

Childhood Services Building

Arkansas State University

Jonesboro, Arkansas



SCM

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Little Rock, Arkansas 72205
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www.scmarchitects.com

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Engineering Consultants, Inc.
401 West Capitol, Suite 305
Little Rock, Arkansas 72201

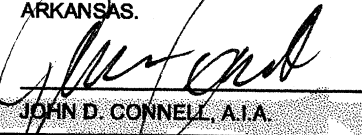
Electrical Engineers

Pettit & Pettit Consulting Engineers, Inc.
201 East Markham, Suite 400
Little Rock, Arkansas 72201

Civil Engineers

Haywood, Kenward, Bare And Associates, Inc.
3301 East Highland Drive
Jonesboro, Arkansas 72401

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 ARKANSAS FIRE PREVENTION CODE FOR THE STATE OF ARKANSAS.

 DATE: 5-22-02

JOHN D. CONNELL, A.I.A.

May 22, 2002

ARKANSAS STATE

UNIVERSITY

Contact People

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CONTRACT COORDINATOR ARKANSAS STATE UNIVERSITY

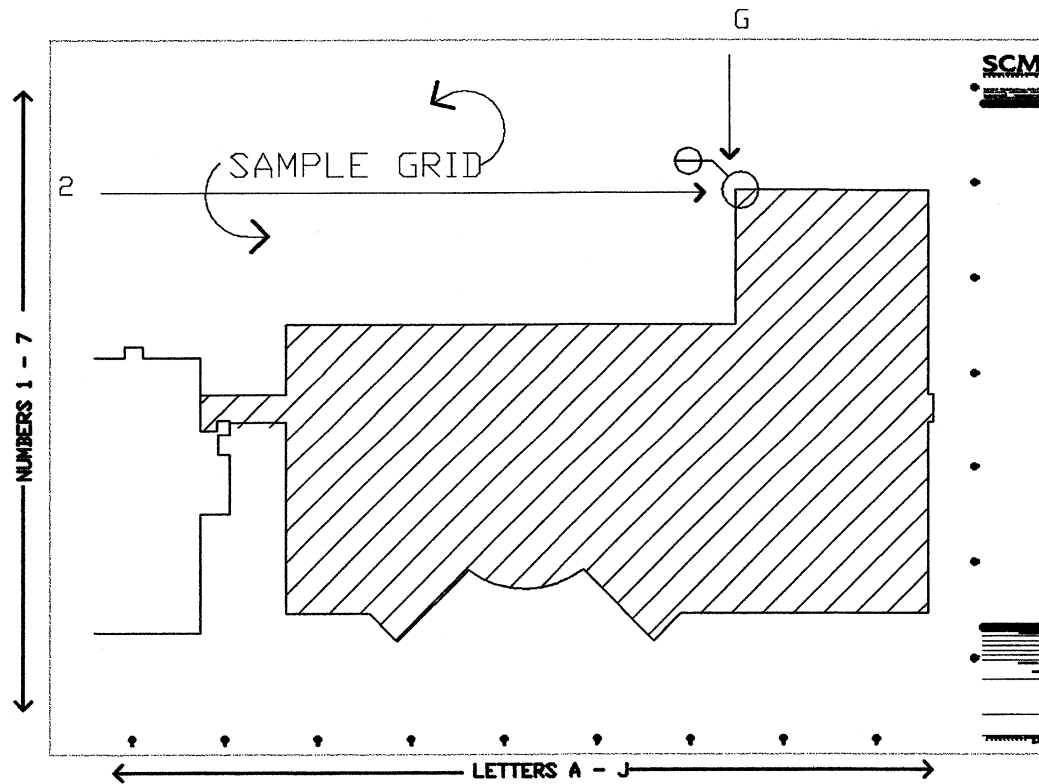
Terry Carly
ASU Facilities Management Department
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(870) 972-2066
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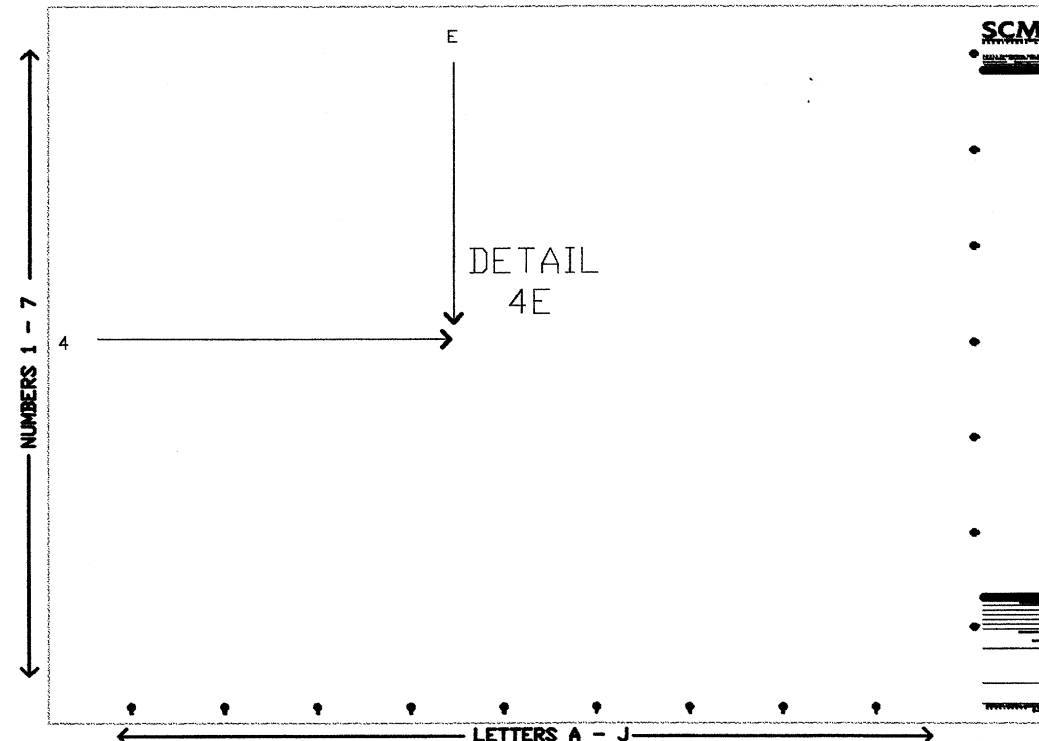
CSI CON DOC System Symbols Legend

PROJECT DRAWINGS ARE LAYED OUT USING THE CSI "CONDOC" SYSTEM.



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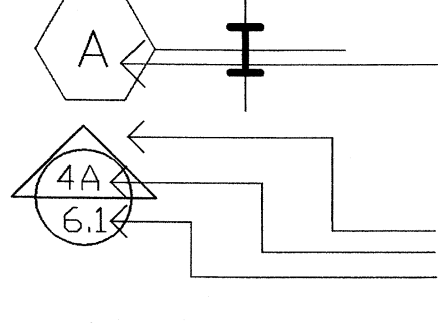
THE DRAWING SHEET IS BORDERED BY NUMBERS & LETTERS CREATING A GRID. THIS GRID IS USED TO LOCATE AREAS OF THE DRAWING FOR REFERENCE AND PINPOINT DETAILS ON PLANS. EXAMPLE: NOTE THE DETAIL SYMBOL ON THE SHEET. ITS LOCATION IS "3P". IN DISCUSSION YOU WOULD SAY "LOOK AT THE DETAIL LOCATED AT "3P" ON SHEET A1.1.



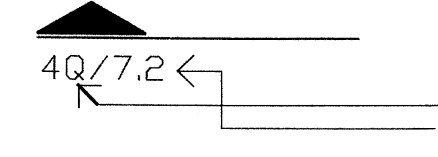
TYPICAL DETAIL SHEET:

THE DETAIL SHEET IS DIVIDED INTO DETAIL SQUARES. THE DETAIL NUMBER CORRESPONDS TO A GRID LOCATION ON THIS SHEET - SUCH AS 4A, 11H ETCETERA. THIS NUMBER IS KEYED INTO THE DETAIL SYMBOL. AND WOULD READ "7H - A17.1" AS THIS IS WHERE IT IS FOUND ON THE DETAIL SHEET.

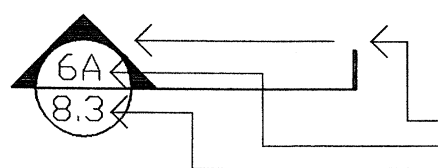
COLUMN GRID
(Sheets A1. to A5.)
Plans, Elevations, Building Sections
NEW COLUMN
(Numbers typ. run Horizontal)



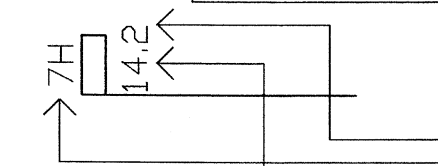
EXISTING COLUMN
(Letters typ. run Vertical)



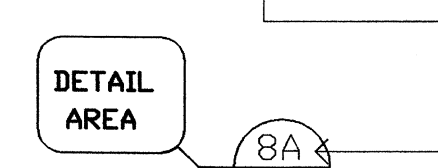
BUILDING ELEVATION
(See Plans, Building Sections and Building Elevations)
DIRECTION OF VIEW
ELEVATION LOCATION/NUMBER SHEET NUMBER



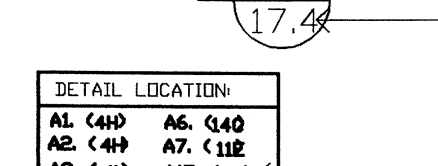
BUILDING SECTION
(See Plans, Building Sections and Building Elevations)
SECTION LOCATION/NUMBER SHEET NUMBER



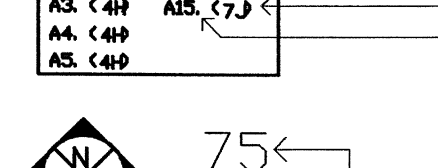
WALL SECTION
(See Plans, Building Sections and Building Elevations)
DIRECTION OF VIEW
SECTION LOCATION/NUMBER SHEET NUMBER



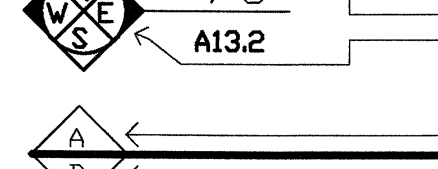
DETAIL SECTION
(See Plans, Interior Walls, Details & Casework Elevations)
DIRECTION OF VIEW
SECTION LOCATION/NUMBER SHEET NUMBER



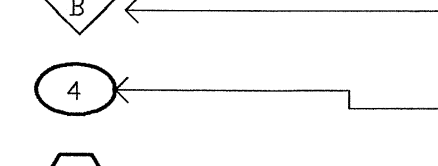
DETAIL
(See Sheets A8. to A17.)
DETAIL NUMBER SHEET NUMBER



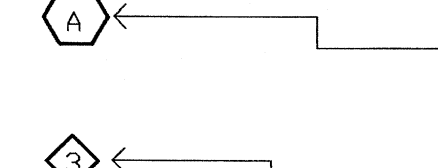
DETAIL CROSS REFERENCE BOX
DETAIL LOCATION (On that sheet) SHEET NUMBER



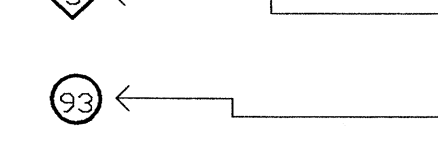
INTERIOR ELEVATION(S)
(See A1. & A13. Sheets)
ELEVATION NUMBER
ELEVATION DIRECTION (Compass Point)
ARROWS INDICATE ELEVATIONS DRAWN



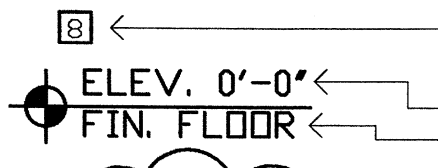
MATCH LINE
AREA 'A'
AREA 'B'



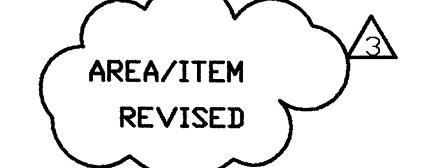
DOOR TYPE
(See A1. & A10. Sheets)
DOOR MARK (NUMBER)



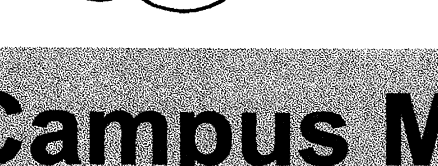
WINDOW TYPE
(See A1. A6. & A11. Sheets)
WINDOW MARK (LETTER)



STEEL FRAME, VIEW & ROLLING SHUTTER
(See A8. & A11. Sheets)
FRAME/SHUTTER MARK (NUMBER)



EQUIPMENT NUMBER
(See A1. & A13. Sheets)
EQUIPMENT MARK (NUMBER)



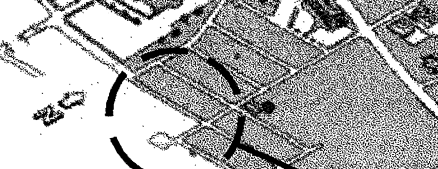
MATERIALS KEYNOTE
DEMOLITION DRAWINGS (NUMBER)



CONTROL OR DATUM POINT
ELEVATION OR POINT DESCRIPTION OF POINT (FIN. FLR., TOP OF PLATE, TOP OF BEAM)



REVISION REFERENCE
NUMBER OF REVISION CORRESPONDING TO SECTION IN TITLE BLOCK



General Notes Drawing Index

1. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL WORK TO BE PERFORMED BY ALL SUBCONTRACTORS, AND OWNERS REPRESENTATIVES AND ITS INTERFACE WITH THIS CONTRACT, ITS AFFECT ON THE SCHEDULING OF THIS CONTRACT AND ITS IMPACT ON THE CONTRACTORS USE.

2. CONTRACTOR SHALL COORDINATE WITH THE OWNERS EQUIPMENT INSTALLERS PRIOR TO INSTALLING INTERFACING CONSTRUCTION (SUCH AS THE TELEPHONE/COMPUTER/TV CABLES), CONDUIT RUNS, MECHANICAL AND PLUMBING RUNS WHICH EFFECT ROUTING INSTALLATIONS.

3. RUBBISH CONTAINERS: SUITABLE CONTAINERS WITH COVERS ARE TO BE PROVIDED FOR ALL REFUSE FROM MEALS EATEN ON THE JOB SITE AND SUCH CONTAINERS SHALL BE REMOVED FROM THE JOB SITE AT LEAST ONCE IN EVERY 72 HOUR PERIOD. ALL BOTTLES, CANS, PAPER AND GARBAGE OF EVERY DESCRIPTION ARE TO BE CONSTANTLY PICKED UP AND PLACED IN THE COVERED CONTAINERS. ALL WORK MEN ARE TO BE ADVISED OF THE CONTENTS OF THIS PARAGRAPH AND NOTHING SHORT OF THEIR FULL COOPERATION IS CONSIDERED REASONABLE.

4. REFER TO THE REFLECTED CEILING PLAN FOR TYPES OF CEILING. SEE SPECIFICATIONS FOR SPECIFIED ITEM TO BE INSTALLED ON WALLS, CEILING AND FLOOR.

5. CONTRACTOR SHALL COORDINATE CONSTRUCTION STAGING, DEBRIS, VEHICLES, AND MATERIALS TO KEEP CLEAR OF STREETS.

6. CONTRACTOR SHALL COORDINATE AREA FOR JOB TRAILOR, SUBCONTRACTORS STORAGE CONTAINERS AND JOB RELATED PARKING WITH OWNER.

7. CONTRACTOR SHALL STENCIL ABOVE RATED PARTITION CEILING IN ACCORDANCE WITH AFPC 91704.2.14 "FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS."

8. ALL GYPSUM BOARD TO BE 5/8" THK. TYPE "X" GYPSUM BOARD UNLESS NOTED OTHERWISE.

9. PROVIDE SECURITY, BARRIERS AND FACILITIES TO PROTECT WORK AND STORED MATERIAL FROM UNAUTHORIZED ENTRY, VANDALISM OR THEFT.

10. CONDITION AND USE OF THE JOB SITE SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. JOB SITE SHALL BE MAINTAINED IN A CLEAN AND ORDERLY FASHION. DEBRIS AND TRASH FOR ALL TRADES AND SUBCONTRACTORS UNDER GENERAL CONTRACTOR CONTROL AND FOR THOSE UNDER DIRECT CONTRACT WITH THE OWNER SHALL BE REMOVED DAILY. GENERAL CONTRACTOR SHALL COORDINATE DELIVERIES, INSPECTIONS, AND SITE VISITS FOR ALL TRADES AND SUBCONTRACTORS AS REQUIRED.

11. THE CONTRACTOR IS REQUIRED TO PROTECT ALL AREAS ADJACENT TO THE WORK AS NECESSARY TO PREVENT DAMAGE. CONTRACTOR TO BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ITEMS DAMAGED DURING CONSTRUCTION.

12. FINAL CLEANING AT SUBSTANTIAL COMPLETION SHALL INCLUDE BUT NOT BE LIMITED TO CLEANING OF ALL SURFACES AFFECTED BY THE WORK OF THE CONTRACT AND REMOVAL OF ANY SPOTS, STAINS, SPLITS ETC. ON ANY SURFACES INCURRED DURING THE CONSTRUCTION PERIOD.

13. WHERE NEW WORK ABUTS OR ALIGNS WITH EXISTING, PERFORM A SMOOTH AND EVEN TRANSITION. PATCH WORK AND USE MATERIALS THAT MATCH EXISTING ADJACENT WORK IN TEXTURE AND APPEARANCE.

14. ALL PRODUCTS USED ON THIS PROJECT THAT ARE USED IN CONJUNCTION WITH EACH OTHER OR ADJACENT TO EACH OTHER ARE REQUIRED TO BE COMPATIBLE.

15. OWNER RETAINS THE RIGHT TO LET OTHER CONTRACTS IN CONNECTION WITH THE PROJECT WORK. GENERAL CONTRACTOR SHALL PROPERLY COOPERATE, COORDINATE AND INTERFACE THEIR SCHEDULE WITH ANY SUCH CONTRACTORS/VENDORS, ETC.

GENERAL

X1.01 COVER SHEET
GENERAL INFORMATION

CIVIL

C1.01 SITE PLAN
C1.02 CIVIL DETAILS

ARCHITECTURAL

A1.01 FLOOR PLAN
A4.01 REFLECTED CEILING PLAN
A8.01 EXTERIOR ELEVATIONS
A8.01 WALL SECTIONS
A8.02 WALL SECTIONS
A10.01 DOOR & FRAME SCHEDULE, WINDOW SCHEDULE AND DETAILS
A12.01 FINISH SCHEDULE, WALL PARTITION TYPES
A14.01 MILLWORK ELEVATIONS, SECTIONS, AND DETAILS

STRUCTURAL

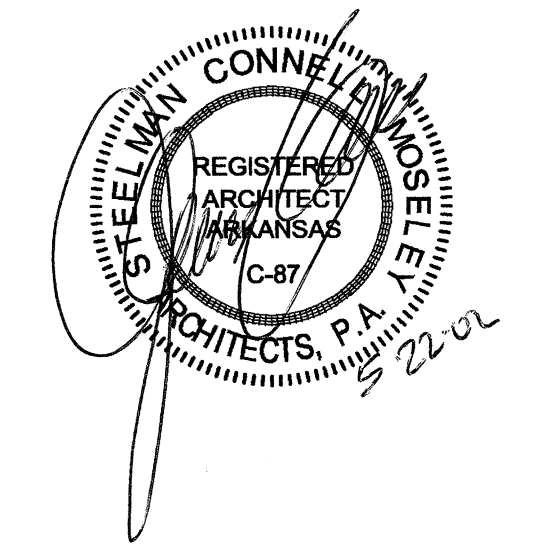
S1.01 FOUNDATION PLAN
S2.01 FOUNDATION DETAILS

ELECTRICAL

E3.01 SITE PLAN - ELECTRICAL
E1.01 FLOOR PLAN - LIGHTING
E1.02 FLOOR PLAN - POWER & SYSTEMS
E1.03 FLOOR PLAN - HVAC POWER
E2.01 RISERS & DETAILS
E2.01 PANEL SCHEDULES
E4.01 LEGEND, FIXTURE SCHEDULE AND GENERAL NOTES

SCM

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• 1

• 2

• 3

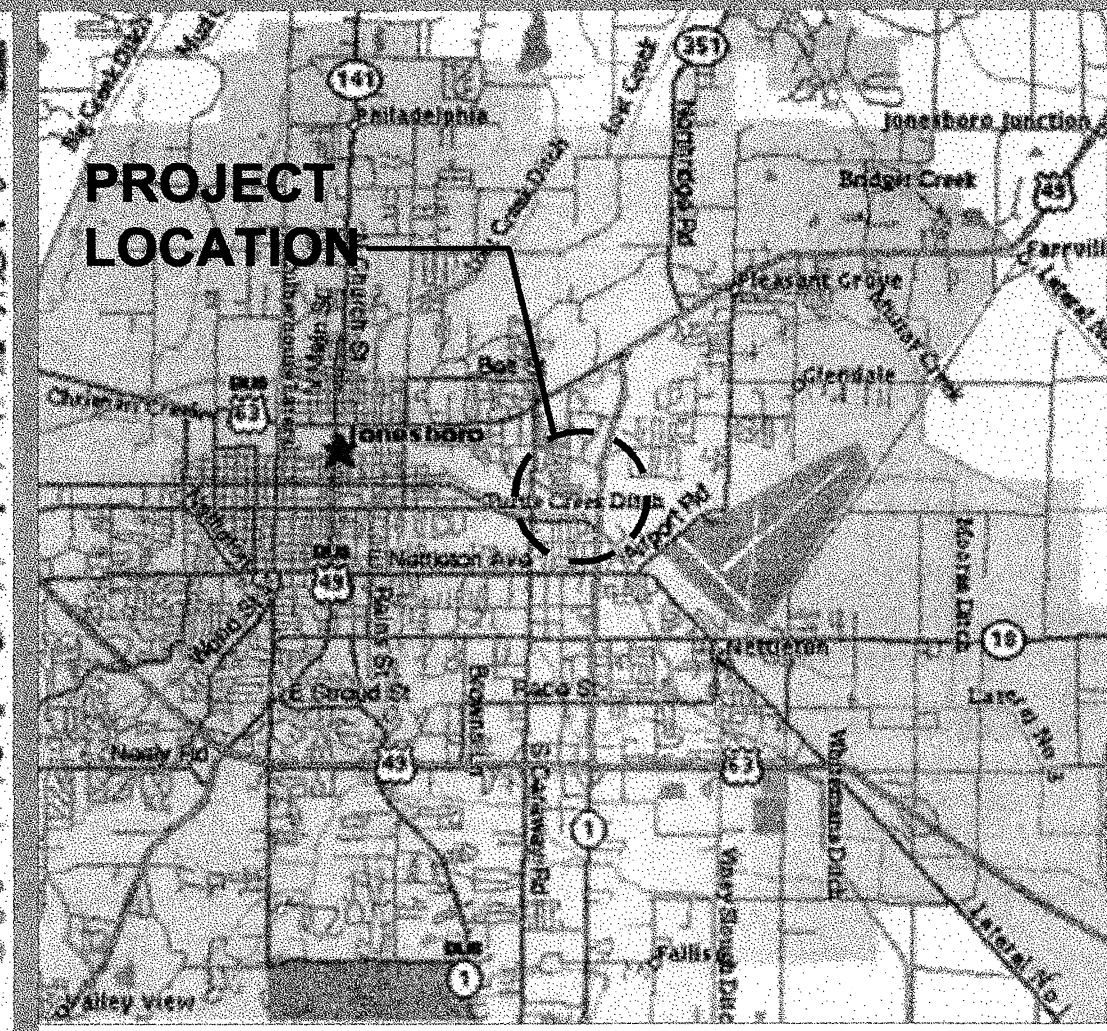
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• 5

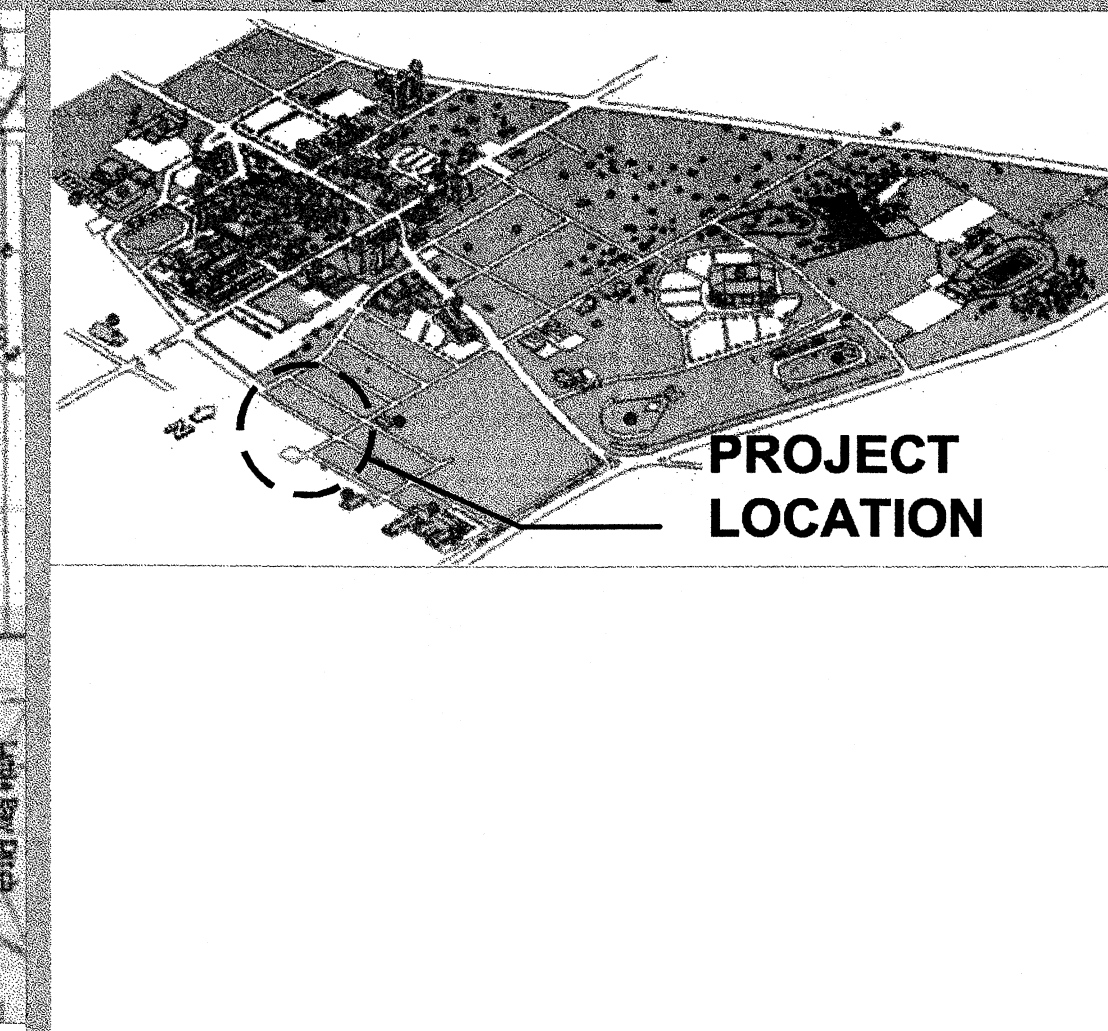
Regional Map



Location Map



Campus Map



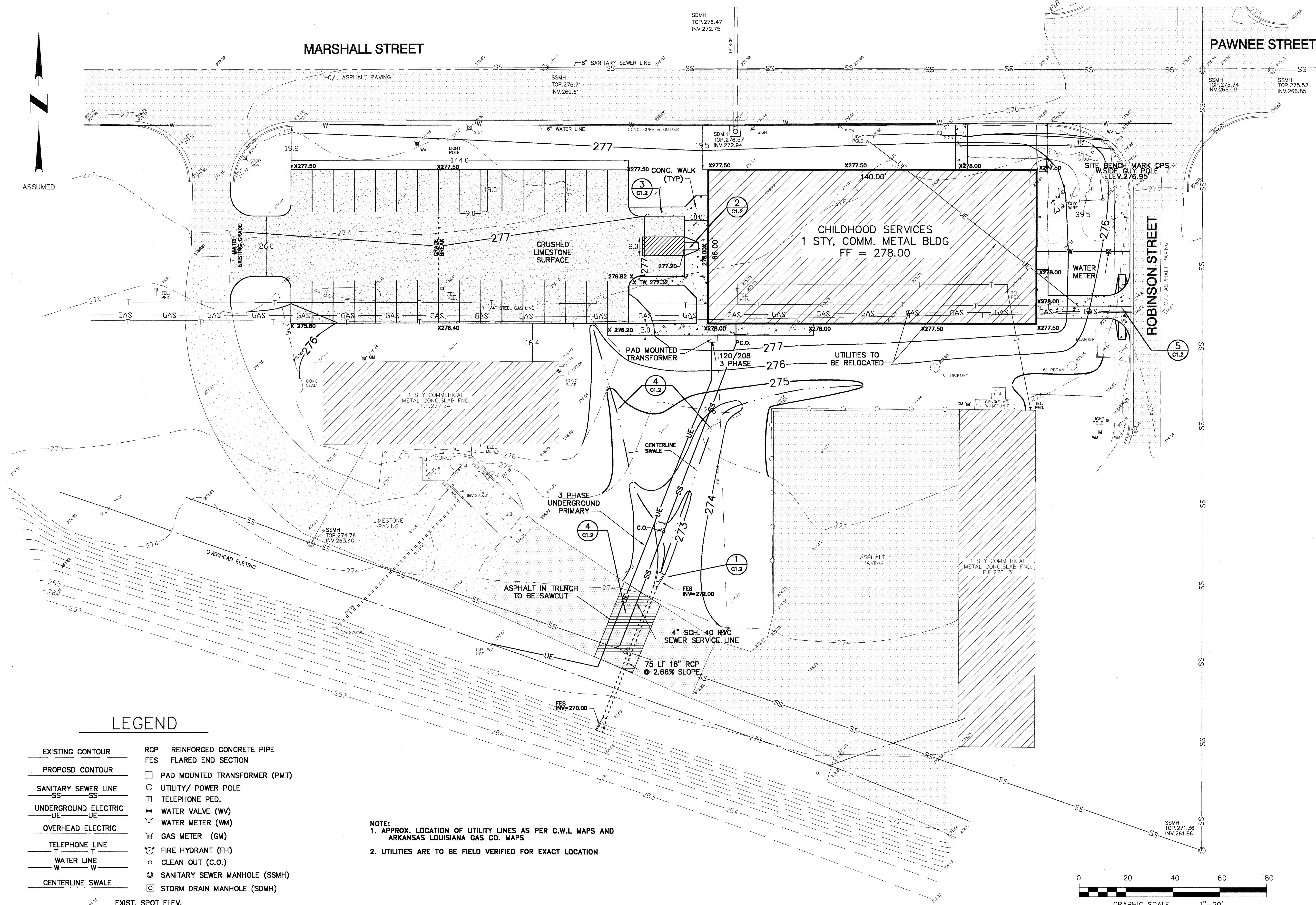
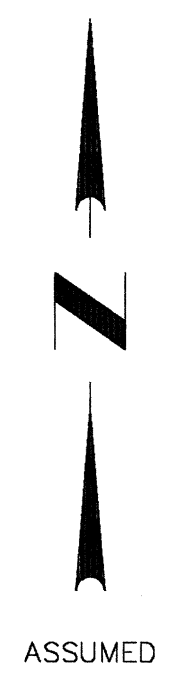
REVISIONS:

PROJECT NO. 02004
DATE: May 22, 2002
General Information

X1.01

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Childhood Services Building
Arkansas State University
Jonesboro, Arkansas

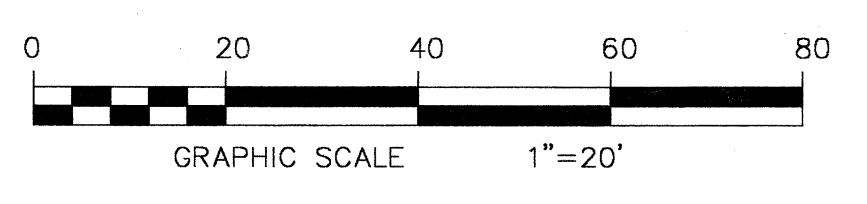


LEGEND

- | | |
|----------------------|---------------------------------|
| EXISTING CONTOUR | RCP REINFORCED CONCRETE PIPE |
| PROPOSED CONTOUR | FES FLARED END SECTION |
| SANITARY SEWER LINE | □ PAD MOUNTED TRANSFORMER (PMT) |
| UNDERGROUND ELECTRIC | ○ UTILITY/ POWER POLE |
| OVERHEAD ELECTRIC | □ TELEPHONE PED. |
| TELEPHONE LINE | ⊕ WATER VALVE (WV) |
| WATER LINE | ⊕ WATER METER (WM) |
| CENTERLINE SWALE | ⊕ GAS METER (GM) |
| | ⊕ FIRE HYDRANT (FH) |
| | ○ CLEAN OUT (C.O.) |
| | ⊙ SANITARY SEWER MANHOLE (SSMH) |
| | ⊙ STORM DRAIN MANHOLE (SDMH) |

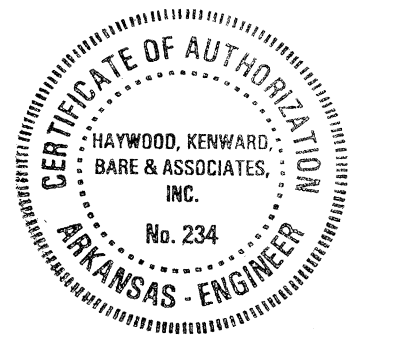
EXIST. SPOT ELEV.
X277.50 PROPOSED SPOT ELEV.

NOTE:
1. APPROX. LOCATION OF UTILITY LINES AS PER C.W.I. MAPS AND ARKANSAS LOUISIANA GAS CO. MAPS
2. UTILITIES ARE TO BE FIELD VERIFIED FOR EXACT LOCATION



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Robert Kenward
5-22-02

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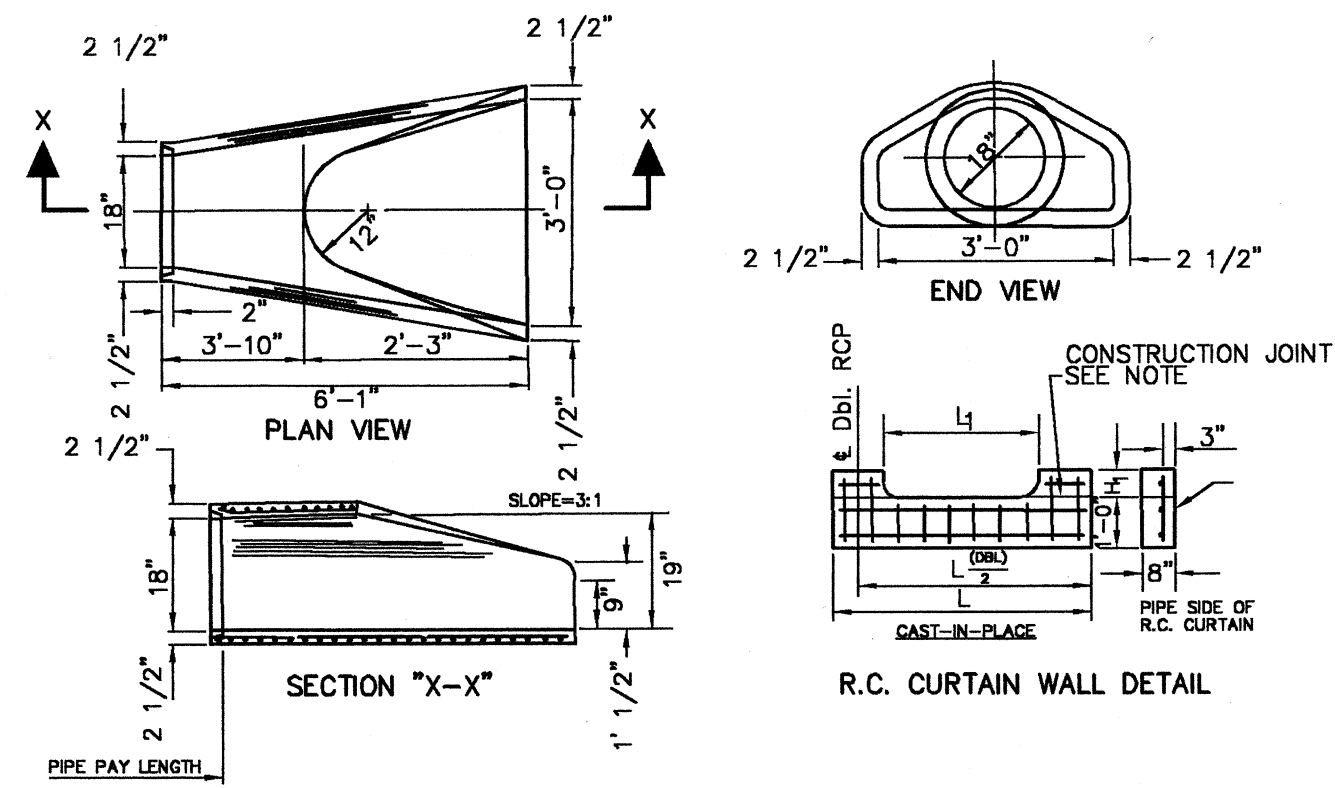


REVISIONS:

PROJECT NO. 02004
DATE: MAY 22, 2002

Civil Engineering, Surveying & Planning Services

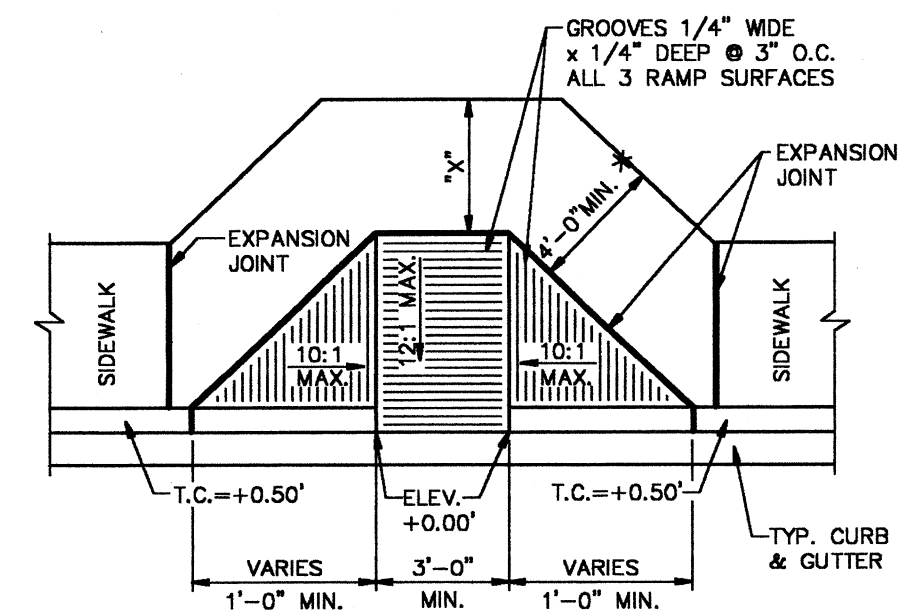
HKB
HAYWOOD, KENWARD, BARE & ASSOCIATES, INC.



NOTES: 1. The portion of the R.C. Curtain Wall beneath the Flared End Section (Lower 1'-0") shall be placed monolithically. The Flared End Section shall then be cast in place and the remaining portions of the R.C. Curtain Wall placed.
 2. All reinforcing steel are #4 Bars at 6" O.C.
 3. No separate payment will be made for the Curtain Walls. They shall be considered subsidiary to the Flared End Sections.
 4. Tongue End On Upstream Section. Groove End On Downstream Section.

1 FLARED END SECTION DETAILS REINFORCED CONCRETE PIPE

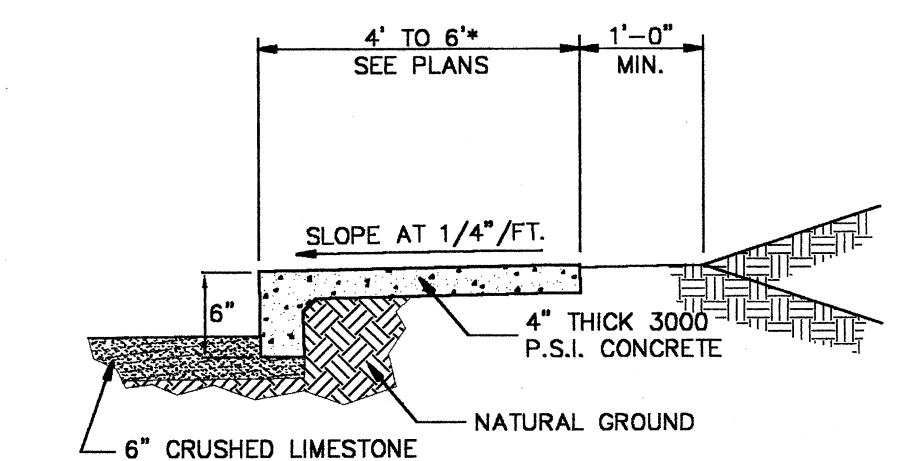
1 N.T.S.



*NOTE: IF "X" IS LESS THAN 48", AS APPROVED BY THE CITY, THEN THE SLOPE OF THE FLARED SIDE SHALL NOT EXCEED 12:1.

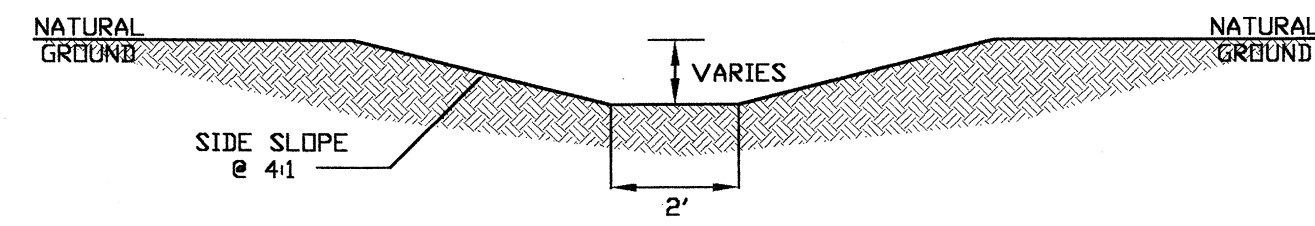
2 TYPE "A" ACCESS RAMP

2 N.T.S.



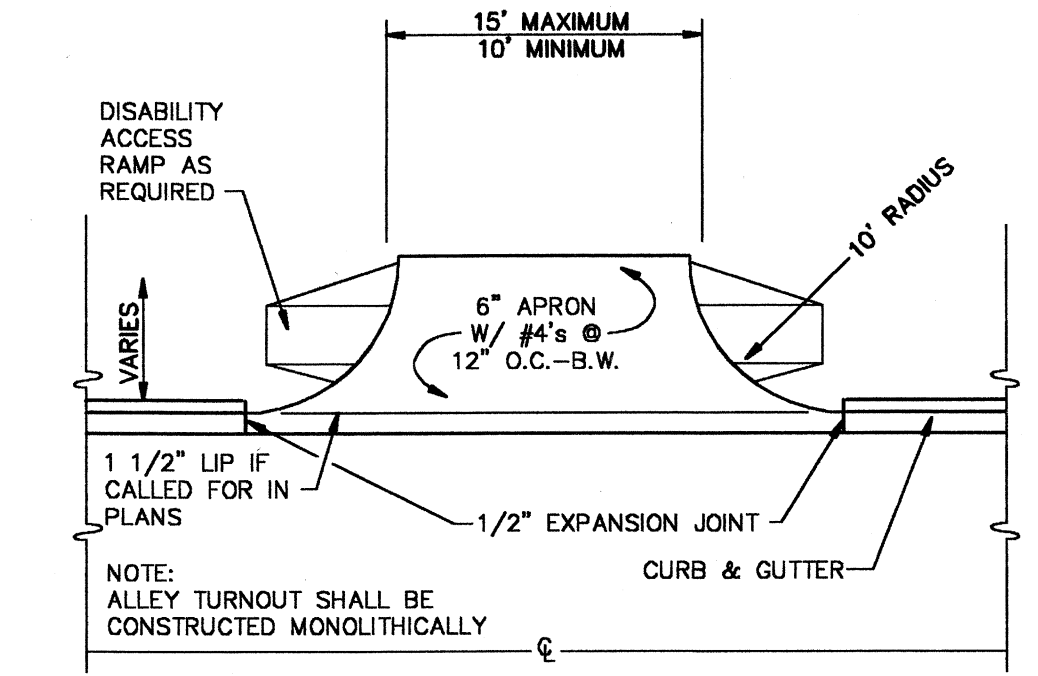
3 SIDEWALK AT LIMESTONE

3 N.T.S.



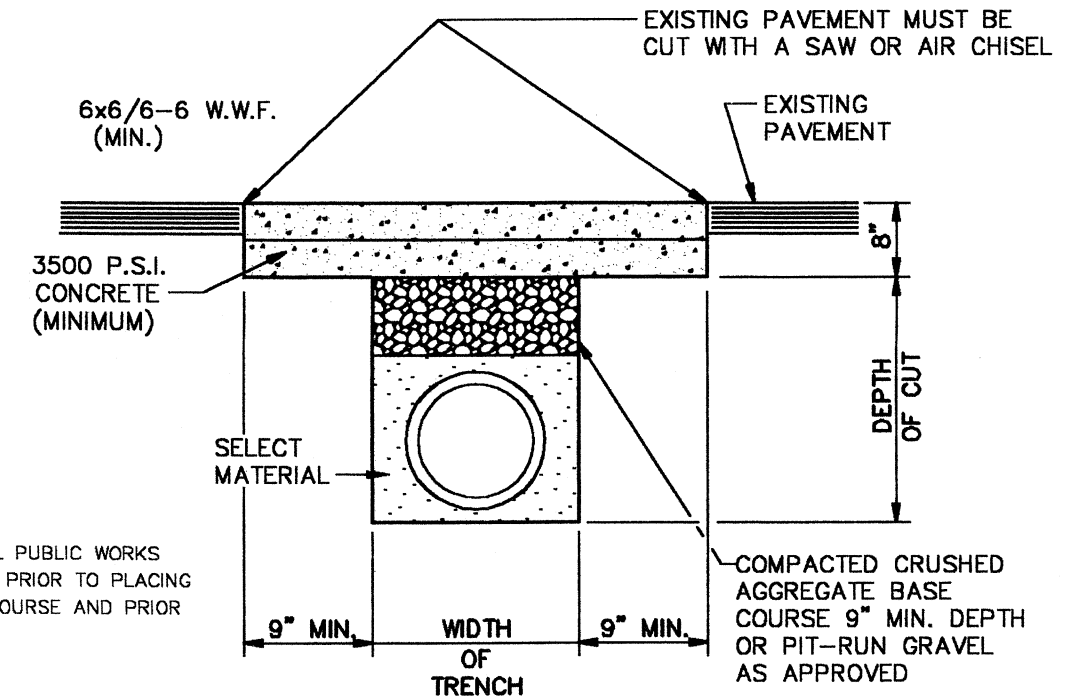
4 TYPICAL SWALE CROSS SECTION

4 N.T.S.



5 CONCRETE DRIVE

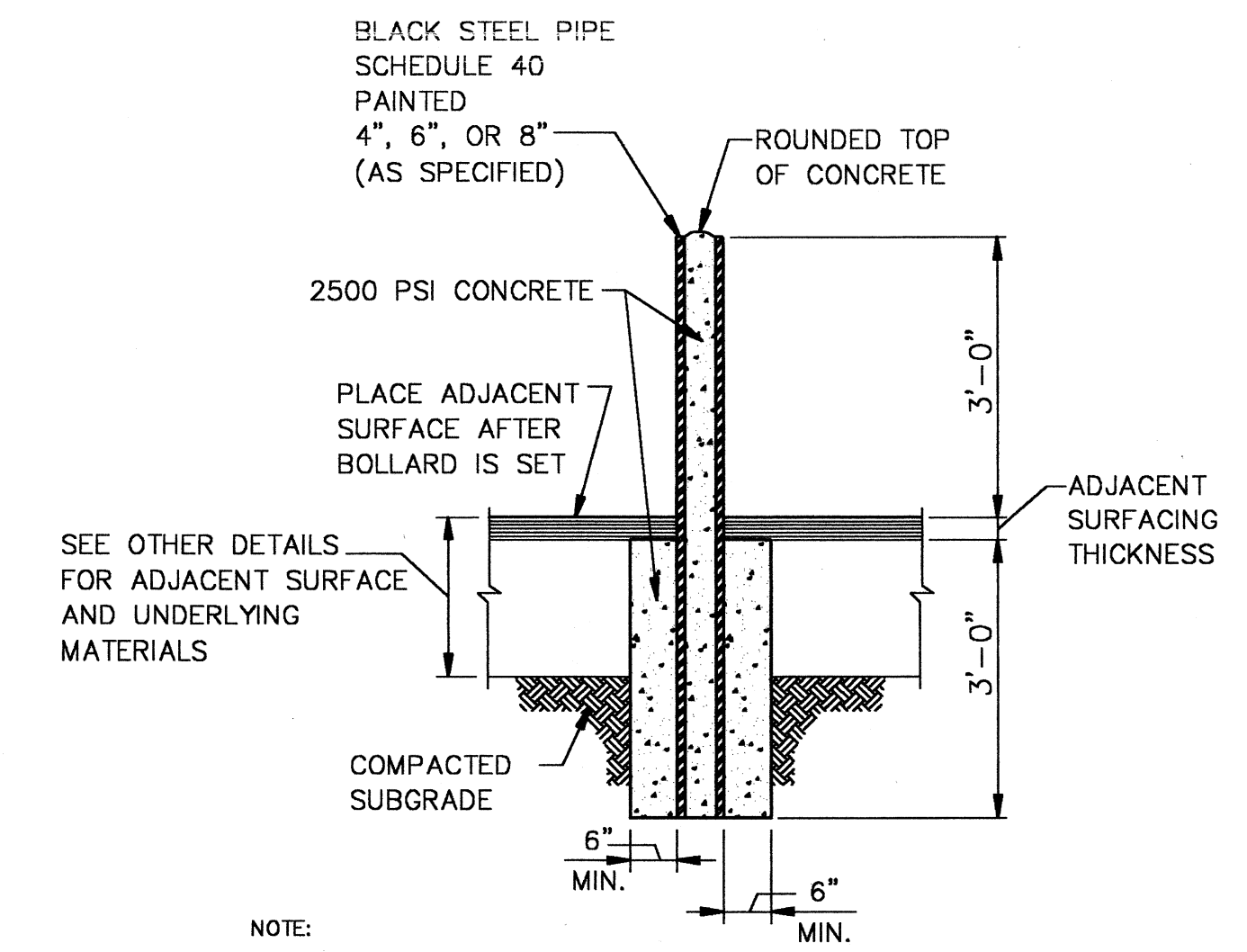
5 N.T.S.



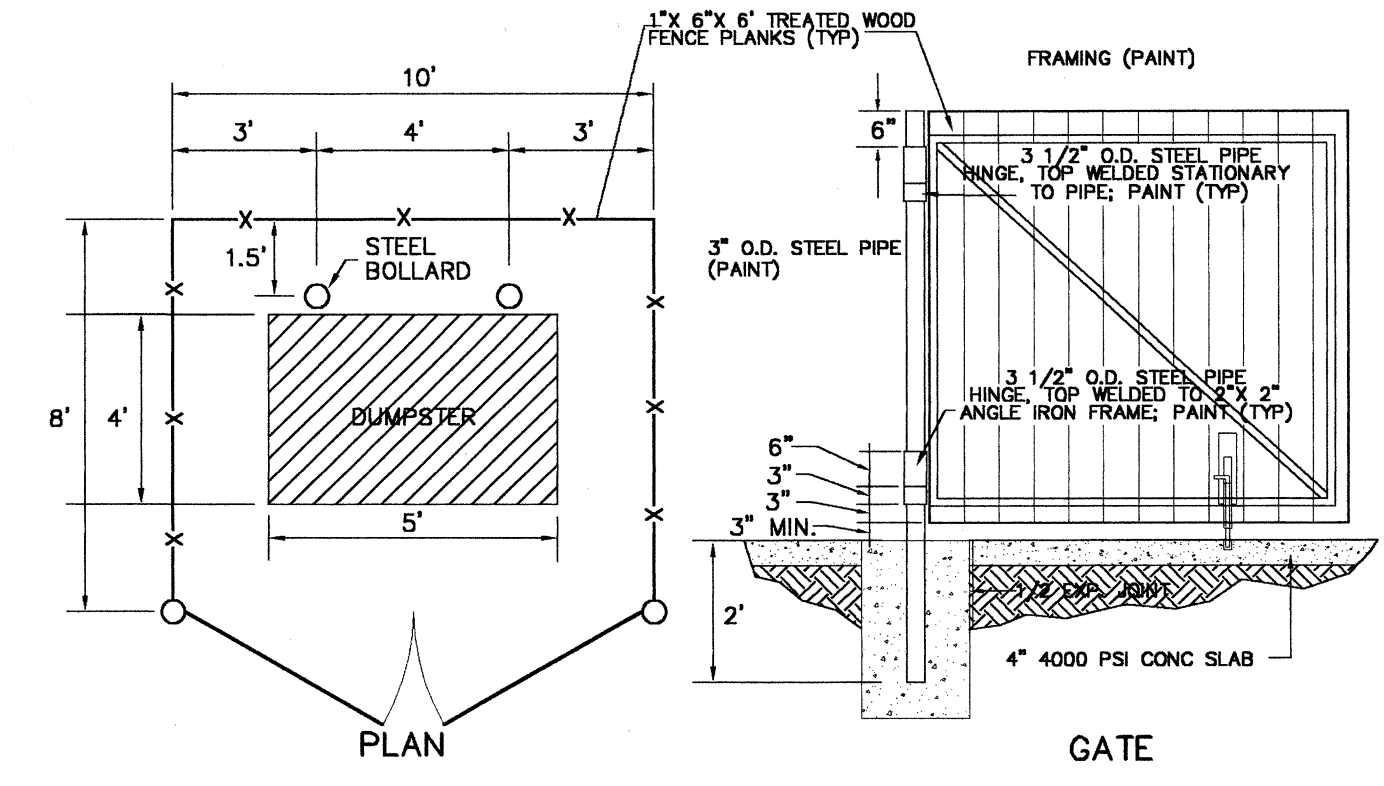
NOTE: THE CONTRACTOR SHALL CALL PUBLIC WORKS DEPARTMENT FOR INSPECTION PRIOR TO PLACING CRUSHED AGGREGATE BASE COURSE AND PRIOR TO PLACING CONCRETE.

6 PAVEMENT TRENCH REPAIR DETAIL

6 N.T.S.

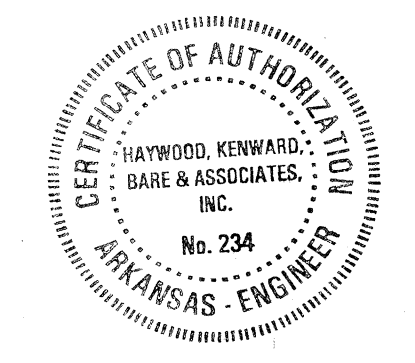


NOTE: 1. SELECT PIPE DIAMETER AND PAINT COLOR AS CALLED FOR IN PLANS. USE 8" AS MAXIMUM UNLESS EXTREMELY HEAVY LOADINGS ARE ANTICIPATED. USE 4" ONLY WHERE VERY LIGHT LOADS ARE ANTICIPATED.
 BOLLARDS NOT TO BE USED IN OR NEAR STREET AREAS. 2" ANGLE IRON



7 DUMPSTER ENCLOSURE AND BOLLARD DETAIL

7 N.T.S.



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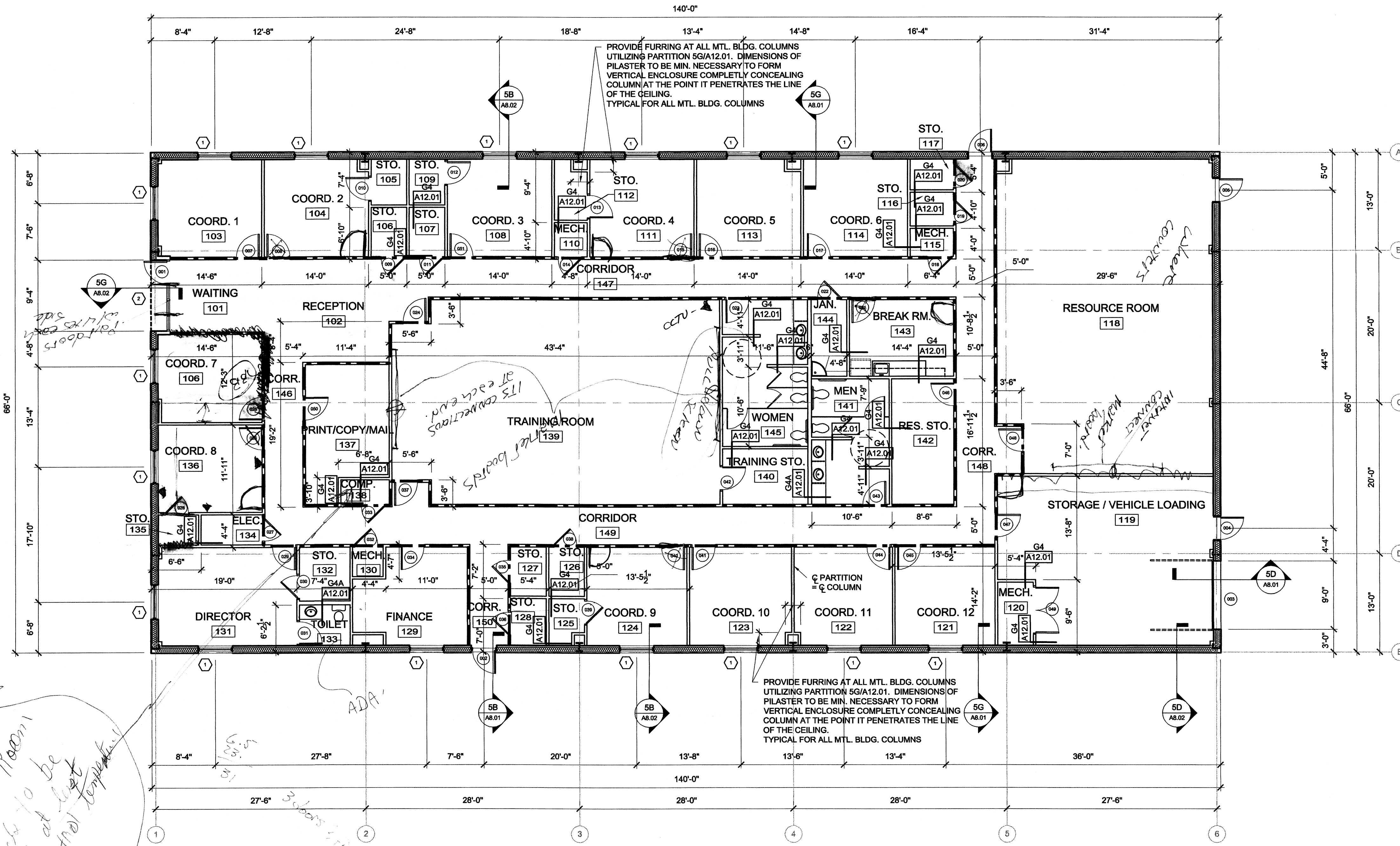
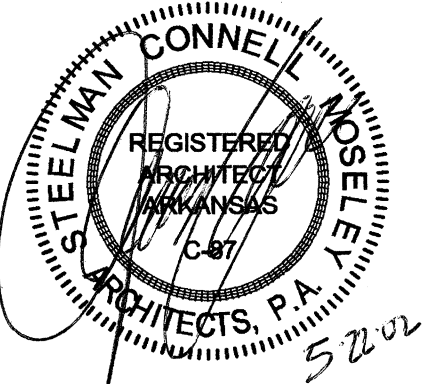


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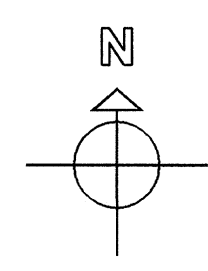
Civil Engineering, Surveying & Planning Services
HKB
 HAYWOOD, KENWARD, BARE & ASSOCIATES, INC.

8,750.
26
13,500.
1,080



Handwritten note: F.T. Room
Mark to be
C/G at left
in control top...

5A FLOOR PLAN
Scale: 1/8" = 1'-0"



INTERIOR PARTITION NOTES	
1.	ALL INTERIOR PARTITIONS ARE TYPE G2/A12.01 UNLESS NOTED OTHERWISE
2.	DENOTES 1 HOUR PARTITION EQUAL TO UL-U465 AND G3/A12.01.

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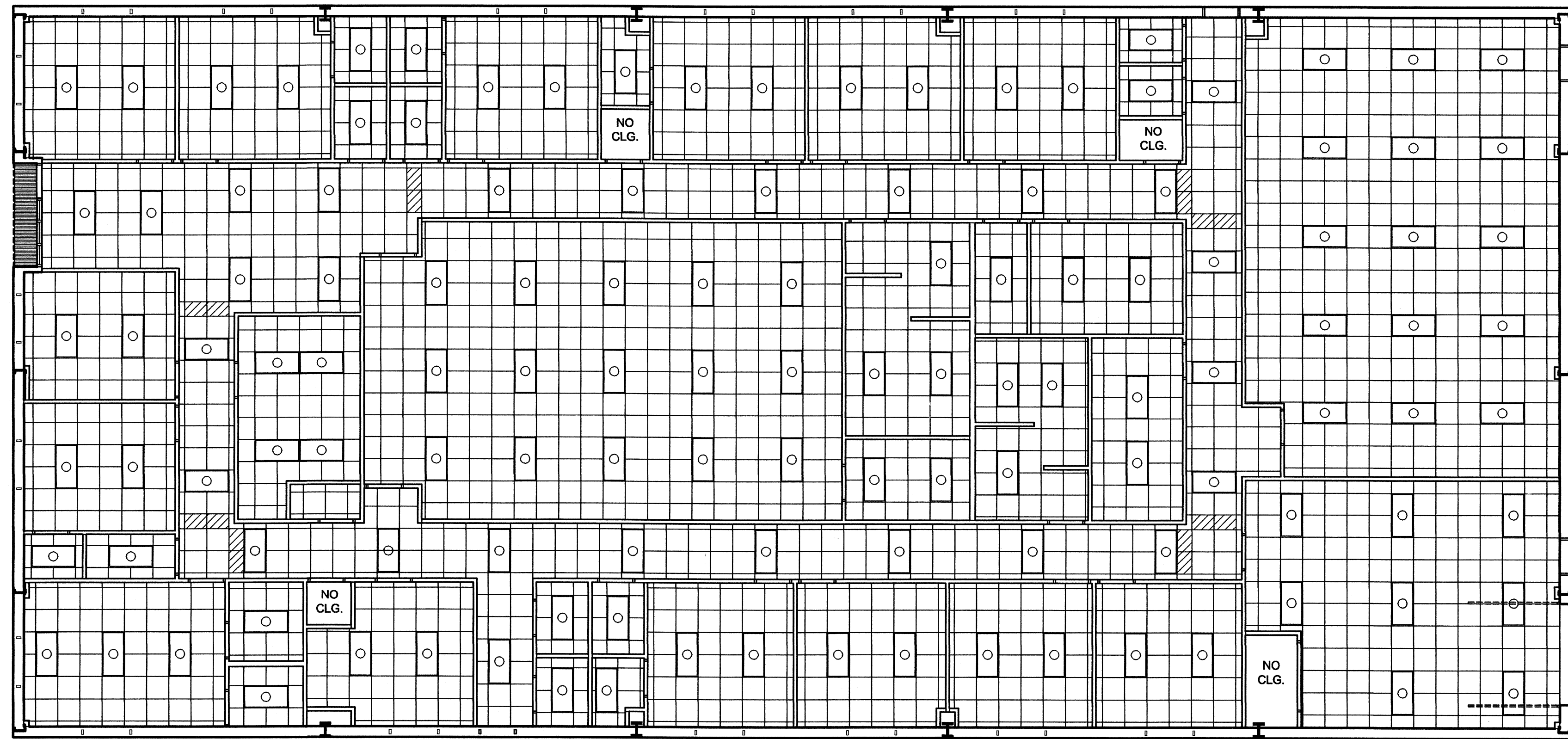
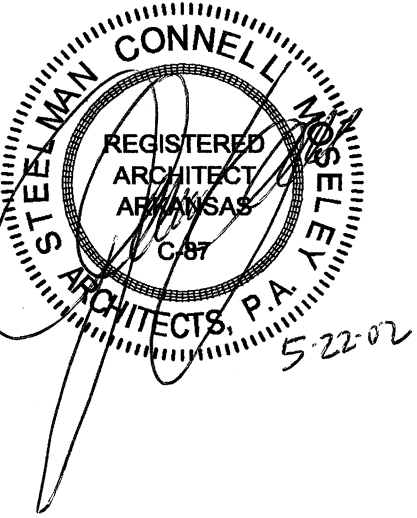
REVISIONS:

PROJECT NO.
02004

DATE:
May 22, 2002

FLOOR PLAN

A1.01



5A REFLECTED CEILING PLAN
Scale: 1/8" = 1'-0"

Childhood Services Building
Arkansas State University
Jonesboro, Arkansas

REVISIONS:	

PROJECT NO. 02004
DATE: May 22, 2002
Reflected Ceiling Plan

A4.01

J:\2002\02004 ASU Child Svcs\0001 Drawings\Con_Docs\CD\A1_1.dwg, A4.1, 05/23/02 10:13:51 AM, bradley.m

A

B

C

D

E

F

G

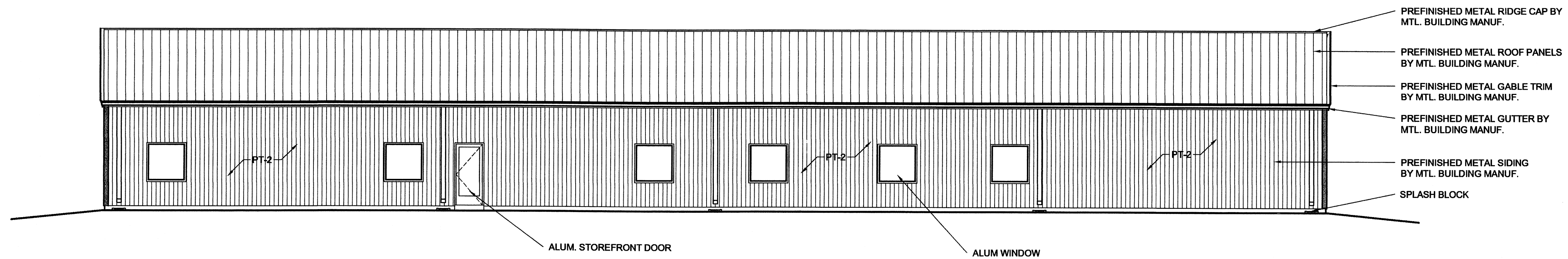
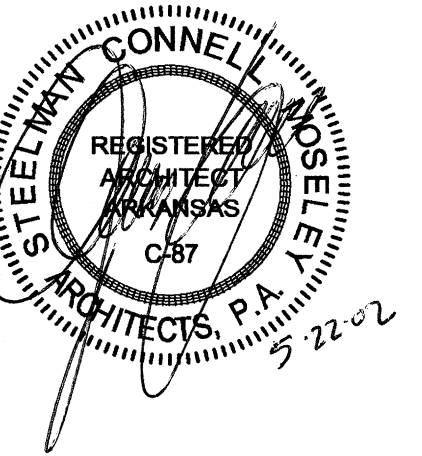
• 1

• 2

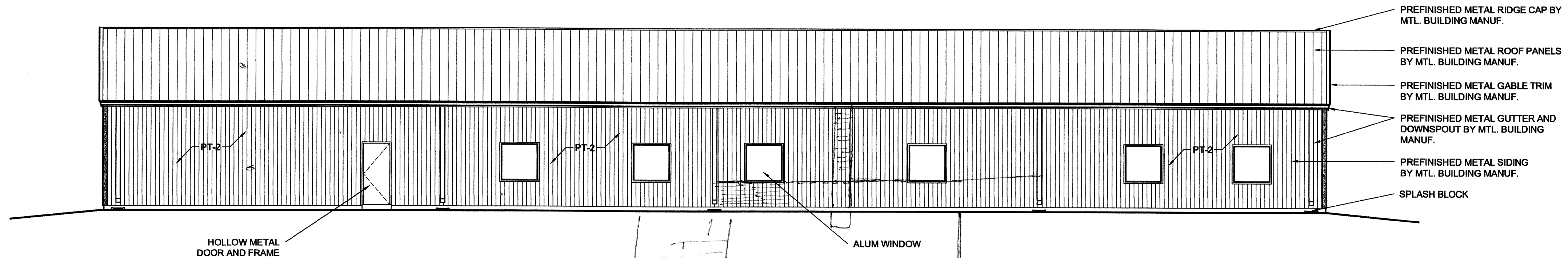
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• 4

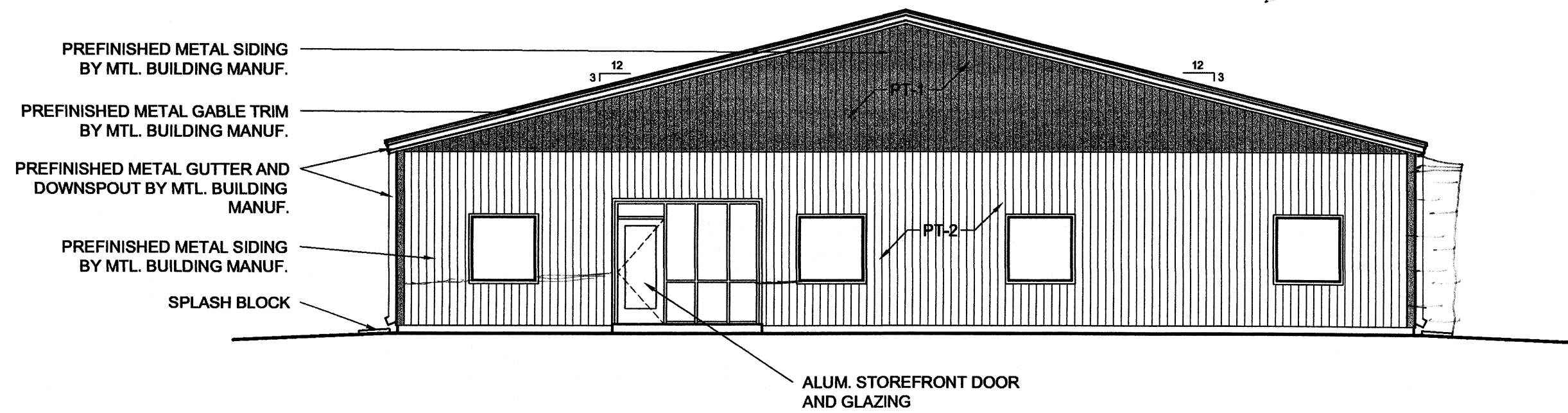
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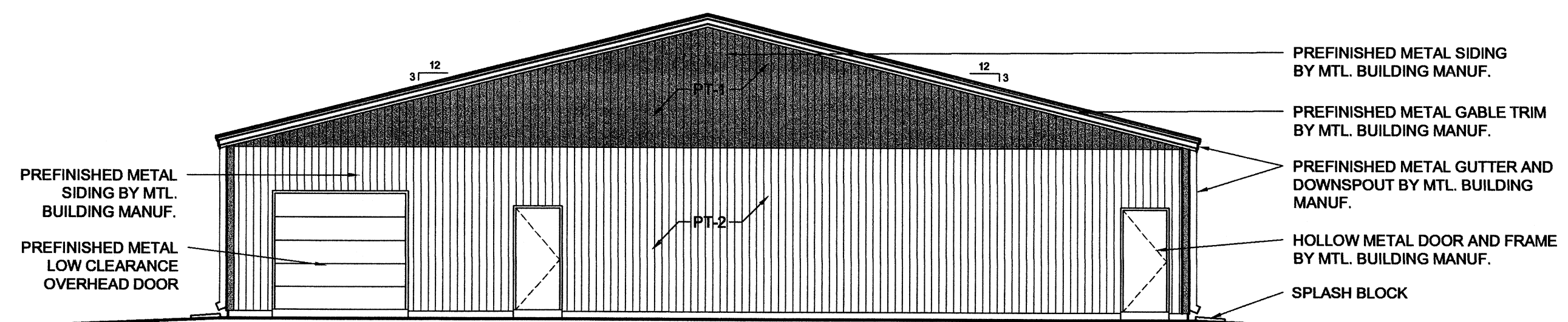
1C South Elevations
Scale: 1/8" = 1'-0"



3C North Elevations
Scale: 1/8" = 1'-0"



5C West Elevations
Scale: 1/8" = 1'-0"



5G East Elevations
Scale: 1/8" = 1'-0"

METAL BUILDING SIDING PAINT COLOR LEGEND	
PT-1	DARK BONZE COLOR
PT-1	LIGHT BEIGE COLOR
NOTE: ALL COLORS SELECTED FROM METAL BUILDING MANUFACTURER'S STANDARD LINE OF COLORS. COLORS TO MATCH AS CLOSELY AS POSSIBLE COLORS OF EXISTING PHYSICAL PLANT BUILDING DIRECTLY TO THE EAST OF BUILDING SITE.	

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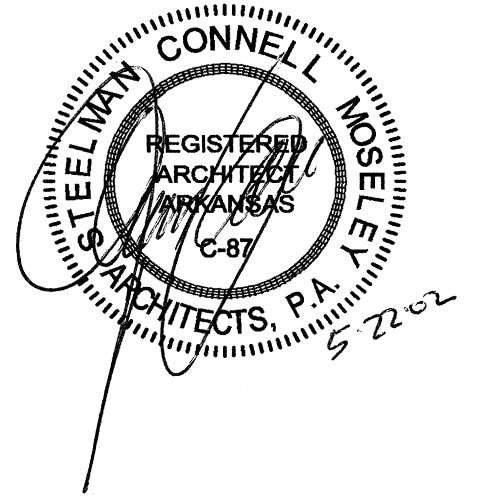
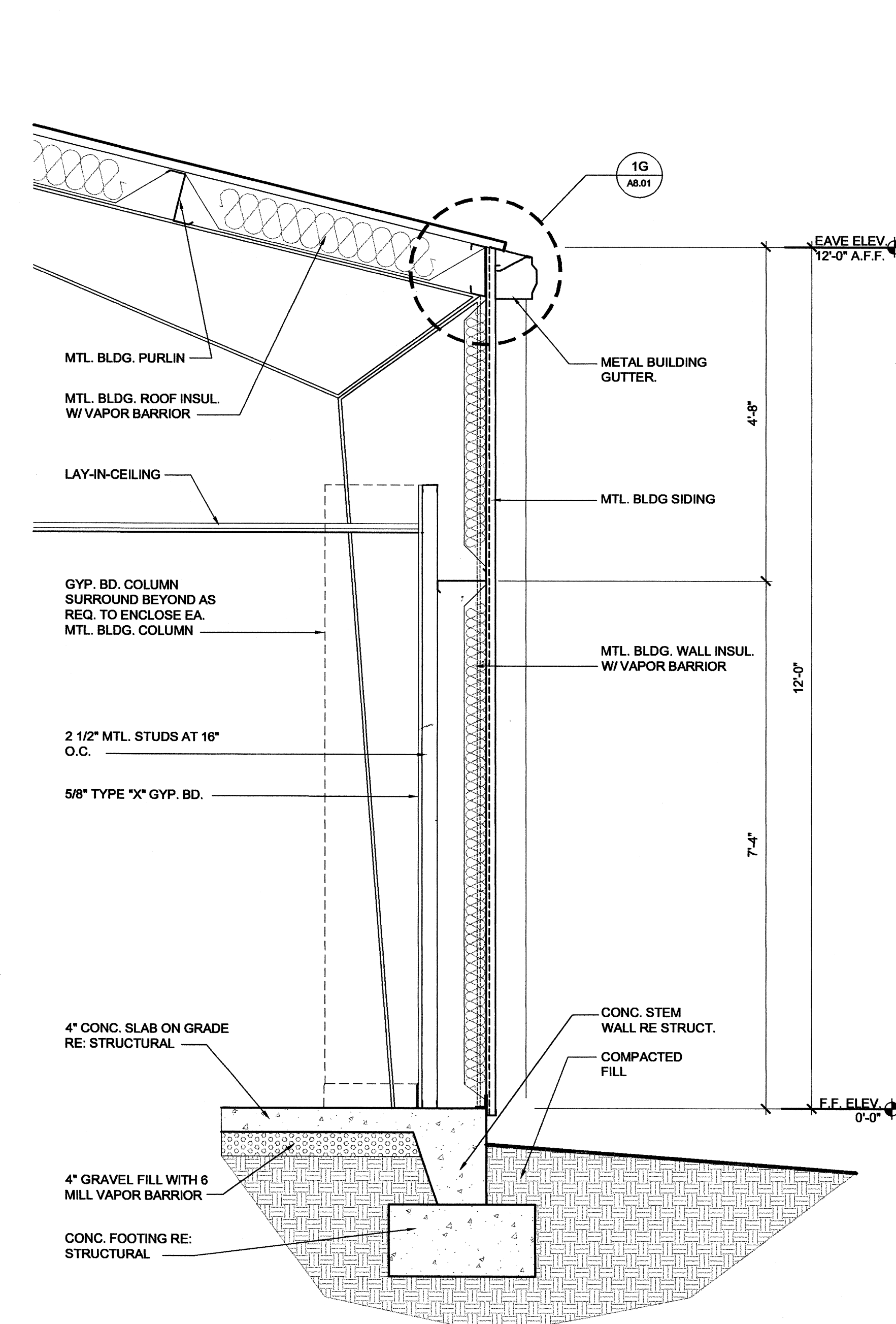
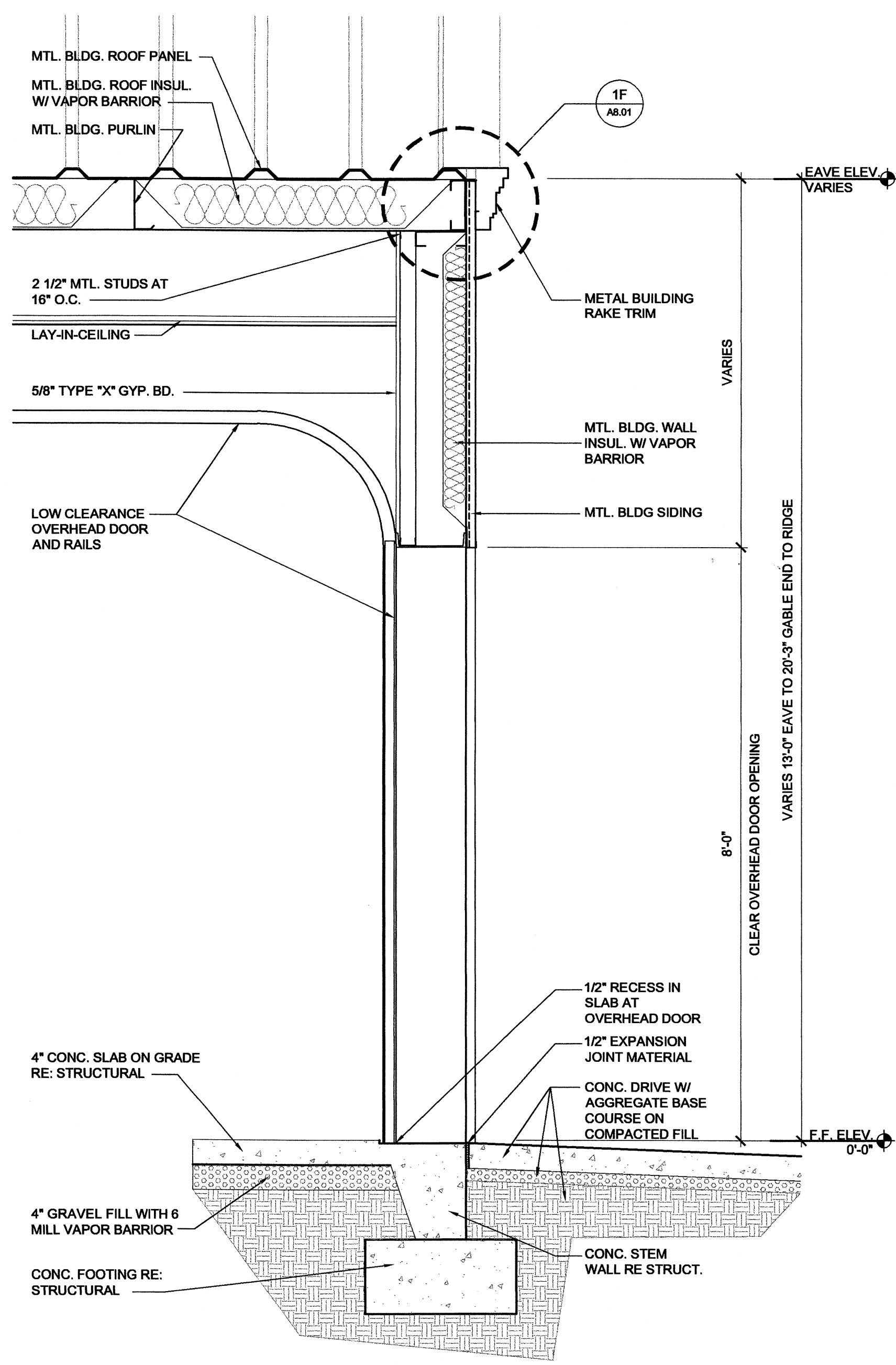
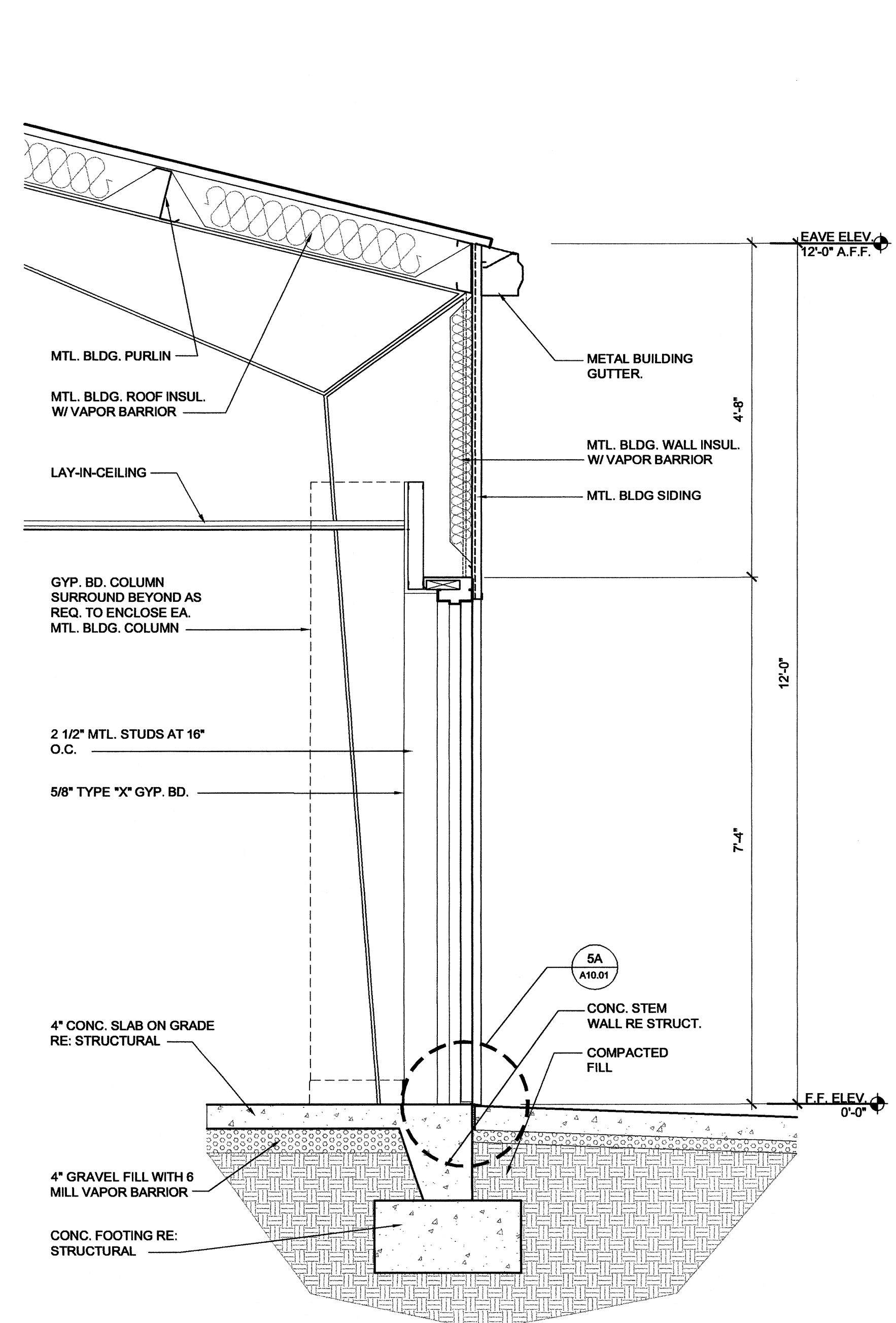
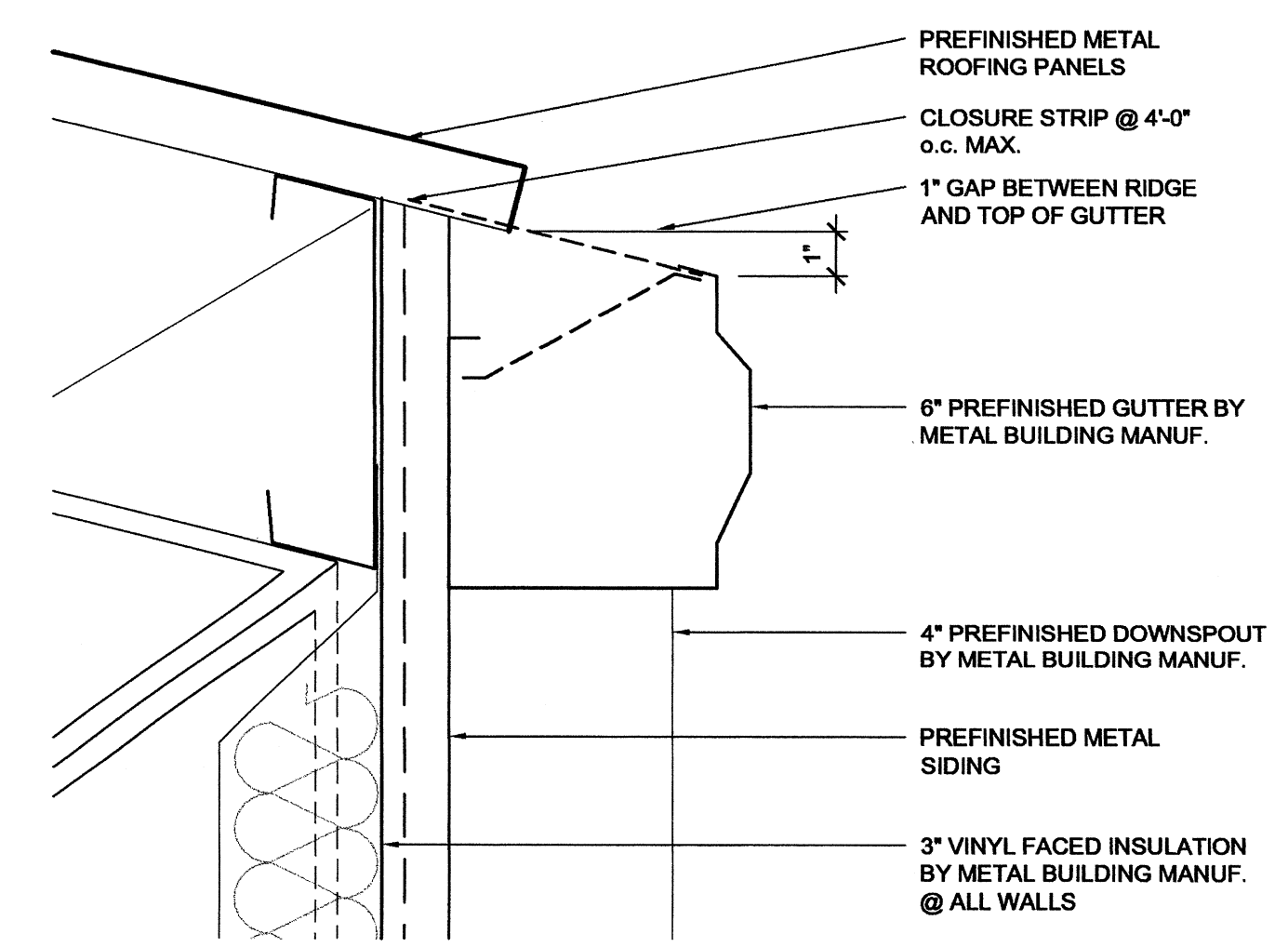
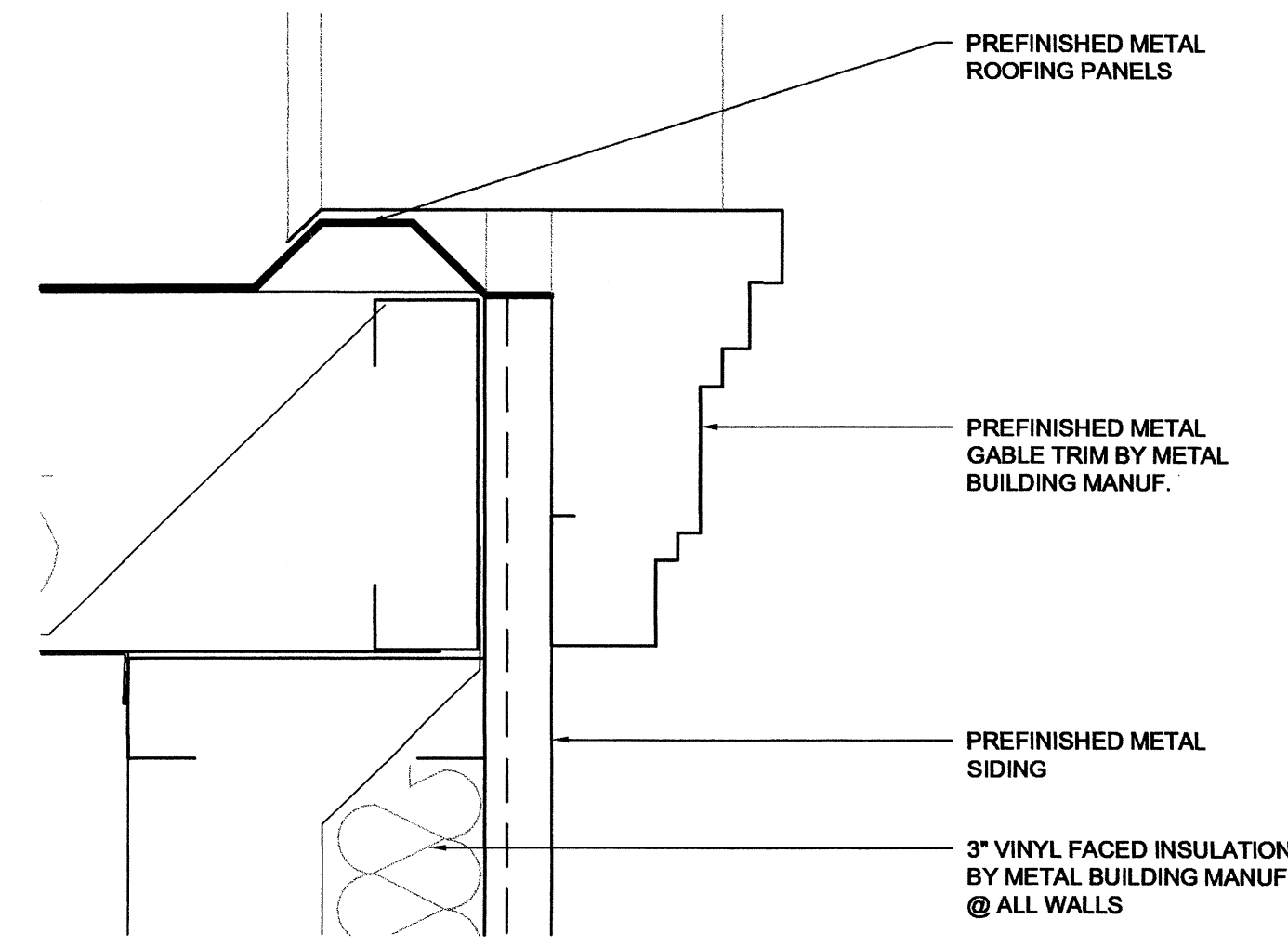
REVISIONS:

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02004
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May 22, 2002

Exterior Elevations

A6.01

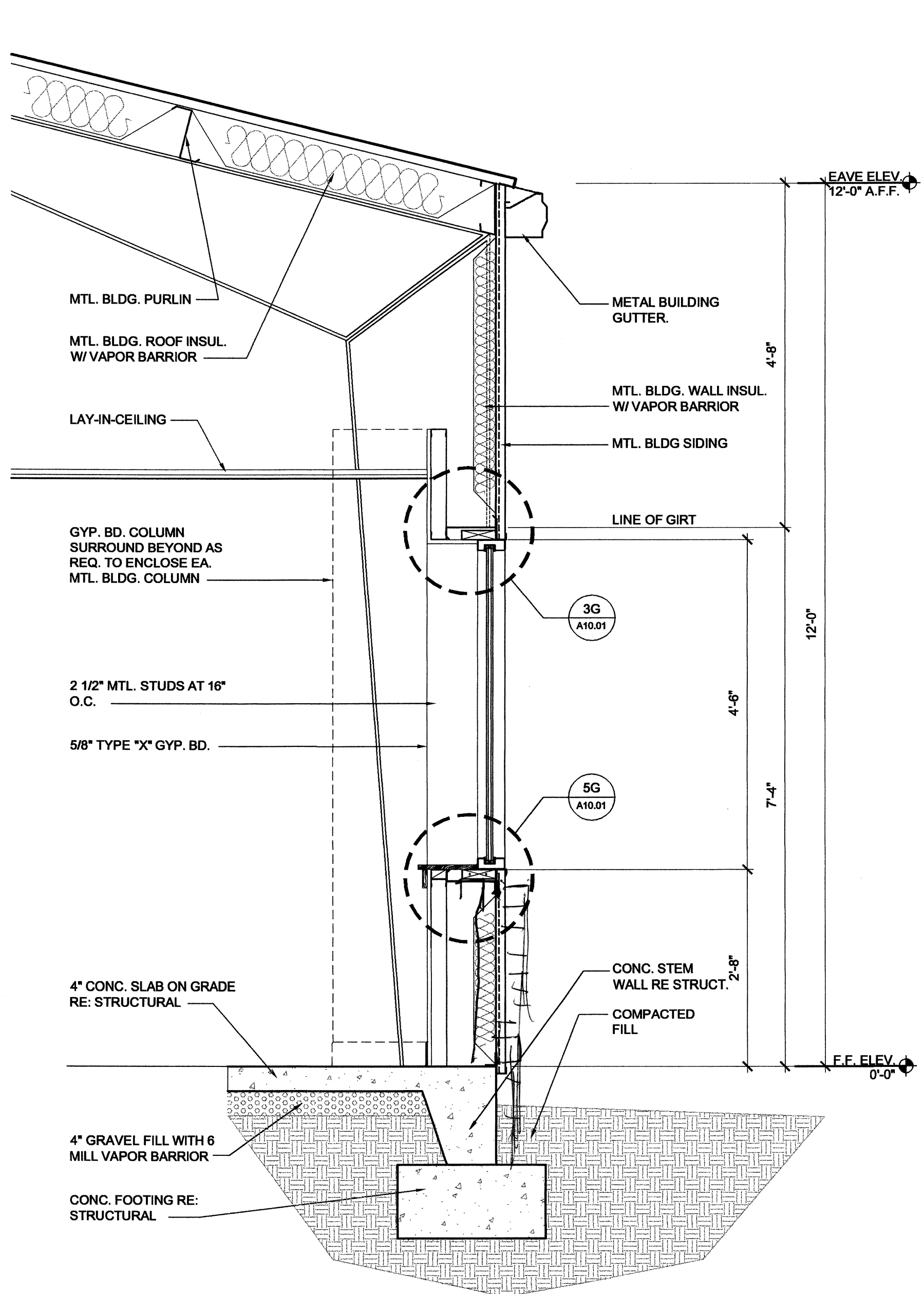
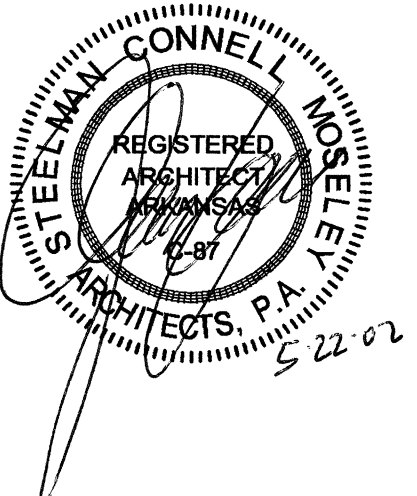
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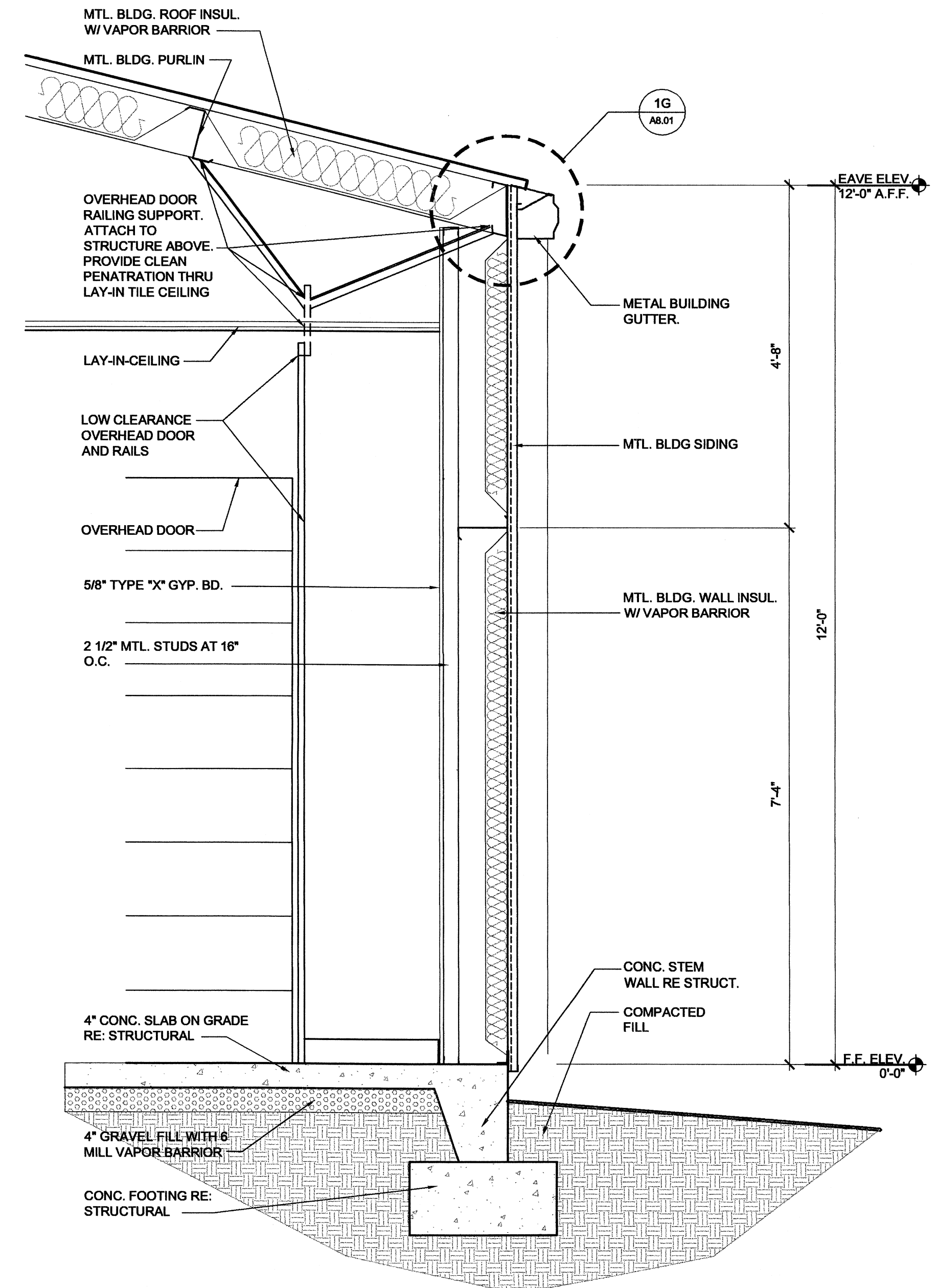
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 Arkansas State University
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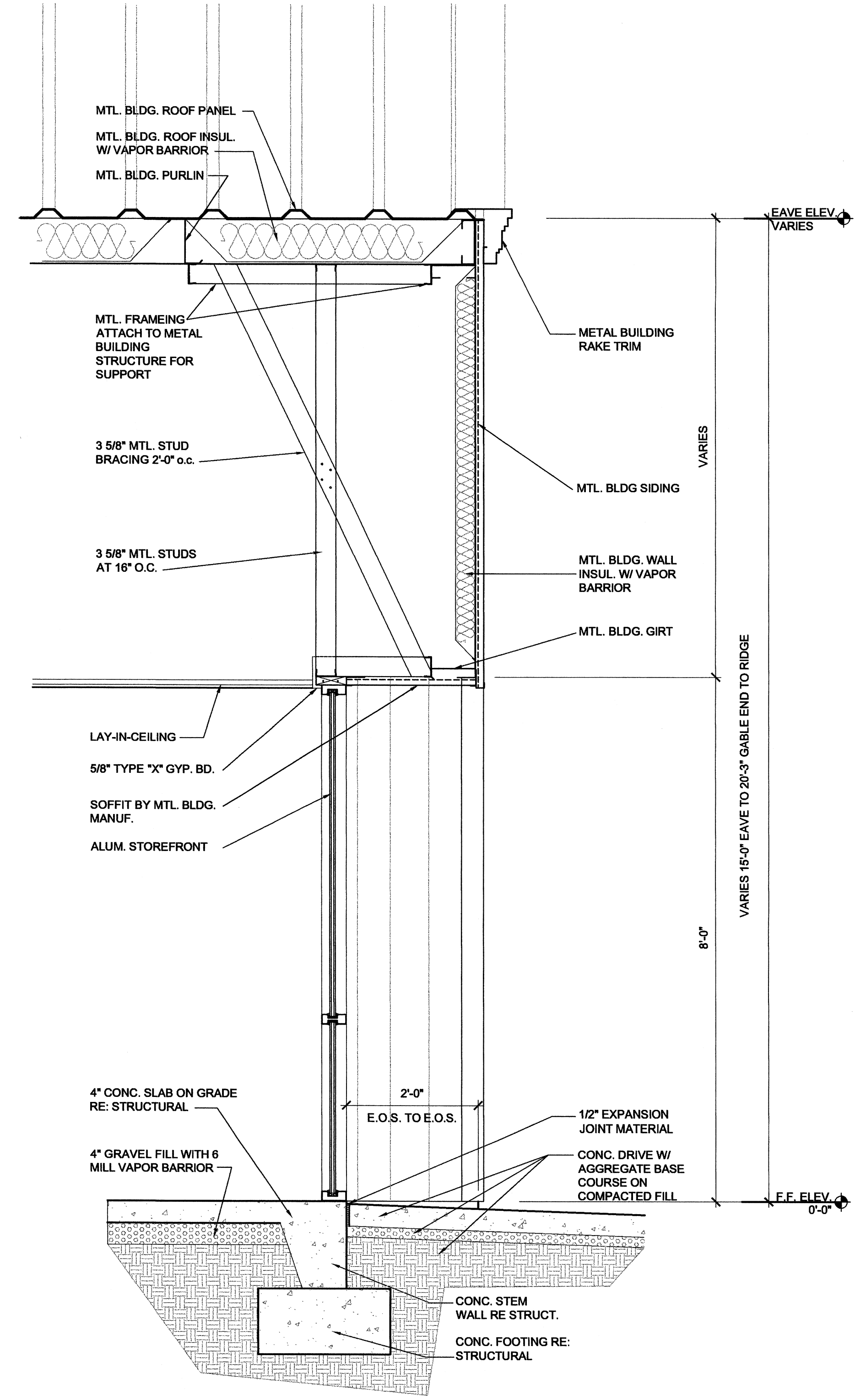
PROJECT NO. 02004
 DATE: May 22, 2002
 Wall Sections



5B WALL SECTION
 Scale: 3/4" = 1'-0"



5D WALL SECTION
 Scale: 3/4" = 1'-0"

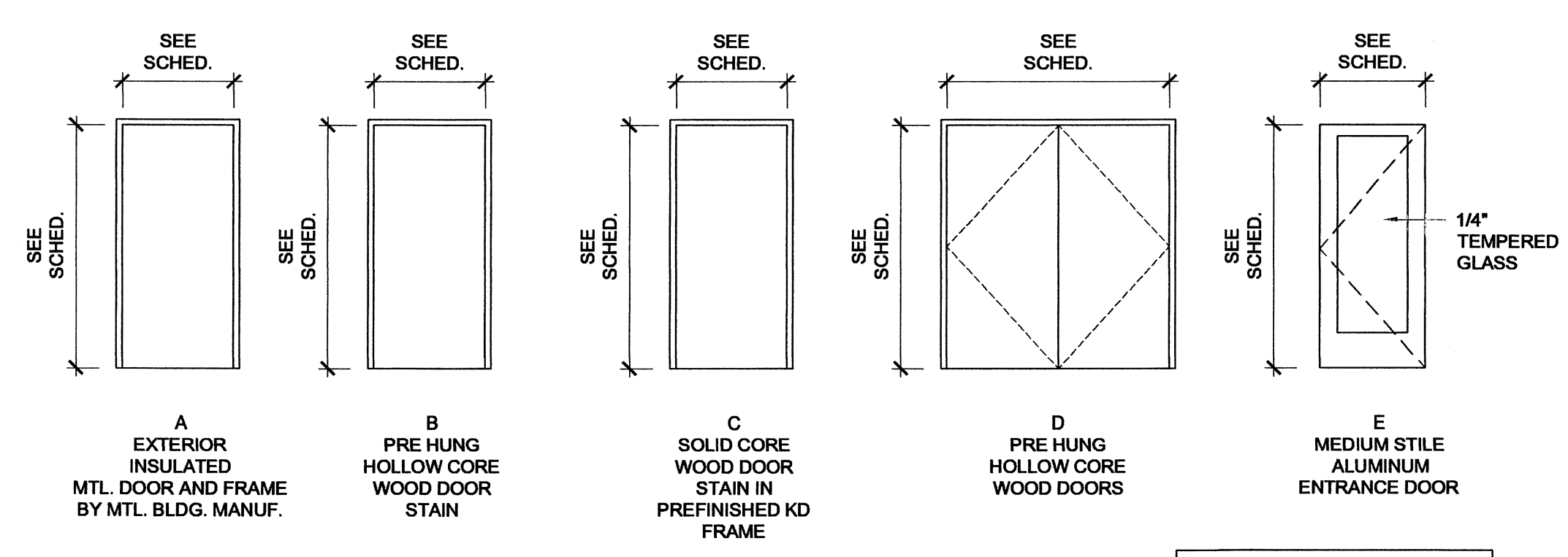
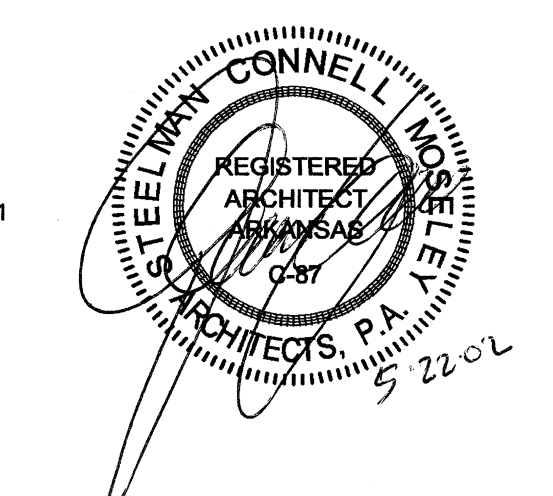


5G WALL SECTION
 Scale: 3/4" = 1'-0"

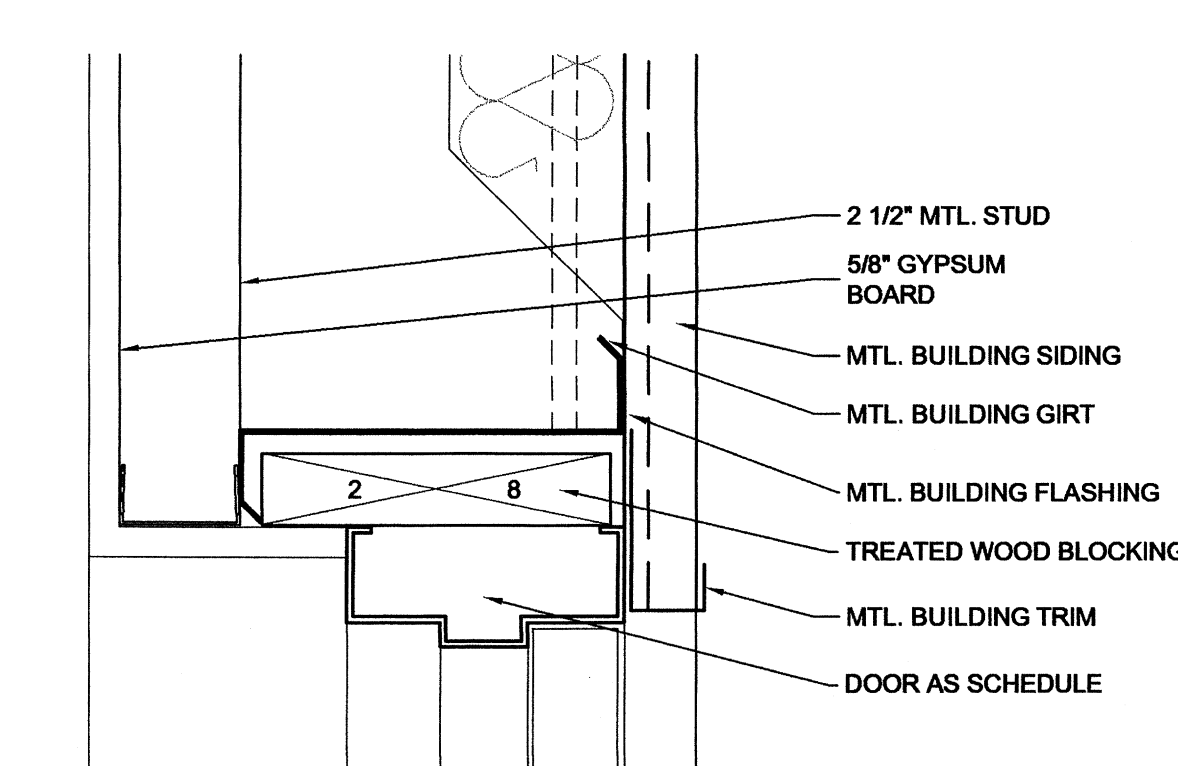
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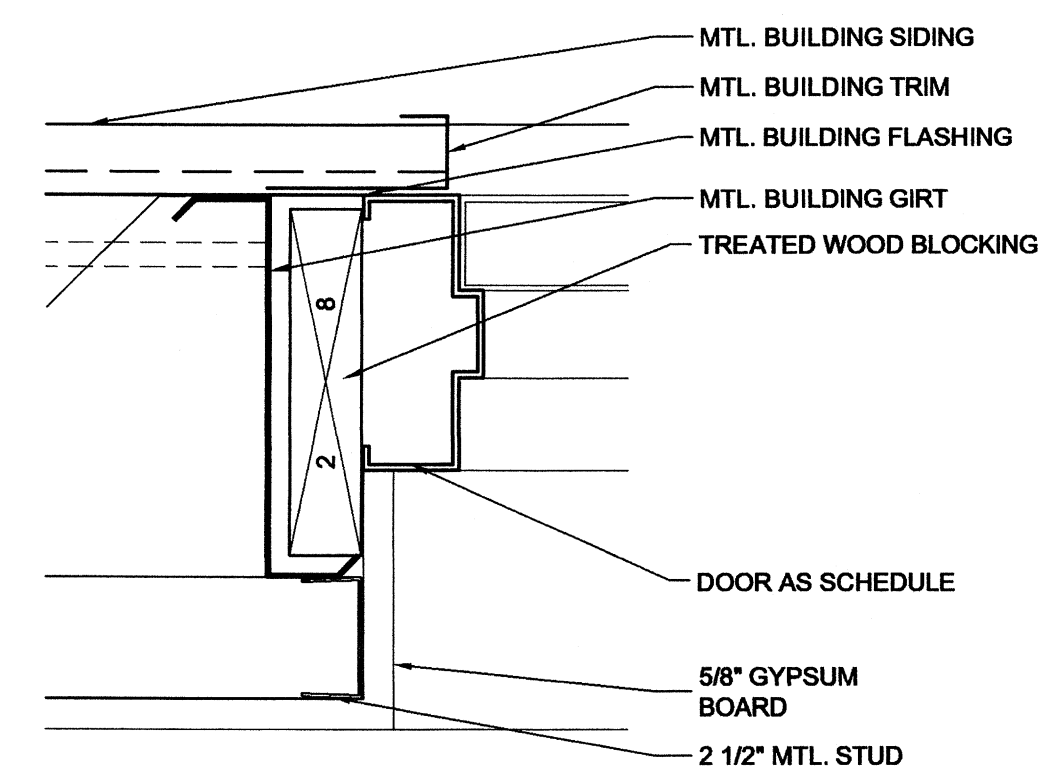
PROJECT NO. 02004
 DATE: May 22, 2002
Wall Sections



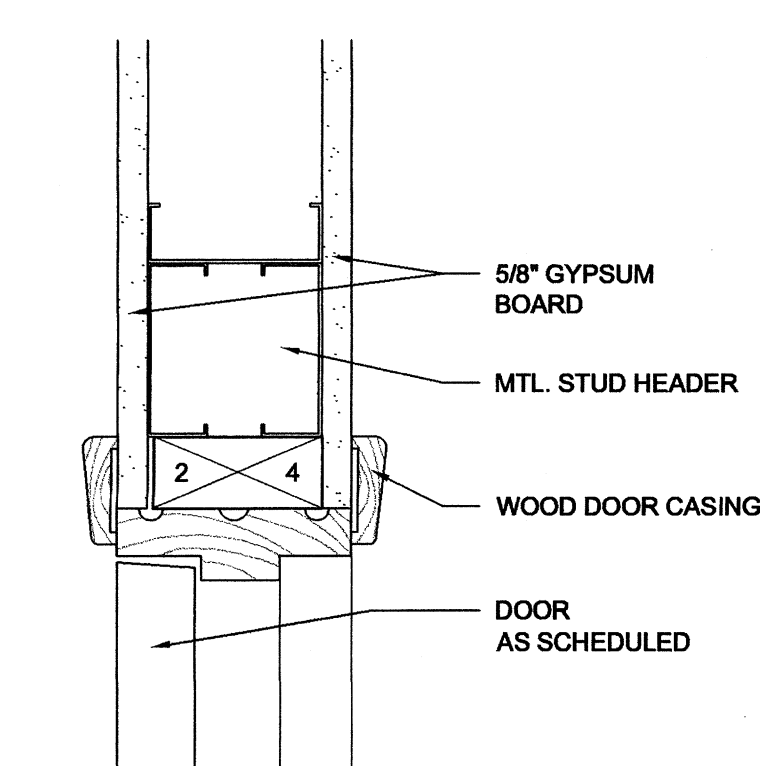
2A Door Elevations
 Scale: 1/4" = 1'-0"



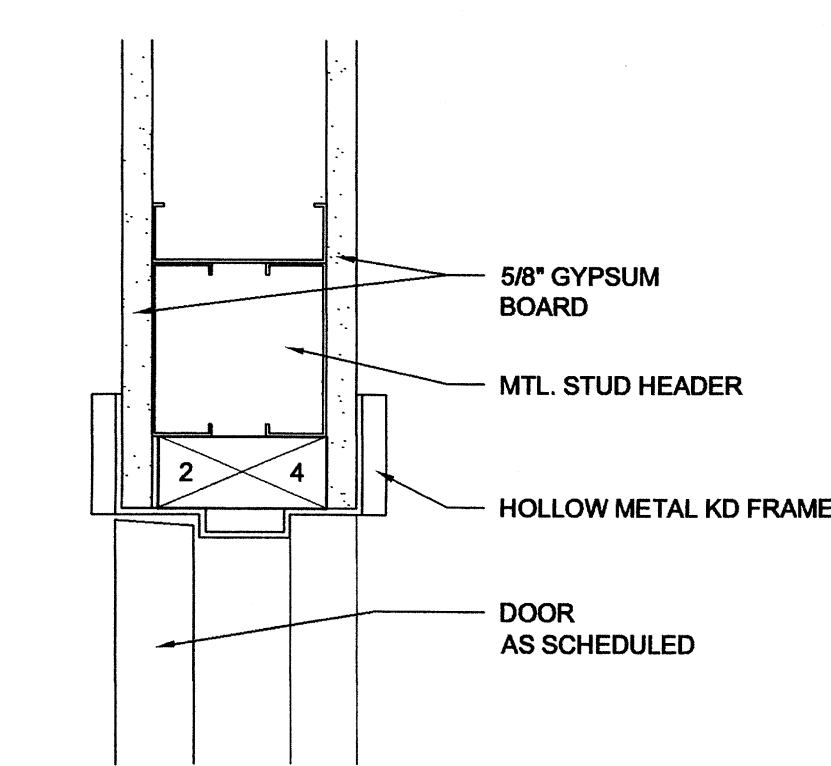
3A Door Head
 Scale: 3" = 1'-0"



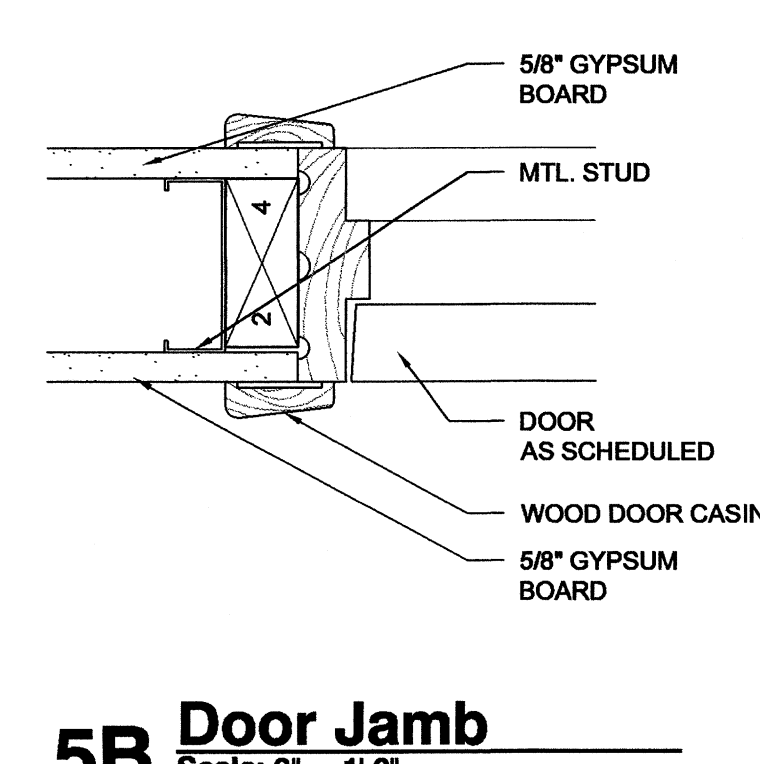
4A Door Jamb
 Scale: 3" = 1'-0"



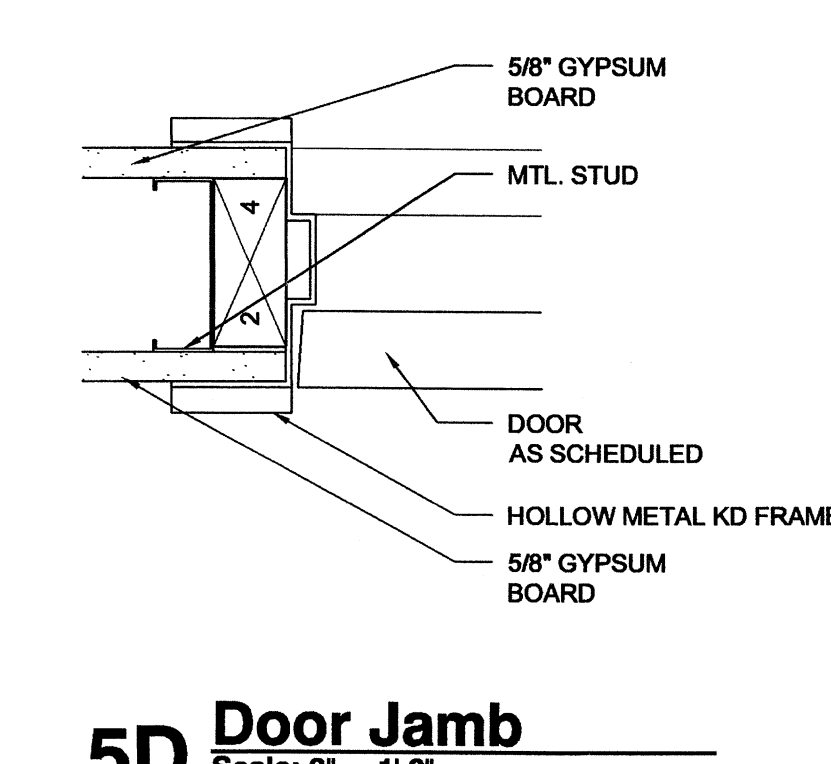
4B Door Head
 Scale: 3" = 1'-0"



4D Door Head
 Scale: 3" = 1'-0"

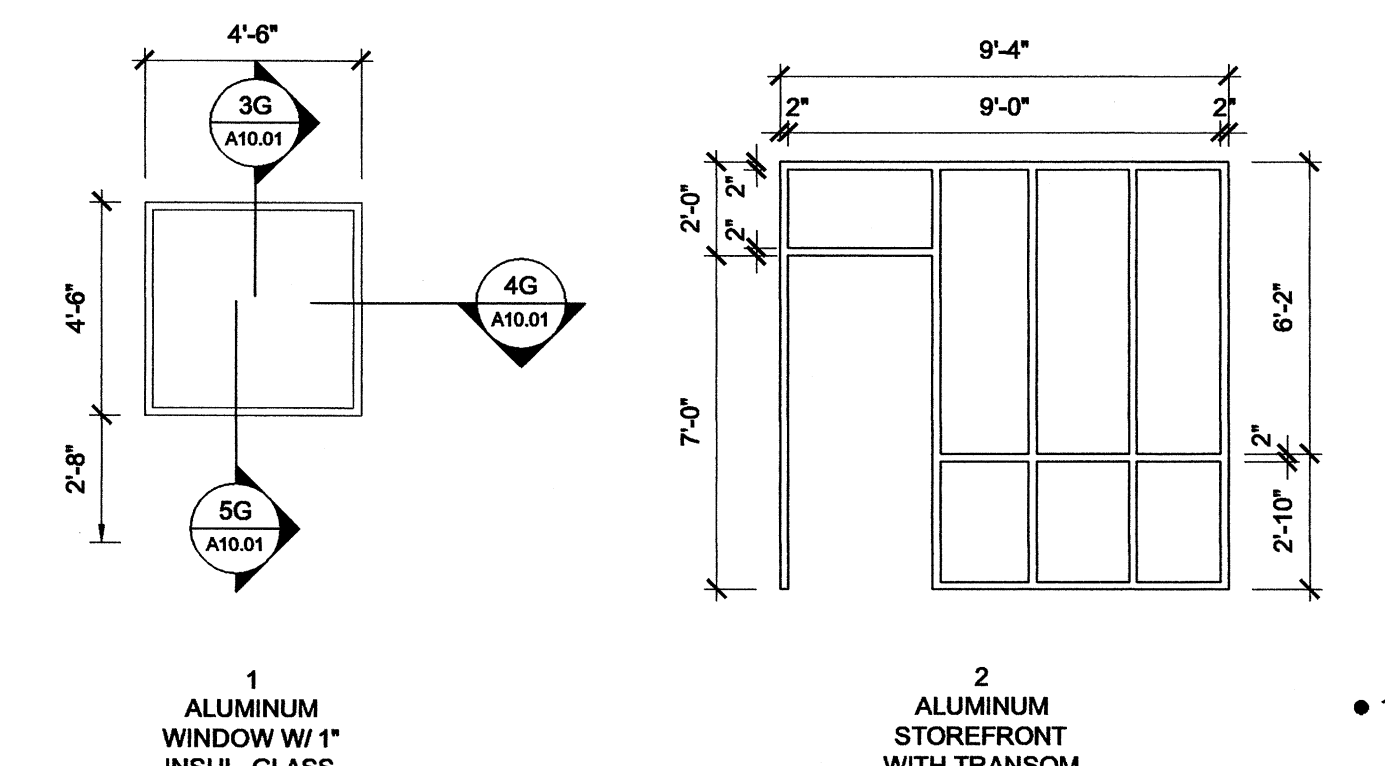


5B Door Jamb
 Scale: 3" = 1'-0"

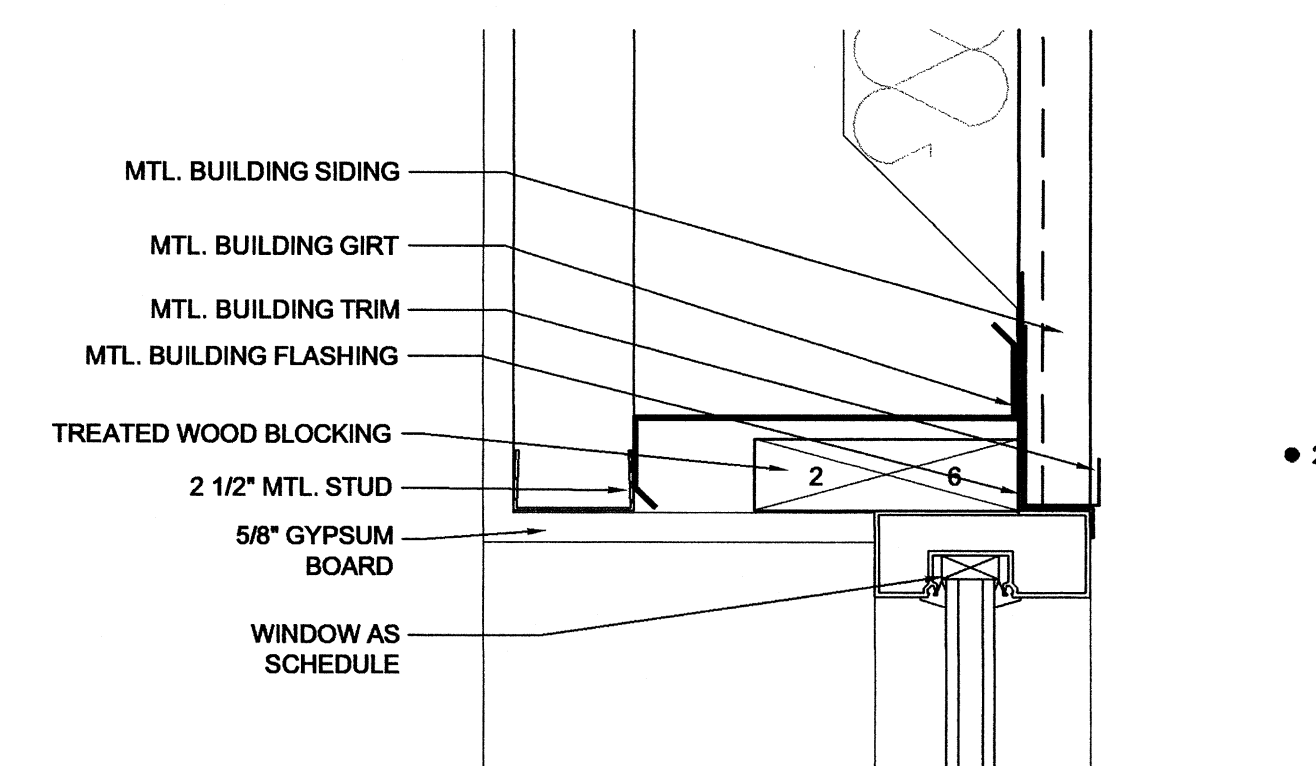


5D Door Jamb
 Scale: 3" = 1'-0"

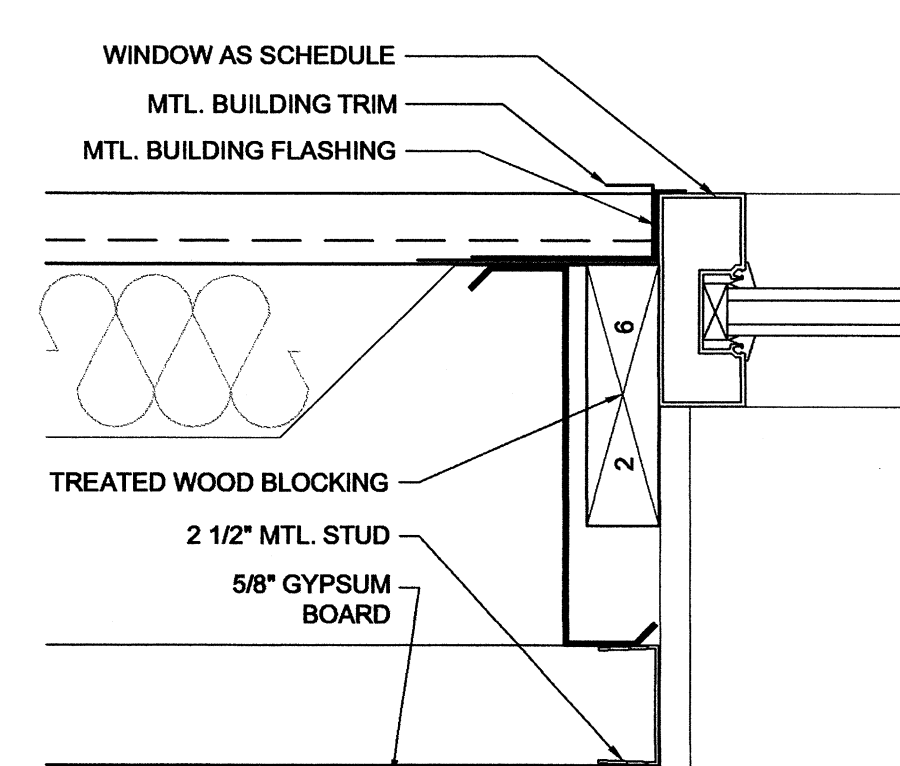
DOOR AND FRAME SCHEDULE										
No.	TYPE	DOOR			FRAME			HRDW. SET	REMARKS	
		WIDTH	HEIGHT	THK.	HEAD	JAMB	SILL			
001	E	3'-0"	7'-0"	1 3/4"	3A/A10.01	4A/A10.01	5A/A10.01	-	1	
002	A	3'-0"	7'-0"	1 3/4"	3A/A10.01	4A/A10.01	5A/A10.01	-	1	
003	F	9'-0"	8'-0"	1 3/4"	-	-	-	-	-	ALL HARDWARE TO BE SUPPLIED BY OVERHEAD DOOR MANUF.
004	A	3'-0"	7'-0"	1 3/4"	3A/A10.01	4A/A10.01	5A/A10.01	-	3	
005	A	3'-0"	7'-0"	1 3/4"	3A/A10.01	4A/A10.01	5A/A10.01	-	2	
006	A	3'-0"	7'-0"	1 3/4"	3A/A10.01	4A/A10.01	5A/A10.01	-	2	
007	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	4	
008	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	4	
009	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	8	
010	B	3'-0"	7'-0"	1 3/4"	4B/A10.01	5B/A10.01	-	20 MIN.	8	
011	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	8	
012	B	3'-0"	7'-0"	1 3/4"	4B/A10.01	5B/A10.01	-	20 MIN.	8	
013	B	3'-0"	7'-0"	1 3/4"	4B/A10.01	5B/A10.01	-	20 MIN.	8	
014	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	8	
015	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	4	
016	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	4	
017	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	4	
018	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	8	
019	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	8	
020	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	8	
021	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	6	
022	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	8	
023	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	6	
024	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	5	
025	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	4	
026	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	4	
027	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	8	
028	B	3'-0"	7'-0"	1 3/4"	4B/A10.01	5B/A10.01	-	20 MIN.	10	
029	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	4	
030	B	3'-0"	7'-0"	1 3/4"	4B/A10.01	5B/A10.01	-	20 MIN.	10	
031	B	3'-0"	7'-0"	1 3/4"	4B/A10.01	5B/A10.01	-	20 MIN.	7	
032	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	8	
033	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	8	
034	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	4	
035	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	8	
036	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	8	
037	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	5	
038	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	8	
039	B	3'-0"	7'-0"	1 3/4"	4B/A10.01	5B/A10.01	-	20 MIN.	10	
040	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	4	
041	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	4	
042	B	3'-0"	7'-0"	1 3/4"	4B/A10.01	5B/A10.01	-	20 MIN.	10	
043	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	6	
044	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	4	
045	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	4	
046	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	5	
047	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	5	
048	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	5	
049	D	PR 3'-0"	7'-0"	1 3/4"	4B/A10.01	5B/A10.01	-	20 MIN.	9	
050	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	8	
051	C	3'-0"	7'-0"	1 3/4"	4D/A10.01	5D/A10.01	-	20 MIN.	4	



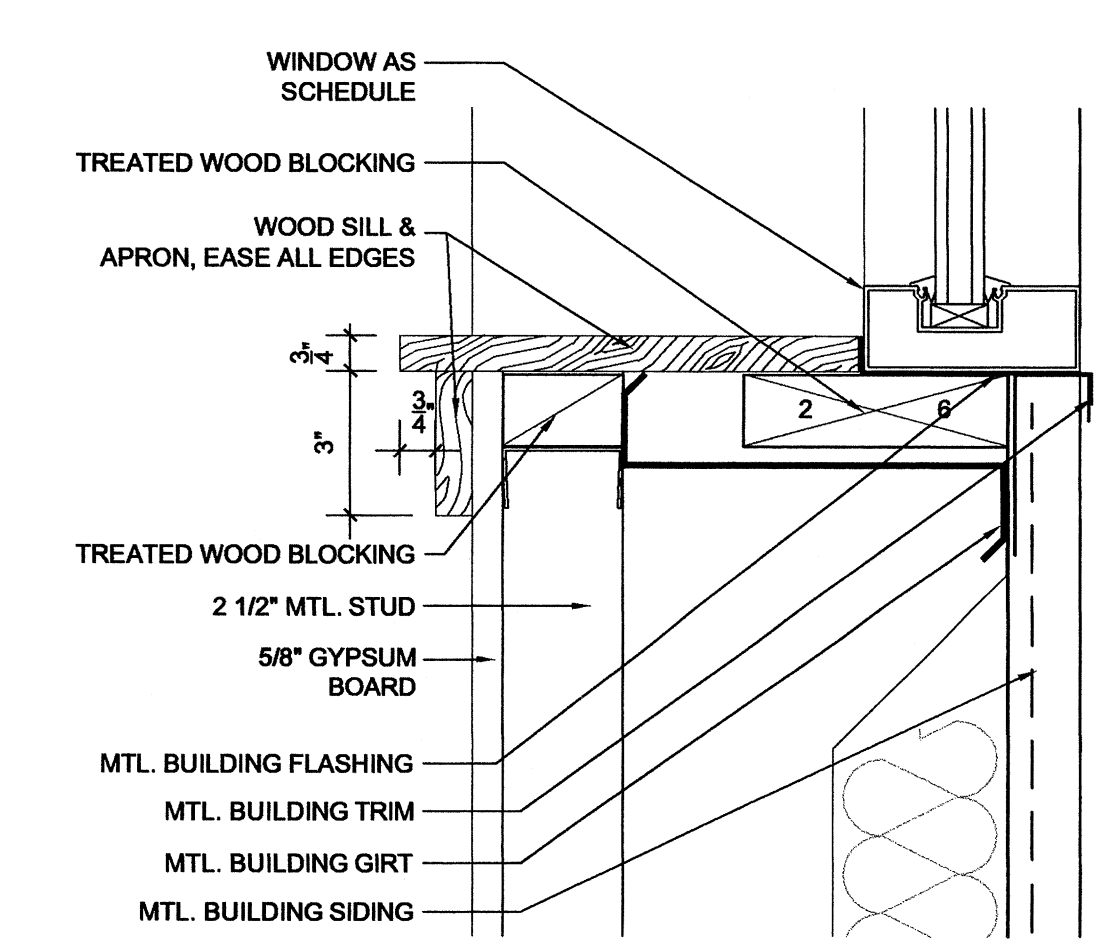
1F Window Elevations Scale: 1/4" = 1'-0"
1G Window Elevations Scale: 1/4" = 1'-0"



3G Window Head
 Scale: 3" = 1'-0"



4G Window Jamb
 Scale: 3" = 1'-0"

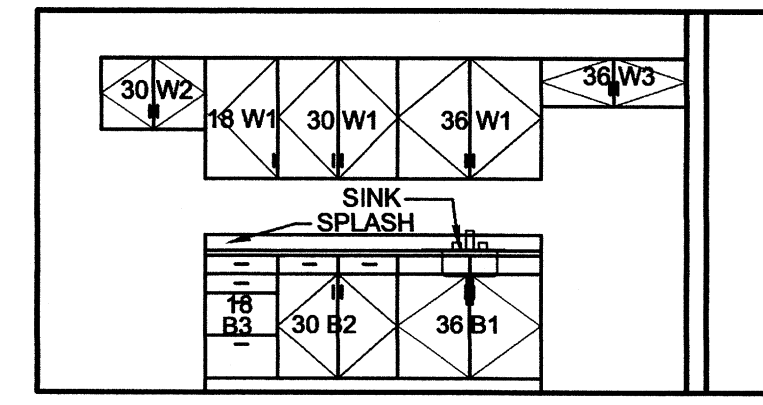
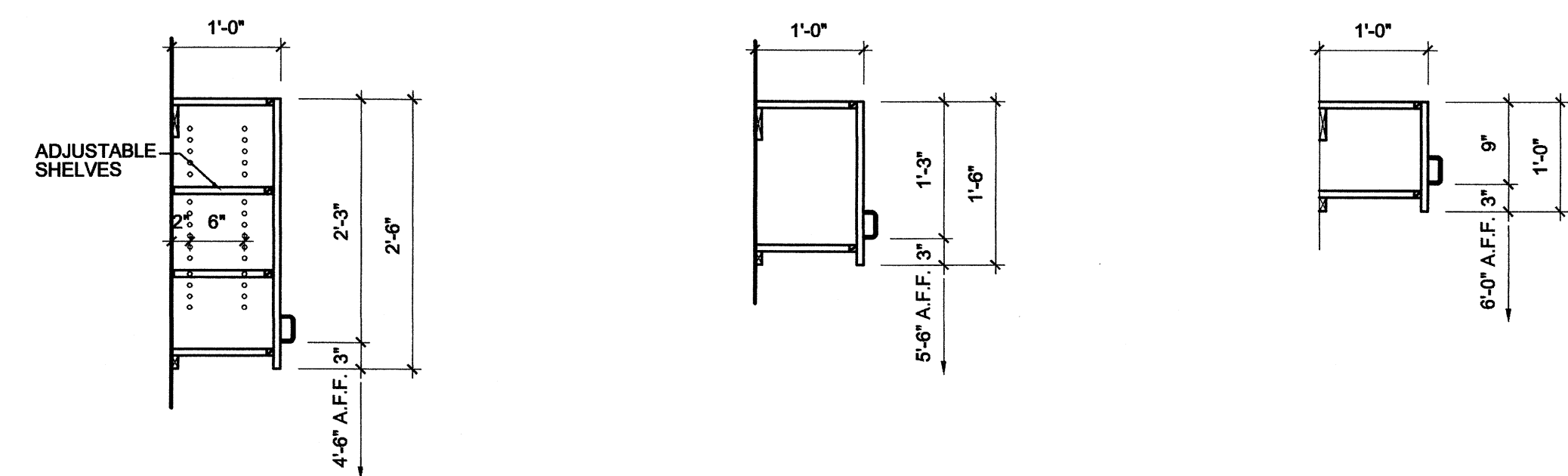
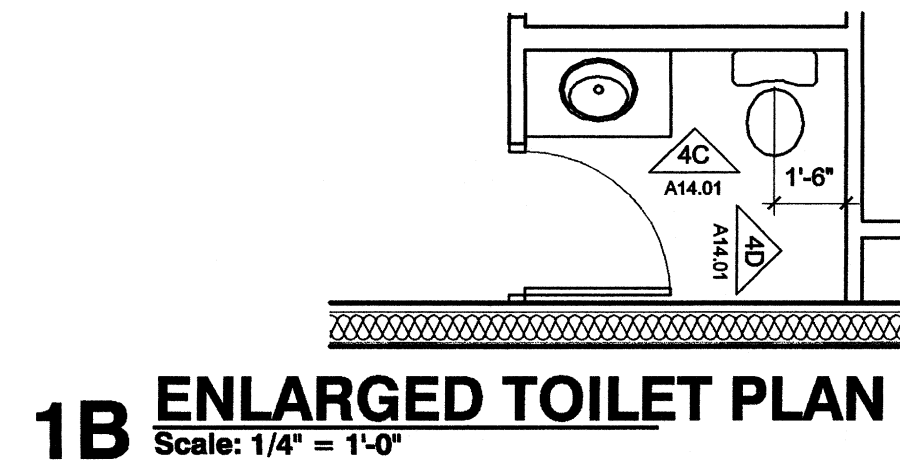
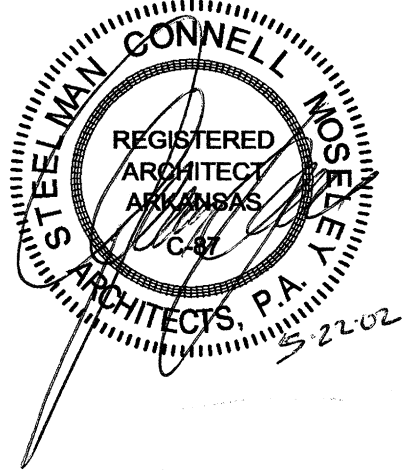


5G Window Sill
 Scale: 3" = 1'-0"

Childhood Services Building
 Arkansas State University
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REVISIONS:

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 DATE: May 22, 2002
Door & Frame Schedule
Window Schedule
Details



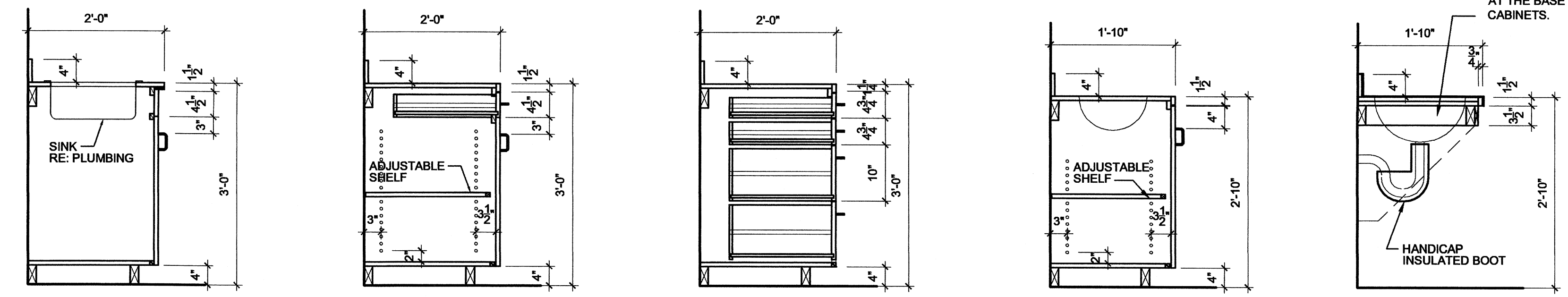
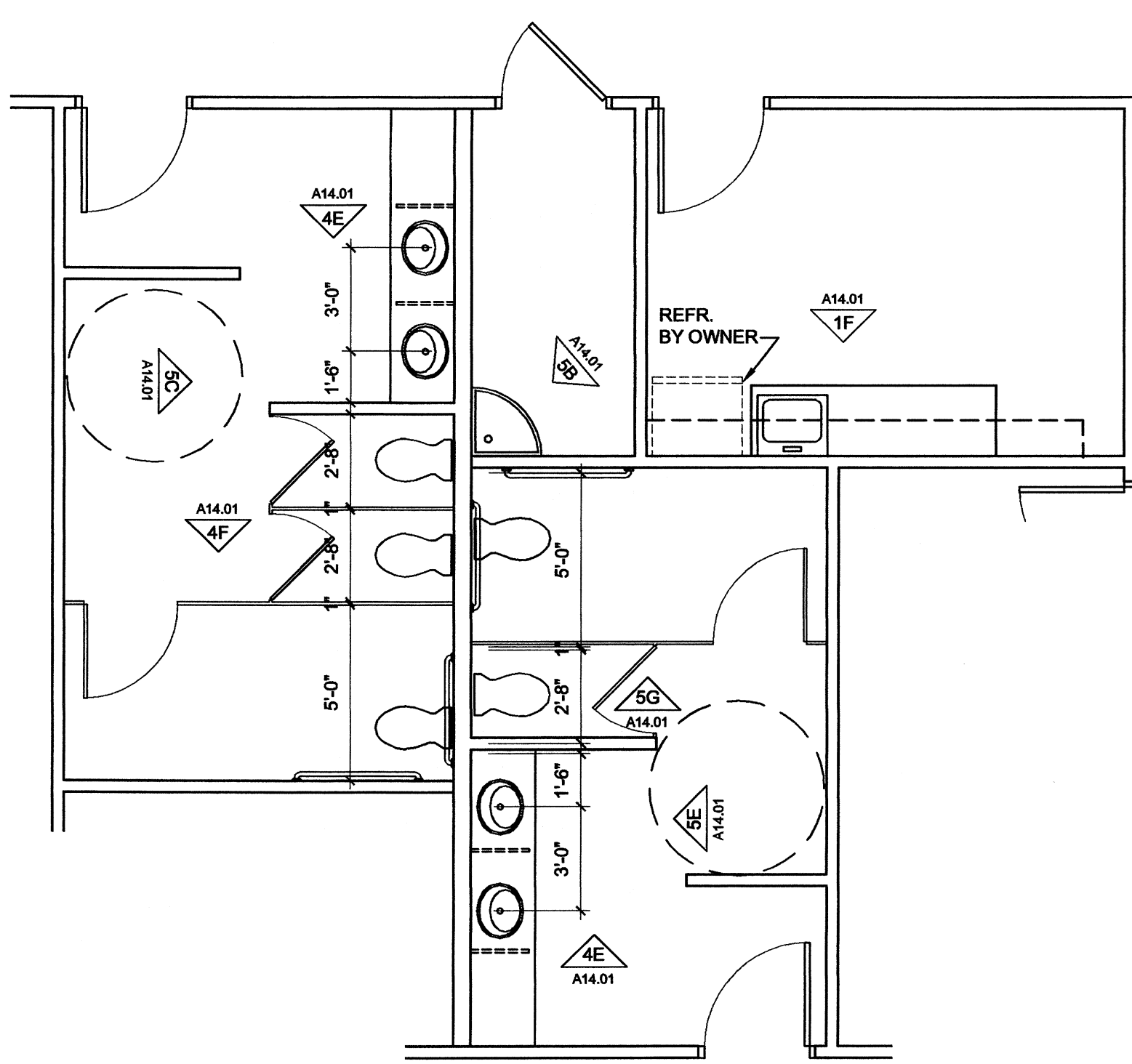
MILLWORK NOTATION SYSTEM

36 B7

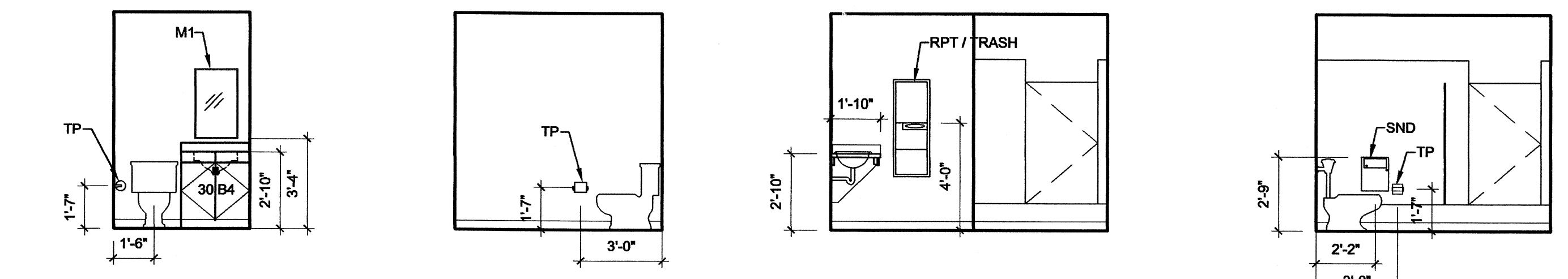
WIDTH OF MILLWORK UNIT (WIDTH IN INCHES) TYPE OF MILLWORK UNIT (SEE SHEET A14.02)

MILLWORK UNIT CODE

WF - WOOD FILLER PANEL
W - WALL OR UPPER CABINET
B - BASE CABINET
KS - KNEE SPACE
KT - KEYBOARD TRAY (@ EA. KNEE SPACE)
G - GROMMETTED HOLE (@ EA. KNEE SPACE)
FD - FURR DOWN
CO - CASED OPENING
SH - SHELVING UNIT



2X WOOD SUPPORT AT EACH END OF COUNTERTOP, NOT AT THE BASE CABINETS.

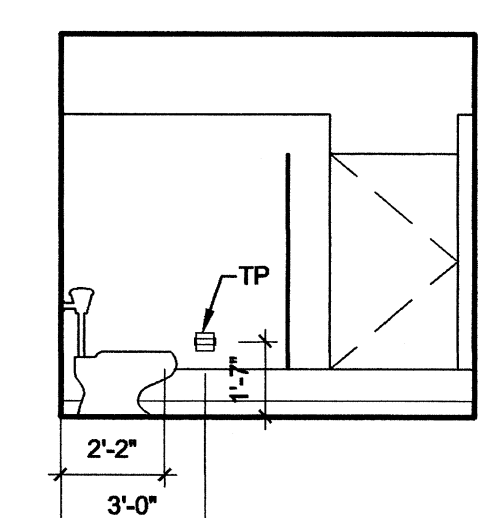
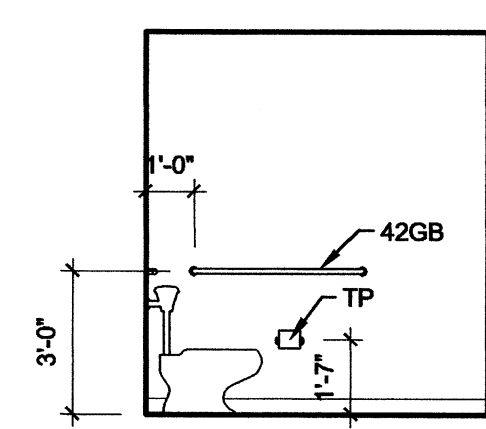
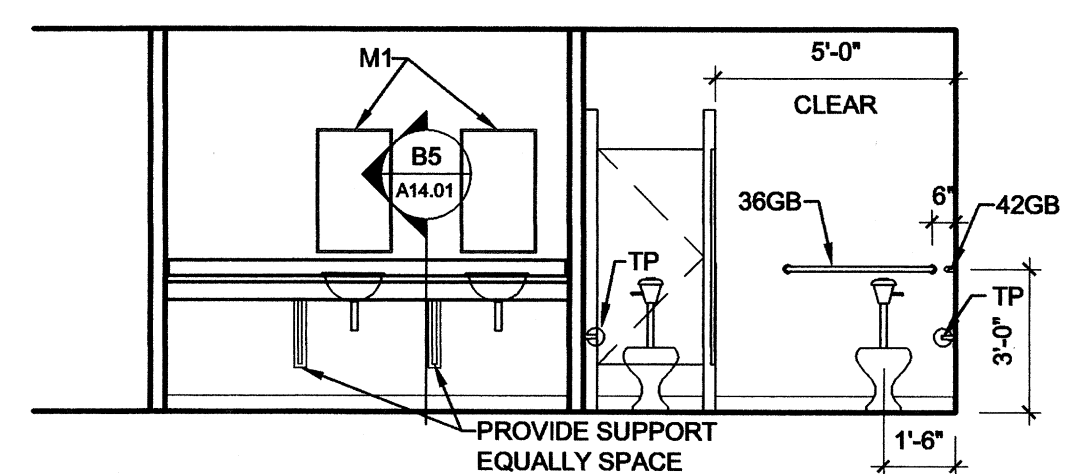
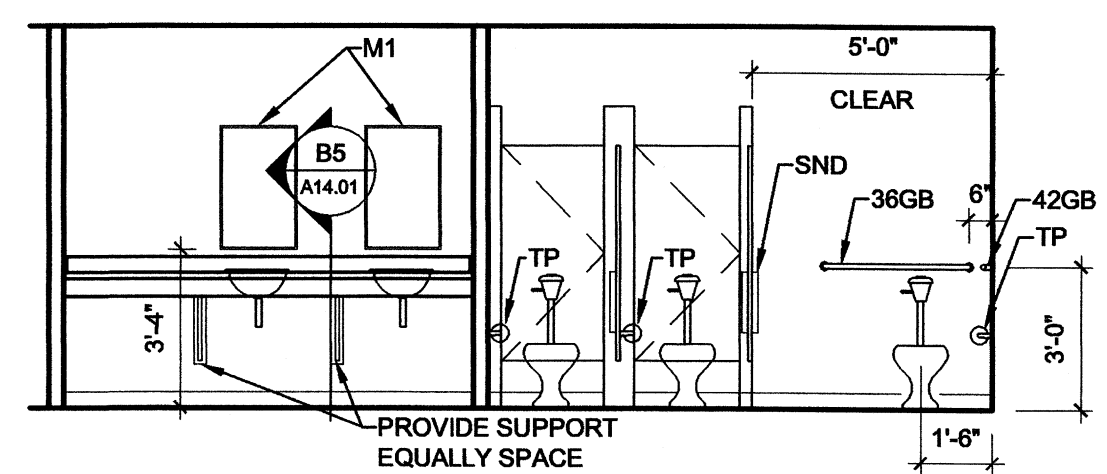
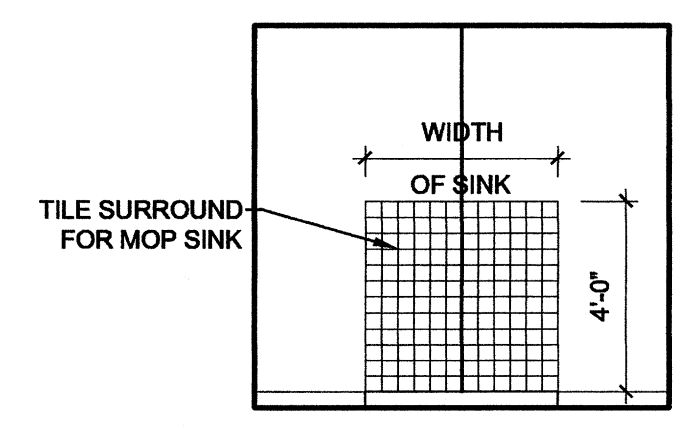


TOILET ACCESSORY SCHEDULE

KEY	FIXTURE DESCRIPTION	MANUF. & MODEL #	FINISH
TP	TOILET PAPER DISPENSER	PROVIDED AND INSTALLED BY OWNER CONTRACTOR TO PROVIDE BLOCKING IN WALLS ONLY	STAINLESS STEEL
M1	MIRROR	1'-6" W x 2'-6" H BANDED EDGE MIRROR	STAINLESS STEEL
36GB	36" GRAB BAR	BOBRICK B-6206.99 X 36 INCH 3'-0" A.F.F. AND 6" OFF WALL	STAINLESS STEEL
42GB	42" GRAB BAR	BOBRICK B-6206.99 X 42 INCH 3'-0" A.F.F. AND 12" OFF WALL	STAINLESS STEEL
24GB	24" GRAB BAR	BOBRICK B-6206.99 X 24 INCH 3'-0" A.F.F.	STAINLESS STEEL
RPT/ TRASH	RECESSED PAPER TOWEL DISPENSER & TRASH RECEPTACLE	BOBRICK B-3942 4'-0" A.F.F. TO TOWEL DISPENSER	STAINLESS STEEL
SND	SANITARY NAPKIN DISPOSAL	BOBRICK B-354 PARTITION MOUNTED SANITARY NAPKIN DISPOSAL	STAINLESS STEEL

ACCESSORY NOTES:

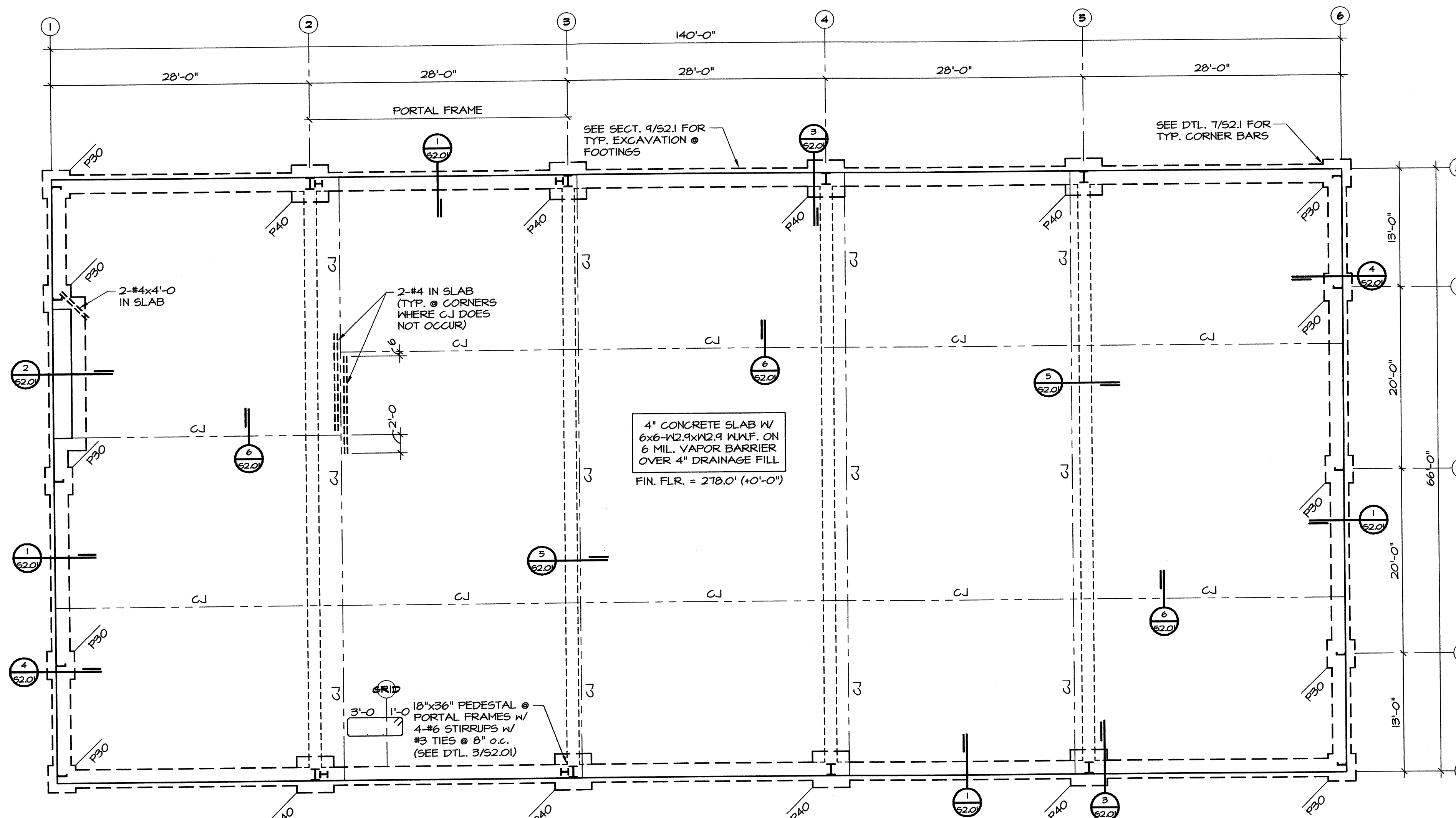
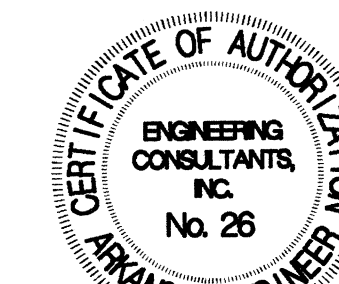
- REFER TO MOUNTING HEIGHTS ABOVE UNLESS NOTED OTHERWISE ON ENLARGED PLANS OR INTERIOR ELEVATIONS
- FIELD VERIFY WALL WIDTHS.
- BOBRICK IS SPECIFIED AS A STANDARD OF PRODUCT. BRADLEY MAY BE SUBSTITUTED AS AN EQUAL. ALL OTHER MANUFACTURERS MUST BE SUBMITTED FIVE DAYS BEFORE BID FOR PRIOR APPROVAL PER SECTION 01300 OF THE SPECIFICATIONS.



REVISIONS:

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Millwork Sections and Details

Childhood Services Building
Arkansas State University
Jonesboro, Arkansas



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

4" CONCRETE SLAB W/
6x6-W2.4xW2.9 W.W.F. ON
6 MIL. VAPOR BARRIER
OVER 4" DRAINAGE FILL
FIN. FLR. = 278.0' (4'-0")

18"x36" PEDESTAL @
PORTAL FRAMES W/
4-#6 STIRRUPS W/
#3 TIES @ 8" o.c.
(SEE DTL. 3/52.01)

METAL BUILDING NOTES

- METAL BUILDING VERTICAL BRACING SHALL CONSIST OF PORTAL FRAMES AT LOCATIONS SHOWN ON PLANS. METAL BUILDING MANUFACTURER SHALL COORDINATE LOCATION OF ALL BRACES TO MINIMIZE INTERFERENCE WITH ARCHITECTURAL FEATURES. ROD OR CABLE BRACES MAY NOT BE SUBSTITUTED WHERE PORTAL FRAMES ARE SHOWN.
- MAXIMUM PURLIN LIVE LOAD DEFLECTION SHALL NOT EXCEED SPAN/360 OR 1", WHICHEVER IS SMALLER.
- FRAME LIVE LOAD DEFLECTION SHALL NOT EXCEED SPAN/360.
- MAXIMUM GIRT LATERAL DEFLECTION FROM WIND OR SEISMIC LOADS SHALL NOT EXCEED SPAN/240 FOR GIRTS PROVIDING LATERAL SUPPORT FOR METAL SIDING ONLY.
- MAXIMUM BUILDING SIDESWAY (DRIFT) FROM WIND OR SEISMIC LOADS SHALL NOT EXCEED WALL HEIGHT/240.
- DESIGN LOADS:
ROOF DEAD LOAD: ACTUAL WEIGHT OF COMPONENTS SUPPLIED BY METAL BUILDING MANUFACTURER (FRAMES, PURLINS, ROOF DECK, INSULATION, BRACINGS, ETC.)
COLLATERAL LOAD: WEIGHT OF HANGING EQUIPMENT, SPRINKLERS, DUCTS, LIGHTS, CEILING, ETC. (1 PSF MINIMUM COLLATERAL LOAD. TOTAL DEAD LOAD PLUS COLLATERAL LOADS SHALL BE AT LEAST 10 PSF.)
ROOF LIVE LOAD: 20 PSF (PURLINS & FRAMES). LIVE LOAD REDUCTIONS FOR FRAMES WILL NOT BE ALLOWED.
WIND: 80 MPH
SEISMIC: ZONE 3
CODES: 1999 ARKANSAS FIRE PREVENTION CODE
MBMA METAL BUILDING SYSTEMS MANUAL (LATEST EDITION)
- METAL BUILDING FRAMING LAYOUT AND MEMBERS SHOWN ARE SUGGESTED ONLY. MANUFACTURER IS RESPONSIBLE FOR COORDINATING REQUIREMENTS WITH OWNER AND PROVIDING COMPLETE STRUCTURAL FRAMING SYSTEM DESIGNED BY THE MANUFACTURER. METAL BUILDING MANUFACTURER SHALL COORDINATE ALL DIMENSIONS, ELEVATIONS, BRACING, AND SIZES AND SHAPES OF MEMBERS WITH OWNER PRIOR TO FABRICATION AND CONSTRUCTION. ALL MEMBERS, CONNECTIONS, AND DECKING NOT SPECIFICALLY SIZED ON DRAWINGS SHALL BE DESIGNED AND SUPPLIED BY THE METAL BUILDING MANUFACTURER.
- METAL BUILDING MANUFACTURER SHALL PROVIDE CALCULATIONS AND SHOP DRAWINGS STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ARKANSAS, FOR REVIEW PRIOR TO FABRICATION.

GENERAL NOTES:

- THE GENERAL CONTRACTOR SHALL VERIFY THE DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE ARCHITECT/ENGINEER OF RECORD SHALL BE NOTIFIED OF ANY DISCREPANCY.
- THE CONTRACTOR SHALL NOTIFY IN WRITING, THE STRUCTURAL ENGINEER OF RECORD OF CONDITIONS ENCOUNTERED IN THE FIELD CONTRADICTORY TO THOSE SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS.
- FOR DIMENSIONS NOT SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS, SEE THE ARCHITECTURAL DRAWINGS.
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF AT LEAST 3000 PSI AT 28 DAYS. MINIMUM CEMENT CONTENT SHALL BE 470 POUNDS PER CUBIC YARD. MAXIMUM PERMISSIBLE WATER/CEMENT RATIO SHALL BE 0.53. DESIGN MIX MAY CONTAIN HIGH RANGE WATER REDUCERS (ASTM C494, TYPE F OR G). MIX MAY INCLUDE TYPE C FLYASH AS A ONE TO ONE REPLACEMENT FOR PORTLAND CEMENT UP TO A MAXIMUM OF 20% OF CEMENT WHEN WEATHER PERMITS. DO NOT USE FLYASH WHEN TEMPERATURE DURING PLACEMENT OR CURING IS BELOW 60 DEGREES.
- ALL REINFORCING STEEL SHALL BE ASTM A615, GRADE 60.
- GENERAL CONTRACTOR SHALL VERIFY ALL CONCRETE DIMENSIONS, INSERTS, AND OPENINGS WITH ALL TRADES BEFORE PLACING CONCRETE. ALL SLEEVES FOR CONDUIT AND PIPE OR OTHER INSERTS SHALL BE PLACED PRIOR TO PLACING CONCRETE. NO CONCRETE SHALL BE BROKEN OUT TO PLACE ELECTRICAL, MECHANICAL, OR SIMILAR ITEMS WITHOUT PERMISSION OF THE ARCHITECT.
- SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND DETAILS OF DEPRESSED OR RAISED AREAS, EMBEDDED ITEMS, SLOPES, DRAINS, ETC. IN CONCRETE WORK.
- ALL CONCRETE EXPOSED TO WEATHER SHALL CONTAIN 5 1/2% #1/2" AIR ENTRAINMENT. AIR CONTENT SHALL NOT EXCEED 3% IN CONCRETE RECEIVING A STEEL TROWEL FINISH. MINIMUM EXPANSION BOLT EMBEDMENT SHALL BE 5".
- ANCHOR BOLTS SHALL BE ASTM A36. EXPANSION BOLTS SHALL BE ASTM A307. MINIMUM EXPANSION BOLT EMBEDMENT SHALL BE 5".
- CONTRACTOR SHALL PROVIDE TEMPORARY GUYS AND BRACING AS REQUIRED DURING CONSTRUCTION. STRUCTURE IS NOT STABLE UNTIL ALL STRUCTURAL MEMBERS, CONNECTIONS, AND DECKING ARE IN PLACE.
- ACI, AISI, AND AISI-S308 SPECIFICATIONS SHALL GOVERN ALL PHASES OF FABRICATION AND CONSTRUCTION.
- REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS BY THE STRUCTURAL ENGINEER OF RECORD DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL TO THE STRUCTURAL ENGINEER OF RECORD. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS. CONTRACTOR ALSO SHALL BE RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.
- PROVIDE A MINIMUM OF 4" COVER FOR ANCHOR BOLTS AND LOCATE HORIZONTAL REINFORCEMENT AND TIES TO THE OUTSIDE FOR ANCHOR BOLT CONTAINMENT, UNLESS NOTED OTHERWISE.

FOUNDATION NOTES

- FOOTINGS SHALL BEAR AT LEAST 2'-0" BELOW FINISH GRADE ON AT LEAST 2'-0" OF COMPACTED SELECT FILL OR ON THE STIFF SILTY CLAYS (STRATUM III) WITH A NET ALLOWABLE SOIL BEARING CAPACITY OF AT LEAST 1500 PSF. (REF. GEOTECHNICAL INVESTIGATION BY GARNER ENGINEERING DATED MAY 23, 2002.)
- EXCAVATION FOR FOOTINGS SHALL BE CUT TO ACCURATE SIZE AND DIMENSIONS AS SHOWN ON PLANS. ALL SOIL BELOW SLABS AND FOOTINGS SHALL BE PROPERLY COMPACTED AND SUBGRADE BROUGHT TO A REASONABLE TRUE AND LEVEL PLANE BEFORE PLACING CONCRETE.
- AFTER EXCAVATION FOR FOUNDATIONS AND PRIOR TO PLACEMENT OF STEEL REINFORCEMENT OR CONCRETE, NOTIFY SOILS ENGINEER FOR INSPECTION OF SOIL CONDITIONS.
- SOFT SOILS ENCOUNTERED BENEATH THE BUILDING SHALL BE UNDERCUT AND REPLACED WITH PROPERLY COMPACTED, LOW PLASTICITY, SELECT FILL.
- ALL UNDERCUTTING, SITE PREPARATION, FILL SELECTION, BACKFILLING AND COMPACTION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE RECOMMENDATIONS OF THE SOILS ENGINEER.
- ALL FILL SHALL BE COMPACTED TO AT LEAST 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D1557).
- BOTTOM OF FOOTING ELEVATIONS SHOWN ARE ESTIMATES AND ARE NOT NECESSARILY TO BE USED FOR CONSTRUCTION. LOWER BOTTOM OF FOOTING ELEVATIONS PER THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS TO ACHIEVE PROPER BEARING CAPACITY AND AS NECESSARY TO PROVIDE FOOTING COVER BELOW FINAL FINISH GRADE.

SEISMIC NOTES:

THE FOUNDATIONS HAVE BEEN DESIGNED TO RESIST SEISMIC FORCES PER THE 1999 ARKANSAS FIRE PREVENTION CODE IN ACCORDANCE WITH THE REQUIREMENTS OF ACT 1100 OF THE 1991 ARKANSAS STATE LEGISLATURE, WITH THE MODIFICATIONS OF ACT 1485 OF 1991. THE REQUIRED SEISMIC DATA IS AS FOLLOWS:

SEISMIC ZONE PER ACT 1100 OF 1991 FOR THE STRUCTURE:	3
PEAK VELOCITY RELATED ACCELERATION A _v :	0.25
PEAK ACCELERATION A _p :	0.25
SEISMIC HAZARD EXPOSURE GROUP:	1
SEISMIC PERFORMANCE CATEGORY:	D
SOIL PROFILE TYPE:	S2
BASIC STRUCTURAL SYSTEM:	MOMENT RESISTING FRAME SYSTEM
SEISMIC RESISTING SYSTEM:	ORDINARY MOMENT FRAMES OF STEEL
RESPONSE MODIFICATION FACTOR R _s :	4.2
DEFLECTION AMPLIFICATION FACTOR, C _d :	4
ANALYSIS PROCEDURE UTILIZED:	1607.4

SEE MTL. BLDG. MFR. FOR SEISMIC DESIGN OF MTL. BLDG.

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PROJECT NO.

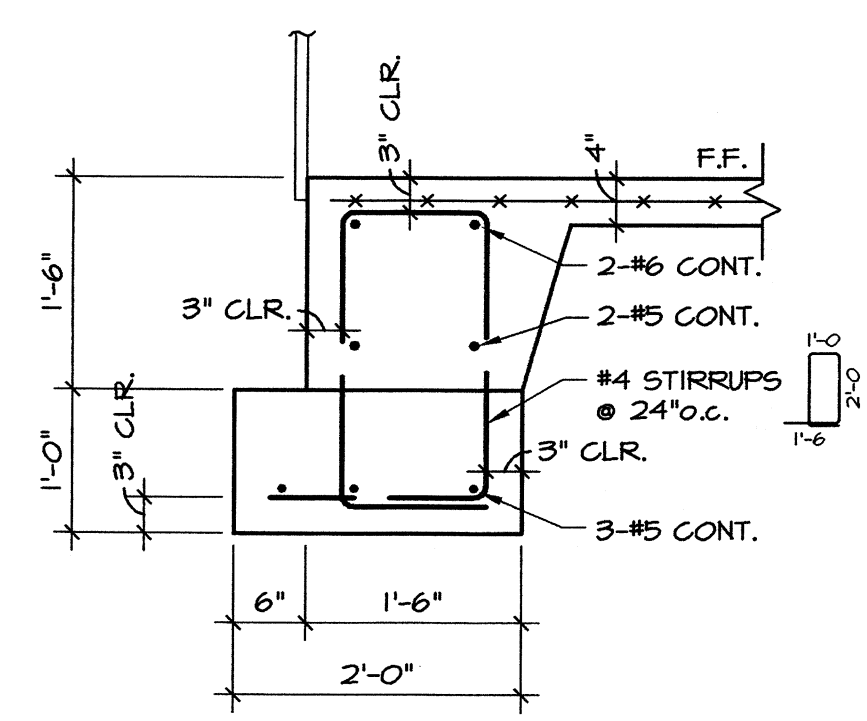
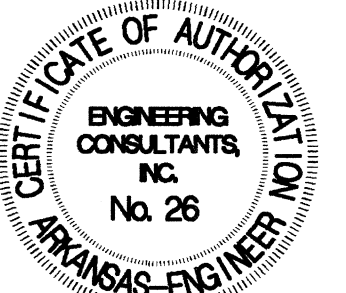
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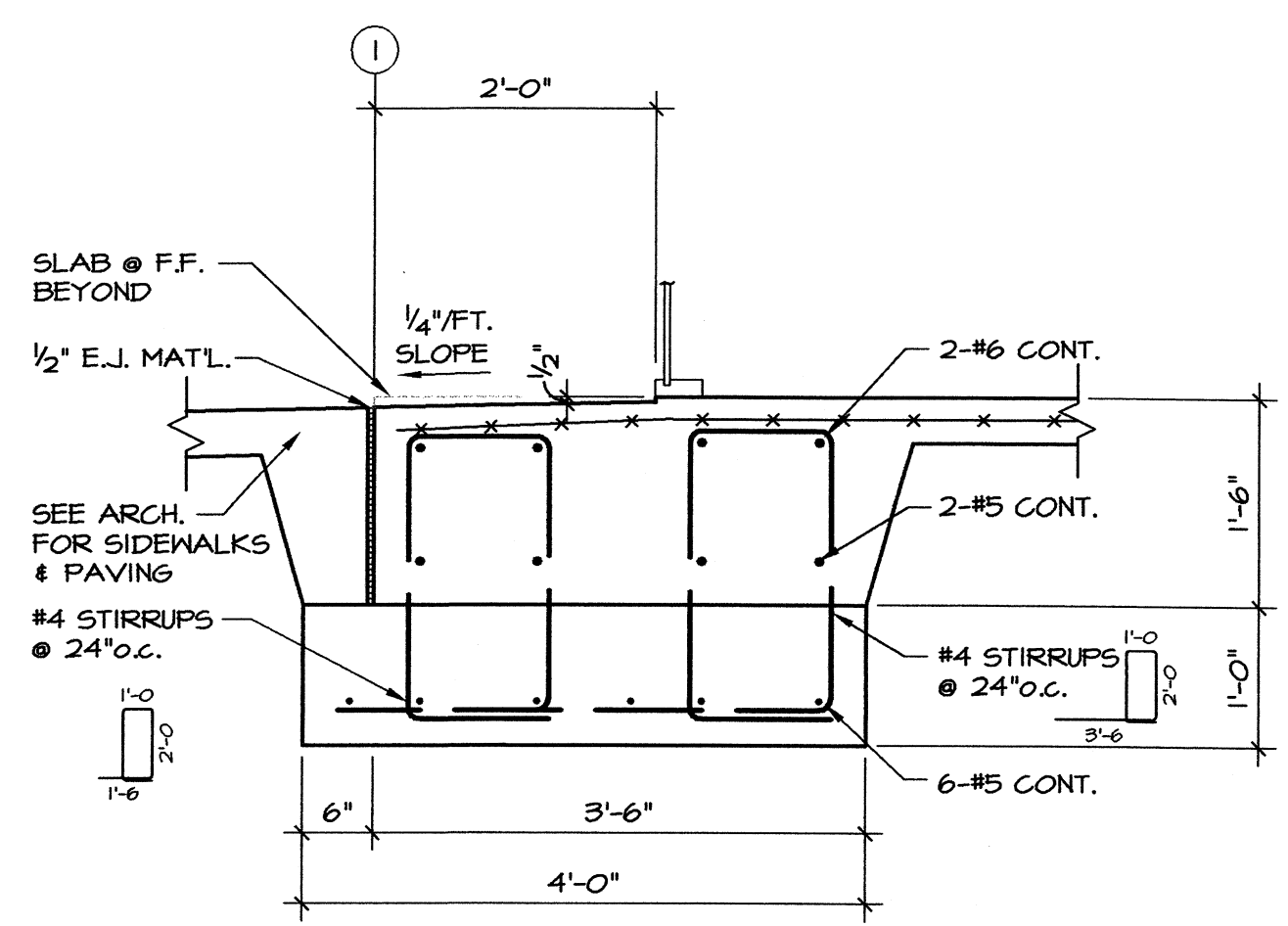
May 22, 2002

FOUNDATION PLAN

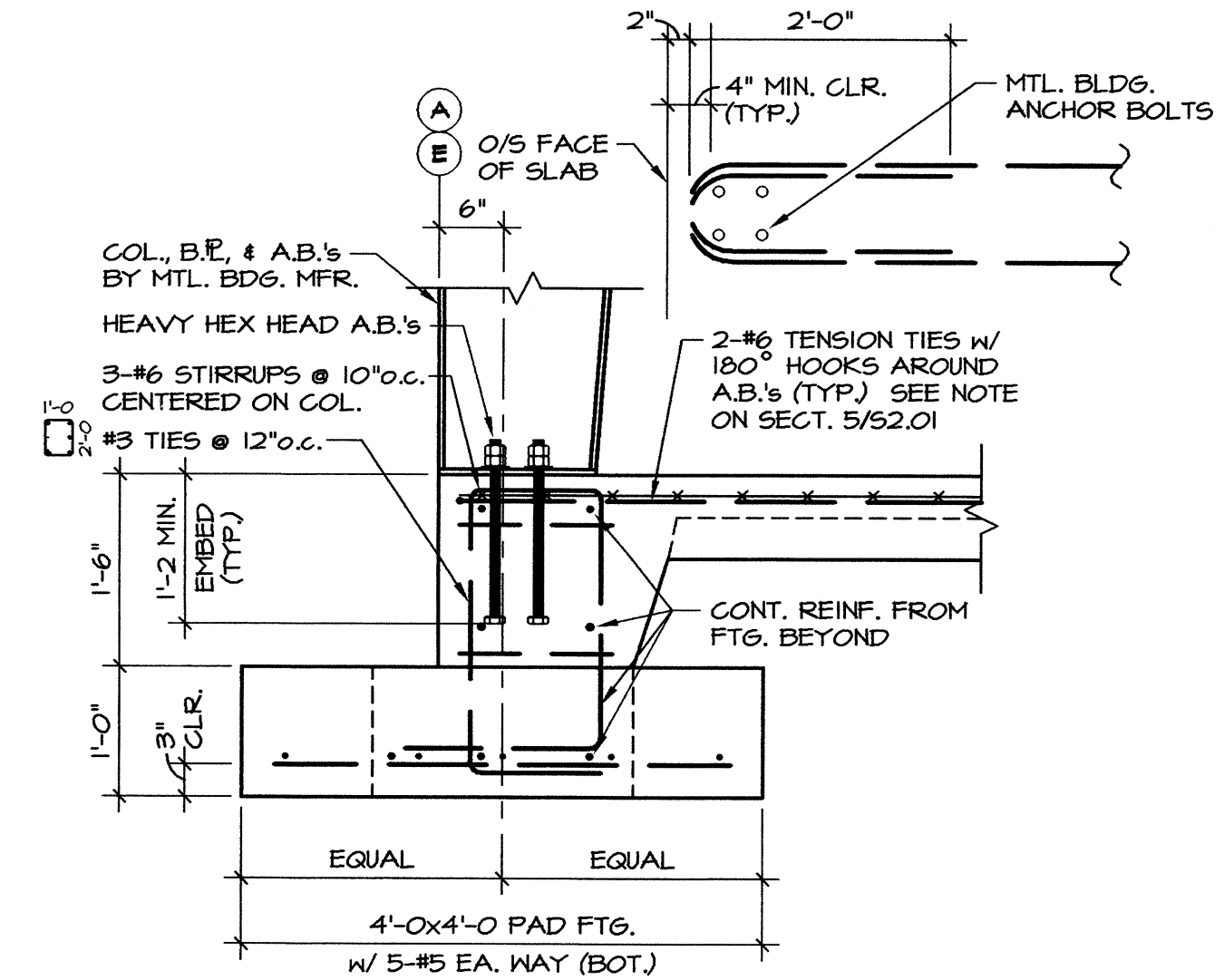
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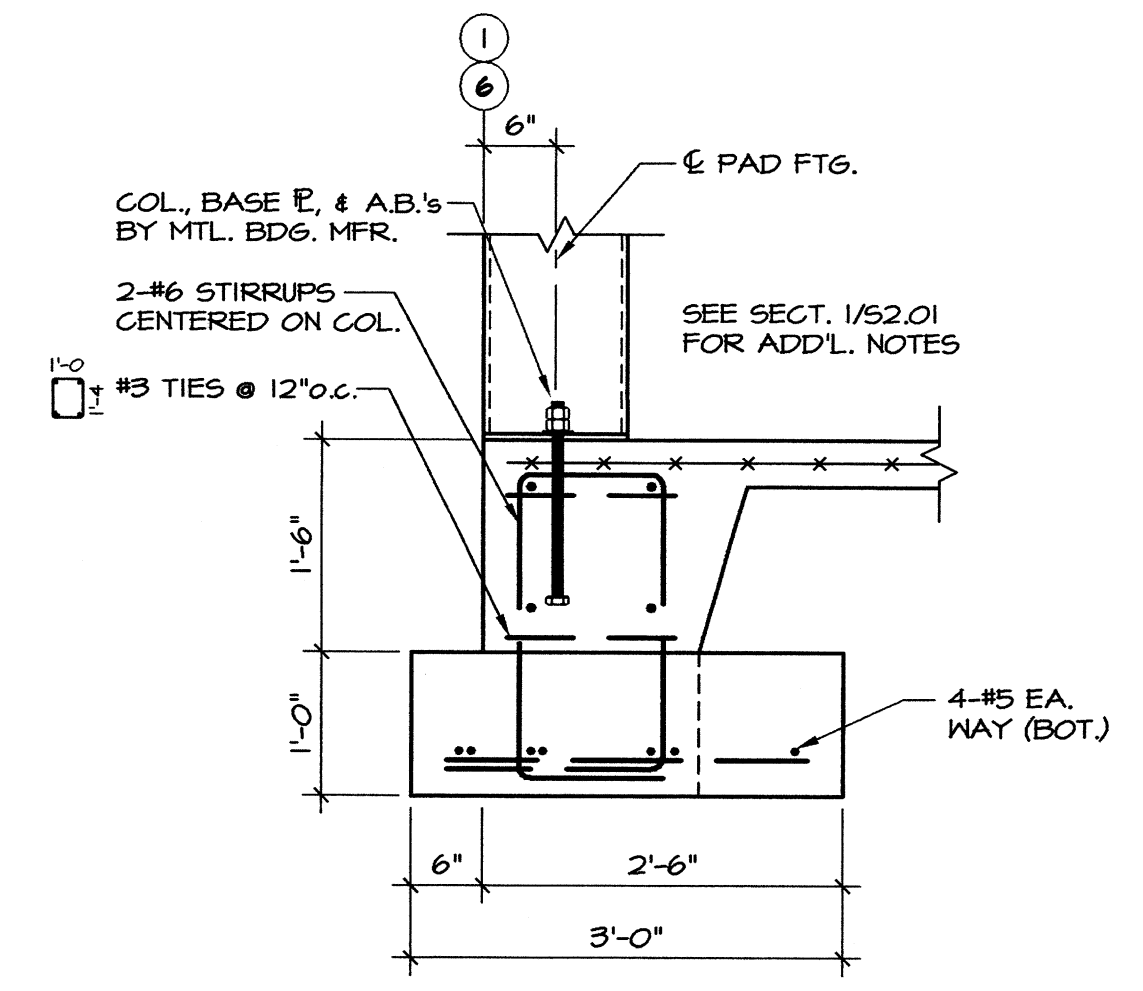
1 SECTION
3/4"=1'-0"



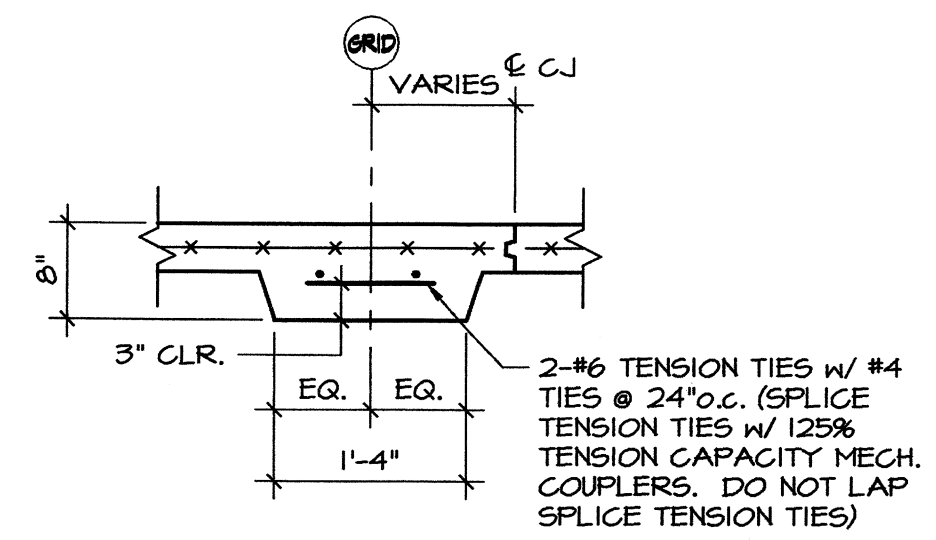
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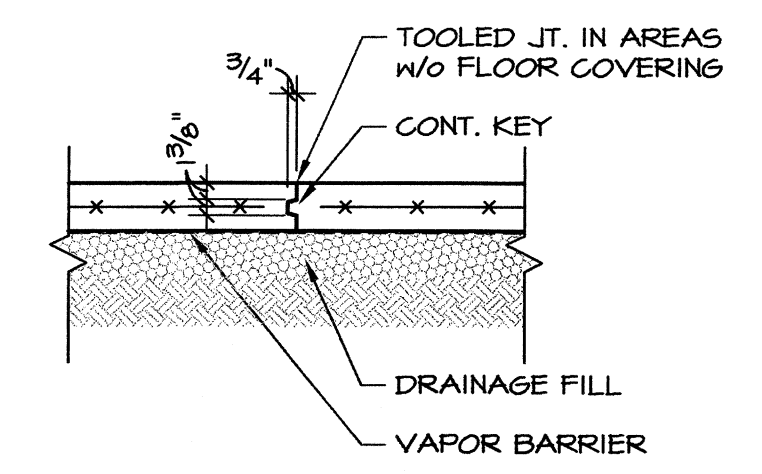
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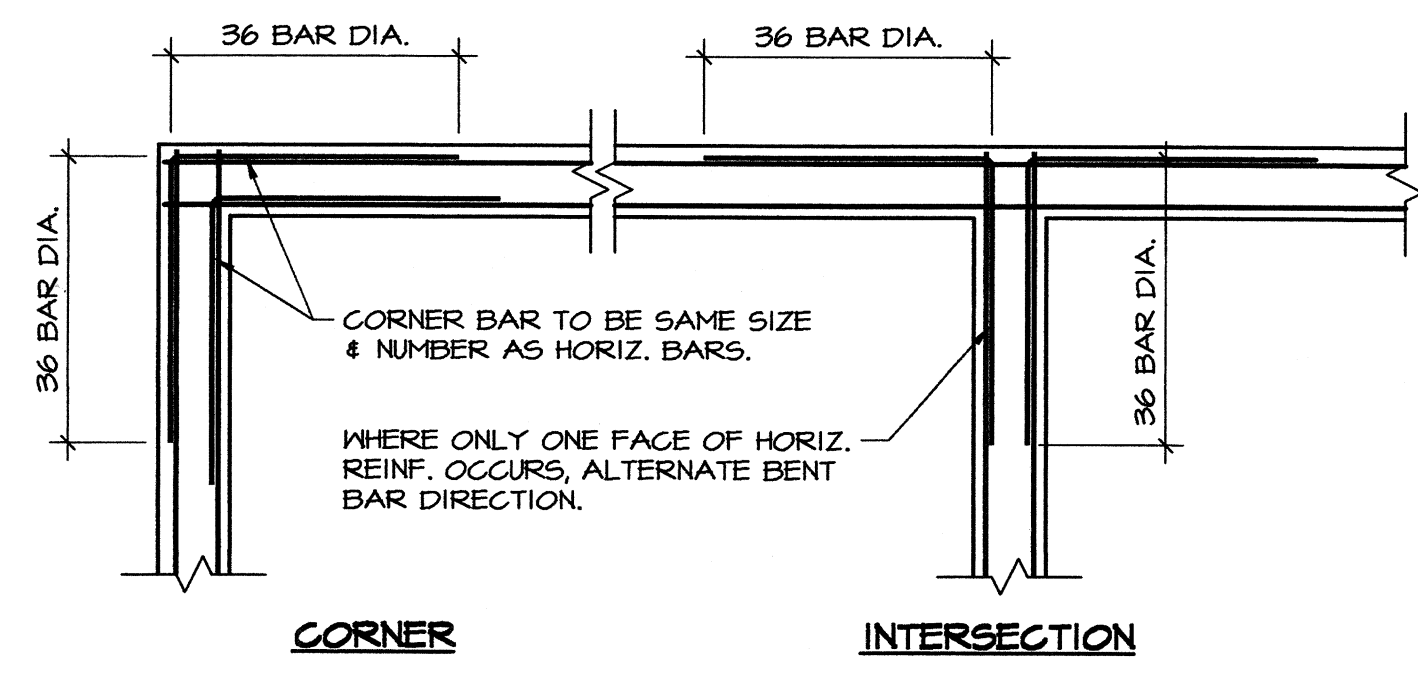
4 SECTION
3/4"=1'-0"



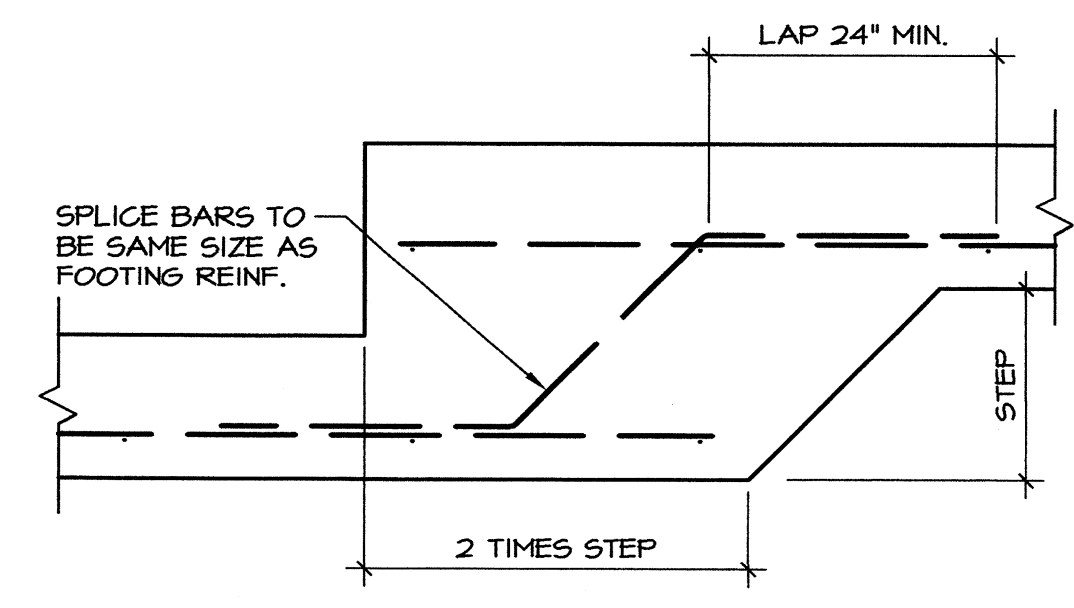
5 SECTION
3/4"=1'-0"



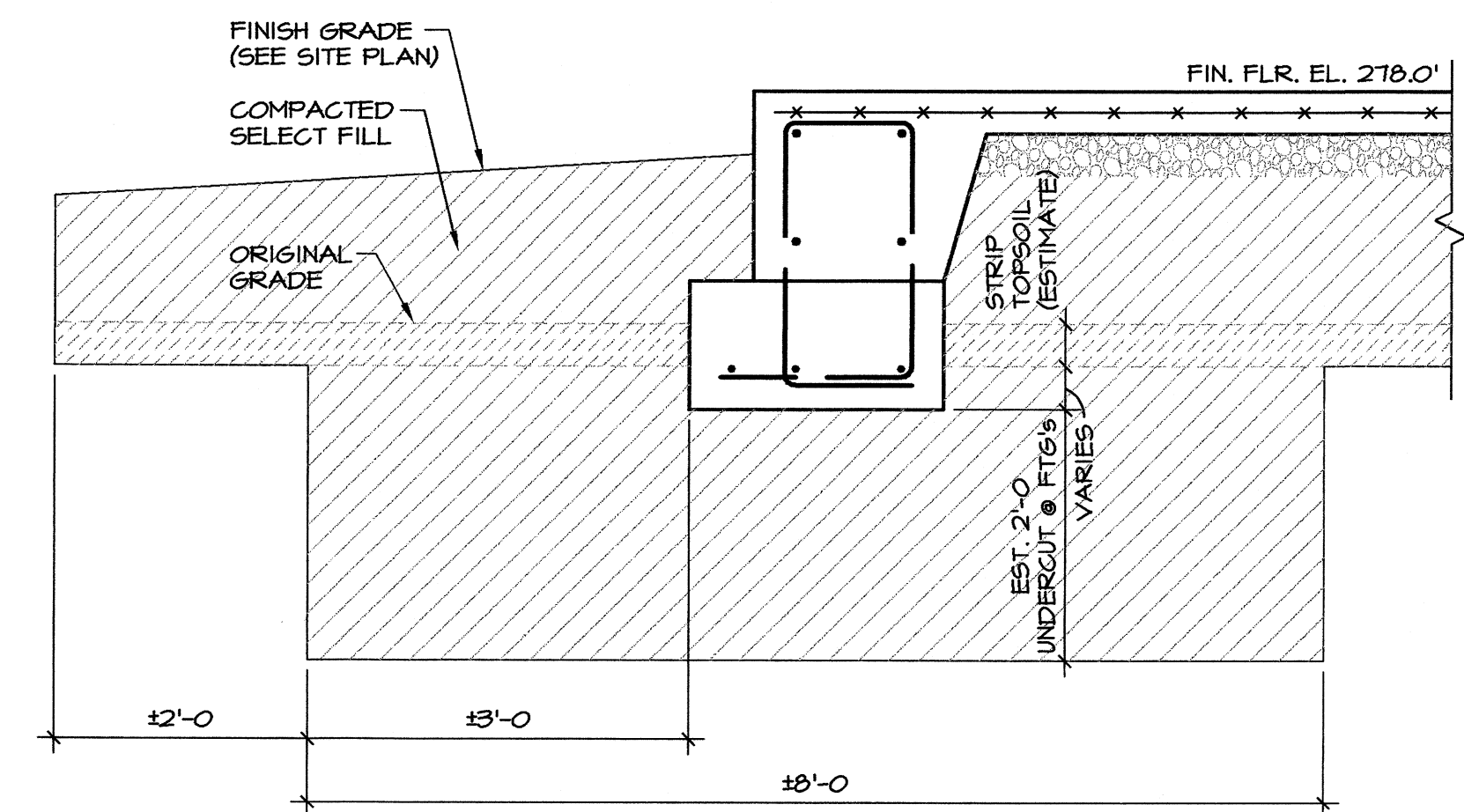
6 CONTROL JOINT DETAIL
3/4"=1'-0"



7 TYPICAL CORNER BAR DETAIL
NOT TO SCALE



8 CONT. FOOTING STEP DETAIL
NOT TO SCALE



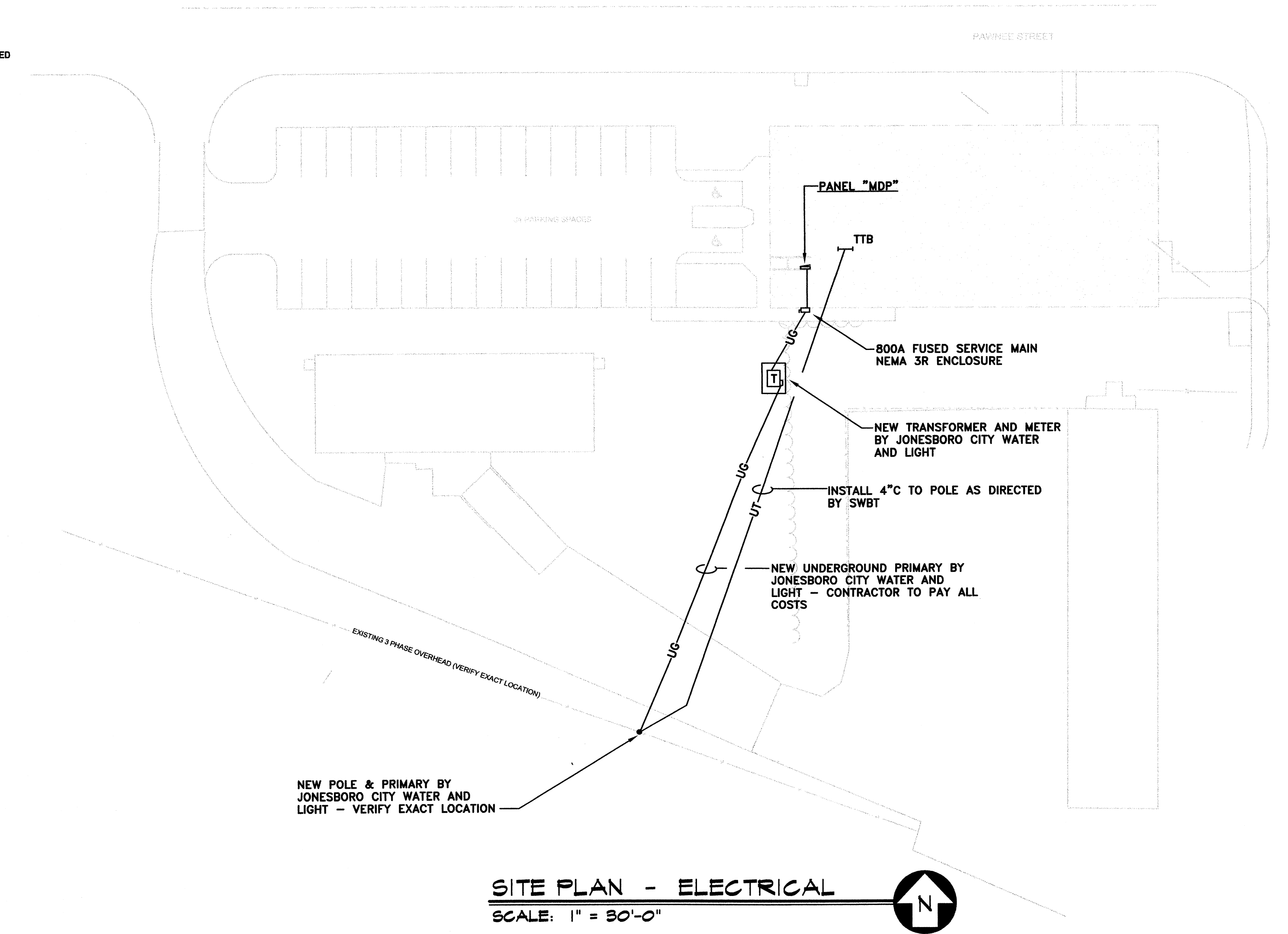
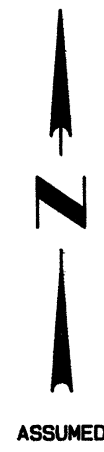
9 TYPICAL EXCAVATION @ FOOTINGS
3/4"=1'-0"

1
2
3
4
5

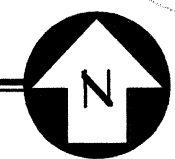
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DATE: May 22, 2002
FOUNDATION DETAILS



SITE PLAN - ELECTRICAL
 SCALE: 1" = 30'-0"

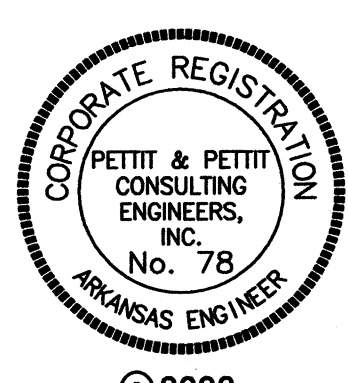
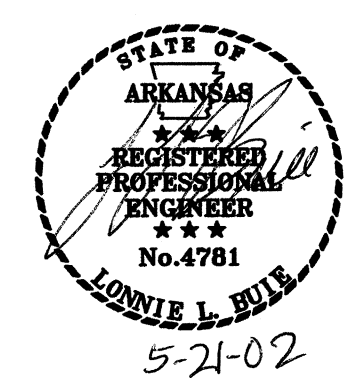


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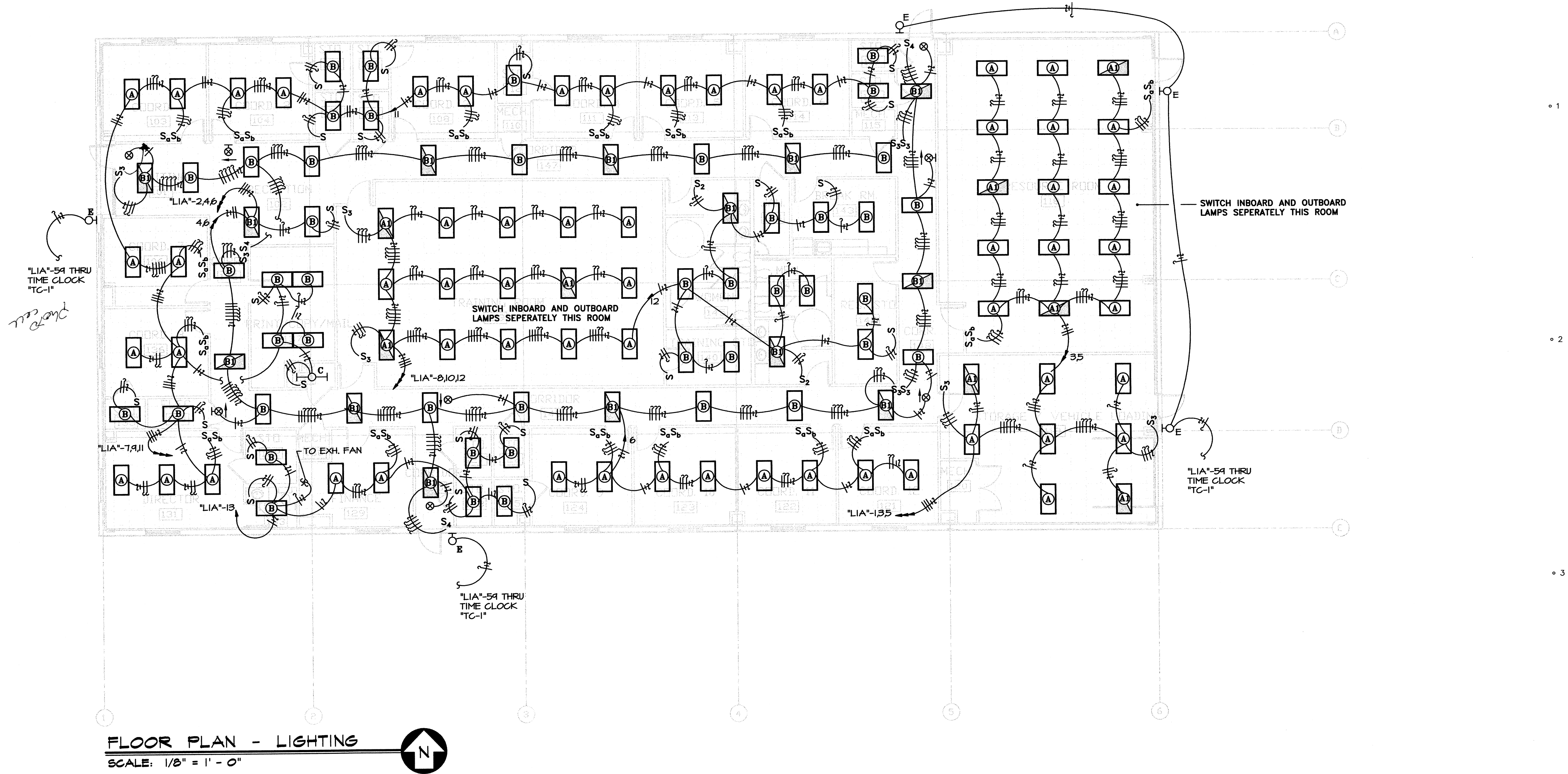
REVISIONS:

SITE PLAN - ELECTRICAL

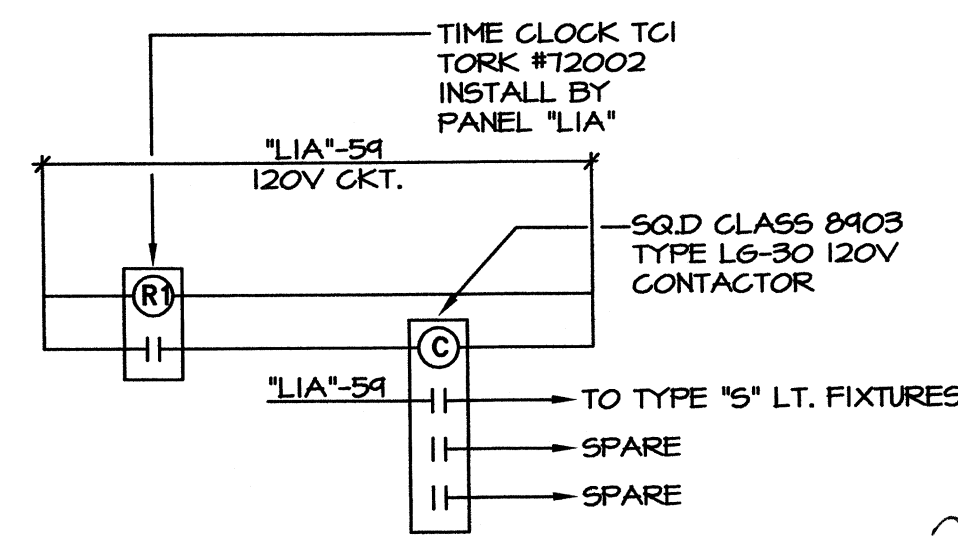
E0.1



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FLOOR PLAN - LIGHTING
SCALE: 1/8" = 1' - 0"



TIME CLOCK "TC-1" LIGHTING CONTROL DIAGRAM
N.T.S.

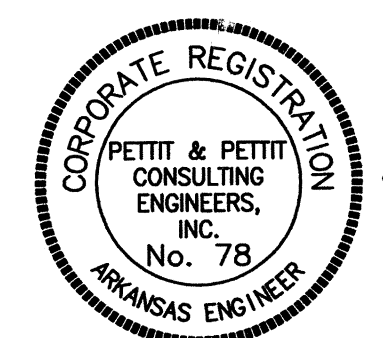
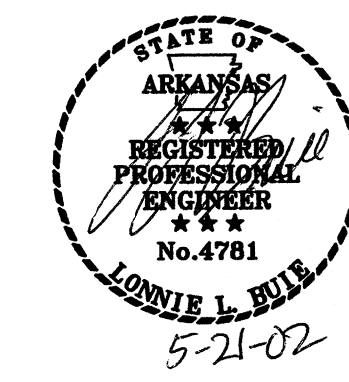
*Add photo cell
Panel TC*

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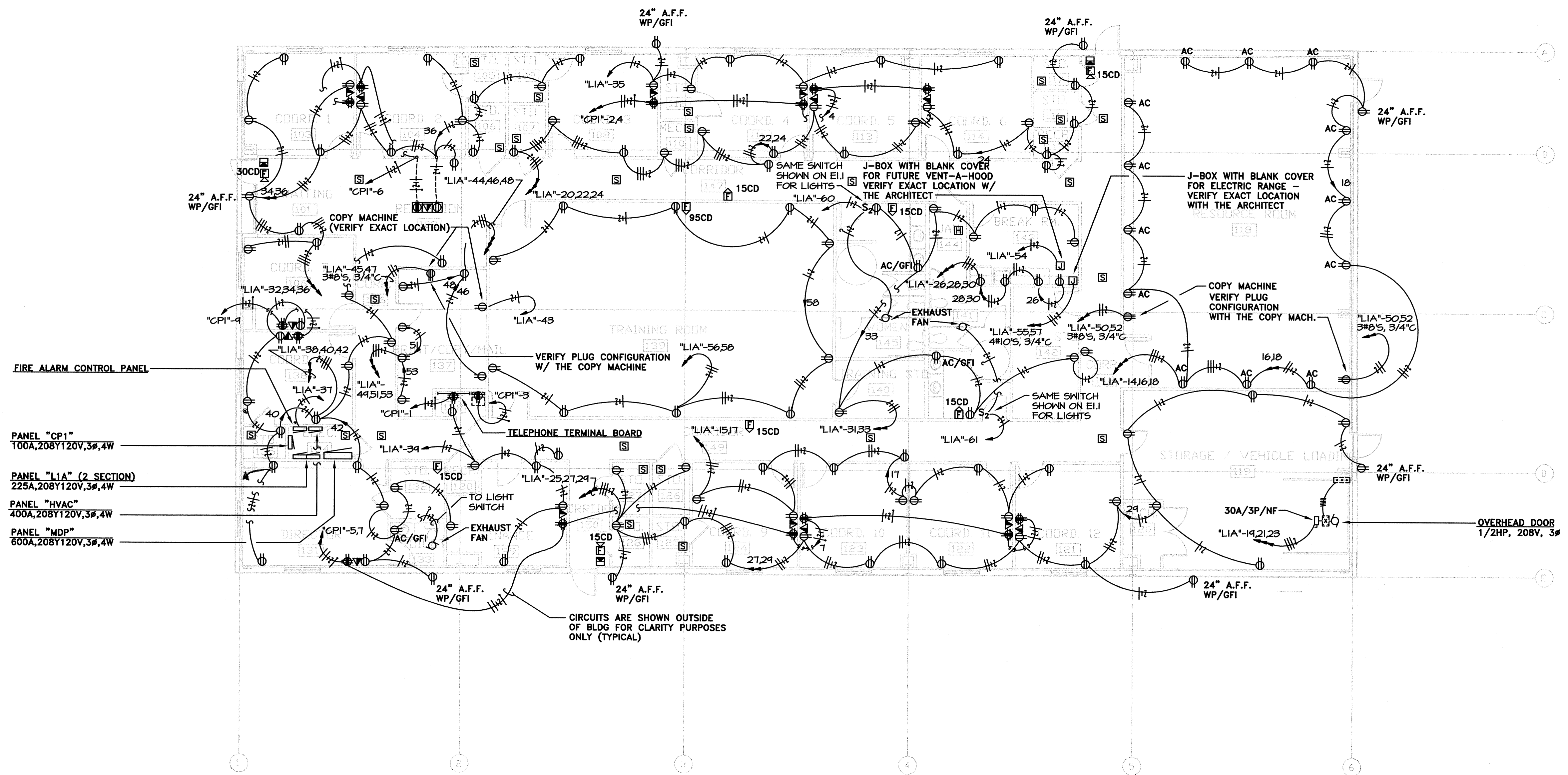
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FLOOR PLAN - LIGHTING



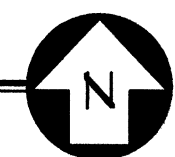
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E1.1



- FIRE ALARM CONTROL PANEL
- PANEL "CP1"
100A, 208Y120V, 3Ø, 4W
- PANEL "L1A" (2 SECTION)
225A, 208Y120V, 3Ø, 4W
- PANEL "HVAC"
400A, 208Y120V, 3Ø, 4W
- PANEL "MDP"
600A, 208Y120V, 3Ø, 4W

FLOOR PLAN - POWER & SYSTEMS
SCALE: 1/8" = 1' - 0"

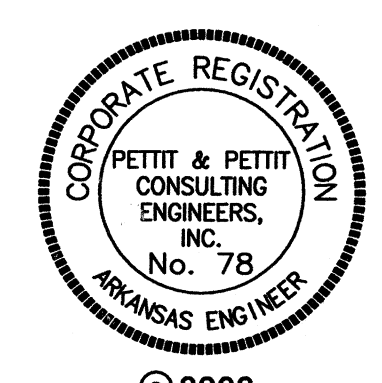
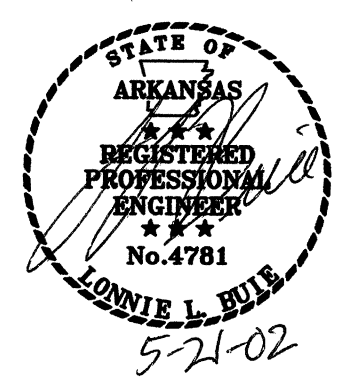


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FLOOR PLAN - POWER & SYSTEMS



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E1.2