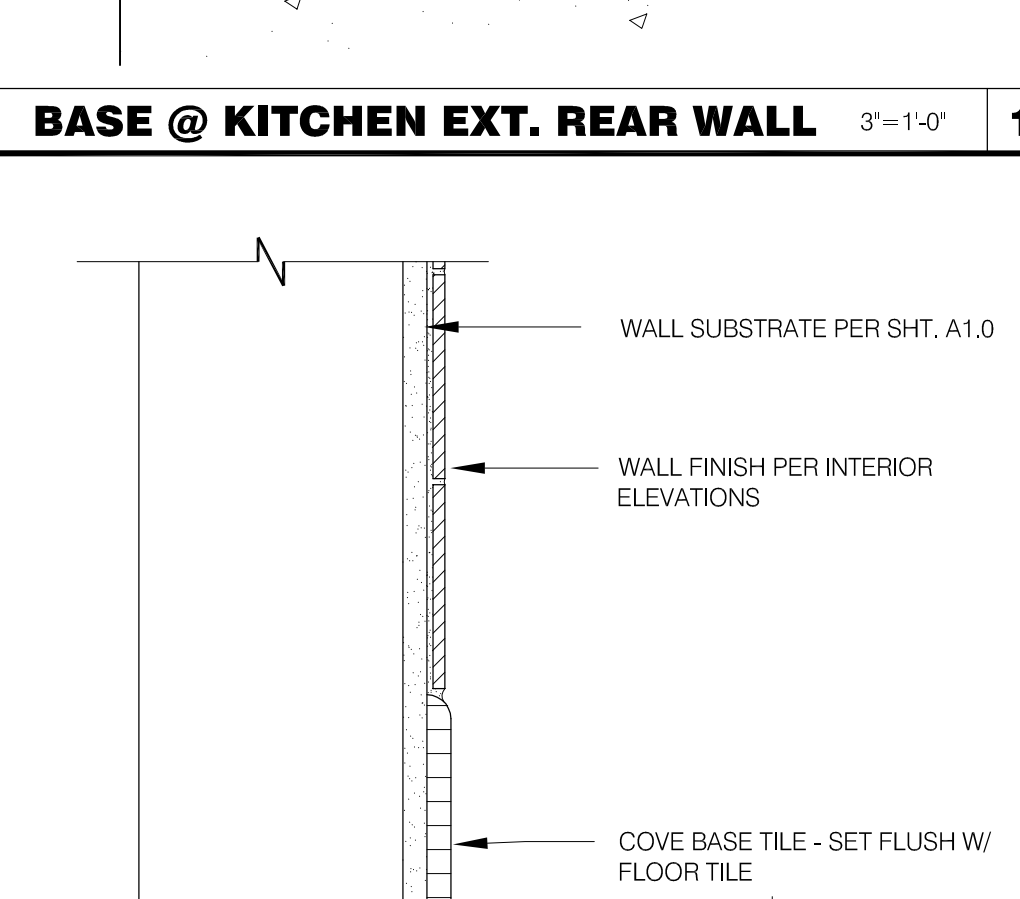
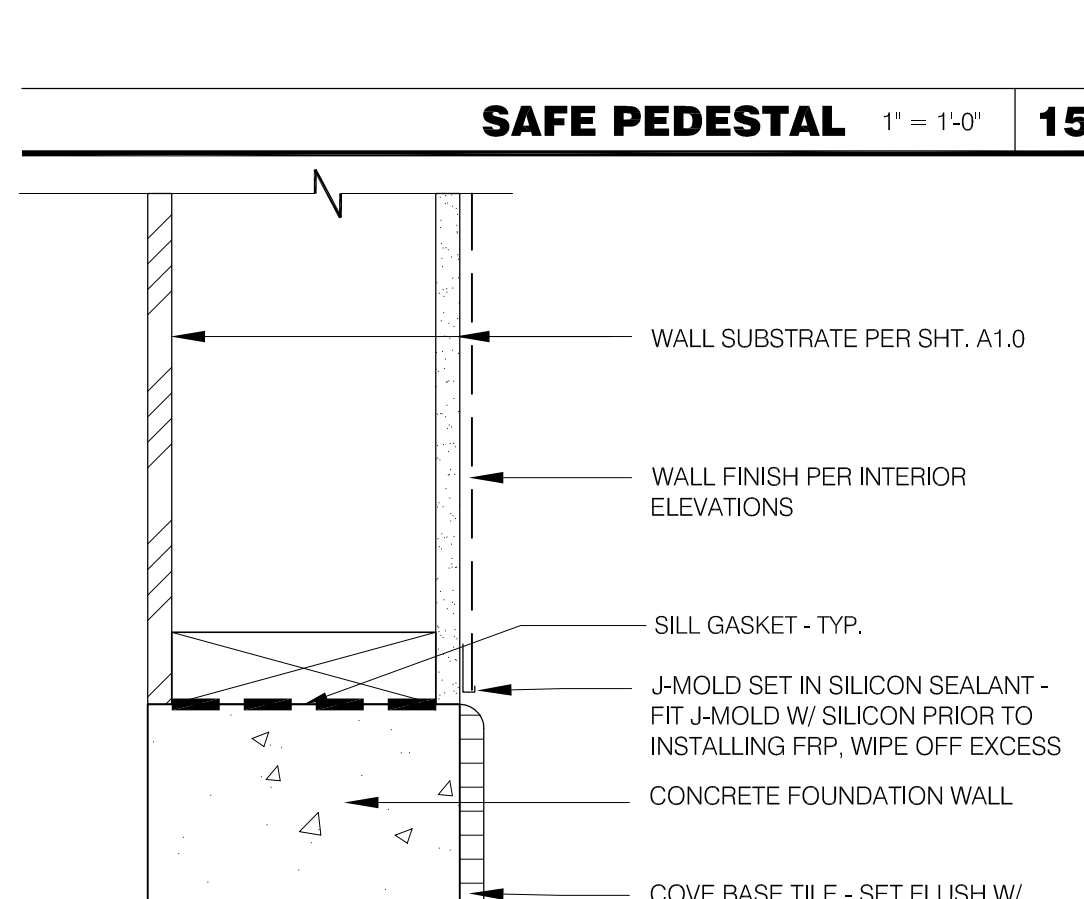
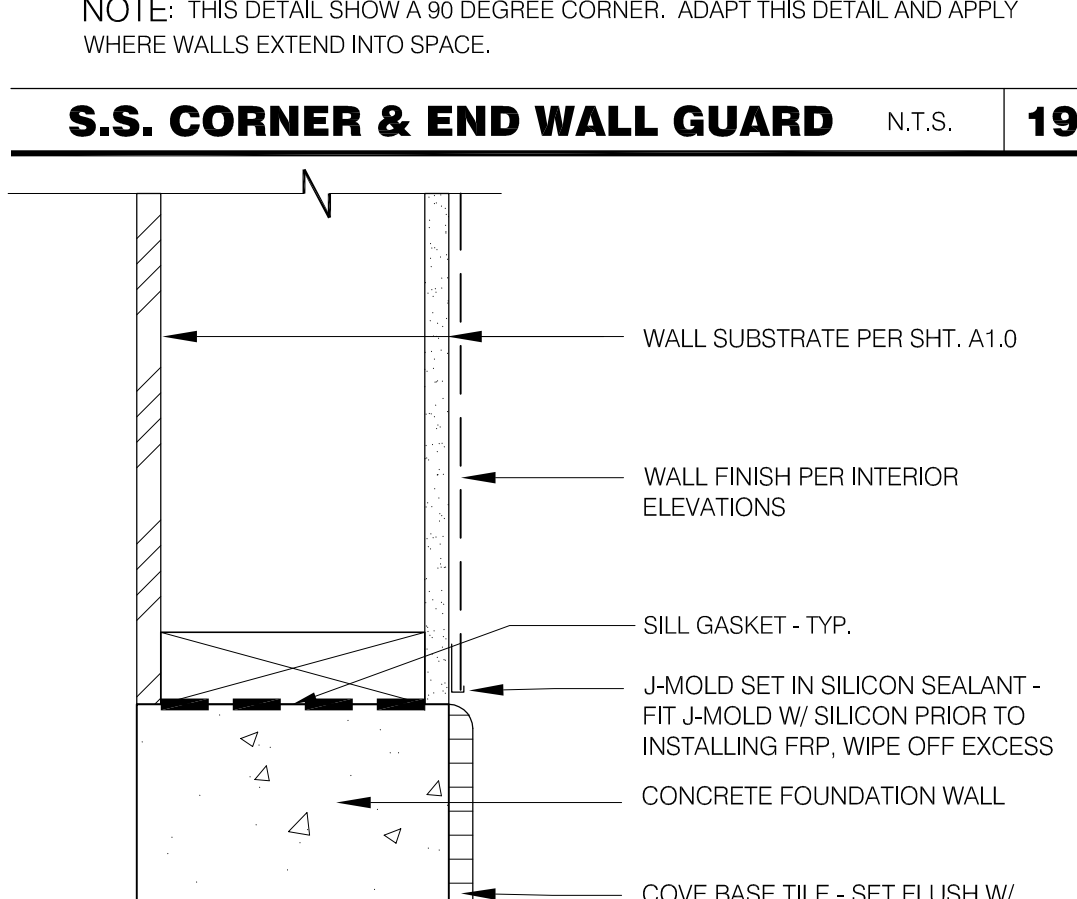
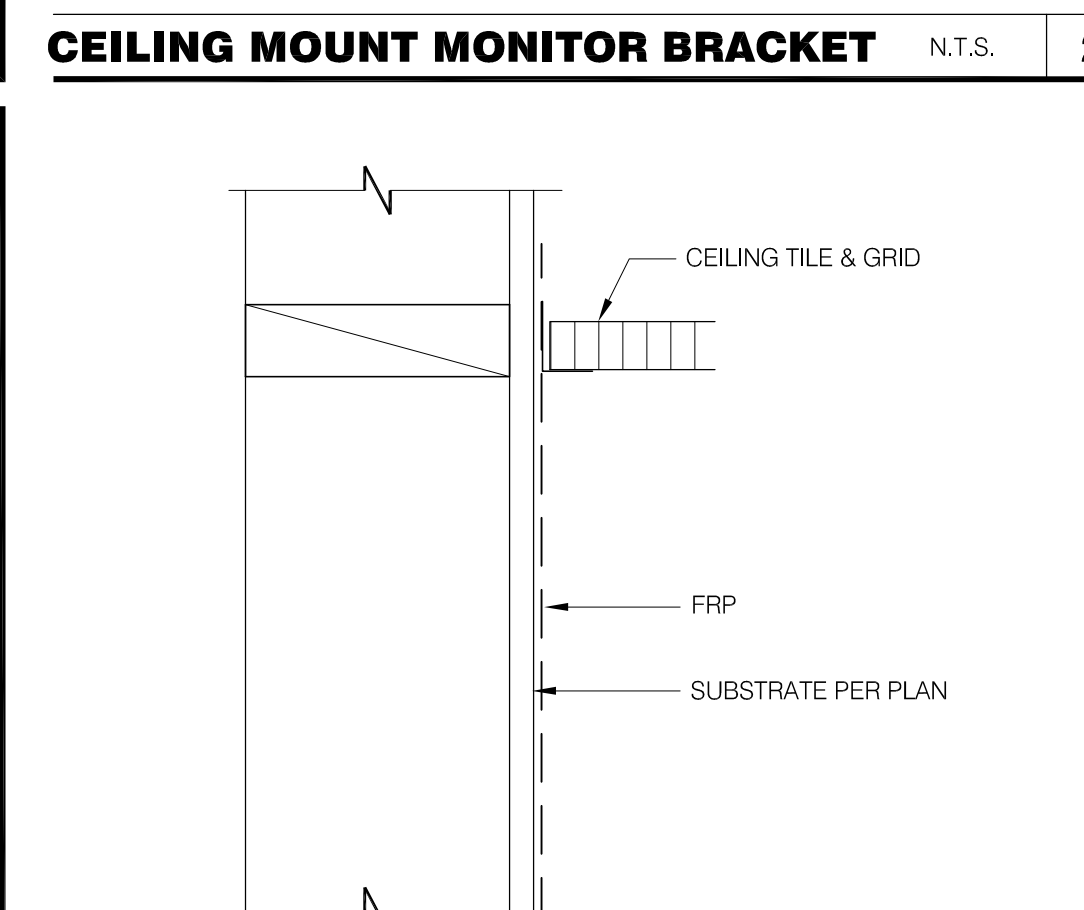
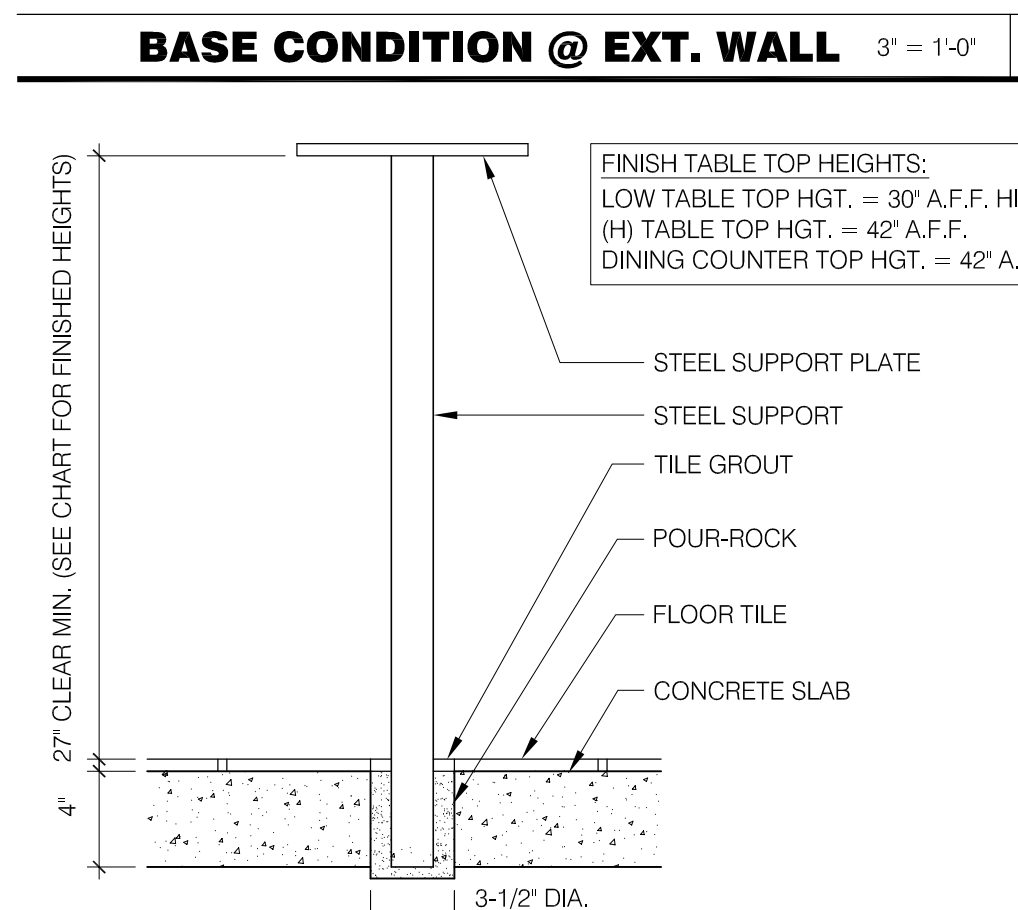
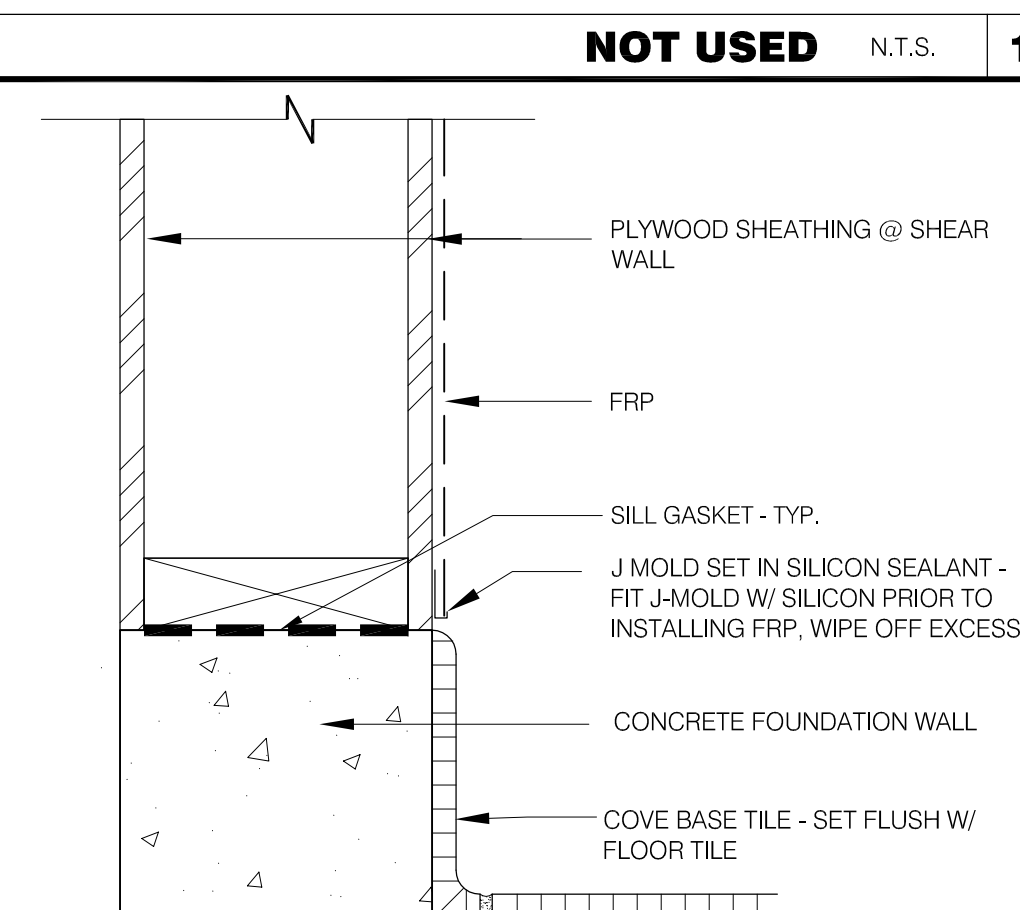
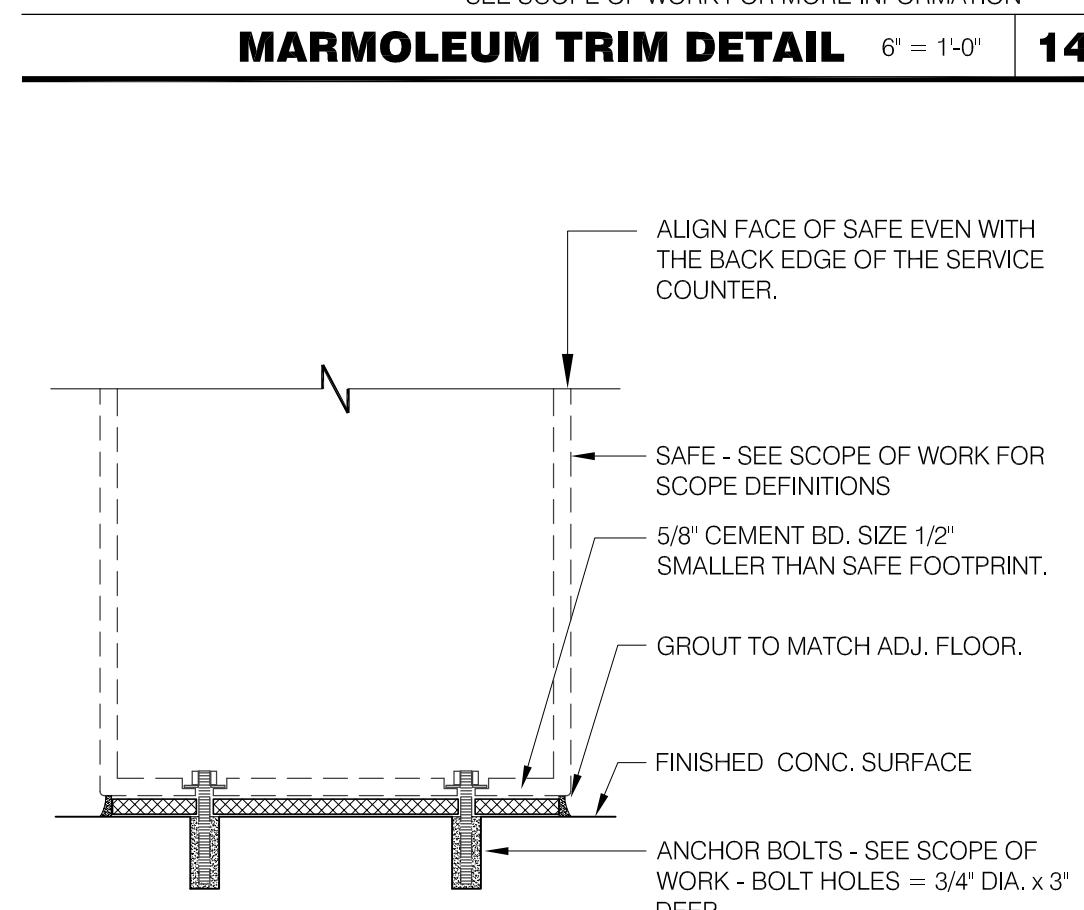
SECTION AT CHAIR RAIL 3" = 1'-0" **18**



MARMOEDIUM TRIM DETAIL 6" = 1'-0" **14**



S.S. CORNER & END WALL GUARD N.T.S. **19**



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ADDRESS CHANGE
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DATE: JULY 15, 2015
BUILDING TYPE: MED-40-MOD
PLAN VERSION: JUNE 2015
SITE NUMBER: _____
ENTITY NUMBER: _____

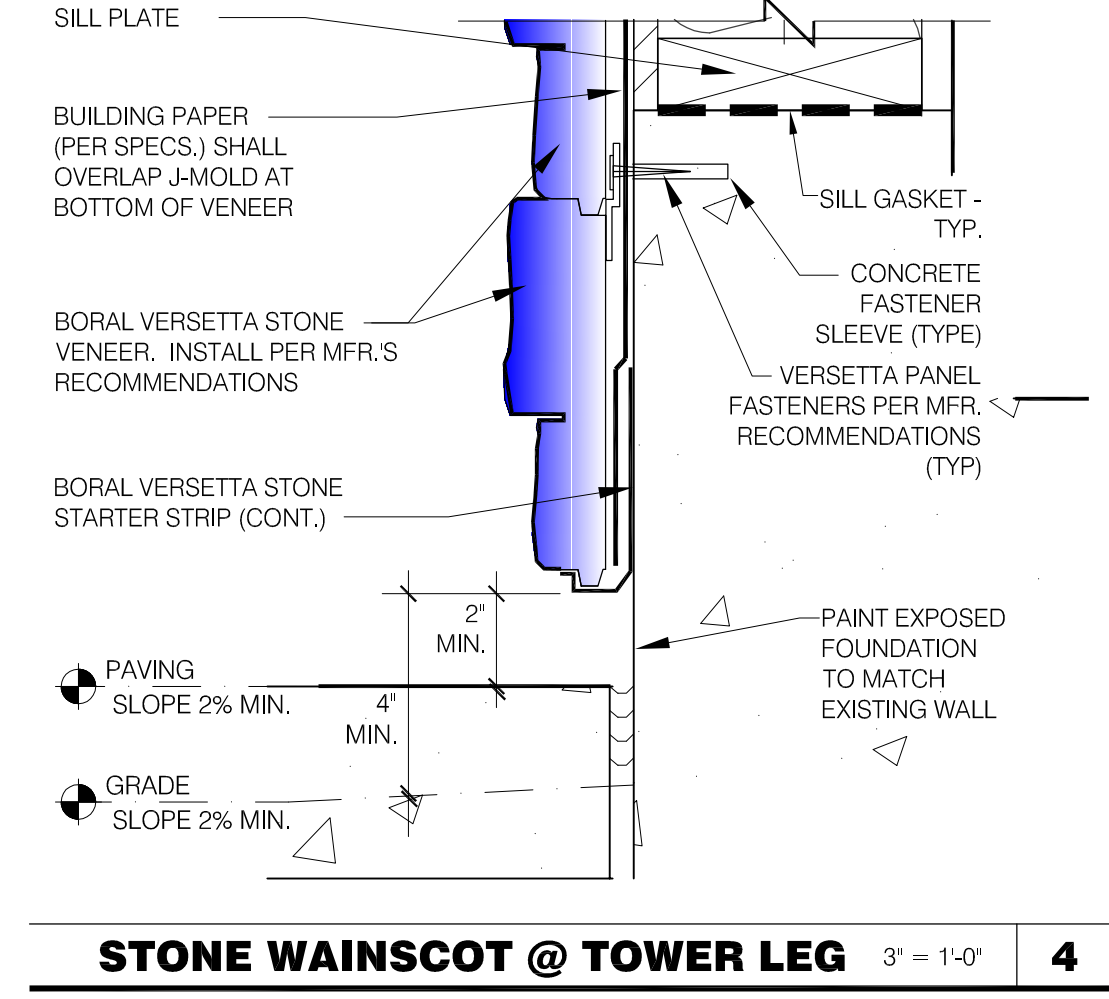
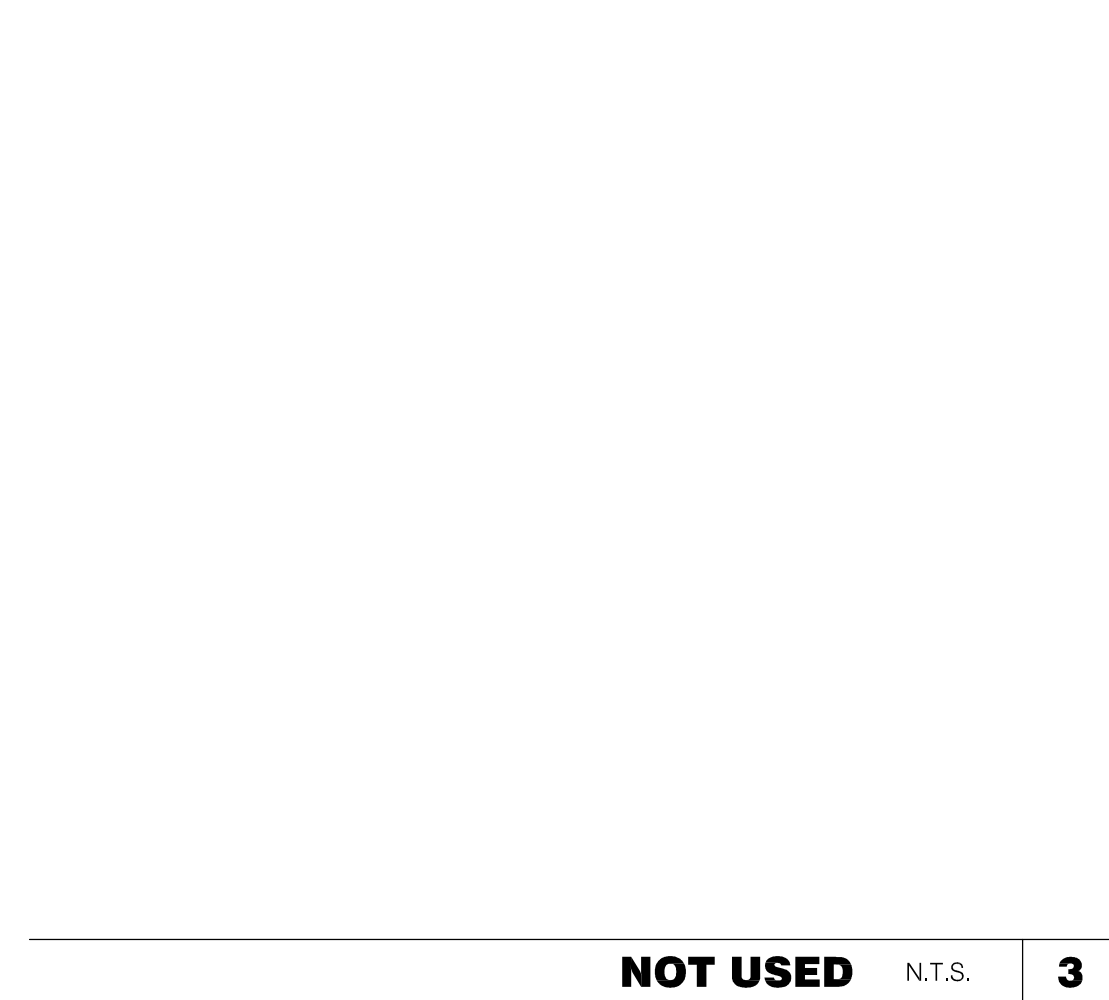
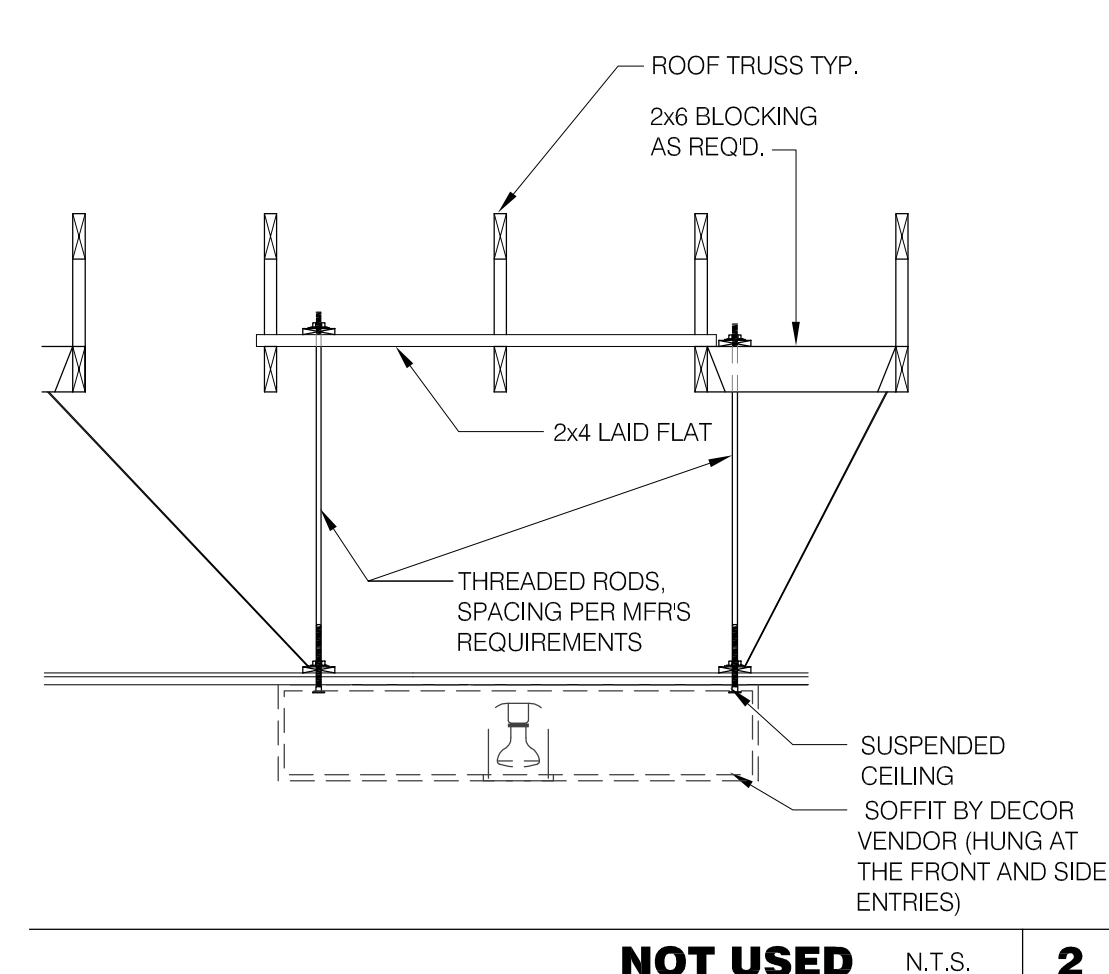
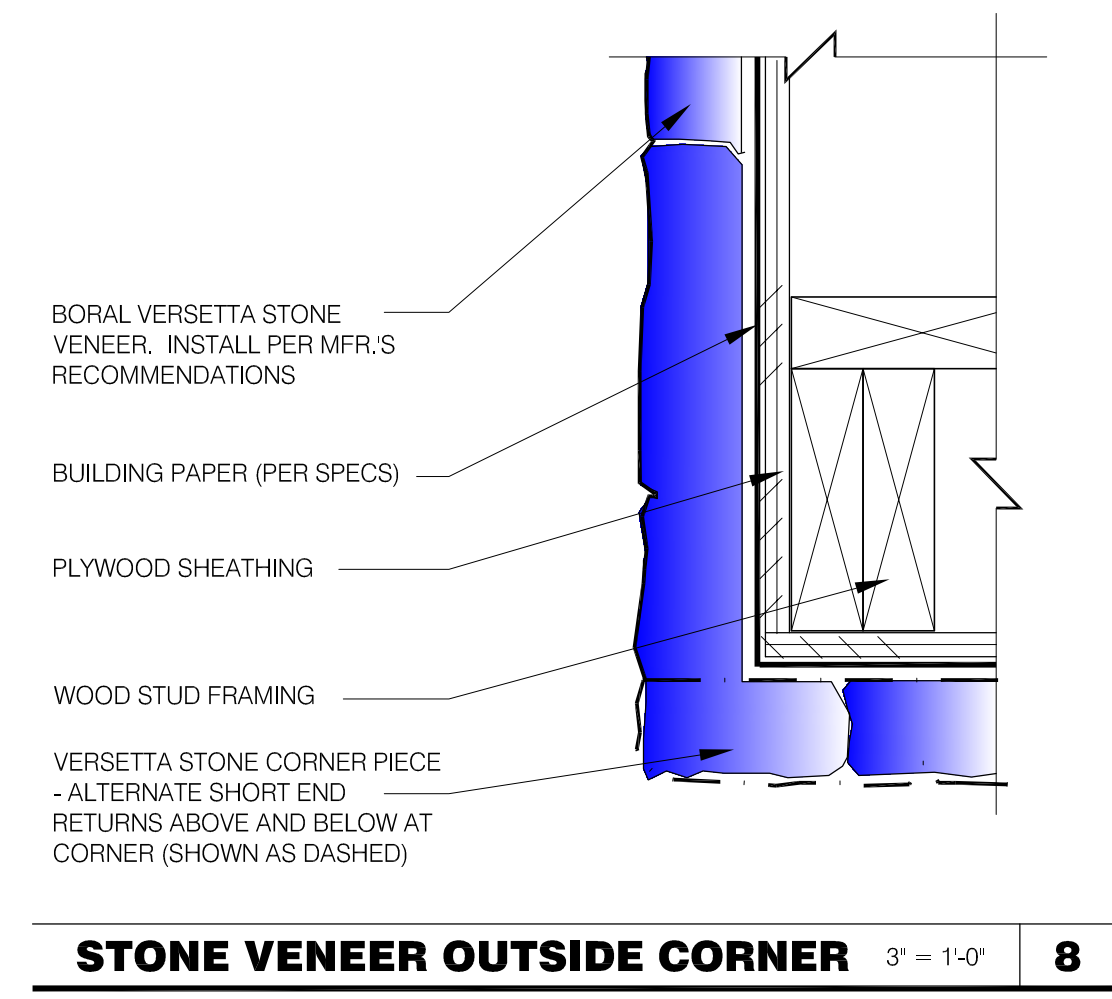
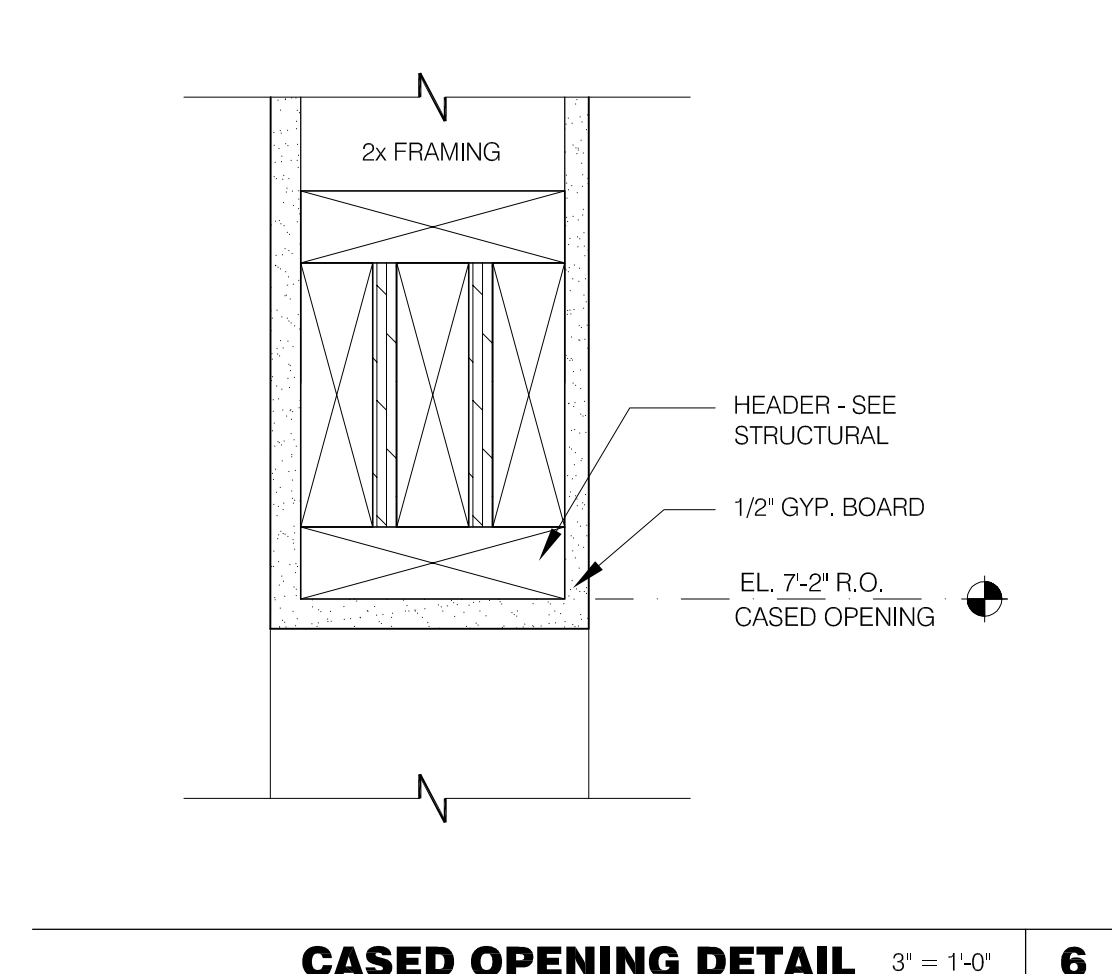
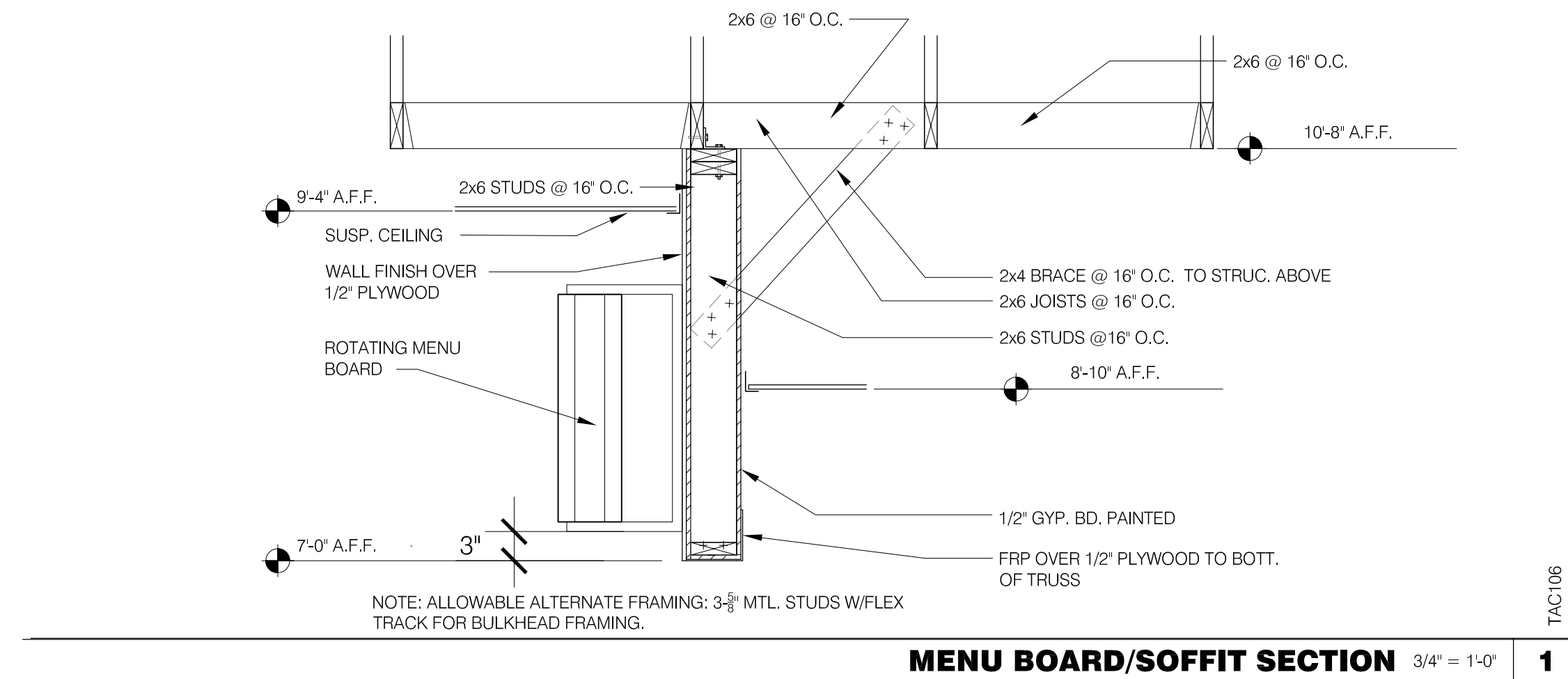
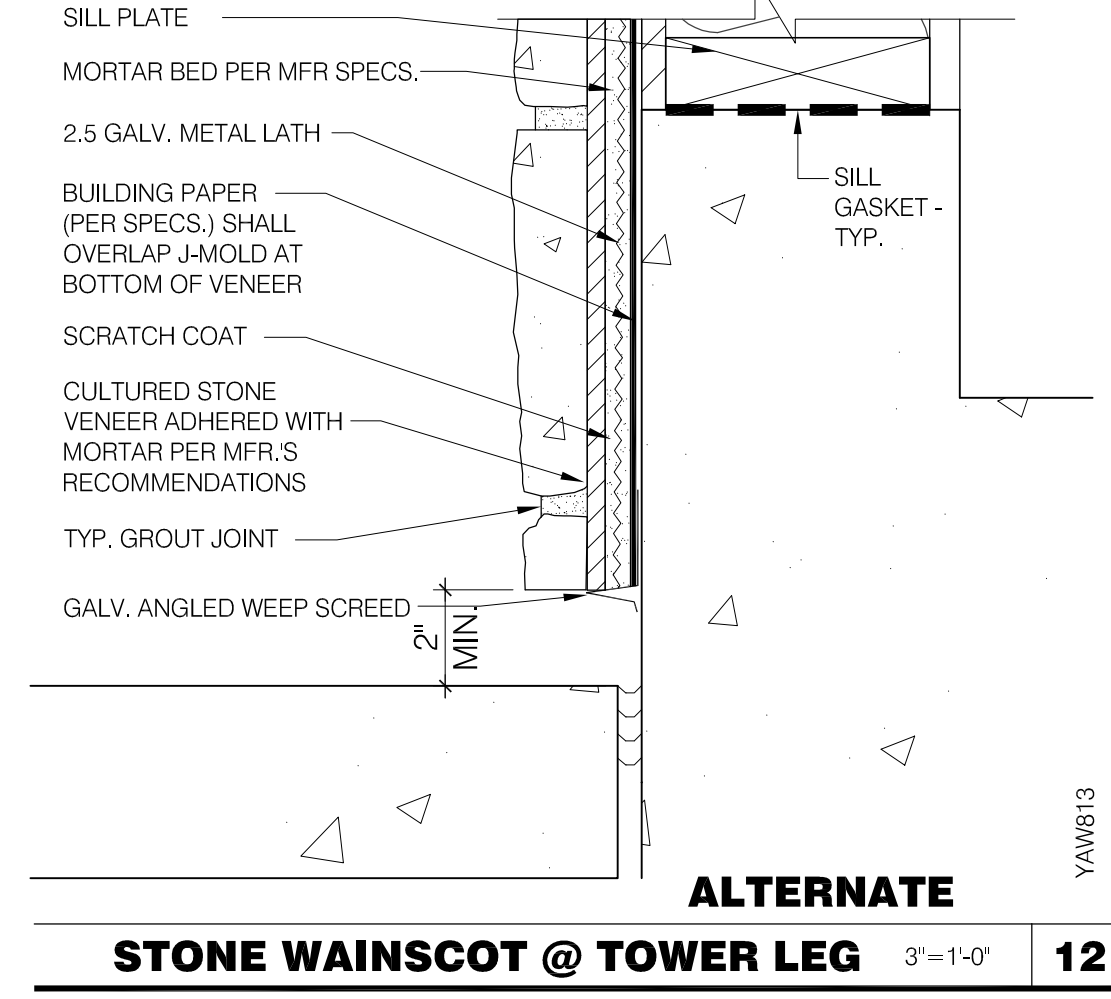
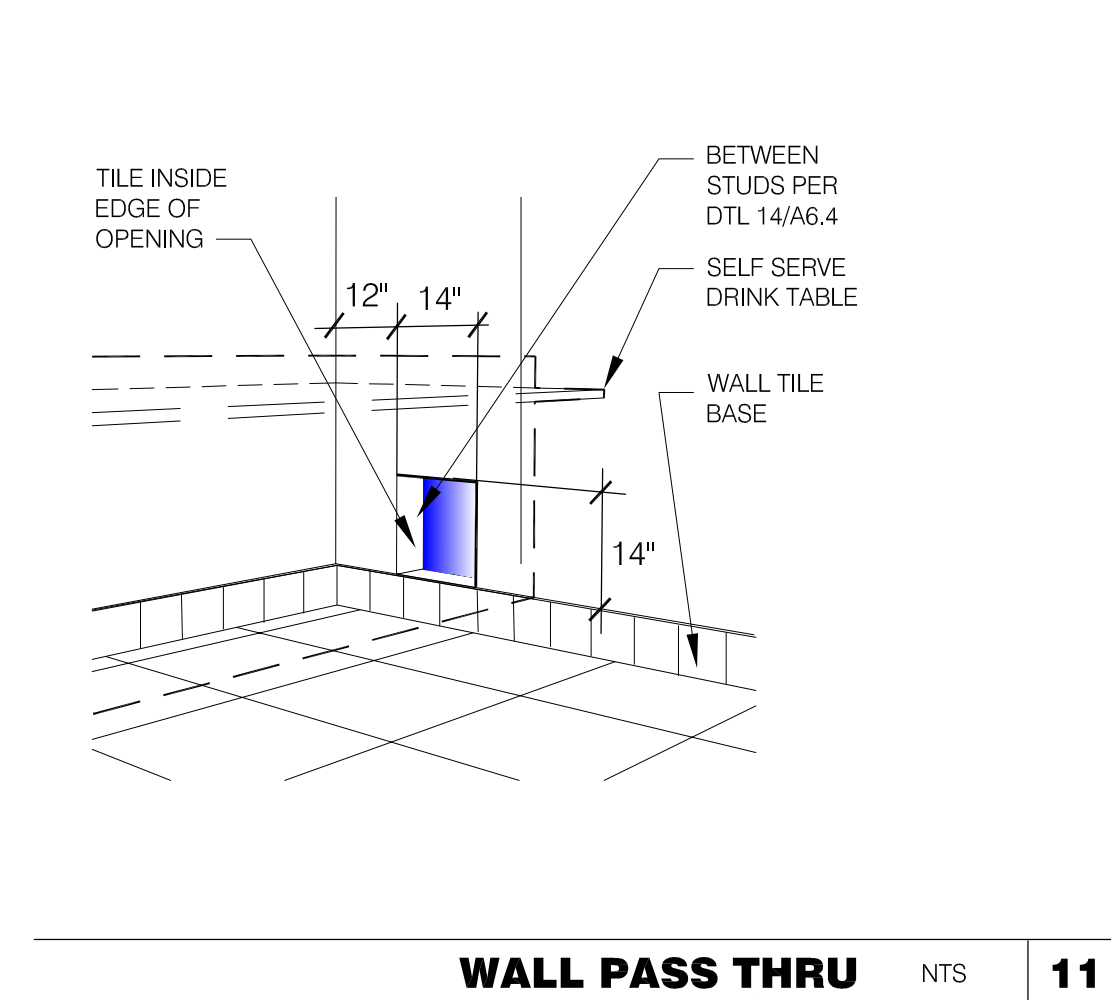
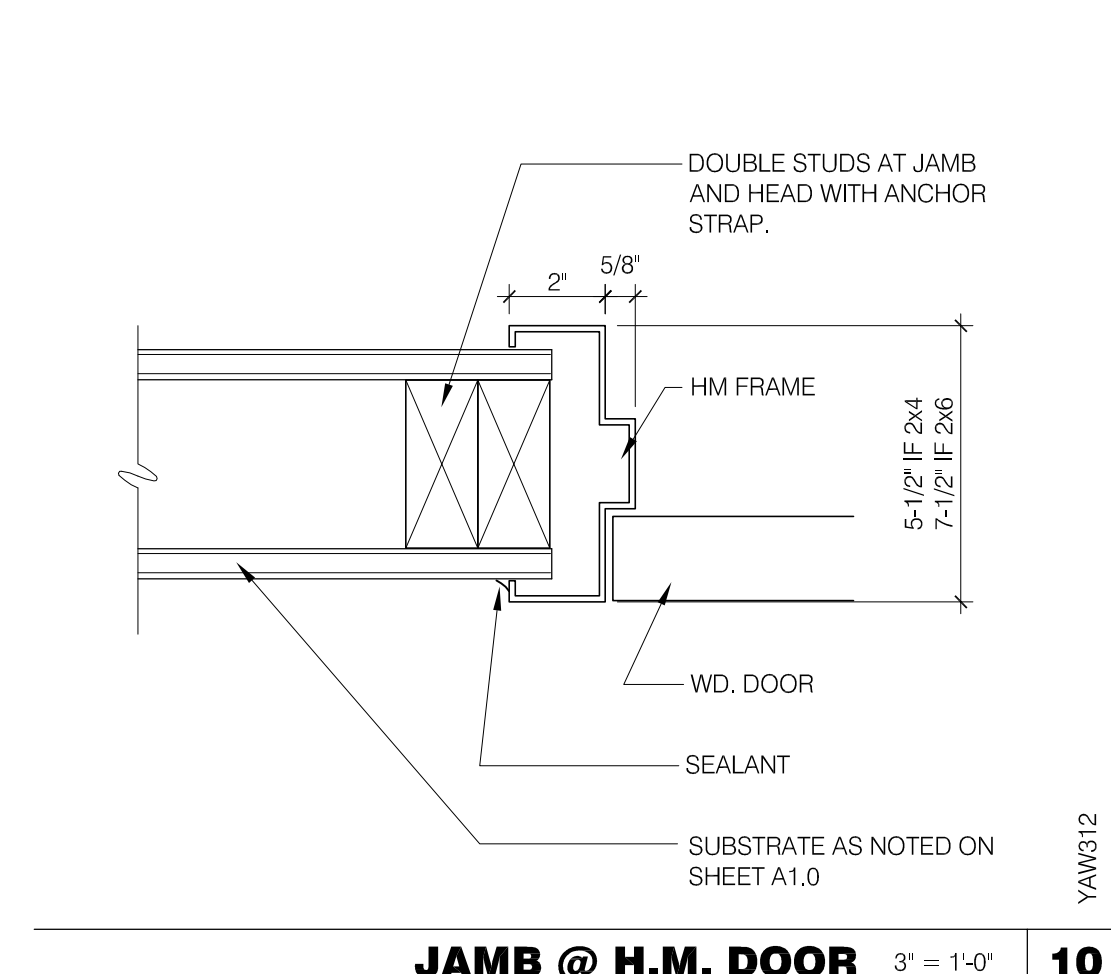
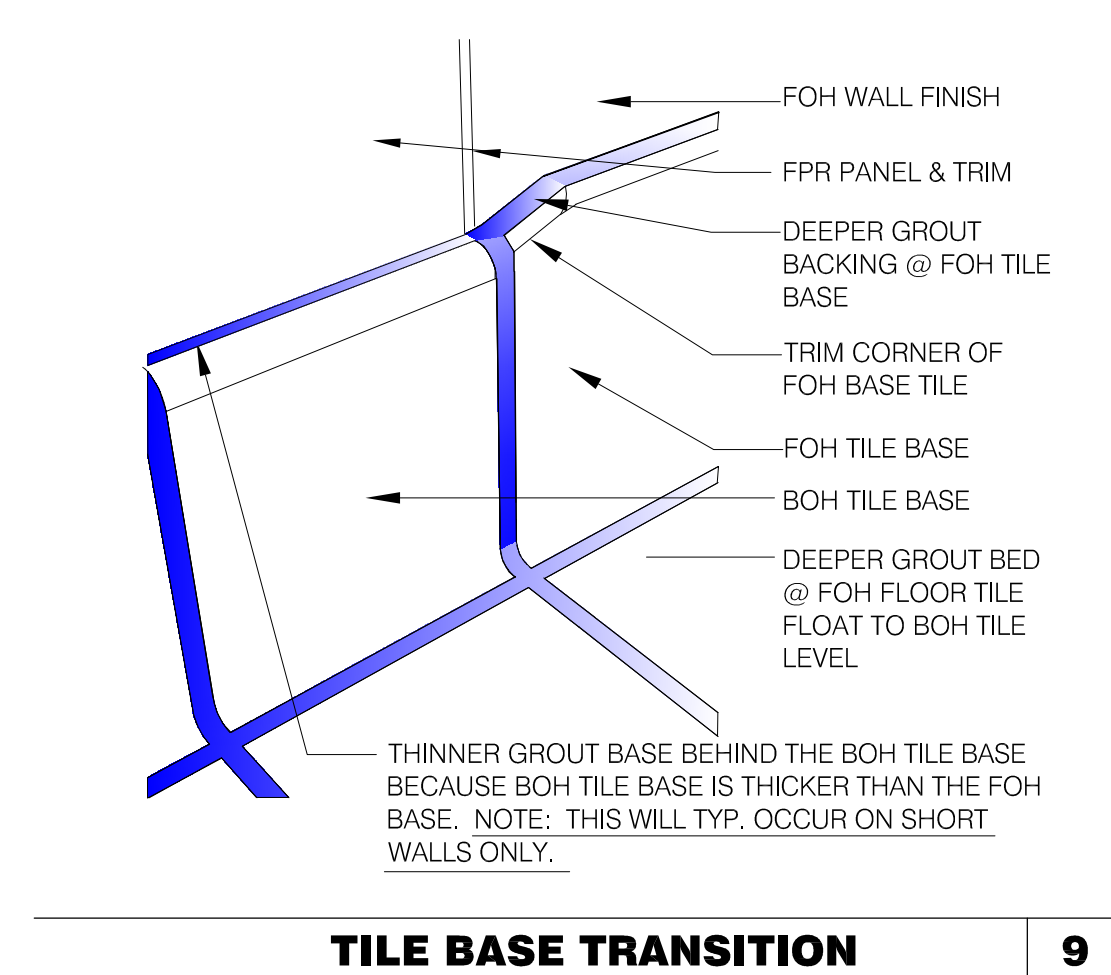
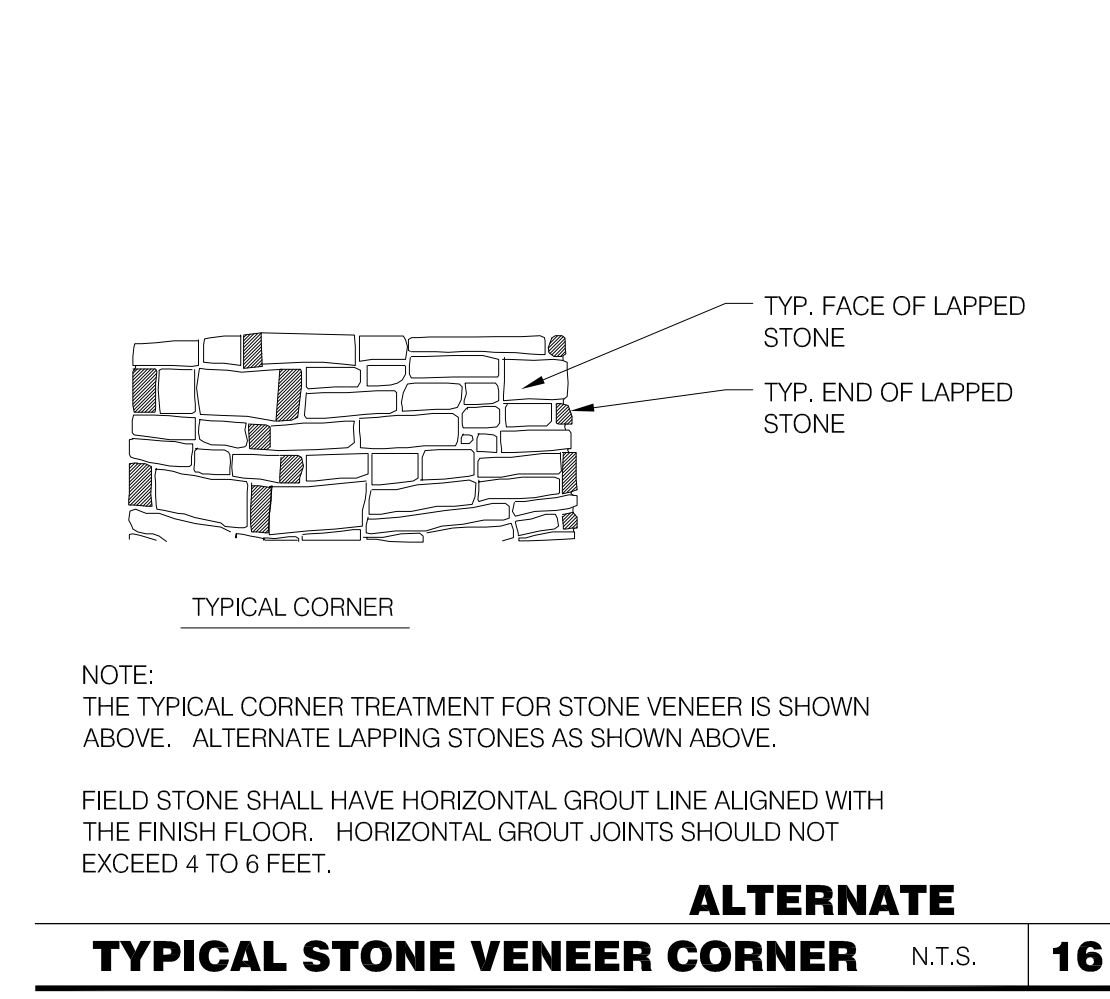
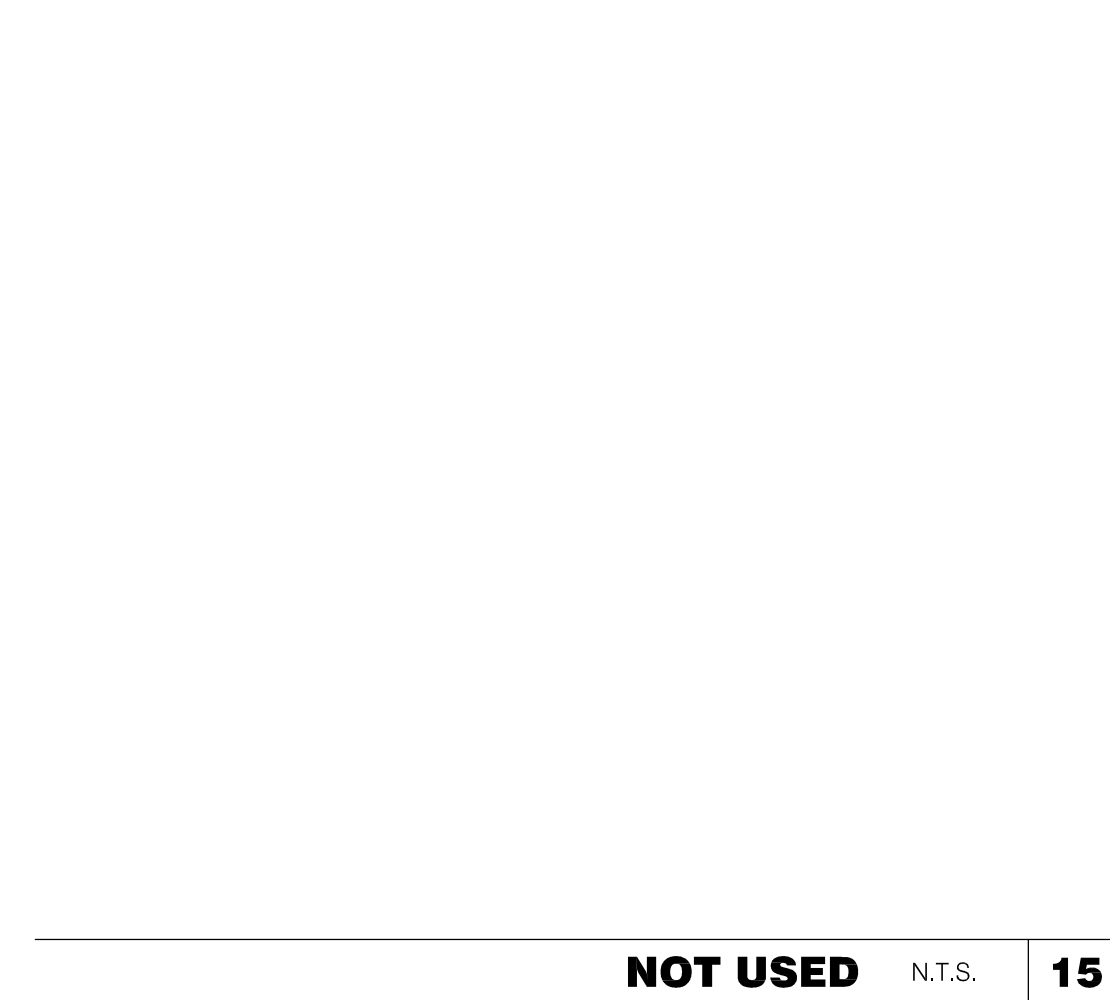
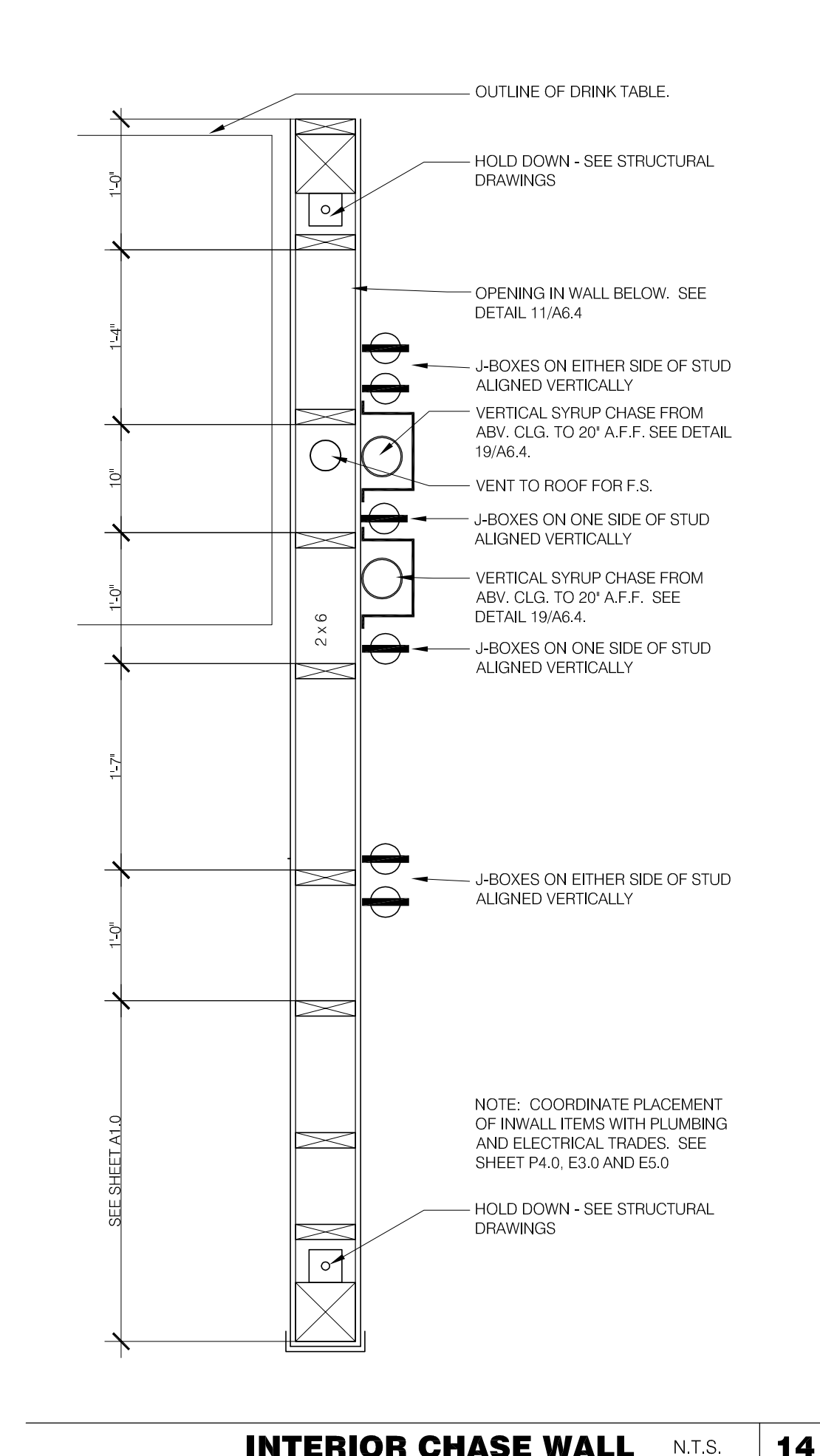
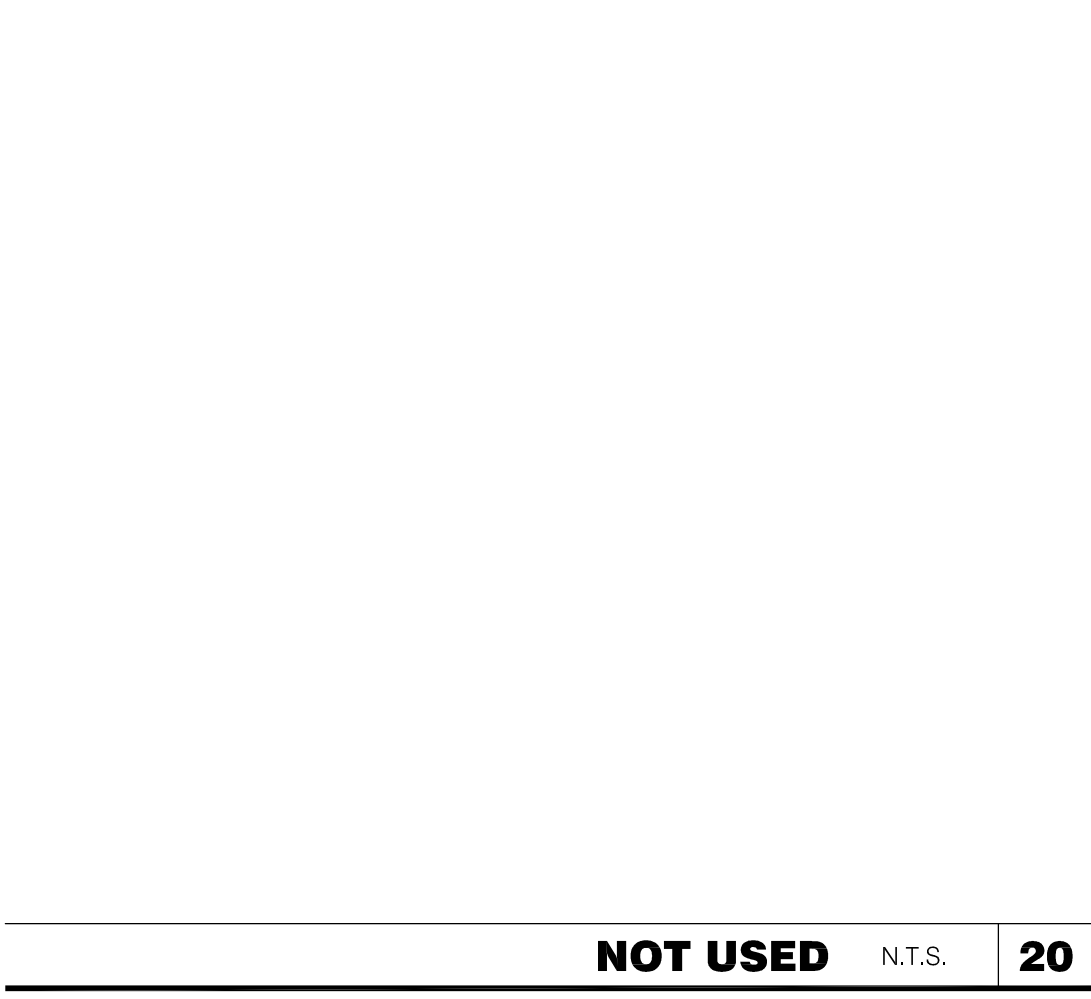
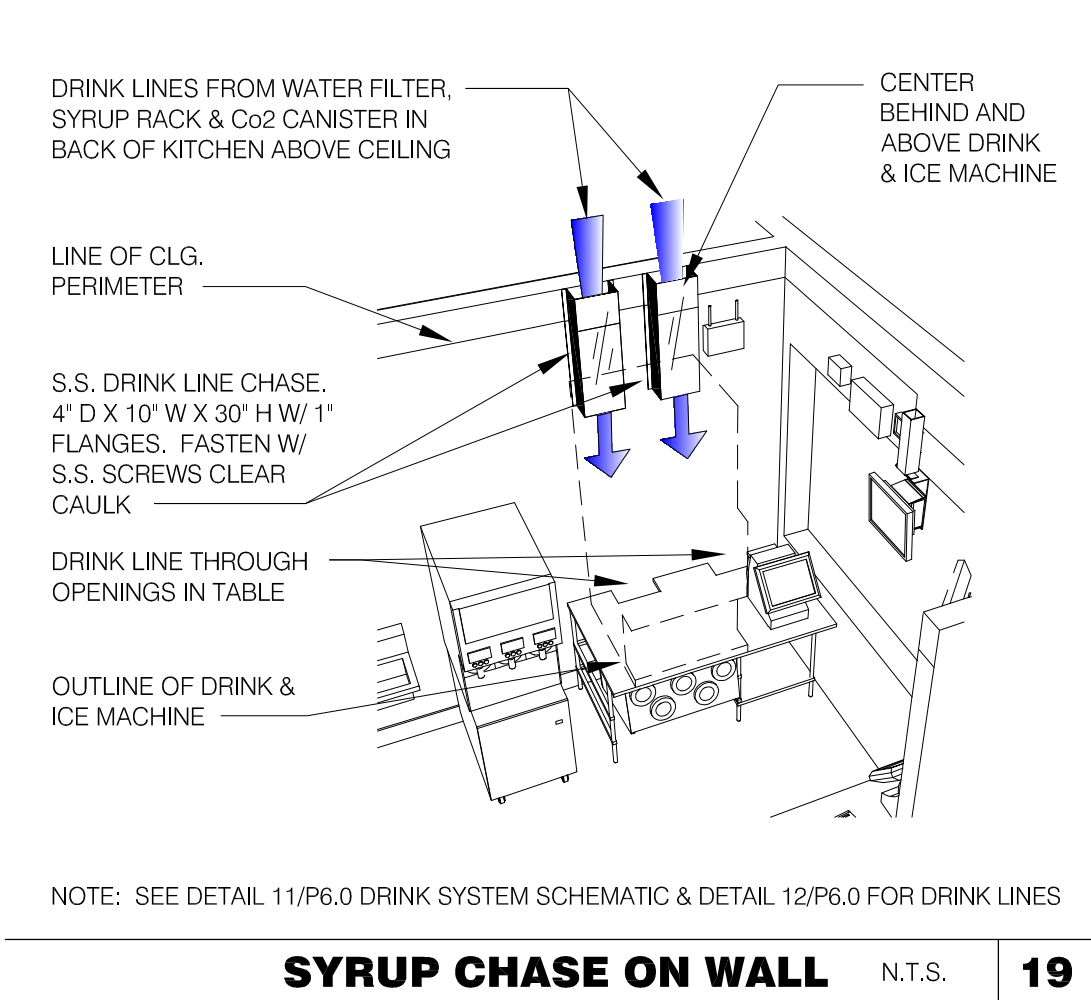
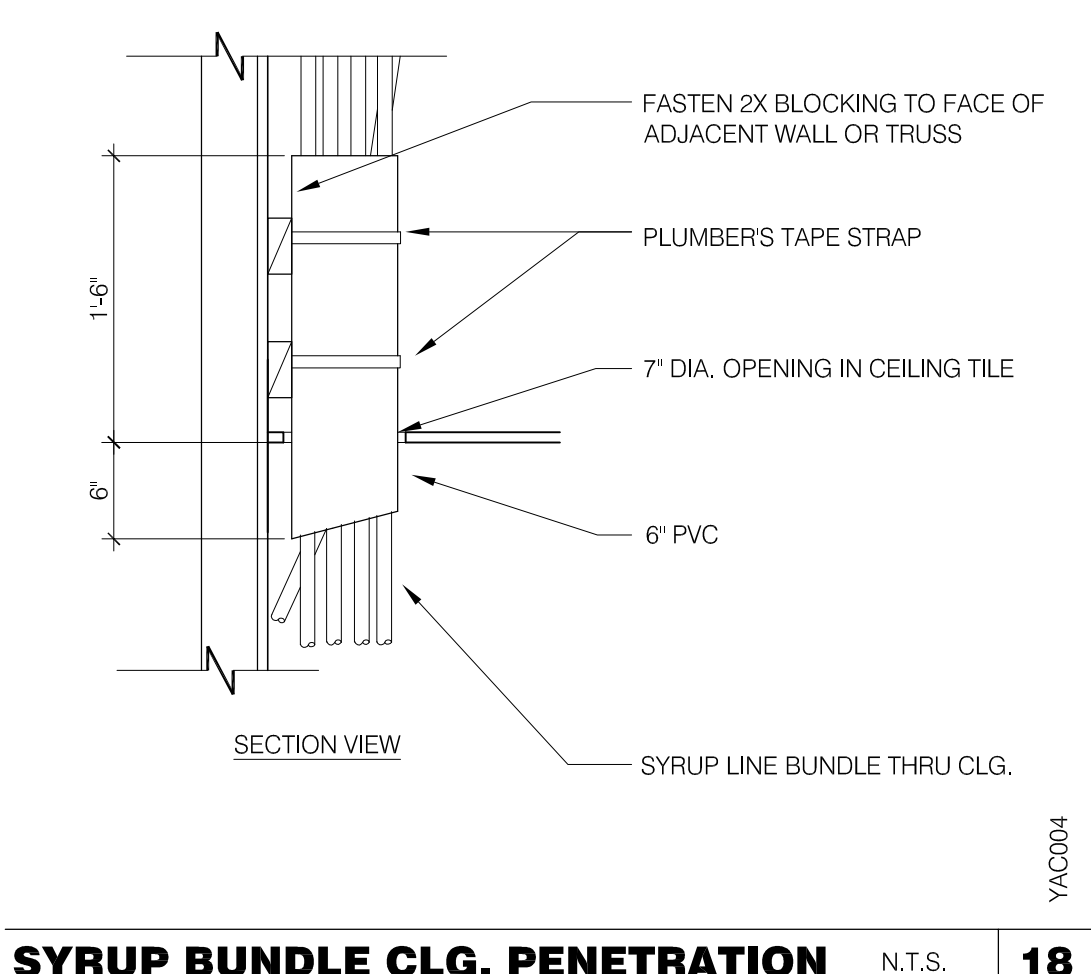
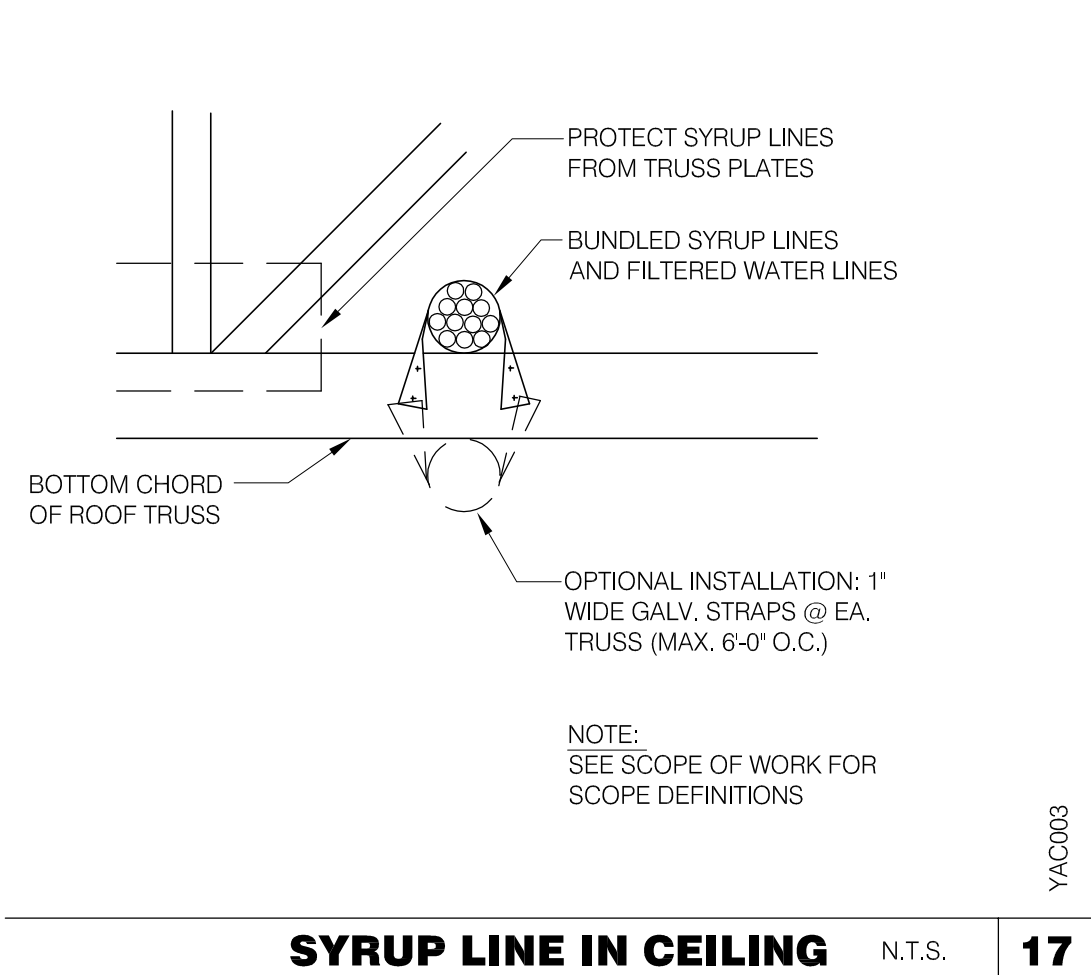
1300 HOLTON LANE
TAKOMA PARK, MD 20912

LIVE MAS
MEDIUM40 - MODIFIED

FINISH DETAILS

A6.3

PLOT DATE: 1-04-16



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 BUILDING TYPE: MED-40-MOD
 PLAN VERSION: JUNE 2015
 SITE NUMBER: _____
 ENTITY NUMBER: _____

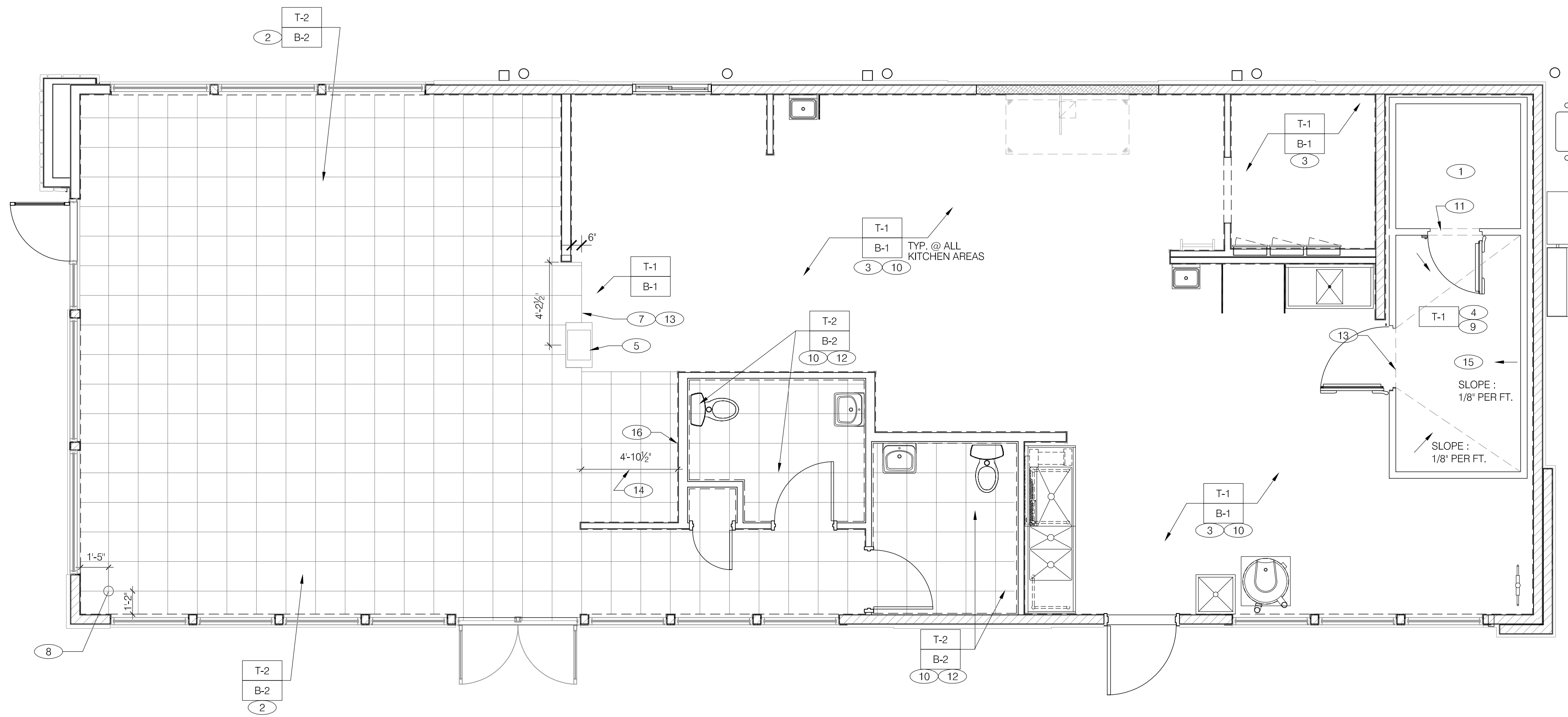
1300 HOLTON LANE
TAKOMA PARK, MD 20912

LIVE MAS
MEDIUM40 - MODIFIED

CONSTRUCTION DETAILS INTERIOR

A6.4

PLOT DATE: 1-04-16



15025.000

△	ADDRESS CHANGE
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DATE:	JULY 15, 2015
BUILDING TYPE:	MED-40-MOD
PLAN VERSION:	JUNE 2015
SITE NUMBER:	-----
ENTITY NUMBER:	-----

1300 HOLTON LANE
TAKOMA PARK, MD 20912



FLOOR FINISH PLAN

A7.0

PLOT DATE: 1-04-16

FLOOR FINISH PLAN 1/4"=1'-0" **A**

A. □ DENOTES FINISH MATERIAL. REFER TO SHT A7.2 FOR FINISHES.

- B. TILE JOINTS (U.O.N.):
1. QUARRY FLOOR TILE : 1/4"
 2. PORCELAIN FLOOR TILE : 3/16"
 3. GLAZED WALL TILE : 1/8"
 4. BASE, TRIM AND ACCESSORIES : MATCH ADJOINING TILE UNITS

C. TILE INSTALLATIONS REQUIRE MANUFACTURERS STANDARD MOLDED CORNERS AT BOTH INSIDE AND OUTSIDE CORNERS.

D. ALL BASE TILE SHALL BE SANITARY COVE STYLE WITH 3/8" MIN RADIUS UNLESS NOTED OTHERWISE.

E. SEE SCOPE OF WORK SHEETS FOR RESPONSIBILITIES.

F. PROVIDE CLEAR SILICONE CAULK WHERE FRP STOPS AT TOP OF COVE BASE.

G. TILE CHIPPING AROUND CORE DRILL HOLES FOR SEATING FIXTURE WILL NOT BE ACCEPTED.

1. FACTORY FLOOR FINISH (GALV STL) W/ INTEGRAL COVE BASE
2. 6" COVE TILE BASE. SEE DETAIL 8/A6.3 FOR INSTALLATION.
3. 6" SANITARY COVE TILE BASE. SEE DETAIL 4/A6.3.
4. PROVIDE FLOOR TILE INSIDE WALK-IN COOLER (NO TILE OR BASE IN FREEZER). FLOAT FLOOR TILE IN COOLERS TO DRAIN TO KITCHEN. COORD. WITH COOLER WALL CONFIGURATION.
5. PLATFORM FOR SAFE - SEE DETAIL 15/A6.3
6. NOT USED.
7. FLOOR TILE SHALL TRANSITION AT SERVICE COUNTER WALL.
8. START POINT FOR FLOOR TILE.
9. METAL BASE IN COOLER; SEE SCOPE OF WORK. SEE DETAIL 1/A6.3.
10. REFER TO STRUCT DRAWINGS FOR CONC FLOOR SLOPES AROUND FLOOR DRAINS.
11. FLOAT FLOOR TILE TO MEET FREEZER FLOOR FLUSH. COORD WITH FREEZER THRESHOLD INSTALLATION.
12. SANITARY TILE BASE IN RESTROOMS. SEE DETAIL 12/A6.3 FOR INSTALLATION.
13. FLOAT FLOOR TILE FOR FLUSH TRANSITION.
14. DIMENSION STRING REPRESENTS LINE OF FLOOR TILE TRANSITION.
15. NO BASE TILE BEHIND ~~W-059~~ WALK-IN COOLER/FREEZER.
16. ALIGN TOP OF B-2 AND B-1. SEE DETAIL 9/A6.4.

NOT USED

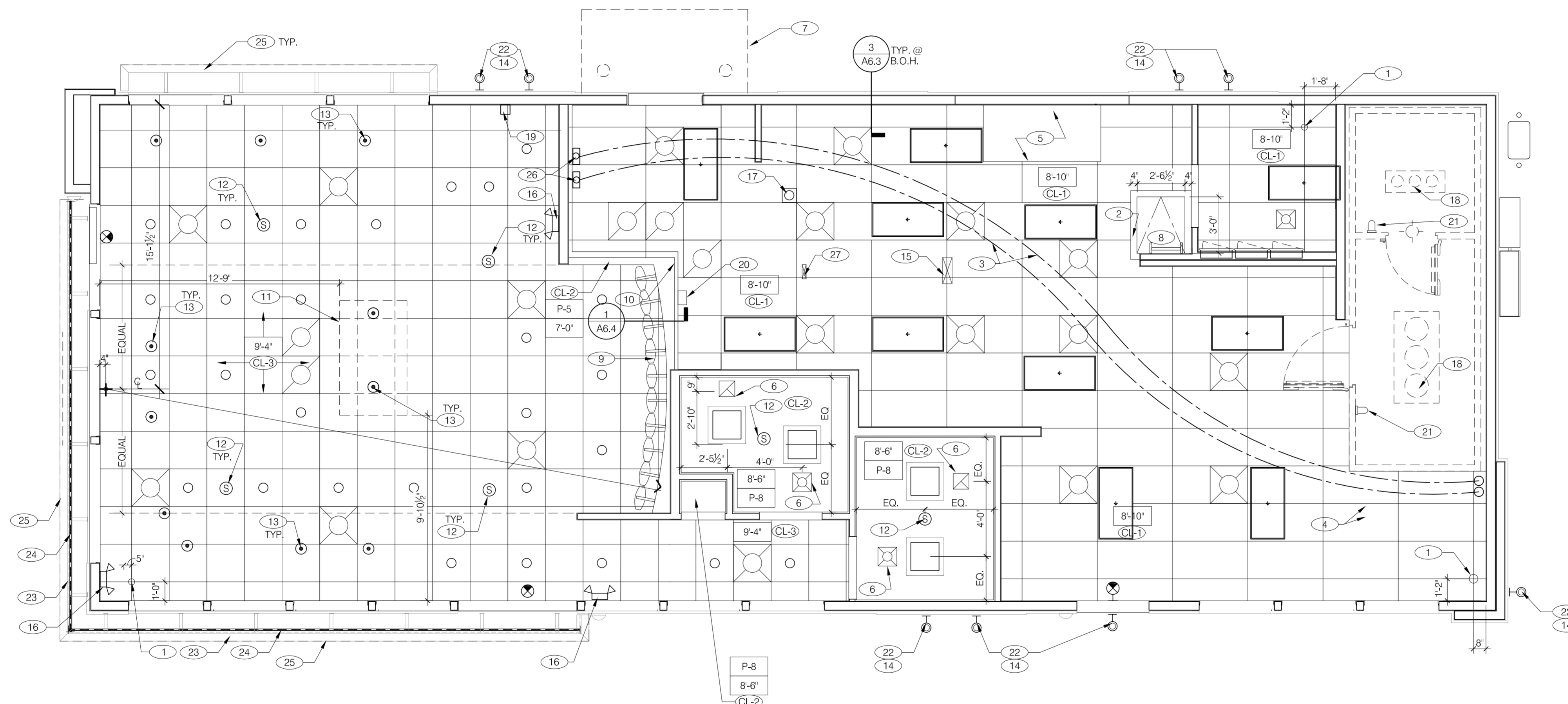
F

FINISH NOTES

D

KEY NOTES

B



PROFESSIONAL CERTIFICATION:
 I HEREBY CERTIFY THAT THESE
 DOCUMENTS WERE PREPARED OR
 APPROVED BY ME, AND THAT I AM
 A DULY LICENSED PROFESSIONAL
 ARCHITECT UNDER THE LAWS OF
 THE STATE OF MARYLAND,
 LICENSE NUMBER 10830,
 EXPIRATION DATE: 08/19/2016.



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DATE: JULY 15, 2015
 BUILDING TYPE: MED-40-MOD
 PLAN VERSION: JUNE 2015
 SITE NUMBER:
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REFLECTED CEILING PLAN 1/4"=1'-0" **A**

	2'-0" x 2'-0" LED TROFFER		EXTERIOR WALL FIXTURE
	2'-0" x 4'-0" FLUORESCENT LIGHT FIXTURE		SPEAKER
	DOWNLIGHT @ WALK-IN (BY WALK-IN MFR.)		12" EXHAUST FAN
	SUSPENDED DOWNLIGHT AT OPEN TRUSS		HVAC RETURN GRILLE
	PENDANT FIXTURE		HVAC SUPPLY DIFFUSER
	DOWNLIGHT		HVAC SUPPLY DIFFUSER
	EMERGENCY LIGHTS		HVAC PERFORATED SUPPLY DIFFUSER
	EXIT LIGHT (WALL MOUNTED)		BACK DOOR SECURITY STROBE LIGHT
	EXIT LIGHT (CEILING MOUNTED)		EXTERIOR CANOPY FLUORESCENT LIGHT
	PENDANT OR DIRECTIONAL FIXTURE, TRACK MOUNTED		

DIMENSIONS:
 A. ALL DIMENSIONS ARE TO FACE OF FINISH U.O.N.
CEILING FINISHES:
 A. REFER TO ROOM FINISH SCHEDULE (SHT A7.2) FOR CLG. FINISHES.
SUSPENDED CEILING:
 A. ACOUSTICAL PANEL INSTALLATION: INSTALL ACOUSTICAL PANELS WITH EDGES IN CLOSE CONTACT WITH METAL SUPPORTS AND IN TRUE ALIGNMENT.
 B. ALLOWABLE VARIATIONS FROM FLAT AND LEVEL SURFACE: 1/8" IN 10'-0" MAX.
 C. ALLOWABLE VARIATIONS FROM PLUMB OF GRID MEMBERS: AS CAUSED BY ECCENTRIC LOADS: 2" MAX.
 D. INSTALL SYSTEM AFTER MAJOR ABOVE CLG. WORK IS COMPLETE. COORD LOCATIONS OF HANGERS WITH RELATED WORK.
 E. SEE SPECS FOR ADDITIONAL INFORMATION.
GYPSUM BOARD CEILING:
 A. SUBSTRATE SHALL BE 1/2" THICK GYP. BD.
 B. ACOUSTICAL SEALANT: APPLY TO GYP. BD. PANELS AS INDICATED IN SPECS.
 GYP. BD. FINISHING AND DECORATING: REFER TO DWGS FOR TEXTURE AND FINISHES.
ELECTRICAL:
 A. SEE ELEC. DWGS, FOR FIXTURE SCHED.

- 1 CEILING GRID STARTING POINT.
- 2 BULKHEAD @ 8'-0" A.F.F.
- 3 NON-INSULATED BUNDLED SYRUP LINES FOR DRINK SYSTEM. SEE SCOPE OF WORK. SEE DETAIL 17/A6.4.
- 4 6" DIA PVC STUB THROUGH CEILING. SEE DETAIL 18/A6.4.
- 5 HOOD.
- 6 FOR ROUGH FRAMING OPENINGS SEE AIR DEVICE SCHED. (TYP. AT RESTROOMS).
- 7 DRIVE THRU CANOPY.
- 8 ROOF HATCH. SEE 7/A6.0.
- 9 MENU BOARD. SEE SCOPE OF WORK.
- 10 MENU BOARD BULKHEAD - BOTTOM OF SOFFIT AT 7'-0" A.F.F. / SEE DETAIL 1/A6.4.
- 11 PRE-FABRICATED & PRE-FINISHED SOFFIT BY 3RD PARTY VENDOR. PROVIDE CLG. TILES ABOVE SOFFIT. (D-549) (OPTIONAL)
- 12 SPEAKER, CENTER IN CEILING TILE PANEL.
- 13 PENDANT LTG - CENTER OVER TABLE TOP (TYP.). COORDINATE WITH DECOR FIELD INSTALLATION.
- 14 EXTERIOR WALL LIGHT FIXTURES. SEE ELEVATIONS AND ELEC. DWGS.
- 15 UTILITY CHASE BY 3RD PARTY VENDOR TO CEILING.
- 16 EMERGENCY DUAL HEAD FIXTURE. SEE ELEC. DWGS.

- 17 SECURITY STROBE LIGHT, REFER TO ELEC. DWGS.
- 18 FAN COIL FOR WALK-IN.
- 19 6" x 8" 18 GA. STAINLESS STEEL CHASE ALONG WALL FOR ICE MACHINE REFRIGERANT LINES: 6" ABOVE CEILING TO TOP OF ICE MACHINE.
- 20 ALERT LIGHT BOX FOR 3-COMP POWER SOAK MOUNTED AT C.L. OF BOX 7'-11" AFF
- 21 WALK-IN COOLER/FREEZER CEILING LIGHT WITH PROTECTIVE GLOBES BY VENDOR.
- 22 ALIGN BOTTOM OF LIGHT FIXTURE MOUNTING PLATE WITH EIFS REVEL / CHANGE IN EIFS THICKNESS.
- 23 DECORATIVE SLAT WALL BY VENDOR. SEE BUILDING ELEVATIONS.
- 24 3 ROWS OF LED LIGHTS BEHIND SLAT WALL. SEE BUILDING SECTIONS.
- 25 ALUMINUM VALANCE. SEE SCOPE OF WORK.
- 26 STAINLESS STEEL SYRUP CHASE ON WALL. SEE DETAIL 19/A6.4.
- 27 WATER INLET CHASE FOR CHEESE MELTER SCREWED TO HEATED AIR SCREEN

NOT USED 1/4"=1'-0" **F**

CEILING SYMBOL LEGEND **E**

REFLECTED CEILING PLAN NOTES **D**

KEY NOTES **B**

1300 HOLTON LANE
TAKOMA PARK, MD 20912



REFLECTED CEILING PLAN

A7.1

PLOT DATE: 1-04-16

FLOORING			WALL FINISHES			LAMINATES			CEILINGS			
SYM	DESCRIPTION	ALTERNATE / NOTE	SYM	DESCRIPTION	ALTERNATE / NOTES.	SYM	DESCRIPTION	ALTERNATE / NOTE	SYM	DESCRIPTION	ALTERNATE / NOTE	
T-1	MFR.: CREATIVE MATERIALS CORP TYPE: CMC #338 DURAQUARRY NON-ABRASIVE COLOR: RED SIZE: 6"x6" GROUT: CMC #H141 FLASH WALNUT EPOXY	MFR.: DAL TILE TYPE: QJARRY #0Q40 NON ABRASIVE COLOR: RED BLAZE SIZE: 6"x6" GROUT: CUSTOM #95 SABLE BROWN EPOXY	P-1	MFR.: SHERWIN WILLIAMS TYPE: SATIN / EGGSHELL LATEX COLOR: SW7069 IRON ORE (DK. GREY) PRIMER: #023 (WHITE) FRESH START 100% ACRYLIC (PAINT FOR CL-1)		WC-4	MFR.: FORBO TYPE: MARMOLEUM COLOR: 3141 HIMALAYA	ANODIZED CORNER GUARDS AND J-MOLDS BY NATIONAL METAL SHAPES (DARK BRONZE), INTERMEDIATE VERTICAL TRIM BY DECOR VENDORS PAINTED SAME COLOR AS WALL PANEL.	CL-1	MFR.: CERTAINTED TYPE: W/ULOOK #1140, WASHABLE NON-PERFORATED, 24"x48"x12" COLOR: WHITE GRID: WHITE SUSPENSION GRID W/ ALUMINUM FACE NOTE: FLAME SPREAD RATING 0-25, CLASS A	MFR.: US GYPSUM CO. TYPE: CLIMAPLUS LAY-IN CEILING PANEL COLOR: FLAT WHITE #050, VINYL 3270 NOTE: 24"x48" SEE SPECIFICATIONS	
T-2	MFR.: CREATIVE MATERIALS CORP. TYPE: PORCELAIN TILE ANTIQUE COLOR: SUNSET SIZE: 18"x18" OR 12"x12" GROUT: CMC #H141 FLASH WALNUT	MFR.: DAL TILE TYPE: TERRA ANTICA CERAMIC TILE COLOR: ROSSO TA02 SIZE: 18"x18" OR 12"x12" GROUT: CUSTOM #95 SABLE BROWN	P-2	MFR.: SHERWIN WILLIAMS TYPE: SATIN / EGGSHELL LATEX COLOR: SW6657 "AMBER WAVE" PRIMER: #023 (WHITE) FRESH START 100% ACRYLIC (ORANGE)	P-2	MFR.: SHERWIN WILLIAMS TYPE: SEMI-GLOSS LATEX COLOR: SW6657 "AMBER WAVE" RESTROOMS NOTE: HIGH-GLOSS DOOR FRAMES	WC-5	MFR.: FORBO TYPE: MARMOLEUM COLOR: 173 PAVING	ANODIZED CORNER GUARDS AND J-MOLDS BY NATIONAL METAL SHAPES (DARK BRONZE), INTERMEDIATE VERTICAL TRIM BY DECOR VENDORS PAINTED SAME COLOR AS WALL PANEL.	CL-2	MFR.: GYPSUM BOARD	
			P-3	MFR.: SHERWIN WILLIAMS TYPE: SATIN / EGGSHELL LATEX COLOR: SW6510 "LOYAL BLUE" PRIMER: #023 (WHITE) FRESH START 100% ACRYLIC (BLUE)		FRP-1	MFR.: MARLITE TYPE: FIBERGLASS REINFORCED PANEL COLOR: FP-100 WHITE (PEBBLED FINISH) NOTE: NO COLOR VARIATIONS ACCEPTED		CL-3	MFR.: USG SUSPENDED CEILING TILE TYPE: 414, FROST, 24x24x1/2" COLOR: FLAT BLACK #205 GRID: ARMSTRONG PRELUDE XL 15/16" EXPOSED TEE COLOR: PRE-PAINTED BLACK	* GRID, VENTS, SPEAKERS TO BE FACTORY PAINTED WITH BLACK	
			P-5	MFR.: SHERWIN WILLIAMS TYPE: SATIN / EGGSHELL LATEX COLOR: SW 6839 "KIMONO VIOLET" PRIMER: #023 (WHITE) FRESH START 100% ACRYLIC								
			P-6	MFR.: SHERWIN WILLIAMS TYPE: SATIN / EGGSHELL LATEX COLOR: SW 6167 "GARDEN GATE" PRIMER: #023 (WHITE) FRESH START 100% ACRYLIC								
			P-8	MFR.: SHERWIN WILLIAMS TYPE: SATIN / EGGSHELL ENAMEL COLOR: SW6116 "TATAMI TAN" PRIMER: #023 (WHITE) FRESH START 100% ACRYLIC								
			P-9	MFR.: SHERWIN WILLIAMS TYPE: SATIN / EGGSHELL ENAMEL COLOR: SW6108 "LATTE" PRIMER: #023 (WHITE) FRESH START 100% ACRYLIC								
			S-1	MFR.: WILSONART TYPE: SOLID SURFACE COLOR: AVALANCHE MELANGE #9175ML								
			TM-1	MFR.: OLYMPIC PREMIUM WOOD STAIN TYPE: CHAIR RAIL COLOR: "AMERICAN CHERRY"	TM-1	MFR.: DALYS WOOD STAIN TYPE: CHAIR RAIL COLOR: DALYS #45 1 x 2 SOLID MAPLE						
			TM-2	MFR.: SCHLUTER TYPE: RONDEC R080AE 3/8" TILE EDGE TRIM COLOR: SATIN ANNOXIDIZED ALUMINUM								
			WT-1	MFR.: NOT USED								

WALL BASE			MILLWORK			DOORS				
SYM	DESCRIPTION	ALTERNATE / NOTE	SYM	DESCRIPTION	ALTERNATE / NOTE	SYM	DESCRIPTION	ALTERNATE / NOTE		
B-1	MFR.: CREATIVE MATERIALS CORP TYPE: DURAQUARRY #Q3585 COLOR: RED TO MATCH T-1 SIZE: 5' x 6' GROUT: CMC #H141 FLASH WALNUT	MFR.: AMERICAN CLEAN TYPE: QJARRY #Q01 COLOR: RED TO MATCH T-1 SIZE: 5' x 6' GROUT: #95 SABLE BROWN - NON EPOXY	WT-2	MFR.: CREATIVE MATERIALS CORP TYPE: PORCELAIN TILE COLOR: LINES GOLD SIZE: 12"x12" AT RESTROOMS GROUT: CMC #H163 LINEN NOTE: TILE TO BE INSTALLED WITH THE GRAIN HORIZONTAL	MFR.: DALTILE TYPE: 12"x24" FABRIQUE LINE COLOR: LINES GOLD SIZE: 12"x12" AT RESTROOMS GROUT: MAPEI #06 "HARVEST" NOTE: TILE TO BE INSTALLED WITH THE GRAIN HORIZONTAL	PL-1	MFR.: NEVAMAR TYPE: WM-8-350T COLOR: CARMEL SAGAWOOD	DL-1	MFR.: NEVAMAR TYPE: WM-8-350T COLOR: CARMEL SAGAWOOD	* DOOR EDGES SHALL BE FINISHED SIMILAR TO FACES
B-2	MFR.: CREATIVE MATERIALS CORP TYPE: PORCELAIN TILE ANTIQUE COLOR: SUNSET SIZE: 6"x12" COVED BASE GROUT: CMC #H141 FLASH WALNUT	MFR.: DAL TILE TYPE: TERRA ANTICA CERAMIC TILE COLOR: ROSSO TA-02 SIZE: 6"x12" COVED BASE GROUT: CUSTOM #95 SABLE BROWN	WT-4	MFR.: CREATIVE MATERIALS CORP TYPE: PORCELAIN TILE COLOR: LINES GOLD SIZE: 12"x24" AT DINING RM. GROUT: CMC #H163 LINEN NOTE: TILE TO BE INSTALLED WITH THE GRAIN HORIZONTAL	MFR.: DALTILE TYPE: 12"x24" FABRIQUE LINE COLOR: LINES GOLD SIZE: 12"x24" AT DINING RM. GROUT: MAPEI #06 "HARVEST" NOTE: TILE TO BE INSTALLED WITH THE GRAIN HORIZONTAL			DL-2	MFR.: BOBRICK TYPE: SIERRA SERIES 1090 COLOR: SC03 "TERRA COTTA" SOLID COLOR REINFORCED COMPOSITE	
			WT-5	MFR.: CREATIVE MATERIALS CORP TYPE: PORCELAIN TILE COLOR: LINES GOLD SIZE: 3"x12" BULLNOSE GROUT: CMC #H163 LINEN NOTE: TILE TO BE INSTALLED WITH THE GRAIN HORIZONTAL	MFR.: DALTILE TYPE: FABRIQUE LINE COLOR: SOLEIL LINEN P687 UNPOLISHED SIZE: 3"x12" SHAPE NUMBER P-43C9 GROUT: MAPEI #06 "HARVEST" NOTE: TILE TO BE INSTALLED WITH THE GRAIN HORIZONTAL			DL-3	MFR.: NEVAMAR TYPE: S702/7T COLOR: SMOKY WHITE * DOOR EDGES SHALL BE FINISHED SIMILAR TO FACES	ALTERNATE : FORMICA 933-58 MISSION WHITE

- INSTALL FRP ON KITCHEN SIDE OF SERVING COUNTER WALL.
- GALV STEEL WALL AND CEILING FINISHES BY WIC / WIF BOX MFR.
- REFER TO INTERIOR ELEVATIONS FOR LOCATIONS OF TILE AND FRP.
- FOR FINISH LOCATIONS REFER TO:
SHEETS A4.0 & A4.1 - EXTERIOR ELEVATIONS
SHEET A7.0 - FLOOR FINISH PLAN
SHEET A7.1 - REFLECTED CEILING PLAN
SHEETS A8.0 TO A8.3 - INTERIOR ELEVATIONS
- APPROVED PAINT MANUFACTURERS:
PORTER, BENJAMIN MOORE, SHERWIN WILLIAMS, ICI & PITTSBURGH PAINTS.
MATCH SPECIFIED SCHEDULE COLORS EXACTLY.
- ALL PAINTED GYPSUM BOARD SHALL HAVE A LIGHT ORANGE PEEL TEXTURE
- ALL MORTAR SHALL BE MIXED WITH WHITE SAND TO INSURE A COLOR CONSISTENT TO THE ORIGINAL DESIGN INTENT

MARLITE DAN EGBERS 330-343-6211 WWW.MARLITE.COM WILSONART INTERNATIONAL, INC. DAN CHICKVARRA 294-207-2130 CHICKV@WILSONART.COM	NATIONAL METAL SHAPES Russel Day 800-837-9559 TILE: CREATIVE MATERIALS CORP. PH: 800.207.2967 EXT BELL (2355) FAX: 518.452.9153 TACOBELLTILE@CREATIVEMATERIALSCORP.COM	DAVIS COLORS (Mortar Pigment) West: 800-356-4948 East: 800-638-4444
SHERWIN WILLIAMS BRAD HARRINGTON 216-341-5553 EXT. 115 CELL: 216-210-2723 BRAD.E.HARRINGTON@SHERWIN.COM	CROSSVILLE TILE MONICA FARLEY 714.591.7693 MFARLEY@CROSSVILLEINC.COM	ROCA TILE GROUP CHRISTINA DORDAS 708-910.2868 WWW.ROCATILEGROUP.COM CHRISTINA.DORDAS@US.ROCA.COM
FORBO DAVE BOLINGER 614-583-8504 CELL: 1-614-439-7343 FAX: 1-614-583-8504 DAVE.BOLINGER@FORBO.COM	DALTILE FRED DAVIS 502-423-5456 FRED.DAVIS@DALTILE.COM	

ROOM FINISH NOTES **D**

CONTACTS **C**

ROOM FINISH SCHEDULE LEGEND **A**



PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 10830, EXPIRATION DATE: 08/19/2016.



15025.000

- △ ADDRESS CHANGE
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DATE: JULY 15, 2015
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1300 HOLTON LANE
 TAKOMA PARK, MD 20912



FINISH SCHEDULE

A7.2

PLOT DATE: 1-04-16



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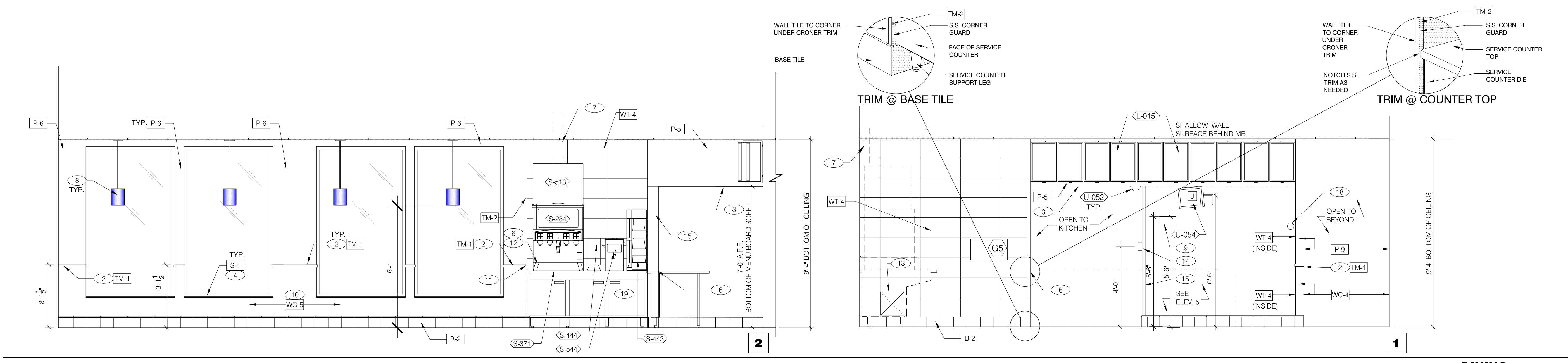
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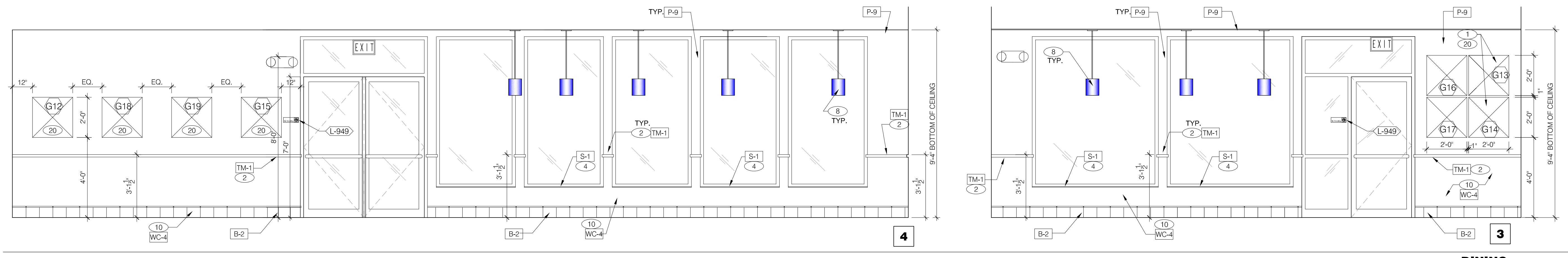
INTERIOR ELEVATIONS DINING ROOM

A8.0

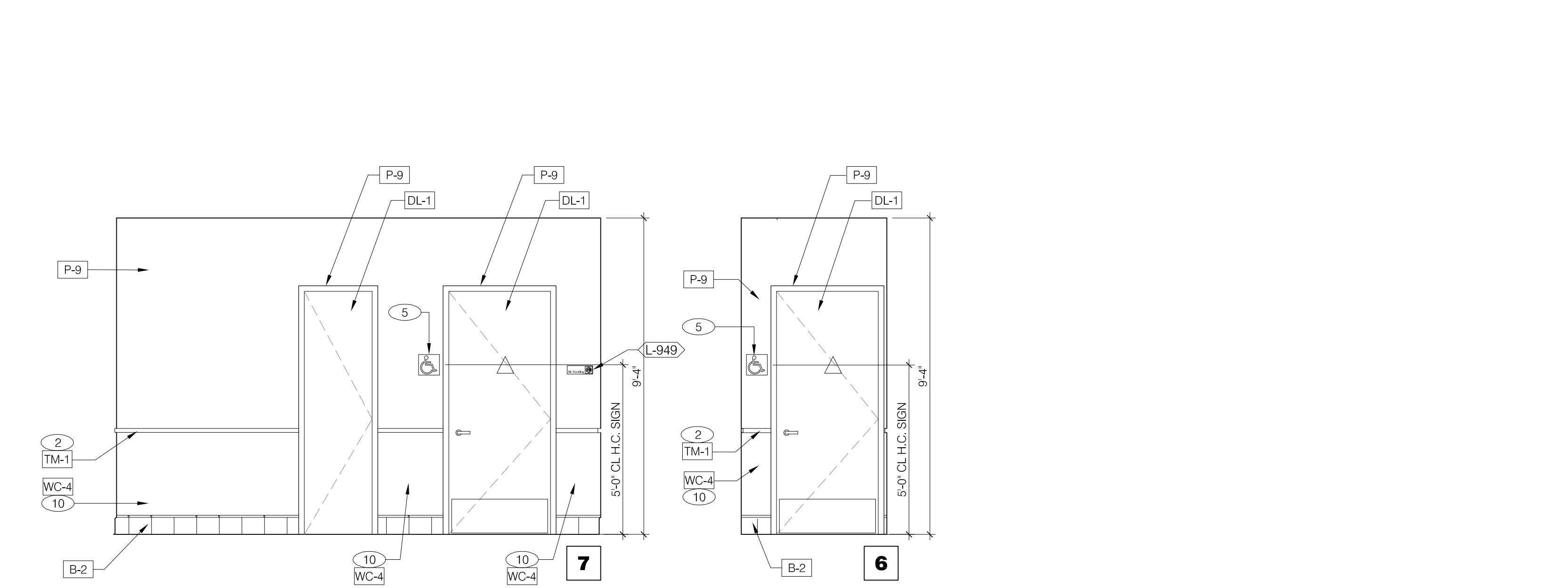
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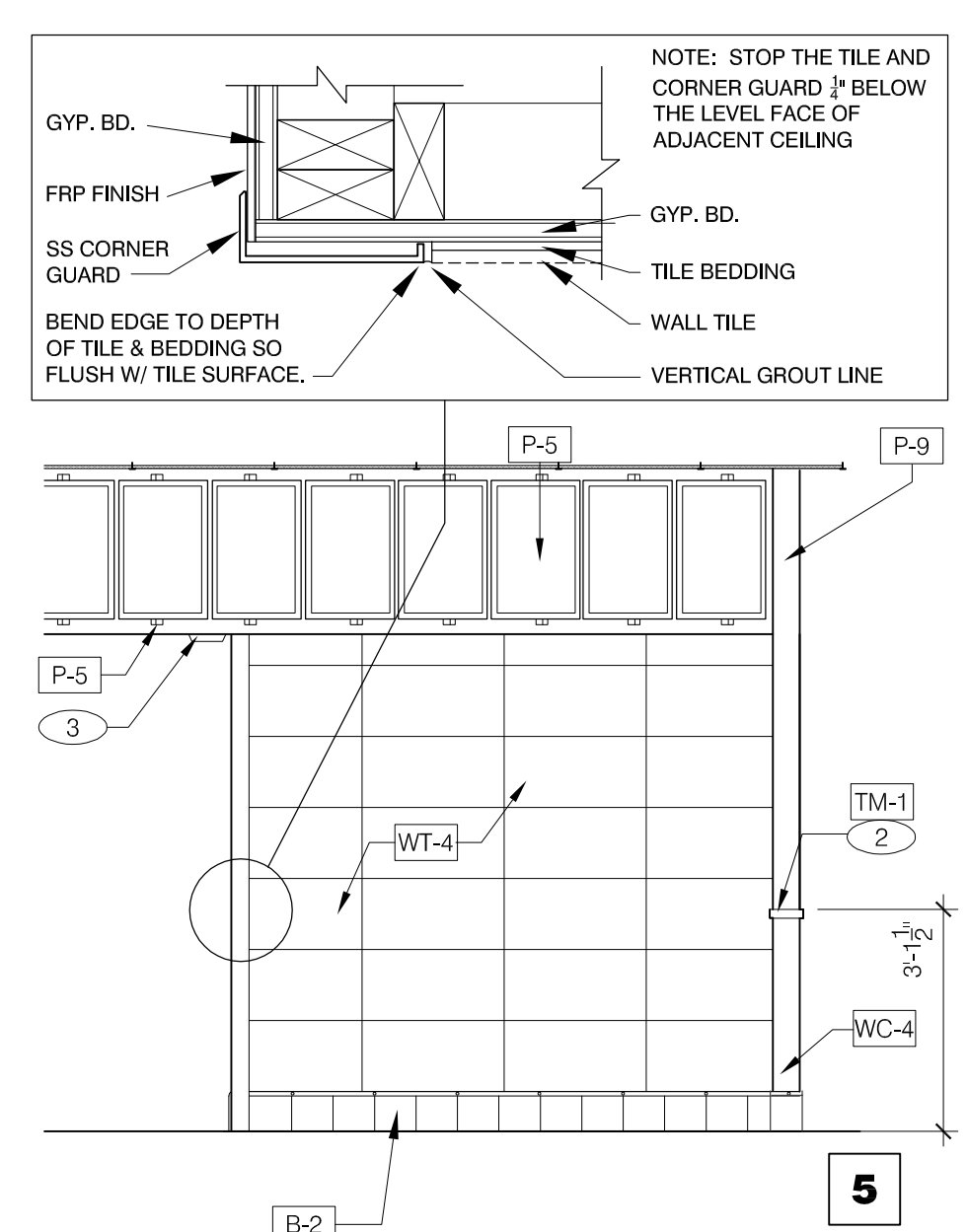
DINING 3/8"=1'-0"



DINING 3/8"=1'-0"



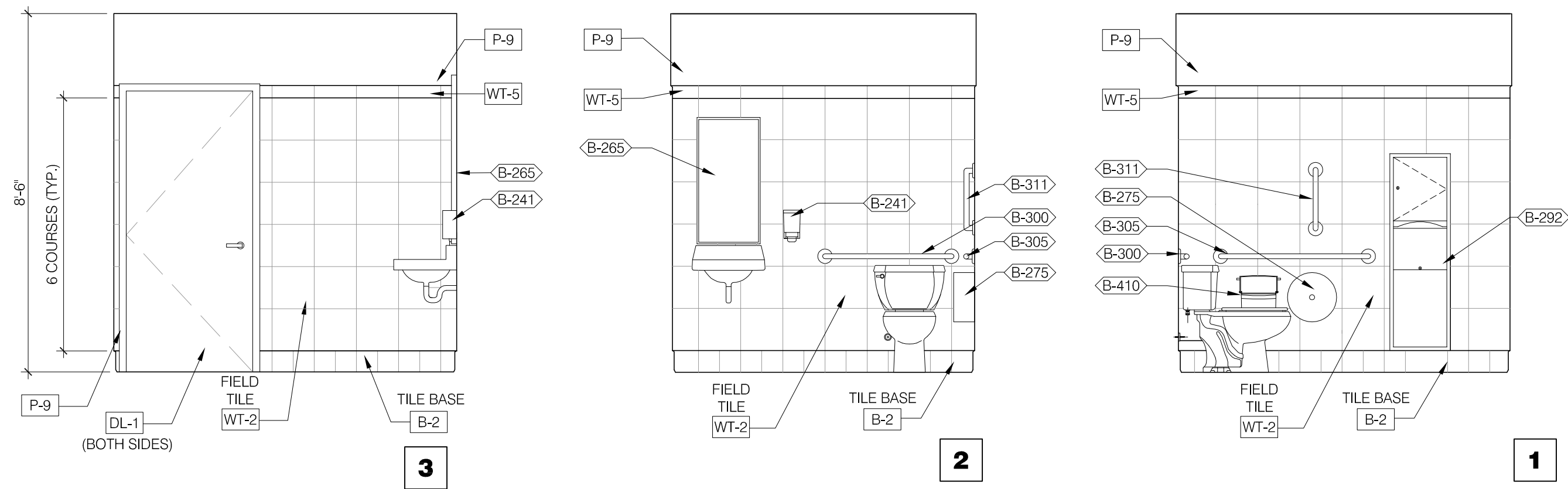
PASSAGE 3/8"=1'-0"



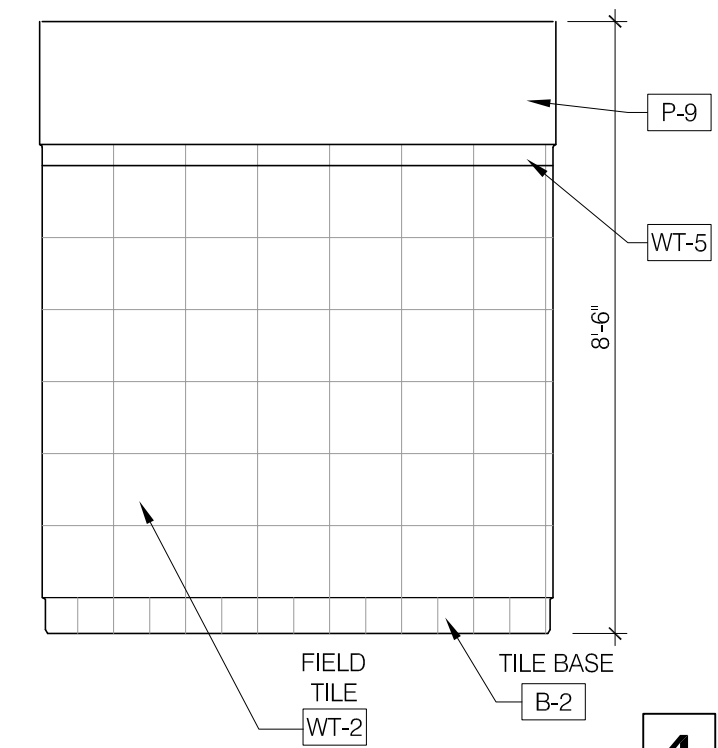
TILE BEHIND COUNTER 3/8"=1'-0"

- ① FOR ARTWORK DESCRIPTION, REFER TO ARTWORK SCHEDULE ON SHEET A2.0.
- ② CHAIR RAIL. REFER TO DETAIL 18/A6.3.
- ③ MENUBOARD BULKHEAD.
- ④ WINDOW SILL.
- ⑤ H.C. SIGNAGE
- ⑥ PROVIDE CLEAR SILICONE CAULK WHERE ALL FIXED AND BUILT-IN COUNTERS / EQUIPMENT ABUT WALL SURFACES. WHERE GAP BETWEEN WALL AND COUNTER SPLASH / EQUIPMENT EXCEEDS 1/4"; PROVIDE S.S. CLOSURE ANGLE.
- ⑦ 6" X 6" 18 GAUGE STAINLESS STEEL CHASE.
- ⑧ DROP PENDANT LIGHT FIXTURE. SEE SCOPE OF WORK AND SHEET E4.0.
- ⑨ "PLEASE ASK IF YOU NEED ASSISTANCE" SIGN. SMALLWARE PACKAGE.
- ⑩ REFER TO 13, 14 & 17/A6.3 FOR WAINSCOT INSTALLATION.
- ⑪ START CHAIR RAIL. SEE SHT. A1.0 FOR DIMENSIONS.
- ⑫ OMIT CHAIR RAIL BEHIND DRINK STATION.
- ⑬ OPENING FINISHED WITH FRP FOR SYRUP TUBES. SEE 11/A6.4 AND SHEET A1.0.
- ⑭ SECURITY SYSTEM KEYPAD, SEE E5.0.
- ⑮ SS CORNER/ END WALL CHANNEL GUARD, FULL HEIGHT. SEE 19/A6.3 & 5/A8.0.
- ⑯ NOT USED.
- ⑰ NOT USED.
- ⑱ TEMPERATURE SENSOR. SEE MECHANICAL DRAWINGS.
- ⑲ BOTTOM OF BEVERAGE AND ICE DISPENSING LEVERS SHALL BE NO HIGHER THAN 42" A.F.F.
- ⑳ 24"x24" ART PANELS.

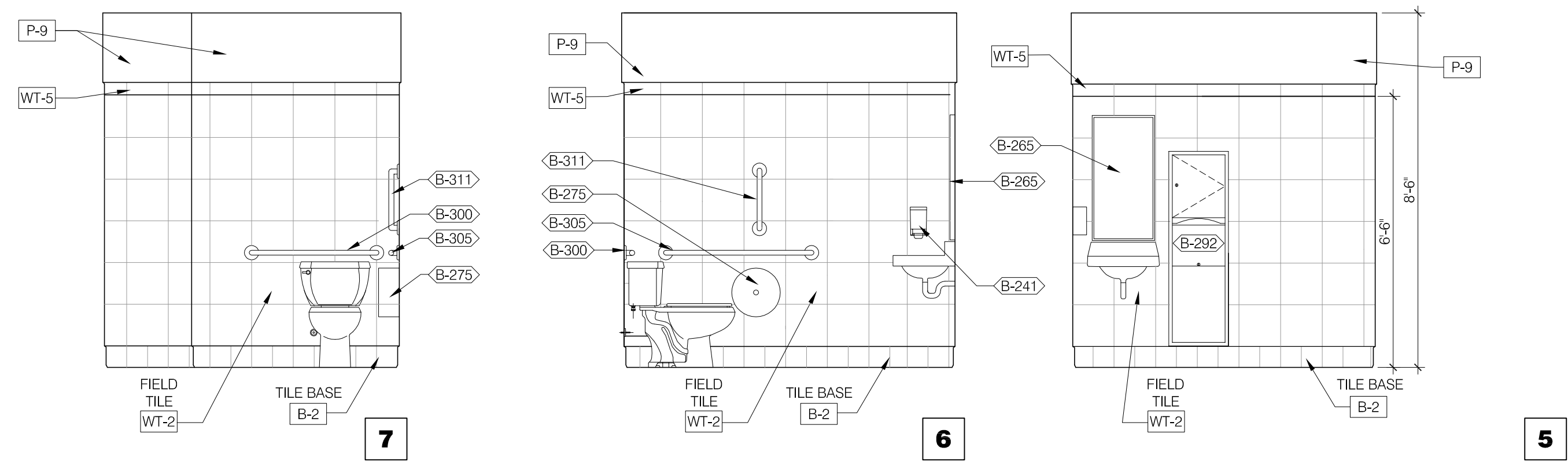
KEY NOTES A



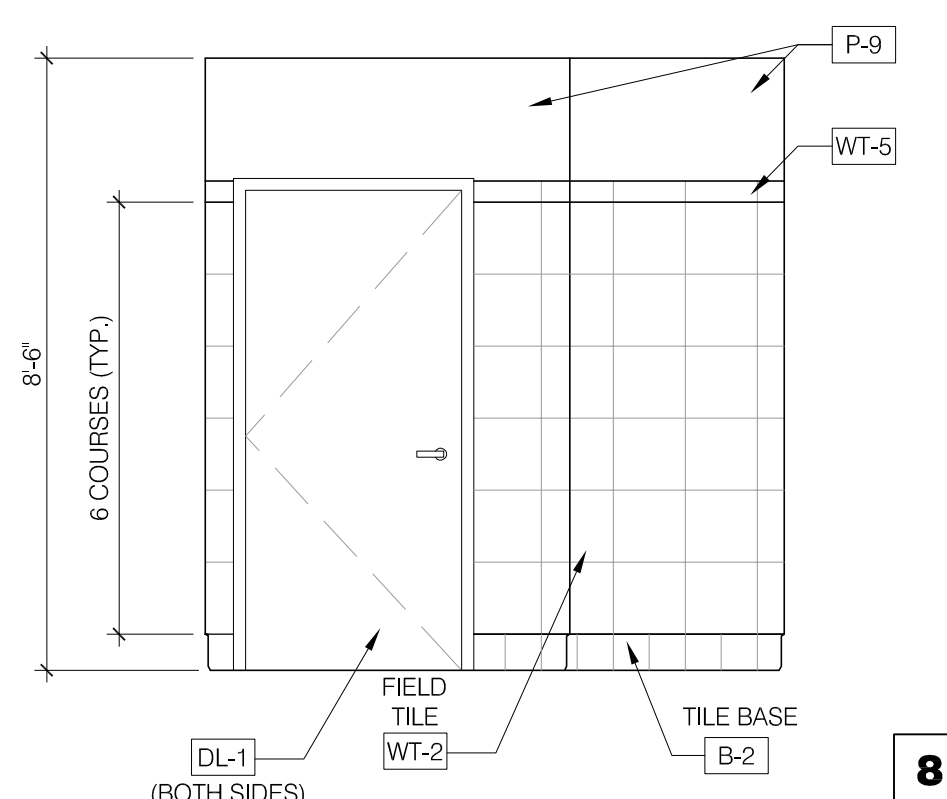
WOMEN'S RESTROOM 3/8"=1'-0"



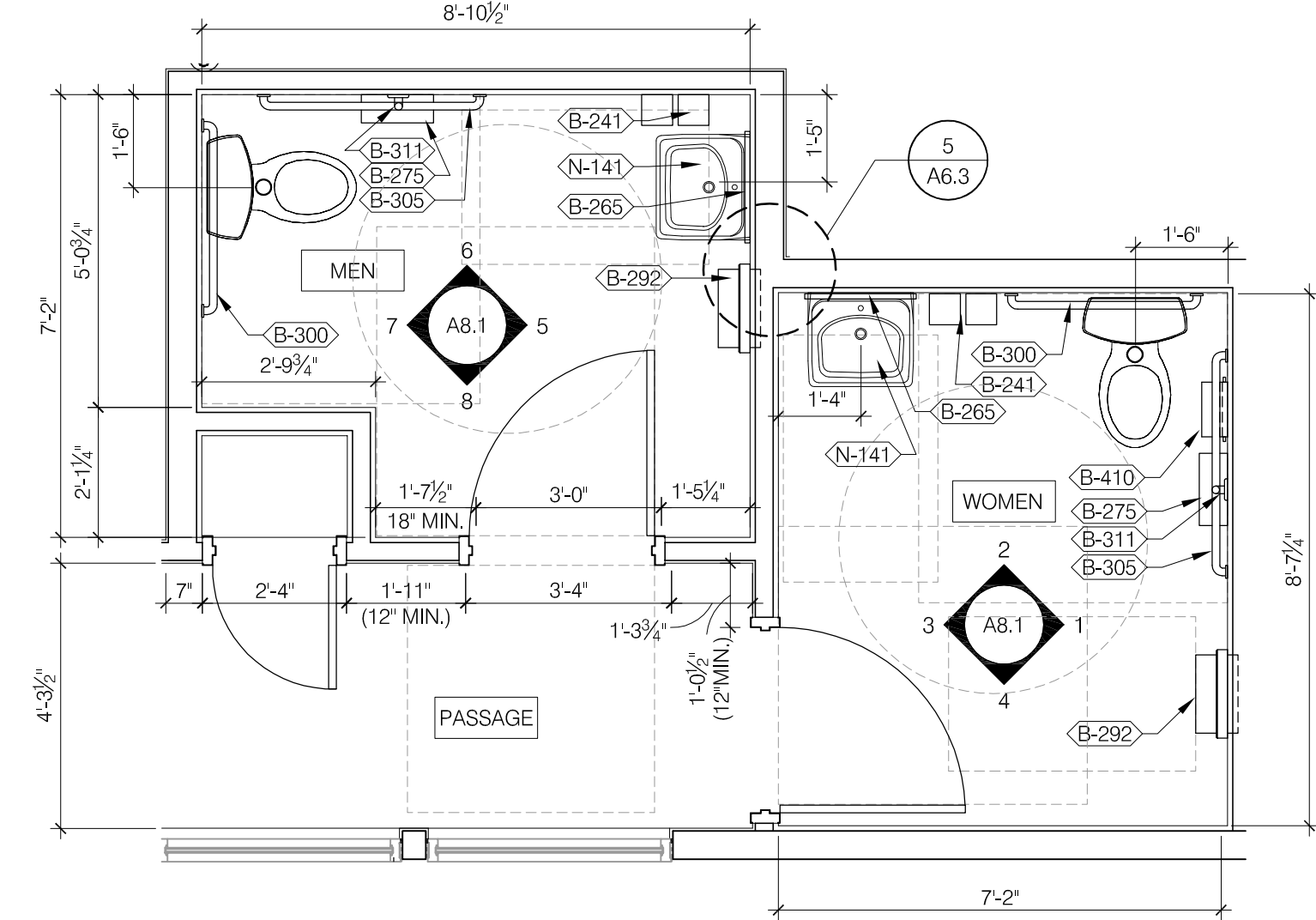
WOMEN'S RESTROOM 3/8"=1'-0"



MEN'S RESTROOM 3/8"=1'-0"

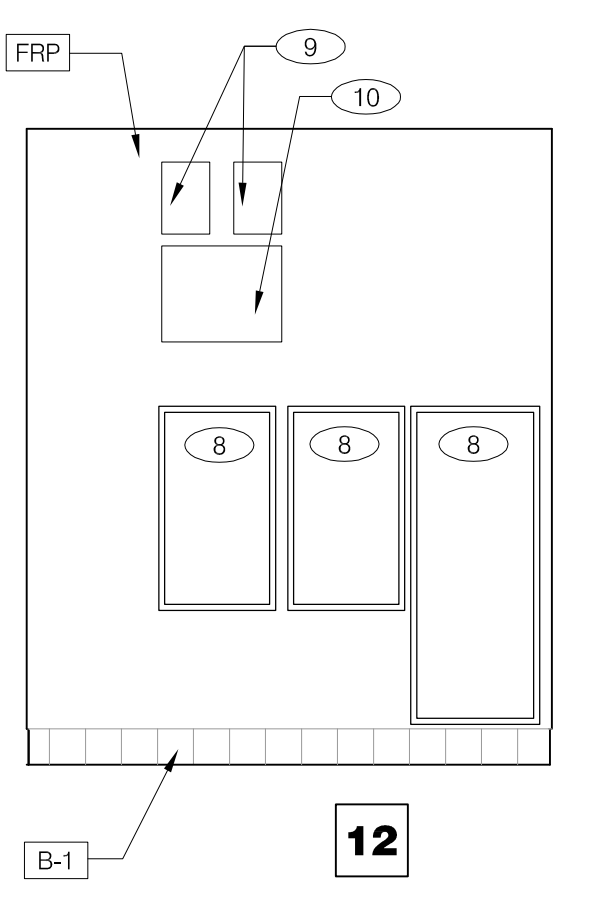
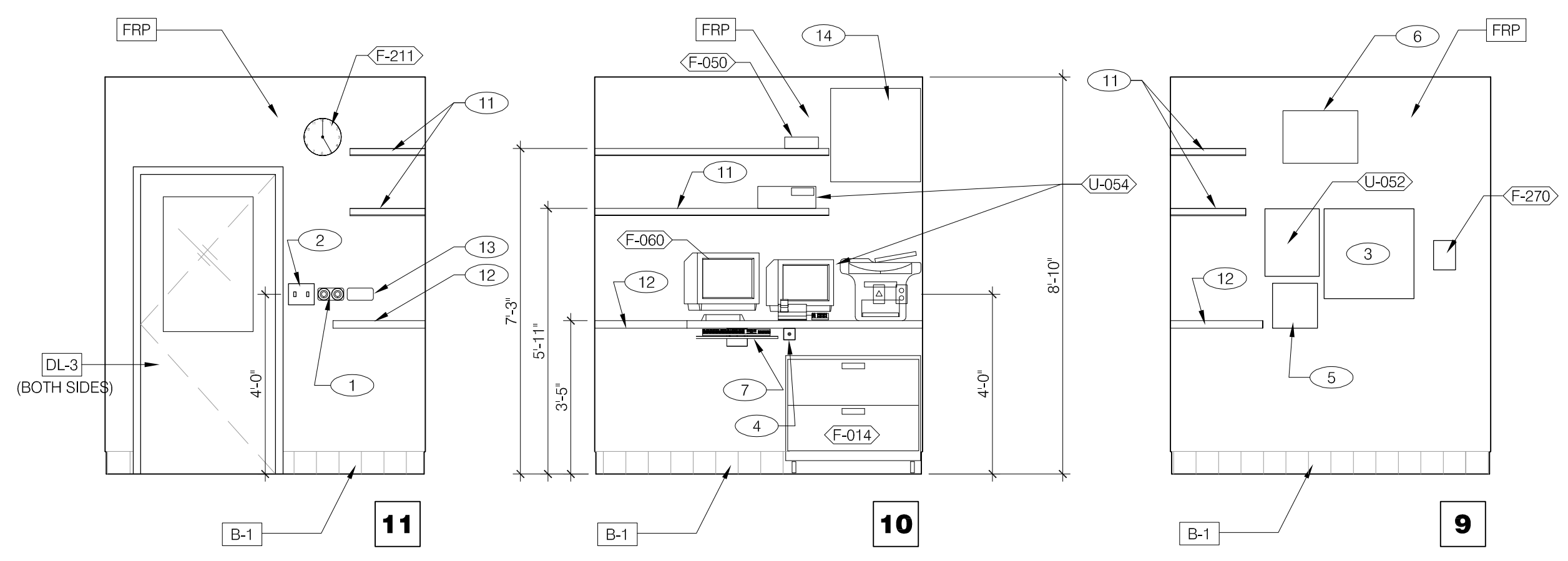
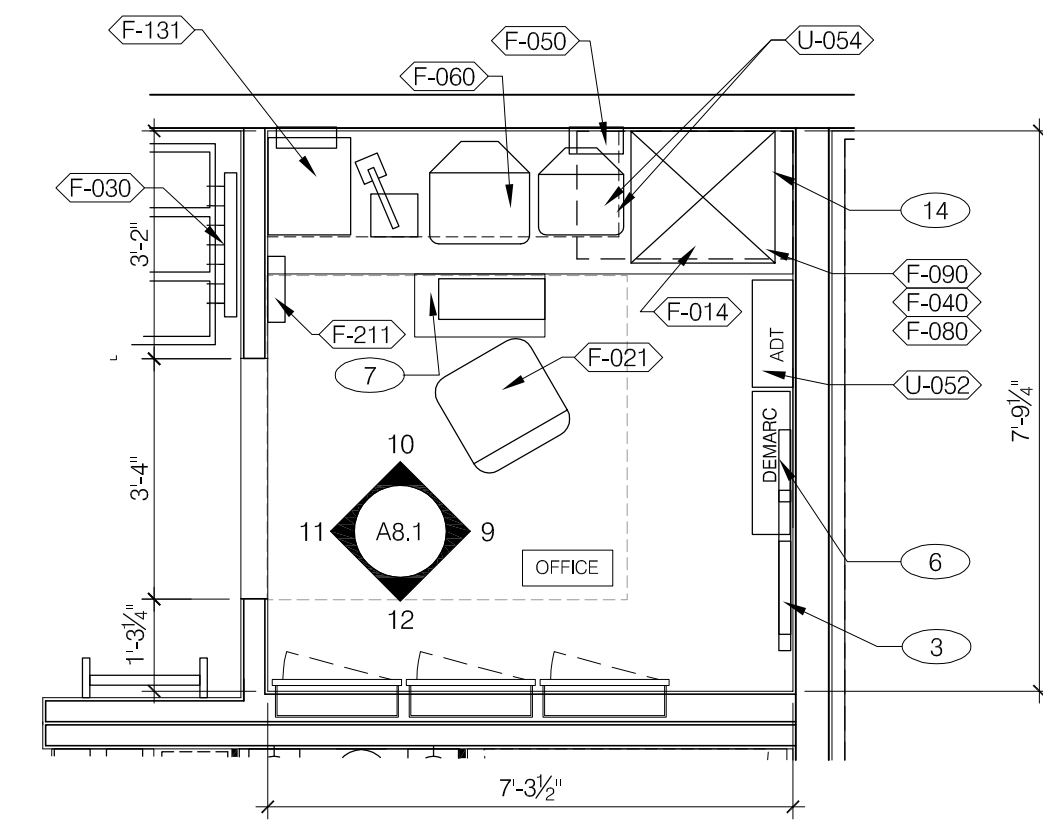


MEN'S RESTROOM 3/8"=1'-0"



1. PROVIDE PROPER 2x BLOCKING AT WALL RECESSED MOUNTED ACCESSORIES.
2. GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0.
3. REFER TO FLOOR PLAN NOTES FOR BLOCKING AND SUBSTRATE NOTES.
4. REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS AND CLEARANCES OF ACCESSORIES AND FIXTURES.
5. ALL DIMENSIONS THIS DRAWING ARE TO FINISH SURFACE.
6. FOR () DESCRIPTIONS, REFER TO ARTWORK SCHEDULE ON SHEET A2.0.
7. PROVIDE 1/4" MAX GAP AT ALL TOILET PARTITION JOINTS.

ENLARGED RESTROOM / GENERAL NOTES 3/8"=1'-0" **A**



- 1 THERMOSTATS
- 2 LIGHTING CONTROL RELAY SWITCHES. SEE DETAIL 3/E3.1
- 3 TELEPHONE TERMINAL BOARD
- 4 HOLD UP BUTTON
- 5 12" X 12" PHONE DISTRIBUTION BOX: OWNER PROVIDED & INSTALLED.
- 6 WIRING CABINET BY POS PROVIDER.
- 7 UNDER COUNTER KEYBOARD TRAY.
- 8 ELECTRIC PANELS.
- 9 LIGHTING CONTROL RELAYS (CONTACTORS).
- 10 EXTERIOR LIGHTING CONTROL PANEL.
- 11 SHELF BY G.C. - FINISH WITH PLASTIC LAMINATE DL-3.
- 12 COUNTER BY G.C. - FINISH WITH PLASTIC LAMINATE DL-3.
- 13 SMOKE DETECTOR WITH RESET SWITCH.
- 14 TECH-IN-A-BOX: REFER TO E3.1. G.C. TO PROVIDE BLOCKING WHERE REQUIRED.

OFFICE PLAN & ELEVATIONS / KEY NOTES 3/8"=1'-0" **B**



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 Fax: 316.265.5446
 www.glmv.com

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Symbol	Description
△	ADDRESS CHANGE
△	
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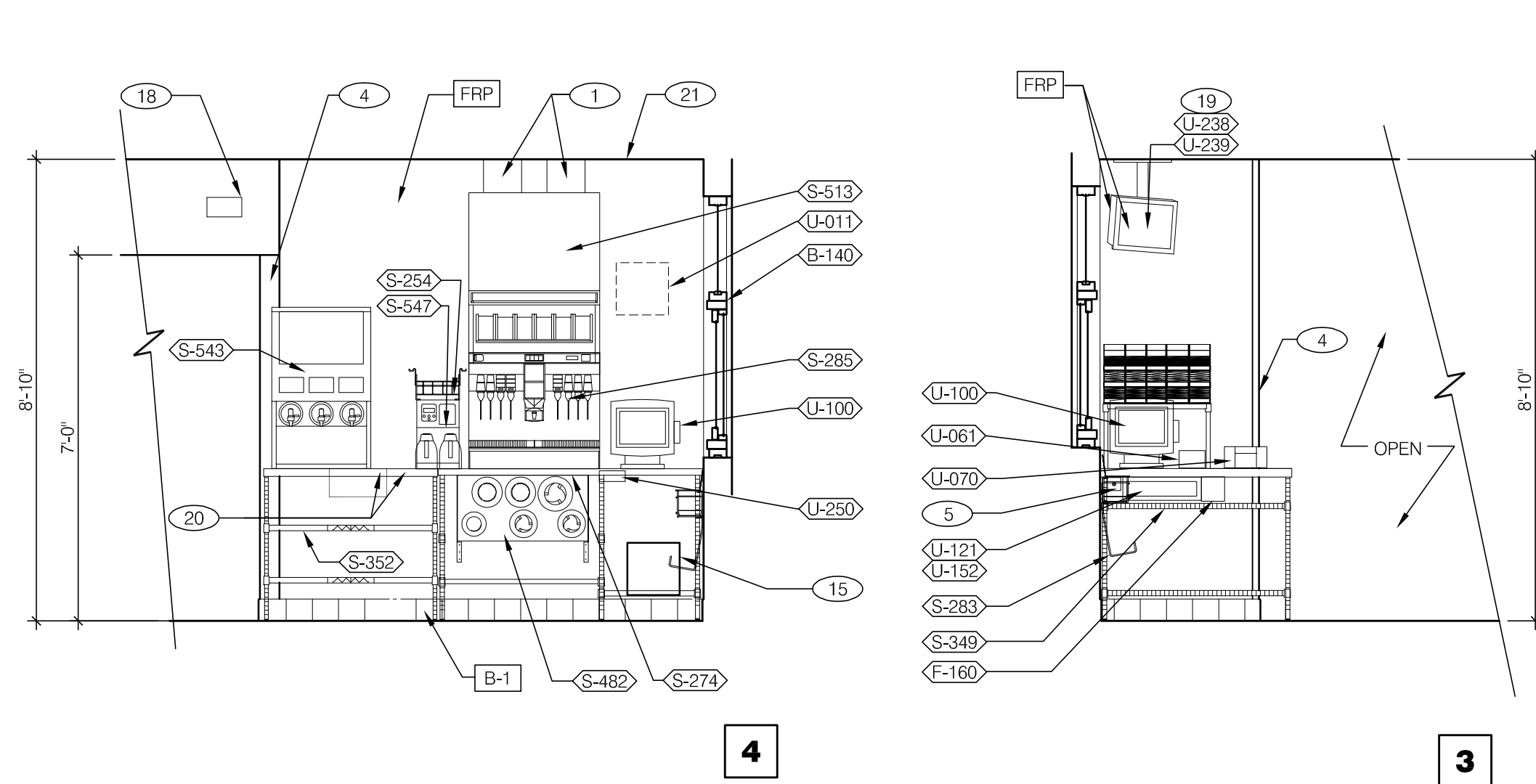
DATE: JULY 15, 2015
 BUILDING TYPE: MED-40-MOD
 PLAN VERSION: JUNE 2015
 SITE NUMBER: _____
 ENTITY NUMBER: _____

1300 HOLTON LANE
 TAKOMA PARK, MD 20912



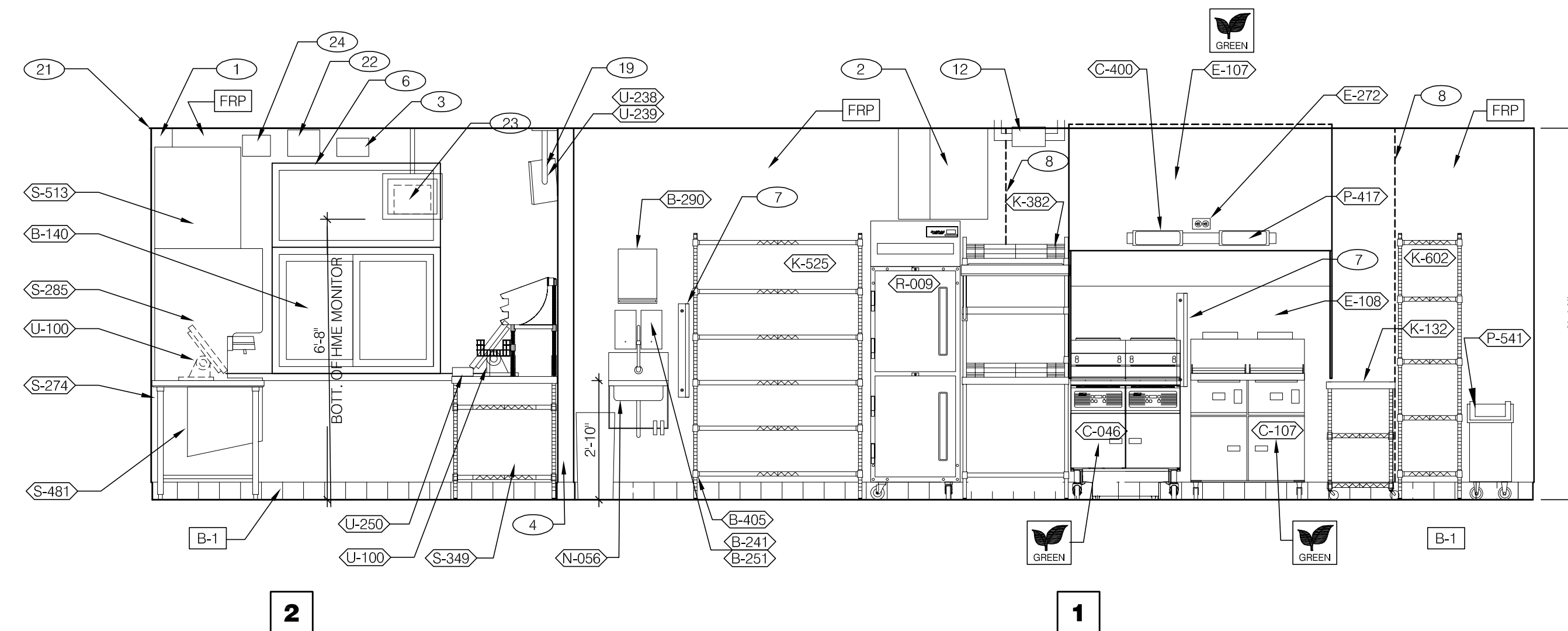
**INTERIOR ELEV.
 ENLARGED
 RESTROOMS &
 OFFICE PLAN**
A8.1

PLOT DATE: 1-04-16



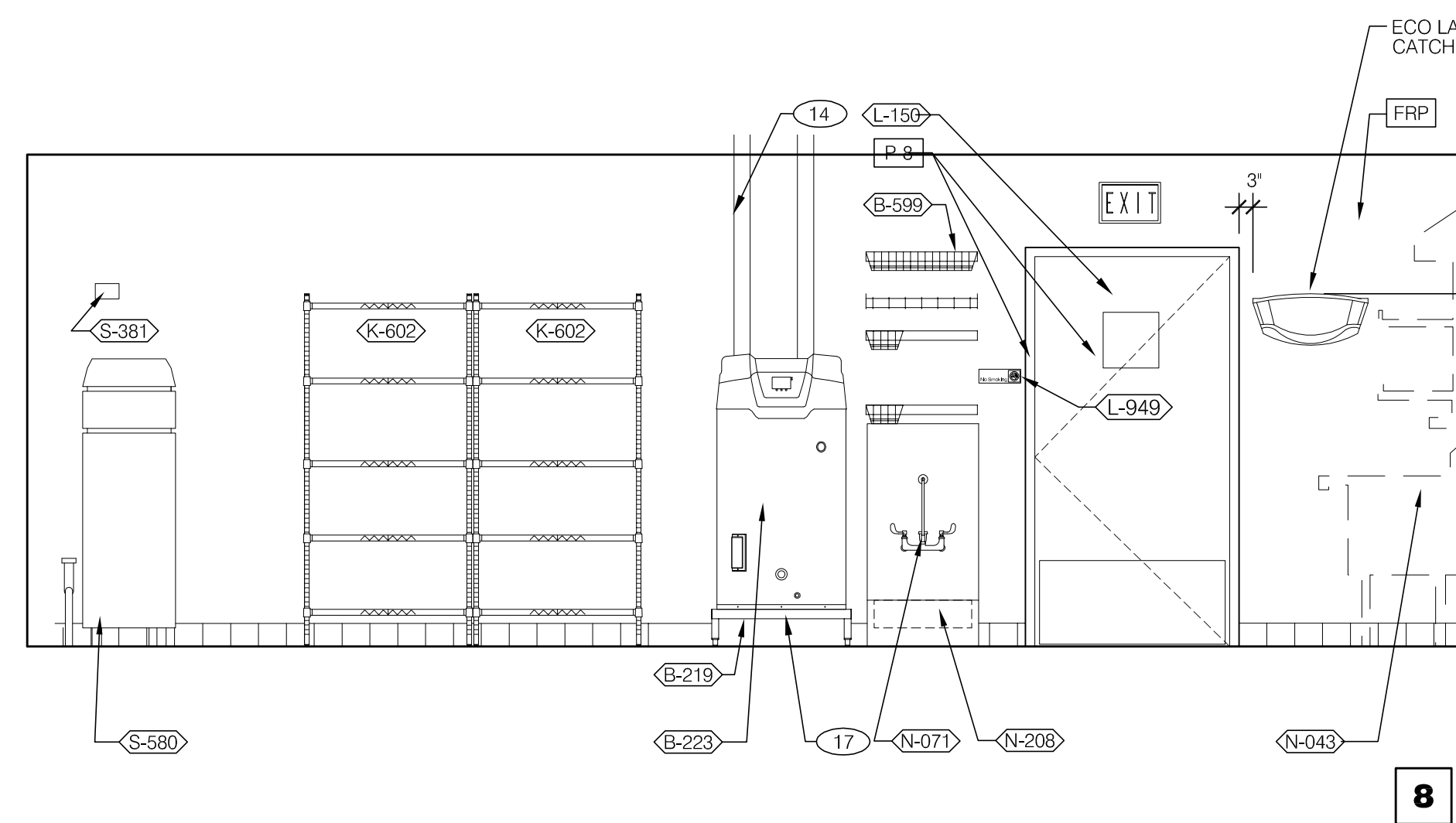
DRIVE-THRU 3/8" = 1'-0"

DRIVE-THRU 3/8" = 1'-0"

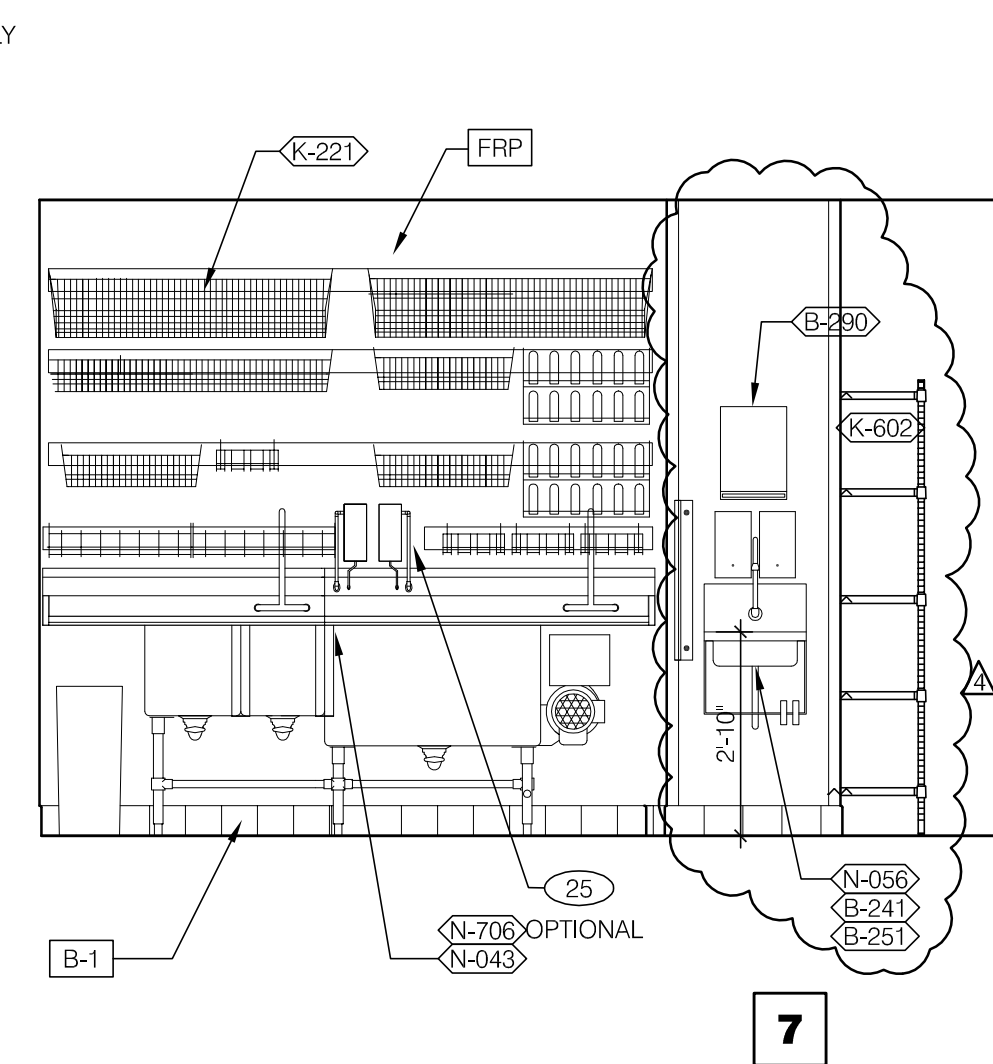


DRIVE-THRU 3/8" = 1'-0"

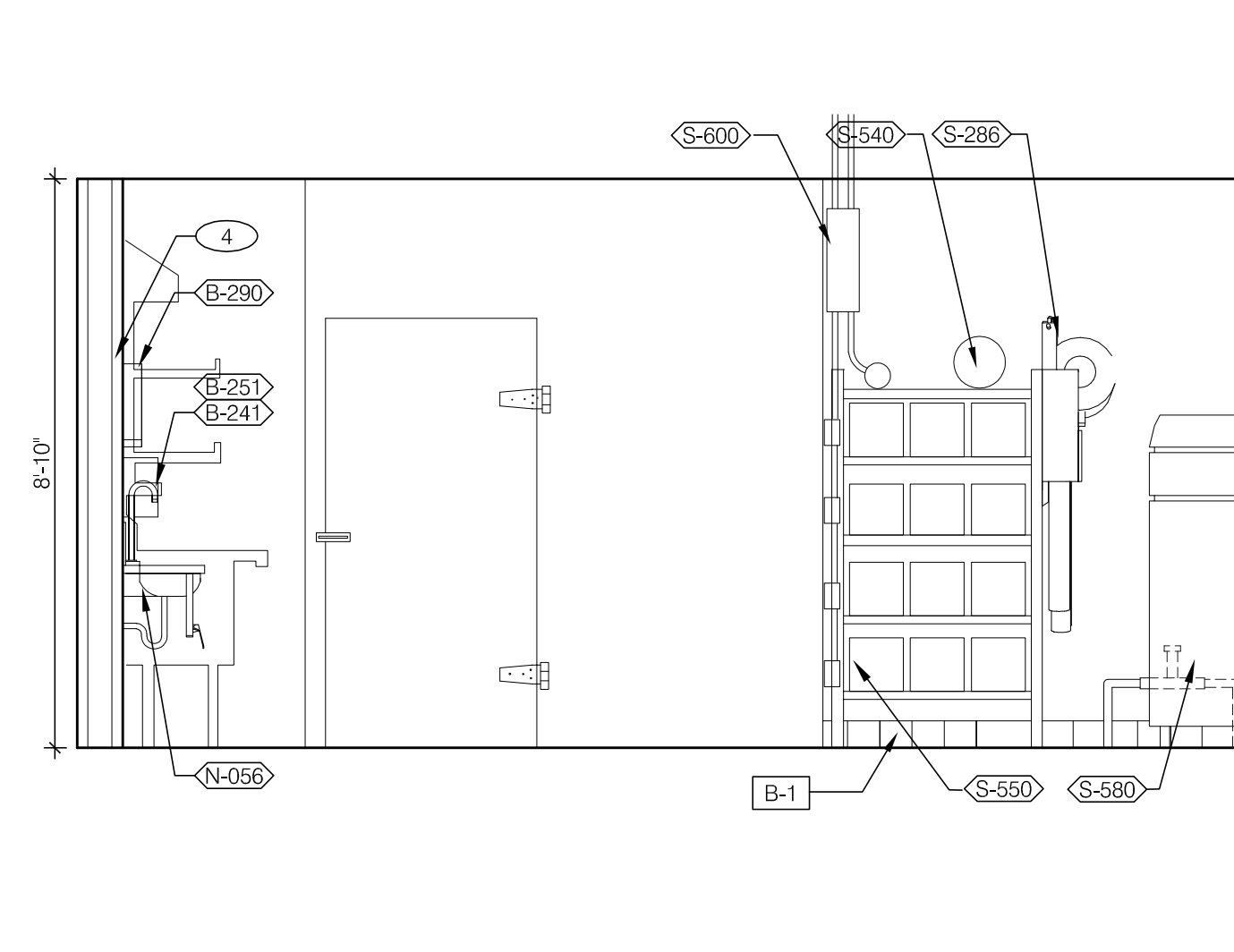
TB COOK 3/8" = 1'-0"



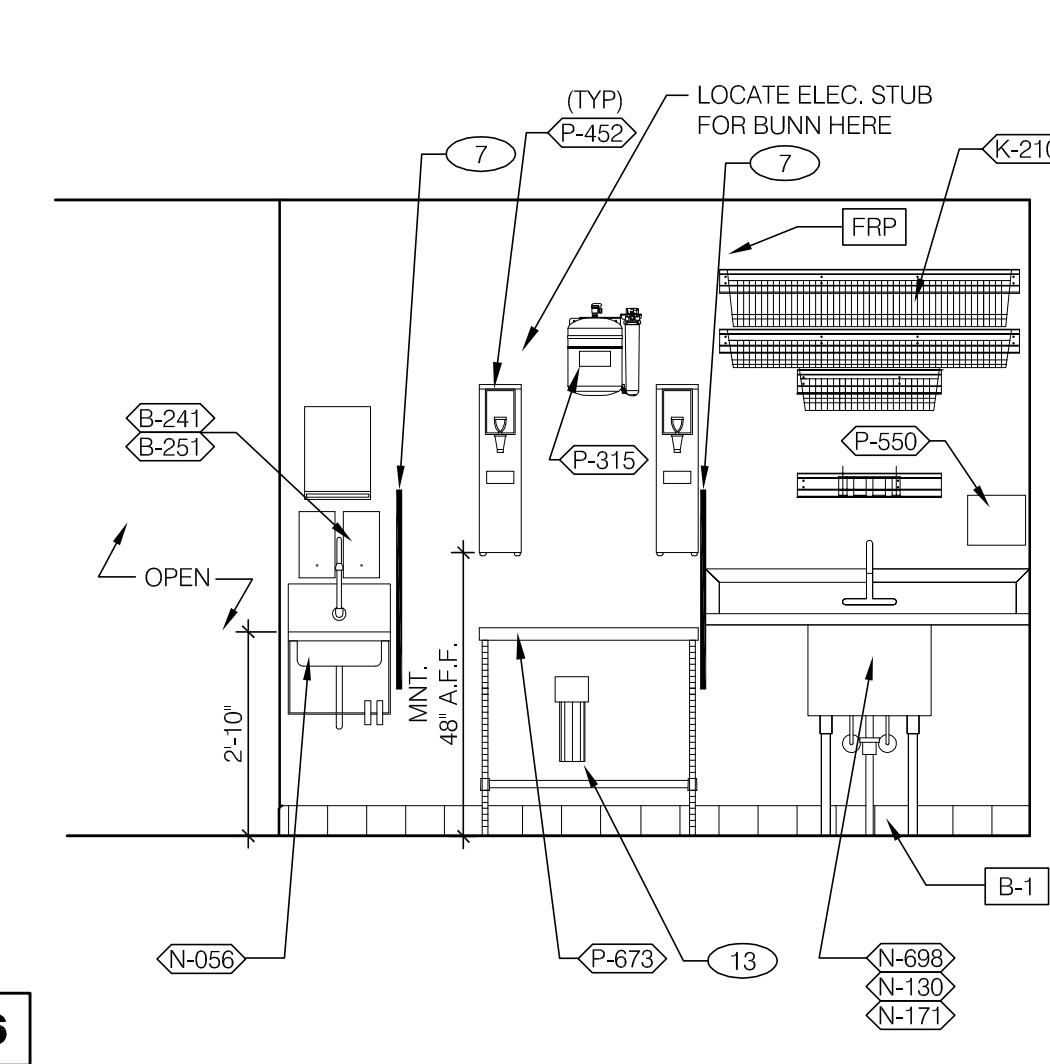
UTILITY 3/8" = 1'-0"



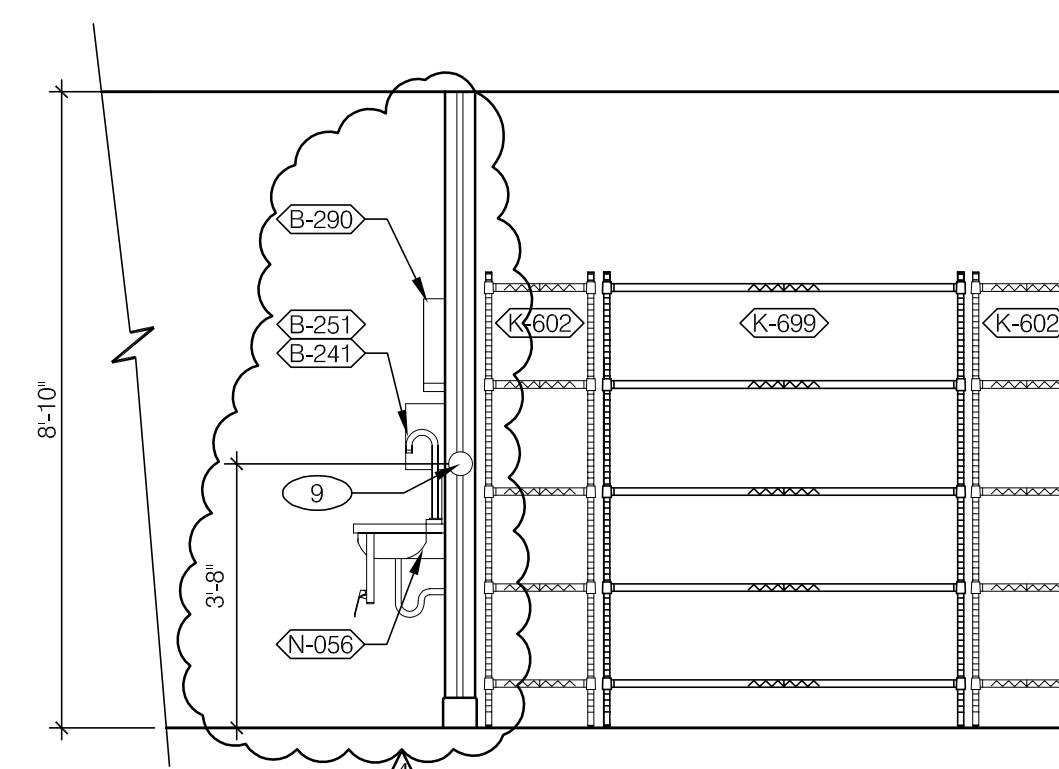
WARE WASHING 3/8" = 1'-0"



UTILITY 3/8" = 1'-0"



WARE WASHING 3/8" = 1'-0"



DRY STORAGE 3/8" = 1'-0"

- KEY NOTES**
- 1 STAINLESS STEEL CHASE FOR SYRUP LINES & ICE MACHINE REFRIGERANT LINES. SEE DETAIL 19/A6.4
 - 2 ANSUL CABINET.
 - 3 DRIVE-THRU TIMER DISPLAY UNIT.
 - 4 SS CORNER / END WALL CHANNEL GUARD, FULL HEIGHT. SEE DETAIL 19/A6.3.
 - 5 HOLD-UP BUTTON.
 - 6 SS CORNER GUARDS AT PERIMETER OF D/T WINDOW. SEE DETAILS 5 & 8/A6.1 AND SCOPE OF WORK FOR RESPONSIBILITIES.
 - 7 SPLASHGUARD. SEE DETAIL 9/A6.3.
 - 8 EDGE OF SS PANEL BEHIND HOOD.
 - 9 ANSUL PULL STATION.
 - 10 J-BOX AND OUTLET INCLUDED WITH HOOD. INSET WITH FLUSH WITH FACE OF HOOD.
 - 11 20 GA. STAINLESS STEEL PANEL BEHIND HOOD.
 - 12 GAS SHUT-OFF VALVE.
 - 13 FILTER FOR HOT WATER SYSTEM.
 - 14 WATER HEATER FLUE. SEE PLUMBING DRAWINGS.
 - 15 OPENING FINISHED WITH FRP FOR SYRUP TUBES. SEE DETAIL 11/A6.4.
 - 16 NOT USED
 - 17 6" HIGH WATER HEATER PLATFORM.
 - 18 ALERT LIGHT BOX FOR 3-COMP POWER SOAK.
 - 19 CEILING MOUNT MONITOR BRACKET. SEE DETAIL 2/A6.3.
 - 20 ADJACENT TABLE TOPS TO BE INSTALLED AT SAME LEVEL. ADJUST IN THE FIELD AS REQUIRED.
 - 21 RAISE INDICATED SECTION OF CEILING TO 8'-10". SEE SHEET A7.1.
 - 22 DT TIMER SIGNAL PROCESSOR.
 - 23 DT TIMER MONITOR AND CONTROL UNIT.
 - 24 DT TIMER ETHERNET SWITCH.
 - 25 CUT WALL-HANGING TRACK TO ALLOW SPACE FOR CLICK&CLEAN SYSTEM

KEY NOTES

A



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- △ ADDRESS CHANGE
- △ COUNTY COMMENTS 4/7/16
- △ HEALTH DEPT COMMENTS 6/24/16
- △
- △
- △
- △
- △

DATE: JULY 15, 2015
 BUILDING TYPE: MED-40-MOD
 PLAN VERSION: JUNE 2015
 SITE NUMBER: _____
 ENTITY NUMBER: _____

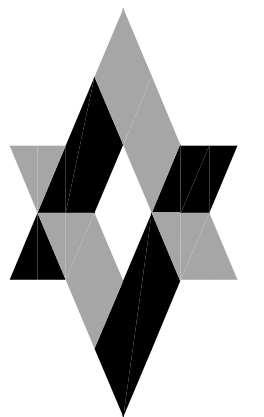
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INTERIOR ELEVATIONS KITCHEN

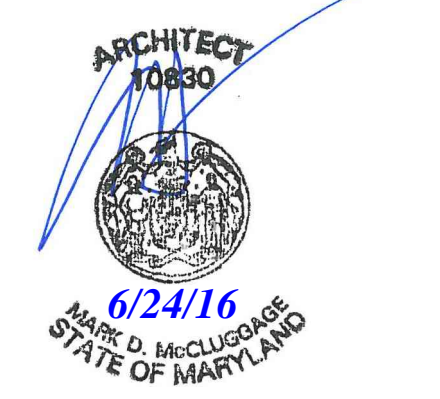
A8.2

PLOT DATE: 6-24-16



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- △
- △
- △
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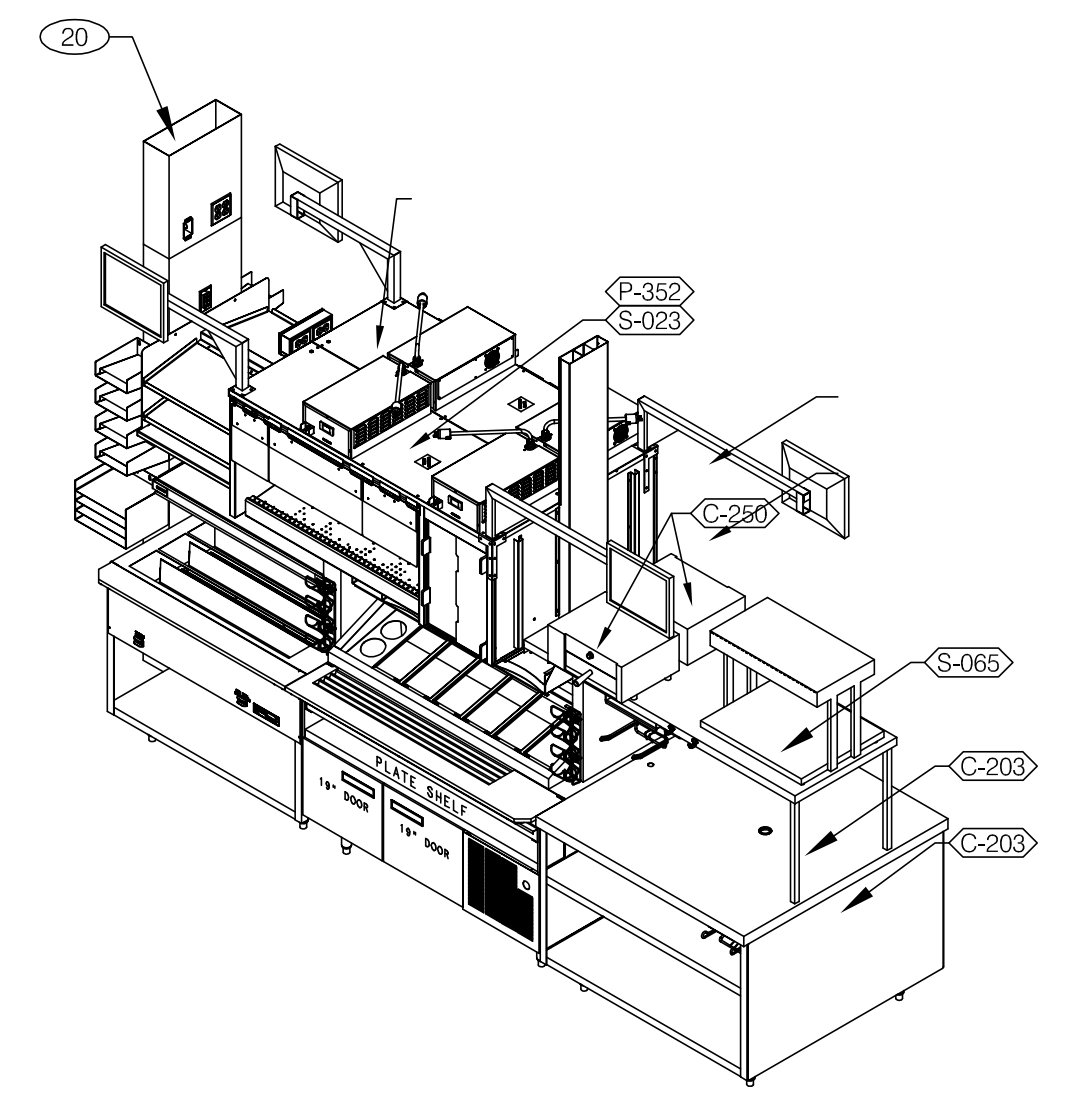
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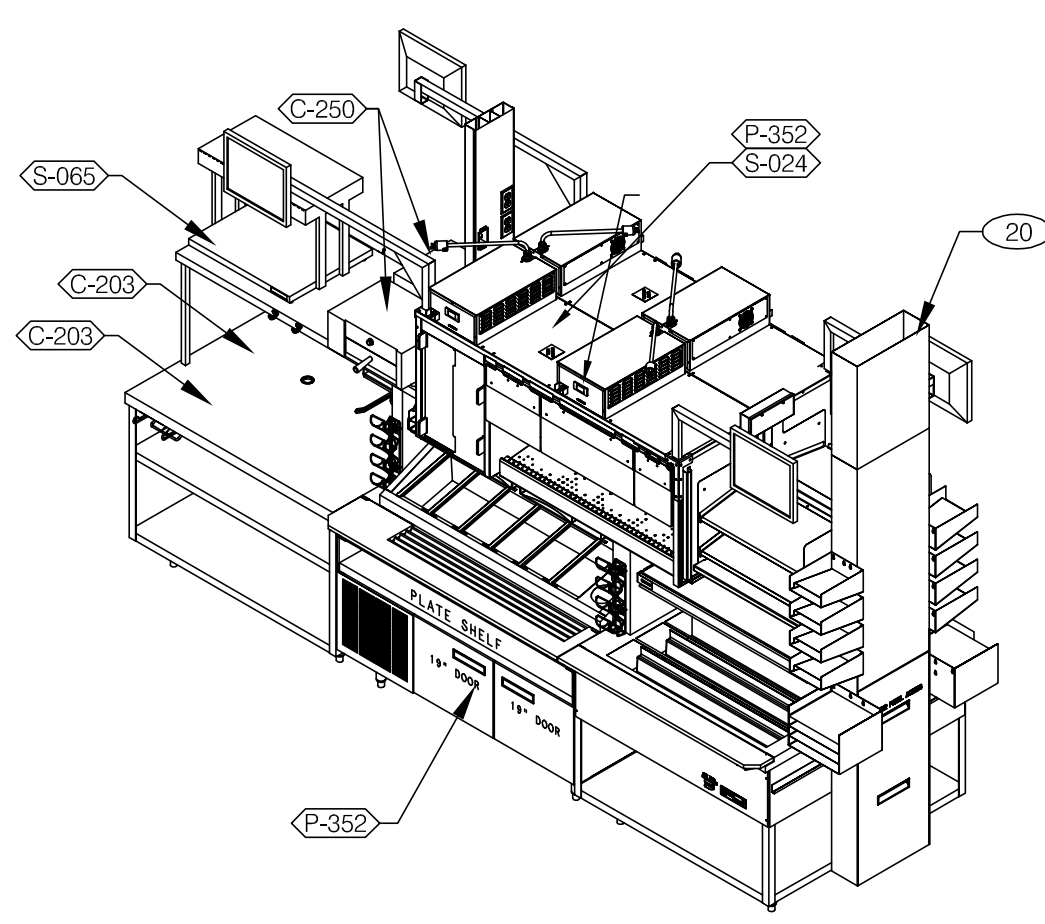
**INTERIOR
 ELEVATIONS
 KITCHEN**

A8.3

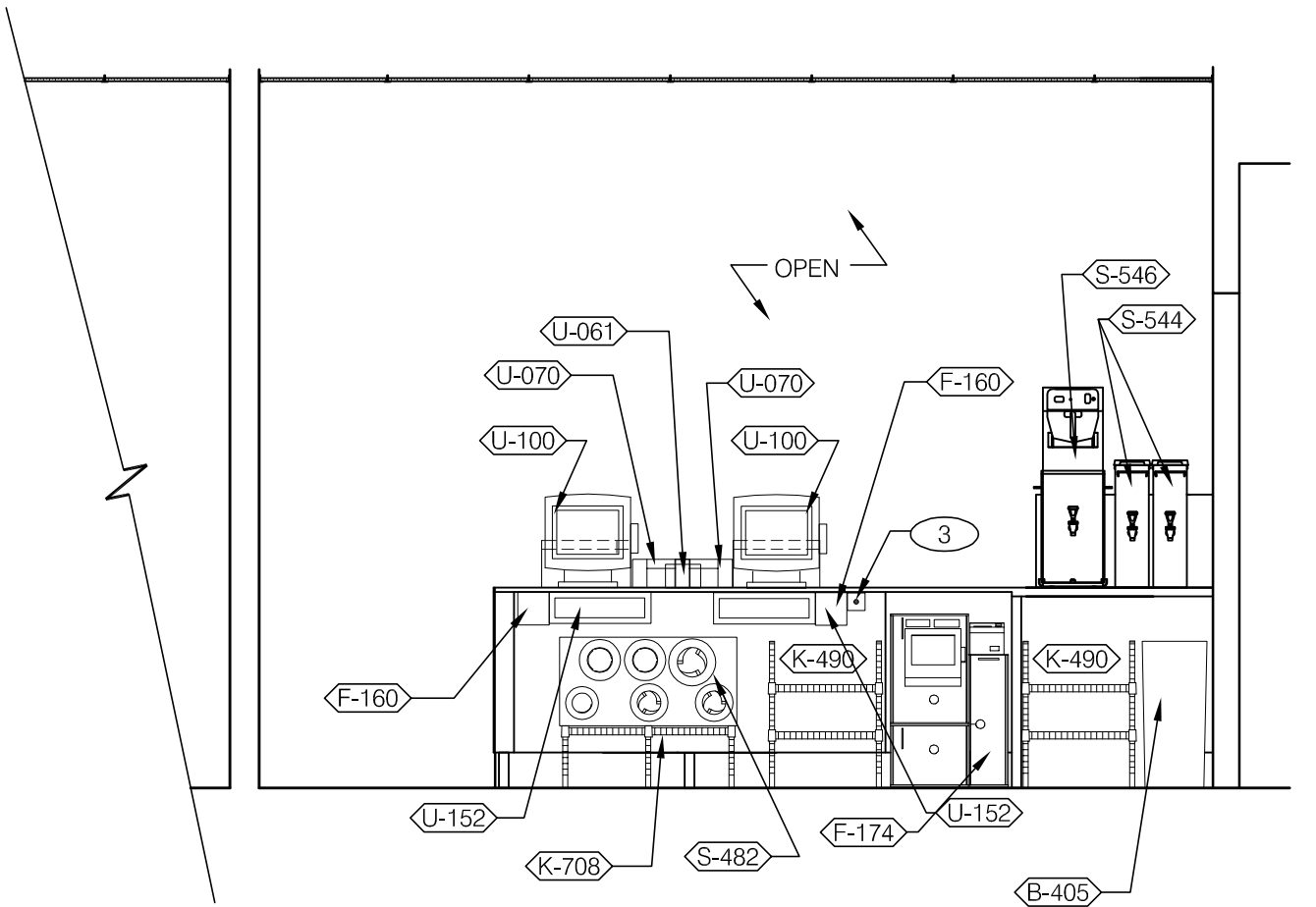
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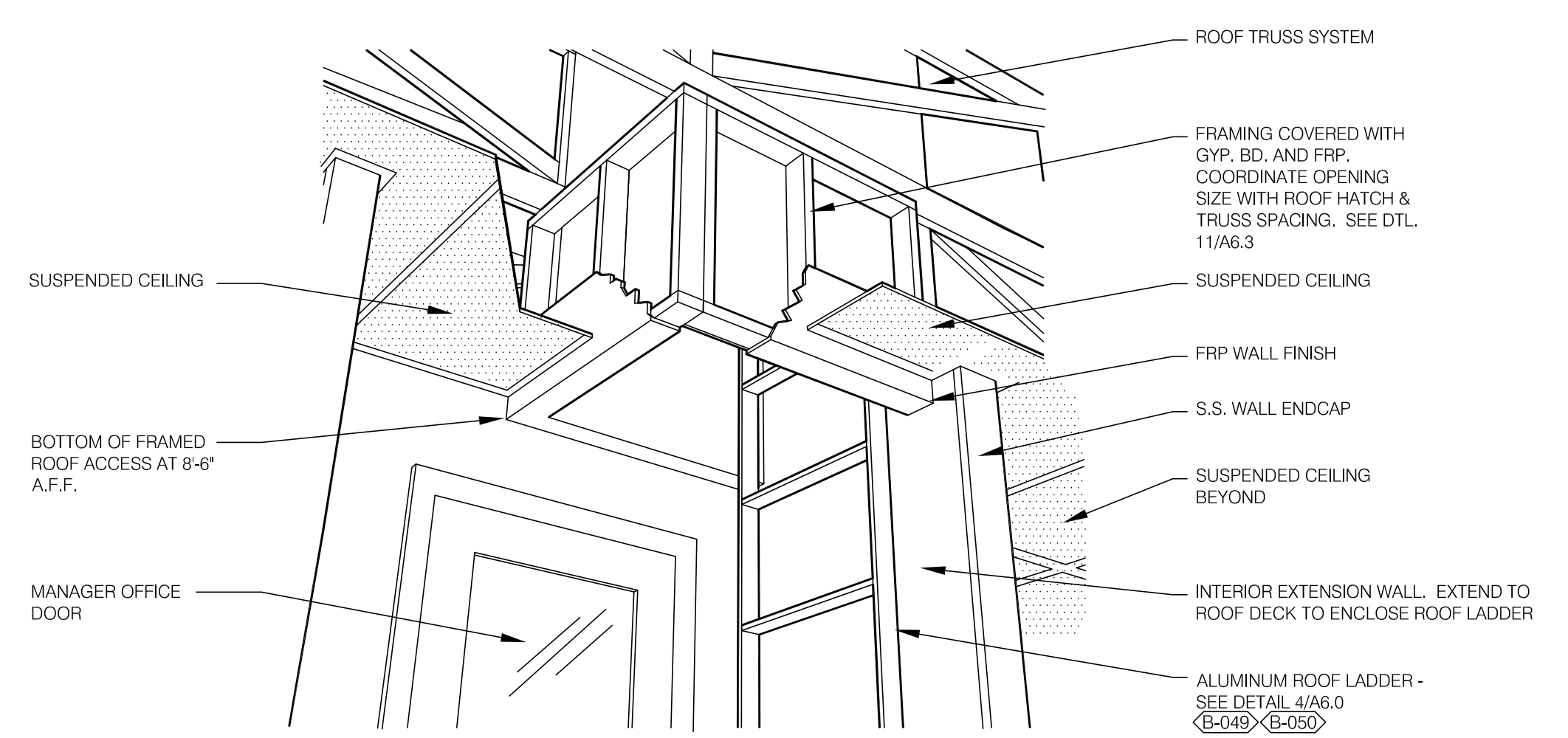
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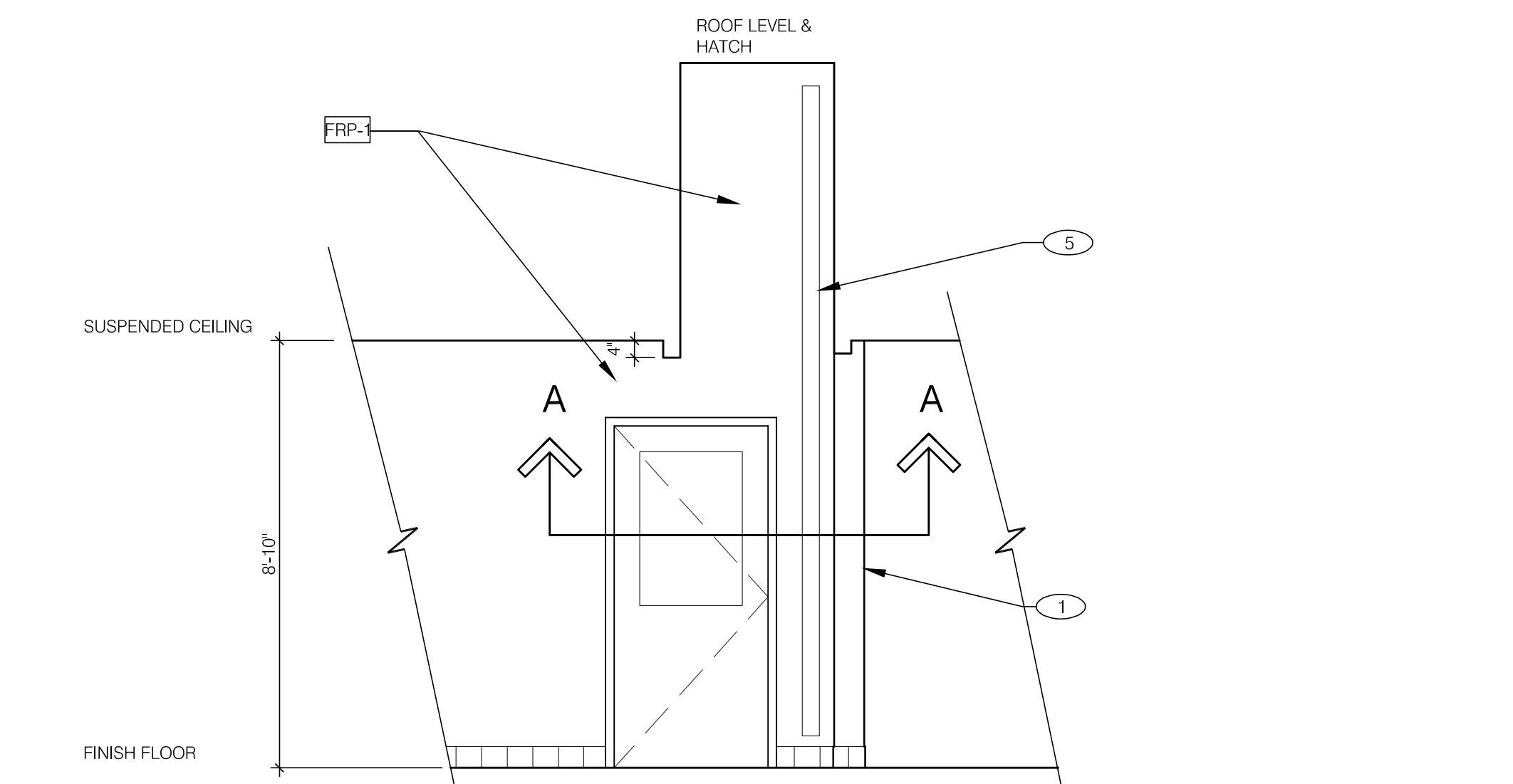
3

SERVING 3/8" = 1'-0"

EVO DUAL LINE 3/8" = 1'-0"

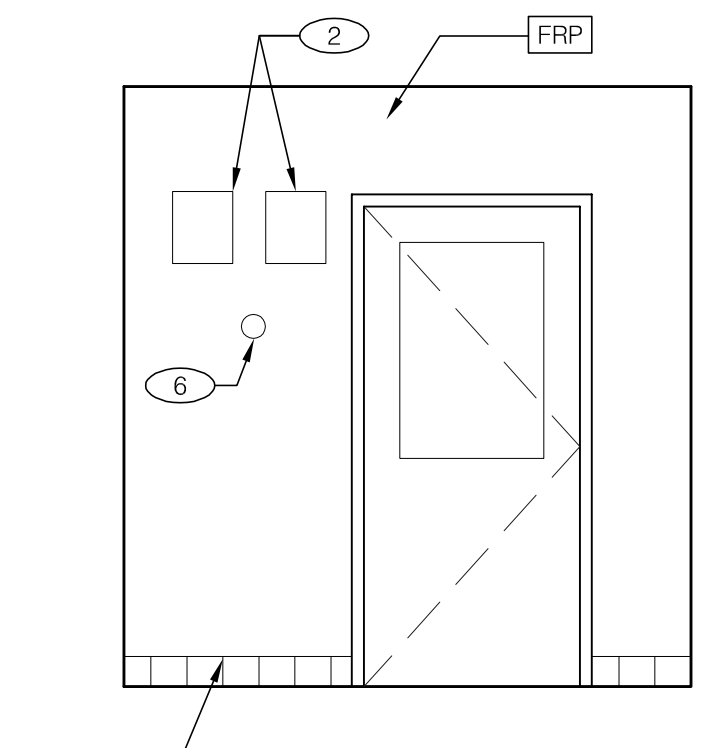


A - ROOF LADDER VIEW



5

ROOF ACCESS PASSAGEWAY N.T.S. **B**



4

EMPLOYEE / STORAGE 3/8" = 1'-0"

Taco Bell Mop Sink Installation

Dispenser Tips
 Degreaser - White
 Floor Care
 Quarry Tile - Turquoise
 Xceloxite - Purple
 Glass & Multi-Surface Cleaner - Tan

Tool Holder - must provide for hanging wet tools at mop sink.

Use clips (# 8730-1891) to secure all tube connections.

INSTALL IN ACCORDANCE WITH STATE AND LOCAL PLUMBING CODES.
 In states or municipalities requiring dedicated or hard-plumbed water lines, the dispensing unit at the 3-compartment sink must be connected to a "TEMPERED" water source. This may require the installation of a mixing/tempering valve.

ECOLAB Key Chemical Company
 5200 Capital Drive
 Greensboro, NC 27409-9795, USA 800.529.5458

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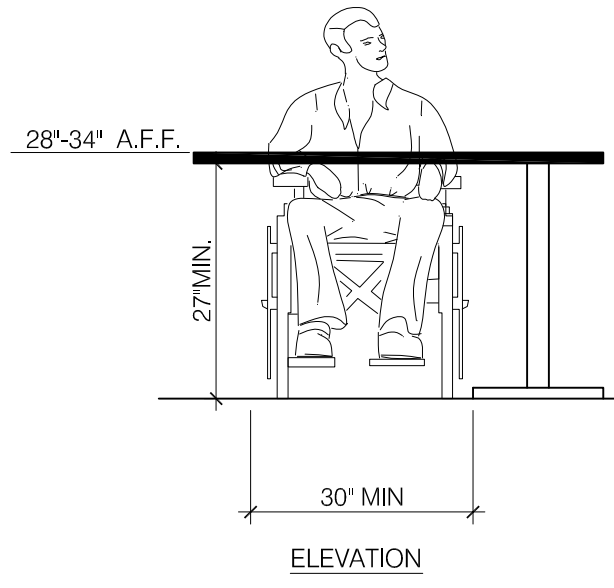
MOP SINK INSTALLATION **C**

- 1 SS CORNER / END WALL CHANNEL GUARD, FULL HEIGHT. SEE 19/A6.3.
- 2 FAN MOTOR STARTERS, SURFACE MOUNTED. TYP. OF 2.
- 3 HOLD-UP BUTTON
- 4 UTILITY CHASE.
- 5 ROOF LADDER. SEE 7/A6.0.
- 6 TEMPERATURE SENSOR. SEE MECHANICAL DRAWINGS.

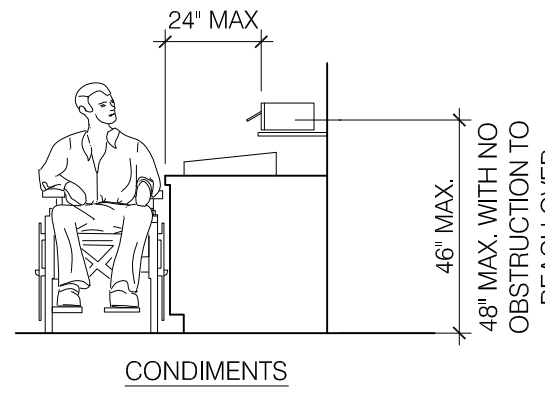
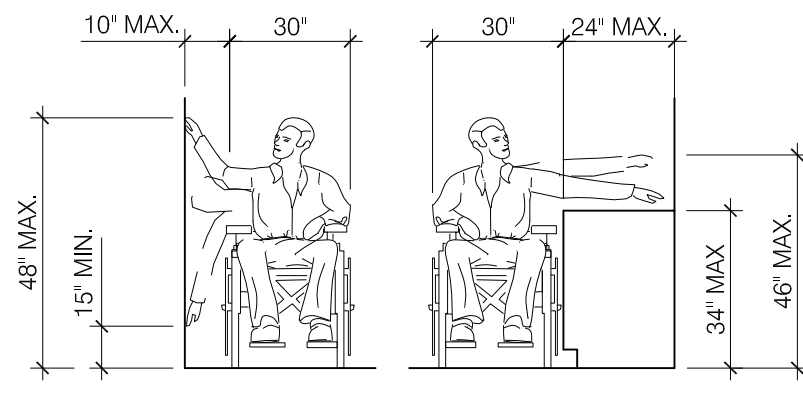
KEY NOTES **A**

TOTAL SEATS	ACCESSIBLE SEATS
1 - 20	1
21 - 40	2
41 - 60	3
61 - 80	4
81 - 100	5
101 - 120	6
121 - 140	7

NUMBER OF ACCESSIBLE SEATS

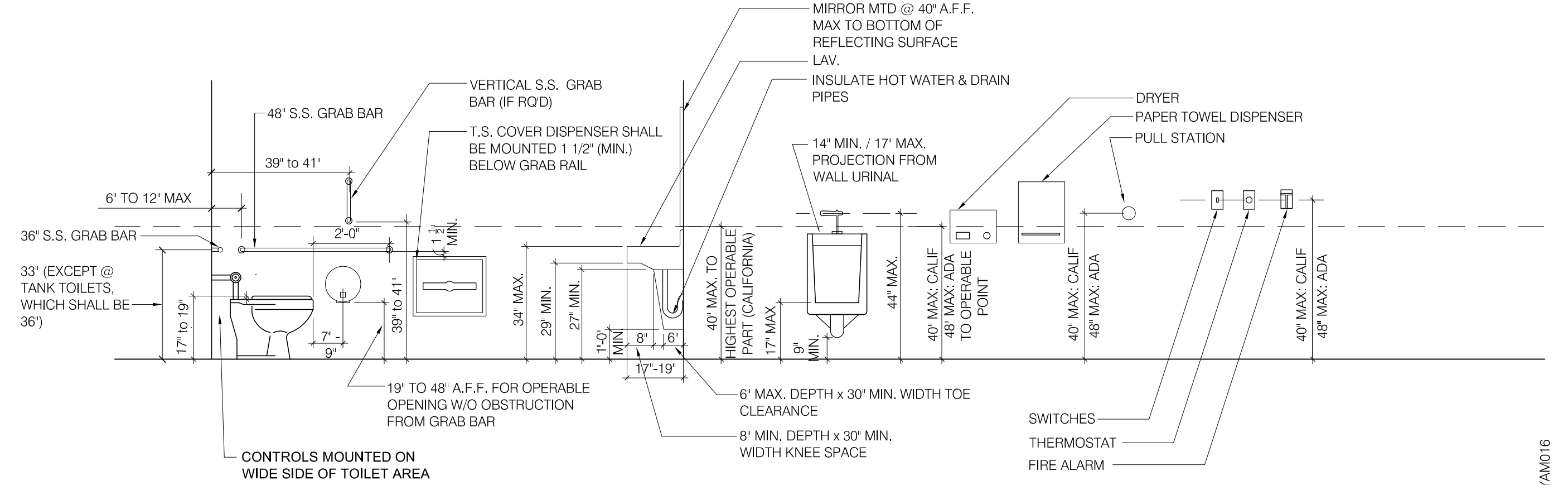


SEATING AND TABLES N.T.S. 18

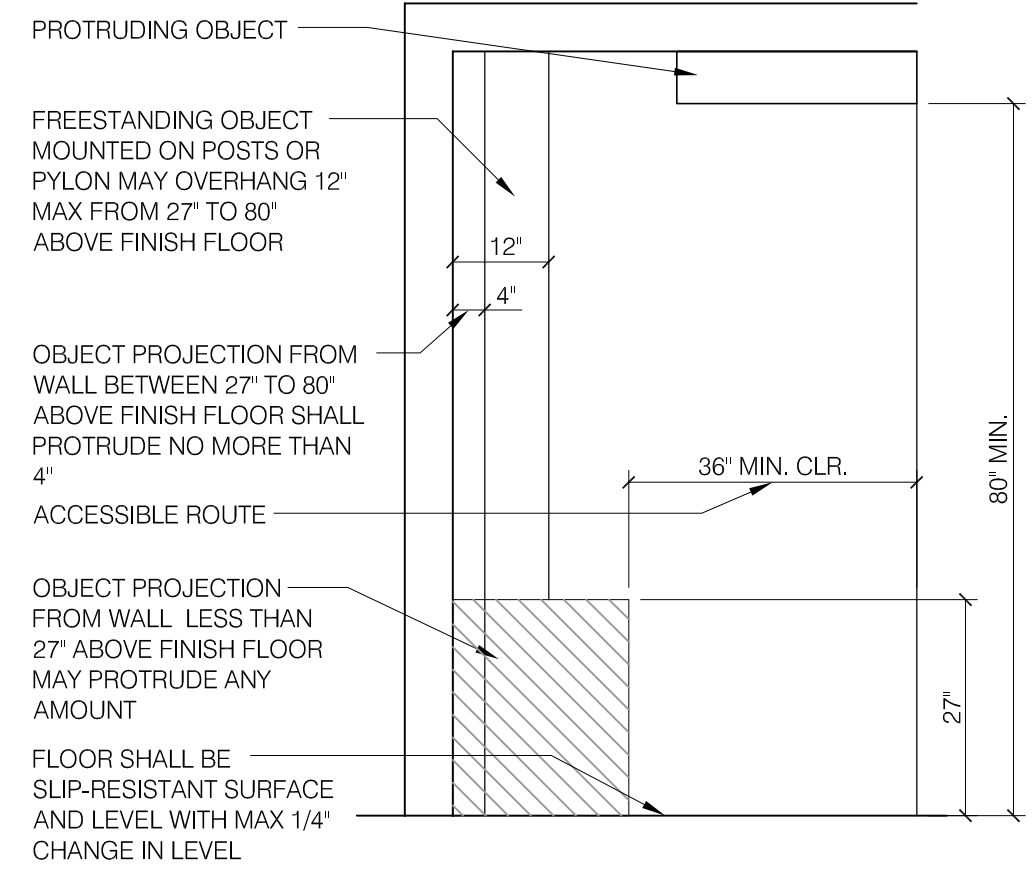


REACH RANGES N.T.S. 14

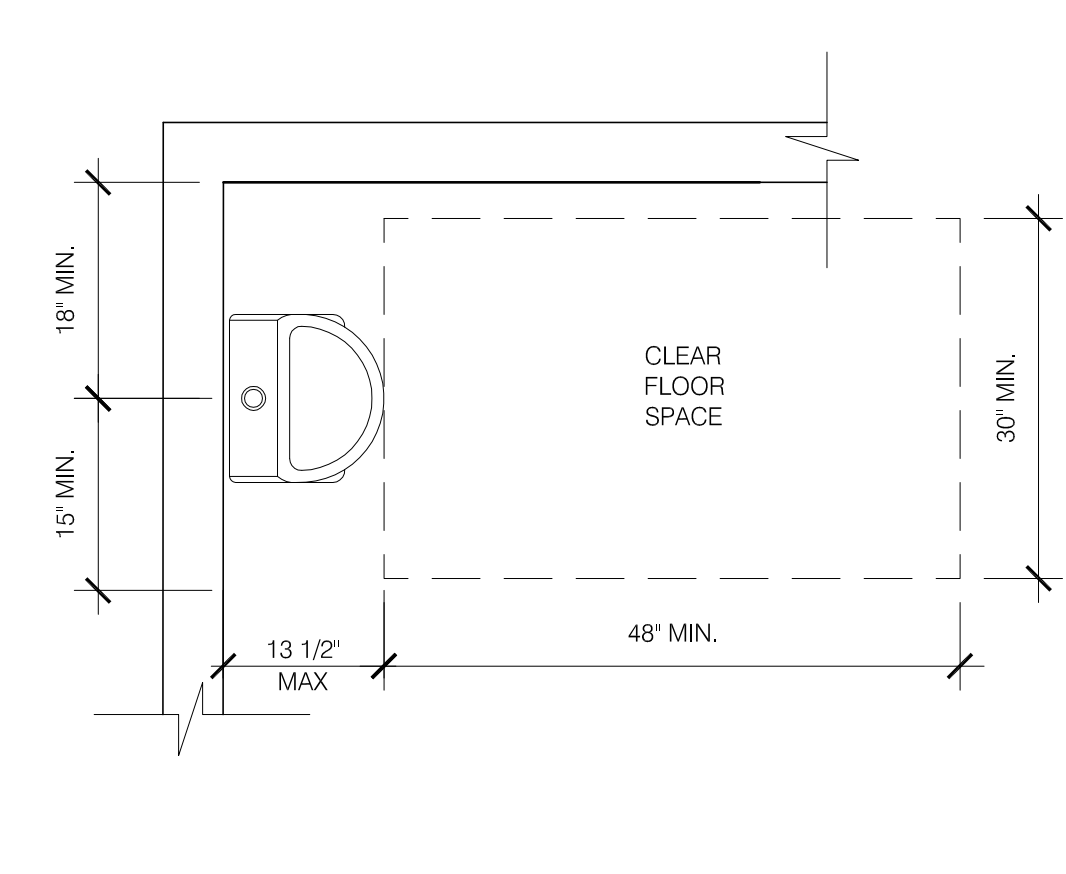
- NOTES:
- TOP OF GRIPPING SURFACE 33" TO 36" MAX TO THE TOP OF THE BAR. SEE NOTES BELOW
 - 12" MINIMUM CLEAR ABOVE GRAB BAR



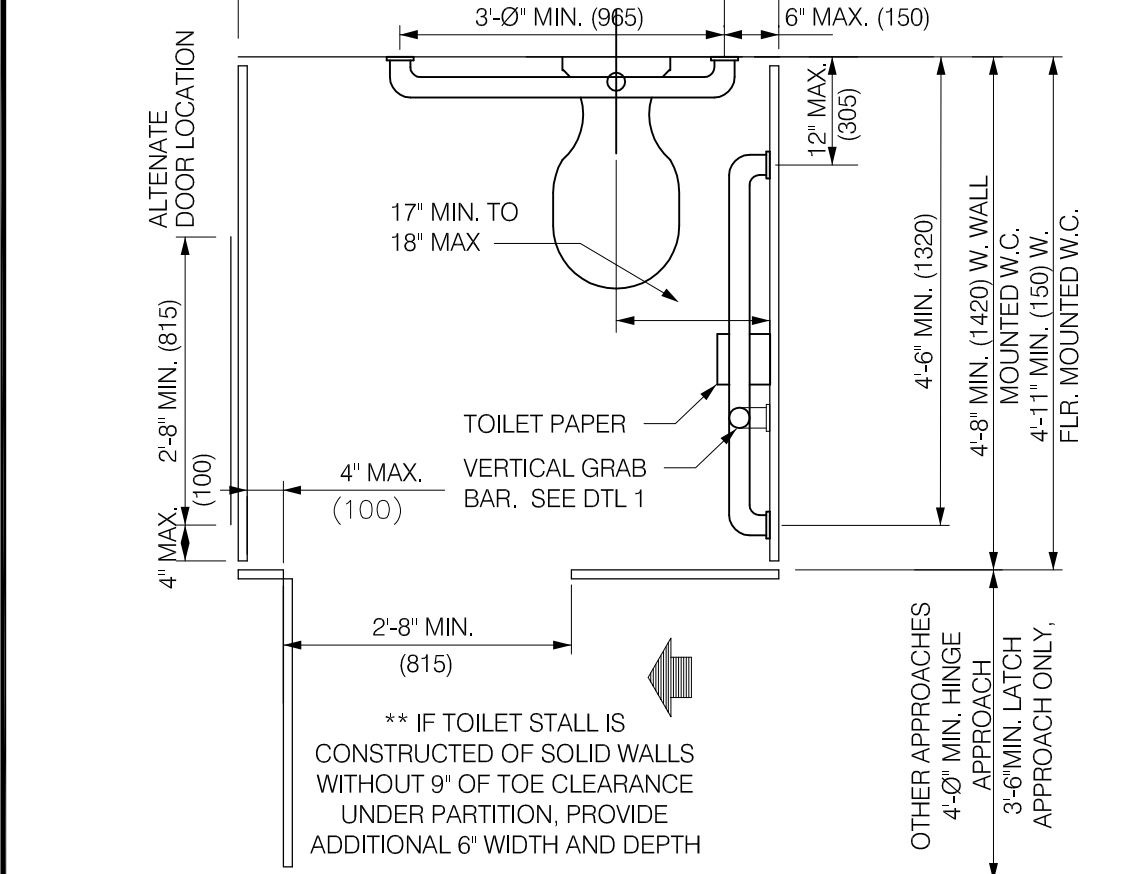
MOUNTING HTS. & CLEARANCES FOR ACCESSIBILITY BY THE DISABLED N.T.S. 1



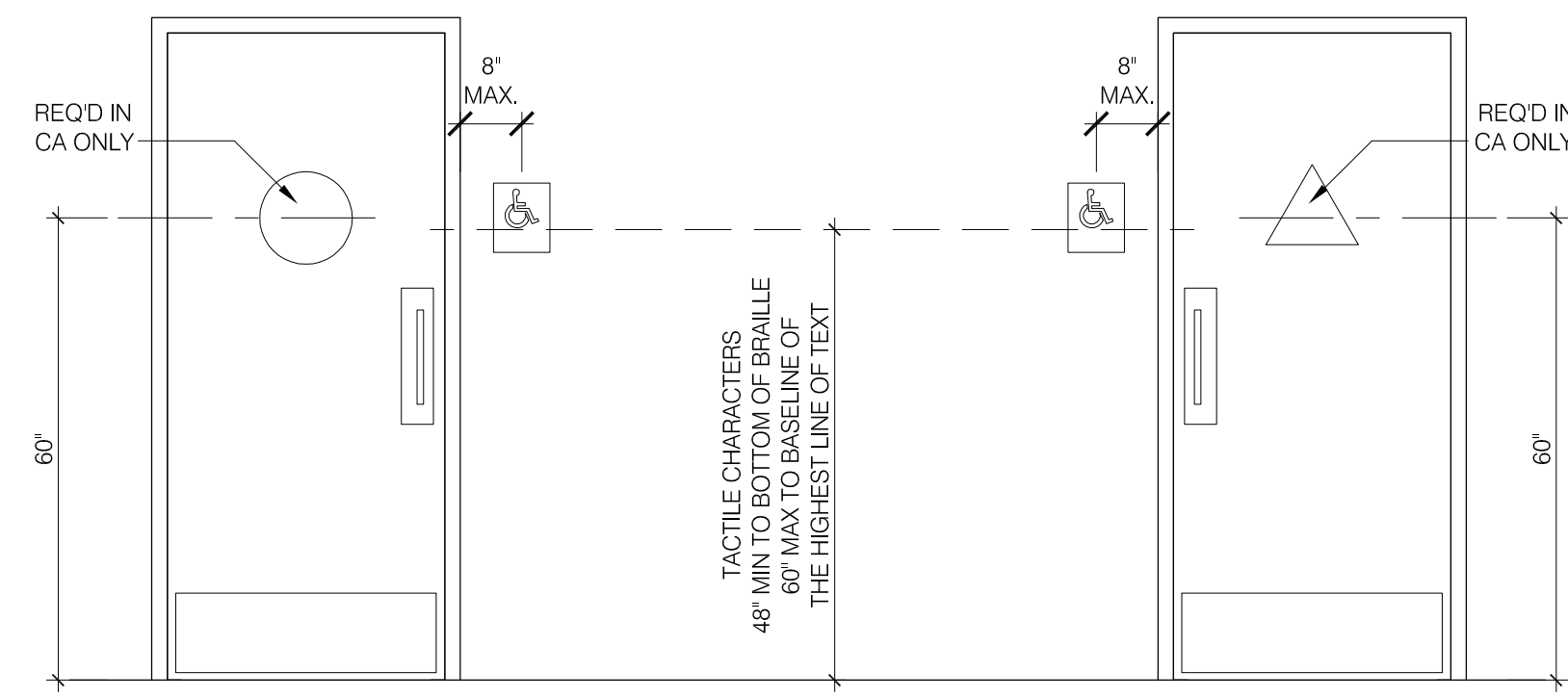
INT. ACCESS. ROUTE CLEARANCES 1/2" = 1'-0" 10



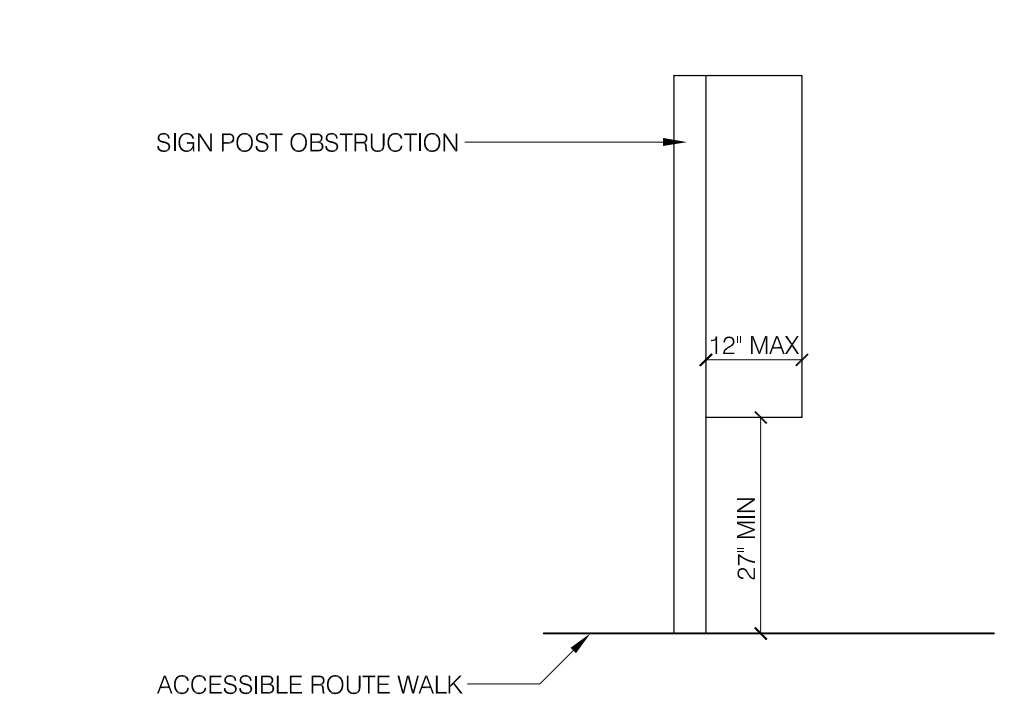
ACCESSIBLE URINAL 3/4" = 1'-0" 6



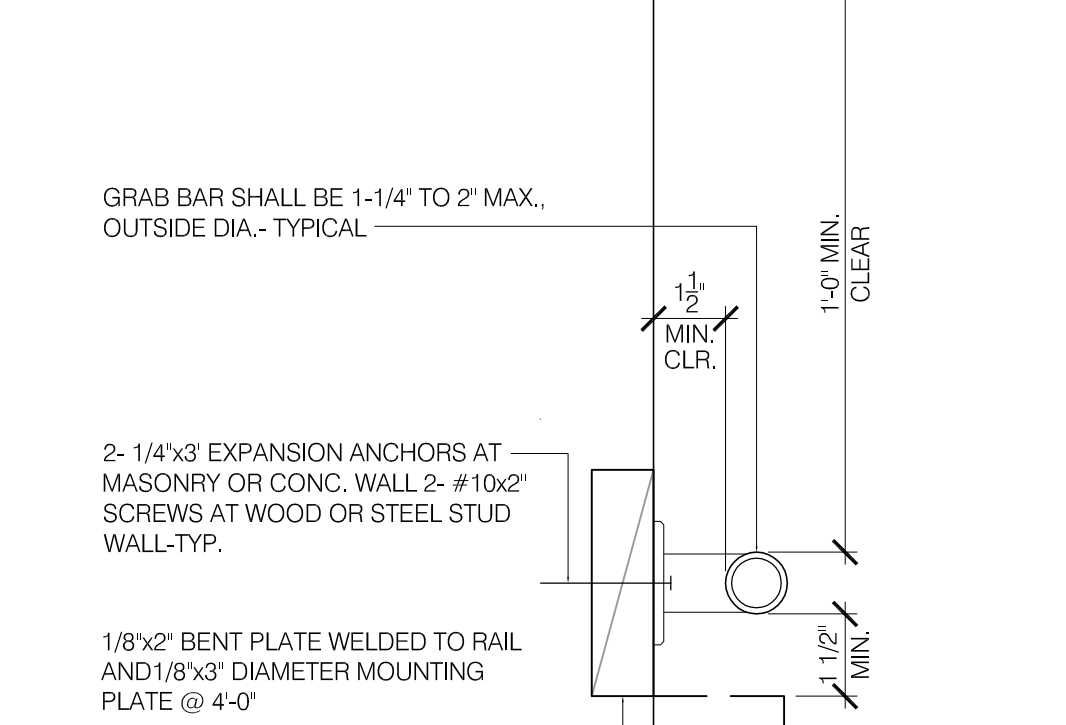
STANDARD TOILET STALL N.T.S. 2



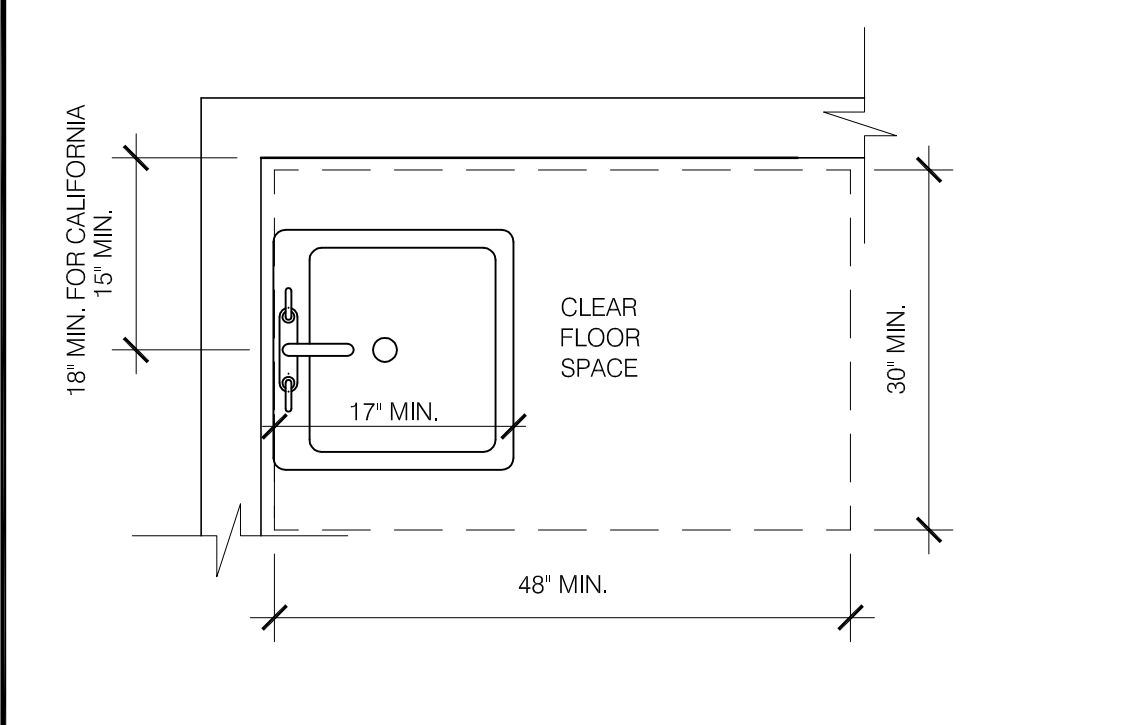
ACCESSIBLE RESTROOM DOORS N.T.S. 15



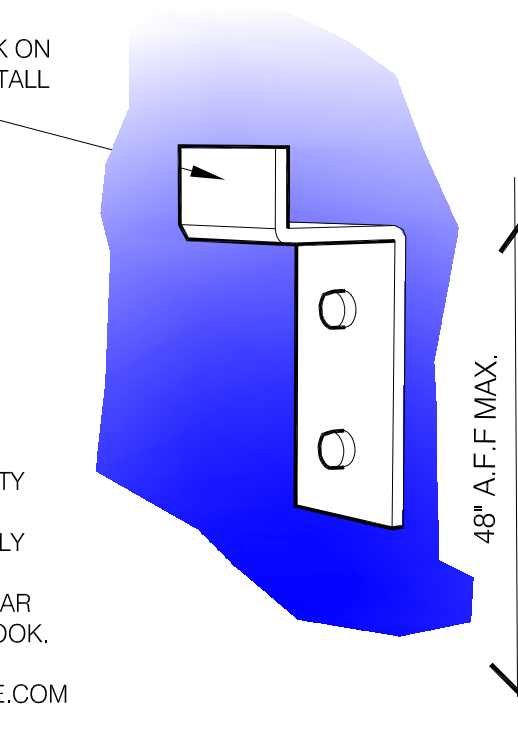
PROTRUDING HAZARDS 1/2" = 1'-0" 11



GRAB BAR 3'-1'-0" 7

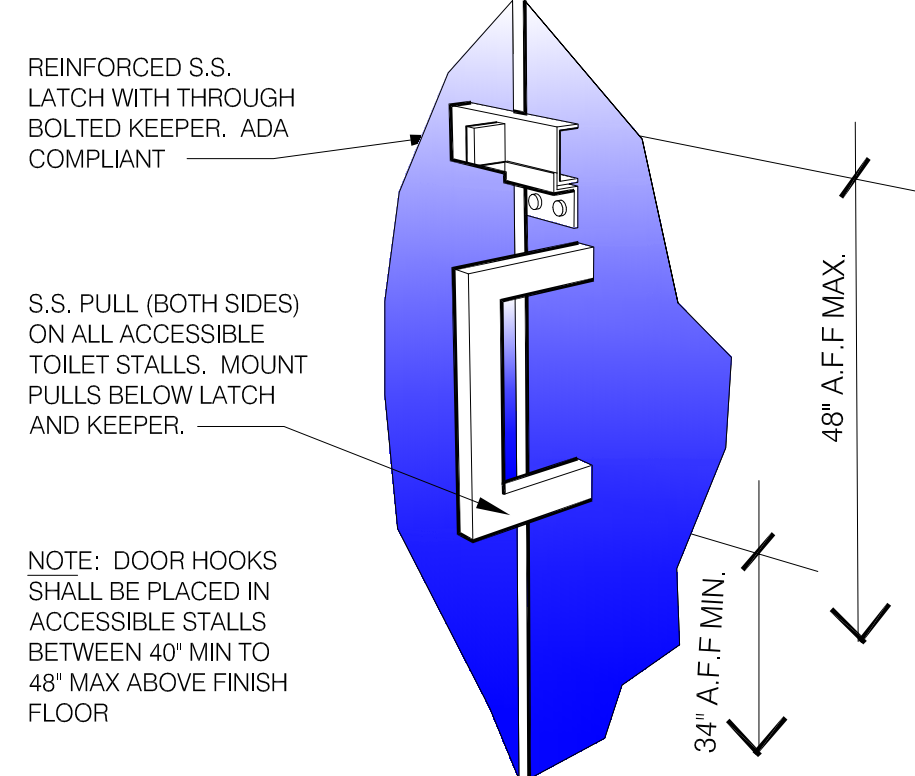


ACCESSIBLE LAVATORY 3/4" = 1'-0" 3

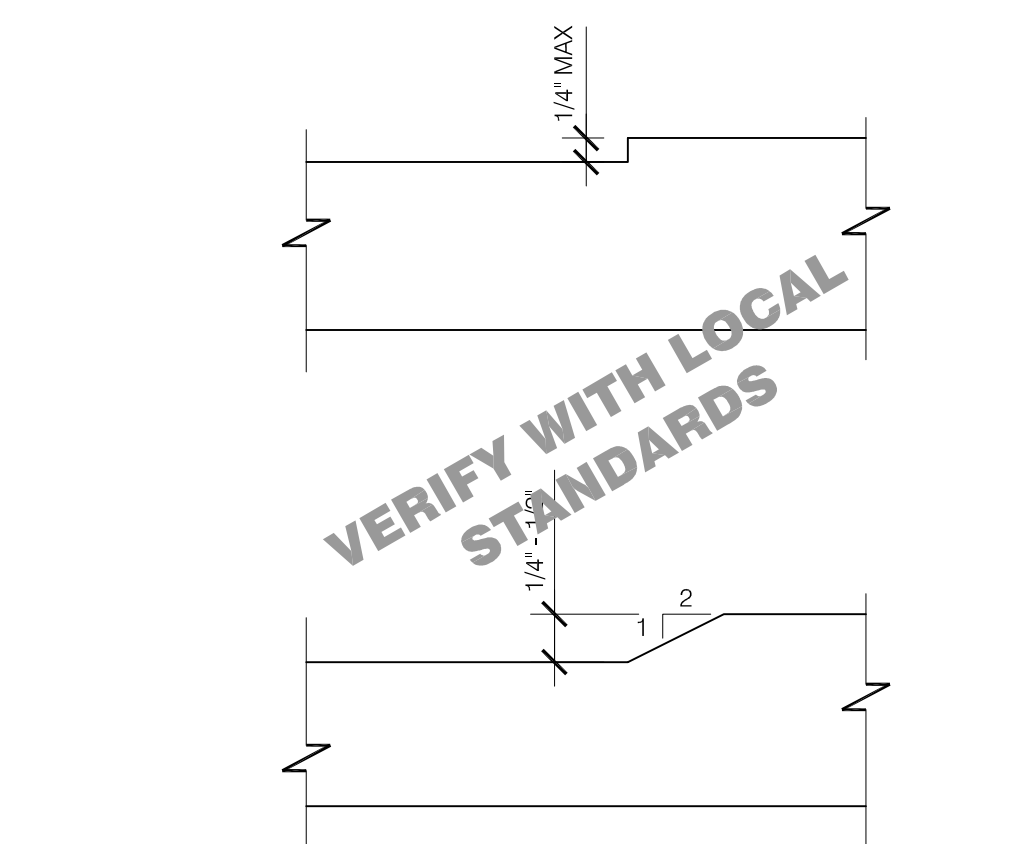


BOBRICK OR CHRISTY COMMERCIAL HARDWARE & SUPPLY WAREHOUSE #639-6529 OR SIMILAR ADA COMPLIANT HOOK. CHRISTYHARDWARE.COM 877-544-5400

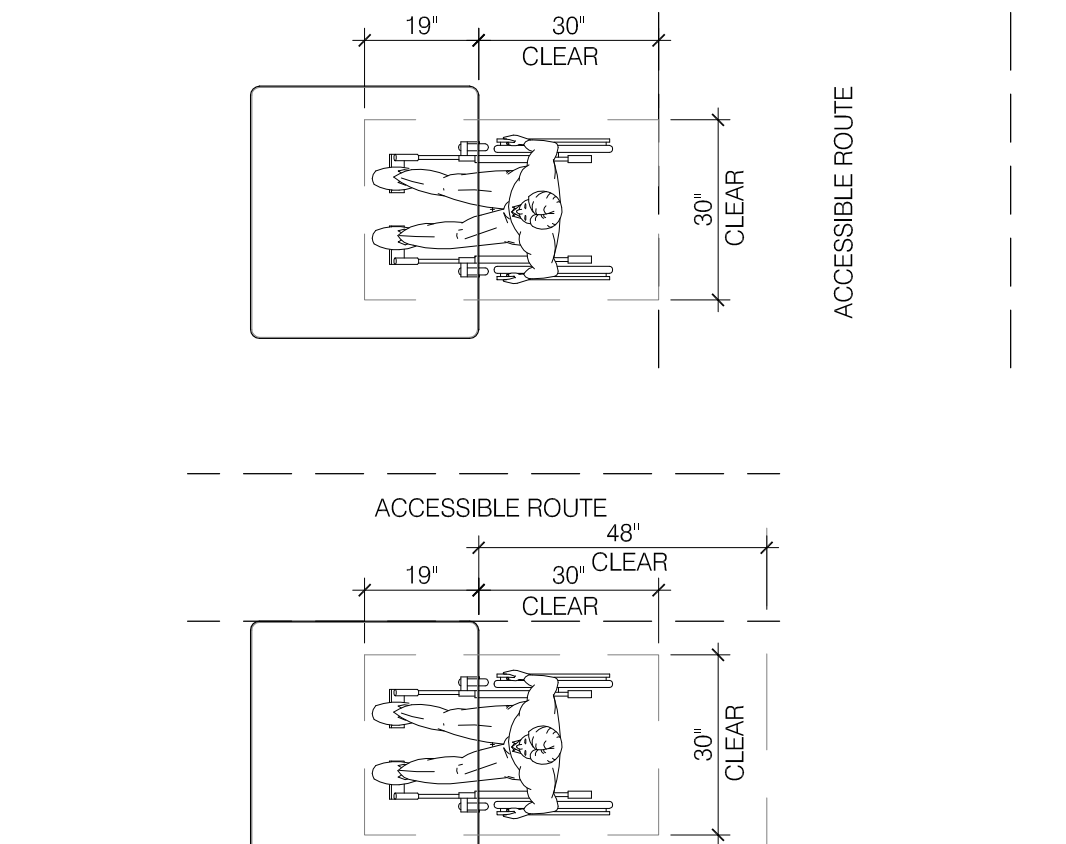
COAT HOOK N.T.S. 20



PARTITION DOOR LATCH @ PULL N.T.S. 16



CHANGES IN LEVEL N.T.S. 12



DINING ROOM SEATING CLEARANCES N.T.S. 8

- INDICATED DIMENSIONS, HEIGHTS, DEPTHS, AREAS AND OTHER GRAPHIC INFORMATION ARE PROVIDED AS MINIMUMS THAT MUST BE MAINTAINED. THESE MINIMUMS ARE BASED UPON YUM STANDARDS AND MAY EXCEED ADA REQUIREMENTS.
THE DETAILS SHOWN ARE CONCEPTUAL ONLY AND INTENDED TO SHOW ABSOLUTE MINIMUMS AND SHALL BE COORDINATED WITH THE OTHER CONSTRUCTION DOCUMENTS ASSOCIATED WITH THIS PROJECT.
- 60" TURNING SPACE
- PERMITTED OVERLAP LIMITED TO 1 ARM OF T-SHAPED SPACE
- CAN OVERLAP FIXTURE & DOOR CLEARANCE
- DOOR CAN SWING INTO TURNING SPACE A MAXIMUM OF 12"
- RESTROOM. IN GENERAL, DOOR SWING MUST BE OUTSIDE OF THE FIXTURE CLEAR FLOOR SPACE HOWEVER A DOOR CAN SWING INTO FIXTURE CLEAR FLOOR SPACE IF WHEELCHAIR SPACE 30"x48" IS PROVIDED BEYOND THE DOOR SWING.
- TOILET ROOM MUST ALLOW FOR SIDE TRANSFER - 42" BETWEEN FIXTURES

GENERAL NOTES 4

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ADDRESS CHANGE	

DATE: JULY 15, 2015
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PLAN VERSION: JUNE 2015
SITE NUMBER:
ENTITY NUMBER:

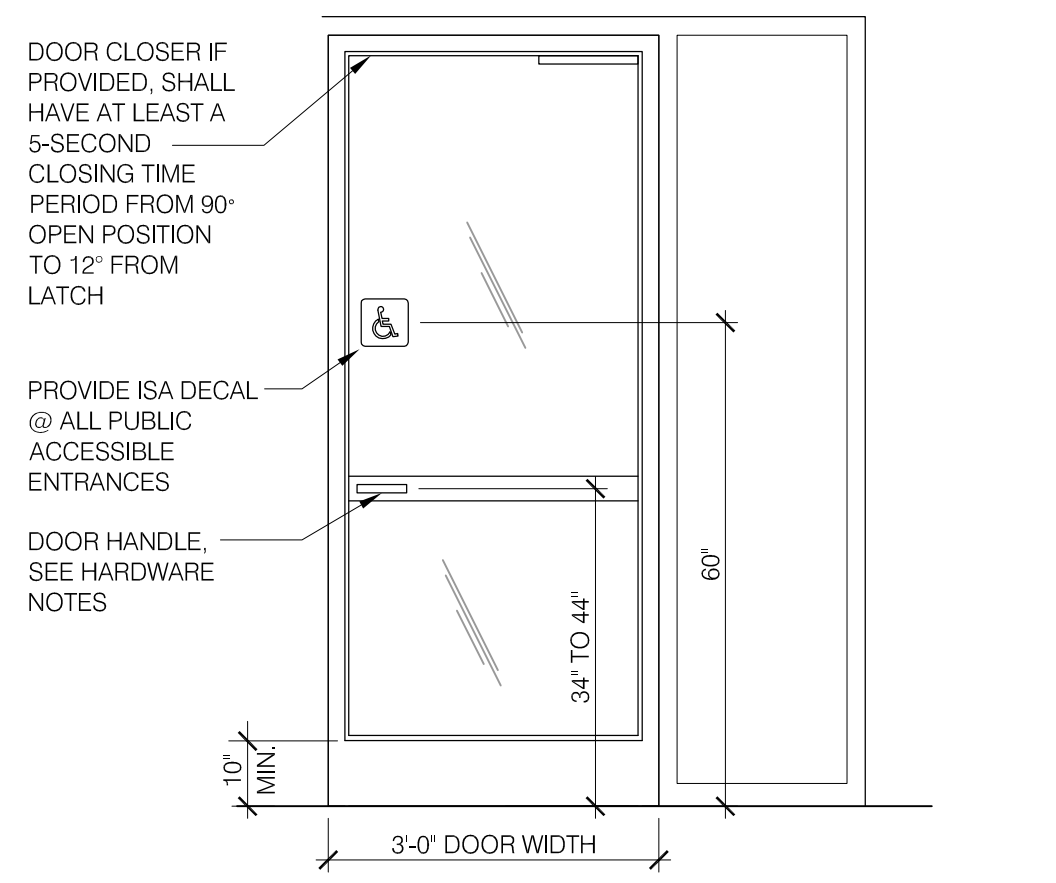
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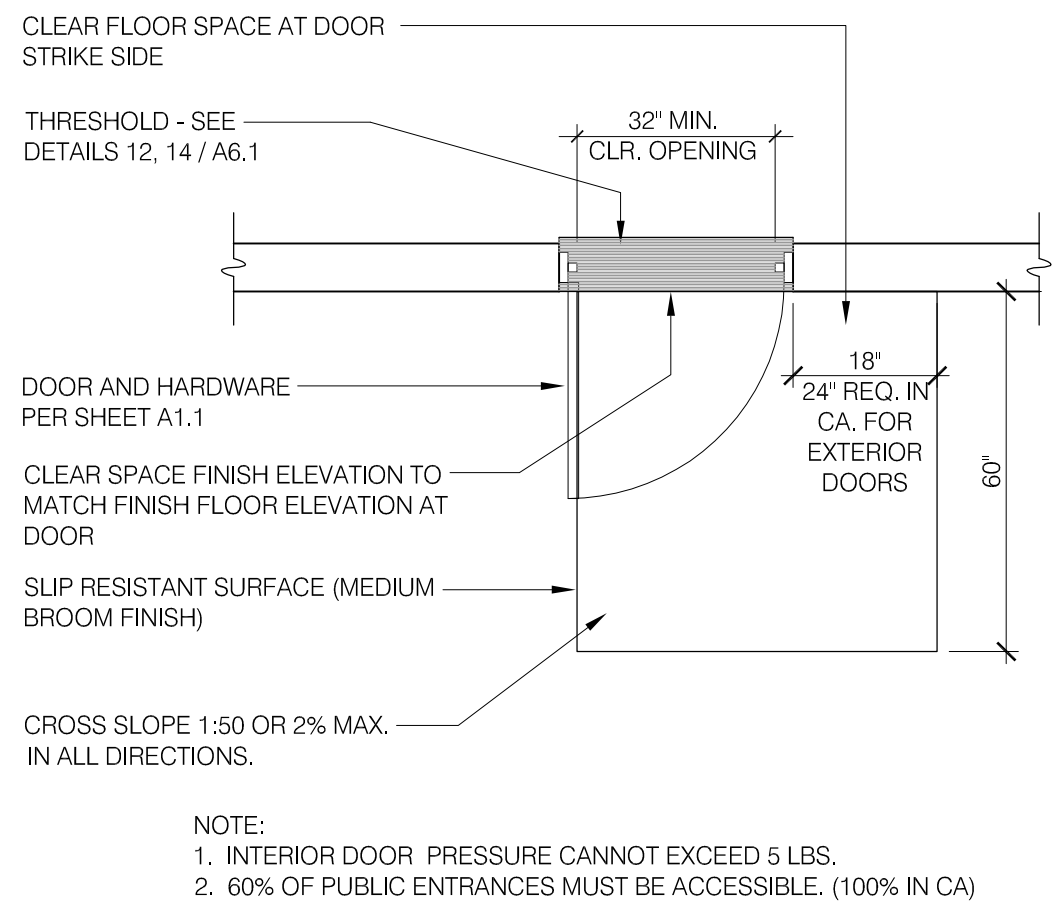
ACCESSIBILITY REQUIREMENTS

ADA 1.0

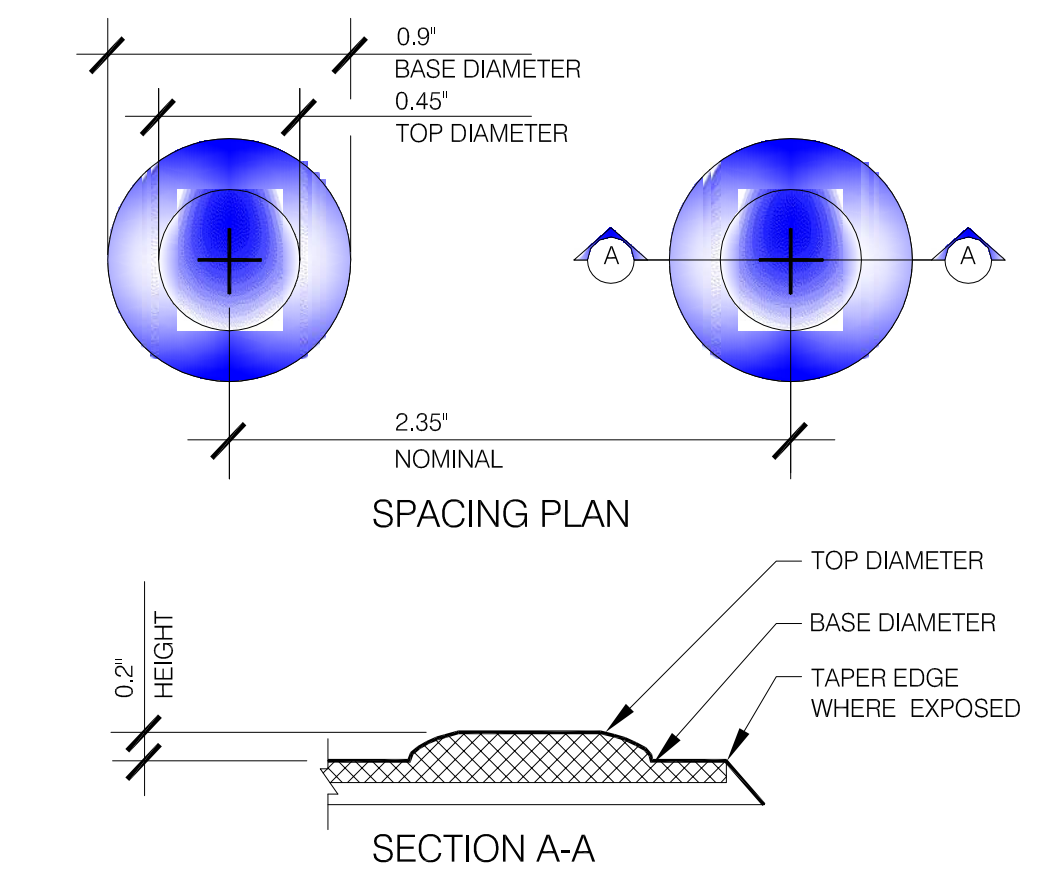
PLOT DATE: 1-04-16



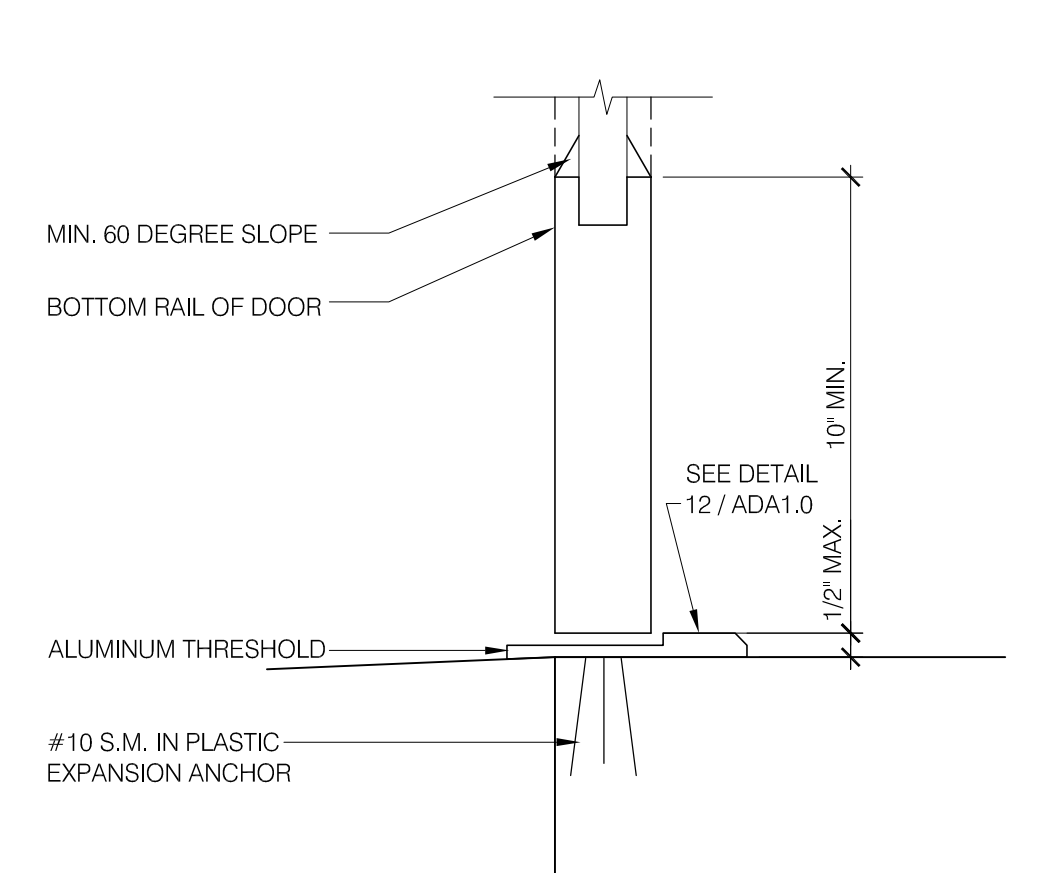
TYP. ENTRANCE / EXIT DOOR N.T.S. **17**



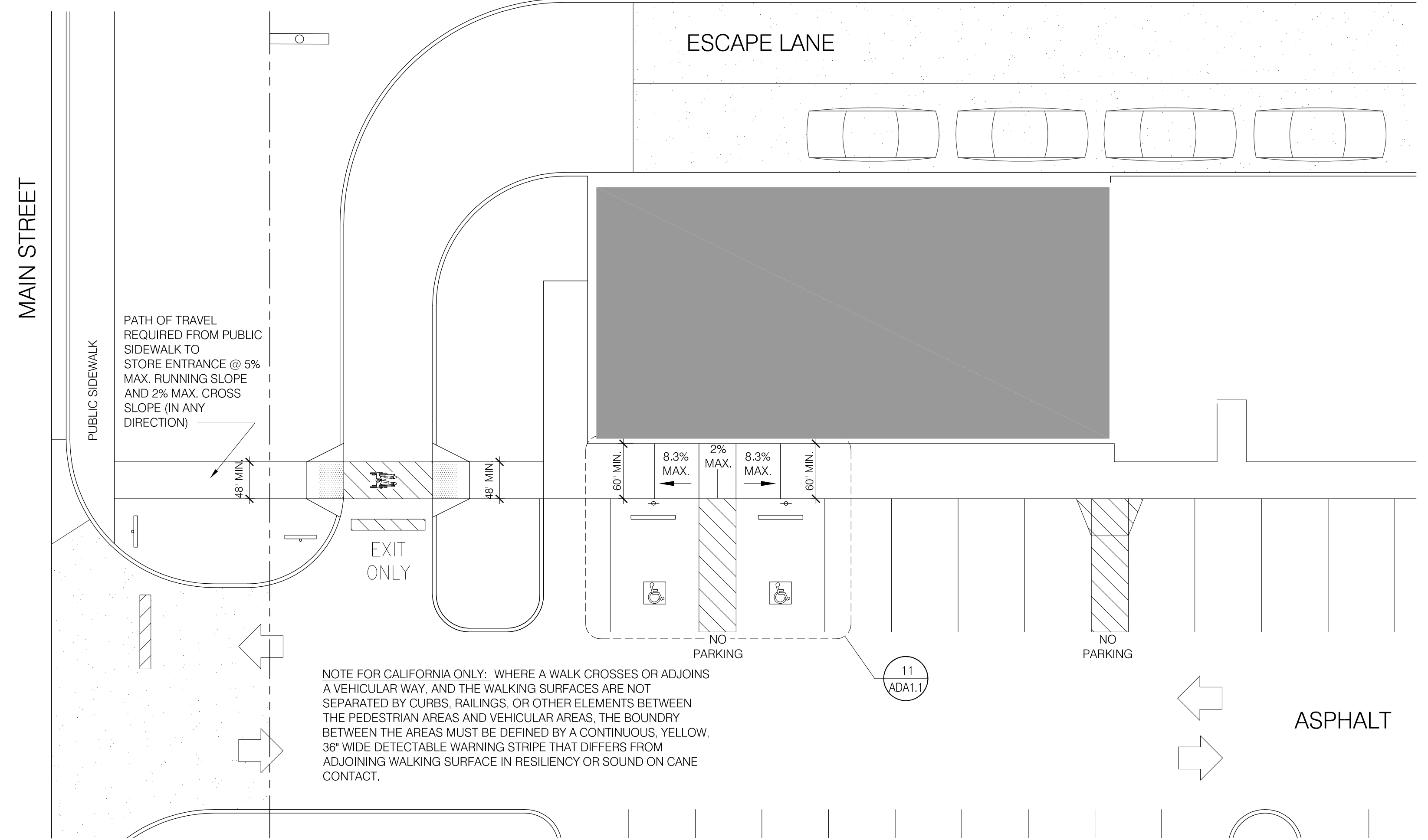
EXTERIOR DOOR REQUIREMENTS 1/2" = 1'-0" **13**



TRUNCATED DOMES N.T.S. **18**

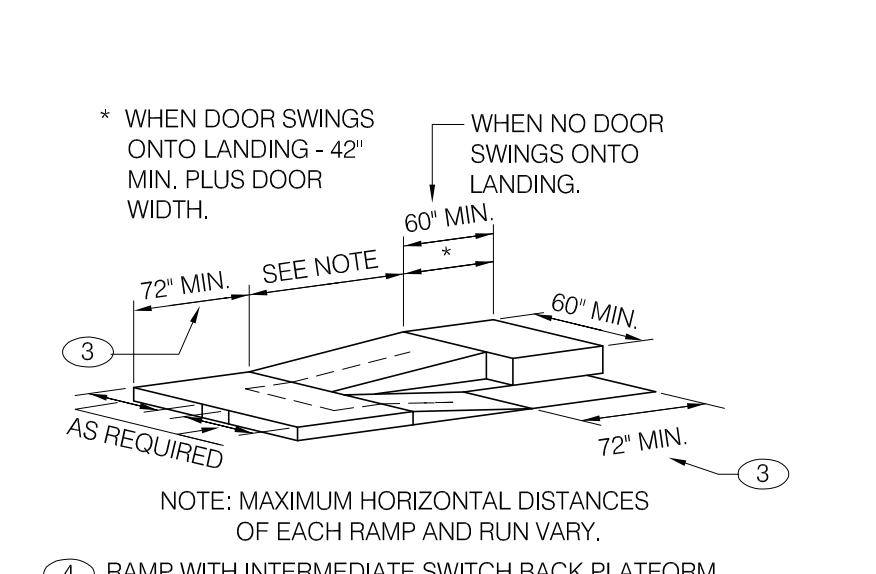
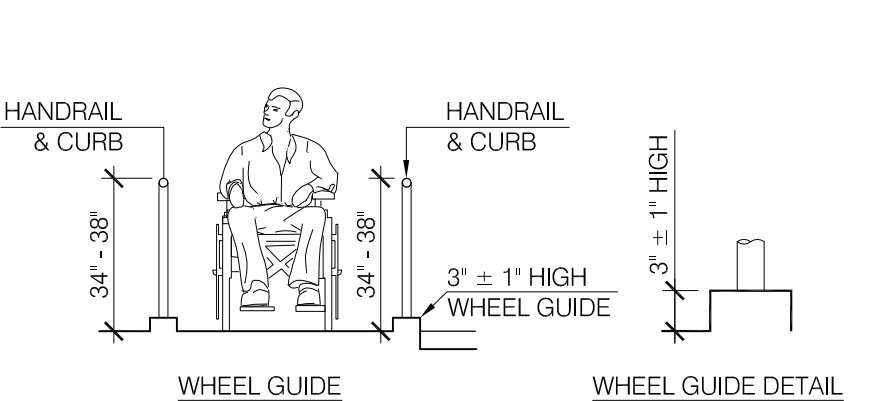
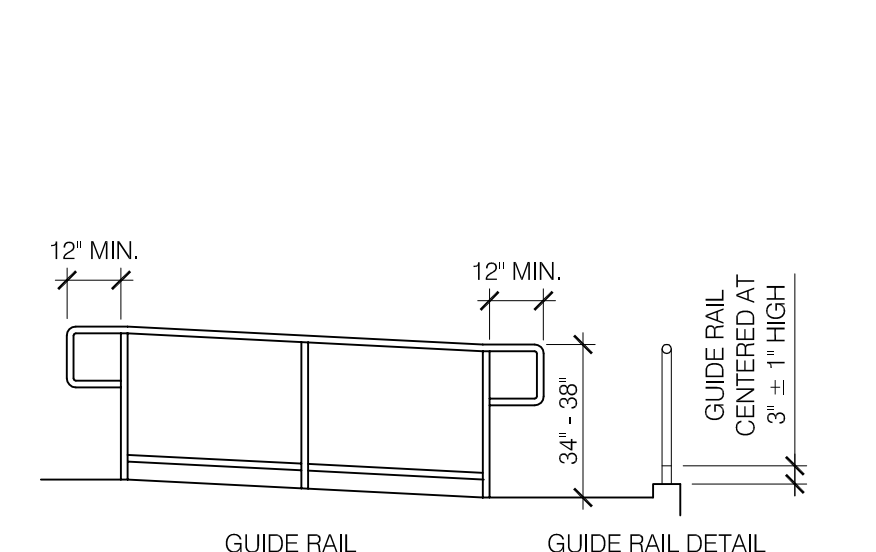


BOTTOM RAIL (EXTERIOR DOOR) 3" = 1'-0" **14**

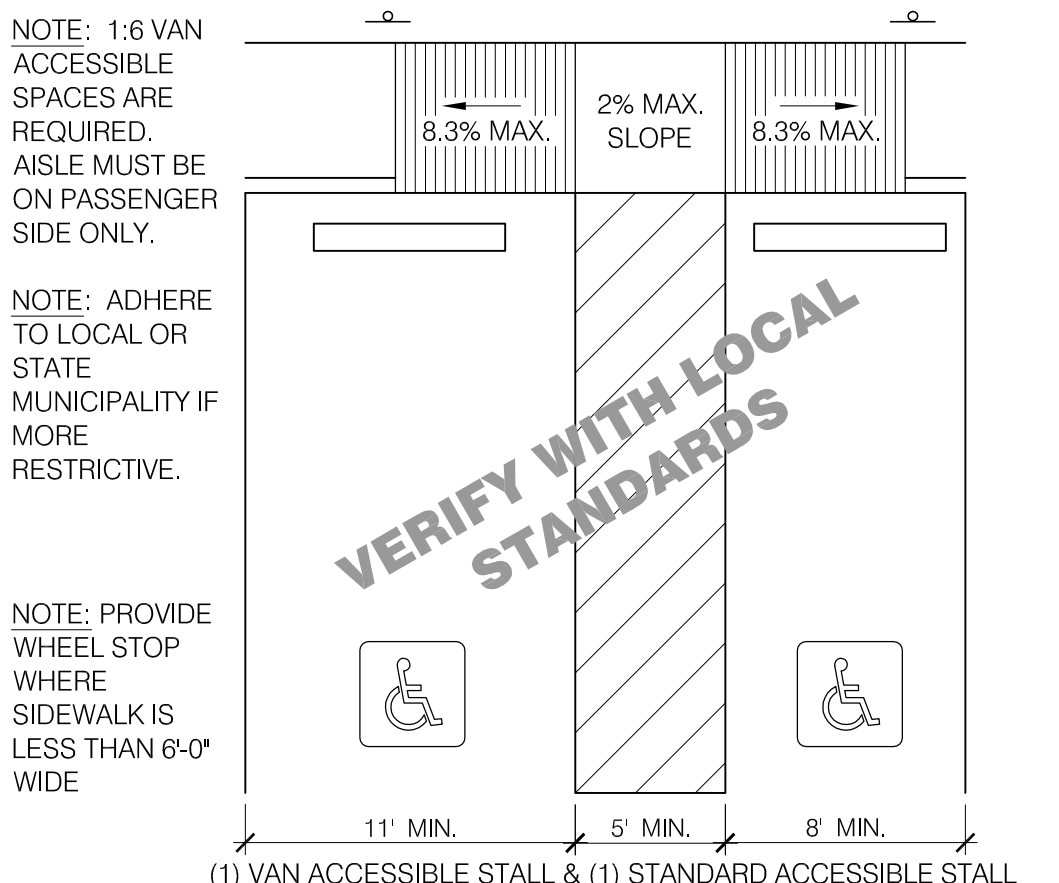


EXTERIOR PATH OF TRAVEL N.T.S. **2**

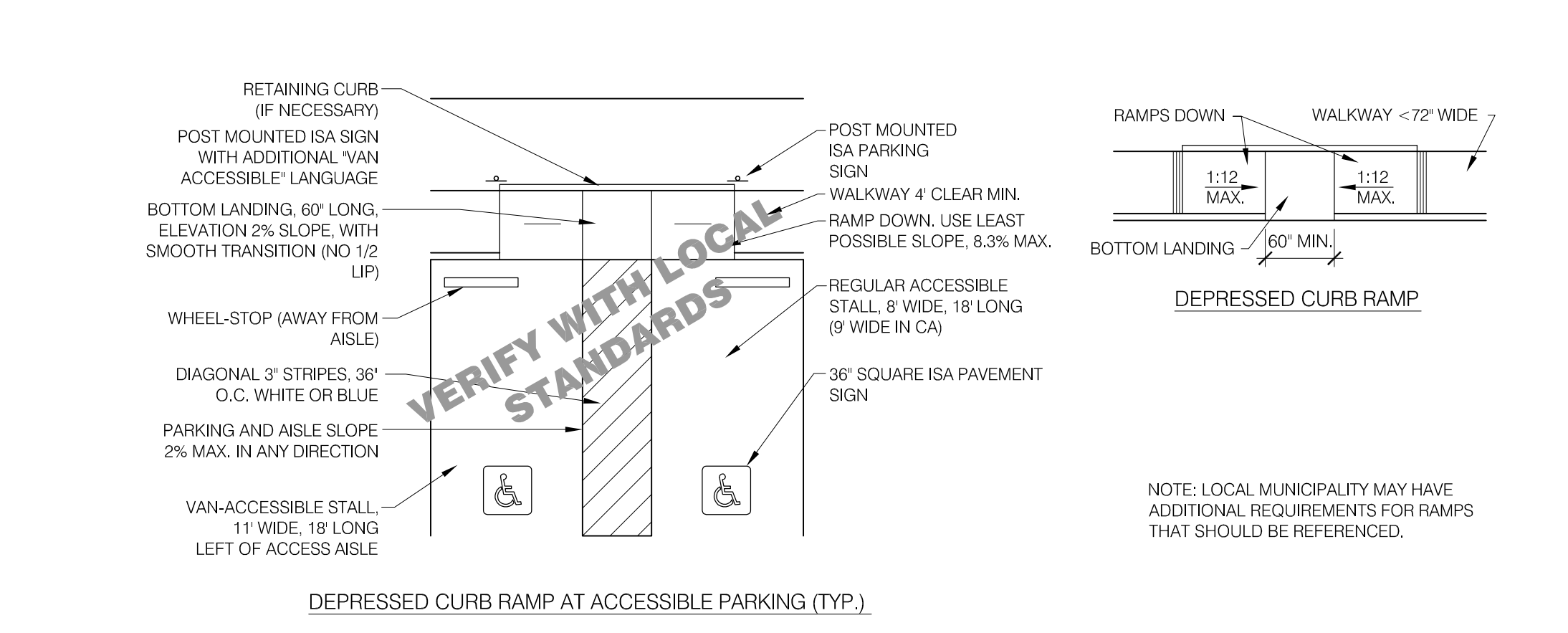
- KEY NOTES**
- 1 WHEN DOOR SWINGS ONTO LANDING 42" MIN. PLUS DOOR WIDTH
 - 2 MAXIMUM HORIZONTAL DISTANCE OF EACH RAMP & RUN VARY
 - 3 72" FOR CALIFORNIA & 60" FOR REST OF COUNTRY
 - 4 HANDRAILS NOT REQUIRED ON WALKING SURFACES WITH RUNNING SLOPES LESS THAN 1:20.



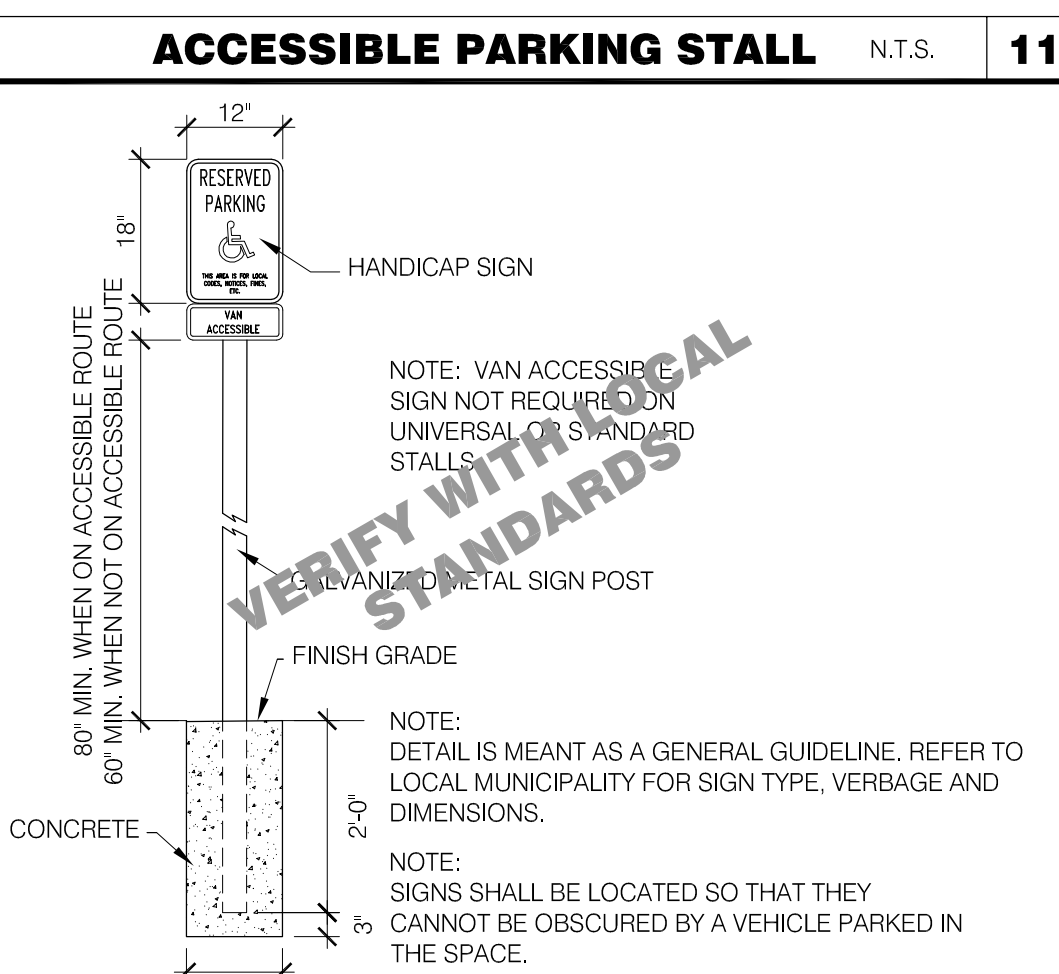
RAMPS N.T.S. **16**



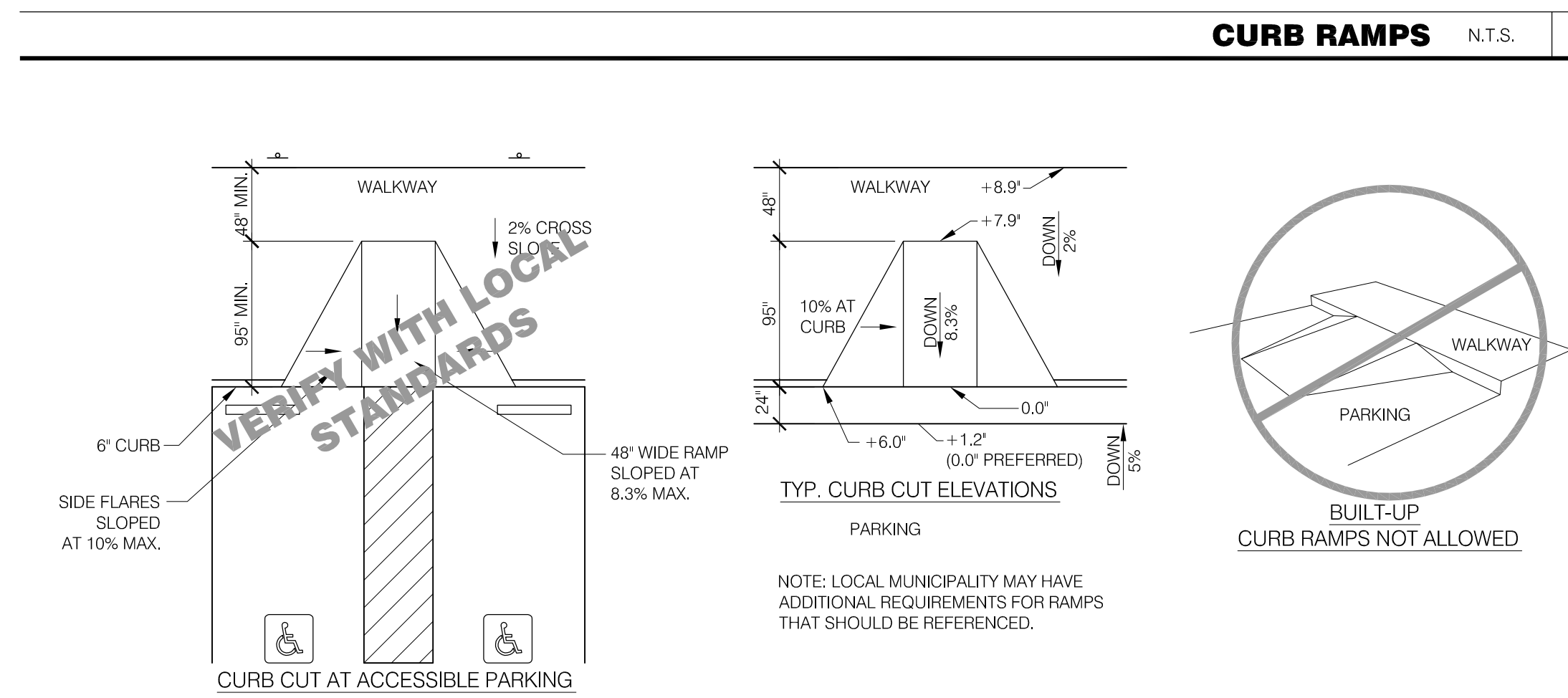
ACCESSIBLE PARKING STALL N.T.S. **11**



CURB RAMPS N.T.S. **3**



ACCESSIBLE PARKING SIGN N.T.S. **12**



CURB RAMPS N.T.S. **4**

ARCHITECTURE

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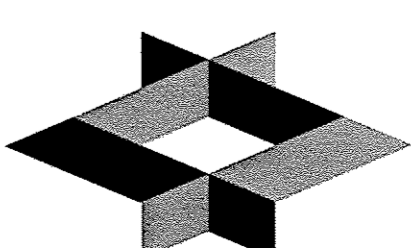
TACCO
REBEL, L.L.C.

LIVE MAS
MEDIUM40 - MODIFIED

ACCESSIBILITY REQUIREMENTS

ADA1.1

PLOT DATE: 1-04-16



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Fax: 864-242-4878
E-Mail: Corp@devitallc.com

DAI PROJECT: 1500228

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Expiration Date:
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PLAN VERSION: JUNE 2015
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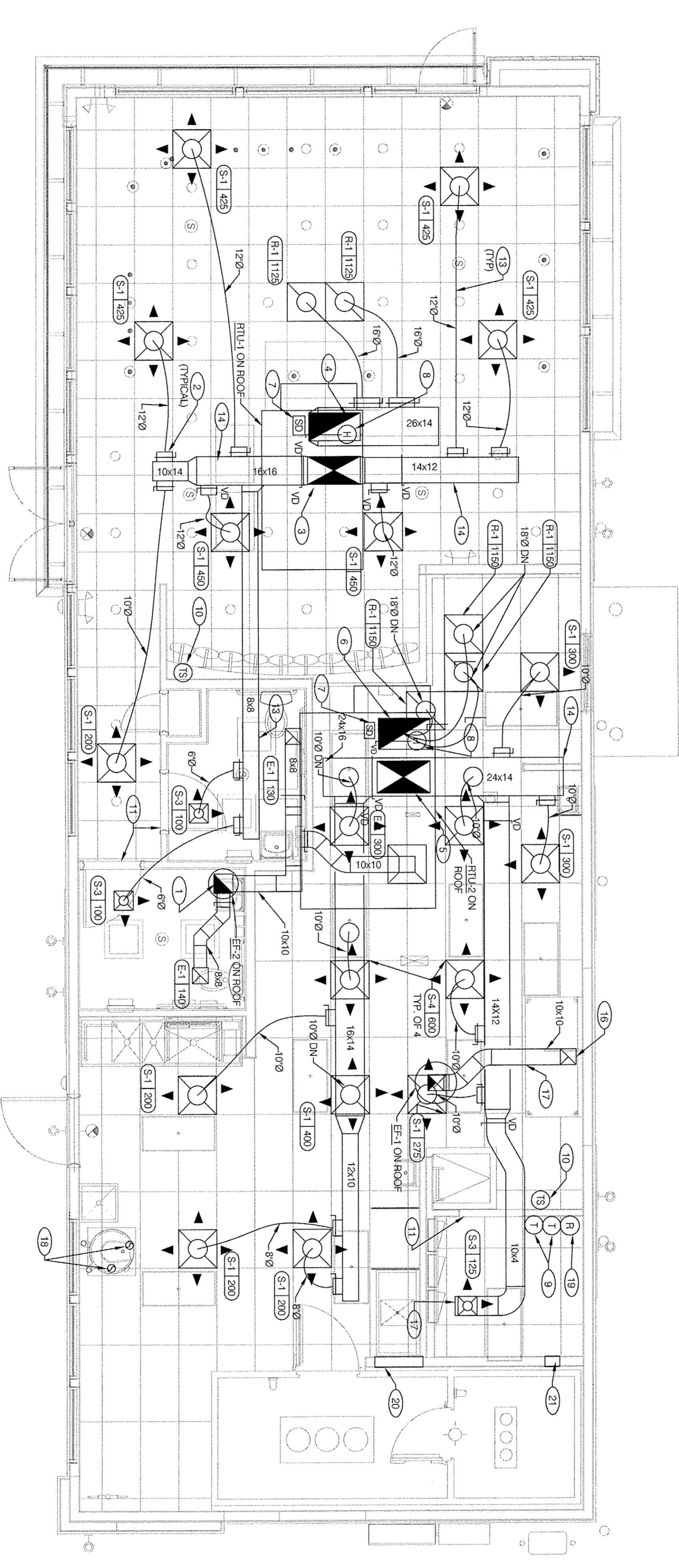
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LIVE MAS
MECHANICAL
DIFFUSER AND
DUCT PLAN

M2.0

1-04-16



DUCT AND DIFFUSER PLAN 1/4"=1'-0"

1. DINING ROOM LIGHT FIXTURE LOCATIONS ARE CRITICAL. COORDINATE LOCATIONS SHOWN AS NOT TO COLLIDE WITH LIGHT FIXTURE LOCATIONS.
2. THERMOSTATS SHALL BE PROGRAMMABLE THERMOSTAT WITH SQUARE RANGE AND REMOTE HUMIDITY SENSORS (PROVIDED WITH TRANE PACKAGES).
3. HUMIDITY SENSOR APPLICATION IS VARIABLE PER SITE SPECIFIC CONDITIONS.
4. COORDINATE DUCTWORK LOCATIONS WITH LIGHTING AND STRUCTURAL.

- 1-12x12 EXHAUST AIR DUCT UP THROUGH ROOF TO EFF-2.
- 2-SEE DETAIL 8 ON DRAWING M4.0 FOR SUPPLY AIR TAKE-OFF TO CEILING DIFFUSERS.
- 3-RETURN OR EXHAUST AIR TAKE-OFFS SHALL BE SIMILAR.
- 4-34x18 SUPPLY AIR DUCT UP. CONNECT TO SUPPLY AIR PLENUM AT ROOFTOP UNIT RLU1.
- 5-34x18 RETURN AIR DUCT UP. CONNECT TO RETURN AIR PLENUM AT ROOFTOP UNIT RLU1.
- 6-34x18 RETURN AIR DUCT UP. CONNECT TO RETURN AIR PLENUM AT ROOFTOP UNIT RLU2.
- 7-34x18 RETURN AIR DUCT UP. CONNECT TO RETURN AIR PLENUM AT ROOFTOP UNIT RLU2.
- 8-FURNISH AND INSTALL SNAKE DETECTOR IN THE RETURN AIR DUCT. IN ACCORDANCE WITH LOCAL CODES. DUCT SNAKE DETECTOR WIRED BY ELECTRICAL CONTRACTOR. SEE SHEET E32.
- 9-HUMIDITY SENSOR (REMOTE). HUMIDITY SENSOR LOCATION SHALL BE PLACED IN RETURN AIR DUCTWORK. VERIFY EXACT LOCATION. SEE RMA.0.
- 10-LOCATE THERMOSTAT CONTROLS ON WALL IN OFFICE AT 48" A.F.F. COORD LOCATION WITH LIGHT SWITCHES.
- 11-MOUNT THERMOSTAT REMOTE SENSOR AT 60" ABOVE FINISHED FLOOR.
- 12-UNDERCUT RESTROOM DOORS AND OFFICE DOOR MIN. 3/4" FOR MAKE-UP AIR. NOT USED.

- 13-RUN DUCT THROUGH OPEN WEIRING OF ROOF JOISTS (WHERE POSSIBLE). COORDINATE WITH TRUSS DESIGN PRIOR TO DUCTWORK FABRICATION.
- 14-RUN DUCTWORK BETWEEN JOISTS AS HIGH AS POSSIBLE UNDER ROOF JOISTS.
- 15-NOT USED.
- 16-10X10 EXHAUST AIR DUCT DOWN AND TRANSITION TO RFD CUT EXHAUST CONNECTION AT HOOD. EXHAUST DUCT SHALL RUN BETWEEN ROOF JOISTS TO DETAIL 18 ON SHEET M4.0 FOR FIRE PROTECTION OF DUCT WORK. SEE DETAIL 18 ON SHEET M4.0 FOR EXHAUST DUCT TRANSITION.
- 17-EXHAUST DUCTWORK RUN UP BETWEEN ROOF JOISTS AND THROUGH OPEN WEIRING (IF NEEDED) TO EFF-1.
- 18-FURNISH AND INSTALL 3" PVC WATER HEATER INTAKE AND FLEE VENT TERMINATION ON ROOF. COORDINATE WORK WITH ALL TRADES.
- 19-NEW SMOKE DETECTOR RESET SWITCH WITH KEY (MFR. IS SYSTEM SENSOR MODEL # R75151 KEY MOUNT NEXT TO THERMOSTATS @ 48" A.F.F. - INSTALL PER MFR. SPECIFICATIONS).
- 20-ACCESS OPENING TO SPACE ABOVE WALK-IN. SEE SHEET A7.1.
- 21-AIR TRANSFER GRILLS. SEE SECTION B9 ON SHEET A5.2.

NOT USED

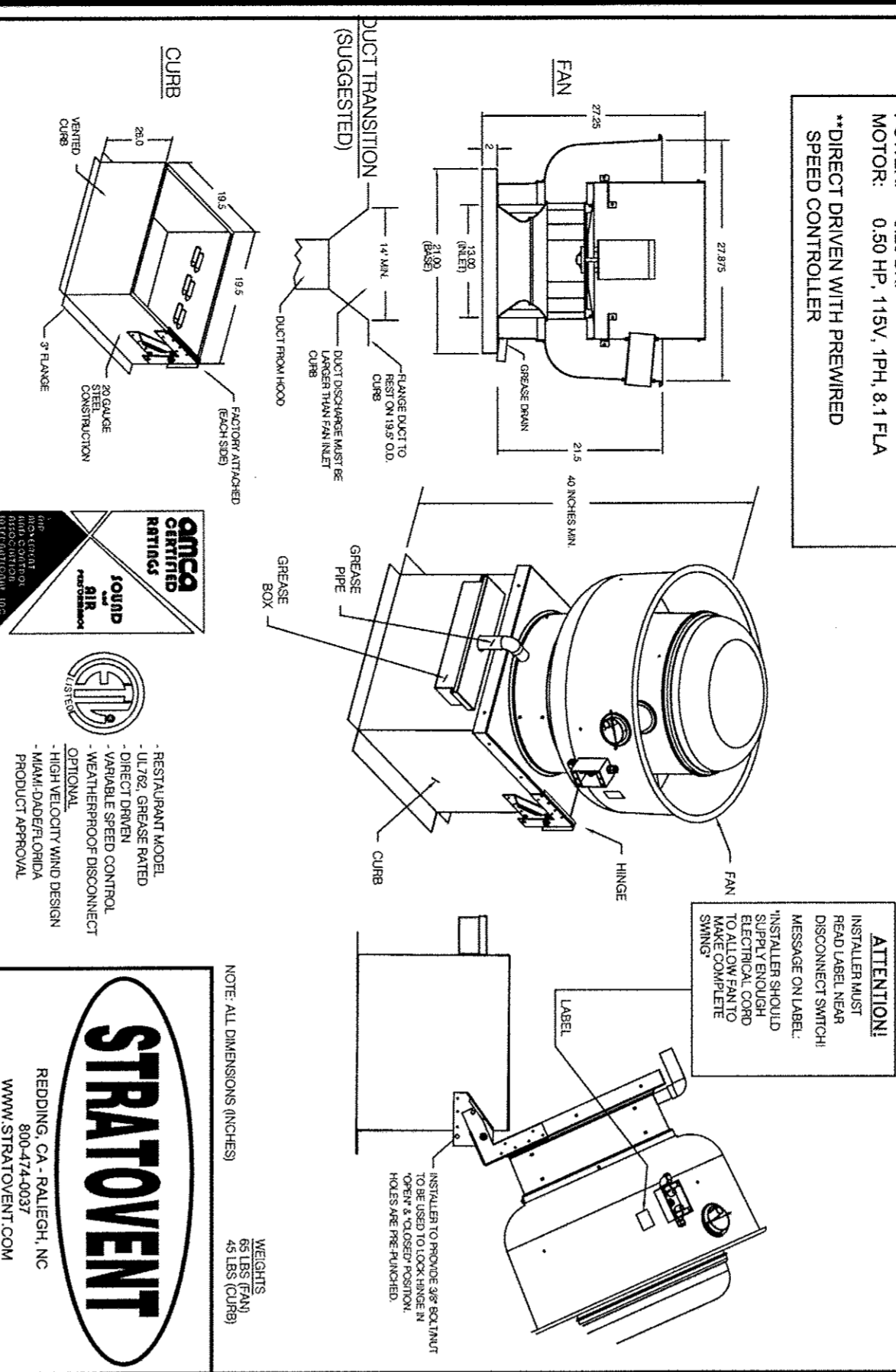
GENERAL NOTES

KEY NOTES

1-04-16

STRATOVENT UL-762 EXHAUST FAN
6'-3" LONG TACO BELL HOOD

BE-1 PERFORMANCE DATA:
 MODEL: STRATOVENT SVDJ20
 FAN RPM: 1347 CHL 0.9" STATIC PRESSURE
 POWER: 0.28 BHP
 MOTOR: 0.20 HP, 115V, 1PH, 8.1 FLA
 *DIRECT DRIVEN WITH PREMIUM SPEED CONTROLLER

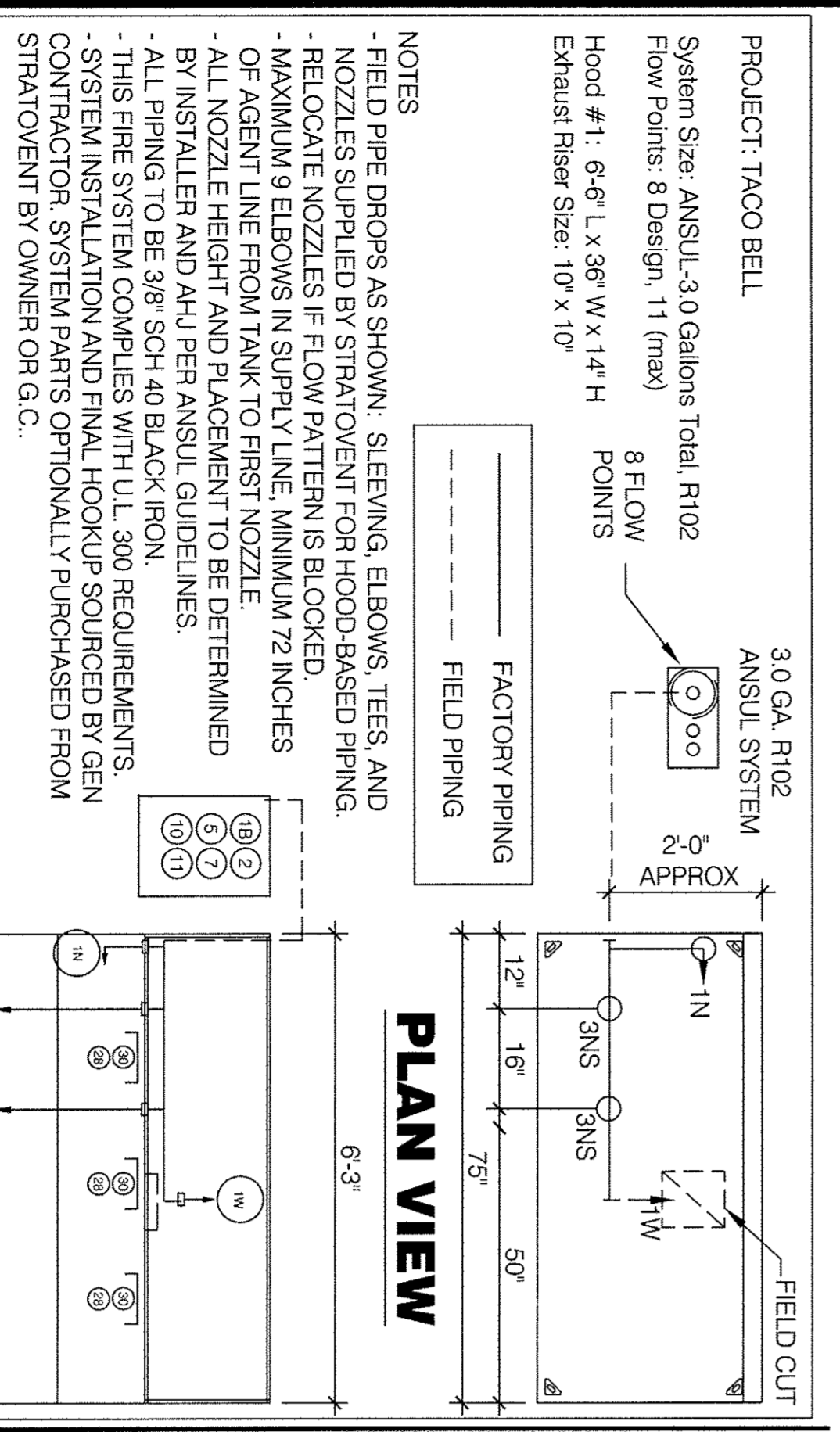


ATTENTION!
 INSTALLATION INSTRUCTIONS RECOMMEND SWITCH WIRING ON LABEL MOUNTED ON LABEL WITH ELECTRICAL CONNECTIONS TO MATCH WIRING TO MOTOR WIRING

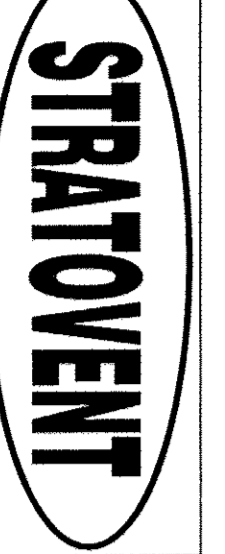


STRATOVENT
 REDDING, CA, RALEIGH, NC
 WWW.STRATOVENT.COM

TACO BELL HOOD FIRE SUPPRESSION SYSTEM PLAN N.T.S. **14**



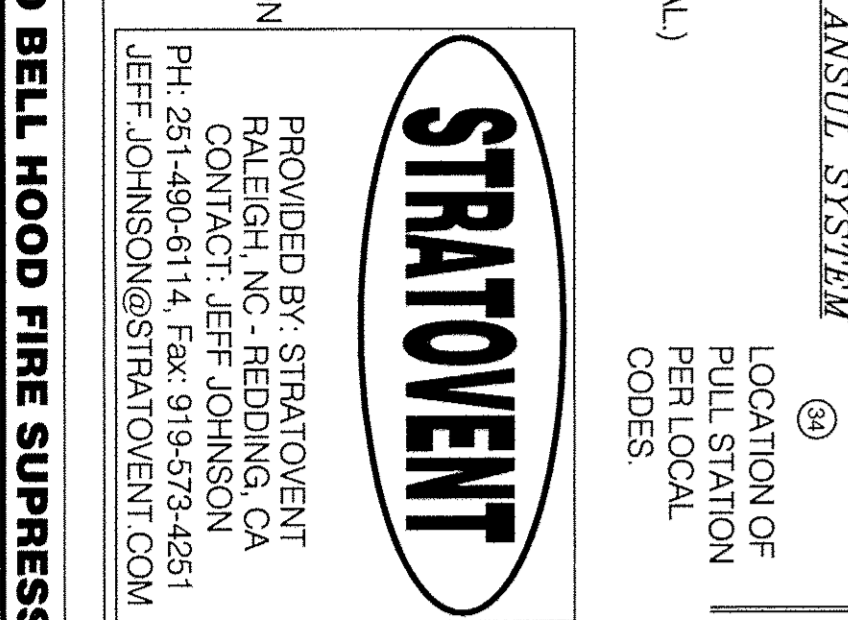
NOTES
 - FIELD PIPE DROPS AS SHOWN. SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY STRATOVENT FOR HOOD-BASED PIPING.
 - RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED.
 - MAXIMUM 9 ELBOWS IN SUPPLY LINE, MINIMUM 72 INCHES OF AGENT LINE FROM TANK TO FIRST NOZZLE.
 - ALL NOZZLE HEIGHT AND PLACEMENT TO BE DETERMINED BY INSTALLER AND AHJ PER ANSUL GUIDELINES.
 - ALL PIPING TO BE 3/8" SCH 40 BLACK IRON.
 - THIS FIRE SYSTEM COMPLEES WITH U.L. 300 REQUIREMENTS.
 - SYSTEM INSTALLATION AND FINAL HOOKUP SOURCED BY GEN CONTRACTOR. SYSTEM PARTS OPTIONALLY PURCHASED FROM STRATOVENT BY OWNER OR G.C.



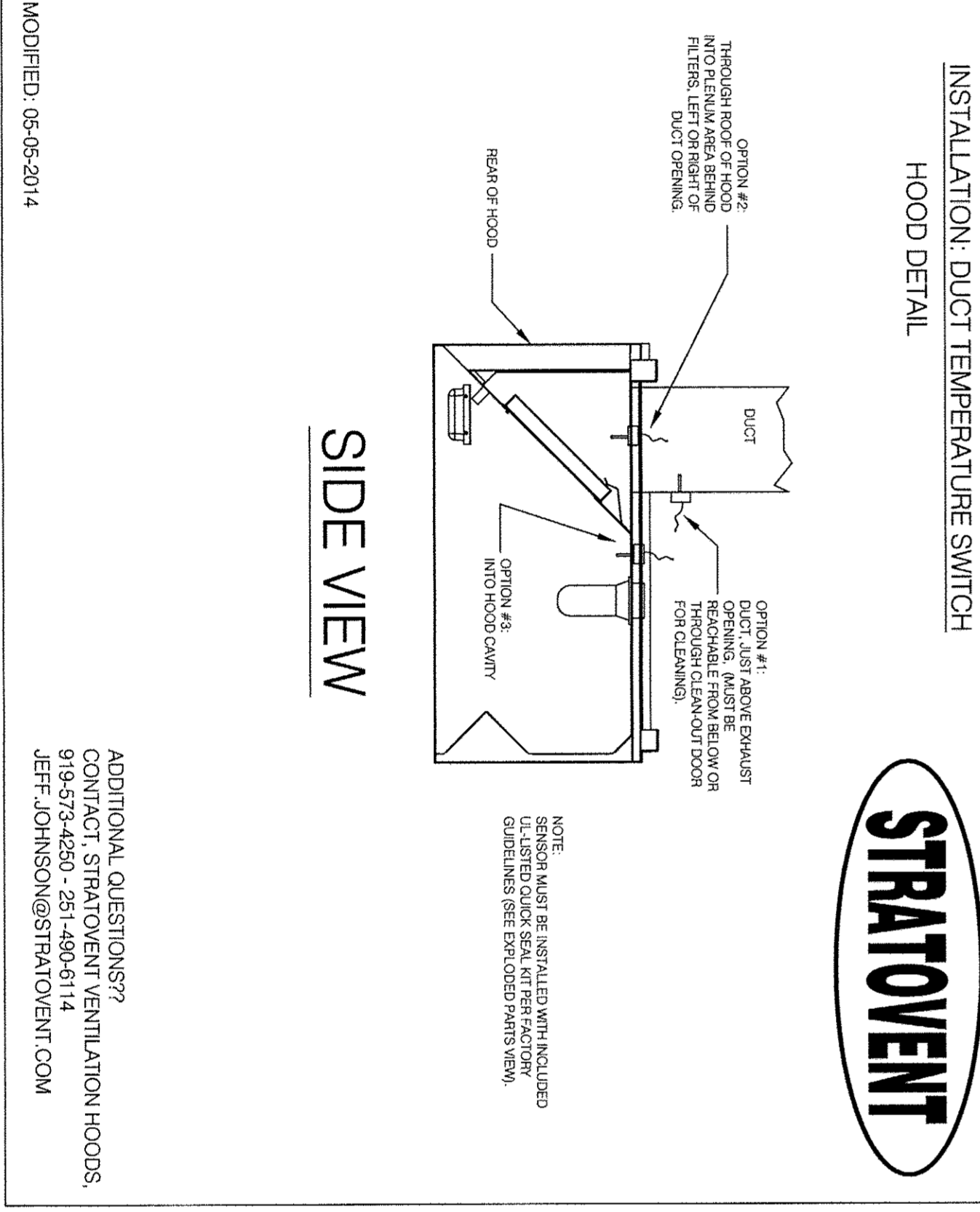
PROVIDED BY: STRATOVENT
 RALEIGH, NC - REDDING, CA
 CONTACT: JEFF JOHNSON
 PH: 251-490-6114, Fax: 919-573-4251
 JEFF.JOHNSON@STRATOVENT.COM

TACO BELL HOOD FIRE SUPPRESSION SCHEDULE N.T.S. **16**

- LEGEND - WALL MOUNTED ANSUL SYSTEM**
- 1B 3.0 GALLON TANK
 - 2 AUTOMAN RELEASE
 - 5 ANSULX LIQUID AGENT (3.0 GAL.)
 - 7 CARTRIDGE (101-20)
 - 10 TEST LINK
 - 11 DOUBLE MICROSWITCH
 - 1W NOZZLE ASSEMBLY (419336)
 - 1N NOZZLE ASSEMBLY (419335)
 - 28 NOZZLE ASSEMBLY (419338)
 - 30 DETECTOR BRACKET
 - 30 HIGH TEMP FUSIBLE LINK
 - Mgv MECHANICAL GAS VALVE
 - 34 REMOTE MANUAL PULL STATION
 - S SWIVEL ADAPTOR

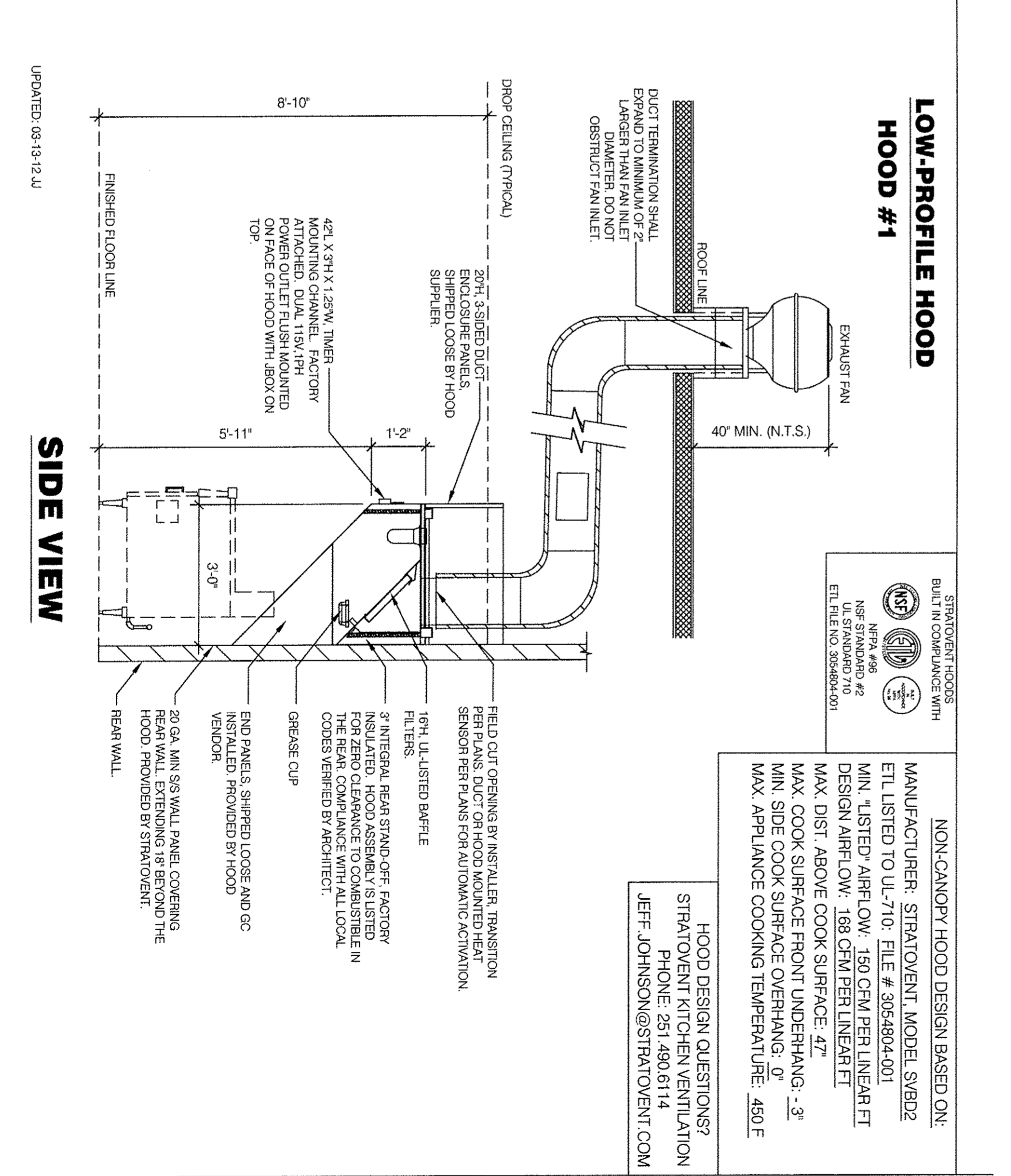


HEAT SENSOR LOCATION N.T.S. **12**



ADDITIONAL QUESTIONS??
 CONTACT: STRATOVENT VENTILATION HOODS,
 919-573-4250 - 251-490-6114
 JEFF.JOHNSON@STRATOVENT.COM

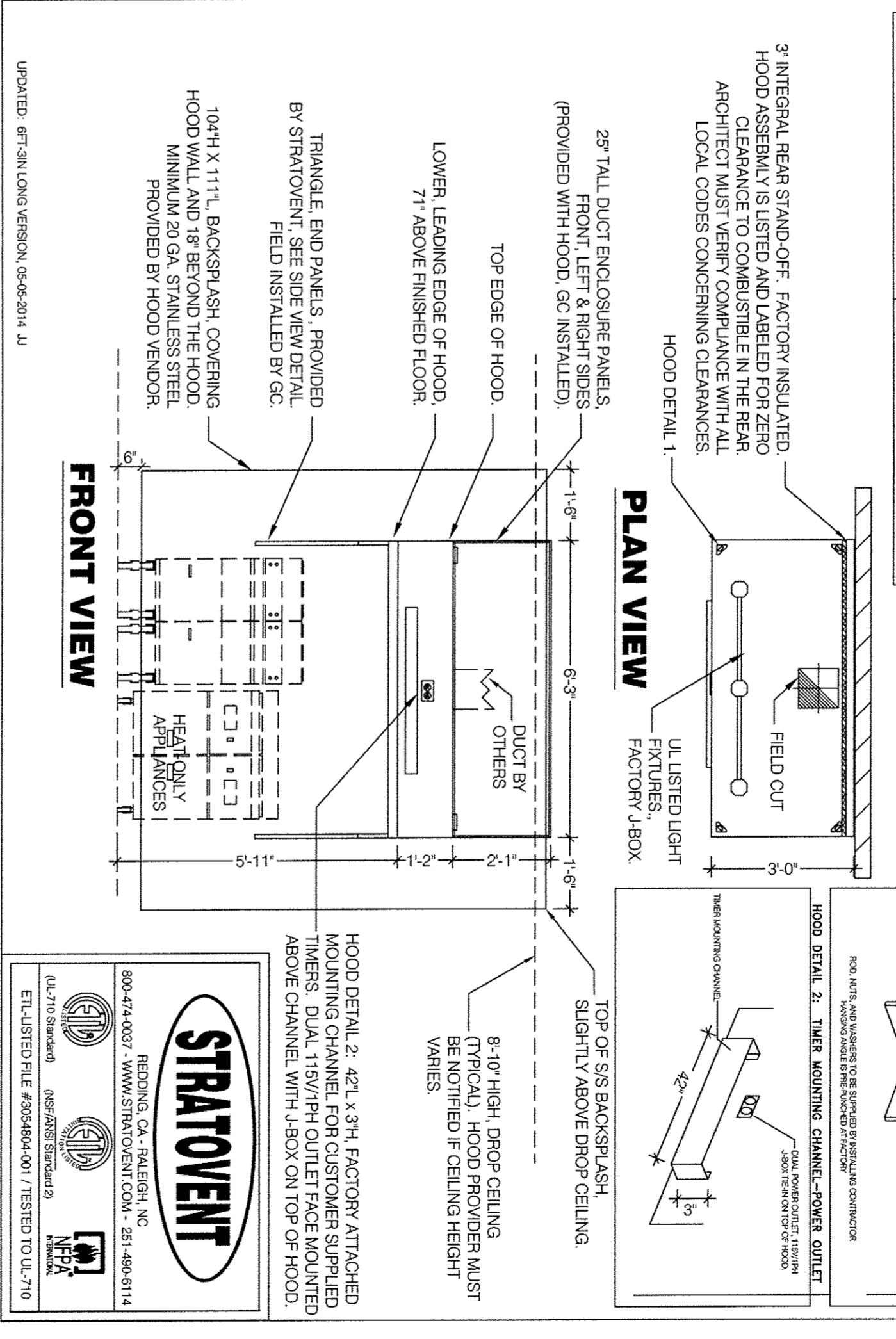
TACO BELL HOOD SECTION 1/2" = 1'-0" **4**



NON-CANOOPY HOOD DESIGN BASED ON:
 MANUFACTURER: STRATOVENT, MODEL: SVD2
 ETL LISTED TO UL-710, FILE # 3054804-001
 MIN. LISTED AIRFLOW: 150 CFM PER LINEAR FT DESIGN AIRFLOW: 188 CFM PER LINEAR FT
 MAX. DIST. ABOVE COOK SURFACE: 42"
 MAX. COOK SURFACE FRONT UNDERHANG: 3"
 MIN. SIDE COOK SURFACE OVERHANG: 0"
 MAX. APPLANCE COOKING TEMPERATURE: 450°F

HOOD DESIGN QUESTIONS??
 STRATOVENT VENTILATION HOODS
 PHONE: 251-490-6114
 JEFF.JOHNSON@STRATOVENT.COM

TACO BELL HOOD DETAIL N.T.S. **2**



DESIGN NOTES:
 - STRATOVENT HOODS ARE ETL LISTED TO UL-710 STANDARDS, 3054804-001
 - MODEL SVD2 IS A NON-CANOOPY HOOD. LISTED VALUES ARE UTILIZED FOR HOOD DESIGN. ALL HOODS ARE DESIGNED TO MEET ALL LOCAL CODES PER NFPA-1820 GAUGE MINIMUM. SEE EXPOSED SURFACES PER NFPA-1820 GAUGE MINIMUM. SEE EXPOSED SURFACES PER NFPA-1820 GAUGE MINIMUM.
 - HOOD IS PREPARED FOR ANSUL SYSTEM INSTALL BY OTHERS.
 - INSTALLER TO REVIEW E60 SHEET FOR HOOD AND FAN WIRING. NO CONTACTOR OR CONTROL BOX IS FURNISHED WITH HOOD, UNLESS SOURCED DIRECT FROM STRATOVENT BY INSTALLER.

HOOD DETAIL 1: COVER HANGING ANGLE (A) TR. PER HOOD:
 30° FOR ALL HOODS
 45° FOR HOODS WITH 18" X 18" SUPPLY SIZE
 60° FOR HOODS WITH 10" X 10" SUPPLY SIZE

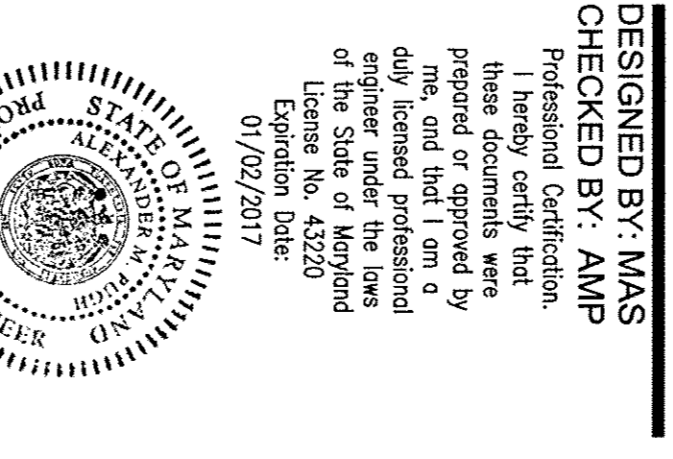
HOOD DETAIL 2: 1/2" THICK MOUNTING CHANNEL-DROVE OUTLET:
 1/2" THICK MOUNTING CHANNEL-DROVE OUTLET
 1/2" THICK MOUNTING CHANNEL-DROVE OUTLET
 1/2" THICK MOUNTING CHANNEL-DROVE OUTLET



LIVE MAS
 MEMPHIS - MODIFIED
 1300 HOLLISTON LANE
 TAKOMA PARK, MD 20912

DATE: JULY 15, 2015
 BUILDING TYPE: MED-40/MOD
 PLAN VERSION: JUNE 2015
 ENTRY NUMBER: _____

ADDRESS CHANGE: 01.04.2016
 15025.000



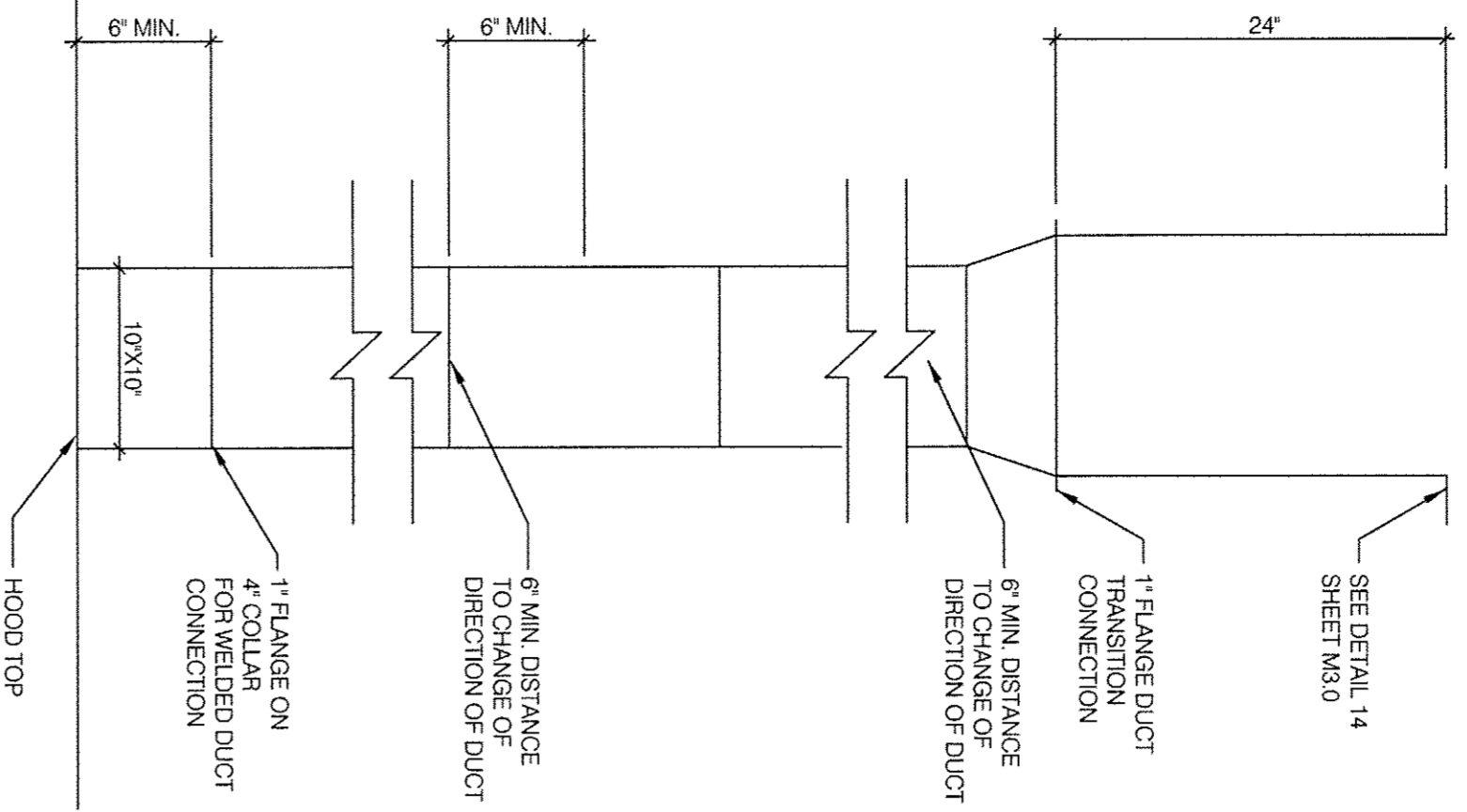
DESIGNED BY: MMS
CHECKED BY: AMP
 Professional Certification:
 I hereby certify that these documents were prepared by me, and I am a duly licensed professional engineer under the laws of the State of Maryland.
 Expiration Date: 01/02/2017

DA/PROJECT: 15002.26

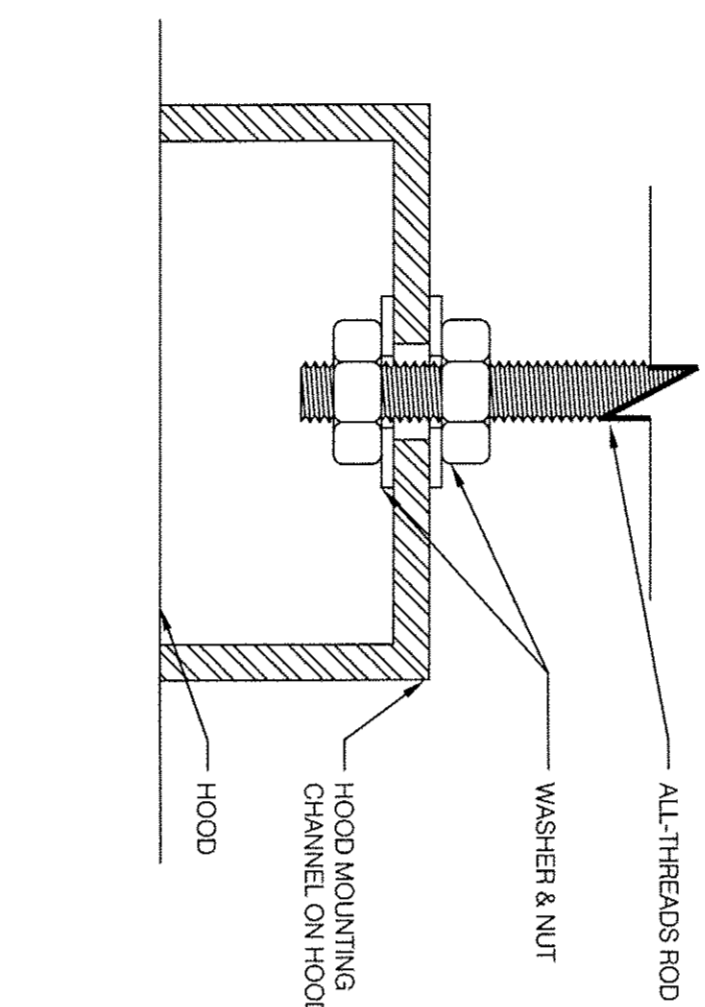
DEVITA & ASSOCIATES
 PO Box 1586
 Greenville, SC 29602
 Phone: 864-232-6642
 FAX: 864-242-4878
 E-Mail: Comp@devita.com



MARK D. MCCLUGGAGE AIA, CCS
 1525 E. Douglas Wichita, KS 67211
 Tel: (316) 265-9367
 Fax: (316) 265-5646
 www.glmv.com

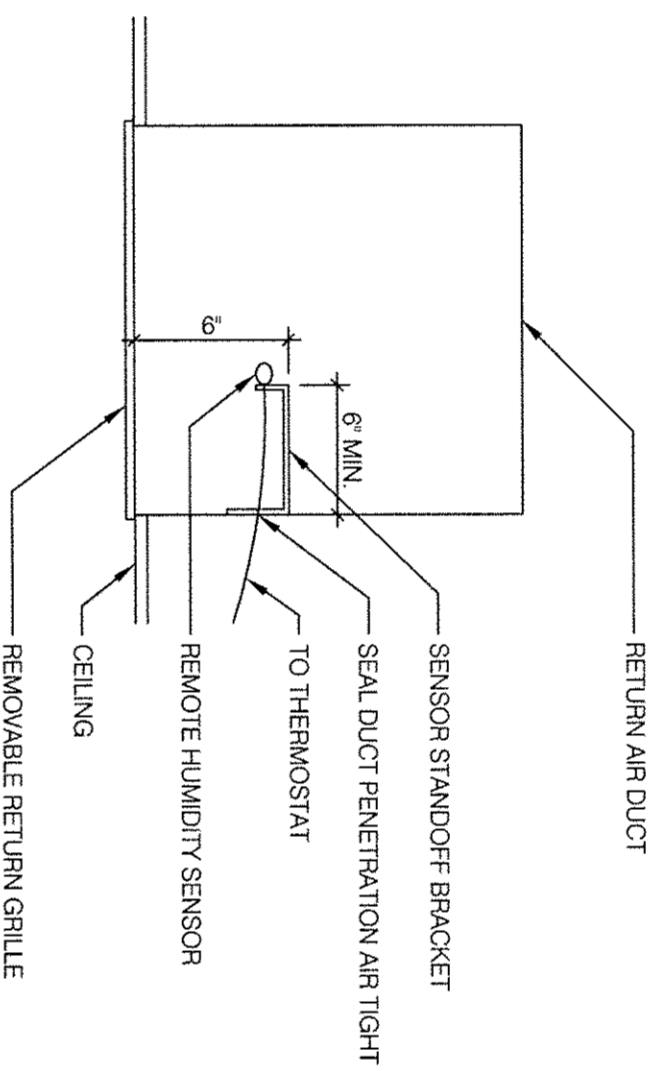


13 NOT USED



14 BOLT CONNECTION TO HOOD N.T.S.

YMC001



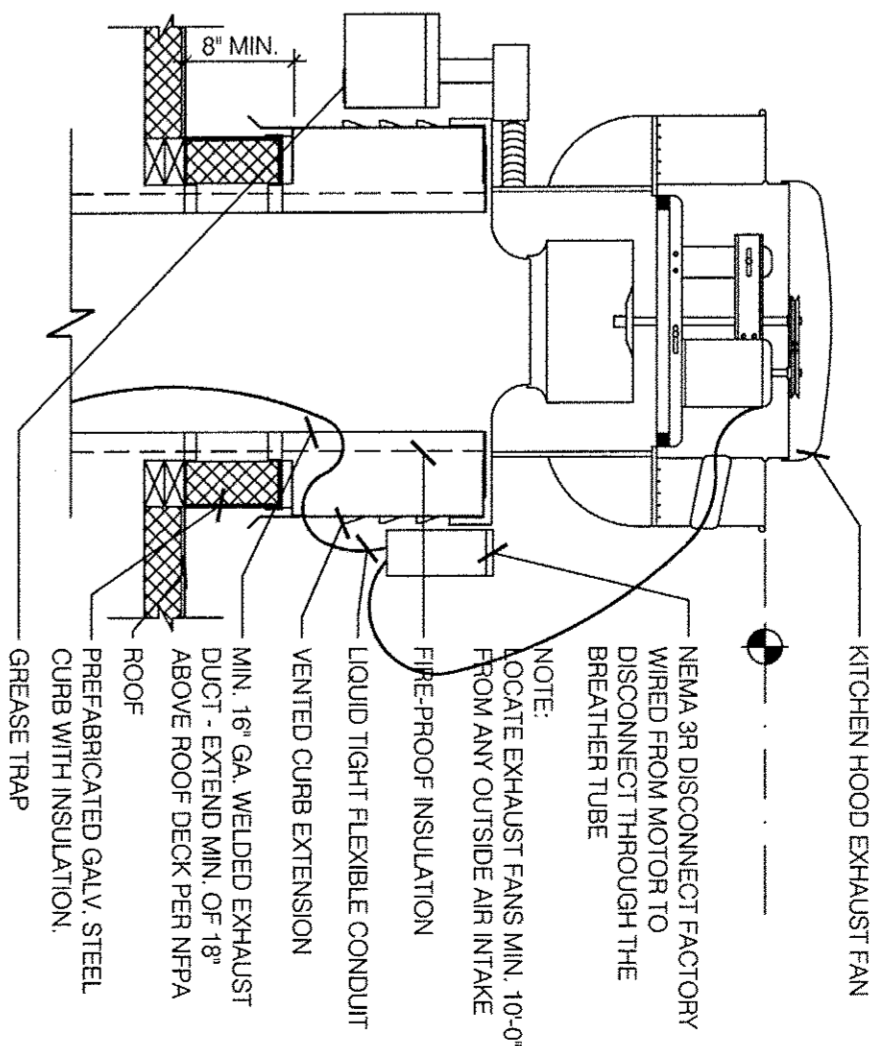
9 REMOTE HUMIDITY SENSOR N.T.S.

YMF009



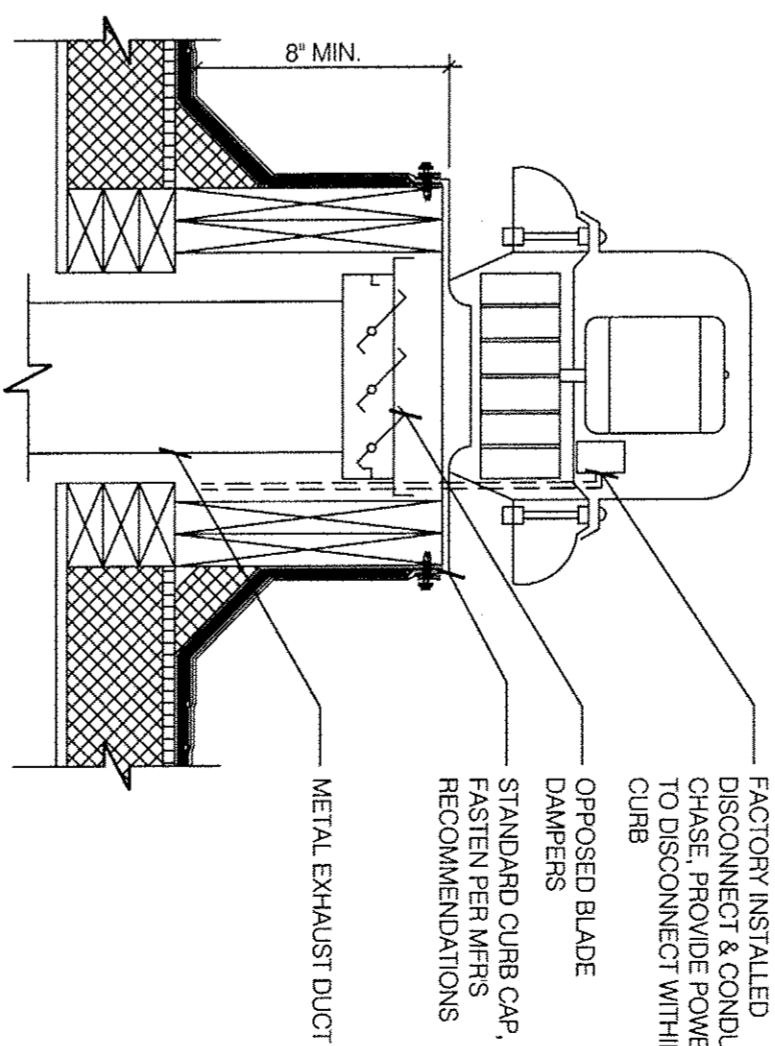
5 NOT USED

YMR002



1 EXHAUST FAN EF-1 N.T.S.

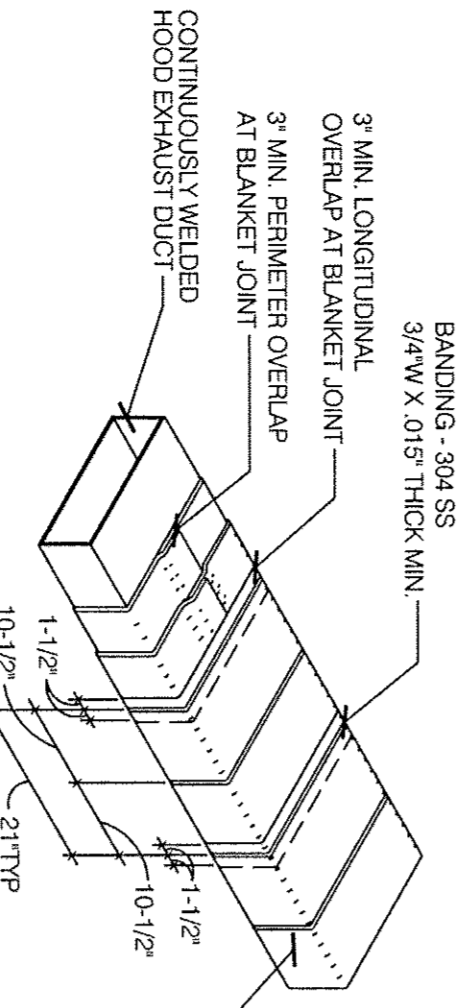
YMR002



2 RESTROOM FAN (EF-2) N.T.S.

YMR002

18 TB HOOD DUCT TRANSITION N.T.S.

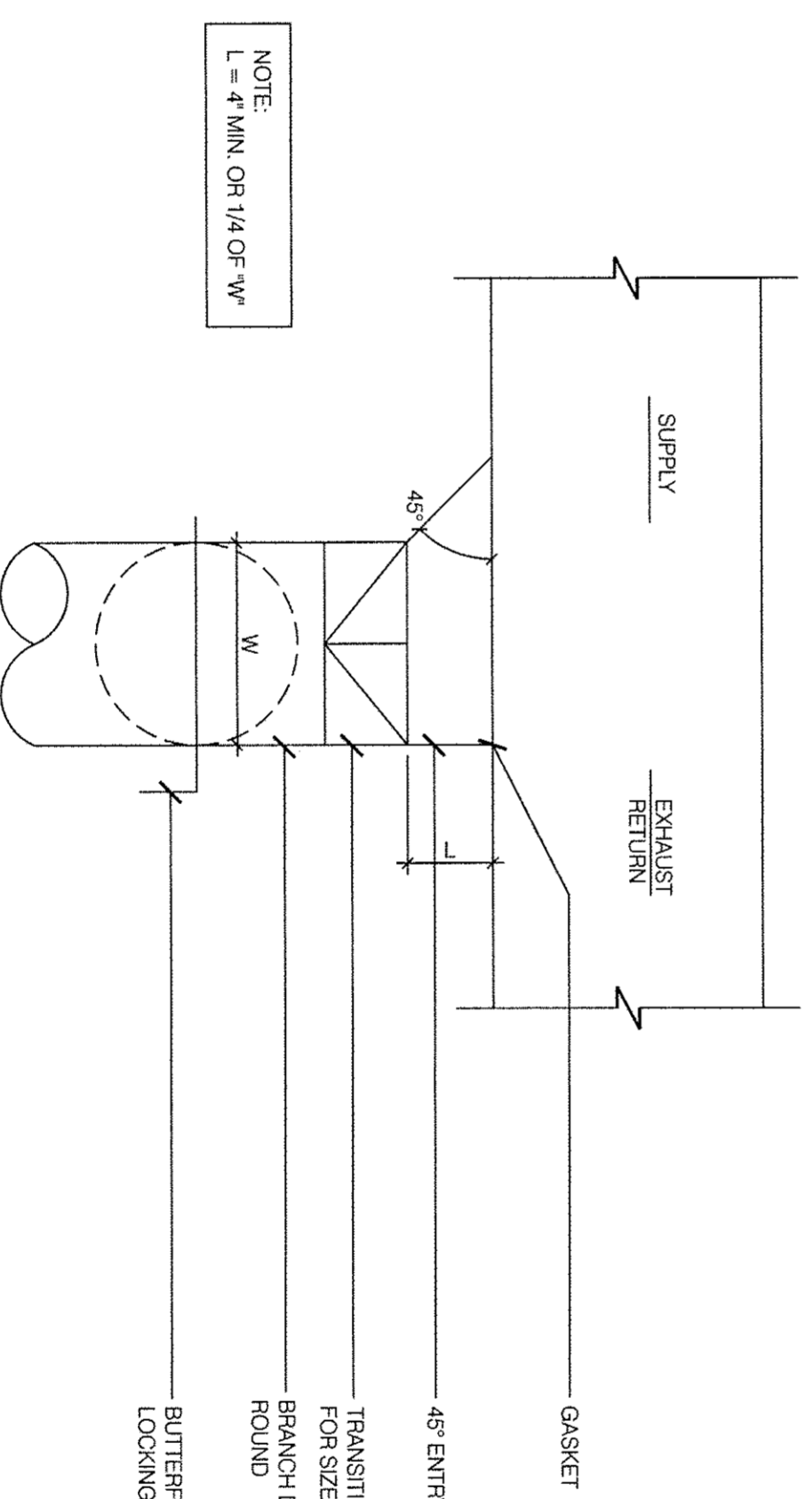


BANDING REQUIREMENTS: USE 304 STAINLESS STEEL BANDS A MAXIMUM 1-1/2\"/>

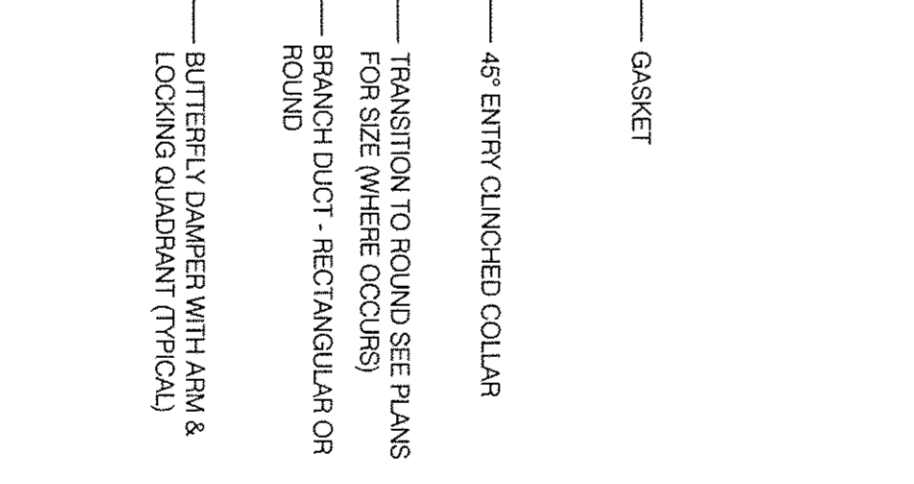
- NOTES:
1. WRAP GREASE DUCT CONTINUOUS AS SHOWN FROM CONNECTION AT FAN THROUGH CURB AND EXTEND 18\"/>
 - 2. TYPICAL TRAPEZE SUPPORT SYSTEM WITH 1/2\"/>
 - 3. SLOPE HORIZONTAL EXHAUST DUCT RUNS A MAXIMUM OF 1/4\"/>
 - 4. PROVIDE INSULATED ACCESS DOOR OR PANEL NEAR END POINT OF EXHAUST DUCT. PROVIDE AN APPROVED SIGN ON ACCESS DOOR OR PANEL WHICH READS \"ACCESS PANEL DO NOT OBSTRUCT\".

15 KITCHEN HOOD EXHAUST DUCT SYSTEM DETAIL N.T.S.

10 NOT USED



6 NOT USED



6 NOT USED

2 RESTROOM FAN (EF-2) N.T.S.

YMR002

15025.000

ADDRESS CHANGE 01/04/2016

DATE	JULY 15, 2015
BUILDING TYPE	MED-40/MCDD
PLAN VERSION:	JUNE 2015
SITE NUMBER:	
EMTY NUMBER:	

1300 HOLLON LANE
TAKOMA PARK, MD 20912



MECHANICAL AND HOOD DETAILS

M4.0

1300 HOLLON LANE
TAKOMA PARK, MD 20912

MARK D. MCCLUGGAGE AIA, CCS
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Phone: 864-232-6642
FAX: 864-242-4878
E-Mail: Comp@devitale.com
DAI PROJECT: 15002-28

DESIGNED BY: MMS
CHECKED BY: AMP
Professional Certification. I hereby certify that these documents were prepared and that I am a duly licensed professional engineer under the laws of the State of Maryland License No. 25220 Expires 06/30/2017

HOOD NOTES AND SPECS (TYP.)

1. Hoods shall be constructed of minimum 20 gauge stainless steel with # 3 1/2 gauge aluminum steel.
2. UL classified aluminum or stainless steel built-in type filters shall be gasketed to the hood and shall be removable stainless steel grease cup.
3. UL listed and NSF approved vapor proof recessed-type light fixtures pre-wired to junction box at top of hood in accordance with NEC 70.
4. Pre-piped for suppression systems shall be located on the top of the location of all nozzles and the suppression drops to be easily removed and inspected.
5. Hoods shall be fabricated in accordance with NFPA 96, Article 4.4 and shall bear the NSF seal of approval. Hoods shall be fabricated UL 710 EXHAUST HOODS FOR COMMERCIAL COOKING EQUIPMENT. Certified by ETL under FILE# 3054804-001.

THIS HOOD DESIGN IS BASED UPON:
STRATTONVENT, MODEL S/M2D, MANUFACTURED BY:
STRATTONVENT VENTILATION HOODS
PALEIGH, NC 27916
CONTACT: JEFF JOHNSON, 251-60-9114

NSI

NPA
International

1300 HOLLON LANE
TAKOMA PARK, MD 20912

M4.0

1300 HOLLON LANE
TAKOMA PARK, MD 20912

GREASE WASTE LOAD CALC.				
MARK	FIXTURE/EQUIPMENT	QUANTITY	WASTE	
			WASTE F.U. PER FIXTURE	TOTAL F.U.
FD-1	FLOOR DRAIN	5	6.0	30.0
FS-1	FLOOR SINK	3	8.0	24.0
FS-2	FLOOR SINK	1	8.0	8.0
S-1	HAND SINK	3	2.0	6.0
S-2	MOP SINK	1	3.0	3.0
TOTALS				71.0

MAXIMUM WASTE DEMAND AT 71.0 D.F.U. = 4" GREASE WASTE

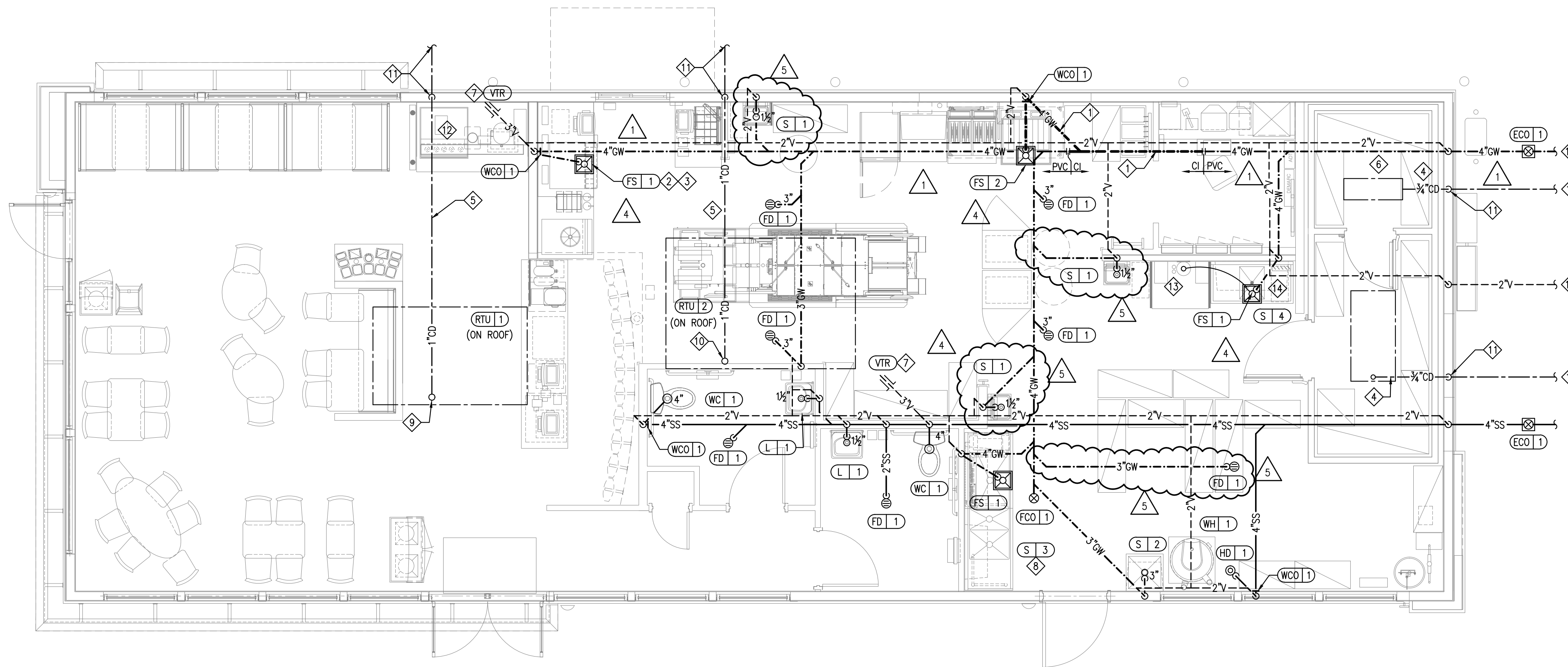
SANITARY SEWER LOAD CALC.				
MARK	FIXTURE/EQUIPMENT	QUANTITY	WASTE	
			WASTE F.U. PER FIXTURE	TOTAL F.U.
FD-1	FLOOR DRAIN	2	6.0	12.0
HD-1	HUB DRAIN	1	6.0	6.0
WC-1	ADA WATER CLOSET	2	6.0	12.0
L-1	LAVATORY	2	2.0	4.0
TOTALS				34.0

MAXIMUM WASTE DEMAND AT 34.0 D.F.U. = 4" SANITARY SEWER WASTE

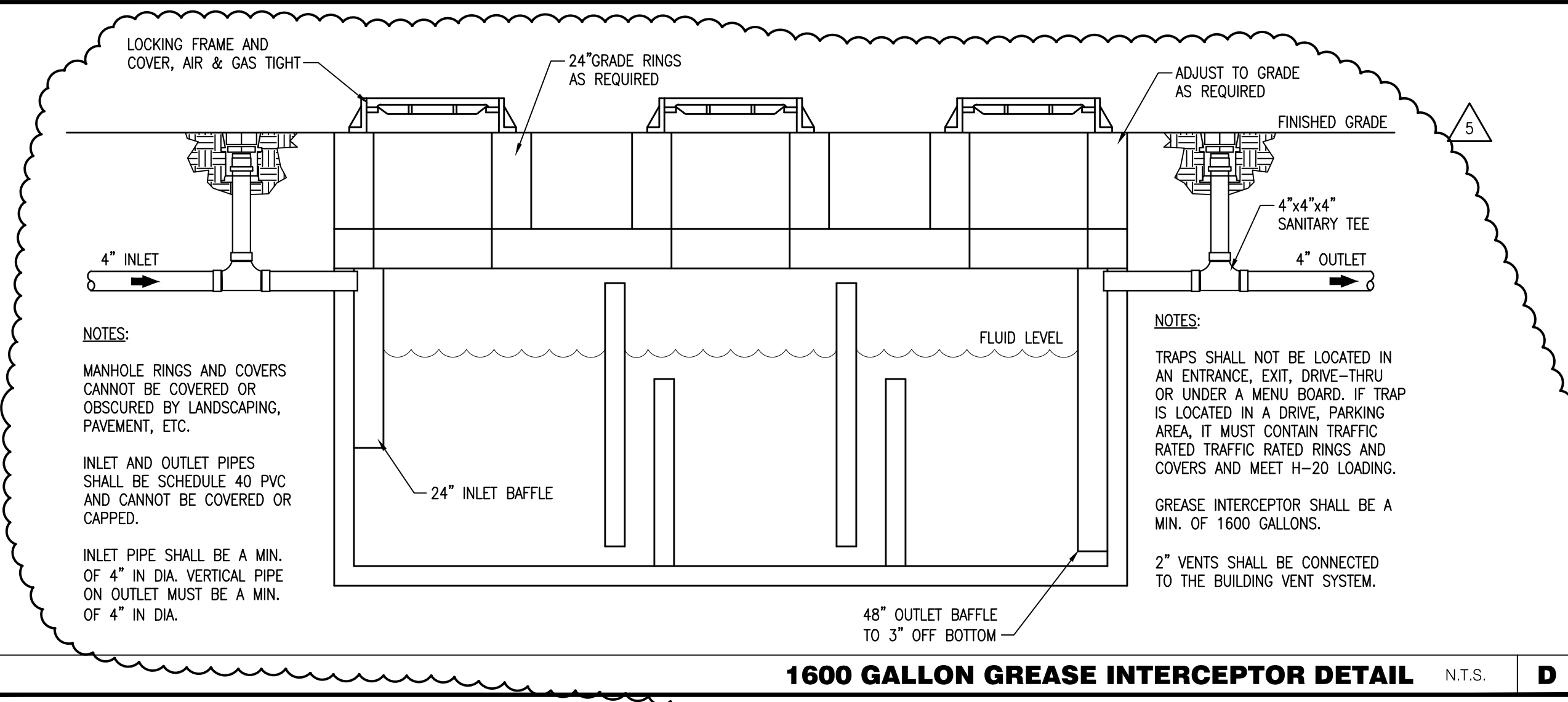
GREASE INTERCEPTOR SIZING

DFU'S	INTERCEPTOR VOLUME GALS.
8	500
21	750
35	1000
90	1250
172	1500
216	2000
307	2500
342	3000
428	4000
576	5000

CONTRACTOR SHALL INSTALL A MINIMUM 1600 GALLON GREASE INTERCEPTOR. SIZE AND INSTALLATION BASED ON 2006 UNIFORM PLUMBING WITH 2015 WASHINGTON SUBURBAN SANITARY COMMISSION PLUMBING AND FUEL GAS CODE.



WASTE & VENT PLAN 1/4"=1'-0" A



1600 GALLON GREASE INTERCEPTOR DETAIL N.T.S. D

- WASTE & VENT PLAN NOTES C**
- NOTIFY GENERAL CONTRACTOR OF PENETRATIONS THROUGH ROOF MEMBRANE. REFER TO ROOF PLAN FOR LOCATIONS.
 - REFER TO RISER DIAGRAM ON SHEET P5.0 FOR ALL WASTE AND VENT SIZES.
 - SEE ARCHITECTURAL PLANS FOR DOWNSPOUT LOCATIONS.
 - VERIFY WITH THE LOCAL BUILDING AUTHORITY THAT CONDENSATE DRAINAGE CAN BE ROUTED TO THE MOP SINK.

- UNDERGROUND GREASE WASTE PIPE SHALL BE HUB CAST IRON PIPE FOR THE FIRST 10 FEET FROM CONNECTION TO FLOOR SINK FS-2, OUTWARD.
- PROVIDE CONDENSATE LINE AND DRAIN LINE FROM ICE MACHINE TO FLOOR SINK, PROVIDE AIR GAP PER LOCAL CODE.
- PROVIDE WASTE LINES FROM BEVERAGE UNIT TO FLOOR SINK, PROVIDE AIR GAP PER LOCAL CODE.
- PROVIDE 3/4" COPPER CONDENSATE FROM COOLER/FREEZER EVAPORATOR DRAIN PROVIDED BY VENDOR TO OUTFALL TO THE OUTSIDE (HEAT ROPE IS SUPPLIED WITH FREEZER CONDENSATE). PIPE 3/4" DRAIN FROM REVERSE OSMOSIS SYSTEM TO FLOOR SINK.
- COPPER CONDENSATE DRAIN FROM HVAC UNITS ON ROOF, RUN ABOVE CEILING TO DRYWELL. PIPING SHALL SLOPE 1/4" PER FOOT AND SHALL BE INSULATED WITH 1" CLOSED CELLULAR INSULATION. REFER TO RISER DIAGRAM ON SHEET P5.0 FOR PIPE SIZES.
- DRAIN LINES TO INLET OF EXTERIOR GREASE INTERCEPTOR AND OUTLET OF INTERCEPTOR TO CONNECTION AT SANITARY MAIN SHALL BE SCHEDULE 40 PVC DWV OR AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
- 3" VENT UP THROUGH ROOF.
- PIPE WASTE FROM 3-COMPARTMENT SINK TO FLOOR SINK WITH AIR GAP PER CODE. ROUTE DRAIN FROM EACH COMPARTMENT TO FLOOR SINK INDIVIDUALLY.

- 1" CONDENSATE DRAIN DOWN FROM RTU-1. SEE DETAIL 13 ON DRAWING P6.0.
- 1" CONDENSATE DRAIN DOWN FROM RTU-2. SEE DETAIL 13 ON DRAWING P6.0.
- 2" CONDENSATE DRAIN PIPE DOWN TO DRYWELL. IF REQUIRED RUN CONDENSATE PIPING TO EXTERIOR DRYWELL, RETENTION AREA OR STORM SEWER AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION.
- RUN DRAIN LINE FROM S/S DRINK MACHINE THRU WALL OPENING, TO OUTFALL AT FLOOR SINK BENEATH D/T DRINK MACHINE.
- 3/4" DRAIN FOR REVERSE OSMOSIS.
- PIPE WASTE FROM PREP SINK TO FLOOR SINK WITH AIR GAP PER CODE.
- ROUTE TO GREASE INTERCEPTOR. SEE CIVIL DRAWINGS FOR EXACT LOCATION.

KEY NOTES B



DAI PROJECT: 15002-26
DESIGNED BY: MAS
CHECKED BY: AMP
Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland License No. 48910 Expiration Date: 03/03/2018



FOR REVISION 5 ON 15025.000

- ADDRESS CHANGE 01.04.2016
- CIVIL COORDINATION 04.01.2016
- HEALTH DEPT COMMENTS 06.24.2016
- REVISION 5 09/23/2016

DATE: JULY 15, 2015
BUILDING TYPE: MED-40-MOD
PLAN VERSION: JUNE 2015
SITE NUMBER:
ENTITY NUMBER:

1300 HOLTON LANE
TAKOMA PARK, MD 20912



PLUMBING WASTE FLOOR PLAN

P2.0

PLOT DATE: 9-23-16

WATER FIXTURE LOAD CALCULATIONS

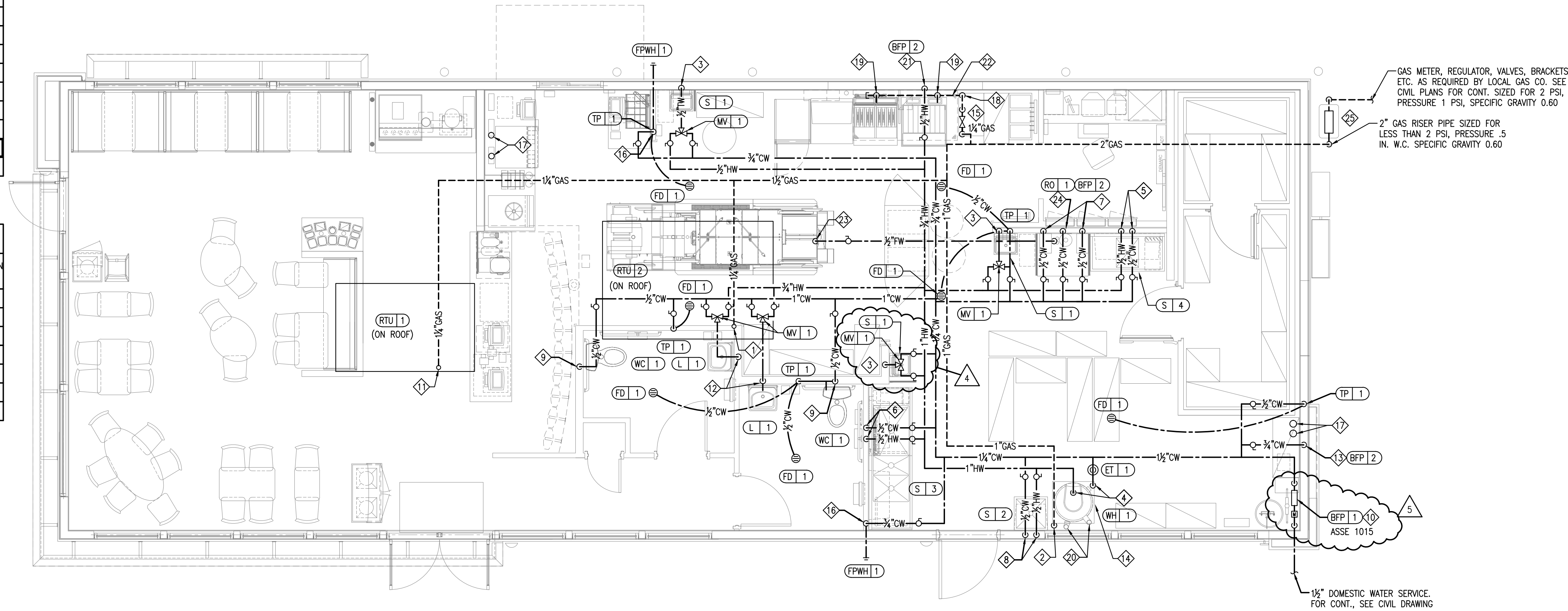
MARK	FIXTURE/EQUIPMENT	QUANTITY	WATER			
			CW F.U. PER FIXTURE	HW F.U. PER FIXTURE	TOTAL WSFU PER TYPE	TOTAL F.U. PER FIXTURE
HWC-1	ADA WATER CLOSET	2	5.0	-	5.0	10.0
L-1	LAVATORY	2	1.5	1.5	2.0	4.0
S-1	HAND SINK	2	1.5	1.5	2.0	4.0
S-2	MOP SINK	1	3.0	3.0	4.0	4.0
S-3	3 COMP. SINK	1	3.0	3.0	4.0	4.0
S-4	PREP SINK	1	1.5	1.5	2.0	2.0
FPWH-1	F.P. WALL HYDRANT	1	3.0	-	3.0	3.0
RETH-1	REETHERMALIZER	1	-	1.0	1.0	1.0
P-450	HOT WATER FILTER	2	1.0	-	1.0	2.0
P-315	REVERSE OSMOSIS	1	1.0	-	1.0	1.0
S-286	WATER FILTER	1	5.0	-	5.0	5.0
TOTALS						40.0

MAXIMUM WATER DEMAND AT 40.0 F.U. = 26.3 GPM = 1 1/2" WATER MAIN SUPPLY

GAS DEMAND LOAD CALCULATIONS

MARK	FIXTURE/EQUIPMENT	QUANTITY	UNIT DEMAND BTUH	TOTAL DEMAND BTUH	TOTAL CFH	CONNECTION PIPE SIZE
RTU-1	ROOFTOP UNIT 1	1	120,000	120,000	120.0	3/4"
RTU-2	ROOFTOP UNIT 2	1	250,000	250,000	250.0	3/4"
C-015	FRYER	1	160,000	160,000	160.0	3/4"
C-105	REETHERMALIZER	1	110,000	110,000	110.0	3/4"
WH-1	WATER HEATER	1	120,000	120,000	120.0	3/4"
TOTAL			760,000	760,000		

2" GAS LINE REQUIRED BASED ON 150'-0" TOTAL LENGTH OF PIPE AT LESS THAN 2 PSI



GAS METER, REGULATOR, VALVES, BRACKETS, ETC. AS REQUIRED BY LOCAL GAS CO. SEE CIVIL PLANS FOR CONT. SIZED FOR 2 PSI, PRESSURE 1 PSI, SPECIFIC GRAVITY 0.60

2" GAS RISER PIPE SIZED FOR LESS THAN 2 PSI, PRESSURE .5 IN. W.C. SPECIFIC GRAVITY 0.60



DEVITA & ASSOCIATES
 PO Box 1596
 Greenville, SC 29602
 Phone: 864-232-6642
 Fax: 864-242-4878
 E-Mail: Corp@devitainc.com

DAI PROJECT: 15002-26
 DESIGNED BY: BOOMAS
 CHECKED BY: AMP
 Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland License No. 48910
 Expiration Date: 03/03/2018

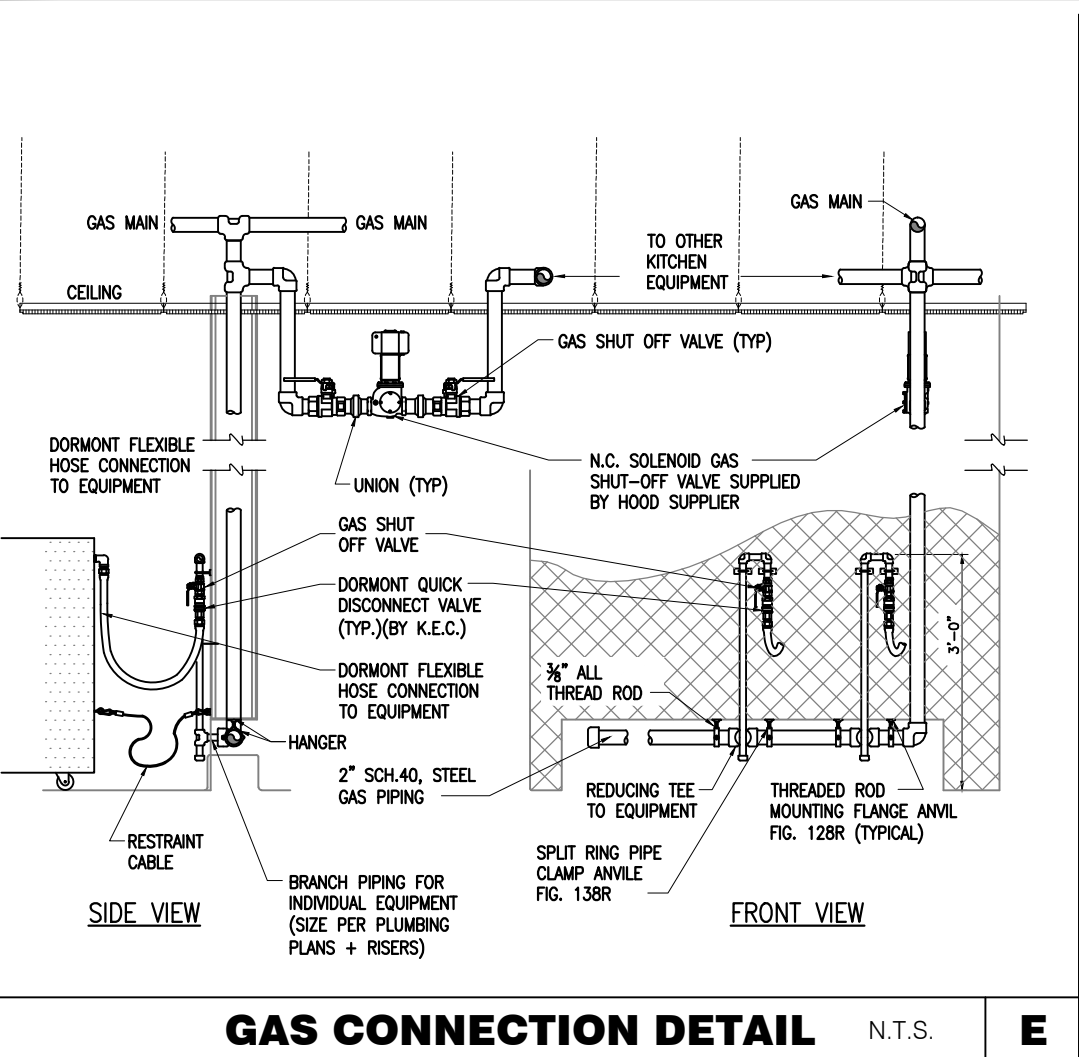


FOR REVISION 5 ON 15025.000

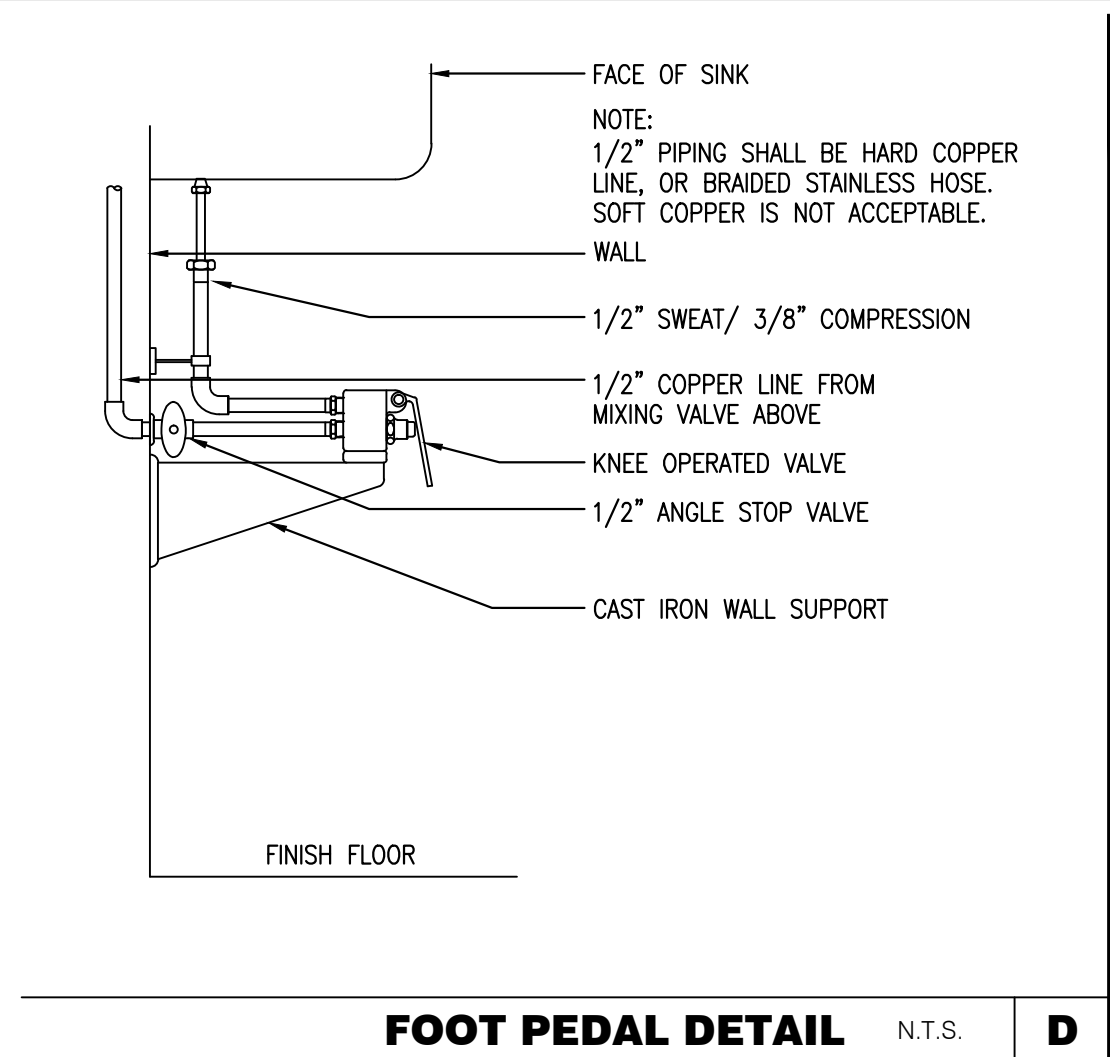
ADDRESS CHANGE	01.04.2016
HEALTH DEPT COMMENTS	06.24.16
REVISION 5	09/23/2016

DATE: JULY 15, 2015
 BUILDING TYPE: MED-40-MOD
 PLAN VERSION: JUNE 2015
 SITE NUMBER:
 ENTITY NUMBER:

WATER & GAS PLAN 1/4"=1'-0" A



GAS CONNECTION DETAIL N.T.S. E



FOOT PEDAL DETAIL N.T.S. D

- WATER & GAS PLAN NOTES C**
- WATER DISTRIBUTION PIPING IS SHOWN ABOVE FINISH CEILING. UNDER SLAB DISTRIBUTION ALLOWED AT CONTRACTOR OPTION. COORDINATE ALL DETAILS.
 - NO ROOF PENETRATIONS PERMITTED WITHIN THE ROOF "WATER VALLEYS", REFER TO ROOF PLAN FOR LOCATIONS.
 - REFER TO SHEET P4.0 FOR ROUGH-IN LOCATIONS.
 - REFER TO SHEET P5.0 FOR WATER AND GAS ISOMETRIC DRAWINGS.
 - FLUSH ALL WATER SUPPLY LINES OF ALL DEBRIS AND IMPURITIES PRIOR TO CONNECTING TO WATER FILTERS.
 - PROVIDE REDUCED PRESSURE BACK FLOW TO SERVE CARBONATOR, DRAIN RELIEF TO FLOOR SINK WITH AIR GAP

- 1 1/4" GAS UP TO RTU-2 WITH DIRT LEG, GAS COCK AND UNION.
- 1" GAS DOWN TO WATER HEATER WITH GAS COCK, DIRT LEG, UNION, AND PAINTED YELLOW.
- 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK.
- 1" HOT AND 1" COLD WATER LINES DOWN TO WATER HEATER.
- 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.
- 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO THREE COMPARTMENT SINK.
- 1/2" COLD WATER 2'-0" A.F.F. CONNECT TO WATER FILTER FOR HOT WATER SYSTEM P-450. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO THE WATER FILTER.
- 1/2" COLD AND HOT WATER DOWN IN THE WALL TO THE MOP SINK.
- 1/2" CW DOWN IN WALL TO WATER CLOSET FLUSHOMETER TANK.
- METER AND REDUCED PRESSURE BACKFLOW PREVENTER PER LOCAL UTILITY REQ'S. PROVIDE SHUT-OFF VALVES AT BOTH SIDES OF METER. PIPE BFP RELIEF TO HUB DRAIN. VERIFY LOCATIONS WITH CIVIL DWGS.
- 1-1/4" GAS UP TO RTU-1 WITH DIRT LEG, GAS COCK, UNION.
- 1/2" TEMPERED WATER LINES DOWN IN WALL TO LAVATORY.
- 3/4 CW DOWN ALONG WALL TO WATER FILTER S-286.
- WATER HEATER (WH-1) PIPE CONDENSATE LINE, T & P DISCHARGE AND DRAIN PAN TO HUB DRAIN. SEE WATER DETAIL 2/P6.0.
- EMERGENCY GAS SHUT-OFF VALVE LOCATED BELOW CEILING.

- 3/4" CW DOWN IN WALL TO EXTERIOR HOSE BIBB.
- BUNDLED SYRUP LINES TO BEVERAGE DISPENSERS S-284 & S-285 AND FILTERED WATER LINES TO ICE MAKERS S-513 AND FROZEN BEVERAGE DISPENSER S-543. SEE DRAWINGS A2.0 AND P5.0.
- 1-1/4" GAS DOWN ALONG WALL TO TACO BELL COOKING EQUIPMENT. VERTICAL GAS PIPING IN WALL SHALL NOT BE RIGIDLY SECURED AND ADEQUATE PIPE PROTECTION SHALL BE PROVIDED.
- 3/4" GAS DIRT LEG W/ GAS COCK TO COOKING EQUIPMENT. PROVIDE FLEXIBLE GAS HOSE KIT FOR CONNECTION TO COOKING EQUIPMENT.
- 3" PVC EXHAUST AND INTAKE FLUES FROM WATER HEATER, PIPE THRU ROOF AS RECOMMENDED BY MANUFACTURER TO LOCATIONS SHOWN ON SHEET M2.0 SEE DETAIL 2/P6.0. SEE M2.0. NOTE 16.
- 1/2" HOT WATER DOWN IN WALL TO TB RETHERMALIZER. PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO RETHERMALIZER.
- RUN GAS PIPE 18" A.F.F. WITH DIRT LEGS FOR GAS HOSE KITS TO COOKING EQUIPMENT. HARD GAS LINE BEHIND COOKING EQUIPMENT SHALL NOT BE MORE THAN 6" MAX. FROM THE WALL SURFACE.
- 1/4" FILTER WATER LINE DOWN IN UTILITY CHASE OF DRY PRODUCTION LINE. PROVIDE SHUT-OFF VALVE ON FW PIPING IN CEILING NEAR CHASE.
- 1/2" COLD WATER TO REVERSE OSMOSIS FILTER P-305 AND 1/2" FILTER WATER FROM REVERSE OSMOSIS FILTER. PROVIDE SHUT-OFF VALVE ON CW PIPE PRIOR TO CONNECTION TO FILTER. SEE DETAIL 9 / P6.0.
- GAS METER REGULATOR VALVES, BRACKETS, ETC. AS REQUIRED BY LOCAL GAS CO. SEE CIVIL DRAWINGS FOR CONTINUATION.

KEY NOTES B

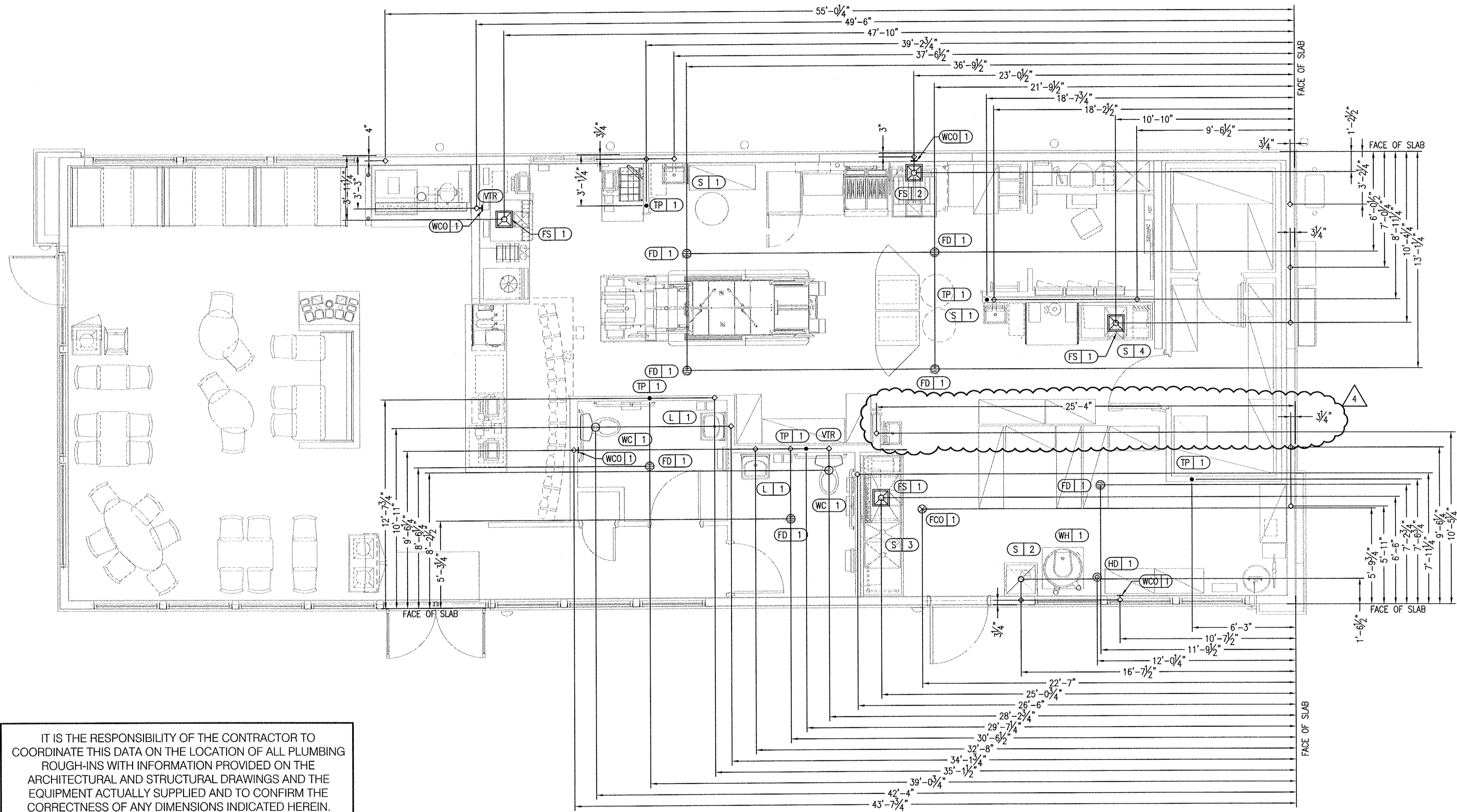
1300 HOLTON LANE
 TAKOMA PARK, MD 20912



PLUMBING WATER & GAS FLOOR PLAN

P3.0

PLOT DATE: 9-23-16



IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS DATA ON THE LOCATION OF ALL PLUMBING ROUGH-INS WITH INFORMATION PROVIDED ON THE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND THE EQUIPMENT ACTUALLY SUPPLIED AND TO CONFIRM THE CORRECTNESS OF ANY DIMENSIONS INDICATED HEREIN.

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 FAX: 864-242-4878
 E-Mail: Corp@devita-inc.com

DAI PROJECT: 15002-26
 DESIGNED BY: MAS
 CHECKED BY: AMP
 Professional Certification.
 I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
 License No. 29285
 Expiration Date: 06/10/2017



FOR REVISION 4 ONLY
 15025.000

- △ ADDRESS CHANGE 01.04.2016
- △ HEALTH DEPT COMMENTS 06.24.16
- △
- △
- △
- △
- △
- △

DATE: JULY 15, 2015
 BUILDING TYPE: MED-40-MOD
 PLAN VERSION: JUNE 2015
 SITE NUMBER: -----
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PLUMBING ROUGH-IN PLAN 1/4"=1'-0" **A**

EQUIP #	EQUIPMENT ITEM	TYPE	ELEVATION	REMARKS	EQUIP #	EQUIPMENT ITEM	TYPE	ELEVATION	REMARKS
FS 1	FLOOR SINK				S 3	3-COMPARTMENT SINK FAUCET	CW/HW	+38" A.F.F.	--
FS 2	FLOOR SINK			EPOXY COATED CAST IRON	S 4	PREP SINK	W	+19" A.F.F.	--
HD 1	HUB DRAIN				S 4	PREP SINK FAUCET	CW/HW	+38" A.F.F.	--
WH 1	WATER HEATER	CW			WCO 1	WALL CLEAN OUT	CI	--	--
WH 1	WATER HEATER	G	+15' A.F.F.						
WC 1	WATER CLOSET FLUSH VALVE	CW	+29" A.F.F.	BOTH HANDICAP AND REGULAR					
UR 1	URINAL FLUSH VALVE	CW	+47" A.F.F.	WALL MOUNTED	S-513	ICE MAKER	FW	-	VIA SYRUP BUNDLE
UR 1	URINAL WASTE STUB	W	+16-1/2" A.F.F.	WALL MOUNTED	C-107	REETHERMALIZER	HW	+8" A.F.F.	
L 1	LAVATORY	TW	+20" A.F.F.		C-107	REETHERMALIZER	G	+12" A.F.F.	
L 1	LAVATORY WASTE LINE	W	+16-1/2" A.F.F.		C-048	DOUBLE OPEN FRYER	G	+12" A.F.F.	
RO 1	REVERSE OSMOSIS	CW	+84" A.F.F.						
S 1	HAND SINK	TW	+18" A.F.F.	RIM OF LAV @ +2-8" A.F.F.	S-286	WATER FILTER SYSTEM	CW	+94" A.F.F.	INLET TO & OUTLET FROM FILTER
S 2	MOP SINK	W	-6" A.F.F.	RECESSED IN FLOOR	P-250	UTILITY CHASE FOR M.A.P.S. LINE	HW/FW	CLG.	STUB AT CLG.
S 2	MOP SINK FAUCET	CW/HW	+38" A.F.F.		P-452	HOT WATER SYSTEM	CW	+24" A.F.F.	
S 2	MOP SINK FAUCET	CW/HW	+42" A.F.F.	CLOSET MOP SINK ONLY					
S 3	3-COMPARTMENT SINK	W	+19" A.F.F.						

PLUMBING ROUGH-IN SCHEDULE **D**

- HOT WATER
- COLD WATER
- TEMPERED WATER
- GAS
- ⊖ FLOOR DRAIN
- ⊗ FLOOR SINK
- ⊙ HUB DRAIN
- ◆ WASTE OUTLET
- ⊖ FLOOR CLEANOUT
- ⊖ WALL CLEANOUT
- FILTERED WATER
- ◇ VENT UP FROM UNDER SLAB
- WATER LINE THRU FLOOR.

SYMBOL LEGEND **C**

1. ALL DIMENSIONS TO FLOOR SINKS, FLOOR DRAINS AND HUB DRAINS ARE TO CENTER OF FIXTURE.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS DATA ON THE LOCATION OF ALL PLUMBING ROUGH-INS WITH INFORMATION PROVIDED ON THE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND THE EQUIPMENT ACTUALLY SUPPLIED AND TO CONFIRM THE CORRECTNESS OF ANY DIMENSIONS INDICATED HEREIN.
- * CHILLED & FILTERED.

PLUMBING ROUGH-IN NOTES **B**

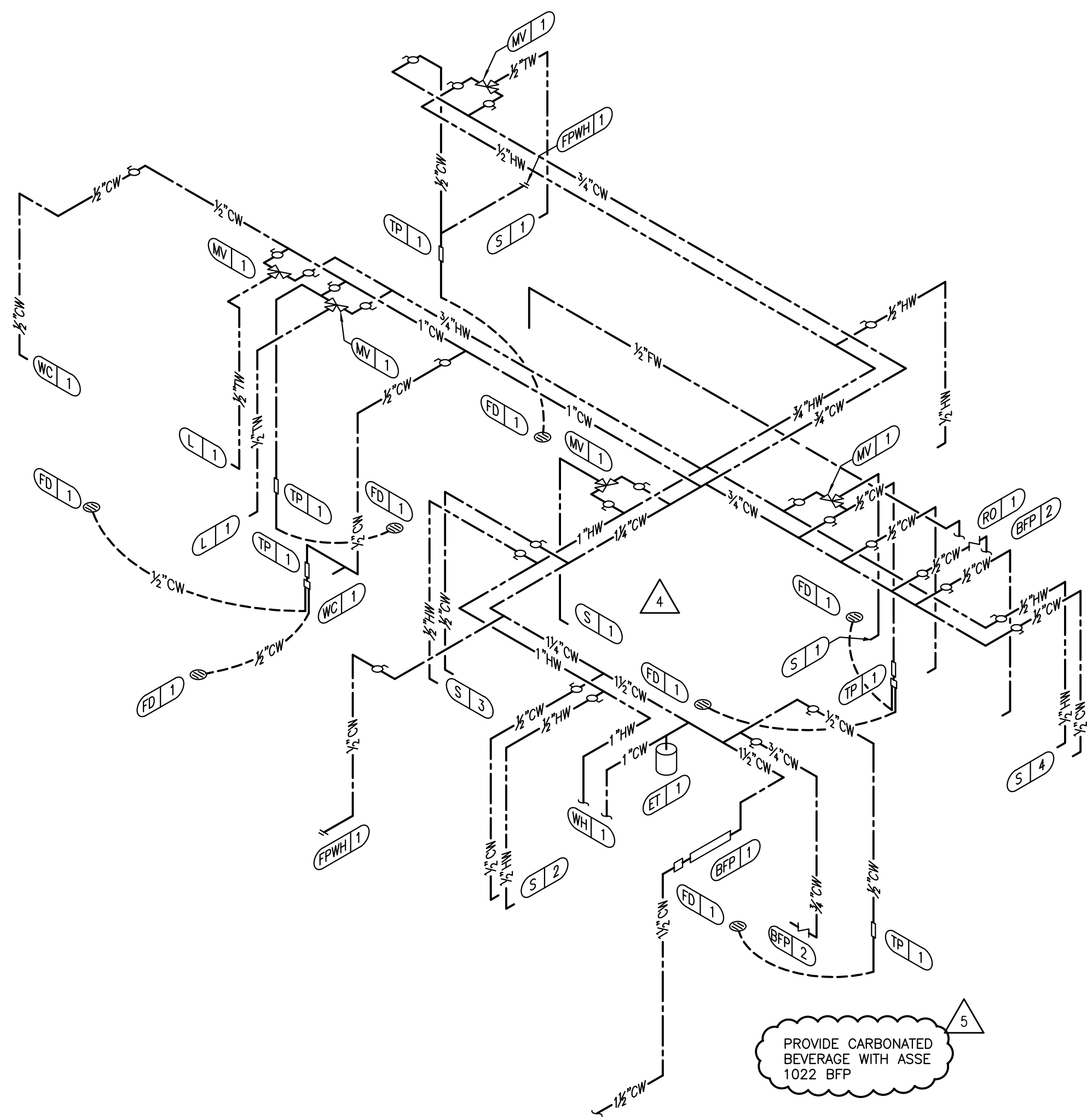
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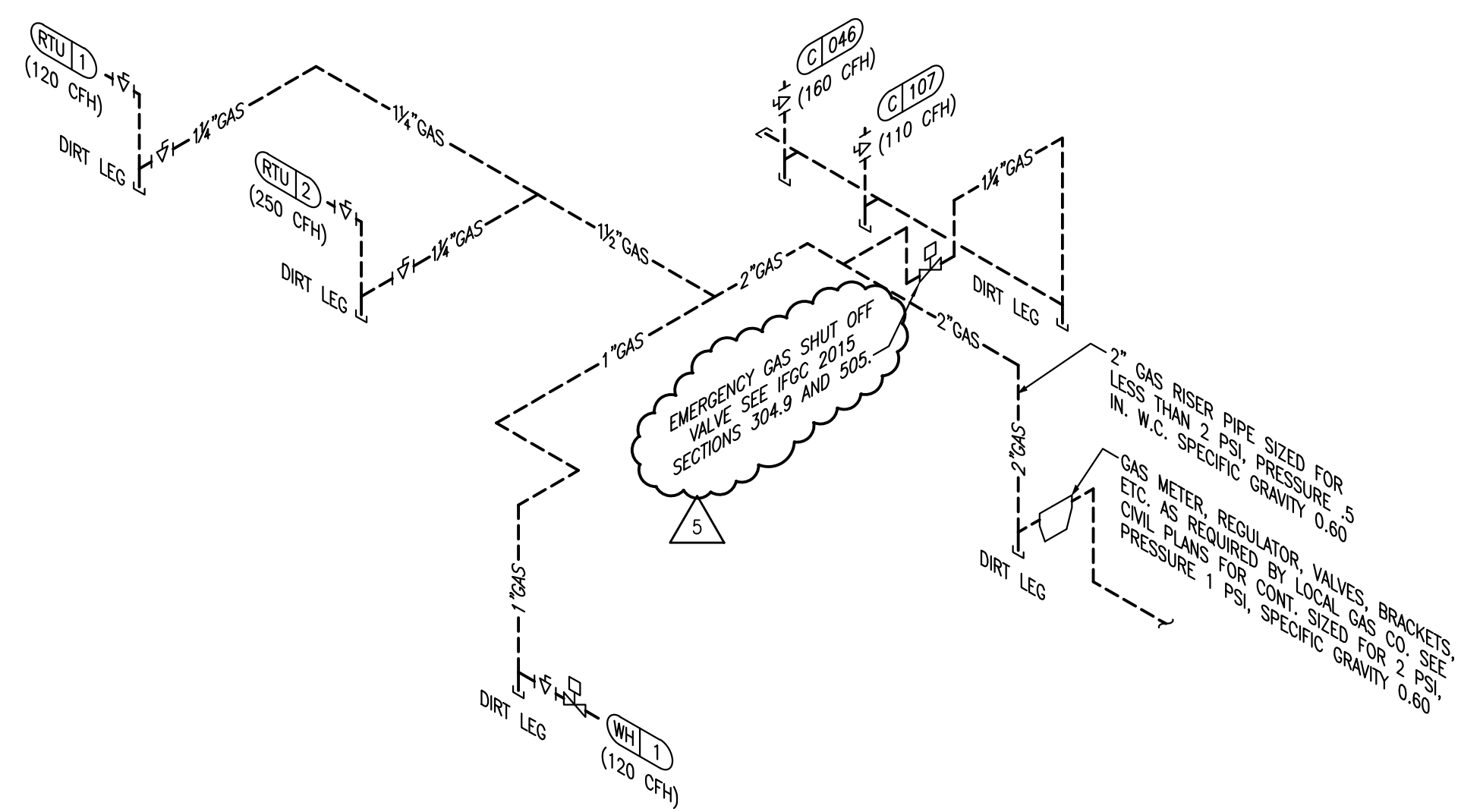
PLUMBING ROUGH-IN FLOOR PLAN

P4.0

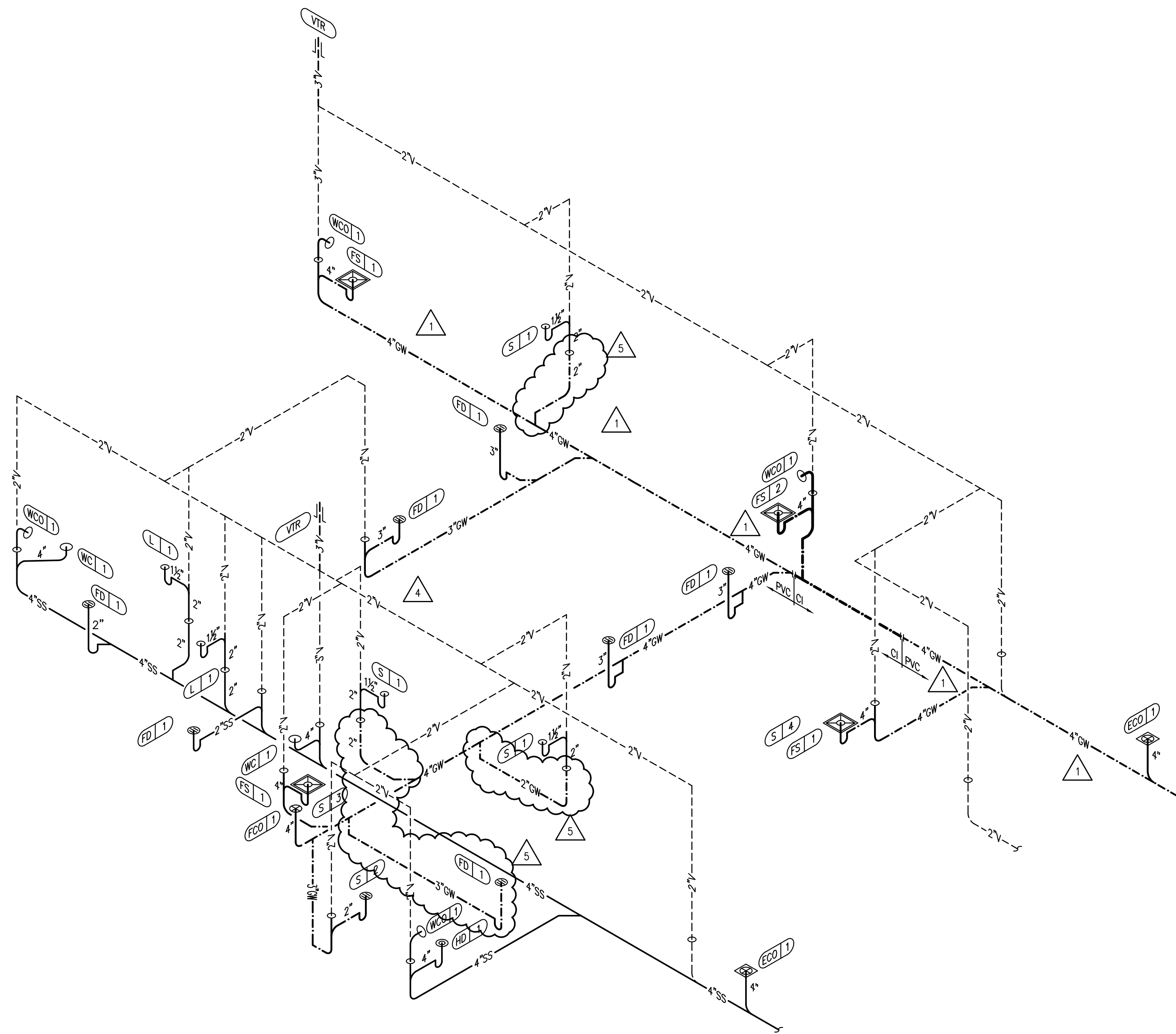
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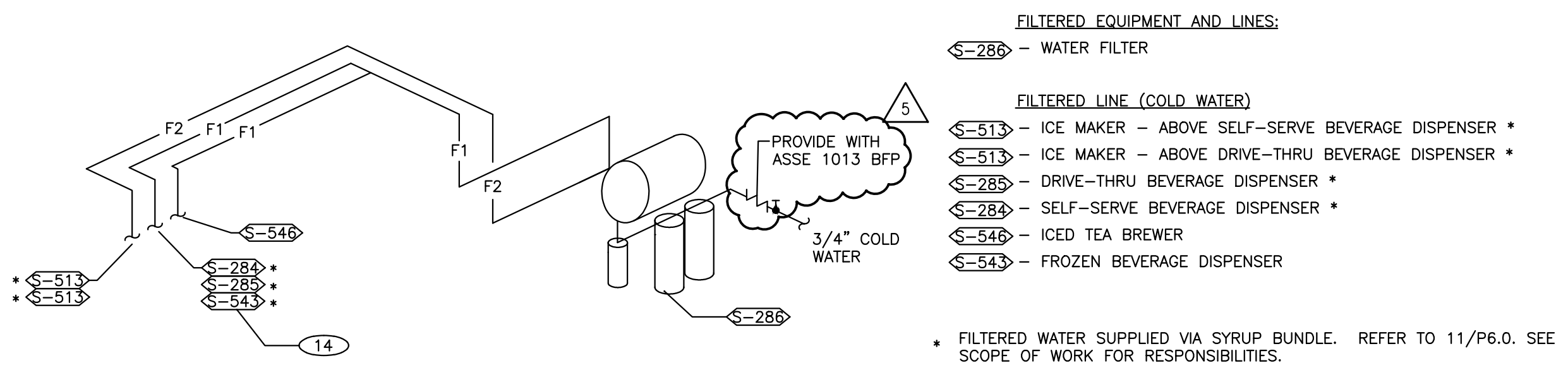
WATER ISOMETRIC N.T.S. **3**



GAS ISOMETRIC N.T.S. **4**



WASTE AND VENT ISOMETRIC N.T.S. **1**



- FILTERED EQUIPMENT AND LINES:**
- S-286 - WATER FILTER
- FILTERED LINE (COLD WATER)**
- S-51 - ICE MAKER - ABOVE SELF-SERVE BEVERAGE DISPENSER *
 - S-51 - ICE MAKER - ABOVE DRIVE-THRU BEVERAGE DISPENSER *
 - S-285 - DRIVE-THRU BEVERAGE DISPENSER *
 - S-284 - SELF-SERVE BEVERAGE DISPENSER *
 - S-54 - ICED TEA BREWER
 - S-54 - FROZEN BEVERAGE DISPENSER
- * FILTERED WATER SUPPLIED VIA SYRUP BUNDLE. REFER TO 11/P6.0. SEE SCOPE OF WORK FOR RESPONSIBILITIES.

FILTERED WATER ISOMETRIC N.T.S. **2**

DAI PROJECT: 15002-26
DESIGNED BY: MAS
CHECKED BY: AMP
 Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland License No. 48910
 Expiration Date: 03/03/2018



FOR REVISION 5 ON 15025.000

ADDRESS CHANGE	01.04.2016
HEALTH DEPT COMMENTS	06.24.16
REVISION 5	09/23/2016

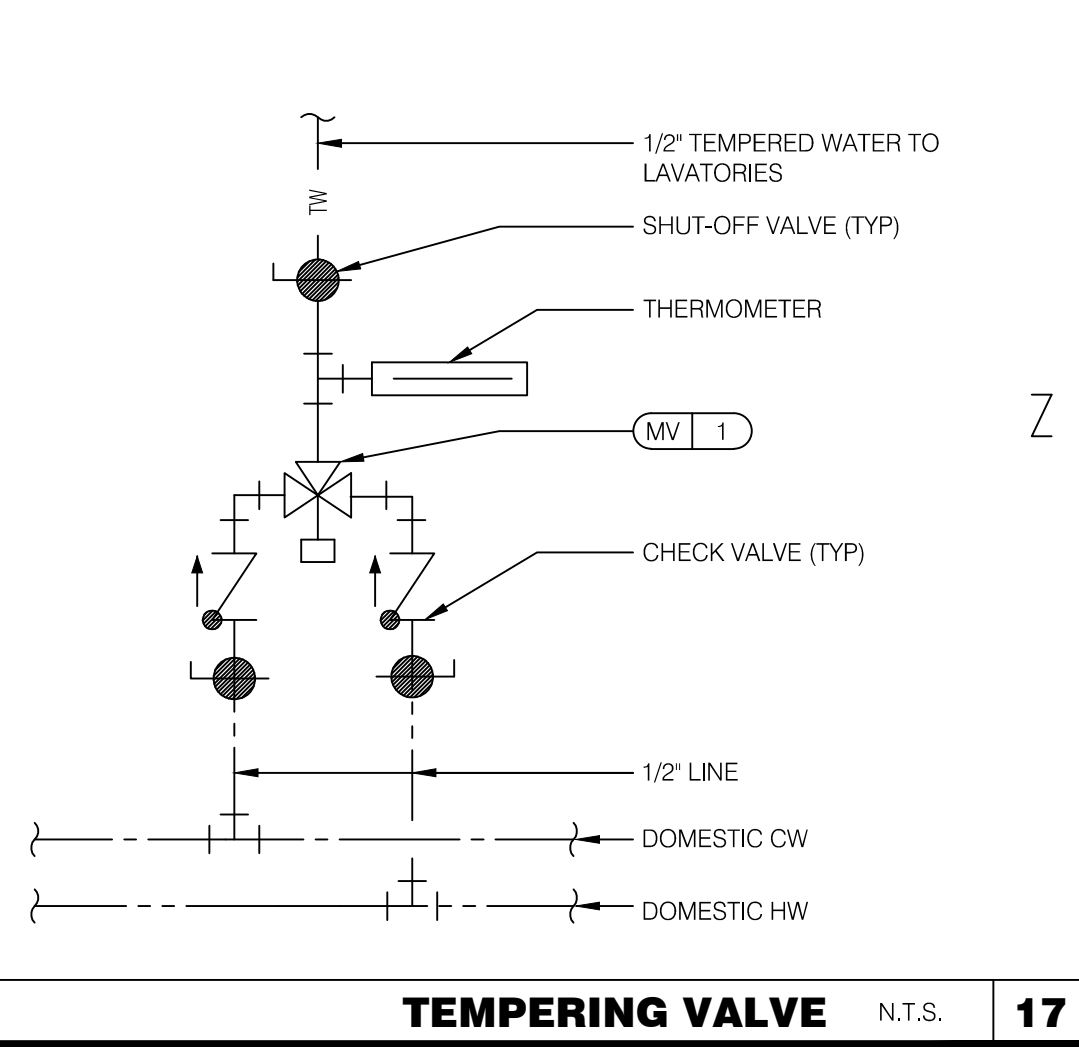
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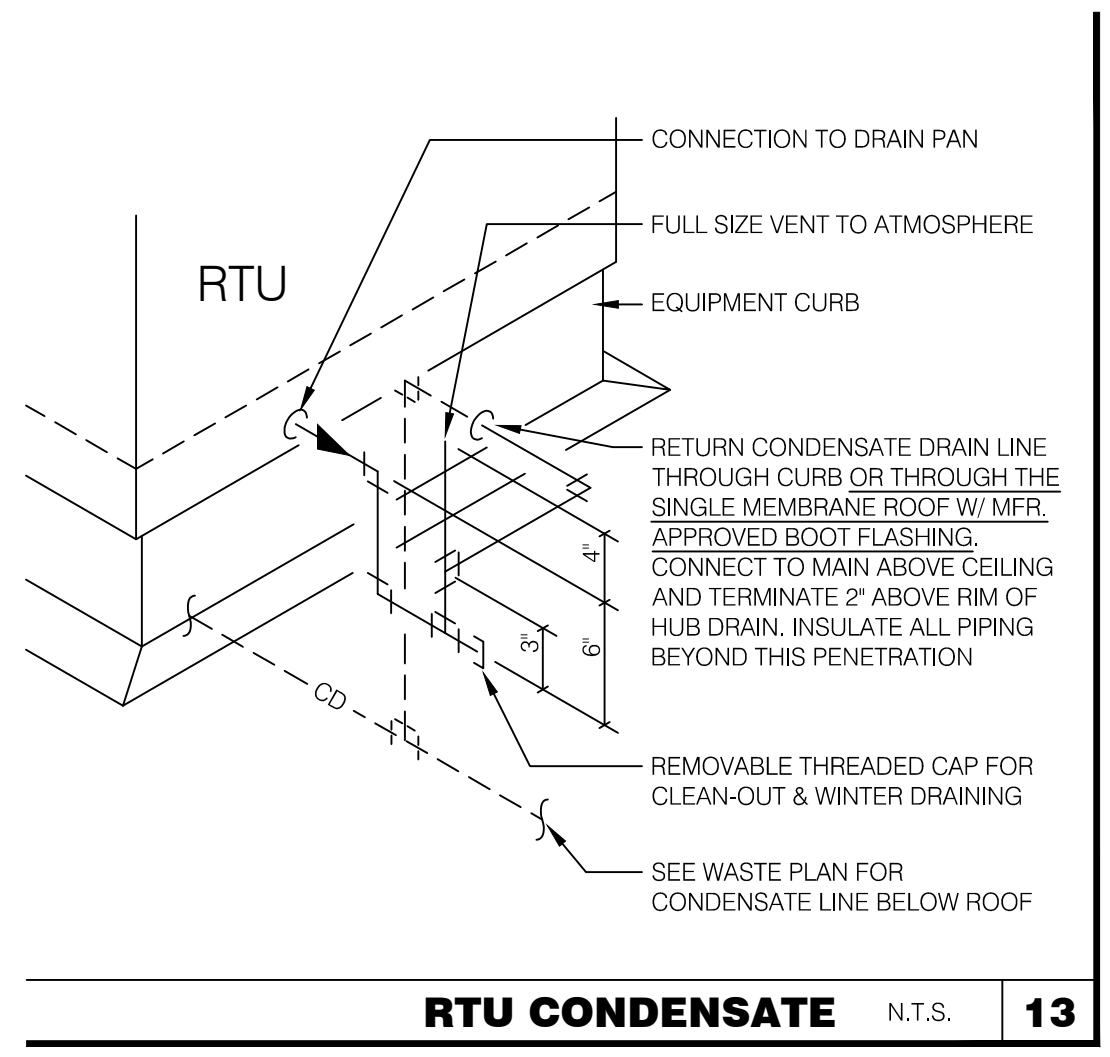


RISER DIAGRAMS

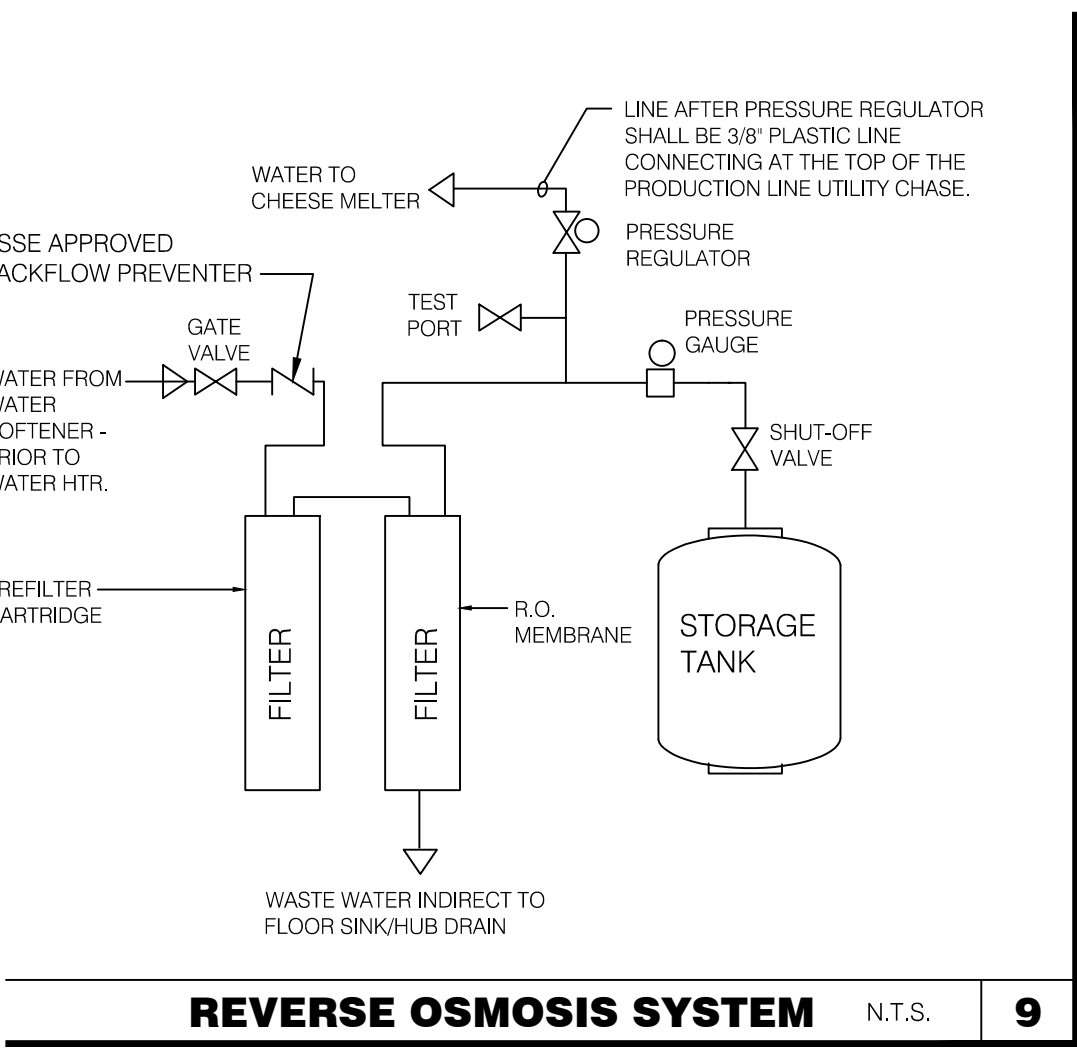
P5.0



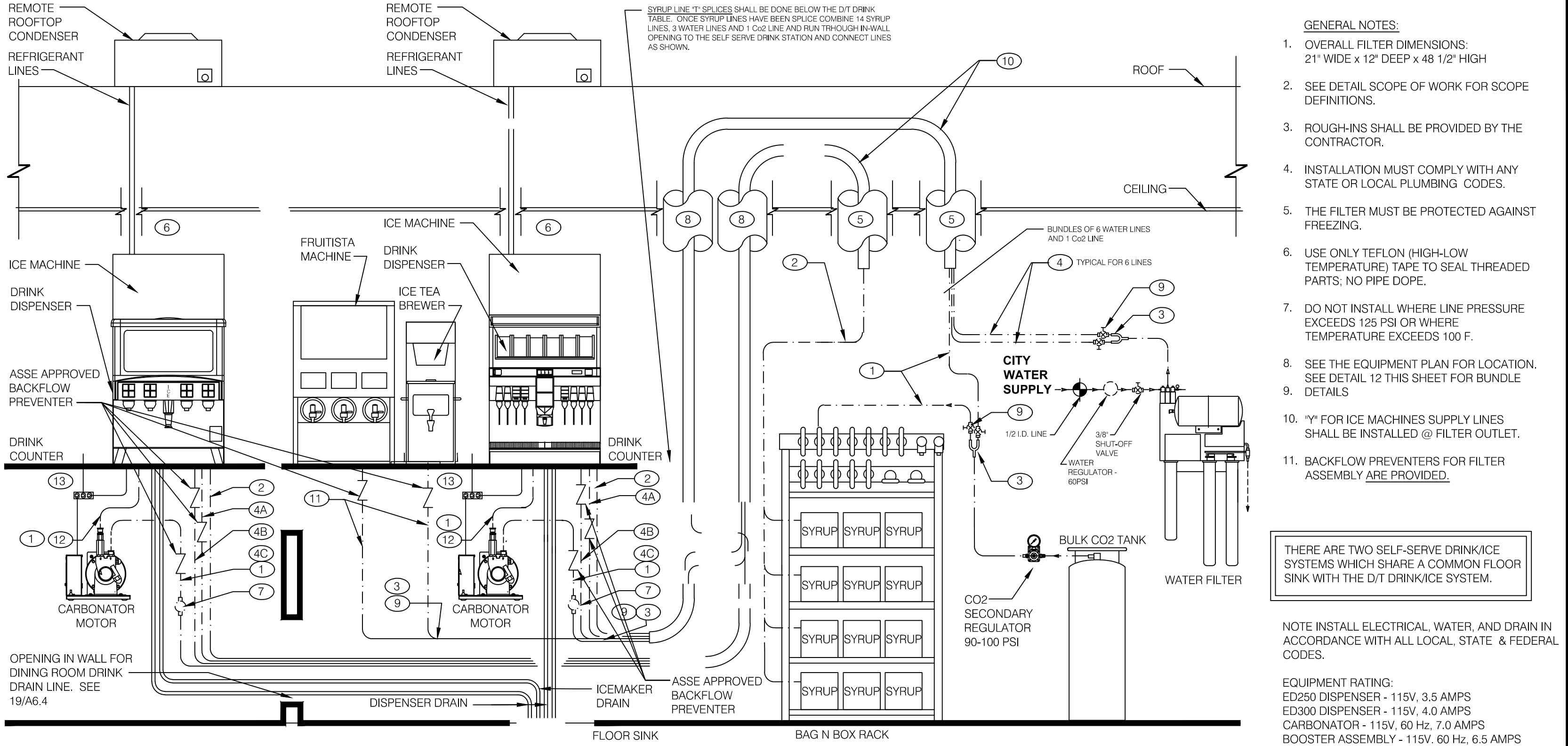
TEMPERING VALVE N.T.S. **17**



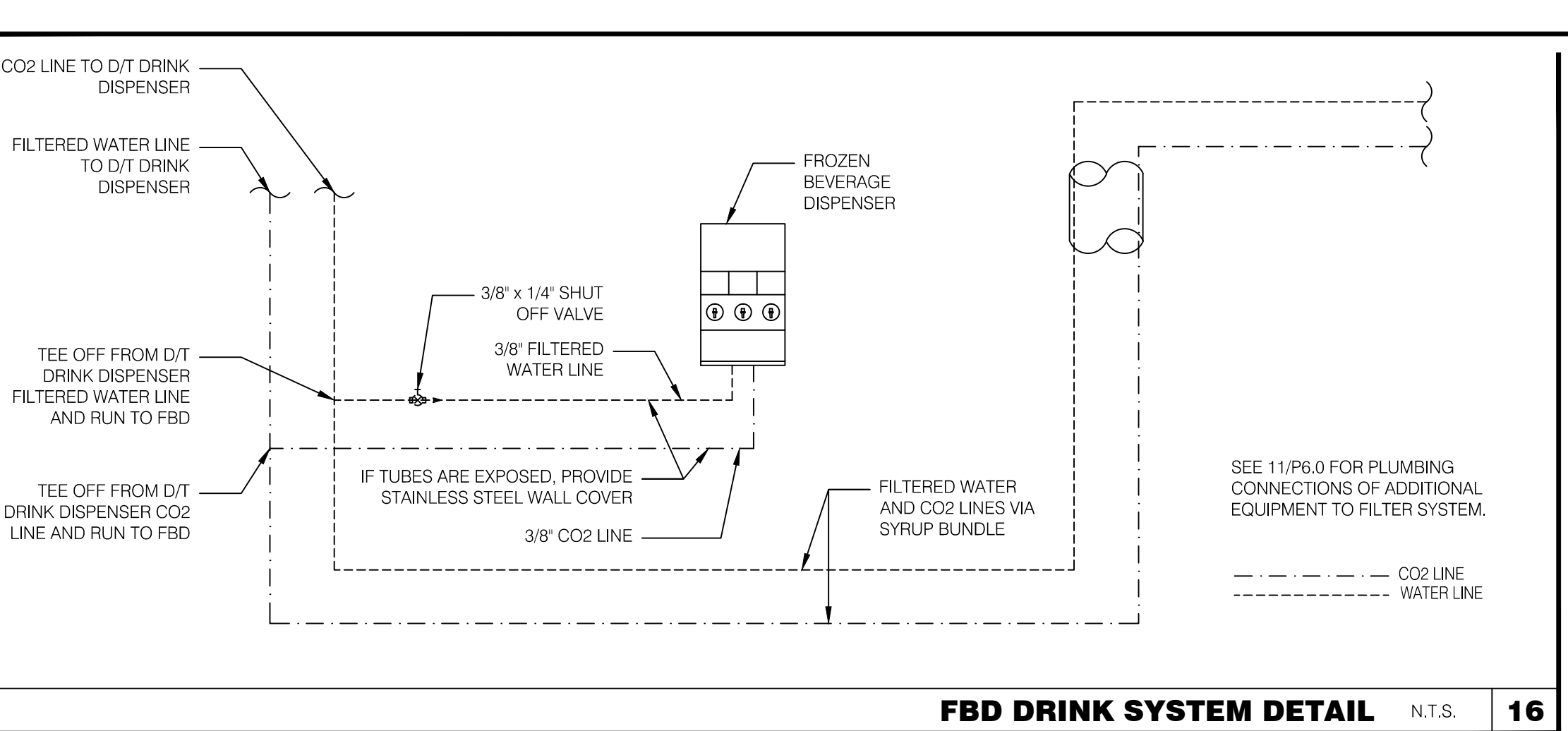
RTU CONDENSATE N.T.S. **13**



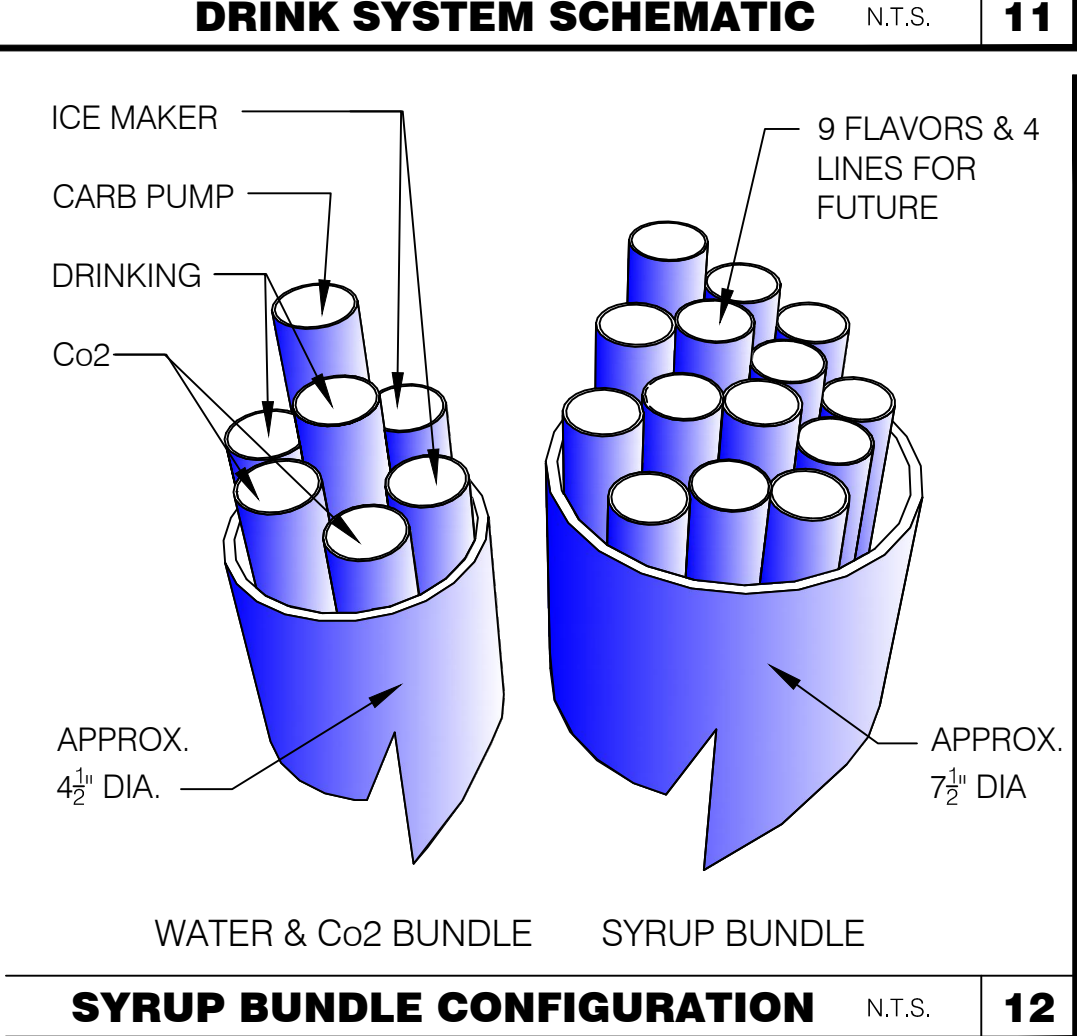
REVERSE OSMOSIS SYSTEM N.T.S. **9**



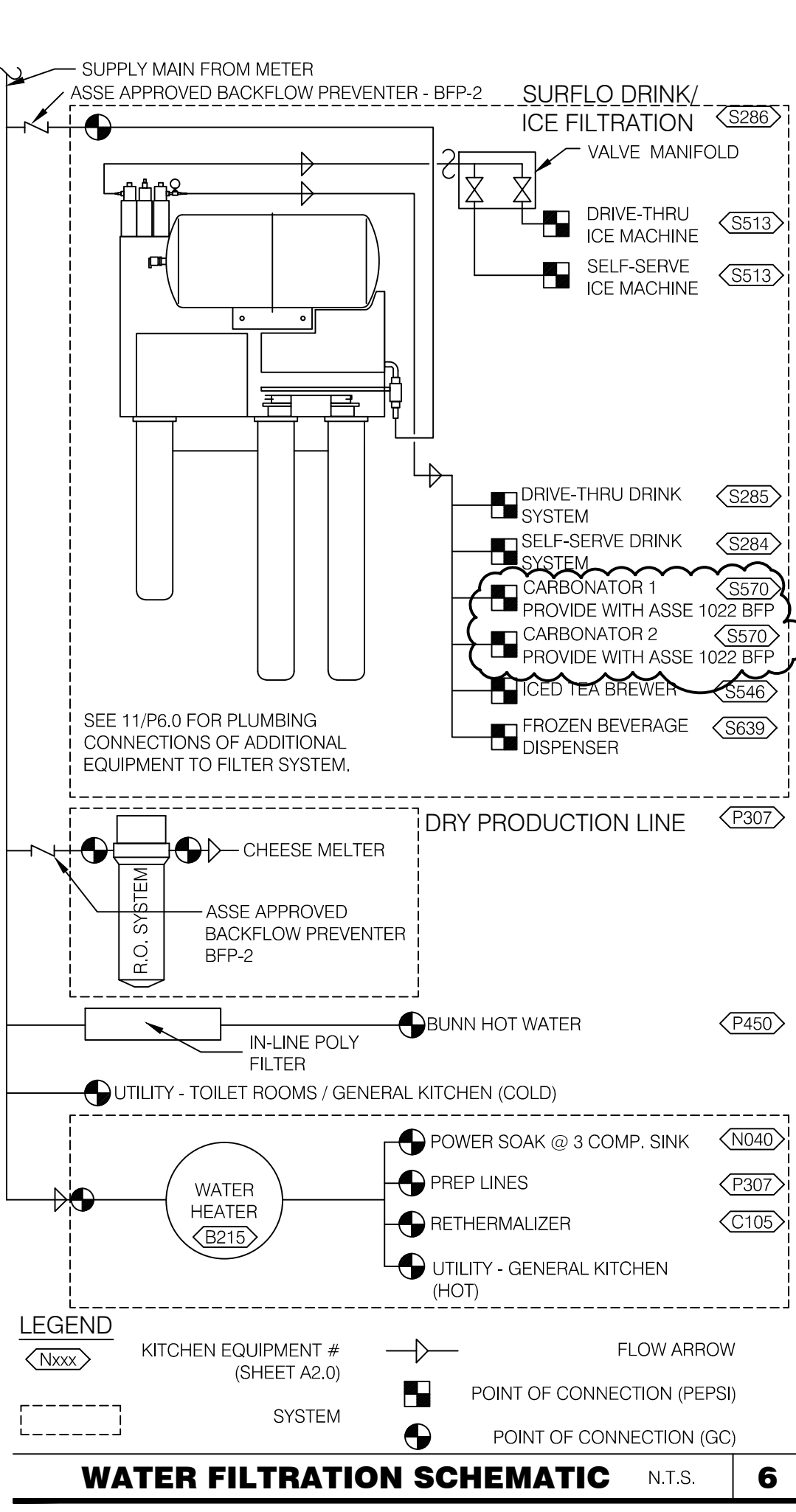
DRINK SYSTEM SCHEMATIC N.T.S. **11**



FBD DRINK SYSTEM DETAIL N.T.S. **16**



SYRUP BUNDLE CONFIGURATION N.T.S. **12**



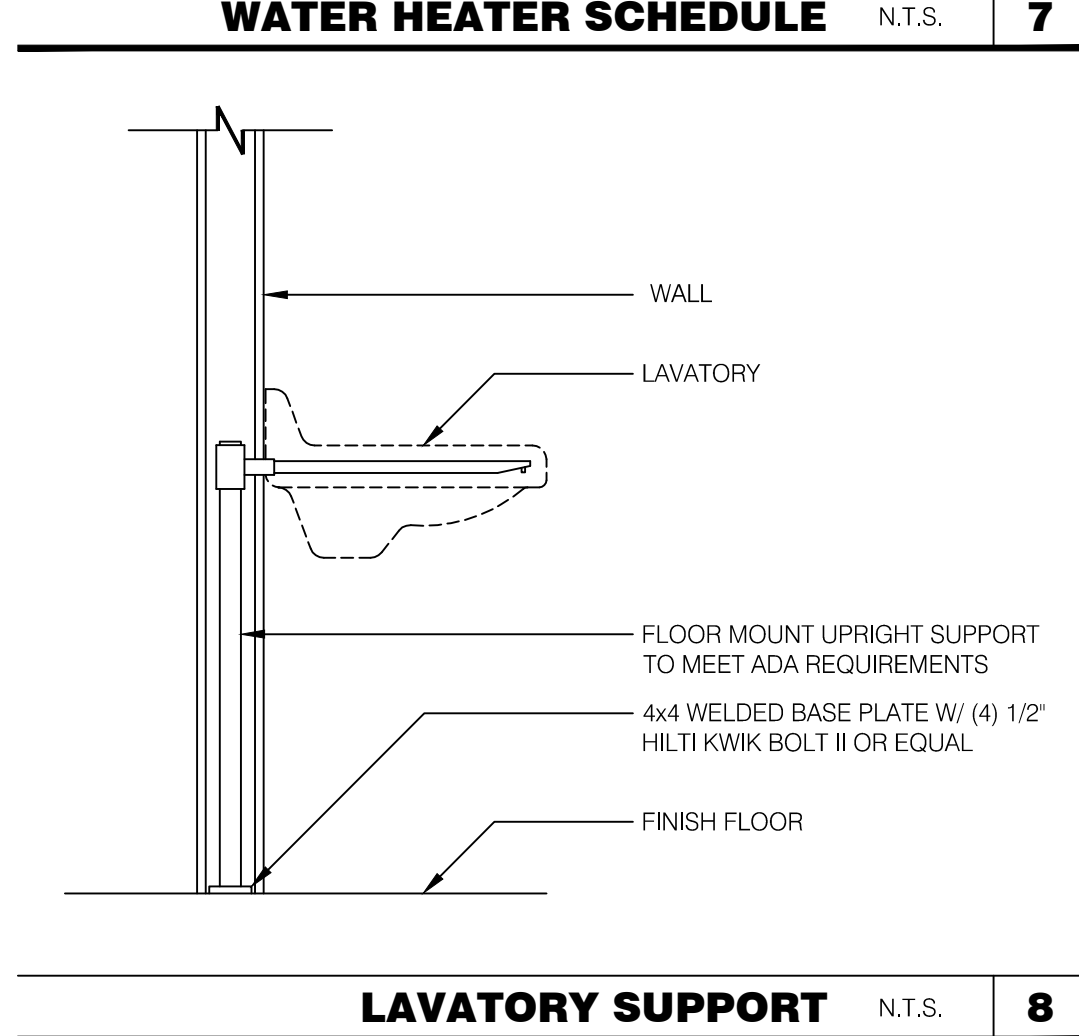
WATER FILTRATION SCHEMATIC N.T.S. **6**

WATER HEATER SCHEDULE N.T.S. **7**

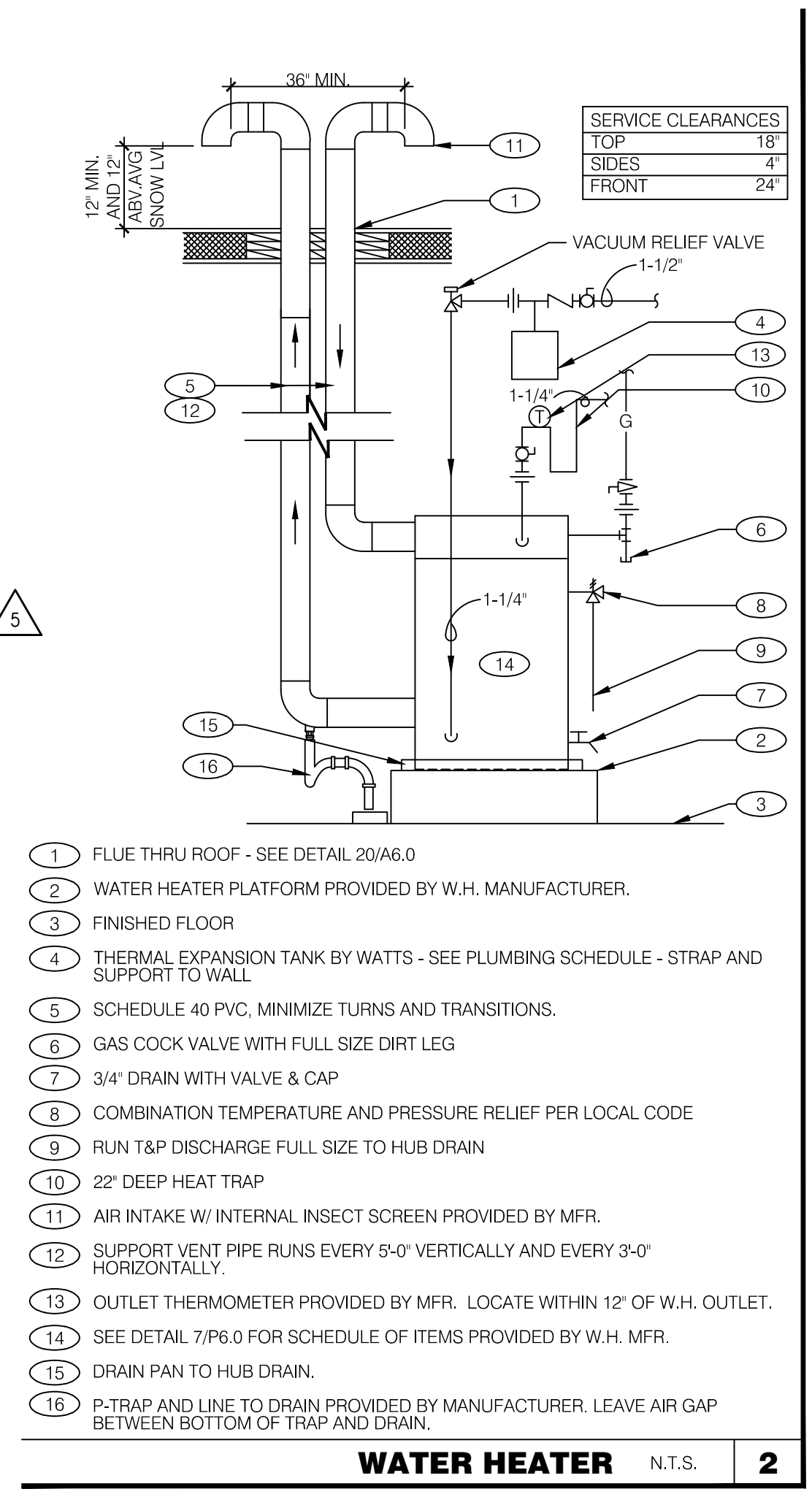
QTY	MODEL #	DESCRIPTION
1	EF100T199E3N	BWC HIGH EFFICIENCY COMMERCIAL WATER HEATER
1	MFK7	MANIFOLD KIT *
1	DET12	EXPANSION TANK
1	HAL	ALARM LIGHT W/ INSTALLATION INSTRUCTIONS
1	PK100	STAND

* THE FOLLOWING IS INCLUDED IN THE MANIFOLD KIT:

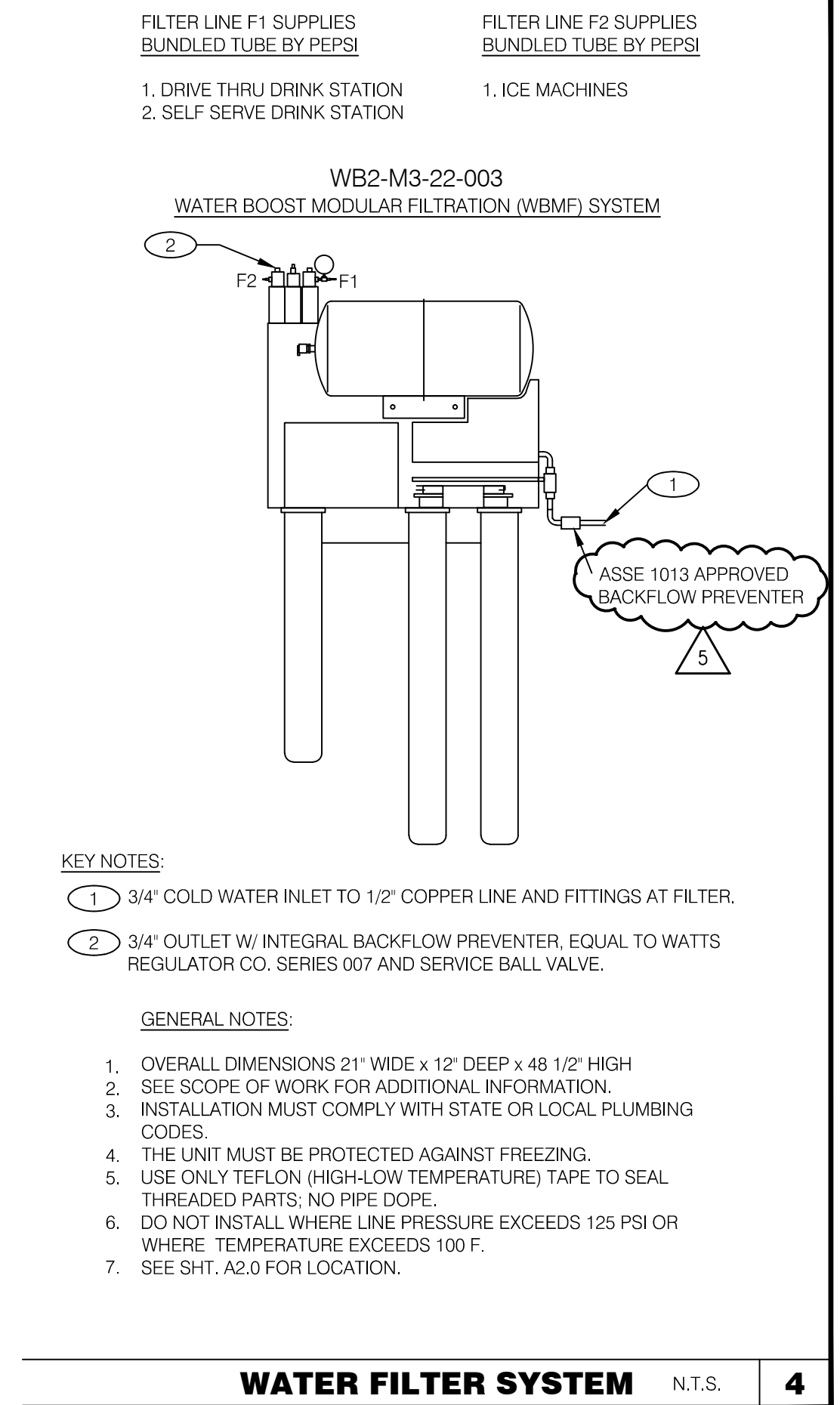
QTY	DESCRIPTION
1	3/4" BLK GAS COCK
1	3/4" BLK UNION
1	3/4" BLK TEE
1	3/4" BLK CAP
3	3/4" x 2 1/2" BLK NIPPLE
1	3/4" x 4 BLK NIPPLE
1	3/4" THD BALL VALVE
2	1 1/2" FX UNION
6	1 1/2" CXC 90
2	1 1/2" BALL VALVES CXC
1	1 1/2" CHECK VALVES CXC
1	1 1/2" GALV ST 90
1	1 1/2" CX ST 90
1	HPT-507 1/2" P-TRAP
1	1/2" P4 SMA
1	1 1/2" x 1 1/2" x 1/2" TEE COPPER
1	DIAL THERMOMETER
1	1/2" COPPER FEMALE FITTING ADAPTER
1	3" PVC 90
1	1/2" PVC STREET 90
1	1/2" PVC 90 ELBOW



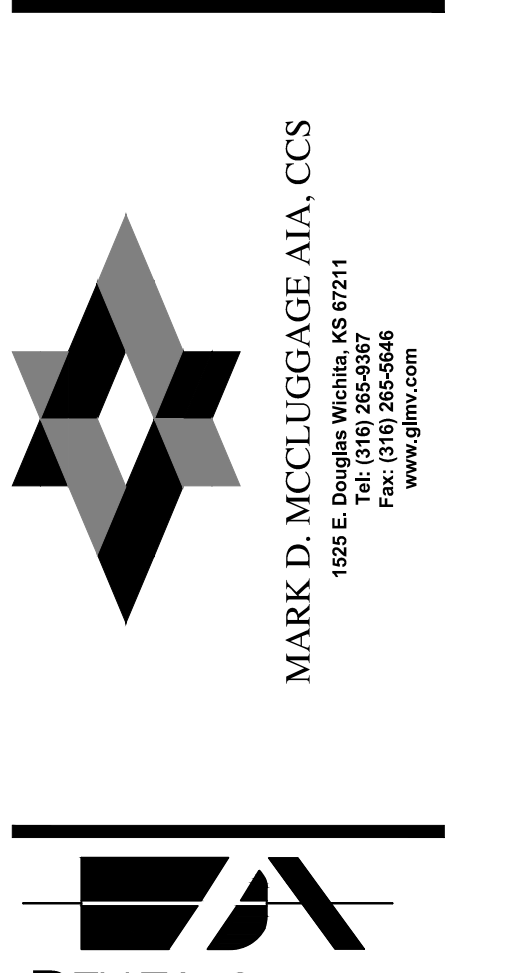
LAVATORY SUPPORT N.T.S. **8**



WATER HEATER N.T.S. **2**



WATER FILTER SYSTEM N.T.S. **4**



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DAI PROJECT 15002-26
DESIGNED BY BOB MAS
CREATED BY BOB AMP
 Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland License No. 48910
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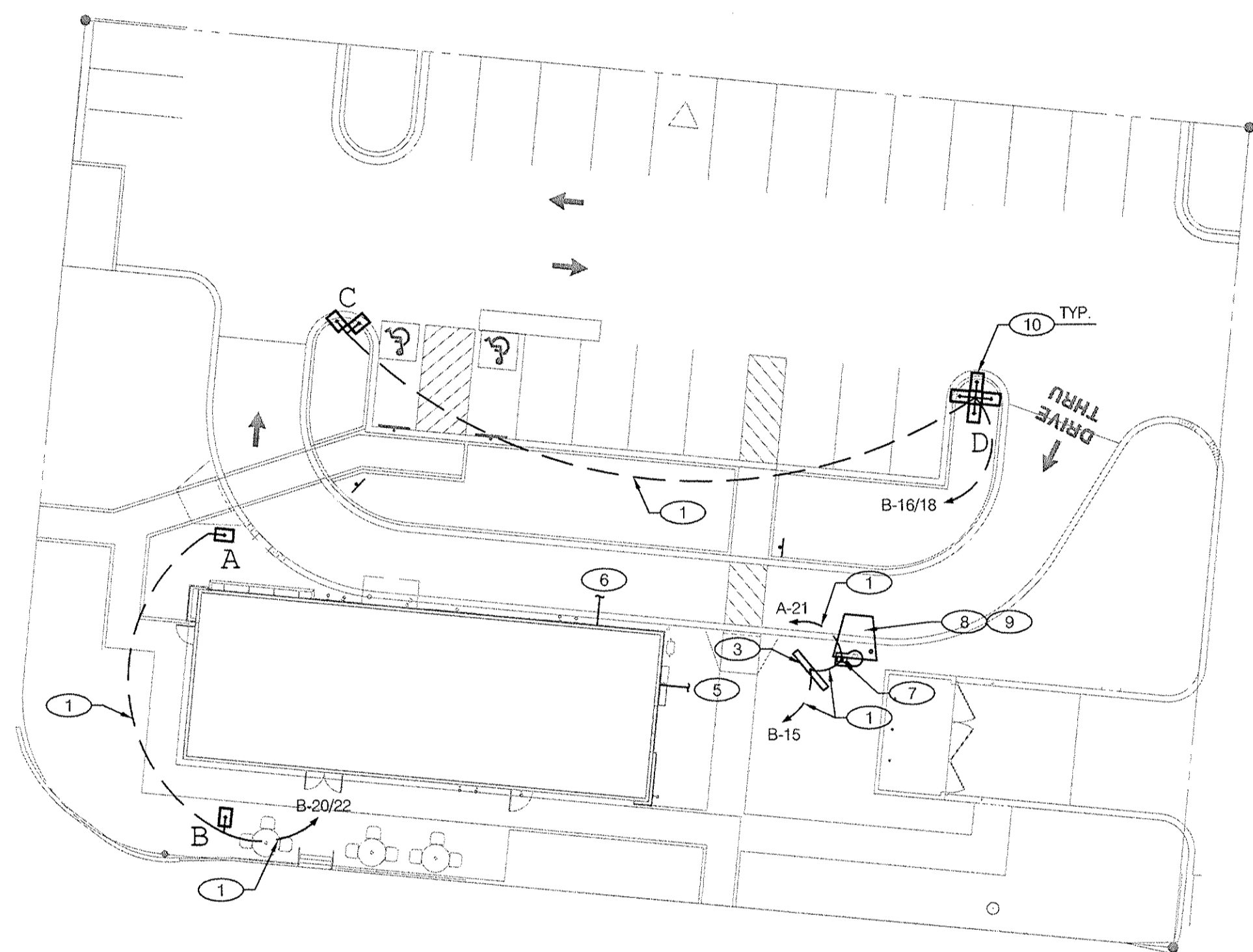
REVISION	DATE
ADDRESS CHANGE	01.04.2016
REVISION 5	09/23/2016

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1300 HOLTON LANE
 TAKOMA PARK, MD. 20912



PLUMBING DETAILS
P6.0
 PLOT DATE: 9-23-16



SITE ELECTRICAL PLAN 1"=20'-0" **A**

- ① 3/4" C. - 2 #10, #10 GRD. (TYP. FOR ENTIRE CIRCUIT.)
- ② NOTE NOT USED.
- ③ MENU BOARD. REFER TO DETAILS 4/E7.0 AND CIVIL DRAWINGS.
- ④ NOTE NOT USED.
- ⑤ UNDERGROUND ELECTRIC SERVICE TO UTILITY CO. TRANSFORMER. REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO.
- ⑥ UNDERGROUND TELEPHONE SERVICE. REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO.
- ⑦ ORDER CONFIRMATION BOARD/ SPEAKER POST.
- ⑧ FUTURE PREVIEW BOARD. (OPTIONAL)
- ⑨ POWERED CANOPY. USE SAME TIMED CIRCUIT THAT FEEDS MENUBOARD. SEE DRIVE THRU DETAIL 4/E7.0. VERIFY LOCATION PRIOR TO TRENCHING.
- ⑩ SITE LIGHTING. REFER TO CIVIL DRAWINGS.

NOT USED

F

NOT USED

E

NOT USED

D

NOT USED

C

KEY NOTES

B

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DAI PROJECT: 15002-26

DESIGNED BY:
CHECKED BY:
 Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License No. 29285
 Expiration Date: 06/10/2017

1-4-16

15025.000

- △ ADDRESS CHANGE 01.04.2016
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1300 HOLTON LANE
 TAKOMA PARK, MD 20912

LIVE MAS
 MEDIUM40 - MODIFIED

ELECTRICAL SITE PLAN
E1.0

PLOT DATE: 1-08-16

NATIONAL ACCOUNTS: SWITCHGEAR
SUPPLY and INSTALL STANDARD PACKAGE
CORPORATE AND FRANCHISE DEVELOPMENT

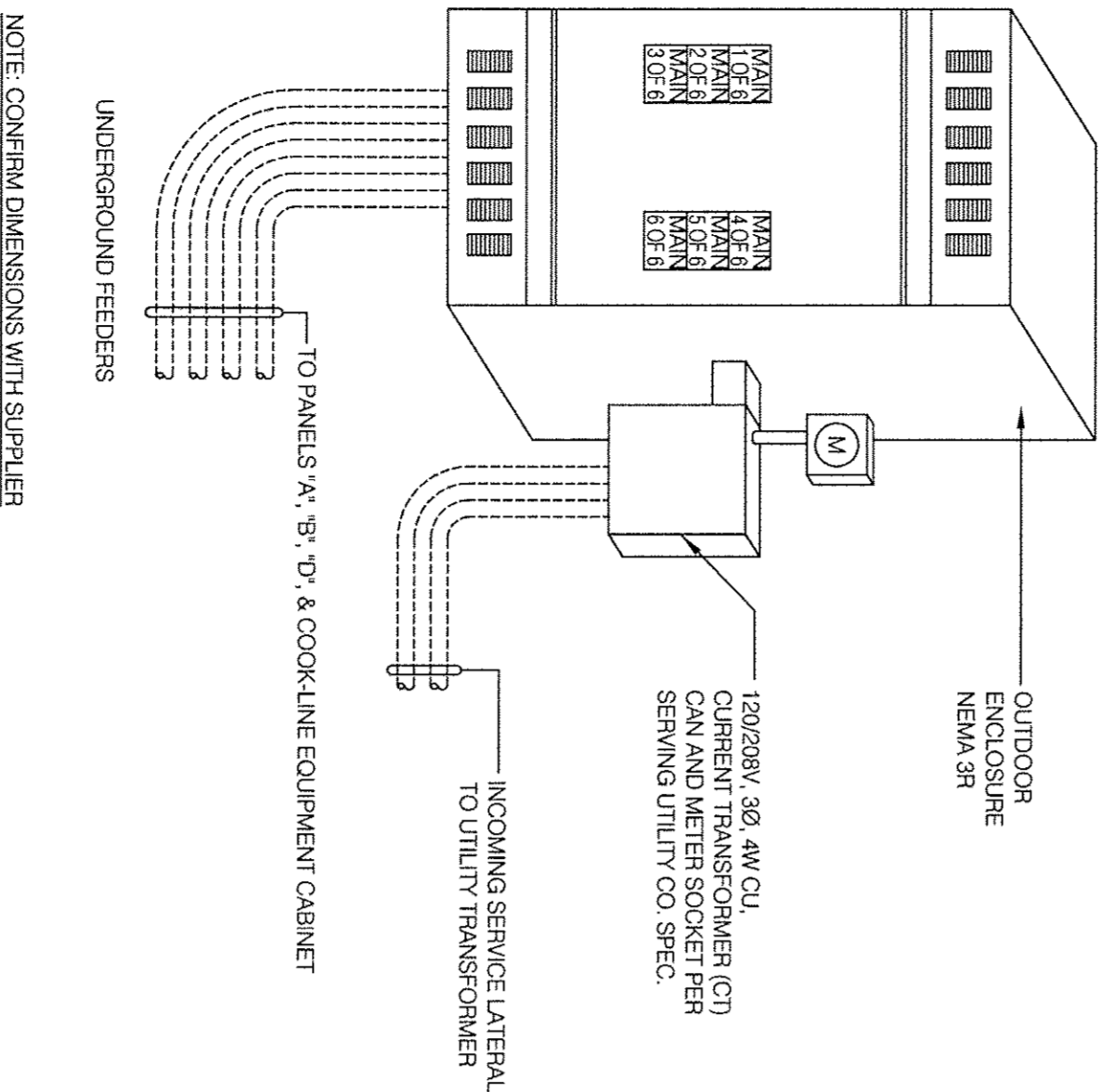
YUM NATIONAL ACCOUNT AGREEMENT IS WITH SQUARE D FOR ELECTRICAL SWITCHGEAR EQUIPMENT FOR COMPANY AND FRANCHISE DEVELOPMENT. SWITCHGEAR EQUIPMENT SHALL BE SUPPLIED BY SQUARE D OR APPROVED ALTERNATE MANUFACTURER FOR FRANCHISE DEVELOPMENT. SEE:

UNDER THIS AGREEMENT, THE CONTRACTOR IS RESPONSIBLE FOR PURCHASE AND INSTALLATION OF THE SYSTEMS DESCRIBED IN THE PLANS. ALL CONTRACTORS SHALL COMPLY WITH ALL NATIONAL ACCOUNTS FOR SPECIFIC PROJECT. SEE THE SWITCHGEAR SECTION IN THE SCOPE OF WORK FOR ADDITIONAL INFORMATION.

PRIMARY CONTACT: BUDDY BOCKWEG
FRANCHISE DEVELOPMENT
1200 W. BROADWAY
FAX: (802) 961-0257
EMAIL: BUDD@BOCKWEG.COM

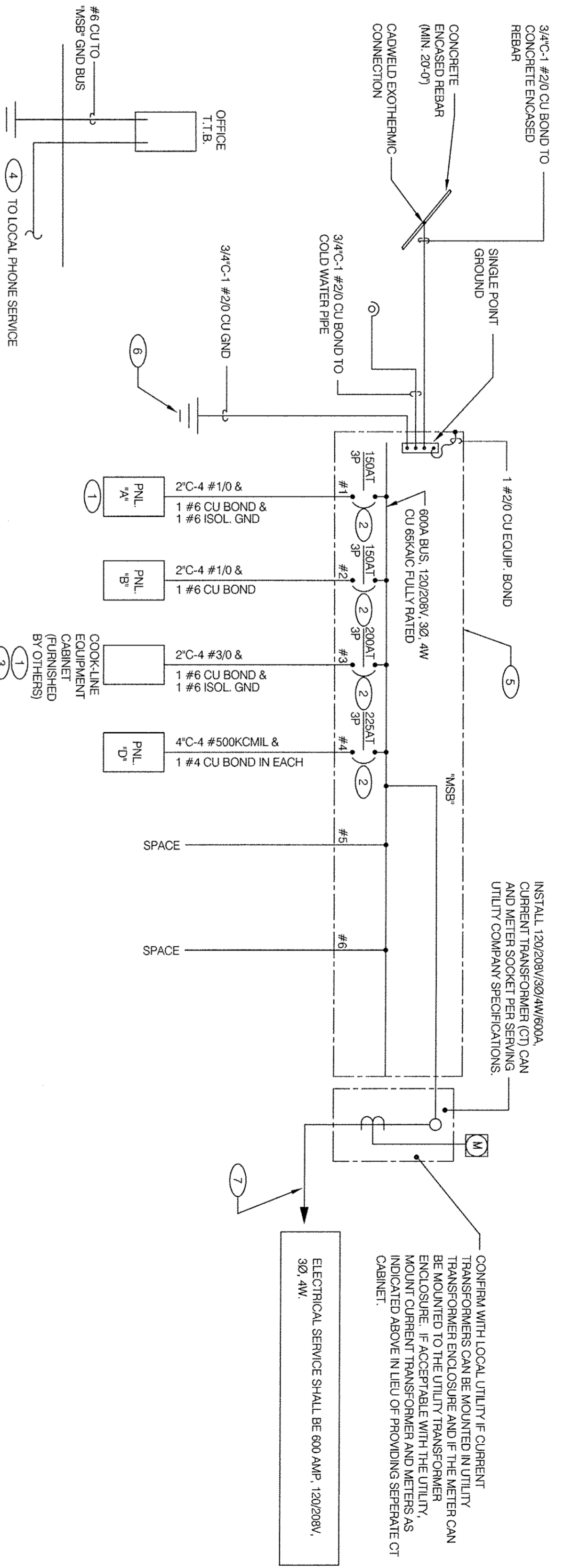
THE SWITCHGEAR PACKAGE CONSISTS OF SERVICE ENTRANCE, SWITCHGEAR PANELS AND ALL NECESSARY FRAMES, LIGHTING CONDUITORS AND ALL NECESSARY ACCESSORIES TO COMPLIMENT THE SWITCHGEAR PACKAGE.

BE PREPARED AT TIME OF ORDER OR QUOTE REQUEST TO PROVIDE ALL PROJECT DETAILS BEFORE ORDERING. ALL DIMENSIONS SHALL AS SHOWN. SPECIFIC DESIGN MAY NOT MATCH PROTOTYPICAL DESIGN.



SERVICE ENTRANCE EQUIPMENT ELEVATION - NON-EUSERG PACKAGE

	24 LED FIXTURE		NIGHT LIGHT
	24 LED FIXTURE WITH BATTERY BACKUP		CEILING MOUNTED SPEAKER
	14 LED FIXTURE		WALL MOUNTED SPEAKER
	14 LED FIXTURE WITH BATTERY BACKUP		JUNCTION BOX
	202 LED FIXTURE		TELEPHONE OUTLET
	202 LED FIXTURE WITH BATTERY BACKUP		SMALLEX GROUND OUTLET
	DOWNLIGHT FIXTURE		DUPLEX GROUND OUTLET
	SUSPENDED DOWNLIGHT FIXTURE		QUADPLEX GROUND OUTLET
	TRACK MOUNTED PENDANT LIGHT FIXTURE		GROUND FAULT DUPLEX OUTLET
	TRACK MOUNTED PENDANT LIGHT FIXTURE		GROUND FAULT SIMPLEX OUTLET
	DIRECTIONAL FIXTURE		CEILING DUPLEX OUTLET
	DIRECTIONAL FIXTURE		DUPLEX ISOLATED GROUND OUTLET
	TRACK MOUNTED TO UNDERSIDE OF INTERIOR CANOPY COOLER FIXTURE		QUADPLEX ISOLATED GROUND OUTLET
	EXIT SIGN (CEILING MOUNTED)		CEILING SPECIAL PURPOSE OUTLET
	EXIT SIGN (WALL MOUNTED)		ELECTRICAL PANEL SEE SHEET FOR PANEL SCHED.
	SECURITY STROBE		HOLD UP EMERGENCY BUTTON
			ELECTRICAL MOTOR
			DUCT MOUNTED SMOKE DETECTOR
			CONNECTION TO EQUIPMENT



SINGLE LINE DIAGRAM

	FUSIBLE DISCONNECT SWITCH WITH STARTER
	FUSED DISCONNECT SWITCH
	NON-FUSED DISCONNECT SWITCH
	PHOTOCELL
	RAIN SENSOR
	FLUORESCENT WALL MOUNT FIXTURE
	EMERGENCY LIGHT
	SINGLE POLE SINGLE THROW TOGGLE SWITCH
	SINGLE POLE SINGLE THROW TOGGLE SWITCH WITH PILOT LIGHT
	RELAY
	CONDUIT RUN, UNDERGROUND
	SMOKE DETECTOR
	EXTERIOR WALL FIXTURE
	EXTERIOR DECORATIVE WALL FIXTURE
	EXTERIOR DECORATIVE WALL FIXTURE
	WEATHERPROOF GROUND FAULT

GENERAL NOTES

- CONNECT ISOLATED GROUND TO ISOLATED GROUND BUS IN PANEL AND LAND ISOLATED GROUND TO SINGLE POINT GROUND. DO NOT COMBINE COMMON GND TO ISOLATED GROUND.
- BUILDING MAIN DISCONNECT FOR THIS SERVICE: (MAXIMUM 6 MAINS PER N.E.C.) LABEL EACH MAIN BREAKER AS INDICATED: "MAIN 1 OF 6" (ENGRAVED LETTERS X.3/4" HIGH) "MAIN 2 OF 6" "MAIN 3 OF 6" "MAIN 4 OF 6" "MAIN 5 OF 6" "MAIN 6 OF 6"
- EQUIPMENT CABINET IS FURNISHED WITH COOK-LINE.
- PROVIDE 2" CONDUIT SUBMERGED INTO BUILDING FROM UTILITY ORANGE FOR TELEPHONE.
- VERIFY AVAILABLE FAULT CURRENT AT SERVICE ENTRANCE WITH THE UTILITY CO. AND CONFIRM 65 KVAIC RATING IS SUFFICIENT.
- VERIFY 10A, 10/0 COPPER C/D GROUND RODS. INSTALL 12"Ø 36"Ø 1/2" AND CONNECT GROUND SYSTEM PER N.E.C. ARTICLE 250.
- INSTALL UNDERGROUND SERVICE LATERAL TO UTILITY TRANSFORMER PER SERVING UTILITY COMPANY SPECIFICATIONS. #4389KOHM IN EACH OF 2"Ø PVC TO PAD MOUNT TRANSFORMER, GC/ELECT. CONDUCTORS ARE USED PROVIDE #4389KOHM IN EACH OF 4"Ø.

KEY NOTES

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DAIPROJECT: 15022-26

DESIGNED BY: RPB
CHECKED BY: RAG
Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer in the State of Maryland License No. 29285
Expiration Date: 06/30/2015

15025.000

ADDRESS CHANGE 01.04.2016

LIVE MAS
RISER
DIAGRAM
AND LEGEND
NON-EUSERG
E2.0

DATE: JULY 15, 2015
BUILDING TYPE: MED-40-MCD
PLAN VERSION: JUNE 2015
SITE NUMBER:
ENTRY NUMBER:

1300 HORTON LANE
TAKOMA PARK, MD 20912

PLOT DATE: 1-04-16



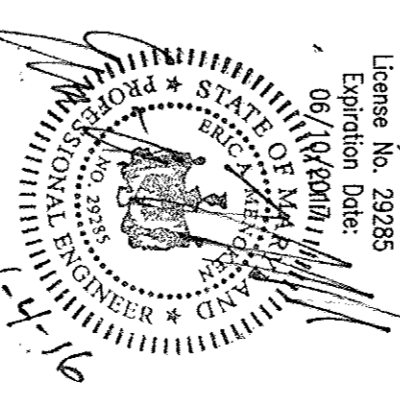
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License No. 29385
Date: 06/09/2010



15025.000

ADDRESS CHANGE: 01/04/2016

DATE: JULY 15, 2015
BUILDING TYPE: MED-40-MKD
PLAN VERSION: JUNE 2015
SITE NUMBER:
ENTRY NUMBER:

1300 HOLLTON LANE
TAKOMA PARK, MD 20912



LIVE MAS
LIVEDESIGN
MEDIUM-40 - MODIFIED

PANEL SCHEDULES AND LOAD SUMMARY E2.1

PANEL SCHEDULES

PANEL B (3 PH, 4W, 225, MLO BOTTOM) Summary: Connected VA 13396, Demand Factor 1.25, Demand VA 16745. Total VA 13986, Amps 47.9.

BKR	NOTE	LOAD DESCRIPTION	VA	CKT	PHASE	MOUNTING	ENCLOSURE	FLUSH	REMARKS	NOTE	BKR
20/1	LR	KITCHEN & OFFICE LIGHTS	1224	1	A	2	0	0	SPACE	LR	20/1
20/1	LR	COOLER / FREEZER LIGHTS	800	5	B	6	0	0	DINING ROOM LIGHTS	LR	20/1
20/1	LC	OUTSIDE LIGHTS	478	7	A	8	1076	0	1-0.5 MENUBORDERS & REMOTE ALARMS		20/1
20/1	LC	SHOW WINDOW	0	11	B	10	0	0	SPACE		20/1
20/1	LC	SPACE BOARD @ D/F	502	13	A	12	0	0	SPACE		20/1
20/1	LC	SHOW WINDOW	0	12	A	14	0	0	PARKING LIGHTING SPACE HOLDER		20/2
20/1	LC	SHOW WINDOW	0	13	B	18	0	0	SPACE		20/1
20/1	LC	SHOW WINDOW	0	14	A	20	0	0	PARKING LIGHTING SPACE HOLDER		20/2
20/1	LC	SHOW WINDOW	0	15	B	22	0	0	SPACE		20/1
20/1	LC	SHOW WINDOW	0	16	A	24	0	0	SPACE		20/1
20/1	LC	SHOW WINDOW	0	17	B	26	0	0	SPACE		20/1
20/1	LC	MONUMENT / PYLON SIGN	1200	27	A	30	0	0	SPACE		20/1
20/1	LC	DIRECTIONAL SIGNAGE	1200	29	B	32	0	0	HOOD LIGHTS		20/1
20/1	LC	BUILDING SIGNS	300	33	A	34	0	0	SPACE		20/1
20/1	LC	BUILDING SIGNS	300	35	B	36	0	0	SPACE		20/1
20/1	LC	BUILDING SIGNS	39	37	A	38	0	0	SPACE		20/1
20/1	LC	BUILDING SIGNS	41	39	B	40	0	0	SPACE		20/1
20/1	LC	BUILDING SIGNS	41	41	A	42	0	0	SPACE		20/1

PANEL A (3 PH, 4W, 225, MLO BOTTOM) Summary: Connected VA 125, Demand Factor 1.25, Demand VA 0. Total VA 29135, Amps 80.9.

BKR	NOTE	LOAD DESCRIPTION	VA	CKT	PHASE	MOUNTING	ENCLOSURE	FLUSH	REMARKS	NOTE	BKR
20/1	S-285	BEVERAGE DISPENSER D/F	420	3	A	2	1780	0	S-546 ICE TEA BREWER		20/1
20/1	S-284	BEVERAGE DISPENSER SS	480	3	B	4	1200	0	POS (1) & (2) U-D/O (1) U-1001		20/1
20/1	R-009	FULL HEIGHT FREEZER	1080	5	A	6	380	0	F-174 SAFE 6 FUTURE		20/1
20/1	SHUNT TRIP POWER		300	7	A	8	864	0	S-570 CARBONATOR		20/1
30/2	P-462	HOT WATER DISPENSER	2013	9	A	10	200	0	POS (1) & U-D/O (1) U-1001		20/1
20/1	S-028	HEATED CABINET	1920	11	A	12	0	0	S-044 C/C/D/W/R & MONITOR		20/1
20/1	F-042	OFFICE SECURITY SYSTEM	300	13	A	14	800	0	POS (1) & (1) U-D/O (1) U-1001		20/1
20/1	U-042	OFFICE SECURITY SYSTEM	300	13	A	16	1200	0	C-400 METER-A-17 & CHANNEL TIE-IN		20/1
20/1	S-040	SERVER CORNER RED SWITCH BOX	180	19	A	18	800	0	S-546 ICE TEA BREWER		20/1
20/1	S-381	CO2 SENSOR / WARNING	540	25	A	22	480	0	U-024 D/T COMMS SYS BASE STATION		20/1
20/1	S-381	CO2 SENSOR / WARNING	540	25	A	24	380	0	C-107 REHEAT/ALYZER		20/1
20/1	UTILITY RECEPTACLE		180	27	A	26	0	0	C-400 TIMER		20/1
20/1	UTILITY RECEPTACLE		180	29	B	28	0	0	S-248 KITCHEN MONITOR		20/1
20/1	UTILITY RECEPTACLE		0	31	A	30	0	0	S-504 D/T TANKING SYSTEM		20/1
20/1	S-504	D/T TANKING SYSTEM	0	31	A	32	180	0	S-544 FOD BREWER		20/1
20/1	P-462	HOT WATER DISPENSER	2013	35	B	34	864	0	S-547 FOD BREWER		20/1
20/1	S-027	HEATED CABINET	1920	39	A	36	0	0	C-048 DUAL VARI FRYER		20/1
20/1	S-027	HEATED CABINET	1920	39	B	38	0	0	S-048 DUAL VARI FRYER		20/1

PANEL D (3 PH, 4W, 225, MLO BOTTOM) Summary: Connected VA 0, Demand Factor 1.25, Demand VA 0.

BKR	NOTE	LOAD DESCRIPTION	VA	CKT	PHASE	MOUNTING	ENCLOSURE	FLUSH	REMARKS	NOTE	BKR
20/3	W-493	WALK-IN COOLER	1521	3	A	2	0	0	SPACE		20/1
20/1	W-493	WALK-IN FREEZER	1521	5	A	4	0	0	SPACE		20/1
13/3	W-493	WALK-IN FREEZER	1521	5	A	6	420	0	1-0.5 METER & SYSTEM (ALU) ZN		20/1
1	1	1	1321	9	B	10	294	0	S-513 ICE MACHINES SS & D/T		15/1
1	1	1	13	11	A	12	1306	0	S-513 ICE MACHINE CONDENSER		20/2
20/1	SPARE		0	15	B	14	1306	0	1		20/2
20/1	SPARE		0	17	A	16	1306	0	S-513 ICE MACHINE CONDENSER		20/2
20/1	N-043	POWER SOAK	1169	19	A	18	1180	0	EF-2		20/1
20/1	E-276	HOOD FIRE SUPPRESSION SYS.	720	23	A	20	0	0	SPACE		20/1
20/1	IRRIGATION TIMER		390	25	A	22	0	0	UTILITY RECEPTACLES		20/1
20/1	E-276	HOOD FIRE SUPPRESSION SYS.	720	23	A	24	0	0	SPACE		20/1
20/1	E-276	HOOD FIRE SUPPRESSION SYS.	720	23	A	26	1800	0	1800 EF-1 (HROD)		20/1
20/1	E-276	HOOD FIRE SUPPRESSION SYS.	720	23	A	28	0	0	SPACE		20/1
20/1	E-276	HOOD FIRE SUPPRESSION SYS.	720	23	A	30	0	0	SPACE		20/1
20/1	E-276	HOOD FIRE SUPPRESSION SYS.	720	23	A	32	0	0	UTILITY RECEPTACLES		20/1
20/1	E-276	HOOD FIRE SUPPRESSION SYS.	720	23	A	34	420	0	UTILITY RECEPTACLES		20/1
20/1	E-276	HOOD FIRE SUPPRESSION SYS.	720	23	A	36	0	0	SPACE		20/1
20/1	E-276	HOOD FIRE SUPPRESSION SYS.	720	23	A	38	0	0	SPACE		20/1
20/1	E-276	HOOD FIRE SUPPRESSION SYS.	720	23	A	40	0	0	UTILITY RECEPTACLES		20/1
20/1	E-276	HOOD FIRE SUPPRESSION SYS.	720	23	A	42	0	0	UTILITY RECEPTACLES		20/2

PANEL SCHEDULE NOTES
E EXISTING CIRCUIT TO REMAIN
G GFI CIRCUIT BREAKER
IG ISOLATED GROUND CIRCUIT
LC ROUTE CIRCUIT HOMERUN VIA LIGHTING CONTRACTOR REFER TO DETAIL ON E6 0
LF PROVIDE PADLOCK ATTACHMENT FOR MAINTENANCE LOCKOUT OF CIRCUIT BREAKER
LO PROVIDE LOCK-ON DEVICE FOR CIRCUIT BREAKER
ST SHUNT TRIP CIRCUIT BREAKER
LR CIRCUIT SHALL BE WIRED THRU THE LIGHTING CONTROL RELAY. REFER TO DETAIL ON E6 0
V VERIFY BRANCH CIRCUIT BREAKER AND WIRE REQUIREMENTS WITH ACTUAL EQUIPMENT PROVIDED

LOAD SUMMARY TACO BELL

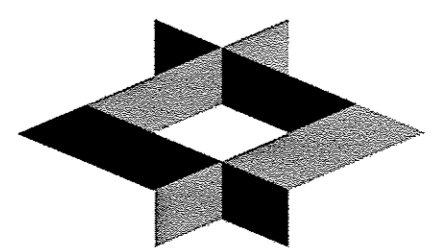
LOAD DESCRIPTION	CONNECTED LOAD (VA)	DEMAND LOAD (VA)
GENERAL LIGHTING	13396	16745
HVAC	43196	43196
MOTORS	0	0
GENERAL RECEPTACLES	4720	4720
IRRIGATION	390	390
REHEAT/ALYZER	1336	1336
HEATERS	4563	4563
MISCELLANEOUS	16712	16712
TOTALS	141946	128242
CALCULATED FACILITY LOAD (VA) =	393.7	366.0
LOAD AMPS AT SYSTEM VOLTAGE (SELECT BELOW) =		
200V 3-Phase		

DETAIL NOT USED

LOAD SUMMARY

DETAIL NOT USED

DETAIL NOT USED



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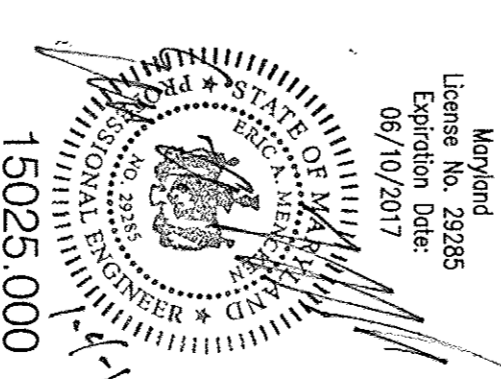


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DA\PROJECT: 1500228

DESIGNED BY: RPB
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Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed Professional Engineer in the State of Maryland.
License No. 29265
Expiration Date: 09/10/2017



15025.000

ADDRESS CHANGE 01/04/2016

DATE: JULY 15, 2015
BUILDING TYPE: MED-40-MOOD
PLAN VERSION: JUNE 2015
SITE NUMBER:
ENTRY NUMBER:

1 1300 HOLTON LANE
TAKOMA PARK, MD 20912

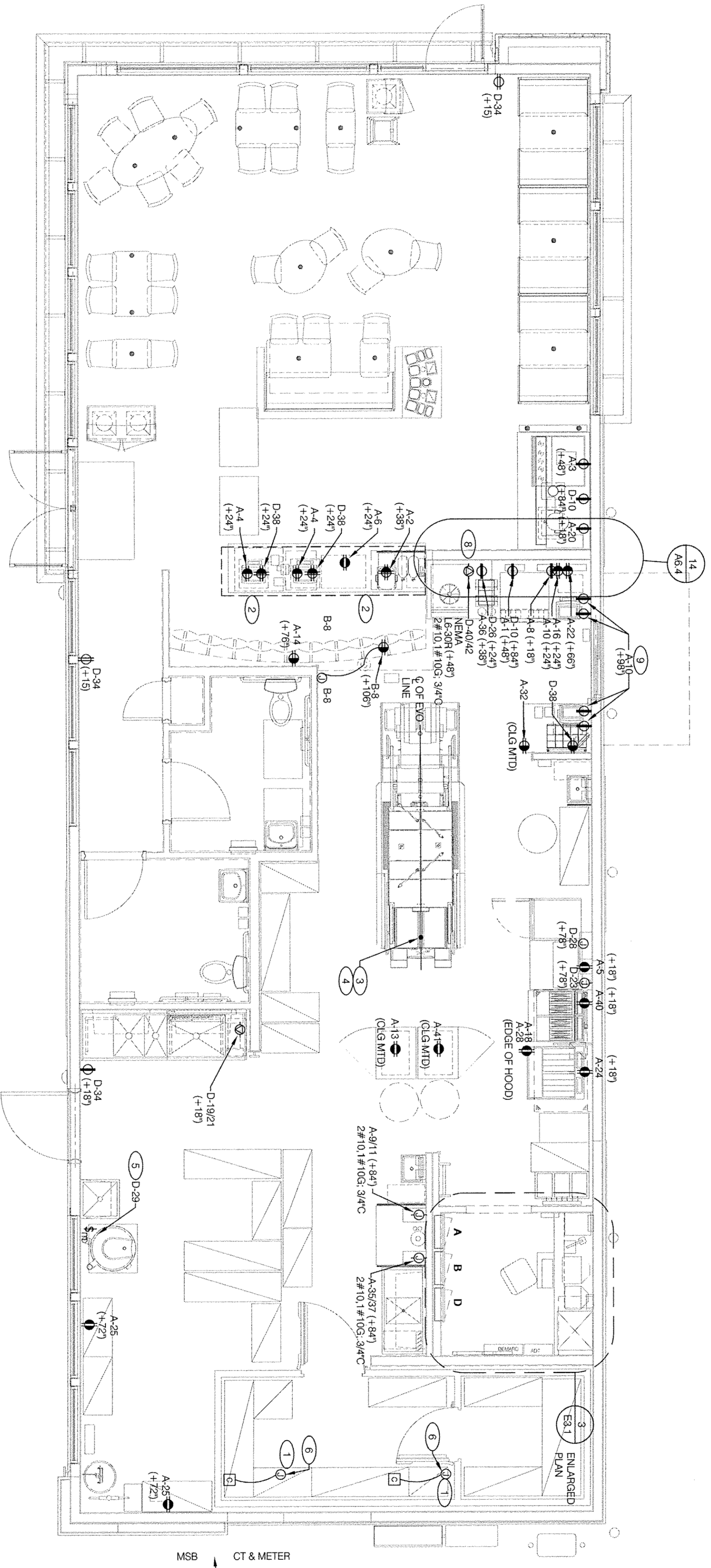


LIVE MAS
MENULINK40 - MODIFIED

POWER
FLOOR PLAN

E3.0

PLOT DATE: 1-04-16



NOTE: ALL NEW GFCI OUTLETS GFCI CIRCUIT BREAKERS MAY BE USED.

POWER PLAN 1/4"=1'-0"

- 1 REFER TO ROOF PLAN.
- 2 INSTALL IN CONDUIT RUNNING ON SURFACE OF KITCHEN SIDE OF CABINERY REAR WALL.
- 3 CONNECT COOK LINE CIRCUIT BREAKER PANEL VIA UTILITY CHASE IN CEILING TO A 3 HOLE. RECEPTACLES WITH ACTUAL EQUIPMENT SPECIFIED. THE MANUFACTURER WILL FULLY PRE-WIRE THE COMPLETE COOK LINE AT THE FACTORY. THE UNITS WILL THEN BE FILLED APART FOR SHIPPING PURPOSES. ALL CONNECTION POINTS WILL BE MARKED. THE CONDUIT RUNS WILL BE COVERED UP FROM INSULATION. SOME ELECTRICAL CONNECTIONS FROM THE ROUGH-IN LOCATION TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX IN ADDITION TO THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR THE ELECTRICAL CONTRACTOR WILL BE FULLY RESPONSIBLE FOR MAKING THE PROPER FIELD CONNECTIONS TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX. SOME ELECTRICAL CONNECTIONS TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX MAY ALSO BE REQUIRED.
- 4 EQUIPMENT CABINET.
- 5 PROVIDE MOTOR RATED SWITCH FOR DISCONNECTING MEANS FOR WATER HEATER.
- 6 INSTALL CONTROL CABLE FROM FREEZER/COOLER FAN COIL TO ROOF MOUNTED CONDENSER.
- 7 LOCATE SWITCHGEAR PER GUIDELINES ON SHEET A4.0. SEE NOTE 16.
- 8 PROVIDE BOOST TRANSFORMER (209V, 1-PHASE IN, 240V, 1-PHASE OUT) FOR FROZEN BEVERAGE DISPENSER.
- 9 WALL MOUNTED HIVE. SEE 16E3.1
- 10 ELECTRICAL EQUIPMENT ENCLOSURES SHALL BE NEMA 1 FOR INTERIOR AND NEMA 3R FOR EXTERIOR. IN COASTAL REGIONS THE STANDARD FOR OUTSIDE SHALL BE NEMA 3R.
- 11 PER NEC ALL 15 AND 20A, 120V RECEPTACLES IN COMMERCIAL KITCHENS ARE REQUIRED TO BE GFCI PROTECTED. THIS INCLUDES ISOLATED GROUND RECEPTACLES.
- 12 DO NOT MEASURE/LOCATE OUTLETS ON DRAWINGS. USE DIMENSIONS PROVIDED.
- 13 CONDUIT MAY RUN UNDER SLAB AT G.C.'S DISCRETION.
- 14 E.C. SHALL PROVIDE A PERMITTED SELF-ADHESIVE LABEL ON ALL POS RECEPTACLES STAYING POS USE ONLY.
- 15 PROVIDE ESCUTCHEON PLATES AND SEALANT AT ALL UTILITY PENETRATIONS INTO WALLS, CEILING, AND FLOORS. DO NOT USE GYPSUM OR EXPANSION FOAM FOR SEALANT.
- 16 MC CABLE ALLOWED WHERE ACCEPTABLE BY CODE. ALL WIRE SHALL BE CONCEALED UNO.
- 17 ALL DIMENSIONS TO J-BOXES ARE FROM FACE OF STUD TO CENTER OF BOX. UNO.
- 18 ALL CONDUIT PROPS ARE INSIDE WALLS UNO. SEE ARCH. DWGS FOR WALL DIMS.
- 19 ALL J-BOX CIRCUITS, CONDUITS, FIXTURES, ETC. SHALL BE AS INDICATED ON THE ELEC DWGS AND SPECS.
- 20 CONTRACTOR SHALL VERIFY UNDERGROUND CONDUIT LOCATIONS PRIOR TO POURING SLAB.
- 21 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE DATA ON THE LOCATION OF ELECT ROUGH-INS WITH INFO PROVIDED ON THE ARCH. AND STRUCT. DWGS AND THE EQUIPMENT ACTUALLY SUPPLIED, AND TO CONFIRM THE CORRECTNESS OF ANY DIMENSIONS HEREIN.
- 22 LOCATIONS OF ALL OUTLETS MAY BE RELOCATED TO NEAREST STUD. DO NOT CUT INTO STUDS.
- 23 FOR EXACT LOCATIONS OF KITCHEN & MECHANICAL EQUIPMENT AND POINTS OF CONNECTION REFER TO KITCHEN & MECHANICAL EQUIPMENT DRAWINGS AND MANUFACTURERS SHOP DRAWINGS.
- 24 ALL CIRCUIT FEEDERS AND DISCONNECTS SHALL BE SIZED PER NEC.
- 25 CONTRACTOR SHALL VERIFY CIRCUIT BREAKER, DISCONNECT SWITCH, STARTER, AND FUSE SIZES WITH SELECTED EQUIPMENT MANUFACTURERS SHOP DRAWINGS PRIOR TO PLACING ORDER AND PROVIDE EVERYTHING AS REQUIRED.

NOT USED
N.T.S.
E

POWER PLAN GENERAL NOTES
C

KEY NOTES
B

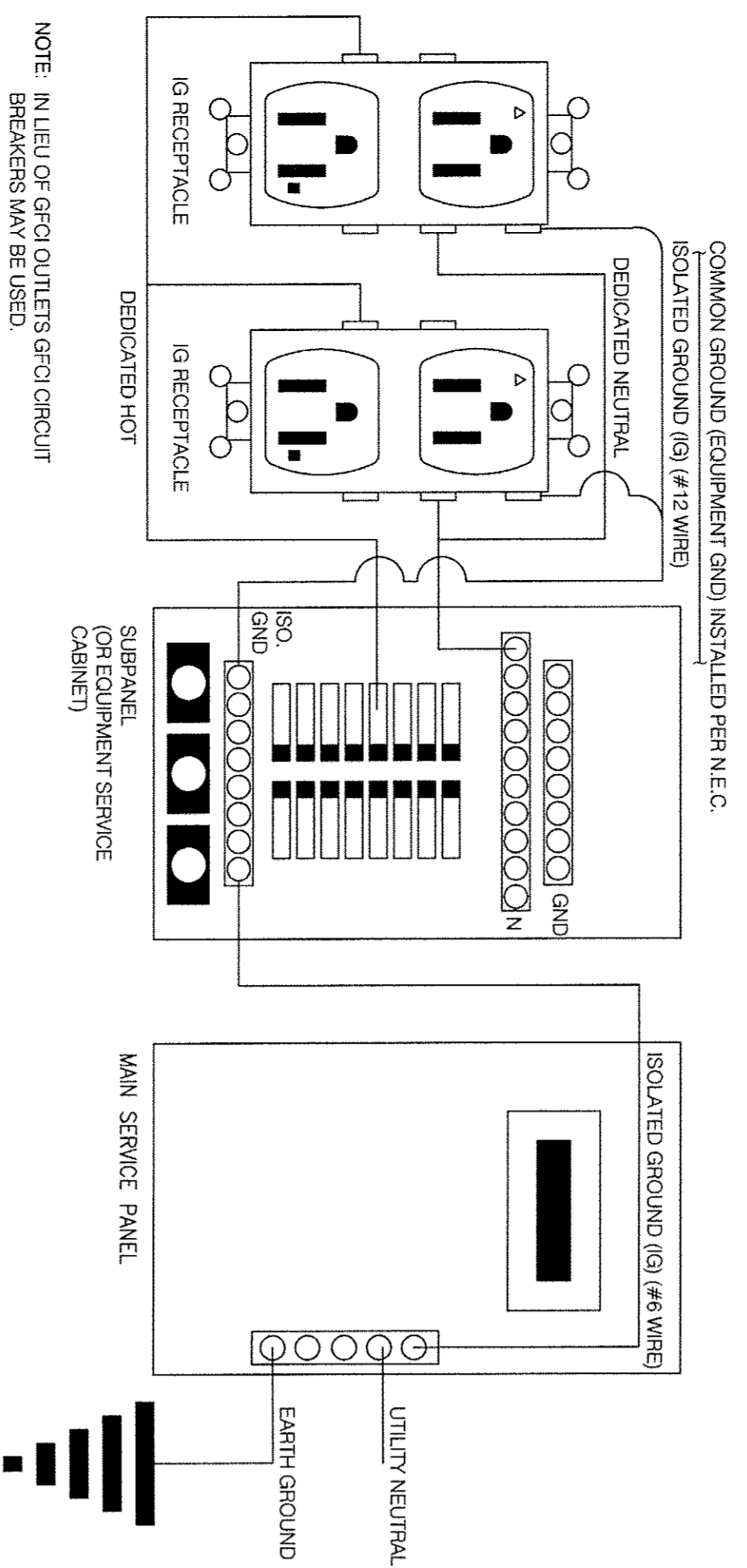
THE DEDICATED PDS POWER CIRCUIT REQUIRES AN ISOLATED GROUND IN ADDITION TO THE NORMAL COMMON BUILDING GROUND. THE ISOLATED GROUND WIRE SERVES TWO PURPOSES:

- AS A ZERO REFERENCE POINT FOR ALL PDS DIGITAL LOGIC.
- AS A ZERO REFERENCE POINT FOR ALL PDS DIGITAL LOGIC.

THE GROUND MUST EXHIBIT THE LOWEST POSSIBLE IMPEDANCE TO MINIMIZE VOLTAGE TRANSIENTS AND NOISE BE SURE TO:

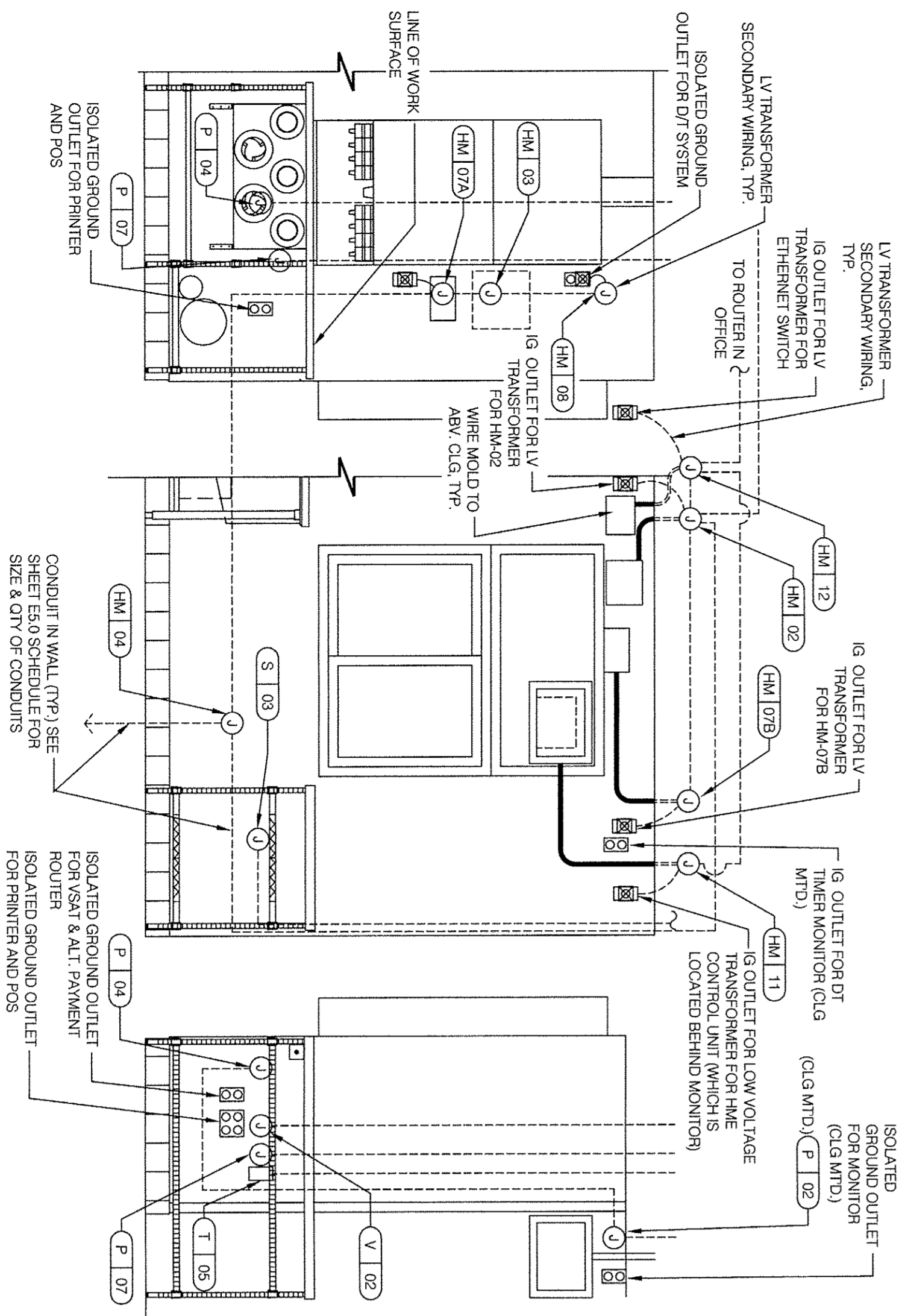
- USE AN ISOLATED CONDUCTOR FOR THE ISOLATED GROUND WIRE.
- RUN THE ISOLATED GROUND WIRE THROUGH THE SAME CONDUIT AS THE HOT AND NEUTRAL WIRES.
- INSTALL ONLY ISOLATED GROUND (IG) TYPE RECEPTACLES.
- CONNECT THE ISOLATED GROUND WIRE TO BUILDING GROUND ONLY AT THE MAIN SERVICE PANEL.
- CONNECT THE ISOLATED GROUND WIRE TO COMMON SUPPLIED EQUIPMENT HAVE A TIELE ISOLATED GROUND THAT CAN BE TRACED BACK TO THE BUILDING GROUND AT THE MAIN SERVICE PANEL.
- DO NOT CONNECT THE ISOLATED GROUND WIRE TO THE CONDUIT, JUNCTION BOXES, THE FRAME ON A SUBPANEL, OR ANY OTHER METAL SURFACE.

DEDICATED CIRCUITS: DEDICATED CIRCUITS REQUIRE A DEDICATED HOT AND A DEDICATED NEUTRAL THAT ARE NOT SHARED WITH ANY OTHER CIRCUITS. IG RECEPTACLES MUST BE PHASE ALIGNMENT WITH THE PHASE OF BUILDING SUBPANEL 'A'.



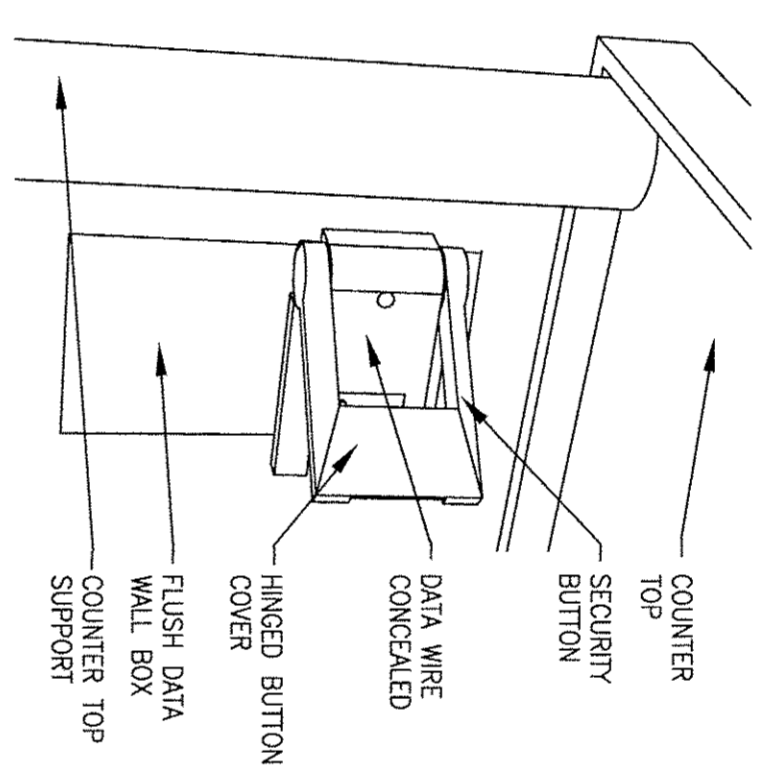
YEW011

P.O.S. ISOLATED GROUND SYSTEM N.T.S. 14

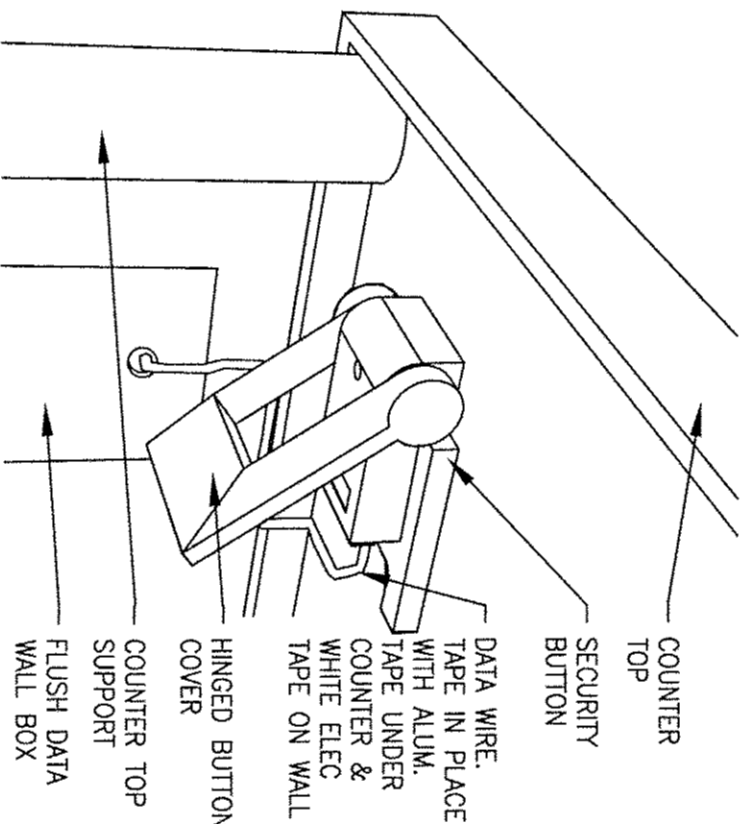


REFER TO COMMUNICATIONS SCHEDULE ON SHEET E5.0 FOR EQUIPMENT DESCRIPTIONS/MOUNTING HTS.

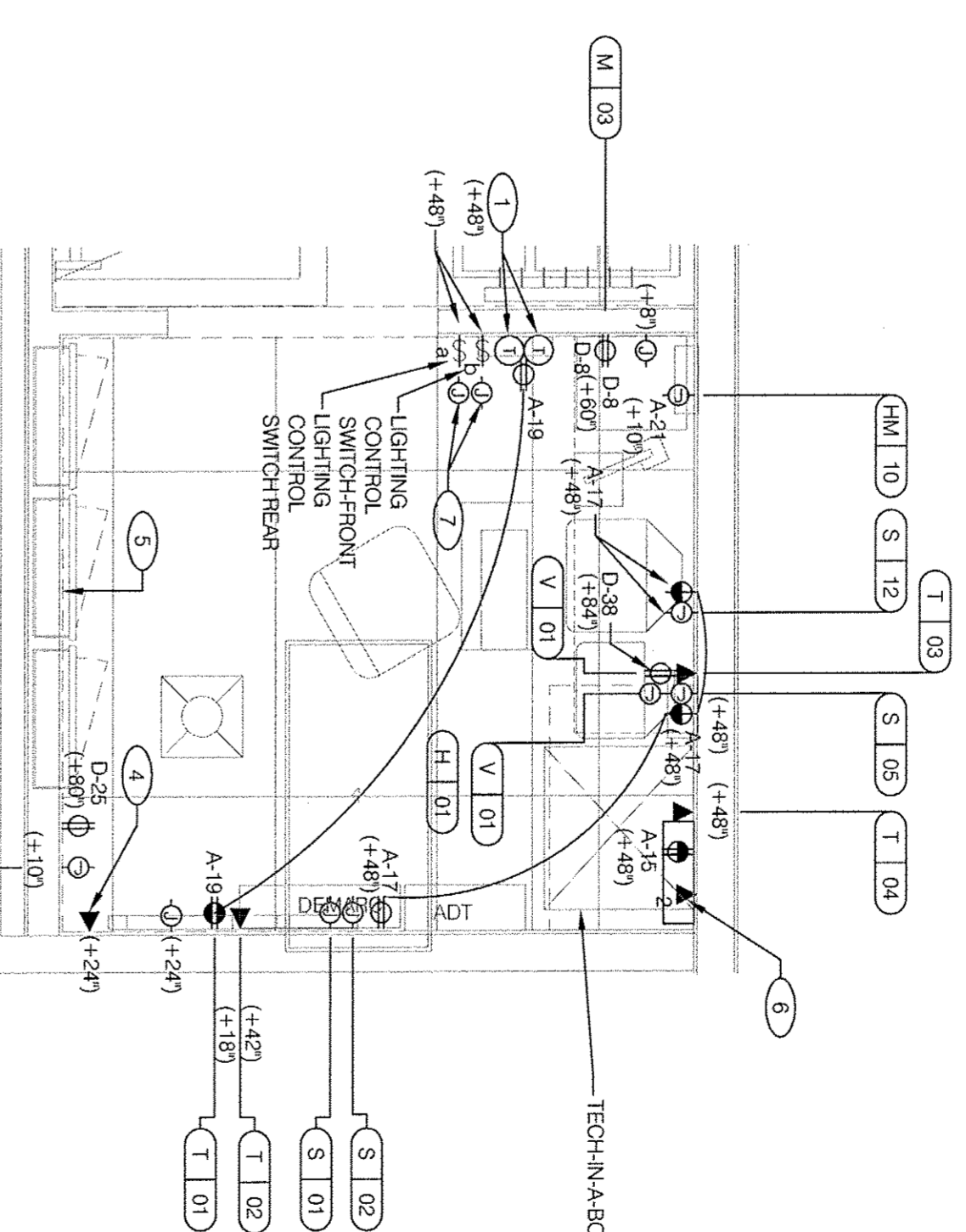
ENLARGED INTERIOR ELEVATION (D/T WINDOW) 1/2" = 1'-0" 16



SECURITY BUTTON ON WALL N.T.S. 5



SECURITY BUTTON UNDER COUNTER N.T.S. 6



ENLARGED POWER AND COMMUNICATIONS PLAN (OFFICE) 1/2" = 1'-0" 3

- ① THERMOSTATS CONTROLS.
- ② NOTE NOT USED.
- ③ NOTE NOT USED.
- ④ PHONE JACK FOR MODEM.
- ⑤ LOCATION OF FAN & LIGHT CONTROL BOX. COORDINATE EXACT LOCATION IN FIELD.
- ⑥ DATA JACK FOR TECH-A-BOX WITH 2 PORTS.
- ⑦ JUNCTION BOX AT 4'-6" FOR ROOF TOP UNIT REMOTE SMOKE DETECTOR TEST/PRESET SWITCH.

NOT USED N.T.S. 8

KEY NOTES N.T.S. A



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DA/PROJECT: 15002/26

DESIGNED BY: RPB
CHECKED BY: RAG
Professional Certification: I hereby certify that these documents were prepared or approved by duly licensed professional engineer under the laws of the State of Maryland License No. 29285
Expiration Date: 09/30/2017

15025_000

ADDRESS CHANGE: 01/04/2016

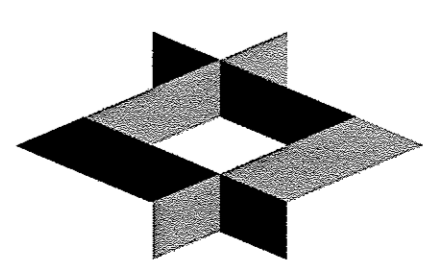
DATE: JULY 15, 2015
BUILDING TYPE: MED-40-MCD
PLAN VERSION: JUNE 2015
SITE NUMBER:
ENTRY NUMBER:

LIVE M&S
MEDIUM-40 - MODIFIED

ENLARGED POWER PLAN AND DETAILS

E3.1

PLOT DATE: 1-04-16



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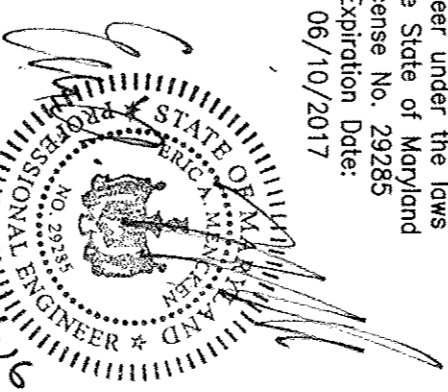


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DA/PROJECT: 1500228

DESIGNED BY: RPB
 CHECKED BY: RAG

Professional Certification:
 I hereby certify that these documents were prepared or approved by me or under my direct supervision and I am a duly licensed professional engineer under the laws of the State of Maryland License No. 292285 Expiration Date: 09/10/2017



15025.000

ADDRESS CHANGE 01/04/2016

DATE:	JULY 15, 2015
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SITE NUMBER:	
ENTR. NUMBER:	

1307 HOLLTON LANE
 TAKOMA PARK, MD 20912

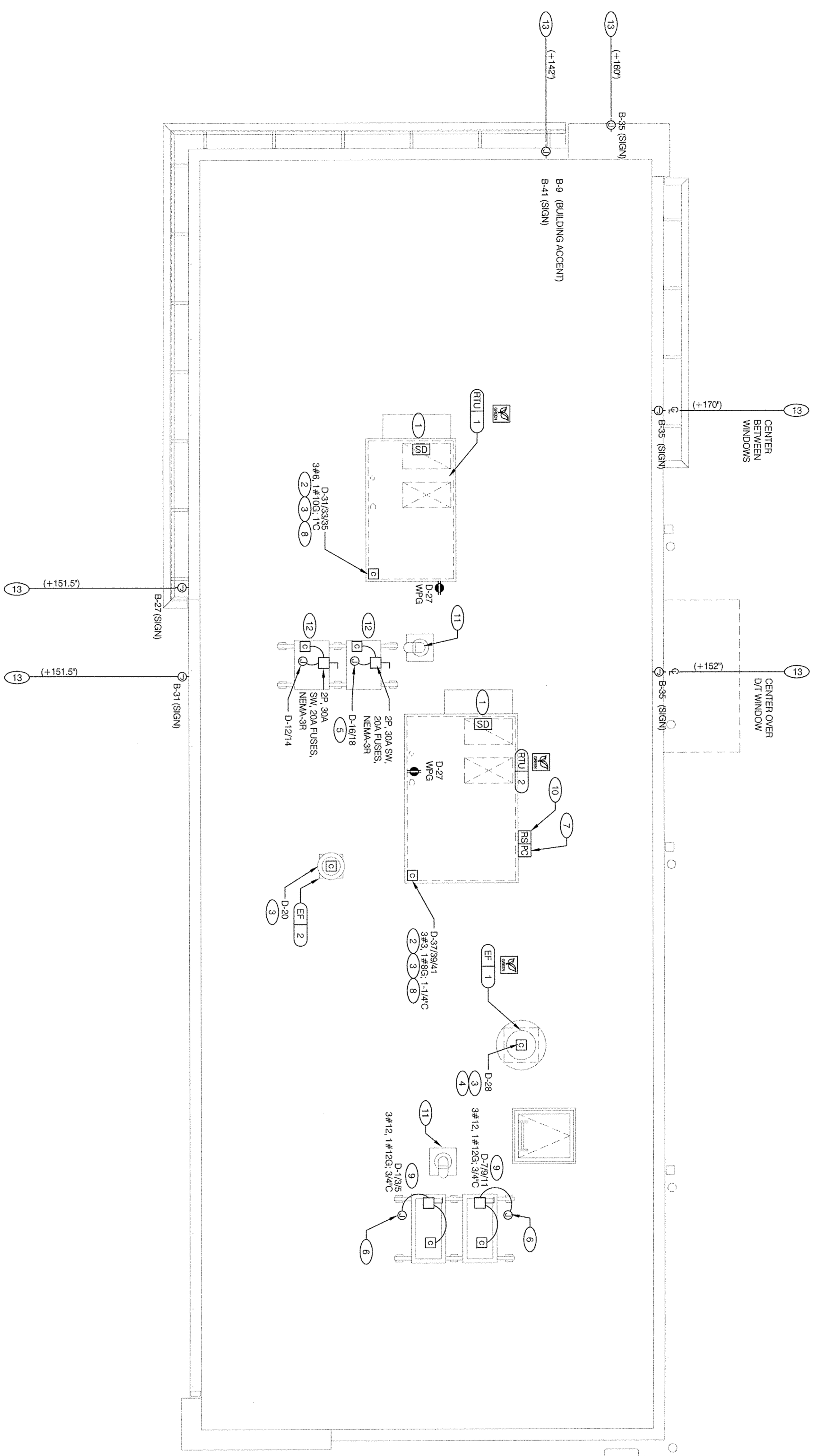


LIVE MAX
 MEDIUM - MODIFIED

POWER ROOF PLAN

E3.2

1-04-16



POWER ROOF PLAN 1/4"=1'-0"

- A. NO CONDUIT SHALL BE FASTENED DIRECTLY TO OR THROUGH ROOFING MEMBRANE.
- B. ALL CUTS IN ROOFING MEMBRANE SHALL BE MINIMAL AND IN ACCORDANCE WITH ROOFING MFRS AND INSTALLERS RECS. PENETRATIONS SHALL BE GULCHED AND SEALED.
- C. REFER TO MECH. DWGS FOR MECHANICAL EQUIPMENT ELECTRICAL RECS.
- D. ALL EXPOSED ELECTRICAL CONDUITS SHALL PENETRATE ROOF MEMBRANE AT PIPE HOODS UNO.
- E. REFER TO ELECT. EQUIP. SCHEDULE AND ELECT. ROUGH-IN PLAN.
- F. ALL CONDUITS FROM EXHAUST FANS SHALL BE ROUTED INSIDE OF CURB.
- G. ALL CONDUITS TO AND FROM RTU SHALL BE ROUTED INSIDE OF RTU CURB.
- H. REFER TO GENERAL NOTES SHEET E-01 FOR IMPORTANT INFORMATION.
- I. ALL WIRING AND CONDUITS SHALL BE CONCEALED. NO CONDUITS PERMITTED TO RUN UNLESS SPECIFICALLY NOTED OTHERWISE.
- J. MC CABLE ALLOWED WHERE ACCEPTABLE BY CODE.

- 1 PROVIDE CONNECTION FROM RETURN AIR DUCT SMOKE DETECTORS TO MECH CONTROL CIRCUIT PER DETAIL 265.0, AND FIRE ALARM SYSTEM (IF PRESENT).
- 2 SPECIFY RTUS SUPPLIED WITH THRU THE BASE ELECTRICAL CONNECTIONS AND FACTORY INSTALLED HACR CIRCUIT BREAKER WITH WEATHER TIGHT ENCLOSURES AND ACCESS THRU SWINGING DOOR.
- 3 POWER AND CONTROL ENTRY FROM BOTTOM OF UNIT.
- 4 CONNECT TO EF-1 RELAY. SEE LIGHTING PLAN FOR EXACT LOCATION.
- 5 1/2" C. WITH REED CONDUCTORS TO LABOX IN CEILING ABOVE ICE MACHINE. MAKE CONNECTION TO DE MACHINES AND CONDENSING UNIT.
- 6 REFER TO POWER PLAN FOR CONTINUATION TO COOLER/FREEZER.
- 7 MOUNT PHOTOCELL ON NORTH SIDE OF RTU-2. CONNECT TO EXTERIOR LIGHTING CONTROL PANEL.
- 8 RTUS SHALL BE PROVIDED WITH BUILT-IN DISCONNECT, SINGLE POINT WIRING AND CONVENIENCE OUTLET.
- 9 CONTRACTOR SHALL VERIFY CIRCUIT BREAKER TYPE, STARTER, DISCONNECT SWITCH, AND RISE SIZE (IF REQUIRED) WITH SELECTED EQUIPMENT.
- 10 ALL WIRING AND CONDUITS SHALL BE CONCEALED. NO CONDUITS PERMITTED TO RUN UNLESS SPECIFICALLY NOTED OTHERWISE.
- 11 RAIN SENSOR.
- 12 PIRE HOOD. SEE 9A6.0
- 13 ELECTRICAL CONTRACTOR SHALL MAKE ALL ELEC. CONNECTIONS INCLUDING ALL NECESSARY INTERCONNECTIONS BETWEEN THE COMPRESSOR ON THE ROOF & THE EVAPORATOR IN THE ICE MACHINE AS REQD. REFER TO THE MFRS SHOP DWGS FOR EXACT INSTALL. & INTERCONNECTION ROOMS. PRIOR TO ROUGH-IN INSTALL. COORDINATE LOCATION OF LABOX WITH SIGN VENDOR. SEE SCOPE OF WORK. PROVIDE DISCONNECTING MEANS FOR SIGN PER MEC.

NOT USED

NOT USED

NOT USED

POWER ROOF PLAN NOTES

KEY NOTES

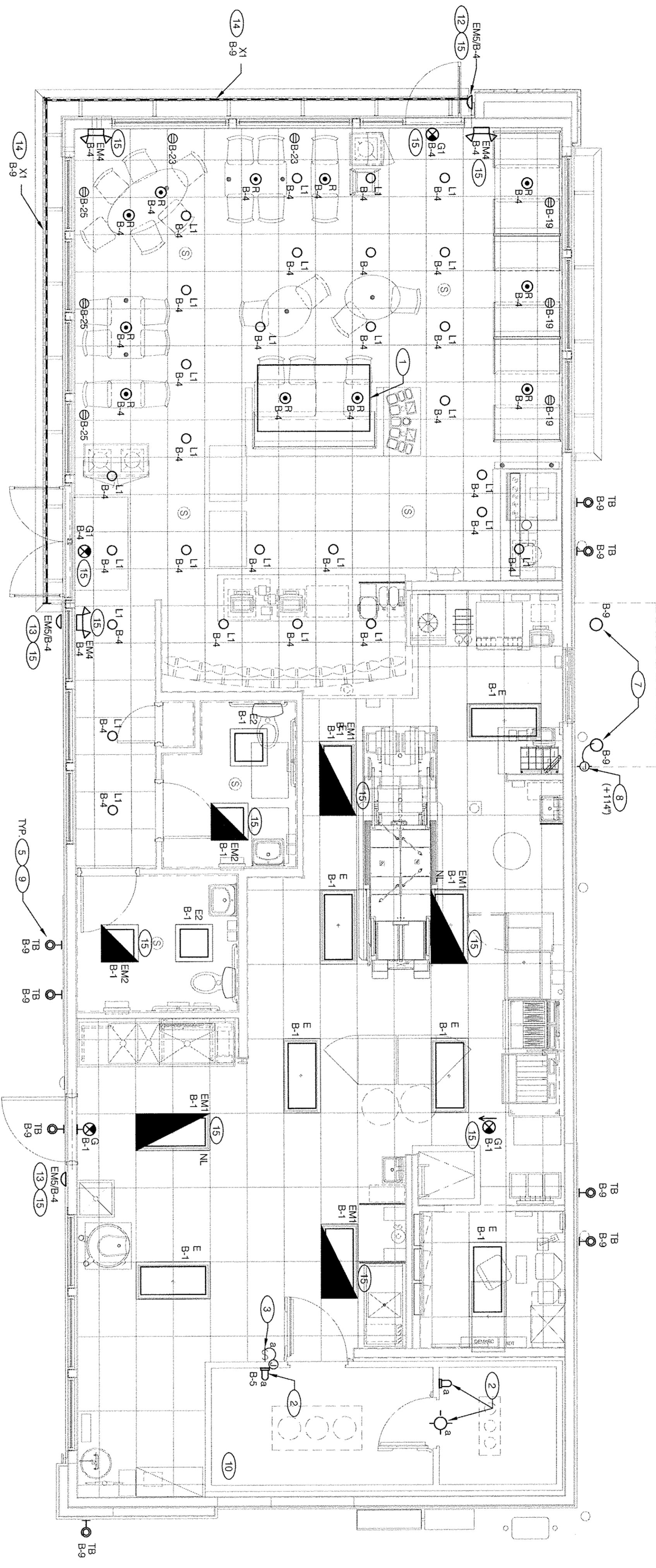
F

E

D

C

B



NOTE:
CONTRACTOR SHALL VERIFY ALL QUANTITIES OF LIGHT FIXTURES. NOT ALL FIXTURE TYPES MAY BE USED.

NO.	LOCATION	MFR./CATALOG NUMBER	DESCRIPTION	#	LAMP TYPE	MOUNTING	H.T.	VOLT	WATT	REMARKS
E	KITCHEN & OFFICE	PHILIPS DAV-8R1E 27GLEDB1856-4-FS-2P-UNV-SDIM	2x41-GHND LED TROFFER	-	LED	RECESSED	30	120	30	PRISMATIC LENS
E1	KITCHEN	PHILIPS DAV-8R1E 27GLEDB1856-4-FS-2P-UNV-SDIM	2x41-GHND LED TROFFER	-	LED	RECESSED	30	120	30	PRISMATIC LENS
E2	RESTROOM	PHILIPS DAV-8R1E 27GLEDB1856-4-FS-2P-UNV-SDIM	2x2 LED TROFFER	-	LED	RECESSED	15	120	15	FLANGE CONVERSION KIT
E2	RESTROOM	PHILIPS DAV-8R1E 27GLEDB1856-4-FS-2P-UNV-SDIM	2x2 LED TROFFER	-	LED	RECESSED	15	120	15	FLANGE CONVERSION KIT
E2	RESTROOM	PHILIPS DAV-8R1E 27GLEDB1856-4-FS-2P-UNV-SDIM	2x2 LED TROFFER	-	LED	RECESSED	15	120	15	FLANGE CONVERSION KIT
E4	EXTERIOR	THOMAS+MASTELI EMERGENCY LIGHT	EMERGENCY LIGHT	2	LED	WALL	18	120	18	UNSWITCHED
G	KITCHEN	LIHTROLER EMERGENCY LIGHT	EMERGENCY LIGHT	-	-	WALL	4	120	4	UNSWITCHED
G1	DINING	LIHTROLER EMERGENCY LIGHT	EMERGENCY LIGHT	-	-	WALL	4	120	4	UNSWITCHED

NO.	LOCATION	MFR./CATALOG NUMBER	DESCRIPTION	#	LAMP TYPE	MOUNTING	H.T.	VOLT	WATT	REMARKS
L1	DINING	ACCUSENY #00395-016-R05-CTRB	DOWNLIGHT LED	1	LED	RECESSED	10.5	120	10.5	RECESSED
R	DINING	ACCUSENY BES0286-082	OPAL GLASS PENDANT	1	11W LED	PENDANT	11	120	11	LAMP (BAY) ED WARM
TB	EXTERIOR	ACCUSENY 05247-051 / 052	WALL SCONCE / CUSTOM DARK BRONZE FINISH	2	18W PAR38 LED	WALL	36	120	36	AUTONOTION OF FIXTURES MOUNTING CHANGE IN ERS THICKNESS
TC	EXTERIOR	HILITE H41B-24L	GOOSENECK LIGHT	1	LED	WALL	31	120	31	WALL MOUNTING
XI	EXTERIOR	ADULIGHT #L4-APX-6KX-G2	LED STRIP LIGHT	1	LED	WALL	1	120	328FT	BY SIGN VENDOR
A	SITE	EG-F-275LA-641A-UNV-99P	SINGLE EXTR POLE MOUNTED W/FLAT LENS	1	LED	POLE	208	211V	211	
B	SITE	EG-F-275LA-641A-UNV-99P	POLE MOUNTED W/FLAT LENS	4	LED	POLE	208	211V	844	

LIGHTING FIXTURE SCHEDULE

KEY NOTES

- GENERAL NOTES**
- CONFIRM LIGHTING FIXTURE QUANTITIES WITH SUPPLIER.
 - EXERCISE CARE AND NORMAL LIGHTING MARKED WITH "N.L." SIGNATURE SHALL OPERATE.
 - EMERGENCY LIGHTING NOT MARKED WITH "N.L." SIGNATURE SHALL OPERATE UNDER CONTROL OF LIGHTING SWITCH AS INDICATED. PROVIDE UNSWITCHED CONSTANT HOT TO EMERGENCY BATTERY/BALLAST AND SWITCHED HOT TO NORMAL BALLAST.
 - ALL CONDUITS ENTERING OR LEAVING COOLER/PREHEATER SHALL BE PROVIDED WITH SEALS.
 - ALL INTERIOR LIGHTING ORDNOS TO BE WIRED THRU THE LIGHTING CONTROL RELAYS SEE 27E0.
 - CONTRACTOR TO FIELD VERIFY CEILING TYPE AND PROVIDE PROPER MOUNTING HARDWARE.
 - ALL FIXTURES SUPPLIED WITH LAMPS.

LIGHTING PLAN 1/4"=1'-0"

GENERAL NOTES

- PRE-FABRICATED & PRE-FINISHED SOFFIT. REFER TO A7.1 FOR MORE DETAILS (OF TYPICAL).
- FOR LIGHTING FIXTURES, CONDUIT, CONDUCTORS AND INSTALLATION.
- RESPONSIBILITIES REFER TO SCOPE OF WORK.
- EXHAUST HOOD LIGHT FIXTURES SUPPLIED WITH UNIT. (G.C. TO COMPLETE CIRCUITING).
- COORD. J-BOX LOCATION WITH WOOD FRAMING SO IT REMAINS CONCEALED BEHIND FURNITURE. VERIFY MOUNTING HEIGHT WITH ARCH. DWGS.
- NOTE NOT USED.
- CANOPY DOWN LIGHTS FINISHED WITH CANOPY. (G.C. TO MAKE FINAL CONNECTION).
- J-BOX FOR GANDY LIGHTS. VERIFY POINT OF CONNECTION. ROUTE HOKERUN VIA EXTERIOR LIGHTING CONTRACTOR.
- REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS ON A4.0 AND A4.1 FOR DIMENSIONED LOCATION OF FIXTURE.
- SEAL ALL ELECTRICAL CONDUITS INTO THE WALK-IN COOLER.
- ALERT LIGHT. ONLY APPROXIMATELY 1/8" GAP BETWEEN SEALS USED. DISREGARD IF GENUINE POWER SOURCE USED. SEE SHEET E01 FOR PRE-INSTALLATION.
- MOUNT EMS AT 8'-0" A.F.F. TO CENTER OF FIXTURE.
- MOUNT EMS AT 8'-0" A.F.F. TO CENTER OF FIXTURE.
- REFER TO E2.2 FOR POWER TO FIXTURE "X1".
- CONNECT EMERGENCY BALLAST OR BATTERY BACKUP OF EMERGENCY LIGHT OR EXIT LIGHT TO EMERGENCY BALLAST OR BATTERY BACKUP OF EMERGENCY LIGHT OR EXIT LIGHT. EMERGENCY BALLAST OR BATTERY BACKUP OF EMERGENCY LIGHT SHALL BE WIRED FOR SWITCHED NORMAL OPERATION.

DATE: JULY 15, 2015
BUILDING TYPE: MED-40-KOD
PLAN VERSION: JUNE 2015
SITE NUMBER:
EMTY NUMBER:

1300 HOLLON LANE
 TAKOMA PARK, MD 20912

DEVITA & ASSOCIATES
 PO Box 1506
 Greenville, SC 29602
 Phone: 864-232-8642
 Fax: 864-242-4818
 Email: Corp@devita.com

DAI PROJECT: 15002-26

DESIGNED BY: RPB
CHECKED BY: RAG

Professional Certification: I hereby certify that these documents were prepared or supervised by me or that I am a duly licensed professional engineer under the laws of the State of Maryland License No. 29285 Expiration Date: 05/10/2019

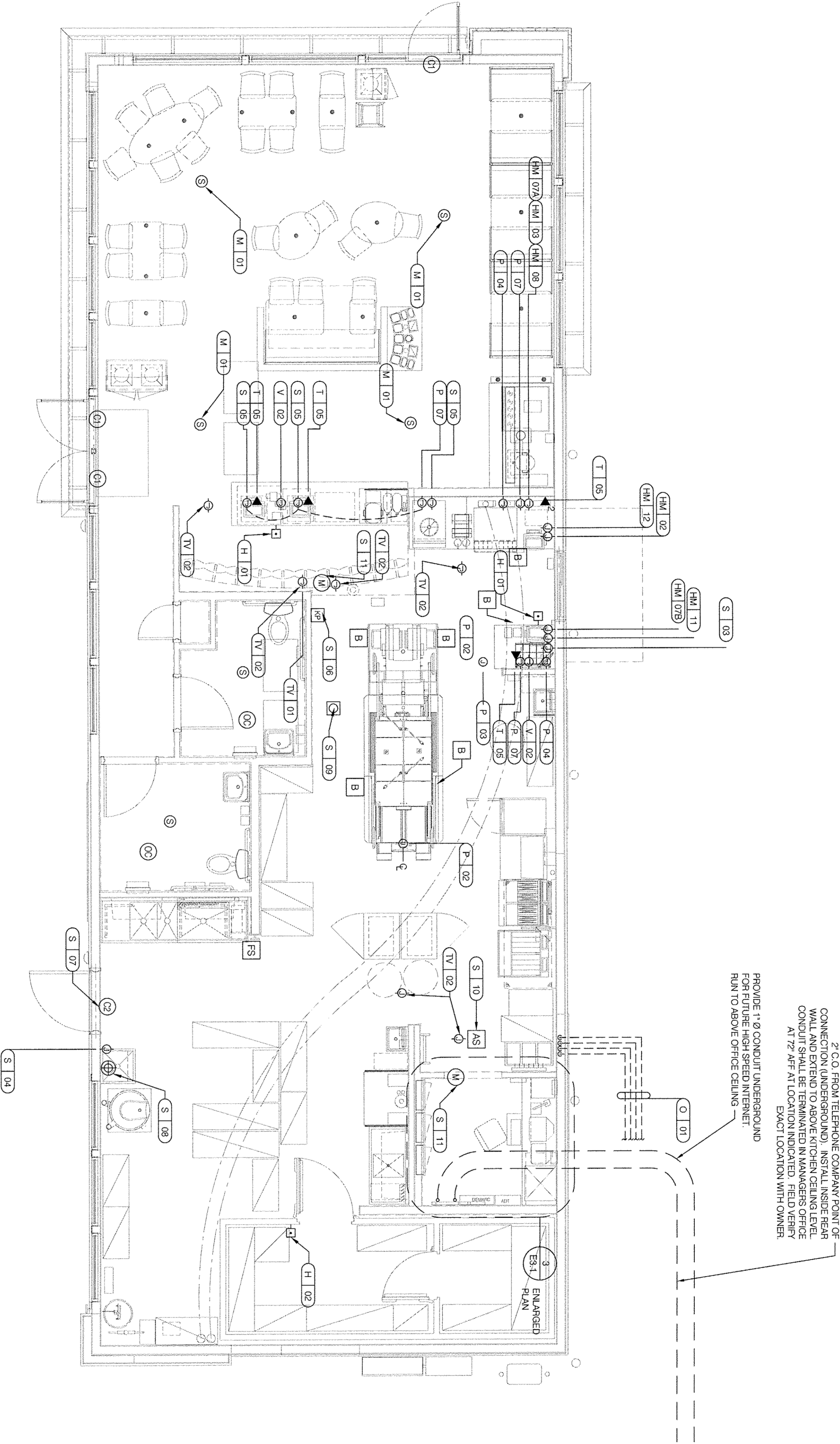
ADDRESS CHANGE: 01.04.2016
 15023/0000
 1-17-16

TRACO LIVE MAS
 MEMPHIS - MODIFIED

LIGHTING PLAN AND SCHEDULE
E4.0

PLOT DATE: 1-04-16

MARK D. MCCLUGGAGE AIA, CCS
 1525 E. Douglas Wichita, KS 67211
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 www.gimv.com



COMMUNICATIONS PLAN 1/4\"/>

- HOLD-UP BUTTON MOUNT 2-1/2\"/>

- ⊗ TECHNICAL-BOX

COMMUNICATIONS LEGEND

- A. SURVEY AND INSTALL OUTLETS AND CONDUIT FOR OWNER SUPPLIED AND INSTALLED CABLE AND LOW VOLTAGE WIRING (U.O.N). TELEPHONE AND MUSIC SYSTEM WIRING SHALL BE SUPPLIED AND INSTALLED. SEE SCOPE OF WORK SHEETS.
- B. SEE SPTS. E3.0 AND E3.1 FOR ELECT. INFO ON POS, SECURITY SYSTEM, CCTV SYSTEM, (OFFICE) COMPUTER, DRIVE THRU TIMER AND DRIVE THRU COMMUNICATION SYSTEM.
- C. THIS PLAN INCLUDES CONDUITS AND J-BOXES FOR POS, SECURITY SYSTEM, CCTV SYSTEM, (OFFICE) COMPUTER, TELEPHONE SYSTEM, MUSIC SYSTEM, DRIVE THRU TIMER AND DRIVE THRU COMMUNICATION SYSTEM.
- D. ALL OUTLETS AND BOXES MOUNTED IN THE SERVING COUNTEER CABINETS ARE TO BE 2X4 AFF. INSTALLED UNLESS OTHERWISE NOTED UNDER CABINET TO NEAREST WALL AND TO ABOVE CEILING.

COMMUNICATIONS NOTES

COM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
H 01	UNDER COUNTER HOLD-UP BUTTON	+18' A.F.F.	SEE DETAIL 6E31.1.
H 02	WALL MOUNTED HOLD-UP BUTTON	+18' A.F.F.	SERVICE W/MT. 2X4 J-BOX ON INSIDE OF HALLWAY COUNTER WALL W/ (1) 1/2\"/>

COM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
S 02	J-BOX SECURITY SYSTEM	+106' A.F.F.	4X4 J-BOX ADJACENT TO T-06 W/ (1) 2\"/>
S 03	J-BOX SECURITY SYSTEM	+89' A.F.F.	2X4 J-BOX W/ (1) 1/2\"/>
S 04	J-BOX SECURITY SYSTEM	+84' A.F.F.	2X4 J-BOX W/ COVER & (1) 1/2\"/>
S 05	J-BOX SECURITY SYSTEM	+24' A.F.F.	2X4 J-BOX W/ 3/4\"/>
S 06	J-BOX SECURITY SYSTEM	+48' A.F.F.	2X4 J-BOX W/ (1) 1/2\"/>
S 07	J-BOX SECURITY SYSTEM	TOP OF JAMB	2X4 J-BOX W/ (1) 1/2\"/>
S 08	SECURITY STROBE LIGHT	CEILING	CONNECT TO SECURITY SYSTEM.
S 09	SECURITY STROBE LIGHT	CEILING	CONNECT TO SECURITY SYSTEM.
S 10	MOTION / HEAT DETECTOR	ABV. CEILING	CONNECT TO SECURITY SYSTEM
S 11	J-BOX SECURITY DIR.	+78' A.F.F.	2X4 J-BOX FOR SECURITY DIR.
S 12	J-BOX SECURITY DIR.	+42' A.F.F.	2X4 J-BOX FOR SECURITY DIR.
T 01	TELEPHONE SERVICE PORT/TERMINAL PANEL AT C.G. PROVIDE FULL SHIELDING IN 2\"/>		
T 02	SECURITY SYSTEM PHONE JACK	+106' A.F.F.	2X4 J-BOX ADJACENT TO S-02 W/ RL-31X PHONE JACK.
T 03	VOICE LINE PHONE JACK	+42' A.F.F.	2X4 J-BOX W/ DOUBLE RL-11 PHONE JACK & 1\"/>
T 04	COMPUTER LINE PHONE JACK	+42' A.F.F.	2X4 J-BOX W/ RL-11 PHONE JACK AND 1\"/>
T 05	CLOSED CIRCUIT TELEVISION (CCTV)	+24' A.F.F.	2X4 J-BOX W/ 1\"/>
TV 01	CCTV MONITOR	+88' A.F.F.	2X4 J-BOX W/ (1) 1/2\"/>
TV 02	SECURITY CAMERA	+90' A.F.F.	MINIDOME CAMERA W/TO BTLN. OF MENU BOARD BULKHEAD. 2X4 J-BOX W/ (1) 1/2\"/>
TV 03	ALTERNATE PAYMENT ROUTER BOX	+90' A.F.F.	2X4 J-BOX W/ 1/2\"/>
V 02	CREDIT CARD READER (VISA)	+24' A.F.F.	2X4 J-BOX W/ 1/2\"/>

COMMUNICATIONS ROUGH-IN SCHEDULE

B

Taco Bell Interlock Control Box

The intent of the Control Box is to activate or deactivate the following:

- Kitchen lighting
- Exhaust hood exhaust fan
- Make up air / replacement air fan
- Rest room / cook line exhaust fan
- Dining room lighting

Sequence of Operation

Occupied Mode
A team member turns on the kitchen lights by flipping a wall switch, "up" in the manager's office. Placing the kitchen in "Occupied mode" The switch is installed in the office so that the normal action of flipping the switch up breaks power to the lighting controller in the Control Box. The contacts in the lighting controller revert to their normally closed position. This allows power to proceed to the following:

- The restroom and cook line exhaust fan marked "EF-2"
- A light switch in the manager's office for the dining room lights
- The kitchen and rest room lights
- A timer relay for the exhaust hood motor starter marked "EF-1" and a relay (RT) for the make up air / replacement air fan (evaporator fan) in RTU 1 and RTU 2.

The timer relay for the exhaust hood motor starter immediately activates motor starter EF-1 and relay RT. When activated, motor starter EF-1 contacts close providing power to the exhaust hood exhaust fan. It also closes auxiliary contacts that turn on the exhaust hood lights. Activation of relay RT causes the contacts for RTU 1 and RTU 2 to close, returning 24 volts to the evaporator fan controller of each respective unit.

Unoccupied Mode

A team member turns off the kitchen lights by flipping a wall switch, "down" in the manager's office, placing the kitchen in "Unoccupied mode". The switch is installed in the office so that the normal action of flipping the switch down provides power to the lighting controller in the Control Box. The contacts in the lighting controller open from their normally closed position. This breaks power to the following:

- The restroom and cook line exhaust fan marked "EF-2"
- A light switch in the manager's office for the dining room lights
- The kitchen and rest room lights
- Control power to timer relay for the exhaust hood motor starter marked "EF-1" and a relay (RT) for the make up air / replacement air fan (evaporator fan) in RTU 1 and RTU 2.

CONTROL BOX

Taco Bell's supplier of the Control Box is Air-Care Experts. The Control Box includes the box and all components shown within the box and internal wiring between the components.

Primary Contact: Chuck McCabe
Phone: 949 770 2222
Fax: 949 770 5885
Email: cmcabe@aceh-lga.com

Be prepared at time of order or quote to specify the manufacturer of the package units.

The timer relay for the exhaust hood motor starter continues power to motor starter EF-1 and relay RT for the make up air / replacement air fan (evaporator fan) in RTU 1 and RTU 2 for the exhaust hood exhaust fan. It also keeps closed the auxiliary contacts that turn on the exhaust hood lights. Power also continues to relay (RT) for the make up air / replacement air fan (evaporator fan) in RTU 1 and RTU 2. After fifteen minutes without power to the timer, the timer opens contacts to EF-1 motor starter, the auxiliary hood lighting contacts and relay (RT) for the make up air / replacement air fan (evaporator fan) in RTU 1 and RTU 2. This stops power to the exhaust fan and the hood lights. Relay RT opens its contacts interrupting the 24 volts returned to RTU 1 and RTU 2 evaporator fan controllers. RTU 1 and RTU 2 evaporator fans may continue to operate if their respective zone controllers are calling for evaporator fan operation.

In the event of a rise in temperature above 85 degrees in the exhaust hood, control voltage will be sent to the timer relay for the exhaust hood motor starter which will immediately activate motor starter EF-1 and relay RT. When activated, motor starter EF-1 contacts close providing power to the exhaust hood exhaust fan. It also closes auxiliary contacts that turn on the exhaust hood lights. Upon activation of relay RT, the contacts for RTU 1 and RTU 2 close, returning 24 volts to the evaporator fan controller of each unit.

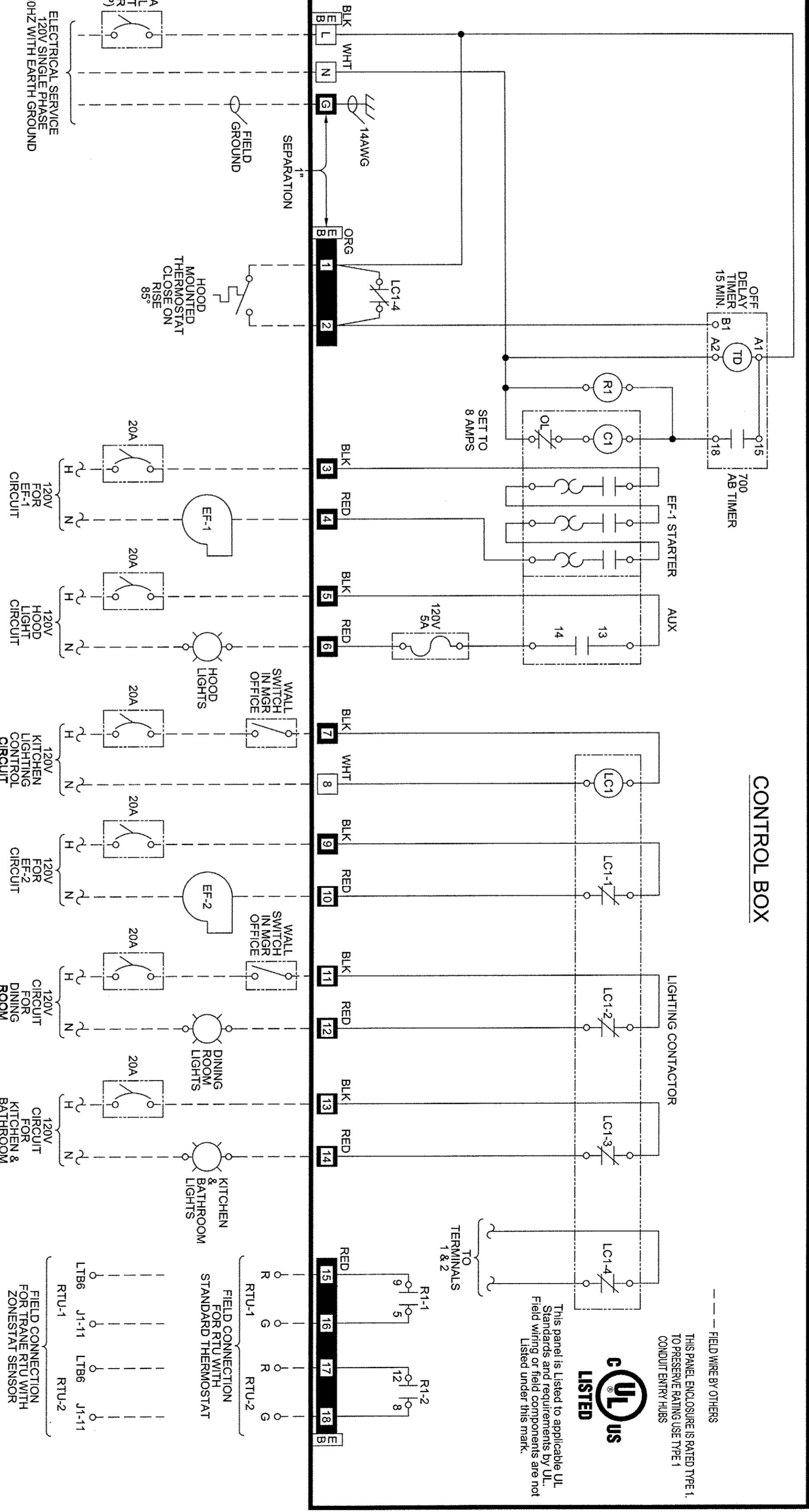
When in Unoccupied mode and upon a drop in temperature below 100 degrees in the exhaust hood, control voltage to the timer relay is dropped however the timer relay for the exhaust hood motor starter continues power to motor starter EF-1 and the relay (RT) for the make up air / replacement air fan (evaporator fan) in RTU 1 and RTU 2 for fifteen minutes after the loss of exhaust fan. It also keeps closed the auxiliary contacts that turn on the exhaust hood lights. Power also continues to relay (RT) for the make up air / replacement air fan (evaporator fan) in RTU 1 and RTU 2. After fifteen minutes without power to the timer, the timer opens contacts to EF-1 motor starter, the auxiliary hood lighting contacts and relay (RT) for the make up air / replacement air fan (evaporator fan) in RTU 1 and RTU 2. This stops power to the exhaust fan and the hood lights. Relay RT opens its contacts interrupting the 24 volts returned to RTU 1 and RTU 2 evaporator fan controllers. RTU 1 and RTU 2 evaporator fans may continue to operate if their respective zone controllers are calling for evaporator fan operation.

External Operations

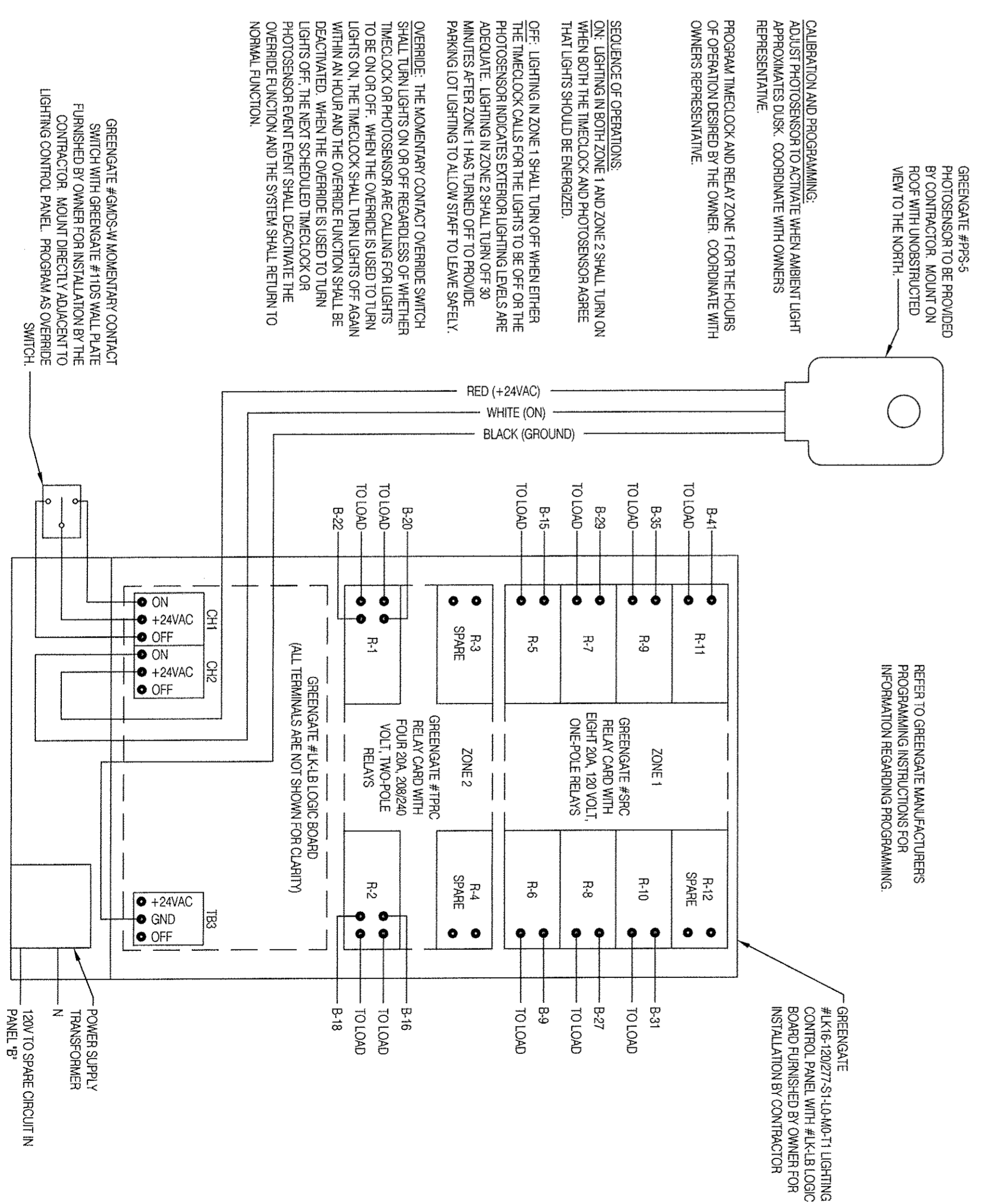
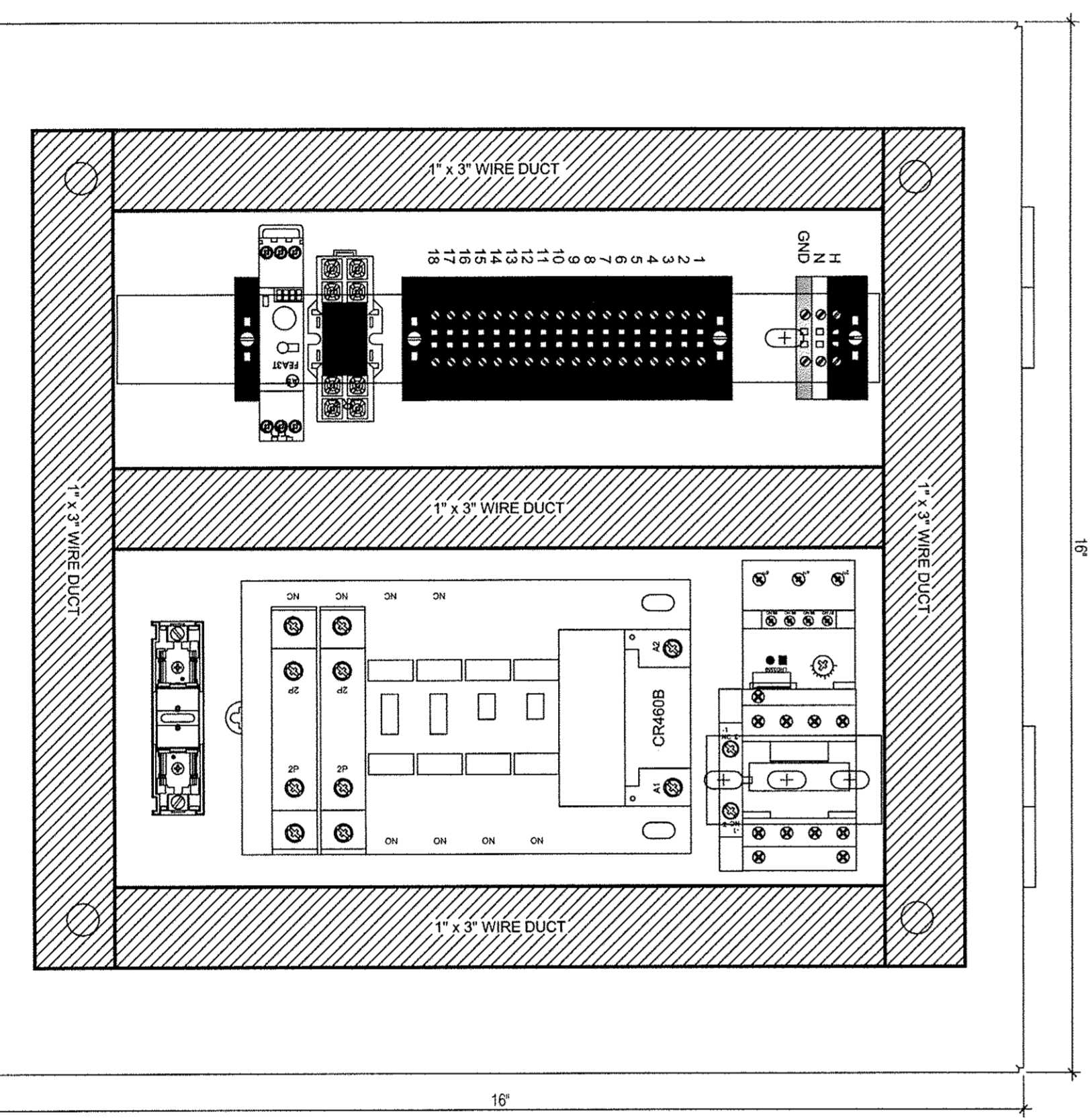
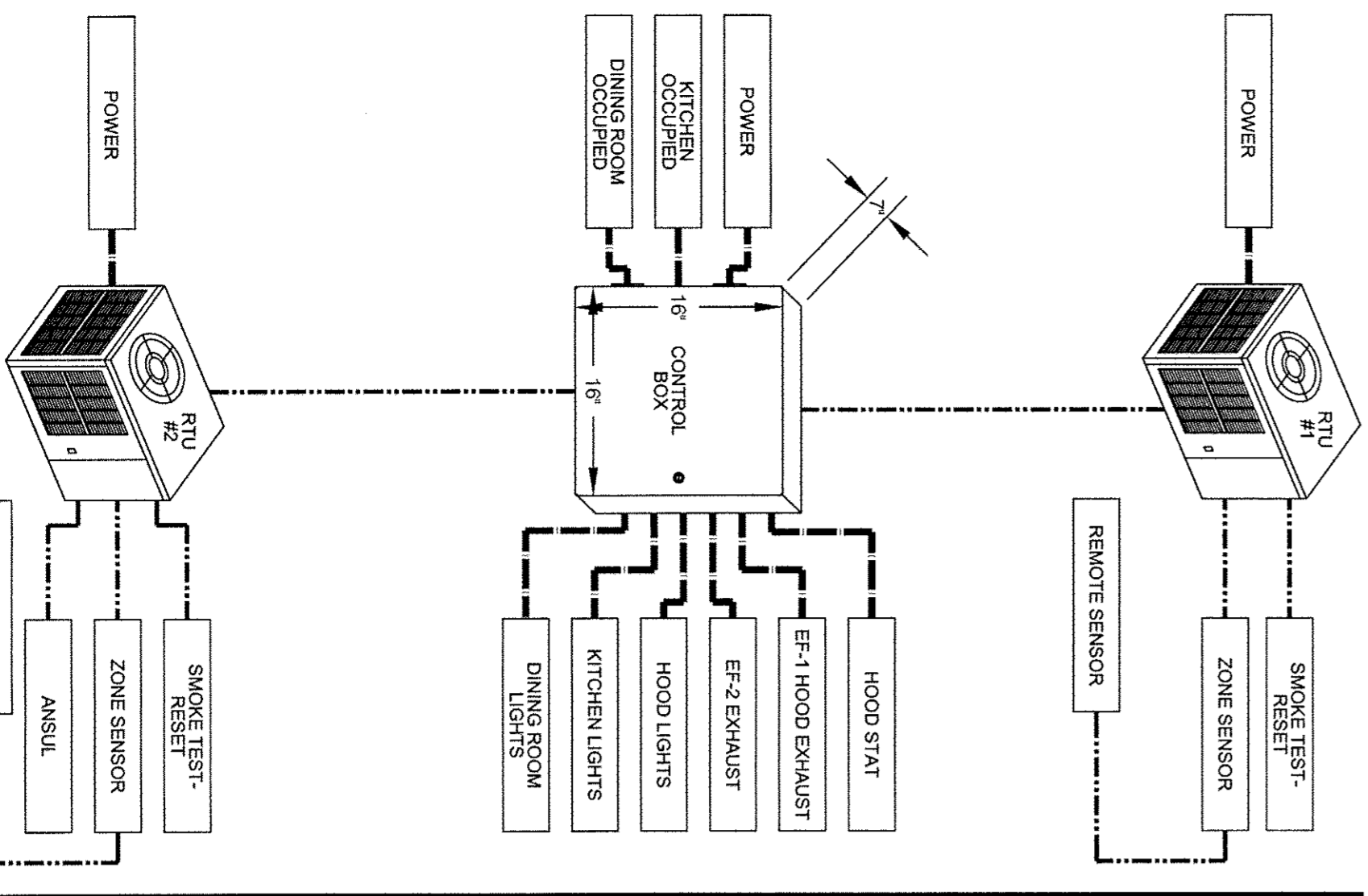
The following operations take place between the package units and various components:

- Control voltage for RTU 2 shall pass through contacts in the fire suppression system for the exhaust hood so that RTU 2 evaporator fan shuts down upon activation of the fire suppression system and RTU 2.
- A remote smoke detector system testing, annunciation and unit reset shall be installed in the manager's office for each RTU. The system shall be wired directly between each RTU and its respective testing, annunciation and reset device.

Be prepared at time of order or quote to specify the manufacturer of the package units.



LIGHTING CONTROL RELAY (REAR) AND HOOD AND HVAC INTERLOCK DETAIL



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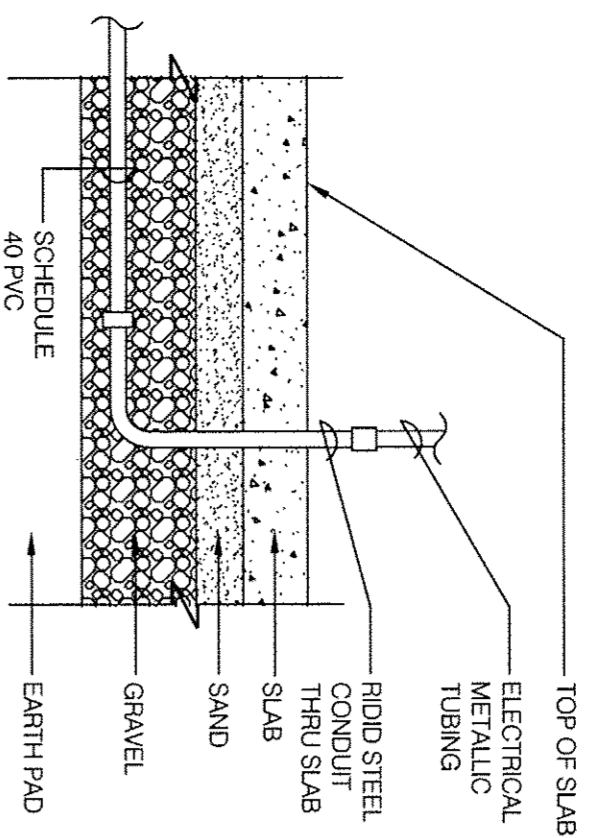
DEVITA & ASSOCIATES
PO Box 1596
Greenville, SC 29602
Phone: 864-232-6642
Fax: 864-242-4878
E-Mail: Corp@devita.com

DAI PROJECT: 15002-28
DESIGNED BY: RPB
CHECKED BY: RAG
Professional Certification:
I hereby certify that these documents were prepared by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
Exhibit No. 04125
06/10/2017

15025.000
ADDRESS CHANGE: 01/04/2016
DATE: JULY 15, 2015
BUILDING TYPE: MED-40-MCDD
PLAN VERSION: JUNE 2015
SITE NUMBER:
ENTRY NUMBER:

1300 HOLLON LANE
TACOMA PARK, MD 20892

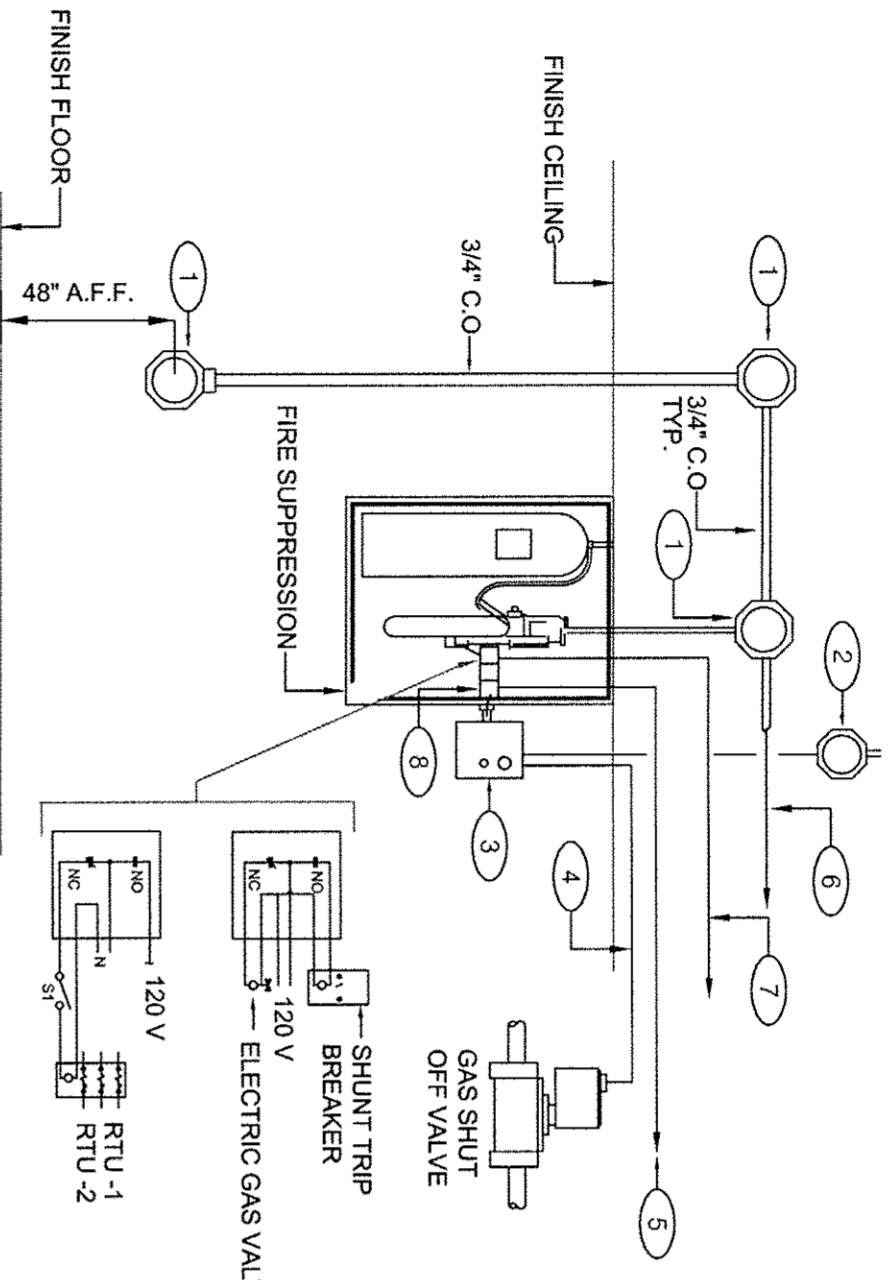
E6.0
ELECTRICAL DETAILS
LIVE MAS
MEDIUM-40 - MODIFIED



NOTE: GREEN GROUND WIRE FROM ALL CONDUITS SIZED PER NEC REQUIREMENTS

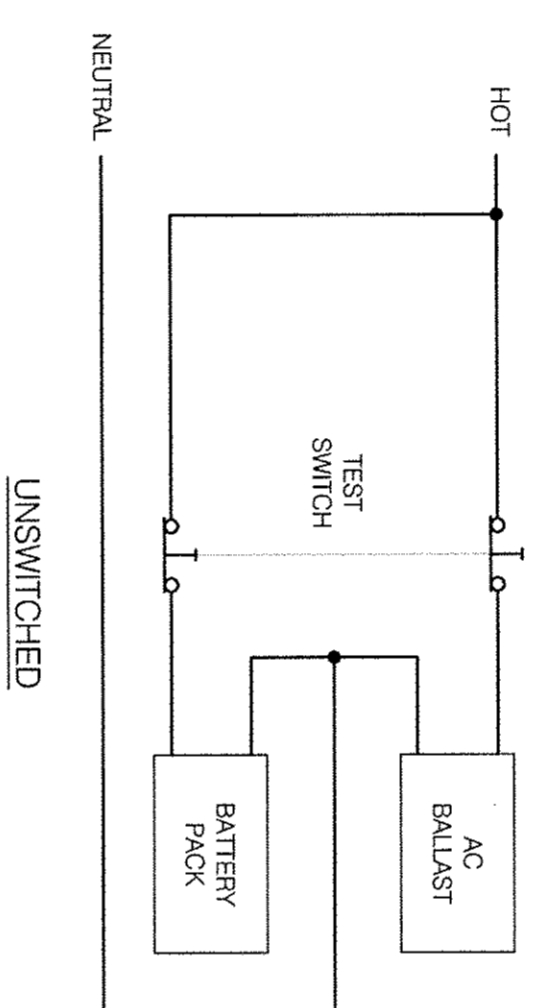
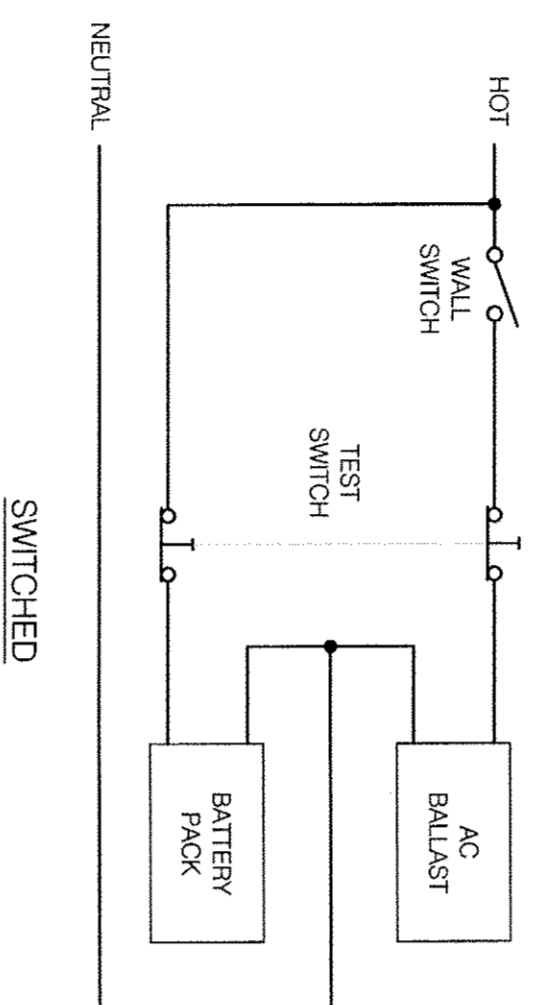
YES001

UNDER SLAB CONDUIT N.T.S. **17**

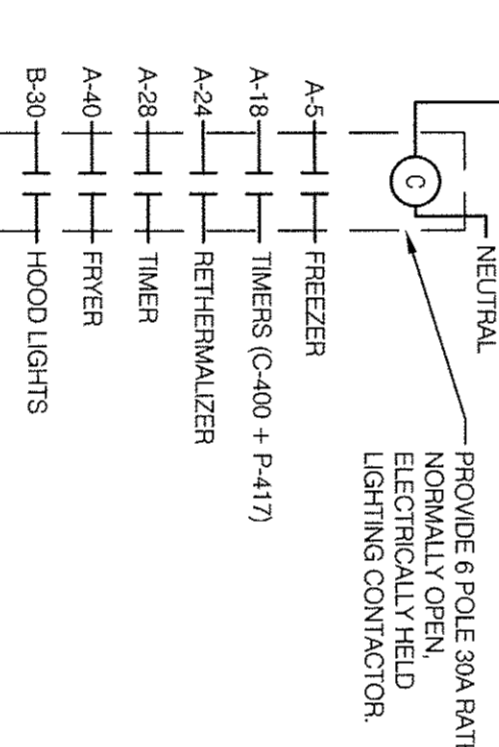


GENERAL NOTES:
 1. REFER TO SHEET MS-0
KEY NOTES:
 1. PROVIDE 4\"/>

FIRE SUPPRESSION SYSTEM WIRING DIAGRAM N.T.S. **9**

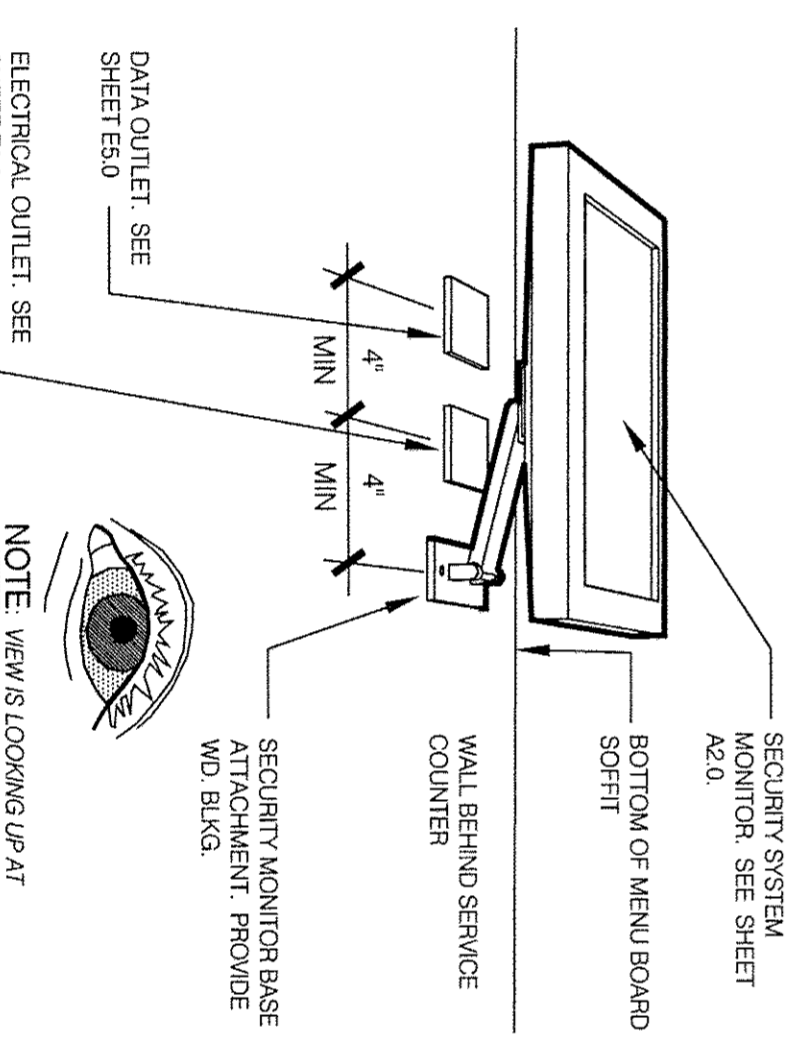


TYPICAL EMERGENCY BATTERY PACK DETAIL N.T.S. **10**

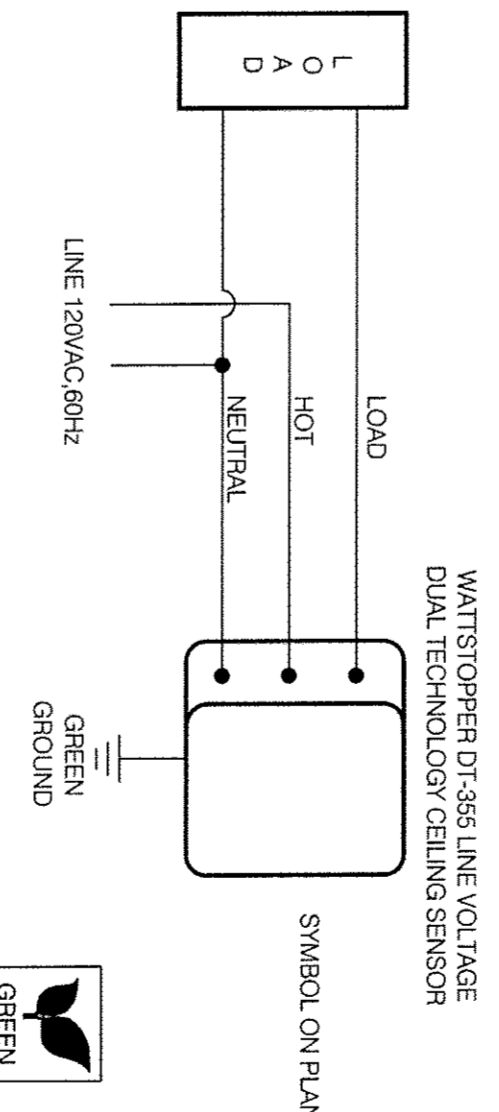


SEQUENCE OF OPERATION:
 UPON ACTIVATION OF ANY HOOD FIRE SUPPRESSION SYSTEM, THE SYSTEM SHALL DEENERGIZE THE SYSTEM AND CAUSE THIS RELAY TO DEENERGIZE, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE HOOD. EXHAUST FANS SHALL NOT BE AFFECTED BY THIS ACTION AND SHALL CONTINUE TO BE CONTROLLED AS INDICATED IN THE SEQUENCE OF OPERATIONS INDICATED IN DETAIL 0250.

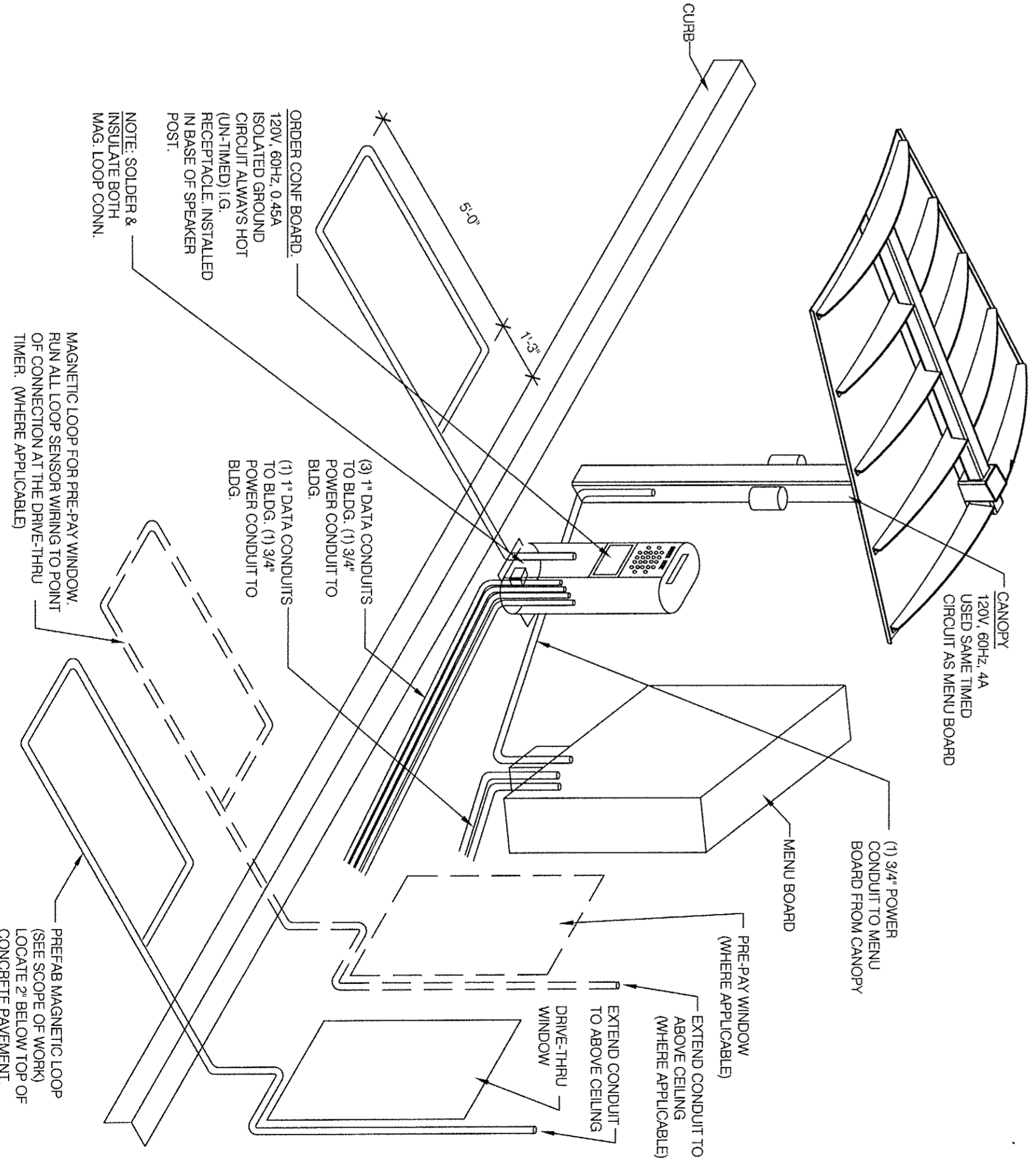
SHUNT TRIP DETAIL N.T.S. **11**



POWER/DATA @ SECURITY MONITOR N.T.S. **12**



CEILING OCCUPANCY SENSOR WIRING DIAGRAM N.T.S. **2**



DRIVE-THRU COMMUNICATIONS ISOMETRIC N.T.S. **4**

NOT USED N.T.S. **1**

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DAI PROJECT: 15002-28
DESIGNED BY: RPB
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 Professional Certification. I hereby certify that these documents were prepared by me, and I am a duly licensed professional engineer under the laws of the State of Maryland.
 License No. 29285
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15025.000
 ADDRESS CHANGE 01/04/2016
 DATE: JULY 15, 2015
 BUILDING TYPE: MED-40-KOD
 PLAN VERSION: JUNE 2015
 SITE NUMBER:
 ENTRY NUMBER:
 1300 HOLLTON LANE
 TAKOMA PARK, MD 20912
LIVE MAS
 MEDIUM-40 - MODIFIED
E7.0
ELECTRICAL DETAILS
 PLT DATE: 1-04-16