

LOT 3 VINEYARDS

LOWELL, ARKANSAS

STUCKEY BUILDING

DOCUMENT TEAM

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CURRENT CODES

FOR: LOWELL, ARKANSAS

- 2001 AFPC VOLUME I: ARKANSAS FIRE PREVENTION CODE: FIRE CODES
- 2001 AFPC VOLUME II: ARKANSAS FIRE PREVENTION CODE: BUILDING CODES
- 2001 AFPC VOLUME III: ARKANSAS FIRE PREVENTION CODE: RESIDENTIAL CODES
- 2006 APC: ARKANSAS PLUMBING CODES
- 2010 AMC: ARKANSAS MECHANICAL CODES
- 2011 NEC: NATIONAL ELECTRICAL CODES
- 2006 AFAG: ARKANSAS FUEL AND GAS CODES
- 2004 AEG: ARKANSAS ENERGY CODE
- 2003 ICC/ANSI A117.1: AMERICAN NATIONAL STANDARDS (ADA REQUIREMENTS)

ALL CODES AND ORDINANCES AS REVISED AND ADOPTED BY THE CITY OF LOWELL, ARKANSAS.

SUBMITTAL Date : -- / -- / ----

BUILDING SPECIFICATION

CURRENT BUILDING CODE _____ IBC 2006
OCCUPANCY CLASSIFICATION _____ E
NET EDUCATIONAL AREA _____ 2,041 NET s.f.
OCCUPANCY LOAD CALCULATION _____ 102 persons
E = 20 s.f. NET/PERSON
TYPE OF CONSTRUCTION _____ 2 B
ALLOWABLE BUILDING HEIGHT _____ 55 ft.
ACTUAL BUILDING HEIGHT _____ 21'-0" ft.
ALLOWABLE BUILDING AREA PER FLOOR _____ 14500 s.f. Per Floor
GROSS FLOOR AREA _____ 2,884.3 s.f.
THIS BUILDING IS NOT SPRINKLED

LOT 3 VINEYARDS LOWELL, ARKANSAS STUCKEY BUILDING

I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION, I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY LAW AND IN COMPLIANCE WITH THE 2006 INTERNATIONAL FIRE CODE AND THE CODES ADOPTED BY THE STATE OF ARKANSAS.

FUGITT AND ARCHITECT
ASSOCIATES WILLIAM KIM FUGITT A.I.A.
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SQ. FT. CALCULATION	
Space	Sq. Ft.
KJMON LEARNING CENTER [GROSS]	2884.3
	2884.3

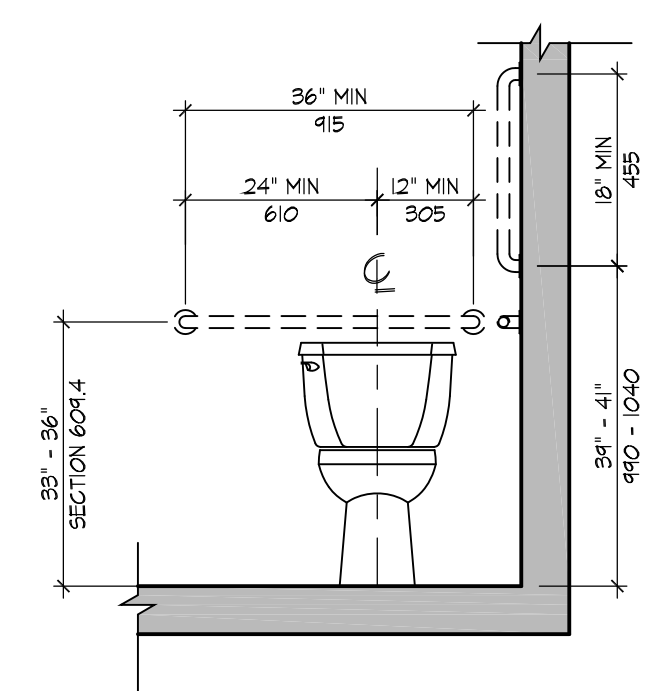
BUILDING NOTES:

ALL STEEL ABOVE SLAB TO BE PRE-ENGINEERED BY METAL BUILDING MANUFACTURER.

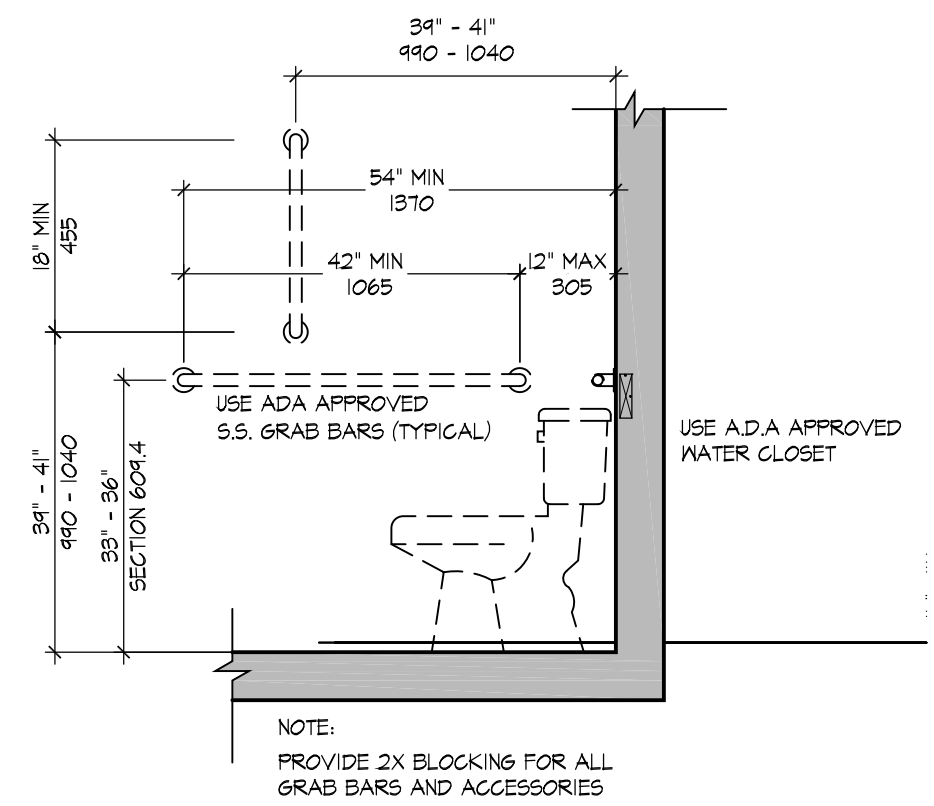
GRIDLINES (1), (3), (A), (B) ARE INDICATED AT THE OUTSIDE FACE OF STEEL - ALL OTHER GRIDLINES ARE MEASURE TO THE CENTERLINE OF STEEL MEMBER.

IN THE COURSE OF CONSTRUCTION IF A CONSTRUCTION DETAIL OR METHOD IS NOT SPECIFICALLY DEPICTED OR NOTED, IT IS THE CONTRACTOR'S RESPONSIBILITY TO REQUEST INFORMATION REGARDING THE PROCEDURE IN QUESTION FROM THE ARCHITECT IN WRITTEN FORM (RFI). IF CONTRACTOR PROCEEDS WITH THE WORK IN QUESTION WITHOUT RECEIVING A RESPONSE TO THE AFOREMENTIONED WRITTEN REQUEST (RFI) IT IS IMPLIED IN DOING SO THAT THE CONTRACTOR HAS TAKEN FULL RESPONSIBILITY FOR THE MEANS AND METHODS OF THE WORK, ITS FUNCTION AND AESTHETIC QUALITY. IF THE WORK SHOULD FAIL TO MEET THE OWNER'S APPROVAL IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR/RECONSTRUCT TO THE OWNER'S SATISFACTION.

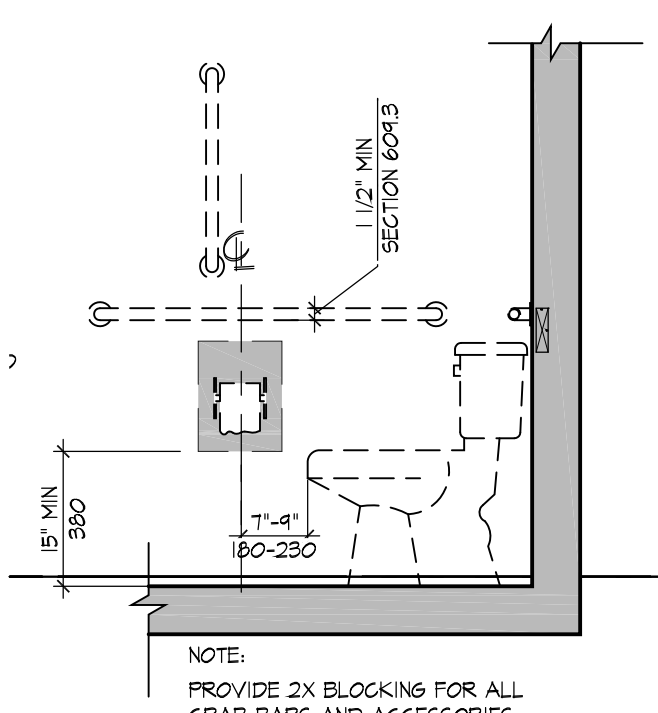
GROUND FLOOR - ROOM FINISH SCHEDULE					
NAME	FLOOR	WALL	CEILING	CL.G. HT	Comments
BATHROOM 1	FLR = CERAMIC TILE	1/2" GYP BOARD TO PAINT	2X4 DROP CEILING	CL.G=11'-4"	--
BATHROOM 2	FLR = CERAMIC TILE	1/2" GYP BOARD TO PAINT	2X4 DROP CEILING	CL.G=11'-4"	--
CLASSROOM	FLR = CARPET	1/2" GYP BOARD TO PAINT	2X4 DROP CEILING	CL.G=11'-4"	--
LIBRARY/MISC	FLR = CARPET	1/2" GYP BOARD TO PAINT	2X4 DROP CEILING	CL.G=11'-4"	--
OFFICE AREA	FLR = CARPET	1/2" GYP BOARD TO PAINT	2X4 DROP CEILING	CL.G=11'-4"	--
PARENT'S WAITING AREA	FLR = CARPET	1/2" GYP BOARD TO PAINT	2X4 DROP CEILING	CL.G=11'-4"	--
VIDYA'S OFFICE	FLR = CARPET	1/2" GYP BOARD TO PAINT	2X4 DROP CEILING	CL.G=11'-4"	--



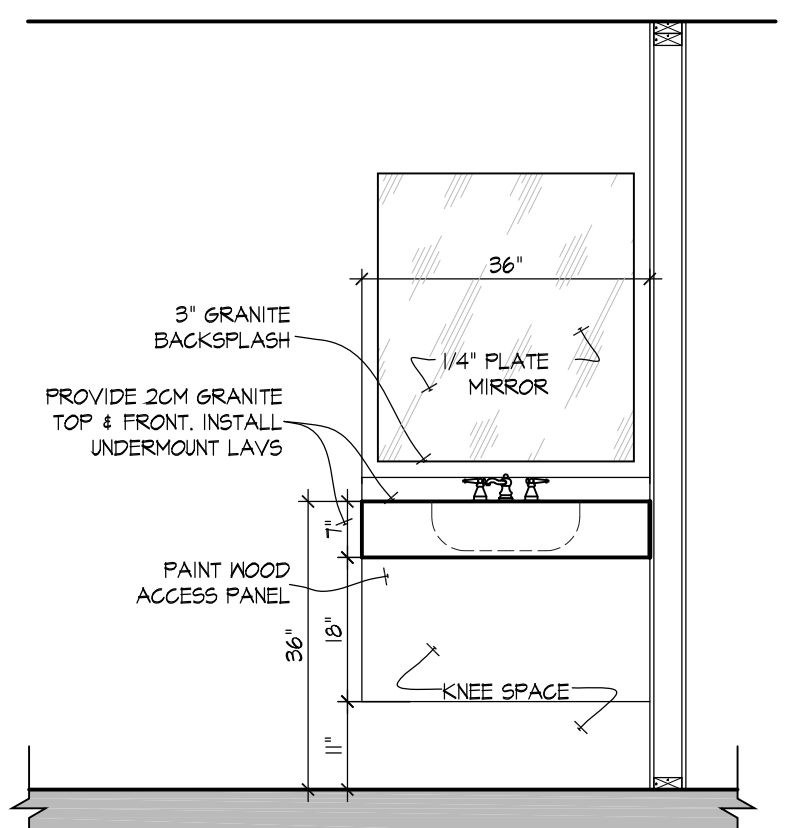
2 H.C. TOILET (SEC. 604.5.1)
Scale: 1/2"=1'-0"



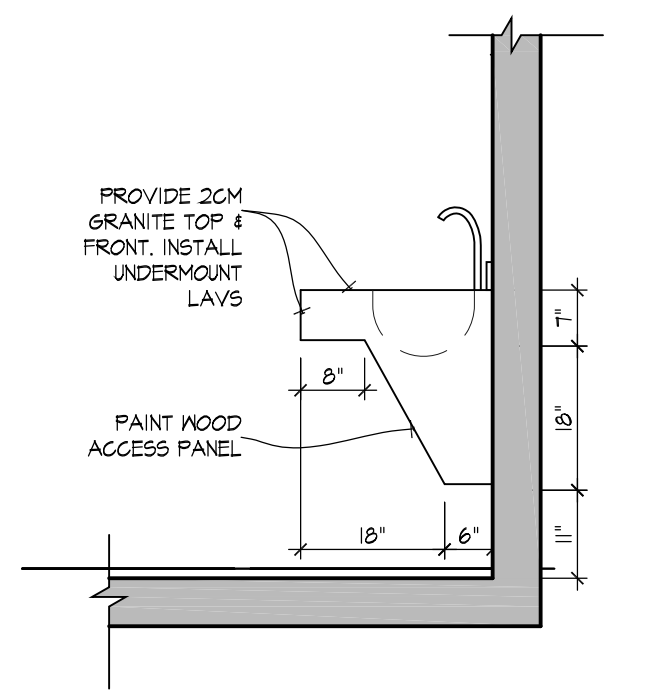
3 H.C. TOILET (SEC 604.5.2)
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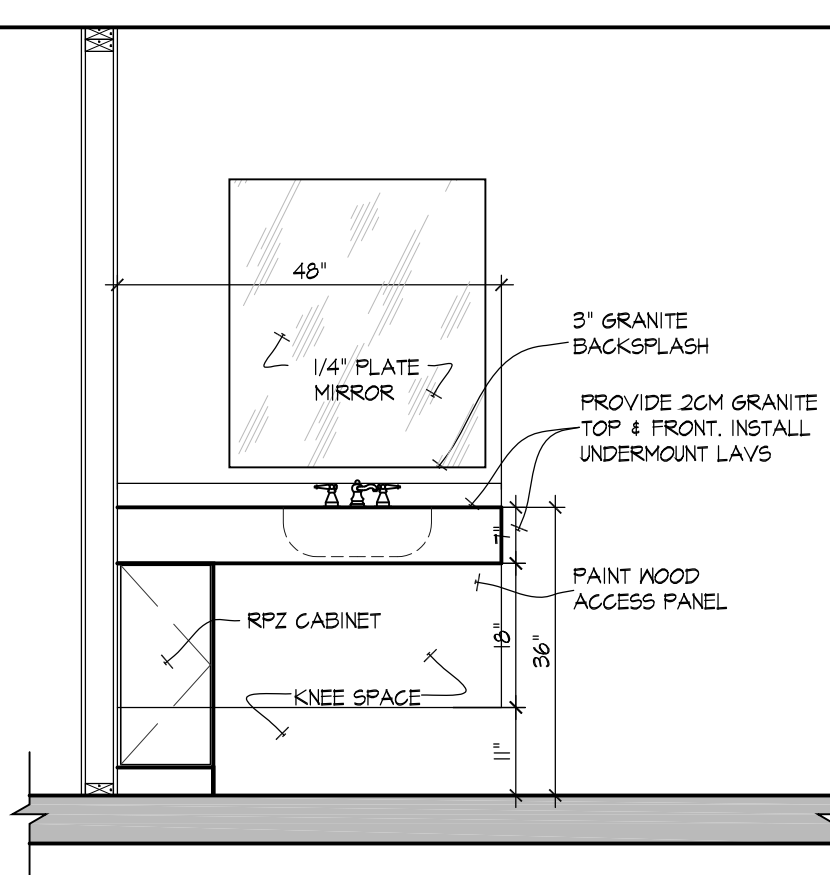
4 H.C. TOILET (SEC 604.7)
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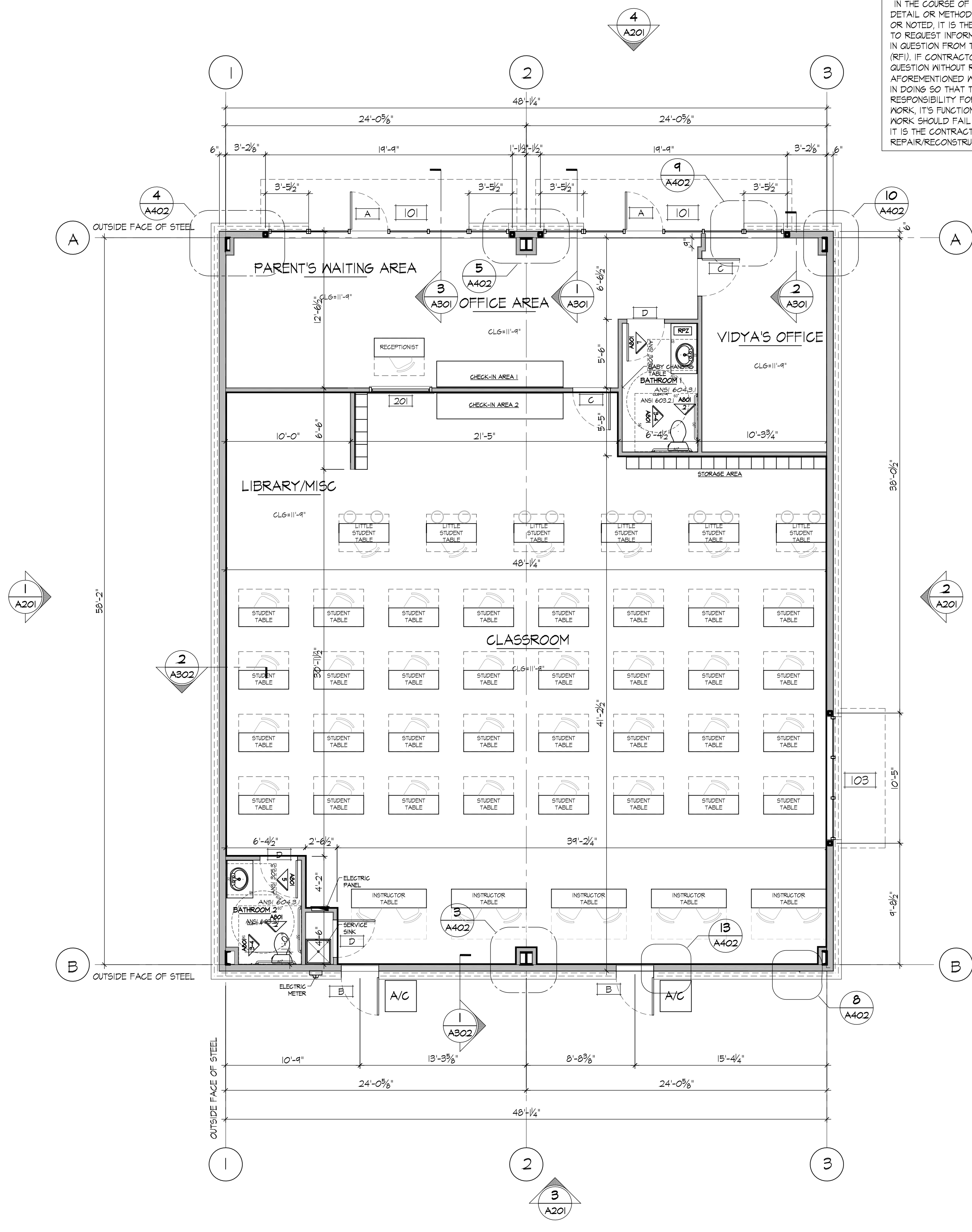
5 INT. ELEV. LAV (TYP)
Scale: 1/2"=1'-0"



6 SECTION @ LAV (TYP)
Scale: 1/2"=1'-0"



5 INT. ELEV. LAV (TYP)
Scale: 1/2"=1'-0"



1 FLOOR PLAN at GROUND FLOOR
Scale: 3/16"=1'-0"

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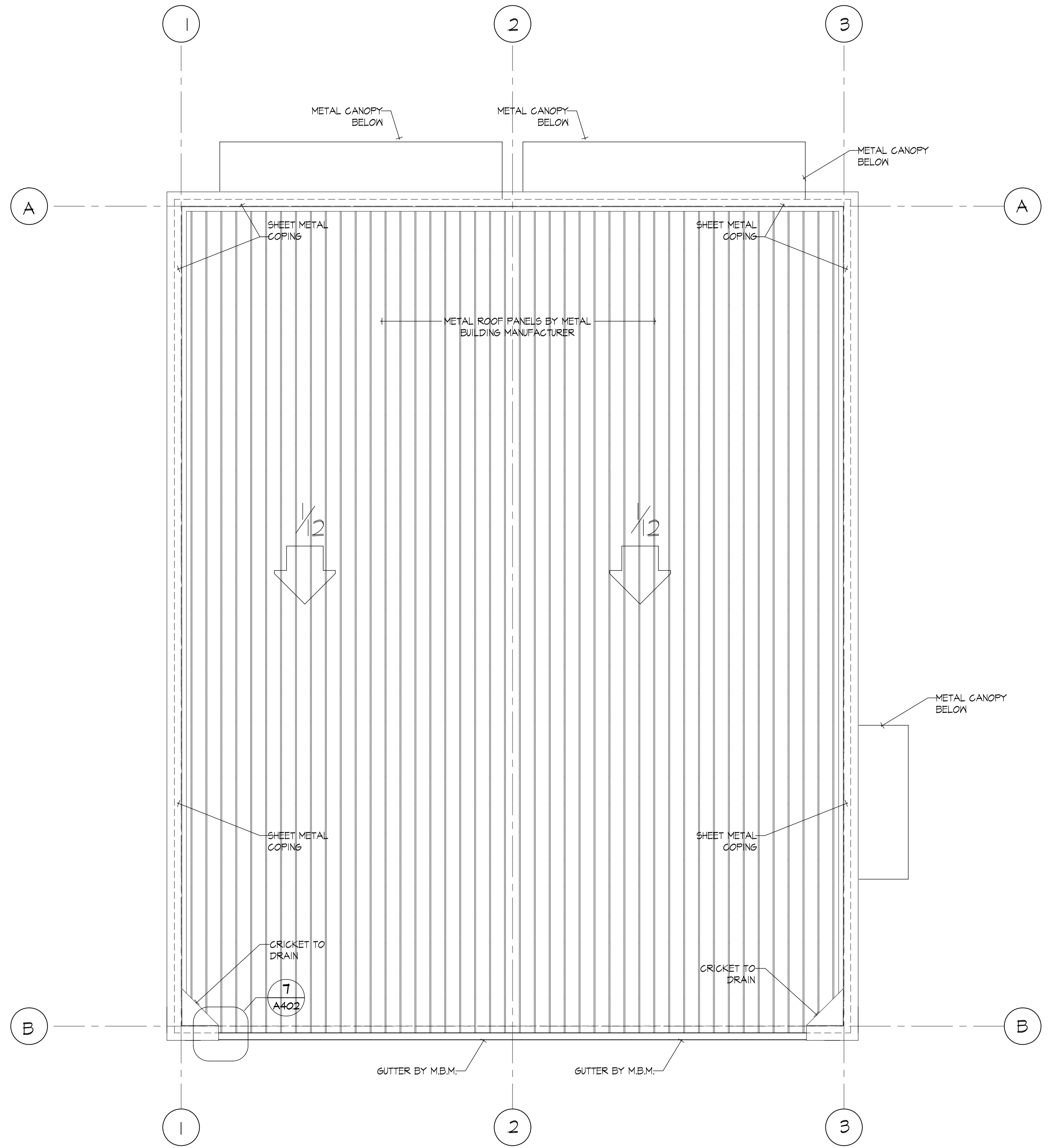
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STUCKEY BUILDING
LOT 3 VINEYARDS
LOWELL, ARKANSAS

SUBMITTAL Date: -- / -- / --

Description:	STUCKEY BUILDING
Location:	LOWELL, ARKANSAS
Sheet Content:	
Sheet:	A101
Document Date:	May 2, 2014



1
A102 ROOF PLAN
Scale : 3/16"=1'-0"

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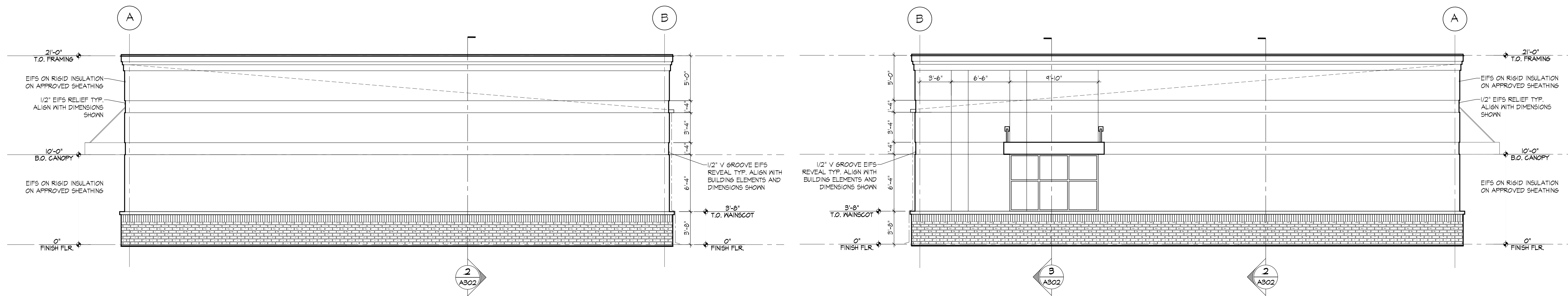
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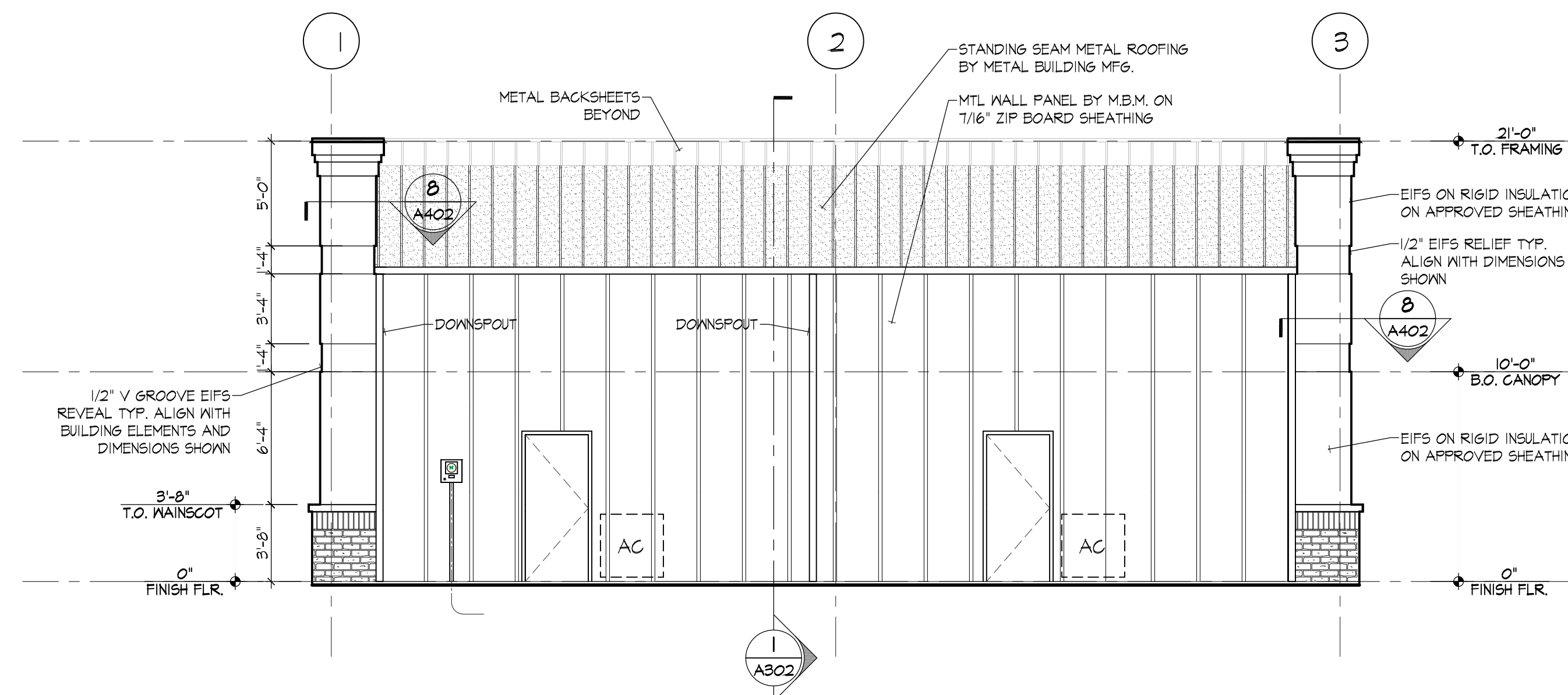
SUBMITTAL Date: -- / -- / ----

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Location:	LOWELL, ARKANSAS
Sheet Content:	
Sheet:	A102
Document Date:	May 21, 2014

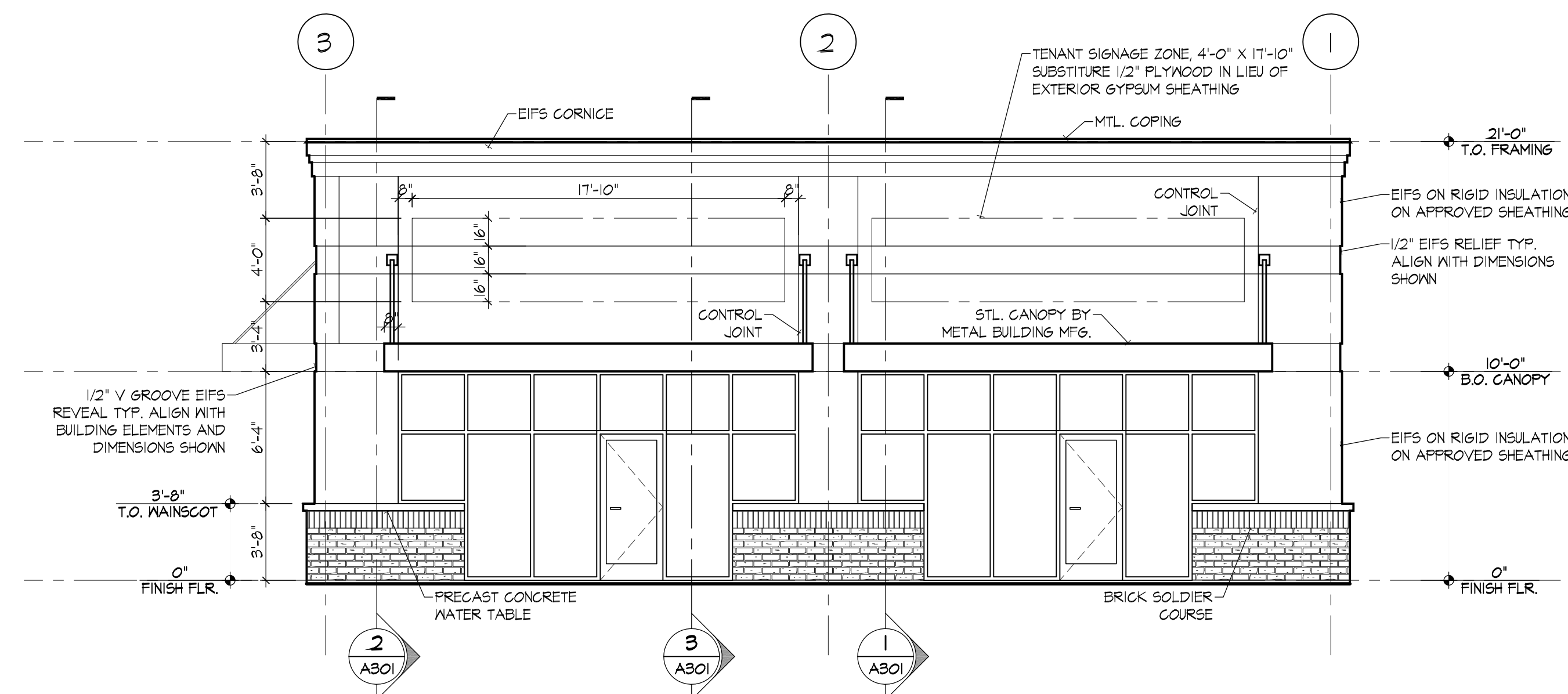


1 EXTERIOR ELEVATION at WEST
Scale : 3/16"=1'-0"

2 EXTERIOR ELEVATION at EAST
Scale : 3/16"=1'-0"



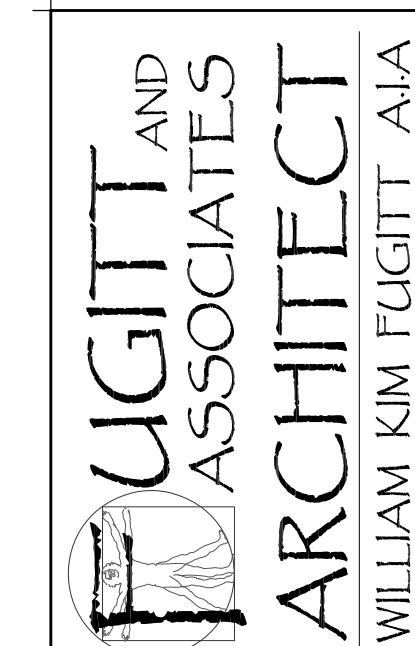
3 EXTERIOR ELEVATION at REAR
Scale : 3/16"=1'-0"



4 EXTERIOR ELEVATION at FRONT
Scale : 3/16"=1'-0"

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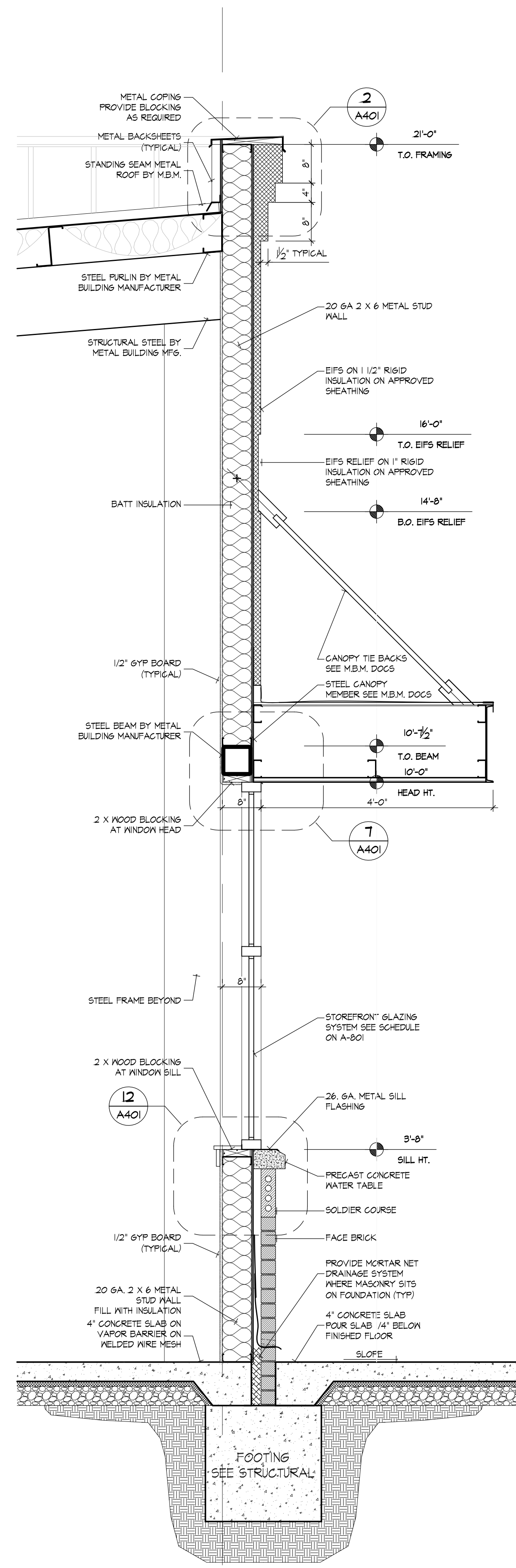
Arch D - 24 x 36 in.
Portrait



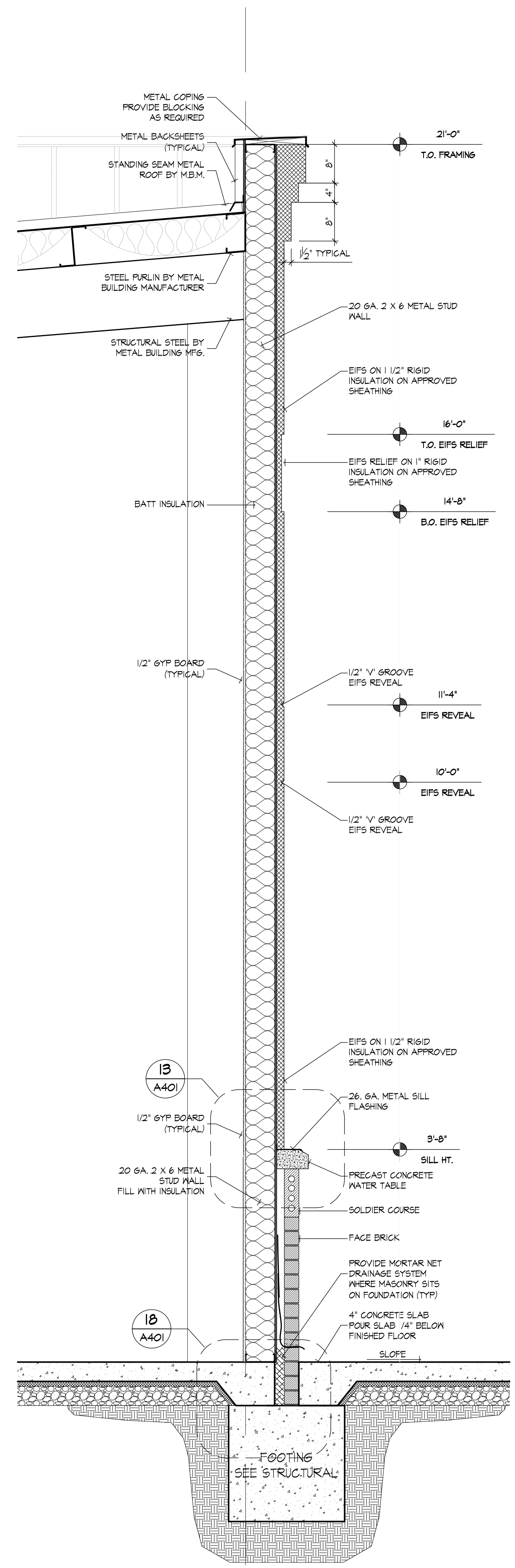
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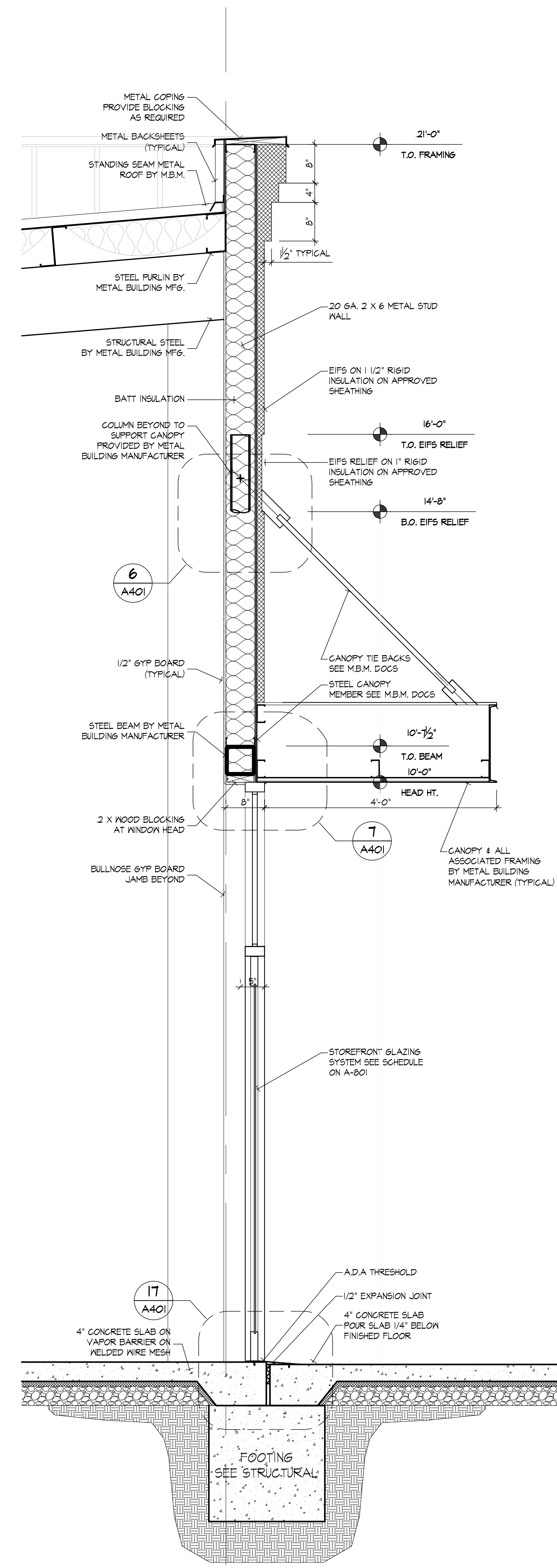
Description:	STUCKEY BUILDING
Location:	LOWELL, ARKANSAS
Sheet Content:	
Sheet:	A201
Document Date:	May 2, 2014



1 WALL SECTION DETAIL
A301 Scale: 3/4"=1'-0"



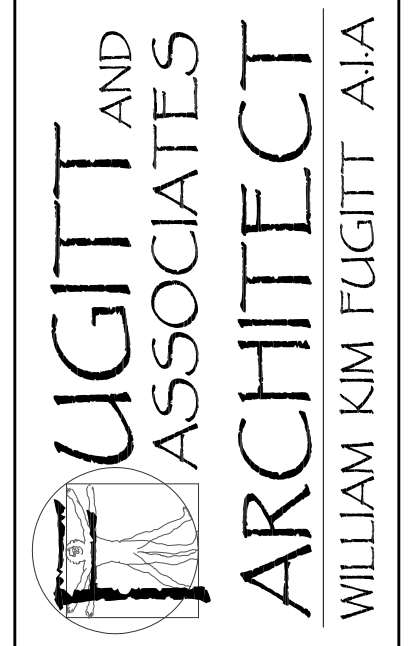
2 WALL SECTION DETAIL
A301 Scale: 3/4"=1'-0"



3 WALL SECTION DETAIL
A301 Scale: 3/4"=1'-0"

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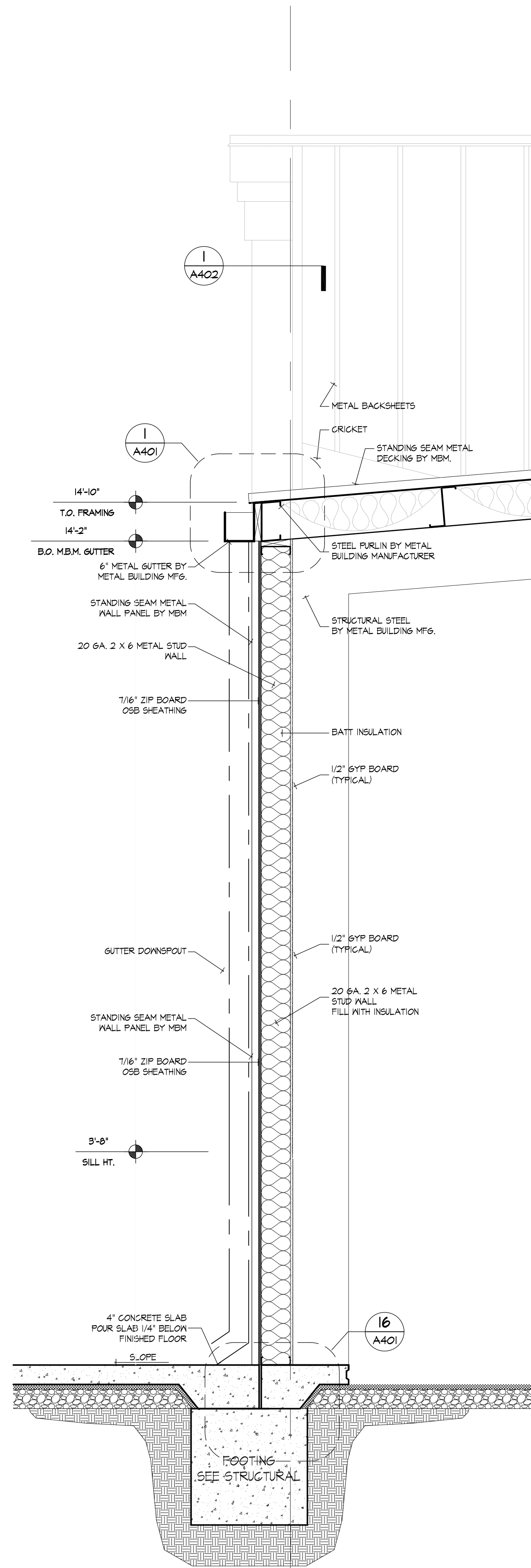
Arch D - 24 x 8
Plot 10 - 10 - 10



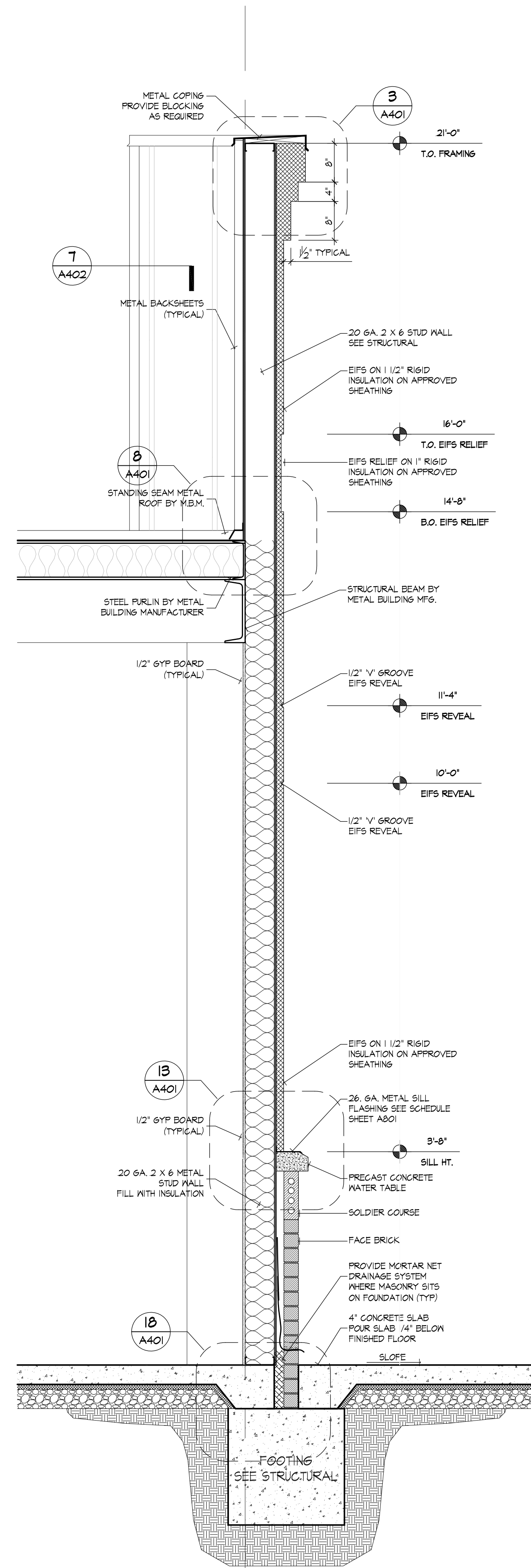
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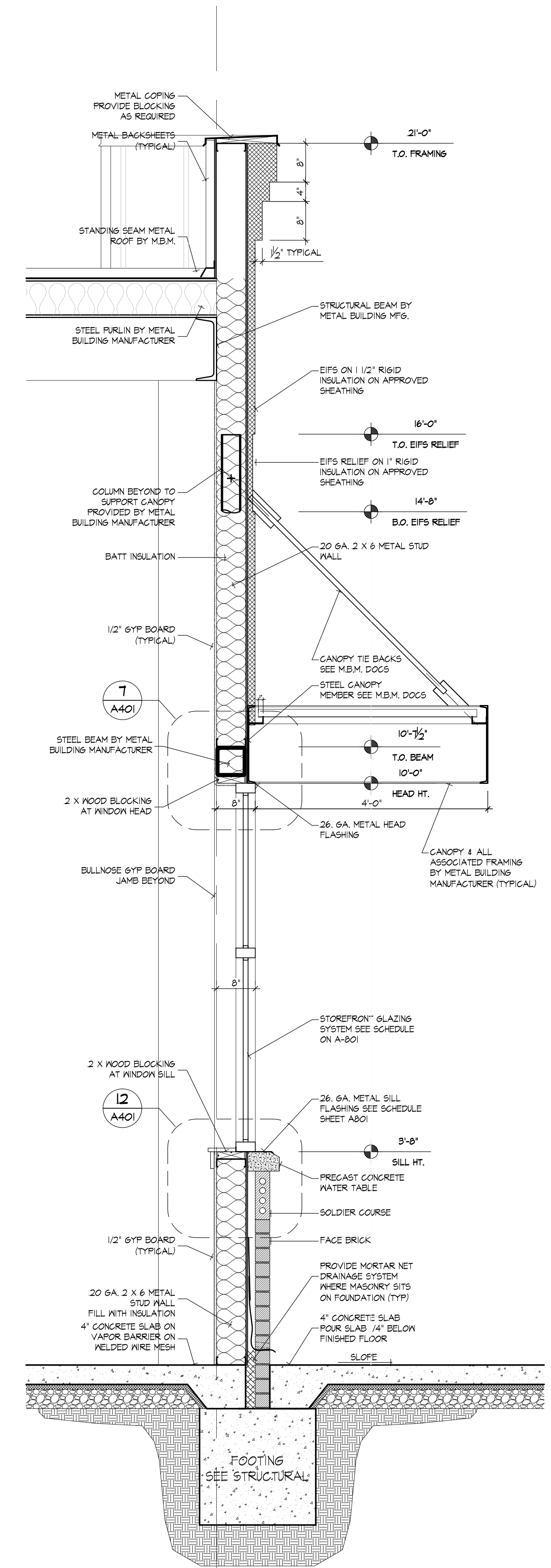
Description:	STUCKEY BUILDING
Location:	LOWELL, ARKANSAS
Sheet Content:	
Sheet:	A301
Document Date:	May 2, 2014



1 WALL SECTION DETAIL
A302 Scale : 3/4"=1'-0"



2 WALL SECTION DETAIL
A302 Scale : 3/4"=1'-0"



3 WALL SECTION DETAIL
A302 Scale : 3/4"=1'-0"

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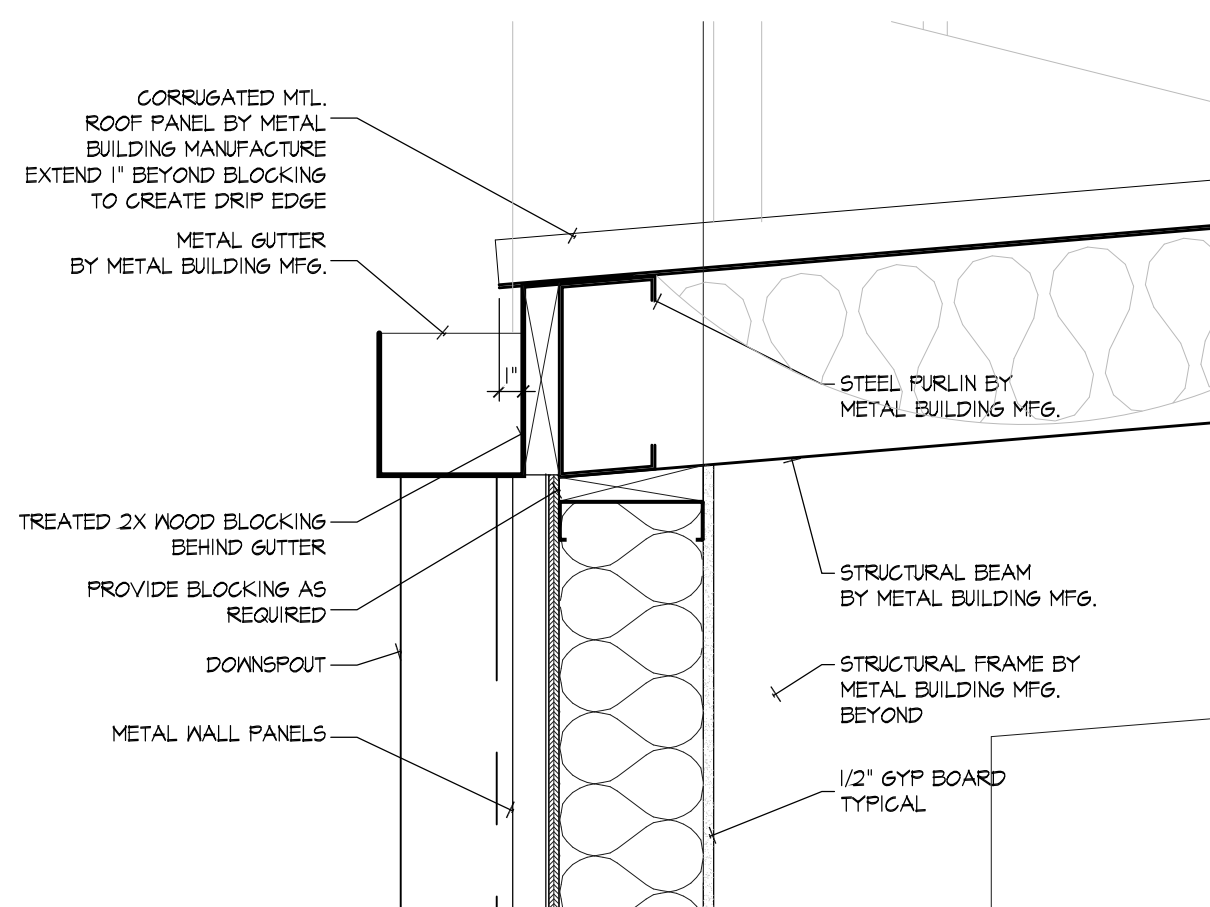
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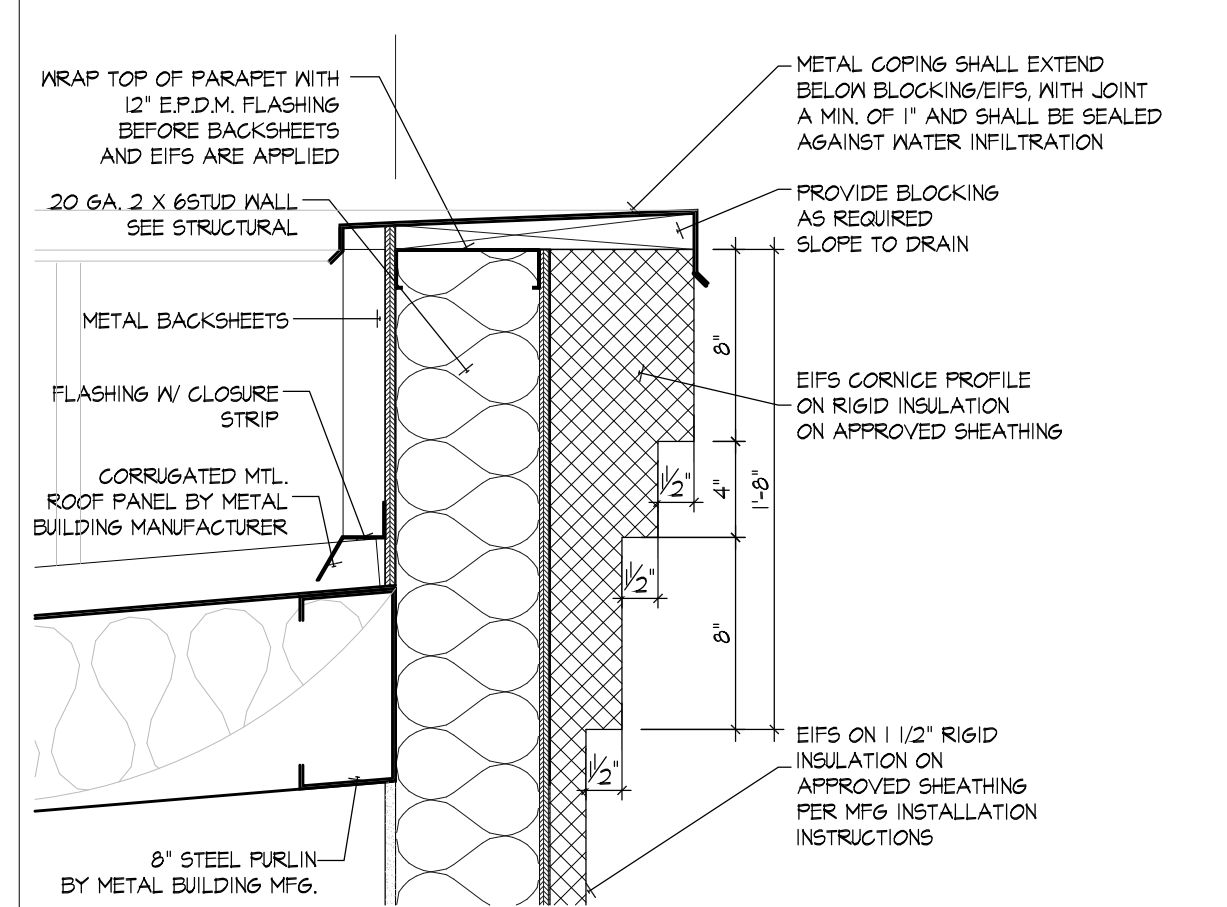
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LOT 3 VINEYARDS
LOWELL, ARKANSAS

SUBMITTAL Date: / /

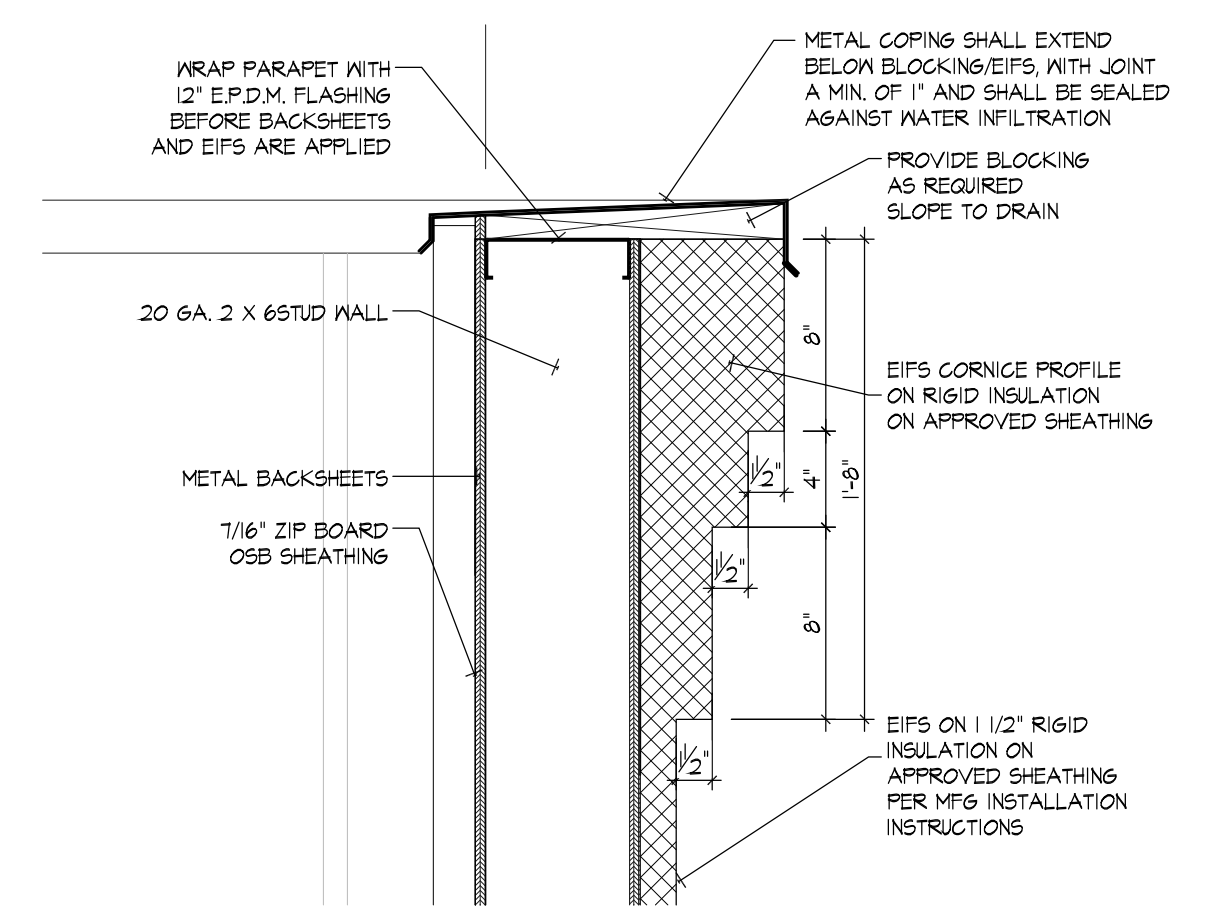
Description:	STUCKEY BUILDING
Location:	LOWELL, ARKANSAS
Sheet Content:	
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1 M.B.M. GUTTER DETAIL
A401 Scale : 1 1/2"=1'-0"



2 CORNICE/COPING DETAIL
A401 Scale : 1 1/2"=1'-0"



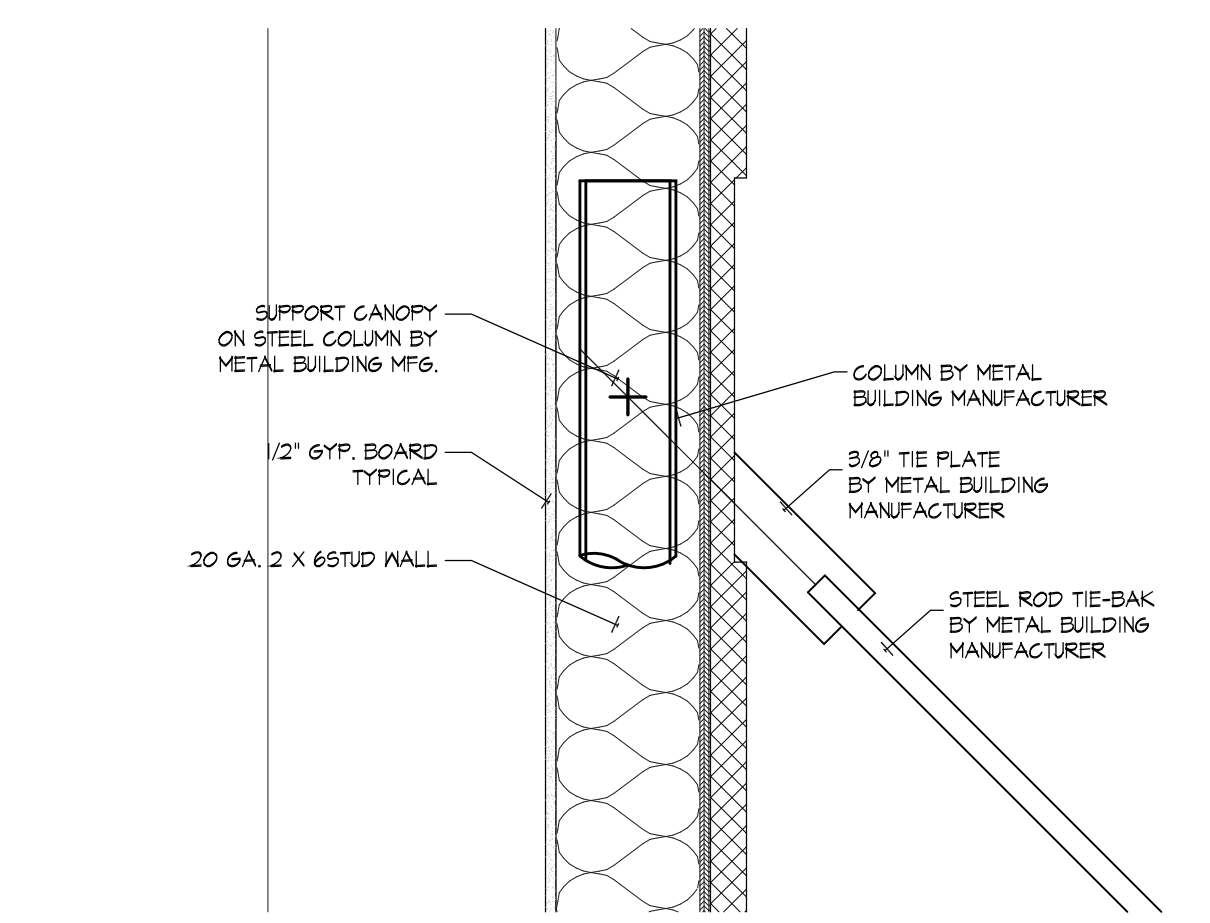
3 CORNICE/COPING DETAIL
A401 Scale : 1 1/2"=1'-0"



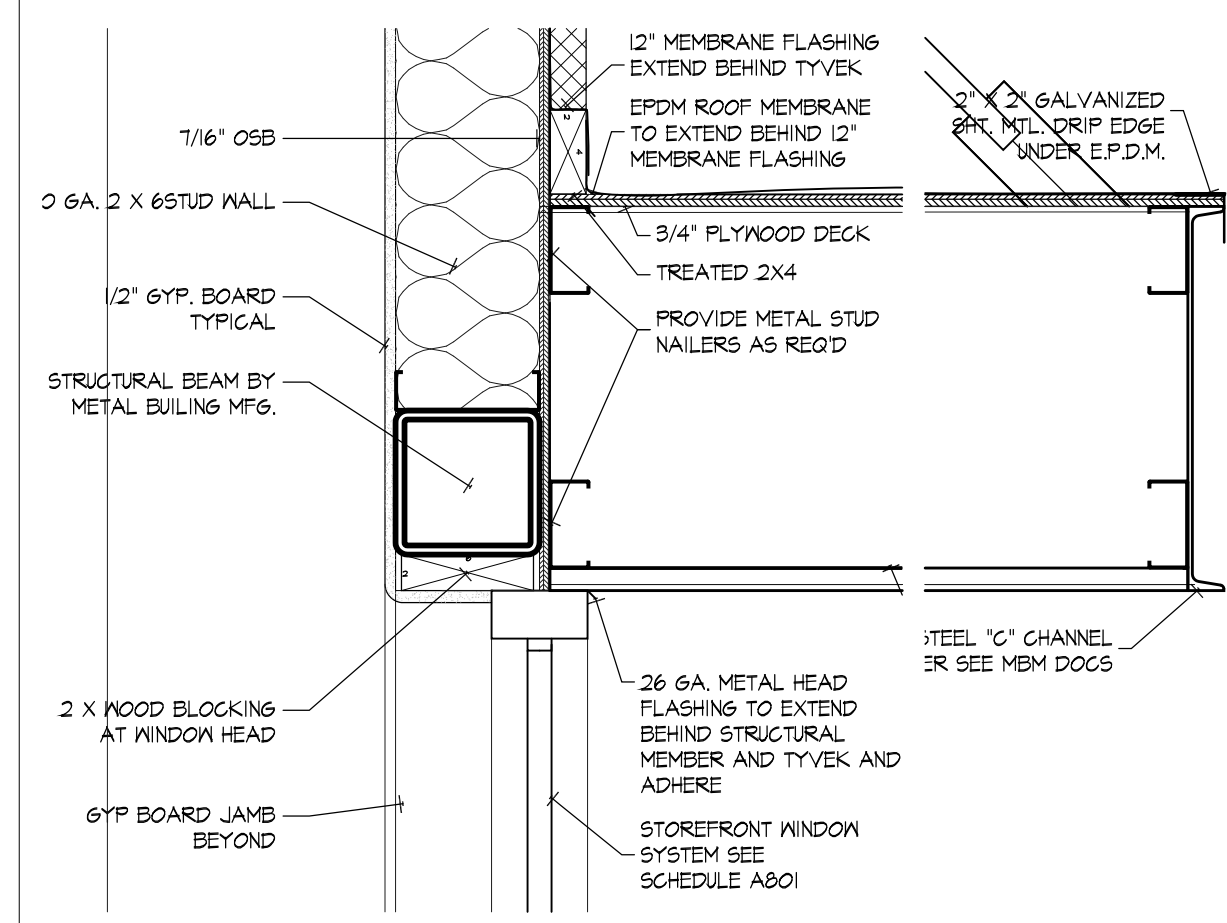
4 FRAMING DETAIL
A401 Scale : 1 1/2"=1'-0"



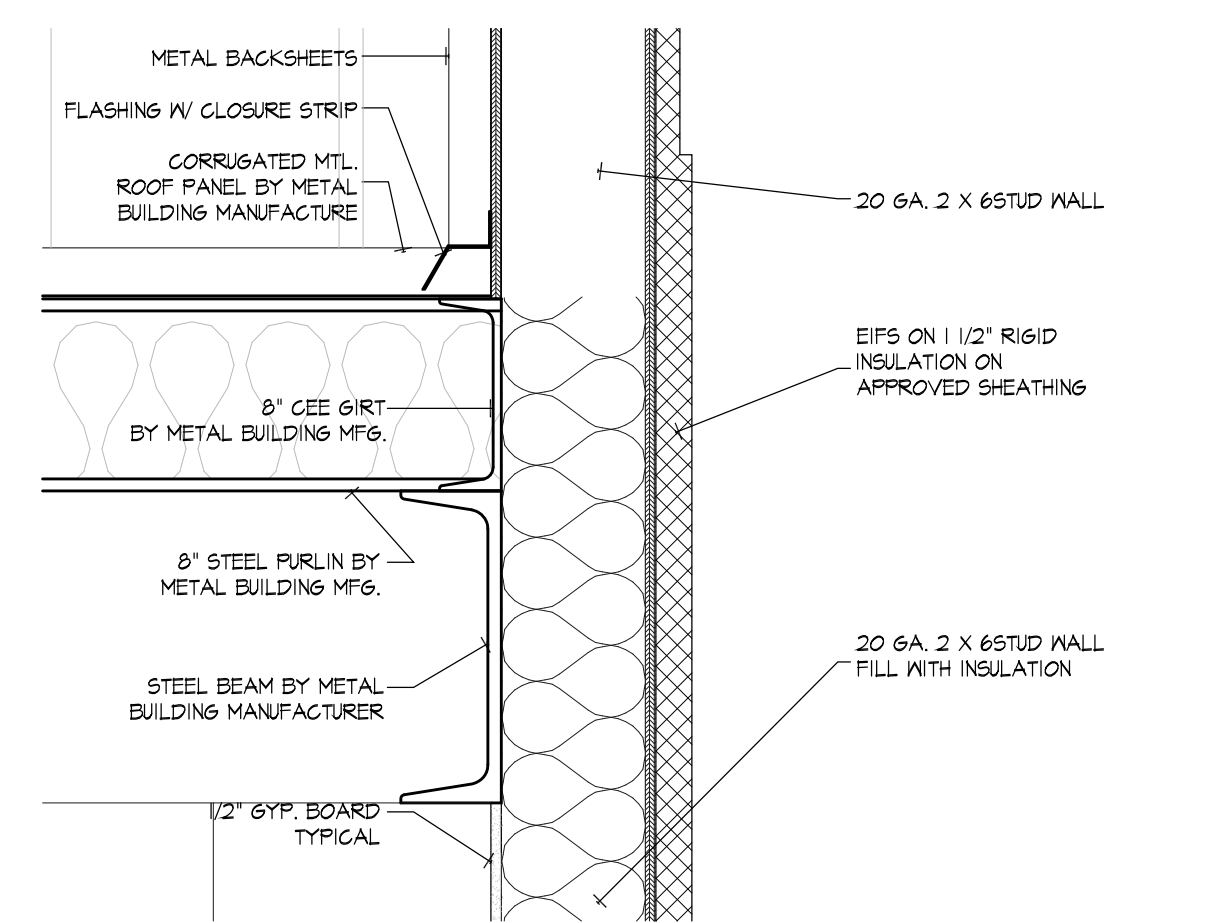
5 FRAMING DETAIL
A401 Scale : 1 1/2"=1'-0"



6 CANOPY TIE-BACK DETAIL
A401 Scale : 1 1/2"=1'-0"



7 HEAD/CANOPY DETAIL
A401 Scale : 1 1/2"=1'-0"



8 FRAMING DETAIL AT ROOF
A401 Scale : 1 1/2"=1'-0"



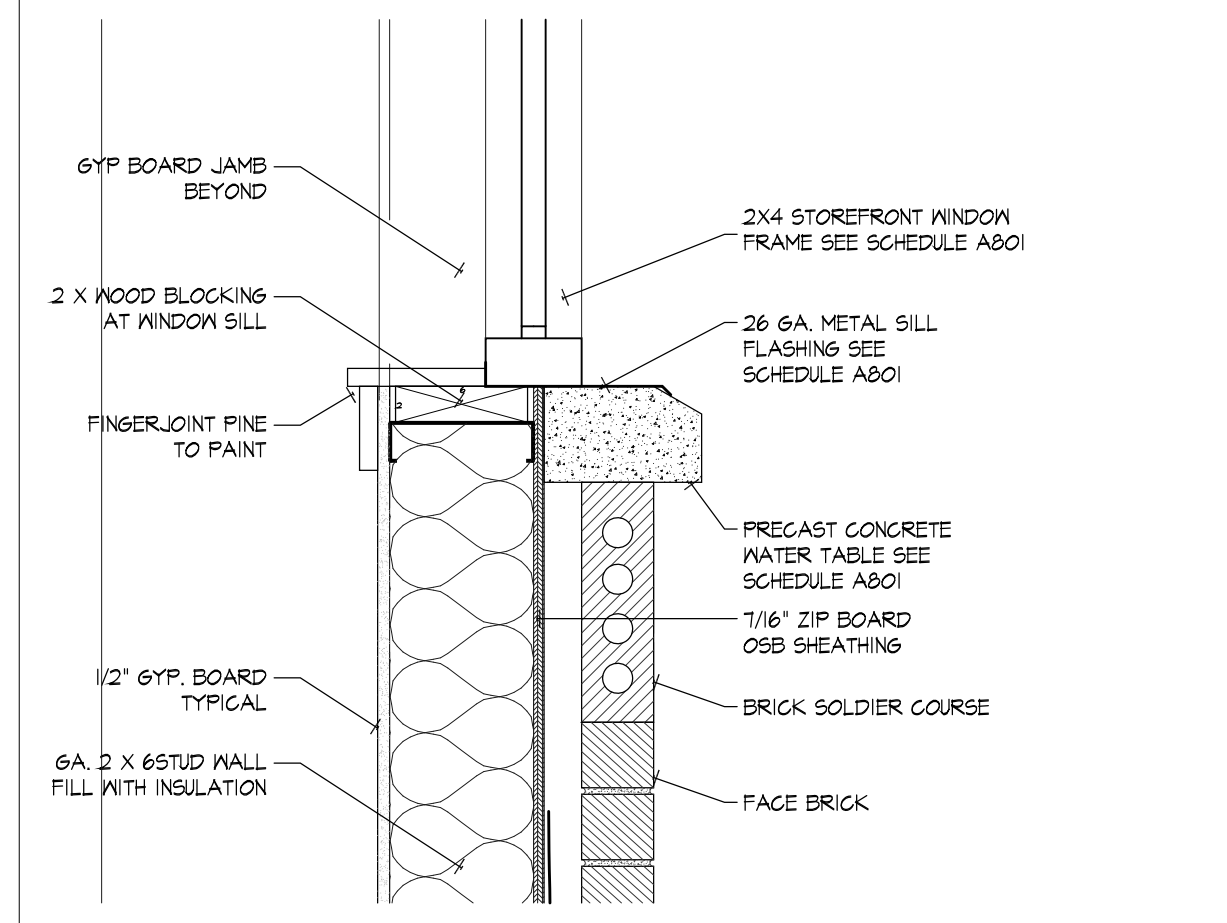
9 FRAMING DETAIL
A401 Scale : 1 1/2"=1'-0"



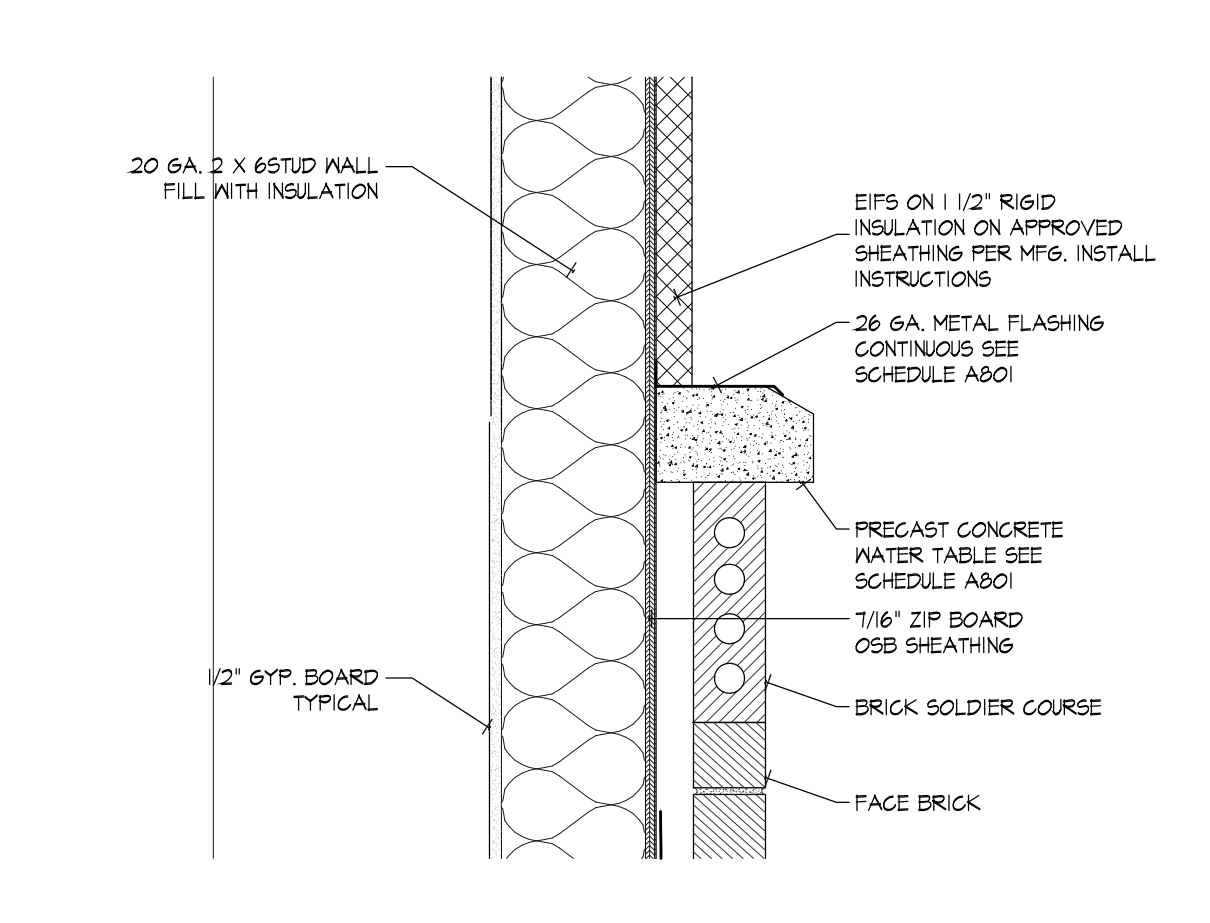
10 FRAMING DETAIL
A401 Scale : 1 1/2"=1'-0"



11 FRAMING DETAIL
A401 Scale : 1 1/2"=1'-0"



12 WINDOW SILL DETAIL
A401 Scale : 1 1/2"=1'-0"



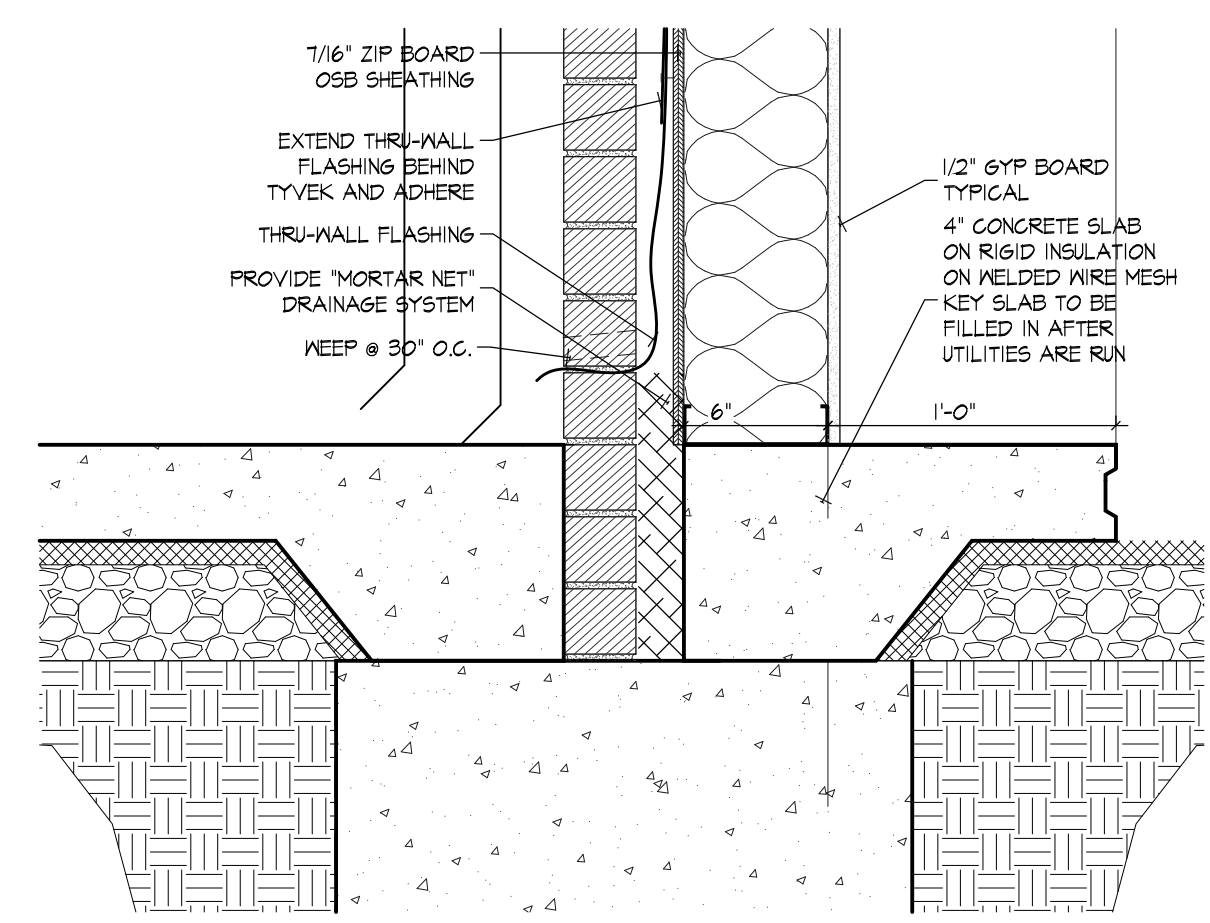
13 WATERTABLE SILL DETAIL
A401 Scale : 1 1/2"=1'-0"



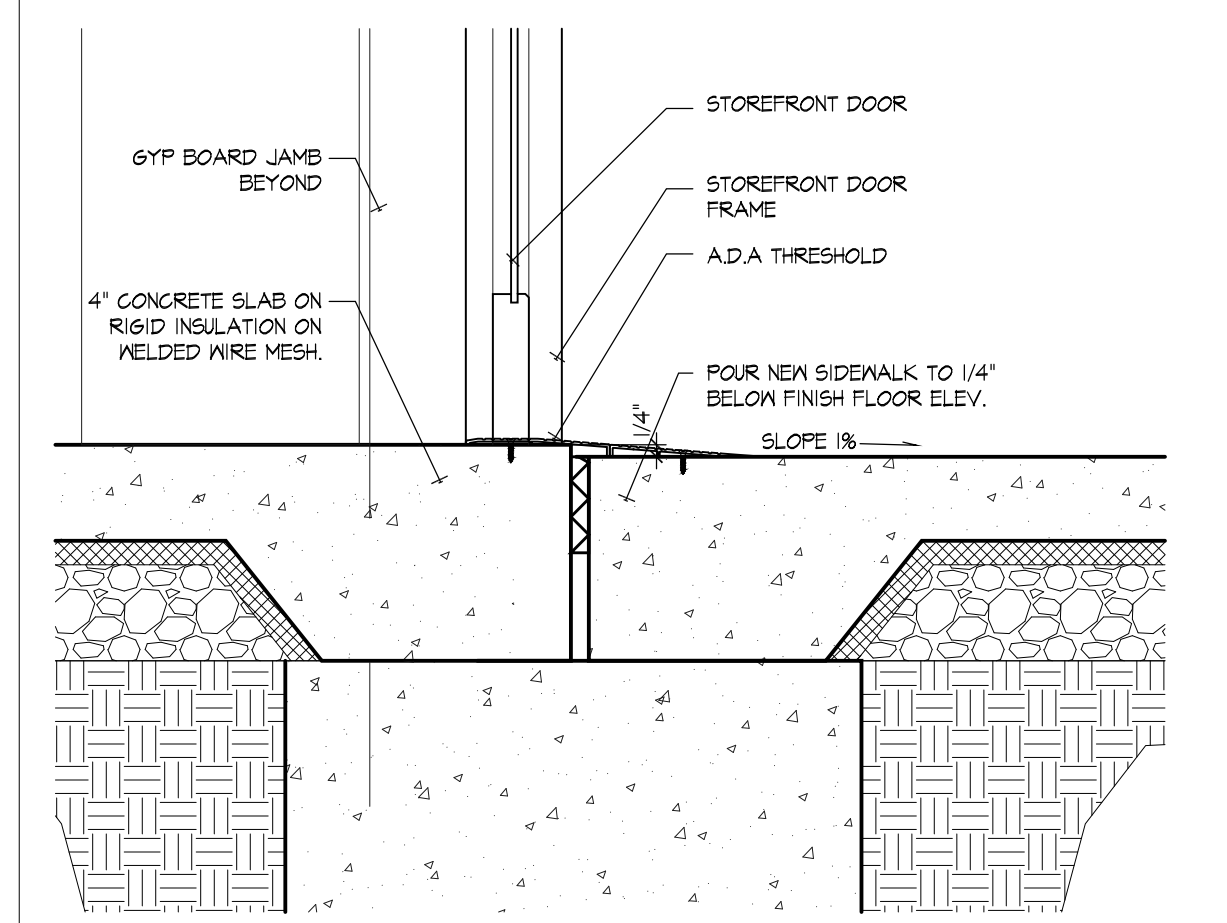
14 FRAMING DETAIL
A401 Scale : 1 1/2"=1'-0"



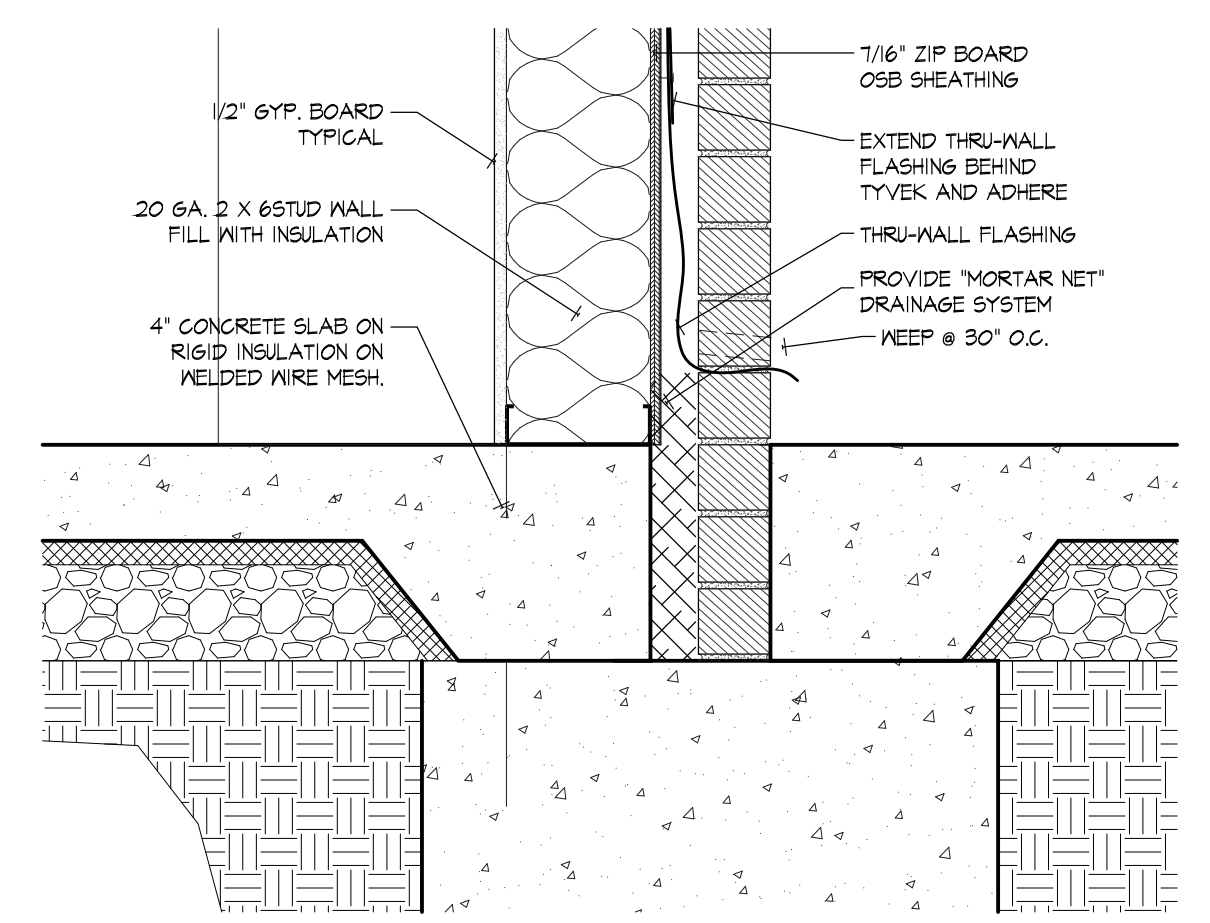
15 FRAMING DETAIL
A401 Scale : 1 1/2"=1'-0"



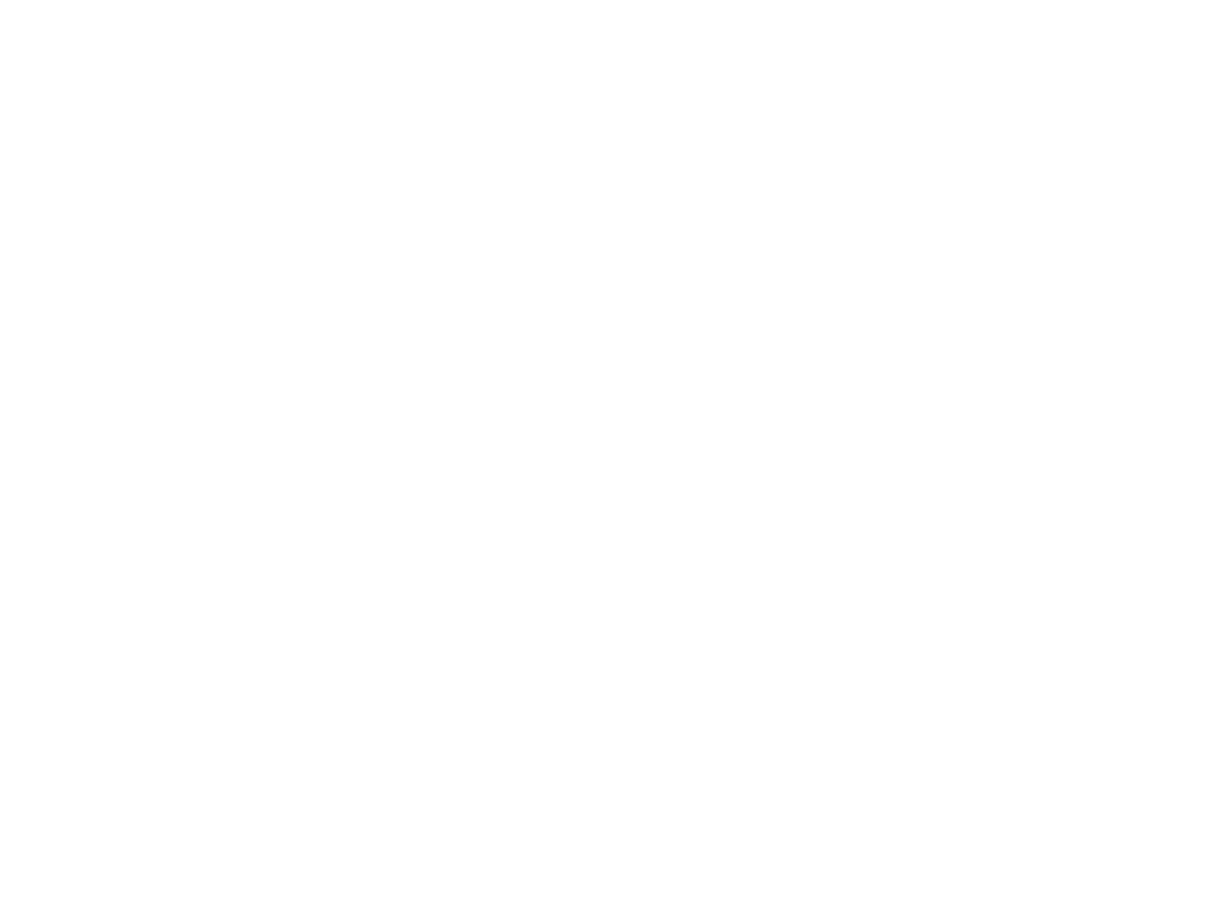
16 FOUNDATION DETAIL
A401 Scale : 1 1/2"=1'-0"



17 THRESHOLD DETAIL
A401 Scale : 1 1/2"=1'-0"



18 FOUNDATION DETAIL
A401 Scale : 1 1/2"=1'-0"



19 FRAMING DETAIL
A401 Scale : NTS



20 FRAMING DETAIL
A401 Scale : NTS

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Arch D - 24 x 36 in.
P o r t f o l i o

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Description:	STUCKEY BUILDING
Location:	LOWELL, ARKANSAS
Sheet Content:	
Sheet:	A401
Document Date:	May 2, 2014

1 FRAMING DETAIL
A402 Scale : 1 1/2"=1'-0"

2 FRAMING DETAIL
A402 Scale : 1 1/2"=1'-0"

3 METAL WALL PANEL DETAIL
A402 Scale : 1 1/2"=1'-0"

4 CORNER DETAIL (+3'-8")
A402 Scale : 1 1/2"=1'-0"

5 FRAMING DETAIL (+3'-8")
A402 Scale : 1 1/2"=1'-0"

6 FRAMING DETAIL
A402 Scale : 1 1/2"=1'-0"

7 FRAMING DETAIL @ PARAPET
A402 Scale : 1 1/2"=1'-0"

8 METAL WALL PANEL DETAIL
A402 Scale : 1 1/2"=1'-0"

9 WINDOW JAMB DETAIL (-3'-8")
A402 Scale : 1 1/2"=1'-0"

10 CORNER DETAIL (-3'-8")
A402 Scale : 1 1/2"=1'-0"

11 FRAMING DETAIL
A402 Scale : 1 1/2"=1'-0"

12 FRAMING DETAIL
A402 Scale : 1 1/2"=1'-0"

13 HOLLOW METAL DOOR JAMB
A402 Scale : 1 1/2"=1'-0"

14 FRAMING DETAIL
A402 Scale : 1 1/2"=1'-0"

15 FRAMING DETAIL
A402 Scale : 1 1/2"=1'-0"

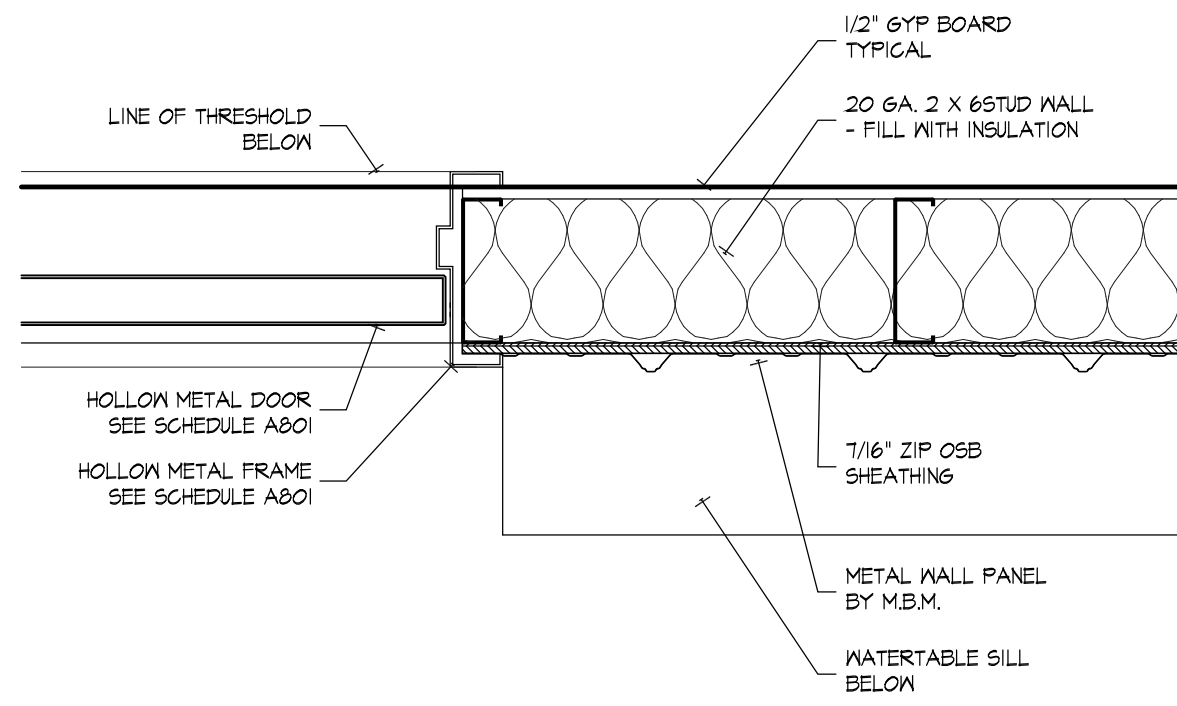
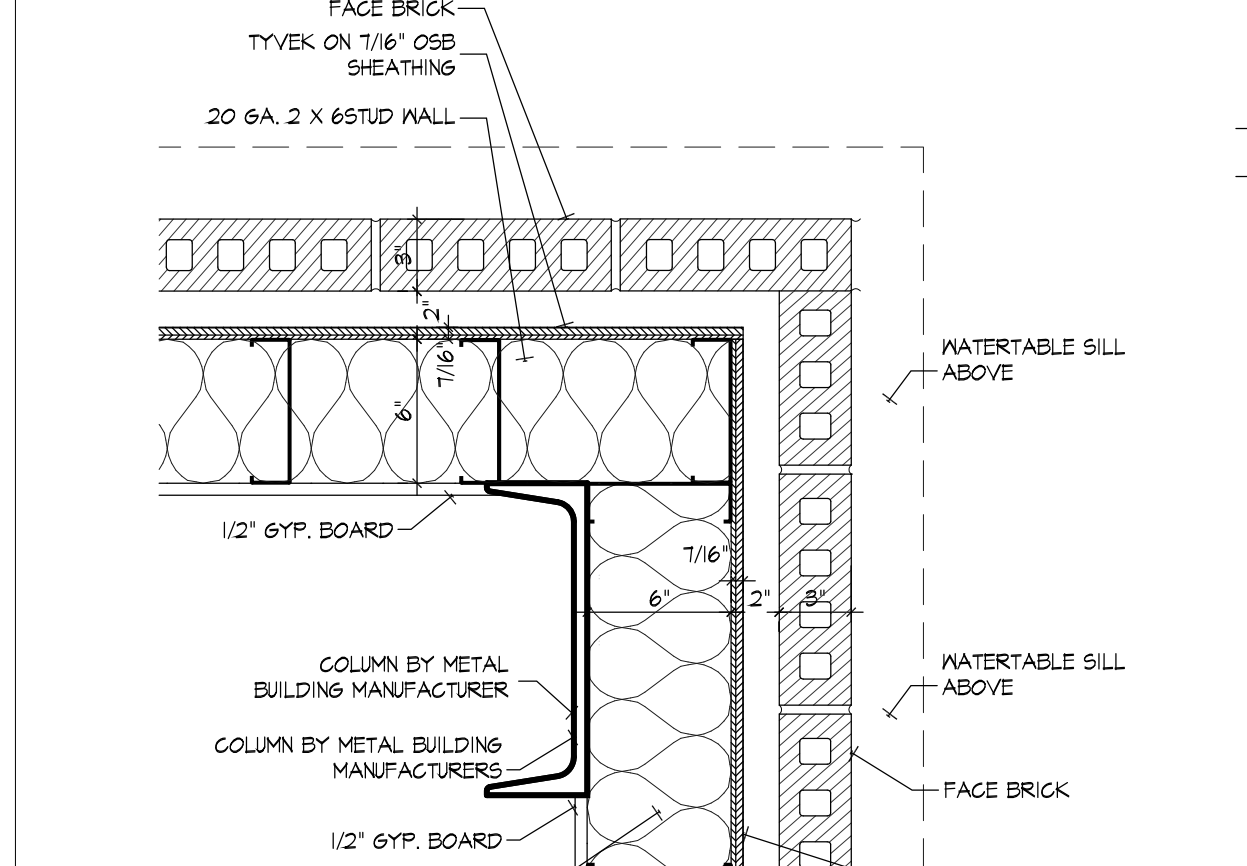
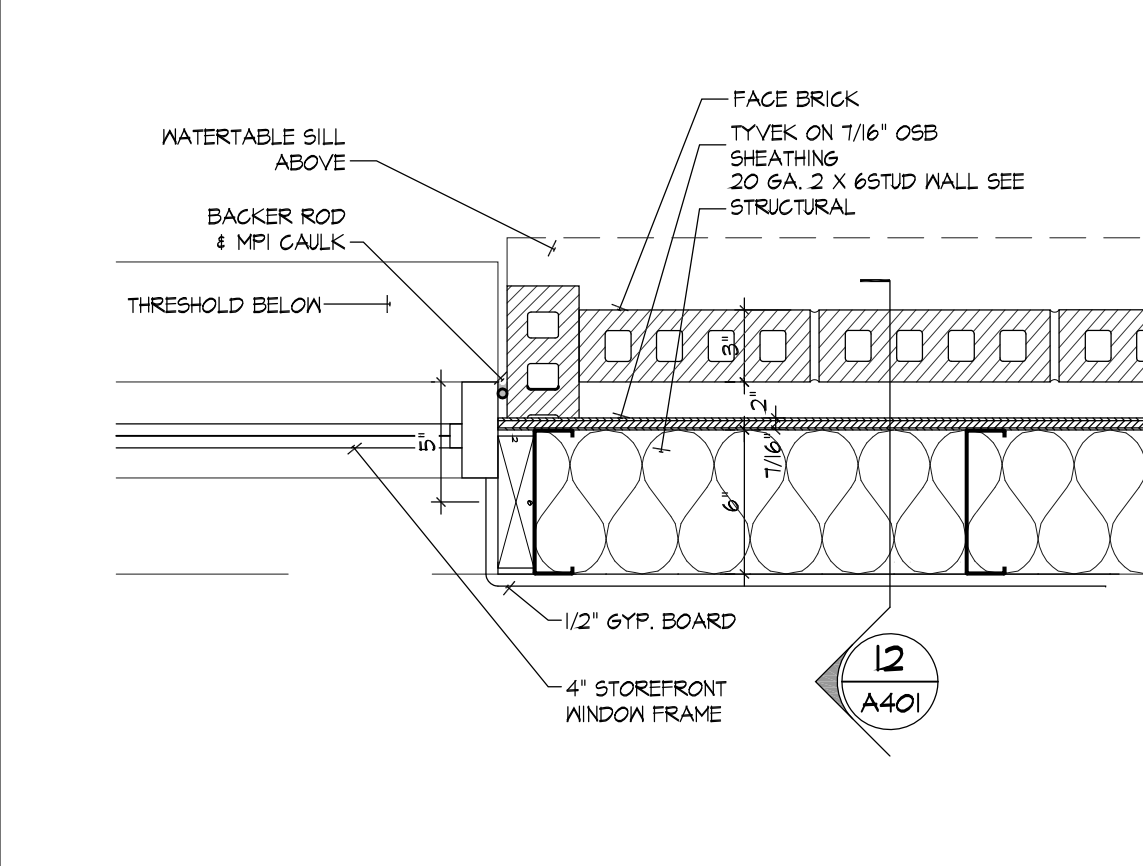
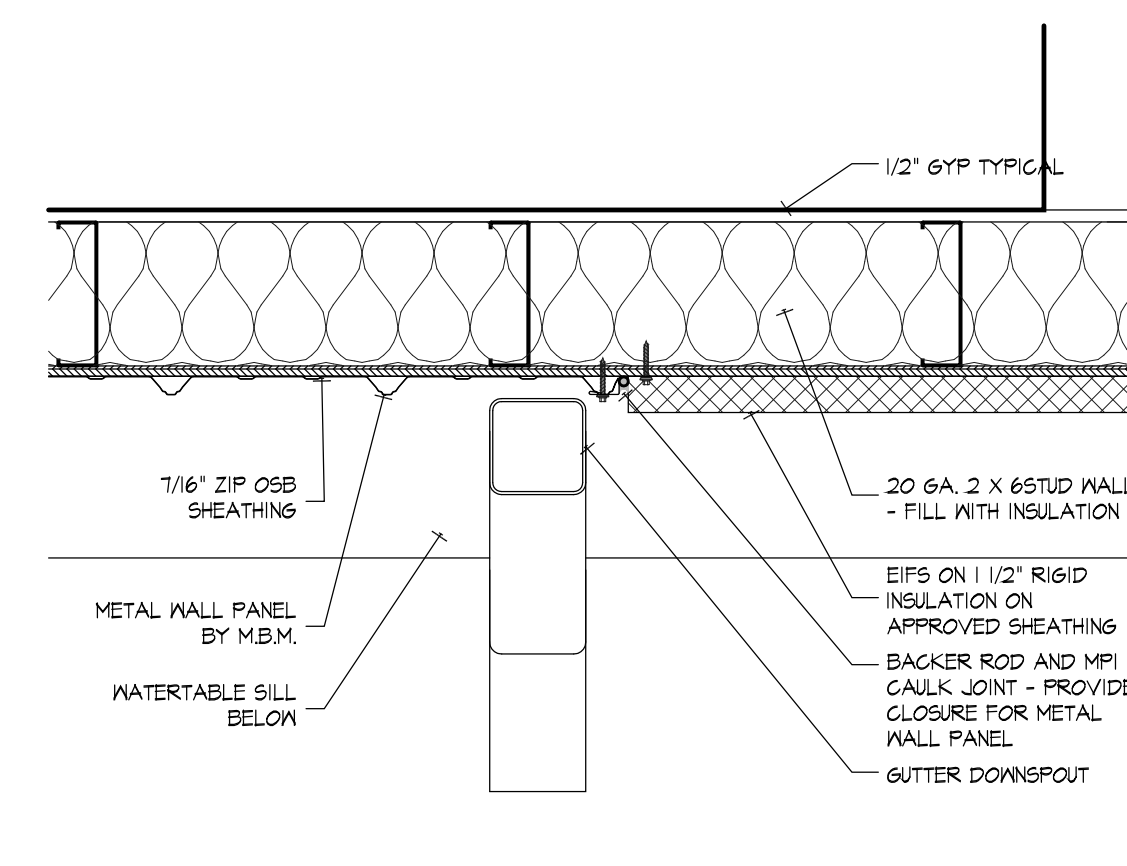
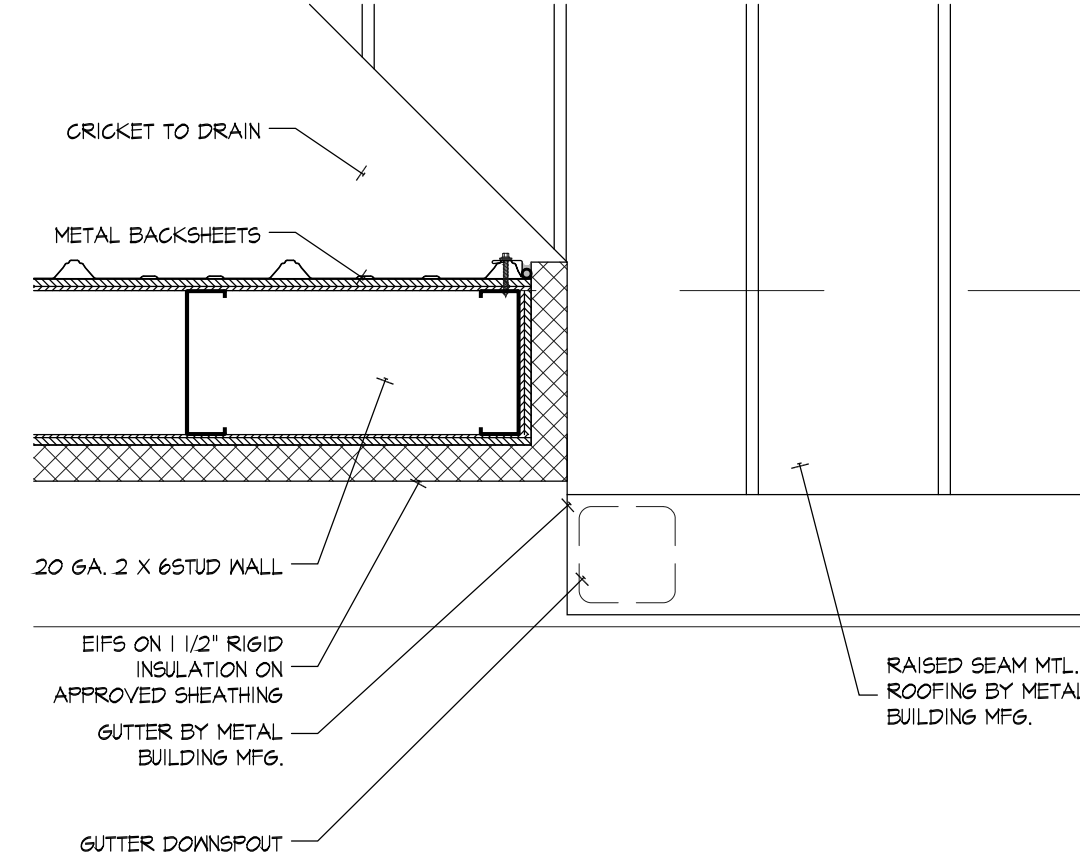
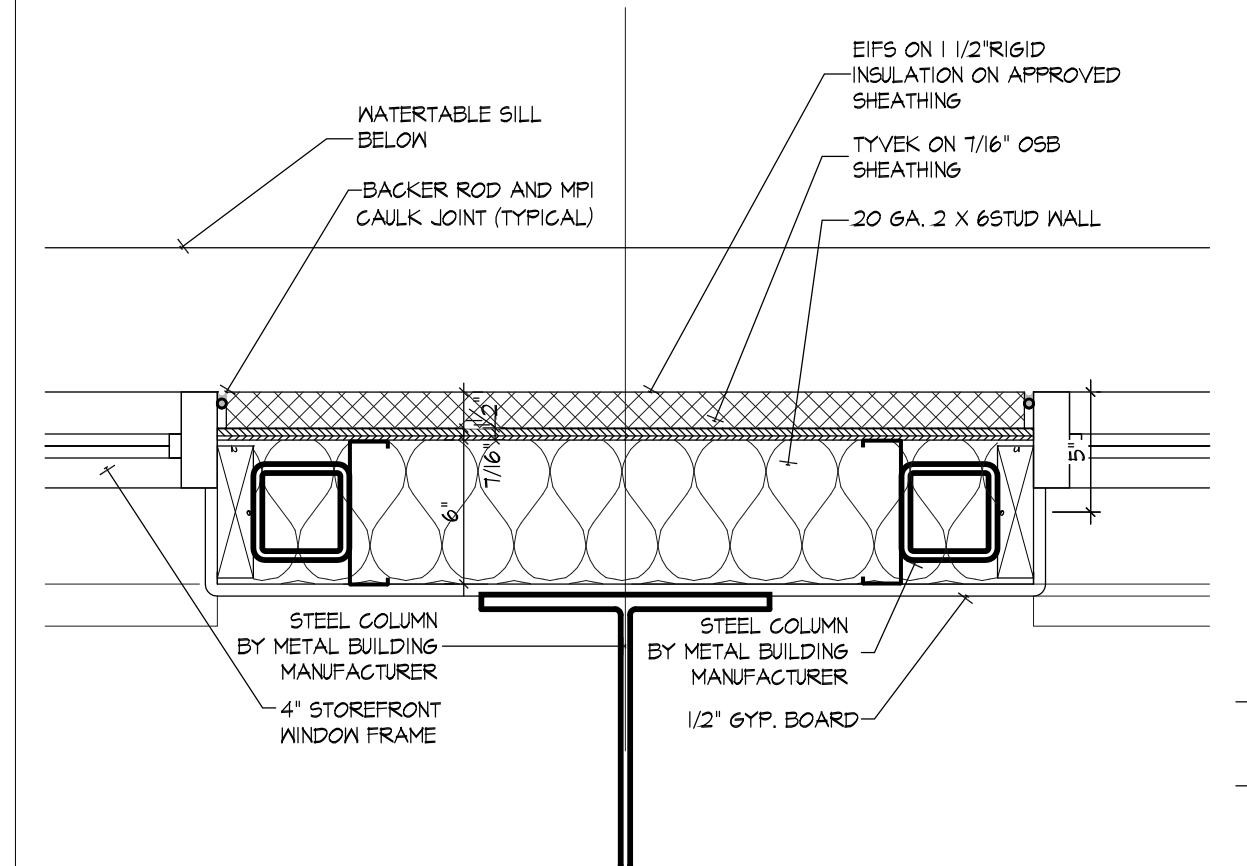
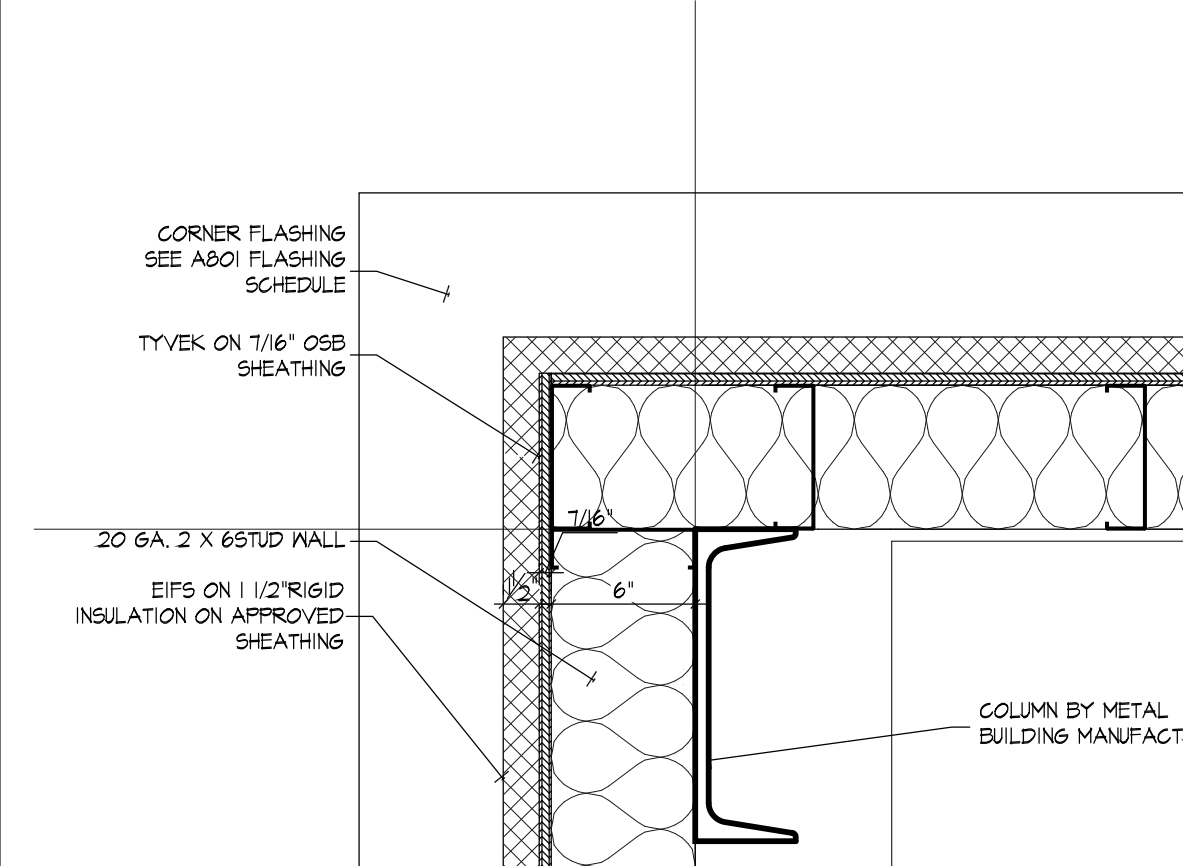
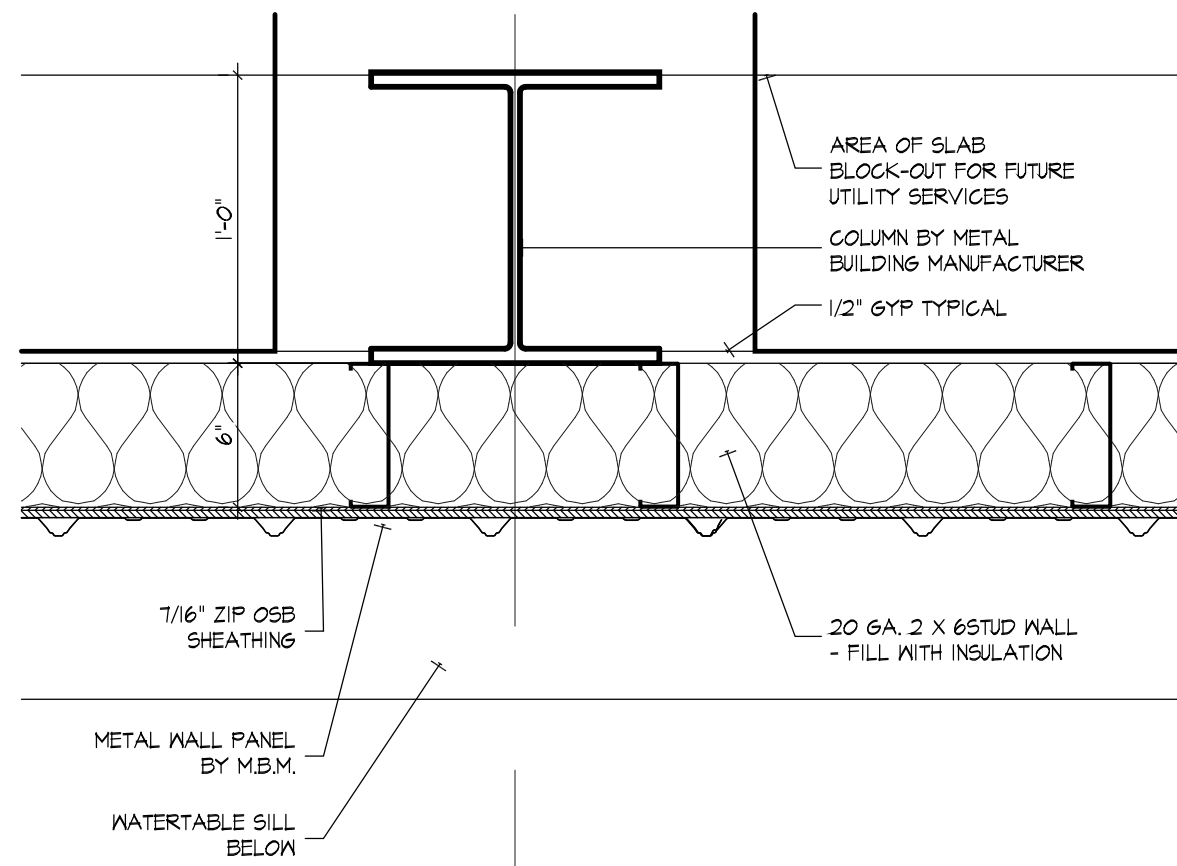
16 FRAMING DETAIL
A402 Scale : 1 1/2"=1'-0"

17 FRAMING DETAIL
A402 Scale : 1 1/2"=1'-0"

18 FRAMING DETAIL
A402 Scale : 1 1/2"=1'-0"

19 FRAMING DETAIL
A402 Scale : 1 1/2"=1'-0"

20 FRAMING DETAIL
A402 Scale : 1 1/2"=1'-0"



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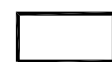
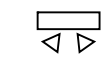
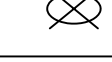
STUCKEY BUILDING
LOT 3 VINEYARDS
LOWELL, ARKANSAS

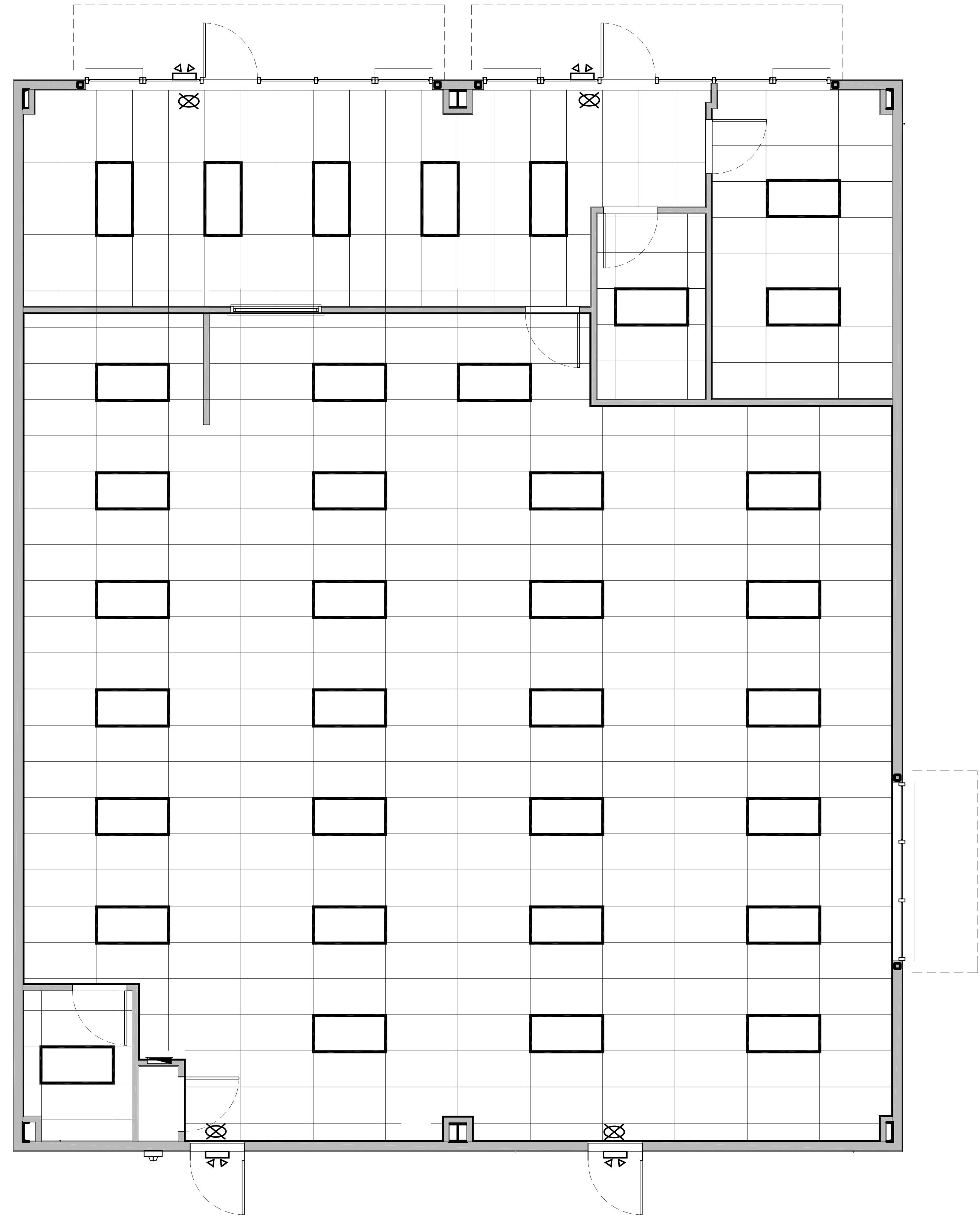
SUBMITTAL Date: -- / -- / --

Description:	STUCKEY BUILDING
Location:	LOWELL, ARKANSAS
Sheet Content:	
Sheet:	A402
Document Date:	May 2, 2014

Last Edited By: KFN
F:_JOBFILES_TEMP\KEITHWHEELER_JOB_FILES\VAR_LOWELL_STUCKEY_JR\STUCKEY BUILDING_4-21-14_JRDWG

REFLECTED CEILING PLAN LEGEND

	RECESSED 2'X4' LAY-IN FLORESCENT LIGHT
	EMERGENCY LIGHT
	EXIT LIGHT



REFLECTED CEILING PLAN
 Scale : 1/4"=1'-0"

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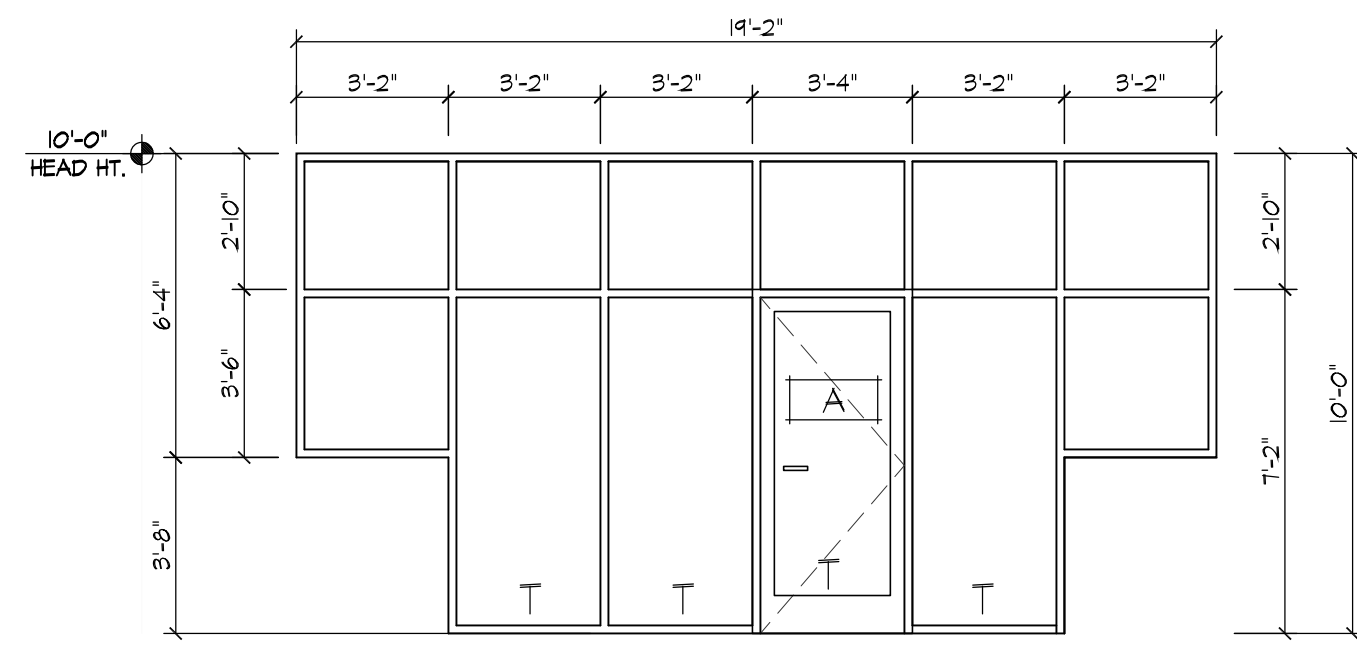
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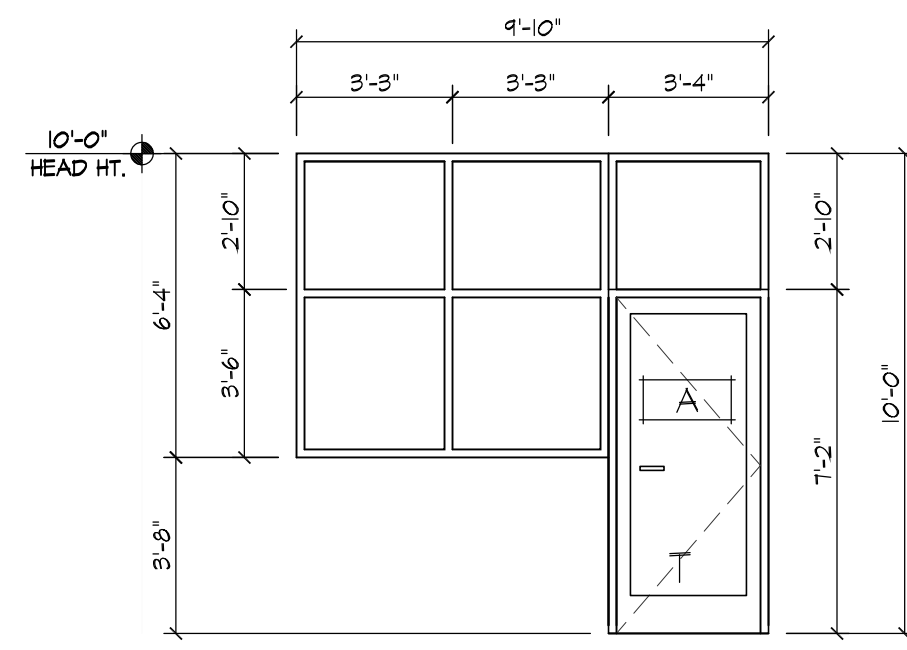
STUCKEY BUILDING
 LOT 3 VINEYARDS
 LOWELL, ARKANSAS

SUBMITTAL Date: -- / -- / ----

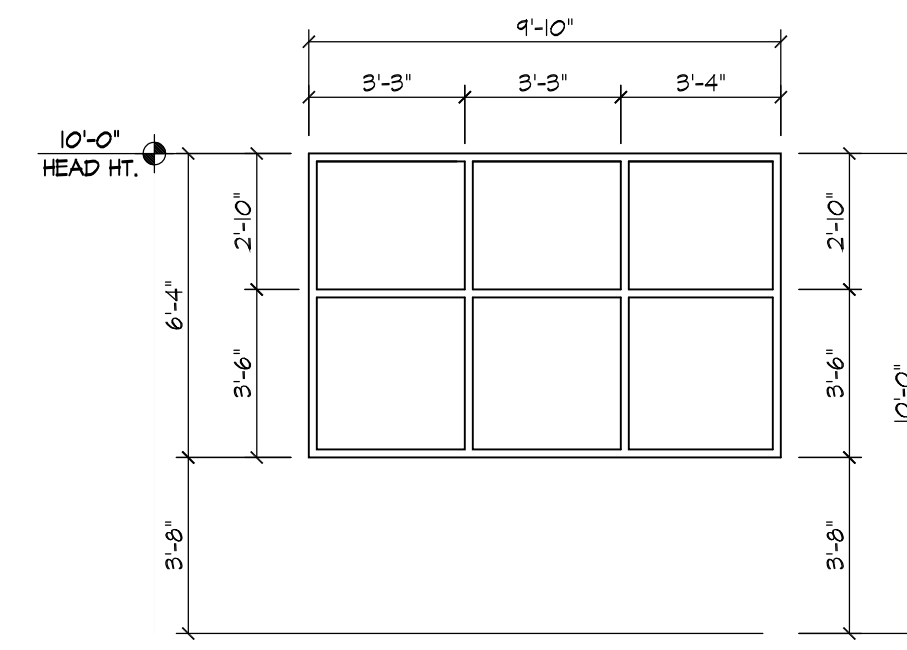
Description:	STUCKEY BUILDING
Location:	LOWELL, ARKANSAS
Sheet Content:	
Sheet:	A501
Document Date:	May 2, 2014



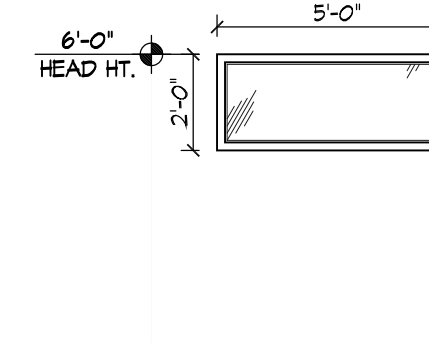
101 STOREFRONT SYSTEM IN 2X4 ALUMINUM FRAME WITH 1" INSULATED GLASS - USE COLOR: MESA BROWN ON ALUMINUM FRAME



102 STOREFRONT SYSTEM IN 2X4 ALUMINUM FRAME WITH 1" INSULATED GLASS - USE COLOR: MESA BROWN ON ALUMINUM FRAME

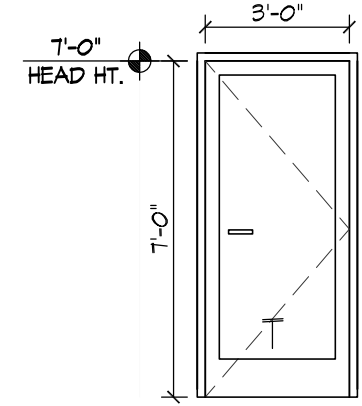


103 STOREFRONT SYSTEM IN 2X4 ALUMINUM FRAME WITH 1" INSULATED GLASS - USE COLOR: MESA BROWN ON ALUMINUM FRAME

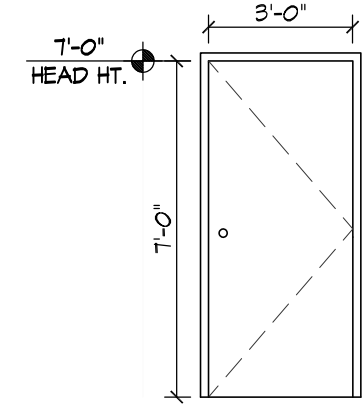


201 ONE-WAY GLASS WINDOW TO SEE INTO CLASSROOM

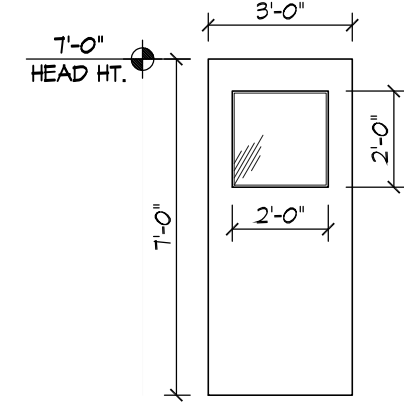
WINDOW TYPES
Scale: 3/16"=1'-0"



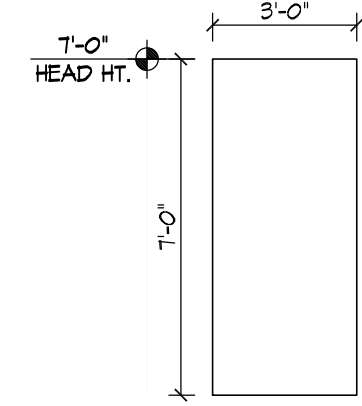
A 3'-0" X 7'-0" STOREFRONT DOOR WITH TEMPERED/INSULATED 1" GLASS IN 2X4 COLOR: MESA BROWN STOREFRONT FRAME



B 3'-0" X 7'-0" HOLLOW METAL DOOR (PAINT) IN HOLLOW METAL FRAME (PAINT TO MATCH)

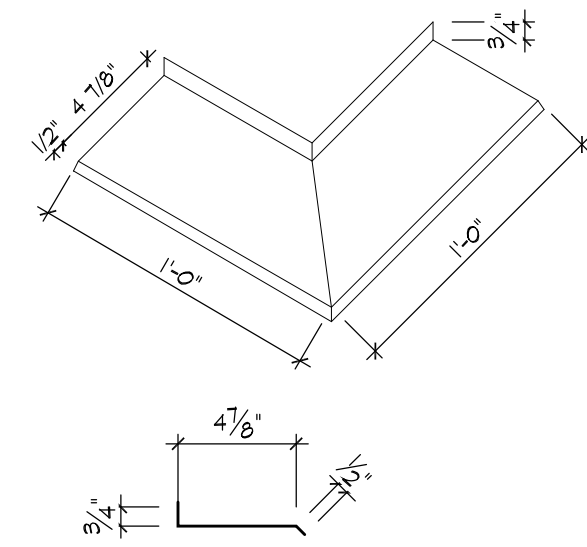


C HALF LITE HOLLOW METAL DOOR IN HOLLOW METAL FRAME TO PAINT

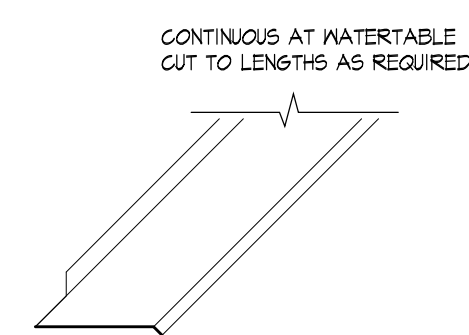


D HOLLOW METAL DOOR IN HOLLOW METAL FRAME TO PAINT

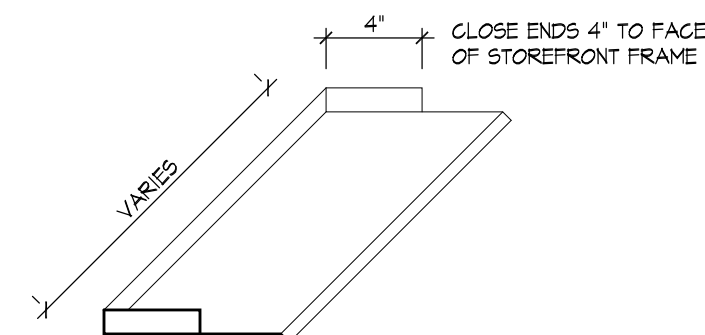
DOOR TYPES
Scale: 3/16"=1'-0"



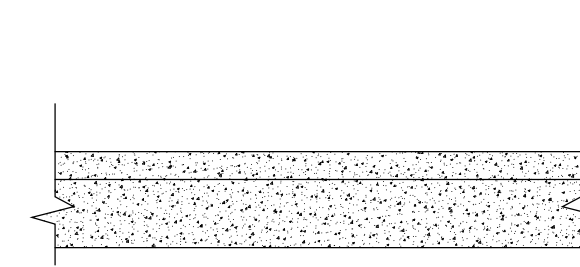
CORNER FLASHING



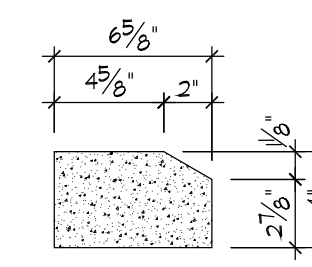
CONTINUOUS WATERTABLE FLASHING
CUT TAB TO ALLOW FLASHING TO EXTEND UNDER WINDOW SILL FLASHING AND/OR CORNER FLASHING WHERE PRESENT.



WINDOW SILL FLASHING PROFILE
FLASHING TO RETURN AT EACH END 4" TO FACE OF STOREFRONT WINDOW FRAME



CAST STONE GAP PROFILE
CUT STONE GAP TO LENGTHS AS REQUIRED SEE ELEVATION AND PLAN FOR CLARIFICATION



CAST STONE GAP SECTION

FLASHING SCHEDULE
Scale: 3/16"=1'-0"

PRE-CAST SCHEDULE
Scale: 3/16"=1'-0"

Windows			
ALL Window Sizes are Generic			
ID	Size		Description
	Width	Height	
101	19'-2"	10'-0"	STOREFRONT SYSTEM IN 2X4 ALUM. FRAME WITH 1" INSUL. GLASS - BRUSHED ANODIZED FINISH ON ALUM. FRAME
102	9'-10"	10'-0"	STOREFRONT SYSTEM IN 2X4 ALUM. FRAME WITH 1" INSUL. GLASS - BRUSHED ANODIZED FINISH ON ALUM. FRAME
103	6'-4"	10'-0"	STOREFRONT SYSTEM IN 2X4 ALUM. FRAME WITH 1" INSUL. GLASS - BRUSHED ANODIZED FINISH ON ALUM. FRAME
201	5'-0"	2'-0"	ONE-WAY GLASS WINDOW TO SEE INTO CLASSROOM - USE ALUMINUM FRAME WITH BRUSHED ANODIZED FINISH

WINDOW SCHEDULE NOTES:
USE TEMPERED GLASS WHERE INDICATED IN THE WINDOW SCHEDULE. USE INSULATED GLASS (TYPICAL) UNLESS TEMPERED GLASS IS INDICATED IN THE SCHEDULE.
T - INDICATES WHERE TEMPERED GLASS IS REQUIRED

Doors			
ALL Door Sizes are Generic			
ID	Size		Description
	Width	Height	
A	3'-0"	7'-0"	STOREFRONT DOOR WITH TEMPERED/INSULATED 1" GLASS IN 2X4 BRUSHED ANODIZED ALUM. STOREFRONT FRAME
B	3'-0"	7'-0"	HOLLOW MTL. DOOR (PAINT) IN HOLLOW METAL FRAME (PAINT TO MATCH)
C	3'-0"	7'-0"	HALF LITE HOLLOW METAL DOOR IN HOLLOW MTL. FRAME (PAINT TO MATCH)
B	3'-0"	7'-0"	HOLLOW METAL DOOR IN HOLLOW METAL FRAME (PAINT TO MATCH)

DOOR SCHEDULE NOTES:
USE TEMPERED GLASS WHERE INDICATED IN THE DOOR SCHEDULE. USE INSULATED GLASS (TYPICAL) UNLESS TEMPERED GLASS IS INDICATED IN THE SCHEDULE.
T - INDICATES WHERE TEMPERED GLASS IS REQUIRED

REV	DATE	DESCRIPTION	BY	CHKD	APP'D
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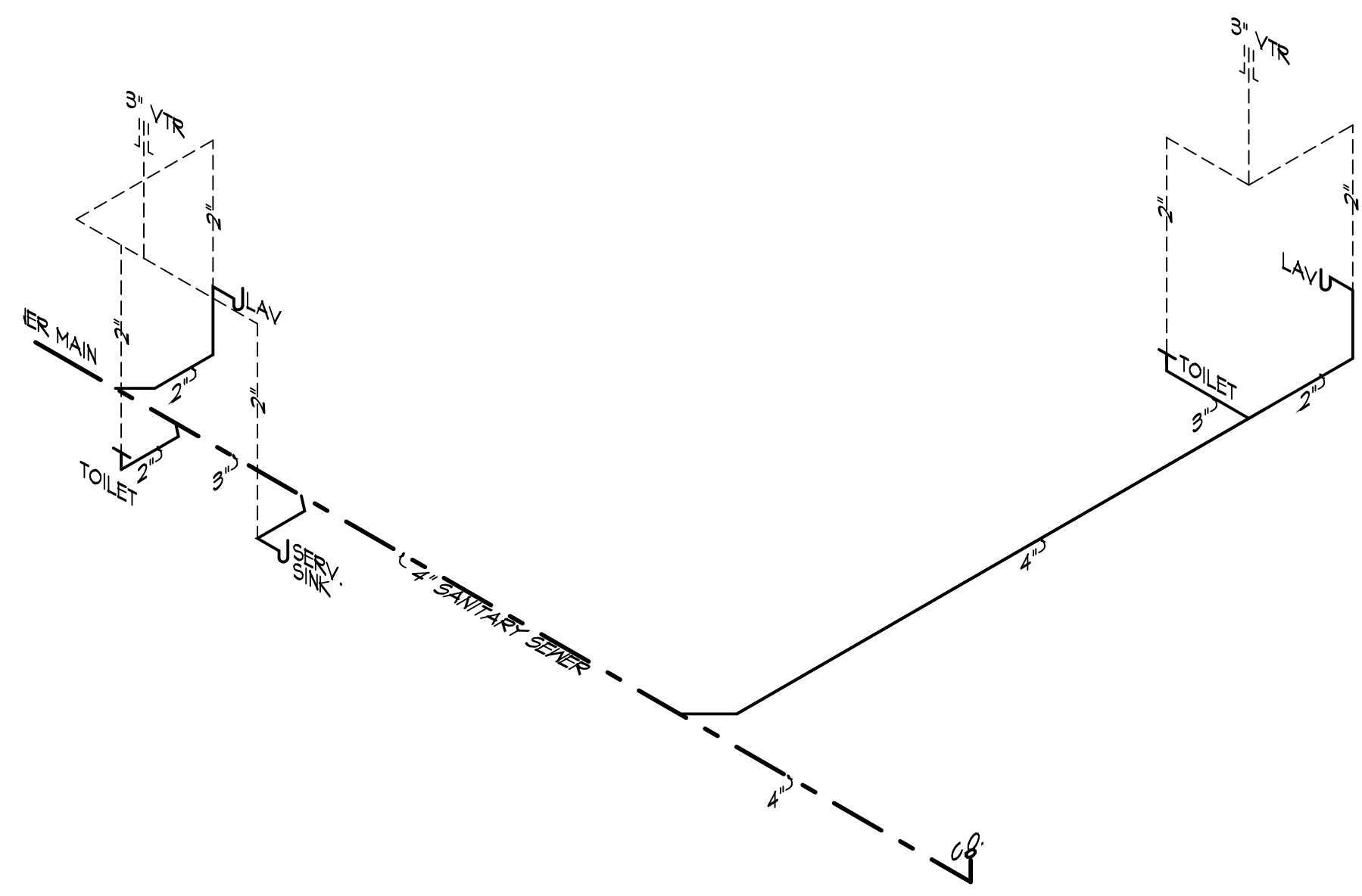
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KIM.FUGITT@FUGITTARC.COM

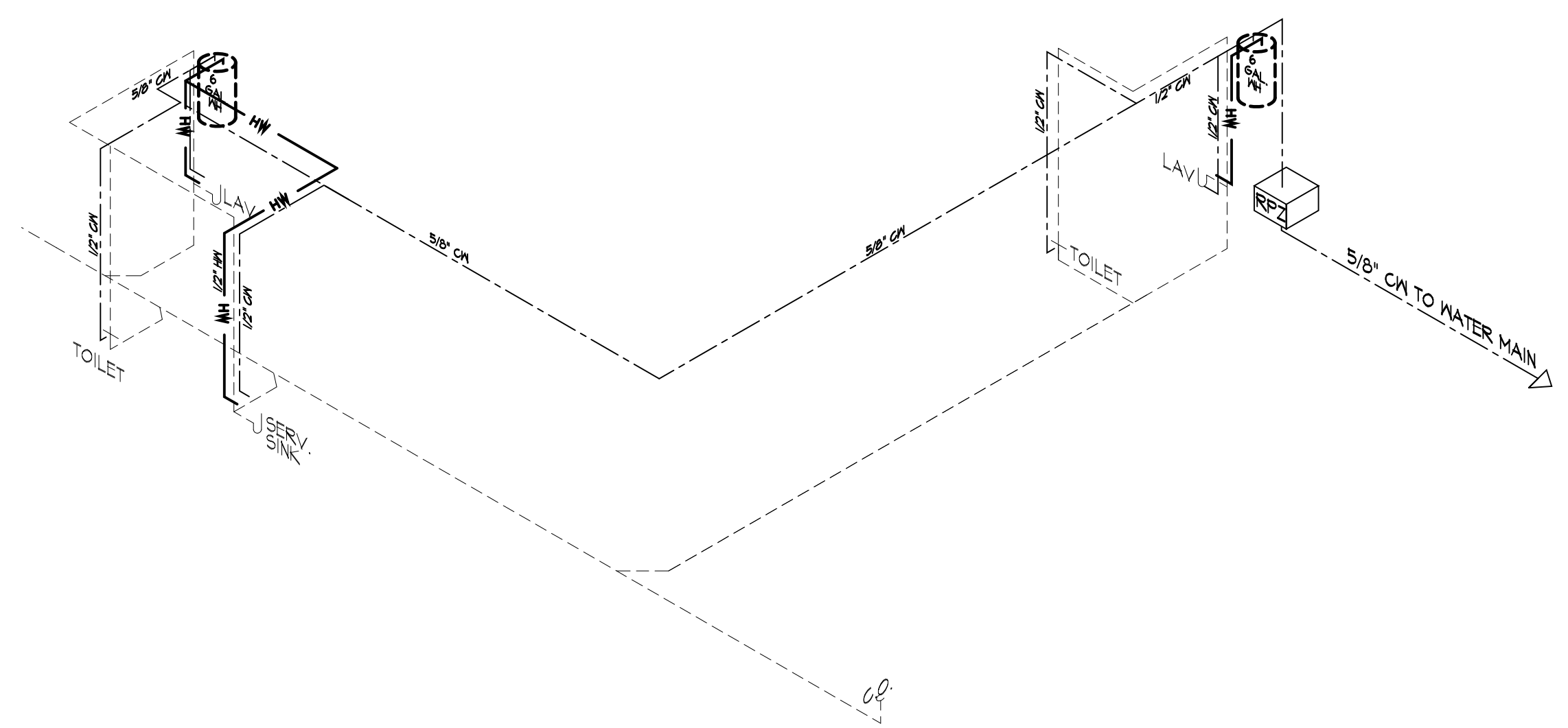
STUCKEY BUILDING
LOT 3 VINEYARDS
LOWELL, ARKANSAS

SUBMITTAL Date: -- / -- / ----

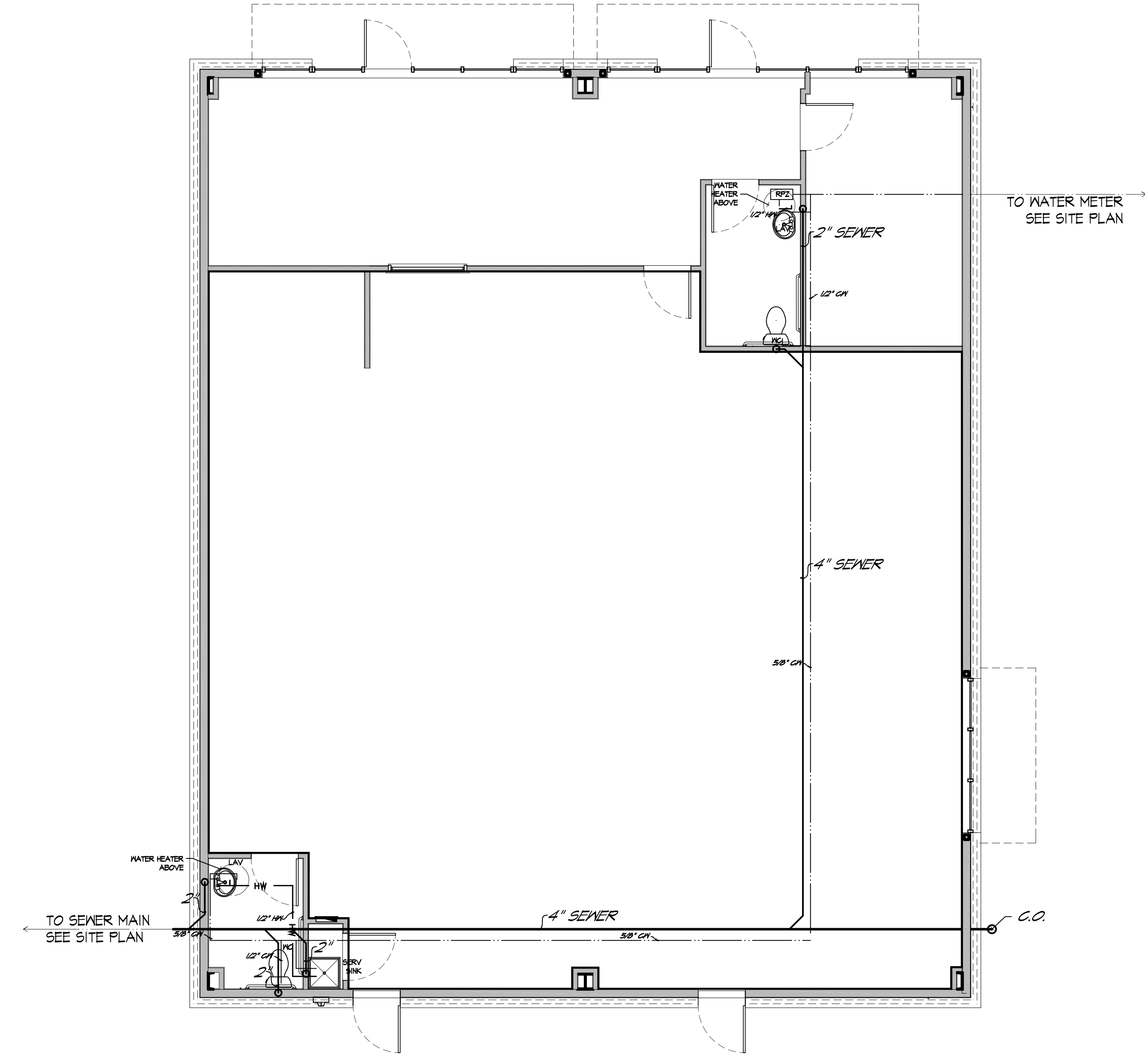
Description: STUCKEY BUILDING
Location: LOWELL, ARKANSAS
Sheet Content:
Sheet: A801
Document Date: May 2, 2014



2 SEWER RISER DIAGRAM
 Scale : NTS



3 SUPPLY RISER DIAGRAM
 Scale : NTS



1 PLUMBING PLAN
 Scale : 3/16"=1'-0"

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 KIM.FUGITT@FUGITTARC.COM

STUCKEY BUILDING
 LOT 3 VINEYARDS
 LOWELL, ARKANSAS

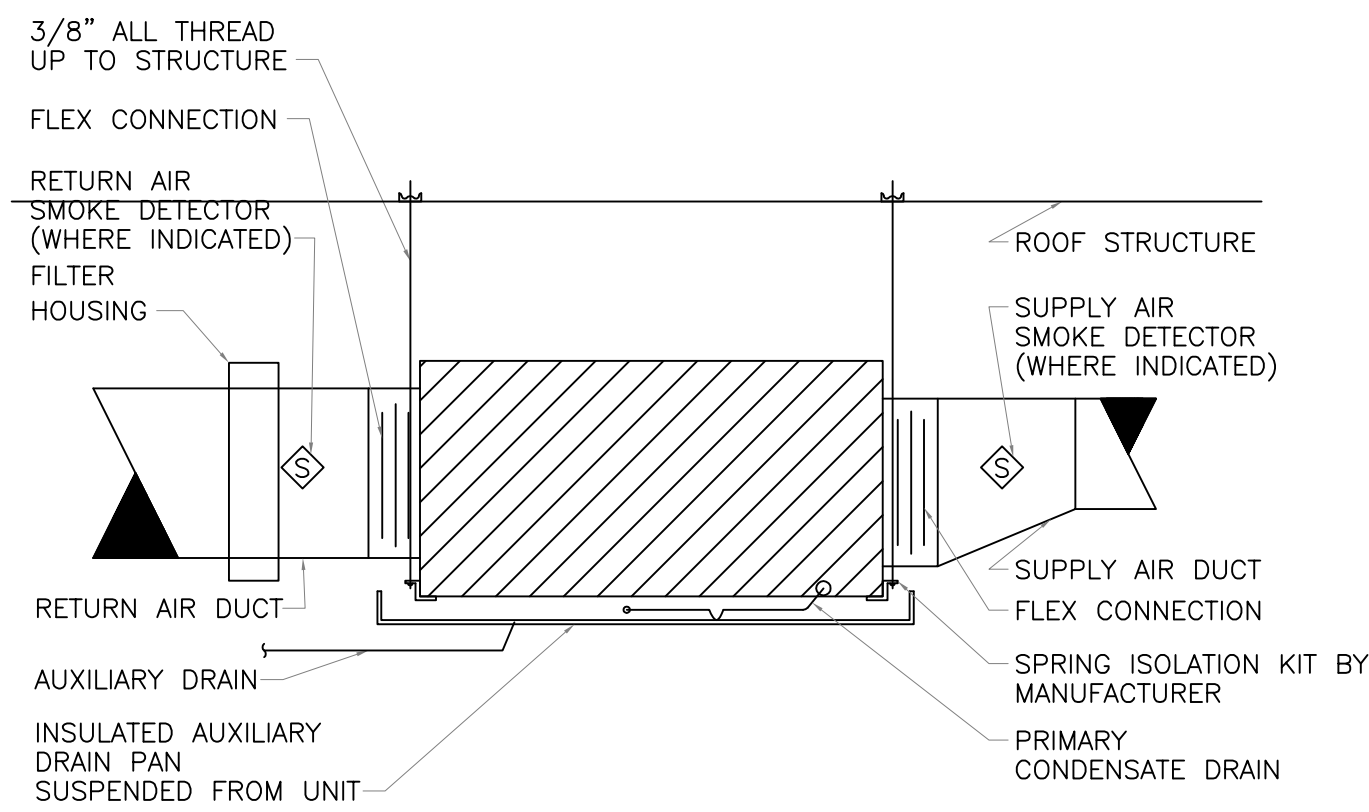
SUBMITTAL Date: -- / -- / --

Description:
 STUCKEY BUILDING

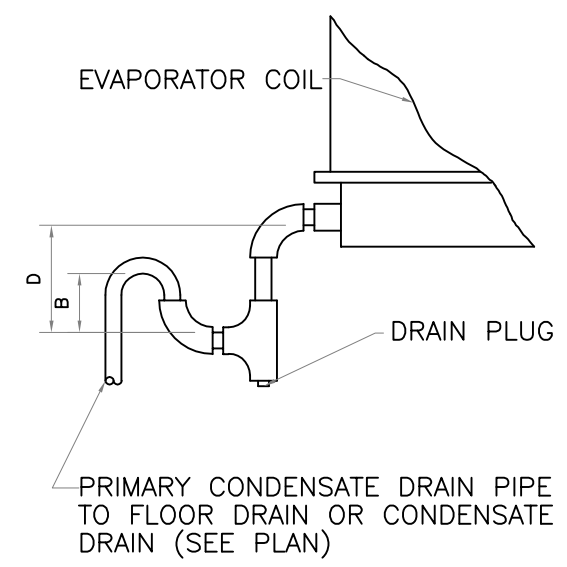
Location:
 LOWELL, ARKANSAS

Sheet Content:
P101

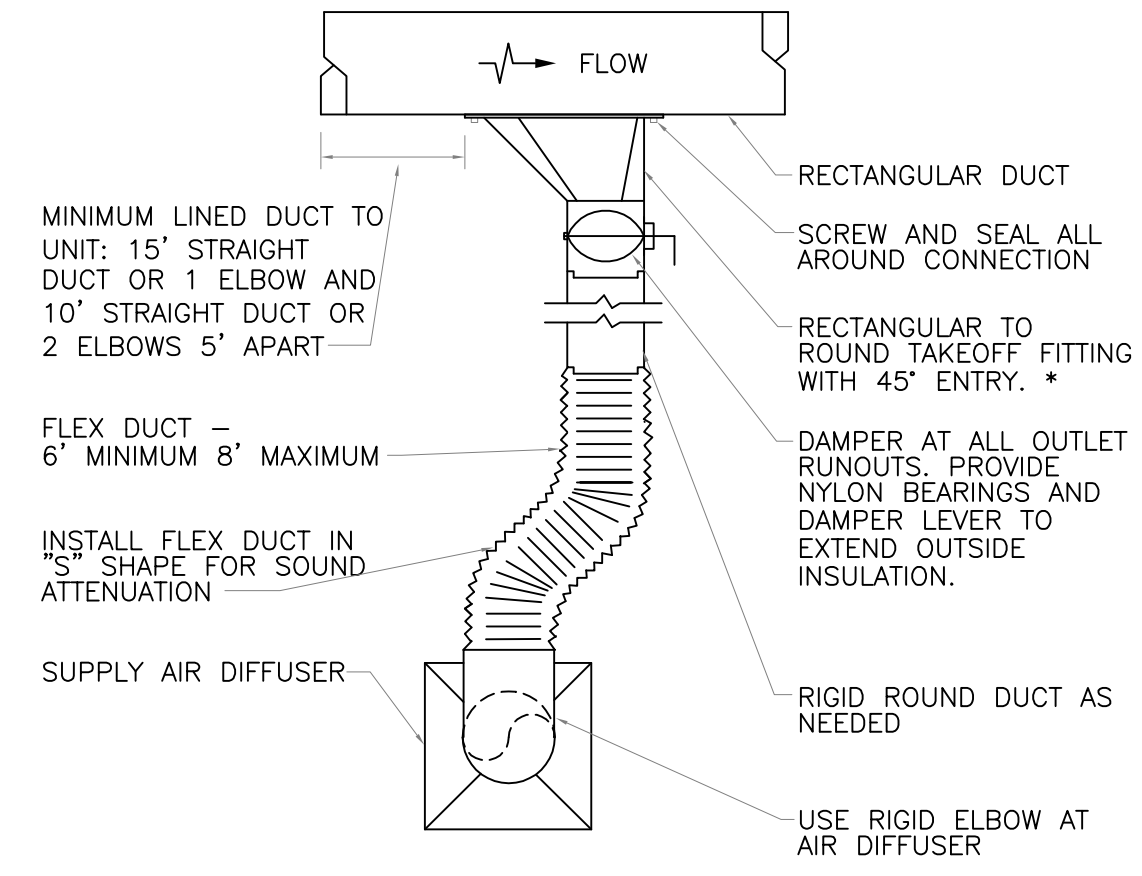
Document Date:
 May 2, 2014



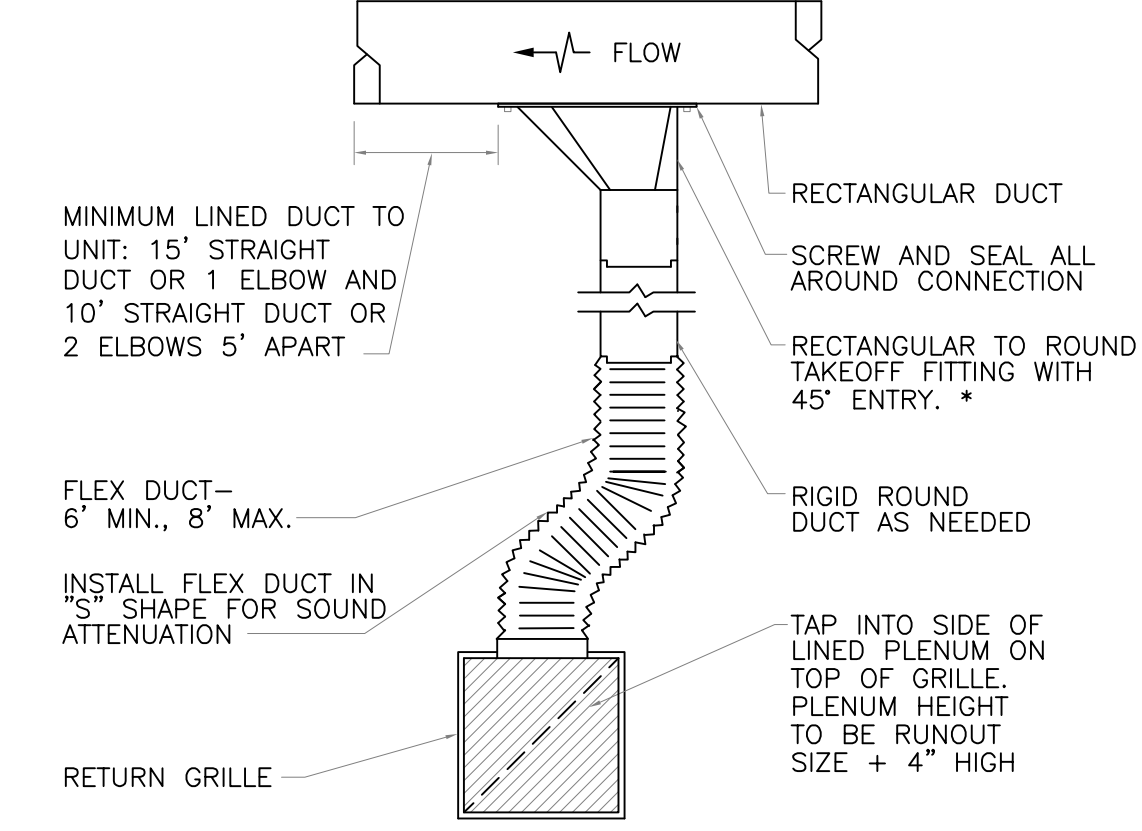
A AIR HANDLING UNIT HANGING SUPPORT
Scale: N.T.S.



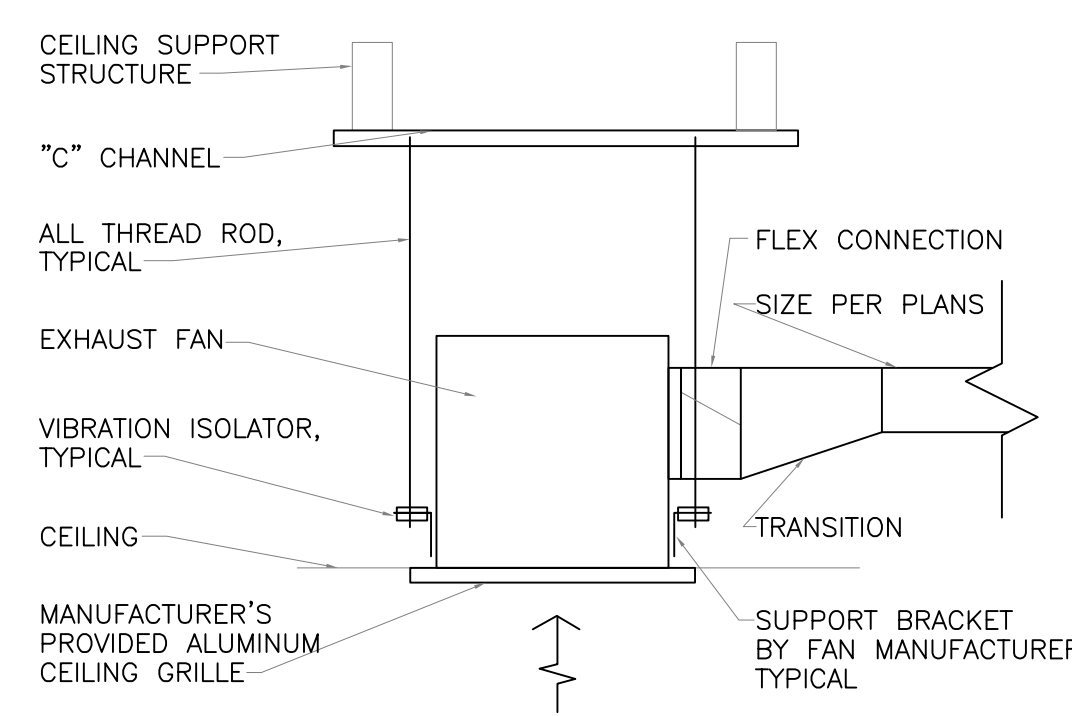
B CONDENSATE TRAP
SCALE: N.T.S.



D LOW PRESSURE DUCT RUNOUT
SCALE: N.T.S.



E RETURN AIR DUCT RUNOUT
SCALE: N.T.S.



C CEILING MOUNTED CABINET FAN
SCALE: N.T.S.

SERVICE	DUCT TYPE
RESTROOM EXHAUST DUCTS, GRILLE	ROUND DUCT WITH INSULATION WRAP PER INSULATION SCHEDULE.
RESTROOM EXHAUST DUCTS, BEYOND 10' FROM EXHAUST GRILLE	ROUND WRAPPED, OR RECTANGULAR LINED, AS INDICATED ON THE PLANS
ALL LOW PRESSURE SUPPLY AND RETURN AIR RECTANGULAR DUCTS	RECTANGULAR DUCT WITH LINER PER INSULATION SCHEDULE.
ALL ROUND RUNOUTS TO SUPPLY DIFFUSERS AND RETURN GRILLES	ROUND PER PLANS

SERVICE	INSULATION TYPE	THICKNESS
RECTANGULAR EXHAUST DUCTS, ROUND AIR DUCTS	DUCT WRAP	1"
KITCHEN HOOD EXHAUST	SEE DETAIL	2"
COPPER COOLING CONDENSATE DRAIN, REFRIG SUCTION	ELASTOMERIC	3/8"
RECTANGULAR SUPPLY AIR DUCTS	ACOUSTIC LINER	1"

SERVICE	PIPING TYPE
EQUIPMENT DRAINS, OVERFLOWS	TYPE "L" HARD COPPER OUTDOORS, PVC INDOORS
REFRIGERANT PIPING	COPPER REFRIGERANT PIPING

MARK	DESCRIPTION	MFGR.	MODEL	DRIVE	CFM	SP	FRPM	TSPD	VOLT/PH	hp / w	SDNES	CONTRL TYPE	ACCESSORIES	REMARKS
EF-1	CABINET EXHAUST FAN	COOK	GC-160	DIRECT	150	0.25	1308	2397	120/1	87.6 w	3.9	SWITCHED WITH LIGHTS	a, c, e	
EF-2	CABINET EXHAUST FAN	COOK	GC-140	DIRECT	75	0.25	1060	1776	120/1	42.4 w	0.7	CONSTANT OPERATION	a, d, e, f	

GENERAL REQUIREMENTS

- PROVIDE PREWIRED FACTORY MOUNTED INTEGRAL DISCONNECT DEVICE (NEMA 3R FOR EXTERIOR).
- PROVIDE PREWIRED VARIABLE SPEED CONTROLLER ON DIRECT DRIVE FANS.
- PROVIDE WALL SLEEVE, FAN GUARD, EXTERIOR WEATHER HOOD AND MOTORIZED DAMPER WITH TIME DELAY CONTROLS ON ALL WALL MOUNTED PROPELLER FANS.
- PROVIDE ROOF CURB TO MATCH ROOF TYPE AND SLOPE AT ALL ROOF MOUNTED FANS.

FAN ACCESSORIES LEGEND

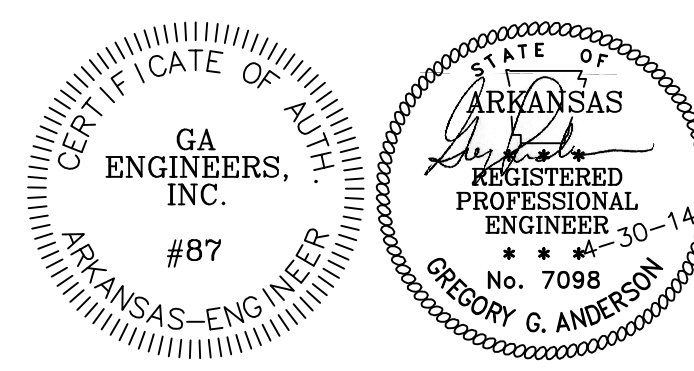
a. PROVIDE BACK DRAFT DAMPER.	c. PROVIDE SPUN ALUMINUM VENT CAP, COOK MODEL "PR" WITH ROOF CURB.
b. PROVIDE MOTORIZED DAMPER WITH TIME DELAY FAN START. MECHANICAL CONTRACTOR RESPONSIBLE FOR INSTALLING FAN, ROOF CURB, BACK DRAFT DAMPER, AND ALL INTERNAL POWER AND CONTROL WIRING AS REQUIRED TO PROVIDE FULLY OPERATIONAL FAN AND DAMPER.	d. PROVIDE MANUFACTURER'S BRICK VENT.
	e. PROVIDE MANUFACTURER'S WHITE ALUMINUM GRILLE.
	f. PROVIDE BIRD SCREEN.
	g. PROVIDE ISOLATOR KIT.
	h. PROVIDE MANUFACTURER'S WALL CAP.

MARK	DESCRIPTION	MFGR., MODEL	AREA SERVED	NOM. TONS	SEER	VOLTS/PHASE	FLA	MCA	MOCP	WT. LBS	ACCESSORIES	REMARKS
CU-1,2	CONDENSING UNIT	TRANE	LEASE SPACE 1,2	5	13	208/ 3	19.4	24	40	295	COIL GUARD, LOW AMB CONTROL TXV, ANTI-RECYCLE TIMER.	

MARK	DESCRIPTION	MFGR., MODEL	DEPENDENT UNIT	AREA SERVED	NOM. TONS	DESIGN COOLING CFM	HEAT CFM	O/A CFM	E.S.P (IN.)	T.S.P (IN.)	COOL EAT/LAT	HEAT EAT/LAT	HEAT MBH IN	HEAT MBH OUT	VOLTS/PHASE	FAN HP	WT. LBS	CONTROL TYPE	ACCESSORIES	REMARKS
FU-1,2	FURNACE GAS-FIRED HORIZONTAL	TRANE TUH1D100960	CU-1,2	LEASE SPACE 1,2	5	2000	2000	200	.25	.50	72/55	70/95	100	95	115/1	3/4	185	PROG T-STAT	CONCENTRIC VENT KIT	PROVIDE 20"x25"x2" FILTER HOUSING

MARK	DESCRIPTION	MFGR./MODEL	MODEL	FACE SIZE	FRAME SIZE	NECK*	MATERIAL / FINISH	REMARKS
CD-1	CEILING DIFFUSER LOUVERED FACE, ADJUSTABLE	TITUS	TDCA	9x9 FACE	24x24 FRAME	6"	ALUMINUM / WHITE	LAY-IN, UP TO 110 CFM
CD-2	CEILING DIFFUSER LOUVERED FACE, ADJUSTABLE	TITUS	TDCA	18x18 FACE	24x24 FRAME	8"	ALUMINUM / WHITE	LAY-IN, UP TO 225 CFM
CD-3	CEILING DIFFUSER LOUVERED FACE, ADJUSTABLE	TITUS	TDCA	18x18 FACE	24x24 FRAME	10"	ALUMINUM / WHITE	LAY-IN, UP TO 400 CFM
RG-1	RETURN GRILLE EGGCRATE CORE 1/2x1/2x1/2	TITUS	50F	22x46 FACE	24x48 FRAME	22x46	ALUMINUM / WHITE	LAY-IN, UP TO 3000 CFM
EG-1	EXHAUST GRILLE EGGCRATE CORE 1/2x1/2x1/2	TITUS	50F	12x12 FACE	24x24 FRAME	12x12	ALUMINUM / WHITE	LAY-IN, UP TO 400 CFM
WL-1	WALL LOUVER, WEATHER PROOF	RUSKIN	ELF 375	18x18 FACE	22x22 FRAME	18x18	ALUMINUM / BRONZE ANND. INSECT SCREEN ON OUTSIDE.	

COORDINATE AIR DEVICE DEFLECTION ADJUSTMENTS WITH MECHANICAL ENGINEER DURING AIR BALANCE.



REV	DATE	DESCRIPTION	ISSUED

GA ENGINEERS, Inc.
2941 S. COLLEGE Dr.
FAYETTEVILLE, AR 72705
PH: 479-601-3331
EMAIL: ga@gaenr.com

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479.521.6686
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KUMON LEARNING CENTER
LOWELL, AR

Description: STUCKEY BUILDING
Location: LOWELL, AR
Sheet Content: MECHANICAL SCHEDULES AND DETAILS
Sheet: M201
Document Date: APRIL 30, 2014

RECEPTACLE SCHEDULE

SYMBOL	DESCRIPTION	MFGR.	MODEL	NEMA	MOUNTING HEIGHT AFF	REMARKS
⊖	DUPLEX W/ BACK & SIDE WIRE	HUBBELL	HBL 5352	5-20R	1'-6" TO TOP	-
WP⊖	WATER PROOF DUPLEX W/ BACK & SIDE WIRE	HUBBELL	HBL 5352	5-20R	1'-6" TO TOP	-
⊖	ABOVE COUNTER DUPLEX	HUBBELL	HBL 5352	5-20R	3'-6" TO TOP OR AS SPECIFIED ON DRAWINGS	COORDINATE MOUNTING HEIGHT WITH ARCHITECT
⊖	SPECIAL	HUBBELL	SPECIFICATION GRADE OR BETTER	REF. DRAWING	1'-6" TO TOP OR AS SPECIFIED ON DRAWINGS	PROVIDE NEMA TYPE COMPATIBLE W/ PLUG CONFIGURATION OF APPLIANCE OR EQUIPMENT.
⊗	DUPLEX GFCI W/ BACK & SIDE WIRE, TEST & RESET BUTTON	HUBBELL	GF 5362	5-20R	1'-6" TO TOP	SET TRIP POINT AT 5 MA FAULT CURRENT.
⊗	ABOVE COUNTER GFCI DUPLEX W/ BACK & SIDE WIRE, TEST & RESET BUTTON	HUBBELL	GF 5362	5-20R	3'-6" TO TOP OR AS SPECIFIED ON DRAWINGS	SET TRIP POINT AT 5 MA FAULT CURRENT.
⊗	GFCI QUADRUPLEX W/ BACK & SIDE WIRE, TEST & RESET BUTTON	HUBBELL	GF 5362	5-20R	1'-6" TO TOP	SET TRIP POINT AT 5 MA FAULT CURRENT.
⊗	QUADRUPLEX W/ BACK & SIDE WIRE	HUBBELL	HBL 5352	5-20R	1'-6" TO TOP	-
TV⊖	OVERHEAD TV RECEPTACLE	HUBBELL	HBL 5352		9' TO TOP	MOUNTED 10' ABOVE FINISHED FLOOR
P⊖	OVERHEAD PROJECTOR	HUBBELL	HBL 5352	5-20R	16'-8" TO TOP	CEILING PROJECTOR IN 106 - FIXED SCREEN

NOTE: 1. PROVIDE COVER PLATE AND ANY ACCESSORIES NEEDED FOR COMPLETE INSTALLATION OF RECEPTACLE.
2. COORDINATE COLOR OF ALL DEVICE AND COVER PLATES WITH ARCHITECT.
3. COORDINATE ALL MOUNTING HEIGHTS WITH ARCHITECT

SWITCH SCHEDULE

SYMBOL	DESCRIPTION	MFGR.	MODEL	VOLTAGE RATING	AMPS	MOUNTING HEIGHT AFF	REMARKS
\$	SINGLE POLE	HUBBELL	HBL122	120-277V	20	4'-0" TO TOP AFF	PROVIDE HIGH CAPACITY SILVER ALLOY SWITCH CONTACTS
\$2	TWO POLE	HUBBELL		120-277V	20	4'-0" TO TOP AFF	PROVIDE HIGH CAPACITY SILVER ALLOY SWITCH CONTACTS
\$3	THREE-WAY	HUBBELL		120-277V	20	4'-0" TO TOP AFF	PROVIDE HIGH CAPACITY SILVER ALLOY SWITCH CONTACTS
\$D	DIMMER	LUTRON	NOVA T	120-277V	20	4'-0" TO TOP AFF	PROVIDE HIGH CAPACITY SILVER ALLOY SWITCH CONTACTS

NOTE: 1. PROVIDE COVER PLATE AND ANY ACCESSORIES NEEDED FOR COMPLETE INSTALLATION OF SWITCHING DEVICE.
2. COORDINATE COLOR OF DEVICE AND COVER PLATES WITH ARCHITECT.
3. PROVIDE OCCUPANCY SENSORS WITH POWER PACKS AS REQUIRED IN RESTROOMS, CORRIDORS & CLASSROOMS. POWER PACKS SHALL BE RATED FOR 277V SWITCHING. SET DELAY TO 15 MINUTES. PROVIDE POWER TO POWER PACKS FROM NEAREST 277V EMERGENCY CIRCUIT.

ELECTRICAL SERVICE: RISER DIAGRAM NOTES

- COORDINATE ALL SERVICE AND METERING DETAILS INCLUDING ANY RELOCATION OF EXISTING UTILITY LINES WITH POWER COMPANY. POWER COMPANY CONTACT: MR. LEVI LANE, CARROLL ELECTRIC, BENTONVILLE, AR 479-273-2421
- PAY ANY POWER COMPANY FEES CHARGED TO OWNER FOR SERVICE AND UTILITY LINE WORK ASSOCIATED WITH THIS PROJECT. THESE COSTS SHALL BE INCLUDED IN BIDS.
- FURNISH AND INSTALL MATERIALS FOR A TEMPORARY CONSTRUCTION SERVICE AS REQUIRED.
- FURNISH AND/OR INSTALL ALL REQUIRED MATERIAL AND LABOR IN COMPLIANCE WITH POWER COMPANY REQUIREMENTS TO PROVIDE A COMPLETE ELECTRICAL SERVICE, INCLUDING TRENCHING AND BACK FILLING, PRIMARY CONDUIT, CONCRETE TRANSFORMER PAD, SECONDARY CONDUITS AND CABLES, C.T. CABINET, AND GROUNDING SYSTEM.

PANELBOARD SCHEDULE

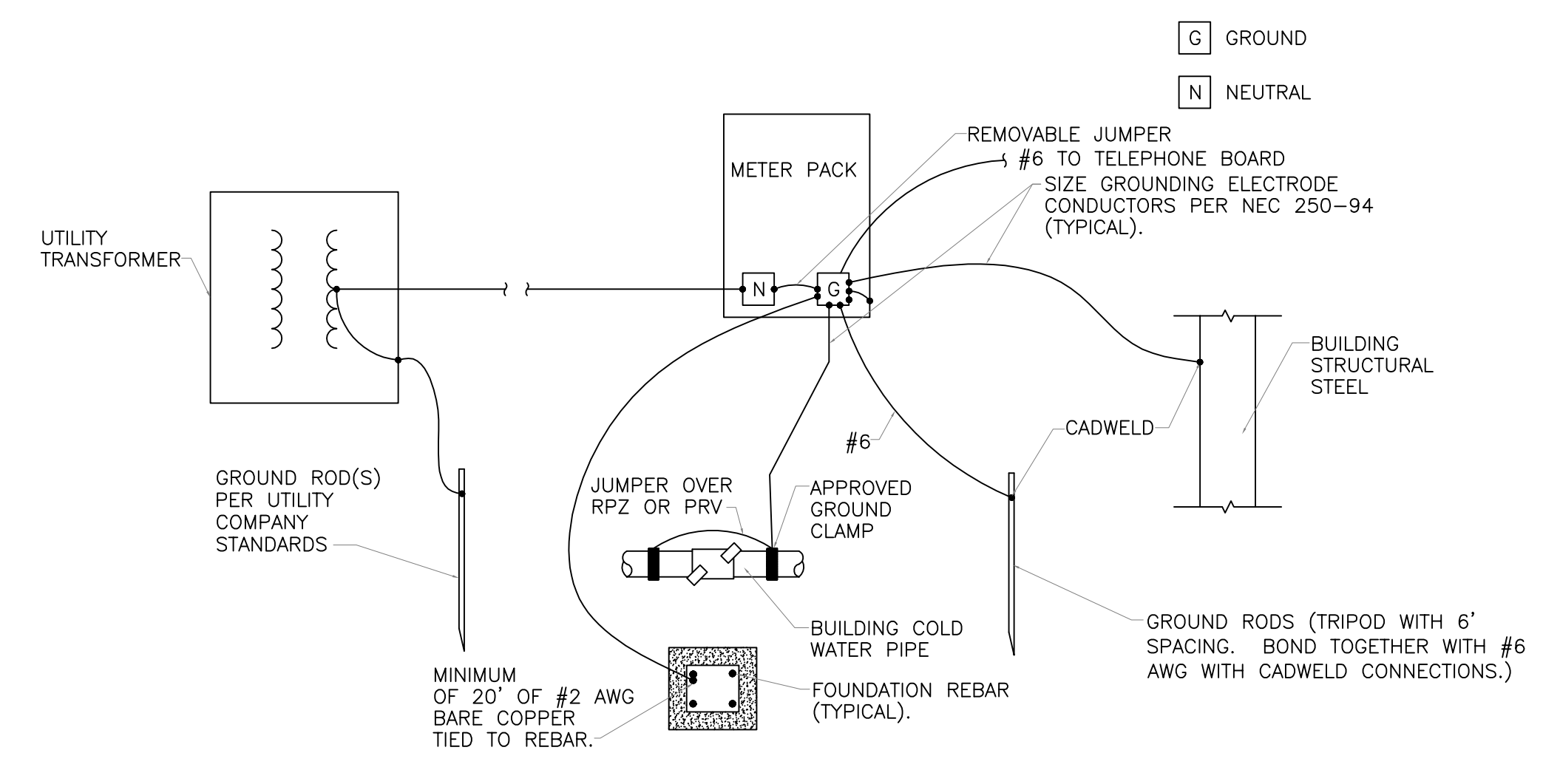
PANEL: T1 VOLTS: 120/208 AIC RATING: 22000
 MAIN: MCB 400 PHASE: 3 MOUNTING: RECESSED
 FEED: 400A FROM XFMR WIRE: 4 LOCATION: BACK WALL TEN 1

SQUARE D TYPE:

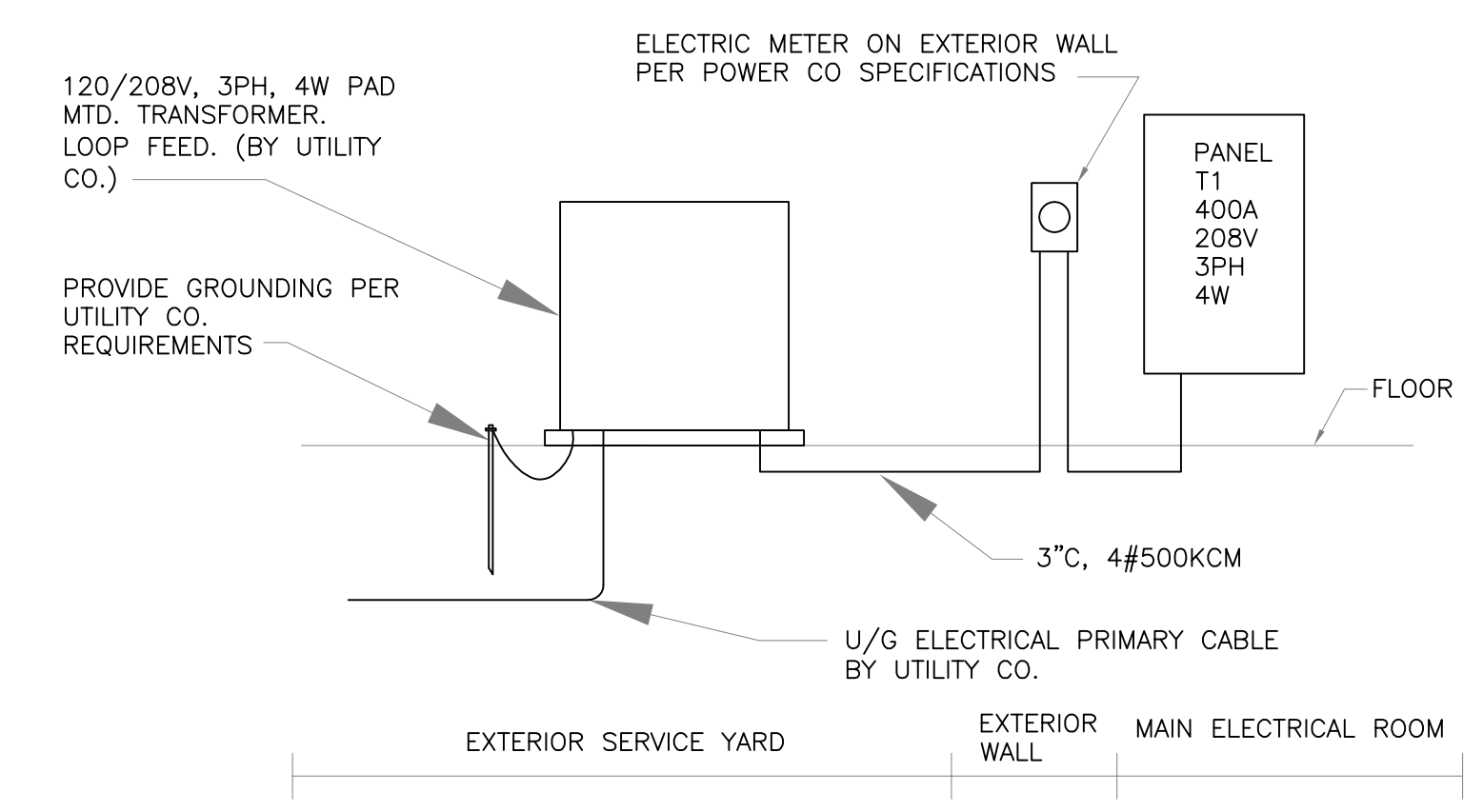
LOAD DESCRIPTION	WIRE	AWG.	BRKR	CCT.			KVA	CCT.	NO.	BRKR	WIRE	LOAD DESCRIPTION
				A	B	C						
RECEPT LIGHTS	12	20/1	1	0.8	1.4				2	20/1	12	CLASS WEST LTS
CLASS EAST LTS	12	20/1	3			1.5	1.2		4	20/1	12	FRONT RECEPTS
OFF RECEPT	12	20/1	5					1.2	1.0		6	SPARE
CU-1	8	40/3	7	2.3	1.0				8	20/1	12	AHU-1
	8	-	9			2.3	1.0		10	20/1	12	AHU-2
	8	-	11					2.3	0.0		12	SPARE
CU-2	8	40/3	13	2.3	0.0				14	20/1	12	SPARE
	8	-	15			2.3	0.0		16	30/1	12	SPARE
	8	-	17					2.3	0.0		18	SPACE & PROV
FRONT CAN LTS	12	20/1	19	0.2	1.4				20	20/1	12	MARKING LOT LTS
WH-1	10	30/1	21			2.0	0.0		22			SPACE & PROV
WH-2	10	30/1	23					2.0	0.0	24		SPACE & PROV
SPARE	12	20/1	25	0.0	0.0				26			SPACE & PROV
SPARE	12	20/1	27			0.0	0.0		28			SPACE & PROV
SPARE	12	20/1	29					0.0	0.0	30		SPACE & PROV
SPARE	12	20/1	31	0.0	0.0				32			SPACE & PROV
SPACE & PROV			33			0.0	0.0		34			SPACE & PROV
SPACE & PROV			35					0.0	0.0	36		SPACE & PROV
SPACE & PROV			37	0.0	0.0				38	200/3	--	FUTURE TEN
SPACE & PROV			39			0.0	0.0		40	--	--	--
SPACE & PROV			41					0.0	0.0	42	--	--

TOTALS
 5.6 3.8 8.1 2.2 7.8 1.0
 9.4 10.3 8.8

TOTAL CONNECTED KVA: 28.5
 MAX CONNECTED AMPS: 85.8
 NEC DEMAND AMPS: 82.8



(B) GROUNDING DETAIL - TYPICAL
N.T.S.



(A) ELECTRICAL RISER DIAGRAM
N.T.S.

REV	DATE	DESCRIPTION	ISSUED

GA ENGINEERS, Inc.
 2941 S. COLLEGE DR.
 FAYETTEVILLE, AR 72701
 PH: 479-601-3331
 EMAIL: ga@gaenr.com

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 1200 E. JOYCE BLVD.
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 479.521.6686
 KIM.FUGITT@FUGITTARC.COM

KUMON LEARNING CENTER
 LOWELL, AR
 City Approval Date: -- / -- / ----

CERTIFICATE OF AUTHORITY
 GA ENGINEERS, INC.
 #87
 ARKANSAS-ENGINEER

STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 No. 7098
 GREGORY G. ANDERSON

Description: STUCKEY BUILDING
 Location: LOWELL, AR
 Sheet Content: ELECTRICAL SCHEDULES AND DETAILS
 Sheet: E201
 Document Date: APRIL 30, 2014