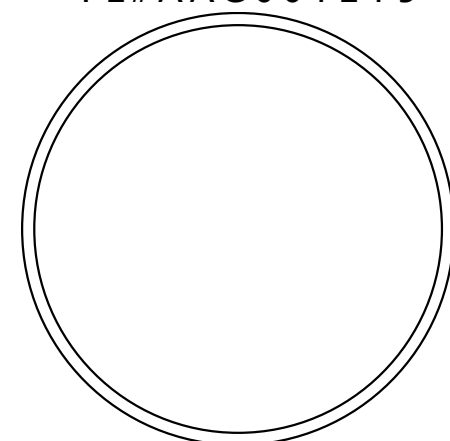




LEROY COLLINS LEON COUNTY PUBLIC LIBRARY SYSTEM - LAKE JACKSON BRANCH, LEON COUNTY COMMUNITY CENTER & HUNTINGTON OAKS SHOPPING CTR. RENOVATION BID DOCUMENTS

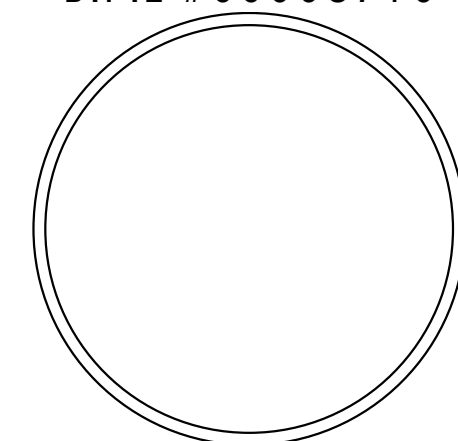
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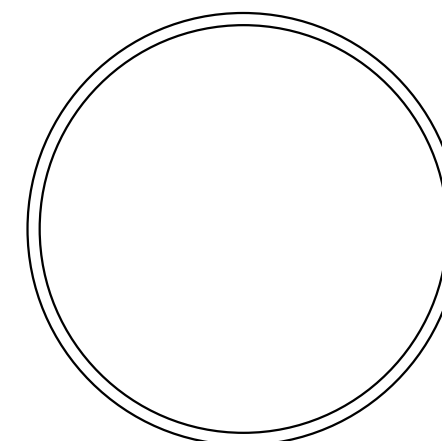
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TALLAHASSEE, FLORIDA 32312
PHONE: 850.297.0440
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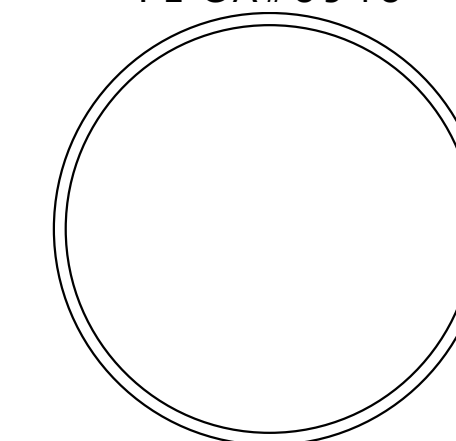
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LEON COUNTY
LIBRARY- LAKE
JACKSON BRANCH

0908.001

BID DOCUMENTS

DOUG SHULER
dshuler@jparchitects.com

Phase	Drawn	Phase	Check	Date
AAB	SD	JOHNSON		06/25/10
DSHULER	50%DD	JOHNSON		10/15/10
DSHULER	100%DD	JOHNSON		12/08/10
DSHULER	50%CD	JOHNSON		03/08/11
DSHULER	PERMIT	JOHNSON		05/20/11
DSHULER	BID DOC	JOHNSON		08/31/11

#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW

LEON COUNTY PROJECT MGR.

JOHN WARD
LEON COUNTY DIVISION OF
FACILITIES MANAGEMENT
1907 SOUTH MONROE STREET
TALLAHASSEE, FLORIDA 32301
PHONE: 850.606.5022

COVER SHEET

G1.1

ABBREVIATIONS (ARCHITECTURAL)

&	AND	G	GAS
@	AT	GA.	GAUGE
Ø	CENTER LINE	GALV.	GALVANIZED
	DIAMETER, ROUND	GB	GYPSSUM BOARD
'	FEET	GL.	GLASS, GLAZING
"	INCHES	GLB	GLASS BLOCK
%	PERCENT	GMS	GALVANIZED METAL STUD
w	PROPERTY LINE, PLATE	GR.	GRADE
ACOUST.	ACOUSTIC, ACOUSTICAL	G.S.	GYPSSUM SHEATHING
A/C	AIR CONDITIONED	G.W.B.	GYPSSUM WALLBOARD
A.C.U.	AIR CONDITIONING UNIT	GYP.	GYPSSUM
ACT	ACOUSTIC CEILING TILE	GYP BD	GYPSSUM BOARD
A.D.	ACCESS DOOR, AREA DRAIN	H., HT.	HEIGHT
A.F.F.	ABOVE FINISH FLOOR	H/C H'CAP.	HANDICAPPED
ALUM.	ALUMINIUM	HDWR., HW.,	HARDWARE
A.P.	ACCESS PANEL, ACOUSTICAL PANEL	H.M.	HOLLOW METAL
APP.	APPROXIMATE	HORIZ.	HORIZONTAL
APPROX.		HR.	HOUR
ARCH.	ARCHITECTURAL	H.V.A.C.	HEATING, VENTILATION, & AIR COND.
A.T.	ACOUSTIC TILE	H.W.	HOT WATER
BLDG.	BUILDING	I.D., ID	INSIDE DIAMETER
BLK(G).	BLOCKING	IN	INCH(ES)
BOT., BTM.	BOTTOM	INSUL.	INSULATION
BRG., BRNG	BEARING	INT., INTR.	INTERIOR
BT.	BOTTOM	JAN.	JANITOR
BTU	BRITISH THERMAL UNITS	LAM.	LAMINATE
C., CAB.	CABINET	L.B., LBS.	POUNDS
C., CONC.	CONCRETE	L.F.	LINEAR FEET
CFM	CUBIC FOOT PER MINUTE	MAT.	MATERIAL
C.I.P.	CONCRETE IN PLACE,	MAX.	MAXIMUM
	CAST IN PLACE CONCRETE,	MECH.	MECHANICAL(AL)
	CAST IRON PIPE	MED.	MEDIUM
C.J.	CONTROL JOINT	MFD., MFG.	MANUFACTURED
CL., CLO.	CLOSET	MFGR.	MANUFACTURER
CLG.	CEILING	MIN.	MINIMUM, MINUTE
CMU	CONCRETE MASONRY UNIT	MISC.	MISCELLANEOUS
CNTR.	COUNTER	MLDG.	MOULDING, MOLDING
COL.	COLUMN	M.O.	MASONRY OPENING
CONC	CONCRETE	MOD.	MODIFIED
CONST.	CONSTRUCTION	MTL	METAL
CONT.	CONTINUOUS	N.	NORTH
COORD.	COORDINATE	N.I.C.	NOT IN CONTRACT
CFS	CLEAR FLOOR SPACE	NO.	NUMBER
CORR.	CORRIDOR, CORRUGATED	N.T.S.	NOT TO SCALE
CT	CERAMIC TILE	O.H.	OVER HANG
CTR.	COUNTER, CENTER	OPG., OPNG	OPENING
CU.	CUBIC	OPP.	OPPOSITE
C.W.	COLD WATER	P.	PLATE, PROPERTY LINE
C.Y.	CUBIC YARD	PNL.	PANEL
DEPT.	DEPARTMENT	P.T.	PRESSURE TREATED
D.F.	DRINKING FOUNTAIN	PT	PAINT, PAINTED, POINT
DIA.	DIAMETER	P.V.C.	POLYVINYL CHLORIDE
DIAG.	DIAGONAL, DIAGRAM	PVMT.	PAVEMENT
DIM.	DIMENSION	RAD.	RADIUS
DIV.	DIVISION, DIVIDED	RB	RUBBER BASE
DN.	DOWN	R.D.	ROOF DRAIN
DR., D.R.	DOOR, DRESSING ROOM	REC.	RECYCLE
DRWR.	DRAWER	RECP.	RECEPTION
D.S.	DOWNSPOUT	REF., RFG.	REFRIGERATOR
DTL.	DETAIL	REG.	REGLET, REGISTER
DWG	DRAWING	REINF.	REINFORCING(ED)
DWGS	DRAWINGS	REQ'D.	REQUIRED
EA.	EACH	RM.	ROOM
EIFS	EXTERIOR INSULATION FINISH SYSTEM	R.O.	ROUGH OPENING
E.J.	EXPANSION JOINT	R.P.M.	REVOLUTIONS PER MINUTE
ELEV.	ELEVATOR	S	SOUTH, SIMILAR
ELEV., EL.	ELEVATION	SCHED., SCH.	SCHEDULE
EQ., EQL.	EQUAL	S.F.	SQUARE FEET
E.S.	EXPOSED STRUCTURE	SHT.	SHEET
E.W.	EACH WAY	SHTHG.	SHEATHING
E.W.C.	ELECTRIC WATER COOLER	SIM.	SIMILAR
EXH.	EXHAUST	SQ.	SQUARE
EXIST.	EXISTING	SQ.FT.	SQUARE FEET
EXP.	EXPOSED, EXPANSION	S.S., S/S	STAINLESS STEEL
EXT.	EXTERIOR, EXTRUDED	STL.	STEEL
FB	FACE OF BRICK	STOR., STO.	STORAGE
F.D.	FLOOR DRAIN	STRUCT.	STRUCTURAL
F.E.	FIRE EXTINGUISHER	SUPPL.	SUPPLEMENT
F.E.C.	FIRE EXTINGUISHER CABINET	T	TITLE
F.F.	FINISH FLOOR	THRESH.	THRESHOLD
F.F.E.	FINISHED FLOOR ELEVATION	THRU	THROUGH
F.H.C.	FIRE HOSE CABINET	TOIL., T.	TOILET
F.H.&E.C.	FIRE HOSE & EXTINGUISHER CABINET	TP.	TOP
FIG.	FIGURE	TYP.	TYPICAL
FIN.	FINISH	U.N.O.	UNLESS NOTED OTHERWISE
FIXT.	FIXTURE	UR.	URINAL
FL., FLR.	FLOOR	UTIL.	UTILITY
FLASHG.	FLASHING	V.B.	VINYL BASE
FLUOR.	FLUORESCENT	VCT	VINYL COMPOSITION TILE
FNDN.	FOUNDATION	VEST.	VESTIBULE
F.O.S.	FACE OF STUDS	W.	WEST, WIDTH
F.P.	FIRE PARTITION, FIRE PROTECTION	W/	WITH
F.R.	FIRE RATED, FIRE RISER	WAINS.	WAINSCOT
FR.	FRAME	W.C.	WATER CLOSET
FT.	FOOT, FEET	W/C	WHEELCHAIR
FTG.	FOOTING	WD.	WOOD
FURR.	FURRING	WDW	WINDOW
		W.H.	WATER HEATER

LOCATION AND MAPS



LEON COUNTY



FRED GEORGE ROAD AND US HIGHWAY 27

FLORIDA BUILDING CODE FBC-B - 2007 EDITION

FLORIDA BUILDING CODE, EXISTING BLDG (FBC-EB) 2007 EDITION*	
FLORIDA BUILDING CODE, BUILDING (FBC-B) 2007 EDITION*	
FLORIDA BUILDING CODE, MECHANICAL (FBC-M) 2007 EDITION*	
FLORIDA BUILDING CODE, FUEL GAS (FBCFG) 2007 EDITION*	
FLORIDA BUILDING CODE, PLUMBING (FBC-P) 2007 EDITION*	
FLORIDA FIRE PREVENTION CODE (FFPC) 2007 EDITION	
NATIONAL ELECTRICAL CODE (NEC) 2008 EDITION	

*USE 2009 SUPPLEMENTS

FLORIDA BUILDING CODE, EXISTING BLDG (FBC-EB) -
LEVEL 2 - ALTERATION AS DEFINED UNDER THE 2007
FBC-EB* SECTION 404

GENERAL NOTES:

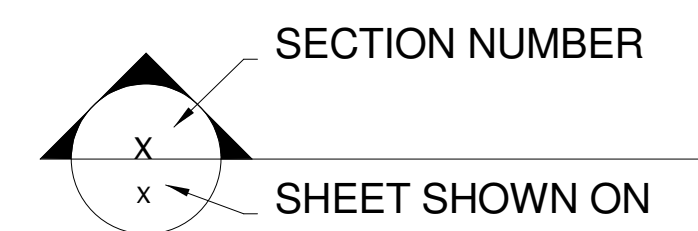
THE CONTRACTOR SHALL MAKE AVAILABLE TO THE BUILDING INSPECTOR ANY DOCUMENTATION NECESSARY TO VERIFY THAT ALL PRODUCTS REQUIRING APPROVAL PER FS 553.842 & 9B-72-FAC ARE IN COMPLIANCE.

INDEX OF DRAWINGS

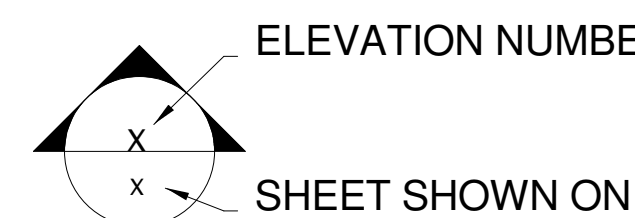
- G1.1 COVER
- G1.2 INDEX SHEET - LIBRARY & COMMUNITY CENTER
- 1 of 3 SURVEY
- 2 of 3 SURVEY
- 3 of 3 SURVEY
- D1.1 LIBRARY & COMMUNITY ROOM DEMOLITION PLAN
- A0.0 LIBRARY HARDSCAPE, LANDSCAPE & EXTERIOR LIGHTING
- A1.0 LIBRARY EXTERIOR VERTICAL ACCESS
- LS1.1 LIBRARY & COMMUNITY ROOM LIFE SAFETY PLAN
- A1.1 LIBRARY & COMMUNITY ROOM FLOOR PLAN
- A1.2 LIBRARY & COMMUNITY ROOM FURNITURE PLAN
- A1.3 LIBRARY & COMMUNITY ROOM REFLECTED CEILING PLAN
- A1.4 LIBRARY & COMMUNITY ROOM FLOOR & WALL FINISH PLAN
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- A8.1 LIBRARY & COMMUNITY ROOM ROOF PLAN
- S0.1 GENERAL NOTES
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- S1.1 FOUNDATION PLAN
- S1.2 FOUNDATION PLAN
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- S2.2 TOWER ONE SECTIONS & DETAILS
- S2.3 SECTION & DETAILS
- S2.4 SECTION & DETAILS
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- S2.6 SECTION & DETAILS
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- E2.2 LIBRARY & COMMUNITY ROOM ELECTRICAL PANEL SCHEDULE
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- M1.1 LIBRARY & COMMUNITY ROOM FLOOR PLAN - HVAC
- M3.1 LIBRARY & COMMUNITY ROOM HVAC SECTION & DETAILS
- M5.1 LIBRARY & COMMUNITY ROOM HVAC DETAILS
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- M6.2 LIBRARY & COMMUNITY ROOM HVAC CONTROLS
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- F1.1 LIBRARY & COMMUNITY ROOM RENOVATION PLAN - FIRE PROTECTION
- P0.1 PLUMBING LEGEND NOTES, SCHEDULES & SHEET INDEX
- PD1.1 LIBRARY & COMMUNITY ROOM DEMOLITION PLAN - PLUMBING
- P1.1 LIBRARY & COMMUNITY ROOM RENOVATION PLAN - PLUMBING
- P2.1 LIBRARY & COMMUNITY ROOM RENOVATION PLAN - PLUMBING - PRESSURE
- P3.1 LIBRARY & COMMUNITY ROOM PLUMBING RISER DIAGRAM

PLAN & SECTION INDICATIONS

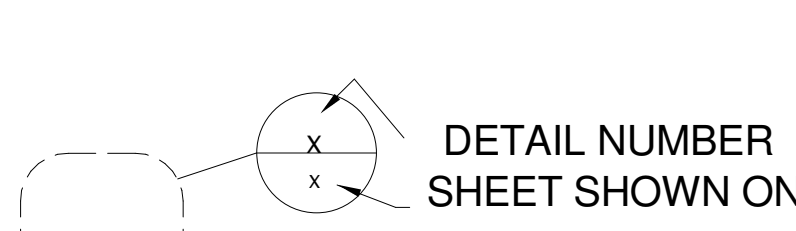
SECTION MARK



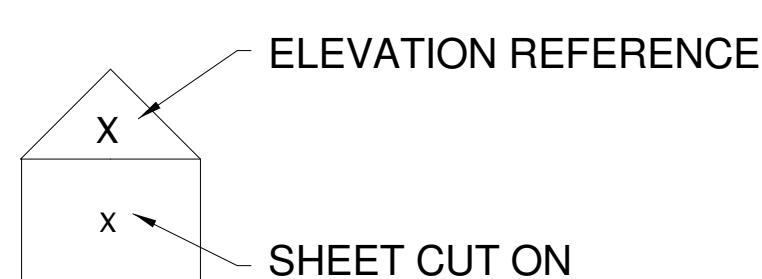
INTERIOR ELEVATION MARK



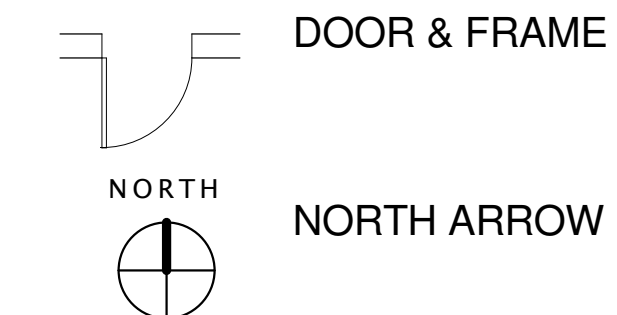
DETAIL MARK



EXTERIOR ELEVATION MARK



ARCHITECTURAL SYMBOLS



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WEBSITE: www.jparchitects.com
REGISTRATION NO.: AA001215

LEON COUNTY
LIBRARY - LAKE
JACKSON BRANCH

0908.001

BID DOCUMENTS

DOUG SHULER
dshuler@jparchitects.com

DRAWN	PHASE	CHECK	DATE
AAB	SD	JOHNSON	06/25/10
DSHULER	50%DD	JOHNSON	10/15/10
DSHULER	100%DD	JOHNSON	12/08/10
DSHULER	50%CD	JOHNSON	03/08/11
DSHULER	PERMIT	JOHNSON	05/20/11
DSHULER	BID DOC	JOHNSON	08/31/11

#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW

INDEX SHEET
LIBRARY &
COMMUNITY
CENTER

ABBREVIATIONS (ARCHITECTURAL)

&	AND	G	GAS
@	AT	GA.	GAUGE
⊙	CENTER LINE	GALV.	GALVANIZED
⊘	DIAMETER, ROUND	GB	GYPSSUM BOARD
'	FEET	GL.	GLASS, GLAZING
"	INCHES	GLB	GLASS BLOCK
%	PERCENT	GMS	GALVANIZED METAL STUD
w	PROPERTY LINE, PLATE	GR.	GRADE
ACOUST.	ACOUSTIC, ACOUSTICAL	G.S.	GYPSSUM SHEATHING
A/C	AIR CONDITIONED	G.W.B.	GYPSSUM WALLBOARD
A.C.U.	AIR CONDITIONING UNIT	GYP.	GYPSSUM
ACT	ACOUSTIC CEILING TILE	GYP BD	GYPSSUM BOARD
A.D.	ACCESS DOOR, AREA DRAIN	H., HT.	HEIGHT
A.F.F.	ABOVE FINISH FLOOR	H/C HCAP.	HANDICAPPED
ALUM.	ALUMINUM	HDWR., HW.,	HARDWARE
A.P.	ACCESS PANEL, ACOUSTICAL PANEL	HDW.	HOLLOW METAL
APP.	APPROXIMATE	H.M.	HORIZONTAL
APPROX.		HORIZ.	HORIZONTAL
ARCH.	ARCHITECTURAL	HR.	HOUR
A.T.	ACOUSTIC TILE	H.V.A.C.	HEATING, VENTILATION, & AIR COND.
		H.W.	HOT WATER
BLDG.	BUILDING	I.D., ID	INSIDE DIAMETER
BLK(G)	BLOCK(ING)	IN.	INCH(ES)
BOT., BTM.	BOTTOM	INSUL.	INSULATION
BRG., BRNG	BEARING	INT., INTR.	INTERIOR
BT.	BOTTOM	JAN.	JANITOR
BTU	BRITISH THERMAL UNITS	LAM.	LAMINATE
C., CAB.	CABINET	LB., LBS.	POUNDS
C., CONC.	CONCRETE	L.F.	LINEAR FEET
CFM	CUBIC FOOT PER MINUTE	MAT.	MATERIAL
C.I.P.	CONCRETE IN PLACE,	MAX.	MAXIMUM
	CAST IN PLACE CONCRETE,	MECH.	MECHANIC(AL)
	CAST IRON PIPE	MED.	MEDIUM
C.J.	CONTROL JOINT	MFD.,MFG.	MANUFACTURED
CL., CLO.	CLOSET	MFR.	MANUFACTURER
CLG.	CEILING	MIN.	MINIMUM, MINUTE
CMU	CONCRETE MASONRY UNIT	MISC.	MISCELLANEOUS
CNTR.	COUNTER	MLDG.	MOULDING, MOLDING
COL.	COLUMN	M.O.	MASONRY OPENING
CONC	CONCRETE	MOD.	MODIFIED
CONST.	CONSTRUCTION	MTL	METAL
CONT.	CONTINUOUS		
COORD.	COORDINATE	N.	NORTH
CFS	CLEAR FLOOR SPACE	N.I.C.	NOT IN CONTRACT
CORR.	CORRIDOR, CORRUGATED	NO.	NUMBER
CT	CERAMIC TILE	N.T.S.	NOT TO SCALE
CTR.	COUNTER, CENTER	O.H.	OVER HANG
CU.	CUBIC	OPG., OPNG	OPENING
C.W.	COLD WATER	OPP.	OPPOSITE
C.Y.	CUBIC YARD	P.	PLATE, PROPERTY LINE
DEPT.	DEPARTMENT	PNL.	PANEL
D.F.	DRINKING FOUNTAIN	P.T.	PRESSURE TREATED
DIA.	DIAMETER	PT	PAINT, PAINTED, POINT
DIAG.	DIAGONAL, DIAGRAM	P.V.C.	POLYVINYL CHLORIDE
DIAM.	DIMENSION	PVMT.	PAVEMENT
DIV.	DIVISION, DIVIDED		
DN.	DOWN	RAD.	RADIUS
DR., D.R.	DOOR, DRESSING ROOM	RB	RUBBER BASE
DRWR.	DRAWER	R.D.	ROOF DRAIN
D.S.	DOWNSPOUT	REC.	RECYCLE
DTL.	DETAIL	RECP.	RECEPTION
DWG	DRAWING	REF., RFG.	REFRIGERATOR
DWG'S	DRAWINGS	REG.	REGLET, REGISTER
EA.	EACH	REINF.	REINFORCING(ED)
EIFS	EXTERIOR INSULATION FINISH SYSTEM	REQ'D.	REQUIRED
E.J.	EXPANSION JOINT	RM	ROOM
ELEV.	ELEVATOR	R.O.	ROUGH OPENING
ELEV., EL.	ELEVATION	R.P.M.	REVOLUTIONS PER MINUTE
EQ., EQL.	EQUAL	S	SOUTH, SIMILAR
E.S.	EXPOSED STRUCTURE	SCHED.,SCH.	SCHEDULE
E.W.	EACH WAY	S.F.	SQUARE FEET
E.W.C.	ELECTRIC WATER COOLER	SHT.	SHEET
EXH.	EXHAUST	SHTHG.	SHEATHING
E, EX, EXIST.	EXISTING	SH.	SHOPPING CENTER
EXP.	EXPOSED, EXPANSION	SIM.	SIMILAR
EXT.	EXTERIOR, EXTRUDED	SQ.	SQUARE
FB	FACE OF BRICK	SQ.FT.	SQUARE FEET
F.D.	FLOOR DRAIN	S.S.,S/S	STAINLESS STEEL
F.E.	FIRE EXTINGUISHER	STL.	STEEL
F.E.C.	FIRE EXTINGUISHER CABINET	STOR.,STO.	STORAGE
F.F.	FINISH FLOOR	STRUCT.	STRUCTURAL
F.F.E.	FINISHED FLOOR ELEVATION	SUPPL.	SUPPLEMENT
F.H.C.	FIRE HOSE CABINET	T	TITLE
F.H.&E.C.	FIRE HOSE & EXTINGUISHER CABINET	THRESH.	THRESHOLD
FIG.	FIGURE	THRU	THROUGH
FIN.	FINISH	TOIL., T.	TOILET
FIXT.	FIXTURE	TP.	TOP
FL., FLR.	FLOOR	TYP.	TYPICAL
FLASHG.	FLASHING	U.N.O.	UNLESS NOTED OTHERWISE
FLUOR.	FLUORESCENT	UR.	URINAL
FLUOR.	FOUNDATION	UTIL.	UTILITY
FNDN.	FOUNDATION	V.B.	VINYL BASE
F.O.S.	FACE OF STUDS	VCT	VINYL COMPOSITION TILE
F.P.	FIRE PARTITION, FIRE PROTECTION	VEST.	VESTIBULE
F.R.	FIRE RATED, FIRE RISER	W.	WEST, WIDTH
FR.	FRAME	W/	WITH
FT.	FOOT, FEET	WAINS.	WAINSCOT
FTG.	FOOTING	W.C.	WATER CLOSET
FURR.	FURRING	W/C	WHEELCHAIR
		WD.	WOOD
		WDW	WINDOW
		W.H.	WATER HEATER

LOCATION AND MAPS



LEON COUNTY



FRED GEORGE ROAD AND US HIGHWAY 27

FLORIDA BUILDING CODE FBC-B - 2007 EDITION

FLORIDA BUILDING CODE, EXISTING BLDG (FBC-E)	2007 EDITION*
FLORIDA BUILDING CODE, BUILDING (FBC-B)	2007 EDITION*
FLORIDA BUILDING CODE, MECHANICAL (FBC-M)	2007 EDITION*
FLORIDA BUILDING CODE, FUEL GAS (FBCFG)	2007 EDITION*
FLORIDA BUILDING CODE, PLUMBING (FBC-P)	2007 EDITION*
FLORIDA FIRE PREVENTION CODE (FFPC)	2007 EDITION
NATIONAL ELECTRICAL CODE (NEC)	2008 EDITION

*USE 2009 SUPPLEMENTS

GENERAL NOTES:

THE CONTRACTOR SHALL MAKE AVAILABLE TO THE BUILDING INSPECTOR ANY DOCUMENTATION NECESSARY TO VERIFY THAT ALL PRODUCTS REQUIRING APPROVAL PER FS 553.842 & 9B-72-FAC ARE IN COMPLIANCE.

PROJECT: HUNTINGTON OAKS SHOPPING CENTER

DEMOLITION NOTES

SITE WORK - PROTECT AS NECESSARY ANY EXISTING VEGETATION, TREES OR THE LIKE IMMEDIATELY ADJACENT TO THE LIMITS OF THE ALTERATION WORK WHICH ARE INDICATED ON THE DRAWINGS TO REMAIN, OR IN ANY CASE ARE NOT SPECIFIED OR DIRECTED TO BE REMOVED.

CONCRETE - EXERCISE DUE CAUTION IN CUTTING AND PATCHING, CHIPPING OR GENERAL CONCRETE PLACEMENT SO AS NOT TO DEFACE THAT PORTION OF THE EXISTING STRUCTURE WHICH IS TO REMAIN.

MASONRY - IN TOOTHING OR CUTTING BACK FOR JOINERY TO OR CONTINUING AN EXISTING MASONRY SURFACE, EXERCISE CARE SO AS NOT TO WEAKEN STRUCTURALLY THAT PORTION OF THE STRUCTURE WHICH IS TO REMAIN. DO NOT SANDBLAST WOOD, CONCRETE, OR BRICK. SEE STRUCTURAL GENERAL NOTES FOR MORE INFORMATION.

STRUCTURAL STEEL AND CARPENTRY - IN THE COURSE OF ALTERATION WORK SHOULD THE CONTRACTOR ENCOUNTER, IN EXPOSING FORMERLY COVERED FRAMING, ANY UNFORESEEN STRUCTURAL DEFECT WHICH MIGHT JEOPARDIZE ANY PART OF THE EXISTING BUILDING OR THE NEW WORK, THE CONTRACTOR SHALL SHORE UP OR OTHERWISE SUPPORT THE EXPOSED DEFECT FOR EASE OF INSPECTION BY OWNER'S REPRESENTATIVE OR ARCHITECT WHO WILL DIRECT FURTHER REPAIR.

TEMPORARY SHORING: PROVIDE ANY TEMPORARY SHORING, CRIBBING OR UNDERPINNING AS MAY BE REQUIRED OR DIRECTED BY THE ARCHITECT AT ANY TIME AND IN ANY PORTION OF THE ALTERATION WORK FOR THE DURATION OF SUCH WORK.

CARPENTRY - WITHIN THE LIMITS OF THE ALTERATION WORK INDICATED, RESTORE ANY LOOSE, WARPED, ROTTED, UNFASTENED, OR UNEVEN BOARDS, PANELING OR OTHER FINISH LUMBER TO ORIGINAL CONDITION. SIMILARLY, ANY UNEVEN, TILTED OR RAISED EDGES SHALL BE SANDED TO A LEVEL PLANE AND JOINTS FILLED WHERE NECESSARY.

ROOFING - WHERE NEW ROOFING IS TO ADJOIN AND EXTEND EXISTING ROOFING, EXERCISE ALL NECESSARY PRECAUTIONS TO MAINTAIN WATER TIGHTNESS AND TO AVOID DAMAGING THAT PORTION OF THE EXISTING ROOFING WHICH IS TO REMAIN. REPAIR ANY DAMAGE TO EXISTING ROOFING SHOULD ANY BE ENCOUNTERED WITHIN THE LIMITS OF THE ALTERATION WORK.

PAINTING - WITHIN THE LIMITS OF THE ALTERATION WORK, ANY PITTED, CHIPPED, FLAKED, OVERLY THICKENED OR OTHERWISE DAMAGED EXISTING PAINT SURFACES ENCOUNTERED SHALL BE SANDED, CHIPPED OR OTHERWISE REMOVED DOWN TO ORIGINAL SURFACE AND REPAIRED. SEE KEY NOTES FOR ADDITIONAL REPAIR INFORMATION. DO NOT SANDBLAST, OR USE POWER SANDER OR GRINDER.

DEMOLITION WORK - WITH THE EXCEPTION OF ANY SALVABLE ITEMS, AS DIRECTED TO BE RETAINED BY OWNER, ALL REMOVED STRUCTURES AND MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR WHO SHALL PROMPTLY REMOVE THEM FROM THE PREMISES. NO SUCH ITEMS SHALL BE STORED OR ACCUMULATED ON THE PREMISES.

SALVAGE - ALL ITEMS DEEMED SALVABLE BY OWNER WILL EITHER HAVE BEEN INDICATED ON THE DRAWINGS, REMOVED PRIOR TO START OF ALTERATION WORK, OR WILL BE DIRECTED BY OWNER TO BE STORED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE OWNER. ANY ITEMS TO BE RELOCATED WILL HAVE BEEN INDICATED ON THE DRAWINGS.

NOTE: THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE BEFORE BID AND PRIOR TO BEGINNING WORK. IF ANY DISCREPANCIES ARE DISCOVERED NOTIFY THE ARCHITECT.

SEQUENCE OF ALTERATION WORK: IN THE EVENT THAT ANY SPECIAL SEQUENCING OF THE WORK IS REQUIRED BY OWNER, THE CONTRACTOR SHALL ARRANGE A CONFERENCE WITH THE OWNER FOR THE PURPOSE OF ESTABLISHING ANY SPECIAL SCHEDULING BEFORE ANY SUCH WORK IS BEGUN.

PROTECTIONS: PROVIDE ANY SPECIAL BARRICADING AND MAINTAIN ANY REQUIRED LIGHTS, WARNING AND DIRECTIONAL SIGNS AND OTHER PROTECTIONS NEAR AND ABOUT THE SITE OF ALTERATION WORK AS MAY BE REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION. BY ANY NECESSARY MEANS PROTECT ANY SURROUNDING ADJACENT SITES, STRUCTURES, PROPERTIES AND UTILITIES. MAINTAIN ALL SAFETY MEASURES UNTIL REMOVAL IS DIRECTED BY OWNER'S REPRESENTATIVE OR ARCHITECT. INDEFINITE UNDERGROUND UTILITIES OR OTHER SERVICES AS MAY BE UNCOVERED SHALL NOT BE DISTURBED BUT BROUGHT TO THE ARCHITECT'S ATTENTION FOR DIRECTION AS TO HOW TO PROCEED.

TEMPORARY FACILITIES: ANY TEMPORARY FACILITIES OR SERVICES AS MAY BE REQUIRED BY ANY SPECIAL NECESSITIES OF ALTERATION WORK SHALL BE PROVIDED BY THE CONTRACTOR OUTSIDE OF BUILDING DURING ALL HOURS SUCH WORK IS IN PROGRESS. PROVIDE PORTABLE TOILET FACILITIES OUTSIDE OF THE BUILDING AS REQUIRED.

SPECIAL PERMITS: SECURE ANY AND ALL PERMITS TO DEMOLISH AND REHABILITATION AS MAY BE REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION OVER SUCH WORK.

INDEX OF DRAWINGS

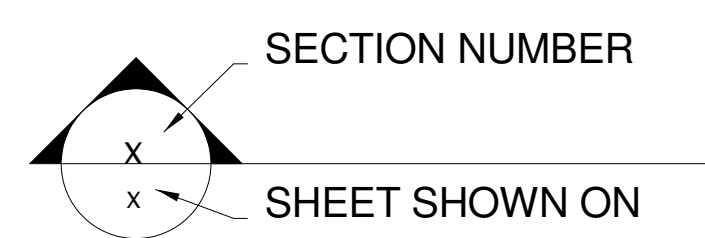
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DSC1.1	SHOPPING CENTER DEMOLITION PLAN
ASC1.1	SHOPPING CENTER FLOOR PLAN
ASC2.1	SHOPPING CENTER BUILDING ELEVATIONS
ASC3.1	SHOPPING CENTER BUILDING SECTIONS
SSC-1	STOREFRONT LAYOUT
SSC-2	SECTION CUTS & DETAILS
ESC1.0	SHOPPING CENTER ELECTRICAL PLAN

CONSTRUCTION USE

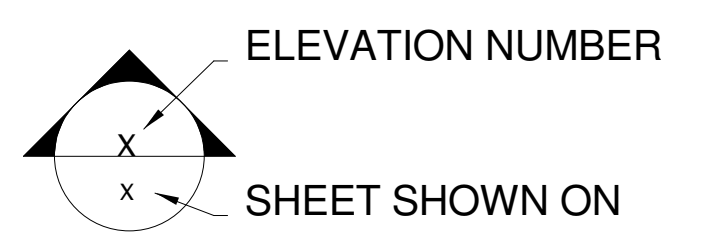
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PLAN & SECTION INDICATIONS

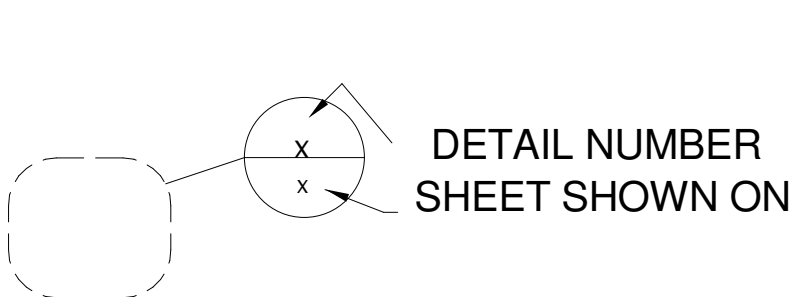
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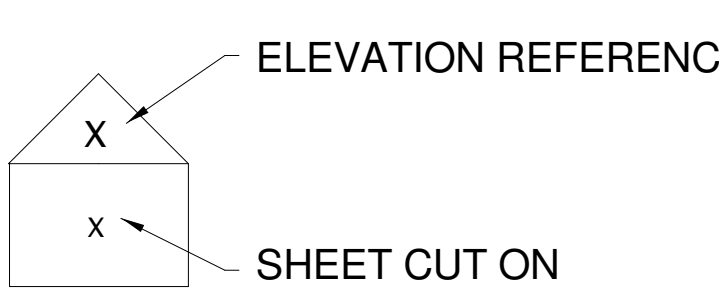
INTERIOR ELEVATION MARK



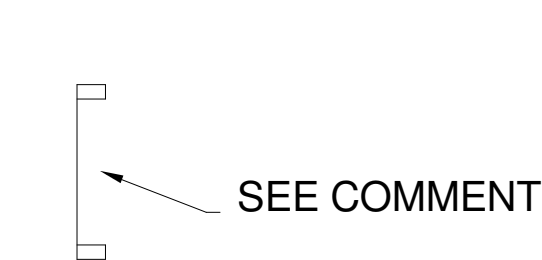
DETAIL MARK



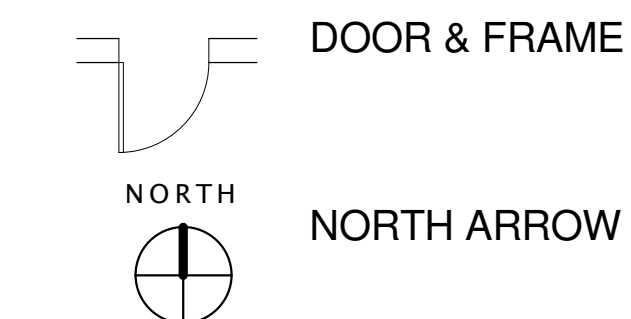
EXTERIOR ELEVATION MARK



ADDITIONAL DETAIL MARK



ARCHITECTURAL SYMBOLS



JOHNSON PETERSON Architects

930 THOMASVILLE RD. STE. 100
TALLAHASSEE, FLORIDA 32303
OFFICE: 850 - 224 - 9700
FAX: 850 - 224 - 9797
WEBSITE: www.jparchitects.com
REGISTRATION NO.: AA001215

HUNTINGTON OAKS SHOPPING CENTER @ LAKE JACKSON

0908.001

BID DOCUMENTS

DOUG SHULER
dshuler@jparchitects.com

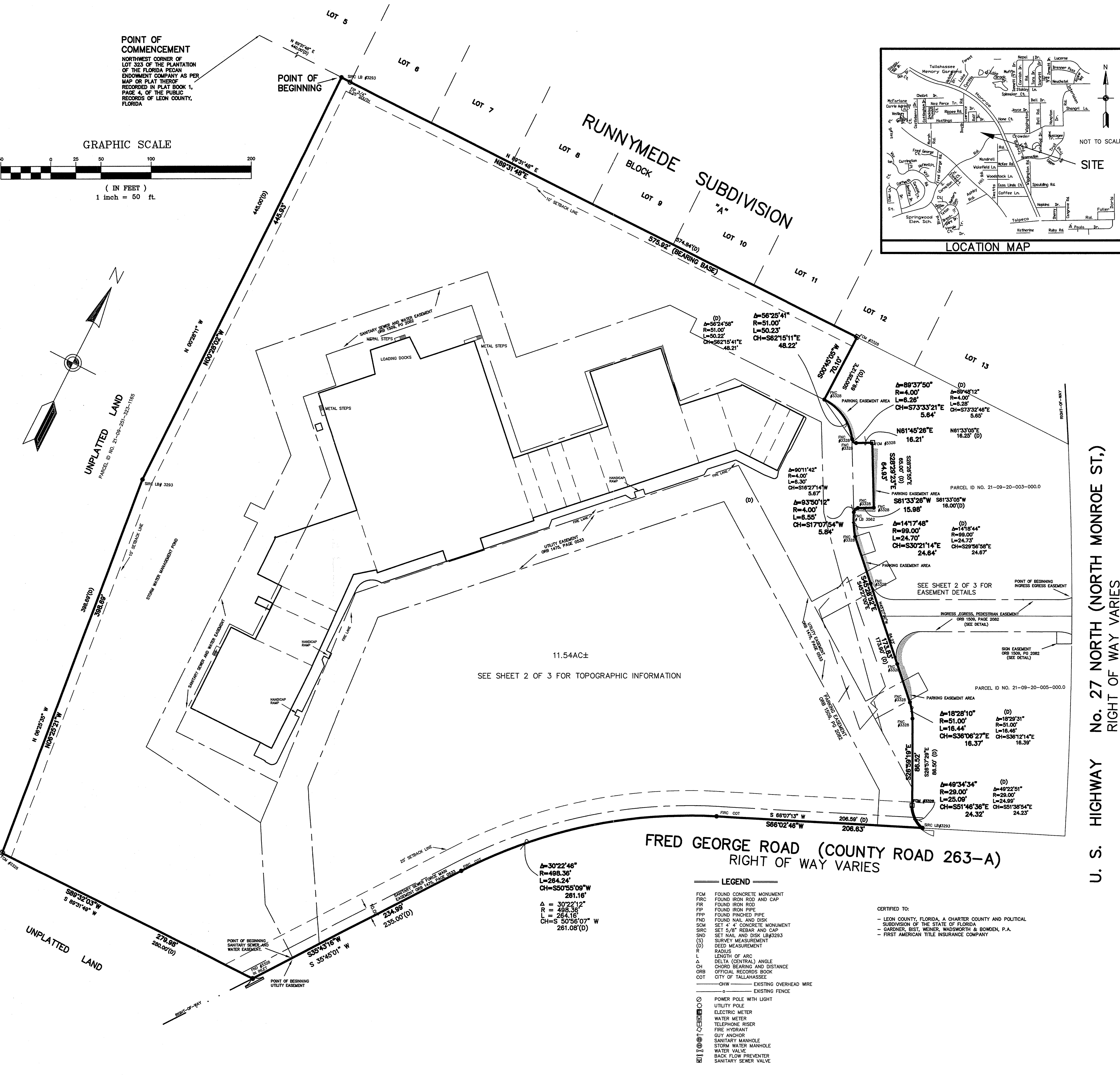
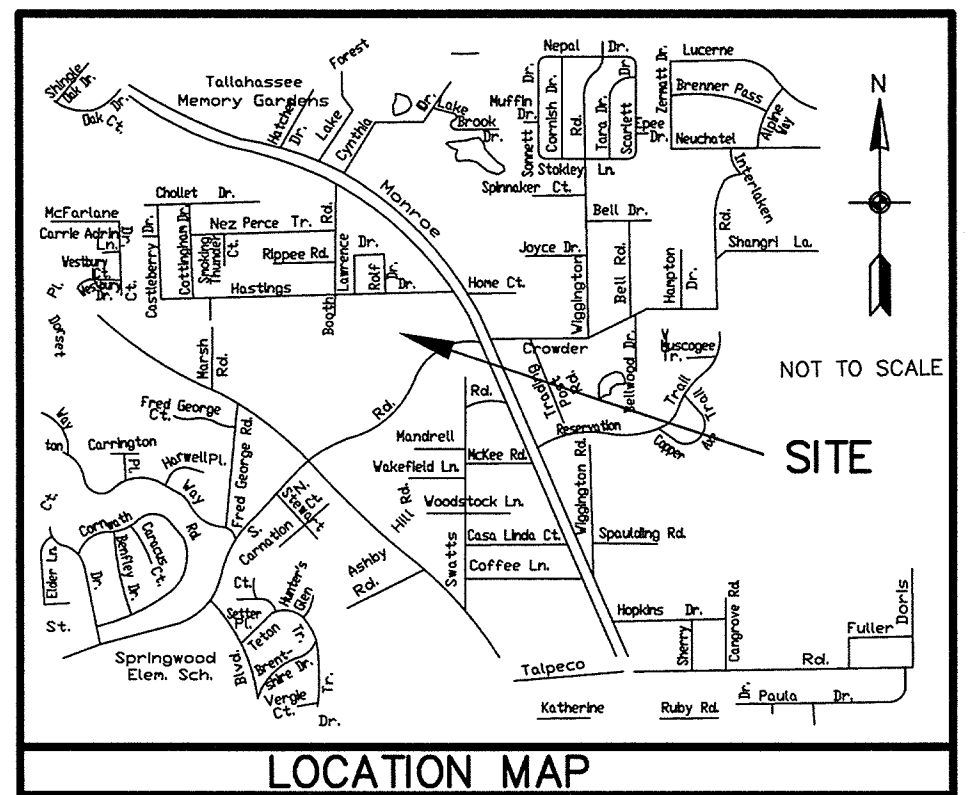
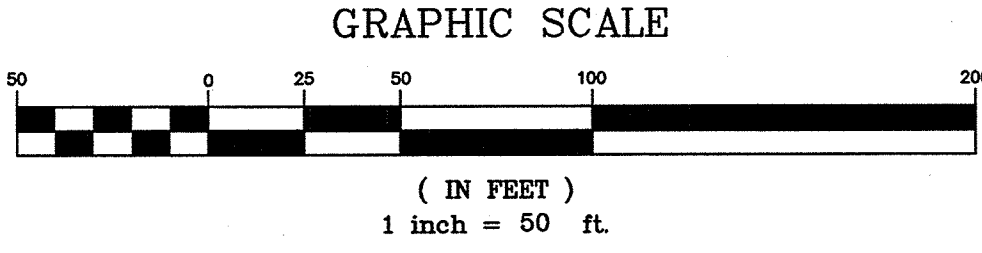
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DSHULER	PERMIT	JOHNSON	07/29/11
DSHULER	BID DOC	JOHNSON	08/31/11

#	DATE	COMMENTS

INDEX SHEET
SHOPPING CENTER

GSC1.2

POINT OF COMMENCEMENT
NORTHWEST CORNER OF LOT 323 OF THE PLANTATION OF THE FLORIDA PECAN ENDOWMENT COMPANY AS PER MAP OR PLAT THEREOF RECORDED IN PLAT BOOK 1, PAGE 4, OF THE PUBLIC RECORDS OF LEON COUNTY, FLORIDA



PARCEL 1:
Commence at a 1 1/2 inch iron pipe (found) known as marking the Northwest corner of Lot 323 of the Plantation of the Florida Pecan Endowment Company as per map or plat thereof recorded in Plat Book 1, Page 4, of the Public Records of Leon County, Florida, said corner also being the Southwest Corner of Lot 1, Block 'A', of Runnymede Subdivision and run thence North 89 degrees 31 minutes 48 seconds East along the Southern boundary of said Runnymede Subdivision and the North boundary of said Lot 323, a distance of 440.00 feet to the POINT OF BEGINNING. From said POINT OF BEGINNING, continue thence North 89 degrees 31 minutes 48 seconds East along said line, and an extension thereof, a distance of 574.84 feet; thence South 00 degrees 28 minutes 12 seconds East 69.47 feet to a point lying 1.00 foot North of the proposed back of curve as per site plans by J.A.S. Chotzaw, dated October 28, 1989, said point also lying on a point of curve concave to the Southwest; thence Southwesterly along said 1.00 foot offset from said back of curb, and along said curve, with a radius of 51.00 feet, through a central angle of 56 degrees 24 minutes 58 seconds, for an arc distance of 50.22 feet (chord of said arc being South 62 degrees 15 minutes 41 seconds East 48.21 feet) to a point of cusp of a curve concave to the North; thence along said 1.00 foot offset line and said curve, with a radius of 4.00 feet, through a central angle of 89 degrees 31 minutes 48 seconds, for an arc distance of 6.28 feet (the chord of said arc being South 73 degrees 32 minutes 46 seconds East, 5.65 feet); thence continue along said 1.00 foot offset line as follows: North 61 degrees 33 minutes 05 seconds East, 16.25 feet; thence South 28 degrees 26 minutes 55 seconds East, 65.00 feet; thence South 61 degrees 33 minutes 05 seconds West, 16.00 feet to a point of curve to the left; thence along said curve, with a radius of 4.00 feet, through a central angle of 90 degrees 11 minutes 42 seconds, for an arc distance of 6.30 feet (the chord of said arc being South 16 degrees 27 minutes 14 seconds West, 5.67 feet) to a point of cusp of a curve concave to the Northeast; thence along said curve, with a radius of 59.00 feet, through a central angle of 14 degrees 18 minutes 44 seconds, for an arc distance of 24.73 feet (the chord of said arc being South 29 degrees 55 minutes 49 seconds East, 24.67 feet); thence South 45 degrees 27 minutes 00 seconds East, 173.90 feet to a point of curve to the right; thence along said curve, with a radius of 51.00 feet, through a central angle of 18 degrees 29 minutes 31 seconds, for an arc distance of 16.46 feet (the chord of said arc being South 36 degrees 12 minutes 14 seconds West, 16.38 feet); thence South 29 degrees 57 minutes 29 seconds East, 65.50 feet to the point of curve to the left; thence along the said curve, with a radius of 23.00 feet, through a central angle of 49 degrees 22 minutes 51 seconds for an arc distance of 24.99 feet (the chord of said arc being South 51 degrees 38 minutes 54 seconds East, 24.23 feet) to the intersection of said 1.00 foot offset line and the Northern RW boundary of Fred George Road; thence South 86 degrees 07 minutes 13 seconds West along said Fred George Road RW a distance of 205.69 feet to a point of curve to the left; thence along said RW curve, with a radius of 498.36 feet, through a central angle of 30 degrees 22 minutes 12 seconds, for an arc distance of 284.16 feet (the chord of said arc being South 50 degrees 56 minutes 07 seconds West, 281.08 feet); thence South 39 degrees 45 minutes 01 seconds West along said RW a distance of 235.00 feet; thence leaving said RW and run South 69 degrees 31 minutes 49 seconds West 280.00 feet; thence North 09 degrees 25 minutes 35 seconds West, 398.69 feet; thence North 00 degrees 28 minutes 11 seconds West, 445.00 feet to the Point of Beginning.

PARCEL 2:
Non-exclusive easement for ingress and egress as provided in that certain Declaration of Reciprocal Ingress and Egress, Utility, Signage and Parking Easements recorded in Plat Book 1, Page 4, of the Public Records of Leon County, Florida, 1991, in Official Records Book 1509, Page 2082, Public Records of Leon County, Florida upon the following described property.

Commence at a 1 1/2 inch iron pipe (found) known as marking the Northwest corner of Lot 323 of the Plantation of the Florida Pecan Endowment Company as per map or plat thereof recorded in Plat Book 1, Page 4, of the Public Records of Leon County, Florida, said corner also marking the Southwest corner of Lot 1, Block 'A', of Runnymede Subdivision and run thence North 89 degrees 31 minutes 48 seconds East along the Southern boundary of said Runnymede Subdivision and the North boundary of said Lot 323 and an extension thereof a distance of 1253.05 feet to the Western RW boundary of U.S. Highway 27 (North Monroe Street), said point lying on a curve concave to the West; thence along said RW curve, with a radius of 3518.80 feet, through a central angle of 02 degrees 28 minutes 39 seconds, for an arc distance of 153.18 feet (the chord of said arc being South 28 degrees 29 minutes 56 seconds East, 153.17 feet) to the POINT OF BEGINNING. From said POINT OF BEGINNING, continue along said RW curve, with a radius of 3518.80 feet, through a central angle of 02 degrees 28 minutes 39 seconds, for an arc distance of 153.18 feet (the chord of said arc being South 28 degrees 29 minutes 56 seconds East, 153.17 feet) to the POINT OF BEGINNING. From said POINT OF BEGINNING, continue along said RW curve, with a radius of 3518.80 feet, through a central angle of 02 degrees 28 minutes 39 seconds, for an arc distance of 153.18 feet (the chord of said arc being South 28 degrees 29 minutes 56 seconds East, 153.17 feet) to the POINT OF BEGINNING. From said POINT OF BEGINNING, continue along said RW curve, with a radius of 3518.80 feet, through a central angle of 02 degrees 28 minutes 39 seconds, for an arc distance of 153.18 feet (the chord of said arc being South 28 degrees 29 minutes 56 seconds East, 153.17 feet) to the POINT OF BEGINNING.

PARCEL 3:
Easement for pylon signage purposes as provided in that certain Declaration of Reciprocal Ingress and Egress, Utility, Signage and Parking Easements dated May 6, 1991, and recorded August 13, 1991, in Official Records Book 1509, Page 2082, Public Records of Leon County, Florida upon the following described property.

Commence at a 1 1/2 inch iron pipe (found) known as marking the Northwest corner of Lot 323 of the Plantation of the Florida Pecan Endowment Company as per map or plat thereof recorded in Plat Book 1, Page 4, of the Public Records of Leon County, Florida, said corner also marking the Southwest corner of Lot 1, Block 'A', of Runnymede Subdivision and run thence North 89 degrees 31 minutes 48 seconds East along the Southern boundary of said Runnymede Subdivision and the North boundary of said Lot 323 and an extension thereof a distance of 1253.05 feet to the Western right-of-way boundary of U.S. Highway 27 (North Monroe Street), said point lying on a curve concave to the West; thence along said right-of-way curve, with a radius of 3518.80 feet, through a central angle of 03 degrees 05 minutes 31 seconds, for an arc distance of 189.88 feet (the chord of said arc being South 28 degrees 12 minutes 00 seconds East, 189.86 feet) to the POINT OF BEGINNING. From said POINT OF BEGINNING, continue along said right-of-way curve, with a radius of 3518.80 feet, through a central angle of 00 degrees 09 minutes 09 seconds, for an arc distance of 9.37 feet (the chord of said arc being South 28 degrees 34 minutes 40 seconds East, 9.37 feet); thence leaving said right-of-way and run South 62 degrees 47 minutes 52 seconds West, 15.01 feet; thence North 27 degrees 12 minutes 08 seconds West 12.00 feet to the Southern right-of-way boundary of an ingress, egress and utility easement; thence North 62 degrees 47 minutes 52 seconds East along said right-of-way, a distance of 2.00 feet to a point of curve to the right; thence along said right of way curve with a radius of 34.00 feet, through a central angle of 22 degrees 41 minutes 15 seconds, for an arc distance of 13.46 feet (the chord of said arc being North 74 degrees 08 minutes 29 seconds East 13.38 feet) to the Point of Beginning.

PARCEL 4:
Easement for pedestrian and vehicular ingress and egress and parking purposes on, across and over all paved roadways, access ways or parking areas which are now or hereafter located on the real property shown within the shaded areas on Exhibit 'E' attached to and made a part of that certain Declaration of Reciprocal Ingress and Egress, Utility, Signage and Parking Easements dated May 6, 1991 and recorded August 13, 1991, in Official Records Book 1509, Page 2082, of the Public Records of Leon County, Florida.

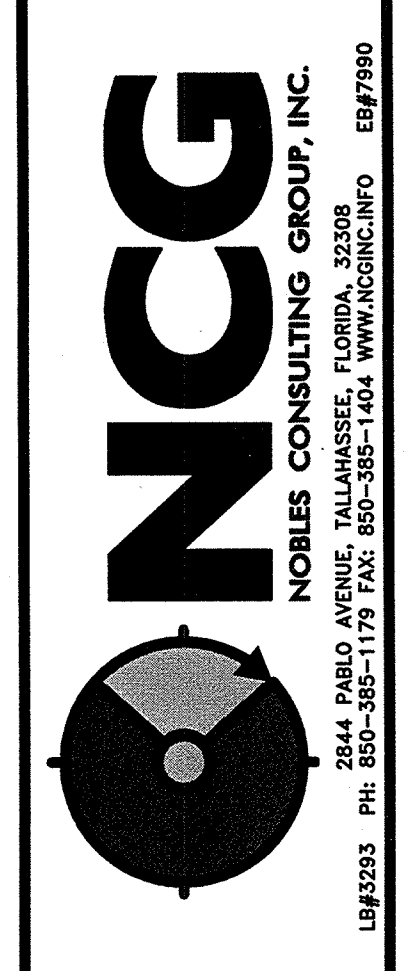
NOTES:
1) This ALTA survey and exceptions are based on a First American Title Insurance Company policy provided by the client. This policy, Agent File No. 09.2494, is dated August 12, 2009.
2) The bearing base for this survey is the North boundary line of the subject parcel as per the description of the property recorded in Official Records Book 3642, Page 1849 of the Public Records.
3) The current zoning for this property is CP (Commercial Parkway).
4) The number of parking spaces:
Regular spaces - 303
Handicap spaces - 6
5) Building height restrictions for CP zoning - 4 stories.
6) Current zoning setback lines for CP zoning:
Front - 25 feet
Side interior - none
Rear - 10 feet
7) The acreage for this property is 11.54 acres.
8) This property lies in flood zone 'X' as per Flood Insurance Rate Map for Leon County and unincorporated areas, Map No 12073C0119F, dated August 16, 2009.
9) Interior building lines are approximate.
10) The telephone easement recorded in Official Records Book 1453, Page 1119 affects the property but is not able to be plotted on the face of the survey due to lack of a written legal description. Information for this easement is provided in sketch form only.

TO LEON COUNTY PUBLIC WORKS:
THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE "MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS," JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NPS IN 2005, AND INCLUDES ITEMS 1, 2, 3, 4, 7(a), 7(b)(1), 8, 9, 10, 11, 14 AND 17 OF TABLE A THEREOF. PURSUANT TO THE ACCURACY STANDARDS ADOPTED BY ALTA AND NPS AND IN EFFECT ON THE DATE OF THIS CERTIFICATION, UNDERSIGNED FURTHER CERTIFIES THAT IN MY PROFESSIONAL OPINION, AS A LAND SURVEYOR IN THE STATE OF FLORIDA, THE RELATIVE POSITIONAL ACCURACY OF THIS SURVEY DOES NOT EXCEED THAT WHICH IS SPECIFIED THEREIN.

CERTIFIED TO:
- LEON COUNTY, FLORIDA, A CHARTER COUNTY AND POLITICAL SUBDIVISION OF THE STATE OF FLORIDA.
- GARDNER, BISH, WELBY, WADSWORTH & BOWDEN, P.A.
- FIRST AMERICAN TITLE INSURANCE COMPANY

LEGEND:
FCM FOUND CONCRETE MONUMENT
FRC FOUND IRON ROD AND CAP
FIR FOUND IRON ROD
FIP FOUND IRON PIPE
FPP FOUND PINCHED PIPE
FND FOUND NAIL AND DISK
SIC SET 1/4" CONCRETE MONUMENT
SND SET 5/8" REBAR AND CAP
SMD SET NAIL AND DISK LB48293
SND SURVEY MEASUREMENT
DED DEED MEASUREMENT
R RADIUS
L LENGTH OF ARC
Δ DELTA (CENTRAL) ANGLE
CHORD BEARING AND DISTANCE
ORB OFFICIAL RECORDS BOOK
OOT CITY OF TALLAHASSEE
OHV - - - - - EXISTING OVERHEAD WIRE
- - - - - EXISTING FENCE
P POWER POLE WITH LIGHT
U UTILITY POLE
E ELECTRIC METER
W WATER METER
T TELEPHONE RISER
F FIRE HYDRANT
G GUY ANCHOR
S SANITARY MANHOLE
SW STORM WATER MANHOLE
W WATER VALVE
B BACK FLOW PREVENTER
S SANITARY SEWER VALVE

FAUL N. WILLIAMSON
Certificate No. 3208
NOT VALID UNLESS EMBOSSED WITH SEAL



PROJECT NAME:
HUNTINGTON OAKS PLAZA
CLIENT NAME:
LEON COUNTY FACILITIES MANAGEMENT

BY	DATE
PNW	08/06/09
PNW	08/13/09
PNW	10/13/09

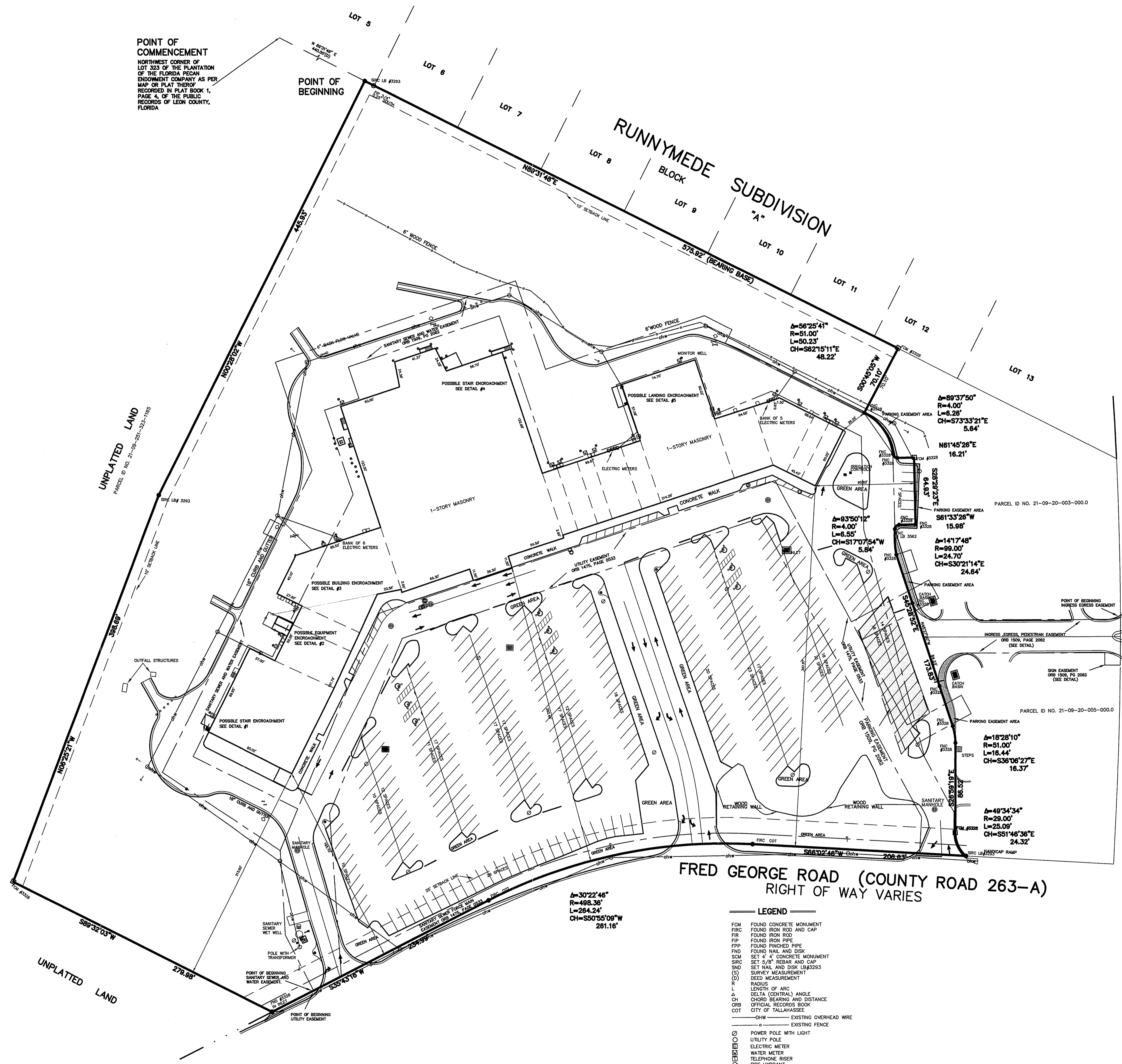
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1		ADDED PARKING EASEMENT, DETAIL POSSIBLE ENCROACHMENTS
2		ADD CERTIFICATION
3		NOTES AND DETAILS
4		
5		

PROJ NO.:	2820-009
DWG NO.:	2820-009 ROTATED
SCALE:	1"=50'
SURVEY DATE:	07/17/09
FILE NO.:	403/937
DRAWN BY:	PNW
CHECKED BY:	
ISSUE DATE:	10/02/09

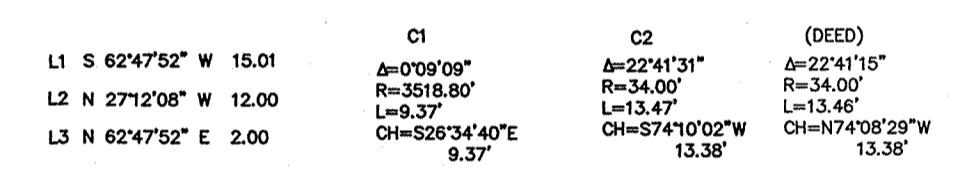
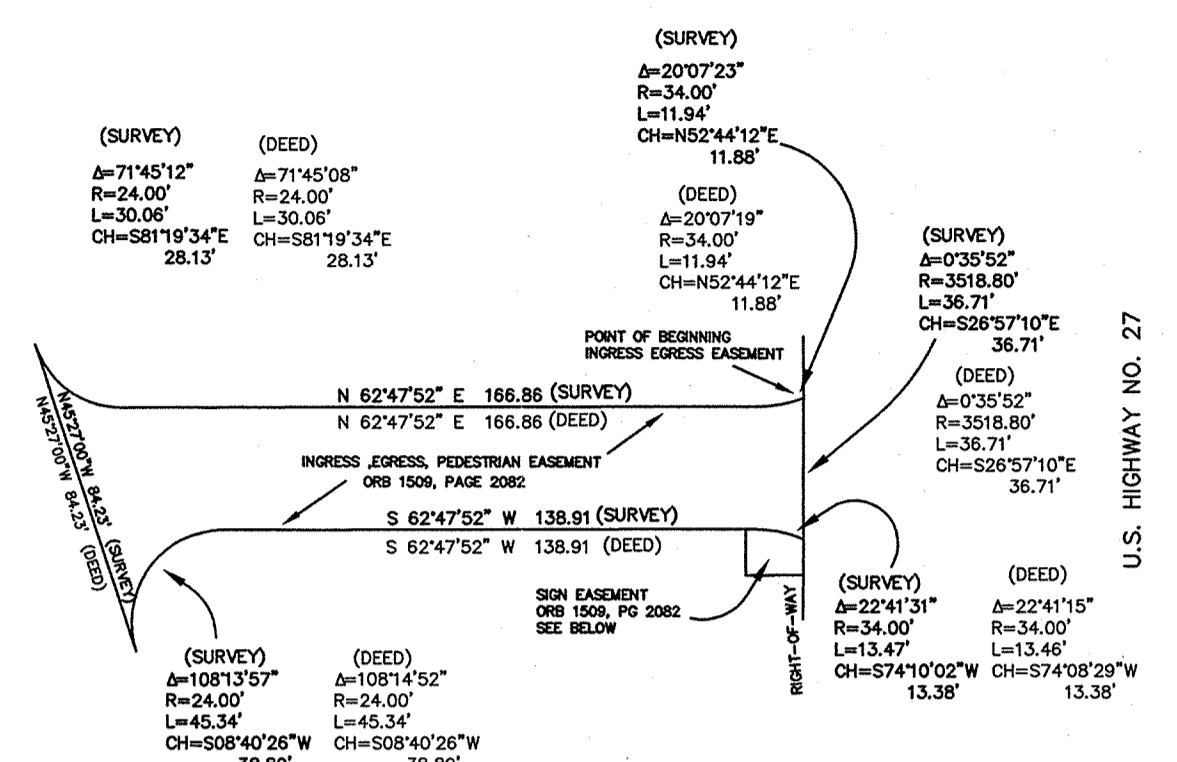
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ALTA SURVEY
SHEET NO.
1 OF 3

POINT OF COMMENCEMENT
NORTHWEST CORNER OF
LOT 323 OF THE PLANTATION
OF THE FLORIDA PECAN
ENDOWMENT COMPANY AS PER
MAP OR PLAT THEREOF
RECORDED IN PLAT BOOK 1,
PAGE 4, OF THE PUBLIC
RECORDS OF LEON COUNTY,
FLORIDA

POINT OF BEGINNING



U. S. HIGHWAY No. 27 NORTH (NORTH MONROE ST.)
RIGHT OF WAY VARIES



FRED GEORGE ROAD (COUNTY ROAD 263-A)
RIGHT OF WAY VARIES

LEGEND

- FCM FOUND CONCRETE MONUMENT
- FIRC FOUND IRON ROD AND CAP
- FR FOUND IRON ROD
- FIP FOUND IRON PIPE
- FPP FOUND PINNED PIPE
- FND FOUND NAIL AND DISK
- SOM SET 4" CONCRETE MONUMENT
- SIRC SET 5/8" REBAR AND CAP
- SND SET NAIL AND DISK 1/8" DIA
- (S) SURVEY MEASUREMENT
- (D) DEED
- R RADIUS
- L LENGTH OF ARC
- Δ DELTA (CENTRAL) ANGLE
- CH CHORD BEARING AND DISTANCE
- ORB OFFICIAL RECORDS BOOK
- COT CITY OF TALLAHASSEE
- OHW EXISTING OVERHEAD WIRE
- EF EXISTING FENCE
- PPW POWER POLE WITH LIGHT
- UP UTILITY POLE
- EM ELECTRIC METER
- WM WATER METER
- TR TELEPHONE RISER
- FH FIRE HYDRANT
- QA QTY ANCHOR
- SM SANITARY MANHOLE
- STW STORM WATER MANHOLE
- WV WATER VALVE
- BFP BACK FLOW PREVENTER
- SSV SANITARY SEWER VALVE

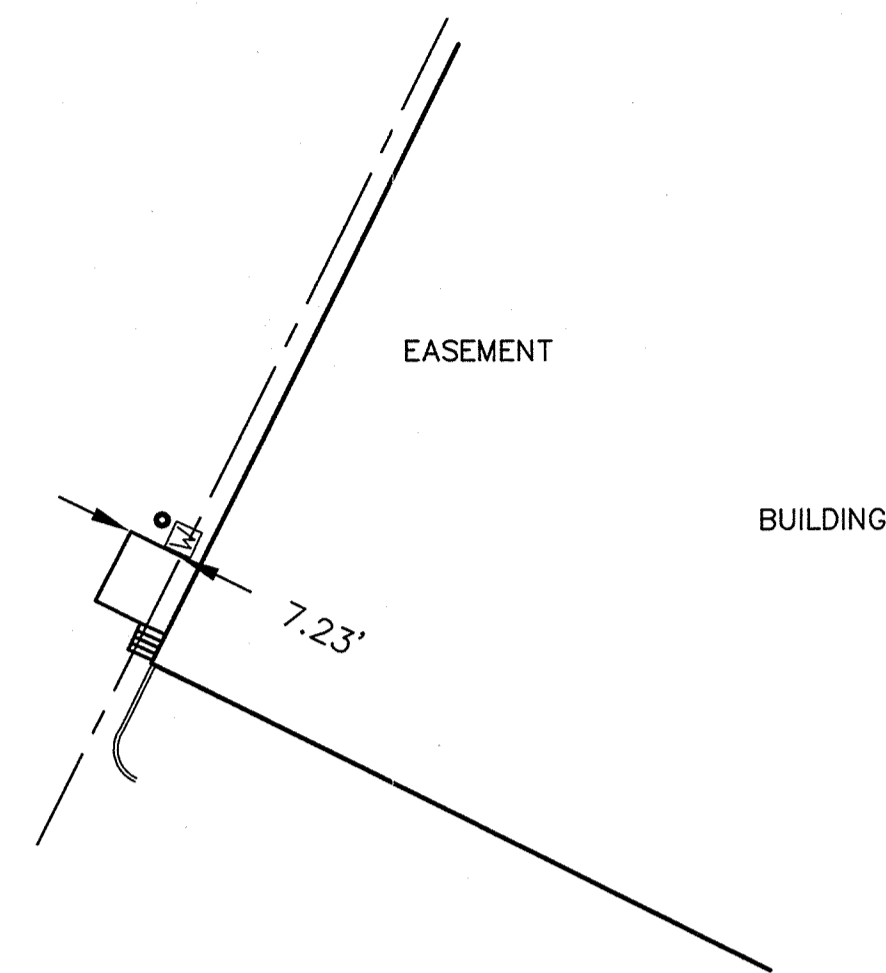


PROJECT NAME:
HUNTINGTON OAKS PLAZA
CLIENT NAME:
LEON COUNTY FACILITIES MANAGEMENT

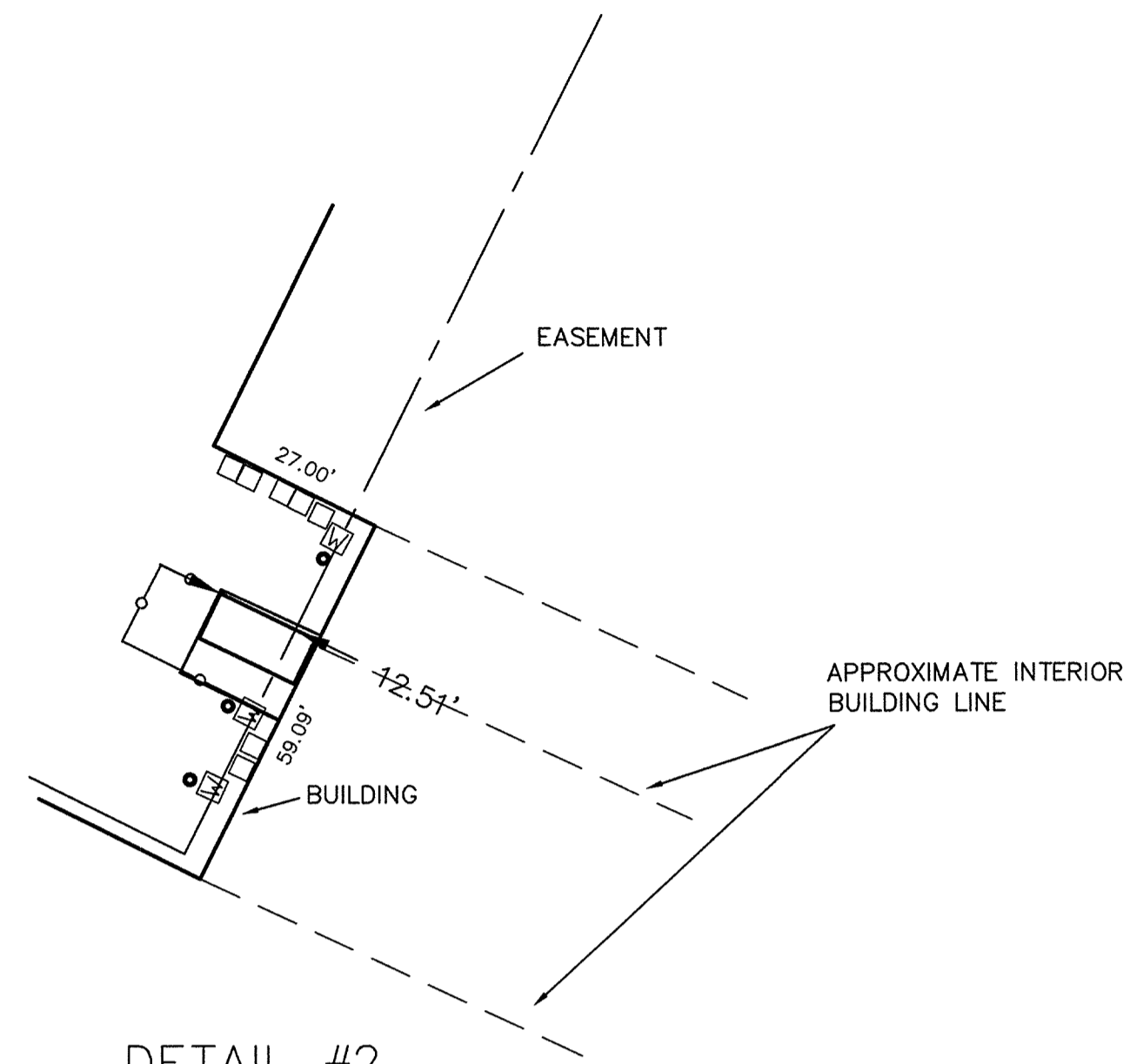
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2	09/15/09	ADDED PARKING EASEMENT, DETAIL POSSIBLE ENCROACHMENTS
3	10/13/09	ADD CERTIFICATION
4		NOTES AND DETAILS
5		
6		

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DRAWN BY: PNW
CHECKED BY:
ISSUE DATE: 10/02/09
ISSUE:

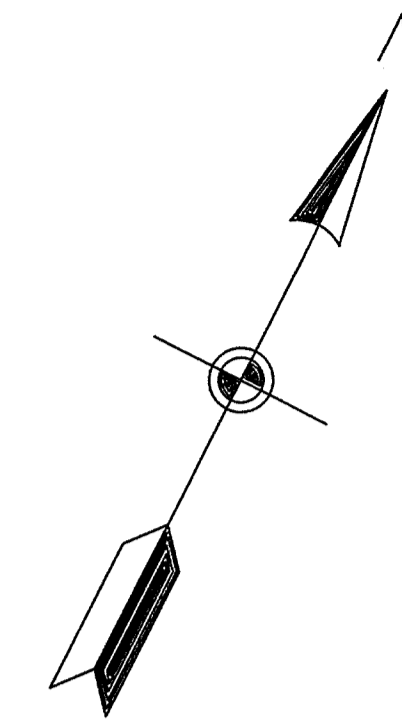
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ALTA SURVEY
SHEET NO.
2 OF 3



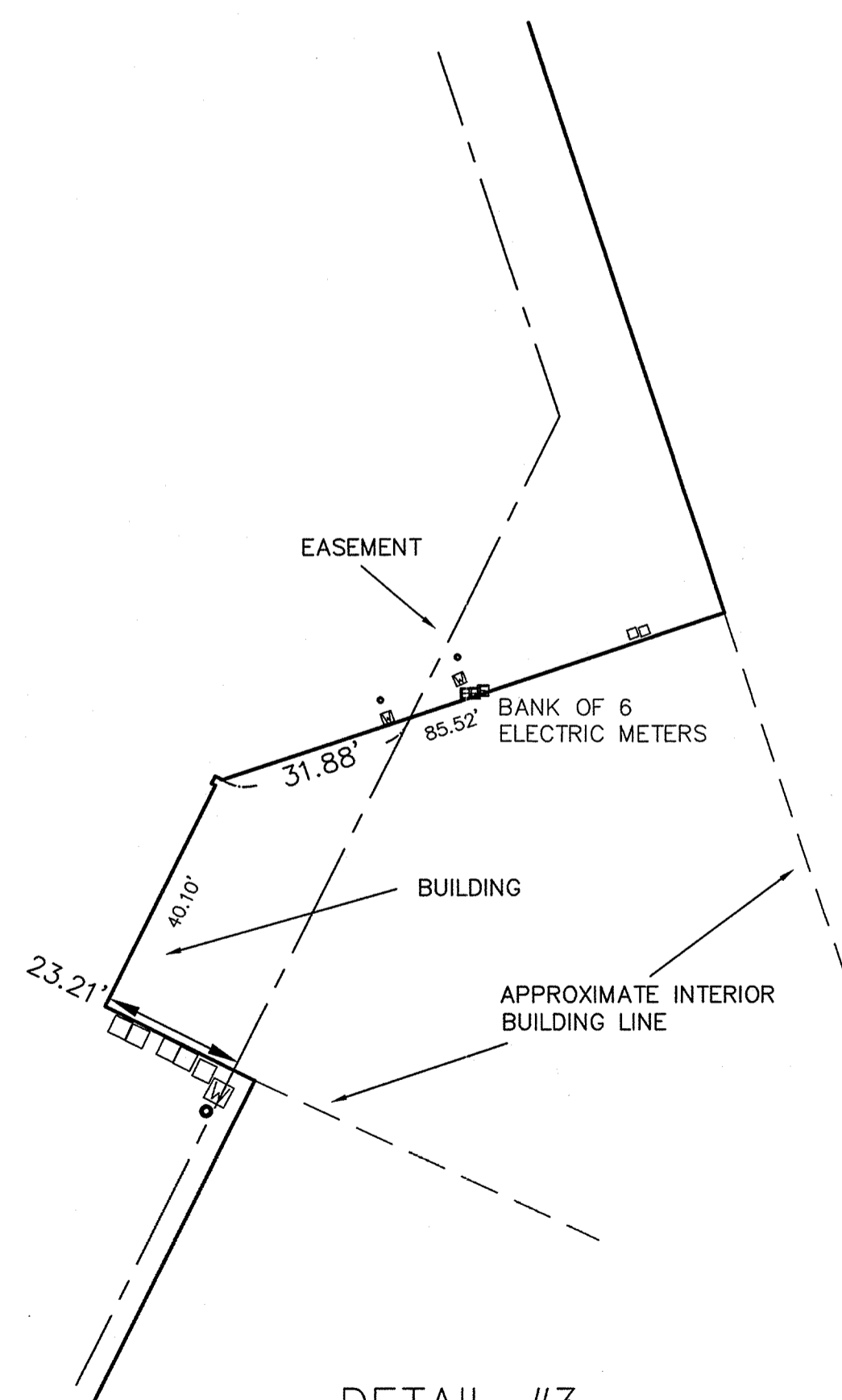
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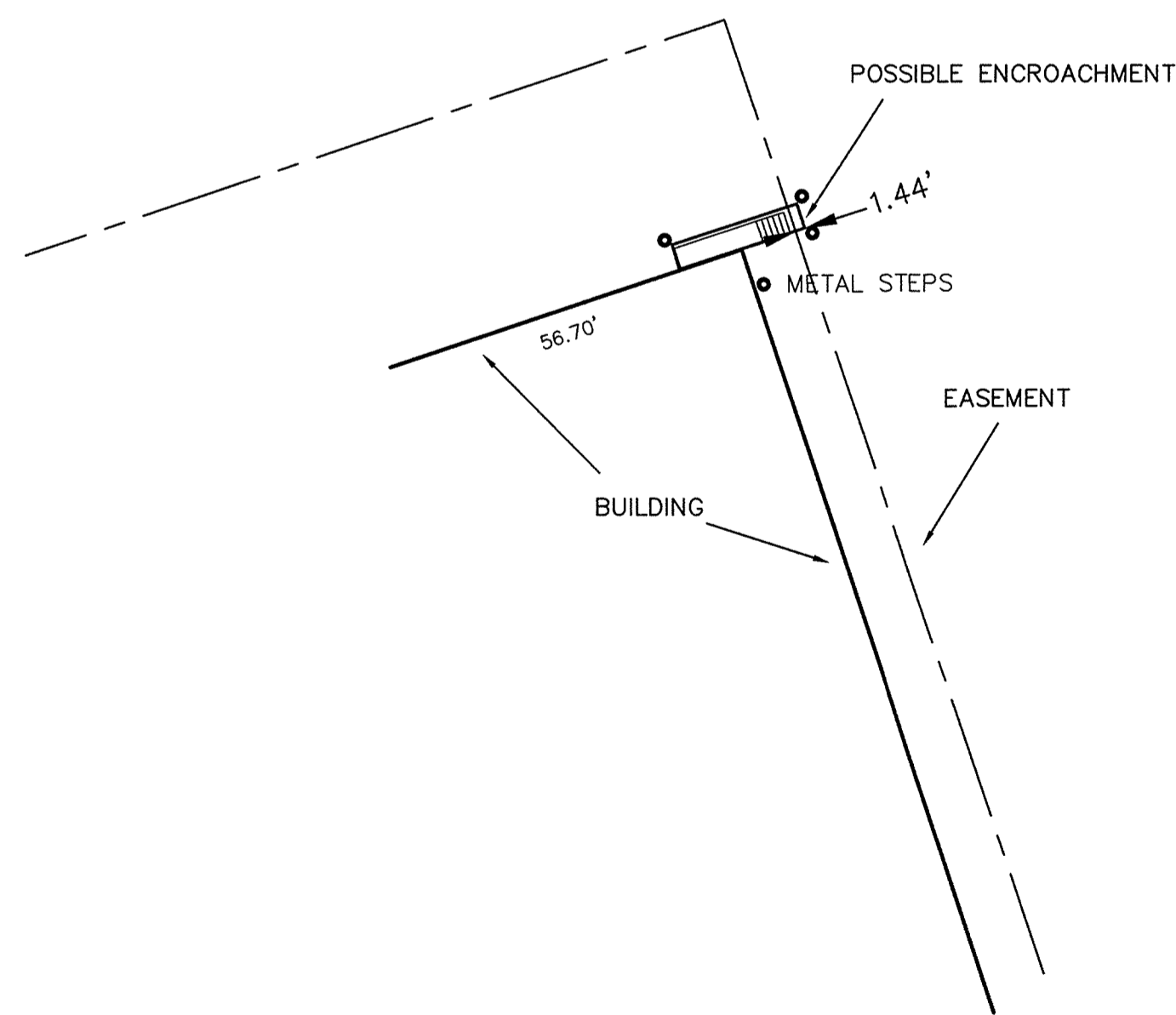
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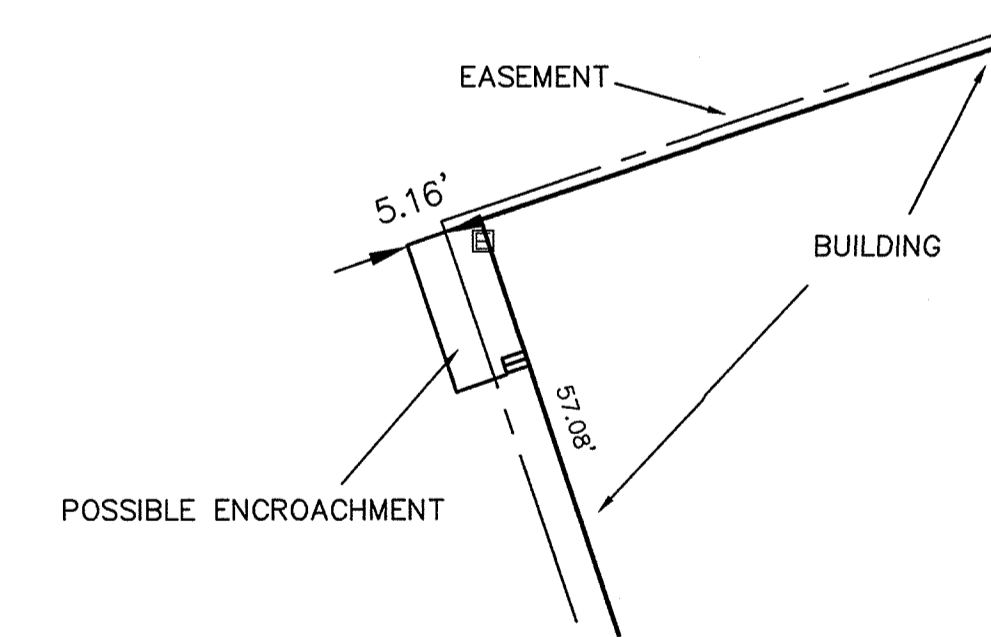
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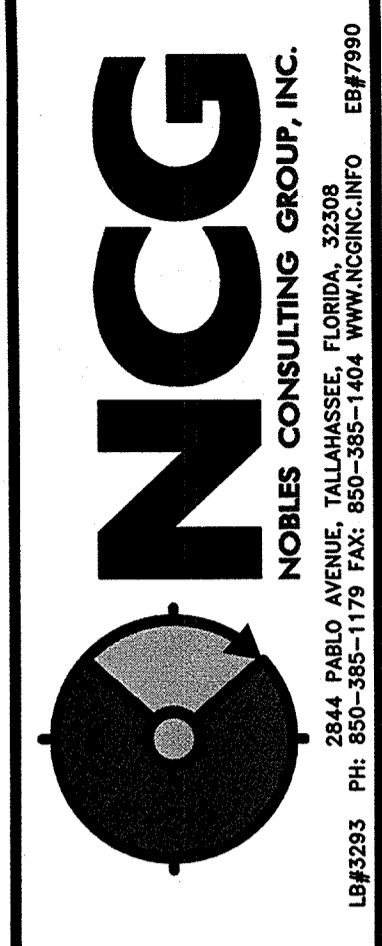
DETAIL #3



DETAIL #4



DETAIL #5



PROJECT NAME:
HUNTINGTON OAKS PLAZA
CLIENT NAME:
LEON COUNTY FACILITIES MANAGEMENT

NO.	REVISIONS	BY	DATE
0	INITIAL ISSUE		
1			
2			
3			
4			
5			
6			

PROJ NO.: 2820-009
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 DRAWN BY: PNW
 CHECKED BY:
 ISSUE DATE: 10/02/09
 ISSUE:

SHEET TITLE:
ALTA SURVEY

SHEET NO.
3 OF 3

Phase	Drawn	Phase	Check	Date
AAB	SD	JOHNSON	06/25/10	
DSHULER	50XDD	JOHNSON	10/15/10	
DSHULER	100XDD	JOHNSON	12/08/10	
DSHULER	50XCD	JOHNSON	03/08/11	
DSHULER	PERMIT	JOHNSON	05/20/11	
DSHULER	BID DOC	JOHNSON	08/31/11	

#	Date	Comments
1	07/29/11	COT PLAN REVIEW

DEMO NOTES:

- REMOVE CEILING TILES, GRID AND SUSPENSION WIRE. REMOVE LIGHT FIXTURES, ACCESS PANELS, EXIT SIGNS, SPEAKERS, DIFFUSERS AND RETURN AIR GRILLES, HVAC EQUIPMENT, DUCT WORK AND OTHER EQUIPMENT ABOVE, ATTACHED OR SUSPENDED FROM THE STEEL BAR JOIST AND BEAMS. OTHER DEVICES INCLUDING POWER POLLS, SECURITY CAMERAS, MOTION DETECTORS OR OTHER SECURITY DEVICES.
- REMOVE STOREFRONT (INCLUDING DOORS) LOAD BEARING AND NON-LOAD BEARING PARTITION WALLS. DISCONNECT ALL ELECTRICAL DEVICES WITHIN THE WALLS AND REMOVE OR TERMINATE CIRCUITS AT A JUNCTION BOX. REMOVE ELECTRICAL WORK IN ACCORDANCE WITH ELECTRICAL DEMOLITION PLAN. CAP ALL PLUMBING WITHIN THE WALLS IN ACCORDANCE WITH PLUMBING DEMOLITION PLAN. DISCONNECT HVAC CONTROLS. RELOCATE ANY FIRE ENUNCIATION DEVICES TO A NEARBY TEMPORARY LOCATION. DISPOSE OF STUDS AND GYPSUM WALL BOARD.
- REMOVE PLUMBING FIXTURES AND CAP ALL PLUMBING SUPPLY AND WASTE LINES IN ACCORDANCE WITH PLUMBING DEMOLITION PLAN. ABANDON ANY LINES THAT ARE NOT USED IN NEW DESIGN AND PLUG/PATCH HOLES OF ABANDONED WASTE/VENT PIPES.
- REMOVE DOOR, DOOR FRAME AND HARDWARE. DISCONNECT AND REMOVE ELECTRONIC LOCKS/ALARM.
- REMOVE FLOOR FINISH. PATCH AND REPAIR CONCRETE TO RECEIVE NEW FLOORING PER SUBSTRATE REQUIREMENTS FOR VCT, CERAMIC, TILE, LIQUID RESIN OR CARPET. SEE FINISH FLOOR PLAN AND ROOM FINISH SCHEDULE. PREPARE FLOOR FOR FUTURE FINISH BY PATCHING HOLES GREATER THAN 1/4" DEEP X 1/2" ACROSS AND GRINDING DOWN HIGH SPOTS. PATCH INTERSECTIONS AT WALLS TO REMAIN TO MATCH EXISTING. DISPOSE OF WALL BASE, VCT, CARPETING AND PADDING OR OTHER FLOORING MATERIALS NOT PREVIOUSLY MENTIONED.

REMOVE CONCRETE SIDEWALK AND ASPHALT PAVING AS INDICATED IN HATCH.

REMOVE FINISH IN EXISTING INTERIOR LIBRARY AS INDICATED WITH NUMBERED NOTE.

6 SITE WORK - PROTECT AS NECESSARY ANY EXISTING VEGETATION, TREES OR THE LIKE IMMEDIATELY ADJACENT TO THE LIMITS OF THE ALTERATION WORK WHICH ARE INDICATED ON THE DRAWINGS TO REMAIN, OR IN ANY CASE ARE NOT SPECIFIED OR DIRECTED TO BE REMOVED. SEE LANDSCAPE DRAWINGS FOR MORE INFORMATION ON SITE TREE REMOVAL AND PROCEDURES.

CONCRETE - EXERCISE DUE CAUTION IN CUTTING AND PATCHING, CHIPPING OR GENERAL CONCRETE PLACEMENT SO AS NOT TO DEFACE THAT PORTION OF THE EXISTING STRUCTURE WHICH IS TO REMAIN.

MASONRY - IN TOOTHING OR CUTTING BACK FOR JOINERY TO OR CONTINUING AN EXISTING MASONRY SURFACE, EXERCISE CARE SO AS NOT TO WEAKEN STRUCTURALLY THAT PORTION OF THE STRUCTURE WHICH IS TO REMAIN. DO NOT SANDBLAST WOOD, CONCRETE, OR BRICK. SEE STRUCTURAL GENERAL NOTES FOR MORE INFORMATION.

STRUCTURAL STEEL AND CARPENTRY - IN THE COURSE OF ALTERATION WORK SHOULD THE CONTRACTOR ENCOUNTER, IN EXPOSING FORMERLY COVERED FRAMING, ANY UNFORESEEN STRUCTURAL DEFECT WHICH MIGHT JEOPARDIZE ANY PART OF THE EXISTING BUILDING OR THE NEW WORK, THE CONTRACTOR SHALL SHORE UP OR OTHERWISE SUPPORT THE EXPOSED DEFECT FOR EASE OF INSPECTION BY OWNER'S REPRESENTATIVE OR ARCHITECT WHO WILL DIRECT FURTHER REPAIR.

TEMPORARY SHORING: PROVIDE ANY TEMPORARY SHORING, CRIBBING OR UNDERPINNING AS MAY BE REQUIRED OR DIRECTED BY THE ARCHITECT AT ANY TIME AND IN ANY PORTION OF THE ALTERATION WORK FOR THE DURATION OF SUCH WORK.

CARPENTRY - THE LIMITS OF THE ALTERATION WORK INDICATED, RESTORE ANY LOOSE, WARPED, ROTTED, UNFASTENED, OR UNEVEN BOARDS, PANELING OR OTHER FINISH LUMBER TO ORIGINAL CONDITION. SIMILARLY, ANY UNEVEN, TILTED OR RAISED EDGES SHALL BE SANDED TO A LEVEL PLANE AND JOINTS FILLED WHERE NECESSARY.

ROOFING - WHERE NEW ROOFING IS TO ADJOIN AND EXTEND EXISTING ROOFING, EXERCISE ALL NECESSARY PRECAUTIONS TO MAINTAIN WATER TIGHTNESS AND TO AVOID DAMAGING THAT PORTION OF THE EXISTING ROOFING WHICH IS TO REMAIN. REPAIR ANY DAMAGE TO EXISTING ROOFING SHOULD ANY BE ENCOUNTERED WITHIN THE LIMITS OF THE ALTERATION WORK.

PAINTING - WITHIN THE LIMITS OF THE ALTERATION WORK, ANY PITTED, CHIPPED, FLAKED, OVERLY THICKENED OR OTHERWISE DAMAGED EXISTING PAINT SURFACES ENCOUNTERED SHALL BE SANDED, CHIPPED OR OTHERWISE REMOVED DOWN TO ORIGINAL SURFACE AND REPAIRED. SEE KEY NOTES FOR ADDITIONAL REPAIR INFORMATION. DO NOT SANDBLAST, OR USE POWER SANDER OR GRINDER.

DEMOLITION WORK - WITH THE EXCEPTION OF ANY SALVABLE ITEMS, AS DIRECTED TO BE RETAINED BY OWNER, ALL REMOVED STRUCTURES AND MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR WHO SHALL PROMPTLY REMOVE THEM FROM THE PREMISES. NO SUCH ITEMS SHALL BE STORED OR ACCUMULATED ON THE PREMISES.

SALVAGE - ALL ITEMS DEEMED SALVABLE BY OWNER WILL EITHER HAVE BEEN INDICATED ON THE DRAWINGS, REMOVED PRIOR TO START OF ALTERATION WORK, OR WILL BE DIRECTED BY OWNER TO BE STORED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE OWNER. ANY ITEMS TO BE RELOCATED WILL HAVE BEEN INDICATED ON THE DRAWINGS.

NOTE: THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE BEFORE BID AND PRIOR TO BEGINNING WORK. IF ANY DISCREPANCIES ARE DISCOVERED NOTIFY THE ARCHITECT.

SEQUENCE OF ALTERATION WORK: IN THE EVENT THAT ANY SPECIAL SEQUENCING OF THE WORK IS REQUIRED BY OWNER, THE CONTRACTOR SHALL ARRANGE A CONFERENCE WITH THE OWNER FOR THE PURPOSE OF ESTABLISHING ANY SPECIAL SCHEDULING BEFORE ANY SUCH WORK IS BEGUN.

PROTECTIONS: PROVIDE ANY SPECIAL BARRICADING AND MAINTAIN ANY REQUIRED LIGHTS, WARNING AND DIRECTIONAL SIGNS AND OTHER PROTECTIONS NEAR AND ABOUT THE SITE OF ALTERATION WORK AS MAY BE REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION. BY ANY NECESSARY MEANS PROTECT ANY SURROUNDING ADJACENT SITES, STRUCTURES, PROPERTIES AND UTILITIES. MAINTAIN ALL SAFETY MEASURES UNTIL REMOVAL IS DIRECTED BY OWNER'S REPRESENTATIVE OR ARCHITECT. INDEFINITE UNDERGROUND UTILITIES OR OTHER SERVICES AS MAY BE UNCOVERED SHALL NOT BE DISTURBED BUT BROUGHT TO THE ARCHITECT'S ATTENTION FOR DIRECTION AS TO HOW TO PROCEED.

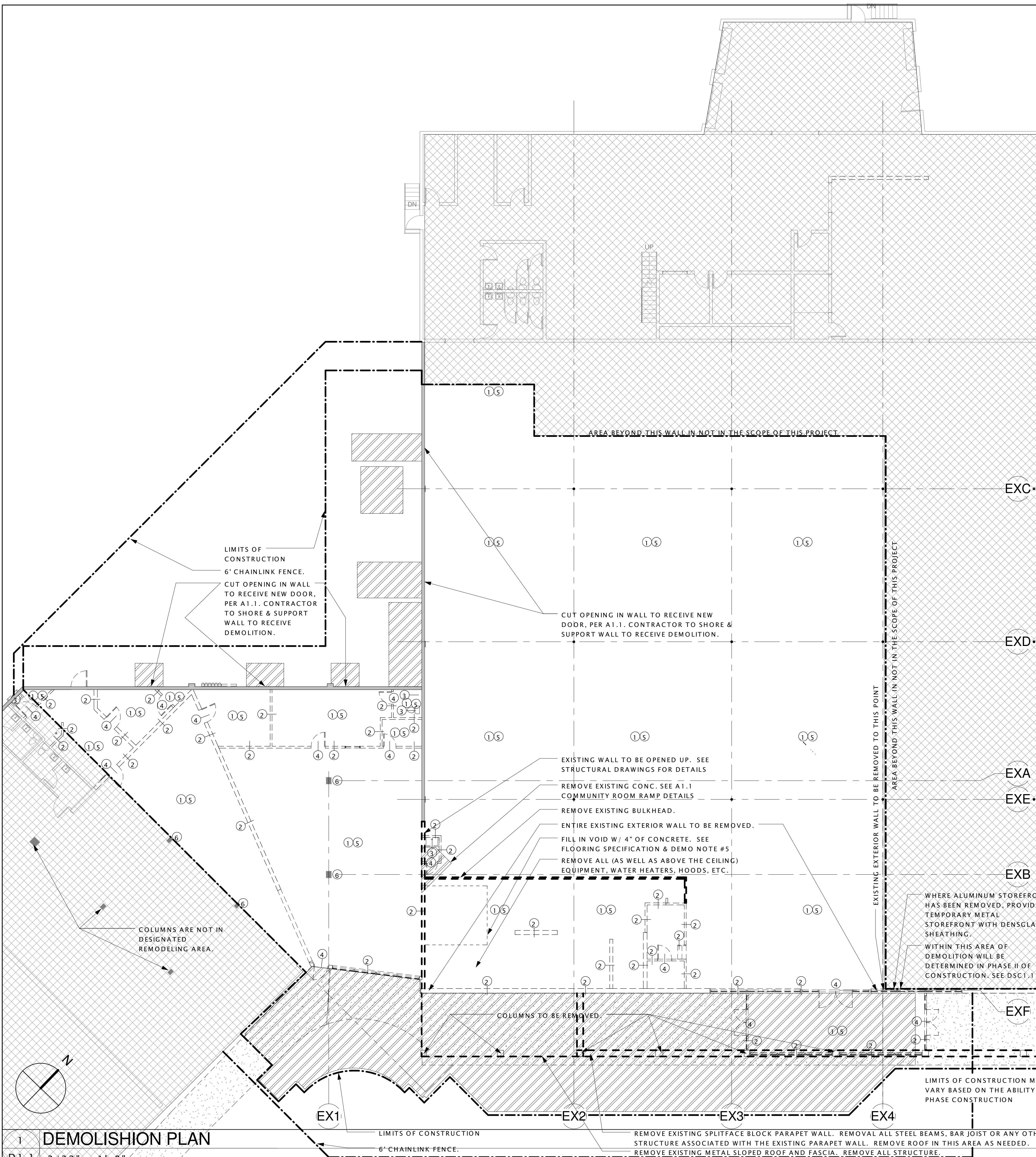
ADDITIONAL TEMPORARY FACILITIES: ANY ADDITIONAL TEMPORARY FACILITIES OR SERVICES AS MAY BE REQUIRED BY ANY SPECIAL NECESSITIES OF ALTERATION WORK SHALL BE PROVIDED BY THE CONTRACTOR OUTSIDE OF HOUSE DURING ALL HOURS SUCH WORK IS IN PROGRESS. PROVIDE PORTABLE TOILET FACILITIES OUTSIDE OF THE HOUSE AS REQUIRED.

SPECIAL PERMITS: SECURE ANY AND ALL PERMITS TO DEMOLISH AND REHABILITATION AS MAY BE REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION OVER SUCH WORK.

- AREA N.I.C. (NOT IN CONTRACT)
- CONCRETE AND ASPHALT TO BE REMOVED
- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- EXISTING DOOR/WINDOW TO REMAIN
- EXISTING DOOR/WINDOW TO BE DEMOLISHED

3 LEGEND

D1.1 3/32" = 1'-0"



1 DEMOLITION PLAN

D1.1 3/32" = 1'-0"

LIMITS OF CONSTRUCTION
6" CHAINLINK FENCE.
REMOVE EXISTING SPLITFACE BLOCK PARAPET WALL. REMOVE ALL STEEL BEAMS, BAR JOIST OR ANY OTHER STRUCTURE ASSOCIATED WITH THE EXISTING PARAPET WALL. REMOVE ROOF IN THIS AREA AS NEEDED.
REMOVE EXISTING METAL SLOPED ROOF AND FASCIA. REMOVE ALL STRUCTURE.

PLANTING INSTRUCTIONS:

- EXCAVATE PLANTING PITS SO THAT THE DEPTH AND DIAMETER ARE TWICE THE SIZE OF THE ROOT BALL OR CONTAINER. ALL PLANTING MIX SHALL CONSIST OF THE FOLLOWING: ONE-HALF CLEAN, FRIABLE, SANDY-LOAM TOPSOIL, ONE-HALF ACCEPTABLE ON-SITE SOIL.
- BACKFILL THE PIT WITH ENOUGH COMPACTED PLANTING MIX SO THAT THE TOP OF THE ROOT BALL WILL REST AT THE FINISHED GRADE.
- REMOVE THE CONTAINER OR PACKING MATERIAL FROM THE PLANT. LIFT PLANTS BY THE ROOT BALL. WHENEVER POSSIBLE, DO NOT DAMAGE THE BARK, CAMBIUM, FOLIAGE, BRANCHES, OR ROOTS WHILE MOVING. PLACE THE PLANT UPRIGHT IN THE CENTER OF THE PIT WITH BEST FACE FORWARD.
- BACKFILL SHRUB AND GROUND COVER PITS WITH APPROVED PLANTING MIX. FORM A SOIL BERM AROUND THE OUTER EDGE OF THE PIT TO FACILITATE WATER UPTAKE. TOPDRESS ALL BEDS WITH 4" CLEAN, FRIABLE, SANDY-LOAM TOPSOIL.
- FOR TREES, BACKFILL ONE-HALF OF THE PIT WITH APPROVED PLANTING MIX, THEN FILL THE PIT WITH WATER. AFTER THE WATER HAS DRAINED, BACKFILL THE REMAINING HALF OF THE PIT, INSURING THAT THE BASE OF THE TREE TRUNK IS NOT COVERED. SATURATE THE PIT WITH WATER AND TAMP THE SOIL TO REMOVE AIR POCKETS.
- FORM A 6" SOIL BERM AROUND THE OUTERMOST EDGE OF THE PIT TO FACILITATE WATERING.
- FERTILIZE ALL TREES WITH AGRIFORM 21 GRAM TABLETS, OR APPROVED EQUAL, PER MANUFACTURER'S INSTRUCTIONS. FERTILIZE ALL PLANTING BEDS WITH OSMOCOTE 18-6-12 SLOW RELEASE FERTILIZER, OR APPROVED EQUAL, PER MANUFACTURER'S INSTRUCTIONS. TREAT ALL PLANTING BEDS WITH PREEMERGENT HERBICIDES ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
- MULCH ALL BEDS AND PLANTING PITS WITH MULCH, OR OTHER APPROVED EQUAL TO A MINIMUM COMPACTED DEPTH OF 3".
- THE CONTRACTOR SHALL MAINTAIN, AT THE DISCRETION OF THE OWNER, ALL PLANT MATERIAL BY WATERING, FERTILIZING, SPRAYING, TRIMMING, OR PRUNING AS NECESSARY UNTIL ESTABLISHED. -LONG TERM CARE OF LANDSCAPING SHALL BE ACCOMPLISHED THROUGH CONTRACT MAINTENANCE.

LANDSCAPE NOTES:

- CONTRACTOR SHALL INSTALL PLANT MATERIAL AS INDICATED ON THE PLANS. DO NOT MAKE ANY CHANGES, SUBSTITUTIONS, OR REVISIONS. ANY CHANGES MUST HAVE PRIOR APPROVAL BY THE OWNER AND PERMITTING AUTHORITY.
- ALL PLANT MATERIAL SHALL BE GRADED FLORIDA #1 OR BETTER AS SET FORTH IN THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES GRADES AND STANDARDS FOR NURSERY PLANTS. THE PLANTS SHALL MEET OR EXCEED THE SIZES INDICATED.
- ALL TOPSOIL SHALL BE CLEAN, FRIABLE, FERTILE SANDY-LOAM FREE OF WEEDS, BRUSH, DEBRIS, CLAY LUMPS, OR STONES LARGER THAN 2" IN ANY DIMENSION, AND ANY OTHER EXTRANEOUS MATERIAL.
- CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY OF ANY UNFORESEEN SITE CO (COMPACTED SOIL/SUBGRADE, POOR DRAINAGE, UTILITY CONFLICTS, ETC.) PRIOR TO SEEDING WITH LANDSCAPE INSTALLATION.
- ALL PLANTS, MATERIAL, LABOR, AND WORKMANSHIP ARE SUBJECT TO APPROVAL BY THE OWNER.
- ALL TREES TO BE COVERED UNDER WARRANTY BY THE CONTRACTOR TO BE ALIVE AND GROWING 12 MONTHS FROM THE DATE OF PLANTING. ALL SHRUBS AND GRASS TO BE COVERED UNDER WARRANTY BY THE CONTRACTOR TO BE ALIVE AND GROWING 90 DAYS FROM THE DATE OF PLANTING. ANY DEAD OR DYING PLANTS SHALL BE REPLACED TO CONFORM WITH THE PERMITTED PLANS.
- PROVIDE METAL EDGING BETWEEN DIFFERENT COLOR MICHES
- PLANTING VOLUME FOR ONE OR MORE TREES SHALL BE A MINIMUM OF 1200 CUBIC FEET WITH A MINIMUM WIDTH OF 12 FEET AND A DEPTH OF THREE FEET. CONSTRUCTION-GRA FILL MATERIAL WITHIN PLANTING AREA SHALL BE EXCAVATED TO A DEPTH OF THREE FEET BELOW THE FINISHED GRADE OF THE PLANTING AREA AND REPLACED WITH A NON-COMPACTED "FRIABLE" TOPSOIL. THE PLANTING AREA SHALL BE MAINTAINED IN EITHER VEGETATIVE LANDSCAPE MATERIAL OR OTHER PERVIOUS SURFACE COVER.

LANDSCAPE MAINTENANCE

MAINTENANCE PERIOD TO COMMENCE AFTER FINAL INSPECTION.

A. THE OWNER SHALL MAINTAIN IN PERPETUITY ALL LANDSCAPING, LANDSCAPE AREAS, LANDSCAPE DEVELOPMENT, BUFFER AREAS, AND TREES REQUIRED BY THE ENVIRONMENTAL ORDINANCE.

MAINTAIN TREES, SHRUBS AND OTHER PLANTS BY PRUNING, CULTIVATING AND WEEDING AS REQUIRED FOR HEALTHY GROWTH. RESTORE PLANTING SAUCERS. RESTORE OR REPLACE DAMAGED WRAPPINGS. SPRAY AS REQUIRED TO KEEP TREES AND SHRUBS FREE OF INSECTS AND DISEASE.

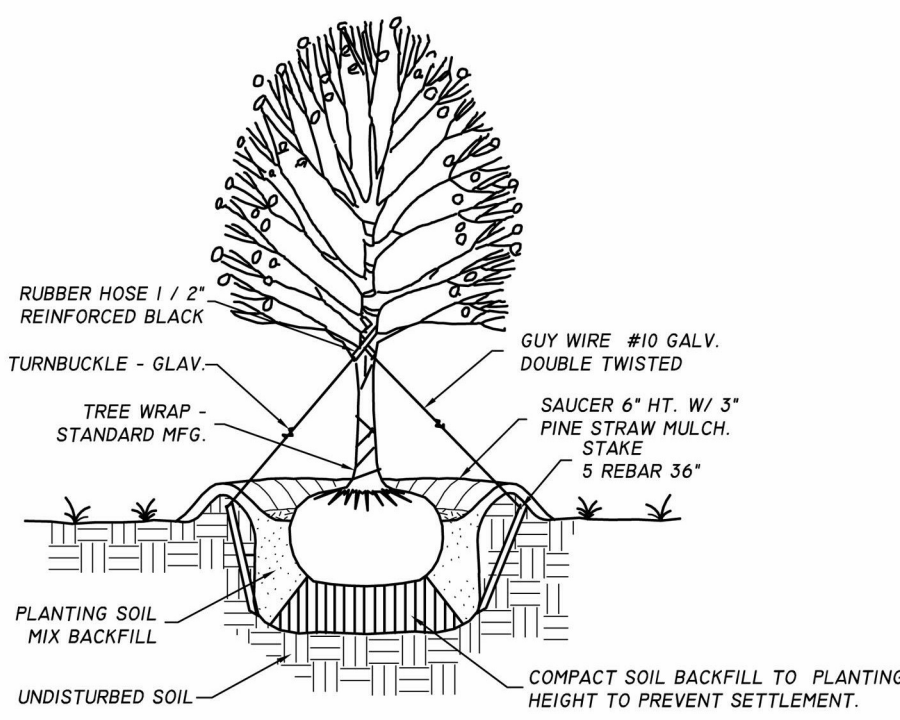
MAINTAIN LAWNS BY WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING, AND OTHER OPERATIONS SUCH AS ROLLING, REGRADING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.

B. THE CONTRACTOR SHALL GUARANTEE THE SURVIVABILITY OF THE PROPOSED LANDSCAPING BY WATERING AT A RATE OF 1" PER WEEK OR AS NECESSARY UNTIL PLANTS ARE ESTABLISHED. WATER SUPPLY SHALL BE BY TRUCK OR BY AGREEMENT WITH PROPERTY OWNERS.

THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR TREE AND SHRUB COUNT. CONTRACTOR TO PROVIDE A LANDSCAPE SUBMITTAL DRAWING TO THE ARCHITECT FOR APPROVAL.

ALL LANDSCAPE BEDS SHALL HAVE RUBBER GRANULE MULCH AS INDICATED ON DRAWINGS.

23 YEAR WEED BARRIER SHALL BE INSTALLED BETWEEN SHRUBS AND TREES AS INDICATED ON DRAWINGS. ALL INTERSECTING CORNERS SHALL BE MITERED. WHERE EDGE BARRIER INTERSECTS WITH CONCRETE, MITERED MTL. EDGE BARRIER TO THE ANGLE THE CONCRETE CREATES.

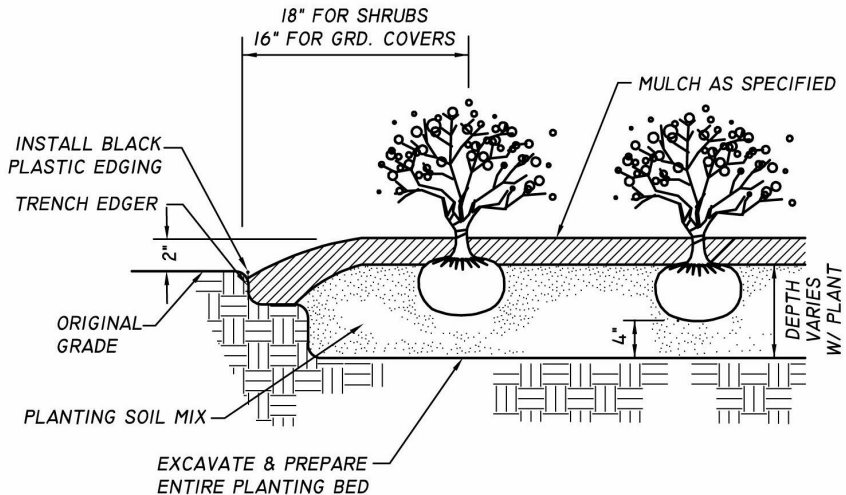
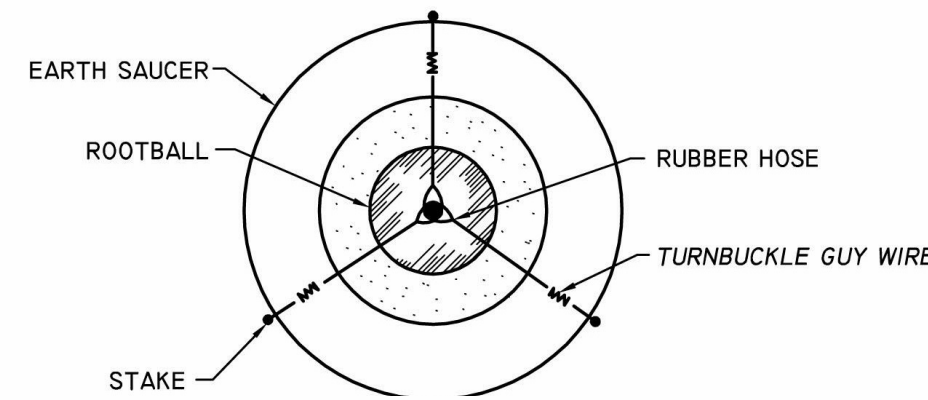


SECTION

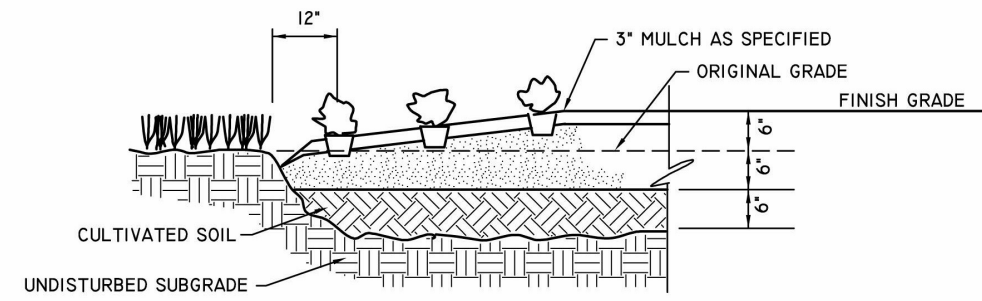
NOTE:

EXCAVATE TREE PIT TO A DEPTH & WIDTH OF TWICE THE ROOTBALL HEIGHT.

REE PLANTING DETAIL
N.T.S.

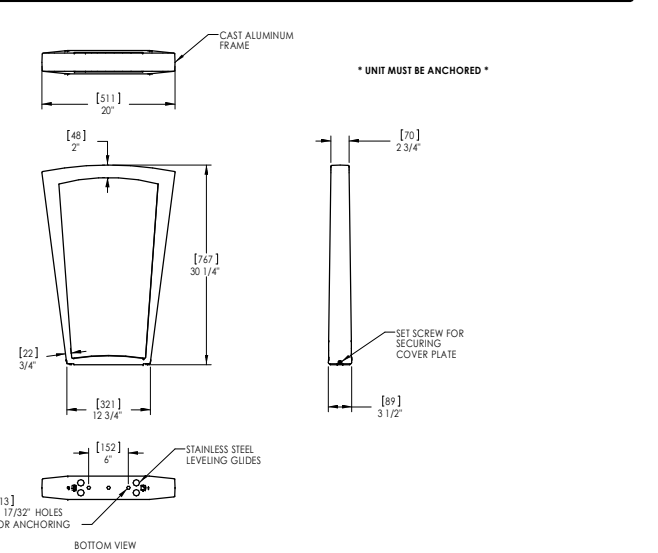


SHRUB PLANTING DETAIL
SCALE: N.T.S.

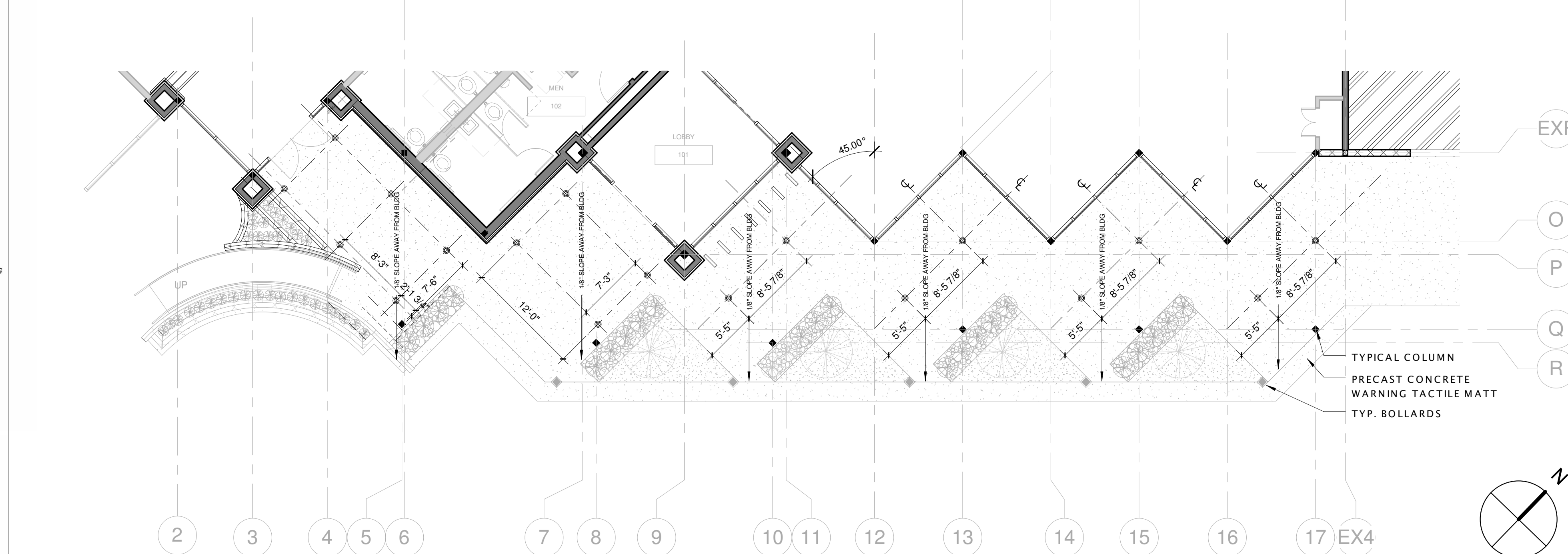
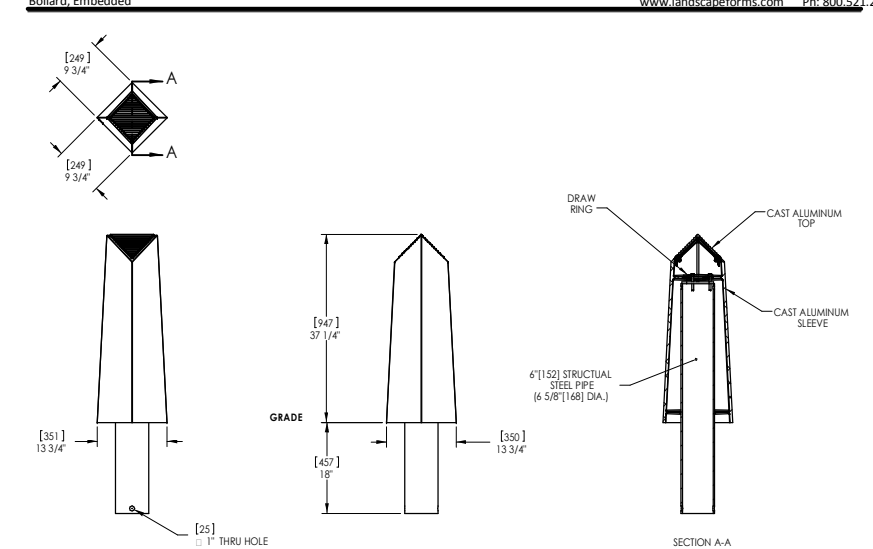


GROUNDCOVER PLANTING DETAIL
SCALE: N.T.S.

Emerson Product Drawing landscapeforms®



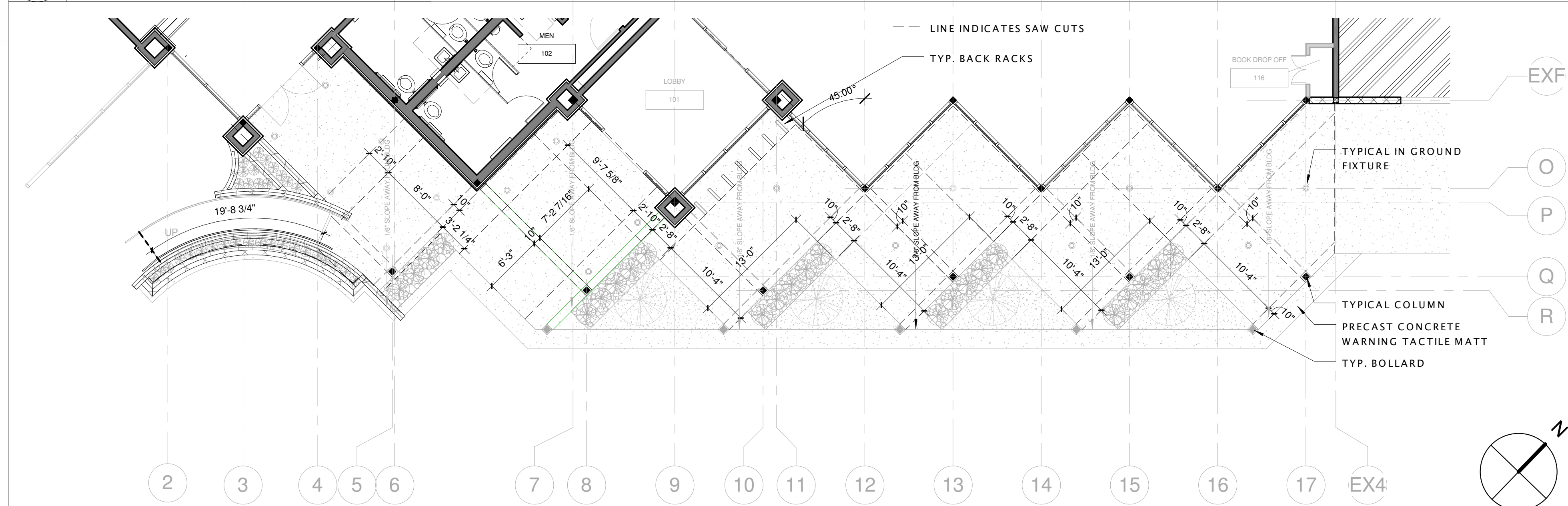
Paladin™ Product Drawing landscapeforms®



1 LIBRARY EXTERIOR LIGHTING PLAN

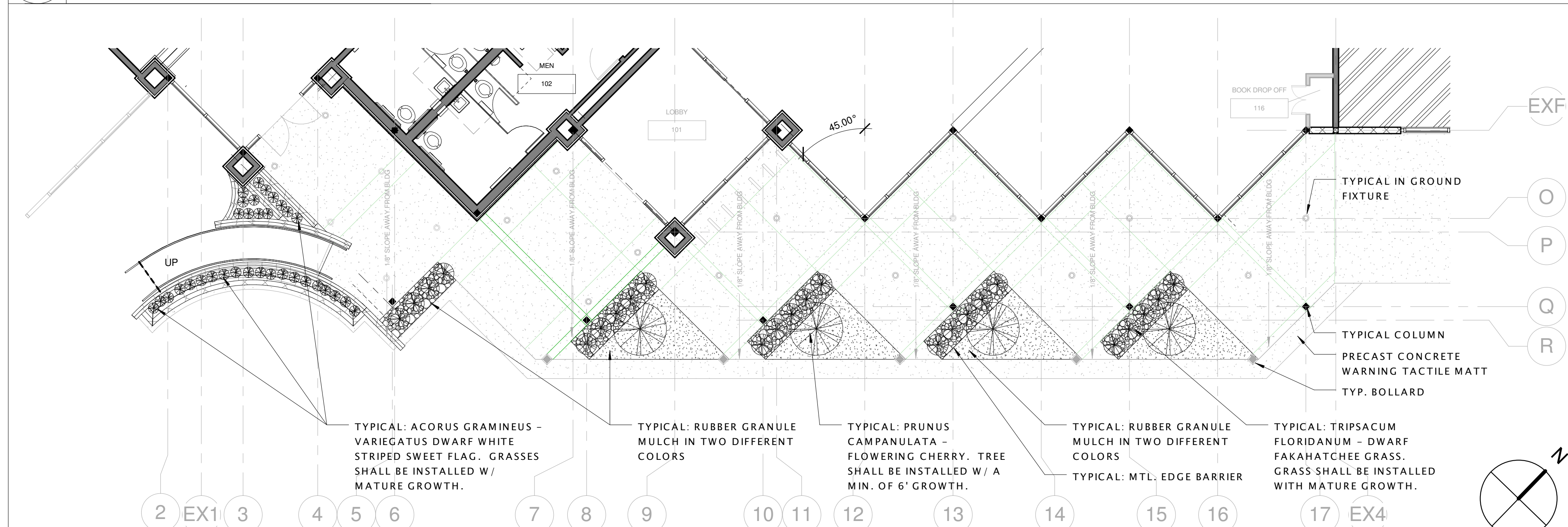
SEE ELECTRICAL LIGHTING PLAN - IN-GROUND FIXTURES

A0.0 1/8" = 1'-0"



2 LIBRARY HARDSCAPE PLAN

A0.0 1/8" = 1'-0"

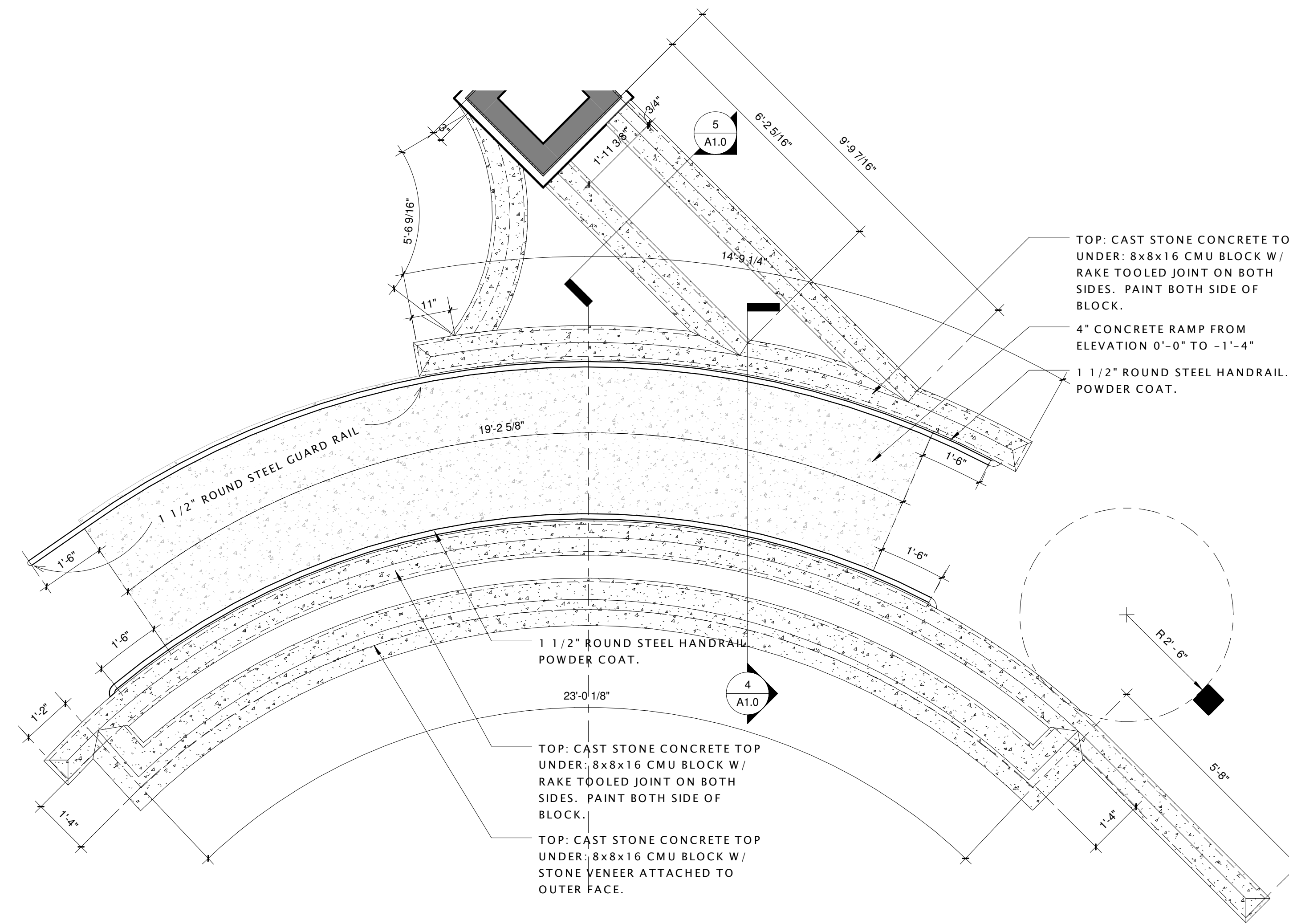


3 LIBRARY LANDSCAPE PLAN

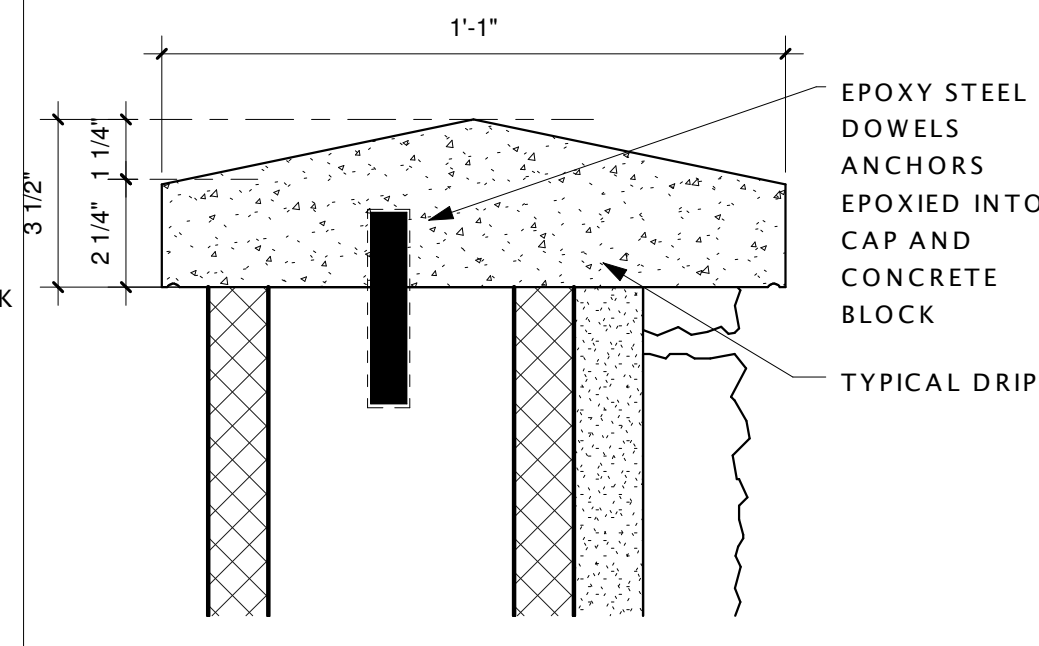
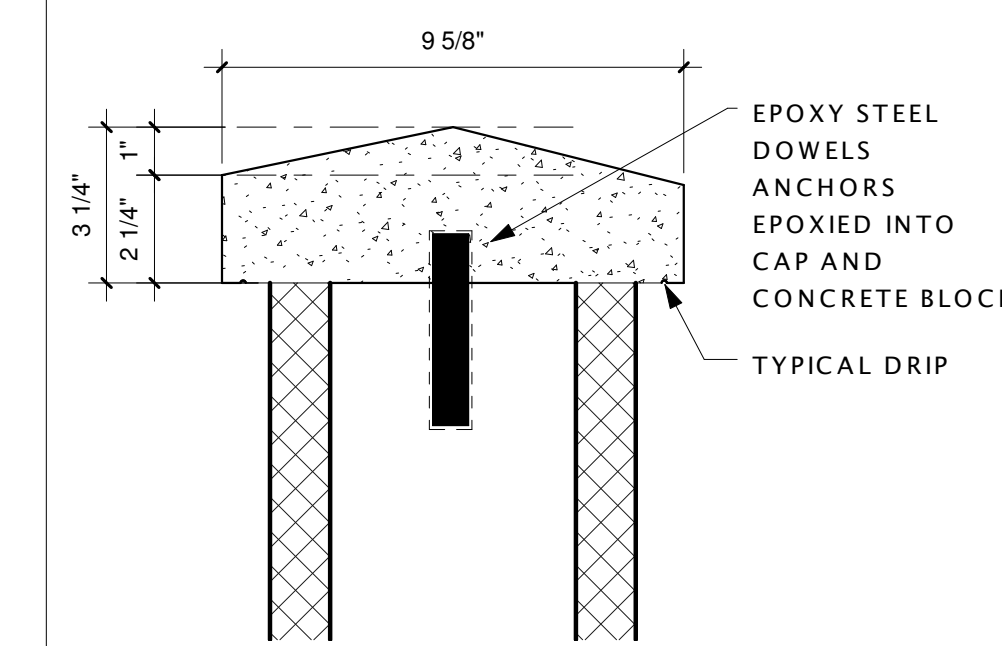
A0.0 1/8" = 1'-0"

DRAWN	PHASE	CHECK	DATE
AAB	SD	JOHNSON	06/25/10
DSHULER	50%DD	JOHNSON	10/15/10
DSHULER	100%DD	JOHNSON	12/08/10
DSHULER	50%CD	JOHNSON	03/08/11
DSHULER	PERMIT	JOHNSON	05/20/11
DSHULER	BID DOC	JOHNSON	08/31/11

#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW



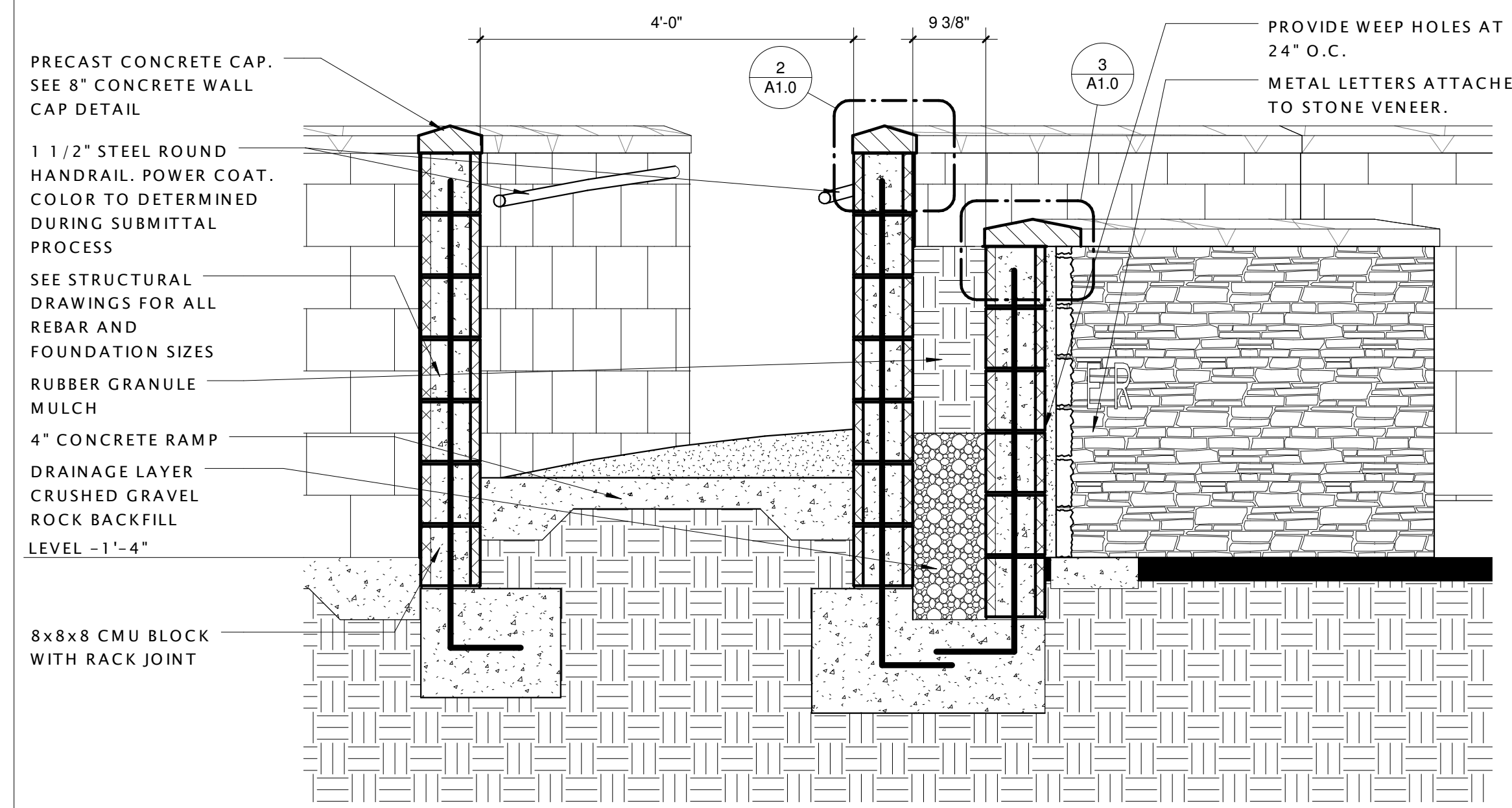
BASIS OF DESIGN: HANDRAIL BRACKET
www.buyrailings.com ITEM # 40-308/1H



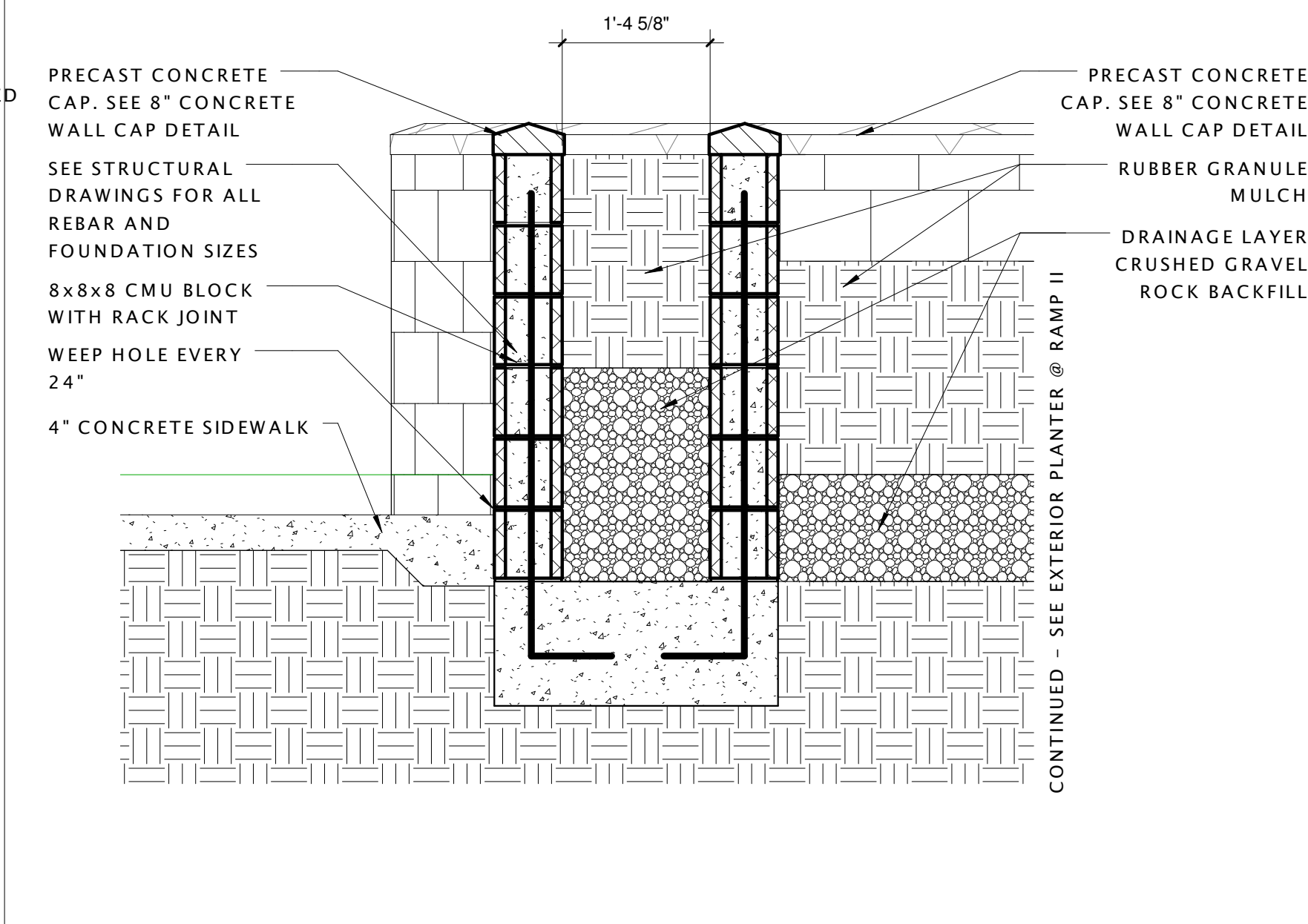
2 8" CONCRETE WALL CAP
A1.0 3" = 1'-0"

3 12" CONCRETE WALL CAP
A1.0 3" = 1'-0"

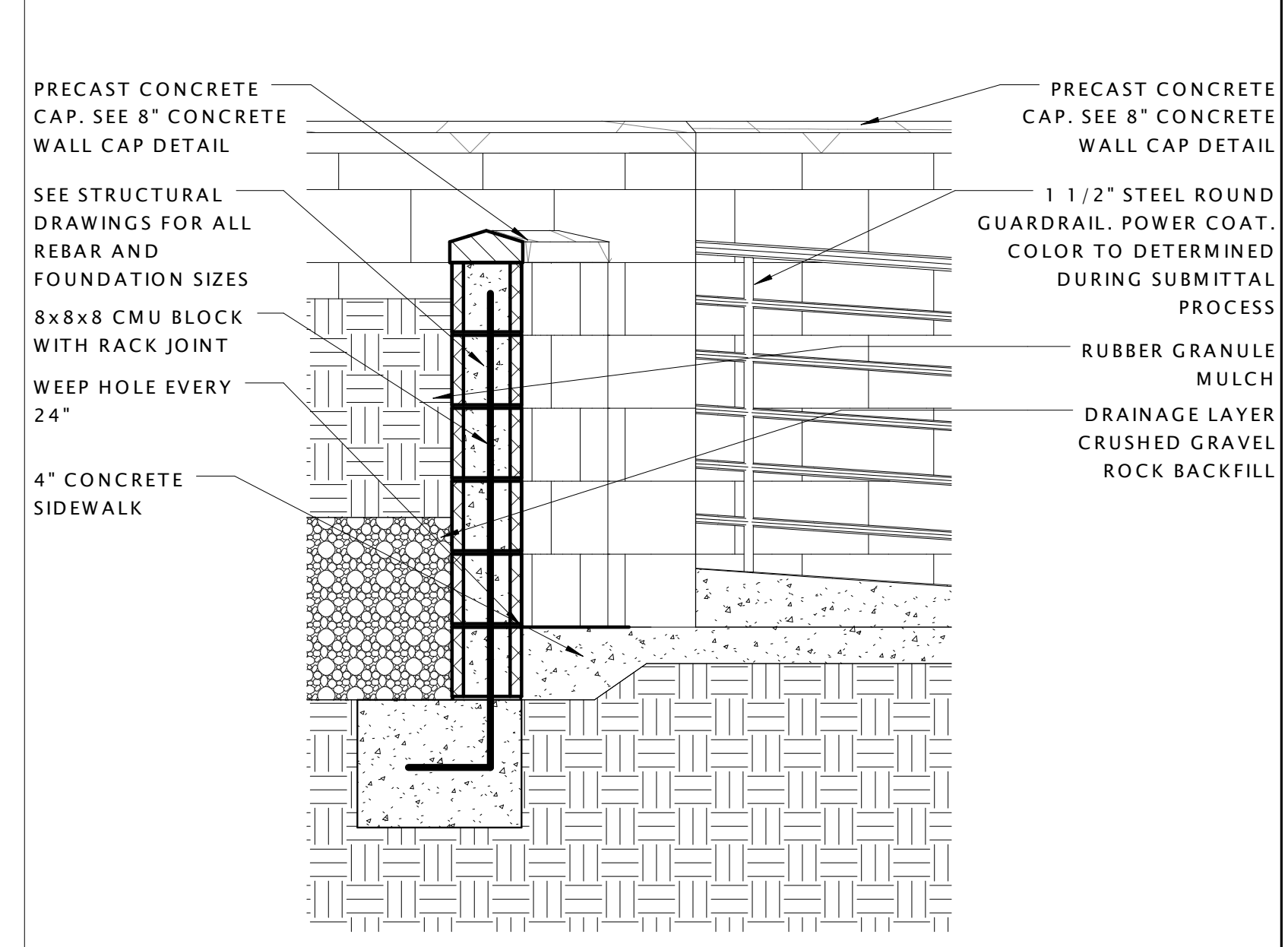
1 EXTERIOR ENLARGED RAMP PLAN
A1.0 1/2" = 1'-0"



4 RAMP/PLANTER SECTION
A1.0 3/4" = 1'-0"



5 EXTERIOR PLANTER AT RAMP
A1.0 3/4" = 1'-0"



6 EXTERIOR PLANTER AT RAMP II
A1.0 3/4" = 1'-0"

DRAWN	PHASE	CHECK	DATE
AAB	SD	JOHNSON	06/25/10
DSHULER	50%DD	JOHNSON	10/15/10
DSHULER	100%DD	JOHNSON	12/08/10
DSHULER	50%CD	JOHNSON	03/08/11
DSHULER	PERMIT	JOHNSON	05/20/11
DSHULER	BID DOC	JOHNSON	08/31/11

#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW

Revisions

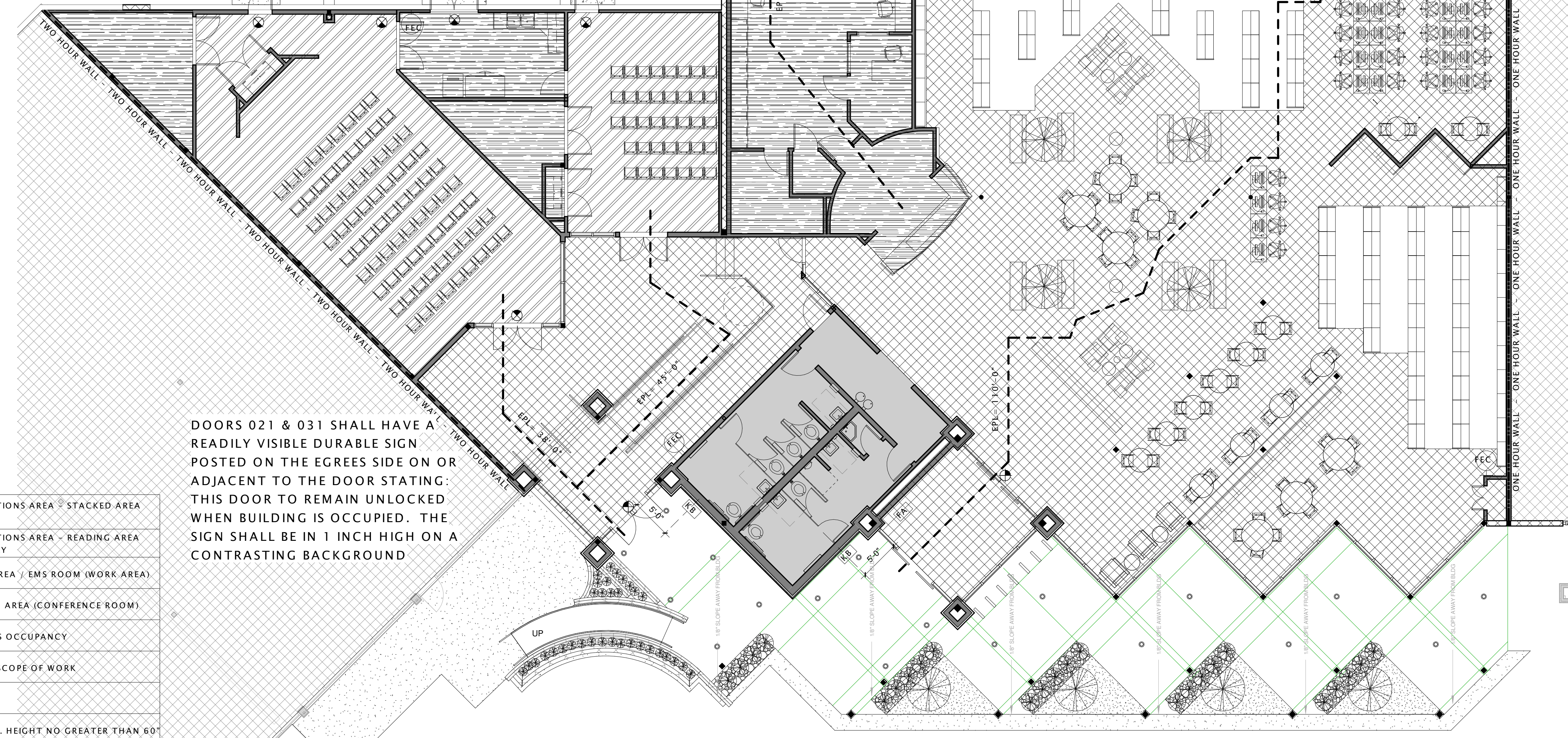
Seal

THE ROOF IN BOTH TOWERS ARE CONSTRUCTED OF LIGHT FRAME TRUSS CONSTRUCTION. THE STRUCTURE SHALL BE POSTED WITH SIGNAGE MEETING THE REQUIREMENTS OF THE FLORIDA ADMINISTRATION CODE 69A-60.0081 NOTICE REQUIRED FOR STRUCTURES WITH LIGHT-FRAME TRUSS TYPE CONSTRUCTION.

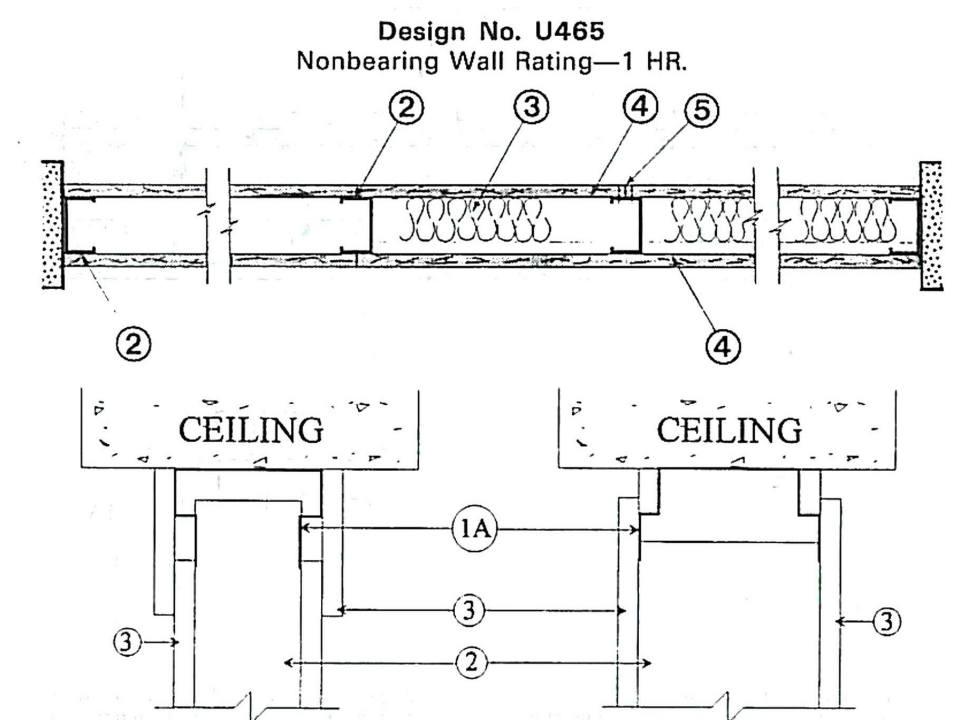
AUTOMATIC SLIDING DOOR SIGNAGE: DOOR SHOULD HAVE DECALS PROPERLY DISPLAYED. THERE SHOULD BE DECALS THAT INCLUDE THE STATEMENT "AUTOMATIC DOOR" (IN LETTERS 1/2" HIGH MIN.) AND "IN EMERGENCY - PUSH TO OPEN". AN ADJACENT SIDELITE OR WALL SHOULD HAVE A "STAND CLEAR" OR SIMILAR DECAL IN THE SLIDE PATH OF THE DOOR. AN AAADM SAFETY INFORMATION LABEL SHOULD BE AFFIXED TO THE DOOR FRAME IN A VISIBLE, PROTECTED LOCATION.

OCCUPANCY USE - GROUP A3 - LIBRARIES
CONSTRUCTION TYPE - TYPE II-B - SPRINKLERED
TOTAL BUILDING SQUARE FOOTAGE - 15,212 NSF
TOTAL BUILDING OCCUPANCY LOAD = 340 OCCUPANTS
NUMBER OF EXITS REQUIRED = 2 - NUMBER PROVIDED 6
EXIT WIDTH REQUIRED: 340 X 0.2 = 68"

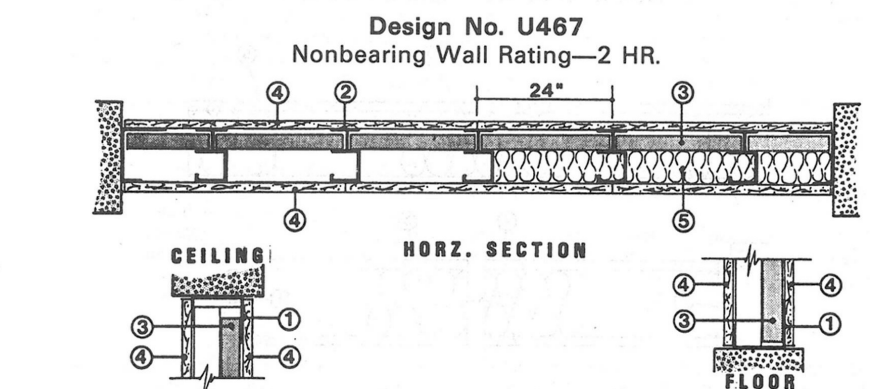
- OCCUPANT LOAD:
1. COLLECTION AREA: ASSEMBLY - GROUP A3
TOTAL SQUARE FEET = 9,025 NET sqft
STACKS AREA = 2,047 sqft
OCCUPANCY LOAD: = 100 GSF = 21 OCCUPANTS
READING AREA = 6,978 sqft
OCCUPANCY LOAD: = 50 NSF = 140 OCCUPANTS
TRAVEL DISTANCE: MAX DISTANCE = 250'-0" - SEE LIFE SAFETY PLAN
 2. WORK AREA: ASSEMBLY - GROUP A3
TOTAL SQUARE FEET = 4,376 sqft
OCCUPANCY LOAD = 100 GSF = 44 OCCUPANTS
TRAVEL DISTANCE: MAX DISTANCE = 300'-0" - SEE LIFE SAFETY PLAN
 3. CONFERENCE ROOM: (LARGE) ASSEMBLY - GROUP A3
TOTAL SQUARE FEET = 1266 sqft
OCCUPANCY LOAD: = 15 NSF = 85 OCCUPANTS
TRAVEL DISTANCE: MAX DISTANCE = 250'-0" - SEE LIFE SAFETY PLAN
 4. CONFERENCE ROOM: (SMALL) ASSEMBLY - GROUP A3
TOTAL SQUARE FEET = 521 sqft
OCCUPANCY LOAD: = 15 NSF = 38 OCCUPANTS
TRAVEL DISTANCE: MAX DISTANCE = 250'-0" - SEE LIFE SAFETY PLAN
 5. BUSINESS OCCUPANCY - GROUP B
TOTAL SQUARE FEET = 520 sqft
OCCUPANCY LOAD: = 100 GROSS = 52 OCCUPANTS
TRAVEL DISTANCE: MAX DISTANCE = 250'-0" - SEE LIFE SAFETY PLAN



DOORS 021 & 031 SHALL HAVE A READILY VISIBLE DURABLE SIGN POSTED ON THE EGRESSES SIDE ON OR ADJACENT TO THE DOOR STATING: THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED. THE SIGN SHALL BE IN 1 INCH HIGH ON A CONTRASTING BACKGROUND



1. Floor and Ceiling Runners—(not shown)—Channel shaped runners, 3/8 in. wide (min), 1-1/4 in. legs, formed from No. 25 MSG (min) galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
1A. As an alternate to Item 1 Ceiling Runner—25 MSG min galv steel width to accommodate stud, with 3 or 4 in. legs offset at midpoint 5/8 in. to accommodate wall cladding thickness. Attached to ceiling with fasteners spaced 24 in. OC. The wall cladding shall overlap wallboard 1-1/4 in. min.
2. Steel Studs—Channel shaped, 3/8 in. wide (min), 1-1/4 in. legs, 3/8 in. folded back returns, formed from No. 25 MSG (min) galv steel spaced 24 in. OC max.
3. Batts and Blankets—(Optional)—Mineral wool or glass fiber batts partially or completely filling stud cavity.
4. Wallboard, Gypsum—5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type S self-tapping steel screws spaced 8 in. OC, along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When attached to item 6 (furring channels), wallboard is screw attached to furring channels with 1 in. long, type S steel screws spaced 12 in. OC.
Boral Gypsum Inc.—Type BGC
Canadian Gypsum Co., Ltd.—Types C, SCX, SHX, WRX
Dormer Gypsum Inc.—Type S or C
Eagle Gypsum Products—Type EGC
Georgia-Pacific Corp., Gypsum Div.—Type GPFS-6 or GPFS-C
National Gypsum Co.—Types FSKG, FSW-G
Palco Gypsum Co.—Type PSC
Republic Gypsum Co.—Type BGC
Standard Gypsum Corp.—Type SGC
Temple-Inland Forest Products Corp.—Type TP-S
United States Gypsum Co.—Type AR, C, IPX2, SCX, SHX, WRX or WRX
Westrock Industries Ltd.—Type Westrock Fireboard
4A. Wallboard, Gypsum—(As an alternate to Item 4)—Nom 3/4 in. thick, 4 ft wide, installed as described in Item 4 with screw length increased to 1-1/4 in.
United States Gypsum Co.—Type AR
4B. Wallboard, Gypsum—(As an alternate to Items 4 and 4A)—5/8 in. thick installed as described in Item 4. Joint covering (Item 5) not required.
United States Gypsum Co.—Westrock
6. Joint Tape and Compound—Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.
6. Furring Channels—(Optional Not Shown)—Flat 25 MSG galv steel furring channels spaced vertically max 24 in. OC, flange portion attached to each intersecting stud with 1/2 in. long type S-12 pan-head steel screws.
*Bearing the UL Classification Marking



1. Floor and Ceiling Runners—"J" shaped, 2-1/2 in. wide with unequal legs of 1 in. and 2 in., fabricated from 24 MSG galv steel. Runners attached to structural supports with steel fasteners located not greater than 2 in. from ends and not greater than 24 in. OC.
1A. As an alternate to Item 1 Ceiling Runner—24 MSG min galv steel, width to accommodate stud, with 3 or 4 in. legs offset one side at midpoint to accommodate wall cladding thickness. Attached to ceiling with fasteners spaced 24 in. OC. The wall cladding shall overlap wallboard 1-1/4 in. min.
2. Steel Studs—"CH" shaped studs, 2-1/2 in. wide by 1-1/2 in. deep, fabricated from 25 MSG galv steel spaced 24 in. OC. Vertically restrained walls require studs to be cut 3/8 in. less than floor-to-ceiling height.
3. Wallboard, Gypsum—1 in. thick gypsum wallboard linear panels, supplied in nominal 24 in. widths. Vertical edges inserted in "H" shaped section of "CH" studs. Free edge of end panels attached to long leg of "J" runners with 1-5/8 in. long Type S self-drilling, self-tapping bugle head steel screws spaced not greater than 12 in. OC.
Canadian Gypsum Co.—Type SLX
United States Gypsum Co.—Type SLX
4. Wallboard, Gypsum—1/2 in. or 5/8 in. 4 ft wide applied vertically and attached to studs and runners with 1 in. long Type S steel screws spaced 12 in. OC.
Boral Gypsum Inc.—Type BGC
Canadian Gypsum Co.—Type BGC
Dormer Gypsum Inc.—Type S
Eagle Gypsum Products—Type EGC
Georgia-Pacific Corp., Gypsum Div.—Type DGG, GPFS-6 or GPFS-C
National Gypsum Co.—Type FR or WR
Palco Gypsum Co.—Type PSC
Republic Gypsum Co.—Type BGC
Standard Gypsum Corp.—Type SGC
Temple-Inland Forest Products Corp.—Type TP-S
United States Gypsum Co.—1/2 in. Types C, IPX2, 5/8 in. Type AR, C, IPX1, IPX2, SCX, SHX or WRX
4A. Wallboard, Gypsum—(As an alternate to Item 4)—Nom 3/4 in. thick, 4 ft wide, installed as described in Item 4 with screw length increased to 1-1/4 in.
United States Gypsum Co.—Type AR
5. Batts and Blankets—(Optional)—Mineral wool batts partially or completely filling stud cavity.
USG Interiors Inc.
United States Gypsum Co.
*Bearing the UL Classification Marking

LEGEND

EPL = 0'-0" →	MAX. TRAVEL DISTANCE ROUTE	[Symbol]	COLLECTIONS AREA - STACKED AREA
- - - - -	EPL = EGRESSES PATH LENGTH	[Symbol]	COLLECTIONS AREA - READING AREA
[Symbol]	FIRE EXIT LIGHT CEILING MOUNT	[Symbol]	ASSEMBLY
[Symbol]	FIRE EXIT LIGHT CEILING MOUNT	[Symbol]	STAFF AREA / EMS ROOM (WORK AREA)
[Symbol]	FIRE EXTINGUISHER CABINET	[Symbol]	MEETING AREA (CONFERENCE ROOM)
[Symbol]	FIRE ALARM ANNUCIATOR PANEL	[Symbol]	BUSINESS OCCUPANCY
[Symbol]	ONE HOUR DEMISING WALL	[Symbol]	NOT IN SCOPE OF WORK
[Symbol]	TWO HOUR DEMISING WALL	[Symbol]	
[Symbol]	KNOX BOX - BASIS OF DESIGN, KNOX-BOX 3200 SERIES #3275. MT. HEIGHT NO GREATER THAN 60"		

DRAWN	PHASE	CHECK	DATE
ASB	SD	JOHNSON	06/25/10
DSHULER	50%DD	JOHNSON	10/15/10
DSHULER	100%DD	JOHNSON	12/08/10
DSHULER	50%CD	JOHNSON	03/08/11
DSHULER	PERMIT	JOHNSON	05/20/11
DSHULER	BID DOC	JOHNSON	08/31/11

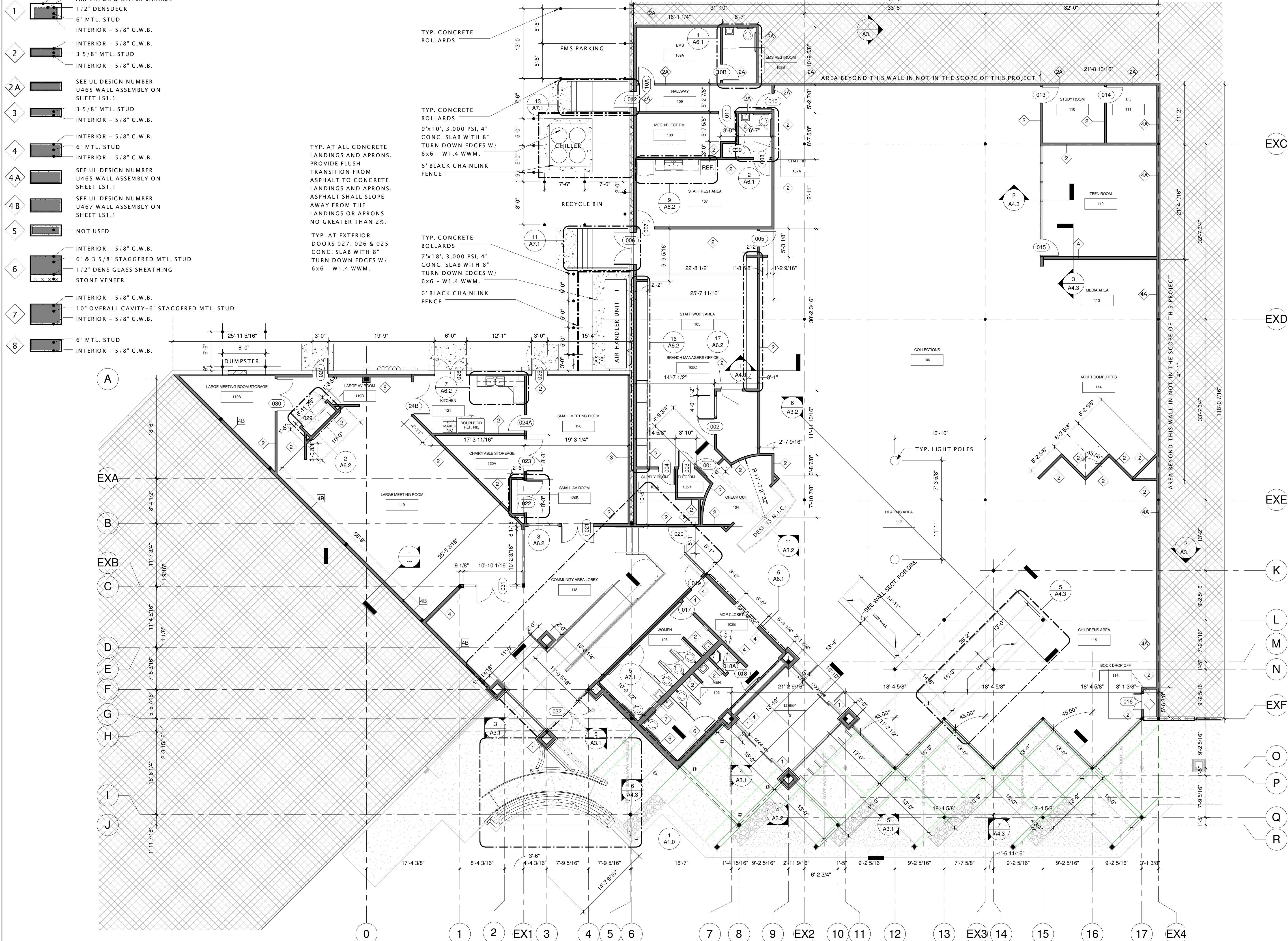
#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW

- 1 EXTERIOR - STUCCO WALL SYSTEM
AIR VAPOR & WATER BARRIER
1/2" DENSDECK
6" MTL. STUD
- 2 INTERIOR - 5/8" G.W.B.
3 5/8" MTL. STUD
- 2A SEE UL DESIGN NUMBER
U465 WALL ASSEMBLY ON
SHEET LS1.1
- 3 INTERIOR - 5/8" G.W.B.
3 5/8" MTL. STUD
- 4 INTERIOR - 5/8" G.W.B.
6" MTL. STUD
- 4A SEE UL DESIGN NUMBER
U465 WALL ASSEMBLY ON
SHEET LS1.1
- 4B SEE UL DESIGN NUMBER
U467 WALL ASSEMBLY ON
SHEET LS1.1
- 5 NOT USED
- 6 INTERIOR - 5/8" G.W.B.
6" & 3 5/8" STAGGERED MTL. STUD
1/2" DENS GLASS SHEATHING
STONE VENEER
- 7 INTERIOR - 5/8" G.W.B.
10" OVERALL CAVITY-6" STAGGERED MTL. STUD
- 8 6" MTL. STUD
INTERIOR - 5/8" G.W.B.

TYP. AT ALL CONCRETE
LANDINGS AND APRONS.
PROVIDE FLUSH
TRANSITION FROM
ASPHALT TO CONCRETE
LANDINGS AND APRONS.
ASPHALT SHALL SLOPE
AWAY FROM THE
LANDINGS OR APRONS
NO GREATER THAN 2%.

TYP. AT EXTERIOR
DOORS 027, 026 & 025
CONC. SLAB WITH 8"
TURN DOWN EDGES W/
6x6 - W1.4 WWM.

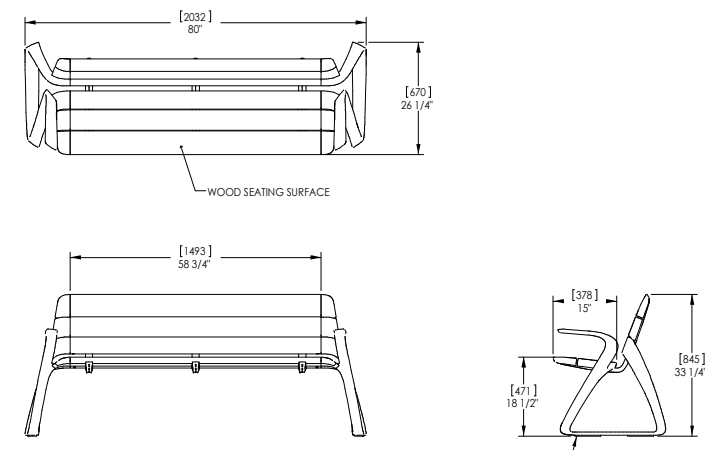
TYP. CONCRETE
BOLLARDS
9'x10', 3,000 PSI, 4"
CONC. SLAB WITH 8"
TURN DOWN EDGES W/
6x6 - W1.4 WWM.
6' BLACK CHAINLINK
FENCE



Phase	Drawn	Phase	Check	Date
AAB	SD	JOHNSON		06/25/10
DSHULER	50%DD	JOHNSON		10/15/10
DSHULER	100%DD	JOHNSON		12/08/10
DSHULER	50%CD	JOHNSON		03/08/11
DSHULER	PERMIT	JOHNSON		05/20/11
DSHULER	BID DOC	JOHNSON		08/31/11

#	Date	Comments
1	07/29/11	COT PLAN REVIEW

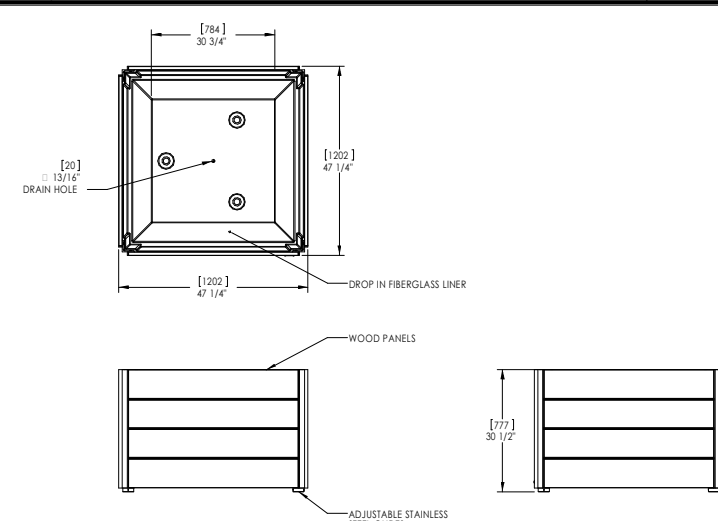
Rest™ Product Drawing | ndsca eforma®



Drawing: 02101-00
Scale: 1/8" = 1'-0"
Date: 07/29/11
U.S. Patent # 7,520,848; CAN. Pat. # 2,666,822

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Plaza Product Drawing | ndsca eforma®



Drawing: 02101-01
Scale: 1/8" = 1'-0"
Date: 07/29/11
U.S. Patent # 7,520,848; CAN. Pat. # 2,666,822

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EXC
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EXE
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EXF
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LEON COUNTY
LIBRARY - LAKE
JACKSON BRANCH

0908.001

BID DOCUMENTS

DOUG SHULER
dshuler@jparchitects.com

Phase	Drawn	Phase	Check	Date
AAB	SD	JOHNSON		06/23/10
DSHULER	50%DD	JOHNSON		10/15/10
DSHULER	100%DD	JOHNSON		12/08/10
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#	Date	Comments
1	07/29/11	COT PLAN REVIEW

Seal

LIBRARY &
COMMUNITY ROOM
FURNITURE PLAN

A1.2

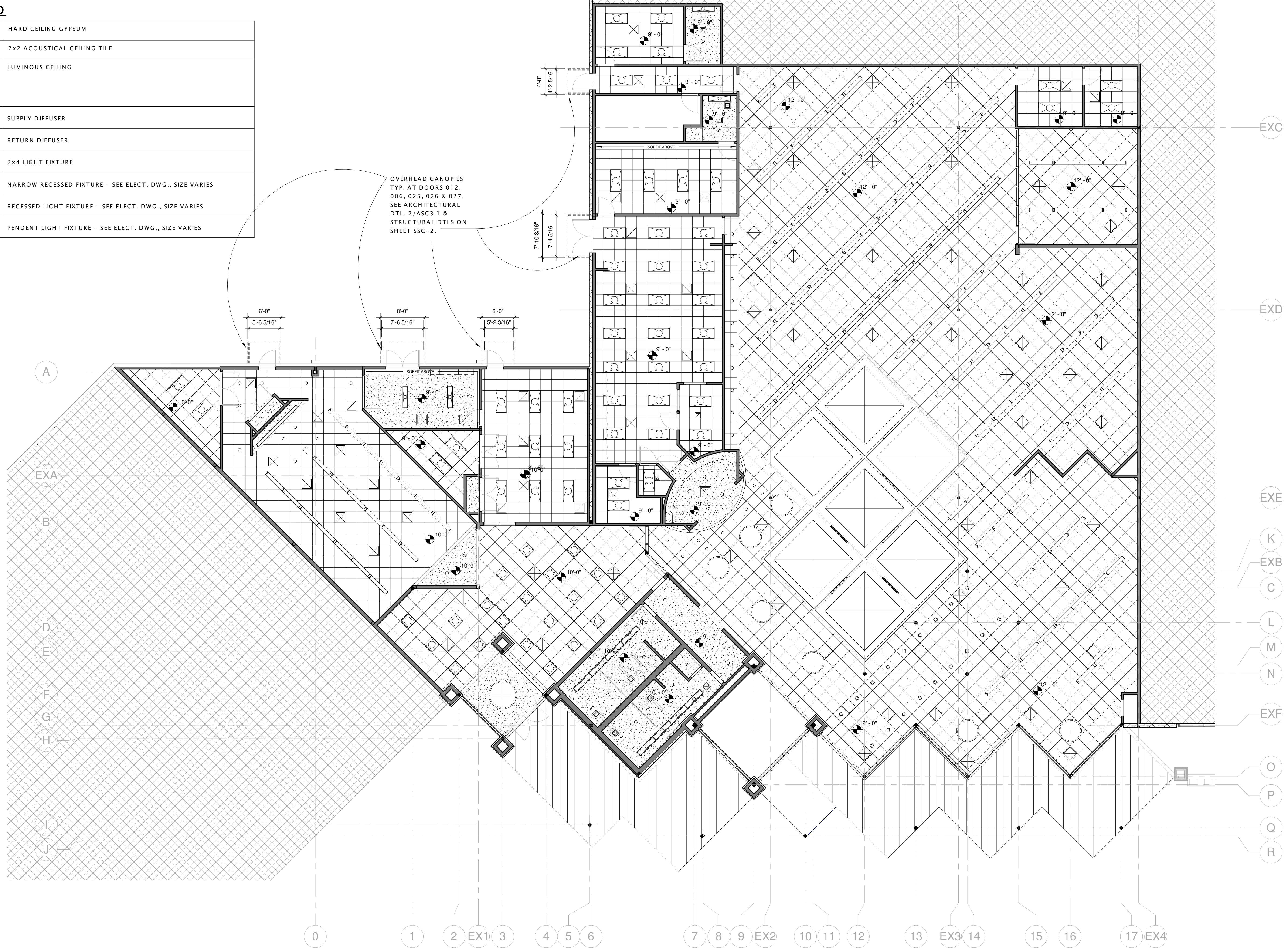
1 FURNITURE PLAN
A1.2 1/8" = 1'-0"

FURNITURE IS NOT IN CONTRACT UNLESS NOTED

LEGEND

	HARD CEILING GYPSUM
	2x2 ACOUSTICAL CEILING TILE
	LUMINOUS CEILING
	SUPPLY DIFFUSER
	RETURN DIFFUSER
	2x4 LIGHT FIXTURE
	NARROW RECESSED FIXTURE - SEE ELECT. DWG., SIZE VARIES
	RECESSED LIGHT FIXTURE - SEE ELECT. DWG., SIZE VARIES
	PENDENT LIGHT FIXTURE - SEE ELECT. DWG., SIZE VARIES

OVERHEAD CANOPIES
TYP. AT DOORS 012,
006, 025, 026 & 027.
SEE ARCHITECTURAL
DTL. 2/ASC3.1 &
STRUCTURAL DTLs ON
SHEET SSC-2.



Phase	Drawn	Phase	Check	Date
AAB	SD	JOHNSON		06/25/10
DSHULER	50%DD	JOHNSON		10/15/10
DSHULER	100%DD	JOHNSON		12/08/10
DSHULER	50%CD	JOHNSON		03/08/11
DSHULER	PERMIT	JOHNSON		05/20/11
DSHULER	BID DOC	JOHNSON		08/31/11

#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW

Room Schedule						
Number	Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Comments
101	LOBBY	TILE	8" WALL BASE	GWB/PAINT	PAINT	WALL BASE - BULL NOSE
102	MEN	TILE	WAINSCOT	GWB/PAINT	PAINT	WALLS WILL HAVE 7'-2" WAINSCOT
102B	MOP CLOSET	TILE	WAINSCOT	GWB/PAINT	PAINT	WALLS WILL HAVE 7'-2" WAINSCOT
103	WOMEN	TILE	WAINSCOT	GWB/PAINT	PAINT	WALLS WILL HAVE 7'-2" WAINSCOT
104	CHECK OUT	CARPET	6" RUBBER BASE	GWB/PAINT	GWB/PAINT	
105	STAFF WORK AREA	CARPET	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
105A	SUPPLY ROOM	CARPET	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
105B	ELEC. RM.	CARPET	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
105C	BRANCH MANAGERS OFFICE	CARPET	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
106	COLLECTIONS	CARPET	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
107	STAFF REST AREA	TILE	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
107A	STAFF RR	TILE	6" RUBBER BASE	GWB/PAINT	GWB/PAINT	
108	MECH/ELECT RM.	SEALED CONCRETE	6" RUBBER BASE	GWB/PAINT	NONE	
109	HALLWAY	CARPET	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
109A	EMS	CARPET	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
109B	EMS RESTROOM	TILE	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
110	STUDY ROOM	CARPET	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
111	I.T.	CARPET	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
112	TEEN ROOM	CARPET	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
113	MEDIA AREA	CARPET	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
114	ADULT COMPUTERS	CARPET	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
115	CHILDRENS AREA	CARPET	6" RUBBER BASE	GWB/PAINT	2X2 ACT	DO NOT INSTALL WALL AROUND STONE LOW WALL
116	BOOK DROP OFF	TILE	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
117	READING AREA	TILE	NONE	GWB/PAINT	PAINT	DO NOT INSTALL WALL AROUND STONE LOW WALL
118	COMMUNITY AREA LOBBY	RUBBER TILE	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
119	LARGE MEETING ROOM	RUBBER TILE	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
119A	LARGE MEETING ROOM STORAGE	RUBBER TILE	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
119B	LARGE AV ROOM	RUBBER TILE	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
120	SMALL MEETING ROOM	RUBBER TILE	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
120A	CHAIR/TABLE STORAGE	RUBBER TILE	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
120B	SMALL AV ROOM	RUBBER TILE	6" RUBBER BASE	GWB/PAINT	2X2 ACT	
121	KITCHEN	RUBBER TILE	6" RUBBER BASE	GWB/PAINT	GWB/PAINT	

- TAG WALL PAINT FINISH - BASIS OF DESIGN**
- P1 PAINT - SHERWIN WILLIAMS "FUNKY YELLOW" - SW 6913
 - P2 PAINT - SHERWIN WILLIAMS "NUTHATCH" - SW 6088
 - P3 PAINT - SHERWIN WILLIAMS "MODERNE WHITE" - SW 6168
 - P4 PAINT - SHERWIN WILLIAMS "PALISADE" - SW 7635 - METAL DOORS INTERIOR & EXTERIOR
 - P5 PAINT - SHERWIN WILLIAMS "TEMPE STAR" - SW 6229
 - P6 PAINT - SHERWIN WILLIAMS "OTTER" - SW 6041
 - P7 PAINT - SHERWIN WILLIAMS "SOULMATE" - SW 6270
 - P8 PAINT - WOLF GORDON "CUSTOM SOLID METAL" - GRAY
 - P9 PAINT - SHERWIN WILLIAMS "GRIFFIN" - SW 7027 - DOOR FRAME ONLY
 - P10 PAINT - SHERWIN WILLIAMS "ZURICH WHITE" - SW 7626 - HARD CEILINGS ONLY
 - P11 POWER COAT FOR RAILINGS TO BE DETERMINED
 - S1 STAIN - SHERWIN WILLIAMS "RUSTIC GRAY" - SW 3133-P - WD. DR. ONLY
- TAG FLOOR FINISH - BASIS OF DESIGN**
- C1 BROADLOOM CARPET - REALIZATION 108 GREY DAWN
 - C2 WALK OFF CARPET - TUFF STUFF 524 STEPPING STONE
 - T1 PORCELAIN TILE - TRINITY TILE - ROCK STAR JETT
 - T2W PORCELAIN WALL TILE - TRINITY TILE - ROCK STAR MERCURY
 - T3WB PORCELAIN WALL BASE - TRINITY TILE - ROCK STAR JETT - 8" WALL BASE/BULLNOSE
 - RCF RUBBER COMMERCIAL FLOORING - MONDO 2mm GEODE, G 18, PAON, PEACOCK
- TAG WALL BASE - BASIS OF DESIGN**
- BURKE FLOORING - RUBBER - 204 GRAY
- TAG SOLID SURFACE - BASIS OF DESIGN**
- WILSONART EARTHSTONES - BLUESTONE 13mm - 9074EA
- TAG PLASTIC LAMINATE- BASIS OF DESIGN - CABINETRY AND COUNTERTOPS**
- WILSONART LAMINATES
- TAG STONE VENEER- BASIS OF DESIGN -**
- CULTURED STONE - GRAY COBBLEFIELD - CSV-2025
- TAG RESTROOM PARTITIONS- BASIS OF DESIGN -**
- BRADLEY - CHARCOAL GRAY S215
- TAG SCHLUTER - BASIS OF DESIGN**
- SCHLUTER - RENO-TK



1 WALL & FLOOR FINISH FLOOR PLAN
 A1.4 1/8" = 1'-0"

JOHNSON PETERSON Architects

930 THOMASVILLE RD. STE. 100
 TALLAHASSEE, FLORIDA 32303
 OFFICE: 850 - 224 - 9700
 FAX: 850 - 224 - 9797
 WEBSITE: www.jparchitects.com
 REGISTRATION NO.: AA001215

LEON COUNTY LIBRARY- LAKE JACKSON BRANCH

Proj. Title
 Proj. # 0908.001

Status
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Proj. Mgr.
 DOUG SHULER
 dshuler@jparchitects.com

DRAWN	PHASE	CHECK	DATE
AAB	SD	JOHNSON	06/25/10
DSHULER	50%DD	JOHNSON	10/15/10
DSHULER	100%DD	JOHNSON	12/08/10
DSHULER	50%CD	JOHNSON	03/08/11
DSHULER	PERMIT	JOHNSON	05/20/11
DSHULER	BID DOC	JOHNSON	08/31/11

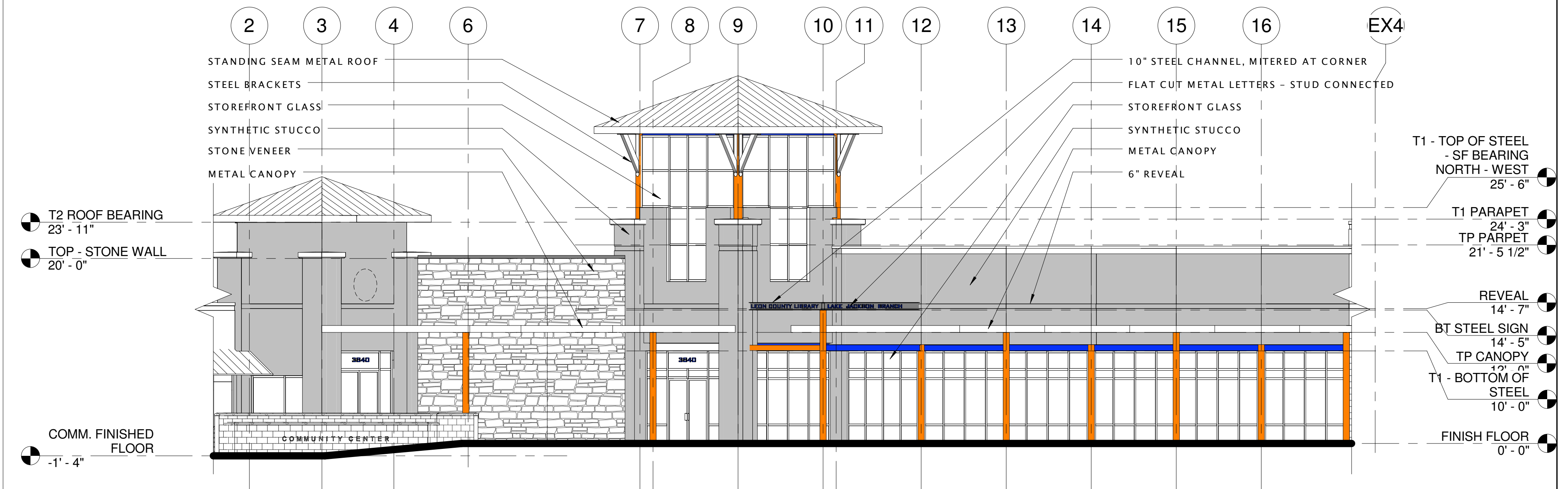
#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW

Revisions

Seal

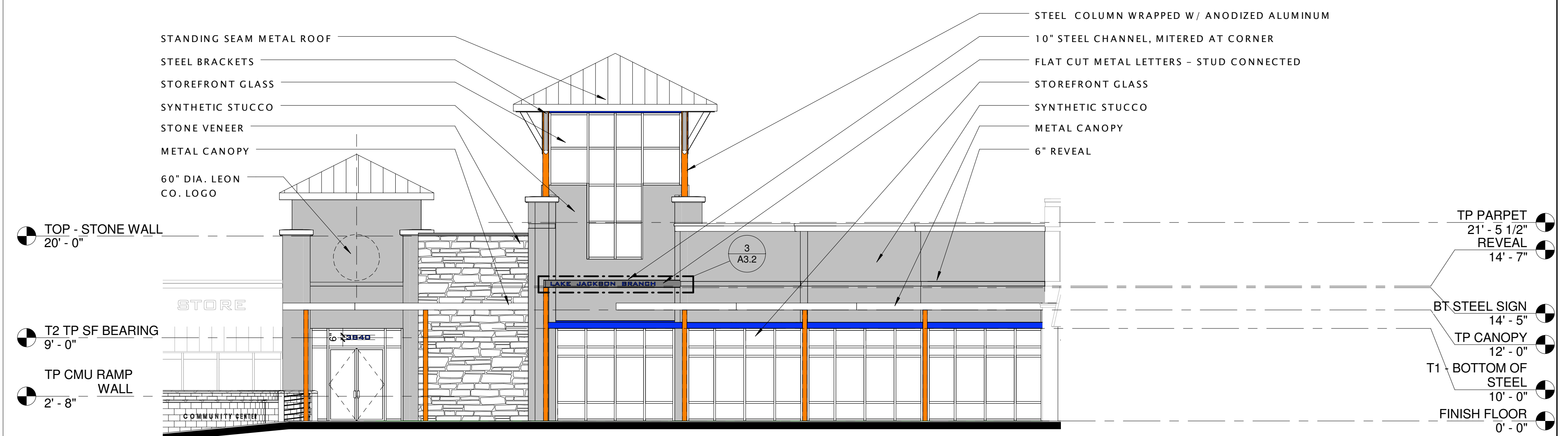
LIBRARY & COMMUNITY ROOM FLOOR & WALL FINISH PLAN

A1.4



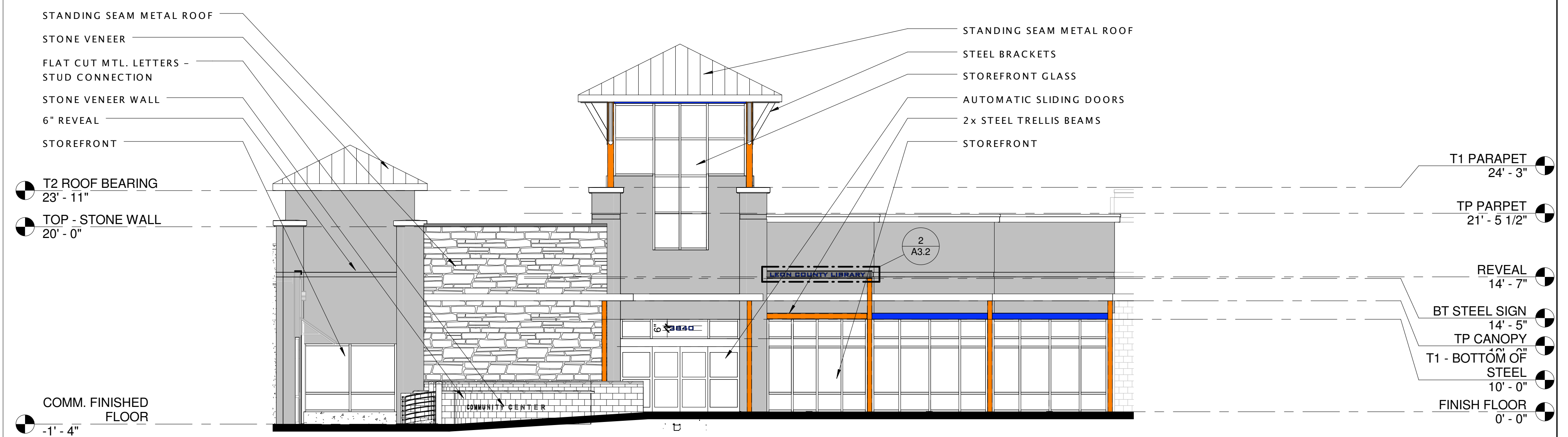
1 LIBRARY - SOUTHEAST ELEVATION

A2.1 1/8" = 1'-0"



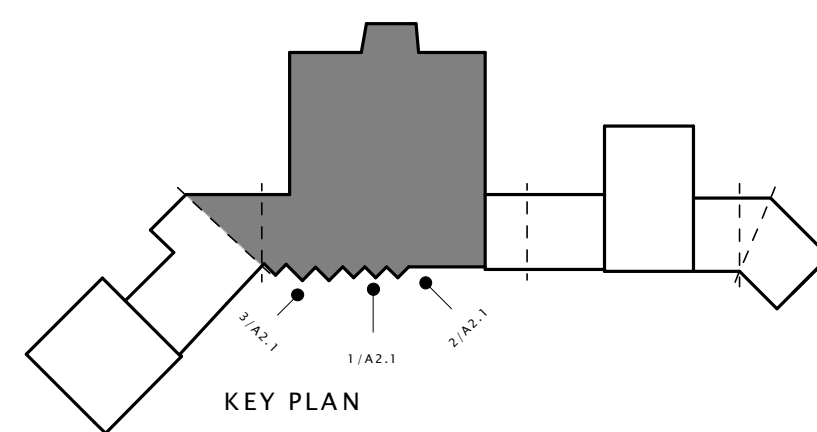
2 LIBRARY - EAST ELEVATION

A2.1 1/8" = 1'-0"



3 LIBRARY - SOUTH ELEVATION

A2.1 1/8" = 1'-0"



LEON COUNTY
LIBRARY - LAKE
JACKSON BRANCH

0908.001

BID DOCUMENTS

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dshuler@jparchitects.com

Phase	Drawn	Phase	Check	Date
AAB	SD	JOHNSON		06/23/10
DSHULER	50%DD	JOHNSON		10/15/10
DSHULER	100%DD	JOHNSON		12/08/10
DSHULER	50%CD	JOHNSON		03/08/11
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DSHULER	BID DOC	JOHNSON		08/31/11

#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW

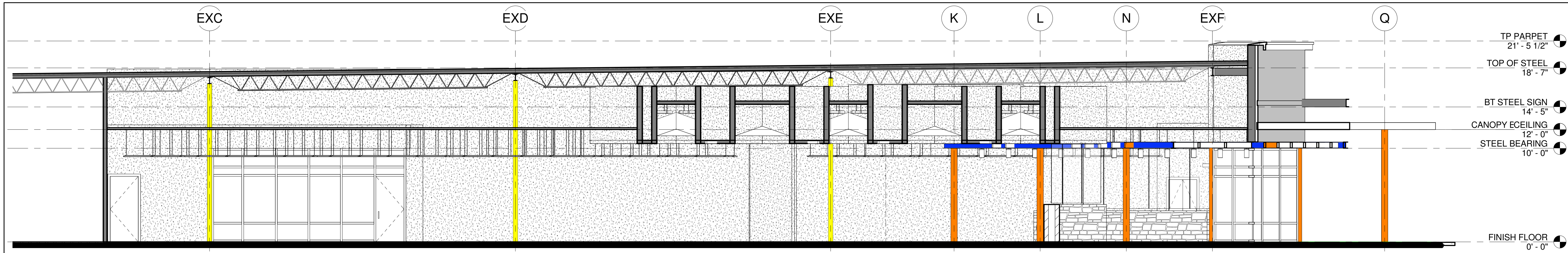
Revisions

Seal

LIBRARY &
COMMUNITY ROOM
ELEVATIONS

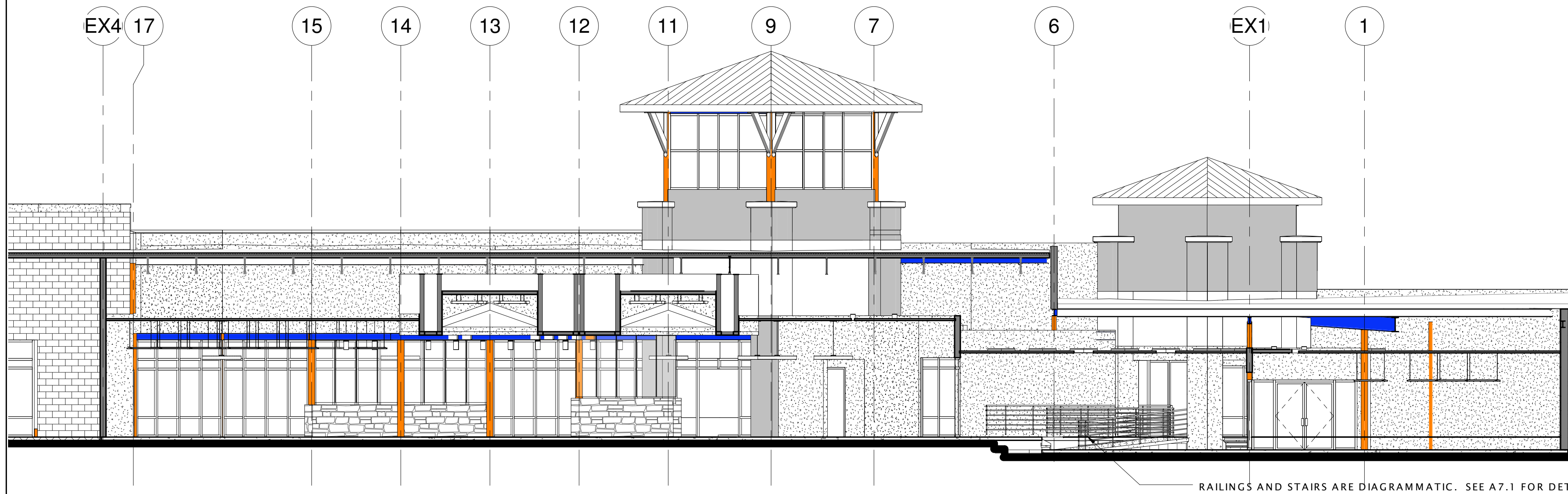
Sheet Name

A2.1



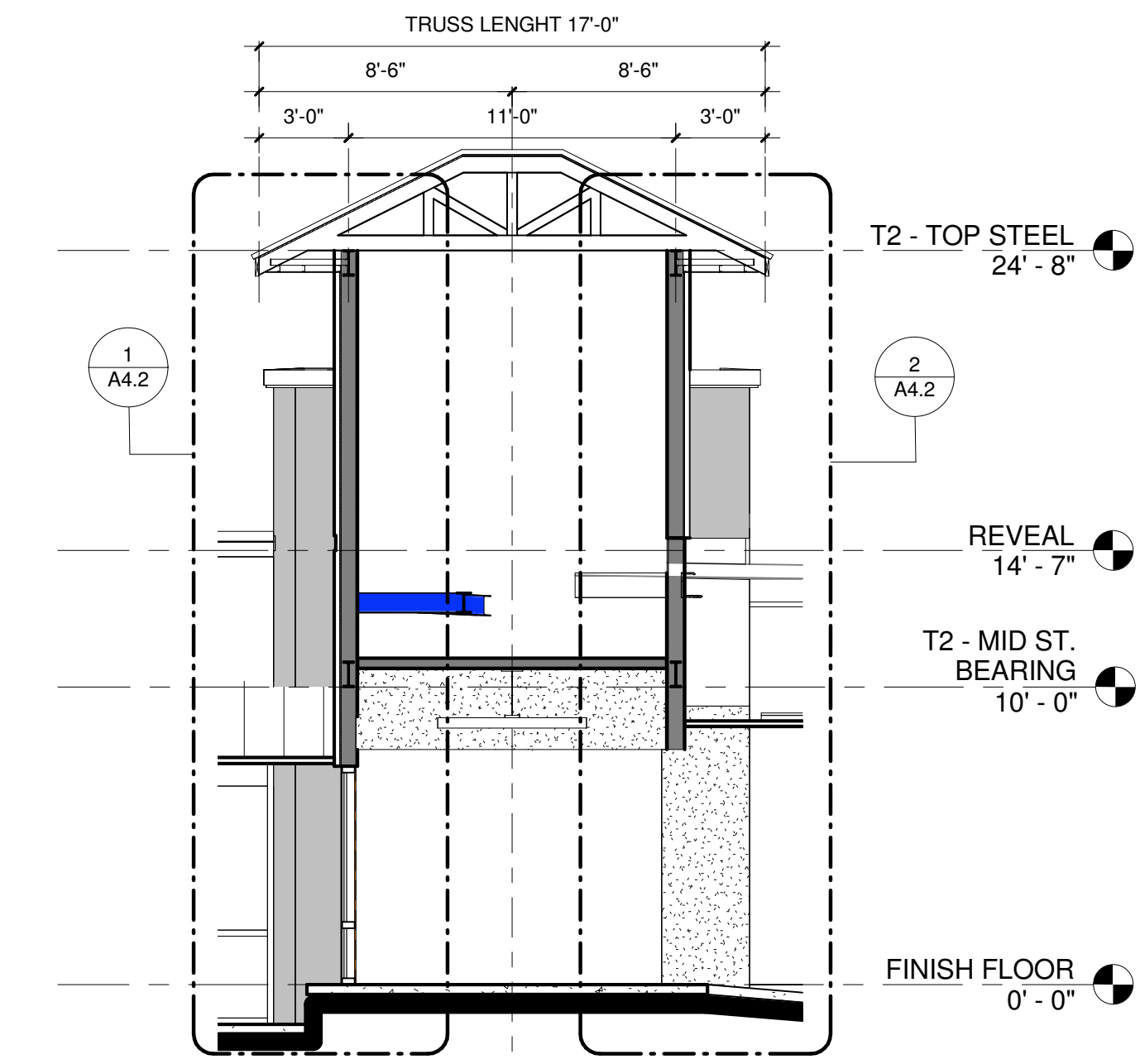
1 BUILDING SECTION - NORTH SOUTH

A3.1 3/16" = 1'-0"



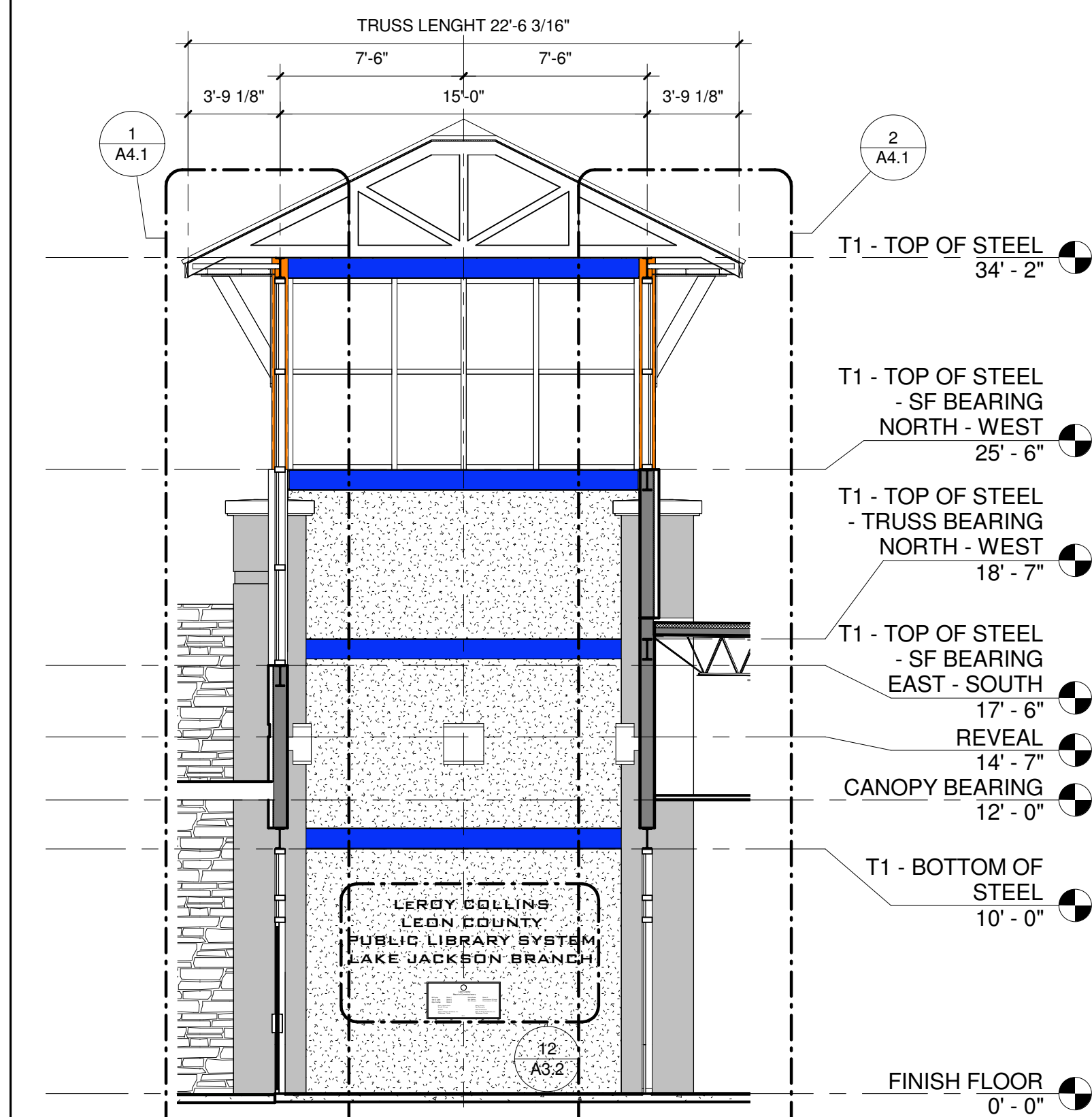
2 BUILDING SECTION - EAST WEST

A3.1 1/8" = 1'-0"



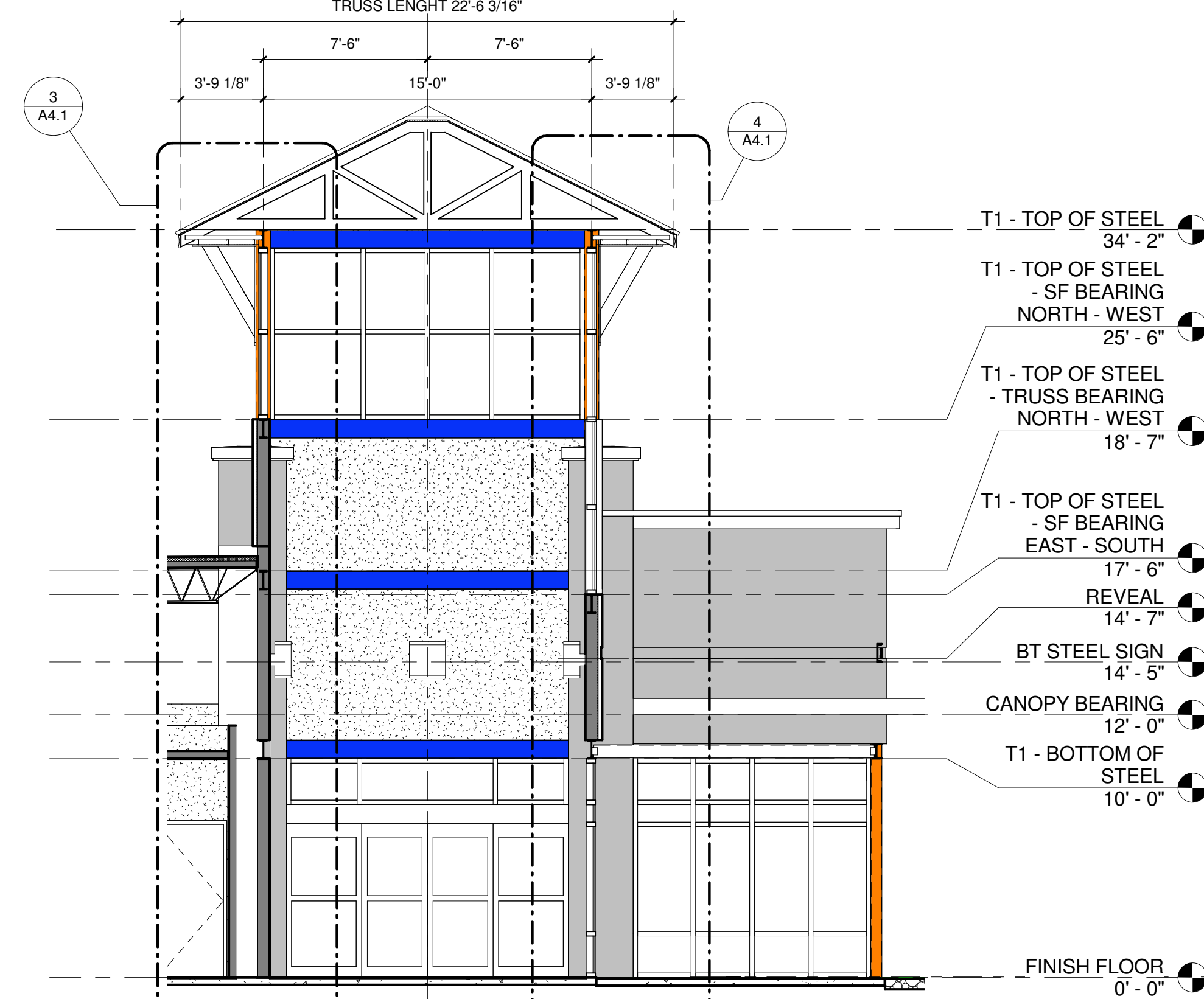
3 BUILDING SECTION - TOWER TWO N-S

A3.1 3/16" = 1'-0"



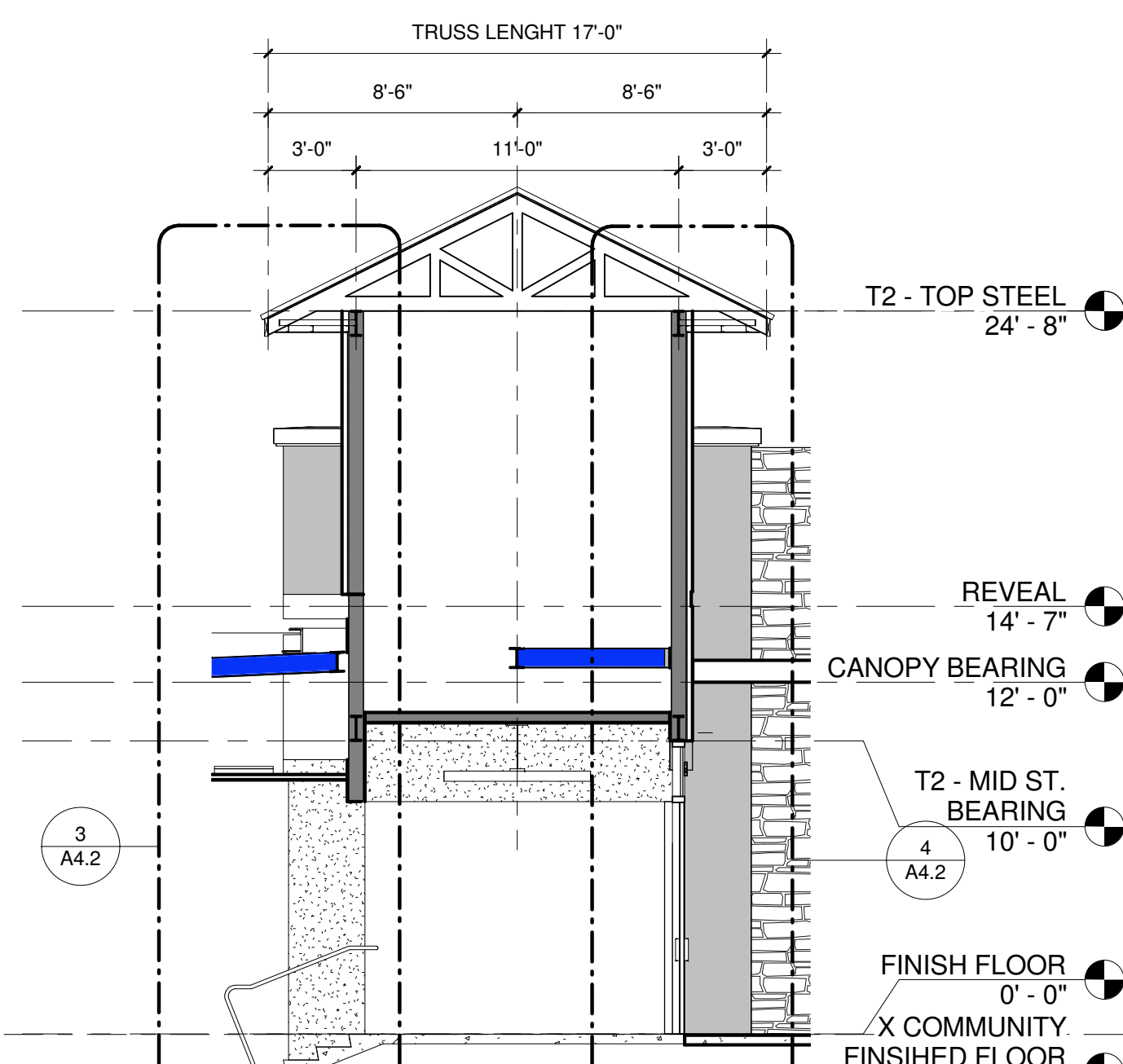
4 BUILDING SECTION - TOWER ONE N-S

A3.1 3/16" = 1'-0"



5 BUILDING SECTION - TOWER ONE E-W

A3.1 3/16" = 1'-0"



6 BUILDING SECTION - TOWER TWO E-W

A3.1 3/16" = 1'-0"

LEON COUNTY
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dshuler@jparchitects.com

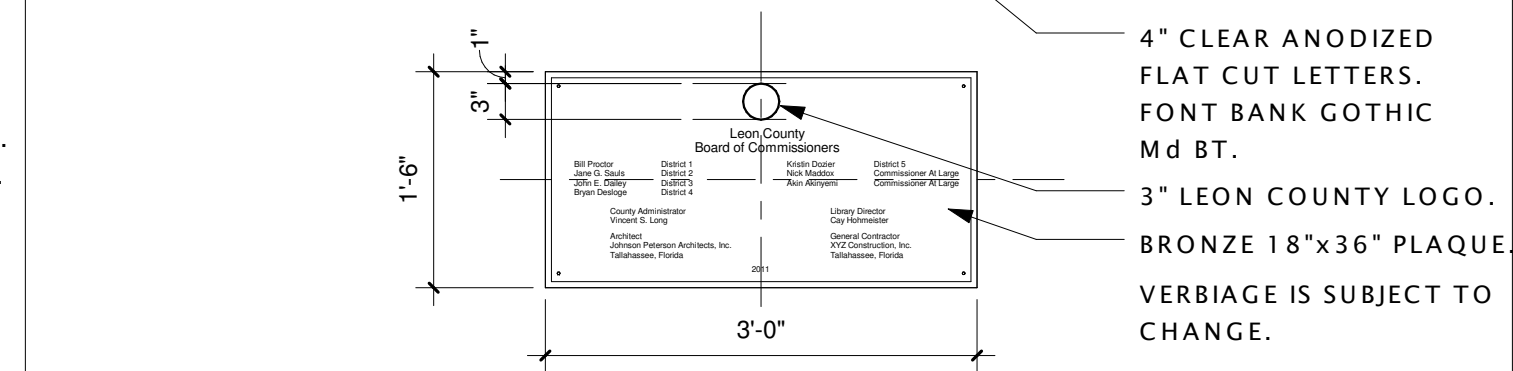
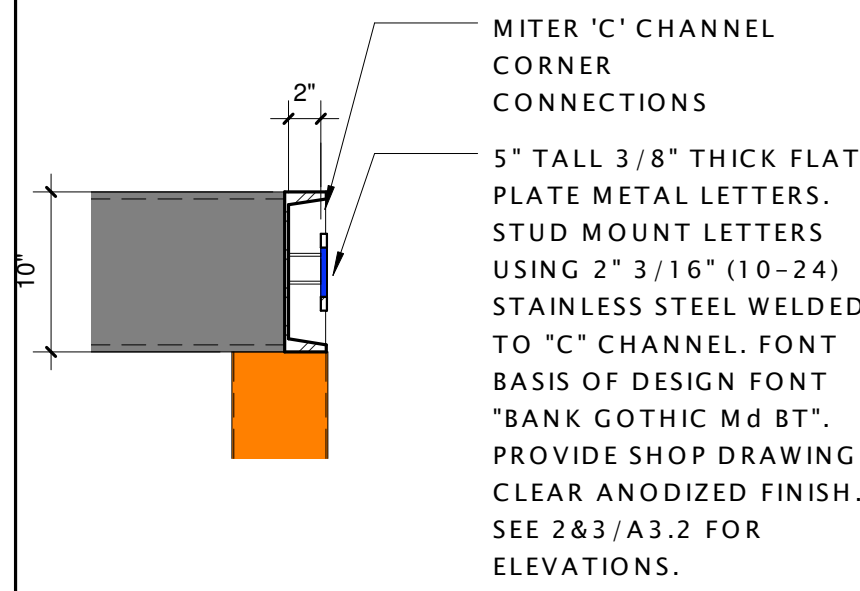
DRAWN	PHASE	CHECK	DATE
AAB	SD	JOHNSON	06/23/10
DSHULER	50%DD	JOHNSON	10/15/10
DSHULER	100%DD	JOHNSON	12/08/10
DSHULER	50%CD	JOHNSON	03/08/11
DSHULER	PERMIT	JOHNSON	05/20/11
DSHULER	BID DOC	JOHNSON	08/31/11

#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW

LIBRARY &
COMMUNITY ROOM
BUILDING SECTION

A3.1

LEROY COLLINS LEON COUNTY PUBLIC LIBRARY SYSTEM LAKE JACKSON BRANCH

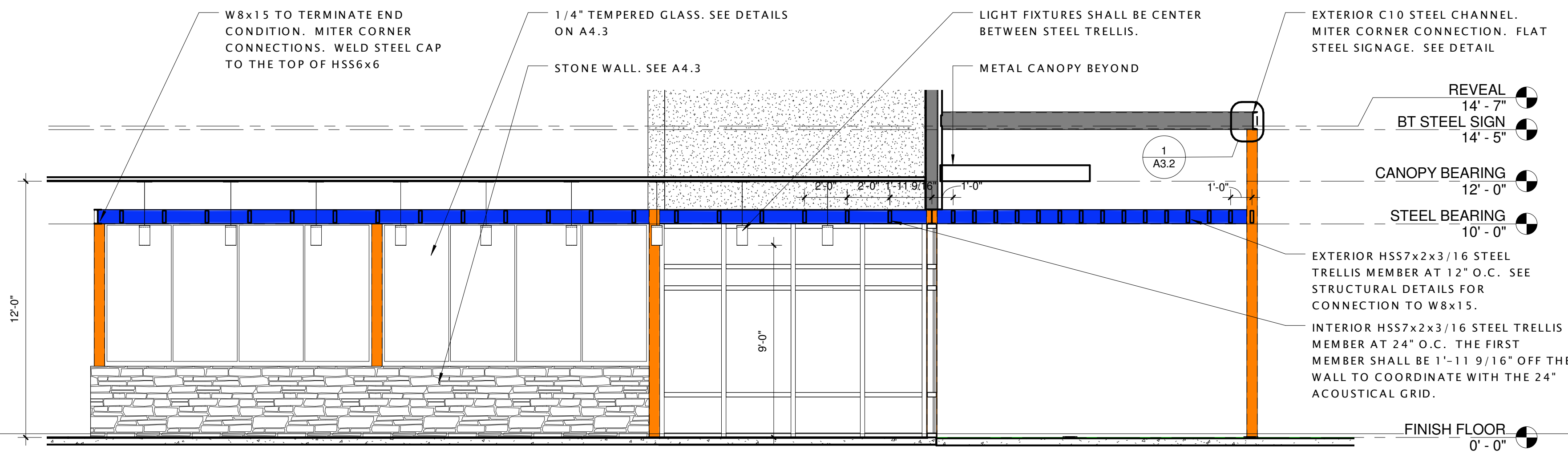


1 SIGANGE DETAIL

A3.2 1" = 1'-0"

12 INTERIOR SIGNAGE

A3.2 3/4" = 1'-0"



4 BUILDING SECTION - READING AREA N-S

A3.2 1/4" = 1'-0"

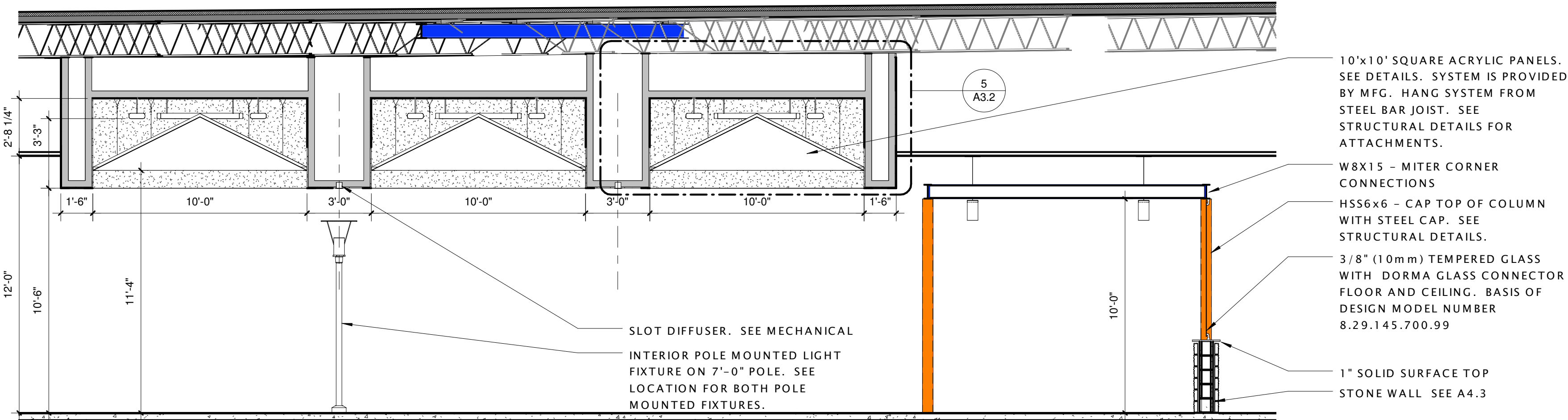
2 SIGNAGE - SOUTH ELEVATION

A3.2 1/2" = 1'-0"



3 SIGNAGE - EAST ELEVATION

A3.2 1/2" = 1'-0"

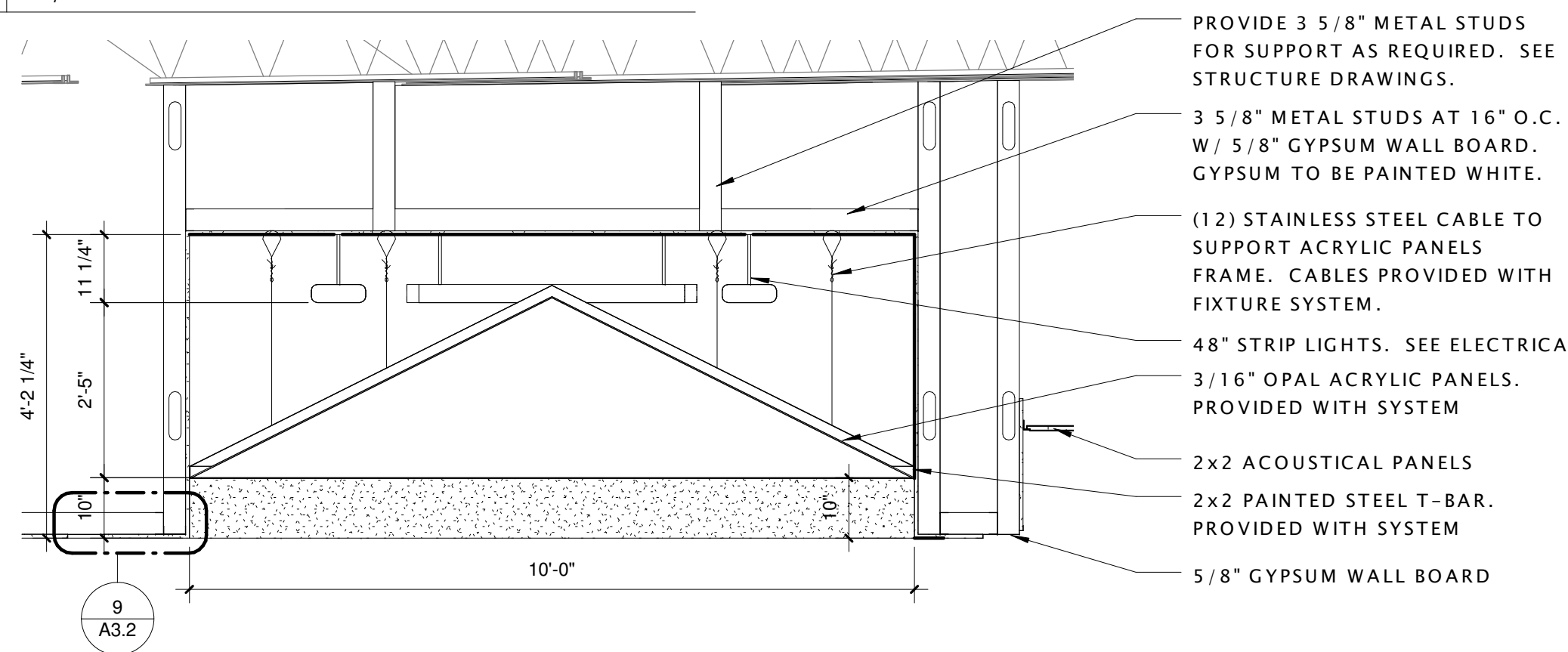


6 BUILDING SECTION - READING AREA E-W

A3.2 1/4" = 1'-0"

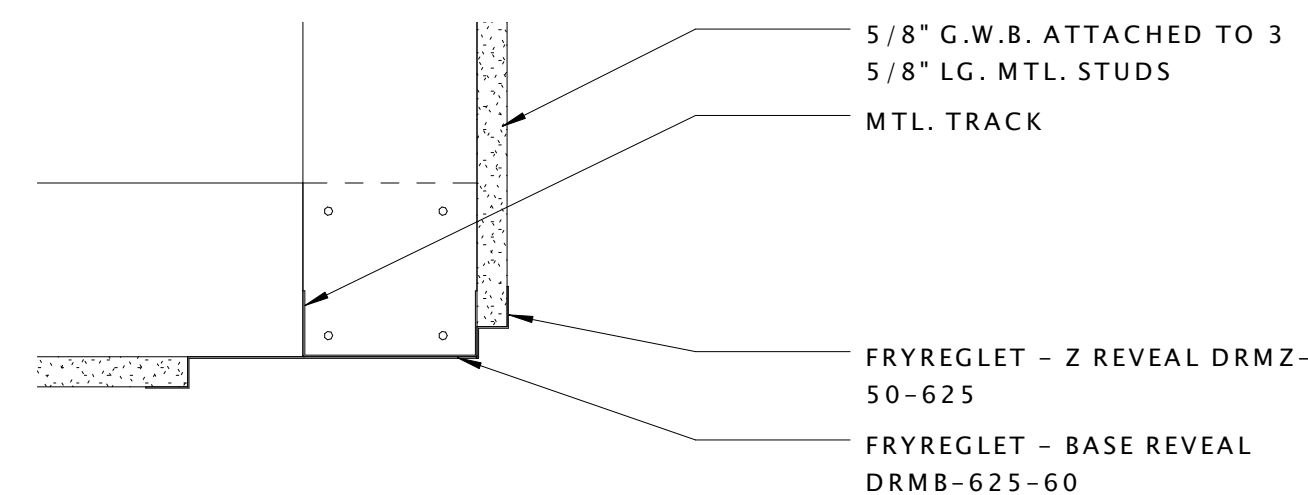
5 ACRYLIC LIGHTING PANEL

A3.2 1/2" = 1'-0"



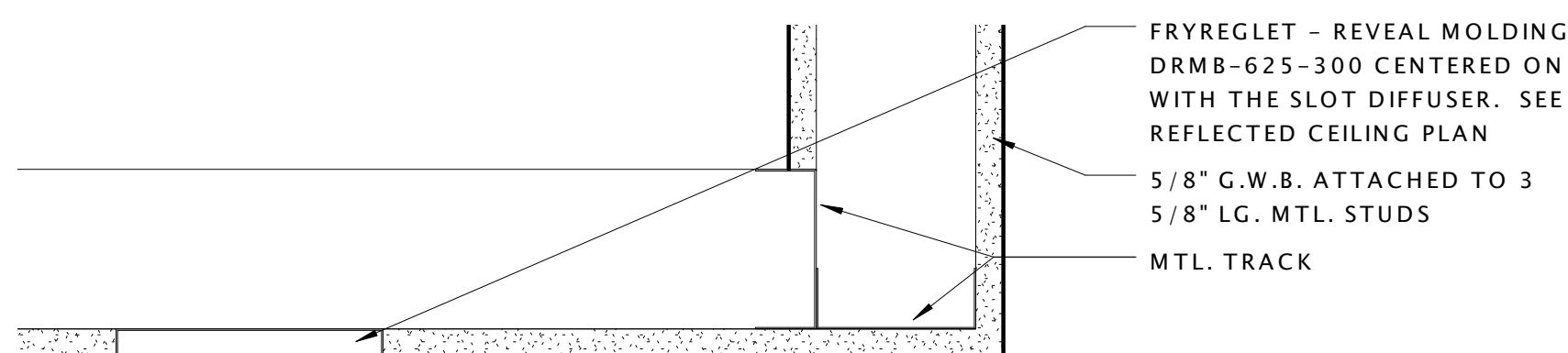
7 DETAIL REVEAL, CORNER - CEILING

A3.2 3" = 1'-0"



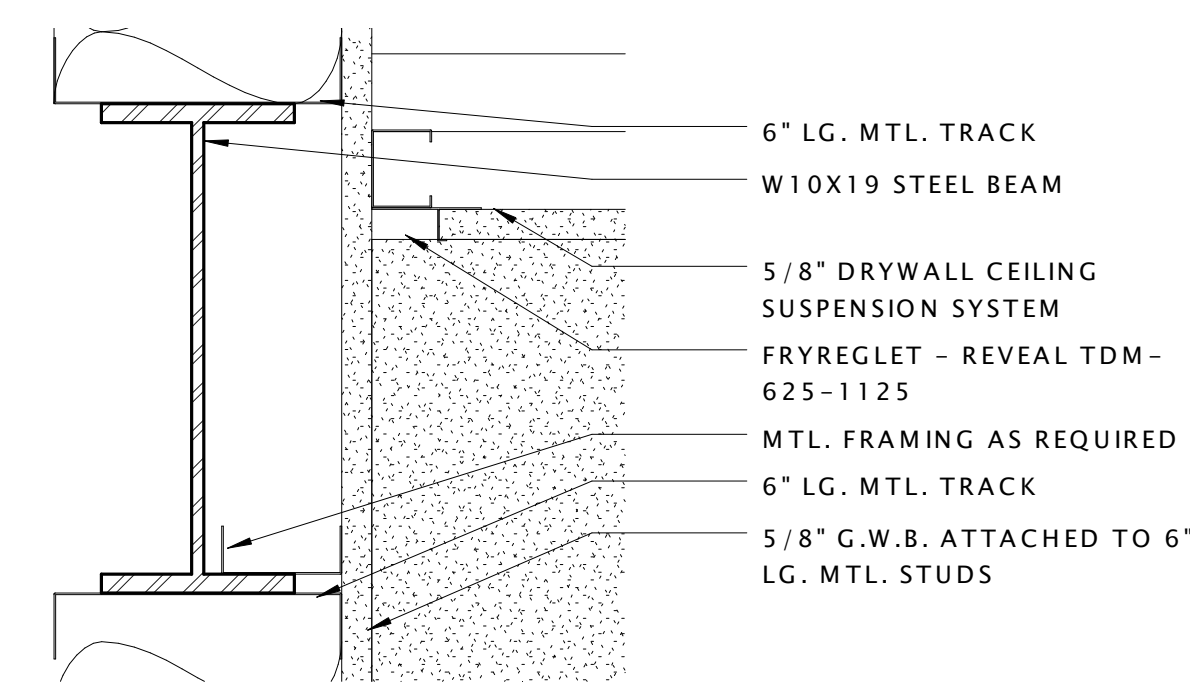
9 DETAIL - REVEAL

A3.2 3" = 1'-0"



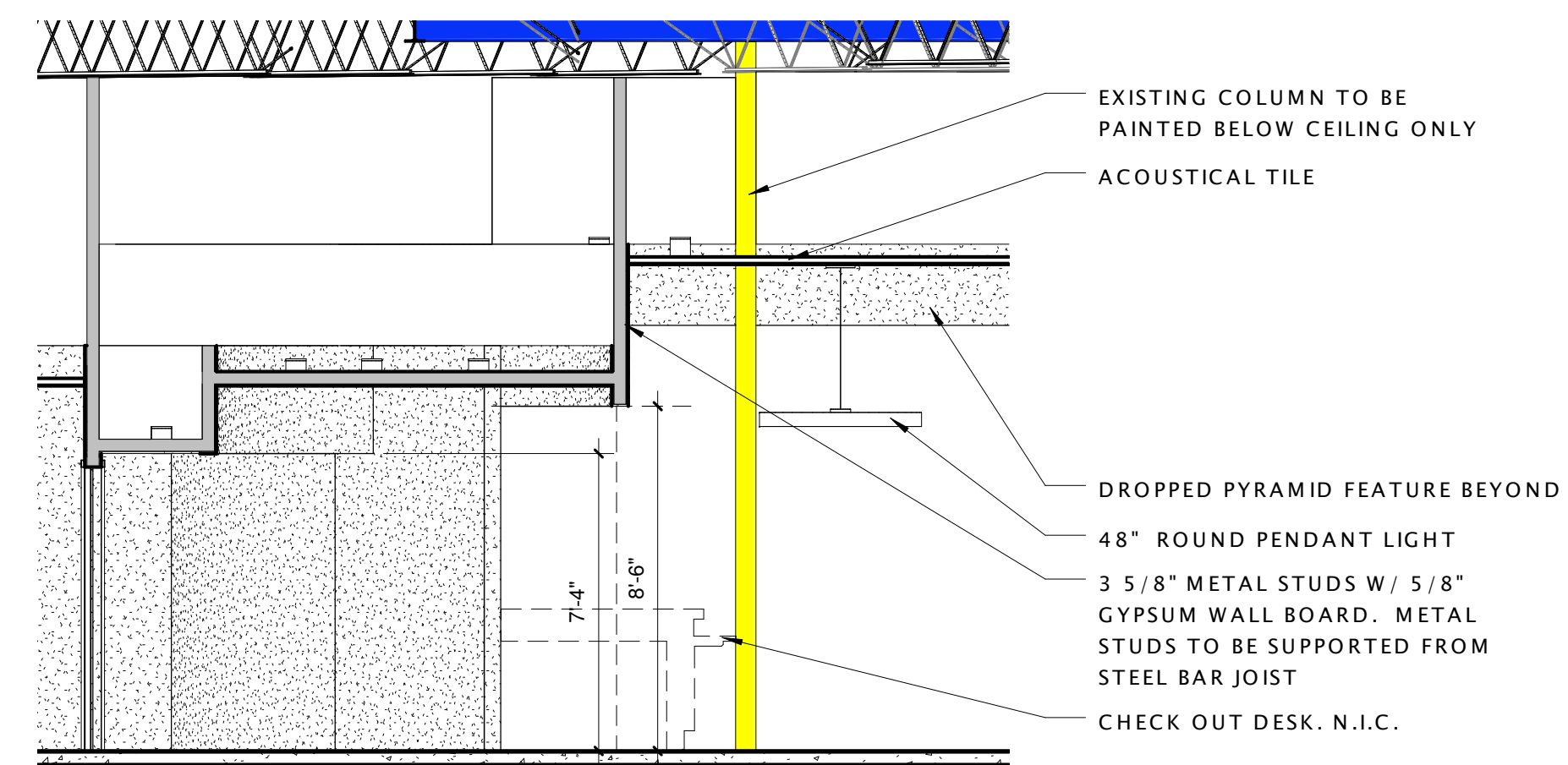
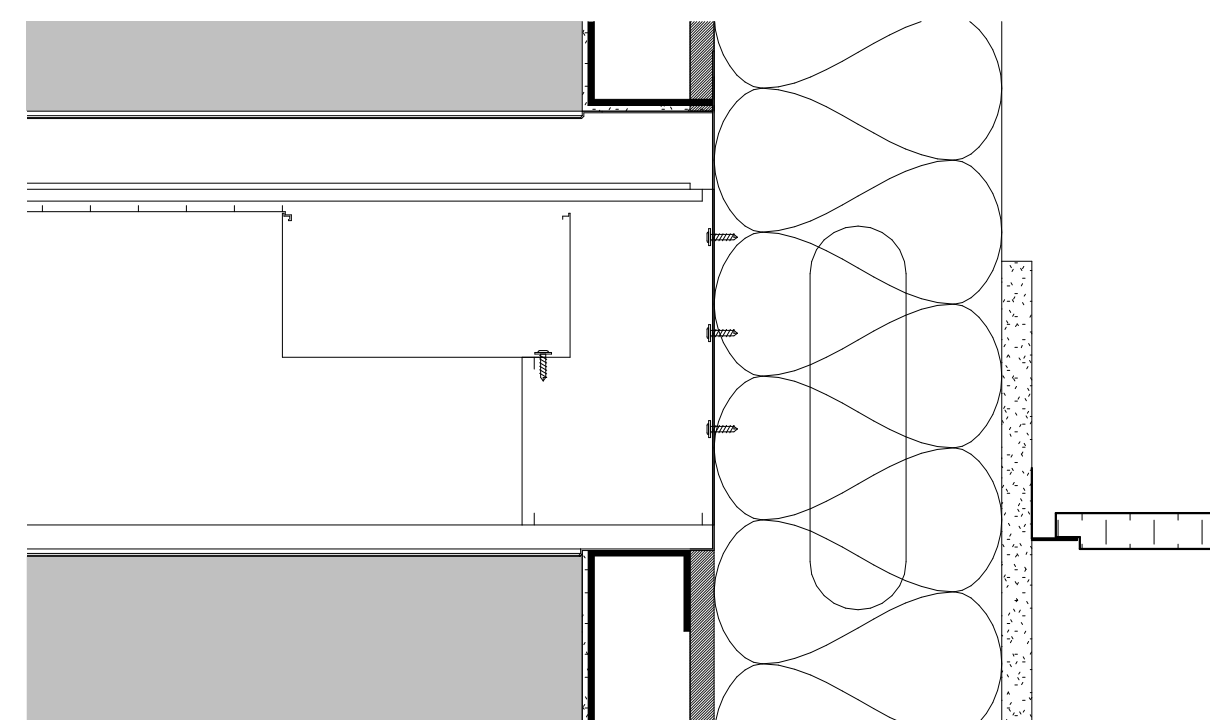
8 DETAIL - TOWER TWO CEILING

A3.2 3" = 1'-0"



10 DETAIL - CANOPY WALL

A3.2 3" = 1'-0"



11 BUILDING SECTION - CHECK-OUT

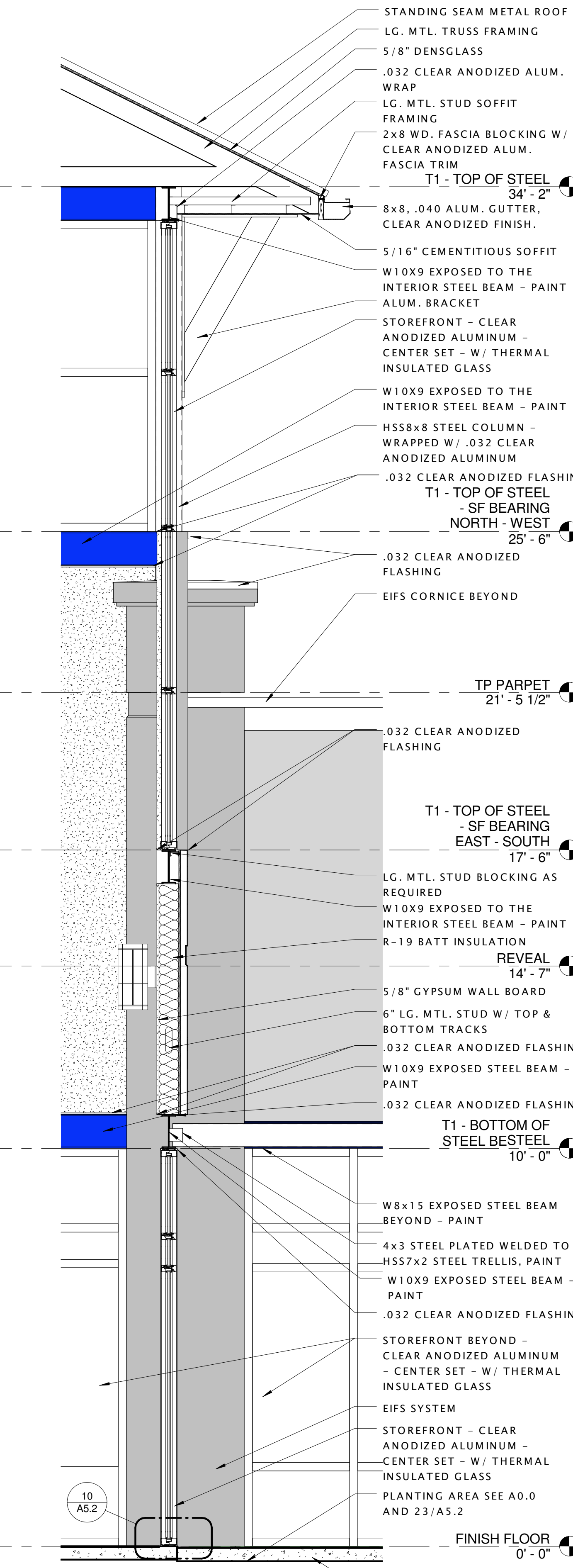
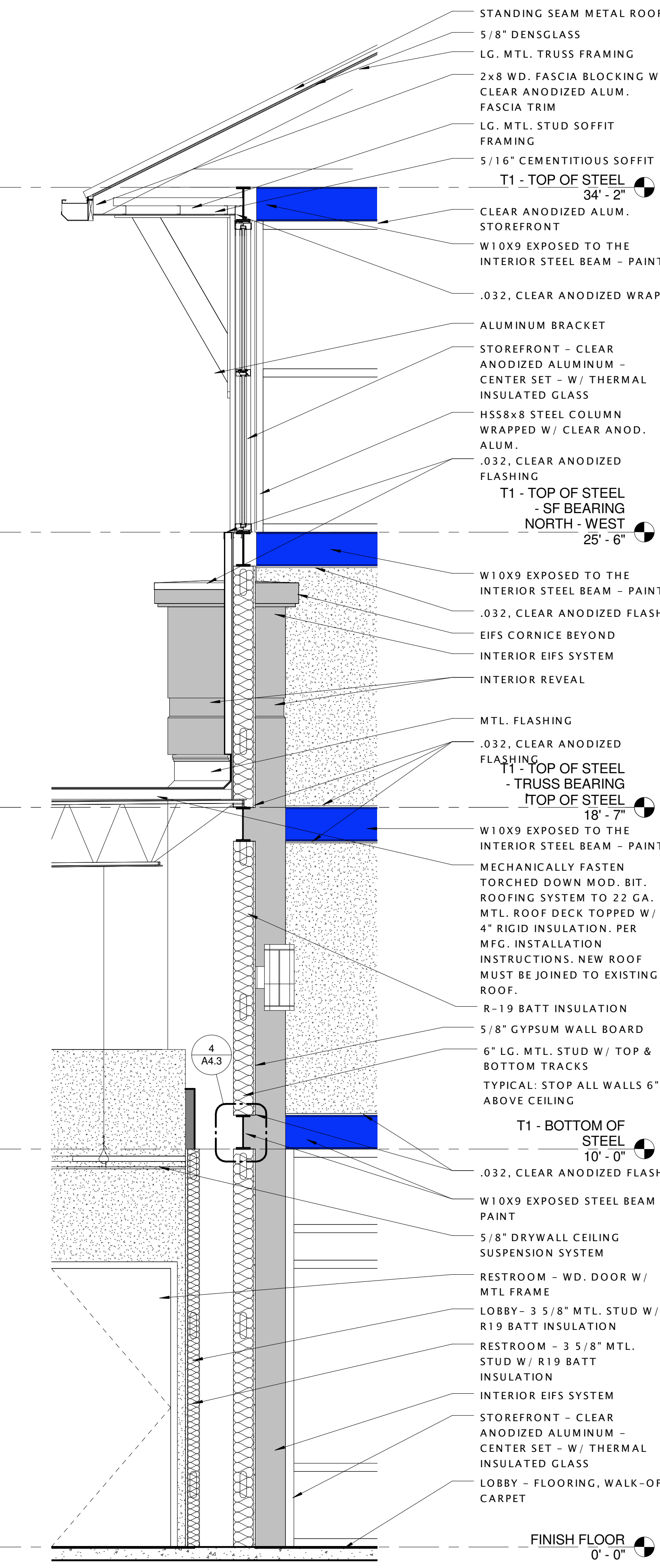
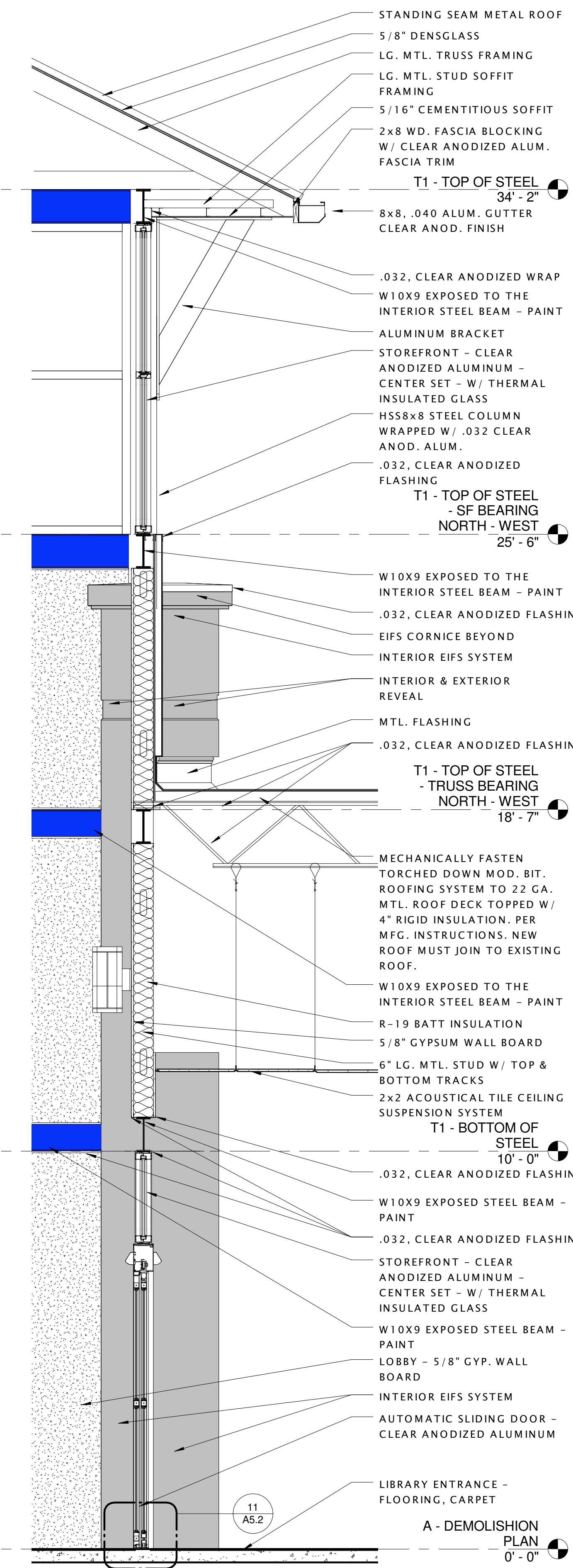
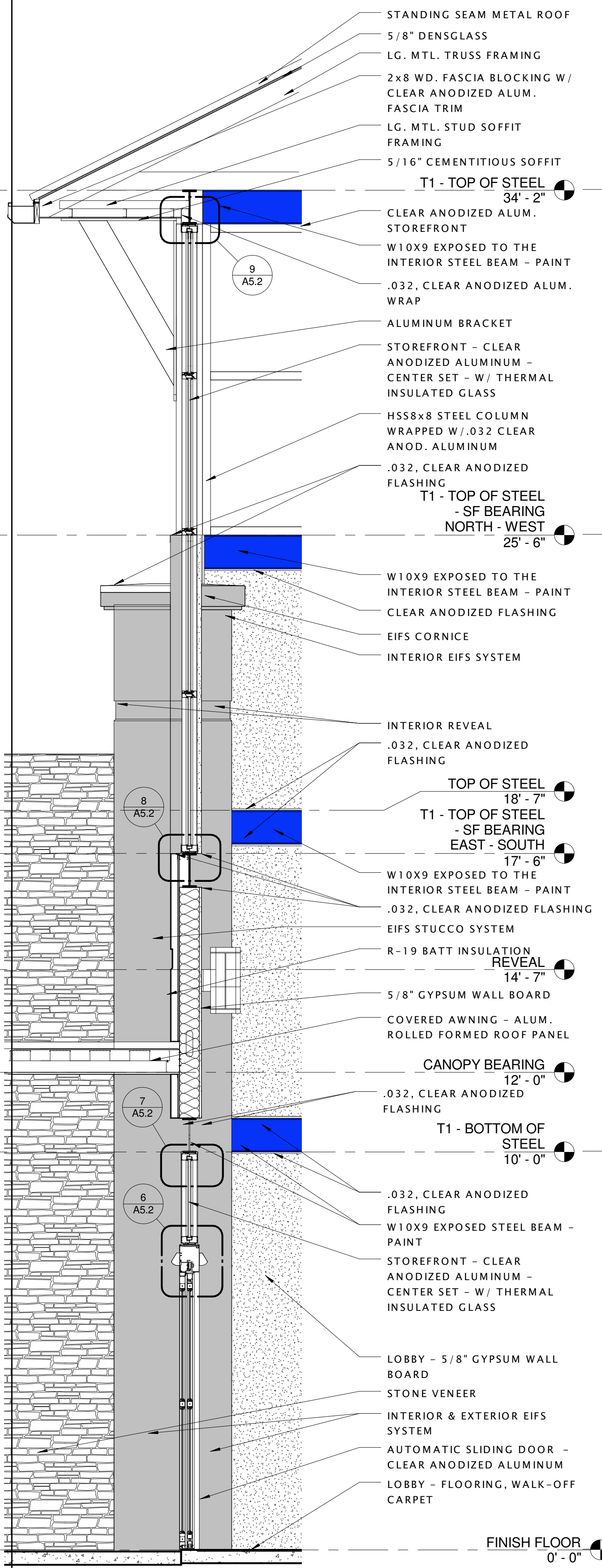
A3.2 1/4" = 1'-0"

DRAWN	PHASE	CHECK	DATE
AAB	SD	JOHNSON	06/25/10
DSHULER	50%DD	JOHNSON	10/15/10
DSHULER	100%DD	JOHNSON	12/08/10
DSHULER	50%CD	JOHNSON	03/08/11
DSHULER	PERMIT	JOHNSON	05/20/11
DSHULER	BID DOC	JOHNSON	08/31/11

#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW

DRAWN	PHASE	CHECK	DATE
AAB	SD	JOHNSON	06/25/10
DSHULER	50%DD	JOHNSON	10/15/10
DSHULER	100%DD	JOHNSON	12/08/10
DSHULER	50%CD	JOHNSON	03/08/11
DSHULER	PERMIT	JOHNSON	05/20/11
DSHULER	BID DOC	JOHNSON	08/31/11

#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW



1 WALL SECTION - TOWER ONE (SOUTH)
A4.1 1/2" = 1'-0"

2 WALL SECTION - TOWER ONE (NORTH)
A4.1 1/2" = 1'-0"

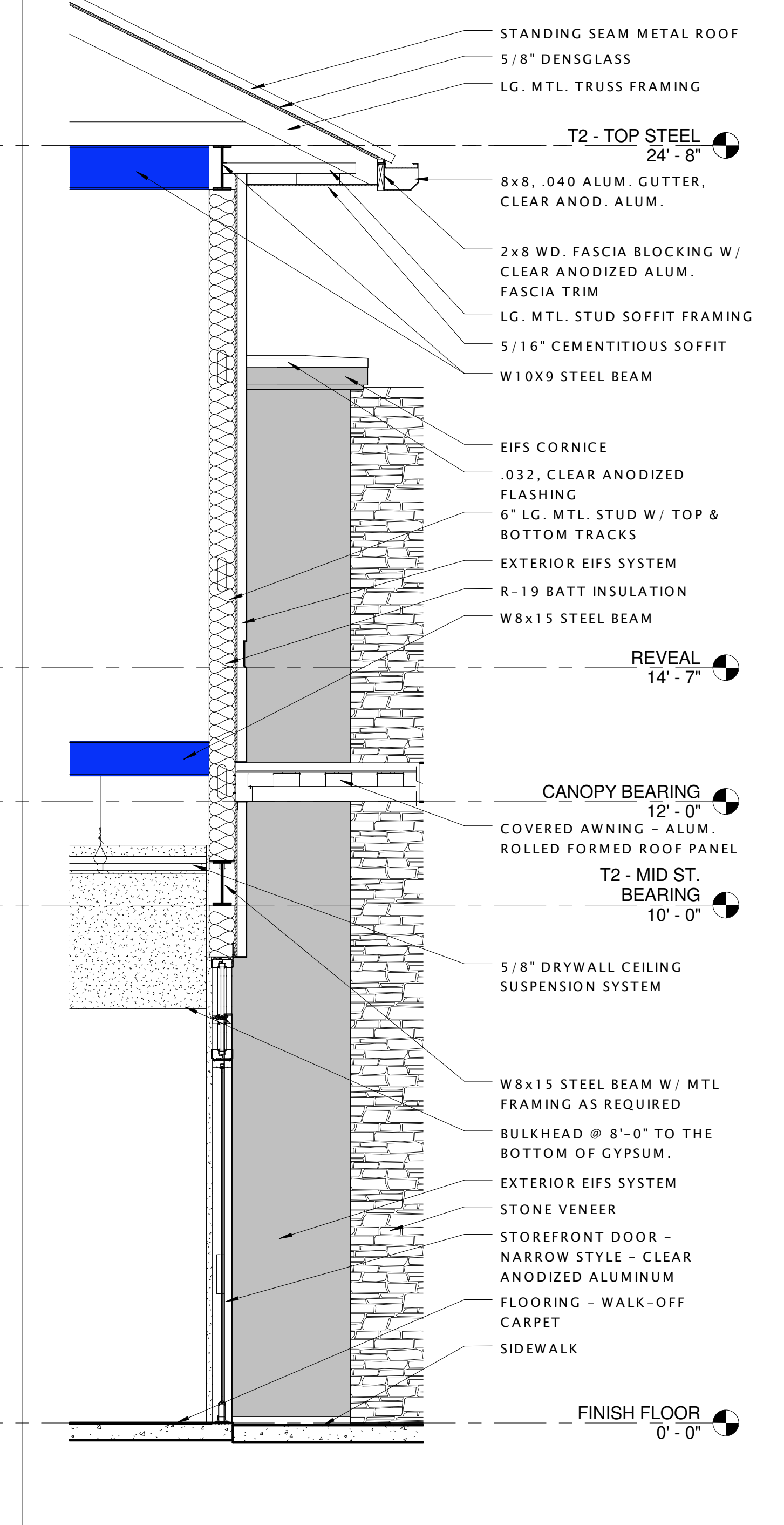
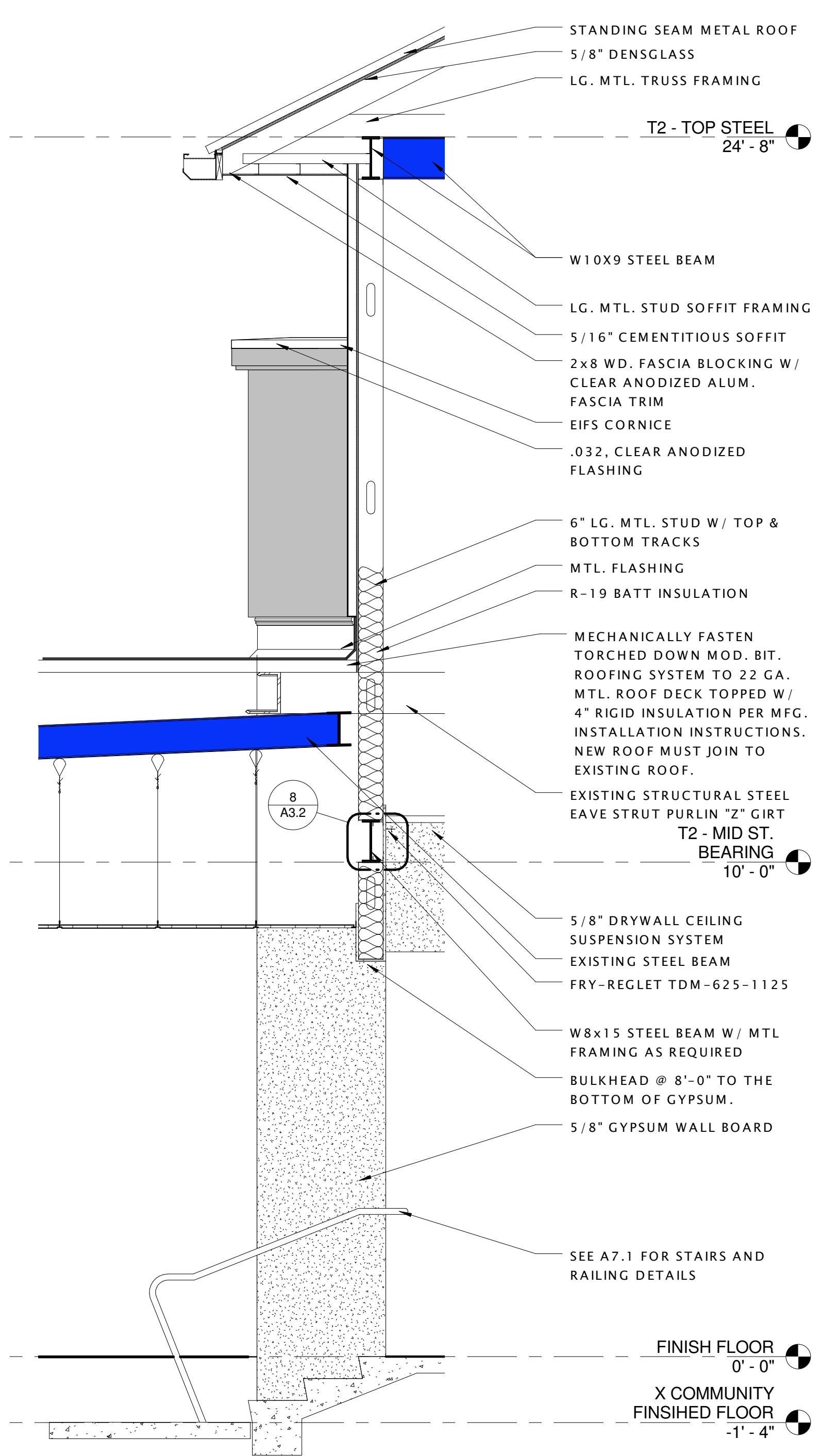
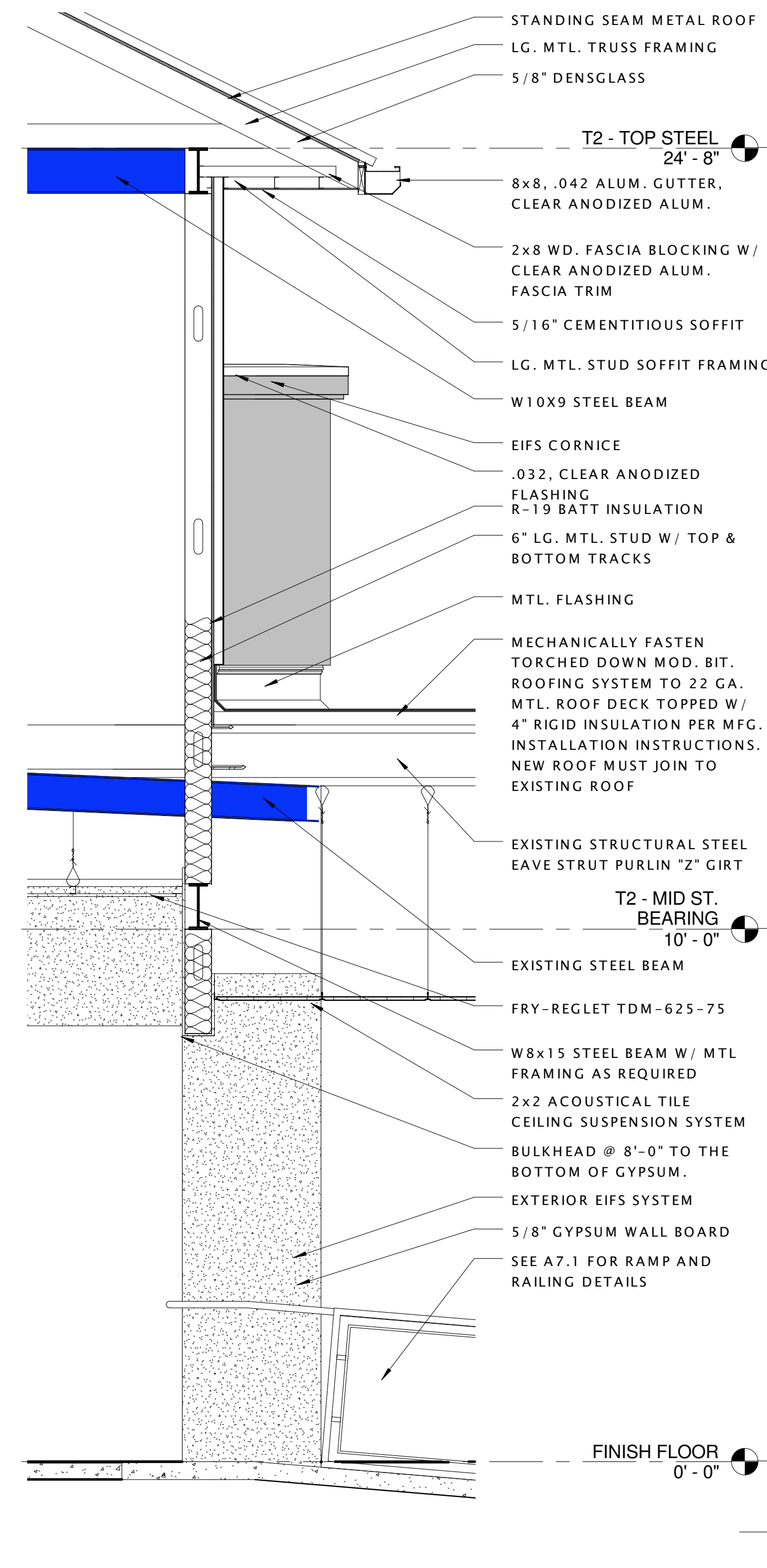
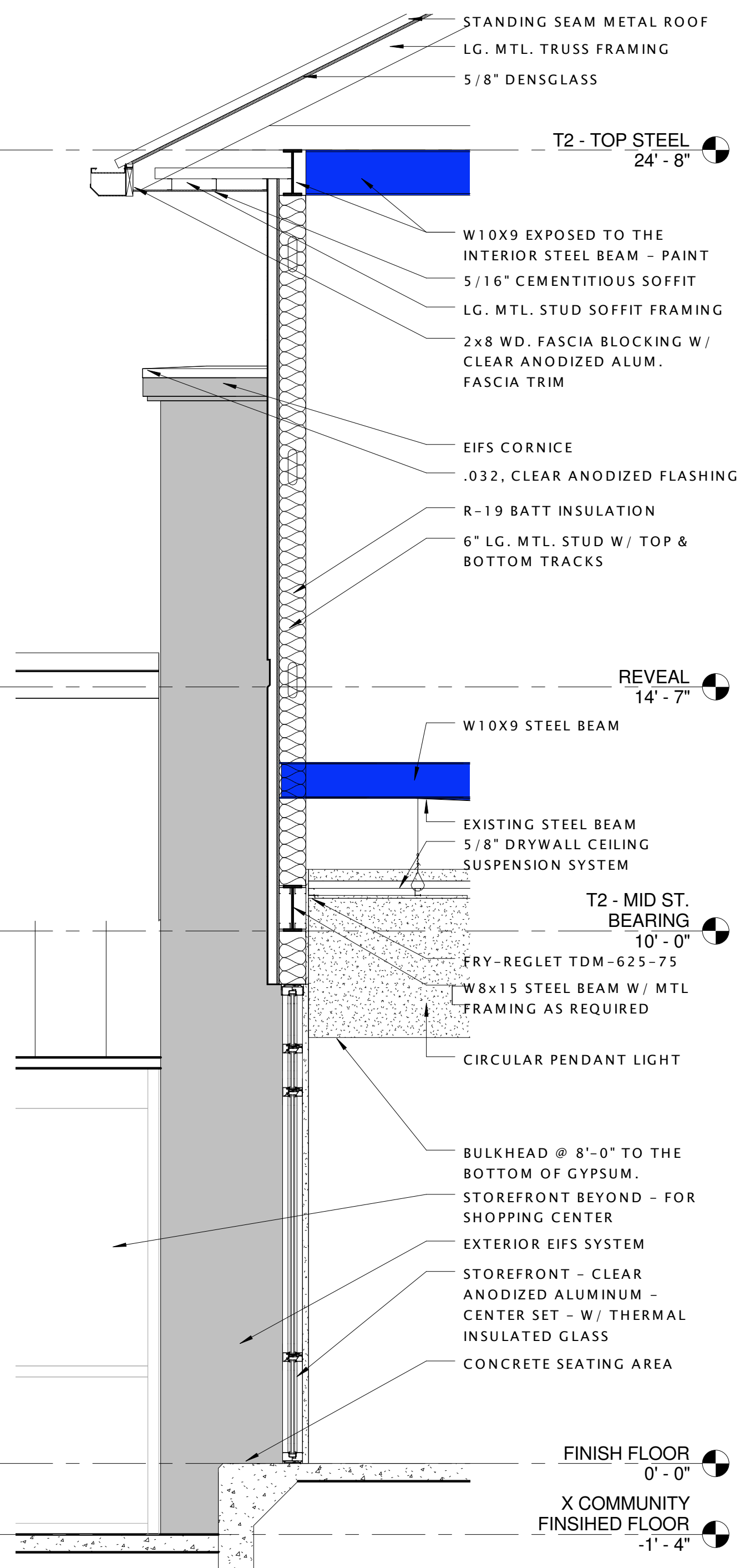
3 WALL SECTION - TOWER ONE (WEST)
A4.1 1/2" = 1'-0"

4 WALL SECTION - TOWER ONE (EAST)
A4.1 1/2" = 1'-0"

DRAWN	PHASE	CHECK	DATE
AAB	SD	JOHNSON	06/25/10
DSHULER	50%DD	JOHNSON	10/15/10
DSHULER	100%DD	JOHNSON	12/08/10
DSHULER	50%CD	JOHNSON	03/08/11
DSHULER	PERMIT	JOHNSON	05/20/11
DSHULER	BID.DOC	JOHNSON	08/31/11

#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW

Phase	Revisions

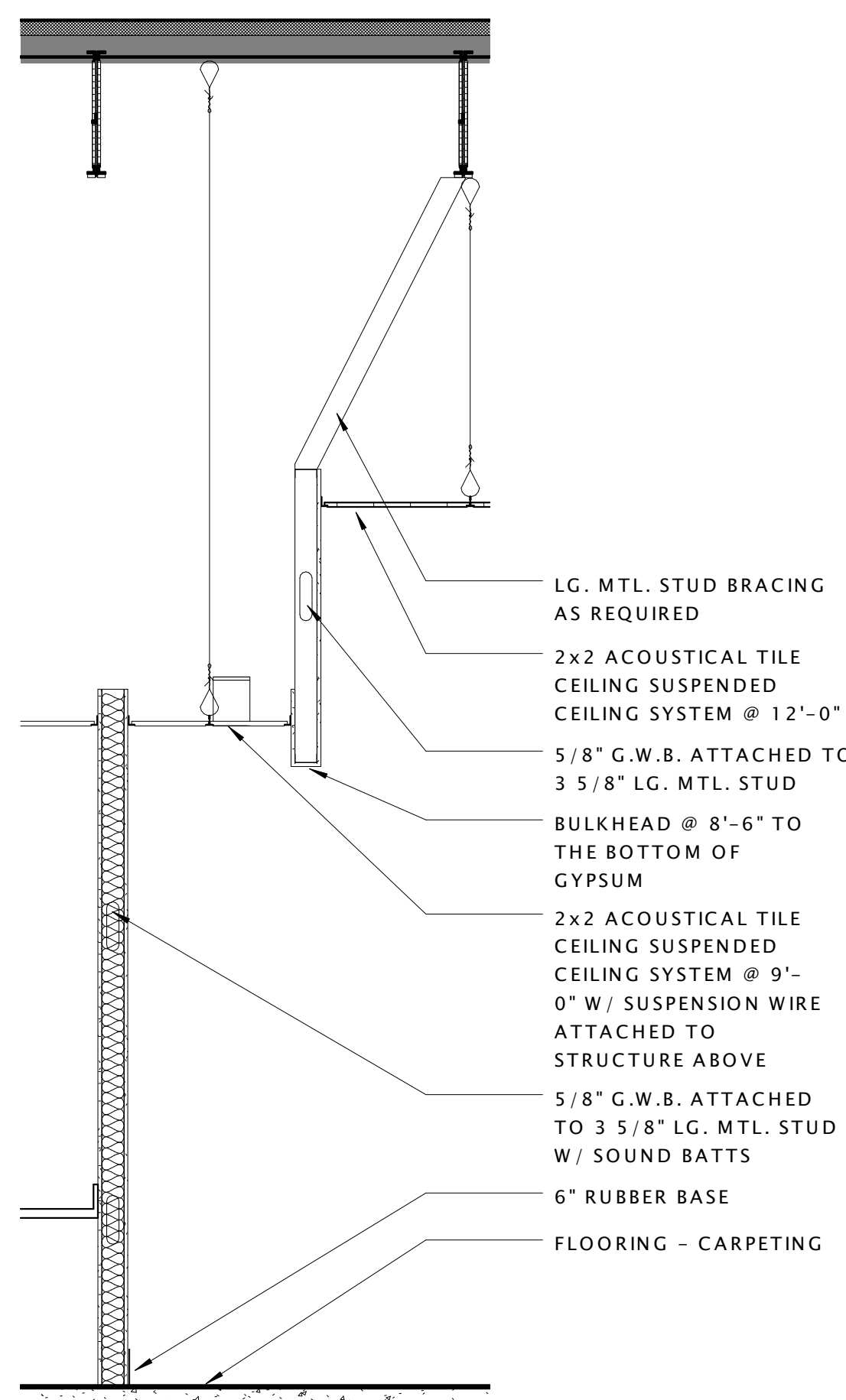


1 WALL SECTION - TOWER TWO (SOUTH)
A4.2 1/2" = 1'-0"

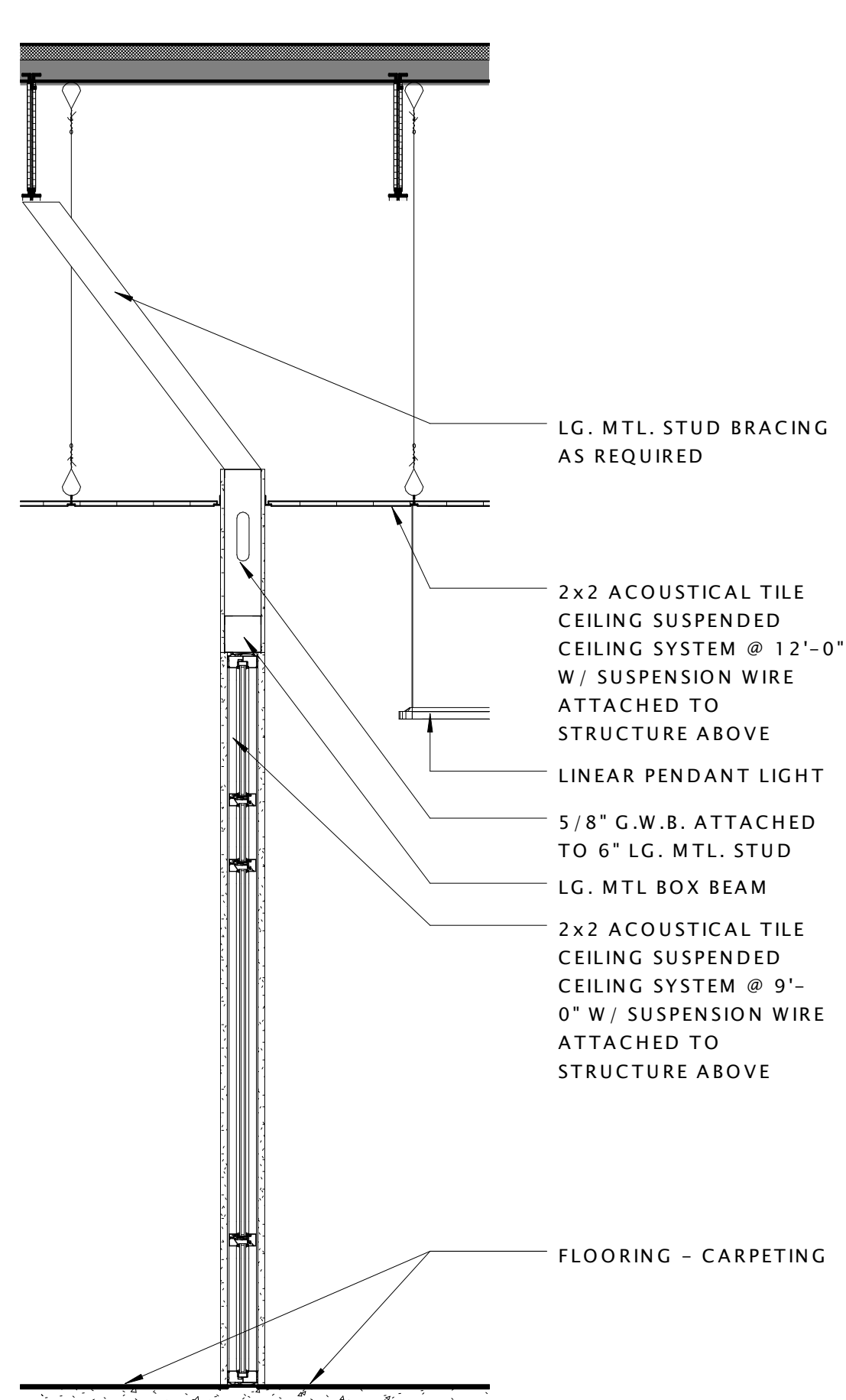
2 WALL SECTION - TOWER TWO (NORTH)
A4.2 1/2" = 1'-0"

3 WALL SECTION - TOWER TWO (WEST)
A4.2 1/2" = 1'-0"

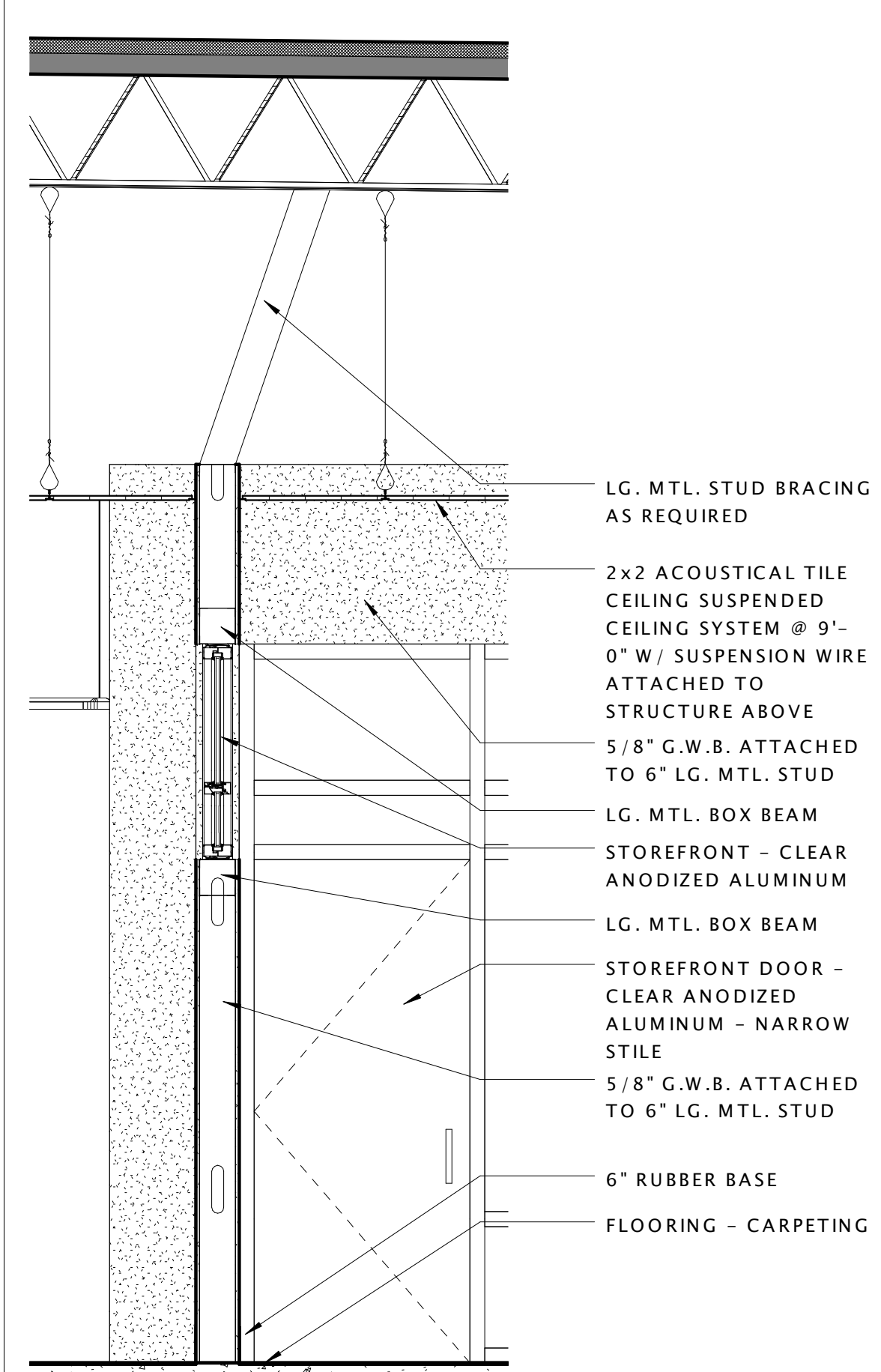
4 WALL SECTION - TOWER TWO (EAST)
A4.2 1/2" = 1'-0"



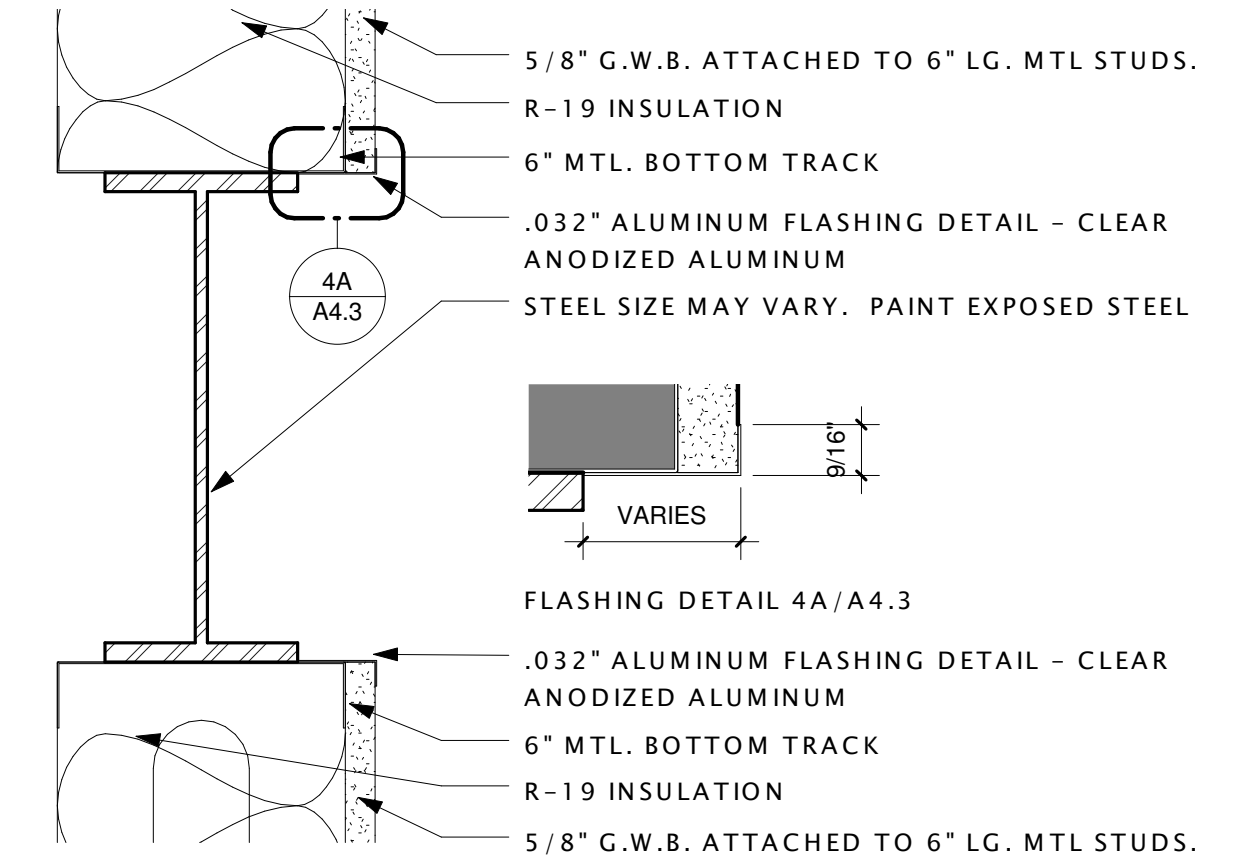
1 WALL SECTION - MAGAZINE DISPLAY
A4.3 1/2" = 1'-0"



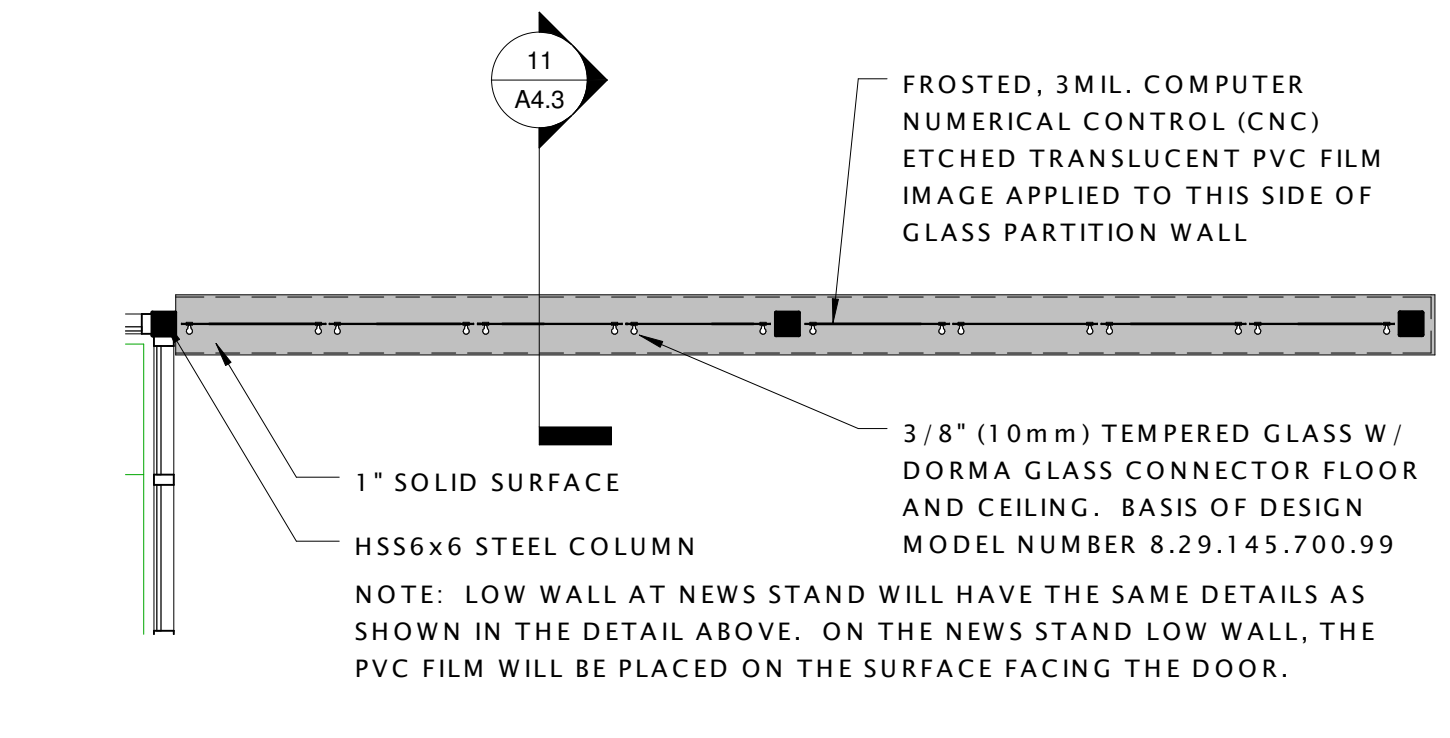
2 WALL SECTION - TEEN RM. ONE
A4.3 1/2" = 1'-0"



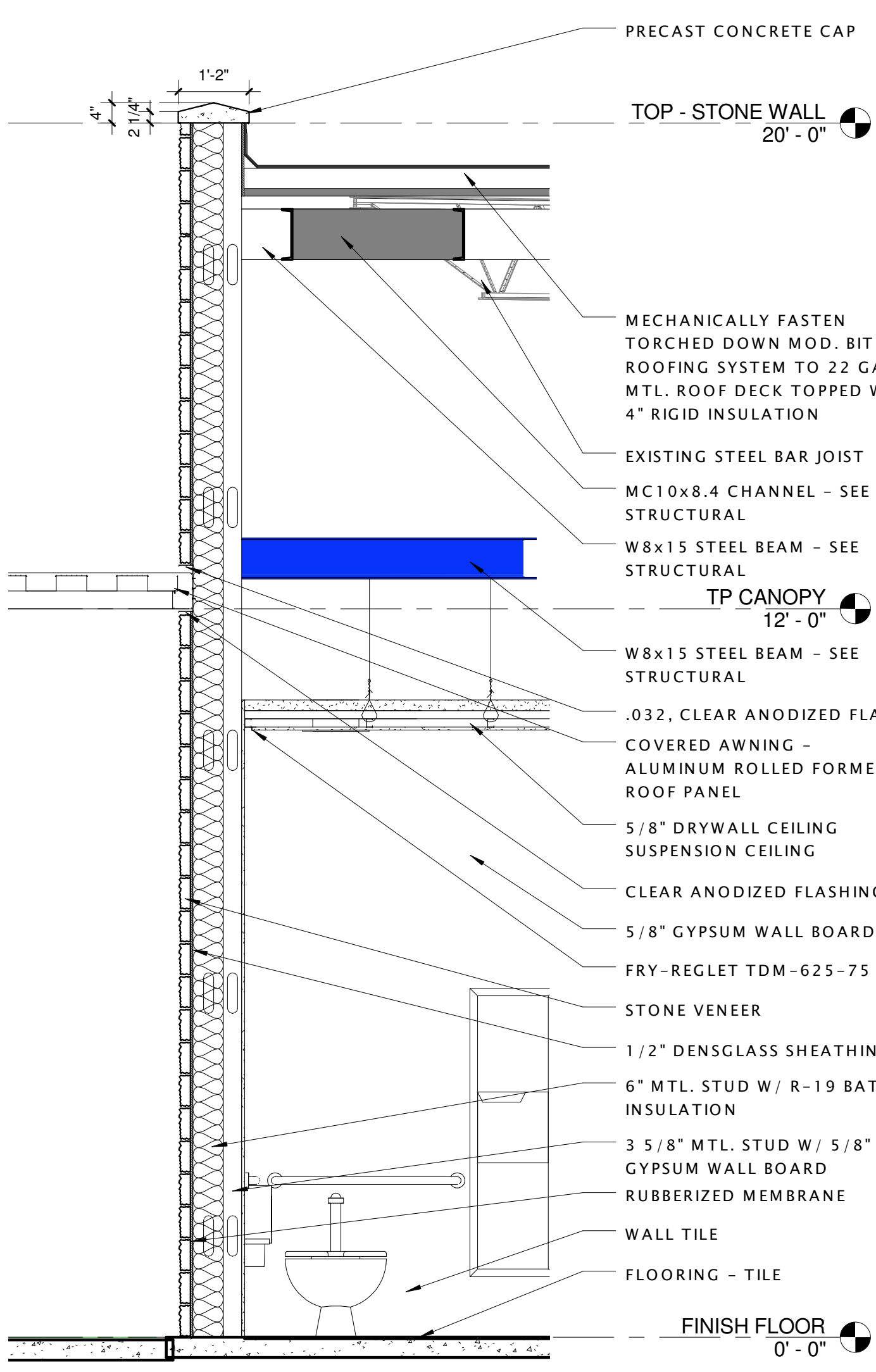
3 WALL SECTION - TEEN RM. TWO
A4.3 1/2" = 1'-0"



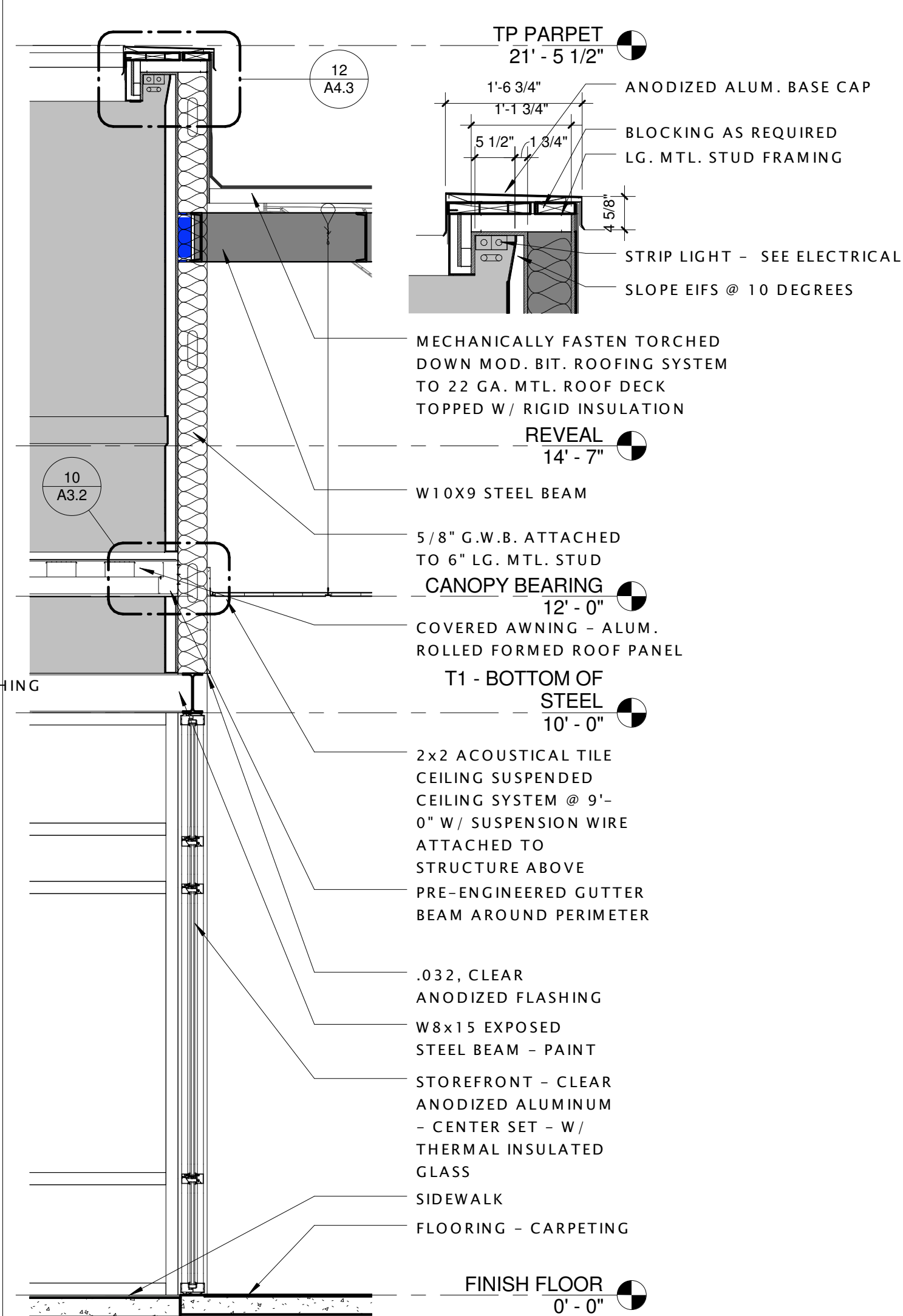
4 DETAIL - TYPICAL EXPOSED BEAM
A4.3 3" = 1'-0"



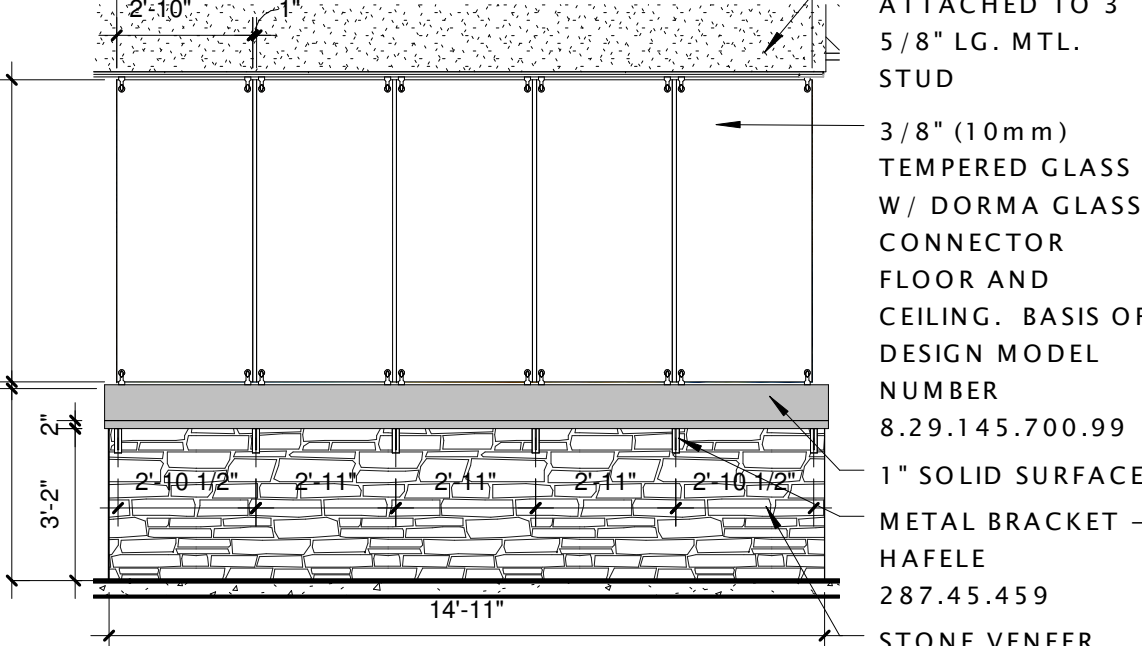
5 READING AREA LOW WALL
A4.3 1/4" = 1'-0"



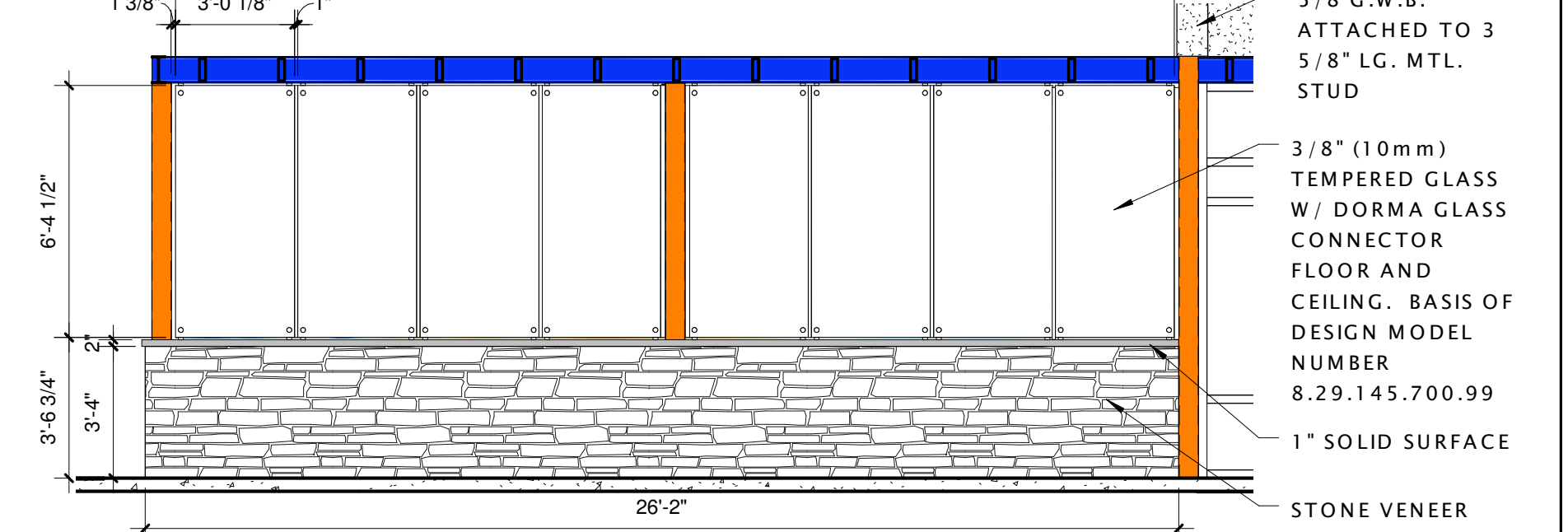
6 WALL SECTION - RESTROOM
A4.3 1/2" = 1'-0"



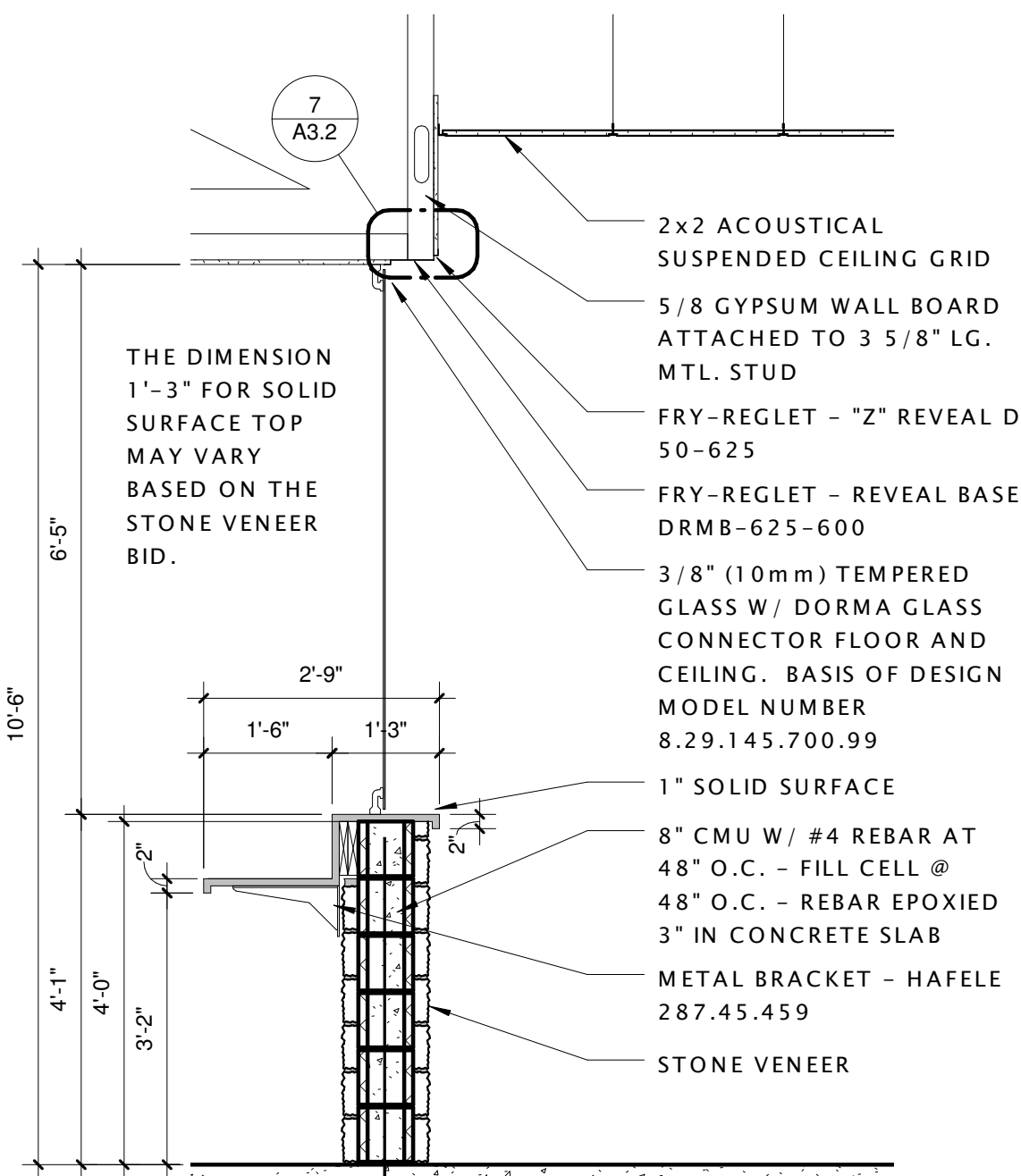
7 WALL SECTION - STOREFRONT ONE
A4.3 1/2" = 1'-0"



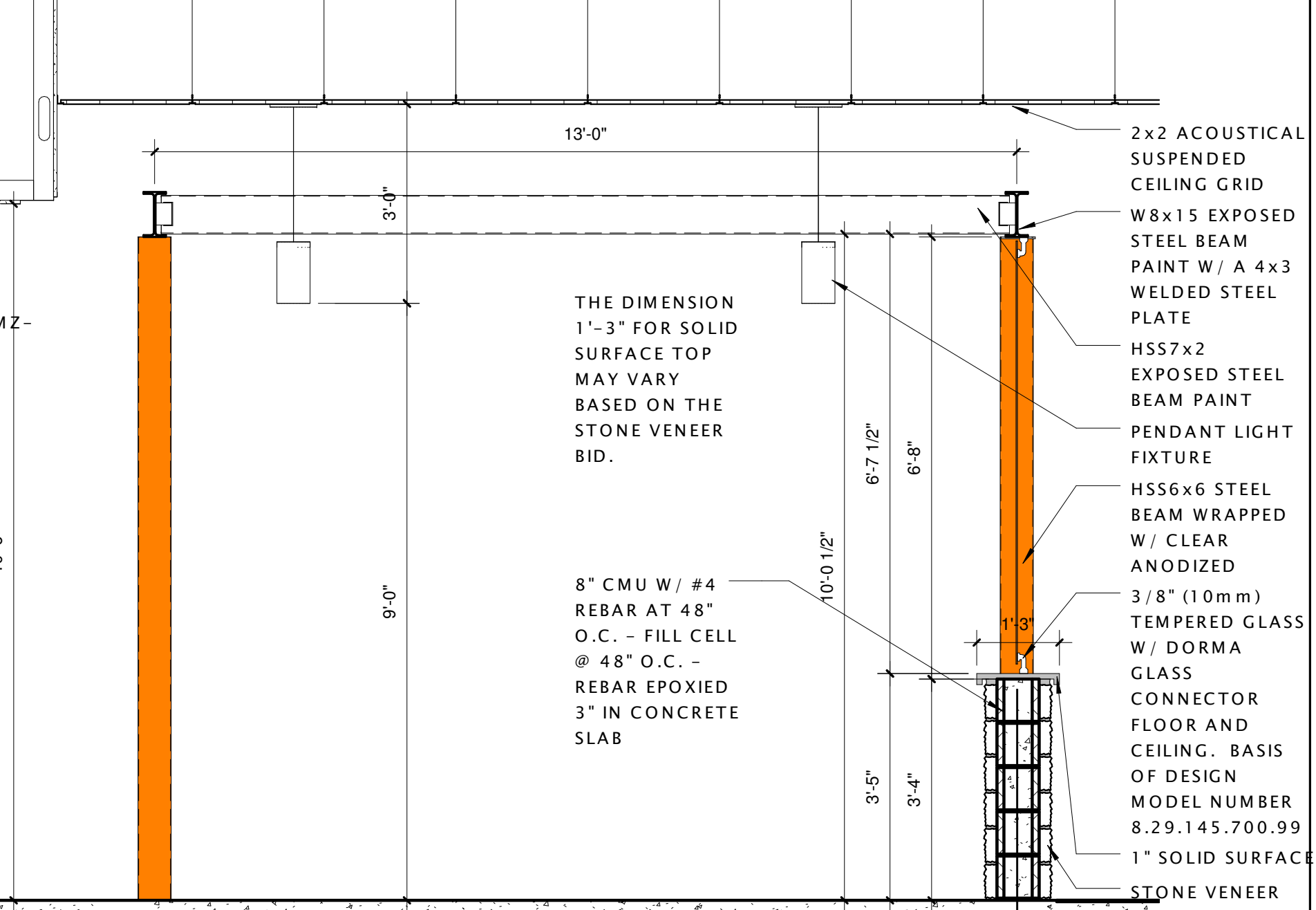
8 LOW WALL ELEV. NEWS STAND
A4.3 1/4" = 1'-0"



9 LOW WALL ELEV. - READING AREA
A4.3 1/4" = 1'-0"



10 WALL SECT. - NEWS STAND
A4.3 1/2" = 1'-0"



11 READING AREA LOW WALL SECTION
A4.3 1/2" = 1'-0"

LEON COUNTY
LIBRARY - LAKE
JACKSON BRANCH

0908.001

BID DOCUMENTS

DOUG SHULER
dshuler@jparchitects.com

DRAWN	PHASE	CHECK	DATE
AAB	SD	JOHNSON	06/25/10
DSHULER	50XDD	JOHNSON	10/15/10
DSHULER	100XDD	JOHNSON	11/20/10
DSHULER	50XCD	JOHNSON	03/08/11
DSHULER	PERMIT	JOHNSON	05/20/11
DSHULER	BID DOC	JOHNSON	08/31/11

#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW

LIBRARY WALL
SECTION, ENLARGED
DETAILS

A4.3

DRAWN	PHASE	CHECK	DATE
AAB	SD	JOHNSON	06/25/10
DSHULER	50%DD	JOHNSON	10/15/10
DSHULER	100%DD	JOHNSON	12/08/10
DSHULER	50%CD	JOHNSON	03/08/11
DSHULER	PERMIT	JOHNSON	05/20/11
DSHULER	BID DOC	JOHNSON	08/31/11

#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW

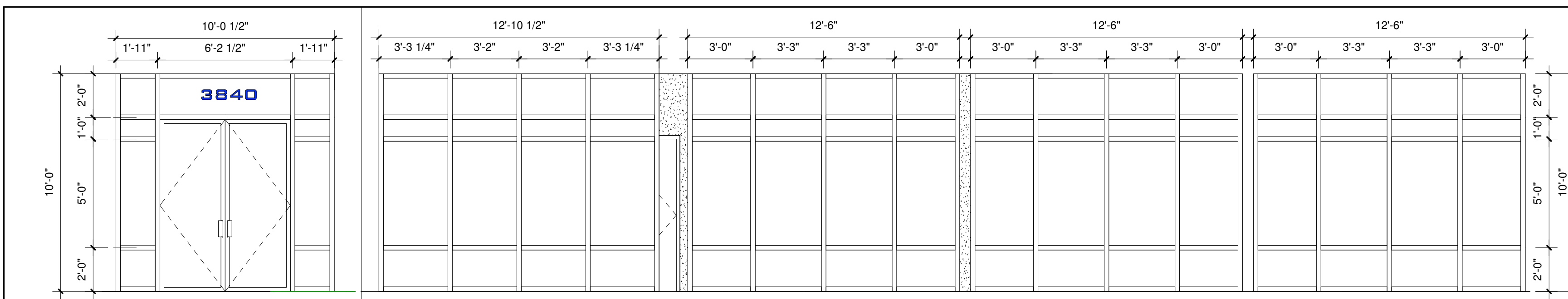
Revisions

Seal

Sheet Name

Sheet #

Sheet #

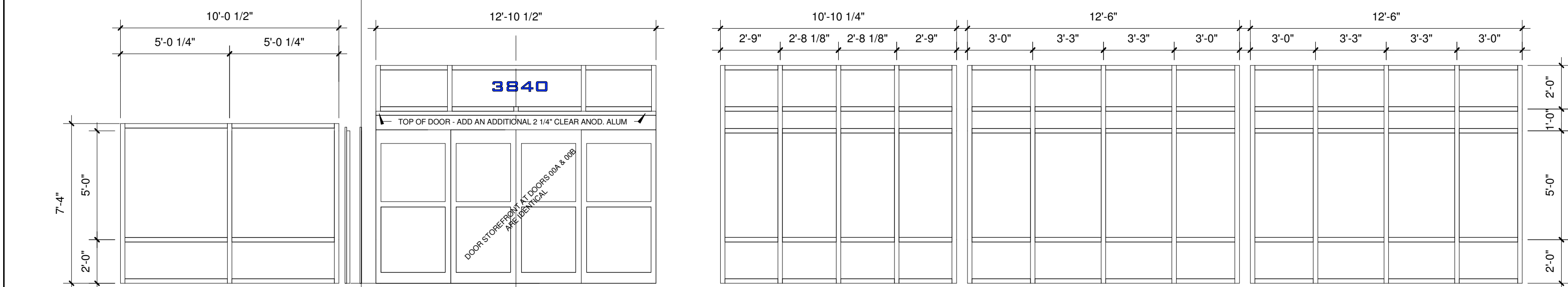


12 STRFT. E. ELEV.

A5.2 1/4" = 1'-0"

13 STRFT. EAST ELEV. LOWER

A5.2 1/4" = 1'-0"

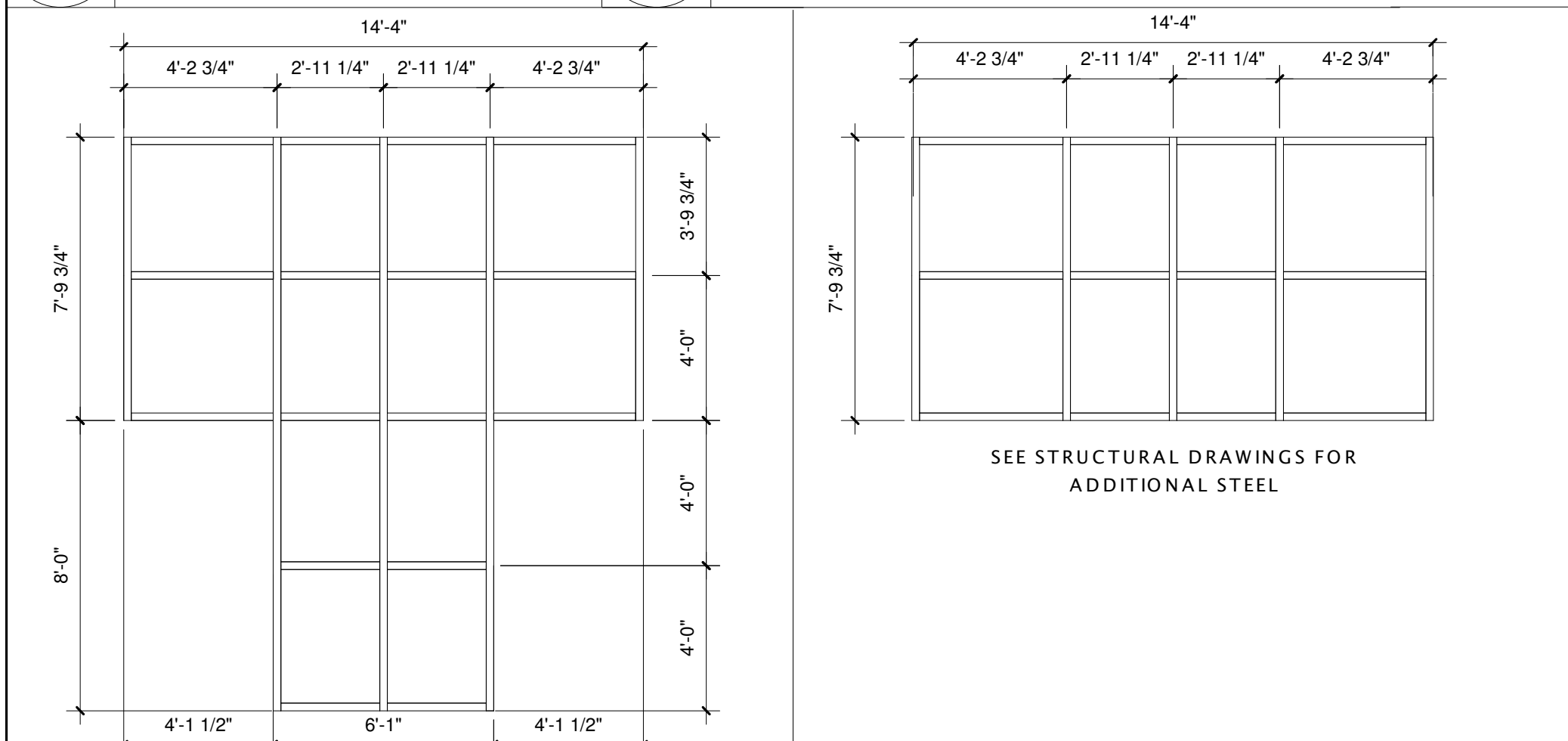


14 STRFT. S. ELEV.

A5.2 1/4" = 1'-0"

15 STRFT. SOUTH ELEV. LOWER

A5.2 1/4" = 1'-0"

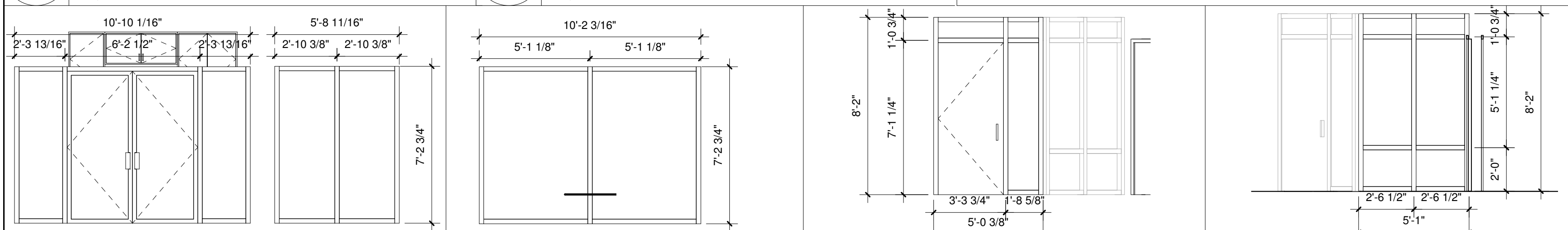


16 STRFT. E. & S. ELEV. UPPER

A5.2 1/4" = 1'-0"

17 STRFT. W. & N. UPPER

A5.2 1/4" = 1'-0"



18 STRFT. COMM. RM. NW.

A5.2 1/4" = 1'-0"

19 STRFT. COMM. RM. W.

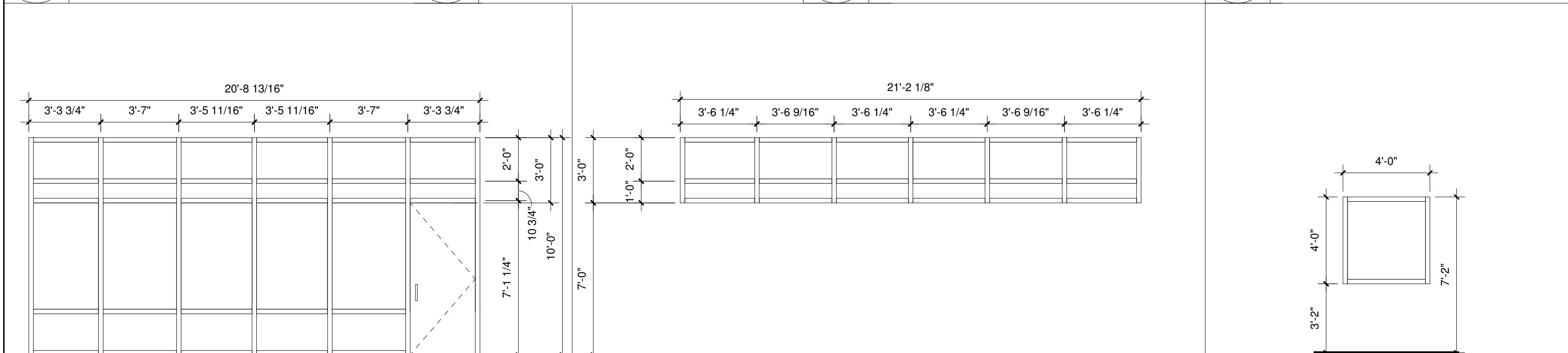
A5.2 1/4" = 1'-0"

20 STRFT. COMM. RM. NE.

A5.2 1/4" = 1'-0"

21 STRFT. COMM. RM. N.

A5.2 1/4" = 1'-0"



22 STRFT. TEEN RM. NE.

A5.2 1/4" = 1'-0"

23 STRFT. TEEN RM. NW.

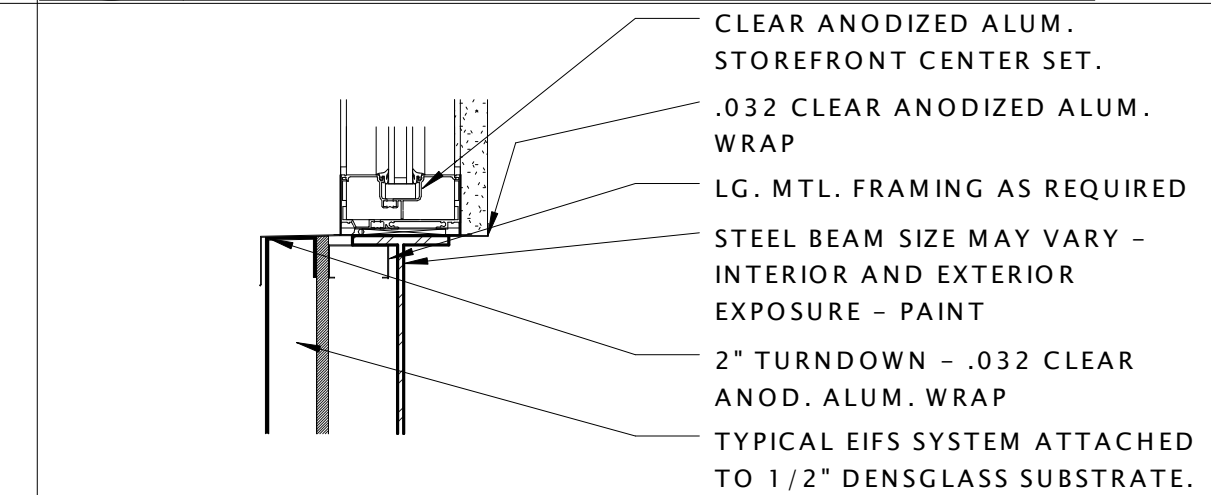
A5.2 1/4" = 1'-0"

24 BRANCH MRG. OFFICE

A5.2 1/4" = 1'-0"

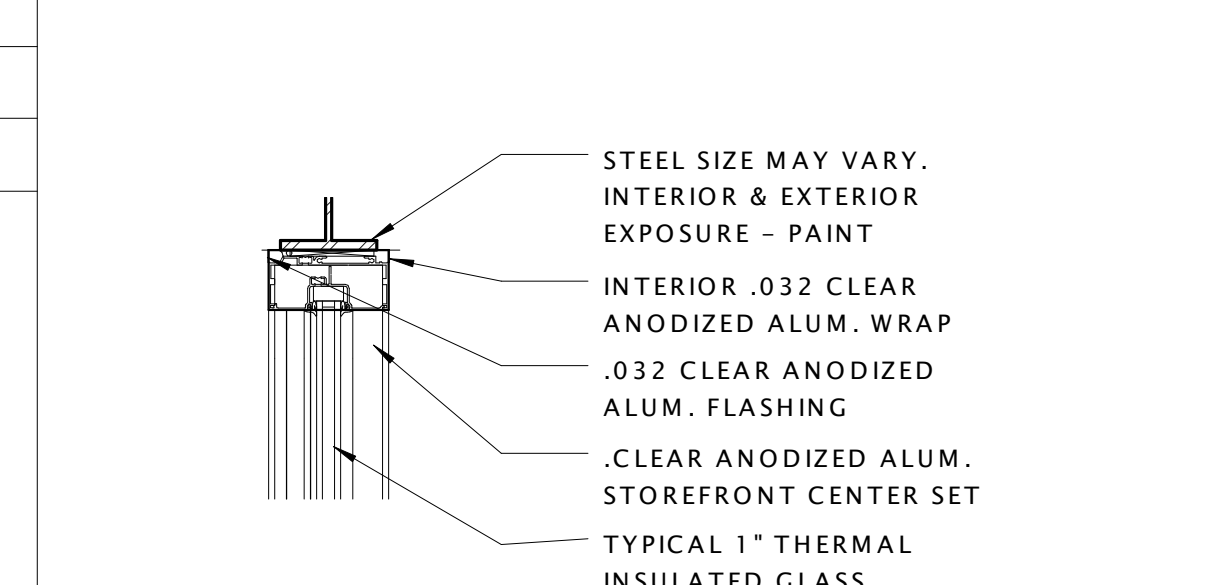
9 STRFT. HEAD DTL. AT ROOF

A5.2 1 1/2" = 1'-0"



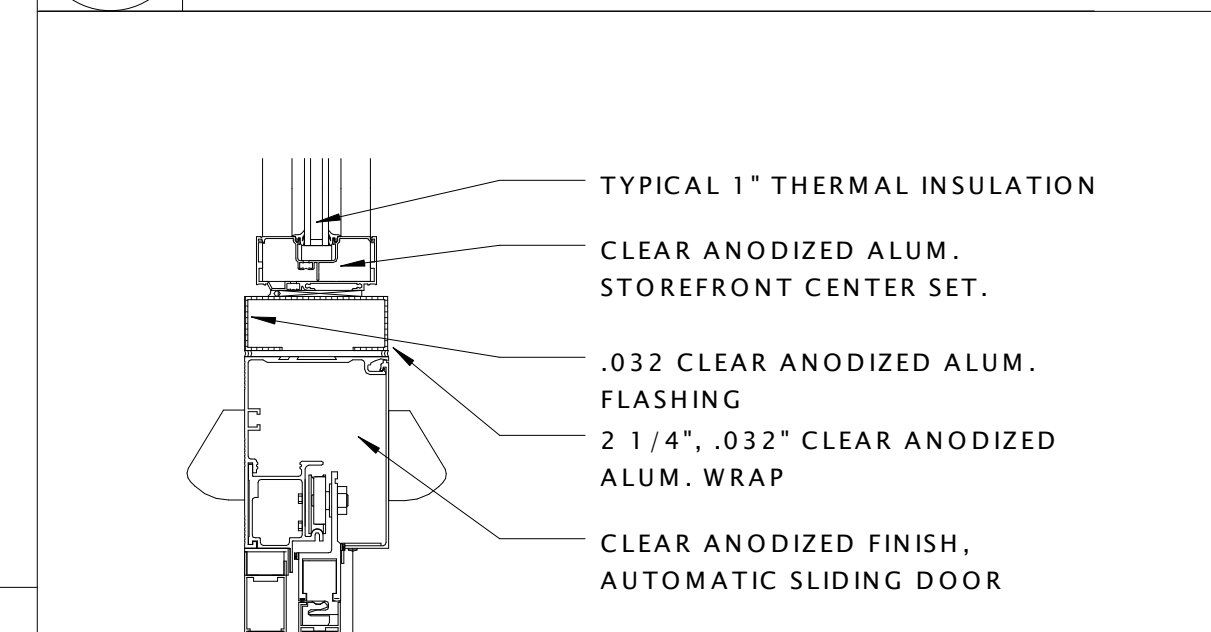
8 STR. SILL DTL. @ STEEL BEAM

A5.2 1 1/2" = 1'-0"



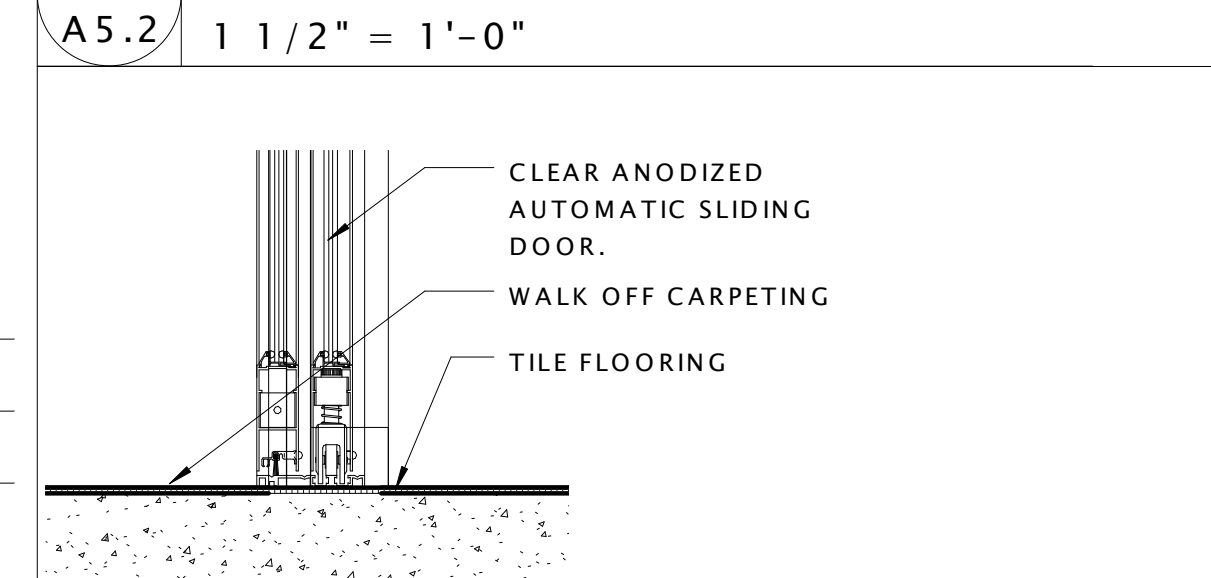
7 STRFT. HEAD DTL. @ STEEL BM.

A5.2 1 1/2" = 1'-0"



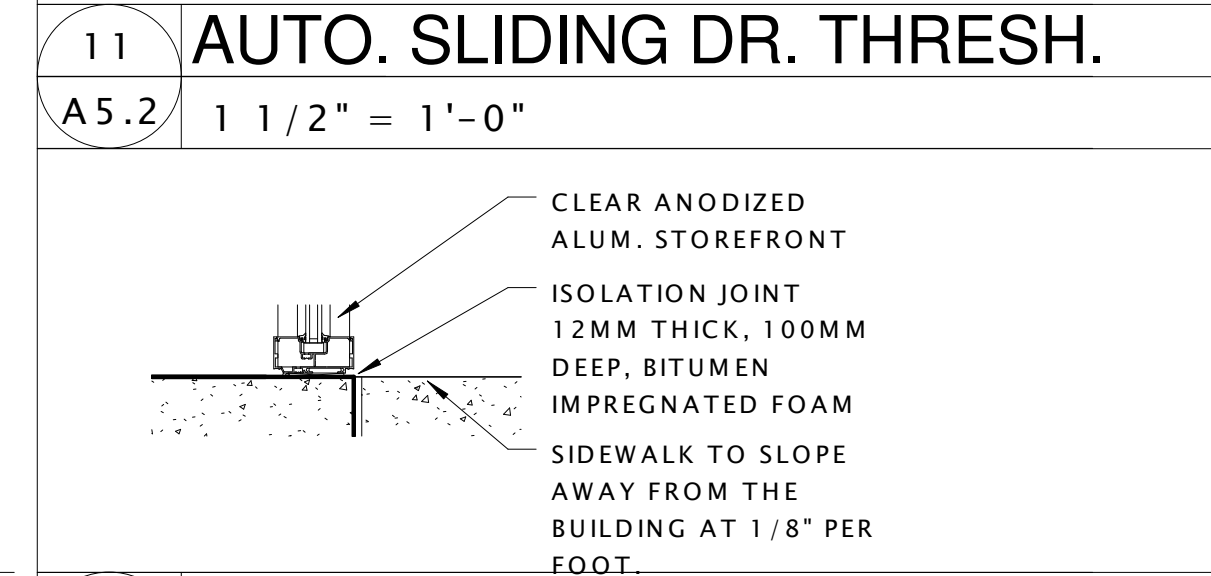
6 AUTOMATIC SLIDING DOOR

A5.2 1 1/2" = 1'-0"



11 AUTO. SLIDING DR. THRESH.

A5.2 1 1/2" = 1'-0"

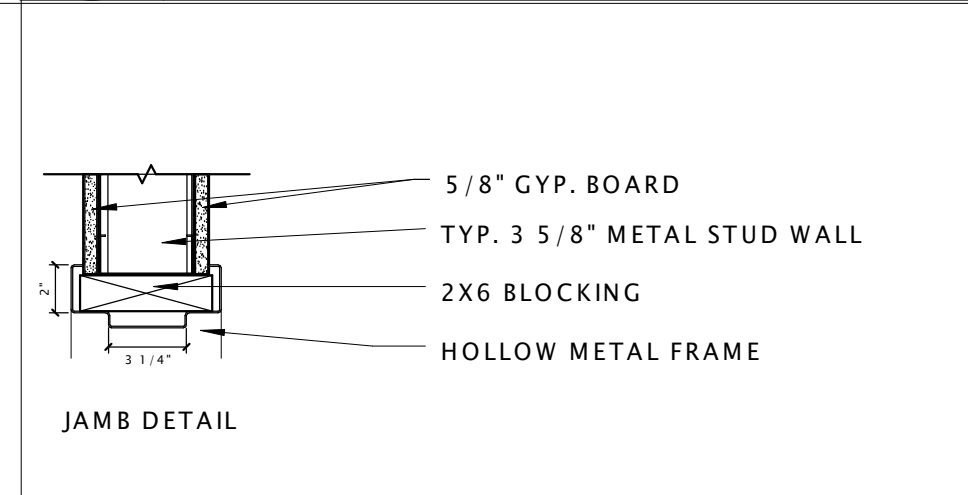


10 STRFT. SILL DTL.

A5.2 1" = 1'-0"

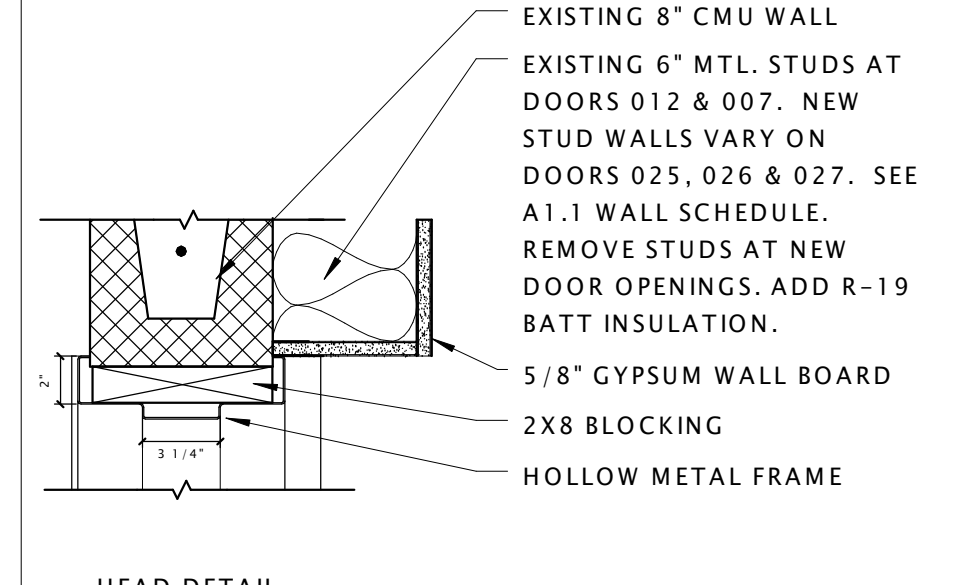
1 INTERIOR HEAD DETAIL

A5.2 1 1/2" = 1'-0"



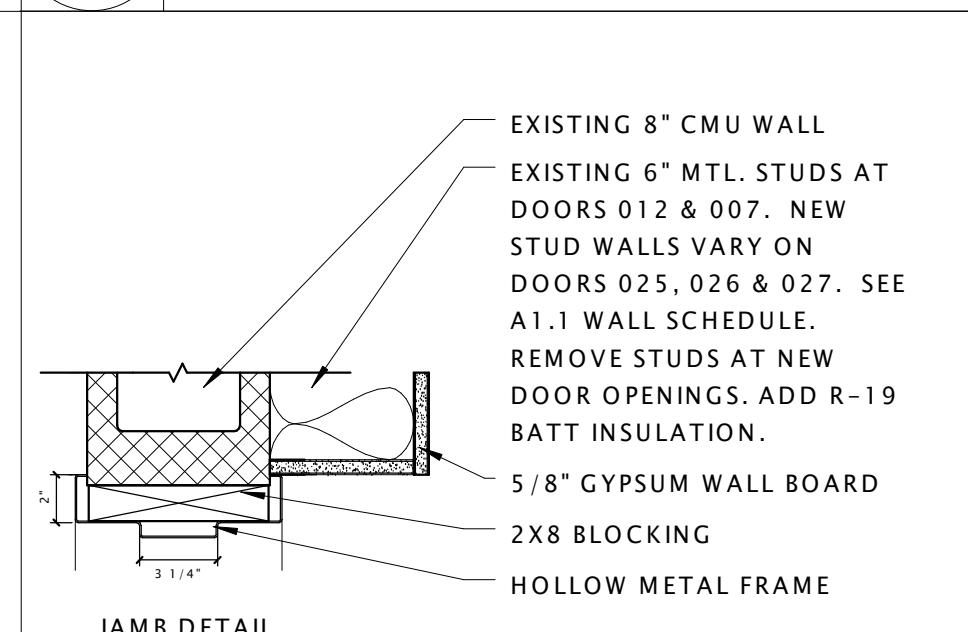
2 INTERIOR JAMB DETAIL

A5.2 1 1/2" = 1'-0"



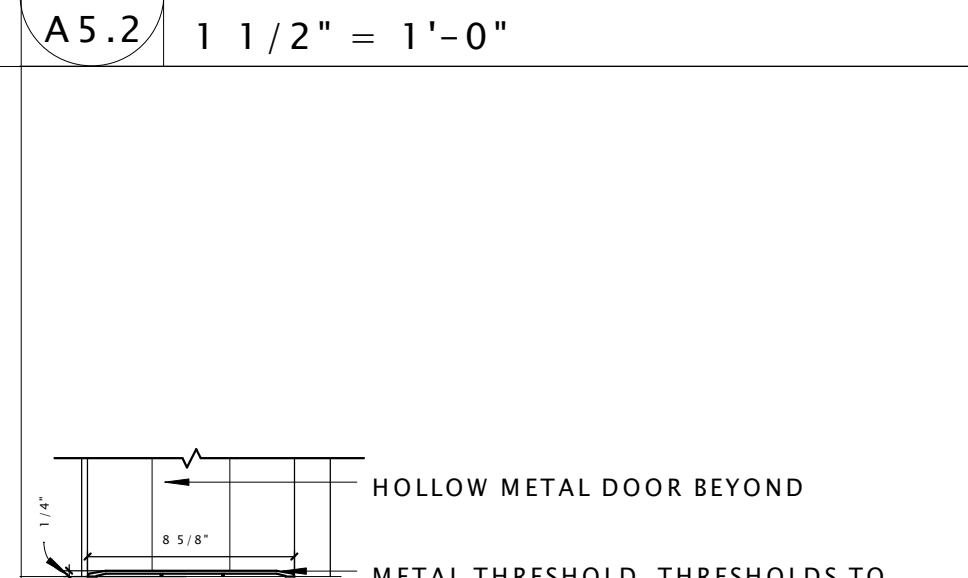
3 EXTERIOR HEAD DETAIL

A5.2 1 1/2" = 1'-0"



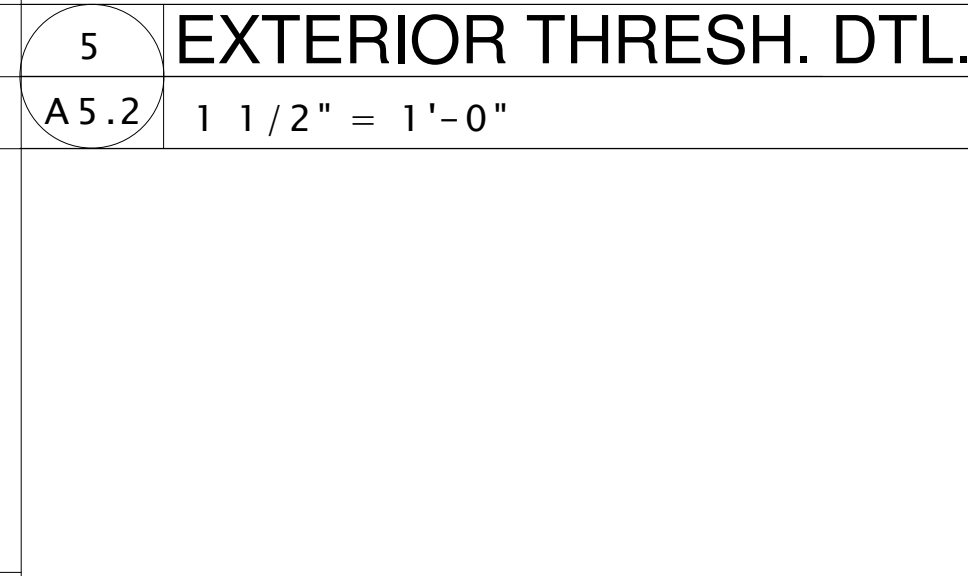
4 EXTERIOR JAMB DETAIL

A5.2 1 1/2" = 1'-0"



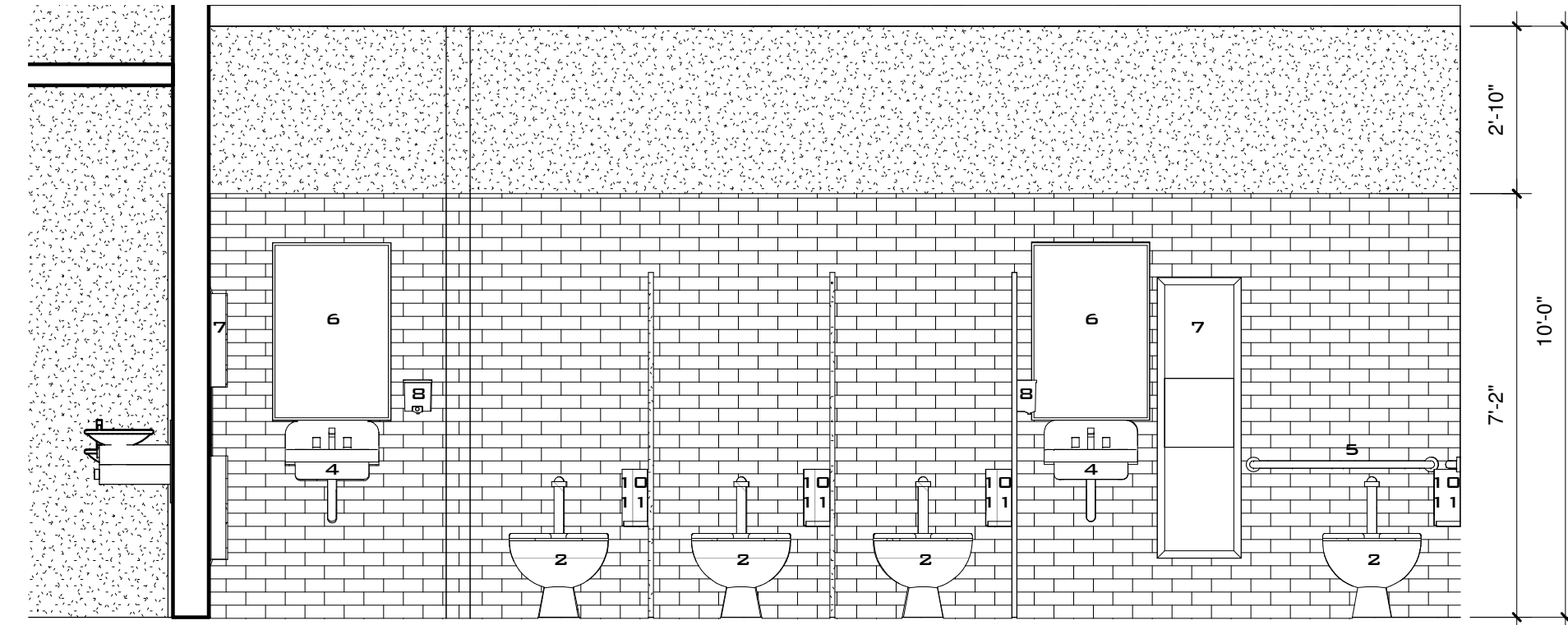
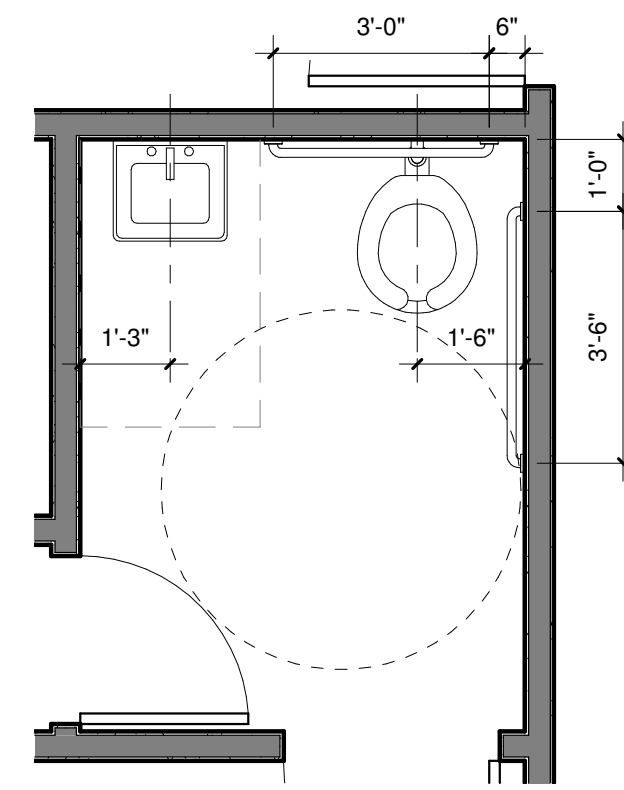
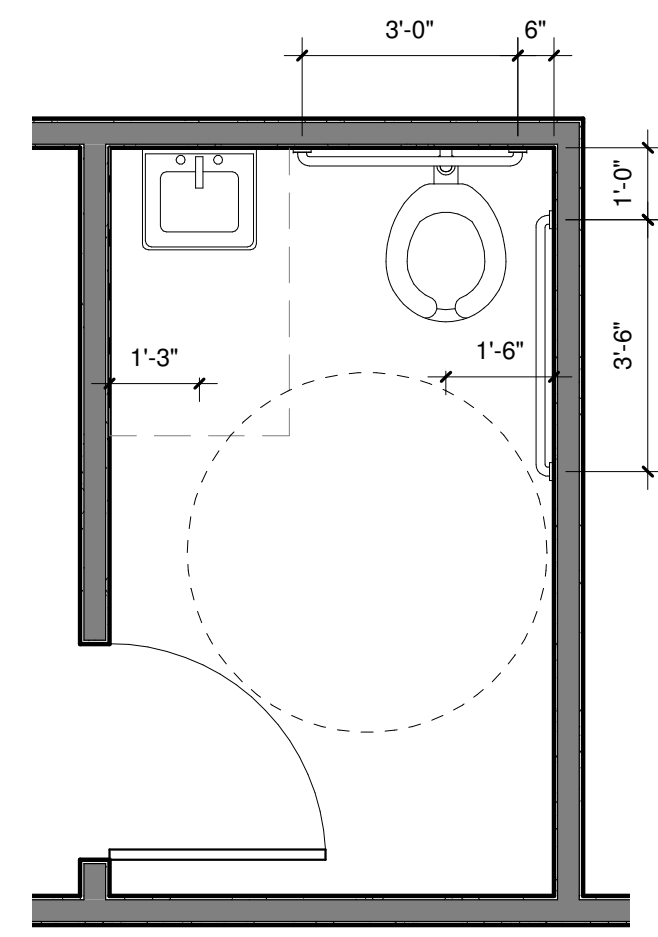
5 EXTERIOR THRESH. DTL.

A5.2 1 1/2" = 1'-0"



TOILET ACCESSORY SCHEDULE

NO.:	ACCESSORY	MODEL NO.: BASIS OF DESIGN
5	36" STAINLESS STEEL GRAB BARS	BRADLEY MODEL #8120-00136
5	42" STAINLESS STEEL GRAB BARS	BRADLEY MODEL #8120-00142
6	24"x36" MIRROR	BRADLEY MODEL #780-02436
7	PAPER TOWEL - WASTE DISPENSER	BRADLEY MODEL #2017-RECESSED
8	STAINLESS STEEL BABY CHANGER	BRADLEY MODEL #962-11
9	TOILET TISSUE DISPENSER	BRADLEY MODEL #5425
10	NAPKIN DISPENSER	BRADLEY MODEL #4721-15
11	SOLID PLASTIC LOCKERS	2 TIER 60" OF EQUAL
	RESTROOM PARTITIONS	BRADMAR HDPE FLOOR-CEILING SERIES 700



1 EMS RESTROOM

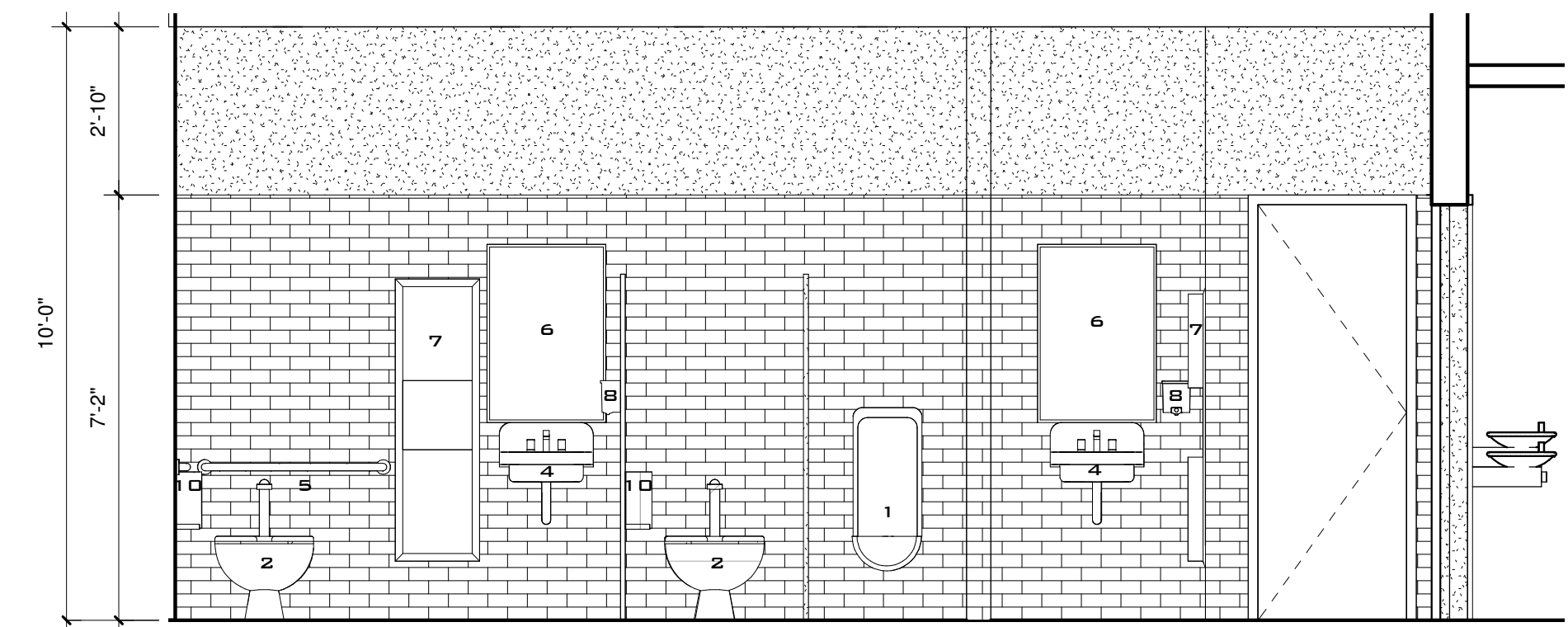
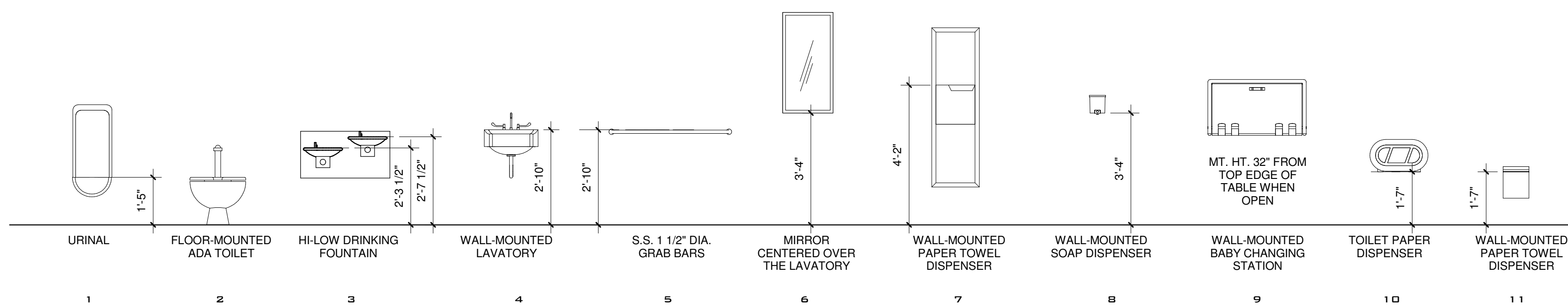
A6.1 3/8" = 1'-0"

2 STAFFROOM RESTROOM

A6.1 3/8" = 1'-0"

4 WOMENS ELEV. EAST

A6.1 3/8" = 1'-0"

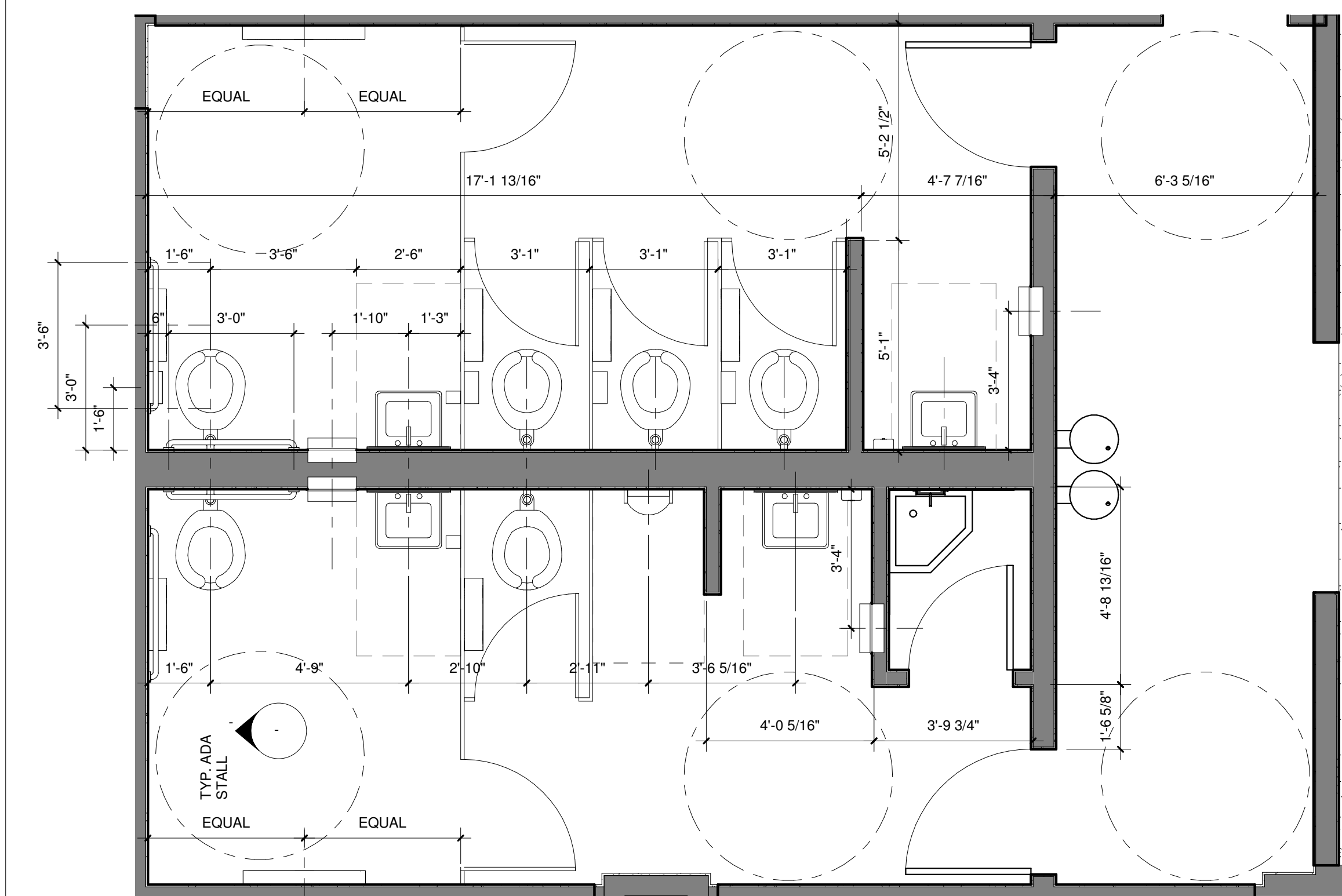


RESTROOM FIXTURES

3/8" = 1'-0"

5 MENS ELEV. WEST

A6.1 3/8" = 1'-0"



6 ENLARGED RESTROOM

A6.1 3/8" = 1'-0"

DRAWN	PHASE	CHECK	DATE
AAB	SD	JOHNSON	06/25/10
DSHULER	50%DD	JOHNSON	10/15/10
DSHULER	100%DD	JOHNSON	12/08/10
DSHULER	50%CD	JOHNSON	03/08/11
DSHULER	PERMIT	JOHNSON	05/20/11
DSHULER	BID DOC	JOHNSON	08/31/11

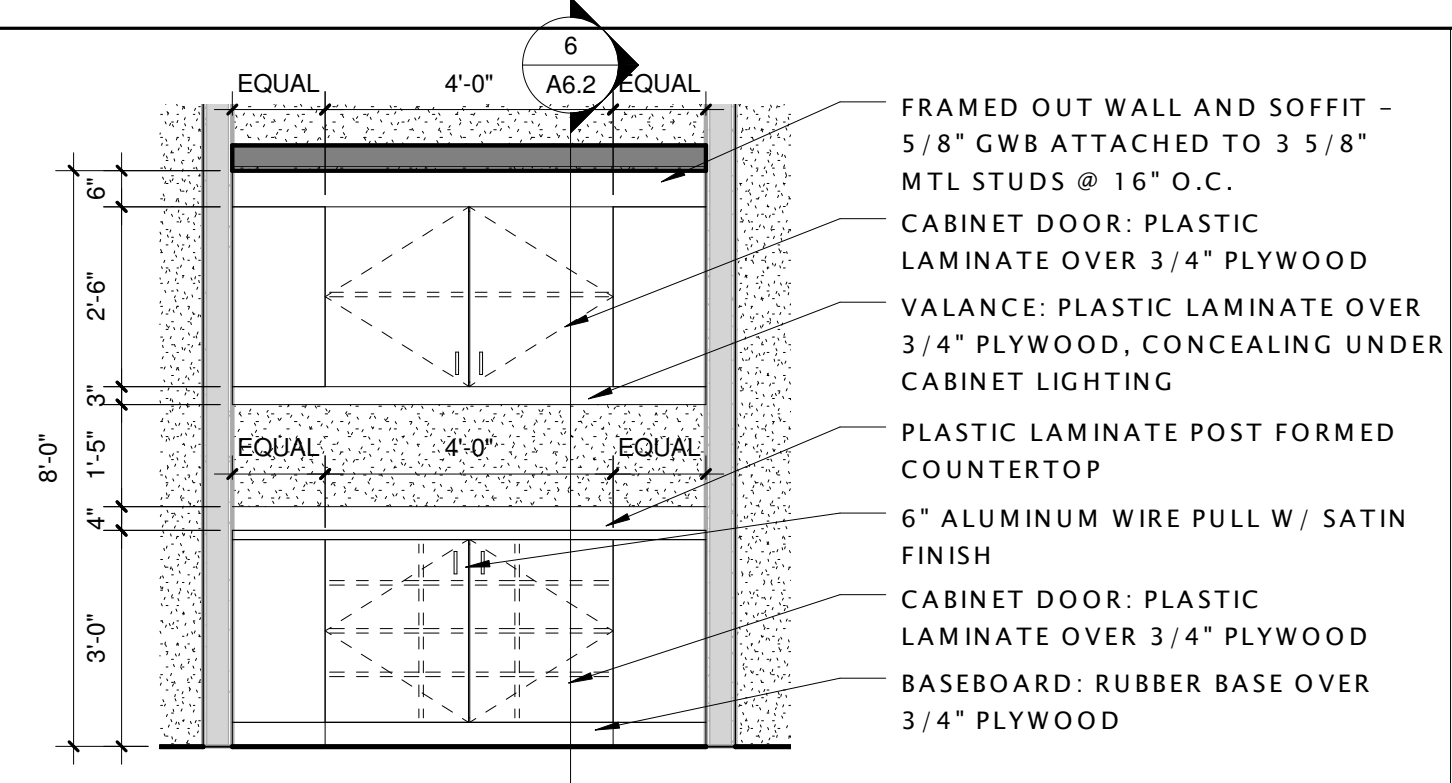
#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW

Revisions

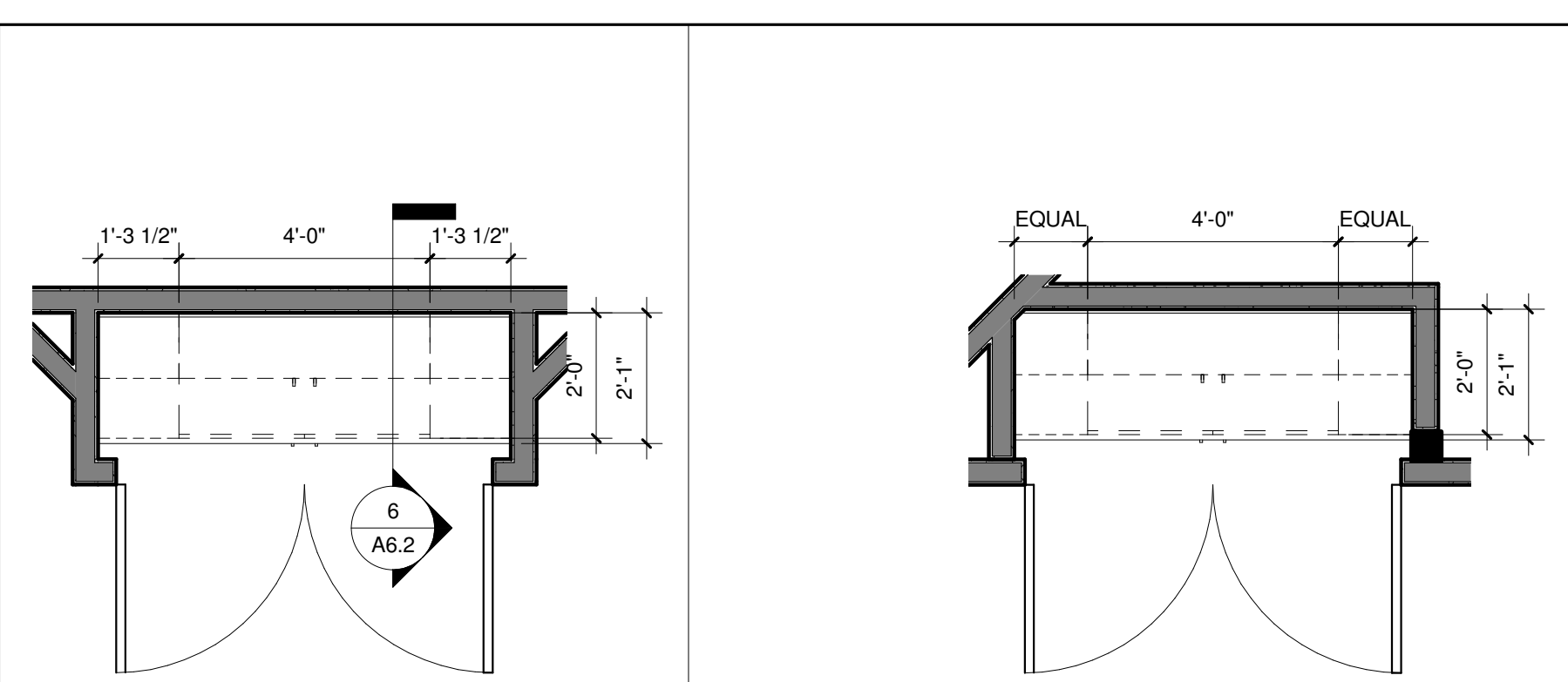
Seal

Sheet Name
LIBRARY RESTROOM FLOOR PLAN & ACCESSORY SCHEDULE

Sheet #
A6.1

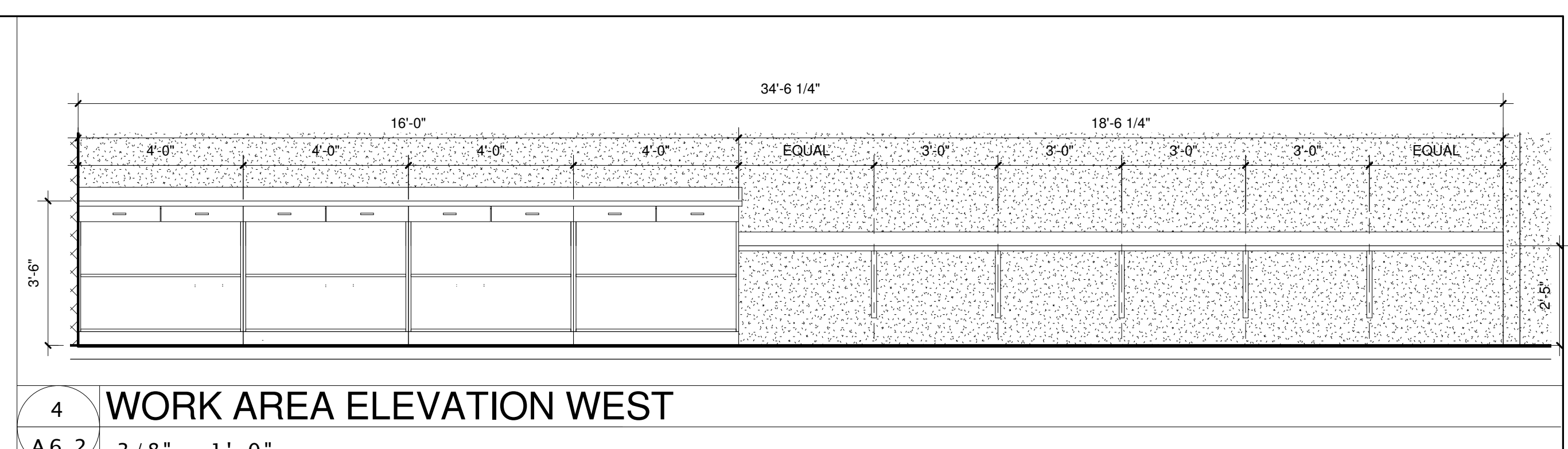


1 ELEV. LRG. MTG. A/V
A6.2 3/8" = 1'-0"

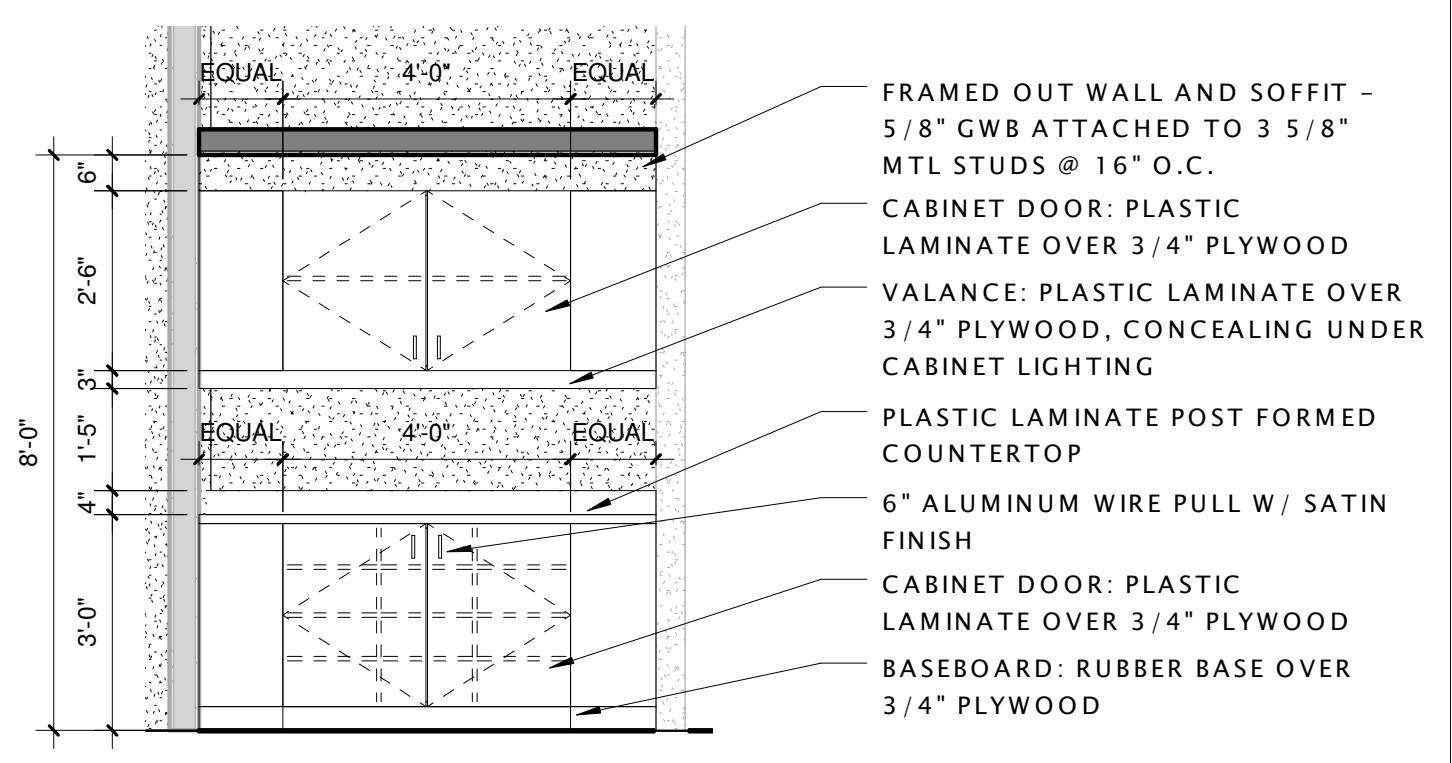


2 LRG. MTG. A/V
A6.2 3/8" = 1'-0"

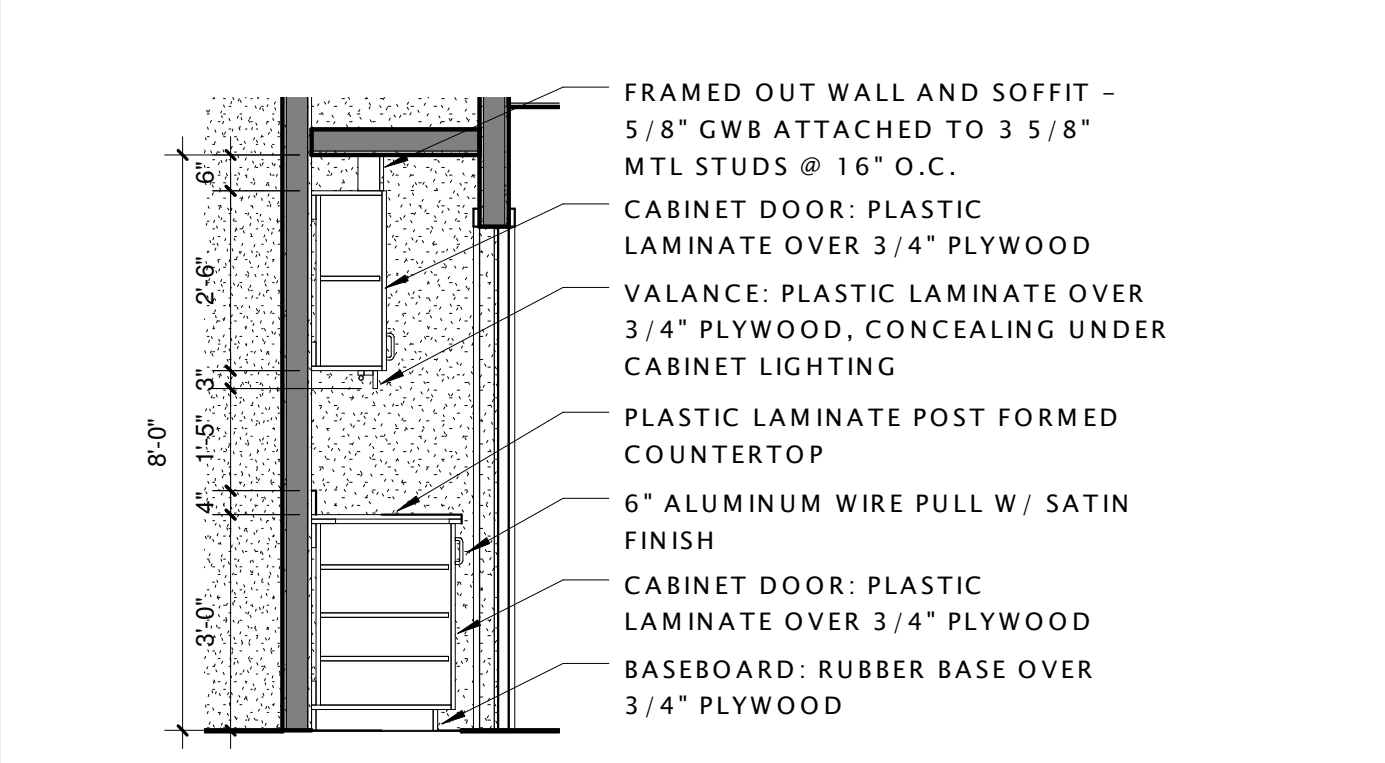
3 SM. MTG. A/V
A6.2 3/8" = 1'-0"



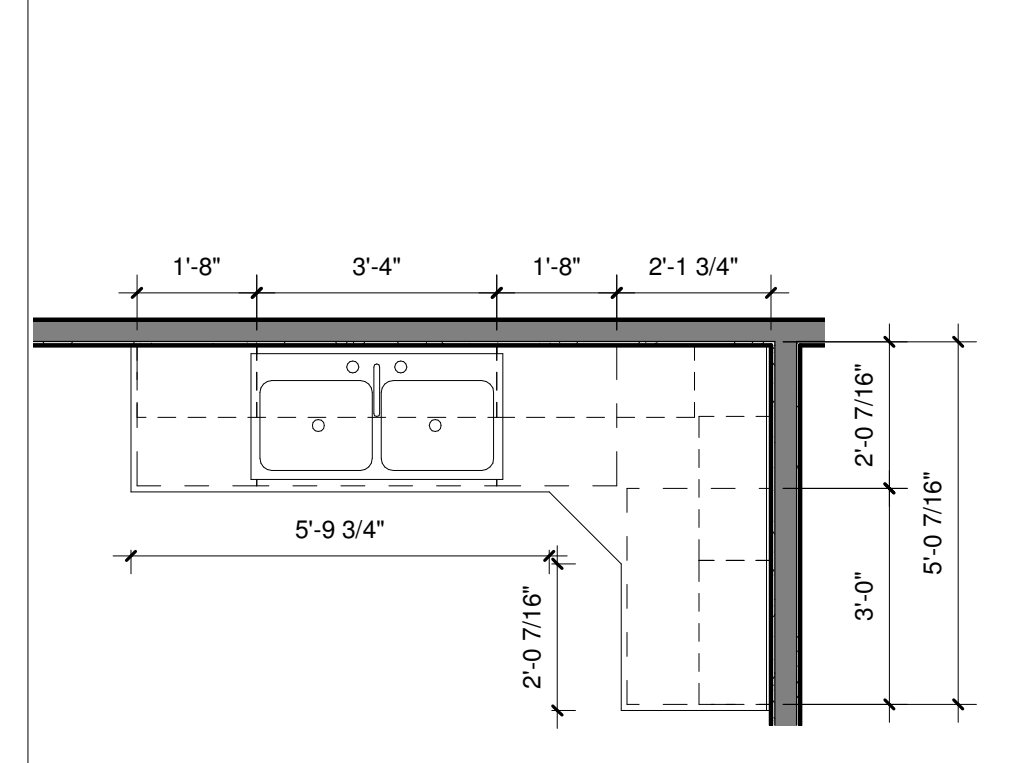
4 WORK AREA ELEVATION WEST
A6.2 3/8" = 1'-0"



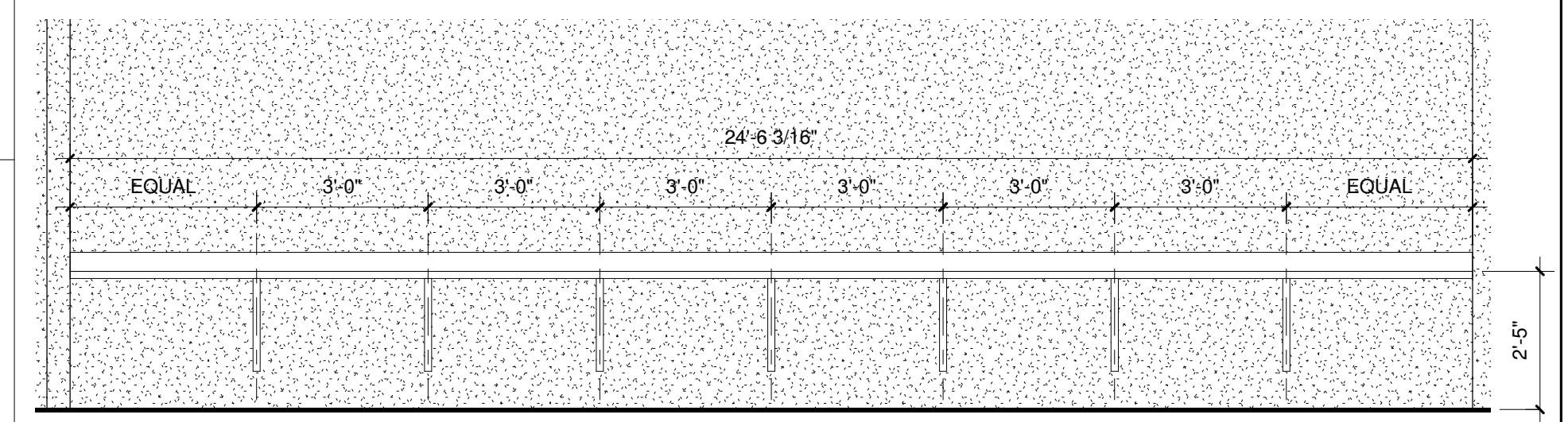
5 ELEV. SM. MTG. A/V
A6.2 3/8" = 1'-0"



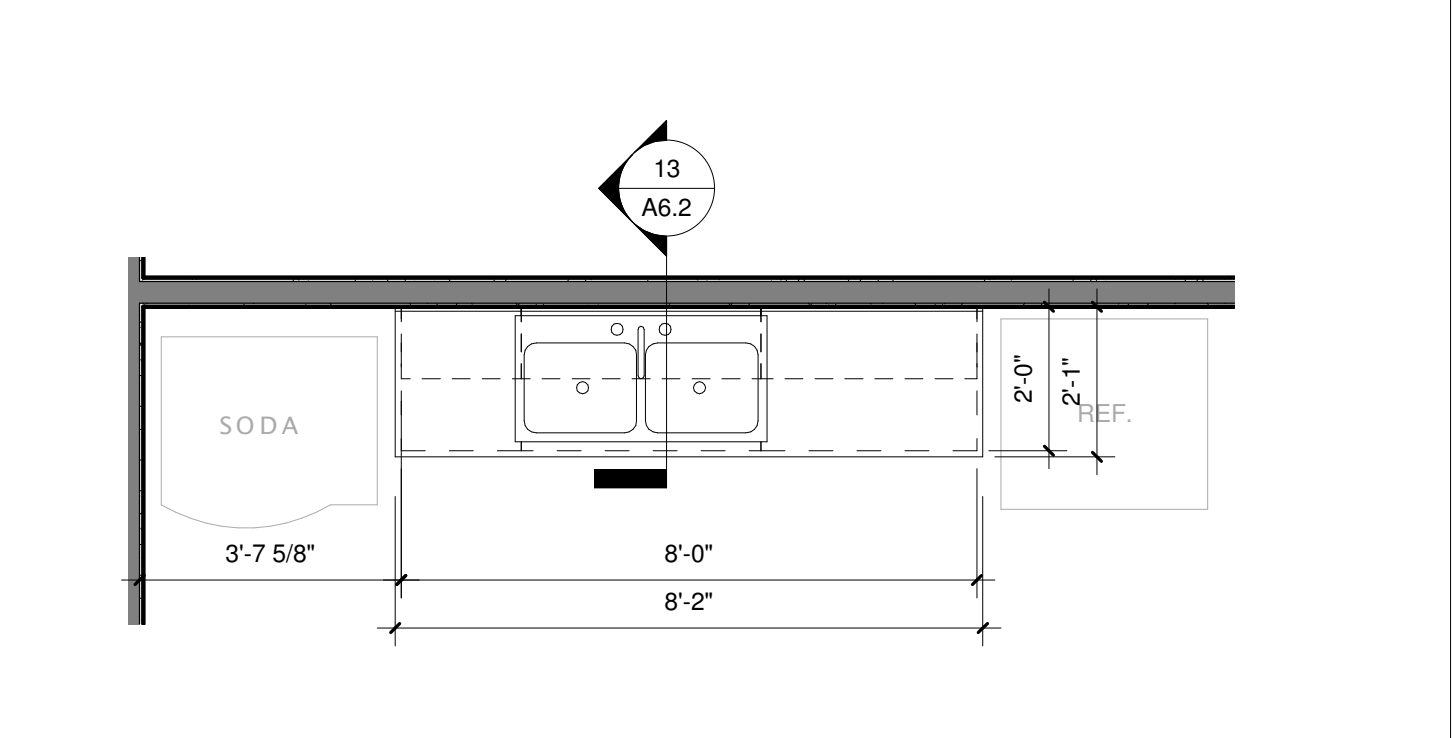
6 LRG. SM. MTG. SECT.
A6.2 3/8" = 1'-0"



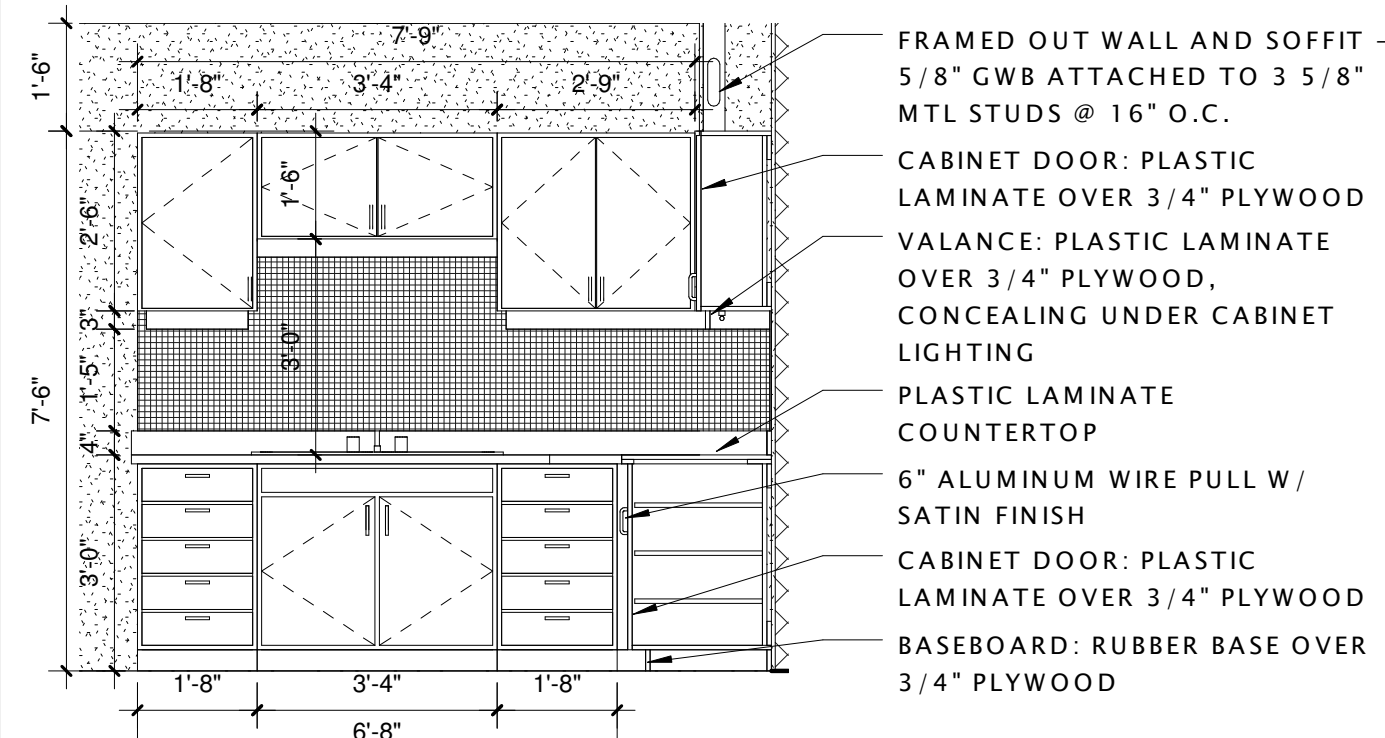
7 KITCHEN FLOOR PLAN
A6.2 3/8" = 1'-0"



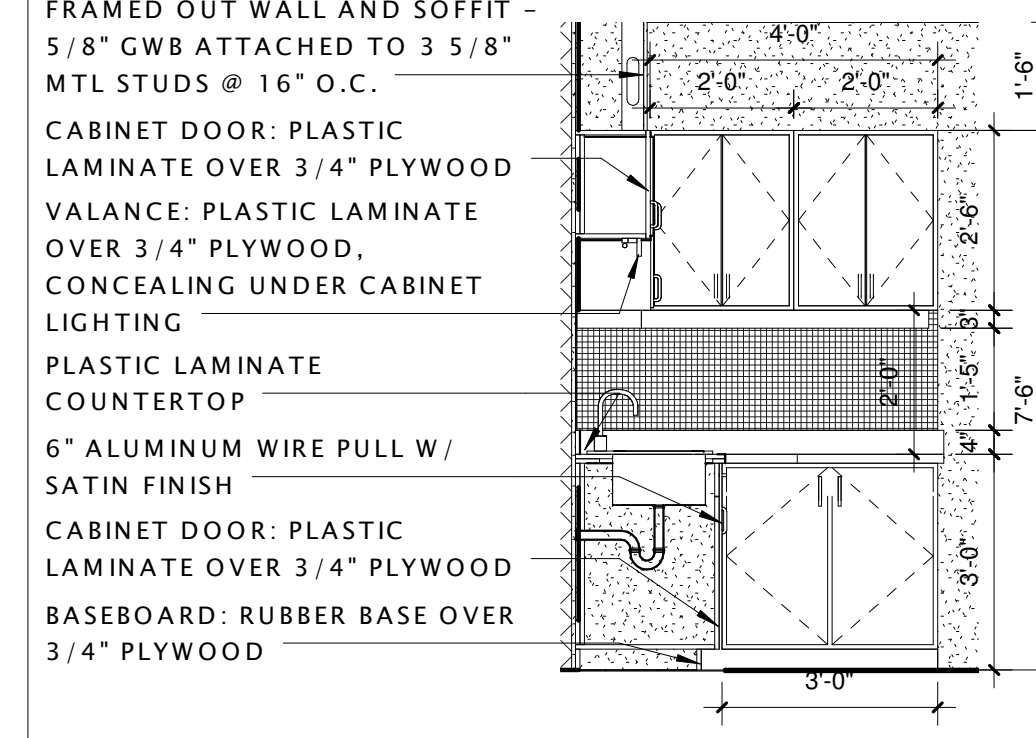
8 WORK AREA ELEVATION EAST
A6.2 3/8" = 1'-0"



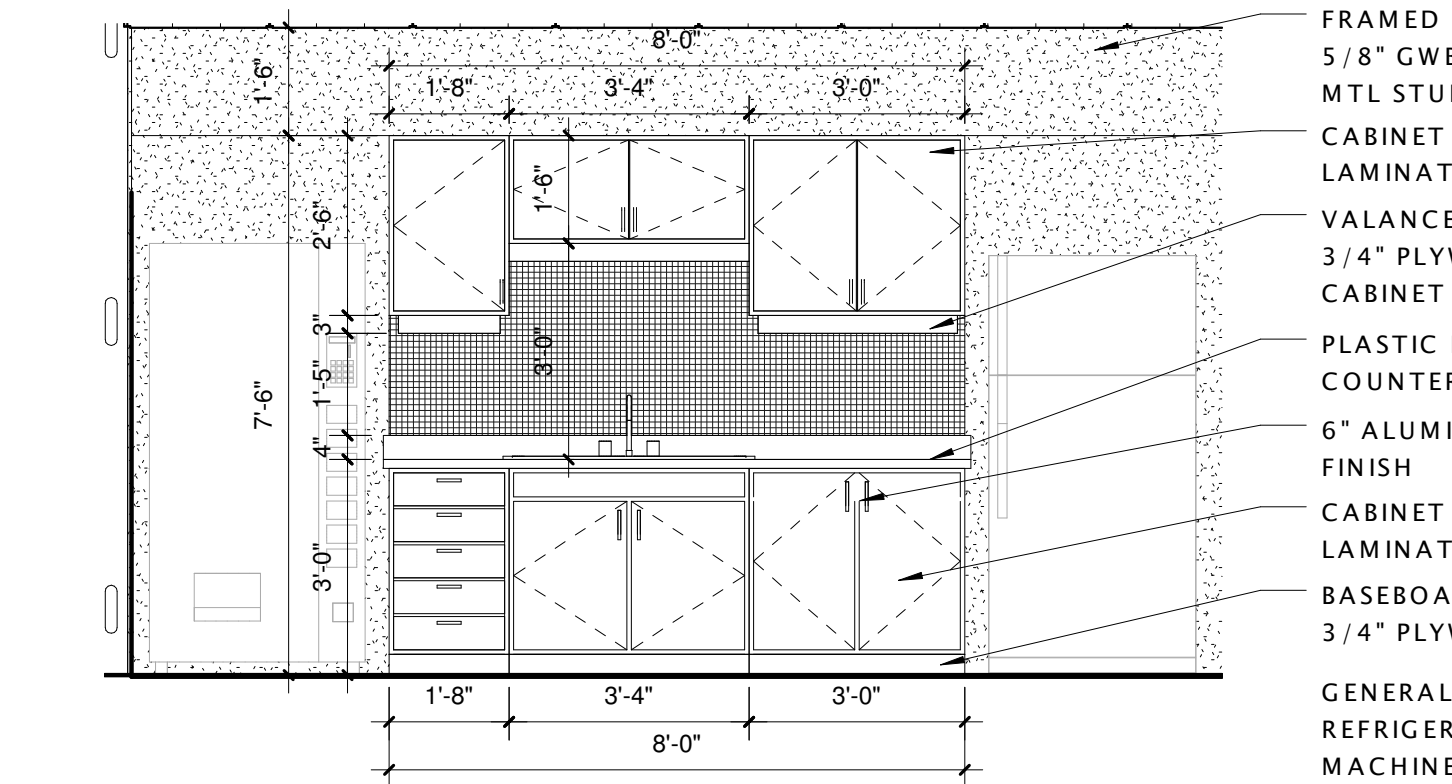
9 STAFF RA FLOOR PLAN
A6.2 3/8" = 1'-0"



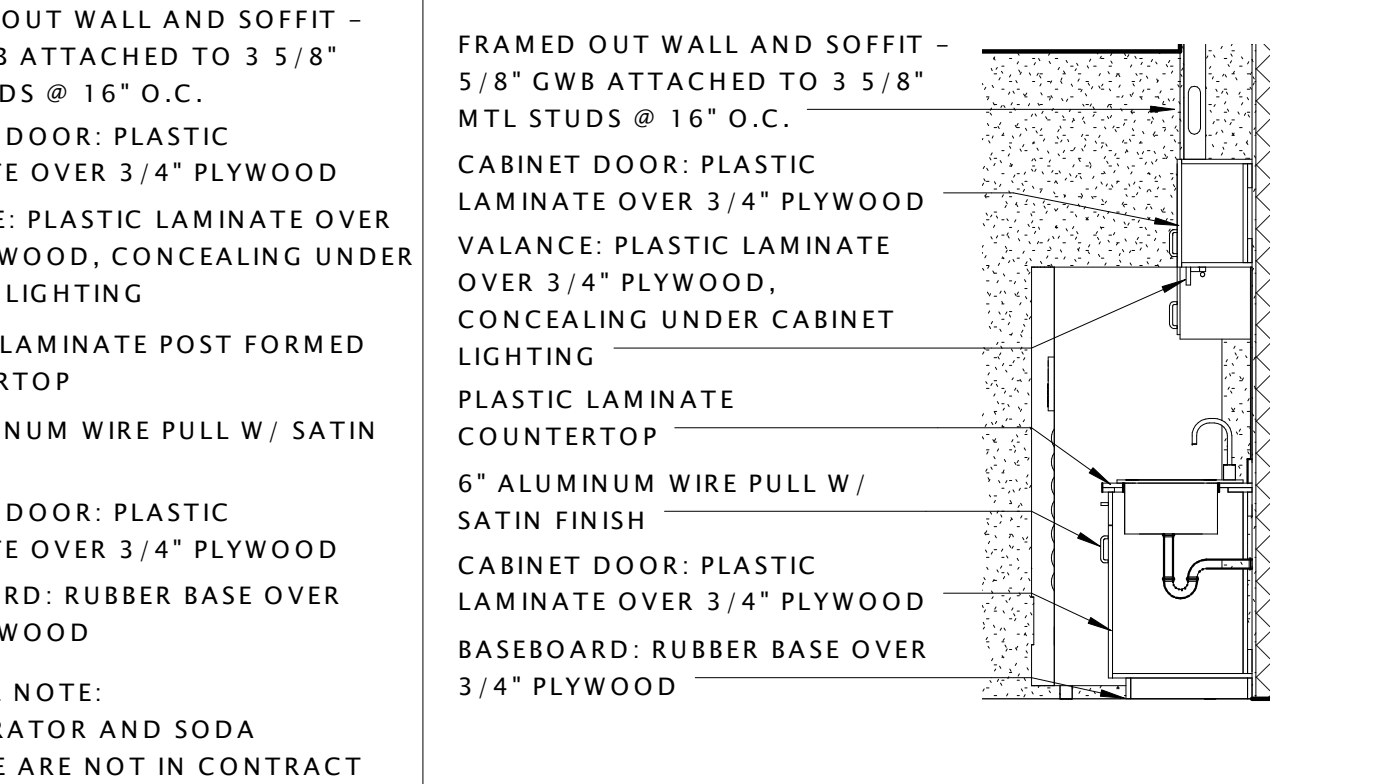
10 KITCH. ELEV. NORTH
A6.2 3/8" = 1'-0"



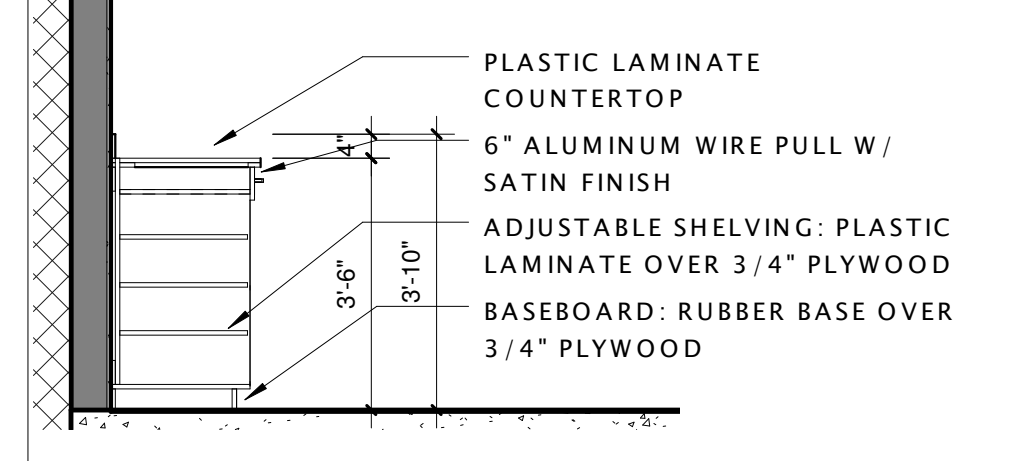
11 KITCH. ELEV. EAST
A6.2 3/8" = 1'-0"



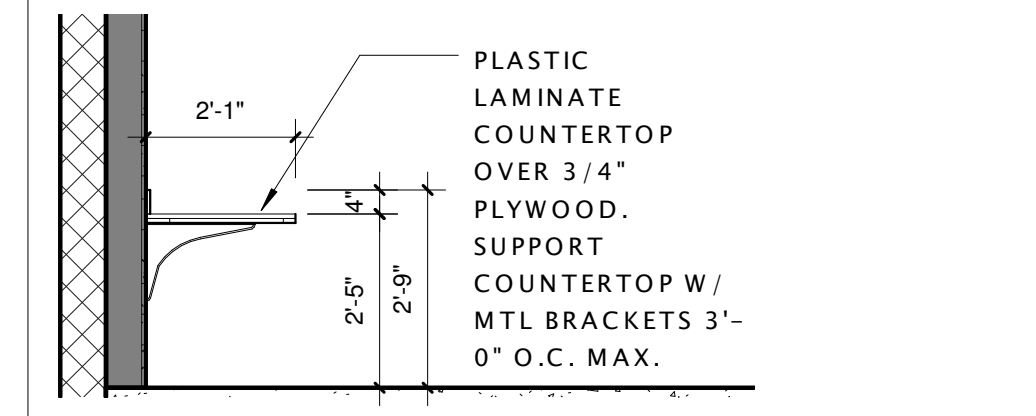
12 STAFF RA MILLWORK
A6.2 3/8" = 1'-0"



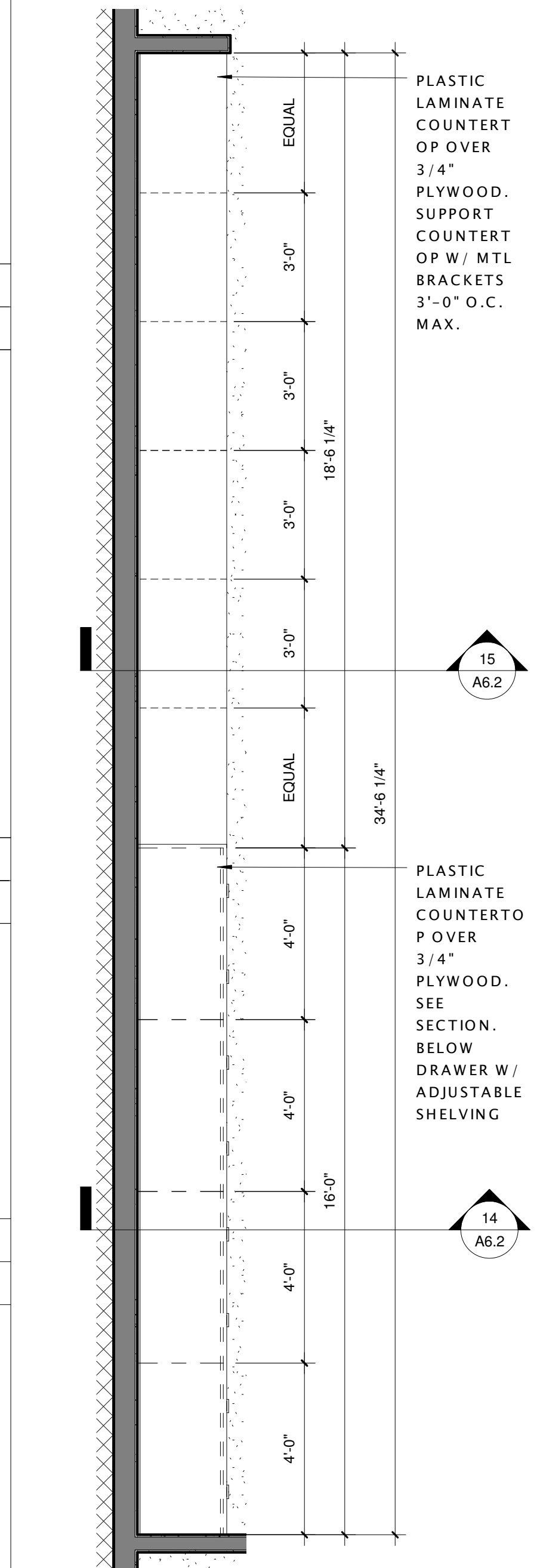
13 KITCHEN MILLWORK SECT.
A6.2 3/8" = 1'-0"



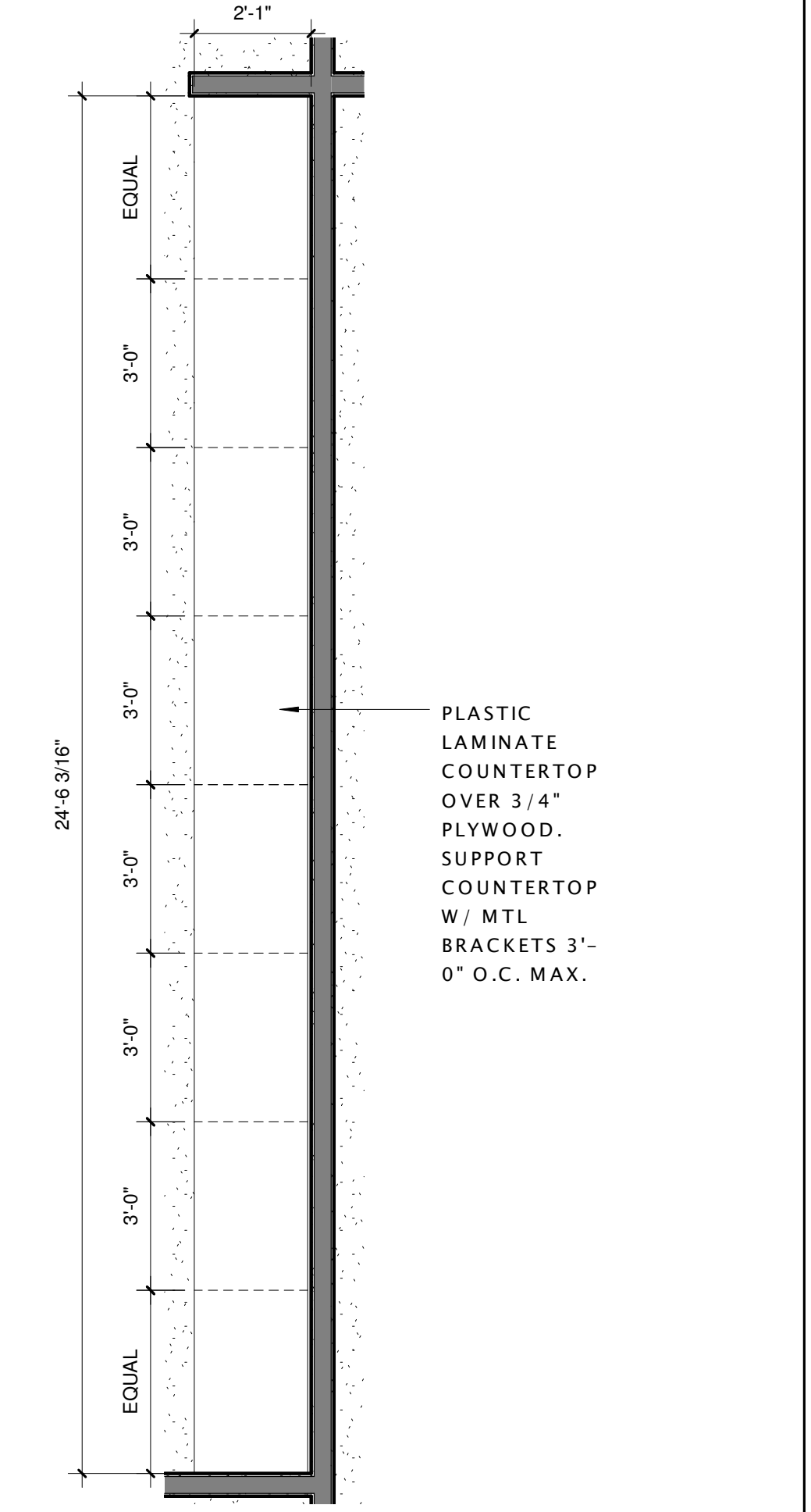
14 WORK ST. STANDING
A6.2 3/8" = 1'-0"



15 WORK ST. COUNTER
A6.2 3/8" = 1'-0"



16 WORK STATION WEST
A6.2 3/8" = 1'-0"



17 WORK STATION EAST
A6.2 3/8" = 1'-0"

LEON COUNTY
LIBRARY - LAKE
JACKSON BRANCH

0908.001

BID DOCUMENTS

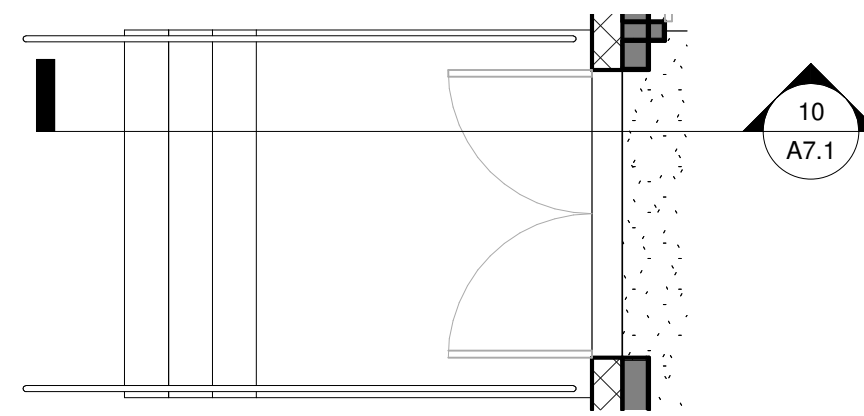
DOUG SHULER
dshuler@jparchitects.com

Phase	Drawn	Phase	Check	Date
AAB	SD	JOHNSON		06/23/10
DSHULER	50%DD	JOHNSON		10/15/10
DSHULER	100%DD	JOHNSON		12/08/10
DSHULER	50%CD	JOHNSON		03/08/11
DSHULER	PERMIT	JOHNSON		05/20/11
DSHULER	BID DOC	JOHNSON		08/31/11

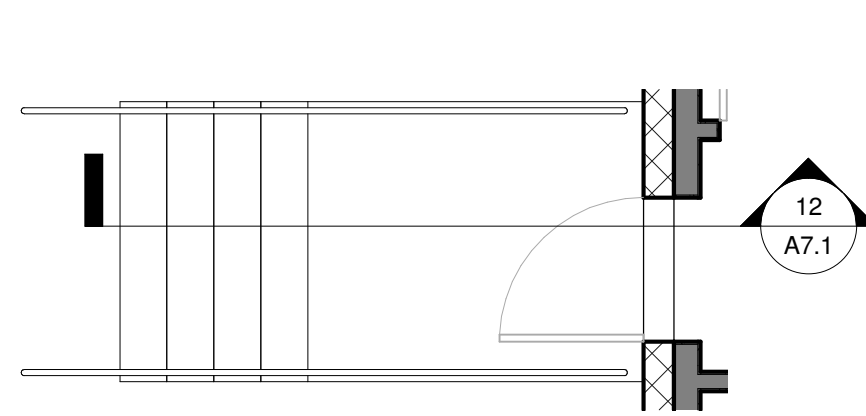
#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW

LIBRARY &
COMMUNITY ROOM
MILLWORK -
CABINERY

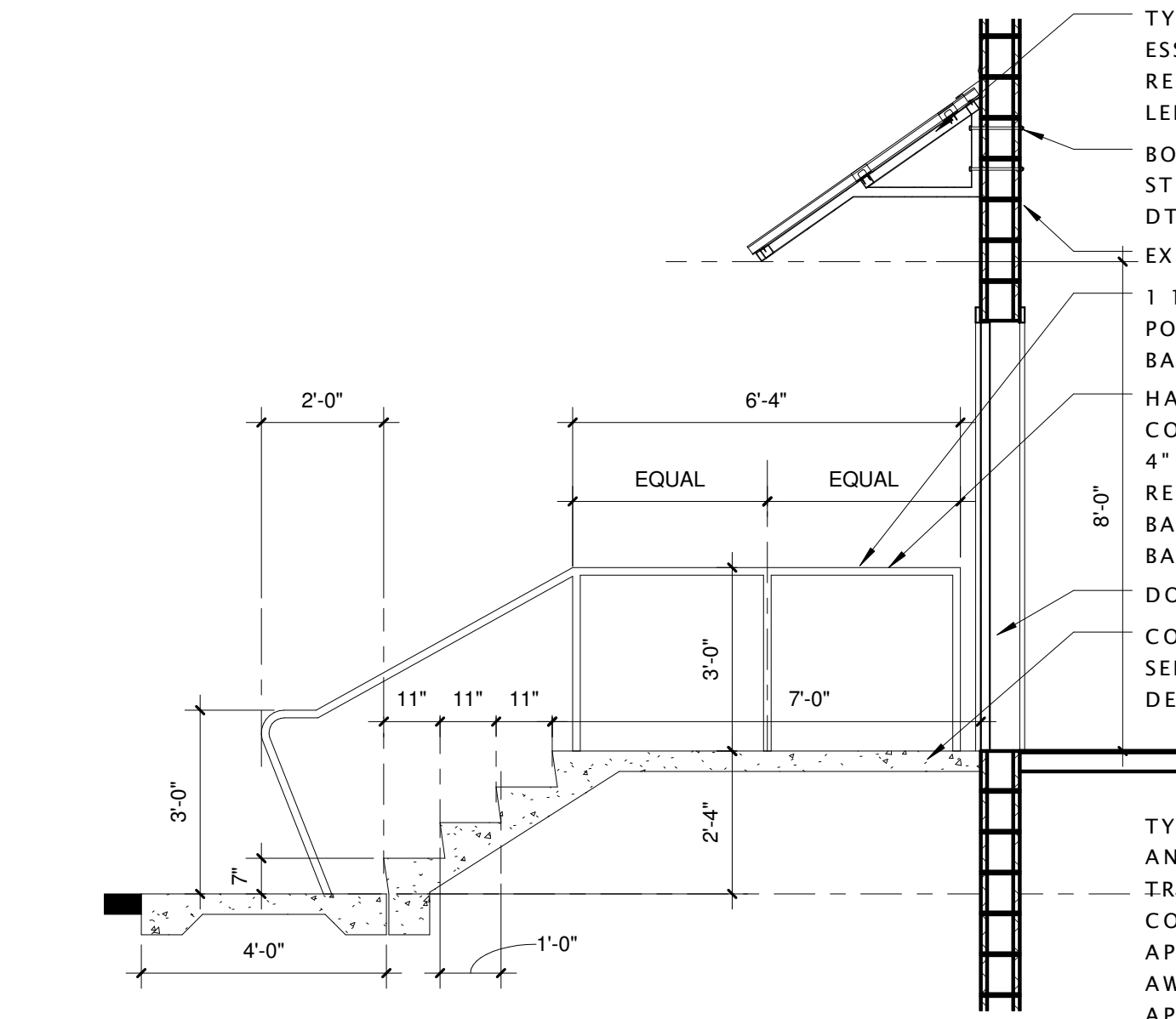
11 EXTERIOR STAIR - STAFF
A7.1 1/4" = 1'-0"



13 EXTERIOR STAIR - HALLWAY
A7.1 1/4" = 1'-0"



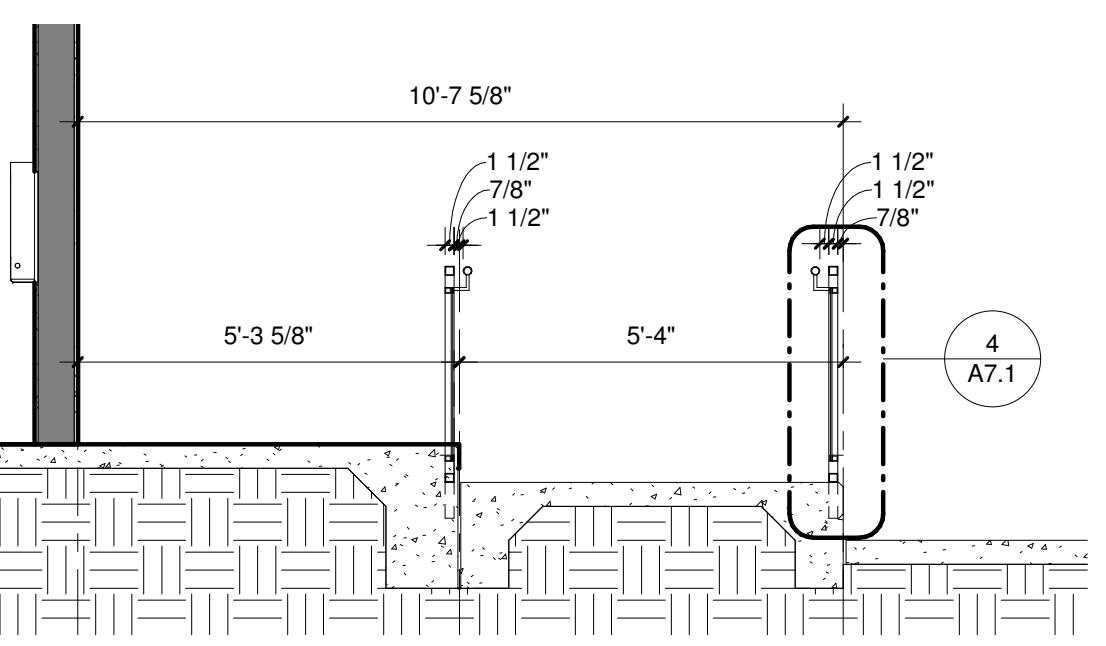
12 STAIR SECT AT HALLWAY
A7.1 3/8" = 1'-0"



TYP. AWNING. SEE 2/ASC3.1 & ESSC-2 FOR DTLS. SEE THE REFLECTED CEILING FOR AWNING LENGTHS.
BOLT ATTACHMENTS - SEE STRUCTURAL DWG ESSC-2 FOR DTLS.
EXISTING CMU BLOCK
1 1/2" ROUND STEEL HANDRAIL. POWDER COAT. HAND BRACKET BASIS DESIGN.
HANDRAIL TO BE INSERTED INTO CONCRETE. CORE DRILL A MIN OF 4" INTO SLAB, GROUT FLUSH WITH RESIN FILLER. PROVIDE BALUSTRADE POST BASE COVER. BASIS OF DESIGN S31 GROUP
DOOR 012.
CONCRETE LANDINGS AND STAIRS. SEE STRUCTURAL DWGS FOR DETAILS.

TYP. AT ALL CONCRETE LANDINGS AND APRONS. PROVIDE FLUSH TRANSITION FROM ASPHALT TO CONCRETE LANDINGS AND APRONS. ASPHALT SHALL SLOPE AWAY FROM THE LANDINGS OR APRONS NO GREATER THAN 2%.

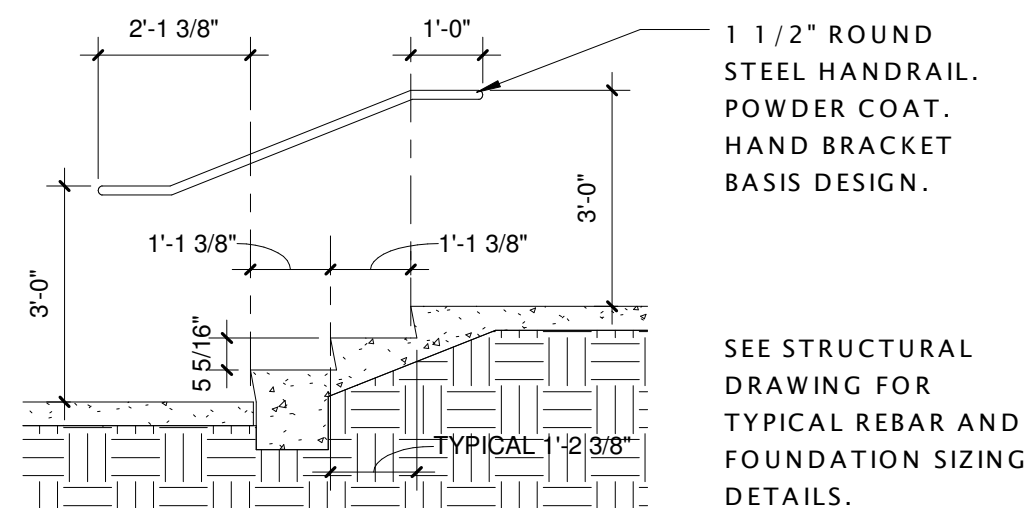
10 STAIR SECT AT STAFF WORK AREA
A7.1 3/8" = 1'-0"



6 INTERIOR RAMP SECTION
A7.1 3/8" = 1'-0"



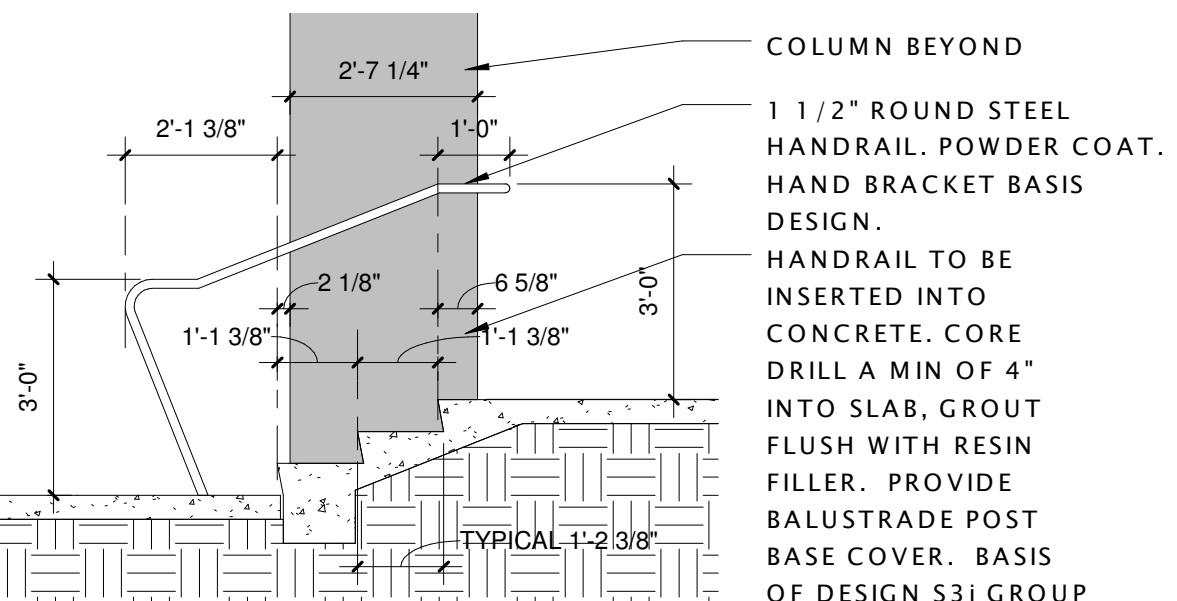
7 INTERIOR STAIR AT RAMP
A7.1 3/8" = 1'-0"



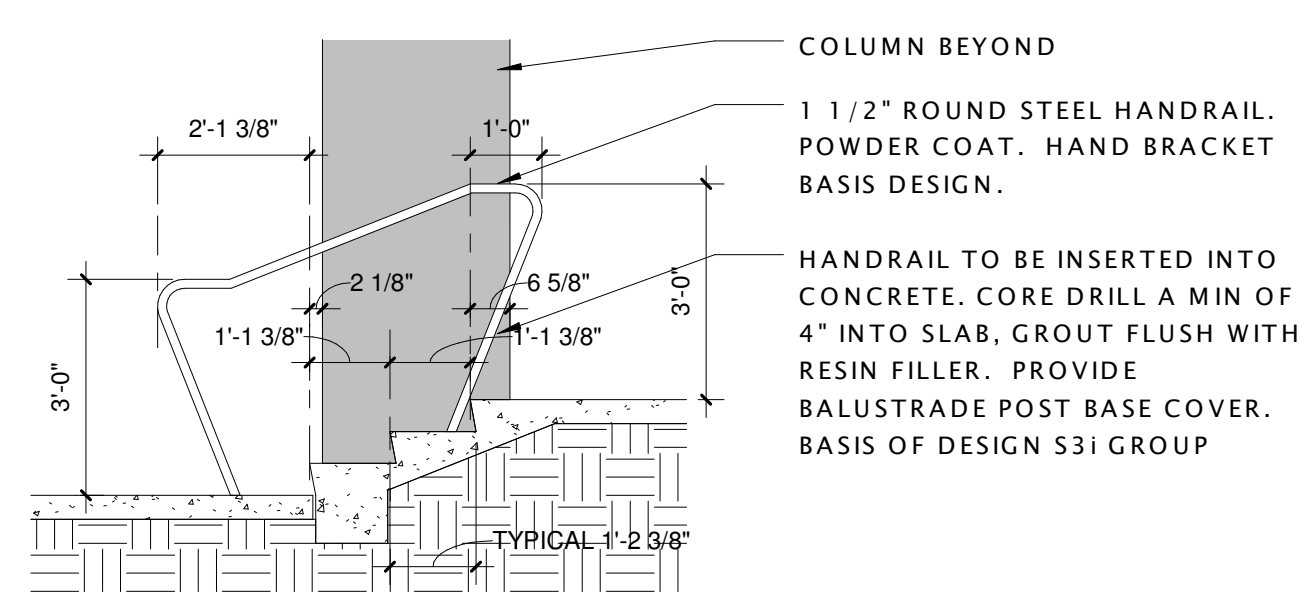
1 1/2" ROUND STEEL HANDRAIL. POWDER COAT. HAND BRACKET BASIS DESIGN.

SEE STRUCTURAL DRAWING FOR TYPICAL REBAR AND FOUNDATION SIZING DETAILS.

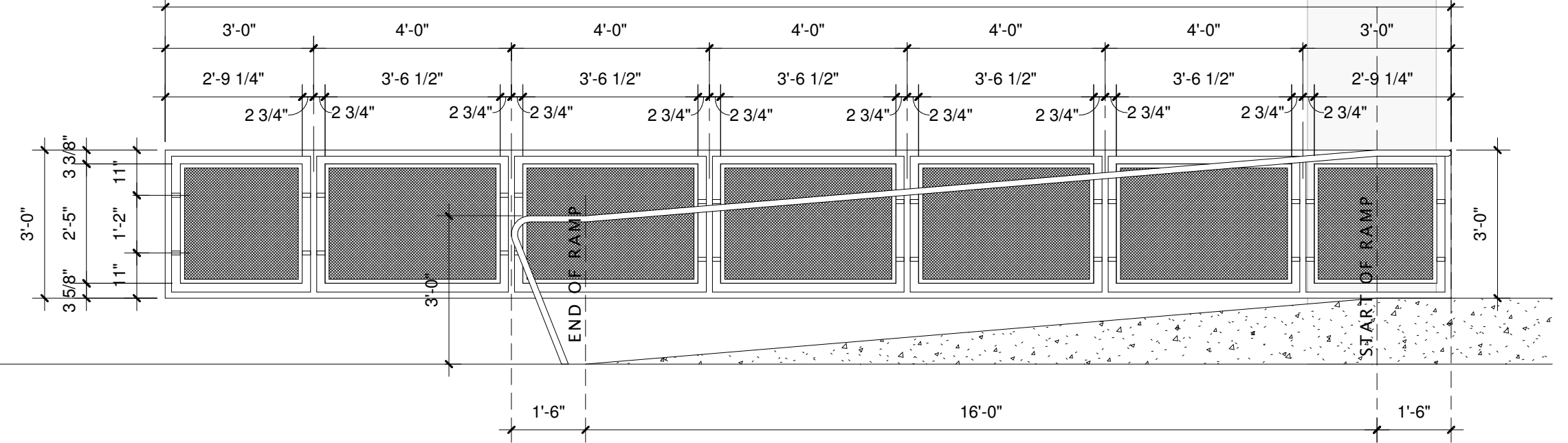
8 INT. STAIR AT COMM. RM. LOBBY
A7.1 3/8" = 1'-0"



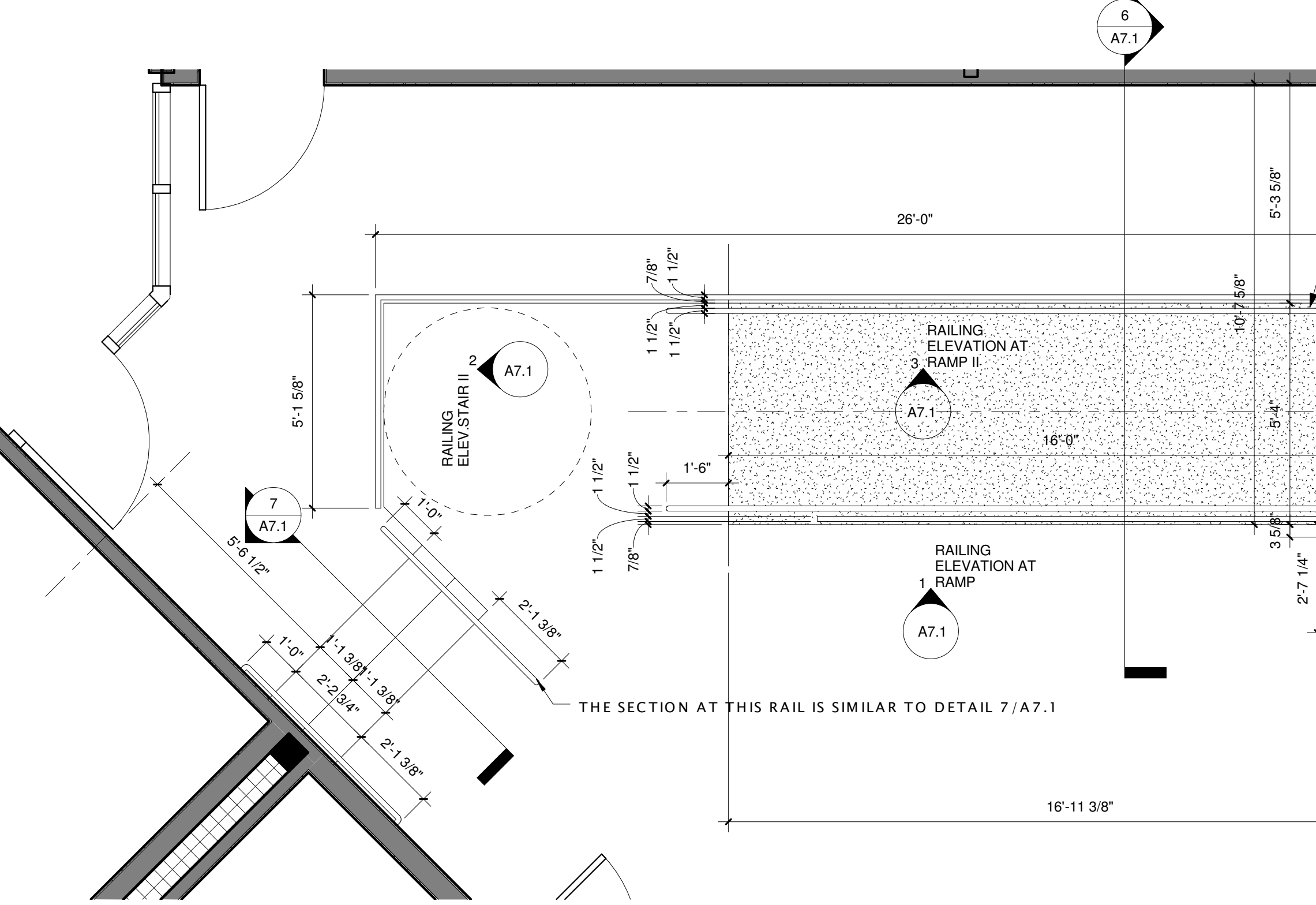
9 INT. INTERMEDIATE HR AT COMM. RM. LOBBY
A7.1 3/8" = 1'-0"



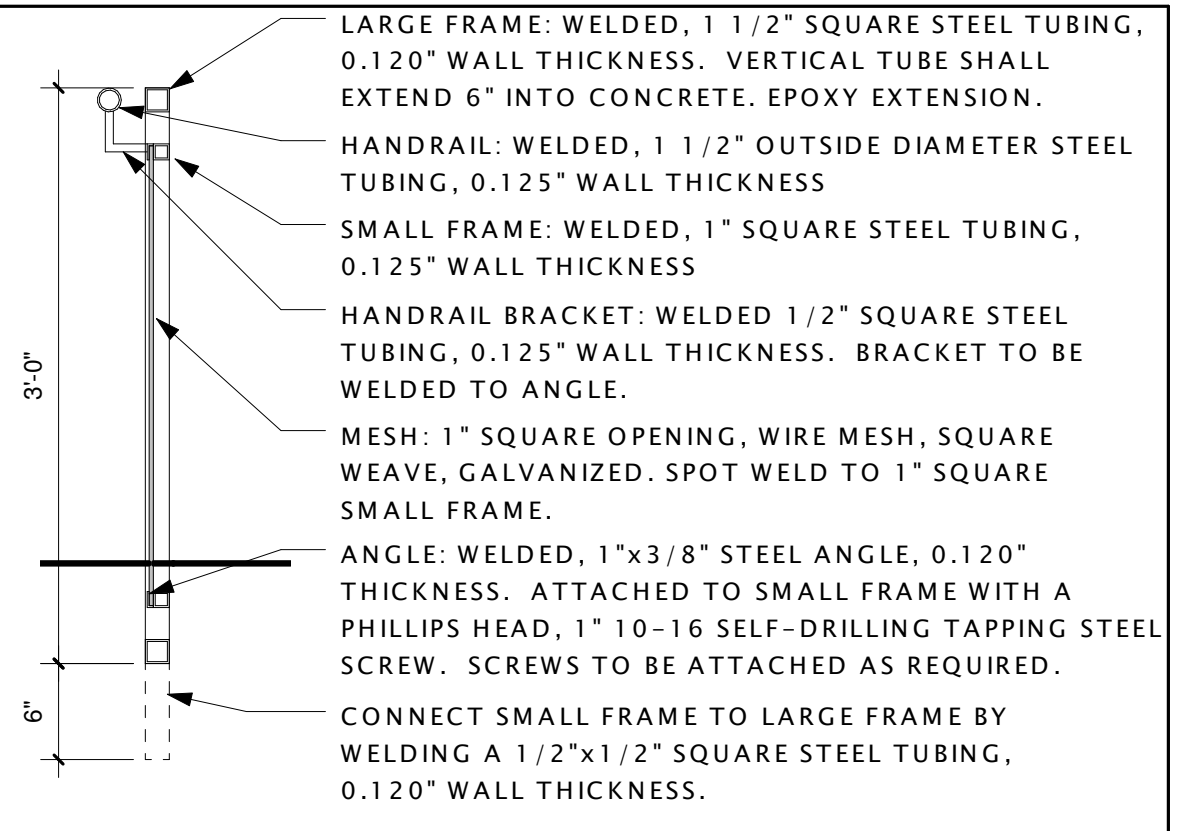
1 RAILING ELEVATION AT RAMP
A7.1 3/8" = 1'-0"



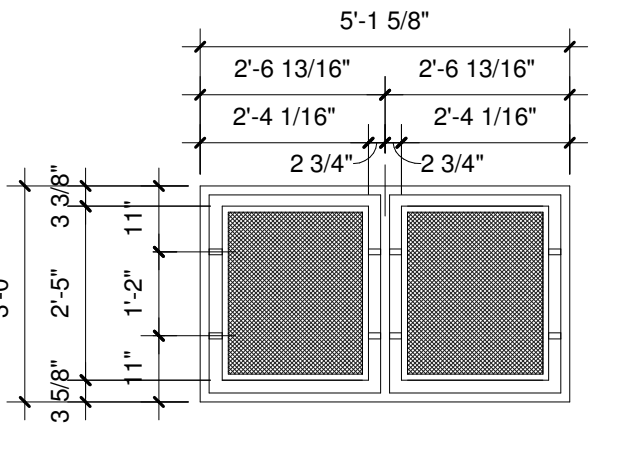
3 RAILING ELEVATION AT RAMP II
A7.1 3/8" = 1'-0"



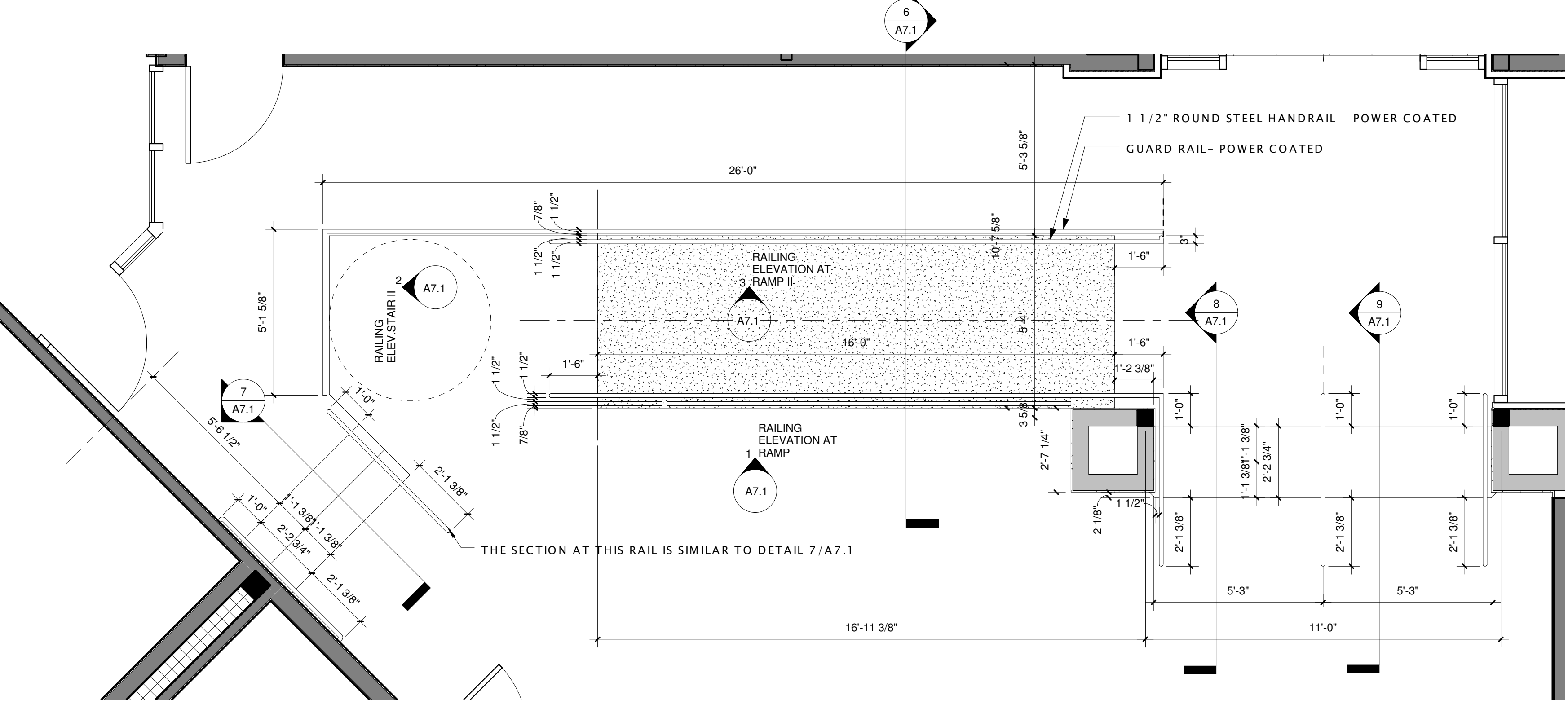
4 GUARDRAIL DETAIL
A7.1 1" = 1'-0"



2 RAILING ELEV. STAIR II
A7.1 3/8" = 1'-0"

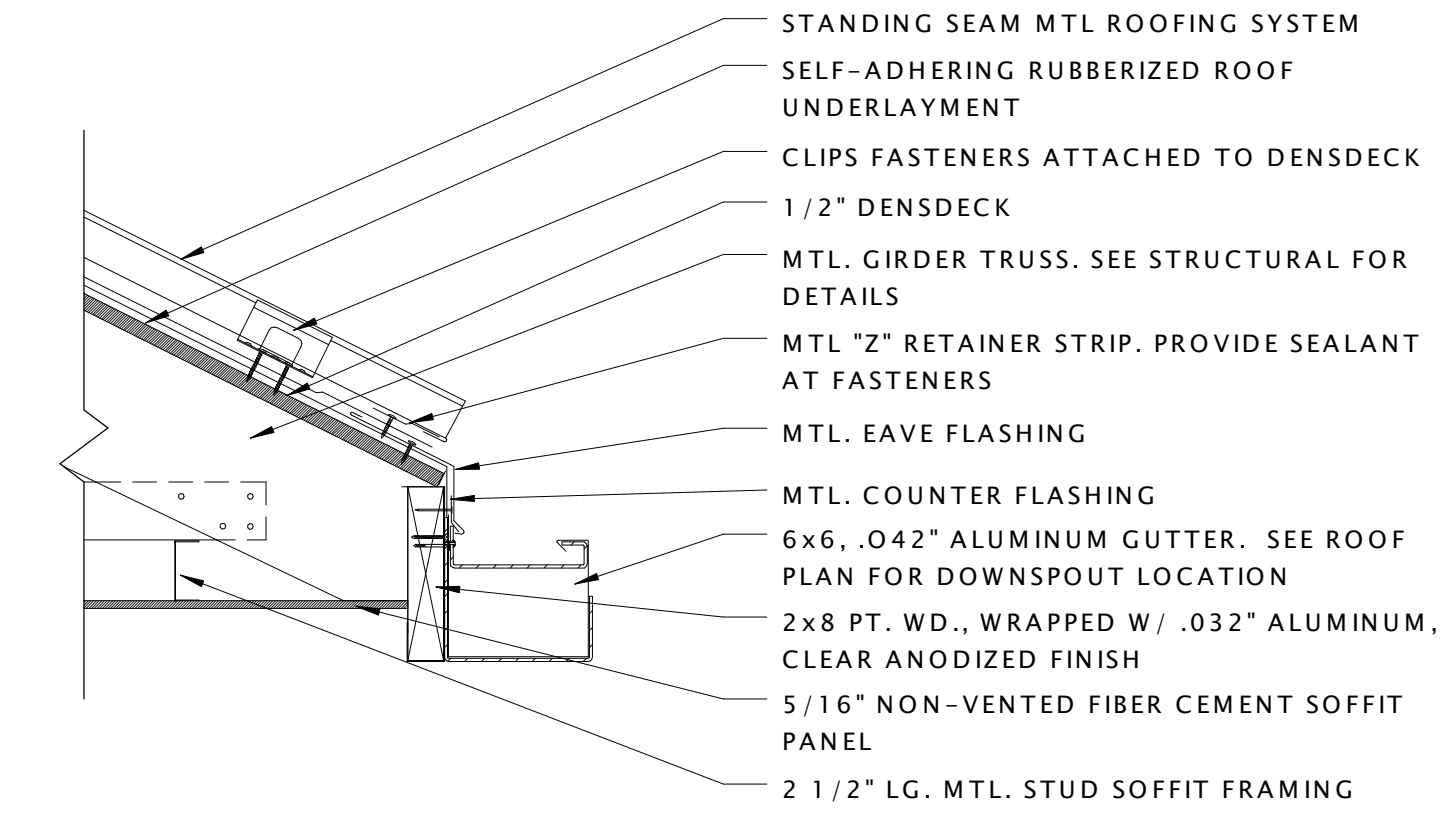
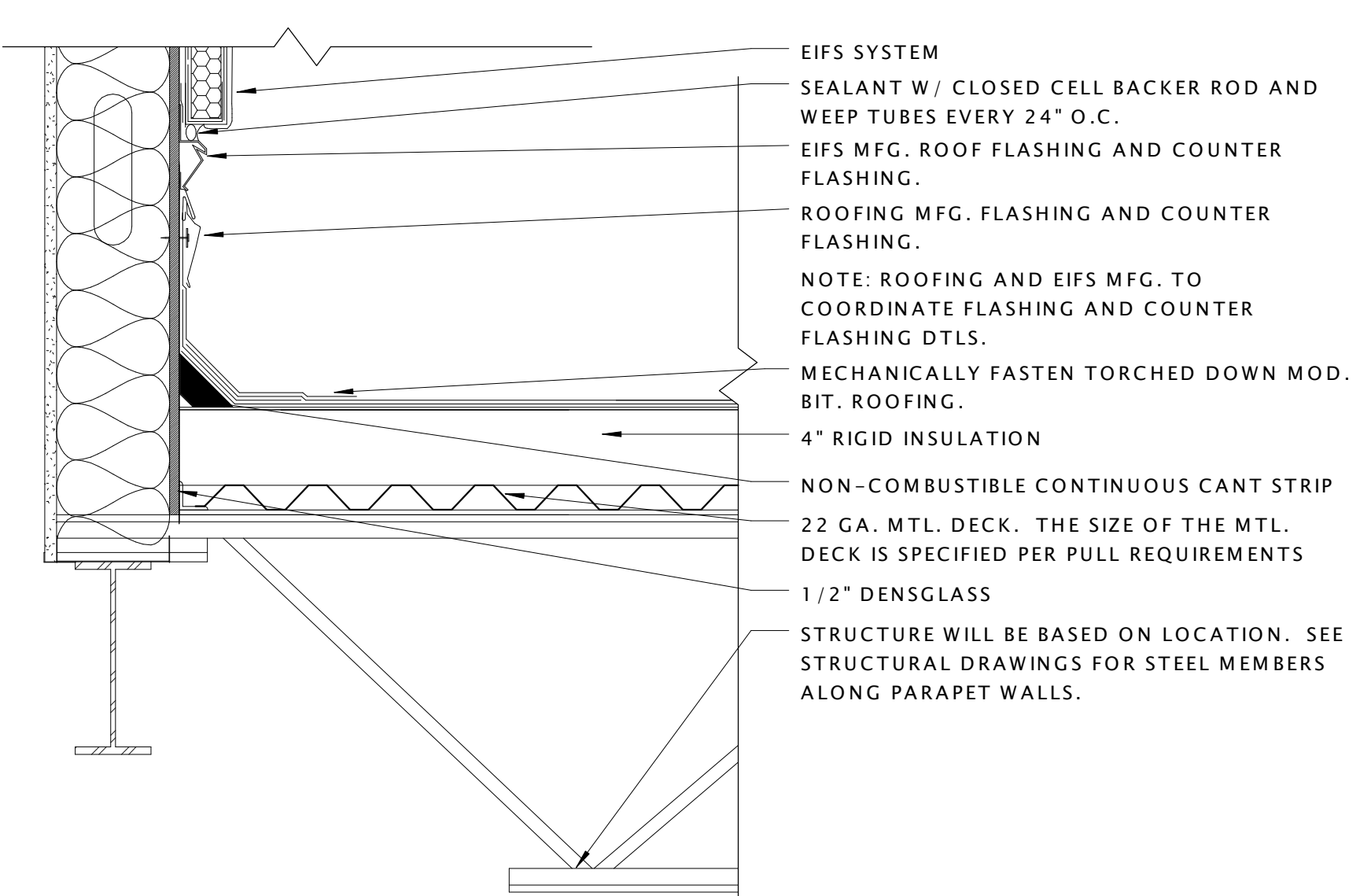
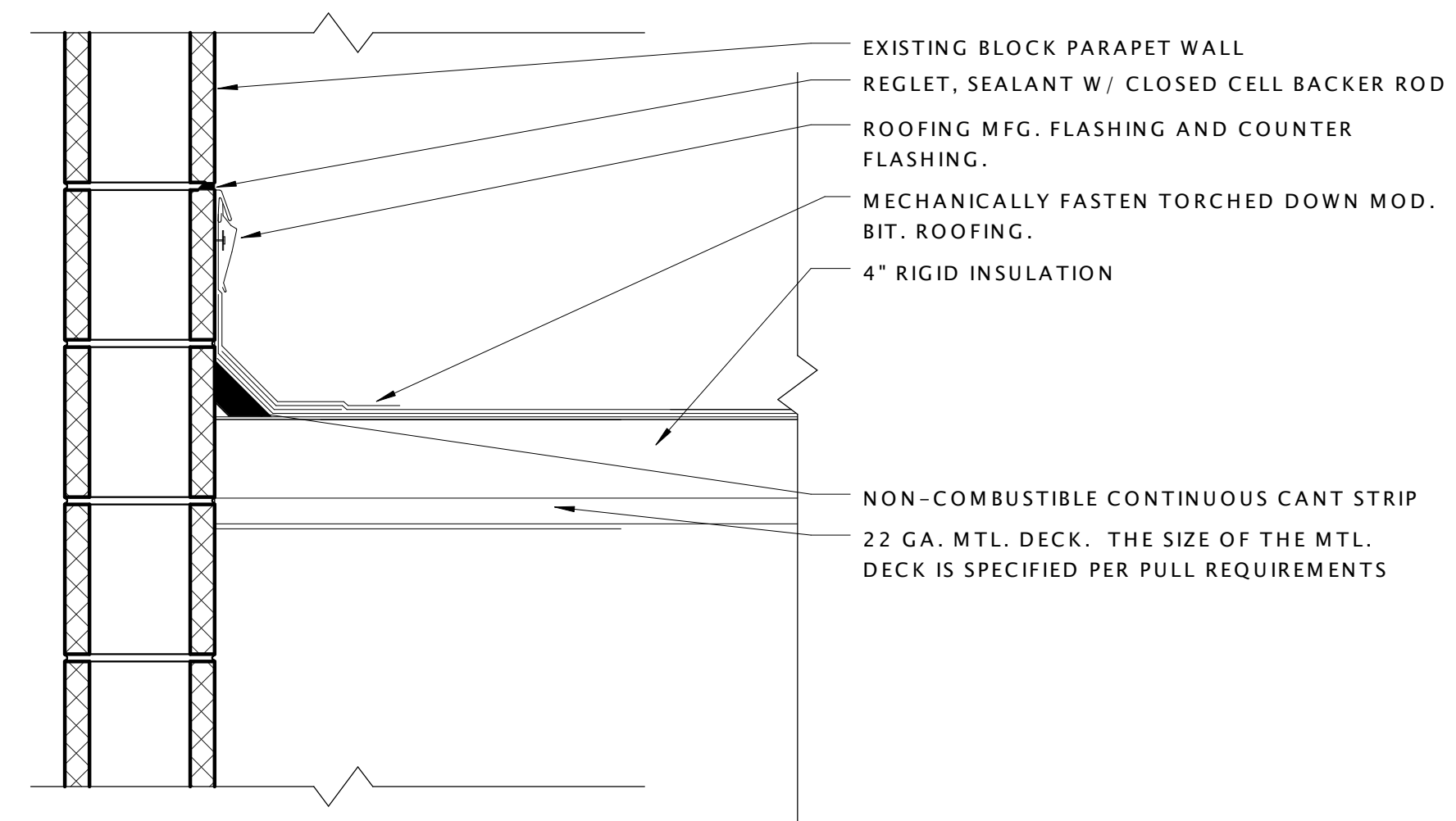


5 RAMP FLOOR PLAN
A7.1 3/8" = 1'-0"



DRAWN	PHASE	CHECK	DATE
AAB	SD	JOHNSON	06/25/10
DSHULER	50%DD	JOHNSON	10/15/10
DSHULER	100%DD	JOHNSON	12/08/10
DSHULER	50%CD	JOHNSON	03/08/11
DSHULER	PERMIT	JOHNSON	05/20/11
DSHULER	BID DOC	JOHNSON	08/31/11

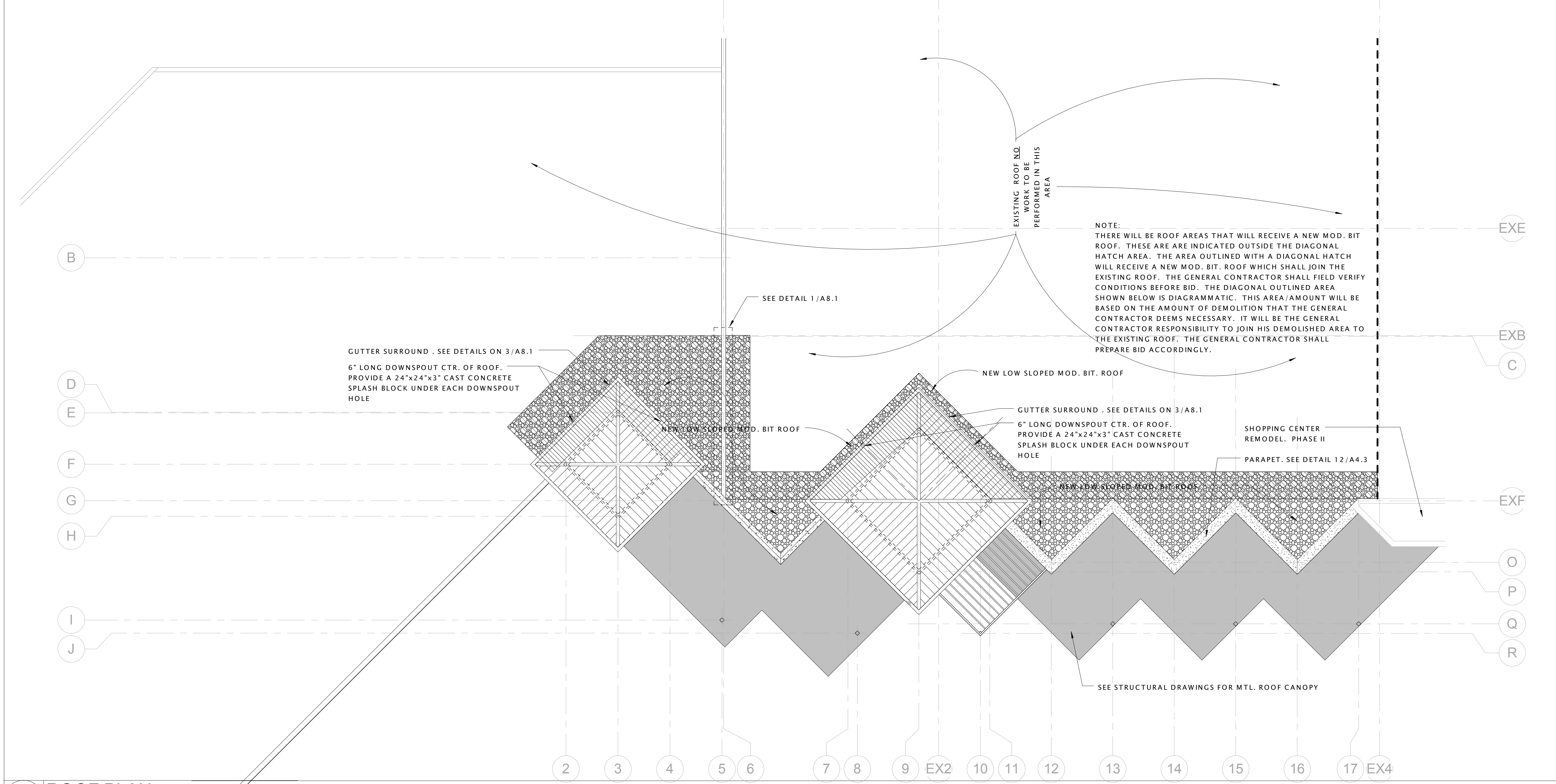
#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW



1 EXISTING PARAPET ROOFING DETAIL
A8.1 1 1/2" = 1'-0"

2 PARAPET ROOFING DETAIL
A8.1 1 1/2" = 1'-0"

3 TYPICAL GUTTER DETAIL
A8.1 1 1/2" = 1'-0"



4 ROOF PLAN
A8.1 1/8" = 1'-0"

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BRANCH

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DRAWN	PHASE	CHECK	DATE
AAB	SD	JOHNSON	06/25/10
DSHULER	50%DD	JOHNSON	10/15/10
DSHULER	100%DD	JOHNSON	12/08/10
DSHULER	50%CD	JOHNSON	03/08/11
DSHULER	PERMIT	JOHNSON	05/20/11

#	DATE	COMMENTS

ROOF PLAN

A8.1

ABBREVIATIONS

Table of abbreviations for architectural and structural terms, including A/C (Air Conditioner), AB (Anchor Bolt), AFF (Above Finished Floor), and others.

WIND LOAD DESIGN CRITERIA CONTINUED

OPEN BUILDING WIND PRESSURES

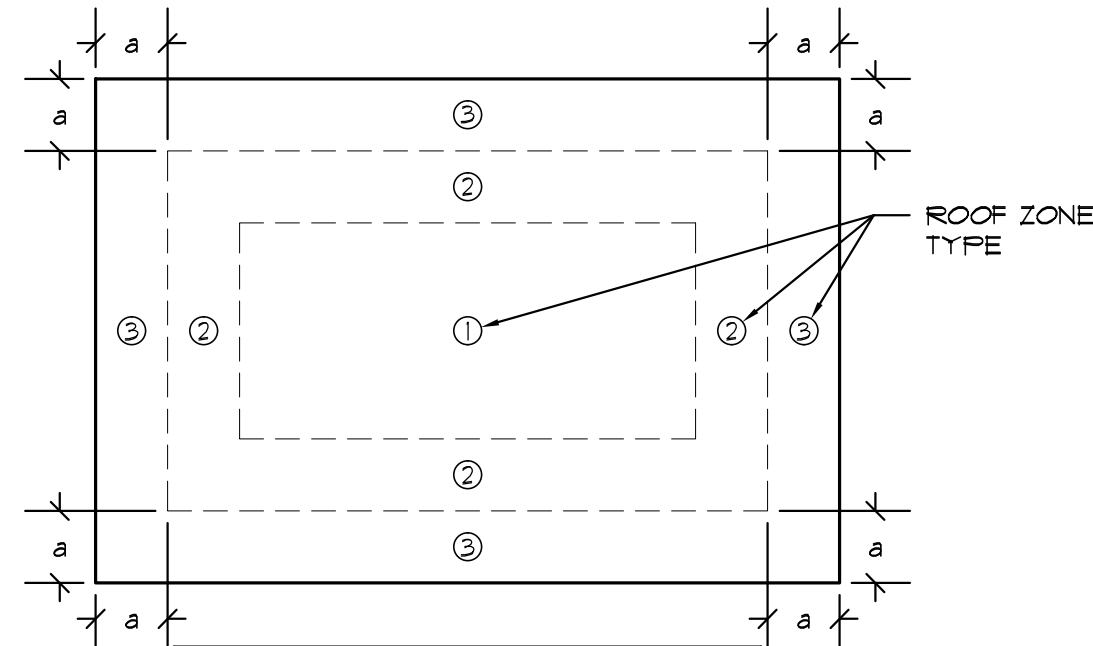


Table: COMPONENT & CLADDING LOADS - ROOF CLEAR WIND FLOW. Columns: ZONE (1) ROOF - INTERIOR, ZONE (2) ROOF - INTERIOR EDGE, ZONE (3) ROOF - EXTERIOR EDGE. Rows show pressure values for different wind directions and speeds.

GENERAL NOTES

- 1. THE GOVERNING CODE FOR THIS PROJECT IS THE FLORIDA BUILDING CODE, 2007 EDITION WITH 2009 SUPPLEMENTS... 2. TO THE BEST OF OUR KNOWLEDGE, THE STRUCTURAL DRAWINGS COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE GOVERNING BUILDING CODE... 3. CONSTRUCTION IS TO COMPLY WITH THE REQUIREMENTS OF THE GOVERNING BUILDING CODE AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL CODES, STANDARDS, REGULATIONS AND LAWS...

WIND LOAD DESIGN CRITERIA

Table: WIND LOAD DESIGN CRITERIA. Fields: GOVERNING CODE (ASCE 7-05), BUILDING TYPE (FULLY ENCLOSED), BUILDING CATEGORY (II), IMPORTANCE FACTOR (1.15), EXPOSURE CATEGORY (B), BASIC WIND SPEED (V = 110 MPH), INTERNAL PRESSURE COEFFICIENT (MONO SLOPED ROOF) (GCPI = +/- 0.18).

ENCLOSED BUILDING WIND PRESSURES

Table: COMPONENT & CLADDING LOADS - ROOF and WALLS. Columns: ZONE (1) ROOF - INTERIOR, ZONE (2) ROOF - INTERIOR EDGE, ZONE (3) ROOF - EXTERIOR EDGE, ZONE (4) WALLS - INTERIOR, ZONE (5) WALLS - CORNER. Rows show pressure values for different wind directions and speeds.

NOTE: FOR EFFECTIVE AREAS BETWEEN THOSE GIVEN ABOVE THE LOADS MAY BE INTERPOLATED. OTHERWISE USE THE LOAD ASSOCIATED WITH THE LOWER EFFECTIVE AREA.

DESIGN LOADS

Table: DESIGN LOADS. Columns: OCCUPANCY, LIVE LOAD, DEAD LOAD. Rows: ROOF (20 PSF), OFFICE (50 PSF), TRAINING AREA (75 PSF), PUBLIC CORRIDORS (80 PSF), ONE AND TWO FAMILY DWELLINGS (40 PSF), GUARDRAILS (200 LBS POINT OR 50 PLF).

SLAB ON GRADE

- 1. REFER TO GEO-TECHNICAL REPORT FOR SUB-GRADE PREPARATION MORE THAN 12" BELOW BOTTOM OF SLAB... 2. ABOVE SUB-GRADE, USE FILL CONTAINING NOT MORE THAN 10% PASSING #200 SIEVE AND MAXIMUM 1% COMPACT TO 98% OF MAXIMUM DRY DENSITY... 3. FILL PLACEMENT AND COMPACTION SHALL BE MONITORED AND ACCEPTED BY THE TESTING AGENCY... 4. FOR INTERIOR SLABS PLACE 6 MIL POLYETHYLENE SHEETING BETWEEN SOIL AND BOTTOM OF SLAB... 5. USE 6" THICK SLABS ON GRADE REINFORCED WITH 6x6 - W4 x W4 WELDED WIRE REINFORCEMENT SUPPLIED IN FLAT SHEETS ONLY... 6. PROVIDE CRACK CONTROL JOINTS AT 15 FEET MAXIMUM TO LIMIT AREAS BETWEEN JOINTS TO 225 SQ. FT. IN ALL FLOATING SLABS ON GRADE... 7. IN SIDEWALKS AND WALKWAYS, LOCATE ISOLATION JOINTS AT 20 FT. O.C. MAXIMUM SCORE AND TOOL BETWEEN ISOLATION JOINTS IN EQUAL BAYS OF 5 FT. OR LESS... 8. SEE THE ARCHITECTURAL DRAWINGS FOR SLAB ON GRADE DEPRESSIONS AND OTHER REQUIREMENTS.

LIGHT GAGE STEEL FRAMING (LTGFRM)

- 1. FABRICATE AND ERECT EXTERIOR STUD CONNECTION IN ACCORDANCE WITH THE GENERAL NOTES AND SPECIFICATION SECTION 05400 "COLD-FORMED METAL FRAMING"... 2. LIGHT GAGE STEEL FRAMING DETAILS SHOWN ON CONTRACT DOCUMENTS REPRESENT A MINIMUM DESIGN INTENT TO BE FOLLOWED... 3. SUBMIT COMPLETE SHOP DRAWINGS AND CALCULATIONS SHOWING METHOD OF FABRICATION, ERECTION PROCEDURES, ATTACHMENT OF THE SYSTEM TO THE BUILDING, JOINTS, CONNECTIONS AND FRAMING, CALCULATIONS AND SHOP DRAWINGS SHALL BE PREPARED, SIGNED AND SEALED BY A DELEGATED ENGINEER... 4. USE GALVANIZED STEEL "C" STUDS, TRACKS, ANGLES AND STRAPS AS SHOWN ON DRAWINGS... 5. MAXIMUM SPACING OF LATERAL BRIDGING FOR LTG FRM STUDS SHALL BE 5'-0" FOR SPANS GREATER THAN TEN (10) FEET AND MIDSPAN FOR SHORTER SPANS... 6. LTG FRM CONNECTIONS TO STRUCTURAL FRAMING SHALL BE CAPABLE OF WITHSTANDING A MINIMUM 250 POUNDS FORCE IN ANY DIRECTION... 7. DOOR AND WINDOW SILLS, HEADERS, AND JAMBS SHALL BE DESIGNED TO RESIST WIND FORCES ON TRIBUTARY WINDOWS AND DOORS AND TO TRANSMIT THESE FORCES TO THE PRIMARY STRUCTURAL FRAME... 8. SCREWS, WHERE REQUIRED, SHALL MEET THE MINIMUM REQUIREMENTS OF SAE J-429 GRADE 5 AND IF-105... 9. THE FOLLOWING ARE MINIMUM FASTENER REQUIREMENTS: A. LTG FRM TO LTG FRM... B. LTG FRM TO CONCRETE AND STRUCTURAL STEEL... 10. SPlicing of framing components, OTHER THAN THE CONTINUOUS TRACK AT THE TOP AND BOTTOM OF WALLS, IS NOT PERMITTED... MEMBER DEPTH: EXAMPLE: (6" = 600 X 1000 INCHES) ALL MEMBER DEPTHS ARE TAKEN IN 1/100 INCHES FOR ALL "I" SECTIONS, MEMBER DEPTH IS INSIDE TO INSIDE DIMENSION. FLANGE WIDTH: EXAMPLE: (15/16" = 1625 = 162 X 1/100 INCHES) ALL WIDTHS ARE TAKEN IN 1/100 INCHES.

EXCAVATION, BACKFILL AND DE-WATERING

- 1. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LOGGING, SHORING, AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STRESSES AND UTILITIES IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT AND OSHA REGULATIONS... 2. THE CONTRACTOR IS RESPONSIBLE FOR THE DISPOSAL OF ALL ACCUMULATED WATER IN A MANNER THAT DOES NOT INCONVENIENCE OR DAMAGE THE WORK.

SHALLOW FOUNDATIONS

- 1. FOUNDATION DESIGN, SOIL PREPARATION AND COMPACTION ARE BASED ON GEO-TECHNICAL INVESTIGATION DATA AND RECOMMENDATIONS IN FILE NO. 10-1314 BY ARDAMAN & ASSOCIATES, INC. DATED JULY 19, 2010... 2. FOOTING SIZES AND REINFORCING ARE BASED ON AN ALLOWABLE SOIL BEARING CAPACITY OF 1500 PSF... 3. SUB-GRADE PREPARATION SHALL BE FIELD CONTROLLED AND TESTED BY A LICENSED SOILS ENGINEER... 4. CENTER ALL FOOTINGS UNDER THEIR RESPECTIVE COLUMNS OR WALLS, U.O.N... 5. TOP OF ALL FOOTINGS IS NOTED ON THE DRAWINGS.

EXPANSION ANCHORS

- 1. USE WEDGE-TYPE EXPANSION ANCHORS SUCH AS THE HILTI KWIK BOLT II, ITW RAMSET RED HEAD BOLTS, POWERS RAWL POWER-STUD, OR ACCEPTED EQUIVALENT FOLLOW MANUFACTURER'S SPECIFICATIONS FOR USE AND INSTALLATION... 2. CONFIRM THE ABSENCE OF REINFORCING STEEL BY DRILLING A 1/2" PILOT HOLE FOR EACH ANCHOR DO NOT CUT REINFORCING STEEL WITHOUT APPROVAL OF THE STRUCTURAL ENGINEER... 3. PROVIDE ANCHOR EMBEDMENT, SPACING AND EDGE DISTANCE AS SHOWN ON THE DRAWINGS.

CHEMICAL ADHESIVE FOR ANCHOR BOLTS, REINFORCING BOLTS & THREADED BARS

- 1. USE AN EPOXY, ACRYLIC OR POLYESTER RESIN ADHESIVE SYSTEM SUCH AS THE POWERS RAWL POWER-FAST SYSTEM, HILTI HIT HYB, ITW RAMSET/RED HEAD EPCON AT OR C6 INJECTION SYSTEM, ALLIED FASTENER ALLIED GOLD A-1000, OR ACCEPTED EQUIVALENT... 2. CONFIRM THE ABSENCE OF REINFORCING STEEL BY DRILLING A 1/2" PILOT HOLE FOR EACH ANCHOR DO NOT CUT REINFORCING STEEL WITHOUT APPROVAL OF THE STRUCTURAL ENGINEER... 3. DRILL 1/8" LARGER HOLE THAN ANCHOR BOLT AND 3/8" LARGER HOLE THAN REINFORCING BAR THOROUGHLY CLEAN HOLE INCLUDING REMOVAL OF DUST PRIOR TO FILLING WITH EPOXY... 4. PROVIDE ANCHOR EMBEDMENT, SPACING AND EDGE DISTANCE AS SHOWN ON THE DRAWINGS... 5. THREADED RODS ARE A-36 GALVANIZED STEEL, U.O.N.

CONCRETE MASONRY

- 1. CONSTRUCT MASONRY IN ACCORDANCE WITH ACI 930/ASCE 5, "BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY" AND ACI 530.1/ASCE 6, "SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF LOAD BEARING CONCRETE MASONRY"... 2. USE 50% SOLID, NOMINAL 8x8x16, CONCRETE MASONRY UNITS CONFIRMING TO ASTM C90. LAY UP UNITS IN RUNNING BOND. SAW CUT UNITS WHICH ARE NOT IN MULTIPLES OF 8". UNITS SHALL BE AT LEAST 8" LONG, BAND CORNERS BY LAPPING ENDS 8" IN SUCCESSIVE VERTICAL COURSES... 3. USE TYPE S MORTAR IN ACCORDANCE WITH ASTM C270 EXCEPT USE TYPE M MORTAR BELOW GRADE... 4. USE STANDARD (3 GAGE) HORIZONTAL JOINT REINFORCING CONFORMING TO ASTM A-82 IN EVERY OTHER COURSE... 5. USE FINE GROUT CONFORMING TO ASTM C-416, WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI IN 28 DAYS... 6. USE ASTM A-615 GRADE 60 REINFORCING STEEL... 7. AT BOND/TIE BEAM CORNERS AND INTERSECTIONS, PLACE 1" 5 x 5'-0" T4B CORNER BAR... 8. BEAMS NOT SCHEDULED ARE MINIMUM 8" x 12" TIE BEAMS... 9. REINFORCED MASONRY WALL CONSTRUCTION SHALL BE INSPECTED BY AN ENGINEER OR ARCHITECT... 10. WHERE ANCHOR BOLTS, WEDGE ANCHORS OR ANCHORS SET IN EPOXY ARE SET IN A MASONRY WALL, FILL CELLS WITH GROUT FOR BOLTED COURSE... 11. PROVIDE LINTELS OR HEADERS WITH MINIMUM 8" BEARING OVER ALL MASONRY OPENINGS... 12. USE PRESSURE-TREATED WOOD FOR WOOD IN CONTACT WITH MASONRY... 13. THE STRUCTURE IS SUPPORTED BY BEARING WALLS, U.O.N.

REINFORCED CONCRETE

- 1. COMPLY WITH ACI 301 AND 318... 2. PROVIDE STRUCTURAL CONCRETE WITH A MINIMUM ULTIMATE COMPRESSIVE DESIGN STRENGTH IN 28 DAYS OF: A. SLAB ON GRADE (3000 PSI), B. FOUNDATION (3000 PSI), C. WALLS & SLABS (5000 PSI)... 3. USE NORMAL WEIGHT CONCRETE FOR ALL STRUCTURAL MEMBERS, U.O.N... 4. PROVIDE ASTM A-615 GRADE 60 REINFORCING STEEL... 5. PROVIDE COVER OVER REINFORCING AS FOLLOWS: A. CAST AGAINST & EXPOSED TO EARTH/WEATHER (3"), B. EXPOSED TO EARTH/WEATER (2"), C. THROUGH #8 REBAR (2"), D. #5 REBAR, #3/#3 WIRE OR SMALLER (1 1/2"), E. NOT EXPOSED TO EARTH/WEATHER (1 1/2"), F. #14 AND #16 REBAR (3/4"), G. #11 REBAR AND SMALLER (3/4"), H. BEAMS AND COLUMNS (1 1/2"), I. REIN, TIES, STIRRUPS, SPIRALS (1 1/2")... 6. WHERE SPECIFIED, PROVIDE FLAIN, COLD-DRAWN ELECTRICALLY-WELDED WIRE REINFORCEMENT CONFIRMING TO ASTM A-185... 7. UTILITIES SHALL NOT PENETRATE BEAMS OR COLUMNS BUT MAY PASS THROUGH SLABS AND WALLS INDIVIDUALLY... 8. WHERE REINFORCING STEEL CONGESTION PERMITS, CONDUIT AND PIPES UP TO 1 1/2" MAY BE EMBEDDED IN CONCRETE... 9. PROVIDE CONSTRUCTION JOINTS IN ACCORDANCE WITH ACI 318, SECTION 6.4... 10. PROVIDE REINFORCING STEEL PLACER WITH A SET OF STRUCTURAL DRAWINGS FOR FIELD REFERENCE.



Table: PHASE. Columns: DRAWN, CHECK, DATE. Rows: CR5 SD BVP 06/25/10, CR5 50% DD BVP 10/15/10, CR5 100% DD BVP 12/08/10, CR5 50% CD BVP 03/08/11, CR5 PERMIT BVP 05/20/11, CR5 BID DOC BVP 08/31/11

Table: # DATE COMMENTS

STRUCTURAL STEEL

1. FABRICATE AND ERECT STRUCTURAL STEEL IN CONFORMANCE WITH AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", WITH COMMENTARY, AND ALL OSHA REQUIREMENTS.
2. STRUCTURAL STEEL SHAPES SHALL BE FABRICATED FROM THE FOLLOWING MATERIALS:
 - A. ROLLED W AND WT SHAPES: ASTM A992, GRADE 50.
 - B. ROLLED M, S, C AND MC SHAPES AND ANGLES: ASTM A36, Fy=36 KSI.
 - C. PLATES AND BARS: ASTM A36, Fy=36 KSI.
 - D. COLD-FORMED HOLLOW STRUCTURAL SECTIONS (HSS):
 - E. ROUND SECTIONS: ASTM A500, GRADE C, Fy=46 KSI.
 - F. SQUARE AND RECTANGULAR SECTIONS: ASTM A500, GRADE B, Fy=46 KSI.
 - G. STEEL PIPE: ASTM A53, TYPE E OR S, GRADE B, Fy=35 KSI.
3. ALL SHOP AND FIELD WELDING SHALL CONFORM TO THE AISC D11 STRUCTURAL WELDING CODE BY THE AMERICAN WELDING SOCIETY. USE E70 SERIES WELDING ELECTRODES, U.O.N. WHERE NECESSARY, REMOVE GALVANIZING OR PRIMER PRIOR TO WELDING.
4. A325 BOLTS SHALL COMPLY WITH "SPECIFICATION FOR STRUCTURAL JOINTS USING: ASTM A325 OR A490 BOLTS", INCLUDING COMMENTARY.
 - A. TYP. BOLTS USED IN STRUCTURAL CONNECTIONS FOR THIS PROJECT ARE 3/4".
 - B. TIGHTEN BEARING-TYPE BOLTS (A-325N) TO THE SNUG TIGHT CONDITION AS FOLLOWS:
 - BOLTS SHALL BE PLACED IN ALL HOLES, WITH WASHERS POSITIONED AS REQUIRED AND NUTS THREADED TO COMPLETE THE ASSEMBLY.
 - COMPACTING THE JOINT TO THE SNUG-TIGHT CONDITION SHALL PROGRESS SYSTEMATICALLY FROM THE MOST RIGID PART OF THE JOINT.
 - THE SNUG-TIGHTENED CONDITION IS THE TIGHTNESS THAT IS ATTAINED A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH.
 - MORE THAN ONE CYCLE THROUGH THE BOLT PATTERN MAY BE REQUIRED TO ACHIEVE THE SNUG-TIGHTENED JOINT.
 - PROVIDE HARDENED WASHERS CONFORMING TO ASTM F436 AND PLACE UNDER THE PART BEING TURNED.
 - DO NOT REUSE OR RETIGHTEN BOLTS WHICH HAVE BEEN FULLY TIGHTENED.
 - USE ONLY NON-GALVANIZED NUTS AND BOLTS THAT ARE CLEAN, RUST-FREE, AND WELL LUBRICATED. BOLTS AND NUTS SHALL BE WAX DIPPED BY THE BOLT SUPPLIER OR LUBRICATED WITH JOHNSON'S STICK WAX 140.
 - CLEANING AND LUBRICATION OF ASTM F1552 TWIST-OFF-TYPE TENSION-CONTROL BOLTS IS NOT PERMITTED.
 - STORE FASTENER COMPONENTS IN SEALED CONTAINERS UNTIL READY FOR USE. RESEAL OPEN CONTAINERS TO PREVENT CONTAMINATION BY MOISTURE OR OTHER DELETERIOUS SUBSTANCES. STORE CLOSED CONTAINERS FROM DIRT AND MOISTURE IN A PROTECTIVE SHELTER. TAKE FROM PROTECTIVE STORAGE ONLY AS MANY FASTENER COMPONENTS AS ARE ANTICIPATED TO BE INSTALLED DURING THE WORK SHIFT.
 - FASTENER COMPONENTS THAT ARE NOT INCORPORATED INTO THE WORK SHALL BE RETURNED TO PROTECTIVE STORAGE AT THE END OF THE WORK SHIFT.
 - FASTENERS FROM OPEN CONTAINERS AND FASTENERS THAT ACCUMULATE RUST OR DIRT SHALL NOT BE USED AND SHALL BE IMMEDIATELY AND PERMANENTLY REMOVED FROM THE PROJECT SITE.
 - USE A-307 BOLTS FOR ALL ERECTION BOLTS AND BOLTS LESS THAN 3/4" φ, U.O.N.
 - ANCHOR RODS SHALL BE ASTM F1554 GRADE 55 WITH SUPPLEMENTARY
5. ANCHOR RODS- UNLESS INDICATED OTHERWISE IN THE COLUMN SCHEDULE OR ON THE DRAWINGS, ANCHOR RODS SHALL CONFORM TO ASTM F1544, GRADE 55 AND THE SIZE SHALL BE 3/4" AND SHALL BE EMBEDDED INTO THE CONCRETE FOUNDATION A DISTANCE OF 1'-0" WITH A HEAVY HEX NUT AT THE EMBEDDED END. STRIKE BOLT THREADS AT THE EMBEDDED END TWO PLACES BELOW THE NUT.
6. SETTING BASE AND BEARING PLATES:
 - A. CLEAN CONCRETE AND MASONRY BEARING SURFACE OF BOND-REDUCING MATERIALS AND CLEAN BOTTOM OF BASE AND BEARING PLATE.
 - B. SET BASE OR BEARING PLATE ON WEDGE OR OTHER ADJUSTING DEVICES.
 - C. TIGHTEN ANCHOR RODS AFTER STRUCTURAL STEEL FRAME HAS BEEN PLUMBED. DO NOT REMOVE WEDGES OR SHIMS BUT, IF PROTRUDING, CUT OFF FLUSH WITH EDGE OF BASE OR BEARING PLATE PRIOR TO PACKING WITH GROUT.
 - D. PACK OR FOUR NON-SHRINK GROUT SOLIDLY BETWEEN BEARING SURFACE AND BASE OR BEARING PLATE. ENSURE THAT NO VOIDS REMAIN. FINISH EXPOSED SURFACES, PROTECT GROUT AND ALLOW TO CURE.
 - E. FOR PROPRIETARY GROUT MATERIALS, COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
 - F. BASE PLATES MUST BE GROUTED A MINIMUM OF 12 HOURS PRIOR TO PLACING CONCRETE SLABS ON SUPPORTING STEEL STRUCTURE.
7. CUT, DRILL, OR PUNCH HOLES PERPENDICULAR TO METAL SURFACES. REAM HOLES THAT MUST BE ENLARGED TO ADMIT BOLTS AS PERMITTED BY ARCHITECT. DO NOT ENLARGE UNFAIR HOLES BY BURNING OR USING DRIFT PINS.
8. DO NOT SPLICE STRUCTURAL STEEL MEMBERS EXCEPT WHERE INDICATED ON THE DRAWINGS.
9. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR MISCELLANEOUS STEEL NOT SHOWN ON THE STRUCTURAL DRAWINGS.
10. REFER TO ARCHITECTURAL DRAWINGS AND PROJECT SPECIFICATIONS FOR PAINTING AND FIREPROOFING OF STRUCTURAL STEEL. DO NOT PAINT STEEL SURFACES IN CONTACT WITH CONCRETE OR FIREPROOFING.

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TALLAHASSEE, FLORIDA 32303
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3494 MARTIN HURST RD.
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FAX 850.297.0697

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LEON COUNTY
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0908.001

PERMIT
DOCUMENTS

DOUG SHULER
dshuler@jparchitects.com

Phase	Drawn	Phase	Check	Date
GRS	SD	BVP		06/25/10
GRS	50% DD	BVP		10/15/10
GRS	100% DD	BVP		12/08/10
GRS	50% CD	BVP		03/08/11
GRS	PERMIT	BVP		05/20/11
GRS	BID DOC.	BVP		08/31/11

#	DATE	COMMENTS

Douglas R. Barkley M.S., P.E.
FL P.E. # 49090

GENERAL NOTES

S0.2



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GRS	50% CD	BVP		03/08/11
GRS	PERMIT	BVP		05/20/11
GRS	BID DOC.	BVP		08/31/11

DATE	COMMENTS
08/07/11	AS PER ARCH COMMENTS

Douglas R. Barkley M.S., P.E.
FL P.E. # 49090

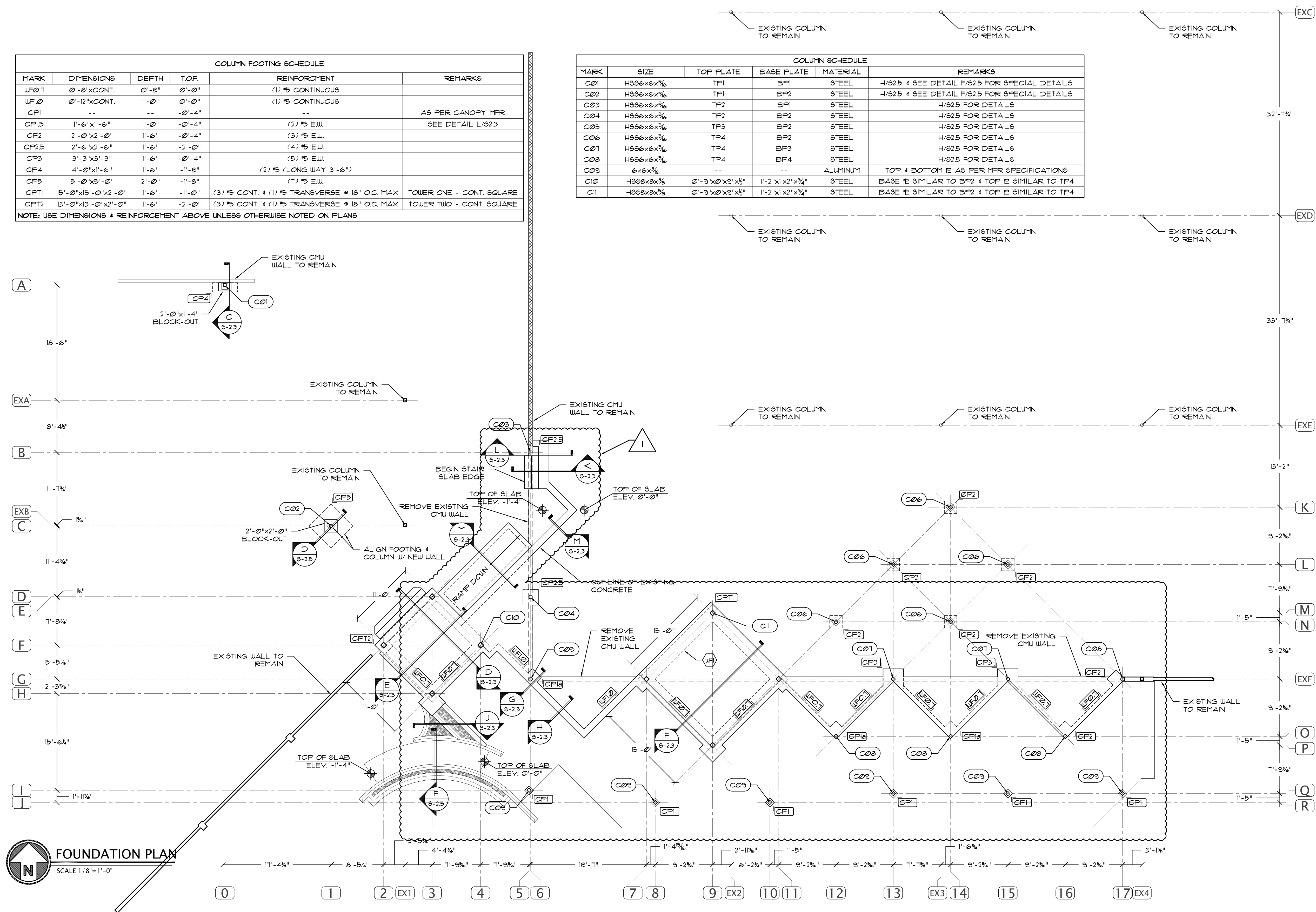
OVERALL
FOUNDATION
PLAN

S1.1

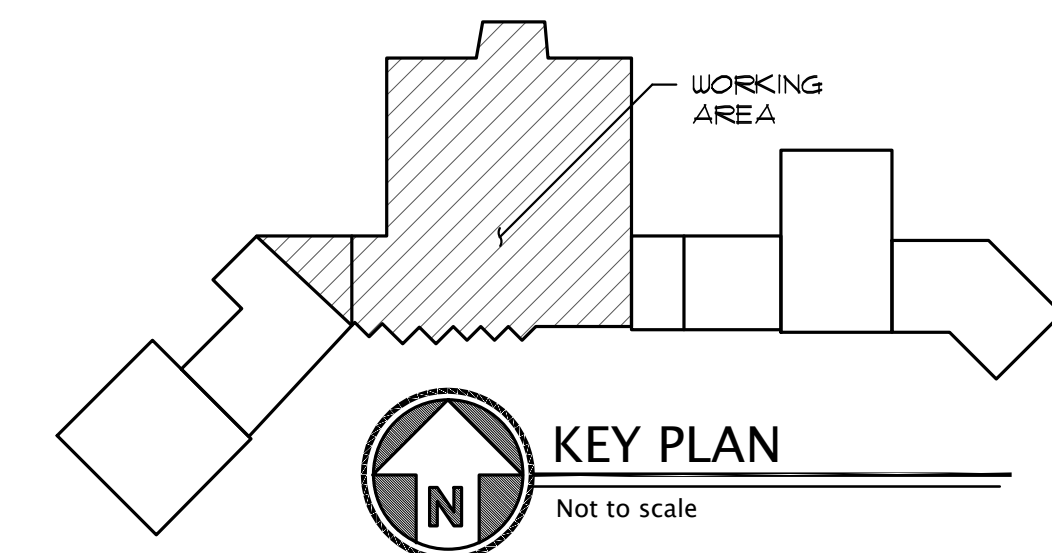
COLUMN FOOTING SCHEDULE					
MARK	DIMENSIONS	DEPTH	T.O.F.	REINFORCEMENT	REMARKS
UF0.1	0'-8" x CONT.	0'-8"	0'-0"	(1) #5 CONTINUOUS	
UF1.0	0'-12" x CONT.	1'-0"	0'-0"	(1) #5 CONTINUOUS	
CP1	--	--	0'-4"	--	AS PER CANOPY MFR SEE DETAIL L/82.3
CP1.5	1'-6" x 1'-6"	1'-0"	0'-4"	(2) #5 E.W.	
CP2	2'-0" x 2'-0"	1'-6"	0'-4"	(3) #5 E.W.	
CP2.5	2'-6" x 2'-6"	1'-6"	2'-0"	(4) #5 E.W.	
CP3	3'-3" x 3'-3"	1'-6"	0'-4"	(5) #5 E.W.	
CP4	4'-0" x 1'-6"	1'-6"	1'-8"	(2) #5 (LONG WAY 3'-6")	
CP5	5'-0" x 5'-0"	2'-0"	1'-8"	(7) #5 E.W.	
CPT1	15'-0" x 15'-0" x 2'-0"	1'-6"	1'-0"	(3) #5 CONT. & (1) #5 TRANSVERSE @ 18" O.C. MAX	TOWER ONE - CONT. SQUARE
CPT2	13'-0" x 13'-0" x 2'-0"	1'-6"	2'-0"	(3) #5 CONT. & (1) #5 TRANSVERSE @ 18" O.C. MAX	TOWER TWO - CONT. SQUARE

NOTE: USE DIMENSIONS & REINFORCEMENT ABOVE UNLESS OTHERWISE NOTED ON PLANS

COLUMN SCHEDULE					
MARK	SIZE	TOP PLATE	BASE PLATE	MATERIAL	REMARKS
C01	HSS6x6x3/8	TP1	BP1	STEEL	H/82.5 & SEE DETAIL F/82.5 FOR SPECIAL DETAILS
C02	HSS6x6x3/8	TP1	BP2	STEEL	H/82.5 & SEE DETAIL F/82.5 FOR SPECIAL DETAILS
C03	HSS6x6x3/8	TP2	BP1	STEEL	H/82.5 FOR DETAILS
C04	HSS6x6x3/8	TP2	BP2	STEEL	H/82.5 FOR DETAILS
C05	HSS6x6x3/8	TP3	BP2	STEEL	H/82.5 FOR DETAILS
C06	HSS6x6x3/8	TP4	BP2	STEEL	H/82.5 FOR DETAILS
C07	HSS6x6x3/8	TP4	BP3	STEEL	H/82.5 FOR DETAILS
C08	HSS6x6x3/8	TP4	BP4	STEEL	H/82.5 FOR DETAILS
C09	6x6x3/8	--	--	ALUMINUM	TOP & BOTTOM IE AS PER MFR SPECIFICATIONS
C10	HSS8x8x3/8	0'-9" x 0' x 3"x3/8"	1'-2" x 1' x 2"x3/8"	STEEL	BASE IE SIMILAR TO BP2 & TOP IE SIMILAR TO TP4
C11	HSS8x8x3/8	0'-9" x 0' x 3"x3/8"	1'-2" x 1' x 2"x3/8"	STEEL	BASE IE SIMILAR TO BP2 & TOP IE SIMILAR TO TP4



FOUNDATION PLAN
SCALE 1/8"=1'-0"



P:\10-0000-001\9910-00042 Structural\511.dwg, 5-11-8:31:2011 1:52:57 PM, gsbw@jc.com



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PERMIT
DOCUMENTS

DOUG SHULER
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Phase	Drawn	Phase	Check	Date
CRS	SD	BVP		06/25/10
CRS	50% DD	BVP		10/15/10
CRS	100% DD	BVP		12/08/10
CRS	50% CD	BVP		03/08/11
CRS	PERMIT	BVP		05/20/11
CRS	BID DOC.	BVP		08/31/11

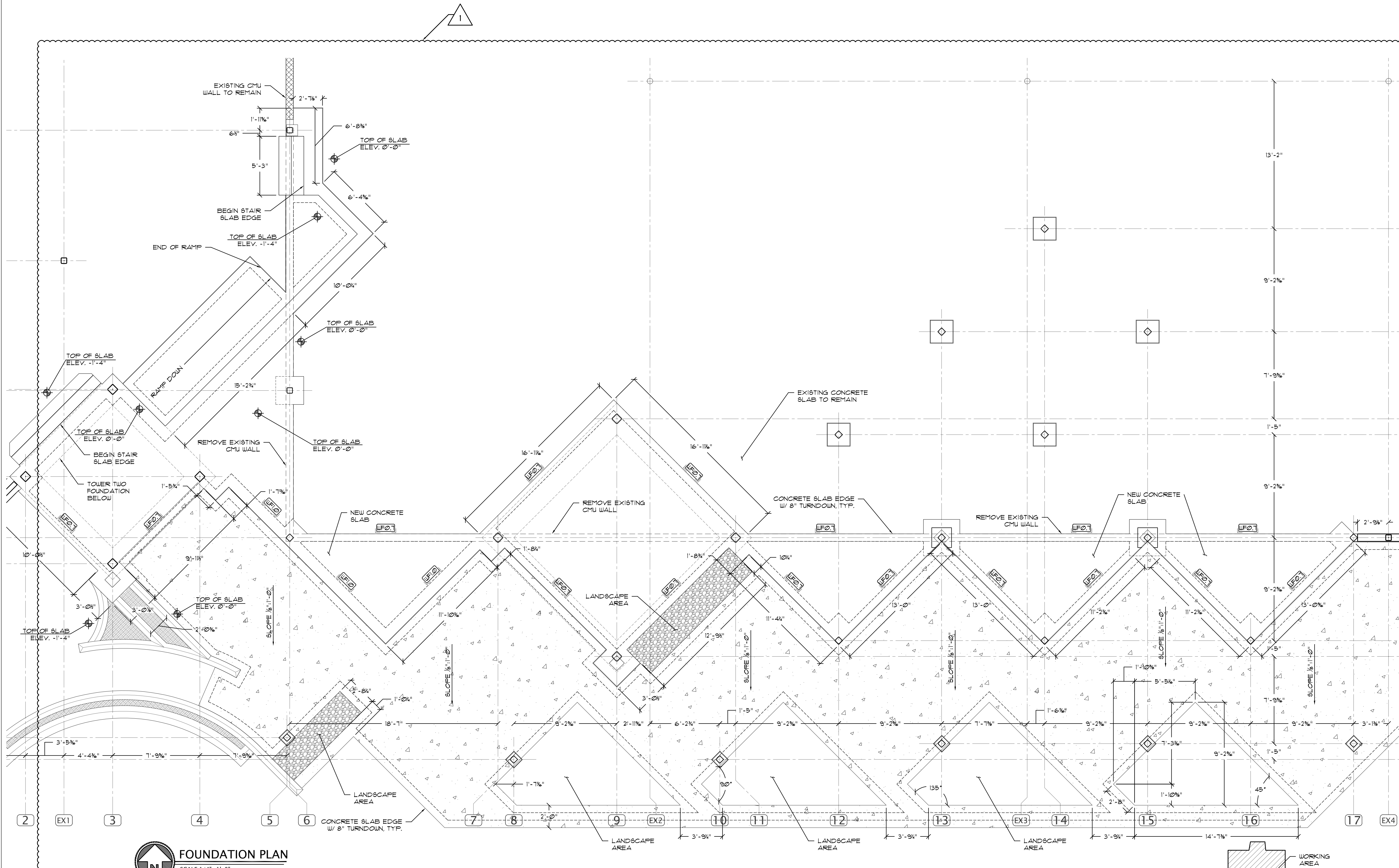
DATE	COMMENTS
08/07/11	AS PER ARCH COMMENTS

Revisions	Comments

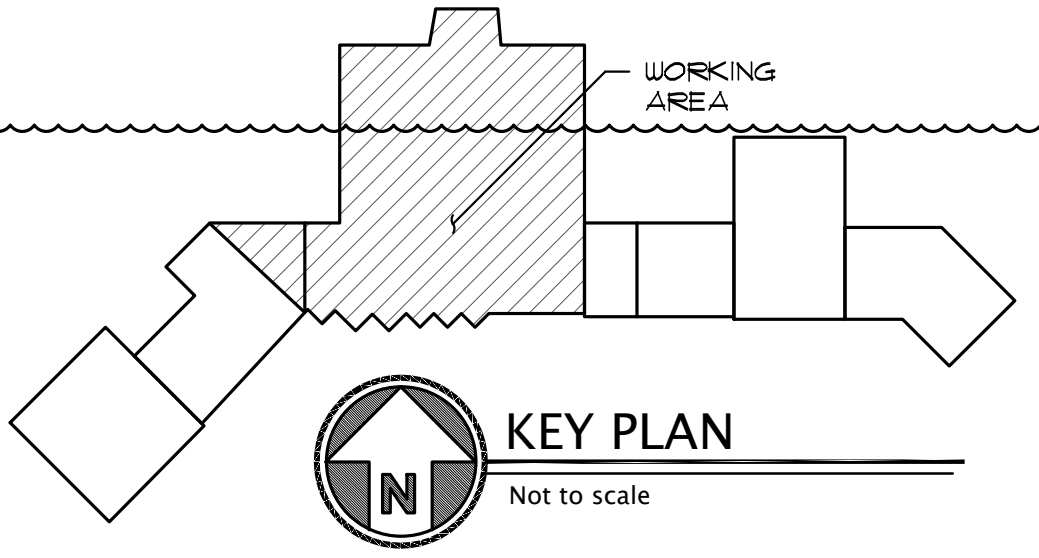
Douglas R. Barkley M.S., P.E.
FL P.E. # 49090

FOUNDATION
PLAN

S1.2



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



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DOCUMENTS

DOUG SHULER
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Phase	Drawn	Phase	Check	Date
GRS	SD	BVP		06/25/10
GRS	50% DD	BVP		10/15/10
GRS	100% DD	BVP		12/08/10
GRS	50% CD	BVP		03/08/11
GRS	PERMIT	BVP		05/20/11
GRS	BID DOC.	BVP		08/31/11

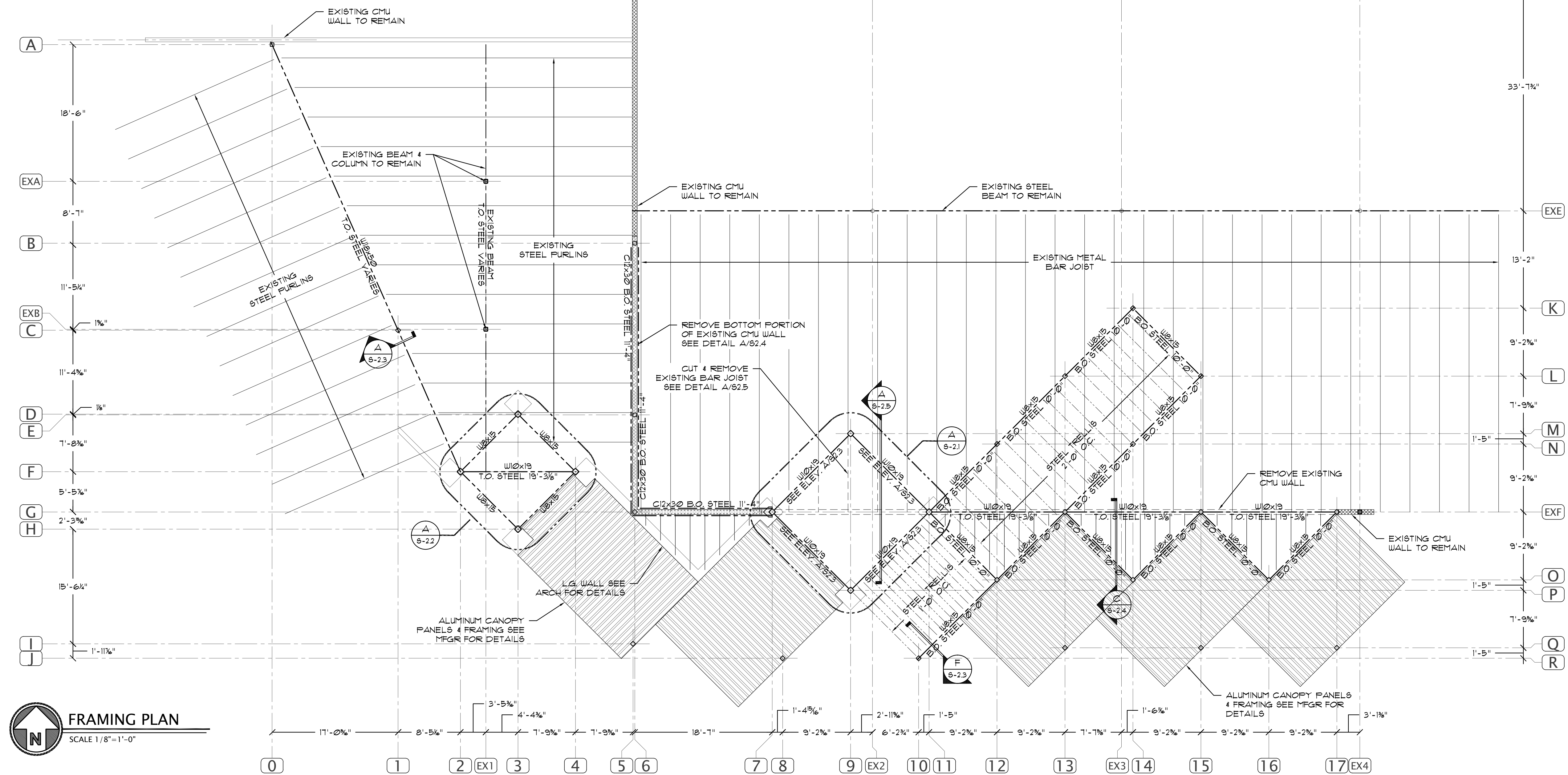
#	DATE	COMMENTS

Douglas R. Barkley M.S., P.E.
FL P.E. # 49090

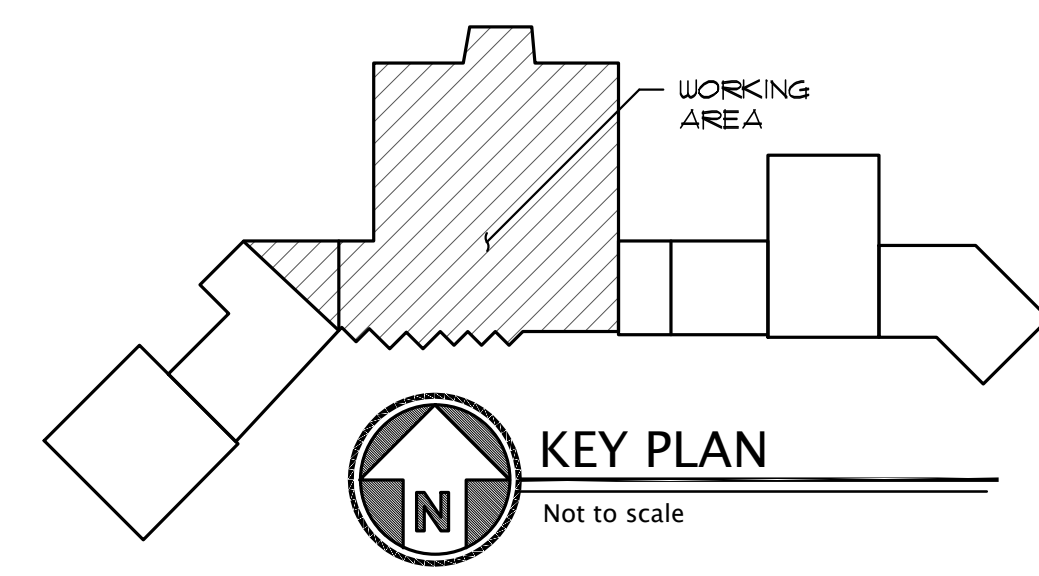
COLUMN FOOTING SCHEDULE					
MARK	DIMENSIONS	DEPTH	T.O.F.	REINFORCEMENT	REMARKS
WF01	0'-8" x CONT.	0'-8"	0'-0"	(1) # CONTINUOUS	
WF02	0'-12" x CONT.	1'-0"	0'-0"	(1) # CONTINUOUS	
CP1	--	--	-0'-4"	--	AS PER CANOPY MFR SEE DETAIL L/S2.3
CP15	1'-6" x 1'-6"	1'-0"	-0'-4"	(2) # E.W.	
CP2	2'-0" x 2'-0"	1'-6"	-0'-4"	(3) # E.W.	
CP25	2'-6" x 2'-6"	1'-6"	-2'-0"	(4) # E.W.	
CP3	3'-3" x 3'-3"	1'-6"	-0'-4"	(5) # E.W.	
CP4	4'-0" x 1'-6"	1'-6"	-1'-8"	(2) # (LONG WAY 3'-6")	
CP5	5'-0" x 5'-0"	2'-0"	-1'-8"	(1) # E.W.	
CPT1	15'-0" x 15'-0" x 2'-0"	1'-6"	-1'-0"	(3) # CONT. & (1) # TRANSVERSE @ 18" O.C. MAX	TOWER ONE - CONT. SQUARE
CPT2	13'-0" x 13'-0" x 2'-0"	1'-6"	-2'-0"	(3) # CONT. & (1) # TRANSVERSE @ 18" O.C. MAX	TOWER TWO - CONT. SQUARE

NOTE: USE DIMENSIONS & REINFORCEMENT ABOVE UNLESS OTHERWISE NOTED ON PLANS

COLUMN SCHEDULE					
MARK	SIZE	TOP PLATE	BASE PLATE	MATERIAL	REMARKS
C01	HSS6x6x3/8	TF1	BP1	STEEL	H/S2.5 & SEE DETAIL F/S2.5 FOR SPECIAL DETAILS
C02	HSS6x6x3/8	TF1	BP2	STEEL	H/S2.5 & SEE DETAIL F/S2.5 FOR SPECIAL DETAILS
C03	HSS6x6x3/8	TF2	BP1	STEEL	H/S2.5 FOR DETAILS
C04	HSS6x6x3/8	TF2	BP2	STEEL	H/S2.5 FOR DETAILS
C05	HSS6x6x3/8	TF3	BP2	STEEL	H/S2.5 FOR DETAILS
C06	HSS6x6x3/8	TF4	BP2	STEEL	H/S2.5 FOR DETAILS
C07	HSS6x6x3/8	TF4	BP3	STEEL	H/S2.5 FOR DETAILS
C08	HSS6x6x3/8	TF4	BP4	STEEL	H/S2.5 FOR DETAILS
C09	6x6x3/8	--	--	ALUMINUM	TOP & BOTTOM IE AS PER MFR SPECIFICATIONS
C10	HSS8x8x3/8	0'-9" x 0'-9" x 3/4"	1'-2" x 1'-2" x 3/4"	STEEL	BASE IE SIMILAR TO BP2 & TOP IE SIMILAR TO TP4
C11	HSS8x8x3/8	0'-9" x 0'-9" x 3/4"	1'-2" x 1'-2" x 3/4"	STEEL	BASE IE SIMILAR TO BP2 & TOP IE SIMILAR TO TP4



FRAMING PLAN
SCALE 1/8" = 1'-0"

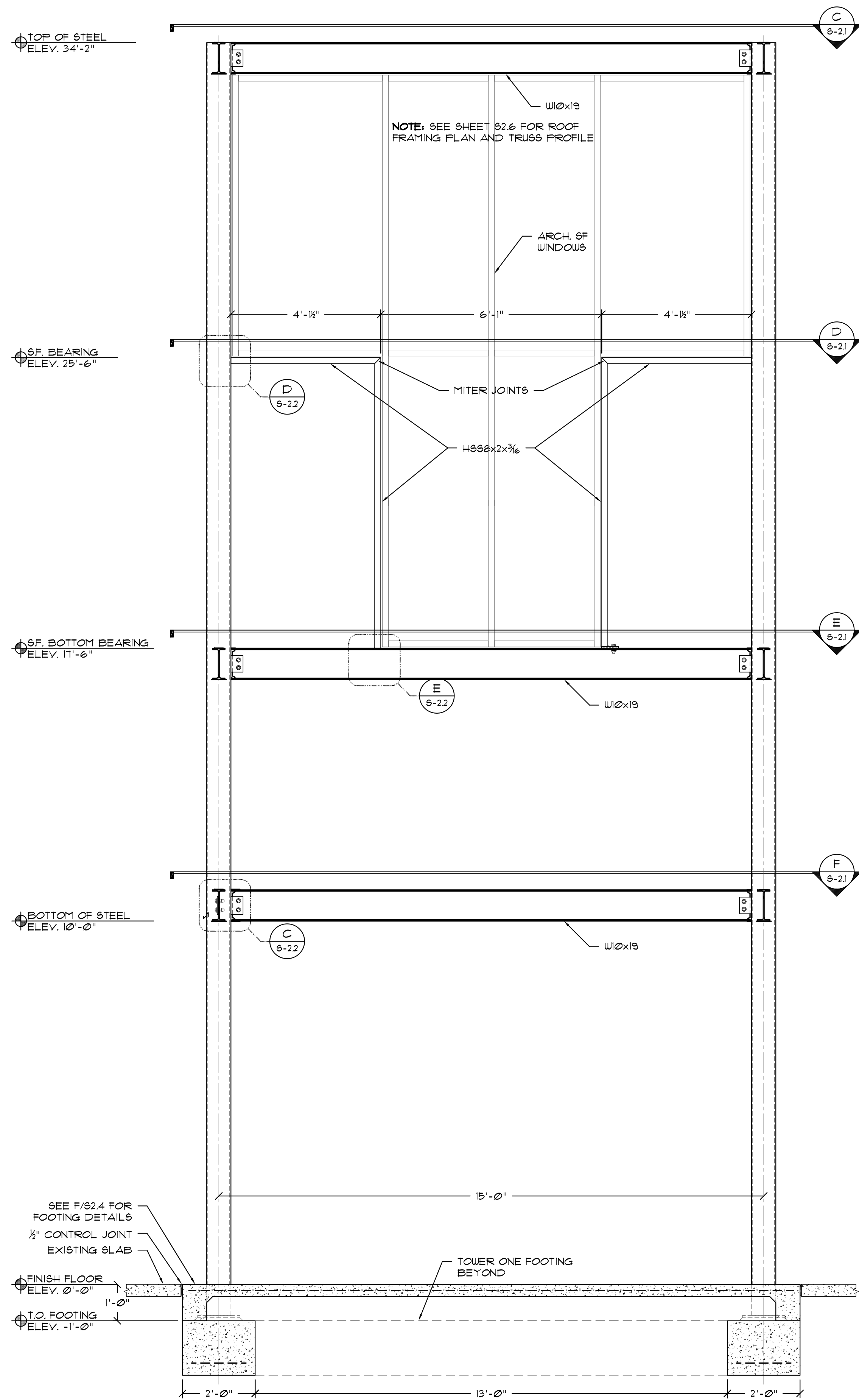


FRAMING PLAN

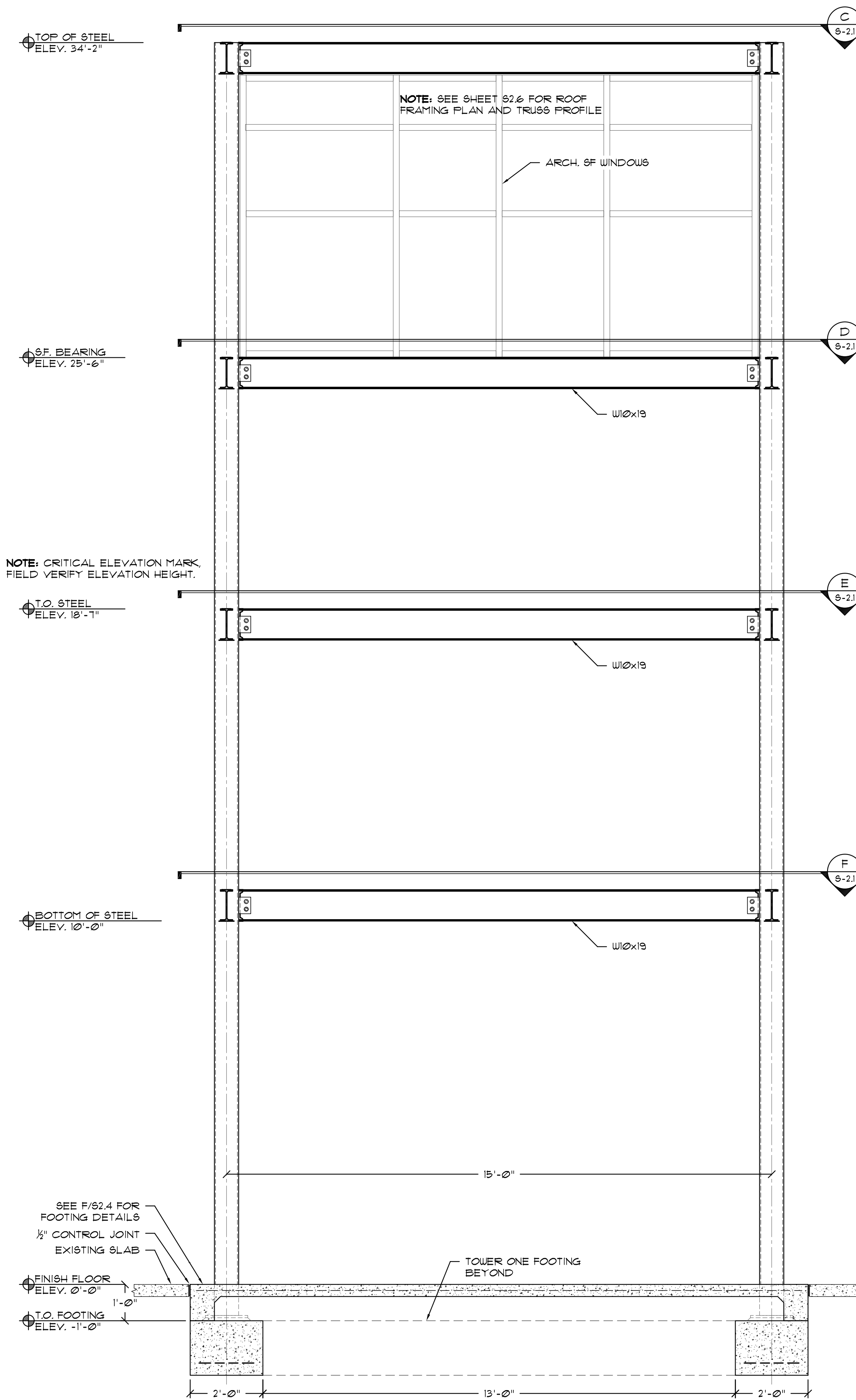
S1.3

Phase	Drawn	Phase	Check	Date
GRS	SD	BVP		06/25/10
GRS	50% DD	BVP		10/15/10
GRS	100% DD	BVP		12/08/10
GRS	50% CD	BVP		03/08/11
GRS	PERMIT	BVP		05/20/11
GRS	BID DOC.	BVP		08/31/11

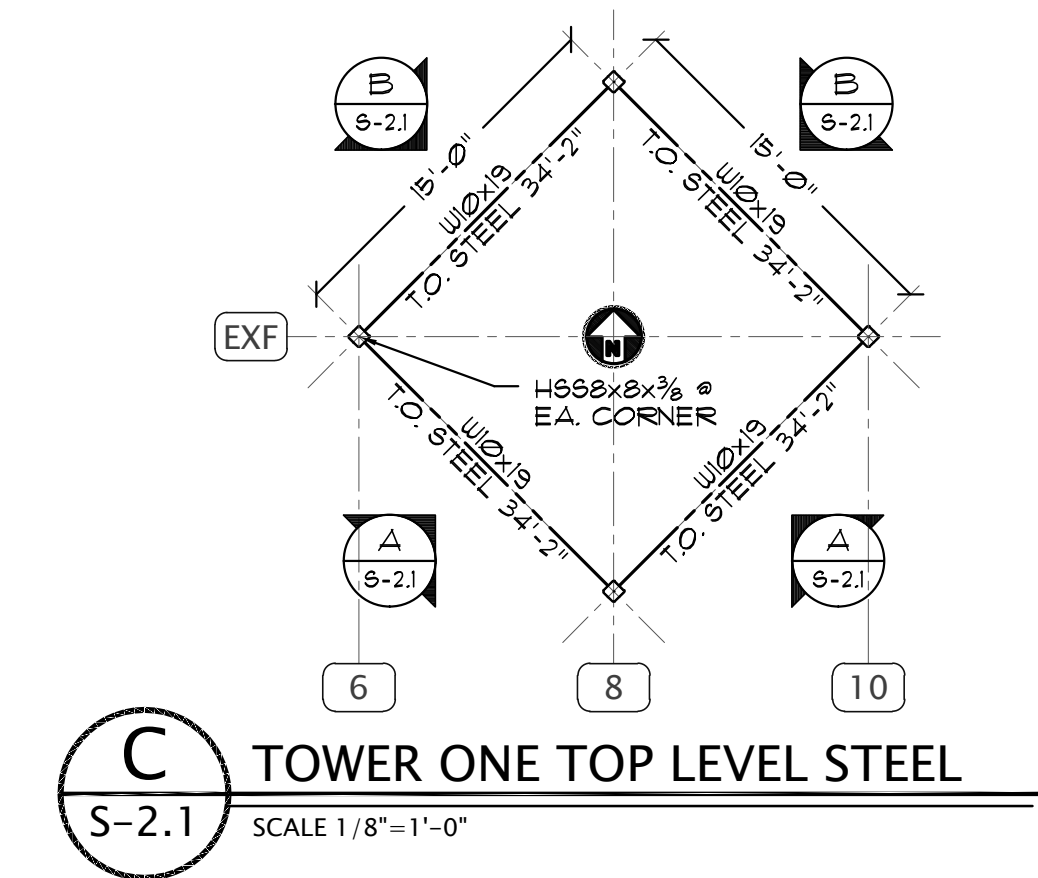
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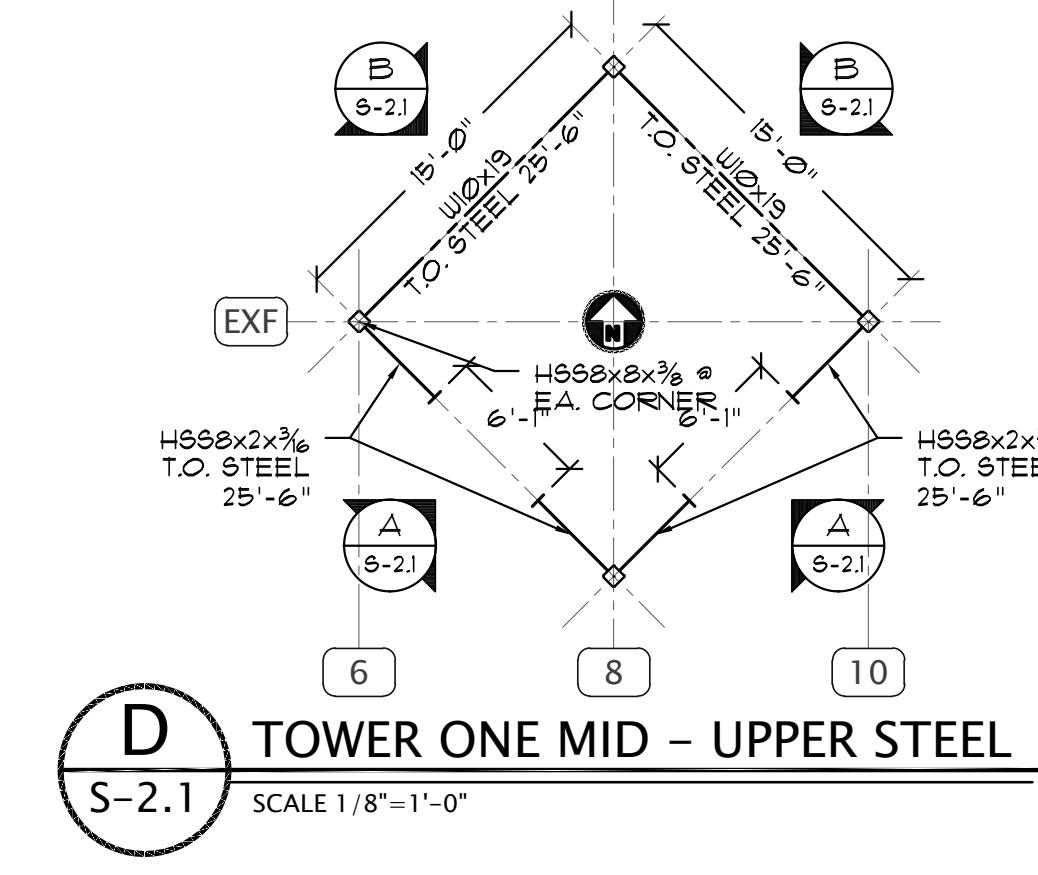
A TOWER ONE SW & SE VIEW
S-2.1 SCALE 1/2"=1'-0"



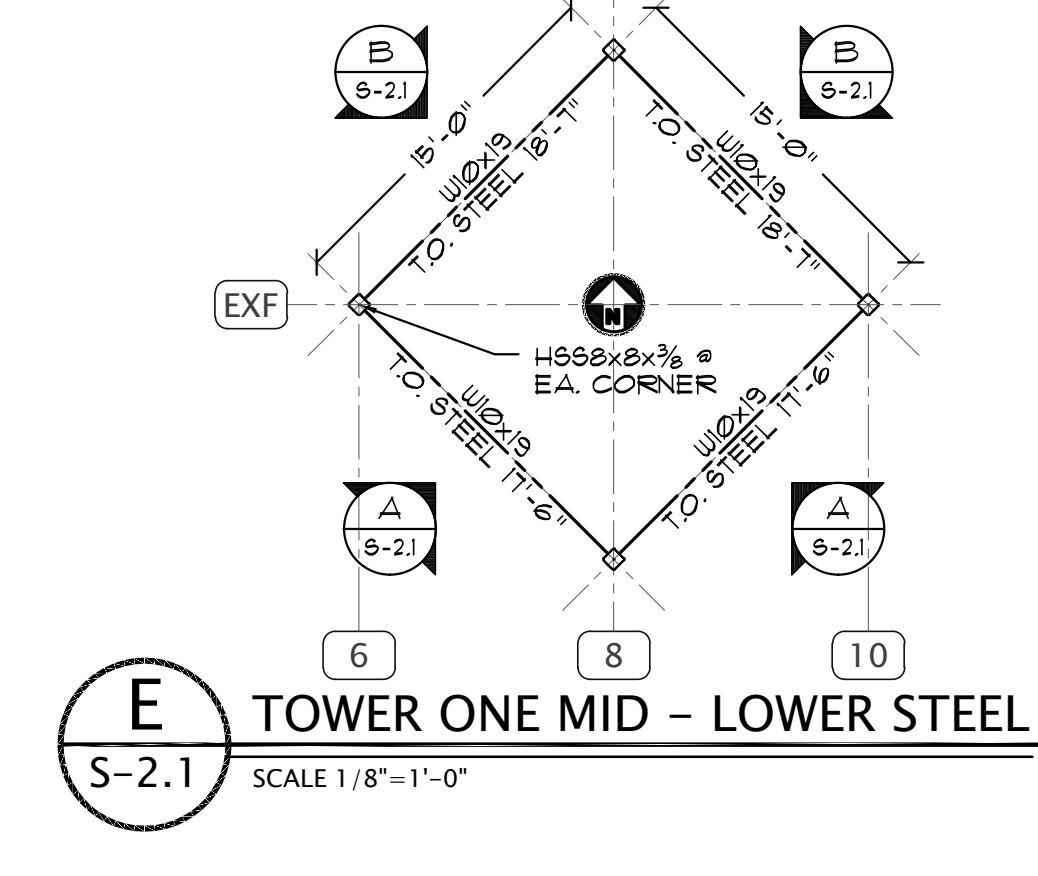
B TOWER ONE NW & NE VIEW
S-2.1 SCALE 1/2"=1'-0"



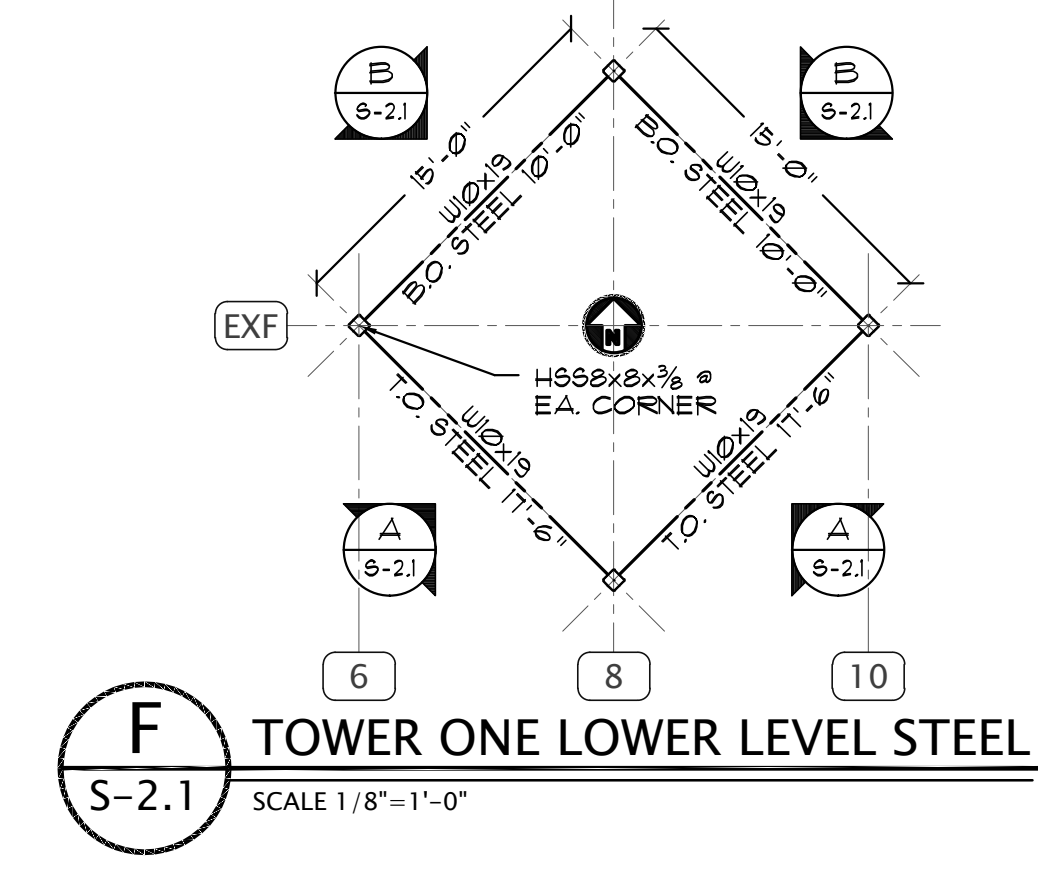
C TOWER ONE TOP LEVEL STEEL
S-2.1 SCALE 1/8"=1'-0"



D TOWER ONE MID - UPPER STEEL
S-2.1 SCALE 1/8"=1'-0"



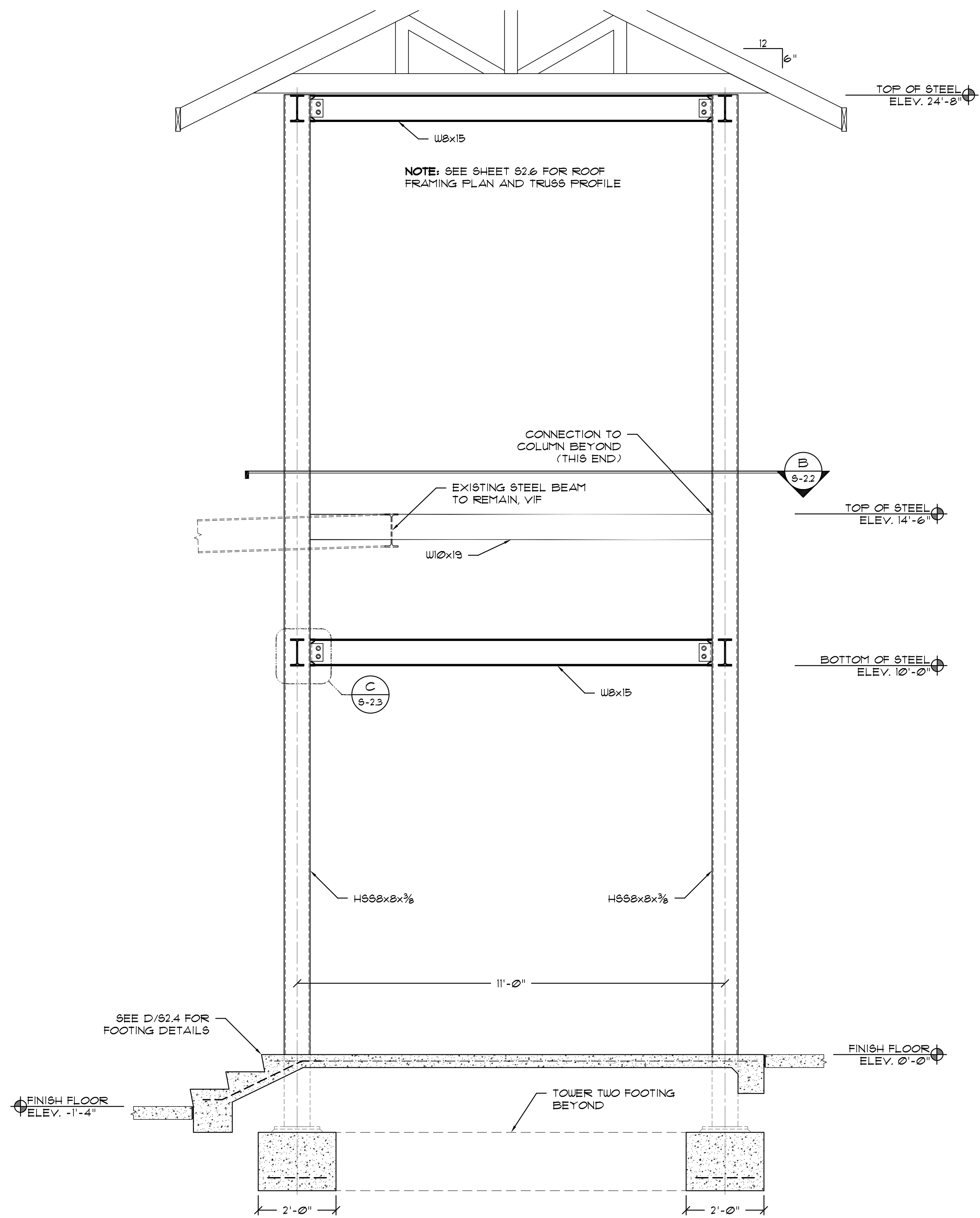
E TOWER ONE MID - LOWER STEEL
S-2.1 SCALE 1/8"=1'-0"



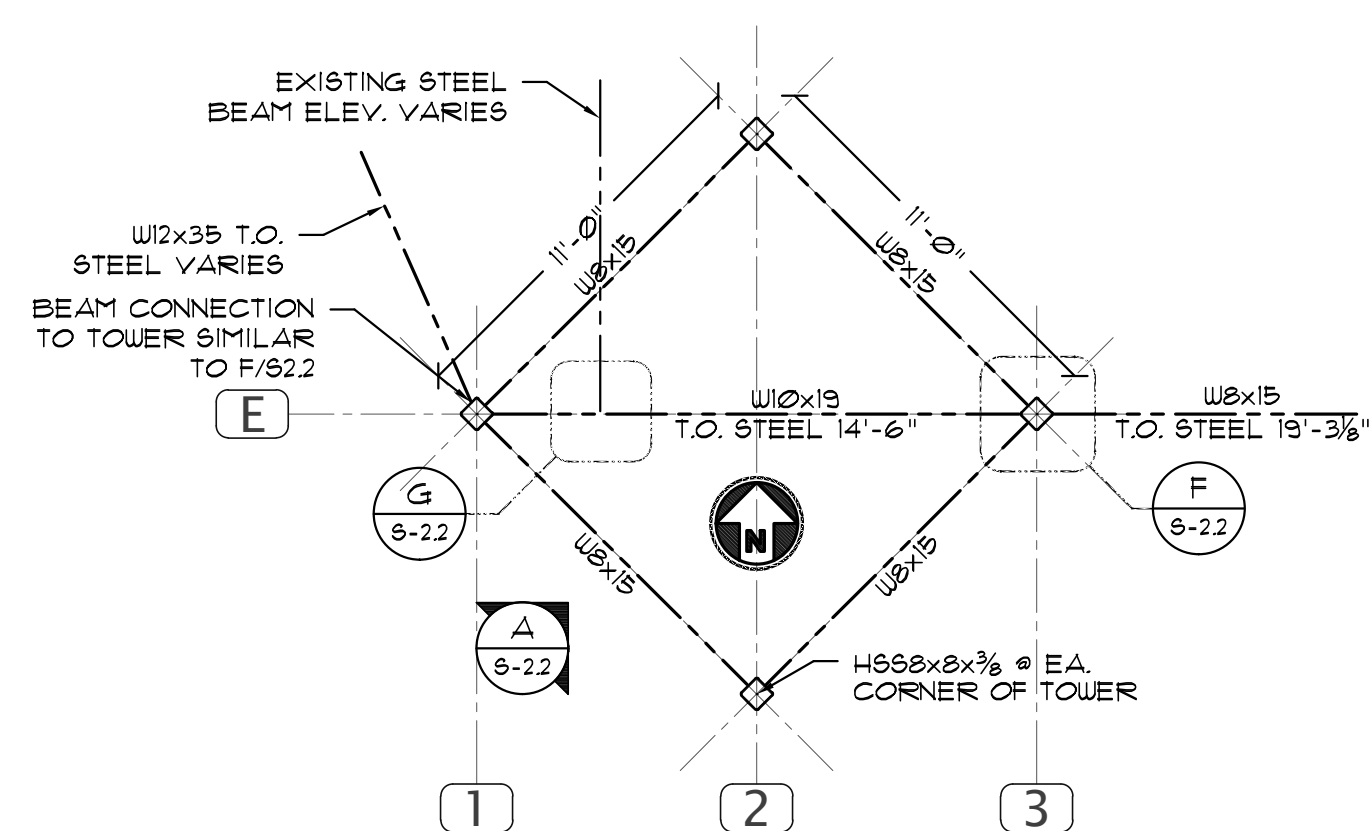
F TOWER ONE LOWER LEVEL STEEL
S-2.1 SCALE 1/8"=1'-0"

Phase	Drawn	Phase	Check	Date
GRS	SD	BVP		06/25/10
GRS	50% DD	BVP		10/15/10
GRS	100% DD	BVP		12/08/10
GRS	50% CD	BVP		03/08/11
GRS	PERMIT	BVP		05/20/11
GRS	BID DOC.	BVP		08/31/11

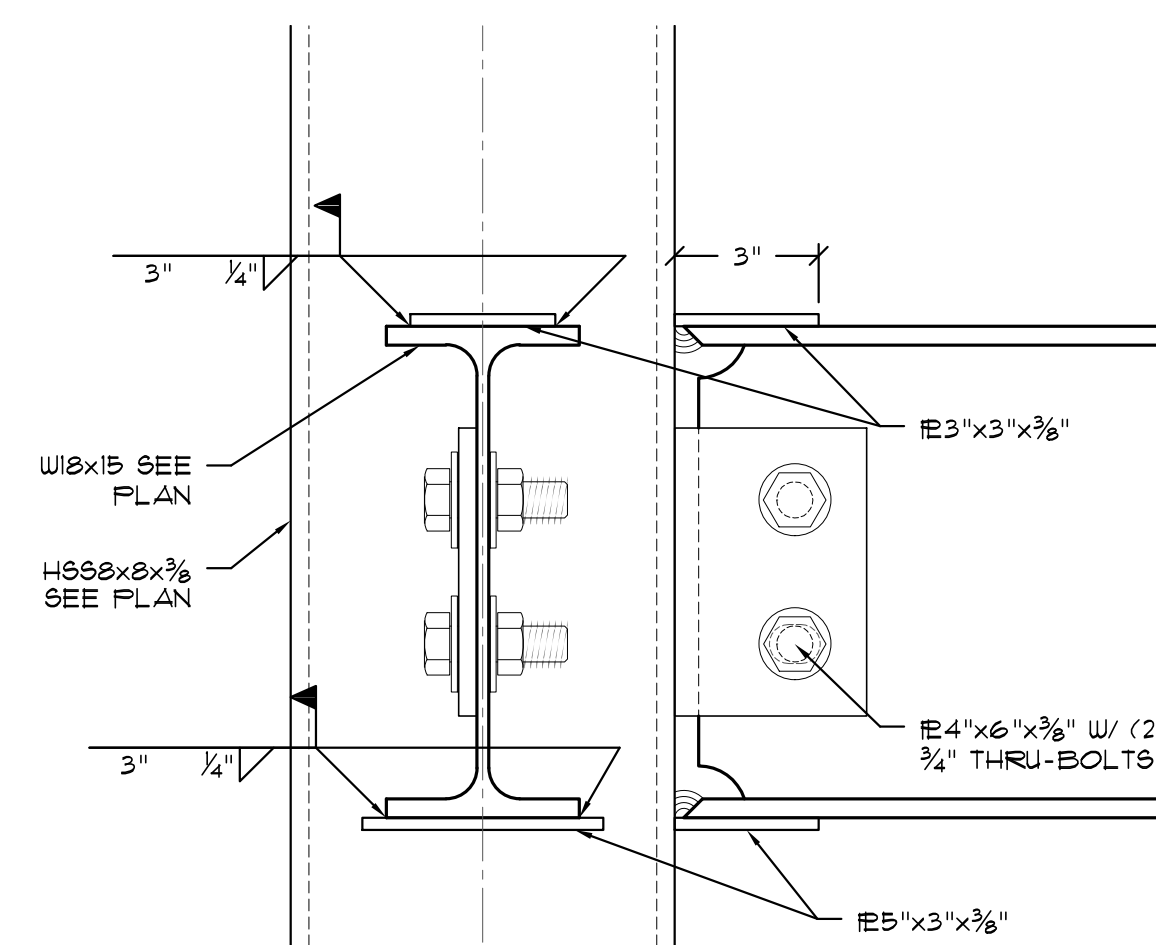
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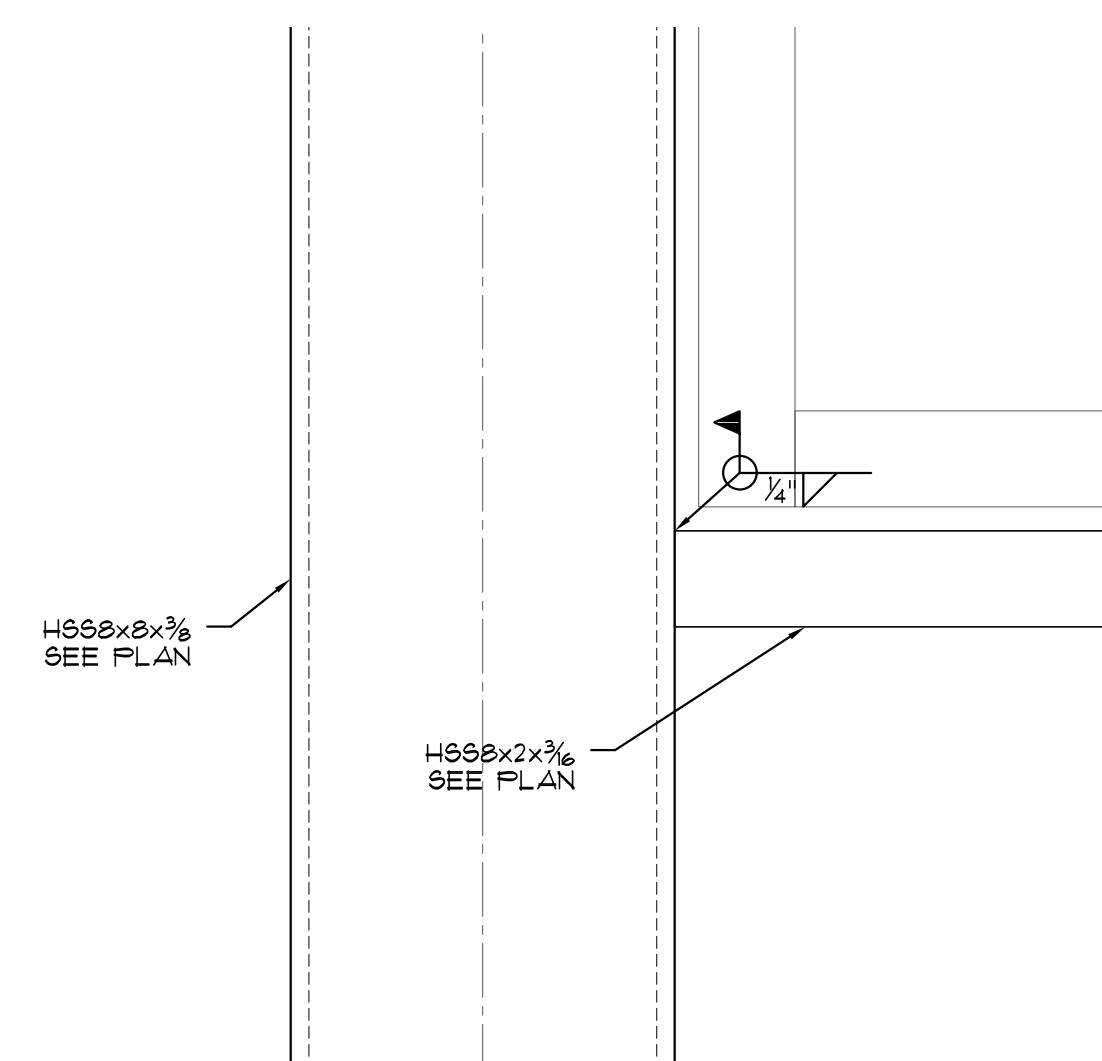
A
TOWER TWO SE ELEVATION
S-2.2 SCALE 1/2"=1'-0"



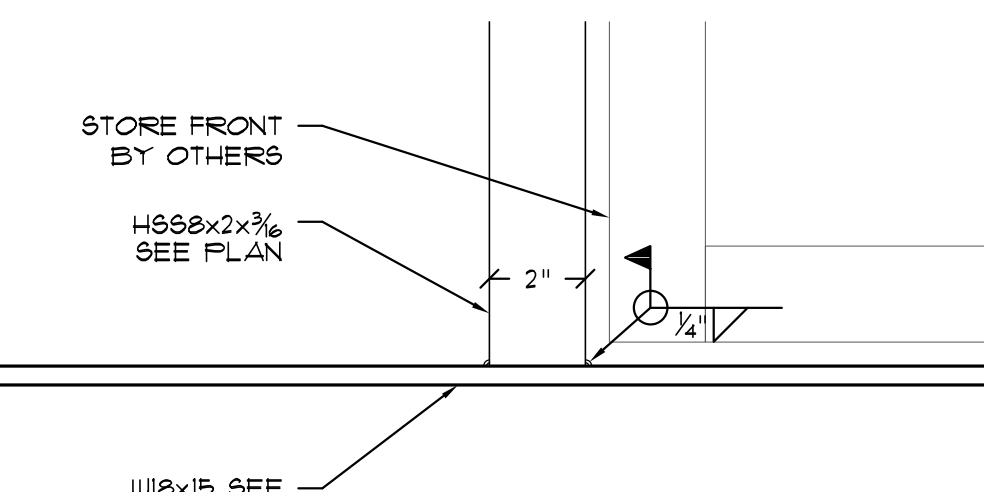
B
TALL TOWER LOWER LEVEL STEEL
S-2.2 SCALE 3/16"=1'-0"



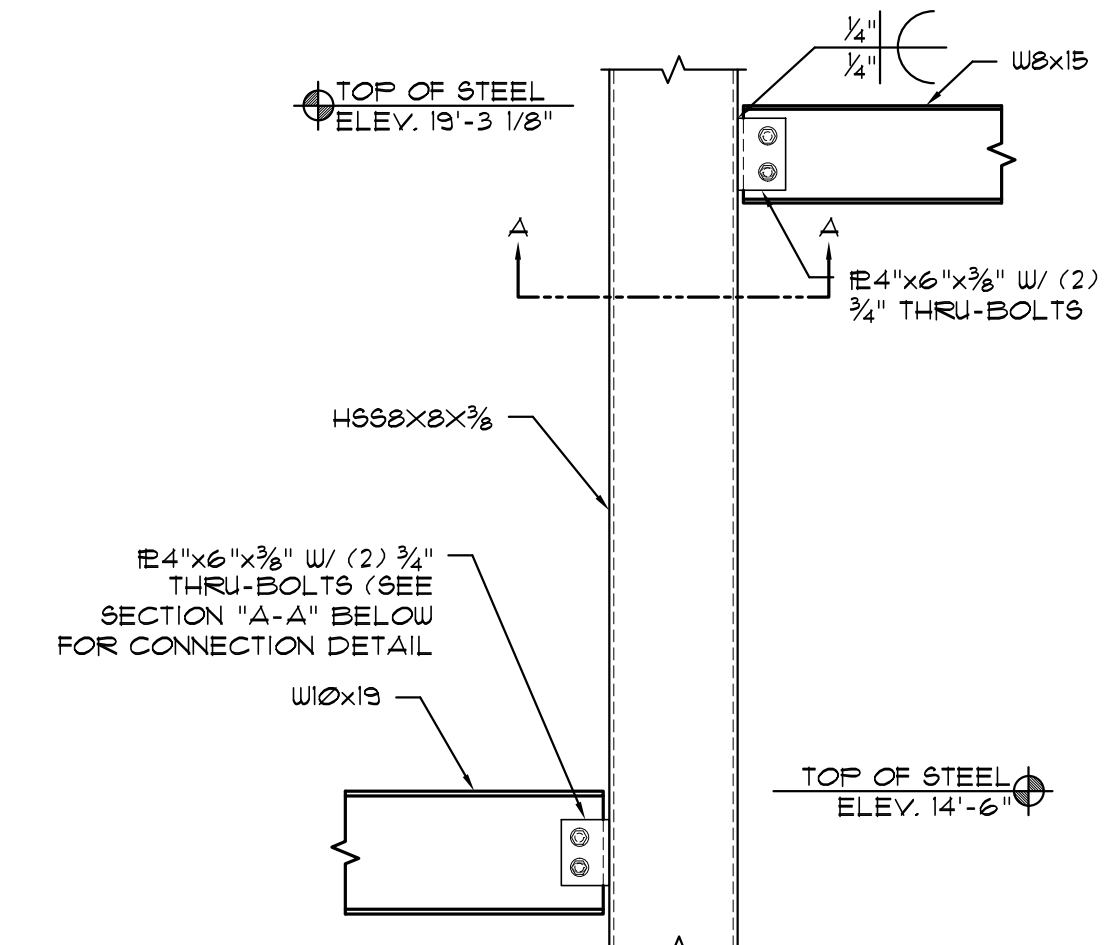
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TYPICAL TOWER COLUMN TO BEAM CONNECTION DETAIL
S-2.2 SCALE 3/16"=1'-0"



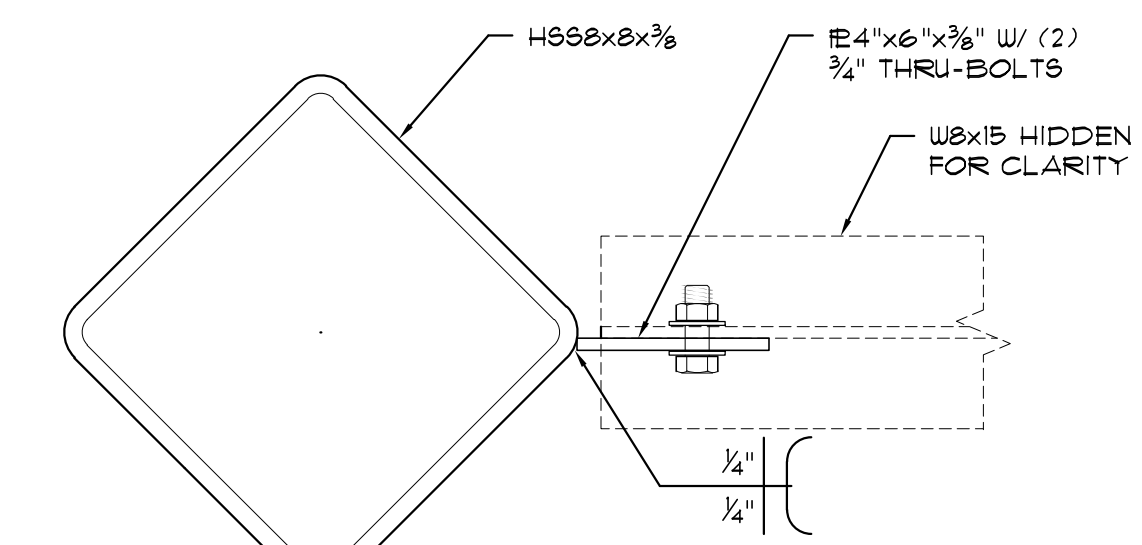
D
TYPICAL TOWER COLUMN TO S.F. SUPPORT BEAM DETAIL
S-2.2 SCALE 3/16"=1'-0"



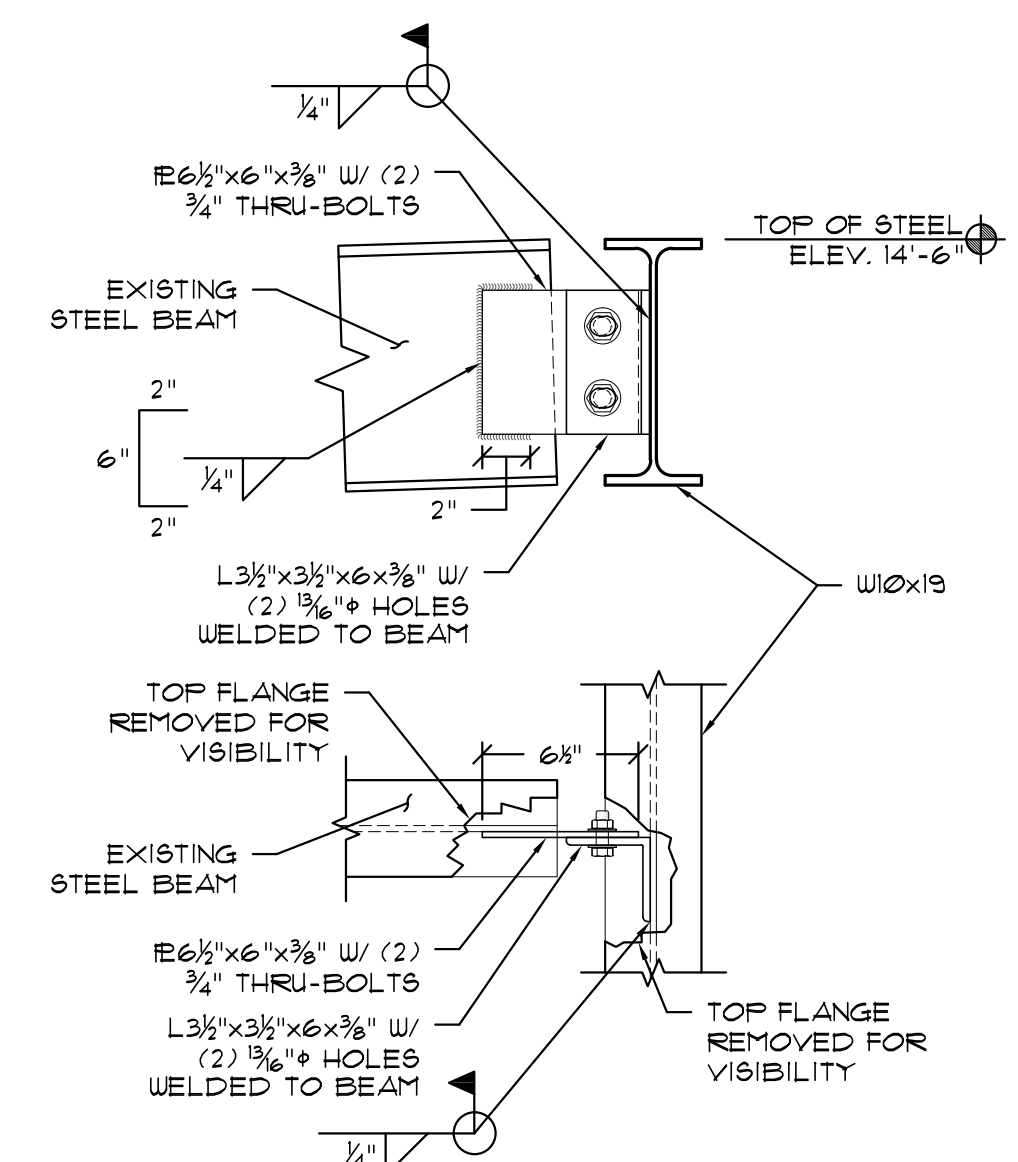
E
TYPICAL TOWER COLUMN TO S.F. SUPPORT BEAM DETAIL
S-2.2 SCALE 3/16"=1'-0"



F
TYPICAL TOWER COLUMN TO S.F. SUPPORT BEAM DETAIL
S-2.2 SCALE 3/16"=1'-0"



TOWER COLUMN CONNECTION SECTION "A-A"
SCALE 3"=1'-0"



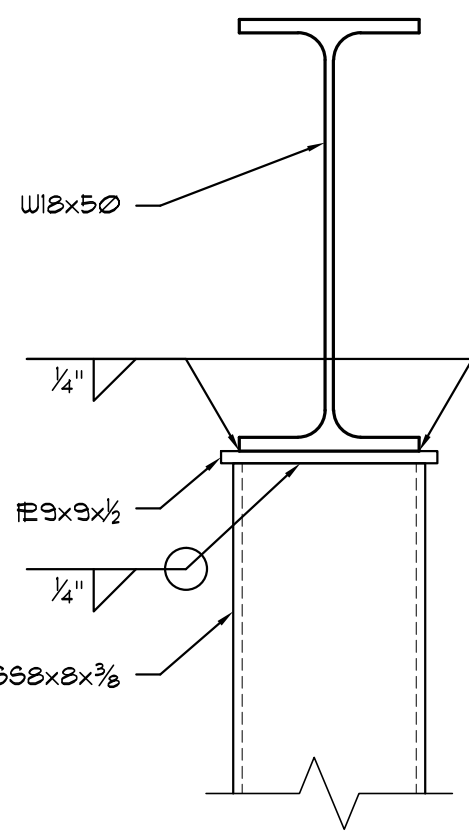
G
EXISTING STEEL BEAM TO W10x19 SUPPORT BEAM DETAIL
S-2.2 SCALE 1/2"=1'-0"

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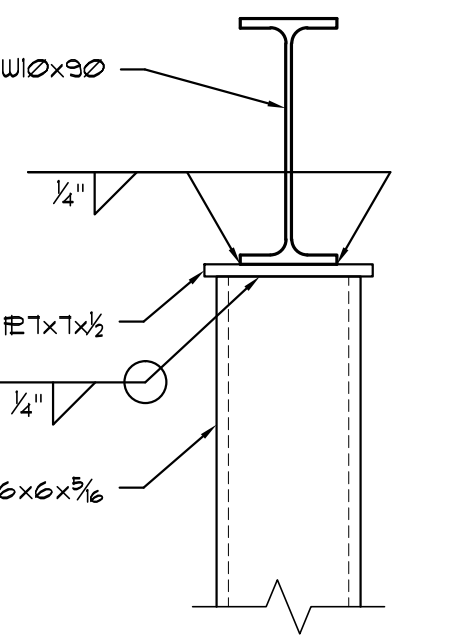
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GRS	SD	BVP		06/25/10
GRS	50% DD	BVP		10/15/10
GRS	100% DD	BVP		12/08/10
GRS	50% CD	BVP		03/08/11
GRS	PERMIT	BVP		05/20/11
GRS	BID DOC.	BVP		08/31/11

DATE	COMMENTS
08/07/11	AS PER ARCH COMMENTS

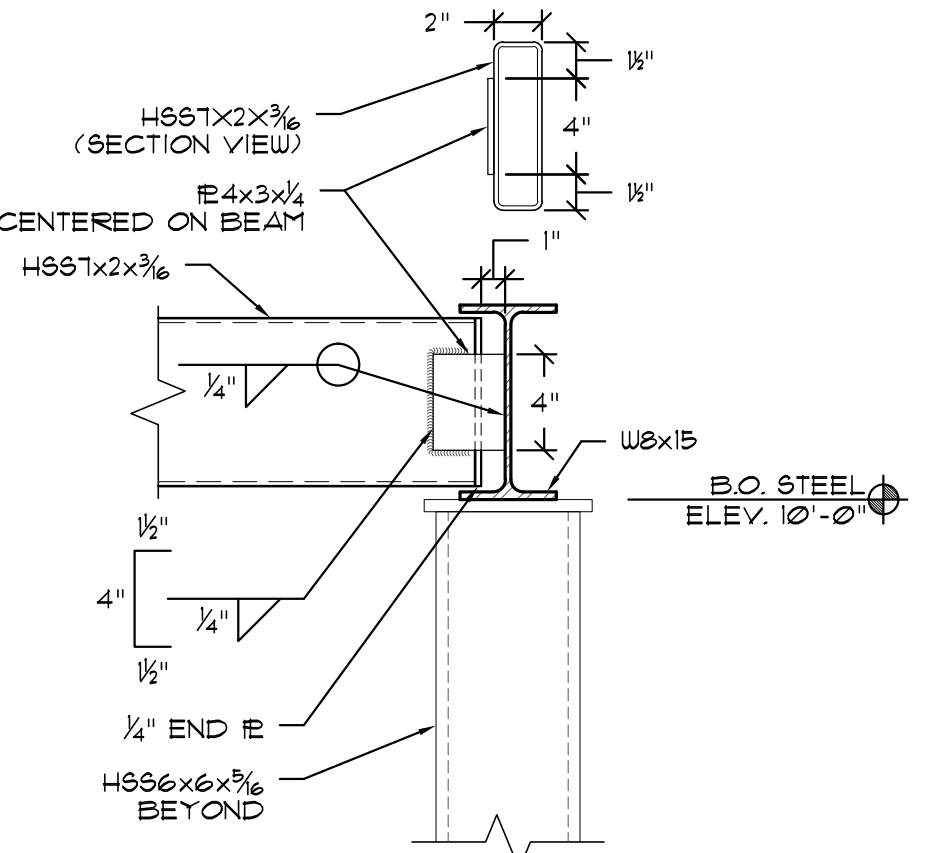
Revisions	DATE	COMMENTS



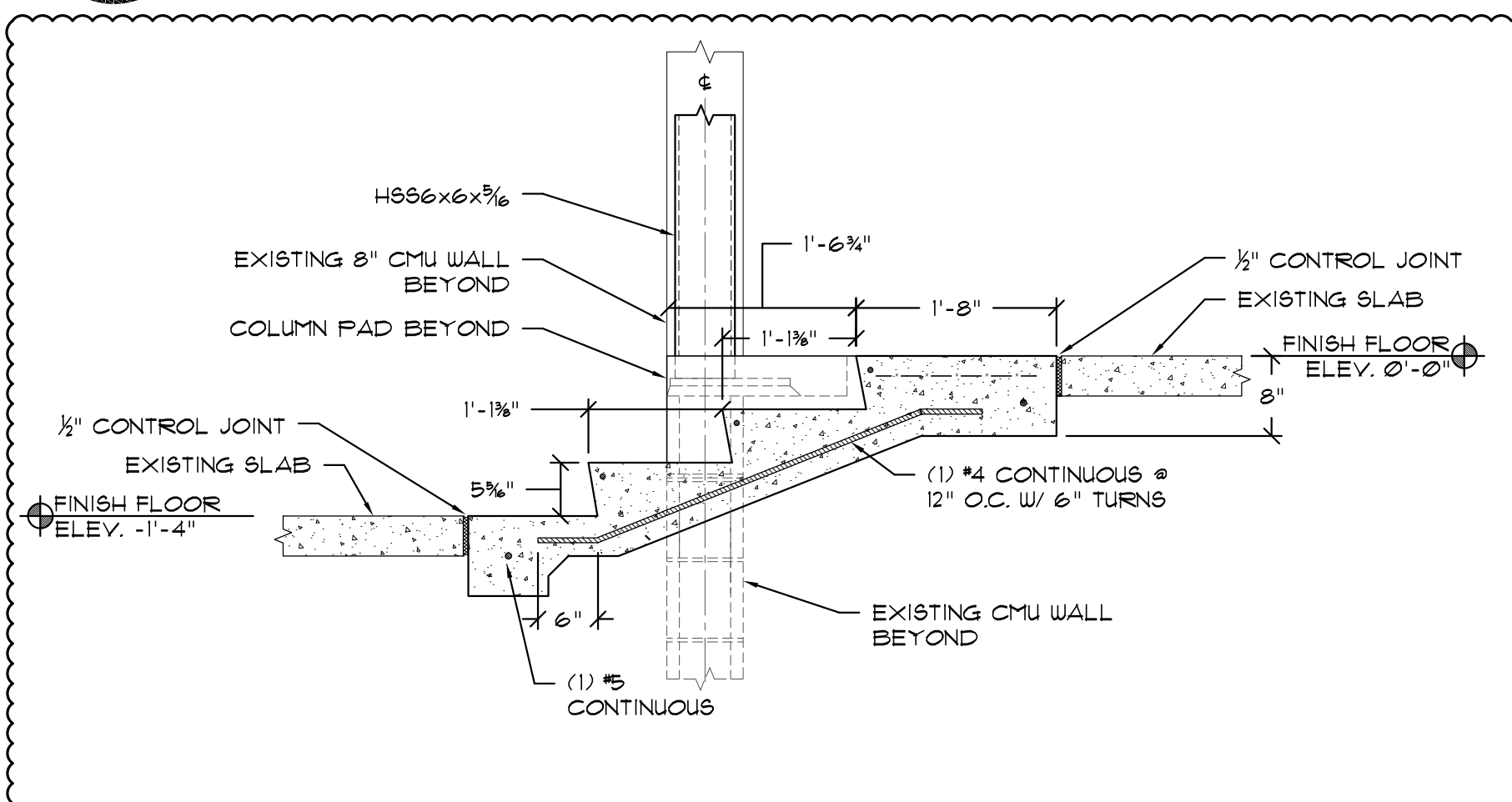
A W18x50 CONNECTION DETAIL
S-2.3 SCALE 1 1/2"=1'-0"



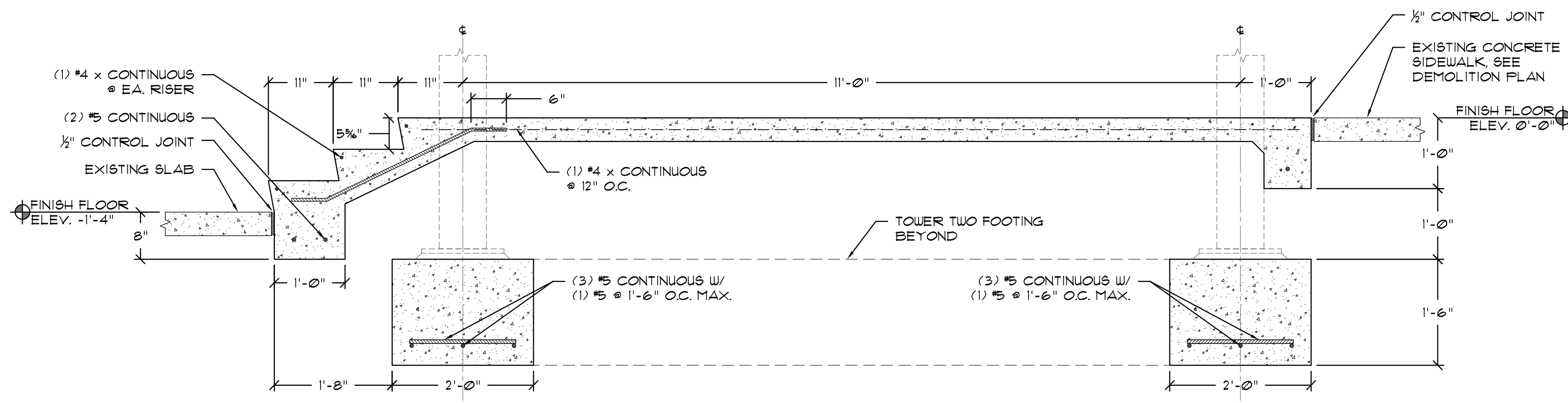
B W10x90 CONNECTION DETAIL
S-2.3 SCALE 1 1/2"=1'-0"



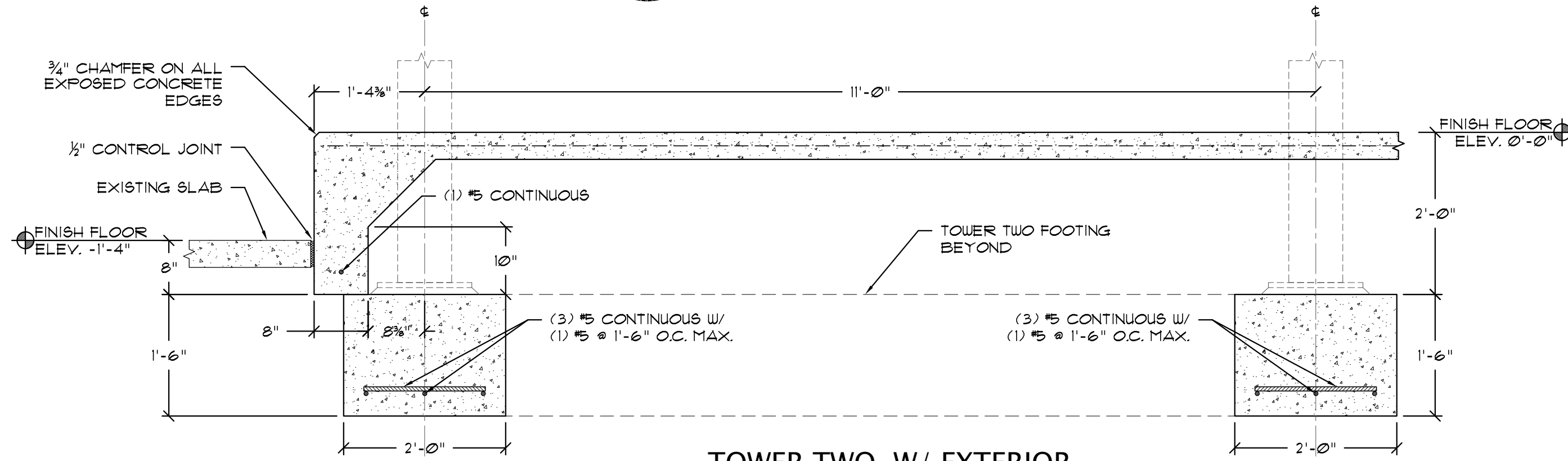
C TRELIS STEEL CONNECTION DETAIL
S-2.3 SCALE 1 1/2"=1'-0"



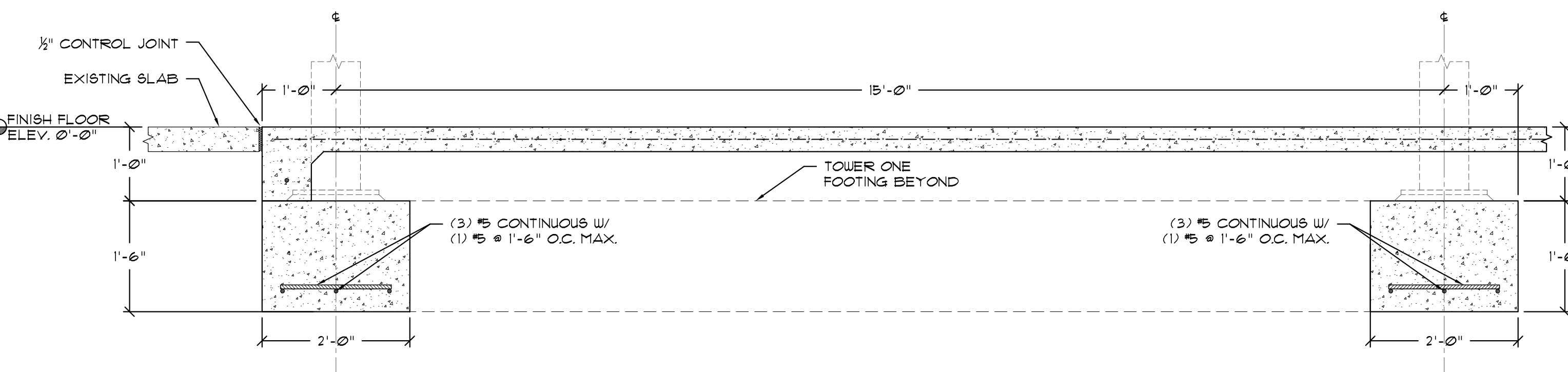
K EXTERIOR STAIR SECTION
S-2.3 SCALE 3/4"=1'-0"



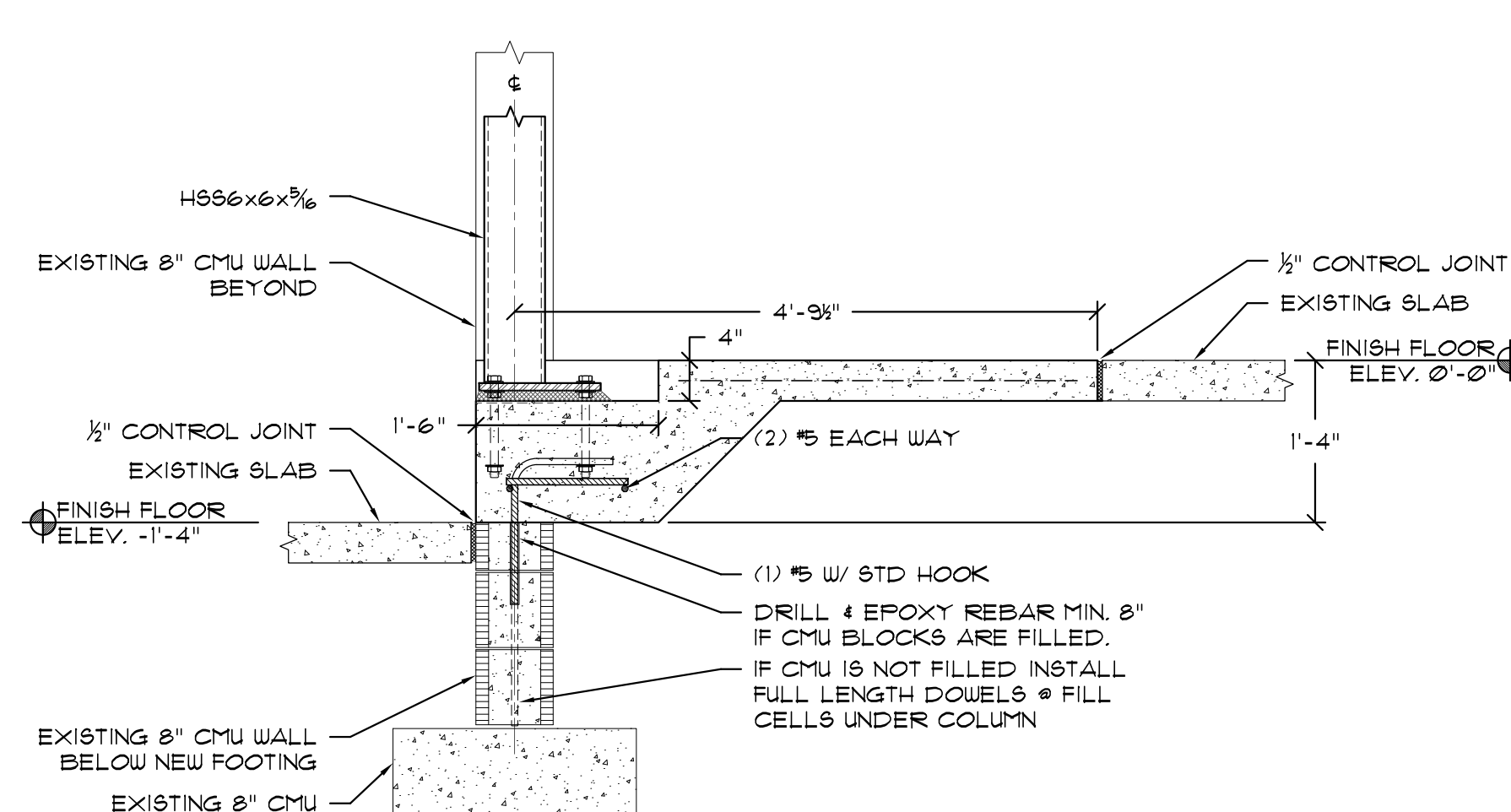
D TOWER TWO W/ STAIRS FOUNDATION DETAIL
S-2.3 SCALE 3/4"=1'-0"



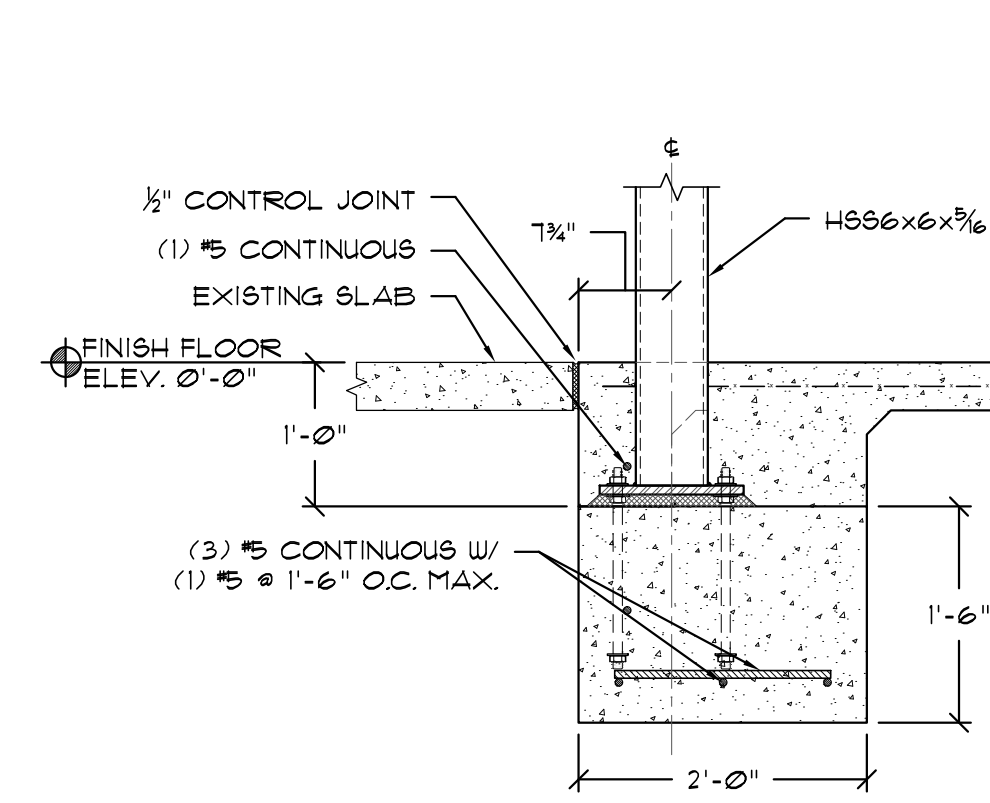
E TOWER TWO W/ EXTERIOR DROP FOUNDATION DETAIL
S-2.3 SCALE 3/4"=1'-0"



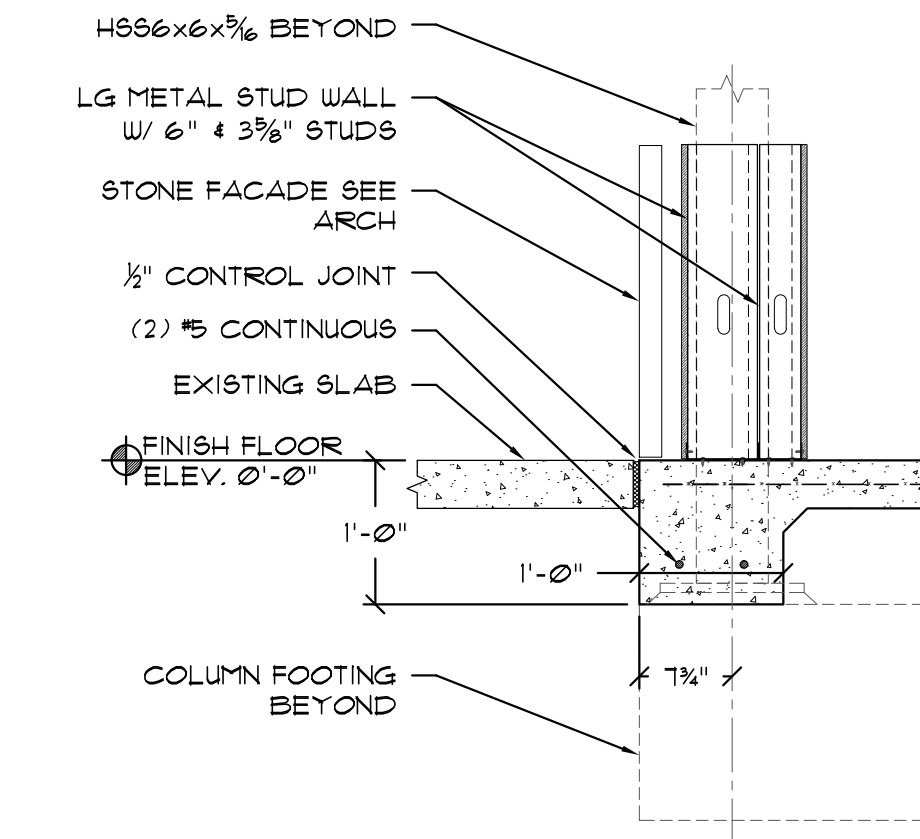
F TOWER ONE TYPICAL FOUNDATION DETAIL
S-2.3 SCALE 3/4"=1'-0"



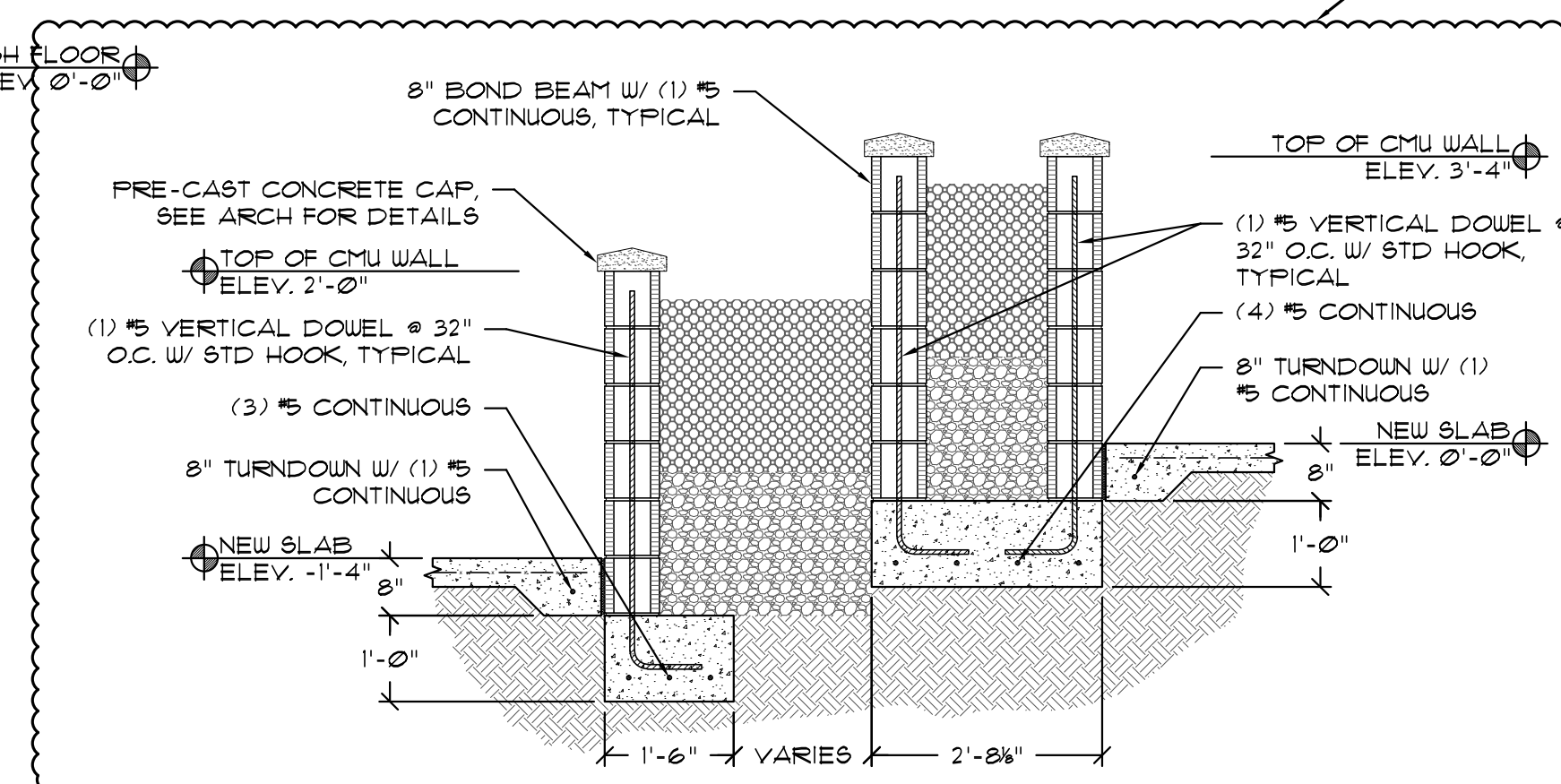
L COLUMN PAD (CP3) DETAIL
S-2.3 SCALE 3/4"=1'-0"



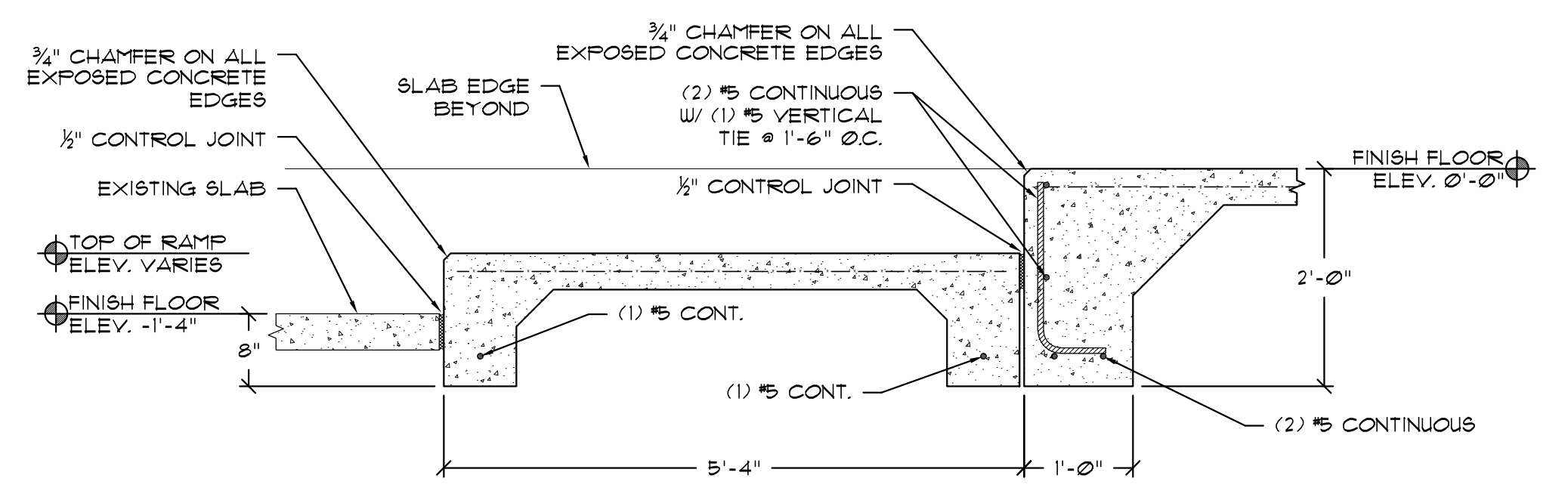
G COLUMN PAD @ 1'-0" WALL FOOTING DETAIL
S-2.3 SCALE 3/4"=1'-0"



H DBL LG WALL W/ 1'-0" FOOTING DETAIL
S-2.3 SCALE 3/4"=1'-0"



J TYPICAL EXTERIOR PLANTER REINFORCEMENT DETAIL
S-2.3 SCALE 1/2"=1'-0"

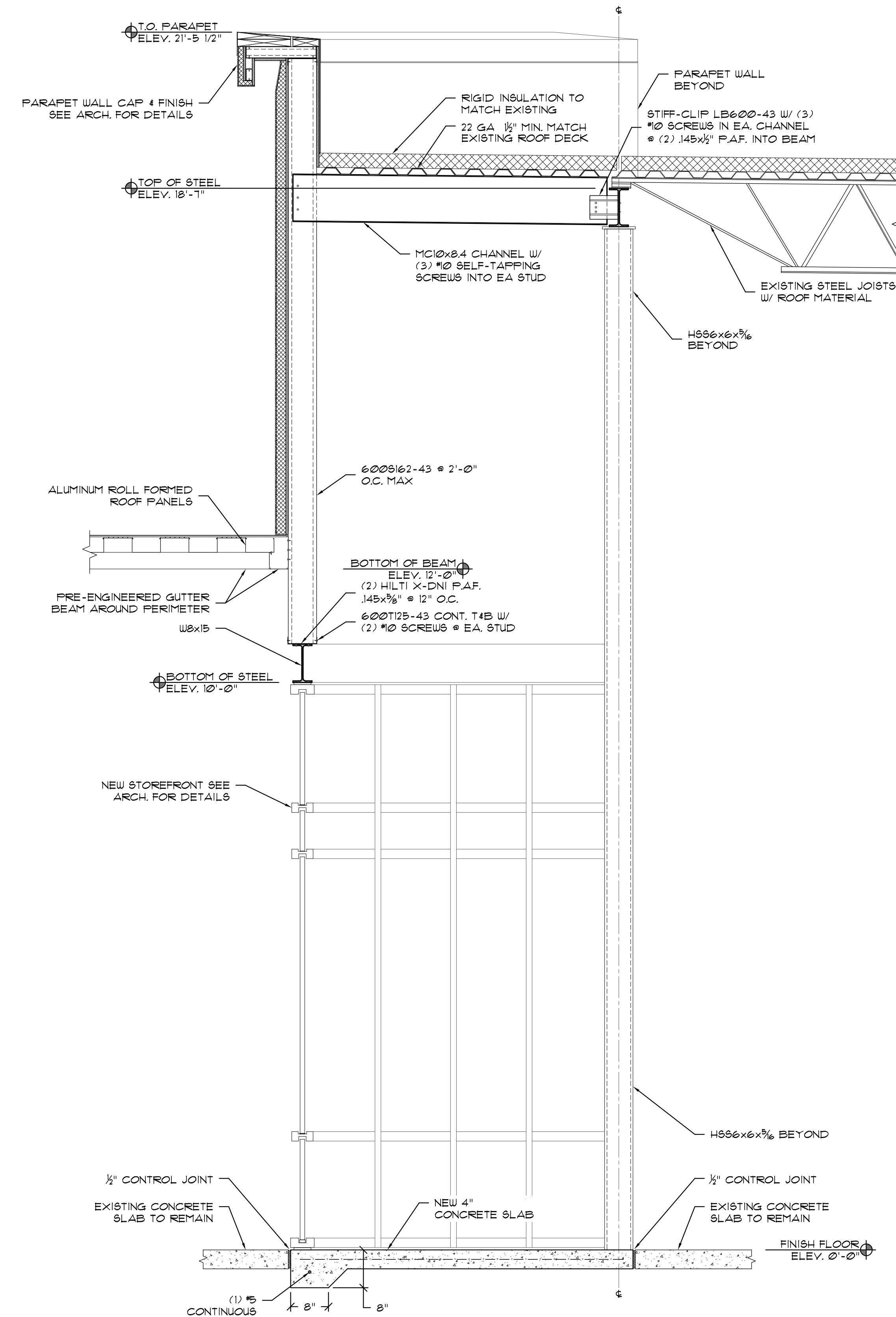
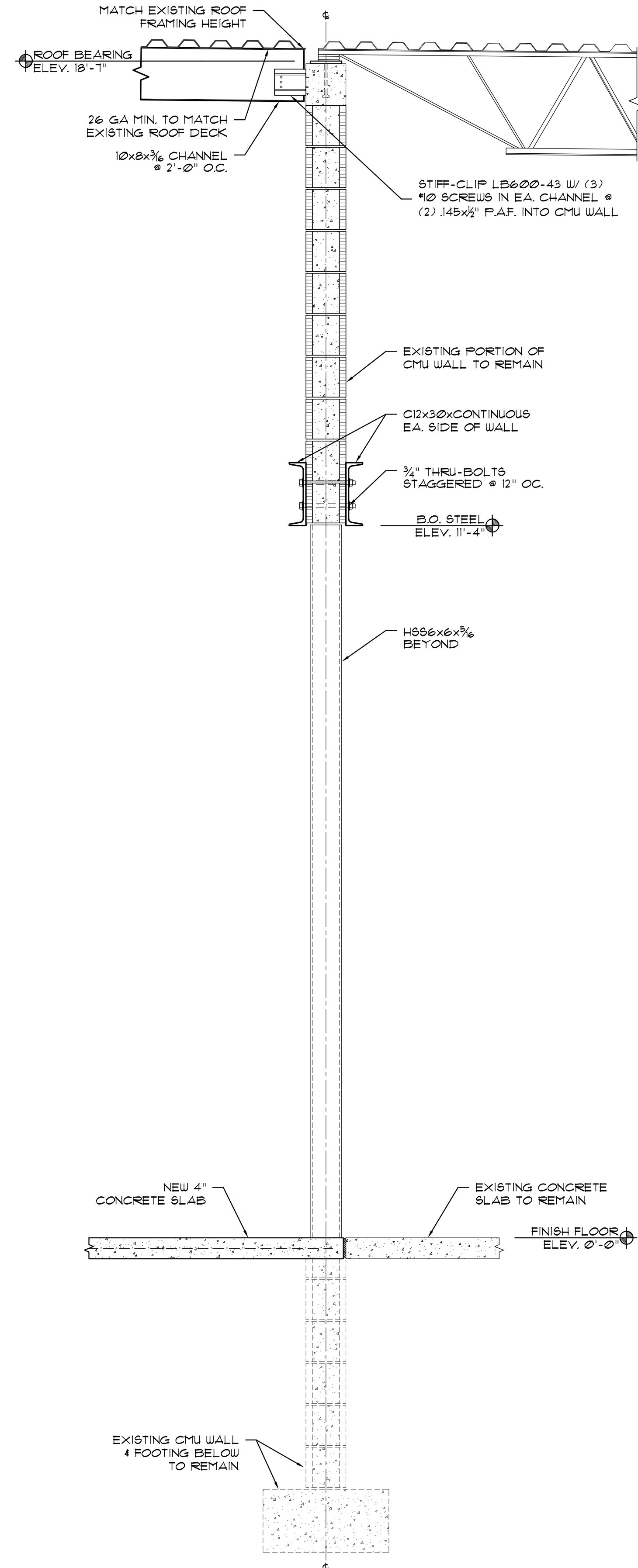
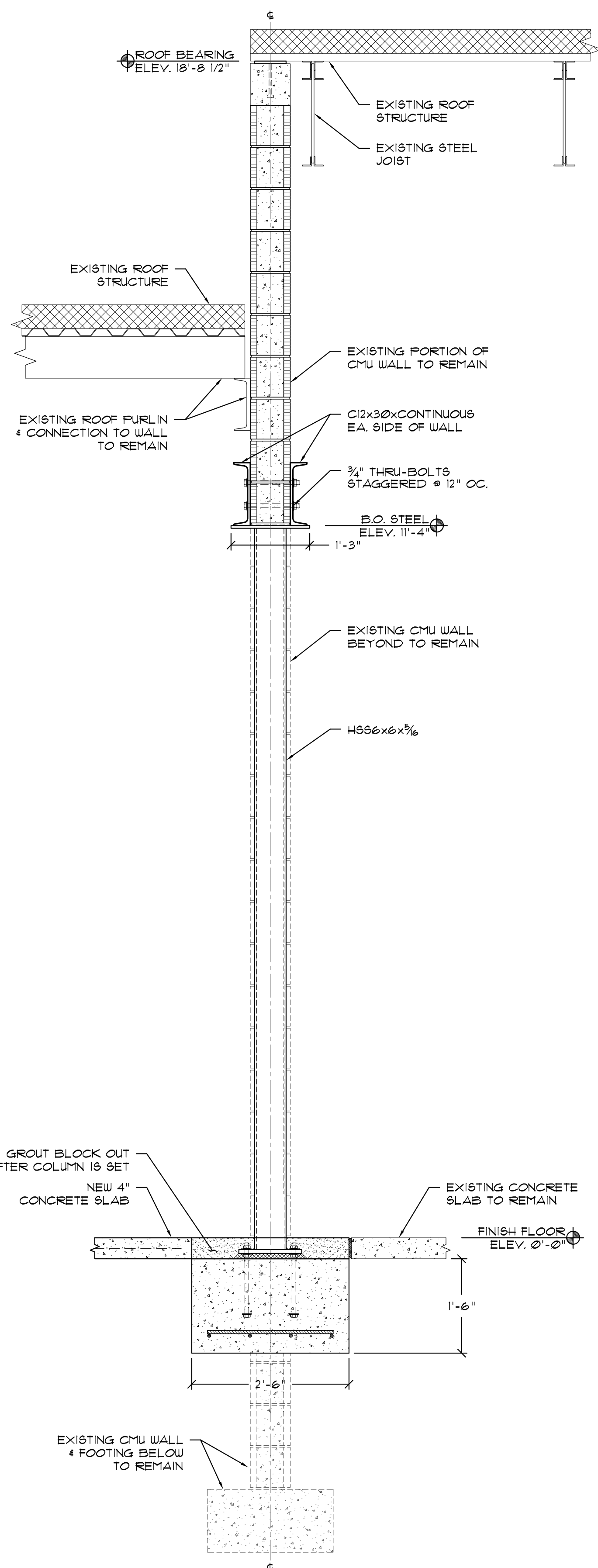


M INTERIOR RAMP SECTION
S-2.3 SCALE 3/4"=1'-0"



Phase	Drawn	Phase	Check	Date
	CRS	SD	BVP	06/25/10
	CRS	50% DD	BVP	10/15/10
	CRS	100% DD	BVP	12/08/10
	CRS	50% CD	BVP	03/08/11
	CRS	PERMIT	BVP	05/20/11
	CRS	BID DOC.	BVP	08/31/11

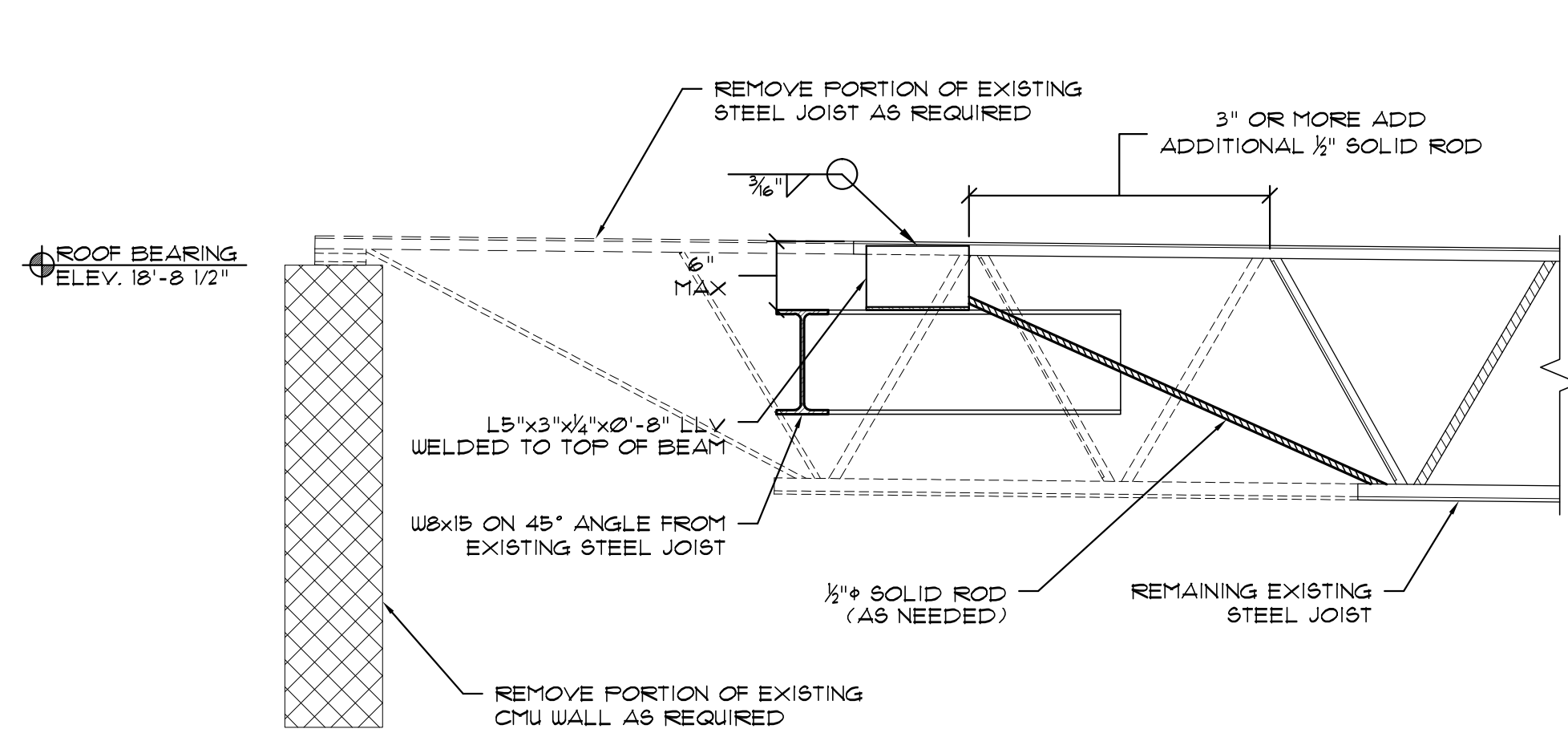
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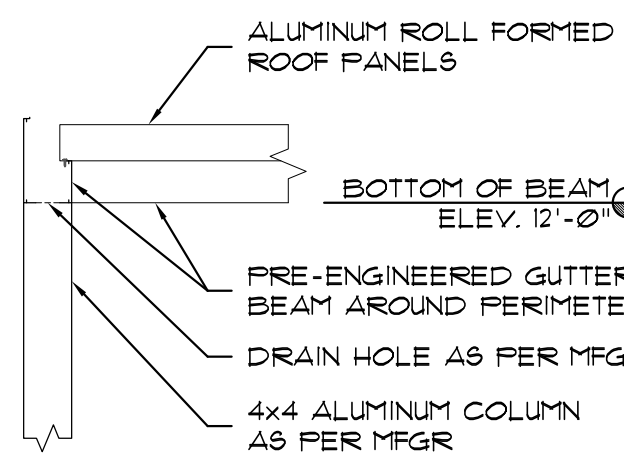
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GRS	100% DD	BVP		12/08/10
GRS	50% CD	BVP		03/08/11
GRS	PERMIT	BVP		05/20/11
GRS	BID DOC.	BVP		08/31/11

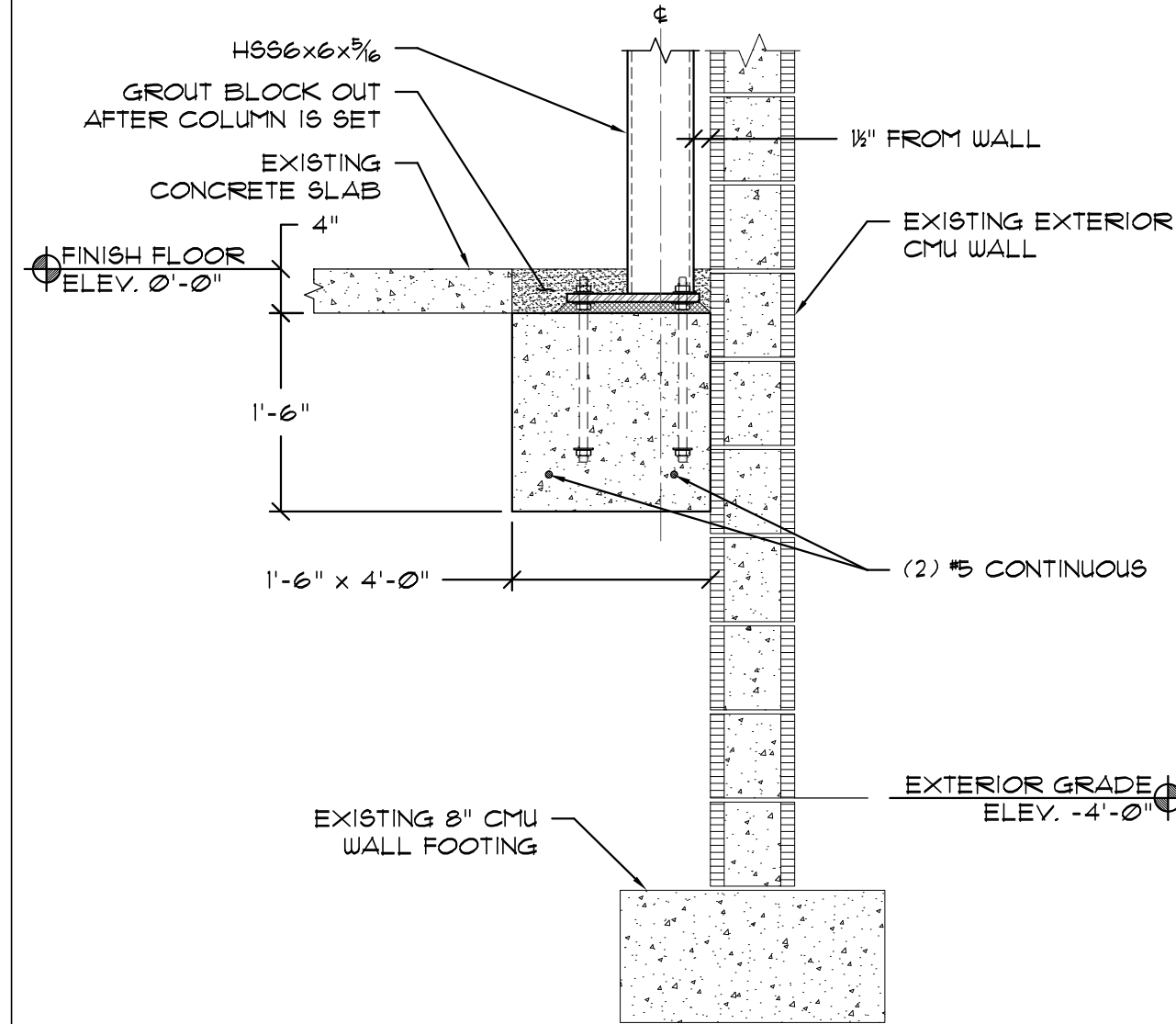
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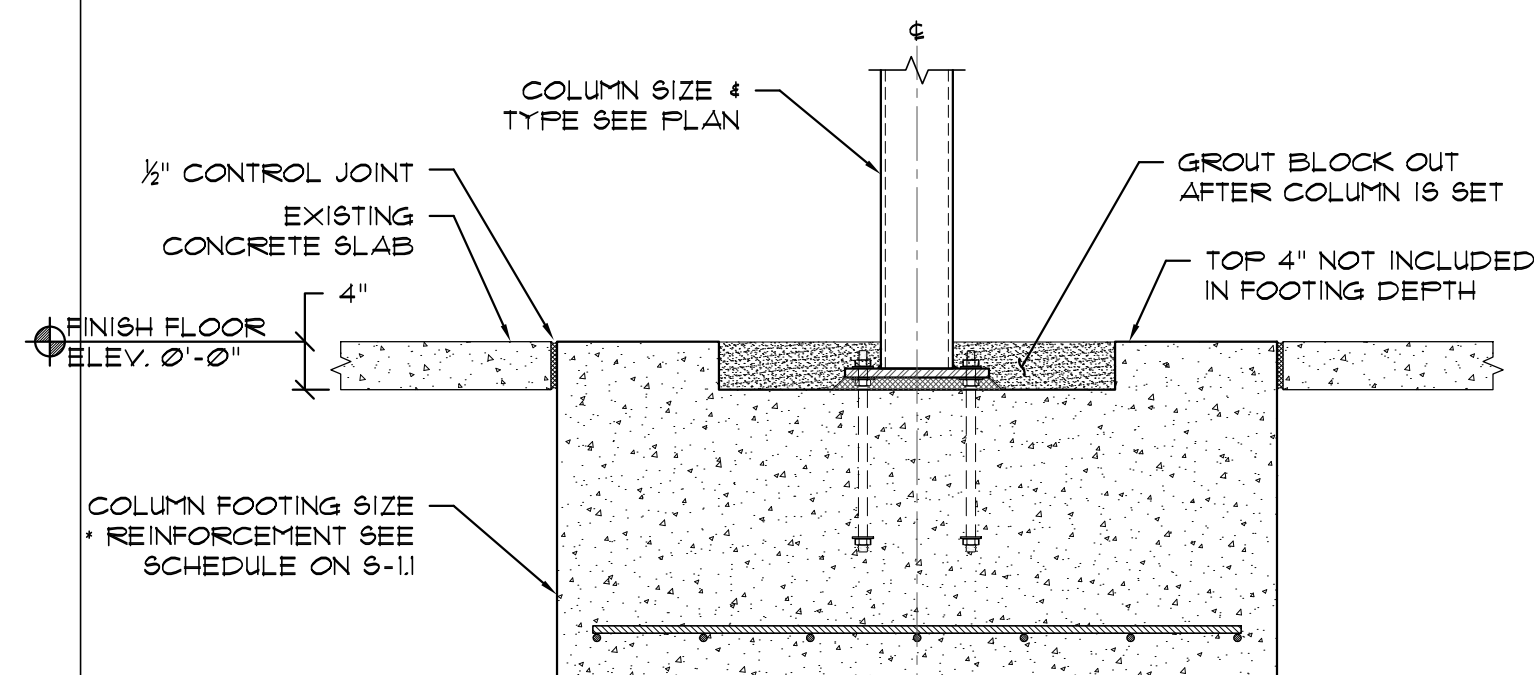
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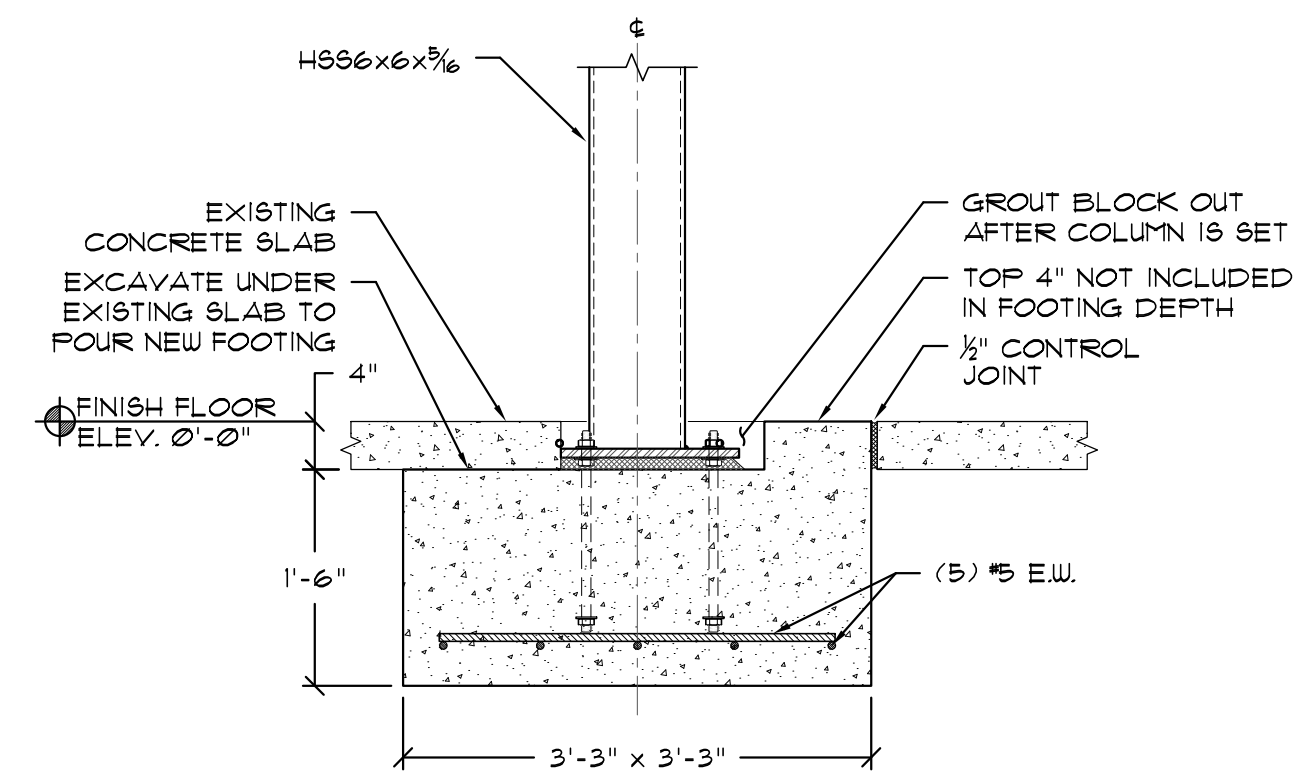
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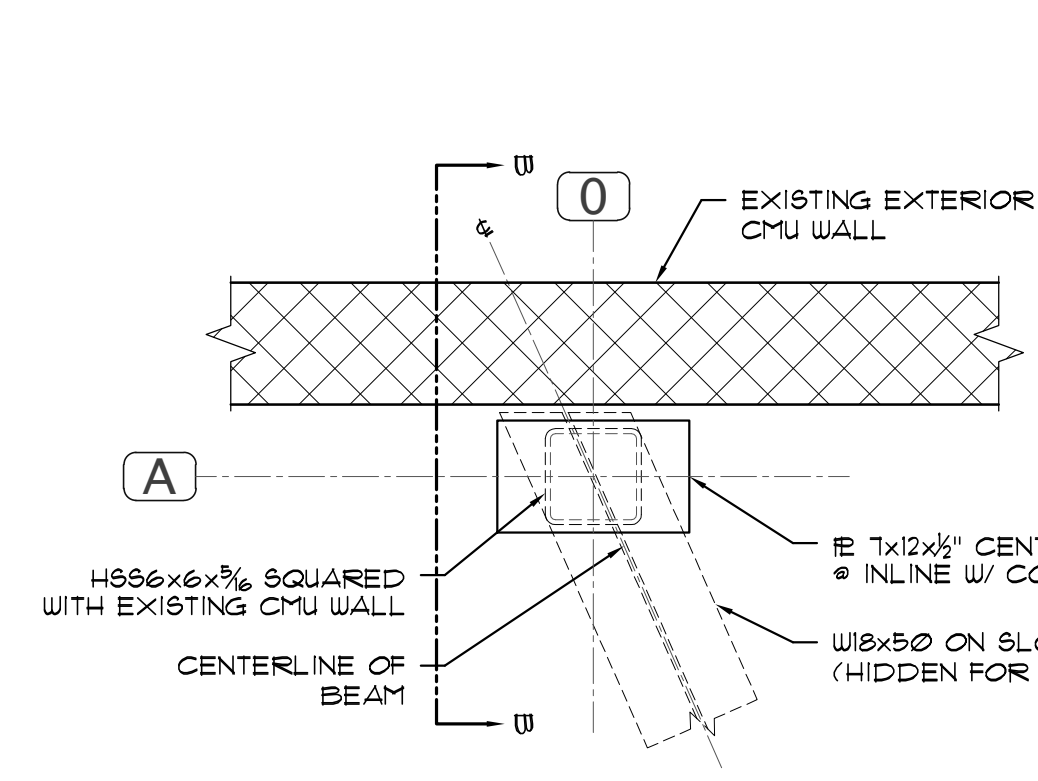
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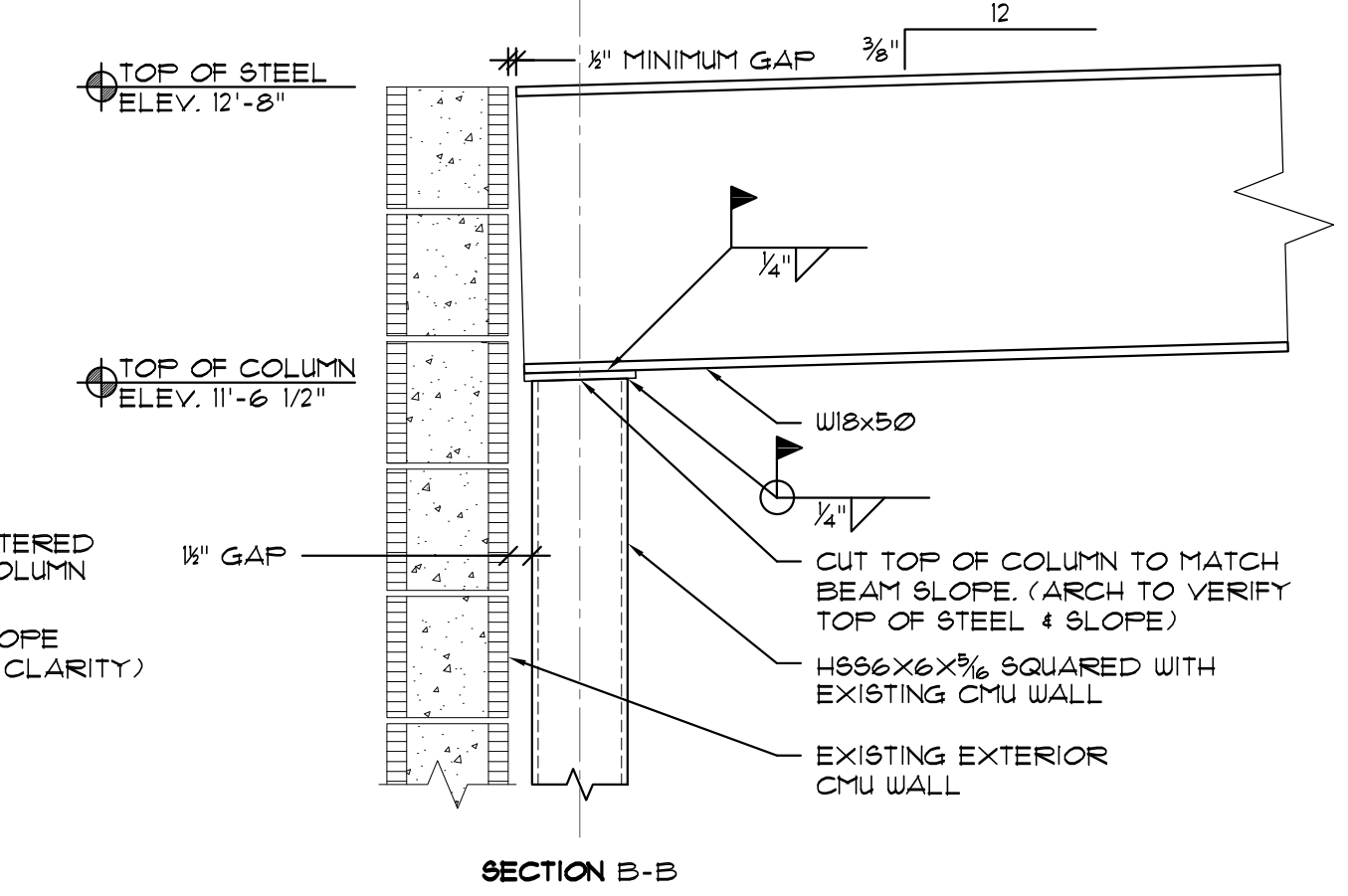
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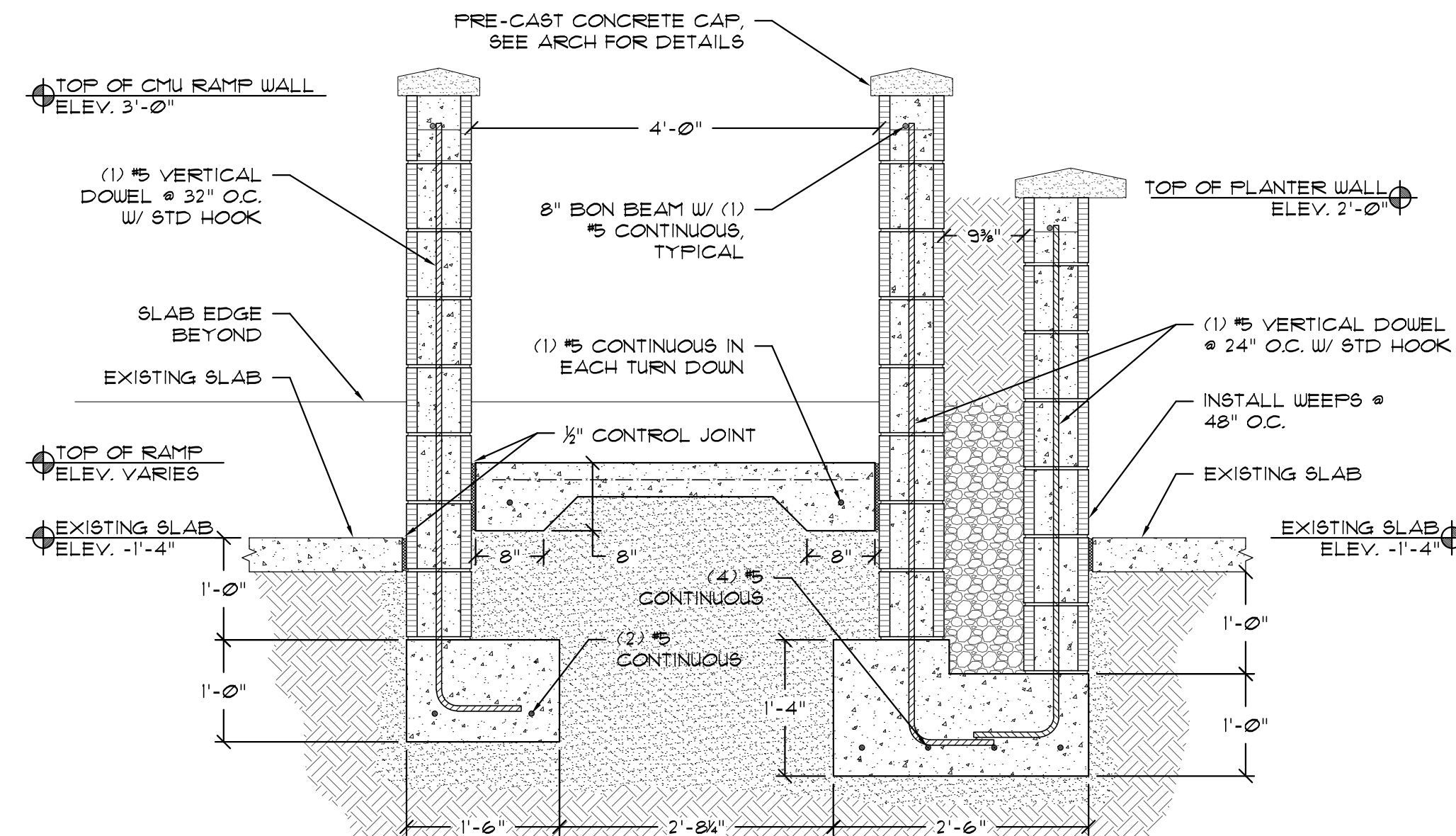
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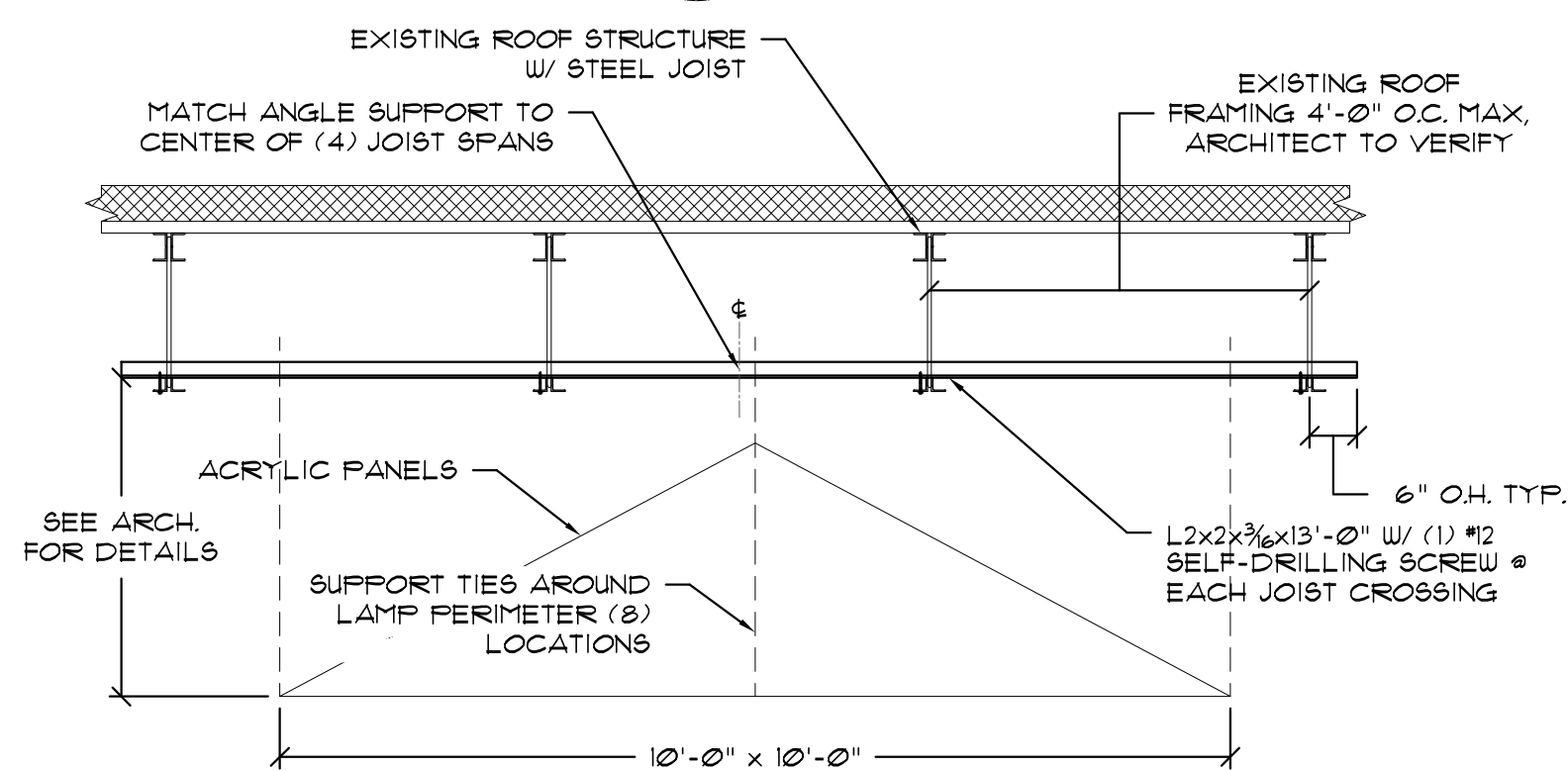
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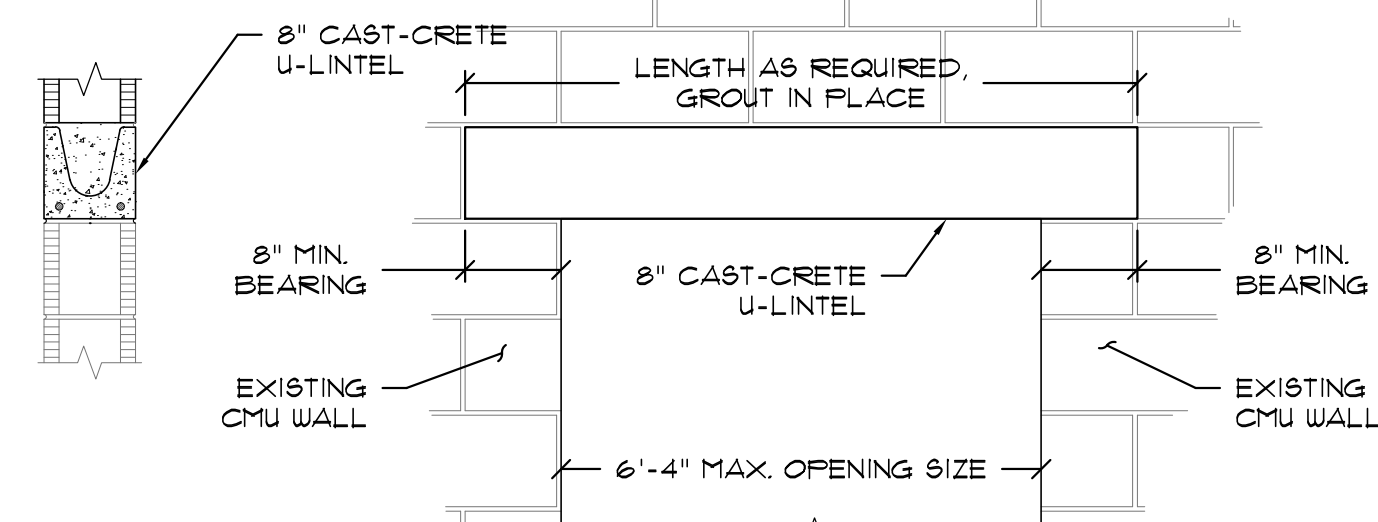
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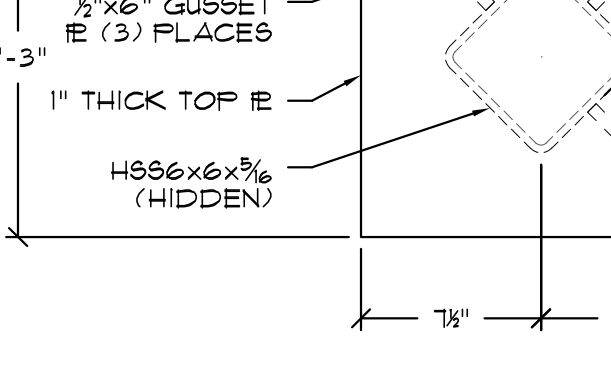
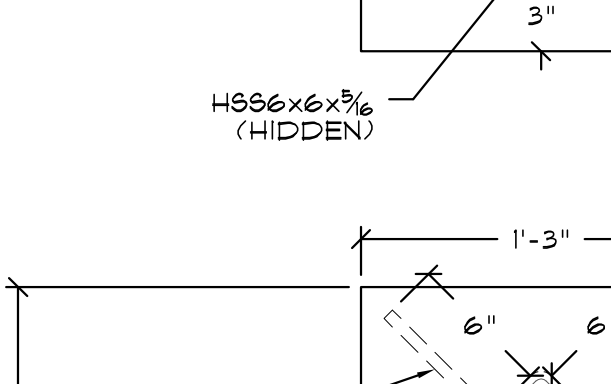
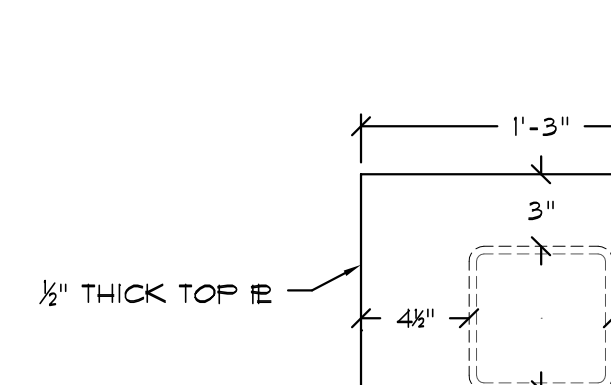
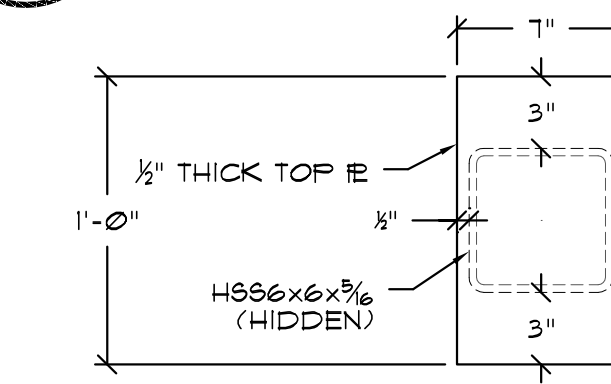
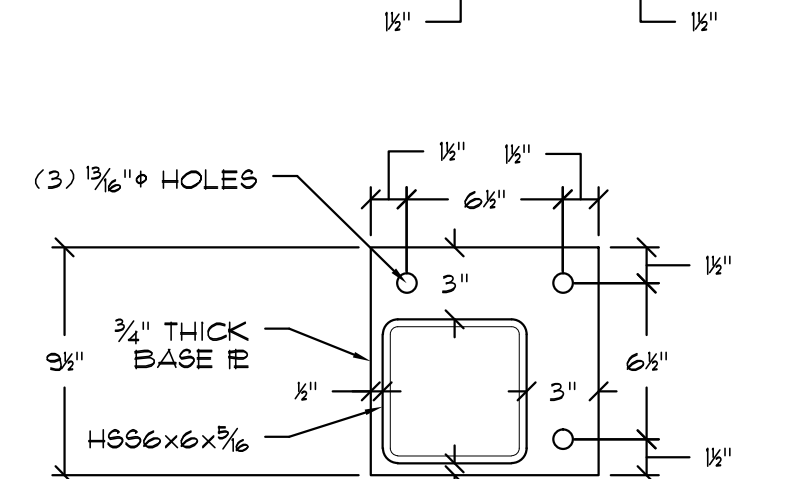
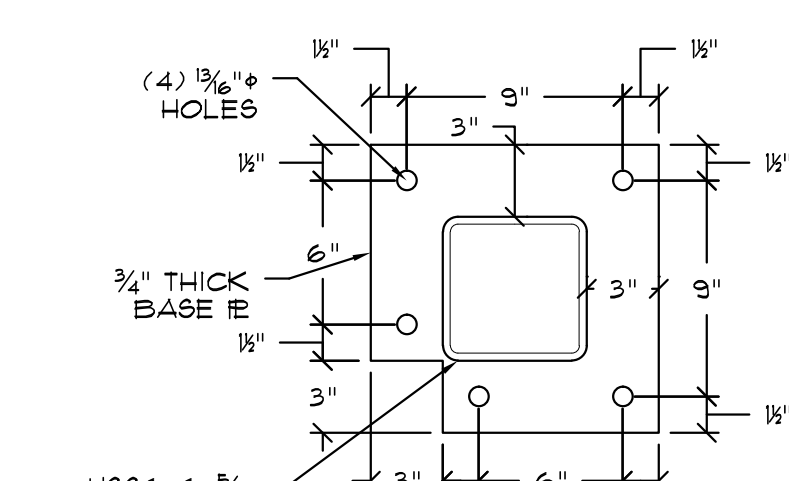
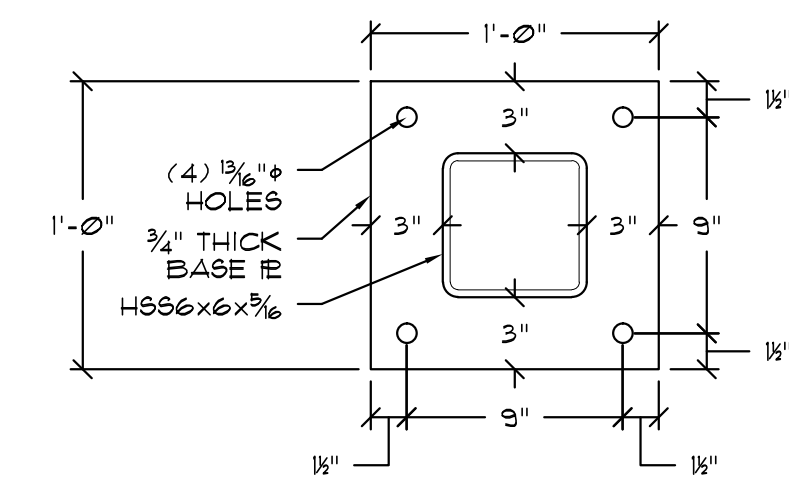
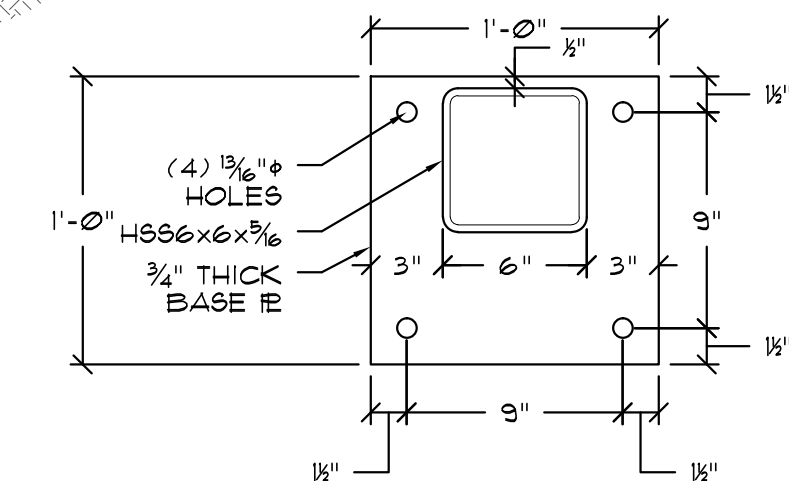
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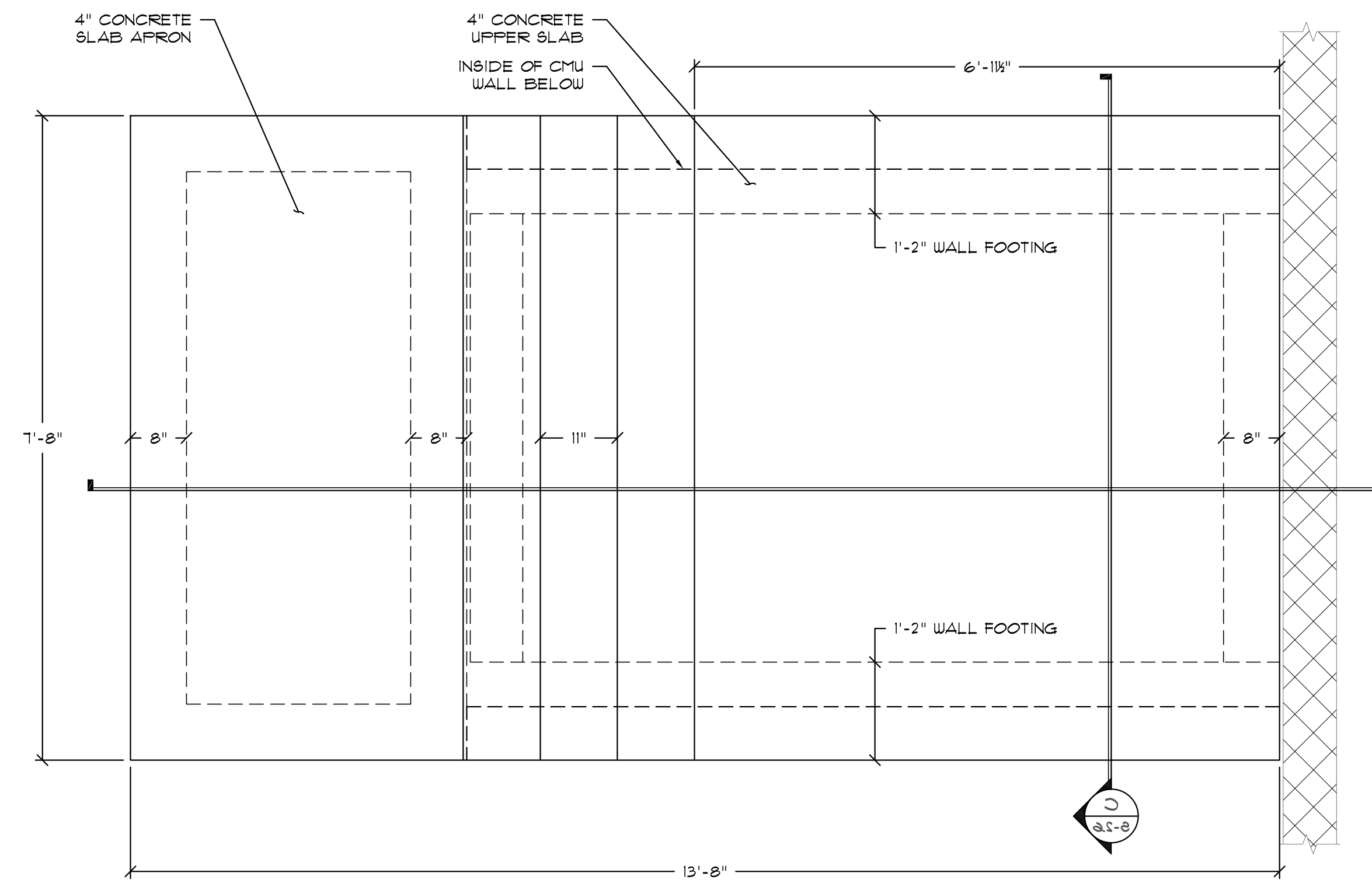


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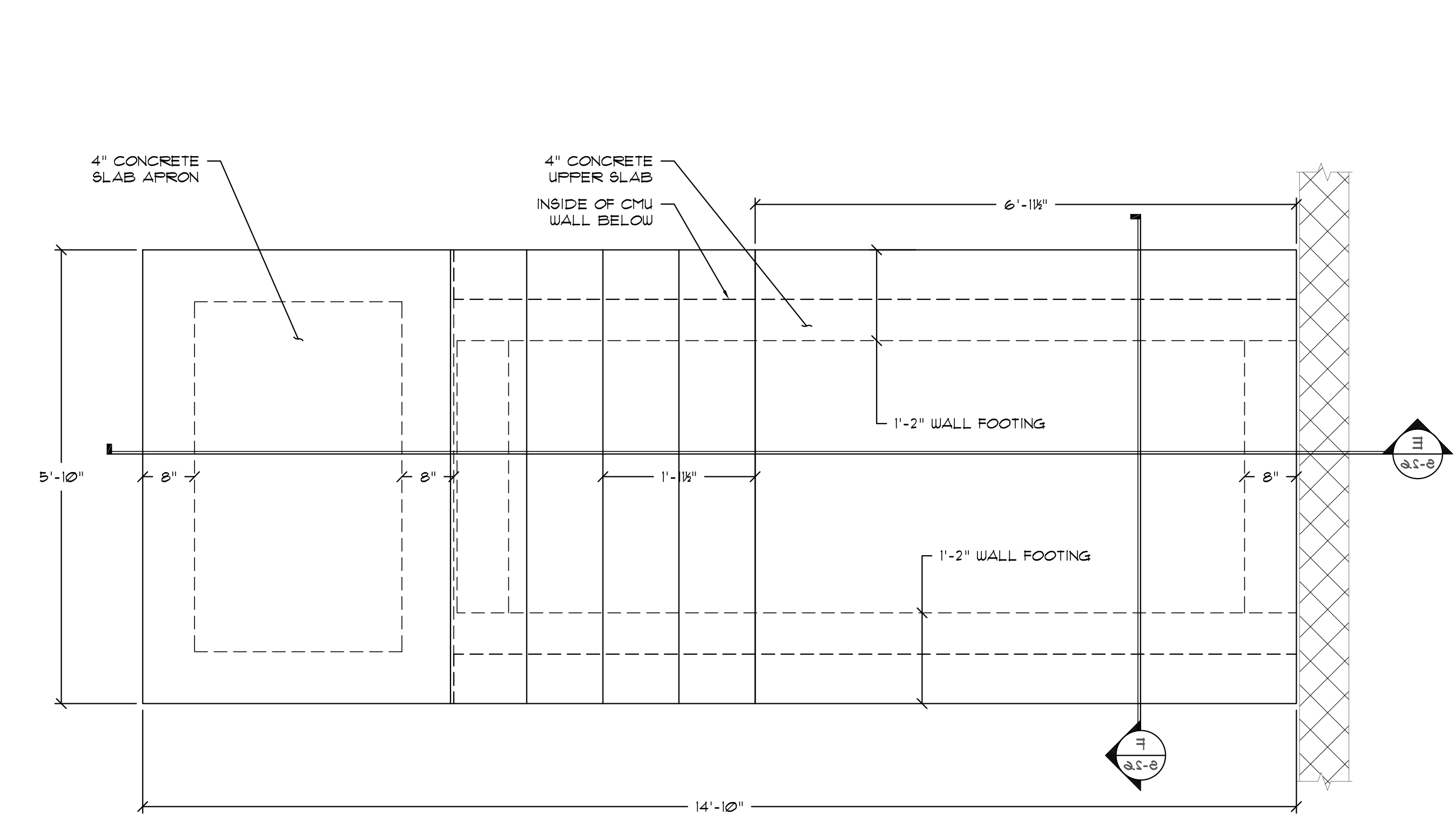
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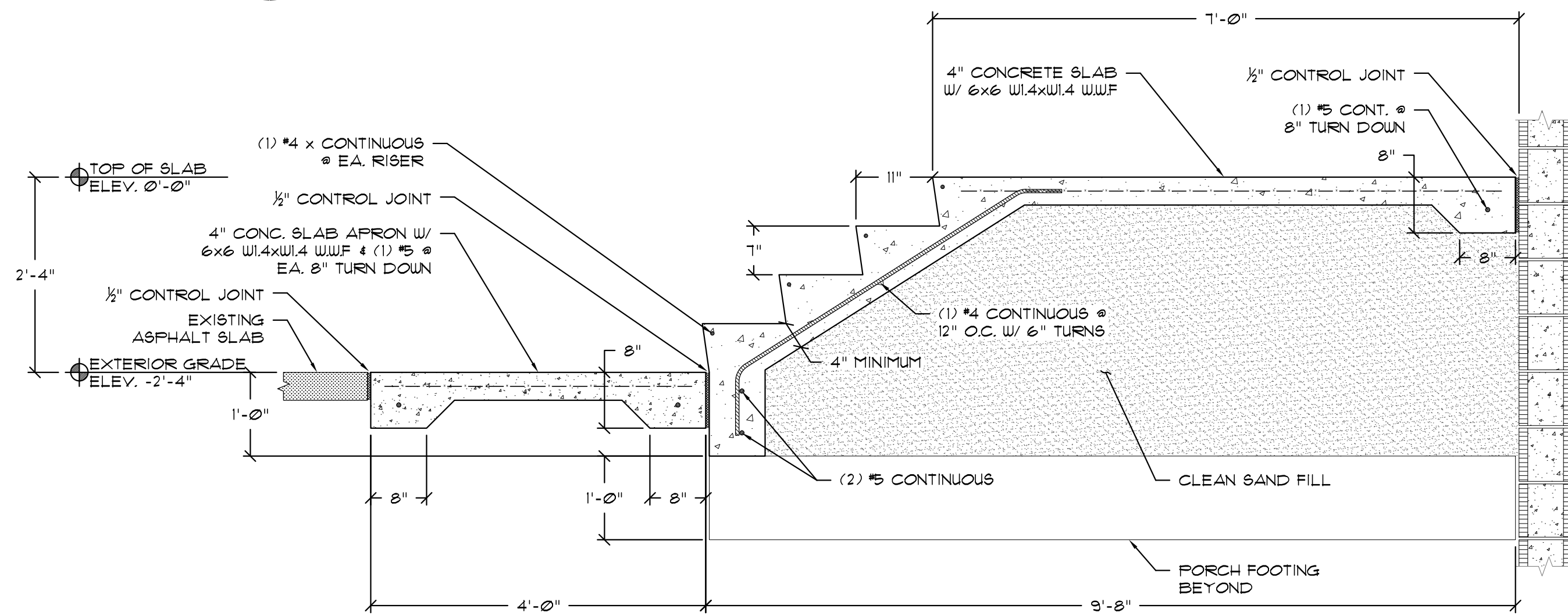
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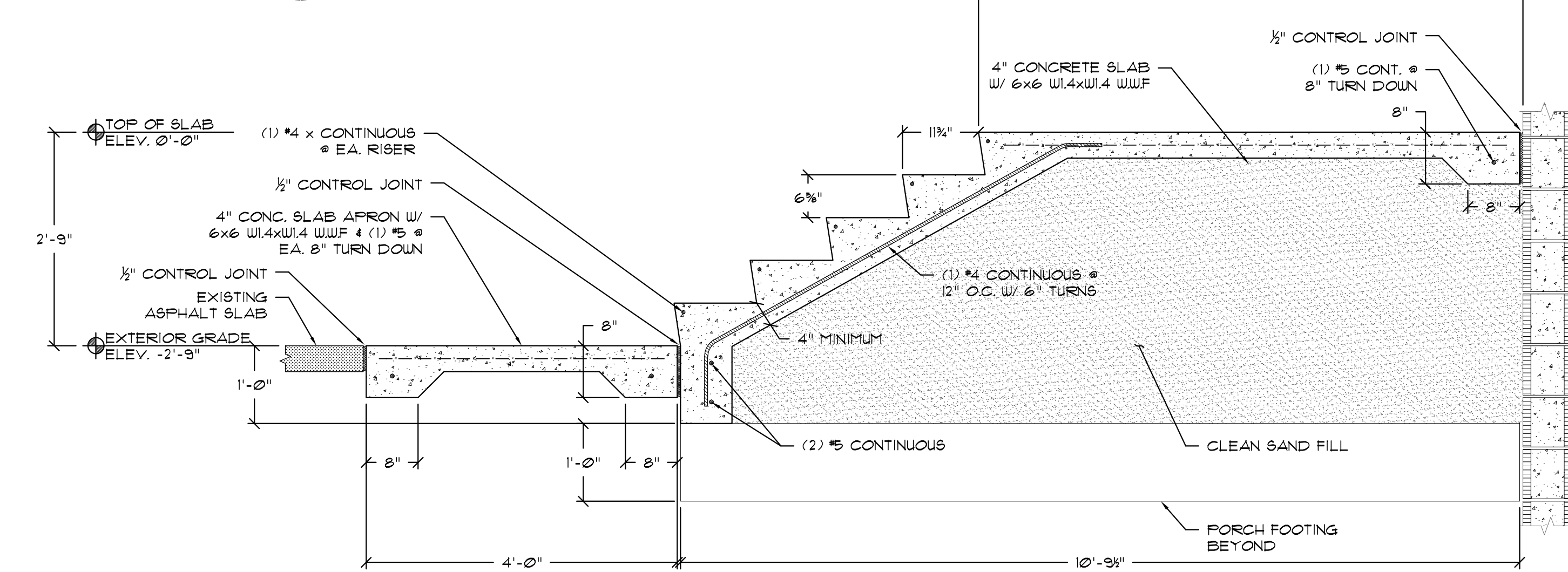
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S-2.6 SCALE 3/4"=1'-0"



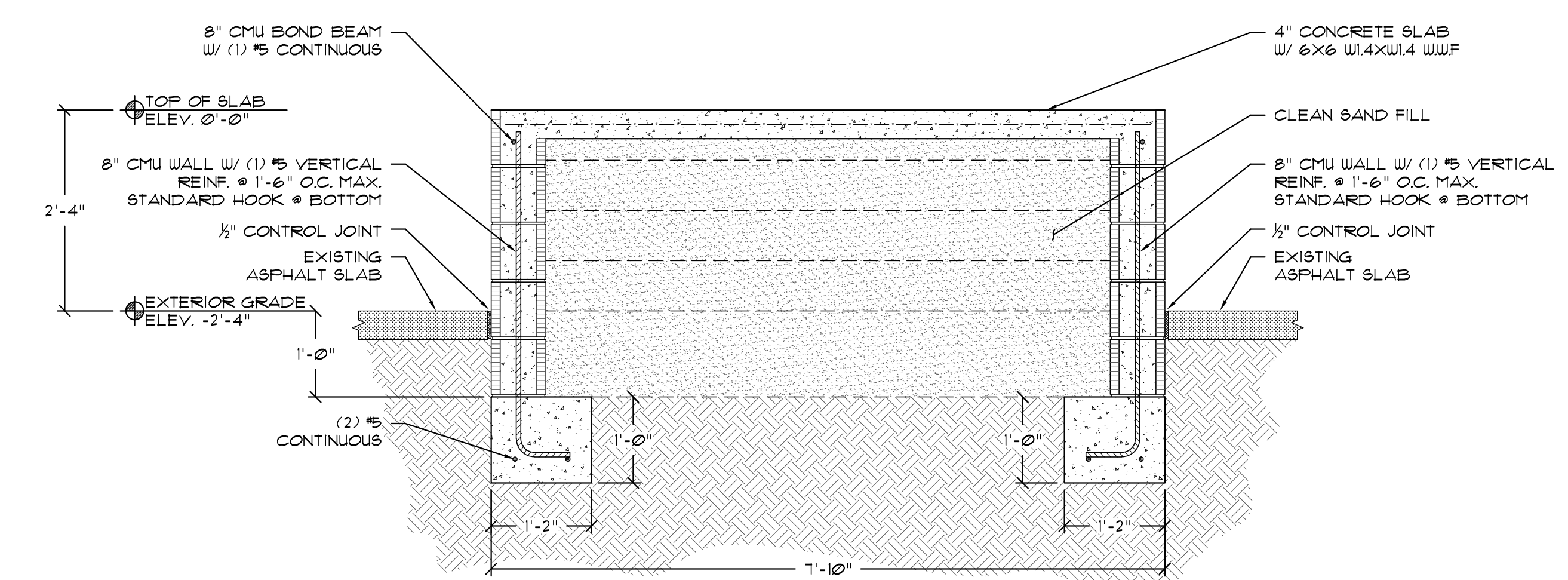
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S-2.6 SCALE 3/4"=1'-0"



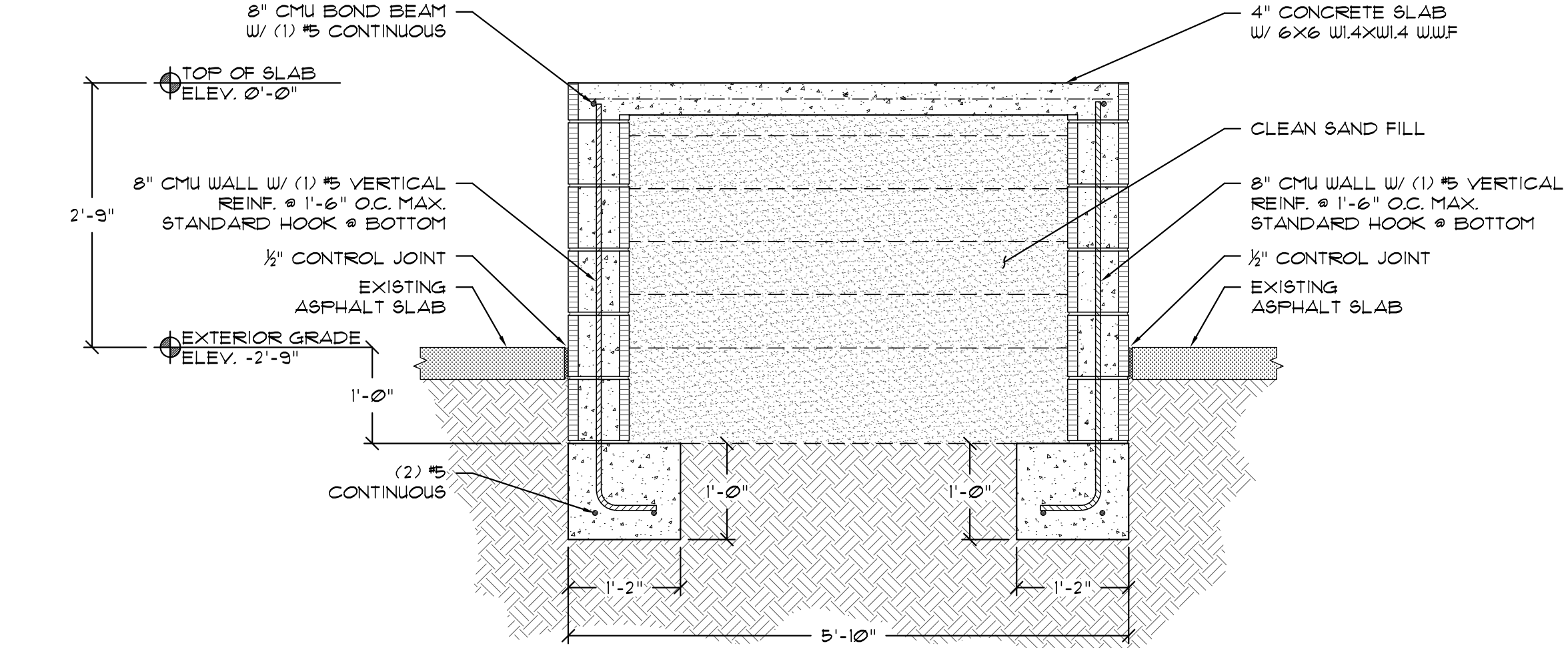
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E EXTERIOR STAIR SECTION @ STAIRWELL AREA
S-2.6 SCALE 3/4"=1'-0"



C EXTERIOR STAIR SECTION @ STAFF / WORK AREA
S-2.6 SCALE 3/4"=1'-0"

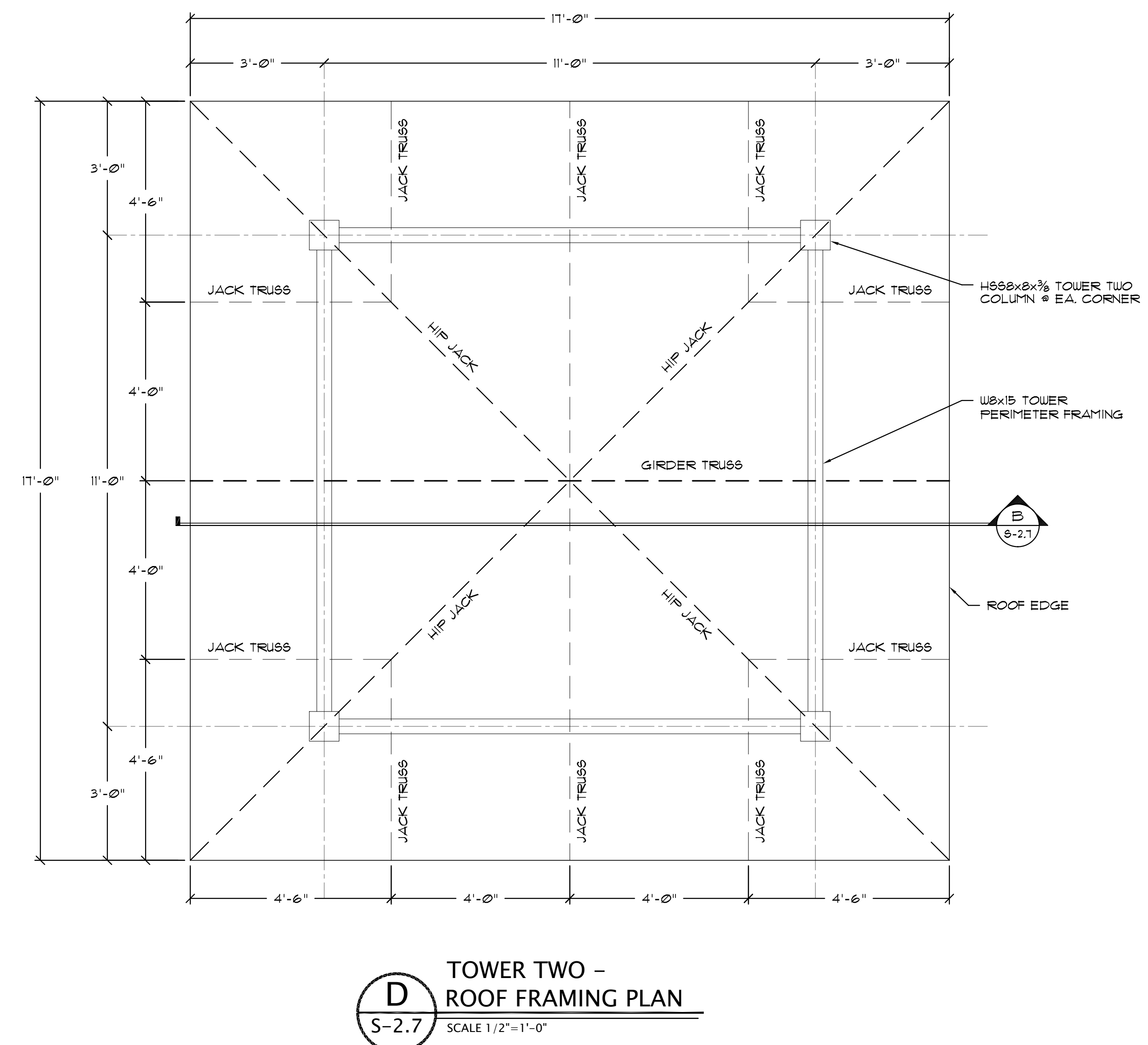
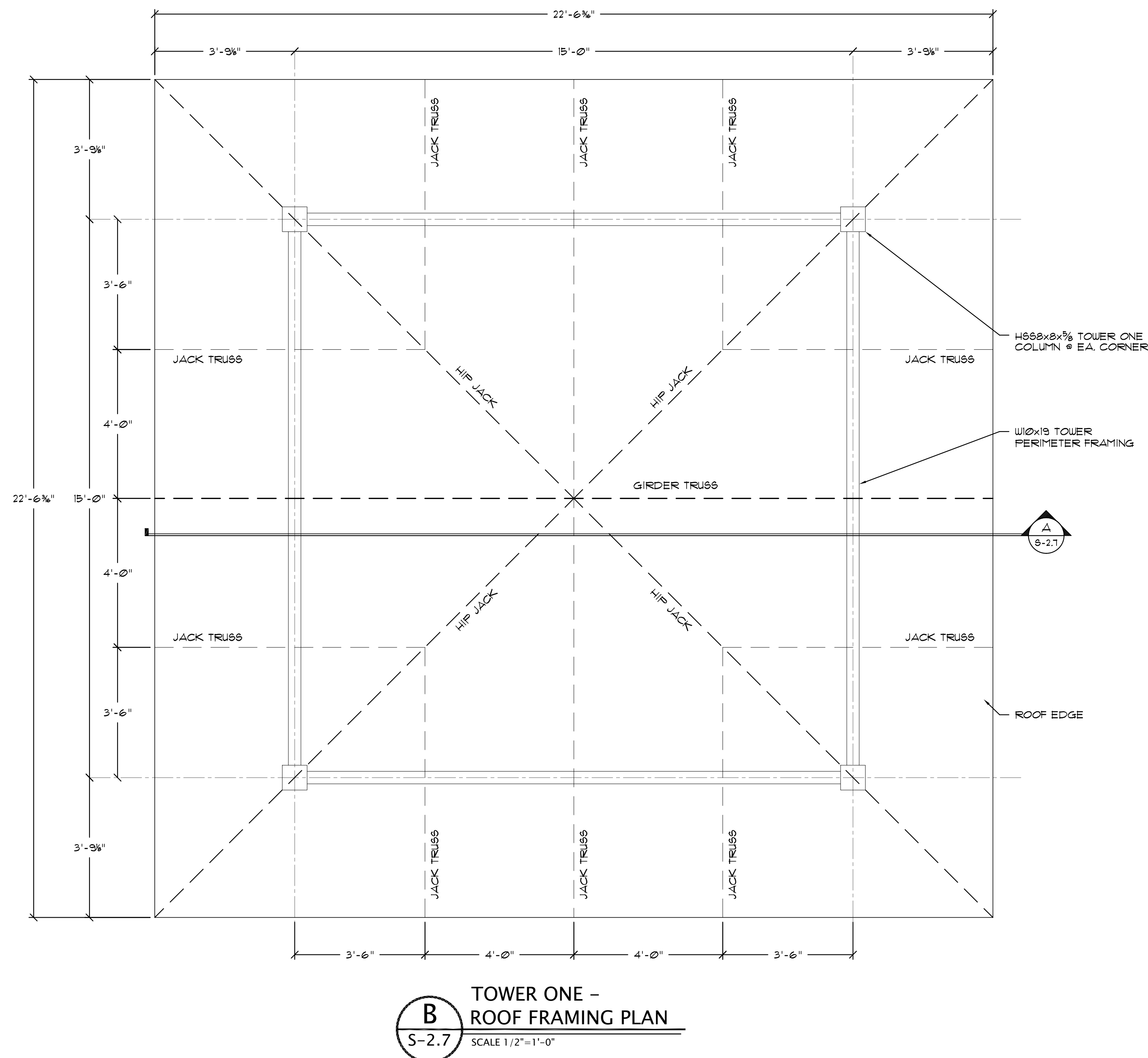
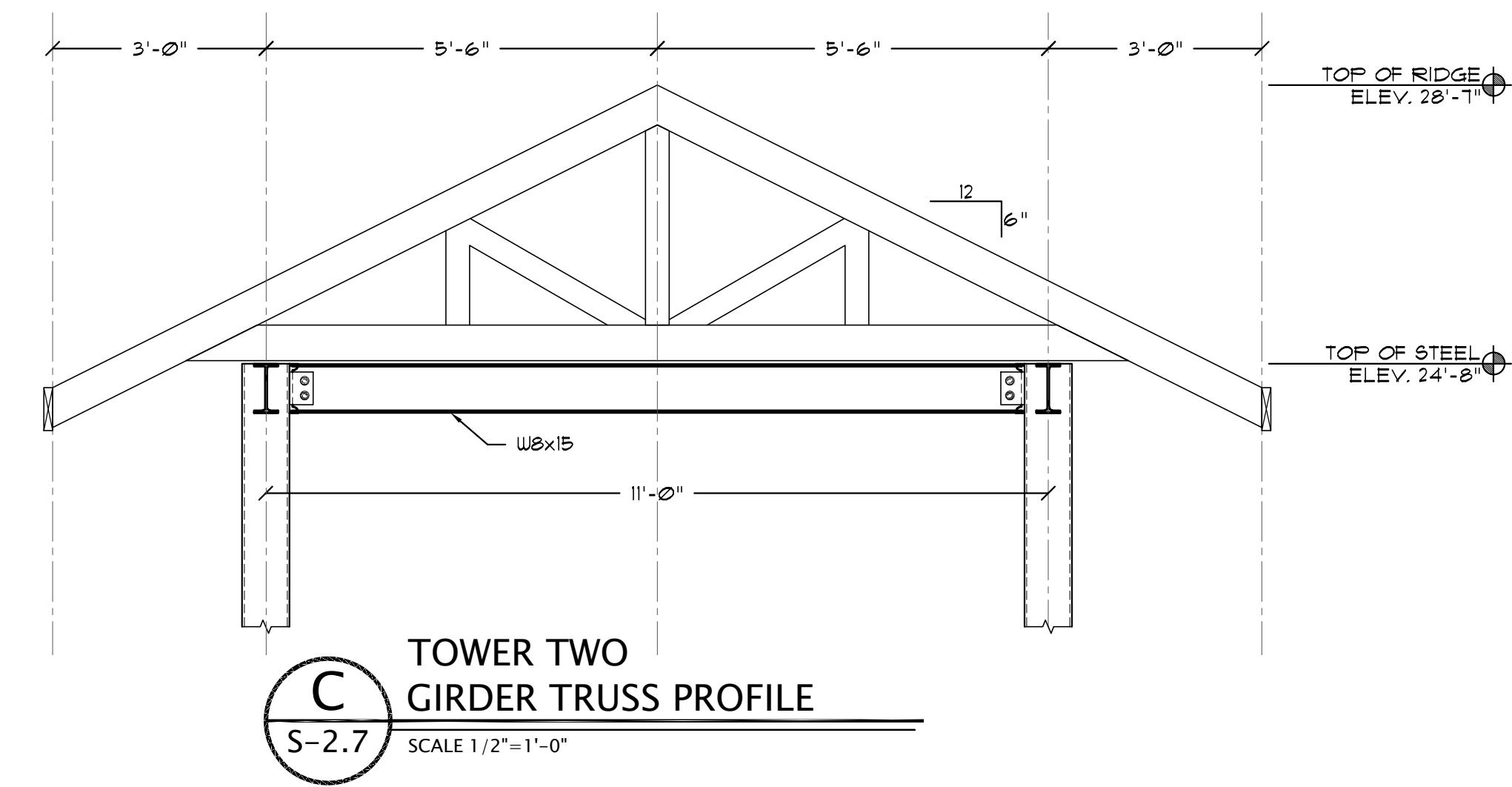
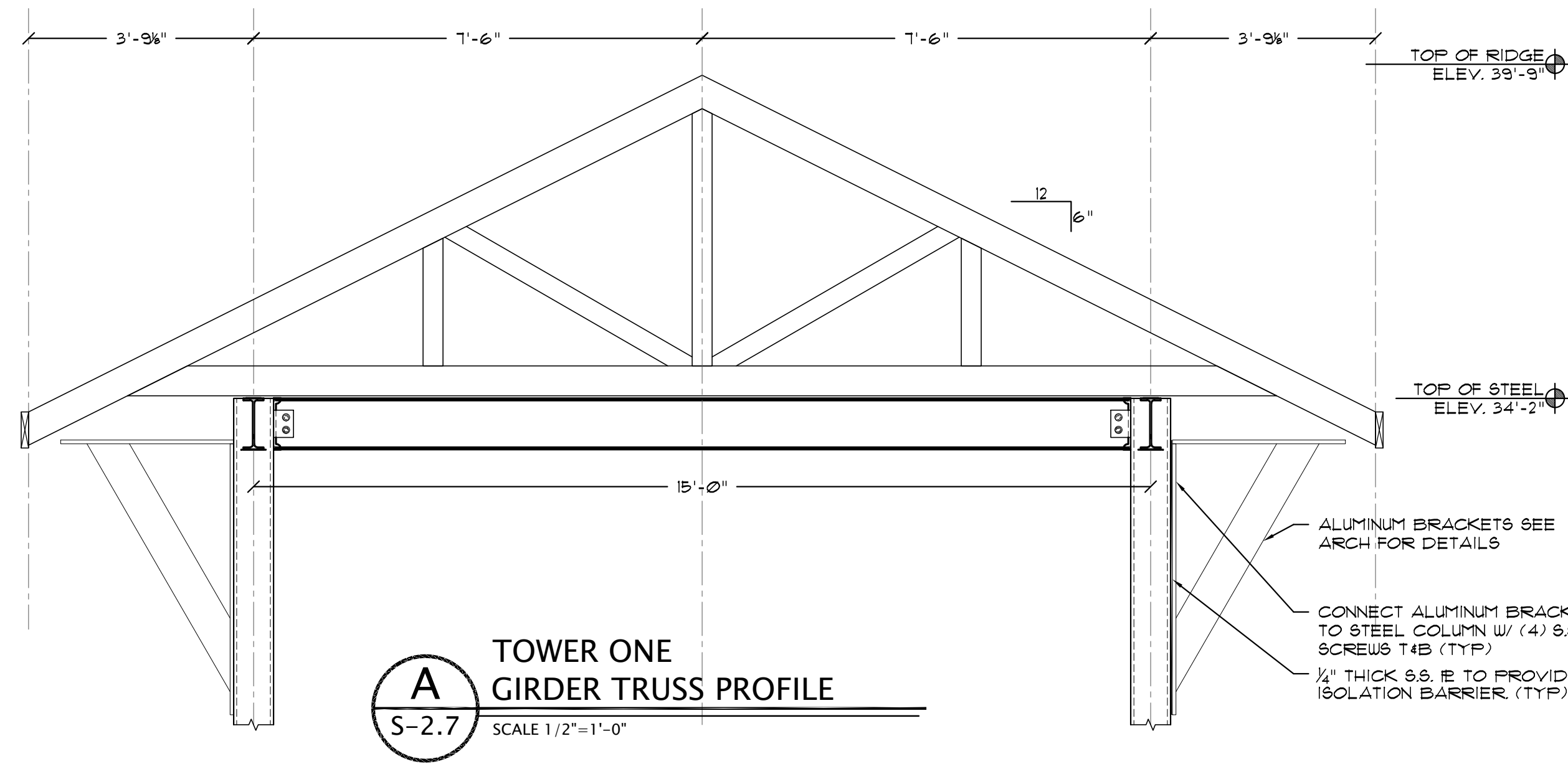


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CRS	100% DD	BVP		12/08/10
CRS	50% CD	BVP		03/08/11
CRS	PERMIT	BVP		05/20/11
CRS	BID DOC.	BVP		08/31/11

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GENERAL ELECTRICAL REQUIREMENTS

SECTION 16050 – BASIC ELECTRICAL MATERIALS AND METHODS

- ELECTRICAL COMPONENTS, DEVICES, AND ACCESSORIES: NEW, LISTED AND LABELED AS DEFINED IN NFPA 70, ARTICLE 100, BY A TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, AND MARKED FOR INTENDED USE.
- IDENTIFICATION DEVICE COLORS: USE THOSE PRESCRIBED BY ANSI A13.1, NFPA 70, AND THESE SPECIFICATIONS.
- COLOR ADHESIVE MARKING TAPE FOR RACEWAYS, WIRES, AND CABLES: SELF-ADHESIVE VINYL TAPE, NOT LESS THAN 1 INCH WIDE BY 3 MILS THICK (25 MM WIDE BY 0.08 MM THICK).
- TAPE MARKERS FOR CONDUCTORS: VINYL OR VINYL-CLOTH, SELF-ADHESIVE, WRAPAROUND TYPE WITH PREPRINTED NUMBERS AND LETTERS.
- ENGRAVED-PLASTIC LABELS, SIGNS, AND INSTRUCTION PLATES: ENGRAVING STOCK, MELAMINE PLASTIC LAMINATE PUNCHED OR DRILLED FOR MECHANICAL FASTENERS 1/16-INCH (1.6-MM) MINIMUM THICKNESS FOR SIGNS UP TO 20 SQ. IN. (129 SQ. CM) AND 1/8-INCH (3.2-MM) MINIMUM THICKNESS FOR LARGER SIZES. ENGRAVED LEGEND IN BLACK LETTERS ON WHITE BACKGROUND.
- PULL STRINGS: PROVIDE PULL STRINGS IN ALL SPARE OR EMPTY CONDUITS AND RACEWAYS.
- COORDINATE NAMES, ABBREVIATIONS, COLORS, AND OTHER DESIGNATIONS USED FOR ELECTRICAL IDENTIFICATION WITH CORRESPONDING DESIGNATIONS INDICATED IN THE CONTRACT DOCUMENTS OR REQUIRED BY CODES AND STANDARDS. USE CONSISTENT DESIGNATIONS THROUGHOUT PROJECT.
- CUT, CHANNEL, CHASE, AND DRILL WALLS, PARTITIONS, CEILINGS, AND OTHER SURFACES REQUIRED TO PERMIT ELECTRICAL INSTALLATIONS. PERFORM CUTTING BY SKILLED MECHANICS OF TRADES INVOLVED. SLEEVE ALL CABLE PENETRATIONS OF WALLS. SEAL ALL CONDUIT PENETRATIONS.
- REPAIR, REFRESH AND TOUCH UP DISTURBED FINISH MATERIALS AND OTHER SURFACES TO MATCH ADJACENT UNDISTURBED SURFACES.
- ALL WORK SHALL COMPLY WITH ALL CODES & STANDARDS LISTED ON THE PLANS.

SECTION 16060 – GROUNDING AND BONDING

- EQUIPMENT GROUNDING CONDUCTORS: COMPLY WITH NFPA 70, ARTICLE 250, FOR TYPES, SIZES, AND QUANTITIES OF EQUIPMENT GROUNDING CONDUCTORS, UNLESS SPECIFIC TYPES, LARGER SIZES, OR MORE CONDUCTORS THAN REQUIRED BY NFPA 70 ARE INDICATED.
- INSTALL INSULATED EQUIPMENT GROUNDING CONDUCTORS IN ALL FEEDERS AND BRANCH CIRCUITS (#12 AWG, MINIMUM).
- ALL GROUNDING CONDUCTORS SHALL BE COPPER; COMPLY WITH DIVISION 16 SECTION "CONDUCTORS AND CABLES" AND ASTM B, AS APPLICABLE.
- EQUIPMENT GROUNDING CONDUCTORS: INSULATED WITH GREEN-COLORED INSULATION.

SECTION 16120 – CONDUCTORS AND CABLES

- CONDUCTOR MATERIAL: COPPER COMPLYING WITH NEMA WC 5 OR 7; SOLID CONDUCTOR FOR NO. 10 AWG AND SMALLER, STRANDED FOR NO. 8 AWG AND LARGER. ALUMINUM CONDUCTORS NOT PERMITTED.
- CONDUCTOR INSULATION TYPES: TYPE THHN-THWN COMPLYING WITH NEMA WC 5 OR WC 7.
- TYPE NM CABLE: NOT PERMITTED.
- TYPE MC CABLE: NOT PERMITTED.
- EXPOSED FEEDERS, AND FEEDERS CONCEALED IN CONCRETE OR BELOW SLAB OR BELOW GRADE: TYPE THHN-THWN, SINGLE CONDUCTORS IN RACEWAY.
- BRANCH CIRCUITS & FEEDERS CONCEALED IN CEILINGS, WALLS, AND PARTITIONS: TYPE THHN-THWN, SINGLE CONDUCTORS IN RACEWAY.
- CONCEAL CABLES AND RACEWAYS IN FINISHED WALLS, CEILINGS, AND FLOORS, WHERE POSSIBLE.
- USE MANUFACTURER-APPROVED PULLING COMPOUND OR LUBRICANT WHERE NECESSARY; COMPOUND USED MUST NOT DETERIORATE CONDUCTOR OR INSULATION. DO NOT EXCEED MANUFACTURER'S RECOMMENDED MAXIMUM PULLING TENSIONS AND SIDEWALL PRESSURE VALUES.
- INSTALL EXPOSED CABLES PARALLEL AND PERPENDICULAR TO SURFACES OF EXPOSED STRUCTURAL MEMBERS, AND FOLLOW SURFACE CONTOURS WHERE POSSIBLE.
- MAKE SPLICES AND TAPS THAT ARE COMPATIBLE WITH CONDUCTOR MATERIAL AND THAT POSSESS EQUIVALENT OR BETTER MECHANICAL STRENGTH AND INSULATION RATINGS THAN UNSPLICED CONDUCTORS.
- WRING AT OUTLETS: INSTALL CONDUCTOR AT EACH OUTLET, WITH AT LEAST 6 INCHES (150 MM) OF SLACK.

SECTION 16130 – RACEWAYS AND BOXES

- ELECTRICAL COMPONENTS, DEVICES, AND ACCESSORIES: LISTED AND LABELED AS DEFINED IN NFPA 70, ARTICLE 100, BY A TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, AND MARKED FOR INTENDED USE. UNLESS OTHERWISE NOTED, PROVIDE NEMA 1 ENCLOSURES IN INDOOR LOCATIONS, NEMA 3R ENCLOSURES IN OUTDOOR LOCATIONS.
- MINIMUM RACEWAY SIZE: 1/2" FOR BRANCH CIRCUITS (20A); 3/4" FOR HOMERUNS AND FEEDERS; 1" FOR COMMUNICATIONS STUB-UPS.
- KEEP RACEWAYS AT LEAST 6 INCHES (150 MM) AWAY FROM PARALLEL RUNS OF HOT-WATER PIPES. INSTALL HORIZONTAL RACEWAY RUNS ABOVE WATER PIPING.
- PROTECT STUB-UPS FROM DAMAGE WHERE CONDUITS RISE THROUGH FLOOR SLABS. ARRANGE SO CURVED PORTIONS OF BENDS ARE NOT VISIBLE ABOVE FINISHED SLAB.
- MAKE BENDS AND OFFSETS SO ID IS NOT REDUCED. KEEP LEGS OF BENDS IN SAME PLANE AND KEEP STRAIGHT LEGS OF OFFSETS PARALLEL, UNLESS OTHERWISE INDICATED.
- CONCEAL CONDUIT AND EMT WITHIN FINISHED WALLS AND CEILINGS, IN AREAS WITH NO CEILING, HORIZONTAL RACEWAYS SHALL BE INSTALLED ABOVE MECHANICAL SYSTEMS AND DUCTWORK.
- INSTALL EXPOSED RACEWAYS PARALLEL OR AT RIGHT ANGLES TO NEARBY SURFACES OR STRUCTURAL MEMBERS AND FOLLOW SURFACE CONTOURS AS MUCH AS POSSIBLE.
- FLEXIBLE CONNECTIONS: USE MAXIMUM OF 72 INCHES (1830 MM) OF FLEXIBLE CONDUIT FOR RECESSED AND SEMIRECESSED LIGHTING FIXTURES; FOR EQUIPMENT SUBJECT TO VIBRATION, NOISE TRANSMISSION, OR MOVEMENT, AND FOR ALL MOTORS. USE LFMC IN DAMP OR WET LOCATIONS. INSTALL SEPARATE GROUND CONDUCTOR ACROSS FLEXIBLE CONNECTIONS.
- EMT SHALL BE USED UNLESS ALTERNATIVE MATERIALS ARE APPROVED BY OWNER IN ADVANCE. USE OR INSTALLATION OF ENT ("SMURF") SHALL NOT BE PERMITTED.

SECTION 16140 – WIRING DEVICES

- STRAIGHT-BLADE-TYPE RECEPTACLES: COMPLY WITH NEMA WD 1, NEMA WD 6, DSCC W-C-5966, AND UL 498. STRAIGHT-BLADE AND LOCKING RECEPTACLES: HEAVY-DUTY GRADE.
- GFI RECEPTACLES: STRAIGHT BLADE, HEAVY-DUTY GRADE, WITH INTEGRAL NEMA WD 6, CONFIGURATION 5-20R DUPLEX RECEPTACLE; COMPLYING WITH UL 498 AND UL 943. DESIGN UNITS FOR INSTALLATION IN A 2-3/4-INCH-(70-MM-) DEEP OUTLET BOX WITHOUT AN ADAPTER.
- SINGLE- AND DOUBLE-POLE SWITCHES: COMPLY WITH DSCC W-C-896F AND UL 20.
- SNAP SWITCHES: HEAVY-DUTY GRADE, QUIET TYPE.
- FINISHES: WHITE, UNLESS OTHERWISE INDICATED OR REQUIRED BY NFPA 70. ALL WALL PLATES AND DEVICE TRIM SHALL BE STAINLESS STEEL.
- INSTALL DEVICES AND ASSEMBLIES LEVEL, PLUMB, AND SQUARE WITH BUILDING LINES.
- ARRANGEMENT OF DEVICES: UNLESS OTHERWISE INDICATED, MOUNT FLUSH, WITH LONG DIMENSION VERTICAL. GROUP ADJACENT SWITCHES UNDER SINGLE, MULTIGANG WALL PLATES.
- REMOVE WALL PLATES AND PROTECT DEVICES AND ASSEMBLIES DURING PAINTING.
- ADJUST LOCATIONS OF FLOOR SERVICE OUTLETS AND SERVICE POLES TO SUIT ARRANGEMENT OF PARTITIONS AND FURNISHINGS.
- AFTER INSTALLING WIRING DEVICES AND AFTER ELECTRICAL CIRCUITRY HAS BEEN ENERGIZED, TEST FOR PROPER POLARITY, GROUND CONTINUITY, AND COMPLIANCE WITH REQUIREMENTS.
- TEST GFI OPERATION WITH BOTH LOCAL AND REMOTE FAULT SIMULATIONS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

SECTION 16410 – ENCLOSED SWITCHES

- ENCLOSED SWITCHES SHALL BE MANUFACTURED BY SQUARE-D, CUTLER-HAMMER, GE, OR SIEMENS.
- EXTERIOR ENCLOSED SWITCHES SHALL BE LOCKABLE.
- MOUNT INDIVIDUAL WALL-MOUNTING SWITCHES WITH TOPS AT UNIFORM HEIGHT, UNLESS OTHERWISE INDICATED.
- ENCLOSED SWITCHES SHALL BE UL LISTED FOR THE APPLICATION USED;
- ENCLOSURES SHALL BE NEMA 1 FOR INDOORS, NEMA 3R FOR OUTDOORS.
- FIELD-COORDINATE EXACT LOCATION OF SWITCHES WITH EQUIPMENT SERVED, AND OTHER TRADES, TO ASSURE MINIMUM N.E.C. CLEARANCE REQUIREMENTS ARE MET.
- ALL SWITCHES AND DISCONNECTS MUST BE LABELLED PER 16050-5.

SECTION 16442 – PANELBOARDS

- MANUFACTURERS: PANELBOARDS SHALL BE MANUFACTURED BY SQUARE-D, GE, OR SIEMENS.
- ENCLOSURES: FLUSH- AND SURFACE-MOUNTED CABINETS. NEMA PB 1, TYPE 1, OR TYPE 3R AS INDICATED.
- PHASE AND GROUND BUSES: HARD-DRAWN COPPER, 98 PERCENT CONDUCTIVITY.
- SERVICE EQUIPMENT LABEL: UL LABELED FOR USE AS SERVICE EQUIPMENT FOR PANELBOARDS WITH MAIN SERVICE DISCONNECT SWITCHES.
- FUTURE DEVICES: MOUNTING BRACKETS, BUS CONNECTIONS, AND NECESSARY APPURTENANCES REQUIRED FOR FUTURE INSTALLATION OF DEVICES.
- PANELBOARD SHORT-CIRCUIT RATING: FULLY RATED TO INTERRUPT SYMMETRICAL SHORT-CIRCUIT CURRENT LISTED ON PANEL SCHEDULE.
- MAIN OVERCURRENT PROTECTIVE DEVICES (WHERE REQUIRED): CIRCUIT BREAKER.
- MOLDED-CASE CIRCUIT BREAKER: UL 489, WITH INTERRUPTING CAPACITY TO MEET AVAILABLE FAULT CURRENTS.
- PROVIDE AS-BUILT PANEL DIRECTORIES, CLEARLY INDICATING DEVICES/EQUIPMENT SERVED AND LOCATION (E.G. "RECEPTACLES-RM 101").
- ALL PANELBOARDS MUST BE LABELLED PER 16050-5.





































SECTION 16511 – LIGHTING

- LIGHTING FIXTURES: PER LIGHTING FIXTURE SCHEDULE.
- UNLESS OTHERWISE INDICATED, FLUORESCENT BALLASTS SHALL BE ELECTRONIC, SOUND RATING A, THD LESS THAN 20%, CURRENT CREST FACTOR LESS THAN 1.7, OPERATING FREQUENCY GREATER THAN 20KHZ.
- WHERE EXIT SIGNS ARE USED, THEY SHALL BE LED-TYPE.
- FIXTURES: SET LEVEL, PLUMB, AND SQUARE WITH CEILINGS AND WALLS. INSTALL LAMPS IN EACH FIXTURE.
- PROVIDE BLOCKING, BACKBOXES, SUPPORTS, AND OTHER HARDWARE AS NEEDED FOR A COMPLETE FUNCTIONAL INSTALLATION.
- FOR EMERGENCY LIGHTING, PROVIDE UNSWITCHED NORMAL POWER CONDUCTOR AS INDICATED ON THE PLANS.
- ALL LAMPS SHALL BE 410K, CRI GREATER OR EQUAL TO 80.

SECTION 16721 – FIRE ALARM

- THE CONTRACTOR SHALL FURNISH ALL LABOR AND EQUIPMENT FOR THE COMPLETE INSTALLATION OF THE FIRE ALARM SYSTEM AND SHALL POSSESS THE APPROPRIATE EC OR E.F. LICENSE AS REQUIRED BY THE STATE OF FLORIDA. CERTIFICATION AS NICET (NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES) ENGINEER, LEVEL III, IS ALSO REQUIRED.
- NEW FIRE ALARM SYSTEM SHALL BE ADDRESSIBLE SYSTEM, WITH INTEGRAL DACT. BASIS OF DESIGN IS SIMPLEX 4010 WITH TRUEALARM DETECTORS; HOWEVER, EQUAL SYSTEMS MAY BE ACCEPTABLE FROM OTHER MANUFACTURERS, INCLUDING: FEDERAL SIGNAL CORPORATION, FIRE CONTROL INSTRUMENTS, FIRE LITE ALARMS, GAMEWELL, NOTIFIER, SIEMENS BUILDING TECHNOLOGIES, SILENT KNIGHT, EDWARDS.
- THE FIRE ALARM SYSTEM SHALL BE INSTALLED, INSPECTED, TESTED AND CERTIFIED PER APPROPRIATE NFPA 12, 12A, 70, 72, 72E, 90A AND 101. ANY OTHER APPLICABLE CODE SHALL APPLY TO MEET STATE OF FLORIDA AND FIRE MARSHAL REQUIREMENTS. THE EQUIPMENT SHALL BE APPROVED BY UNDERWRITERS LABORATORIES, INC., SHALL COMPLY WITH NFPA CODES AND REGULATIONS AND MEET REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT.
- IN ADDITION TO DEVICES SHOWN ON THE PLAN, THE CONTRACTOR SHALL PROVIDE ALL CARDS, MODULES, POWER SUPPLIES, CABLING, AND OTHER EQUIPMENT AS MAY BE NECESSARY TO SUPPORT ALL DEVICES SHOWN.
- THE FIRE ALARM SYSTEM CONTRACTOR SHALL BE RESPONSIBLE FOR A PERIOD OF ONE YEAR FOR EQUIPMENT, MATERIALS AND WORKMANSHIP OF THE SYSTEM, AS SHOWN ON THESE PLANS.
- NEW NOTIFICATION DEVICES SHALL BE RATED FOR 75CD (MINIMUM) VISUAL ANNUNCIATION.
- CONTRACTOR SHALL TEST AND CERTIFY SYSTEM PRIOR TO COMPLETION OF THE PROJECT.
- PROVIDE A SKILLED, TRAINED TECHNICIAN ON-SITE TO TRAIN OWNER'S REPRESENTATIVE ON OPERATION AND MAINTENANCE OF SYSTEM.
- FIRE ALARM CONTRACTOR SHALL PROVIDE COMPLETE SYSTEM PLANS AND CALCULATIONS, AND APPLY FOR AND OBTAIN A SEPARATE PERMIT FOR ALL FIRE ALARM WORK.

LEGEND

-  120V/20A DUPLEX RECEPTACLE. NEW RECEPTACLES SHALL BE MOUNTED 18" A.F.F., UNLESS NOTED OTHERWISE. PROVIDE WHITE DEVICE.
-  120V/20A DUPLEX RECEPTACLE, ABOVE WORK SURFACE. NEW RECEPTACLES SHALL BE MOUNTED 44" A.F.F., UNLESS NOTED OTHERWISE. PROVIDE WHITE DEVICE.
-  120V/20A DUPLEX RECEPTACLE, WITH INTEGRAL GFI PROTECTION. NEW RECEPTACLES SHALL BE MOUNTED 18" A.F.F., UNLESS NOTED OTHERWISE. PROVIDE WHITE DEVICE. "WP" INDICATES CAST-ALUMINUM WEATHERPROOF-IN-USE COVER.
-  120V/20A DUPLEX RECEPTACLE, WITH INTEGRAL GFI PROTECTION. NEW RECEPTACLES SHALL BE MOUNTED 44" A.F.F., UNLESS NOTED OTHERWISE. PROVIDE WHITE DEVICE.
-  120V/20A QUAD RECEPTACLE. NEW RECEPTACLES SHALL BE MOUNTED 18" A.F.F., UNLESS NOTED OTHERWISE. PROVIDE WHITE DEVICE.
-  NEW RECESSED FLOORBOX, WITH 20A/120V DUPLEX RECEPTACLE, AND FLUSH-MOUNTED COVER.
-  NEW DUAL-SERVICE FLOORBOX, WITH 20A/120V QUAD RECEPTACLE, AND COMMUNICATIONS OUTLET. PROVIDE 1" C. (FOR COMMS) TO ACCESSIBLE CEILING SPACE. CABLING BY OTHERS.
-  COMMUNICATIONS OUTLET. PROVIDE DOUBLE-GANG DEVICE BOX WITH SINGLE-GANG MUD-RING, WITH 1" C. STUBBED INTO ACCESSIBLE CEILING SPACE. MAXIMUM OF (2) OUTLETS PER STUB-UP. CABLING BY OTHERS. MOUNT 18" A.F.F., UNLESS NOTED OTHERWISE.
-  COMMUNICATIONS OUTLET, ABOVE WORK SURFACE. PROVIDE DOUBLE-GANG DEVICE BOX WITH SINGLE-GANG MUD-RING, WITH 1" C. STUBBED INTO ACCESSIBLE CEILING SPACE. MAXIMUM OF (2) OUTLETS PER STUB-UP. CABLING BY OTHERS. MOUNT 44" A.F.F., UNLESS NOTED OTHERWISE.
-  120V/20A QUIET-TYPE SNAP SWITCH. SWITCHES SHALL BE MOUNTED 44" A.F.F., UNLESS NOTED OTHERWISE. WHITE DEVICE.
-  AUTOMATIC DUAL-TECHNOLOGY WALL SWITCH WITH INTEGRAL OCCUPANCY SENSOR. MOUNT 44" A.F.F.; EQUAL TO GREENGATE #ONW-D.
-  2 X 4 STATIC TROFFER LIGHTING FIXTURE.
-  4FT PENDANT LIGHTING FIXTURE.
-  4FT SURFACE-MOUNTED LIGHTING FIXTURE.
-  4FT STRIP LIGHTING FIXTURE.
-  LARGE PENDANT LIGHTING FIXTURE.
-  HATCHED LIGHTING FIXTURE INDICATES TO PROVIDE FIXTURE WITH EMERGENCY BALLAST (1100 LUMENS). PROVIDE SWITCHED AND UNSWITCHED HOT CONDUCTOR.
-  4FT SURFACE OR PENDANT LIGHTING FIXTURE, WITH 1400 LUMEN EMERGENCY BALLAST. PROVIDE SWITCHED AND UNSWITCHED HOT CONDUCTOR.
-  RECESSED CAN LIGHTING FIXTURE.
-  RECESSED CAN LIGHTING FIXTURE, WITH EMERGENCY BALLAST. PROVIDE SWITCHED AND UNSWITCHED HOT CONDUCTOR.
-  WALL-MOUNTED LIGHTING FIXTURE.
-  LED EXIT SIGN WITH INTEGRAL BATTERY AND INVERTER. PROVIDE UNSWITCHED HOT CONDUCTOR. FIXTURE TYPE "ET"
-  EXHAUST FAN. PROVIDE SNAP-SWITCH (NOT SHOWN) AT FAN FOR DISCONNECT MEANS.
-  ELECTRICAL PANEL. SEE PANEL SCHEDULE FOR RATING AND REQUIREMENTS.
-  ENCLOSED SAFETY SWITCH, NON-FUSED. SEE PLANS FOR RATING AND CONDUCTOR REQUIREMENTS.
-  ENCLOSED SAFETY SWITCH, FUSED. SEE PLANS FOR RATING AND CONDUCTOR REQUIREMENTS.
-  FIRE ALARM SYSTEM PULL STATION.
-  FIRE ALARM HORN/STROBE DEVICE. MOUNT 90" A.F.F.; RATED 75 CANDELA, MINIMUM. AUDIBLE FIRE ALARM DEVICES SHALL COMPLY WITH FBC 11-4.28.2 MOUNT 80" A.F.F., TO BOTTOM OF DEVICE.
-  FIRE ALARM STROBE DEVICE. MOUNT 90" A.F.F.; RATED 75 CANDELA, MINIMUM. MOUNT 80" A.F.F., TO BOTTOM OF DEVICE.
-  FIRE ALARM SYSTEM SMOKE DETECTOR.
-  FIRE ALARM SYSTEM DUCT SMOKE DETECTOR, WITH REMOTE INDICATOR AND SHUTDOWN RELAY (REQUIRED BUT NOT SHOWN). FIELD COORDINATE INSTALLATION WITH MECHANICAL.
-  BRANCH CIRCUIT WIRE IN RACEWAY. MINIMUM WIRE SIZE #12 AWG, THHN/THWN INSULATION WITH #12 EQUIPMENT GROUND, IN 1/2" MINIMUM RACEWAY. ALL WRING SHALL BE CONCEALED IN FLOOR, WALLS, OR CEILING. PROVIDE FLEX (6 FT MAX) CONNECTION TO LIGHTING FIXTURES. MC/NM CABLE NOT ALLOWED.
-  SECURITY SYSTEM DOOR CONTACT: PROVIDE 1/2" C. FROM ABOVE CEILING TO DOOR FRAME/HEADER. DEVICE AND CABLING BY OWNER'S SECURITY VENDOR (N.I.C.).
-  DOOR ELECTRIC STRIKE. PROVIDE 1/2" C. FROM DOOR FRAME TO ABOVE CEILING.
-  ELECTRONIC CARD READER. PROVIDE DEVICE BOX, 48" A.F.F. (TO TOP), WITH 1/2" C. STUBBED ABOVE CEILING. DEVICE AND CABLING BY OWNER'S SECURITY VENDOR (N.I.C.).
-  ALARM KEYPAD. PROVIDE DEVICE BOX, 48" A.F.F. (TO TOP), WITH 1/2" C. STUBBED ABOVE CEILING. DEVICE AND CABLING BY OWNER'S SECURITY VENDOR (N.I.C.).

CODES AND STANDARDS

NFPA 70	NATIONAL ELECTRICAL CODE (NEC), 2008 ED.
	FLORIDA FIRE PREVENTION CODE, 2007 EDITION.
NFPA 101	LIFE SAFETY CODE, 2006 ED.
	FLORIDA BUILDING CODE, 2007 EDITION, WITH 2008/2009 SUPPLEMENTS.

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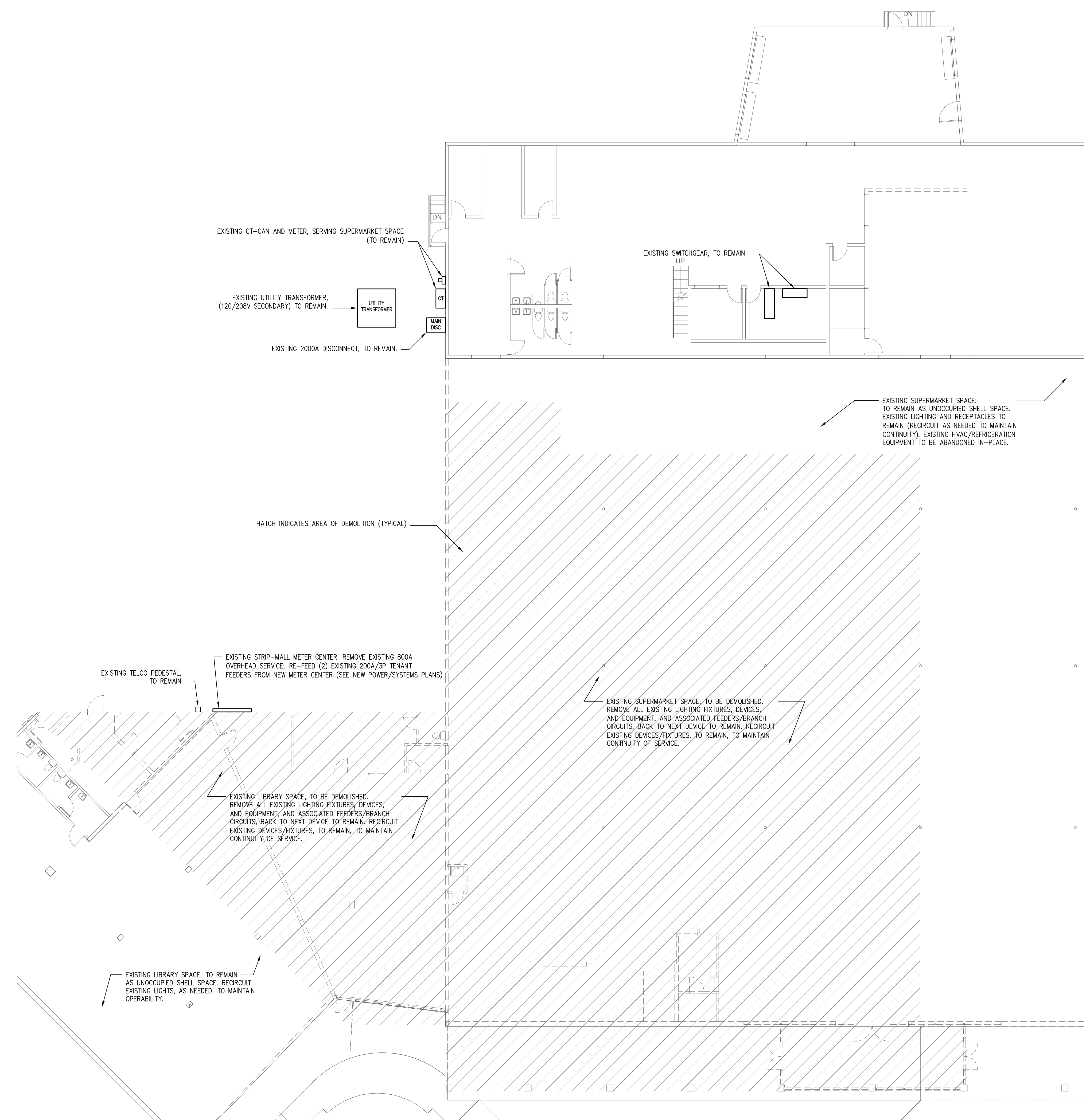
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DRAWN	PHASE	CHECK	DATE
JML	DD	JLAMB	10/15/10
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JML	PMT	JLAMB	5/20/11
JML	BID	JLAMB	8/31/11

#	DATE	COMMENTS

ELECTRICAL
LEGEND & NOTES

E0.1



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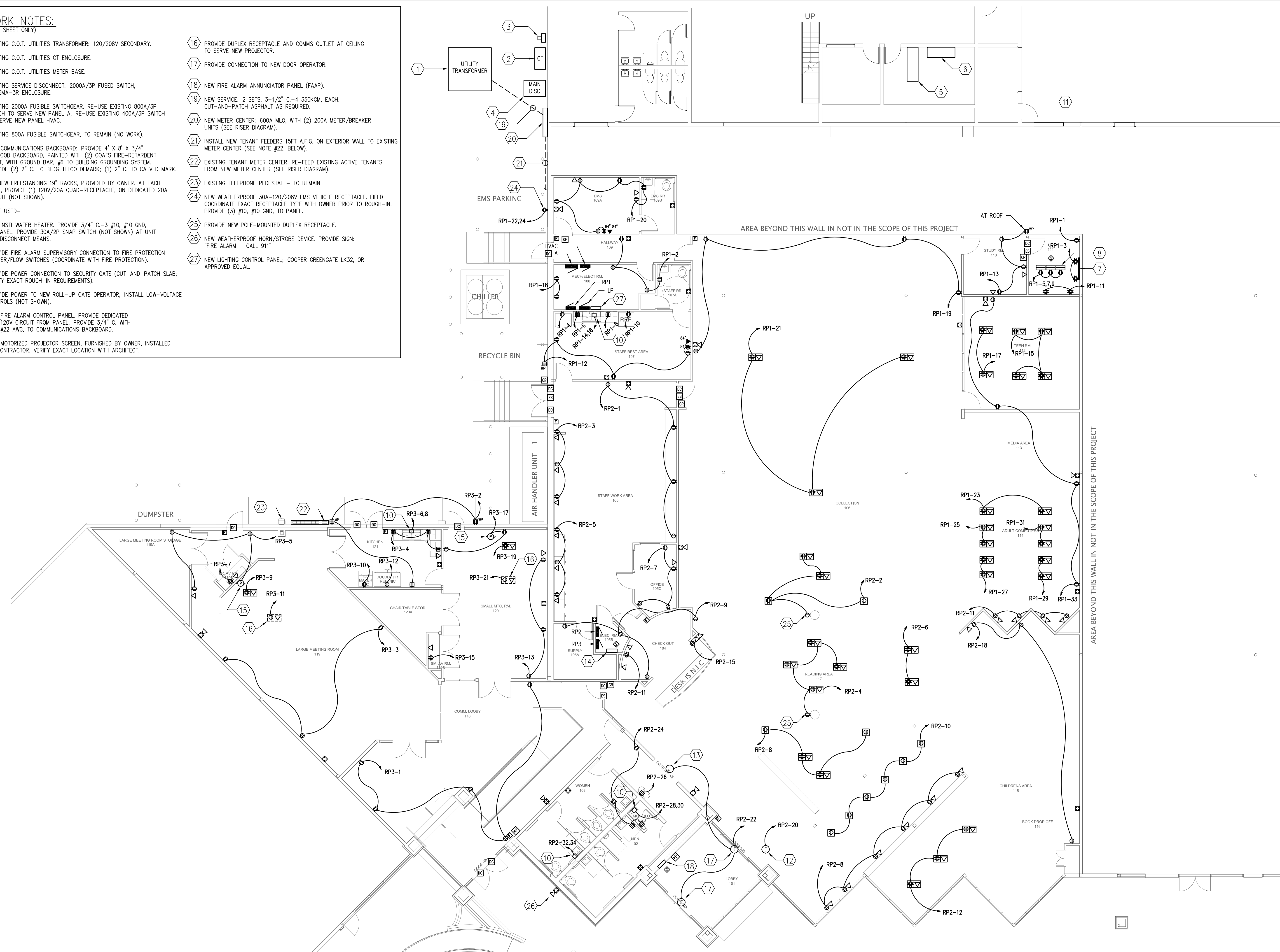
#	Date	Comments
1	7/28/11	RESPONSE TO COT

**ELECTRICAL
EXISTING/DEMO
PLAN**

E1.0

WORK NOTES:
(THIS SHEET ONLY)

- 1 EXISTING C.O.T. UTILITIES TRANSFORMER: 120/208V SECONDARY.
- 2 EXISTING C.O.T. UTILITIES CT ENCLOSURE.
- 3 EXISTING C.O.T. UTILITIES METER BASE.
- 4 EXISTING SERVICE DISCONNECT: 2000A/3P FUSED SWITCH, IN NEMA-3R ENCLOSURE.
- 5 EXISTING 2000A FUSIBLE SWITCHGEAR. RE-USE EXISTING 800A/3P SWITCH TO SERVE NEW PANEL A; RE-USE EXISTING 400A/3P SWITCH TO SERVE NEW PANEL HVAC.
- 6 EXISTING 800A FUSIBLE SWITCHGEAR, TO REMAIN (NO WORK).
- 7 NEW COMMUNICATIONS BACKBOARD: PROVIDE 4' X 8' X 3/4" PLYWOOD BACKBOARD, PAINTED WITH (2) COATS FIRE-RETARDANT PAINT, WITH GROUND BAR, #6 TO BUILDING GROUNDING SYSTEM. PROVIDE (2) 2" C. TO BLDG TELCO DEMARK; (1) 2" C. TO CATV DEMARK.
- 8 (3) NEW FREESTANDING 19" RACKS, PROVIDED BY OWNER. AT EACH RACK, PROVIDE (1) 120V/20A QUAD-RECEPTACLE, ON DEDICATED 20A CIRCUIT (NOT SHOWN).
- 9 -NOT USED-
- 10 NEW INSTI WATER HEATER. PROVIDE 3/4" C-3 #10, #10 GND, TO PANEL. PROVIDE 30A/2P SNAP SWITCH (NOT SHOWN) AT UNIT FOR DISCONNECT MEANS.
- 11 PROVIDE FIRE ALARM SUPERVISORY CONNECTION TO FIRE PROTECTION TAMPERS/FLOW SWITCHES (COORDINATE WITH FIRE PROTECTION).
- 12 PROVIDE POWER CONNECTION TO SECURITY GATE (CUT-AND-PATCH SLAB; VERIFY EXACT ROUGH-IN REQUIREMENTS).
- 13 PROVIDE POWER TO NEW ROLL-UP GATE OPERATOR; INSTALL LOW-VOLTAGE CONTROLS (NOT SHOWN).
- 14 NEW FIRE ALARM CONTROL PANEL. PROVIDE DEDICATED 20A/120V CIRCUIT FROM PANEL; PROVIDE 3/4" C. WITH 4/C #22 AWG, TO COMMUNICATIONS BACKBOARD.
- 15 NEW MOTORIZED PROJECTOR SCREEN, FURNISHED BY OWNER, INSTALLED BY CONTRACTOR. VERIFY EXACT LOCATION WITH ARCHITECT.
- 16 PROVIDE DUPLEX RECEPTACLE AND COMMS OUTLET AT CEILING TO SERVE NEW PROJECTOR.
- 17 PROVIDE CONNECTION TO NEW DOOR OPERATOR.
- 18 NEW FIRE ALARM ANNUNCIATOR PANEL (FAAP).
- 19 NEW SERVICE: 2 SETS, 3-1/2" C-4 350CM, EACH. CUT-AND-PATCH ASPHALT AS REQUIRED.
- 20 NEW METER CENTER: 600A MLO, WITH (2) 200A METER/BREAKER UNITS (SEE RISER DIAGRAM).
- 21 INSTALL NEW TENANT FEEDERS 15FT A.F.G. ON EXTERIOR WALL TO EXISTING METER CENTER (SEE NOTE #22, BELOW).
- 22 EXISTING TENANT METER CENTER. RE-FEED EXISTING ACTIVE TENANTS FROM NEW METER CENTER (SEE RISER DIAGRAM).
- 23 EXISTING TELEPHONE PEDESTAL - TO REMAIN.
- 24 NEW WEATHERPROOF 30A-120/208V EMS VEHICLE RECEPTACLE. FIELD COORDINATE EXACT RECEPTACLE TYPE WITH OWNER PRIOR TO ROUGH-IN. PROVIDE (3) #10, #10 GND, TO PANEL.
- 25 PROVIDE NEW POLE-MOUNTED DUPLEX RECEPTACLE.
- 26 NEW WEATHERPROOF HORN/STROBE DEVICE. PROVIDE SIGN: "FIRE ALARM - CALL 911"
- 27 NEW LIGHTING CONTROL PANEL; COOPER GREENGATE LK32, OR APPROVED EQUAL.



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#	Date	Comments
1	7/28/11	RESPONSE TO COT

**ELECTRICAL
POWER & SYSTEMS
PLAN**

E1.1

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	CATALOG NO.	LAMPS
A	LINEAR PENDANT	PRUDENTIAL LTG	PULSE 2T5H0-RXX-NS-YGW-D3-120	(2) F54T5H0
B	2 X 4 SOFTTRACE	DAYBRITE	2STG228-D-120-1/2	(2) F28T5
B2	2 X 2 SOFTTRACE	DAYBRITE	2STG214-D-120-1/2	(2) F14T5
C	RECESSED CAN	H.E. WILLIAMS	PV60-132T-EB	(1) 32W CF
D	2 X 4 STATIC TROFFER	H.E. WILLIAMS	50G-S24-332-SA12125-EB3-120	(3) F32T8
E1	EXIT SIGN	BEGHELLI	OL2-SA-LR-X-W	-
EM	CONCEALED EMERGENCY FIXTURE	MCPHILBEN	FX12L24W12-TD	(2) 12W MR16
F	LARGE PENDANT	PRUDENTIAL LTG	P3940-5T8U6-WA-YGW-D1-MPCA	(5) F31T8U6
G	CUSTOM ACRYLIC PYRAMID	ARCH. DETAILS INC.	#BULL HADLEY PLAZA	-
H	UP/DOWN SCENCE	PRISMA USA	DILUME 074653	(2) 100W MH
J	IN-GROUND UPLIGHT	BK LIGHTING	HP2-CF42-103-ICEE	(1) 42W CF
K	PENDANT-MOUNT CYLINDER	H.E. WILLIAMS	PVC70-132T-EB-CS-PM	(1) 32W CF
L	6" WALL-WASH CAN	H.E. WILLIAMS	WWPL60-132Q-EB	(1) 32W CF
M	1 X 4 TROFFER	H.E. WILLIAMS	50G-S14-232-SA12125-EB2-120	(2) F32T8
N	STAGGERED STRIP	H.E. WILLIAMS	74-4-232-EB2-UNV	(2) F32T8
P	STRIP	H.E. WILLIAMS	73-4-254T5H-EB2-120	(2) F54T5H0
P2	STRIP W/ WIRGUARD	H.E. WILLIAMS	76-4-232-EB2-UNV-WG-7611	(2) F32T8
Q	POST-TOP	LUMINIS	W606CF170-LF1/PAA410-GFI	(1) 70W CF
R	HID SECURITY WALL-PACK	NITE-BRITES	WCM150SMT-LP	(1) 150W HPS
S	LED SIGN LIGHT	NITE-BRITES	FSS40WLU-MHP	-40W LED-
T	EXTERIOR WALKWAY SCENCE	NIKKO	07555B-GX24Q4-1X42CFL-120	(1) 42W CF
U	UNDERCABINET STRIP	DAYBRITE	MNS128-UNV-1/1EB	(1) F28T5

NOTES:
 1. VERIFY ALL CEILING FINISHES, FIXTURE TRIMS, AND VOLTAGES PRIOR TO ORDERING.
 2. PROVIDE ELECTRONIC BALLASTS FOR ALL FLUORESCENT FIXTURES.
 3. PROVIDE ALL FRAMES, TRIMS, BACKBOXES, BLOCKING, STEMS, HARDWARE, LAMPS AND BALLASTS AS REQUIRED FOR INSTALLATION.
 4. ALL FLUORESCENT LAMPS SHALL BE 4100K, CRI OF 80 OR GREATER.

SUBSTITUTIONS: LIGHTING FIXTURES HAVE BEEN SELECTED BASED ON ARCHITECTURE, PERFORMANCE, AND EFFICIENCY. SAMPLES OF ARCHITECTURAL PRODUCTS AND FOOT-CANDLE LAYOUTS (BASED ON THIS SPECIFIC JOB) WILL BE REQUIRED ON ALL PRODUCTS NOT LISTED ON THE LIGHTING FIXTURE SCHEDULE. THIS SHALL BE COMPLETED 15 DAYS PRIOR TO THE BID OF THE PROJECT. ANYTHING SUBMITTED AFTER THAT TIME WILL REQUIRE A PAYMENT (FEE BASED ON SIZE OF PROJECT AND TIME TO EVALUATE) TO THE ARCHITECT/ENGINEER FOR TIME SPENT REVIEWING ALTERNATE PRODUCTS. FURTHERMORE, IF THE PRODUCT IS DEEMED "NOT EQUAL", THE SPECIFIED PRODUCT WILL NEED TO BE SUPPLIED.

PHOTOMETRIC DESIGN CRITERIA:

AREA	HORIZONTAL	VERTICAL
STACKS	-	D
CATALOGUING	D	-
CIRCULATION DESK	D	B
TERMINALS	D	B
GATHERING	D	B
MEETING	D	B
UTILITY	D	C
RESTROOMS	C	A

A = 3FC, B = 5FC, C = 10FC, D = 30FC, E = 50FC
 BASED ON IESNA RECOMMENDATIONS.



- WORK NOTES:**
 (THIS SHEET ONLY)
- CIRCUIT EXHAUST FAN UNSWITCHED, TO RUN CONTINUOUSLY.
 - TYPE R: 12FT A.F.G, TYPICAL.
 - TYPE A: VERIFY MOUNTING HEIGHT PRIOR TO ROUGH-IN (TYPICAL) HATCHING INDICATES EMERGENCY BALLAST (TYPICAL).
 - TYPE F: VERIFY MOUNTING HEIGHT PRIOR TO ROUGH-IN (TYPICAL).
 - TYPE J: INSTALL IN SIDEWALK (TYPICAL).
 - TYPE N: INSTALL IN COVE; SEE ARCHITECTURAL DETAILS (TYPICAL).
 - TYPE S: INSTALL SIGN LIGHT ON OVERHEAD STRUCTURE, TO LIGHT SIGNAGE; SEE ARCHITECTURAL ELEVATIONS/SECTIONS.
 - TYPE H: SEE ARCHITECTURAL ELEVATIONS/SECTIONS FOR MOUNTING HEIGHT. HATCHING INDICATES EMERGENCY BALLAST.
 - TYPE U: SEE ARCHITECTURAL ELEVATIONS/SECTIONS FOR MOUNTING REQUIREMENTS. CONCEAL WIRING IN MILLWORK.
 - NEW LIGHTING CONTROL PANEL; COOPER GREENGATE LK32, OR APPROVED EQUAL.
 - NEW 6-BUTTON DIGITAL SWITCH; PROVIDE LOW-VOLTAGE CABLING (PER SYSTEM REQUIREMENTS) TO LIGHTING CONTROL PANEL.

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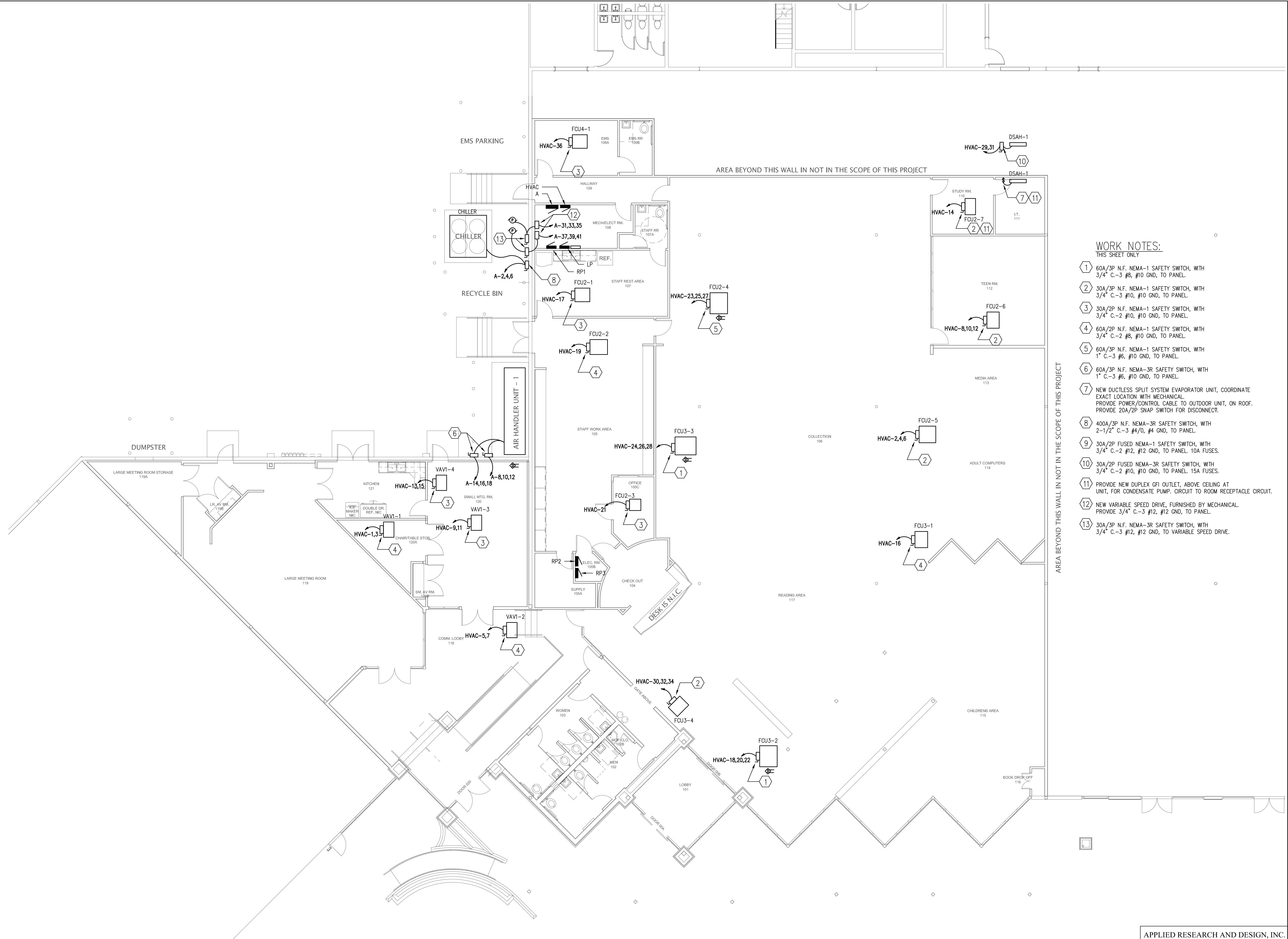
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Phase	Drawn	Checked	Date
JML	DD	JLAMB	10/15/10
JML	50XCD	JLAMB	2/15/11
JML	PMT	JLAMB	5/20/11
JML	BID	JLAMB	8/31/11

#	DATE	COMMENTS
1	7/28/11	RESPONSE TO COT

Sheet Name: ELECTRICAL LIGHTING PLAN
 Sheet # E1.2



WORK NOTES:

- THIS SHEET ONLY
- 1 60A/3P N.F. NEMA-1 SAFETY SWITCH, WITH 3/4" C-3 #8, #10 GND, TO PANEL.
 - 2 30A/3P N.F. NEMA-1 SAFETY SWITCH, WITH 3/4" C-3 #10, #10 GND, TO PANEL.
 - 3 30A/2P N.F. NEMA-1 SAFETY SWITCH, WITH 3/4" C-2 #10, #10 GND, TO PANEL.
 - 4 60A/2P N.F. NEMA-1 SAFETY SWITCH, WITH 3/4" C-2 #8, #10 GND, TO PANEL.
 - 5 60A/3P N.F. NEMA-1 SAFETY SWITCH, WITH 1" C-3 #6, #10 GND, TO PANEL.
 - 6 60A/3P N.F. NEMA-3R SAFETY SWITCH, WITH 1" C-3 #6, #10 GND, TO PANEL.
 - 7 NEW DUCTLESS SPLIT SYSTEM EVAPORATOR UNIT, COORDINATE EXACT LOCATION WITH MECHANICAL. PROVIDE POWER/CONTROL CABLE TO OUTDOOR UNIT, ON ROOF. PROVIDE 20A/2P SNAP SWITCH FOR DISCONNECT.
 - 8 400A/3P N.F. NEMA-3R SAFETY SWITCH, WITH 2-1/2" C-3 #4/0, #4 GND, TO PANEL.
 - 9 30A/2P FUSED NEMA-1 SAFETY SWITCH, WITH 3/4" C-2 #12, #12 GND, TO PANEL. 10A FUSES.
 - 10 30A/2P FUSED NEMA-3R SAFETY SWITCH, WITH 3/4" C-2 #10, #10 GND, TO PANEL. 15A FUSES.
 - 11 PROVIDE NEW DUPLEX GFI OUTLET, ABOVE CEILING AT UNIT, FOR CONDENSATE PUMP. CIRCUIT TO ROOM RECEPTACLE CIRCUIT.
 - 12 NEW VARIABLE SPEED DRIVE, FURNISHED BY MECHANICAL. PROVIDE 3/4" C-3 #12, #12 GND, TO PANEL.
 - 13 30A/3P N.F. NEMA-3R SAFETY SWITCH, WITH 3/4" C-3 #12, #12 GND, TO VARIABLE SPEED DRIVE.

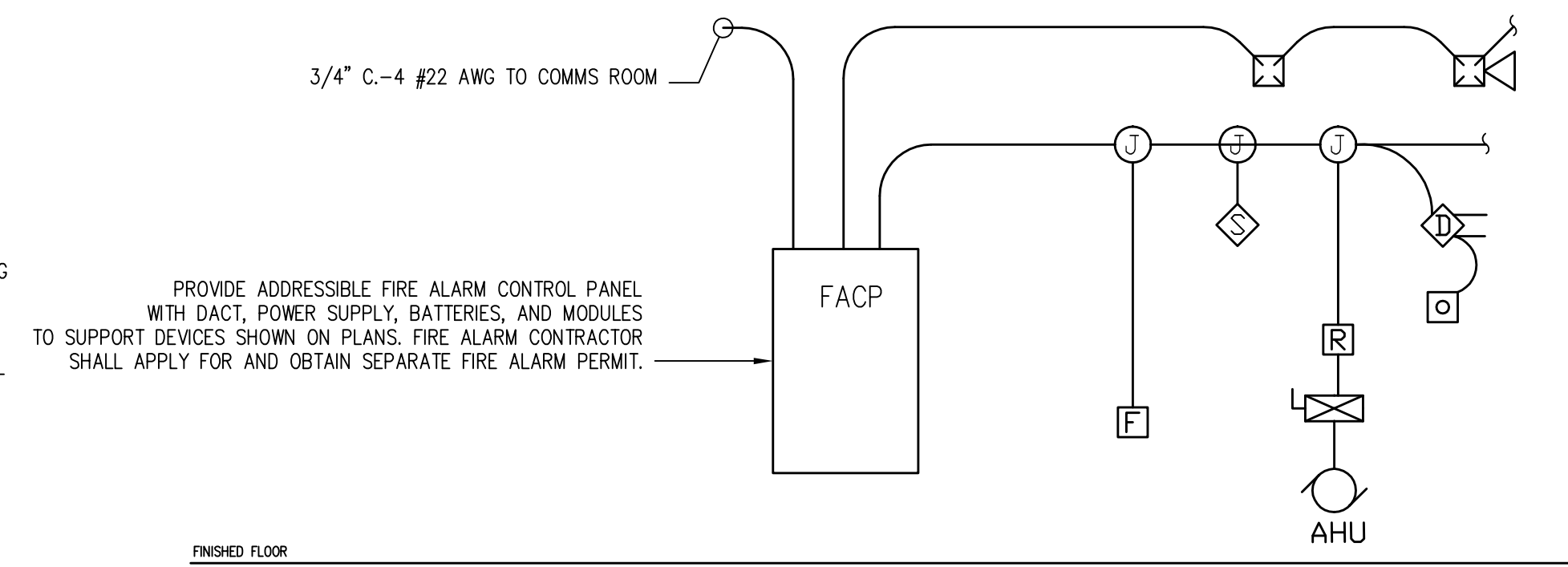
AREA BEYOND THIS WALL IN NOT IN THE SCOPE OF THIS PROJECT

Phase	Drawn	Phase	Check	Date
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FIRE ALARM SEQUENCE OF OPERATION

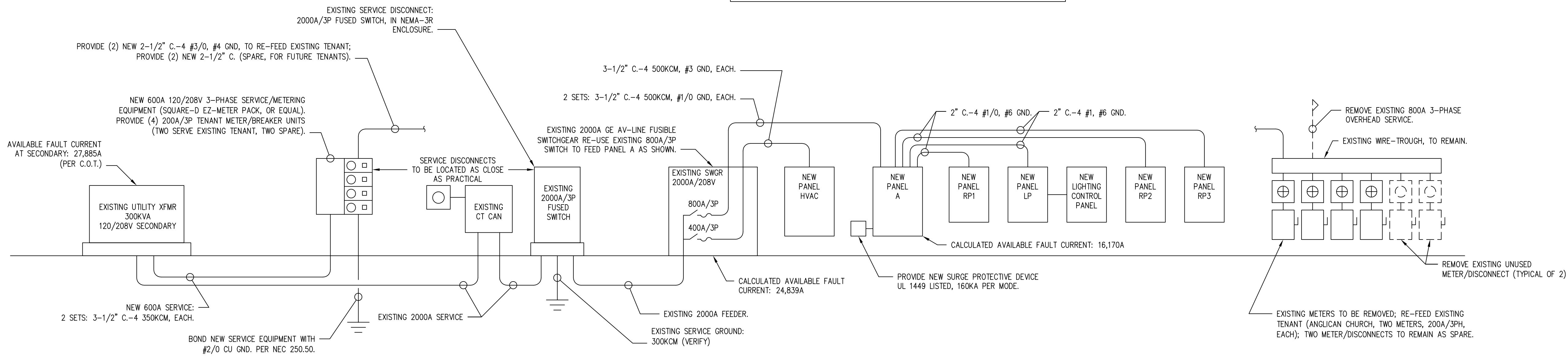
1. FIRE-ALARM SIGNAL INITIATION SHALL BE BY ONE OR MORE OF THE FOLLOWING DEVICES: MANUAL STATIONS, HEAT DETECTORS, SMOKE DETECTORS, DUCT SMOKE DETECTORS, AUTOMATIC SPRINKLER SYSTEM WATER FLOW.
2. FIRE-ALARM SIGNAL SHALL INITIATE THE FOLLOWING ACTIONS: CONTINUOUSLY OPERATE ALARM-NOTIFICATION APPLIANCES; IDENTIFY ALARM AT THE FIRE-ALARM CONTROL UNIT AND REMOTE ANNUNCIATORS; TRANSMIT AN ALARM SIGNAL TO THE REMOTE ALARM RECEIVING STATION; RELEASE FIRE AND SMOKE DOORS HELD OPEN BY MAGNETIC DOOR HOLDERS; RECORD EVENTS IN THE SYSTEM MEMORY.
3. SUPERVISORY SIGNAL INITIATION SHALL BE BY ONE OR MORE OF THE FOLLOWING DEVICES AND ACTIONS: VALVE SUPERVISORY SWITCH.
4. SYSTEM TROUBLE SIGNAL INITIATION SHALL BE BY ONE OR MORE OF THE FOLLOWING DEVICES AND ACTIONS: OPEN CIRCUITS, SHORTS, AND GROUNDS IN DESIGNATED CIRCUITS; OPENING, TAMPERING WITH, OR REMOVING ALARM-INITIATING AND SUPERVISORY SIGNAL-INITIATING DEVICES; LOSS OF PRIMARY POWER AT FIRE-ALARM CONTROL UNIT; GROUND OR A SINGLE BREAK IN FIRE-ALARM CONTROL UNIT INTERNAL CIRCUITS; ABNORMAL AC VOLTAGE AT FIRE-ALARM CONTROL UNIT; BREAK IN STANDBY BATTERY CIRCUITRY; FAILURE OF BATTERY CHARGING; ABNORMAL POSITION OF ANY SWITCH AT FIRE-ALARM CONTROL UNIT OR ANNUNCIATOR.
5. SYSTEM TROUBLE AND SUPERVISORY SIGNAL ACTIONS: INITIATE NOTIFICATION APPLIANCE AND ANNUNCIATE AT FIRE-ALARM CONTROL UNIT AND REMOTE ANNUNCIATORS.



1 FIRE ALARM RISER

E2.1 NOT TO SCALE

LIBRARY LOAD CALCULATION PER NEC ARTICLE 220	
HVAC (123.0KVA @ 100%):	123.0KVA
LIGHTING (15,500sf X 3VA/sf):	46.5KVA
RECEPTACLES (32,220VA):	
1ST 10KVA @ 100%:	10.0KVA
REMAINDER @ 50%:	11.1KVA
MISC EQUIPMENT (6KW WTR HTR):	6.0KVA
TOTAL DEMAND LOAD:	196.6KVA = 546A @ 120/208V, 3-PHASE



2 PARTIAL POWER RISER

E2.1 NOT TO SCALE

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2	8/19/11	RISER REVISIONS

**ELECTRICAL
RISERS AND
DETAILS**

E2.1

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	RETURN GRILLE		HYDROGEN SENSOR		AIR DISTRIBUTION DEVICE TAG
	SUPPLY DIFFUSER		DUCT MOUNTED BACK DRAFT DAMPER		THERMOSTAT OR ZONE SENSOR
	SUPPLY/RETURN DUCT FIRST DIMENSION = WIDTH SECOND DIMENSION = HEIGHT		INDICATES POINT TO CONNECT TO EXISTING		EQUIPMENT LOCATED ON ROOF ABOVE
	SUPPLY/RETURN DUCT ROUND PIPE D=INSIDE DIAMETER DIMENSION		INDICATES EXTENT OF DEMOLITION		AUTOMATIC AIR VENT
			KEYNOTE		CHILLED WATER PUMP

VENTILATION SCHEDULE					
SPACE DESCRIPTION/NAME	AREA	OA (CFM/FTS)	#OF PEOPLE	OA (CFM/P)	TOTAL OA
Large Mtg Room	1237	0.06	63	5	389.22
Triangle Storage	163.2	0.12	0	0	19.584
128 Comm Lobby	1054.9	0.06	0	5	63.294
121 Chair/Table Storage	121.6	0.12	0	0	14.592
1208 Kitchen	216.3	0.06	1	5	17.978
120C Small Mtg	526.5	0.06	42	5	241.59
SYSTEM TOTAL OA REQUIRED - AHU-1					746.258

VENTILATION SCHEDULE					
SPACE DESCRIPTION/NAME	AREA	OA (CFM/FTS)	#OF PEOPLE	OA (CFM/P)	TOTAL OA
Large Mtg Room	1237	0.06	0	5	74.22
Triangle Storage	163.2	0.12	0	0	19.584
128 Comm Lobby	1054.9	0.06	0	5	63.294
121 Chair/Table Storage	121.6	0.12	0	0	14.592
1208 Kitchen	216.3	0.06	0	5	12.978
120C Small Mtg	526.5	0.06	0	5	31.59
SYSTEM TOTAL OA REQUIRED - FCU2-1					216.258

VENTILATION SCHEDULE					
SPACE DESCRIPTION/NAME	AREA	OA (CFM/FTS)	#OF PEOPLE	OA (CFM/P)	TOTAL OA
108 STAFF REST	321	0.06	4	5	39.26
108A TOILET	60	0.06	0	0	3.6
SYSTEM TOTAL OA REQUIRED - FCU2-1					42.86

VENTILATION SCHEDULE					
SPACE DESCRIPTION/NAME	AREA	OA (CFM/FTS)	#OF PEOPLE	OA (CFM/P)	TOTAL OA
106C SUPPLY ROOM	56.6	0.12	0	0	6.792
106 STAFF WORK AREA	946	0.06	6	5	86.76
SYSTEM TOTAL OA REQUIRED - FCU2-2					93.552

VENTILATION SCHEDULE					
SPACE DESCRIPTION/NAME	AREA	OA (CFM/FTS)	#OF PEOPLE	OA (CFM/P)	TOTAL OA
106A Office	105.5	0.06	1	5	11.33
SYSTEM TOTAL OA REQUIRED - FCU2-3					11.33

VENTILATION SCHEDULE					
SPACE DESCRIPTION/NAME	AREA	OA (CFM/FTS)	#OF PEOPLE	OA (CFM/P)	TOTAL OA
107 Collection	3626.4	0.12	5	60	735.168
109 Mech Rm	148	0.06	0	0	8.88
110 Hallway	124.2	0.06	0	0	7.452
SYSTEM TOTAL OA REQUIRED - FCU2-4					751.5

VENTILATION SCHEDULE					
SPACE DESCRIPTION/NAME	AREA	OA (CFM/FTS)	#OF PEOPLE	OA (CFM/P)	TOTAL OA
129 Adult Computers	676.5	0.12	24	5	201.18
130 Media Area	328.3	0.12	6	5	69.396
SYSTEM TOTAL OA REQUIRED - FCU2-5					270.576

VENTILATION SCHEDULE					
SPACE DESCRIPTION/NAME	AREA	OA (CFM/FTS)	#OF PEOPLE	OA (CFM/P)	TOTAL OA
134 Teen Room	465	0.12	12	5	115.8
SYSTEM TOTAL OA REQUIRED - FCU2-6					115.8

VENTILATION SCHEDULE					
SPACE DESCRIPTION/NAME	AREA	OA (CFM/FTS)	#OF PEOPLE	OA (CFM/P)	TOTAL OA
135 Study Room	128	0.12	2	5	25.36
SYSTEM TOTAL OA REQUIRED - FCU2-7					25.36

VENTILATION SCHEDULE					
SPACE DESCRIPTION/NAME	AREA	OA (CFM/FTS)	#OF PEOPLE	OA (CFM/P)	TOTAL OA
132 Childrens Area	905	0.12	15	5	183.6
SYSTEM TOTAL OA REQUIRED - FCU3-1					183.6

VENTILATION SCHEDULE					
SPACE DESCRIPTION/NAME	AREA	OA (CFM/FTS)	#OF PEOPLE	OA (CFM/P)	TOTAL OA
Front Reading Area @win.	745	0.12	10	5	139.4
SYSTEM TOTAL OA REQUIRED - FCU3-2					139.4

VENTILATION SCHEDULE					
SPACE DESCRIPTION/NAME	AREA	OA (CFM/FTS)	#OF PEOPLE	OA (CFM/P)	TOTAL OA
102 Men	205.9	0	0	0	0
103 Women	218	0	0	0	0
136 Checkout	188.3	0.12	0	5	22.596
131 Reading Area	1829.4	0.12	31	5	374.528
SYSTEM TOTAL OA REQUIRED - FCU3-3					397.124

REMARKS
1. OA DETERMINATION IS BASED ON ASHRAE STANDARD 62.1
2. OA VALUES ARE DETERMINED BASED ON THE DESIGN DOCUMENTS. IF AT ANY

- HVAC GENERAL NOTES**
1. PLANS ARE DIAGRAMMATIC IN NATURE AND INTENDED TO SHOW THE GENERAL SCOPE OF THE WORK TO BE PERFORMED.
 2. REVIEW ALL PLANS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT FOR COORDINATION WITH BUILDING FEATURES AND ALL OTHER TRADES.
 3. ALL ITEMS INSTALLED UNDER THE SCOPE OF THIS PROJECT SHALL BE NEW, CLEAN, AND FREE OF DEFECTS.
 4. ALL WORK PERFORMED AS PART OF THIS PROJECT SHALL BE PERFORMED BY EXPERIENCED TRADESMEN, TRAINED, EXPERIENCED, AND SKILLED IN THE TASKS INCIDENTAL TO PROJECT.
 5. THE CONTRACTOR PERFORMING WORK ON THIS PROJECT WILL BE RESPONSIBLE FOR CLEANING THE WORK AREA OF ANY DEBRIS ASSOCIATED WITH THE WORK BEING PERFORMED.
 6. THE CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES PRIOR TO PURCHASING, FABRICATING, OR INSTALLING ANY OF THE MATERIALS AND EQUIPMENT ASSOCIATED WITH THE PROJECT.
 7. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH
 - 7.1. THE FLORIDA BUILDING CODE, 2007.
 - 7.1.1. BUILDING
 - 7.1.2. MECHANICAL
 - 7.1.3. PLUMBING
 - 7.2. SMACNA DUCT STANDARDS
 - 7.3. ASHRAE 90.1-2007
 - 7.4. ASHRAE 62.1
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS REQUIRED BY THE LOCAL BUILDING AUTHORITIES. THE CONTRACTOR IS RESPONSIBLE FOR ALL FEES ASSOCIATED WITH PERMITTING THE PROJECT; SUCH FEES SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.

- HVAC EQUIPMENT NOTES**
1. ONLY NEW EQUIPMENT SHALL BE PROVIDED.
 2. ALL CONNECTIONS TO EQUIPMENT SHALL BE MADE WITH FLEXIBLE REGIONS FOR VIBRATION ISOLATION.
 3. ALL EQUIPMENT SHALL BE LABELED SO THAT USERS CAN IDENTIFY EACH PIECE OF EQUIPMENT. LABELS SHALL BE CONSISTENT WITH EQUIPMENT TAGS THAT ARE LISTED IN THE SCHEDULES WITHIN THESE DOCUMENTS.

- DUCTWORK GENERAL NOTES**
1. ALL MAIN DUCT TRUNKLINES SHALL BE CONSTRUCTED OF GALVANIZED SHEET METAL AND FABRICATED AND INSTALLED IN ACCORDANCE WITH THE MOST RECENT PUBLISHED SMACNA STANDARDS AND GUIDELINES.
 2. ALL DUCTWORK LINES SHALL BE RUN STRAIGHT. LEVEL, AND PLUMB, AND ROUTED AS INDICATED IN THESE DRAWINGS.
 3. MINOR MODIFICATIONS TO DUCT ROUTING DUE TO OBSTRUCTIONS OR COORDINATION WITH OTHER TRADES WILL BE FURNISHED WITHOUT ADDITIONAL COST TO THE OWNER. ANY CHANGES IN SIZE TO DUCTWORK MUST BE APPROVED BY THE ENGINEER PRIOR TO FABRICATION AND INSTALLATION.
 4. BLADE TYPE BALANCING DAMPERS, UNLESS NOTED OTHERWISE IN THESE DOCUMENTS OR IN THE PROJECT SPECIFICATION MANUAL, SHALL BE PROVIDED AT ALL SUPPLY DUCT RUN-OUTS TO DIFFUSERS.
 5. FLEXIBLE DUCTS TO AIR TERMINALS SHALL BE LIMITED IN LENGTH TO 12'.
 6. BENDS IN FLEXIBLE DUCTS SHOULD BE MINIMIZED, AND MADE IN SUCH A MANNER SO AS NOT TO RESTRICT THE AIRFLOW.
 7. ALL FLEXIBLE DUCTS SHALL BE SUPPORTED SO THAT HORIZONTAL RUNS ARE STRAIGHT AND WITHOUT SAGS OR BENDS. SHEET METAL SADDLES SHALL BE PROVIDED AT ALL HANGERS FOR FLEX DUCTS TO PREVENT KINKING OF THE DUCTS AND EXCESSIVE COMPRESSION OF THE INSULATION.

- HVAC PIPING NOTES**
1. CONDENSATE DRAIN PIPING SHALL BE 1/2" PVC UNLESS NOTED OTHERWISE.
 2. ALL CONDENSATE DRAIN PIPING LOCATED WITHIN THE CONDITIONED ENVELOPE OF THE BUILDING SHALL BE INSULATED WITH ELASTOMERIC INSULATION WITH TAPED JOINTS.
 3. ALL CONDENSATE DRAIN PIPE SYSTEMS SHALL HAVE A TRAP AT EACH PIECE OF EQUIPMENT. REFER TO DETAILS FOR TRAP SPECIFICATIONS.

CHILLED WATER PUMP SCHEDULE											
GENERAL DATA					PUMPING					VARIABLE SPEED DRIVE	
TAG	MFG	MODEL #	PUMP POWER (HP)	HEAD (FT H2O)	CHW FLOW (GPM)	ELECT. SERVICE (V/PZ)	MFG	DRIVE SIZE (HP)	BYPASS		
CHWP-1	TACO	1911	2	60	41	208/3	HONEYWELL	2	Y		
CHWP-2	TACO	1911	2	60	41	208/3	HONEYWELL	2	Y		

NOTES
1. CHWP SHALL HAVE TEFC MOTOR.
2. CHWP SHALL BE SUITABLE FOR OUTDOOR INSTALLATION.

AIR COOLED CHILLER SCHEDULE												
GENERAL DATA			COOLING DATA					FLOW DATA				
TAG	MFG	MODEL #	TOTAL COOLING (TON)	EFFICIENCY (EER/PLV)	EWL/WLT (DEG F)	CHW FLOW (GPM)	CHILLER PD (FT H2O)	CHW FLOW (GPM)	ELECT. SERVICE (V/PZ)	UNIT MCA (AMP)	UNIT MOCP (AMP)	
CH-1	CARRIER	30RAP040	40	9.88/15.12	44/56	81.7	14	92	208/3	194.8	225	

NOTES
1. PROVIDE CHILLER WITH FACTORY MOUNTED MICROPROCESSOR CONTROLLER.
2. PROVIDE CHILLER WITH ENERGY MANAGEMENT MODULE WITH ENHANCED CONTROL FEATURES. REFER TO M6.1 FOR FURTHER INFORMATION.
3. PROVIDE CHILLER WITH FREEZE PROTECTION COOLER HEATERS.
4. PROVIDE CHILLER WITH DIGITAL COMPRESSOR CAPACITY MODULATION.
5. PROVIDE CHILLER WITH REMOTE ENHANCED DISPLAY TO BE MOUNTED IN MECHANICAL ROOM 109.

CENTRAL STATION VAV AIR HANDLING UNIT SCHEDULE																								
GENERAL DATA			SUPPLY FAN DATA								PRE-HEAT SECTION				COOLING SECTION									
AHU TAG	MFG.	AHU MODEL	AIRFLOW (CFM)	MAX VENT. AIRFLOW (CFM)	MIN VENT. AIRFLOW (CFM)	FAN DRIVE	MOTOR HP (W)	ESP (IN. WC)	V/PZ	SUPPLY FAN MCA	SUPPLY FAN MOCP	TOTAL HEATING (KW)	HEATING LEVELS	ΔT (DEG F)	V/PZ	HEAT MCA	HEAT MOCP	TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	EAT (db/wb)	LAT (db/wb)	CHWS FLOW (GPM)	CHW COIL ΔP (FT. H ₂ O)	EWT - LWT (DEG F)
AHU-1	CARRIER	39MW06	2800	750	220	BELT	5	1.5	208/3	18	30	10	2	12	208/3			130.9	86.9	80/67	51.6/51.4	19.3	2.5	44-56

NOTES
1. THE AHU SHALL BE PROVIDED WITH A 5-HP VFD, MOUNTED INSIDE A WEATHER-PROOF COMPARTMENT OF THE AHU.
2. PROVIDE SEPARATE ELECTRICAL SERVICE FOR ELECTRIC PRE-HEAT SECTION.
3. PROVIDE SEPARATE ELECTRICAL SERVICE AND DISCONNECT FOR FAN SECTION.
4. FURNISH AHU WITH 2" PLEATED MEDIA FILTERS. INCLUDE 1 EXTRA SET FOR REPLACEMENT PRIOR TO T&B.

AIR AND DIRT SEPERATOR				
GENERAL DATA			PERFORMANCE	
TAG	MFG	MODEL #	PRESSURE DROP	FLOW
AS-1	TACO	49025AD	<1-FT	92

NOTES
1. TACO AIR AND DIRT SEPERATOR.

VAV UNIT WITH ELECTRIC REHEAT SCHEDULE													
GENERAL DATA			AIRFLOW DATA				ELECTRIC REHEAT DATA					SOUND	
VAV TAG	MFG.	VAV MODEL	VAV SIZE	MAX AIRFLOW (CFM)	MIN AIRFLOW (CFM)	HEATING AIRFLOW (CFM)	HEATER POWER (KW)	EAT/LAT (DEG-F)	STEPS OF CONTROL	ELECTRIC (V/PZ)	MCA (AMPS)	RADIATED SOUND (NC)	DISCHARGE SOUND (NC)
VAV1-1	CARRIER	35E	10	1240	420	420	4	55/85	2	208/1	24.04	22	15
VAV1-2	CARRIER	35E	10	930	310	350	3	55/85	1	208/1	24.02	22	15
VAV1-3	CARRIER	35E	8	840	280	280	2.5	55/84	1	208/1	15.02	18	15
VAV1-4	CARRIER	35E	5	160	60	60	1.5	55/107	1	208/1	9.01	8	2

FAN COIL UNIT SCHEDULE																								
GENERAL DATA			SUPPLY FAN DATA								COOLING SECTION				HEATING SECTION			WEIGHT			ELECTRICAL DATA			
FCU TAG	MFG.	FCU MODEL	FCU SIZE	AIRFLOW (CFM)	VENT. AIRFLOW (CFM)	FAN DRIVE	MOTOR HP (W)	ESP (IN. WC)	TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	EAT (db/wb)	LAT (db/wb)	CHWS FLOW (GPM)	CHW COIL ΔP (FT. H ₂ O)	EWT - LWT (DEG F)	TOTAL HEATING (kW)	HEATING LEVELS	ΔT (DEG F)	(LBS)	V/PZ	Unit MCA	UNIT MOCP		
FCU2-1		42DEA06LACABAYYY	600 CFM	395	45	DIRECT	1/10	0.22	9.82	7.25	77/66	58/57	1.60	1.17	44-56	2		16	160	120/1	24.71			
FCU2-2		42DEA10ALCEBAYYY	1000 CFM	990	95	DIRECT	1/5	0.32	22.76	18.02	77/66	60/59	3.80	2.52	44-56	3		9	180	120/1	38.75			
FCU2-3		42CA02ALCABAYYY	200 CFM	195	15	DIRECT	1/30	0.30	4.94	3.80	77/66	58/57	0.80	1.23	44-56	1		16	130	120/1	12.17			
FCU2-4		42BH030LDL62509FE	3000 CFM	2470	760	BELT	1 1/2	0.50	122.00	73.85	81/68	58/57	20.30	7.94	44-56	12		15	550	208/3	49.14			
FCU2-5		42BH016BD4L81507DE	1800 CFM	1480	270	BELT	3/4	0.40	43.28	31.55	78/67	58/57	7.20	2.18	44-56	5		11	450	208/3	21.85			
FCU2-6		42BH008LD4L60506CE	600 CFM	450	120	BELT	1/2	0.50	22.75	13.74	80/67	58/57	3.80	1.88	44-56	3		21	300	208/3	13.41			
FCU2-7		42WKN012	12	350	25	DIRECT		0.20	7.10	6.10	77/66	58/57	2.00		44-56	1.5		13	75	115/1	1.5	10		
FCU3-1		42BH008LC3L60507BE	600 CFM	520	140	BELT	1/3	0.50	26.81	15.85	80/67	58/57	4.50	2.6	44-56	3		18	300	120/1	38.75			
FCU3-2		42BH030LD4L62409EE	3000 CFM	2400	180	BELT	1	0.50	98.82	68.41	77/66	58/57	16.50	5.23	44-56	6		8	550	208/3	25.57			
FCU3-3		42BH020LD4L81810EE	2000 CFM	1800	415	BELT	1	0.55	77.40	51.84	79/67	58/57	12.90	12.6	44-56	7		12	490	208/3	29.04			
FCU3-4		42BH008BD4L60807DE	800 CFM	770	20	BELT	3/4	0.40	19.21	14.68	76/65	58/57	3.20	0.89	44-56	5		20	310	208/3	21.85			
FCU4-1		42DEA06LACABAYYY	600 CFM	360	45	DIRECT	1/10	0.22	9.82	7.25	77/66	58/57	1.60	1.17	44-56	2		17	160	120/1	24.71			

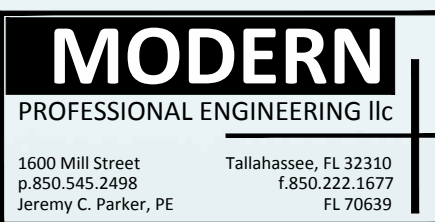
FAN COIL UNIT NOTES
1. PROVIDE SINGLE POINT CONNECTION FOR ALL FAN COIL UNITS.
2. WHERE AVAILABLE PROVIDE 3-SPEED FAN CONTROL.
3. PROVIDE VIBRATION ISOLATION FOR FAN COIL UNIT SUPPORTS.
4. PROVIDE 1 EXTRA SET OF FILTERS AND REPLACE AFTER MAJOR CONSTRUCTION ACTIVITIES ARE COMPLETE BUT PRIOR TO TEST AND BALANCE.

5. PROVIDE FOIL FACED INSULATION
6. PROVIDE STAINLESS STEEL DRAIN PANS.

EXHAUST FAN SCHEDULE									
GENERAL DATA			FAN DATA				ELECTRICAL DATA		
TAG	MFG	MODEL #	EXHAUST AIRFLOW	ESP (IN. W.C.)	FAN POWER (HP)	FAN TYPE	V/PZ	POWER (W)	REMARKS
EF-1	COOK	GC-120	50	0.35	FRACTIONAL	CEILING	110/1	44.3	
EF-2	COOK	90C15DH	440	0.3	1/8	ROOF	110/1	94	
EF-3	COOK	GC-120	60	0.35	FRACTIONAL	CEILING	110/1	48	

REMARKS
1. FURNISH EXHAUST FAN WITH A FAN SPEED CONTROLLER.
2. WIRE FAN SO THAT THE ROOM LIGHT SWITCH CONTROLS THE FAN.
3. FURNISH FAN WITH CEILING GRILLE
4. PROVIDE INSULATED ROOF CURB FOR FLAT ROOF.
5. BACKDRAFT DAMPER
6. FAN SHALL BE WIRE TO RUN CONTINUOUSLY.

AIR DISTRIBUTION DEVICE SCHEDULE							
TAG	SERVICE	MFG.	MODEL	Size/Neck Size		NOTES	
				AIRFLOW (CFM)	SIZE		
A	SUPPLY	TITUS	OMNI	0-110	6	1. PROVIDE ALUMINUM CONSTRUCTION DIFFUSER 2. COLOR=WHITE 3. 24X24 LAY-IN CEILING	
B	SUPPLY	TITUS	OMNI	0-110	6	1. PROVIDE ALUMINUM CONSTRUCTION DIFFUSER 2. COLOR=WHITE 3. SURFACE MOUNT	
C	SUPPLY	TITUS	ML-38	36" L - 3 SLOT		1. PROVIDE ALUMINUM CONSTRUCTION DIFFUSER 2. COLOR = WHITE 3. SURFACE MOUNT 4. CONCEALED FASTENING	
D	SUPPLY	TITUS	CT-512	REFER TO PLANS FOR SIZES.		1. PROVIDE ALUMINUM CONSTRUCTION DIFFUSER 2. COLOR = WHITE 3. SURFACE MOUNT	



LEON COUNTY
LIBRARY - LAKE
JACKSON BRANCH

MPE - 10012

BID DOCUMENTS

DOUG SHULER
dshuler@jparchitects.com

Phase	Drawn	Phase	Check	Date
JPARKER	SD	JPARKER		06/25/10
JPARKER	50%DD	JPARKER		10/15/10
JPARKER	100%DD	JPARKER		12/08/10
JPARKER	50%CD	JPARKER		03/08/11
JPARKER	PERMIT	JPARKER		04/29/11
JPARKER	BID DOC.	JPARKER		08/31/11

#	DATE	COMMENTS

DEMOLITION PLAN
- HVAC

MD1.1

EXISTING AIR HANDLING UNIT AND CORRESPONDING CONDENSING UNIT LOCATED ON ROOF SHALL REMAIN IN SERVICE TO TEMPER THE REMAINING, UN-RENOVATED SPACE FOR FUTURE USE.

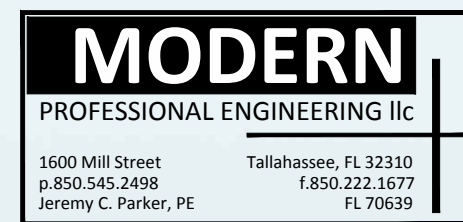
DEMOLISH SUPPLY AND RETURN DUCTS ENTERING PROJECT AREA. CAP SUPPLY DUCTS OUTSIDE OF PROJECT AREA. LEAVE RETURN DUCTS OPEN OUTSIDE OF PROJECT AREA. THE EXISTING AHU LOCATED OUTSIDE OF THE PROJECT AREA WILL REMAIN IN SERVICE TO TEMPER THE VACANT, NON-PROJECT AREA SURROUNDING THE NEW LIBRARY SPACE.

DEMOLISH SPLIT SYSTEM AC UNITS COMPLETE WITH DUCTS, AIR DISTRIBUTION DEVICES, MOUNTING HARDWARE, CONTROL DEVICES, AND ALL APPURTENANCES SERVING THE EXISTING LIBRARY SPACE TO BE RENOVATED. FIELD VERIFY LOCATION OF AIR HANDLING UNITS. IF AIR HANDLING UNITS ARE LOCATED OUTSIDE OF THE PROJECT AREA, ONLY AIR DISTRIBUTION AND DUCT SYSTEMS SHALL BE DEMOLISHED. THE COOLING EQUIPMENT SHALL REMAIN IN SERVICE.

DEMOLISH SPLIT SYSTEM AC UNITS COMPLETE WITH DUCTS, AIR DISTRIBUTION DEVICES, MOUNTING HARDWARE, CONTROL DEVICES, AND ALL APPURTENANCES SERVING THE EXISTING LIBRARY SPACE TO BE RENOVATED.

DEMOLISH ROOF MOUNTED AIR CONDITIONING UNIT COMPLETE WITH CURB, DUCTWORK, DIFFUSERS, WIRING, CONTROLS.

DEMOLISH KITCHEN VENTILATION EQUIPMENT COMPLETE WITH HOODS, FANS, DUCTS, FIRE SUPPRESSION SYSTEMS. TURN ALL EQUIPMENT OVER TO OWNER FOR INSTRUCTION ON DISPOSAL.



LEON COUNTY
LIBRARY - LAKE
JACKSON BRANCH

MPE - 10012

BID DOCUMENTS

DOUG SHULER
dshuler@jparchitects.com

Phase	Drawn	Checked	Date
	J.PARKER	SD	J.PARKER 06/25/10
	J.PARKER	50%DD	J.PARKER 10/15/10
	J.PARKER	100%DD	J.PARKER 12/08/10
	J.PARKER	50%CD	J.PARKER 03/08/11
	J.PARKER	PERMIT	J.PARKER 04/29/11
	J.PARKER	BID DOC.	J.PARKER 08/31/11

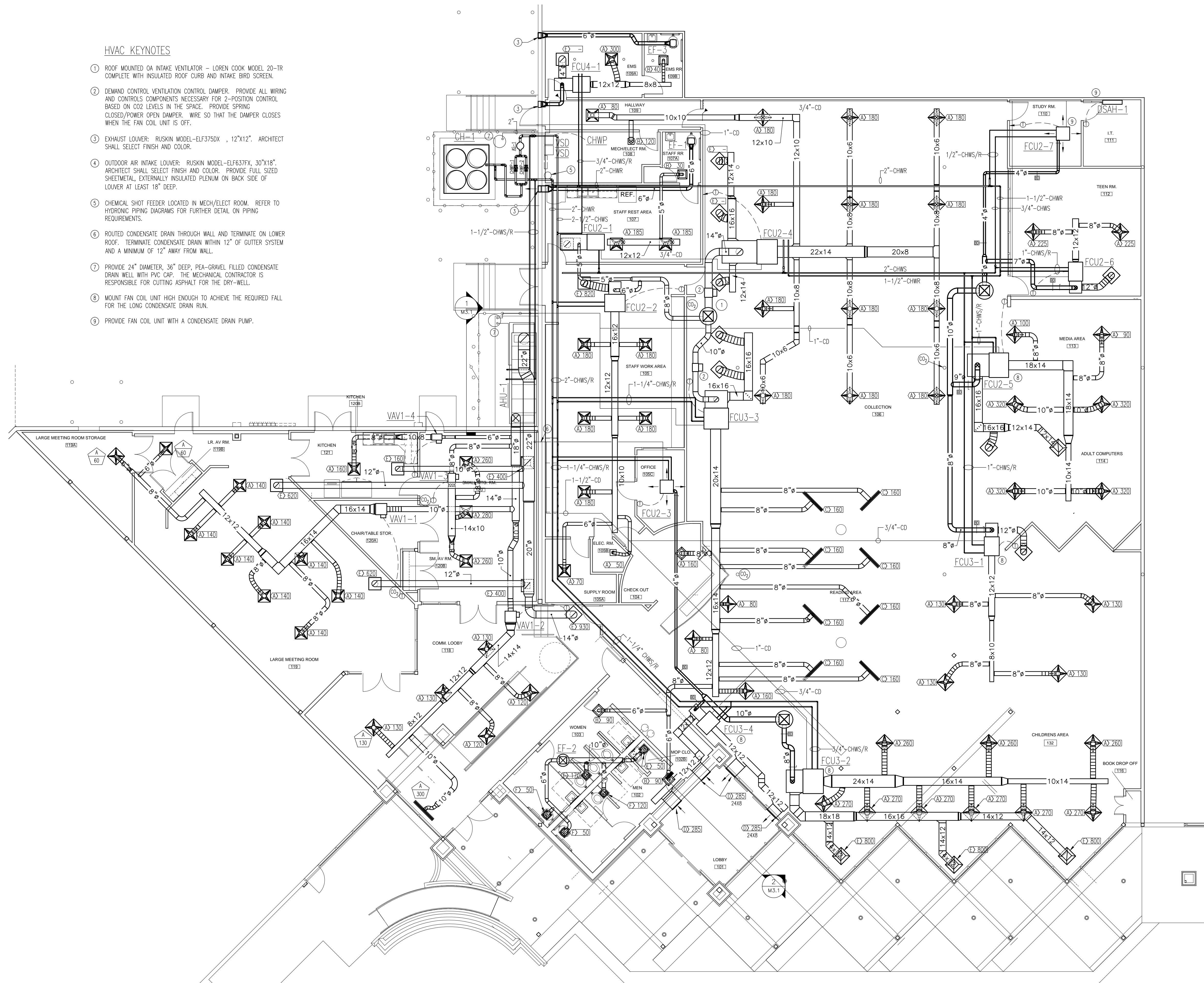
#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW

FLOOR PLAN -
HVAC

M1.1

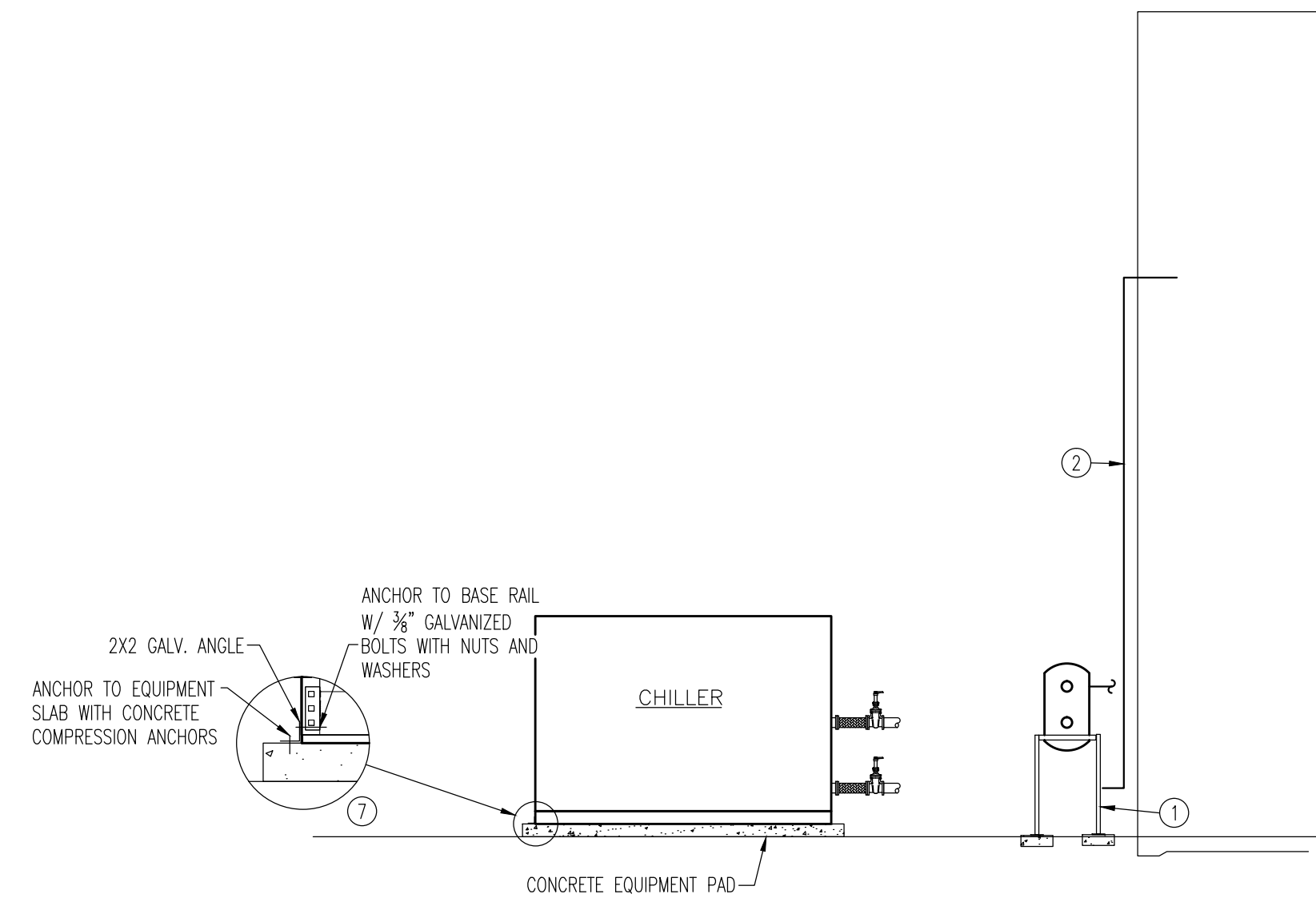
HVAC KEYNOTES

- ① ROOF MOUNTED OA INTAKE VENTILATOR - LOREN COOK MODEL 20-TR COMPLETE WITH INSULATED ROOF CURB AND INTAKE BIRD SCREEN.
- ② DEMAND CONTROL VENTILATION CONTROL DAMPER. PROVIDE ALL WIRING AND CONTROLS COMPONENTS NECESSARY FOR 2-POSITION CONTROL BASED ON CO2 LEVELS IN THE SPACE. PROVIDE SPRING CLOSED/POWER OPEN DAMPER. WIRE SO THAT THE DAMPER CLOSURES WHEN THE FAN COIL UNIT IS OFF.
- ③ EXHAUST LOUVER: RUSKIN MODEL-ELF375DX, 12'X12". ARCHITECT SHALL SELECT FINISH AND COLOR.
- ④ OUTDOOR AIR INTAKE LOUVER: RUSKIN MODEL-ELF637FX, 30'X18". ARCHITECT SHALL SELECT FINISH AND COLOR. PROVIDE FULL SIZED SHEETMETAL, EXTERNALLY INSULATED PLENUM ON BACK SIDE OF LOUVER AT LEAST 18" DEEP.
- ⑤ CHEMICAL SHOT FEEDER LOCATED IN MECH/ELECT ROOM. REFER TO HYDRONIC PIPING DIAGRAMS FOR FURTHER DETAIL ON PIPING REQUIREMENTS.
- ⑥ ROUTED CONDENSATE DRAIN THROUGH WALL AND TERMINATE ON LOWER ROOF. TERMINATE CONDENSATE DRAIN WITHIN 12" OF GUTTER SYSTEM AND A MINIMUM OF 12" AWAY FROM WALL.
- ⑦ PROVIDE 24" DIAMETER, 36" DEEP, PEA-GRAVEL FILLED CONDENSATE DRAIN WELL WITH PVC CAP. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR CUTTING ASPHALT FOR THE DRY-WELL.
- ⑧ MOUNT FAN COIL UNIT HIGH ENOUGH TO ACHIEVE THE REQUIRED FALL FOR THE LONG CONDENSATE DRAIN RUN.
- ⑨ PROVIDE FAN COIL UNIT WITH A CONDENSATE DRAIN PUMP.



DRAWN	PHASE	CHECK	DATE
J.PARKER	SD	J.PARKER	06/25/10
J.PARKER	50%DD	J.PARKER	10/15/10
J.PARKER	100%DD	J.PARKER	12/08/10
J.PARKER	50%CD	J.PARKER	03/08/11
J.PARKER	PERMIT	J.PARKER	04/29/11
J.PARKER	BID DOC.	J.PARKER	08/31/11

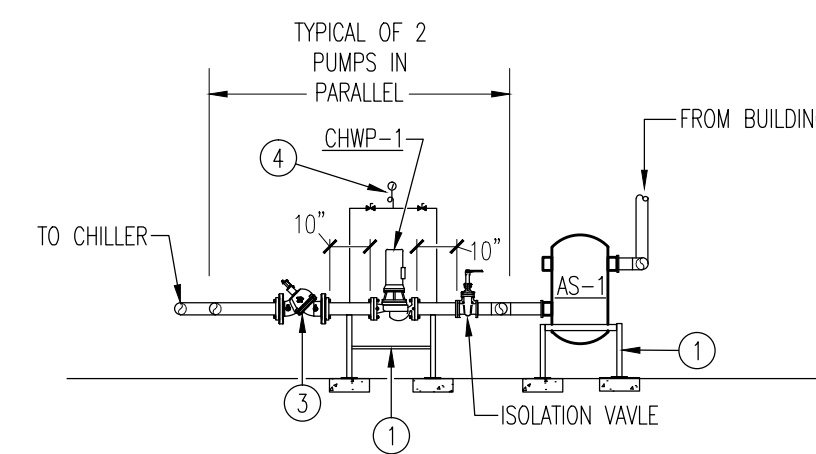
#	DATE	COMMENTS
1	07/29/11	COT COMMENTS



CHILLER SECTION KEYNOTES

- 1 GALVANIZED STEEL ANGLE CONSTRUCTION SUPPORT FOR AIR SEPARATOR. ANCHOR SUPPORT STAND ON NEW CONCRETE BASE.
- 2 ALL EXTERIOR CHILLED WATER PIPING SHALL HAVE INSULATION COVERED WITH AN ALUMINUM JACKET.

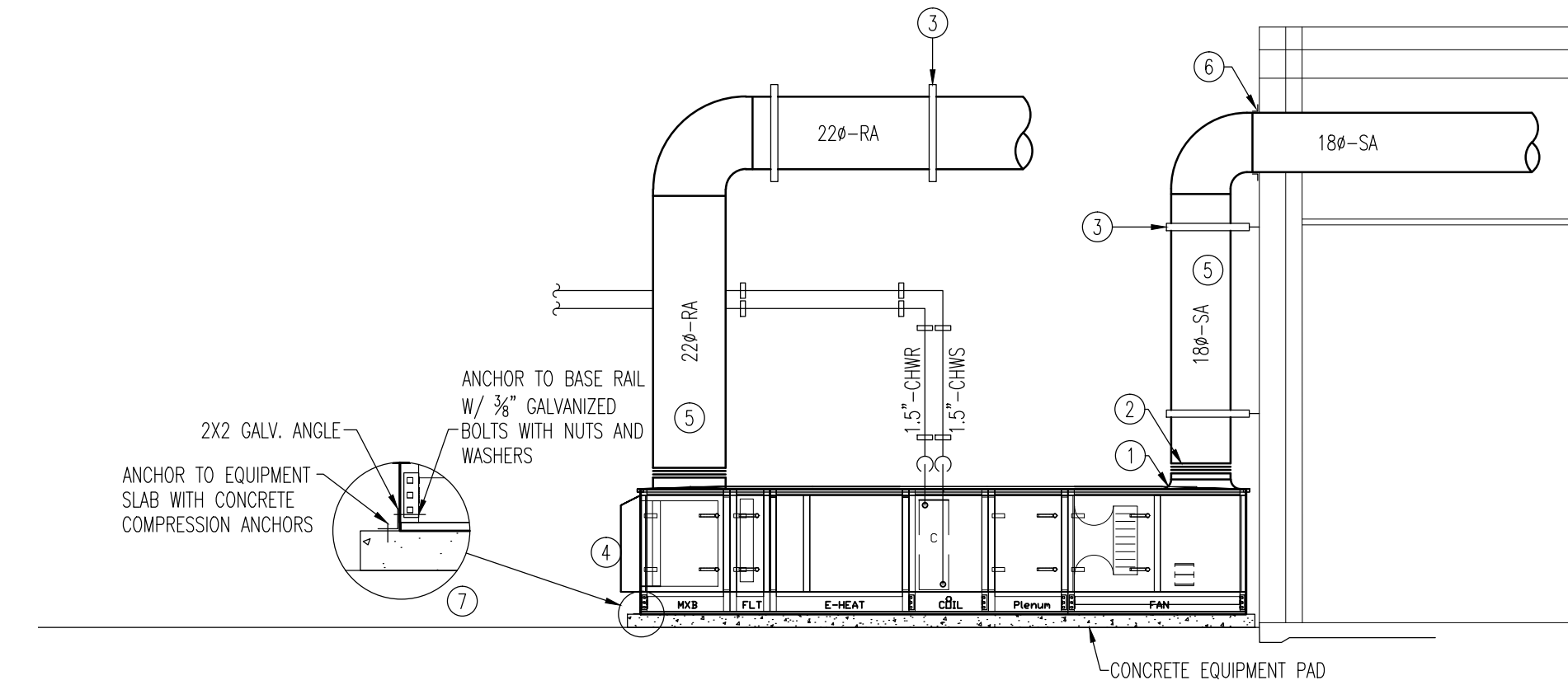
3 CHILLER SECTION DETAIL
M3.1 SCALE: 1/4"=1'-0"



CHILLED WATER PUMP SECTION KEYNOTES

- 1 GALVANIZED STEEL ANGLE CONSTRUCTION SUPPORT FOR AIR SEPARATOR. ANCHOR SUPPORT STAND ON NEW CONCRETE BASE.
- 2 ALL EXTERIOR CHILLED WATER PIPING SHALL HAVE INSULATION COVERED WITH AN ALUMINUM JACKET.
- 3 TACO MULTI-PURPOSE VALVE, MODEL: MPV030. PRESSURE DROP: 0.5-FT.
- 4 PRESSURE GAUGE

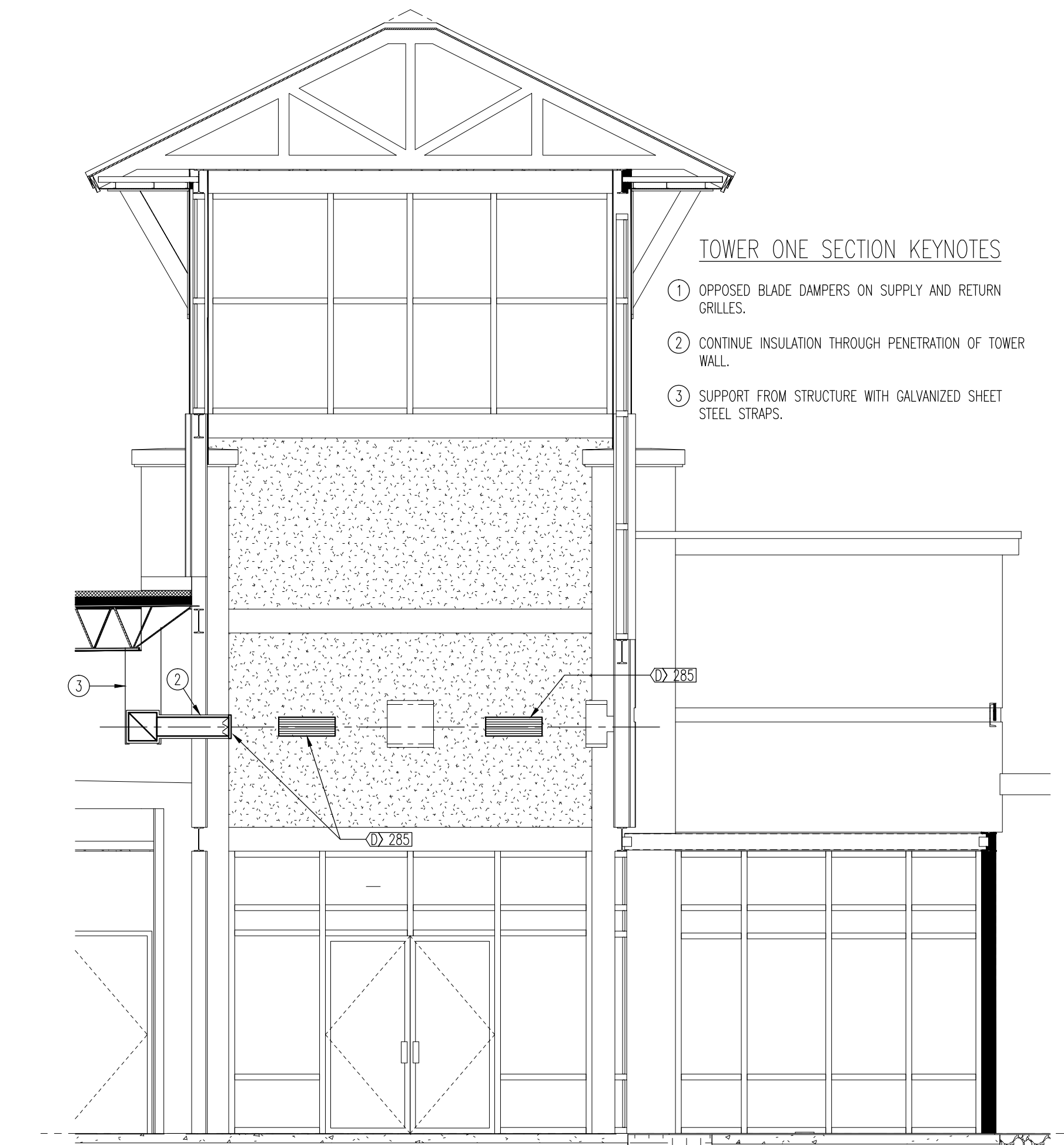
4 CHILLED WATER PUMP SECTION DETAIL
M3.1 SCALE: 1/4"=1'-0"



AHU SECTION DETAIL KEYNOTES

- 1 PROVIDE BELL-MOUTH FITTING AT PLENUM DISCHARGE.
- 2 CANVAS FLEXIBLE CONNECTION-TYPICAL OF SUPPLY AND RETURN.
- 3 PROVIDE GALVANIZED STEEL SUPPORTS FOR EXTERIOR DUCT, AND FASTEN TO BUILDING WITH CONCRETE ANCHORS.
- 4 OUTSIDE AIR INTAKE HOOD.
- 5 EXTERIOR DUCT TO BE GALVANIZED STEEL, DOUBLE WALL, 1.5" INSULATION, WITH PERFORATED SOUND ATTENUATING LINER. PROVIDE VENTURE-CLAD REFLECTIVE ALUMINUM COVER FOR ALL EXTERIOR SUPPLY AND RETURN DUCTS.
- 6 PROVIDE GALVANIZED STEEL ESCUTCHEON AT DUCT WALL PENETRATION. SEAL PENETRATION AIR, VAPOR, AND WEATHER TIGHT WITH SILICON CAULK.
- 7 PROVIDE ANCHOR TO SLAB EVERY 4'. PROVIDE A MINIMUM OF 2 ANCHORS ON THE SHORT SIDE OF THE UNIT.

1 AHU-1 SECTION DETAIL
M3.1 SCALE: 1/4"=1'-0"



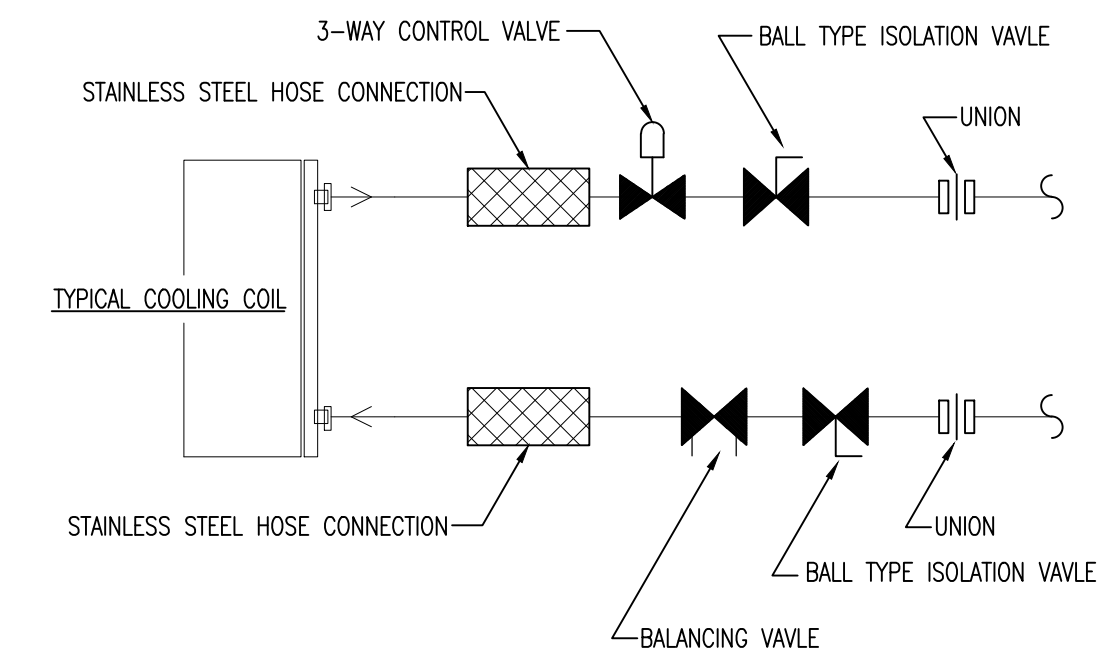
TOWER ONE SECTION KEYNOTES

- 1 OPPOSED BLADE DAMPERS ON SUPPLY AND RETURN GRILLES.
- 2 CONTINUE INSULATION THROUGH PENETRATION OF TOWER WALL.
- 3 SUPPORT FROM STRUCTURE WITH GALVANIZED SHEET STEEL STRAPS.

2 TOWER ONE - MECHANICAL SECTION
M3.1 SCALE: 1/4"=1'-0"

Phase	Drawn	Phase	Check	Date
	J.PARKER	SD	J.PARKER	06/25/10
	J.PARKER	50%DD	J.PARKER	10/15/10
	J.PARKER	100%DD	J.PARKER	12/08/10
	J.PARKER	50%CD	J.PARKER	03/08/11
	J.PARKER	PERMIT	J.PARKER	04/29/11
	J.PARKER	BID DOC.	J.PARKER	08/31/11

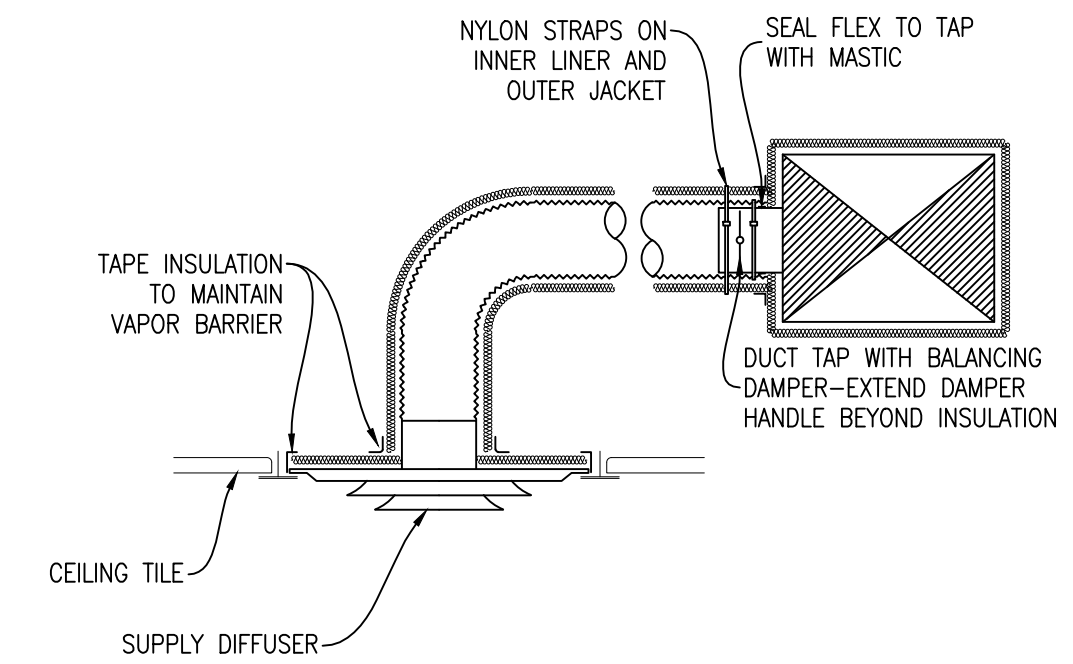
#	DATE	COMMENTS



TYPICAL CHW COIL PIPING DIAGRAM

SCALE:NONE

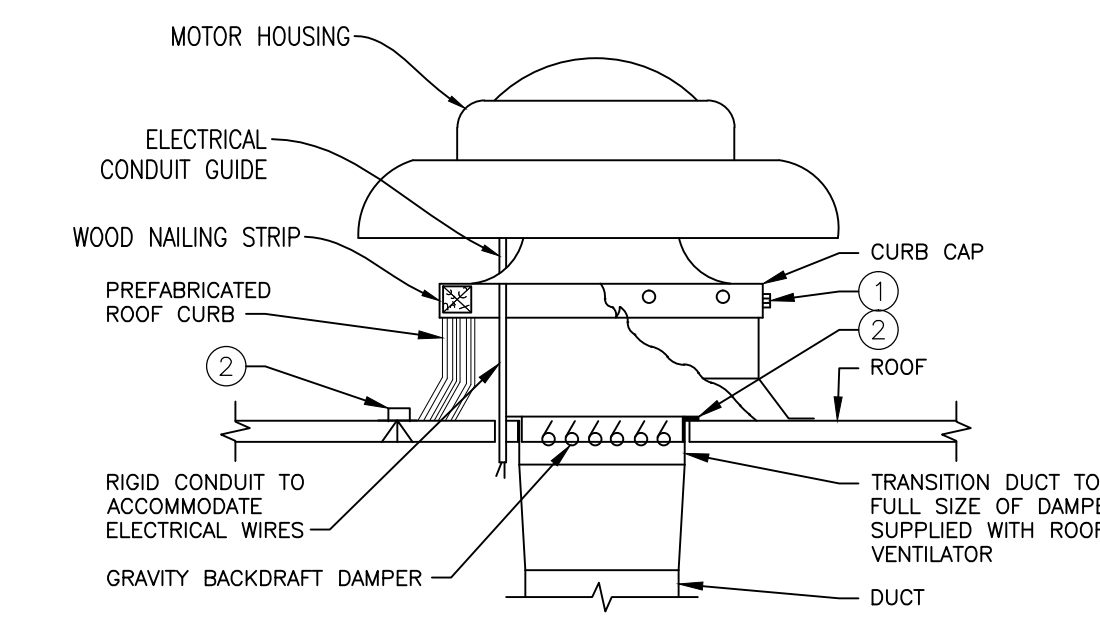
5



CEILING DIFFUSER DETAIL

SCALE:NONE

1

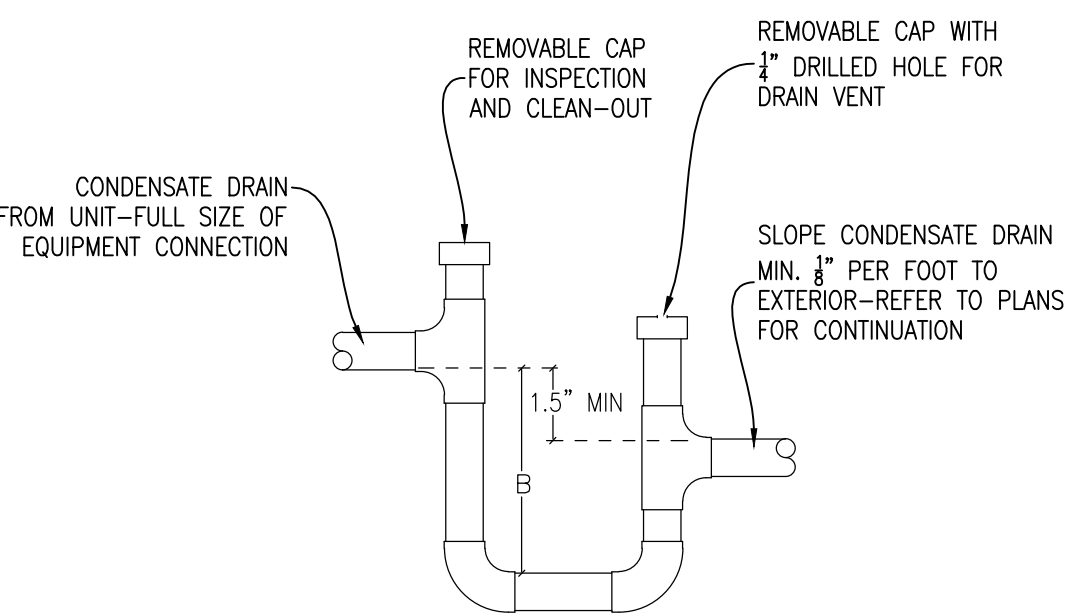


- 1 SECURE CURB CAP TO WOOD NAILING STRIP WITH 3/8" [10mm] CADMIUM PLATED LAG BOLTS NOT OVER 12" [300mm] ON CENTER.
- 2 SECURE ROOF CURB, DUCTWORK AND DAMPER TO ROOF WITH RUST RESISTANT BOLTS (METAL DECK AND BAR JOIST ROOF).

ROOF MOUNTED EXHAUST FAN DETAIL

SCALE:NONE

6

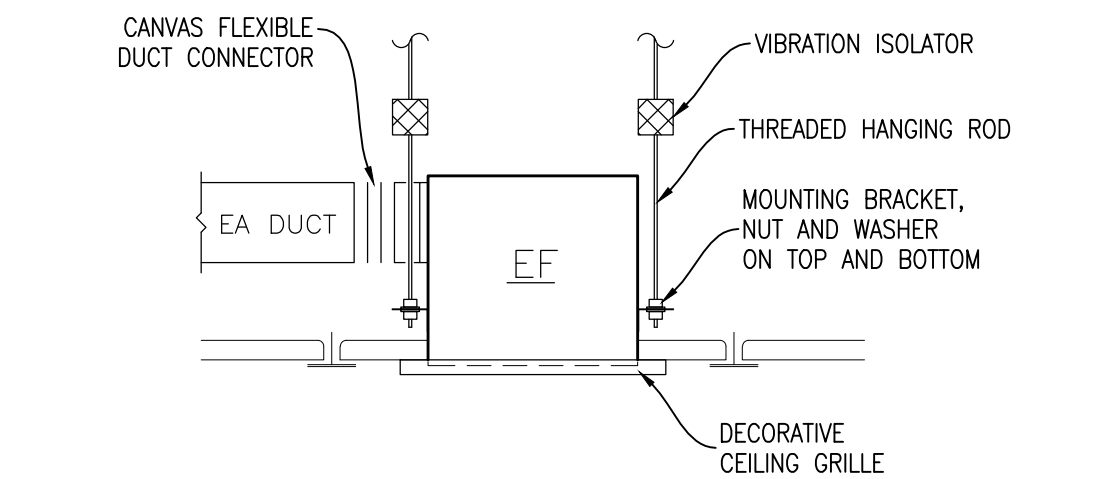


DIMENSION "B" = 2 X TSP FOR THE AHU

CONDENSATE TRAP DETAIL - BLOW THROUGH

SCALE:NONE

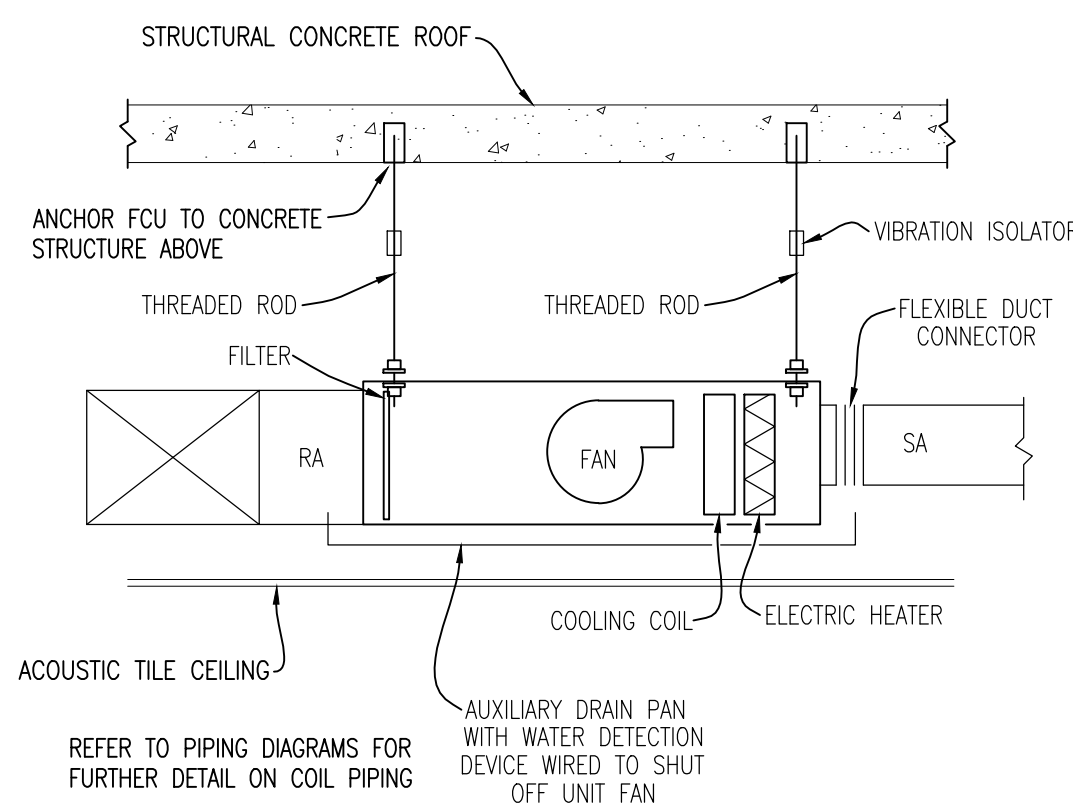
2



CEILING EXHAUST FAN DETAIL

SCALE:NONE

7



REFER TO PIPING DIAGRAMS FOR FURTHER DETAIL ON COIL PIPING

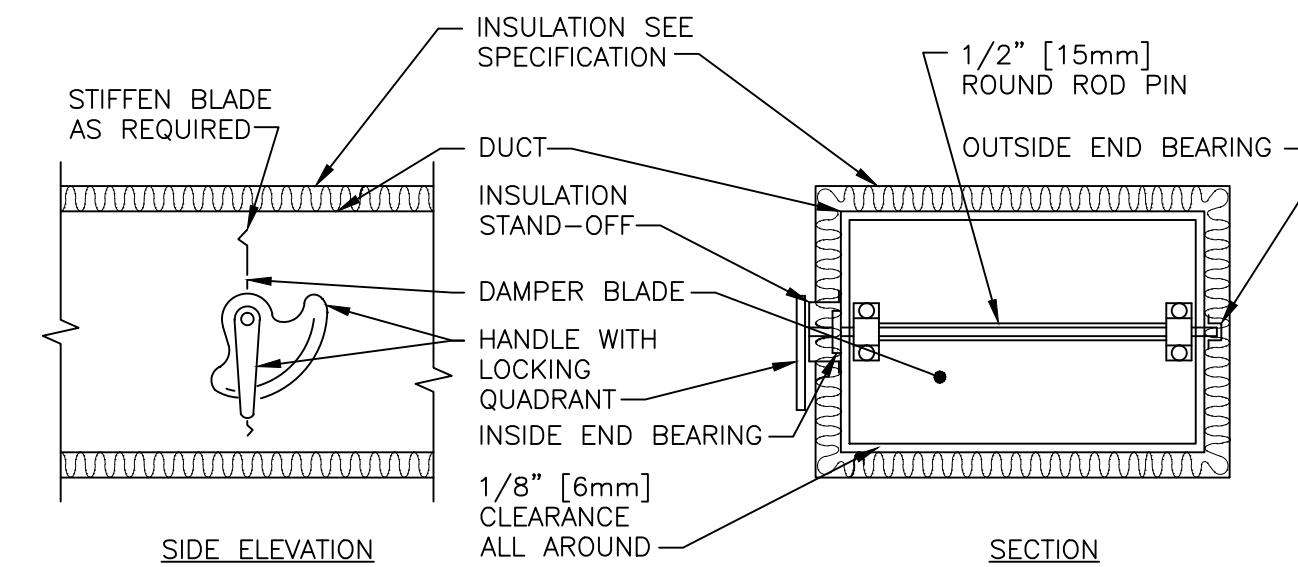
HORIZONTAL FAN COIL UNIT DETAIL

SCALE:NONE

3

NOTES:

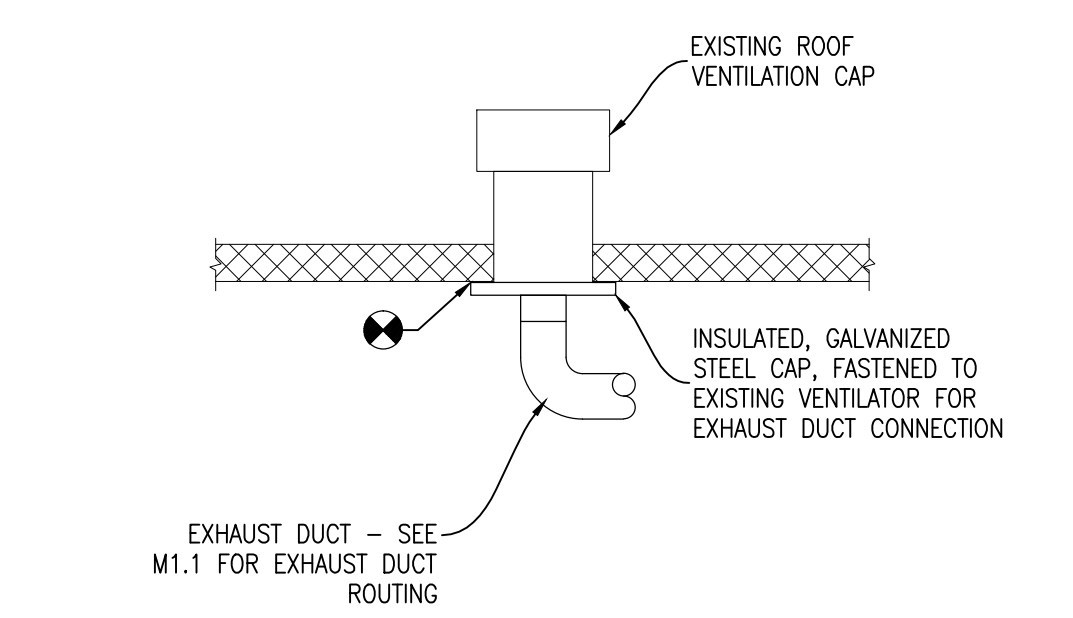
1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
2. DETAIL SHOWS SINGLE BLADE DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.



EXHAUST DUCT TERMINATION DETAIL

SCALE:NONE

8



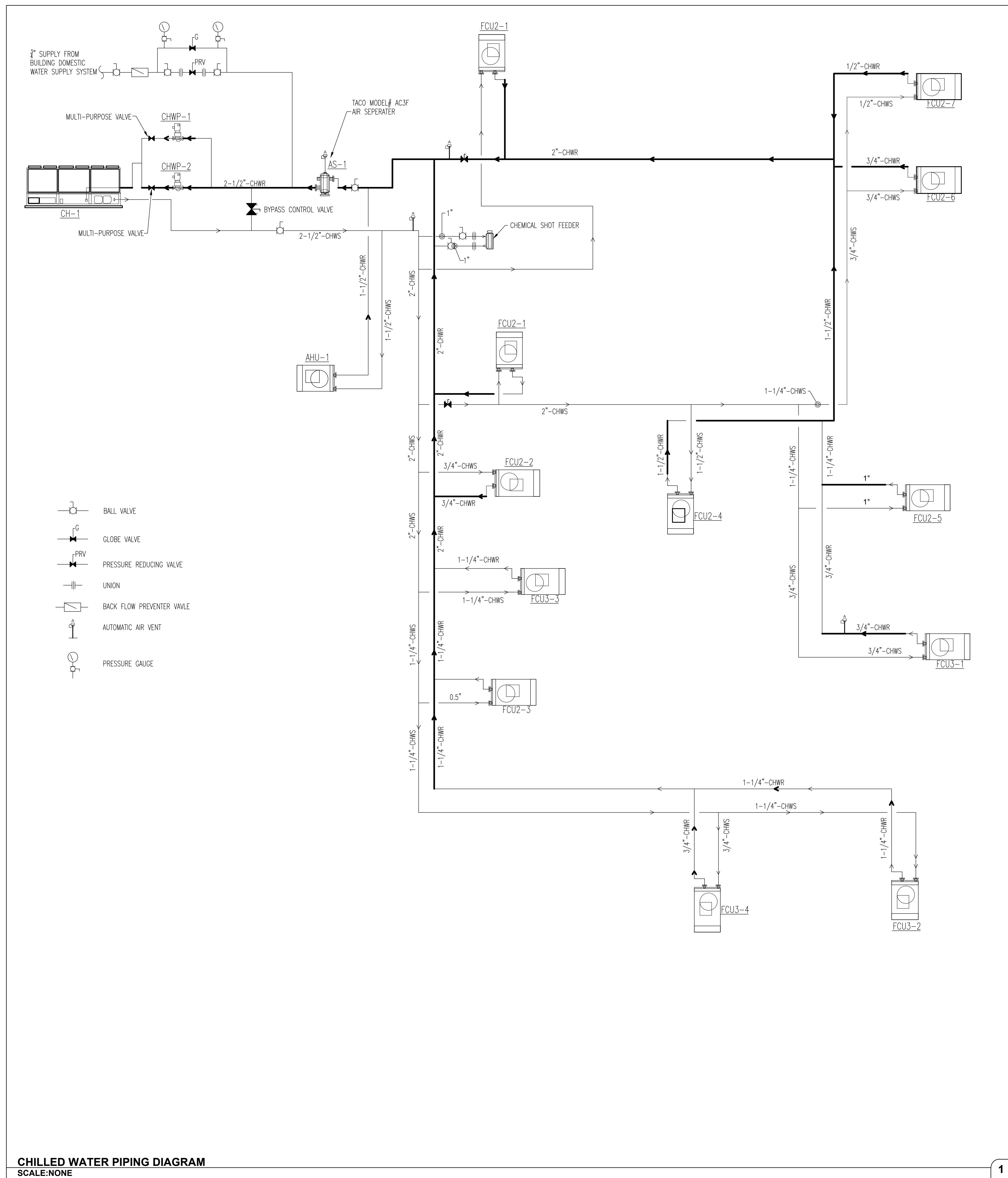
EXHAUST DUCT TERMINATION DETAIL

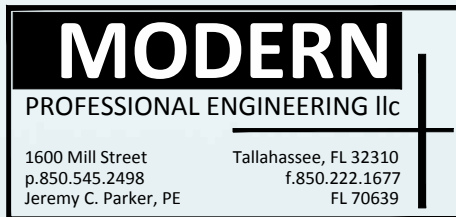
SCALE:NONE

4

Phase	Drawn	Phase	Checked	Date
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	J.PARKER	50%DD	J.PARKER	10/15/10
	J.PARKER	100%DD	J.PARKER	12/08/10
	J.PARKER	50%CD	J.PARKER	03/08/11
	J.PARKER	PERMIT	J.PARKER	04/29/11
	J.PARKER	BID DOC.	J.PARKER	08/31/11

#	DATE	COMMENTS





LEON COUNTY
LIBRARY - LAKE
JACKSON BRANCH

MPE - 10012

BID DOCUMENTS

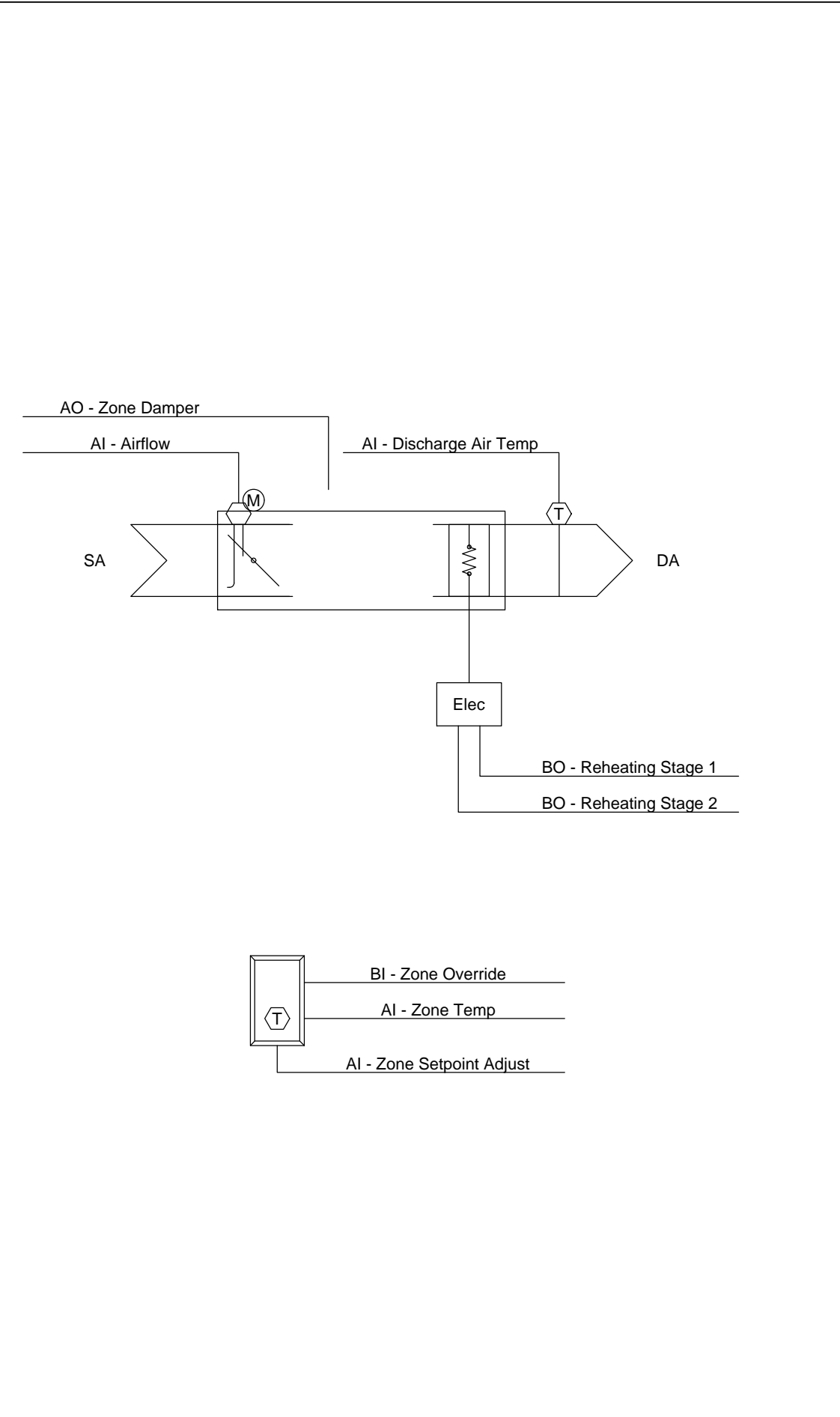
DOUG SHULER
dshuler@jparchitects.com

Phase	Drawn	Phase	Checked	Date
	J.PARKER	SD	J.PARKER	06/25/10
	J.PARKER	50%DD	J.PARKER	10/15/10
	J.PARKER	100%DD	J.PARKER	12/08/10
	J.PARKER	50%CD	J.PARKER	03/08/11
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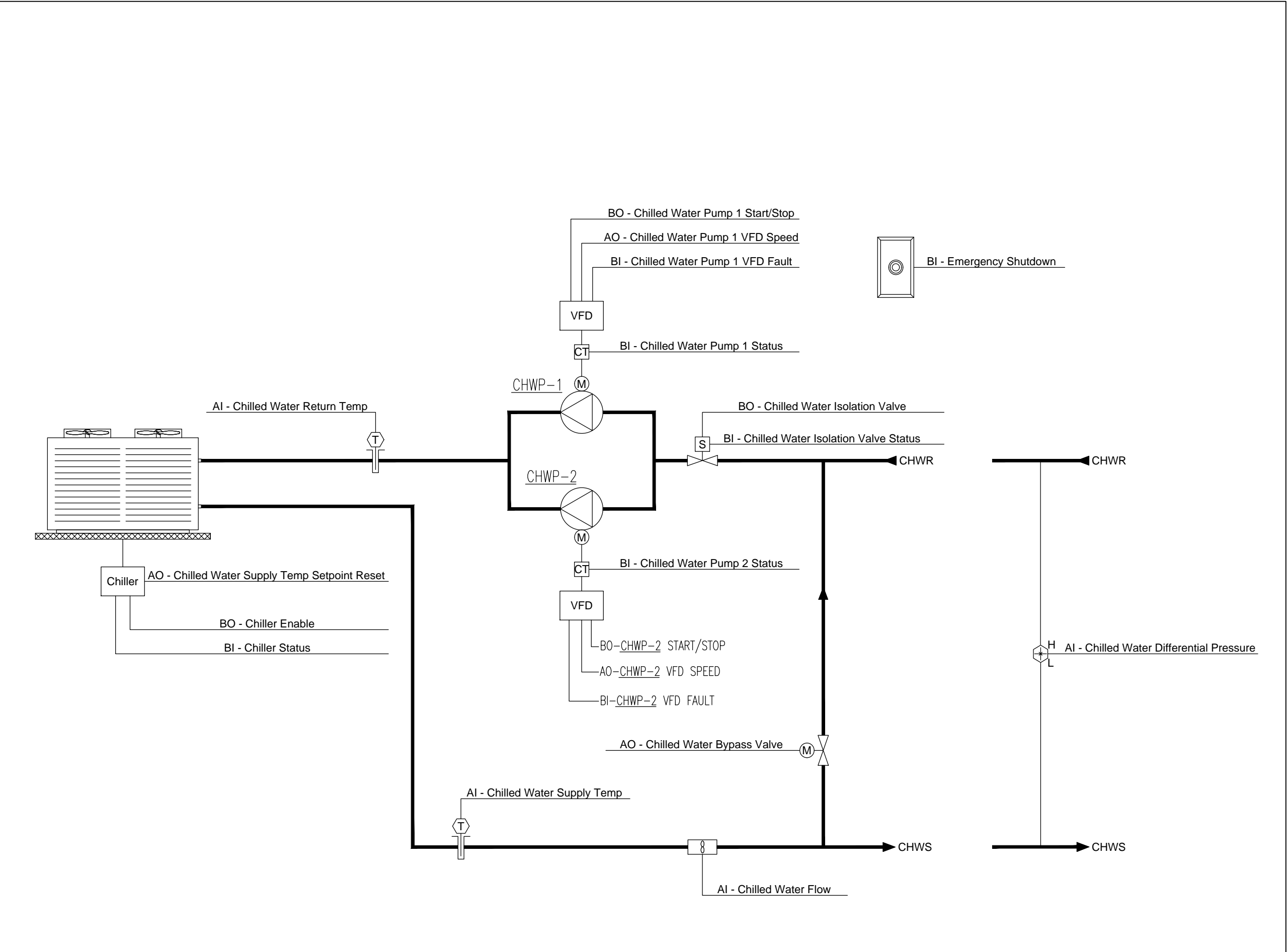
#	DATE	COMMENTS

HVAC CONTROLS

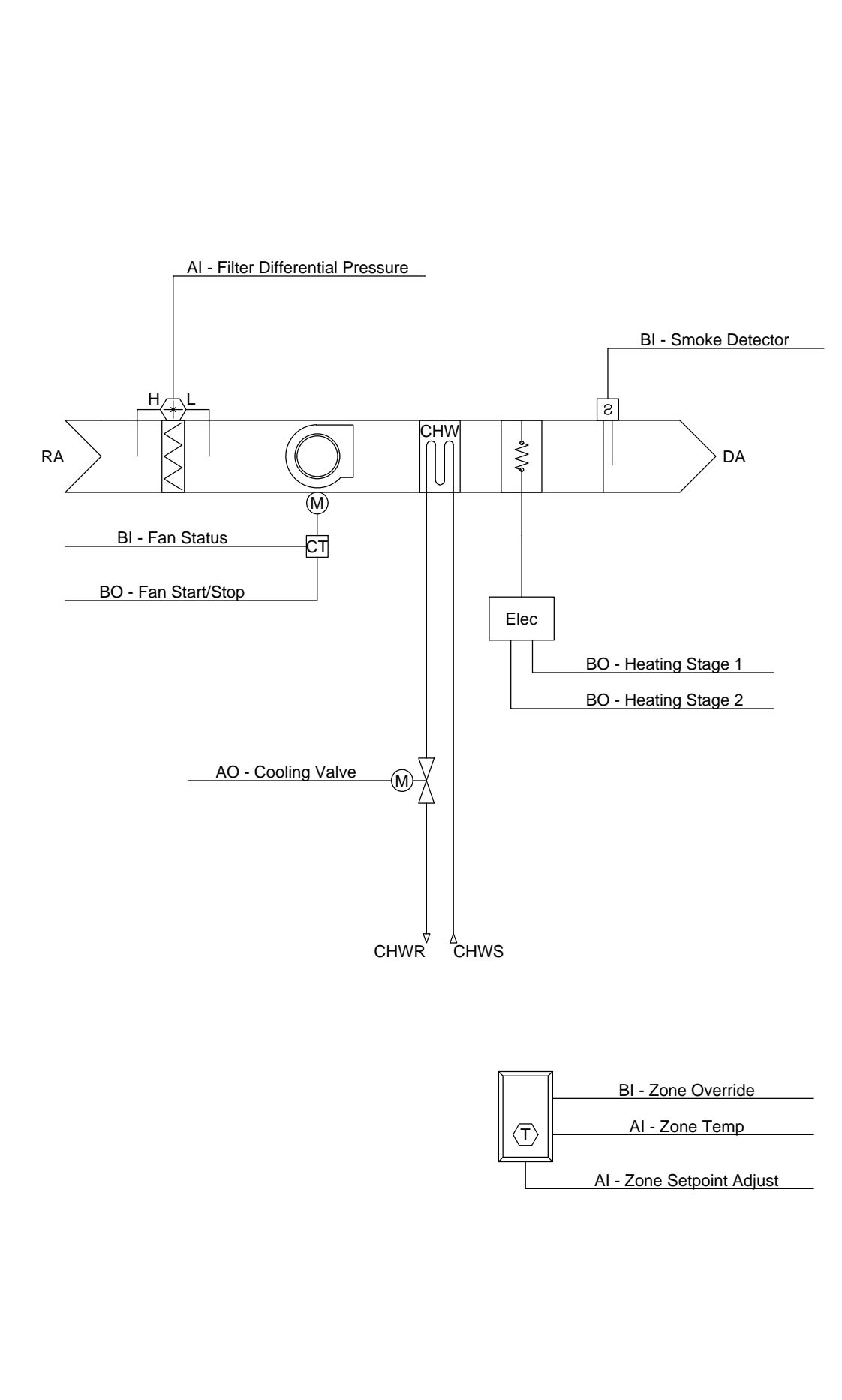
M6.2



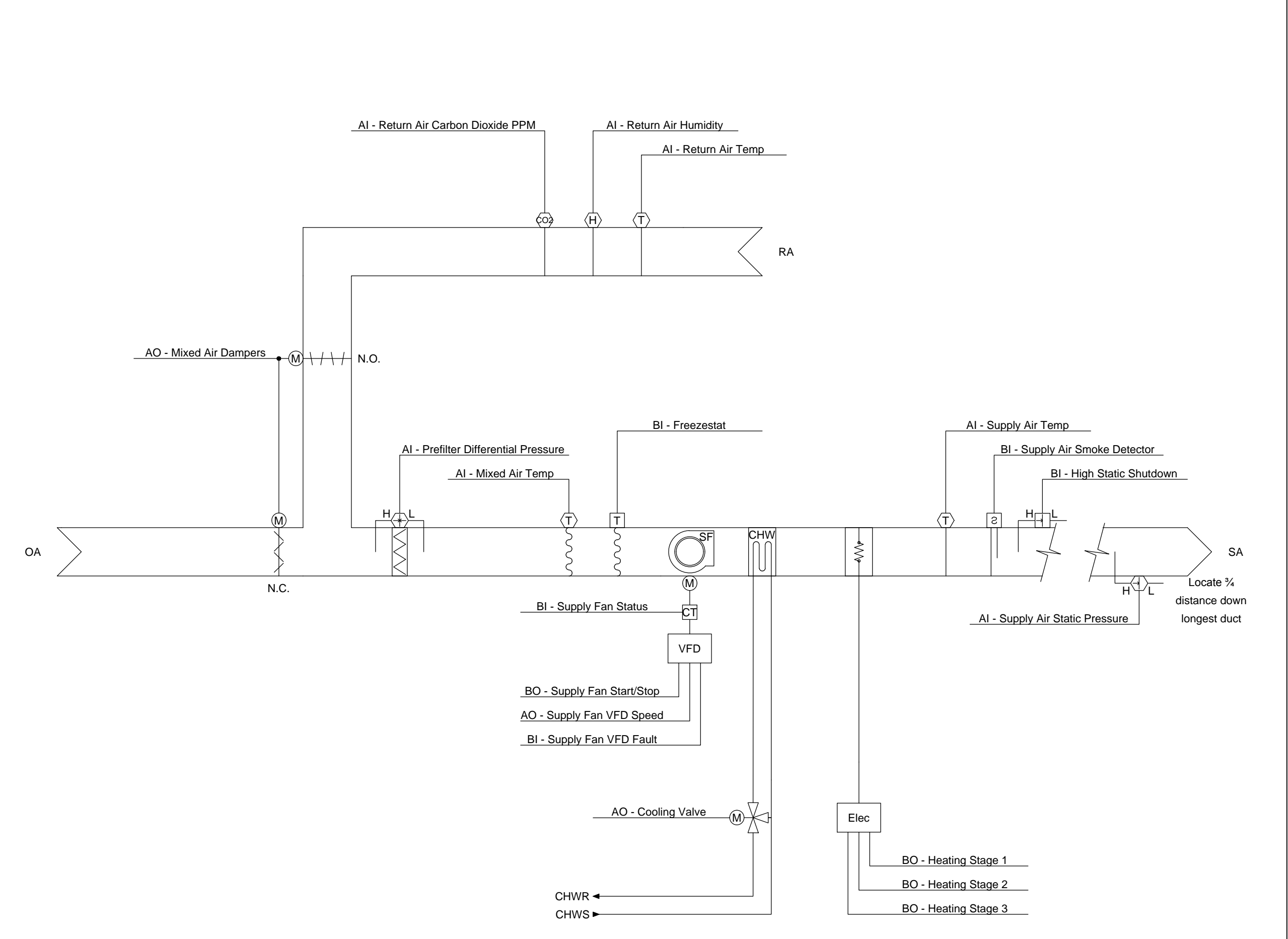
VAV TERMINAL CONTROL
SCALE:NONE



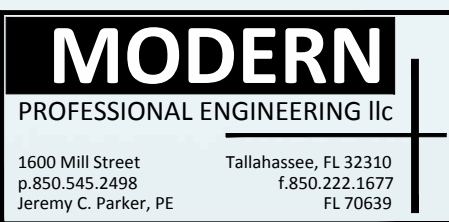
CH-1 CONTROL DIAGRAM
SCALE:NONE



FAN COIL UNIT CONTROL
SCALE:NONE



AHU-1 CONTROL DIAGRAM
SCALE:NONE



LEON COUNTY
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MPE - 10012

BID DOCUMENTS

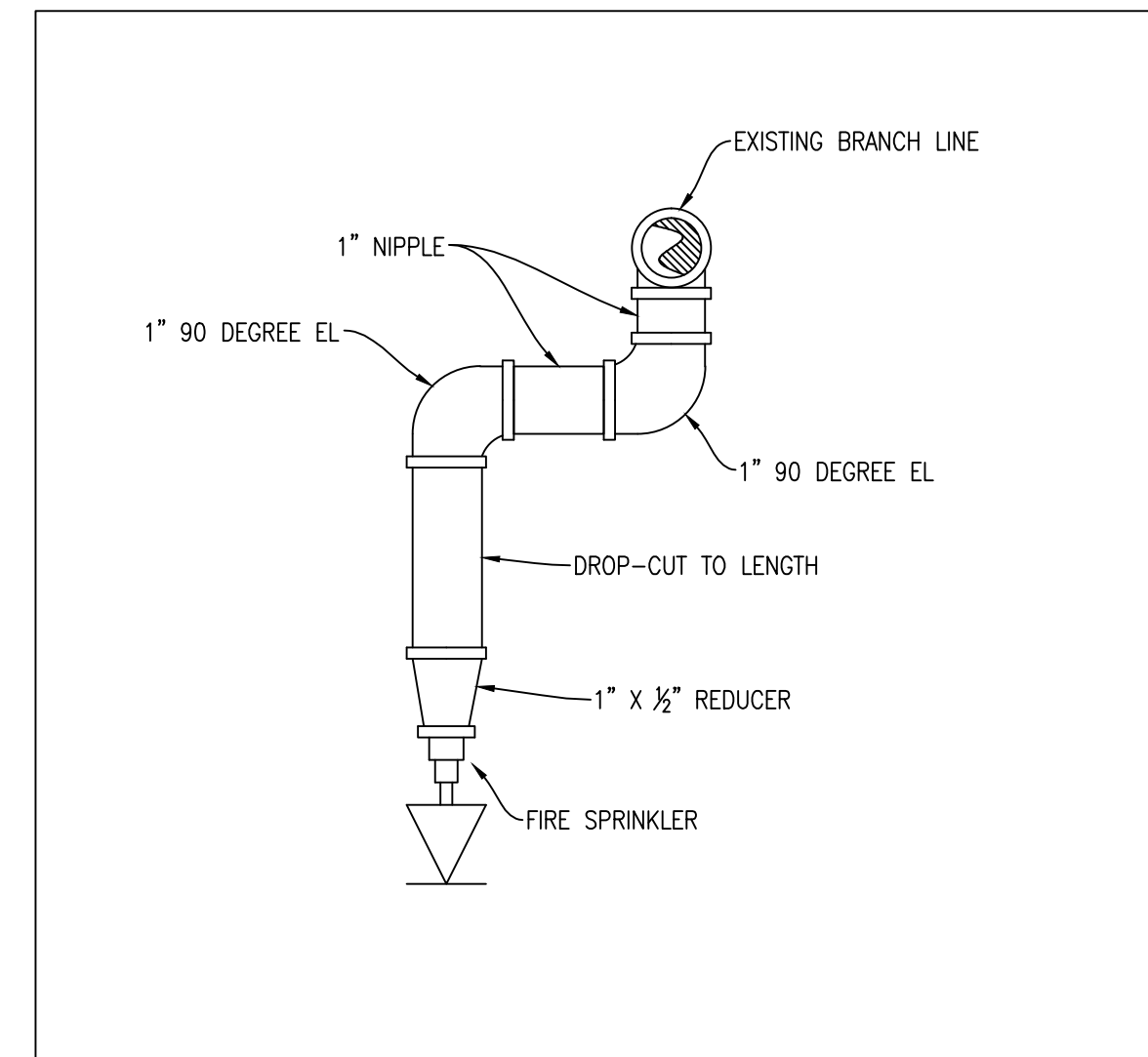
DOUG SHULER
dshuler@jparchitects.com

DRAWN	PHASE	CHECK	DATE
JPARKER	SD	JPARKER	06/25/10
JPARKER	50%DD	JPARKER	10/15/10
JPARKER	100%DD	JPARKER	12/08/10
JPARKER	50%CD	JPARKER	03/08/11
JPARKER	PERMIT	JPARKER	04/29/11
JPARKER	BID DOC.	JPARKER	08/31/11

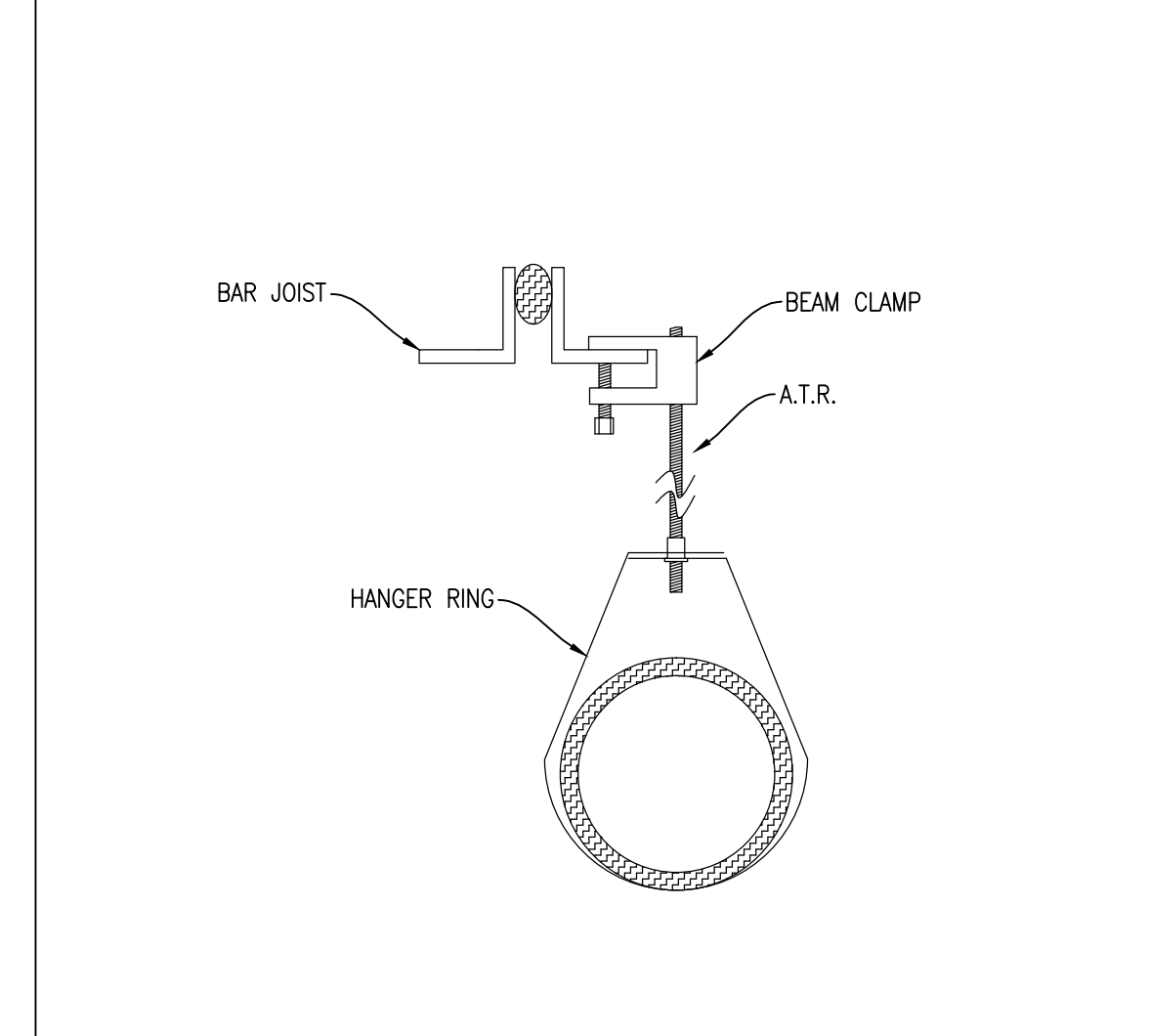
#	DATE	COMMENTS

FIRE PROTECTION
LEGEND, NOTES,
DETAILS, & SHEET
INDEX

F0.1



SWING JOINT ARRANGEMENT
SCALE:NONE 1



HANGER DETAIL
SCALE:NONE 2

- FIRE SPRINKLER SYSTEM GENERAL NOTES**
- FIRE SPRINKLER DRAWINGS ARE DIAGRAMATIC IN NATURE AND INTENDED TO SHOW THE GENERAL SCOPE OF WORK TO BE PERFORMED. SLIGHT DEVIATIONS DUE TO COORDINATION WITH OTHER TRADES AND BUILDING STRUCTURE MAY BE EXPECTED, AND SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
 - THE INTENT OF THESE DRAWINGS IS TO PROVIDE COMPLETE, FUNCTIONAL FIRE PROTECTION SYSTEMS. PROVIDE ALL MATERIALS, ACCESSORIES, AND EQUIPMENT NECESSARY FOR COMPLETION OF THE WORK.
 - BEFORE SUBMITTING BIDS FOR THE WORK DESCRIBED IN THESE DRAWINGS, EACH BIDDER WILL BE HELD TO HAVE EXAMINED THE PREMISES AND SATISFIED HIMSELF AS TO THE EXISTING CONDITIONS UNDER WHICH HE WILL BE OBLIGATED TO OPERATE THE WORK UNDER THIS CONTRACT. NO ALLOWANCE WILL BE MADE SUBSEQUENTLY IN THIS CONNECTION ON BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.
 - REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND COORDINATION.
 - REFER TO ARCHITECTURAL DRAWINGS REFLECTED CEILING PLANS FOR CEILING DESCRIPTIONS AND HEIGHTS.
 - ALL FIRE PROTECTION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST PUBLISHED VERSION OF:
 - NFPA 13
 - NFPA 14
 - NFPA 20
 - NFPA 24
 - ALL APPLICABLE STATE CODES
 - THE CONTRACTOR SHALL INCLUDE ALL PERMITTING, SERVICE, AND CONNECTION CHARGES IN THE BID.
 - A SEPARATE PERMIT IS REQUIRED FOR THE FIRE SPRINKLER SYSTEM AND THE FIRE ALARM SYSTEM.
 - SUBMITTALS**
 - SPRINKLER SHOP DRAWINGS AND MATERIAL SUBMITTALS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER AND STATE FIRE MARSHAL AND SHALL BE APPROVED PRIOR TO ANY INSTALLATION.
 - ALL WORK SHALL BE INSTALLED IN A WORKMANLIKE MANNER.
 - SPRINKLER PIPE SHALL BE RUN IN STRAIGHT, SQUARE, LEVEL, AND/OR PLUMB LINES.
 - THE PROJECT SITE SHALL BE CLEANED OF DEBRIS AND TRASH ASSOCIATED WITH THE WORK AT THE END OF EACH DAY, AND PRIOR TO SUBSTANTIAL COMPLETION.
 - TASK GENERAL CONTRACTOR PERSONNEL WITH ENSURING THAT A CLEAN UP SCHEDULE IS ESTABLISHED AND FULFILLED DAILY BEFORE LEAVING WORK AREA AT THE END OF EACH DAY.
 - FINAL INSPECTION AND APPROVAL SHALL BE BY THE LOCAL FIRE MARSHAL AND ARCHITECT/ENGINEER.
 - PIPING IN EXPOSED AREAS SHALL BE INSTALLED AS HIGH AS POSSIBLE TO ALLOW THE OWNER MAXIMUM USE OF SPACE.
 - SPRINKLERS ARE TO BE COORDINATED WITH ALL DIFFUSERS, SPEAKERS, LIGHTING FIXTURES, AND CEILING SYSTEMS. SPACING OF SPRINKLERS SHALL BE IN ACCORDANCE WITH NFPA 13 AND THE LISTING OF THE SPRINKLER.
 - SPRINKLERS INSTALLED IN CEILING TILES SHALL BE CENTERED IN THE TILE. PROVIDE REMOVER OR SWING JOINT AS REQUIRED.
 - SPRINKLERS IN AREAS WITH EXPOSED STRUCTURE (OBSTRUCTED CONSTRUCTION) SHALL BE INSTALLED WITH DEFLECTOR 1" BELOW THE BOTTOM OF THE BEAM (MAXIMUM 22" BELOW ROOF DECK). EXPOSED BAR JOISTS THAT HAVE SPRAY-ON FIRE PROOFING THAT MAKES THE JOIST SOLID SHALL BE TREATED LIKE A BEAM WITH THE SPRINKLERS 1" BELOW THE BOTTOM OF THE FIRE PROOFING.
 - SLEEVE AND/OR FIRESTOP ALL PENETRATIONS THROUGH RATED WALLS, CEILINGS, AND FLOORS WITH U/L LISTED ASSEMBLIES. FIRESTOP ASSEMBLIES SHALL BE EQUAL OR EXCEED THE RATING OF THE WALL, CEILING OR FLOOR. REFER TO ARCHITECTURAL DRAWINGS FOR FINAL FINISHES.
 - PROVIDE ACCESS PANELS TO ALL VALVES ABOVE NON-ACCESSIBLE CEILINGS AND CHASES.
 - PROVIDE SPRINKLERS UNDERNEATH ALL EXPOSED DUCTWORK WHICH IS OVER 48" WIDE AND SPACE HEADS AROUND ALL OBSTRUCTIONS IN ACCORDANCE WITH NFPA 13. HEADS UNDER DUCTS ARE NOT INDICATED ON THE DRAWINGS BUT ARE REQUIRED AND SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 13. SPRINKLER LOCATIONS UNDER DUCTWORK AND AROUND OBSTRUCTIONS SHALL BE GOVERNED BY FINAL INSTALLED LOCATIONS.
 - PROVIDE SPRINKLER GUARDS ON ALL HEADS IN ELECTRIC ROOMS, TELEPHONE ROOMS, ELEVATOR ROOMS, ELEVATOR SHAFTS, AND ON ANY HEAD LESS THAN 7'-0" ABOVE THE FLOOR.
 - IF SYSTEMS PRESSURE EXCEEDS 100 PSI, ALL HANGERS ON END HEADS IN PENDANT POSITION SHALL BE WITHIN 12" OF THE END OF THE LINE IN ACCORDANCE WITH NFPA 13.
 - COORDINATE PIPING WITH ALL ELECTRICAL EQUIPMENT (PANELS, TRANSFORMERS, ETC.) PRIOR TO ANY INSTALLATION. DO NOT ROUTE ANY PIPING OVER ANY ELECTRICAL PANELS UNDER ANY CIRCUMSTANCES. ANY PIPING RUN OVER ELECTRICAL SHALL BE REROUTED AT NO ADDITIONAL COST.
 - OPENINGS LEFT IN WALLS AND/OR PARTITIONS DUE TO THE REMOVAL OF FIXTURES, PIPING, OR ANY OTHER PLUMBING EQUIPMENT ARE TO BE SEALED TO MATCH EXISTING SURROUNDING SURFACES AND CONDITIONS AND IF APPLICABLE SHALL MAINTAIN EXISTING RATINGS.

- PIPE MATERIALS**
- ALL PIPE SHALL BE BLACK STEEL, WITH BLACK CAST/MALEABLE IRON WITH JOINTS PER NFPA.
 - PIPE SCHEDULE
 - LINE PIPING - SCHEDULE 40 STANDARD WALL
 - X-MAIN PIPING - SCHEDULE 10 THIN WALL
 - BULK MAIN PIPING - SCHEDULE 10 THIN WALL
 - RISER PIPING - SCHEDULE 10 THIN WALL

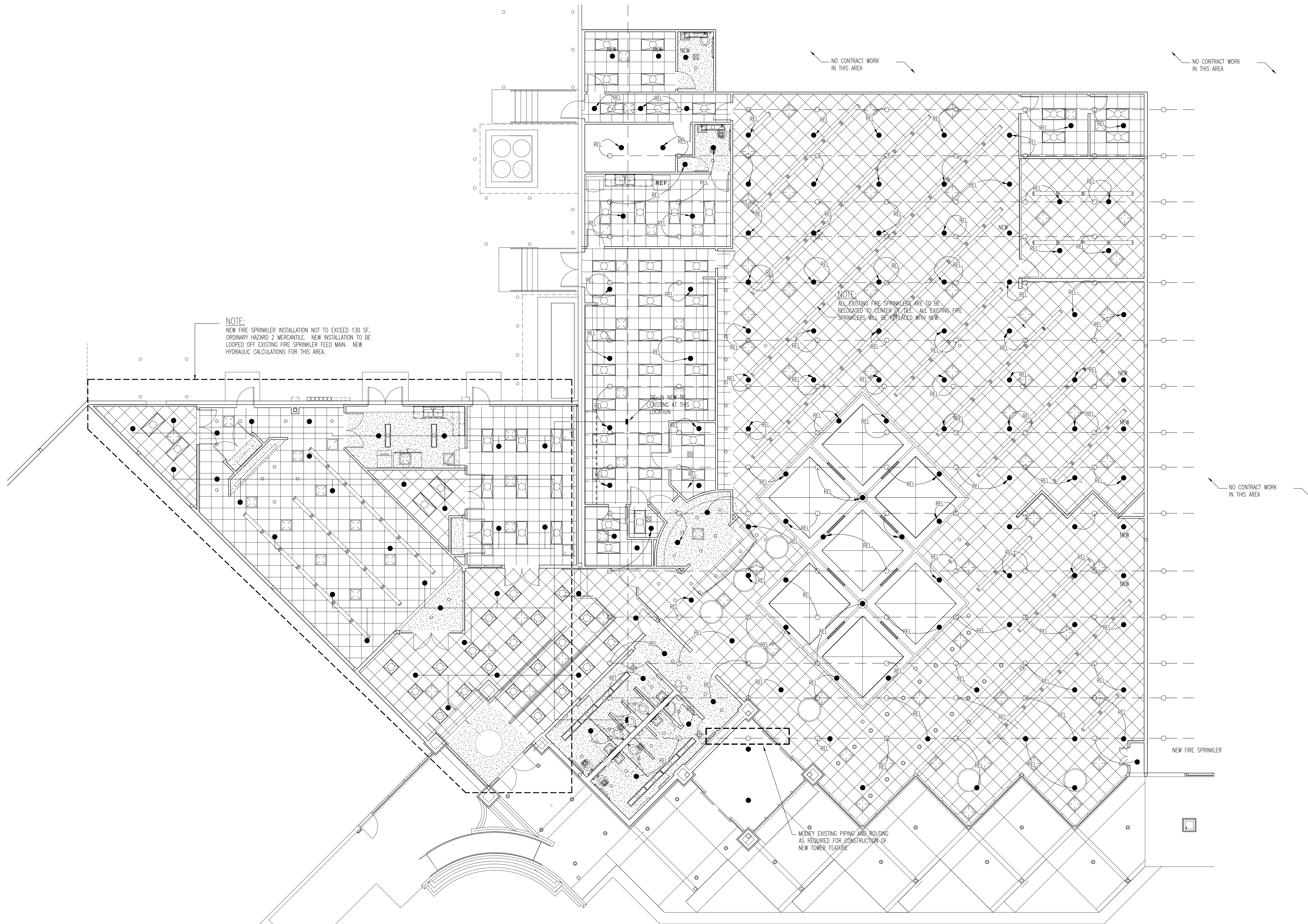
- PIPE HANGERS**
- PIPE HANGERS SHALL BE INSTALLED AS REQUIRED BY NFPA FOR SUPPORTING SPRINKLER PIPING.
 - NO OTHER PIPING AND/OR DEVICES ARE TO BE ATTACHED TO THE SPRINKLER PIPE HANGER SYSTEM UNLESS THE HANGER HAS BEEN SPECIFICALLY DESIGNED FOR THE ADDITIONAL LOADING.
 - THIS CONTRACT DOES NOT INCLUDE ANY MATERIAL OR DEVICE TO IMPROVE THE STRUCTURAL STRENGTH OF THE BUILDING TO ENABLE IT TO CARRY THE LOAD OF THE FIRE PROTECTION SYSTEM.

SHEET INDEX

SHEET #	TITLE	ISSUED
F0.1	FIRE PROTECTION LEGEND, NOTES, DETAILS, & SHEET INDEX	YES
F1.1	RENOVATION PLAN - FIRE PROTECTION	YES

Phase	Drawn	Phase	Check	Date
	JPARKER	SD	JPARKER	06/25/10
	JPARKER	50%DD	JPARKER	10/15/10
	JPARKER	100%DD	JPARKER	12/08/10
	JPARKER	50%CD	JPARKER	03/08/11
	JPARKER	PERMIT	JPARKER	04/29/11
	JPARKER	BID DOC.	JPARKER	08/31/11

#	DATE	COMMENTS
1	07/29/11	COT PLAN REVIEW

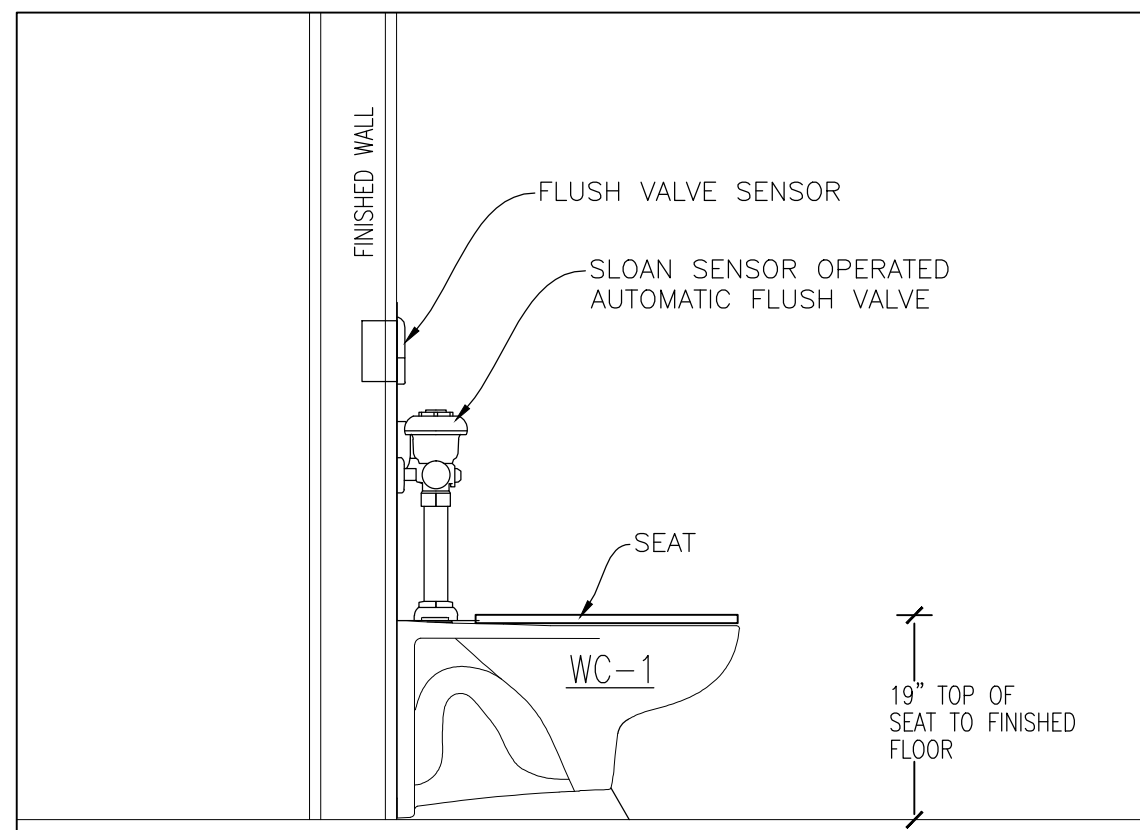


NOTE:
NEW FIRE SPRINKLER INSTALLATION NOT TO EXCEED 130 SF.
ORDINARY HAZARD 2 MERCANTILE. NEW INSTALLATION TO BE
LOOPED OFF EXISTING FIRE SPRINKLER FEED MAIN. NEW
HYDRAULIC CALCULATIONS FOR THIS AREA.

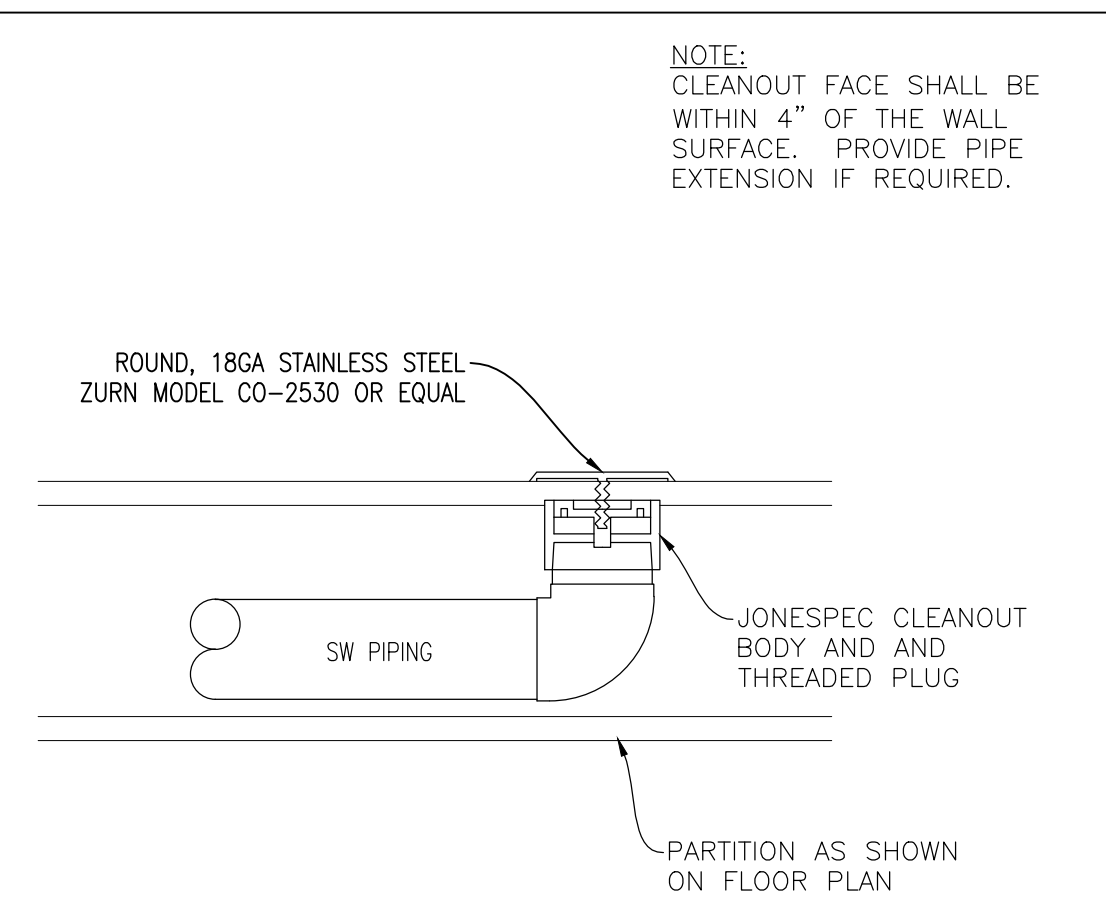
NOTE:
ALL EXISTING FIRE SPRINKLERS ARE TO BE
RELOCATED TO CENTER OF TILE. ALL EXISTING FIRE
SPRINKLERS WILL BE REPLACED WITH NEW.

TIE-IN NEW TO
EXISTING AT THIS
LOCATION

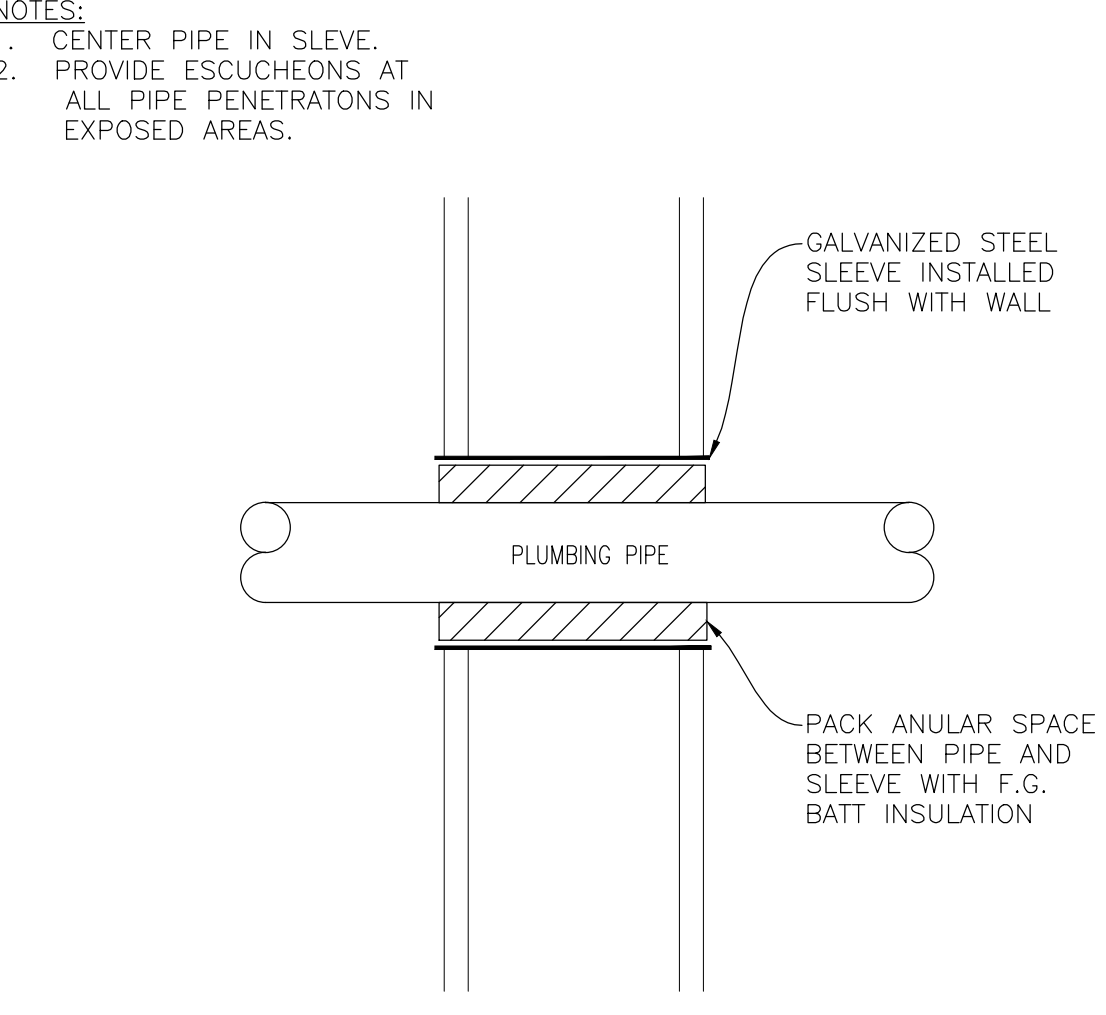
MODIFY EXISTING PIPING AND ROUTING
AS REQUIRED FOR CONSTRUCTION OF
NEW TOWER FEATURE



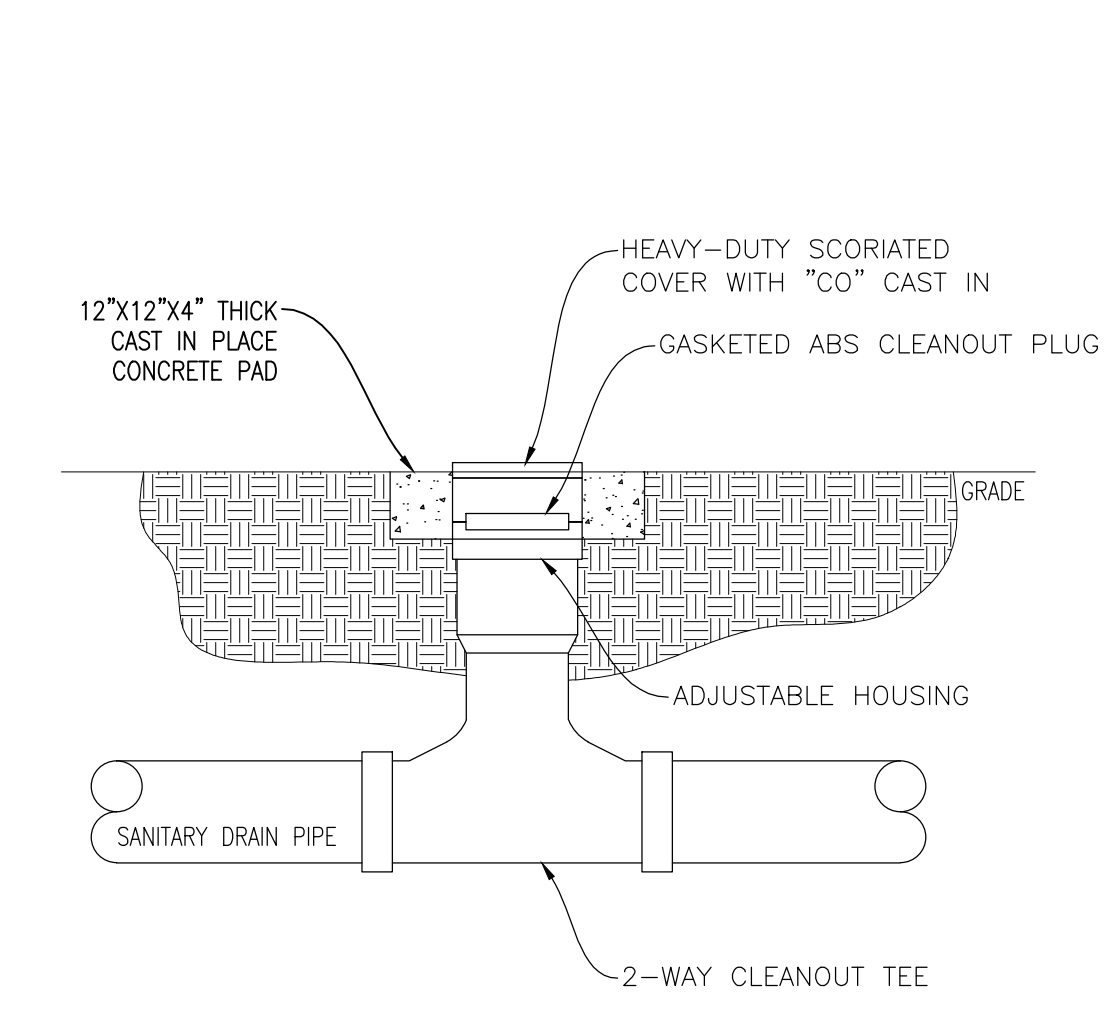
FLOOR MOUNTED TOILET DETAIL
SCALE: NONE



WALL CLEANOUT DETAIL
SCALE: NONE



NON-RATED WALL PENETRATION
SCALE: NONE



EXTERIOR 2-WAY CLEANOUT DETAIL
SCALE: NONE

PLUMBING LEGEND

COLD WATER SUPPLY	---
SANITARY DRAIN	---
ELBOW DN	—•
ELBOW UP	—•
VTR	—•

PLUMBING FIXTURE SCHEDULE	ABBREVIATIONS
WC-1 WATER CLOSET – FLOOR MOUNTED MANUFACTURER: KOHLER MODEL – K4406 WELLWORTH VITREOUS CHINA, ELONGATED BOWL, COLOR: WHITE SEAT: K4654-A OPEN FRONT SEAT WITH ANTI MICROBIAL AGENT FLUSHOMETER – ZURN MODEL ZT56200EV SENSOR OPERATED	CWS COLD WATER SUPPLY DN DOWN ECO EXTERIOR CLEANOUT FD FLOOR DRAIN HWS HOT WATER SUPPLY SW SANITARY WASTE UNO UNLESS NOTED OTHERWISE VTR VENT THROUGH ROOF
WC-2 WATER CLOSET – FLOOR MOUNTED – ADA MANUFACTURER: KOHLER MODEL – K4405 HIGHLINE ADA COMPLIANT, VITREOUS CHINA, ELONGATED BOWL, COLOR: WHITE SEAT: K4654-A OPEN FRONT SEAT WITH ANTI MICROBIAL AGENT FLUSHOMETER – ZURN MODEL ZT56200EV SENSOR OPERATED	
U-1 URINAL – WALL MOUNTED MANUFACTURER: KOHLER MODEL – K4904 BARDON ¾ GPF ADA COMPLIANT, VITREOUS CHINA, COLOR: WHITE FLUSHOMETER – ZURN MODEL Z66003 ¾-GPF MOUNT USING ZURN FLOOR MOUNTED WALL CARRIER	
L-1 WALL MOUNTED LAVATORY MANUFACTURER: KOHLER LAVATORY MODEL: K-1999-BN ADA COMPLIANT, VITREOUS CHINA, WALL MOUNT LAVATORY, 21-15/16" L X 19-3/4" W, 4" CENTERS FAUCET MODEL: SLOAN SF-2200 POLISHED CHROME FINISH, METAL CONSTRUCTION FAUCET SENSOR OPERATED ACCESSORIES: K-8998 P-TRAP K-1998 SHROUD WAITS FLOOR MOUNTED PLATE TYPE WALL CARRIER.	
L-2 WALL MOUNTED LAVATORY MANUFACTURER: KOHLER LAVATORY MODEL: K-1997 ADA COMPLIANT, VITREOUS CHINA, WALL MOUNT LAVATORY, 21-15/16" L X 19-3/4" W, 4" CENTERS FAUCET MODEL: SLOAN SF-2200 POLISHED CHROME FINISH, METAL CONSTRUCTION FAUCET SENSOR OPERATED ACCESSORIES: K-8998 P-TRAP K-1998 SHROUD WAITS FLOOR MOUNTED PLATE TYPE WALL CARRIER.	
DF-1 WALL MOUNTED, ADA DRINKING FOUNTAIN MANUFACTURER: ELKAY MODEL: EDPFBM17C ADA COMPLIANT, SELF CONTAINED, WALL HUNG WATER COOLER. FURNISH WITH FLOOR MOUNTED CONCEALED ARM CARRIER. MOUNT WATER COOLER IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS FOR ADA COMPLIANCE. INSTALL BALL VALVE FOR SERVICE STOP AT WATER COOLER BRANCH.	
WCO WALL CLEANOUT MANUFACTURER: ZURN 2"x3" CLEANOUT BODY PVC CONSTRUCTION FURNISH WITH ZURN CO-2530 STAINLESS STEEL ACCESS COVER.	
HB-1 WALL HYDRANT MANUFACTURER: ZURN MODEL: 21349 NARROW WALL HYDRANT COMPLETE WITH BRONZE BODY, ALL BRONZE INTERIOR PARTS, REPLACEABLE SEAT WASHER, KEY OPERATED CONTROL VALVE, ¾" MALE HOSE CONNECTION ALL HOSE BIBS SHALL HAVE A VACUUM BREAKER	
WH-1 POINT OF USE INSTANTANEOUS WATER HEATER MANUFACTURER: EEMAX MODEL: EX35T-ML, MULTIPLE LAVATORY OPTION ELECTRICAL: 208-1V/SINGLE PHASE AMPERAGE: 14.6 A	
WH-2 POINT OF USE INSTANTANEOUS WATER HEATER MANUFACTURER: EEMAX MODEL: EX48T-ML, MULTIPLE LAVATORY OPTION ELECTRICAL: 208-1V/SINGLE PHASE AMPERAGE: 20 A	
FD FLOOR DRAIN MANUFACTURER: ZURN MODEL: FD2201, 3" FLOOR DRAIN ALL FLOOR DRAINS SHALL HAVE DEEP SEAL TRAPS AND AUTOMATIC TRAP PRIMERS. TRAP PRIMER MANUFACTURER: PRECISION PLUMBING PRODUCTS	
MS-1 UTILITY SINK MANUFACTURER: ZURN MODEL: SINK-Z5850 FAUCET-Z841A4	
S-1 SINK: KOHLER DOUBLE BOWL MODEL K-3820 FINISH: STAINLESS STEEL FAUCET: KOHLER POLISHED CHROME FINISH DISPOSAL: GE APPLIANCES M#GC720F COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER REQUIREMENTS.	

- PLUMBING GENERAL SPECIFICATIONS**
- PLUMBING DRAWINGS ARE DIAGRAMATIC IN NATURE AND INTENDED TO SHOW THE GENERAL SCOPE OF WORK TO BE PERFORMED. SLIGHT DEVIATIONS DUE TO COORDINATION WITH OTHER TRADES AND BUILDING STRUCTURE MAY BE EXPECTED, AND SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
 - THE INTENT OF THESE DRAWING IS TO PROVIDE COMPLETE, FUNCTIONAL PLUMBING SYSTEMS. PROVIDE ALL MATERIALS, ACCESSORIES, AND EQUIPMENT NECESSARY FOR COMPLETION OF THE WORK.
 - BEFORE SUBMITTING BIDS FOR THE WORK DESCRIBED IN THESE DRAWINGS, EACH BIDDER WILL BE HELD TO HAVE EXAMINED THE PREMISES AND SATISFIED HIMSELF AS TO THE EXISTING CONDITIONS UNDER WHICH HE WILL BE OBLIGATED TO OPERATE THE WORK UNDER THIS CONTRACT. NO ALLOWANCE WILL BE MADE SUBSEQUENTLY IN THIS CONNECTION ON BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.
 - REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND COORDINATION.
 - LOCATIONS OF ANY WASTE AND SUPPLY PIPING SHOWN ARE ONLY APPROXIMATE. THE PLUMBING CONTRACTOR SHALL VERIFY THESE LOCATIONS BEFORE PROCEEDING WITH WORK.
 - ALL PLUMBING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST PUBLISHED VERSION OF:
 - THE FLORIDA BUILDING CODE
 - THE FLORIDA BUILDING CODE – PLUMBING
 - THE NATIONAL ELECTRIC CODE
 - OSHA
 - THE CONTRACTOR SHALL INCLUDE ALL PERMITTING, SERVICE, AND CONNECTION CHARGES IN THE BID.
 - CONTRACTORS USE OF AN APPROVAL STAMP ON SUBMITTAL DOCUMENTS CERTIFIES THAT THE CONTRACTOR HAS COMPLIED WITH THE CONTRACT DOCUMENT REQUIREMENTS.
 - THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE ARCHITECT/ENGINEER'S APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES, OR SIMILAR SUBMITTAL ITEMS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE ARCHITECT/ENGINEER IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND THE ARCHITECT/ENGINEER HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS, PRODUCT DATA, SAMPLES, OR SIMILAR SUBMITTAL ITEMS BY THE ARCHITECT/ENGINEER'S APPROVAL THEREOF.
 - ALL WORK ASSOCIATED WITH THE SYSTEMS SHOWN IN THESE DRAWINGS SHALL BE PERFORMED BY SKILLED TRADESMEN, TRAINED IN THE PROCEDURES NECESSARY TO PERFORM ALL TASKS ASSOCIATED WITH THE WORK.
 - ALL WORK SHALL BE INSTALLED IN A WORKMANLIKE MANNER.
 - ALL PLUMBING PIPE SHALL BE RUN IN STRAIGHT, SQUARE, LEVEL, AND/OR PLUMB LINES. NO SAGGING OF PLUMBING PIPING SHALL BE ACCEPTED.
 - THE PROJECT SITE SHALL BE CLEANED OF DEBRIS AND TRASH ASSOCIATED WITH THE WORK AT THE END OF EACH DAY, AND PRIOR TO SUBSTANTIAL COMPLETION.

- PLUMBING POTABLE WATER SUPPLY SYSTEM SPECIFICATIONS**
- GENERAL
 - ALL POTABLE WATER PIPING SHALL BE DISINFECTED IN ACCORDANCE WITH THE PLUMBING CODE AND VERIFIED BY WRITTEN REPORT FROM THE STATE BOARD OF HEALTH.
 - ALL PLUMBING PIPING SHALL BE CONCEALED IN FLOORS, WALLS, OR ABOVE CEILINGS AS APPLICABLE EXCEPT AT IMMEDIATE FIXTURE.
 - PIPING SYSTEMS SPECIFICATIONS
 - DOMESTIC COLD WATER SUPPLY PIPING SHALL BE TYPE L COPPER.
 - INSULATE CWS PIPING IN EXTERIOR WALLS AND ATTIC WITH 1" IMCOLOCK PRE-SLIT, PRE-GLUED INSULATION. INSULATE FITTINGS WITH MITERED CUT PIECES OF IMCOLOCK, 1" INSULATION.
 - INSULATE HWS PIPING WITH MINIMUM 1" IMCOLOCK INSULATION. THERE SHALL BE NO EXPOSED HWS PIPING.
 - PROVIDE HANGERS FOR CWS PIPING AT A MAXIMUM SPACING OF 3 FEET.
 - BELOW GRADE PIPING SHALL BE COATED WITH HEAVY TROWEL GRADE LION OIL CO. NOKORODE SEALKOTE OR APPROVED EQUAL.

- SANITARY WASTE SYSTEM SPECIFICATIONS**
- GENERAL
 - GRAVITY FLOW SYSTEMS HAVE SPACE PRIORITY FOR SLOPING PIPES.
 - SLOPING PIPES SHALL BE STARTED AT THE HIGHEST POINT POSSIBLE.
 - ALL SOIL, WASTE, AND VENT PIPING SHALL BE TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND LOCAL PERMITTING AUTHORITIES REQUIREMENTS.
 - PIPING SYSTEM SPECIFICATIONS
 - DOMESTIC SOIL, WASTE, AND VENT PIPING SHALL BE SCHEDULE 40 PVC/DWV PIPE WITH SOLVENT WELD DRAINAGE FITTINGS CONFORMING TO ASTM D-2665.
 - UNLESS NOTED OTHERWISE, VENT PIPING SHALL BE 2".
 - THE GENERAL CONTRACTOR SHALL VERIFY ALL FLOOR DRAIN AND WATER SUPPLY LOCATIONS BEFORE POURING SLABS.

SHEET INDEX

SHEET #	TITLE	ISSUED
PO.1	PLUMBING LEGEND, NOTES, SCHEDULES, & SHEET INDEX	YES
PD1.1	DEMOLITION PLAN – PLUMBING	NO
P1.1	RENOVATION PLAN – PLUMBING – GRAVITY	YES
P2.1	RENOVATION PLAN – PLUMBING – PRESSURE	NO
P3.1	PLUMBING ISOMETRIC DETAILS	YES

JOHNSON PETERSON Architects

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jeremy C. Parker, PE FL 70639

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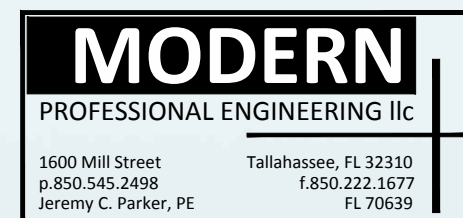
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dshuler@jparchitects.com

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J.PARKER	SD	J.PARKER	06/25/10
J.PARKER	50%DD	J.PARKER	10/15/10
J.PARKER	100%DD	J.PARKER	12/08/10
J.PARKER	50%CD	J.PARKER	03/08/11
J.PARKER	PERMIT	J.PARKER	04/29/11
J.PARKER	BID DOC.	J.PARKER	08/31/11

#	DATE	COMMENTS

PLUMBING LEGEND, NOTES, SCHEDULES, & SHEET INDEX

PO.1



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	JPARKER	50%CD	JPARKER	03/08/11
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	JPARKER	BID DOC.	JPARKER	08/31/11

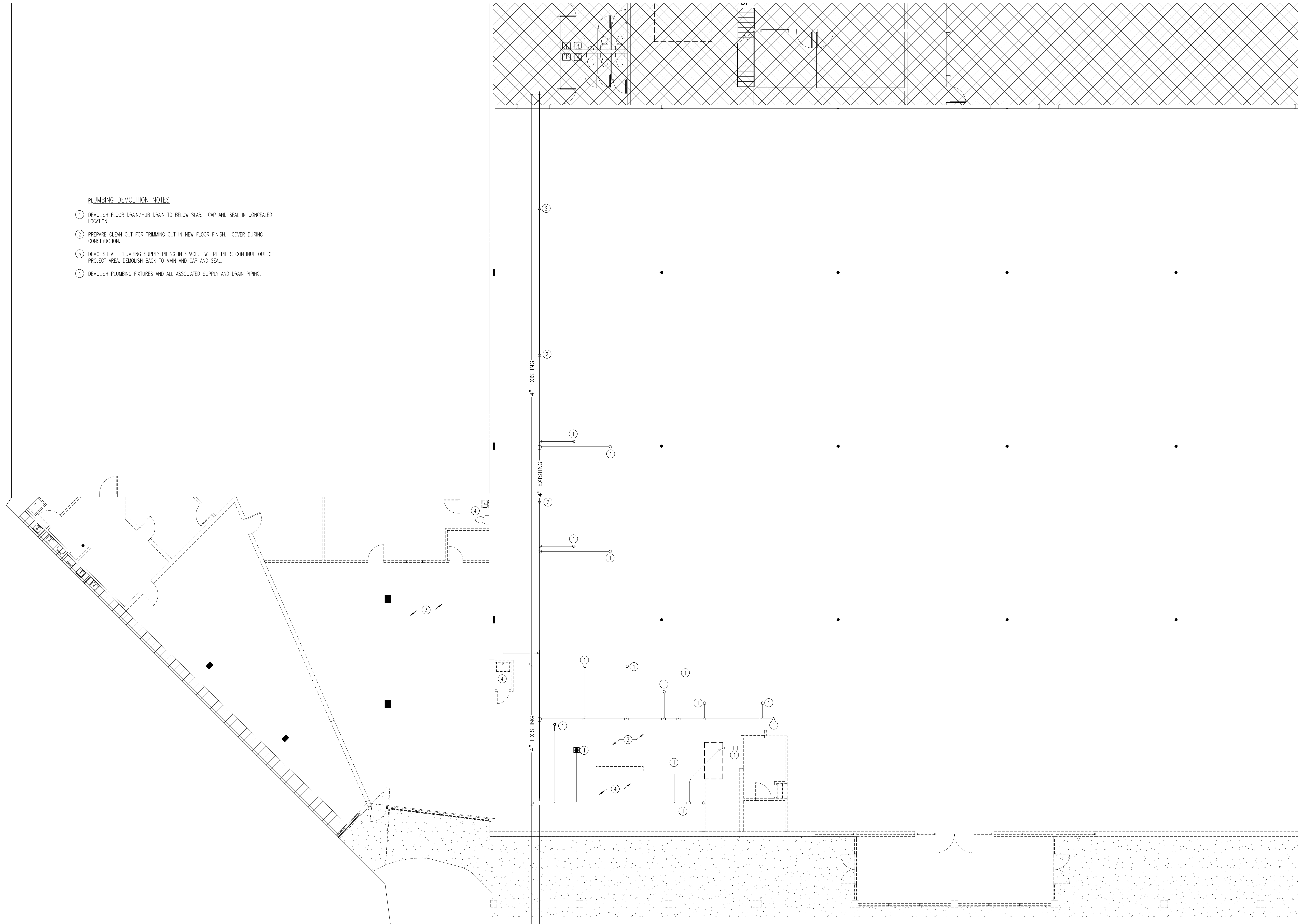
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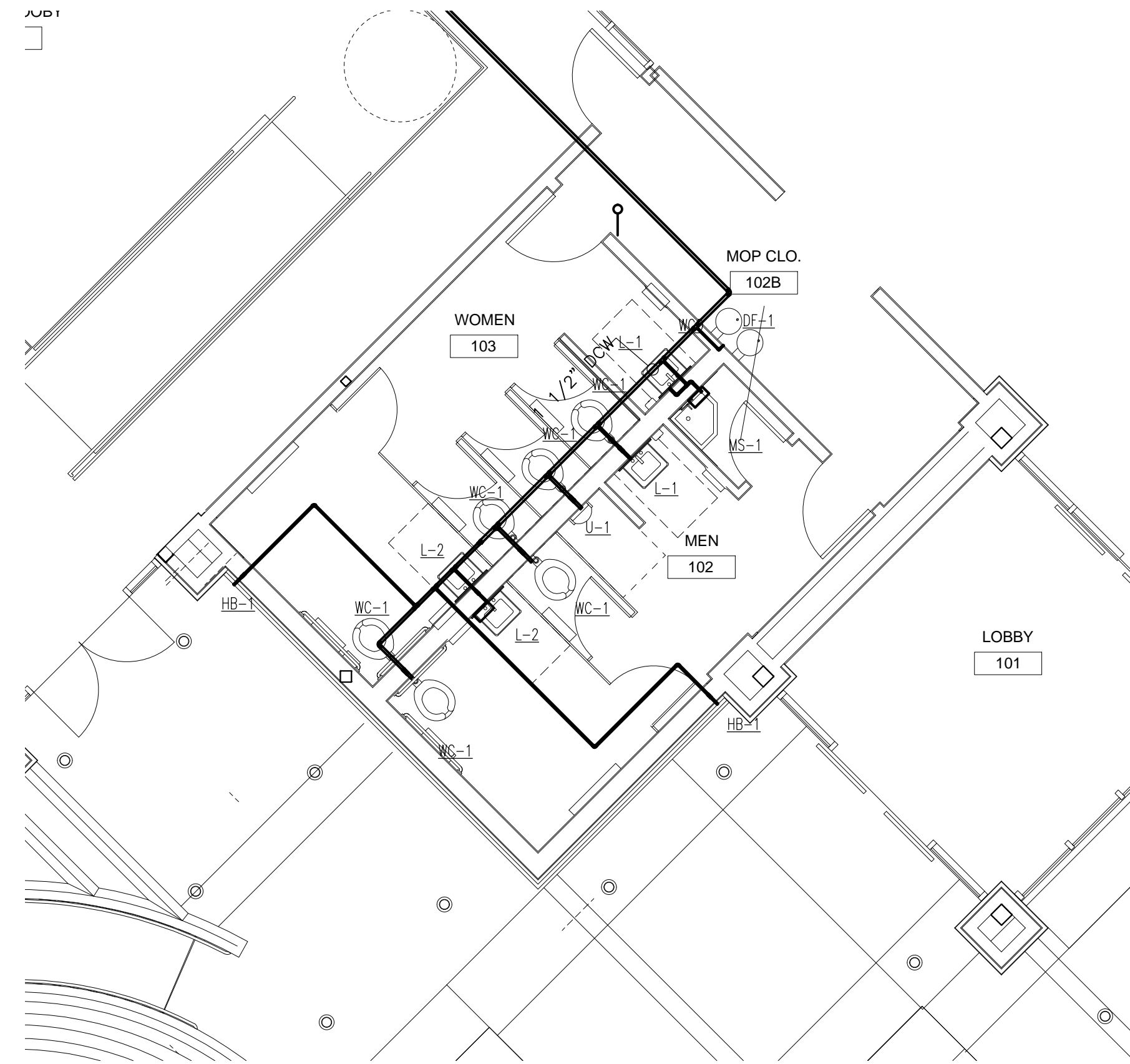
DEMOLITION PLAN
- PLUMBING

PD1.1

PLUMBING DEMOLITION NOTES

- ① DEMOLISH FLOOR DRAIN/HUB DRAIN TO BELOW SLAB. CAP AND SEAL IN CONCEALED LOCATION.
- ② PREPARE CLEAN OUT FOR TRIMMING OUT IN NEW FLOOR FINISH. COVER DURING CONSTRUCTION.
- ③ DEMOLISH ALL PLUMBING SUPPLY PIPING IN SPACE. WHERE PIPES CONTINUE OUT OF PROJECT AREA, DEMOLISH BACK TO MAIN AND CAP AND SEAL.
- ④ DEMOLISH PLUMBING FIXTURES AND ALL ASSOCIATED SUPPLY AND DRAIN PIPING.

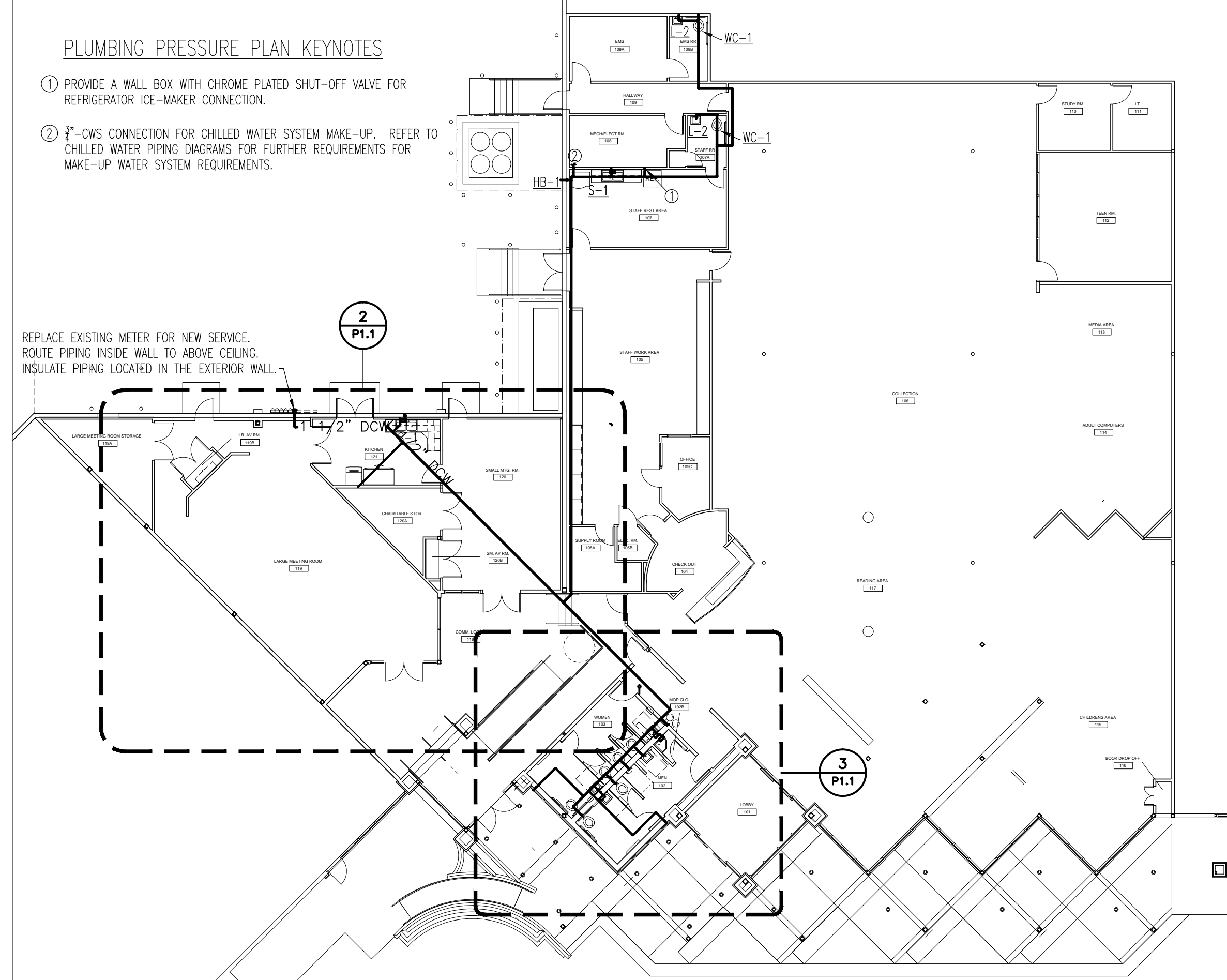




PLUMBING PRESSURE PLAN KEYNOTES

- ① PROVIDE A WALL BOX WITH CHROME PLATED SHUT-OFF VALVE FOR REFRIGERATOR ICE-MAKER CONNECTION.
- ② 3/4" CWB CONNECTION FOR CHILLED WATER SYSTEM MAKE-UP. REFER TO CHILLED WATER PIPING DIAGRAMS FOR FURTHER REQUIREMENTS FOR MAKE-UP WATER SYSTEM REQUIREMENTS.

REPLACE EXISTING METER FOR NEW SERVICE. ROUTE PIPING INSIDE WALL TO ABOVE CEILING. INSULATE PIPING LOCATED IN THE EXTERIOR WALL.

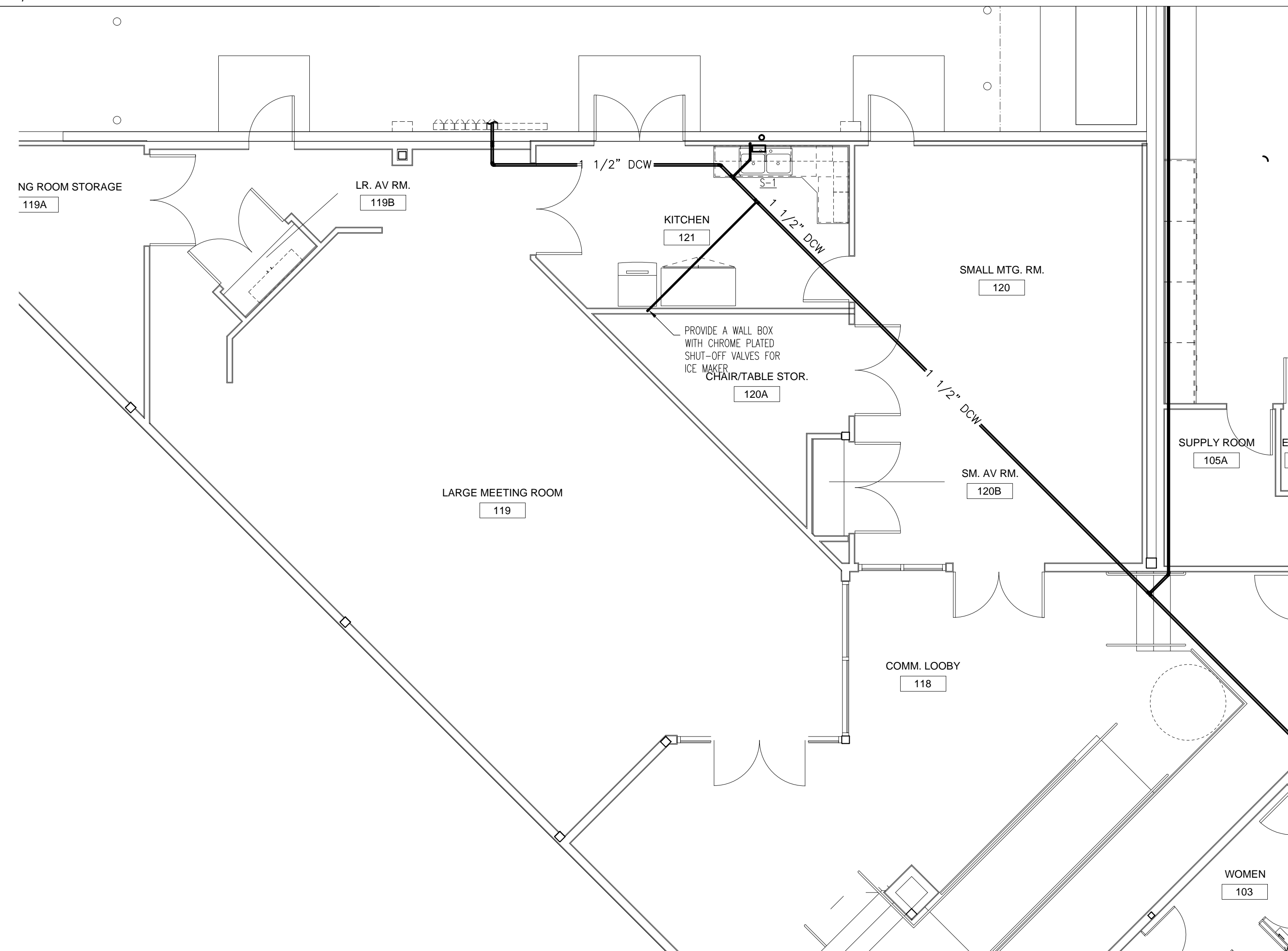


3 ENLARGED PARTIAL PLUMBING PLAN

P1.1 3/16" = 1'-0"

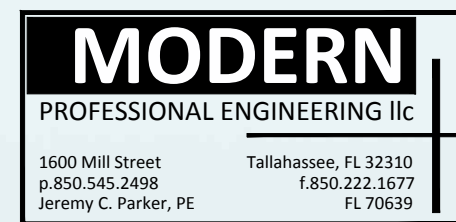
1 RENOVATION PLAN - PLUMBING

P1.1 1/16" = 1'-0"



2 ENLARGED PARTIAL PLUMBING PLAN

P1.1 3/16" = 1'-0"



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jeremy.c.parker, PE FL 70639

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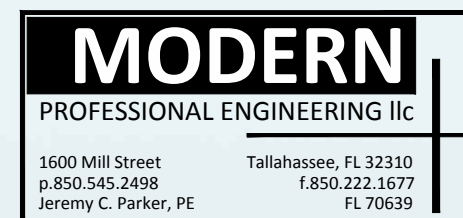
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	J.PARKER	S.O.N.O.D. J.PARKER	10/15/10
	J.PARKER	I.O.O.N.O.D. J.PARKER	12/08/10
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RENOVATION PLAN - PLUMBING

P1.1



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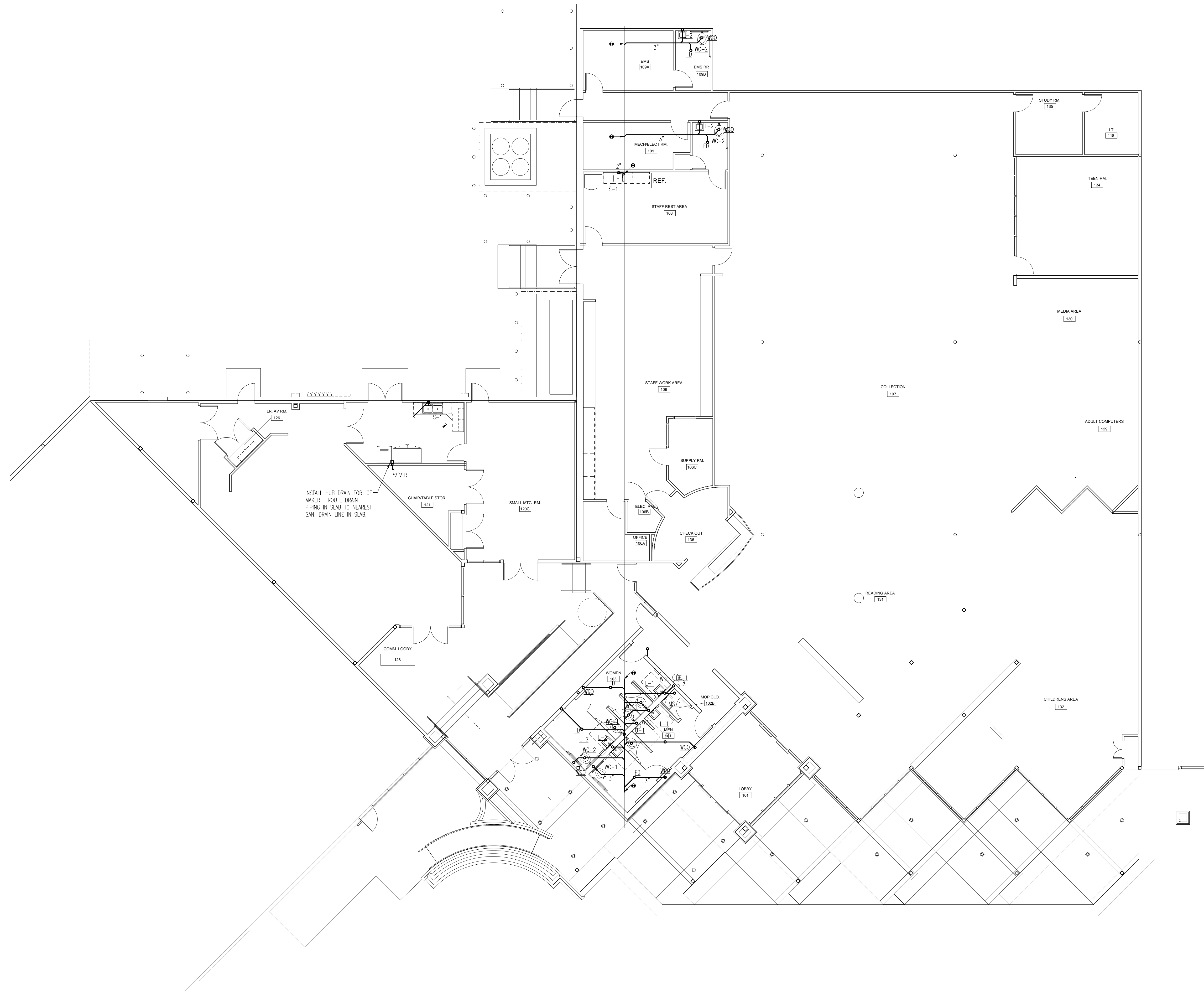
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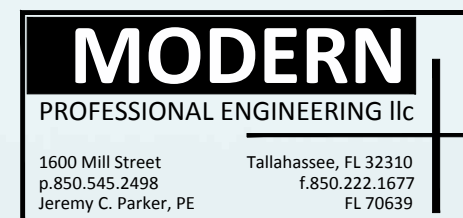
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**RENOVATION PLAN
- PLUMBING -
GRAVITY**





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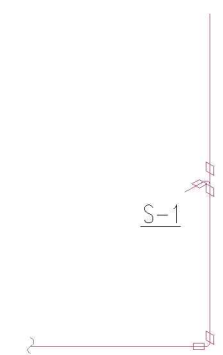
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Phase	Drawn	Phase	Check	Date
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	JPARKER	50%DD	JPARKER	10/15/10
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	JPARKER	50%CD	JPARKER	03/08/11
	JPARKER	PERMIT	JPARKER	04/29/11
	JPARKER	BID DOC.	JPARKER	08/31/11

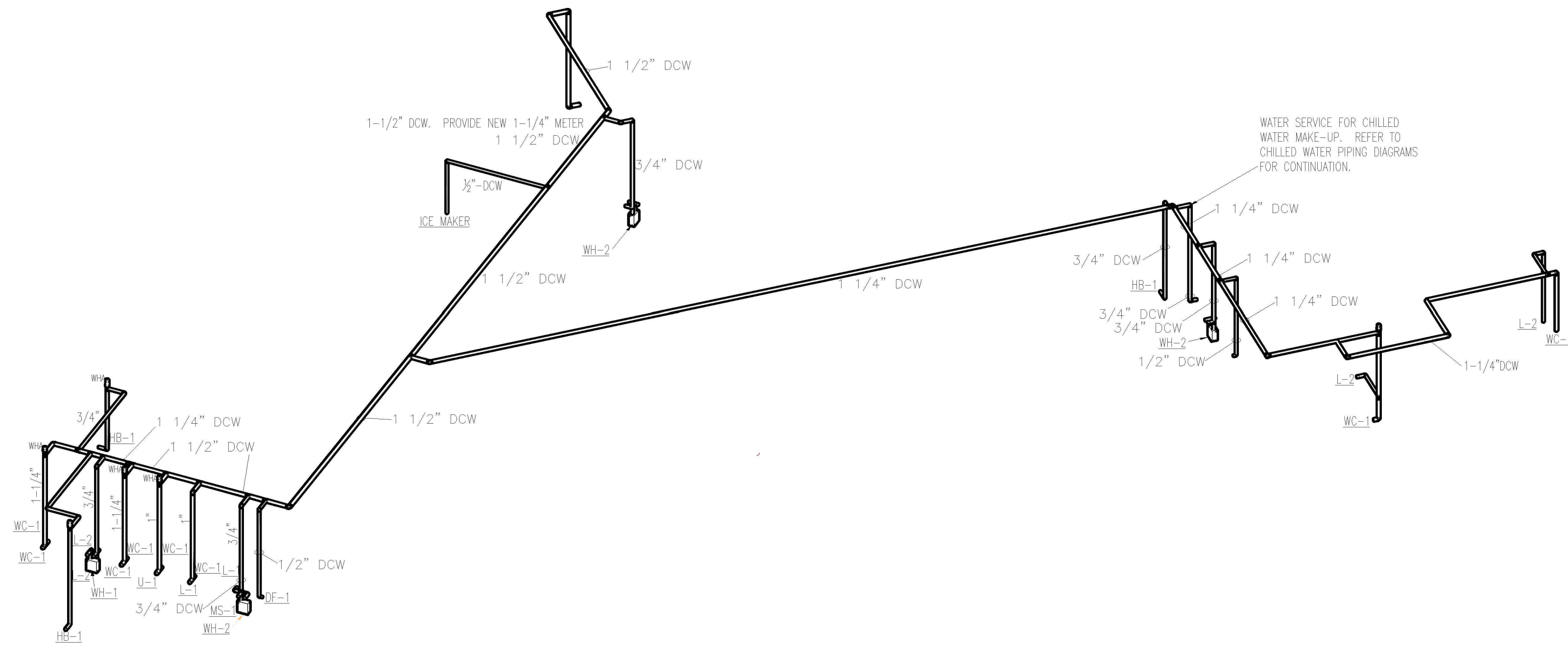
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1	07/29/11	COT PLAN REVIEW

PLUMBING RISER
DIAGRAMS

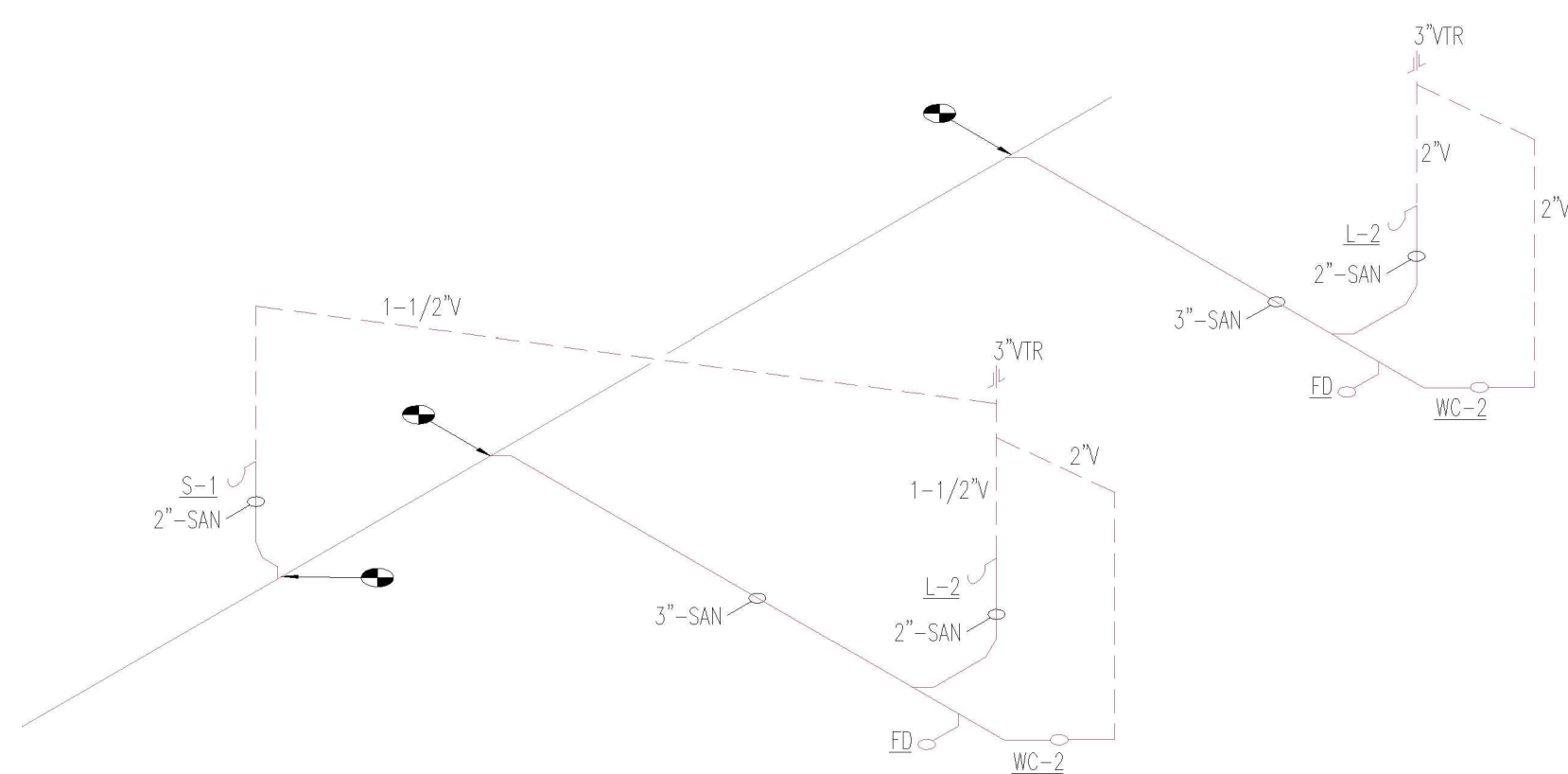
P3.1



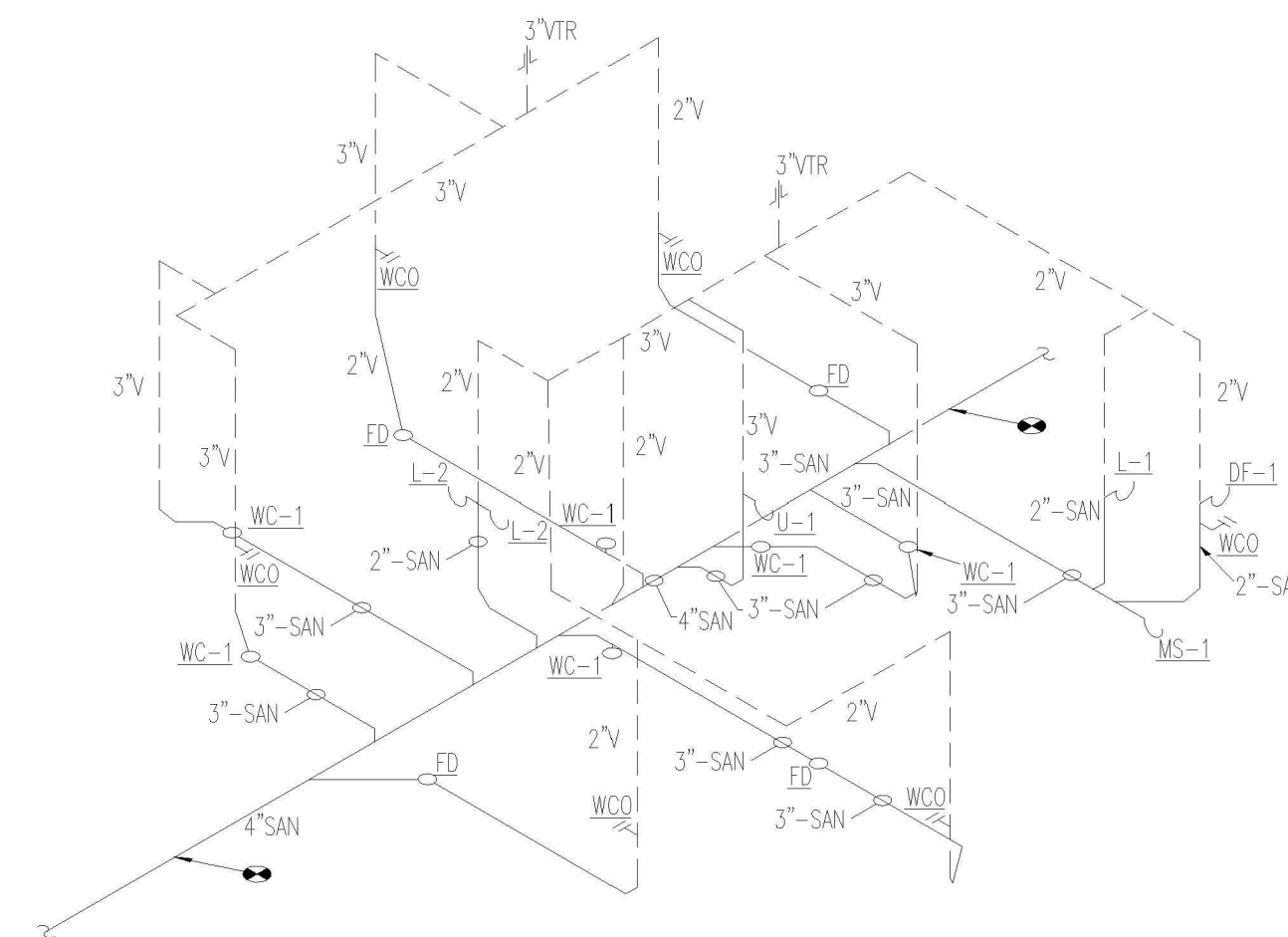
4 RISER DIAGRAM - PLUMBING - GRAVITY
P3.1 NO SCALE



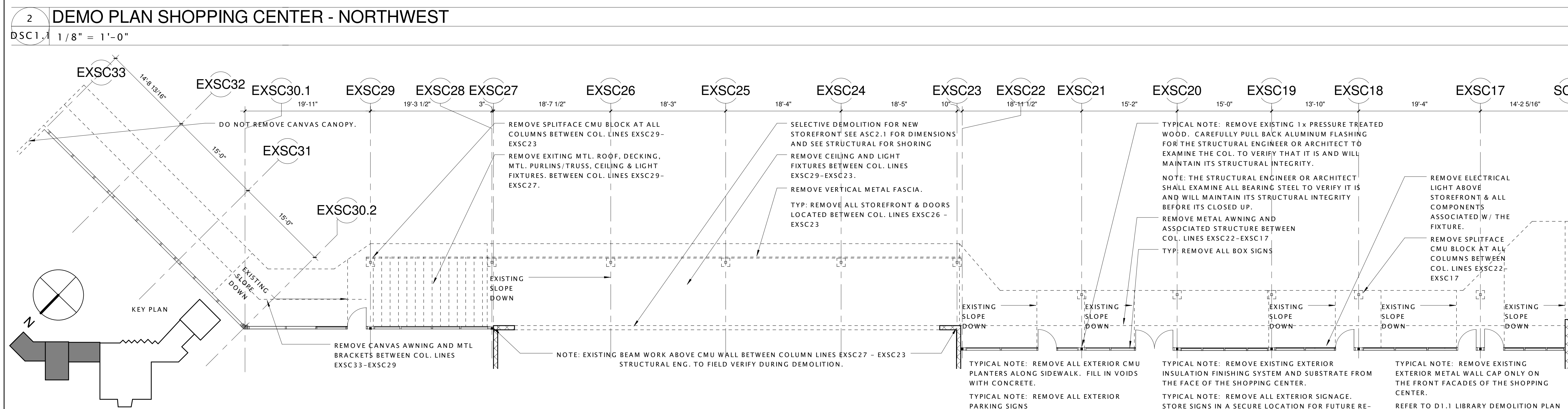
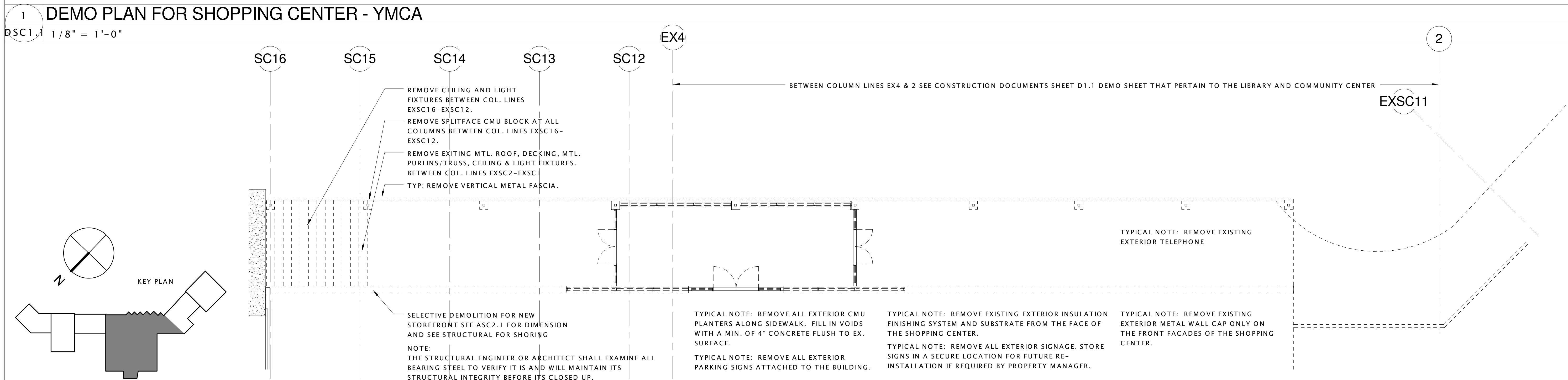
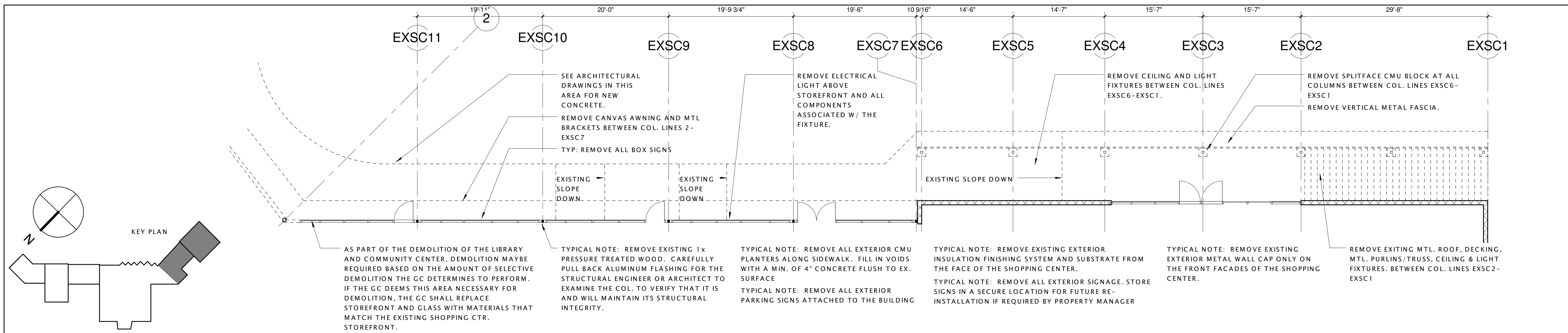
1 RISER DIAGRAM - PLUMBING - PRESSURE
P3.1 NO SCALE



4 RISER DIAGRAM - PLUMBING - GRAVITY
P3.1 NO SCALE



2 RISER DIAGRAM AT RESTROOMS 102 & 103 - PLUMBING - GRAVITY
P3.1 NO SCALE



**HUNTINGTON
OAKS SHOPPING
CENTER @ LAKE
JACKSON**

0908.001

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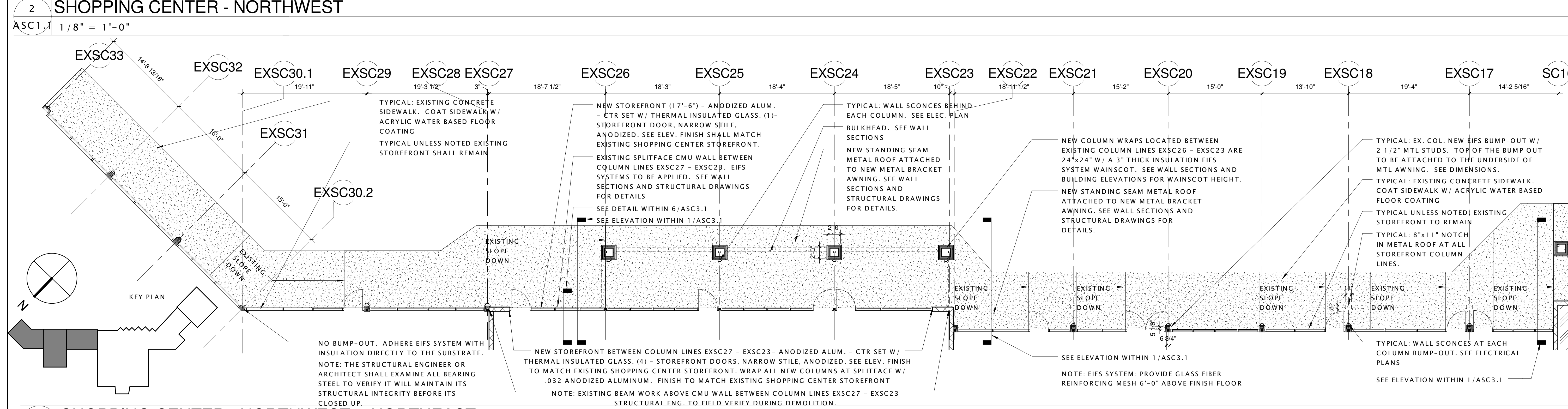
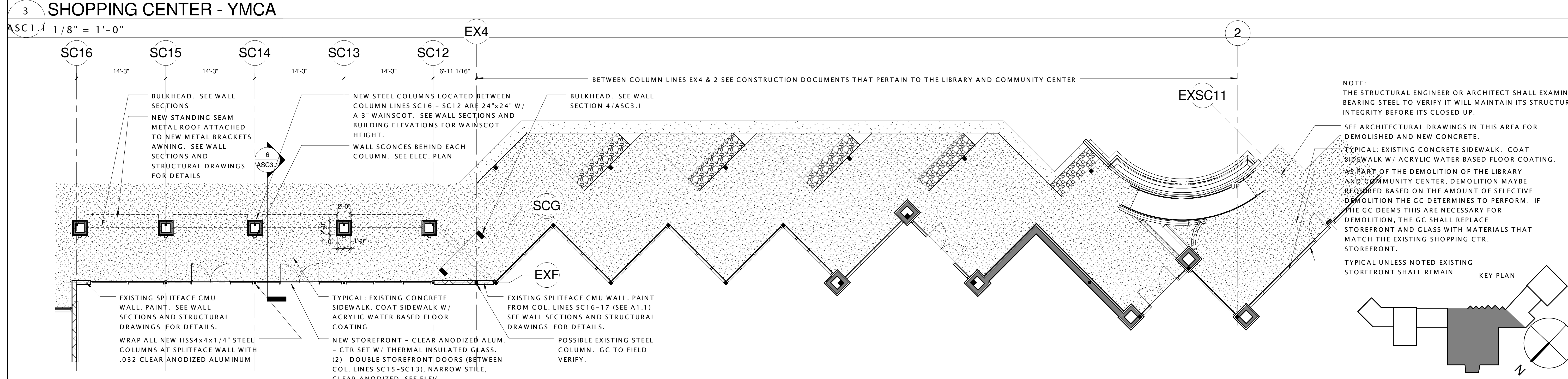
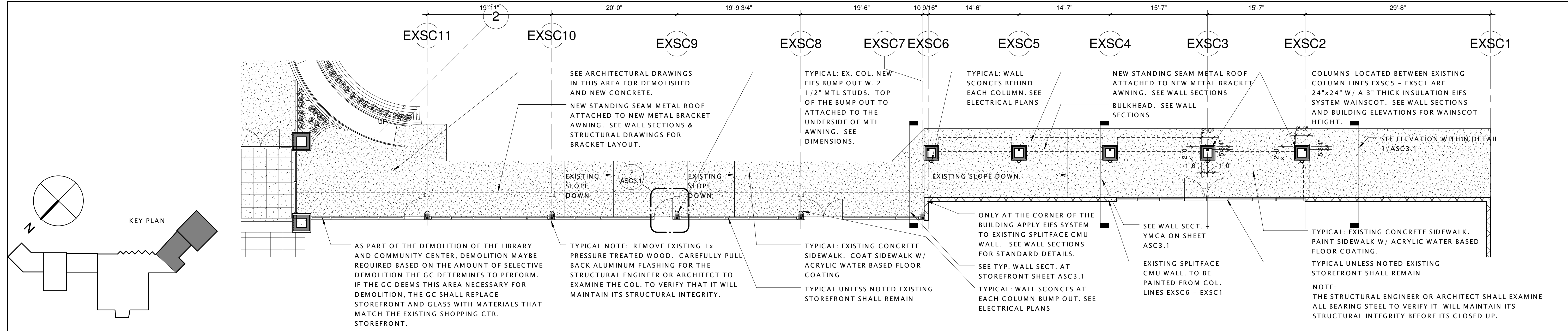
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REFER TO D1.1 LIBRARY DEMOLITION PLAN FOR TYPICAL DEMOLITION NOTES.

SHOPPING CENTER DEMOLITION PLAN



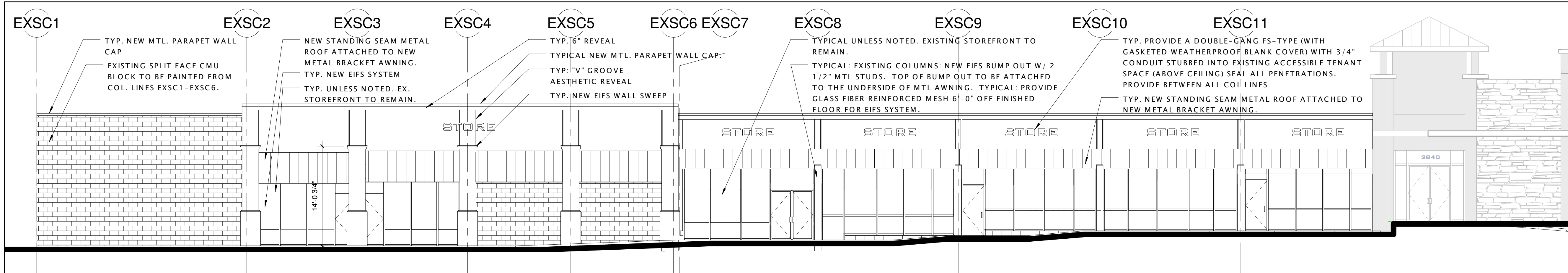
**HUNTINGTON
OAKS SHOPPING
CENTER @ LAKE
JACKSON**

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Status BID DOCUMENTS
Proj. Mgr. DOUG SHULER
dshuler@jparchitects.com

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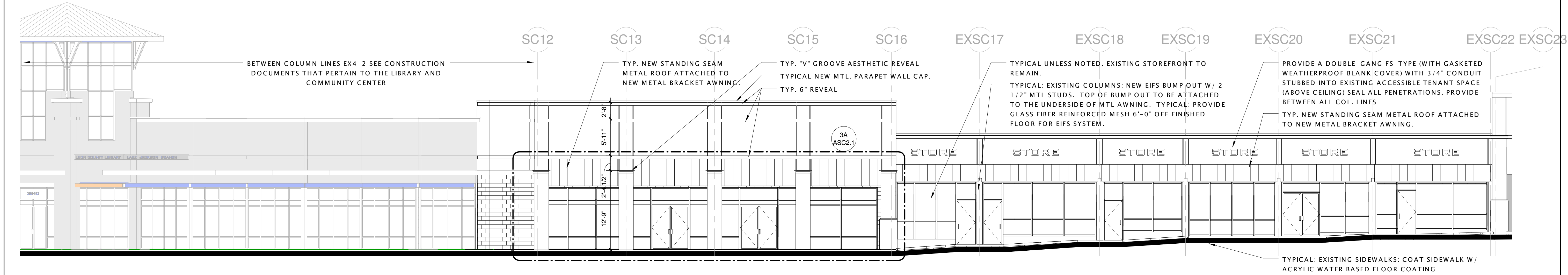
#	DATE	COMMENTS

**SHOPPING CENTER -
FLOOR PLAN**



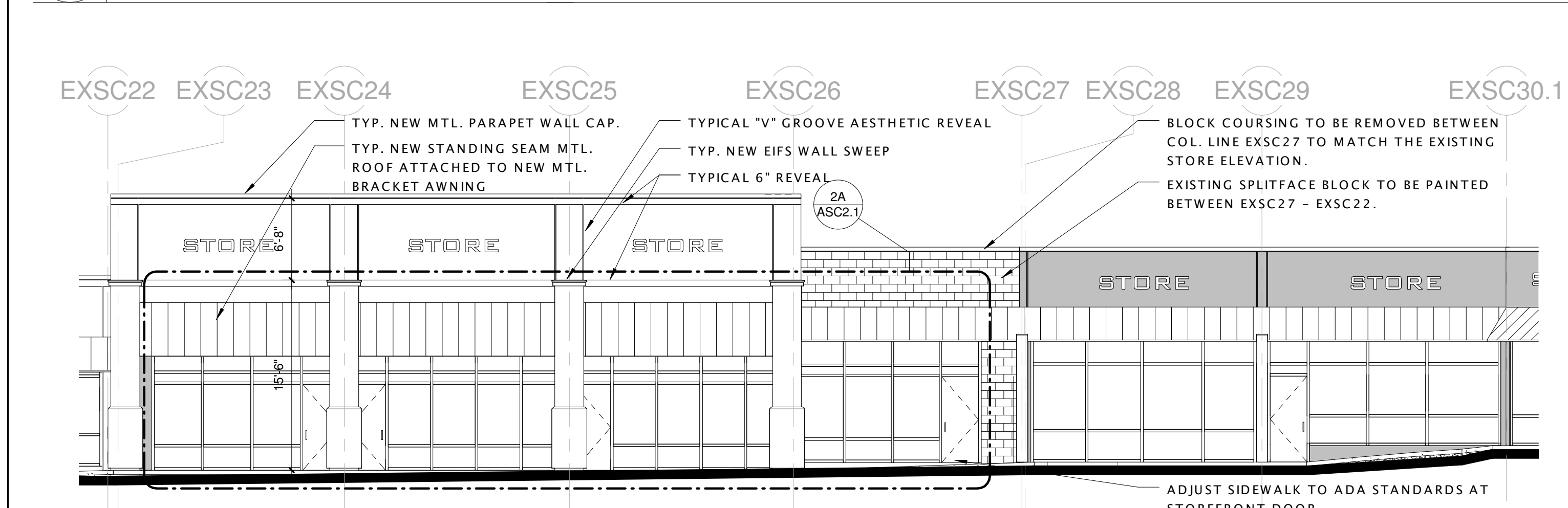
4 SHOPPING CENTER ELEVATION YMCA

ASC2.1 1/8" = 1'-0"



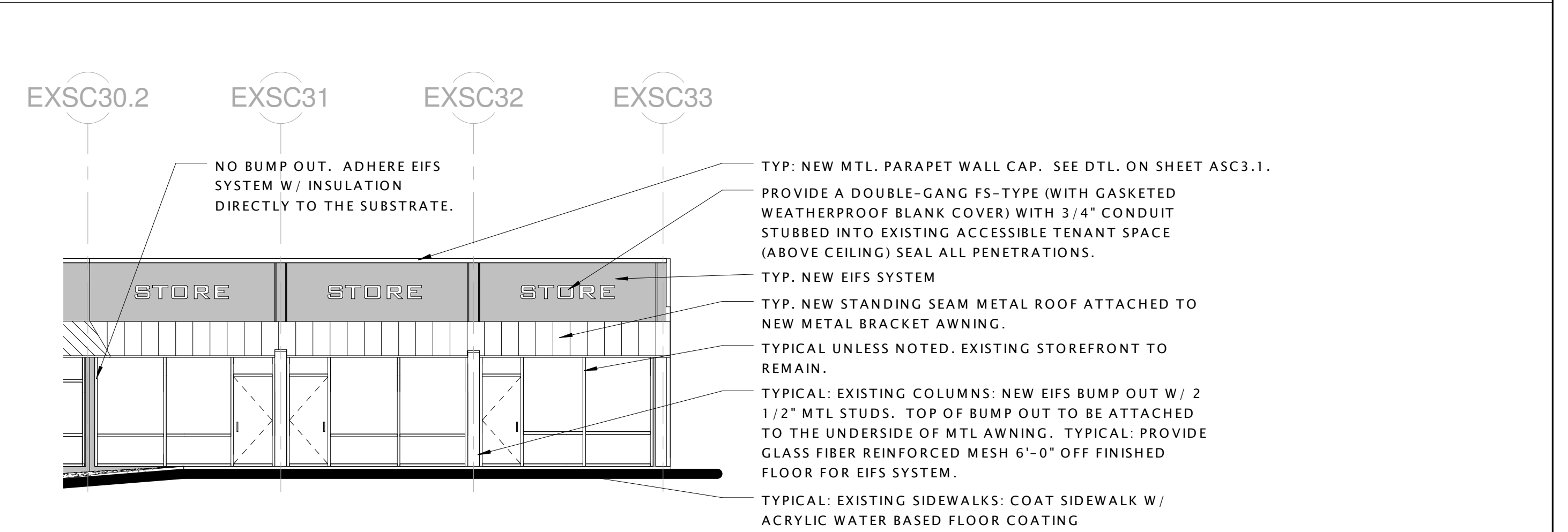
3 SHOPPING CENTER - NORTHWEST

ASC2.1 1/8" = 1'-0"



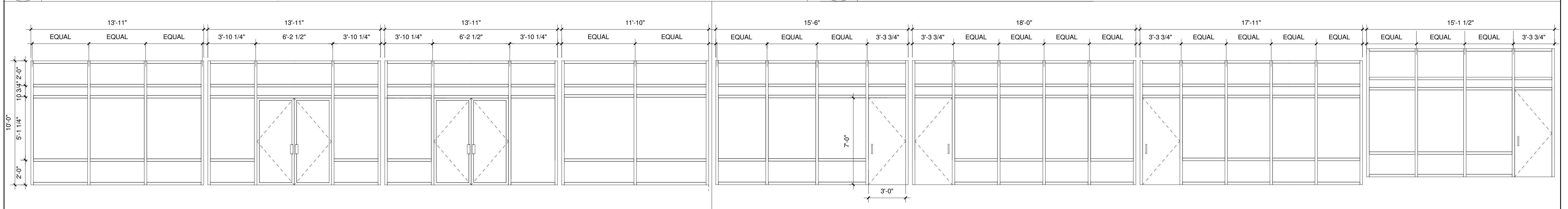
2 SHOPPING CENTER - NOETHWEST CONT.

ASC2.1 1/8" = 1'-0"



1 SHOPPING CENTER - NORTHEAST

ASC2.1 1/8" = 1'-0"



3A NEW STOREFRONT @ NEW RETAIL

ASC2.1 1/4" = 1'-0"

2A NEW STOREFRONT @ EX BOX STR.

ASC2.1 1/4" = 1'-0"

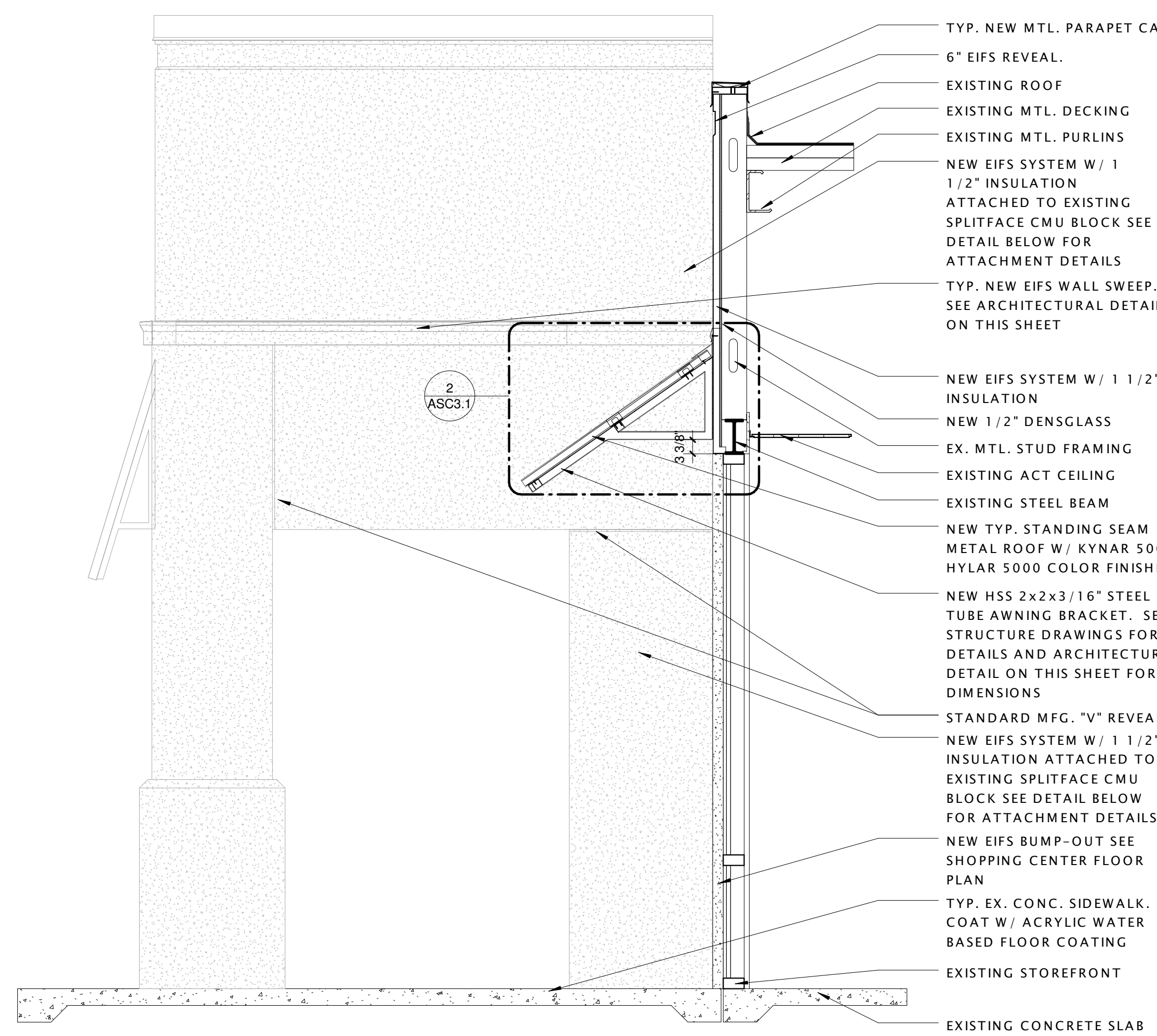
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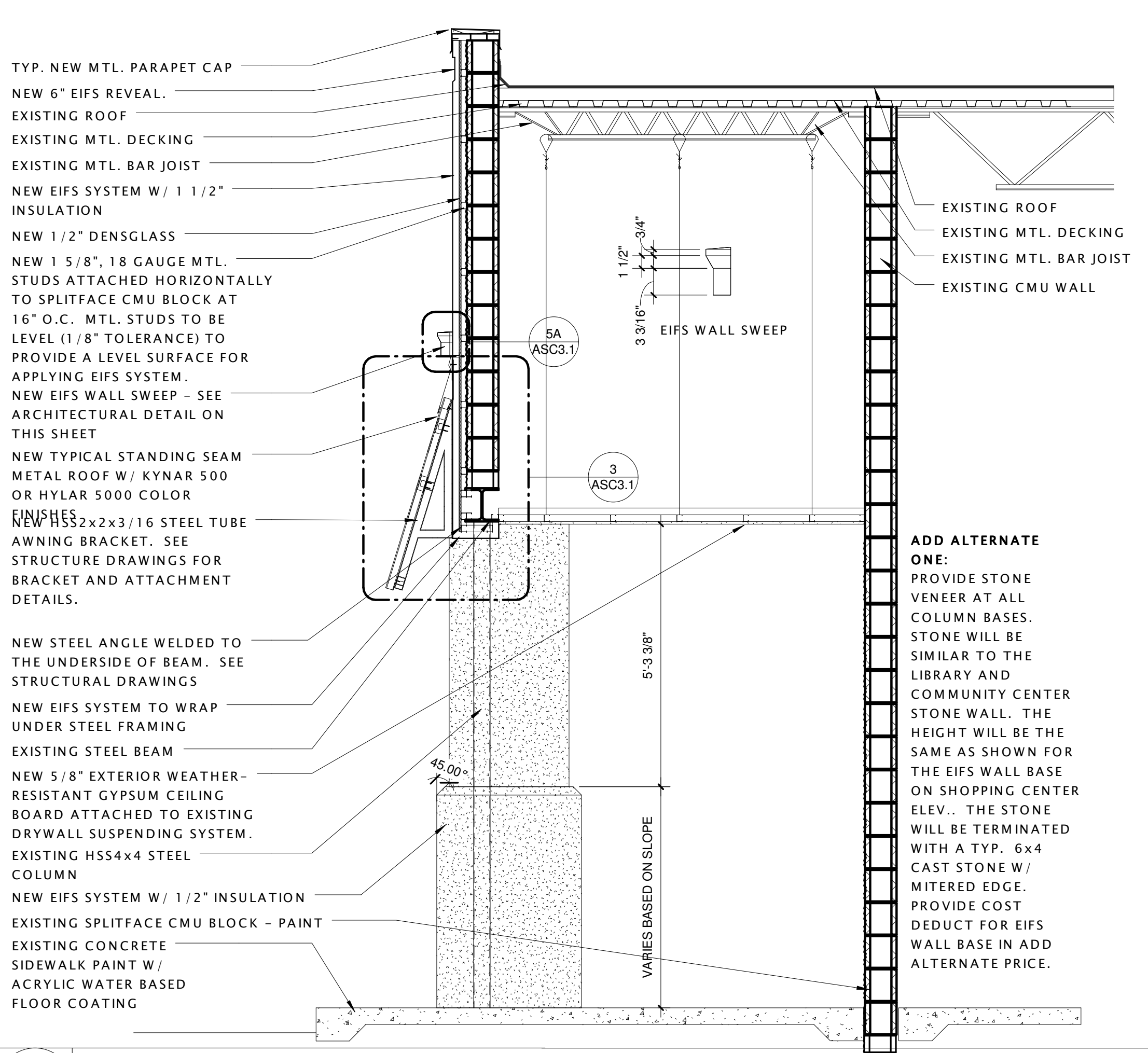
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DRAWN	PHASE	CHECK	DATE
DSHULER	PERMIT	JOHNSON	07/29/11
DSHULER	BID DOC	JOHNSON	08/31/11

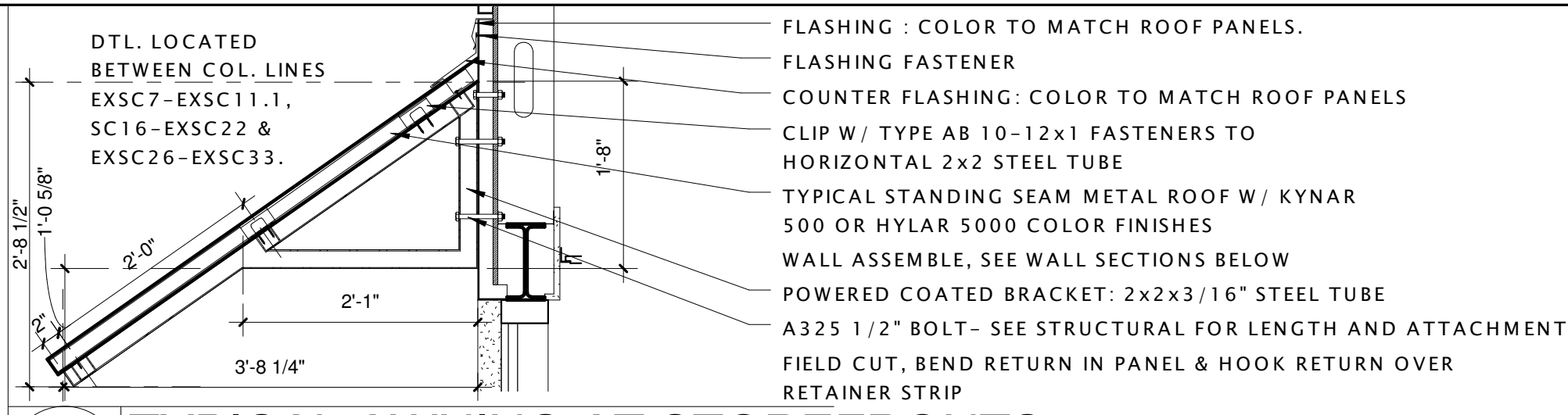
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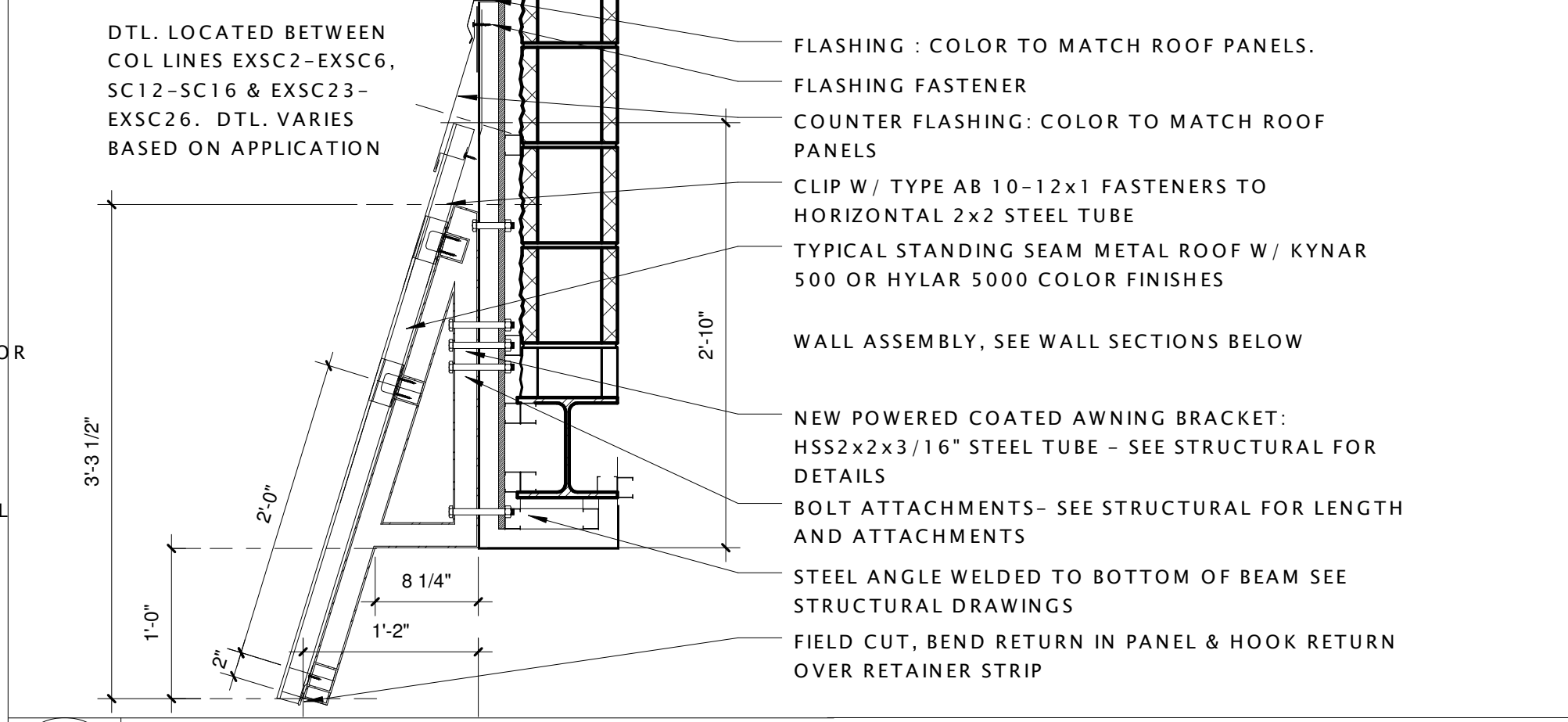
1 TYPICAL WALL SECTION @ STOREFRONTS
ASC 3.1 1/2" = 1'-0"



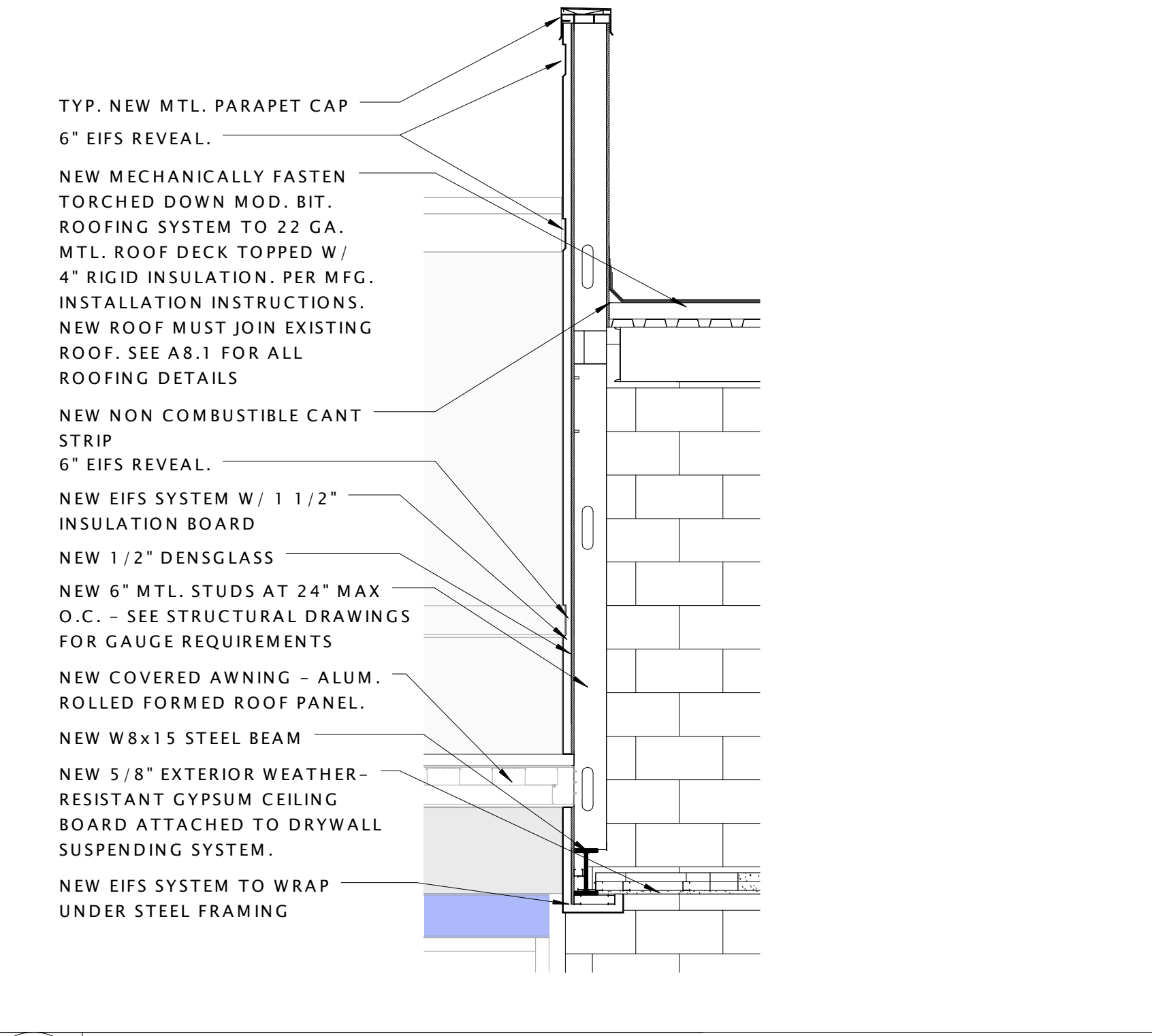
5 WALL SECTION - YMCA COL. LINES EXSC6-2
ASC 3.1 1/2" = 1'-0"



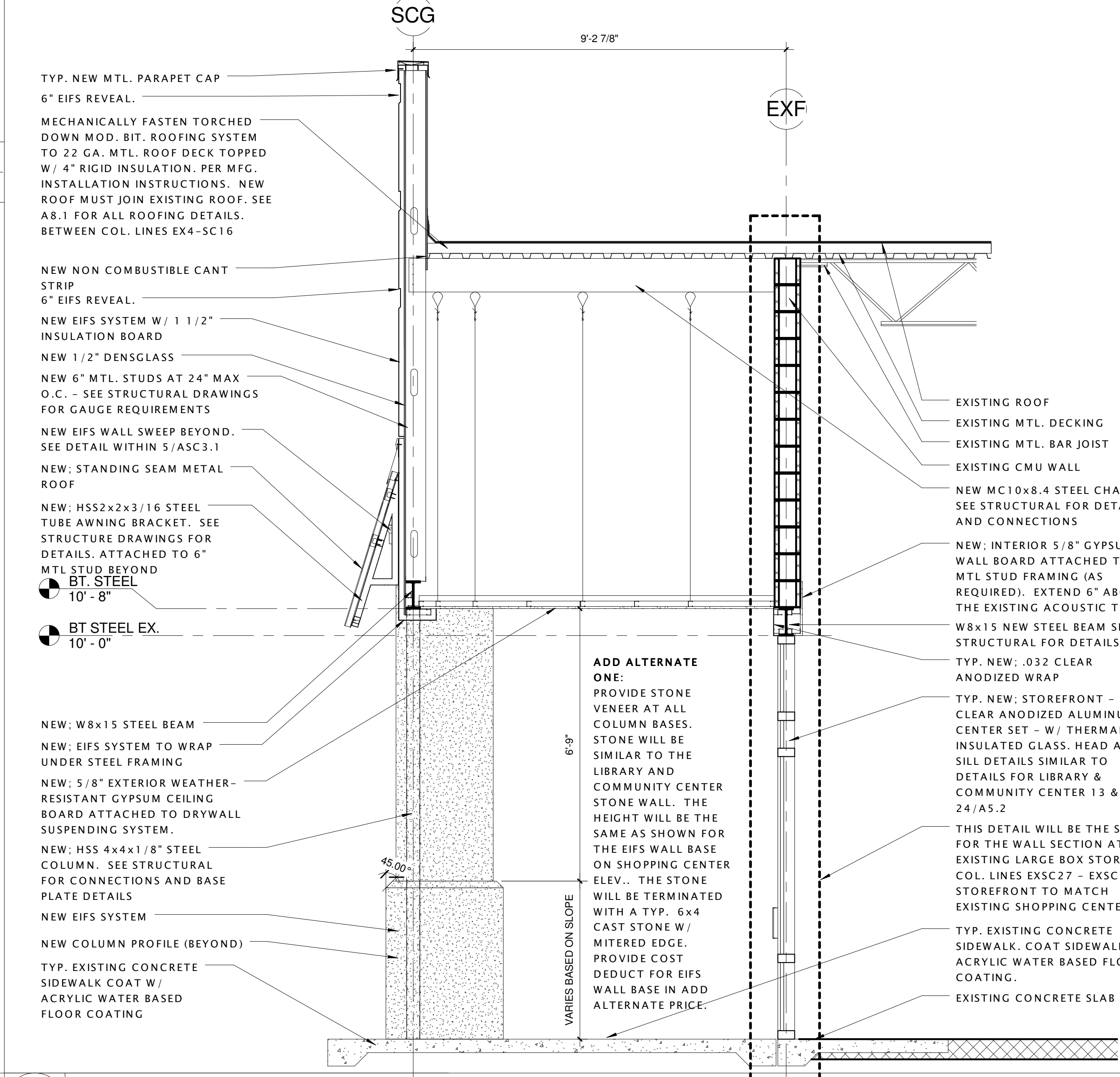
2 TYPICAL AWNING AT STOREFRONTS
ASC 3.1 3/4" = 1'-0"



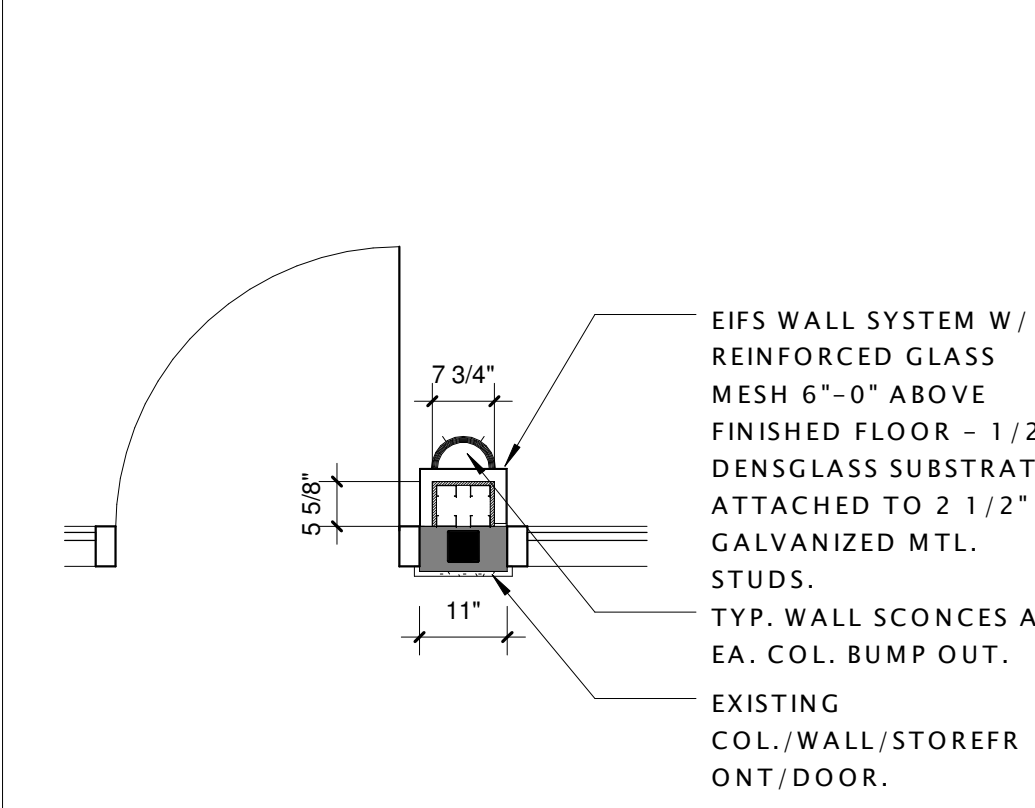
3 TYP. AWNING
ASC 3.1 1" = 1'-0"



4 WAL SECTION COL. LINES EX4-SC12
ASC 3.1 1/2" = 1'-0"

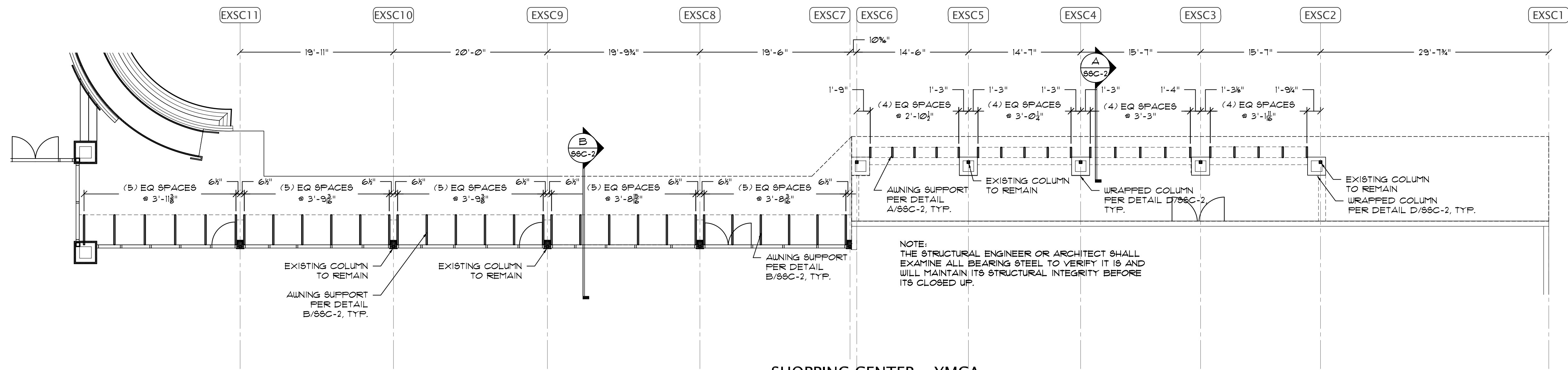


6 TYP WALL SECT. AT FORMER GROCERY STORE - COL. LINES EX4-SC16
ASC 3.1 1/2" = 1'-0"



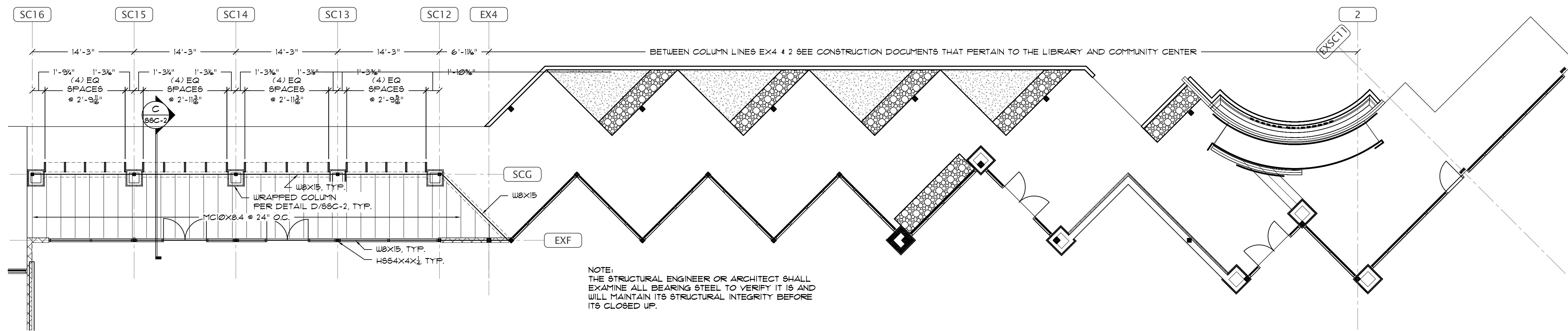
7 TYP. SC BUMP-OUT
ASC 3.1 1/2" = 1'-0"

GENERAL CONSTRUCTION NOTES:
ALL OCCUPIED TENANT SPACES WILL BE REQUIRED TO REMAIN OPEN DURING BUSINESS HOURS.
ENTRY TUNNELS FOR EACH OCCUPIED TENANT WILL BE REQUIRED TO PROVIDE A SAFE ACCESS TO THE TENANT SPACE.
EACH TENANT SPACE WILL BE REQUIRED TO BE SECURE AT THE END OF EACH WORKING DAY.



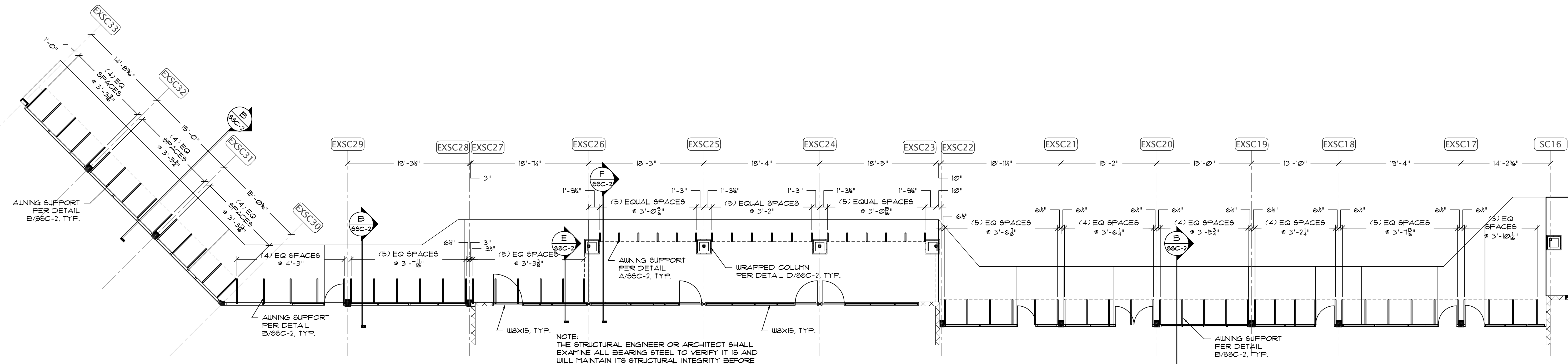
SHOPPING CENTER - YMCA

SCALE 1/8"=1'-0"



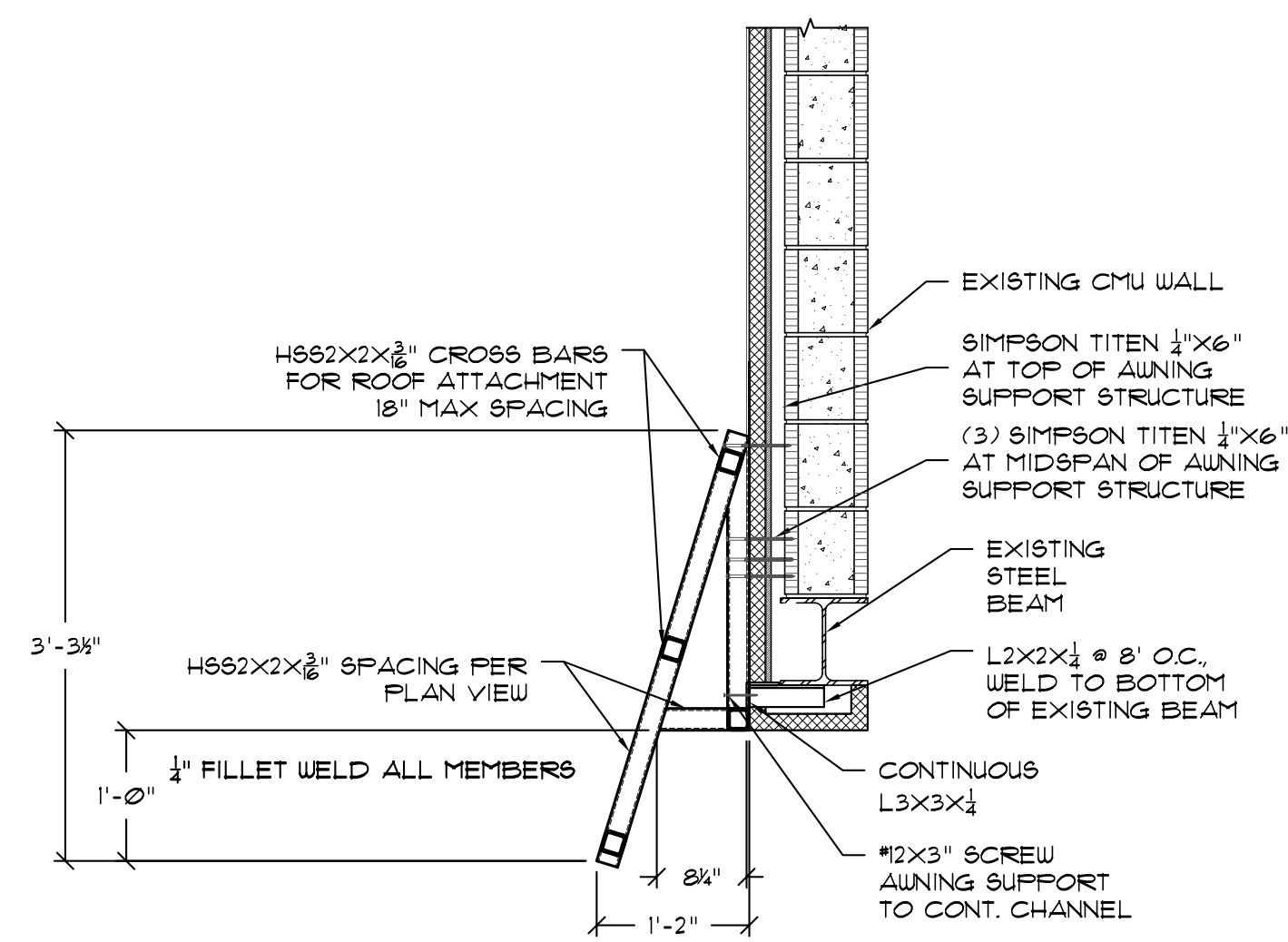
SHOPPING CENTER - NORTHWEST

SCALE 1/8"=1'-0"

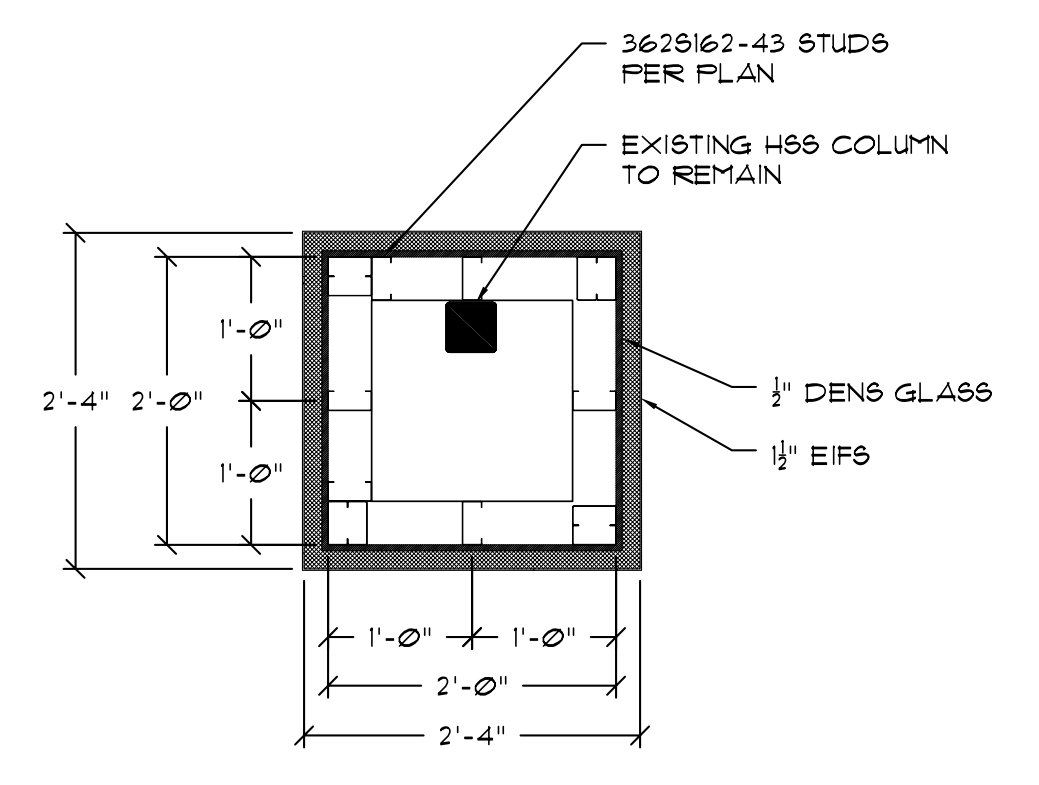


**SHOPPING CENTER -
NORTHWEST & NORTHEAST**

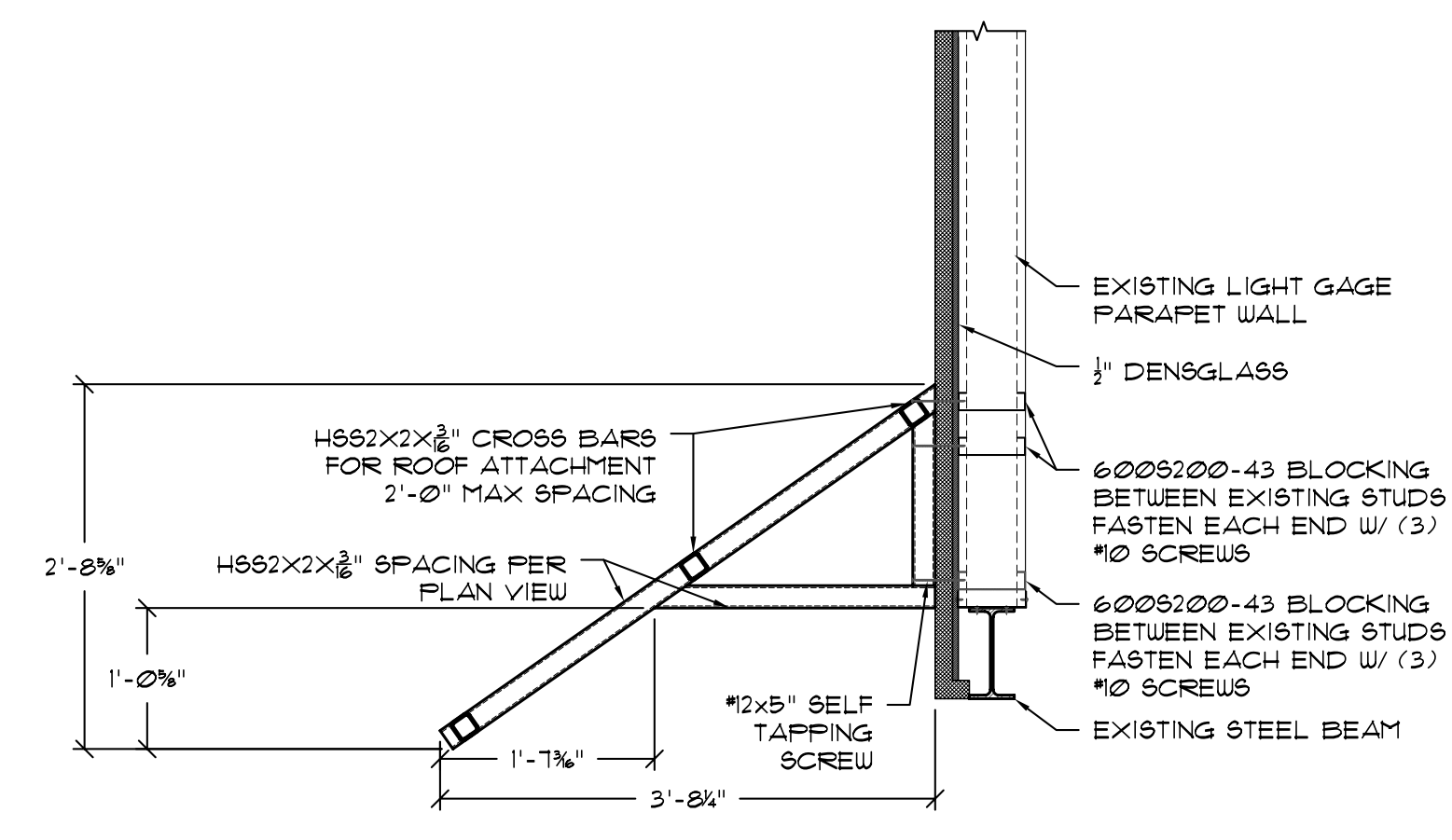
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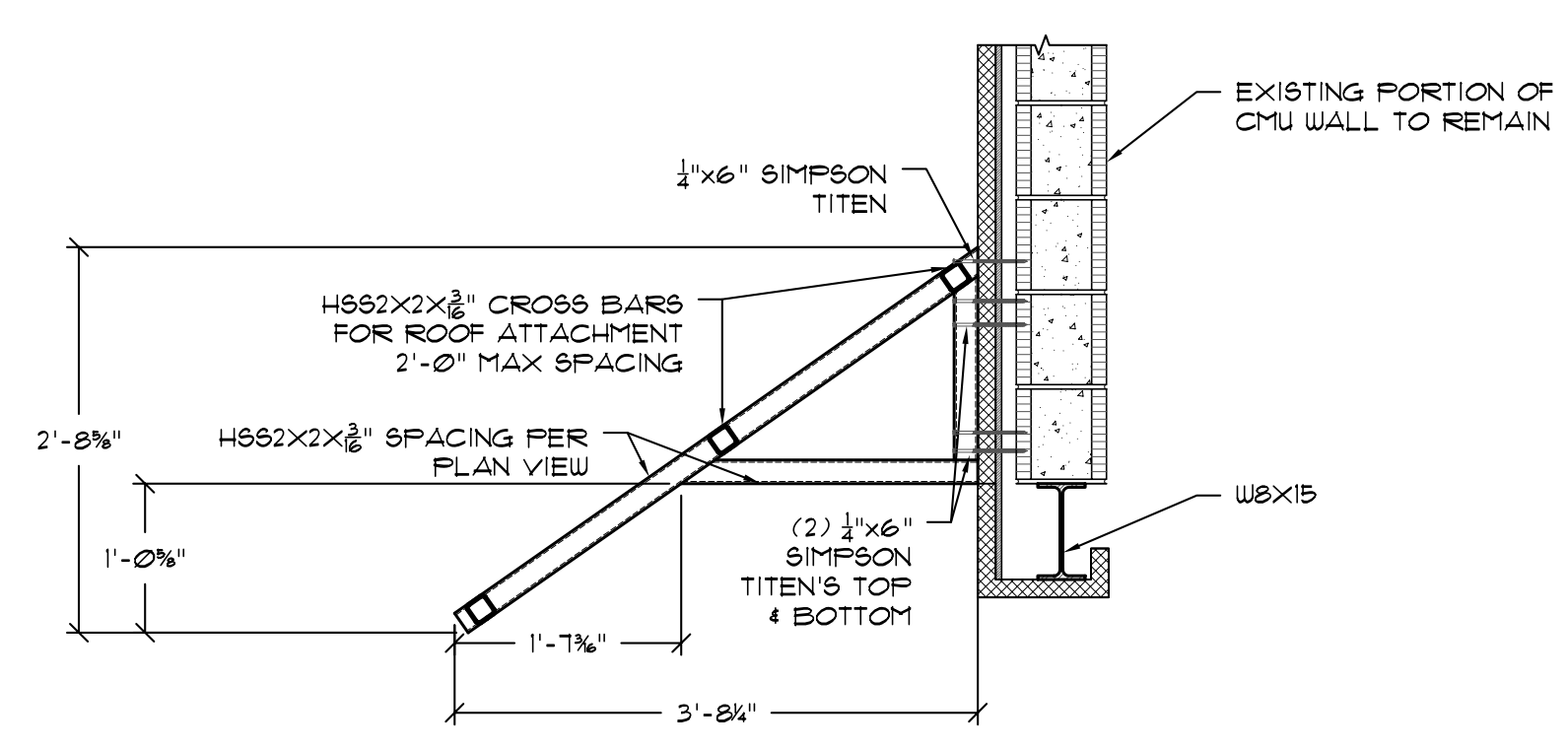
A TYPICAL AWNING
SSC-2 SCALE 3/4"=1'-0"



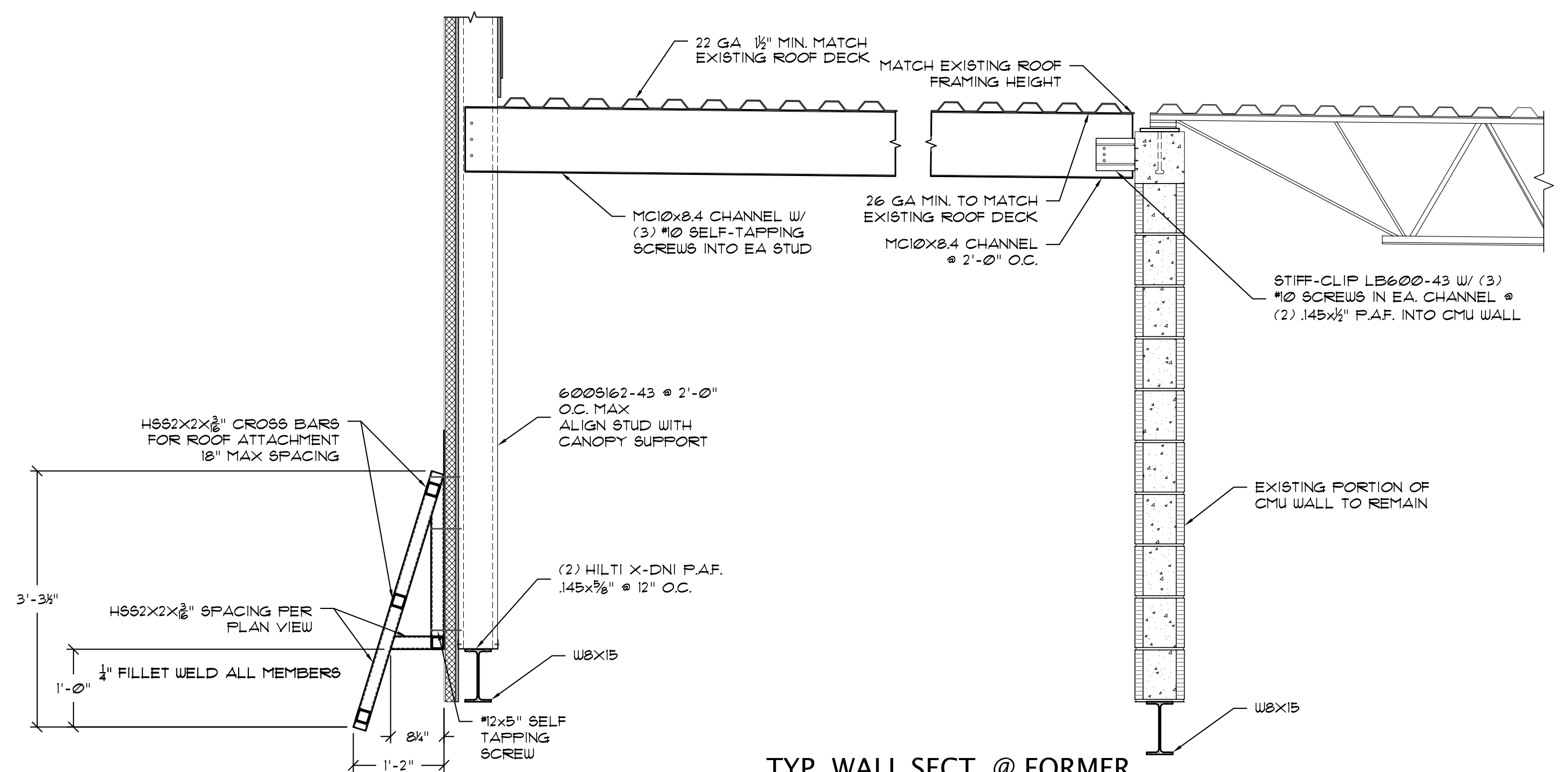
D WRAPPED COLUMN DETAIL
SSC-2 SCALE 3/4"=1'-0"



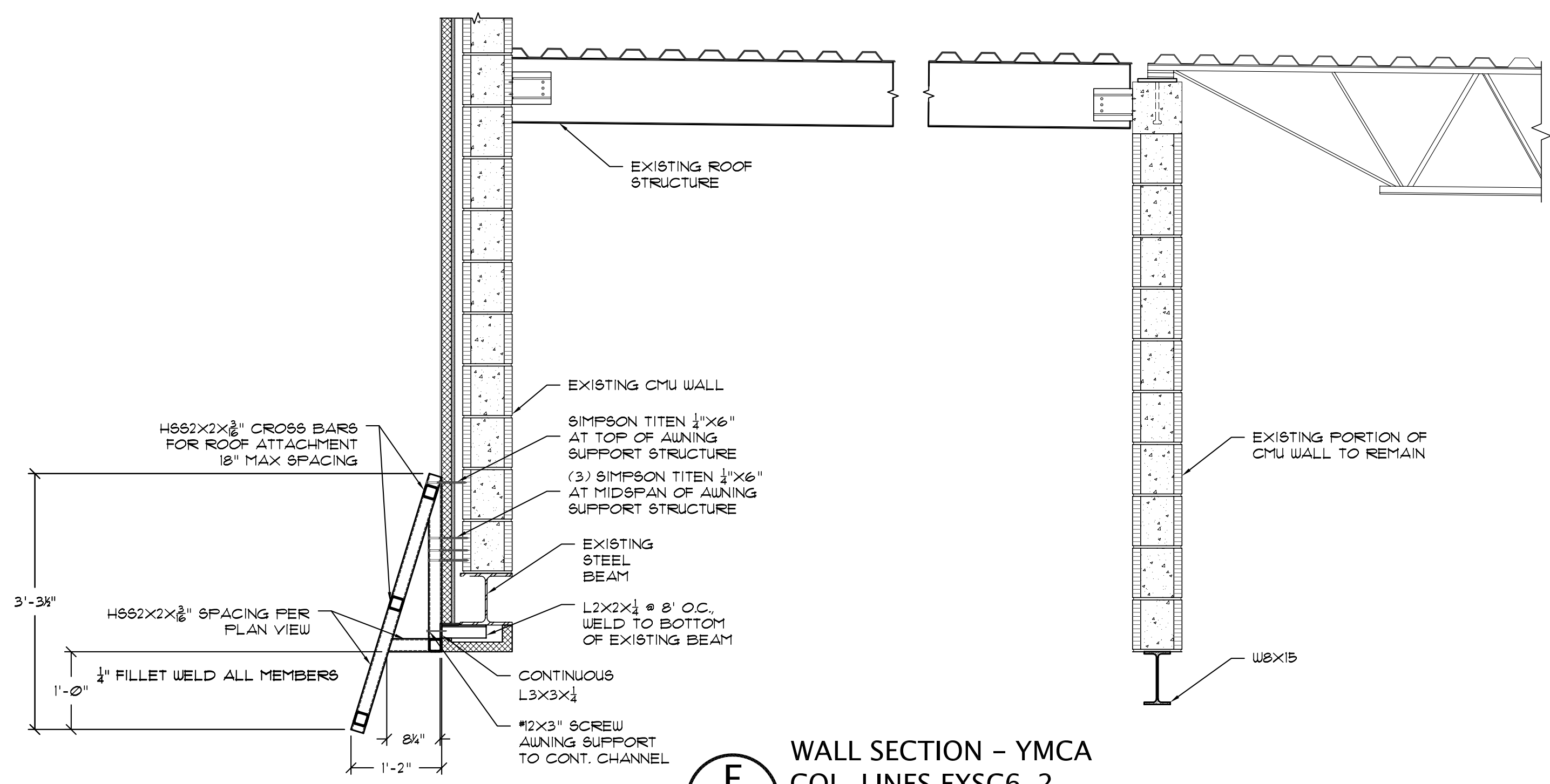
B TYPICAL AWNING AT STOREFRONT
SSC-2 SCALE 3/4"=1'-0"



E AWNING DETAIL
SSC-2 SCALE 3/4"=1'-0"



C TYP. WALL SECT. @ FORMER GROCERY STORE - COL. LINES EX4-SC16
SSC-2 SCALE 3/4"=1'-0"



F WALL SECTION - YMCA COL. LINES EXSC6-2
SSC-2 SCALE 3/4"=1'-0"

Proj. #	Proj. Title
Status	BID DOCUMENTS

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dshuler@jparchitects.com

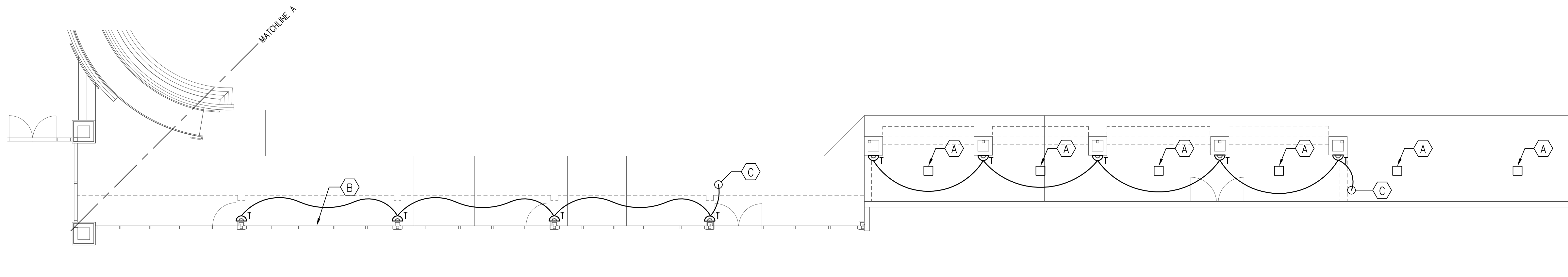
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JAM	PERMIT	BVP	08/09/11
JAM	BID DOC.	DRB	08/31/11

#	DATE	COMMENTS

Douglas R. Barkley M.S., P.E.
FL P.E. # 49090

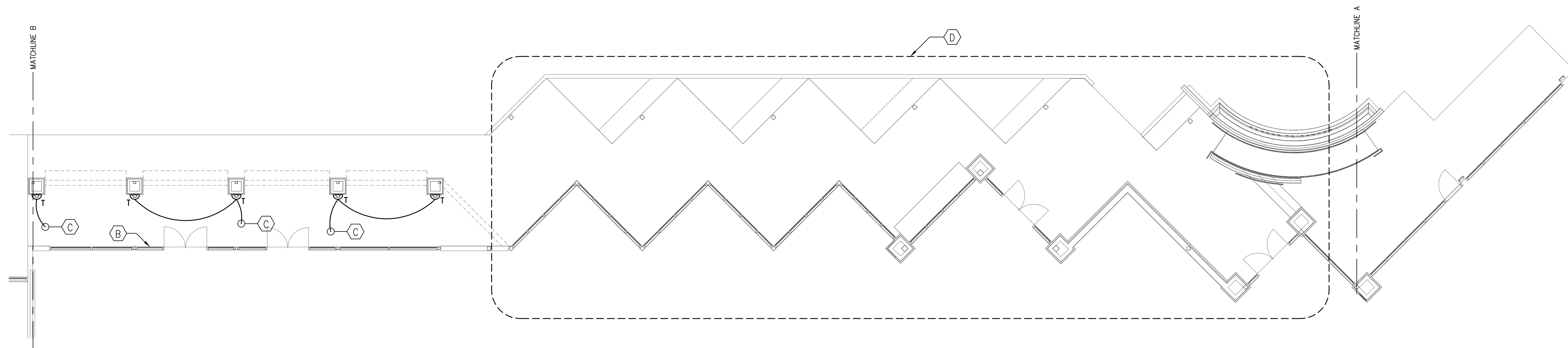
SECTION CUTS & DETAILS

- WORK NOTES:**
(THIS SHEET ONLY)
- (A) EXISTING RECESSED SOFFIT LIGHT, TO BE REMOVED.
 - (B) EXISTING LINEAR UPLIGHT, OVER STOREFRONT, TO BE REMOVED.
 - (C) PROVIDE 3/4" C-2 #12, #12 GND, CONCEALED IN CANOPY, EXTEND AS NECESSARY TO CONNECT TO EXISTING WALKWAY LIGHTING CIRCUIT SERVING THIS SECTION OF THE WALKWAY.
 - (D) FOR NEW LIGHTING, THIS AREA, SEE LIBRARY PLAN SHEET E1.2.
 - (E) PROVIDE A DOUBLE-GANG FS-TYPE BOX (WITH GASKETED WEATHERPROOF BLANK COVER), WITH 3/4" CONDUIT STUBBED INTO EXISTING TENANT SPACE (ABOVE CEILING). SEAL ALL PENETRATIONS. (TYPICAL, ALL TENANT SPACES)



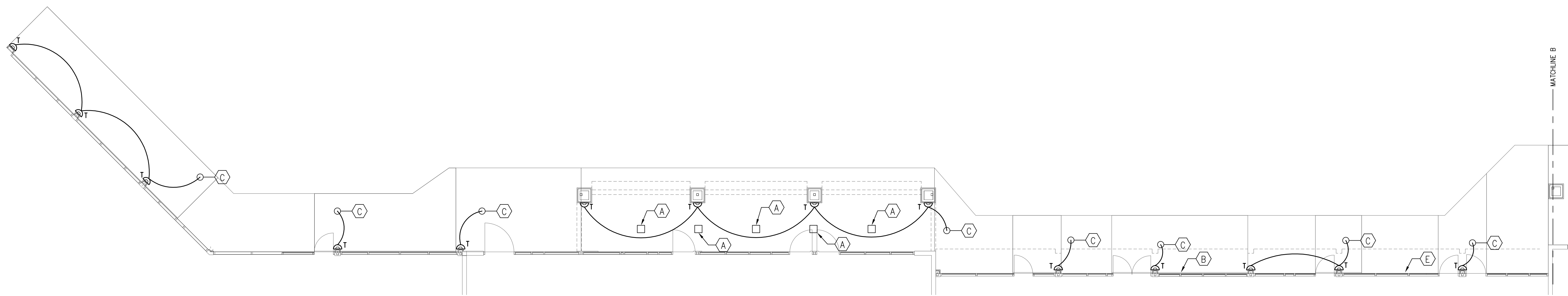
1 SHOPPING CENTER - YMCA

ESC1.0 1/8" = 1' - 0"



2 SHOPPING CENTER - NORTHWEST

ESC1.0 1/8" = 1' - 0"



3 SHOPPING CENTER - NORTHWEST & NORTHEAST

ESC1.0 1/8" = 1' - 0"

**LEON COUNTY
LIBRARY - LAKE
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0908.001

**BID
DOCUMENTS**

**JAMES LAMB
jlamb@ard-eng.com**

Phase	Drawn	Phase	Check	Date
JML	DD	JLAMB	10/15/10	
JML	50%CD	JLAMB	2/15/11	
JML	PMT	JLAMB	5/20/11	
JML	BID	JLAMB	8/31/11	

#	DATE	COMMENTS
1	7/28/11	RESPONSE TO COT

**SHOPPING CENTER
ELECTRICAL PLAN**

ESC1.0

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