

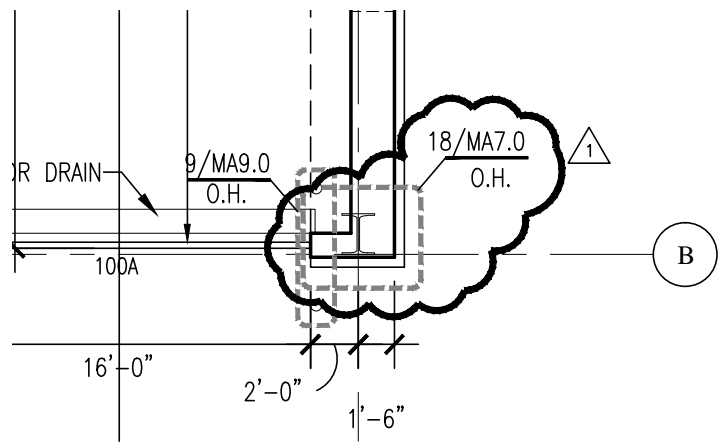
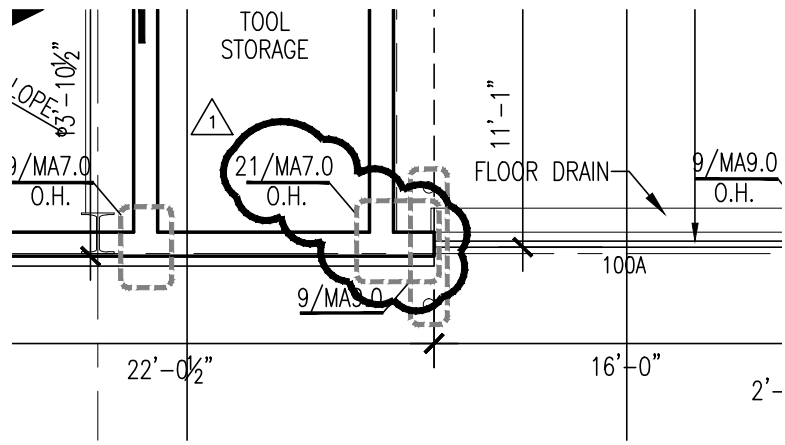
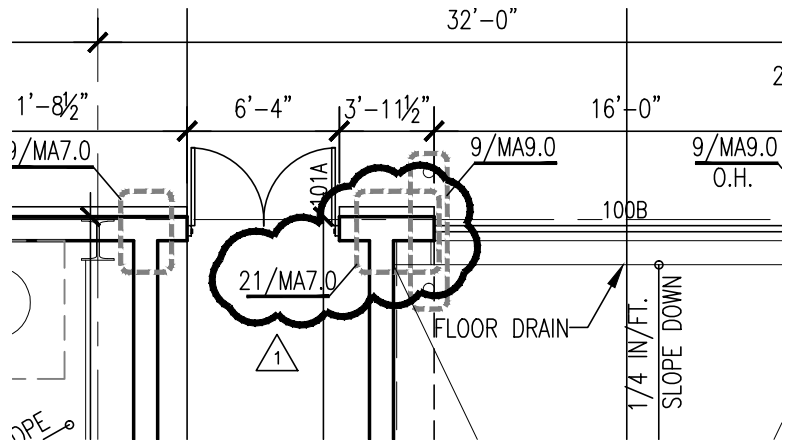
3.5 FIELD QUALITY CONTROL

- A. Testing Agency: Contractor will engage a qualified independent testing and inspecting agency to all field welds and to perform field tests and inspections and prepare test and inspection reports.
- B. Field welds will be visually inspected according to AWS D1.1/D1.1M.
- C. In addition to visual inspection, full penetration field welds will be tested according to AWS D1.1/D1.1M and the following procedures, as applicable:
 - 1. Radiographic Testing: ASTM E 94.
 - 2. Magnetic Particle Inspection: ASTM E 709.
 - 3. Ultrasonic Testing: ASTM E 164.
 - 4. Liquid Penetrant Inspection: ASTM E 165.
- D. Bolted connections will be visually inspected.
- E. Correct deficiencies in Work that test reports and inspections indicate does not comply with the Contract Documents.
- F. Additional testing will be performed to determine compliance of corrected Work with specified requirements.

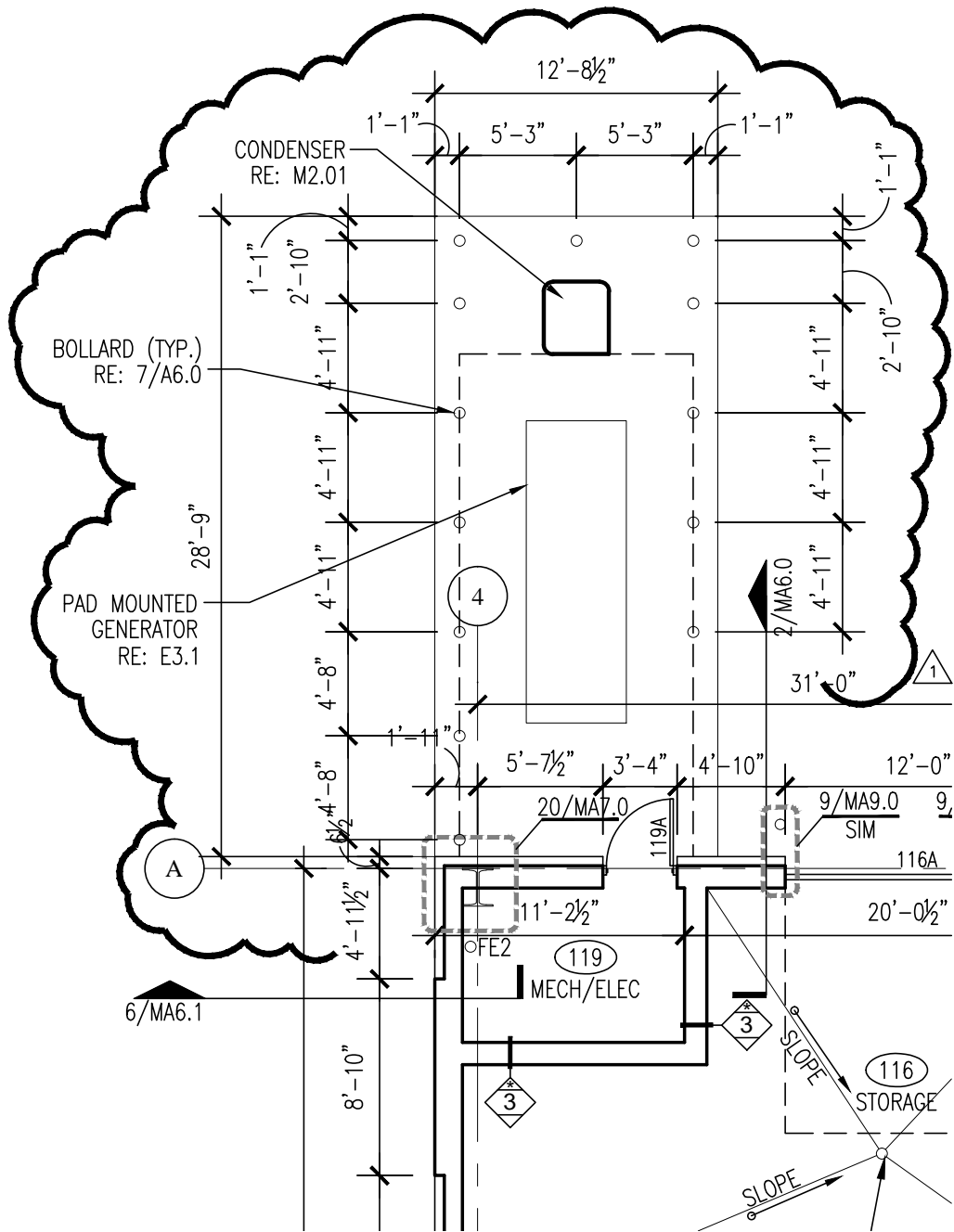
3.6 REPAIRS AND PROTECTION

- A. Touchup Painting: Immediately after erection, clean exposed areas where primer is damaged or missing and paint with the same material as used for shop painting to comply with SSPC-PA 1 for touching up shop-painted surfaces.
 - 1. Clean and prepare surfaces by SSPC-SP 2 hand-tool cleaning or SSPC-SP 3 power-tool cleaning.

END OF SECTION 05 12 00

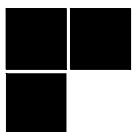


1 | Floor Plan
 1/8" = 1'-0"



1 Floor Plan
1/8" = 1'-0"

STUDIO ARCHITECTURE



ARCHITECTURE
INTERIORS
PLANNING

1112 NORTH WALKER
OKLAHOMA CITY, OK. 73103
VOICE: 405.605.1044
FACSIMILE: 405.606.7044
WWW.STUDIOARC.COM

ISSUE: ADD #1

PROJECT: **ODOT Maintenance Facility**
DIV 7 Walters, OK

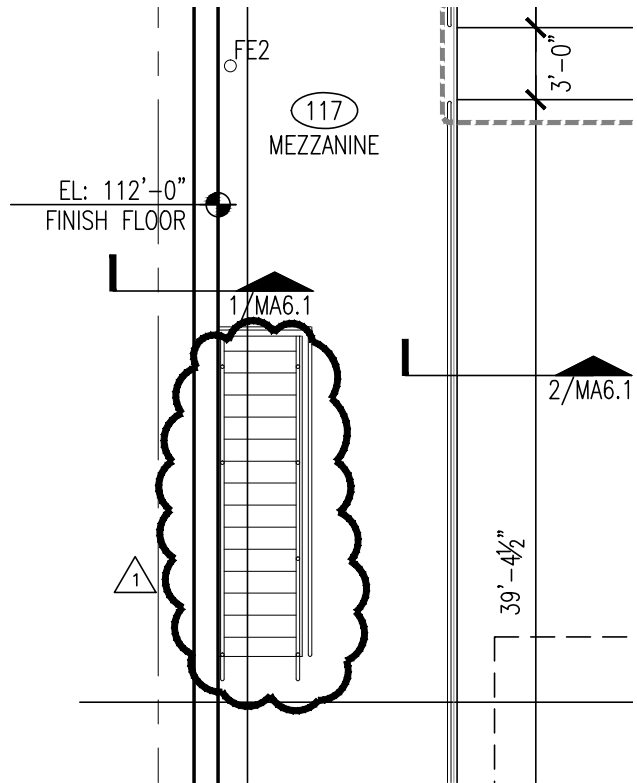
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DATE: 11.16.12

SHEET TITLE: MA2.0

SKETCH:

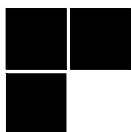
ADD #1



2 | Mezzanine Plan

1/8" = 1'-0"

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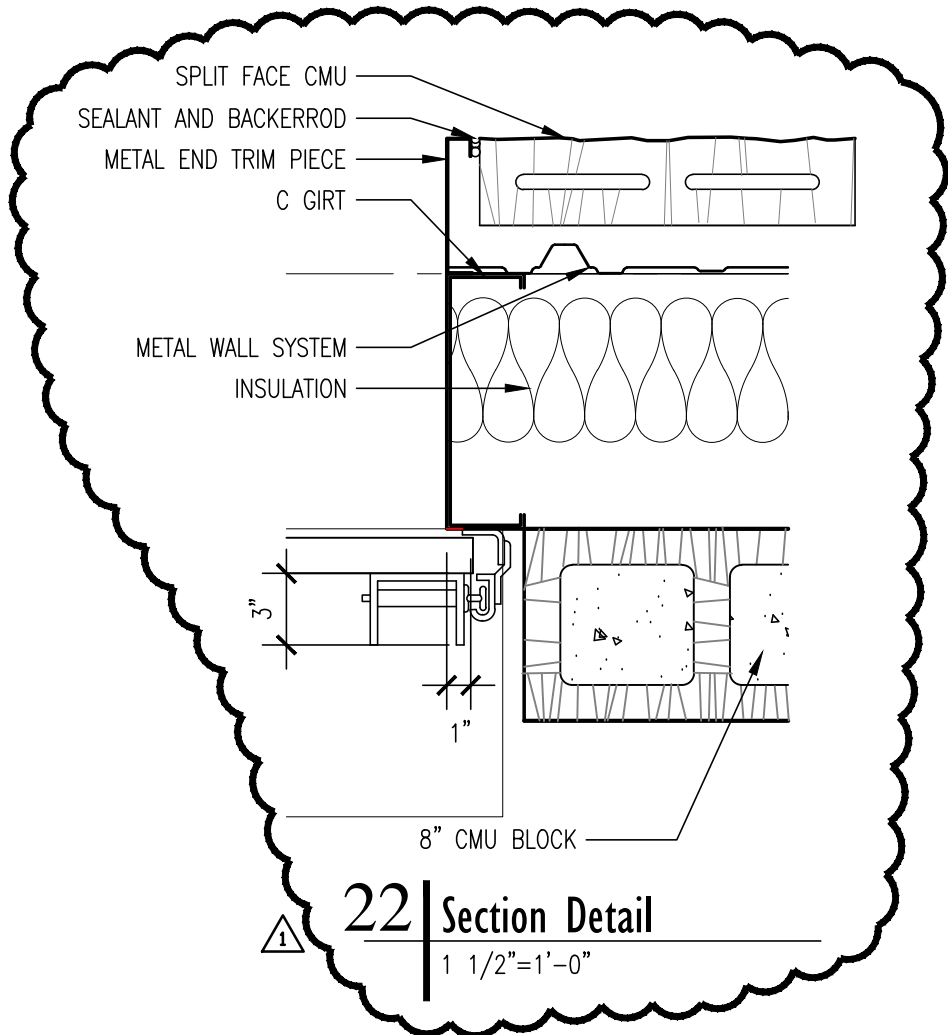
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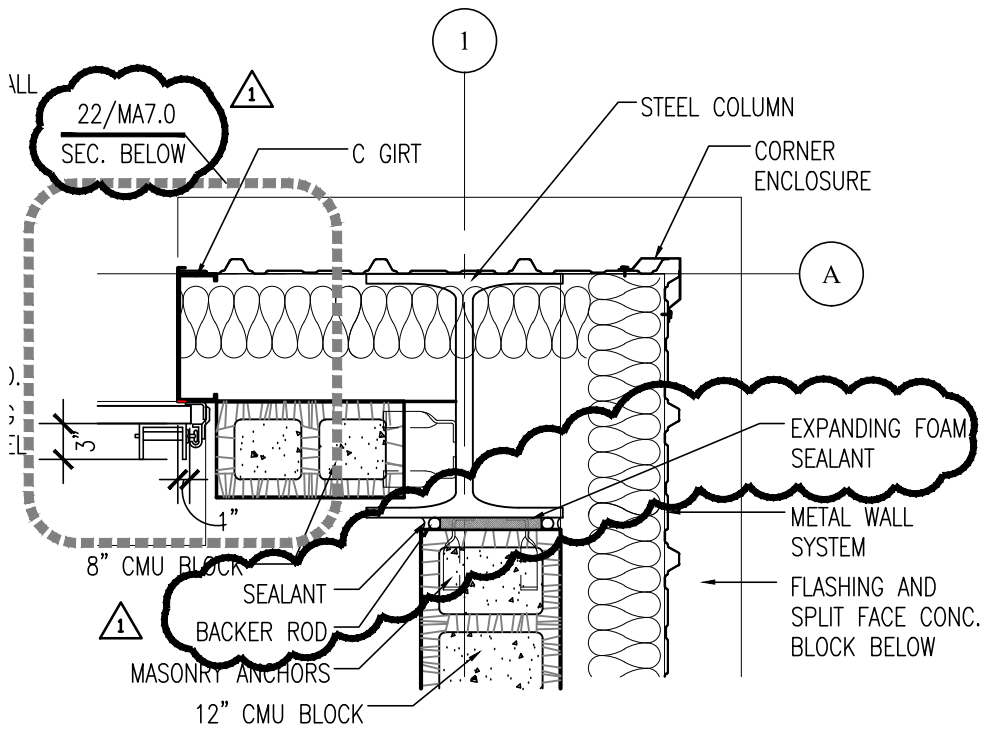
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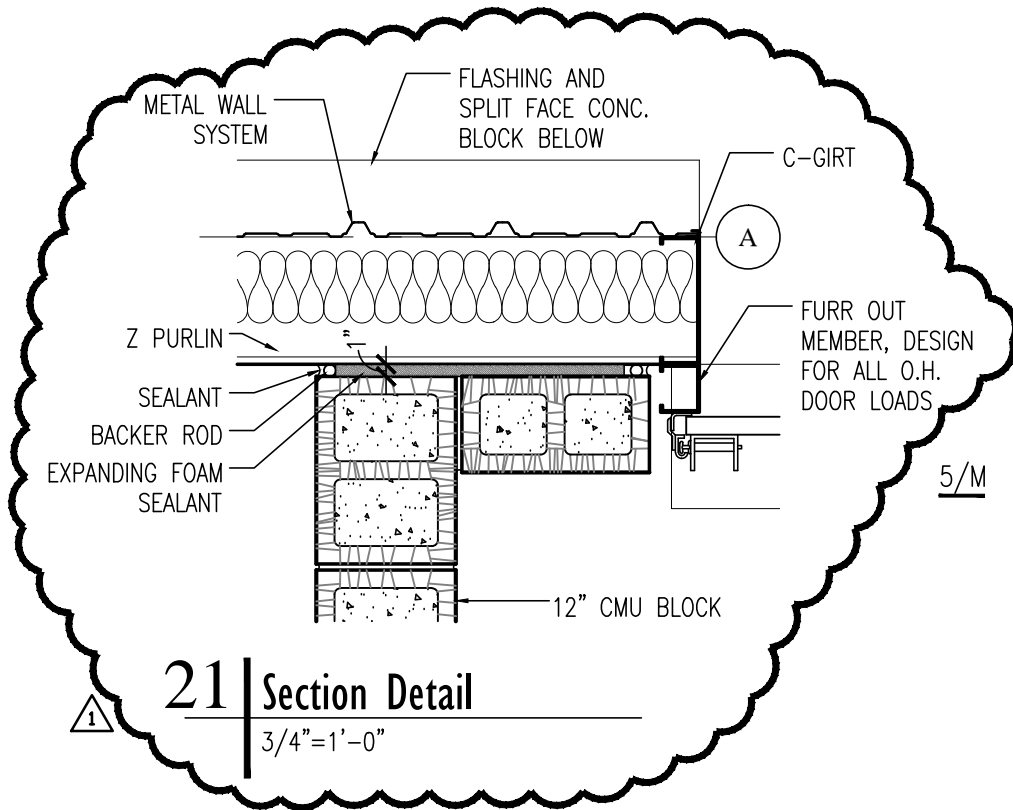
ADD #1



1
22 | Section Detail
 1 1/2" = 1'-0"

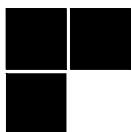


18 | Section Detail
 3/4" = 1'-0"



21 | Section Detail
 3/4" = 1'-0"

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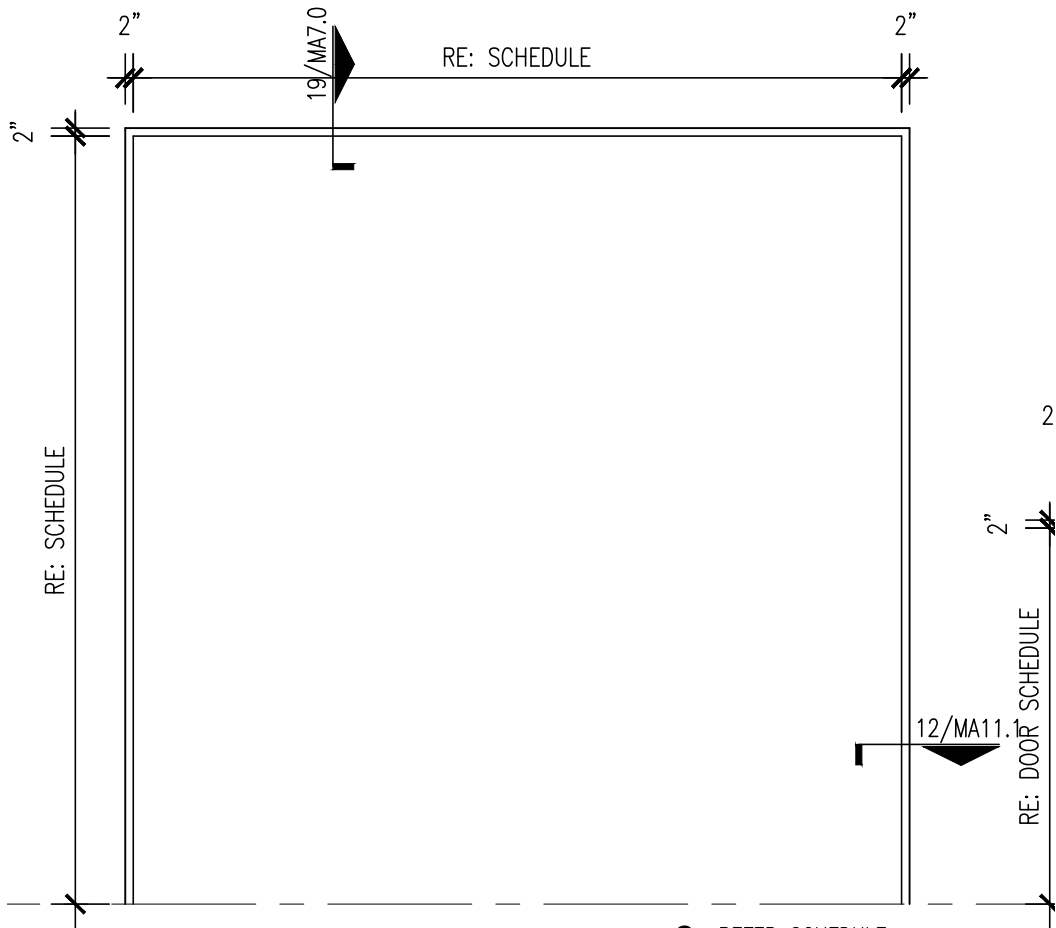
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DATE: 11.16.12

SHEET TITLE: MA7.0

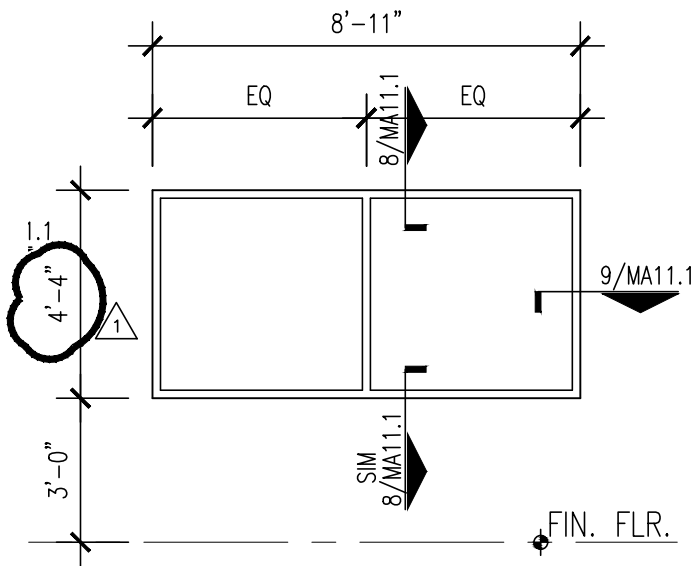
SKETCH:

ADD #1



2 REFER SCHEDULE
 NOTE: COORDINATE O.H. DOOR PORTAL FRAME TO BE FLUSH W/ ADJACENT FRAME

2 | DOOR FRAME TYPES
 1/4" = 1'-0"



6 H.M. FRAMING SYSTEM
 1/4" TEMPERED GLASS CLEAR

3 | GLAZING ELEVATION
 1/4" = 1'-0"

STUDIO ARCHITECTURE



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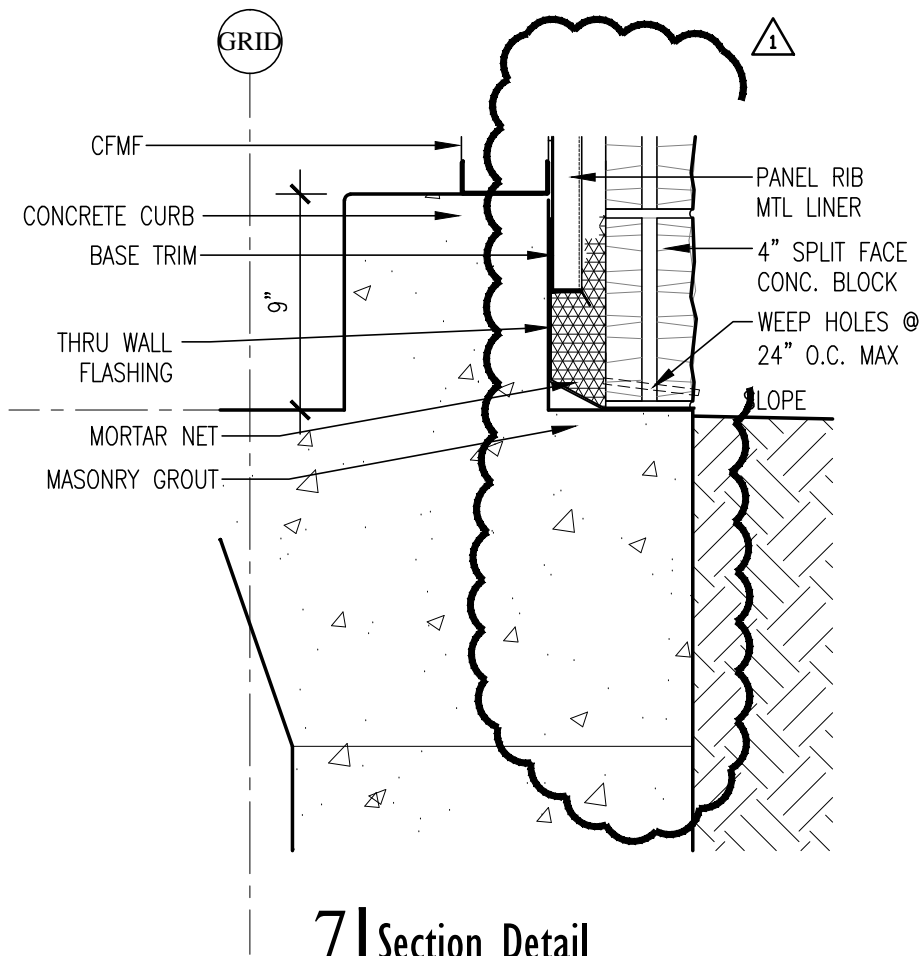
ISSUE: ADD #1
 PROJECT: ODOT Maintenance Facility
 DIV 7 Walters, OK

NUMBER: 10014
 DATE: 11.16.12

SHEET TITLE: MA11.0

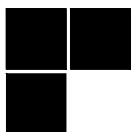
SKETCH:

ADD #1



7 | Section Detail
 1 1/2" = 1'-0"

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PROJECT: **ODOT Maintenance Facility**
DIV 7 Walters, OK

NUMBER: 10014
 DATE: 11.16.12

SHEET TITLE: VA6.0

SKETCH:

ADD #1

Z PURLIN

STEEL BEAM

Z PURLIN

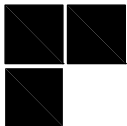
CONCRETE CURB

EL: 100'-0"
FIN. FLOOR

9"

1

STUDIO ARCHITECTURE



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OKLAHOMA CITY, OK. 73103
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ISSUE: ADD #1

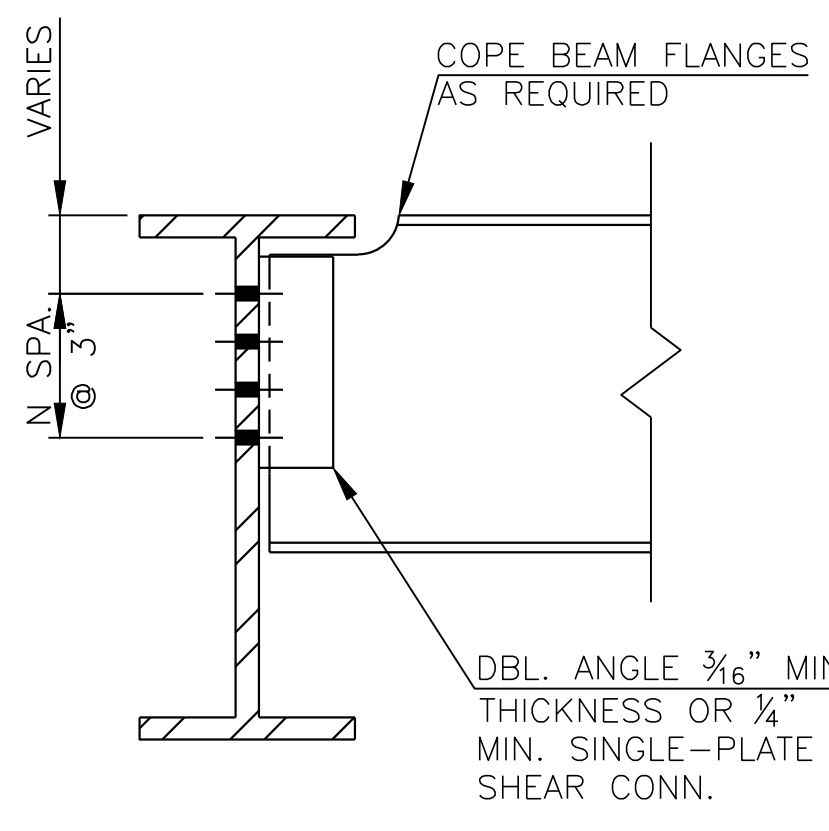
PROJECT: ODOT Maintenance Facility
DIV 7 Walters, OK

NUMBER: 10014
DATE: 11.20.12

SHEET TITLE: VA6.0

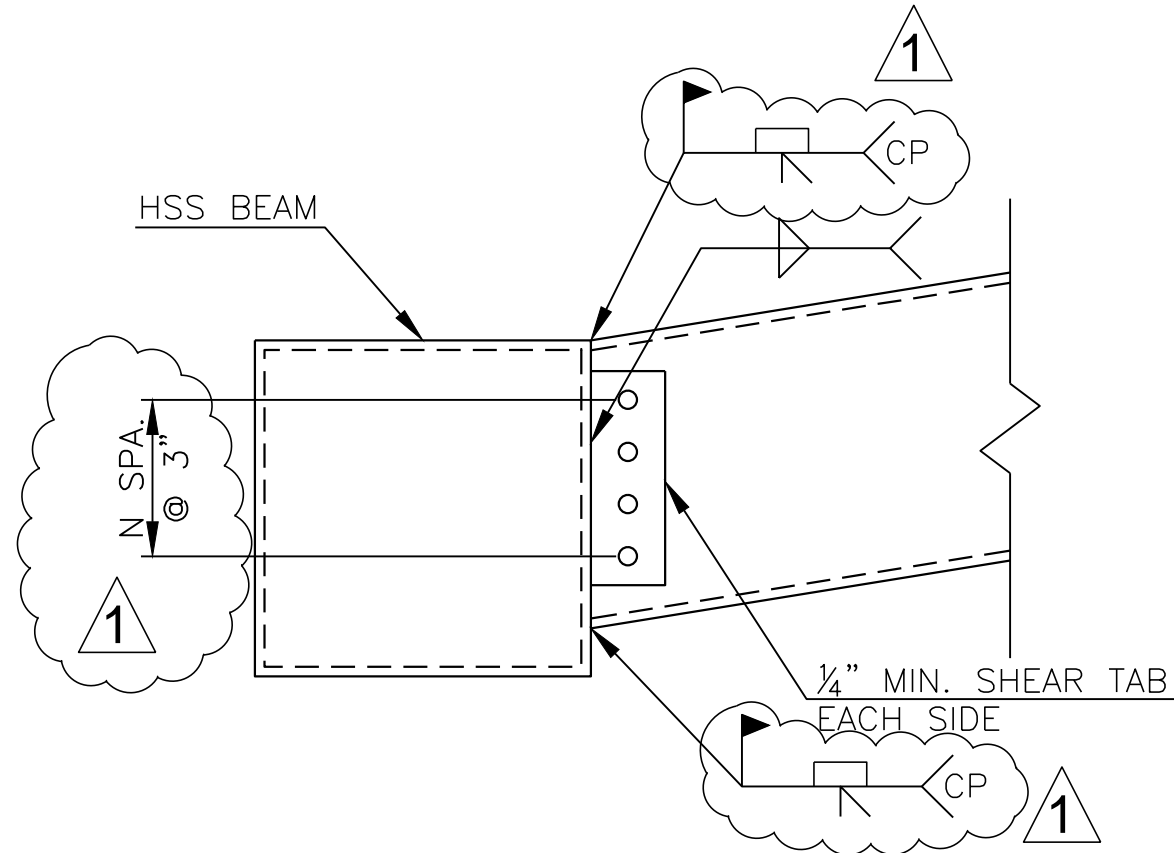
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ADD #1



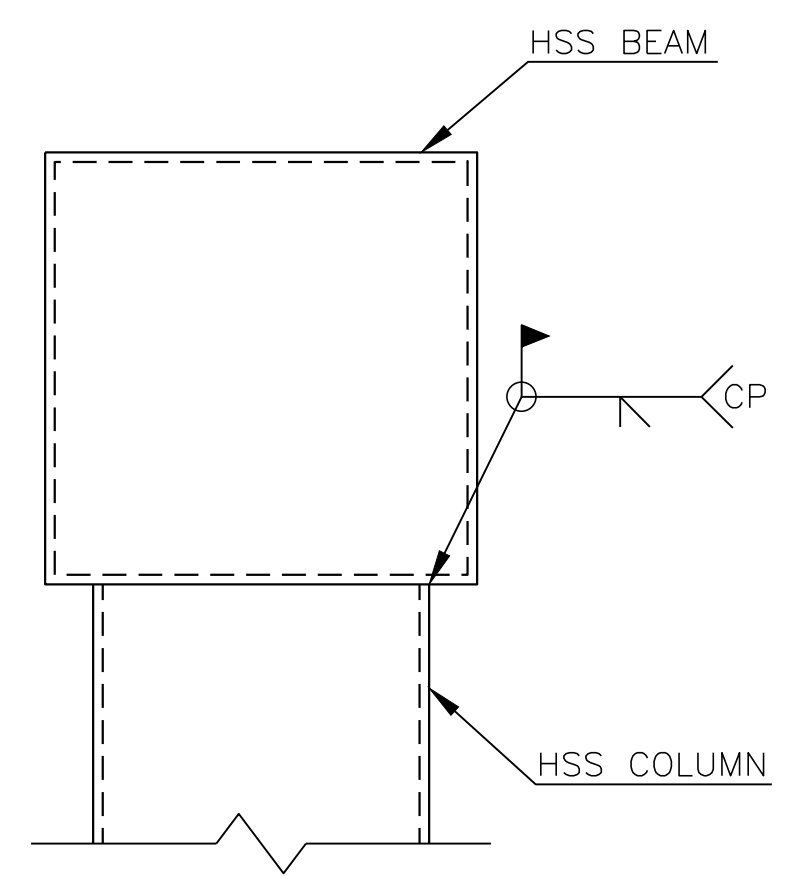
NOTE: FABRICATOR SHALL DESIGN CONNECTIONS AS SHOWN. REF. 6/SO.4 FOR SHEAR FORCE.

1
S0.4 W-SECTION BEAM-TO-GIRDER CONNECTION DETAIL

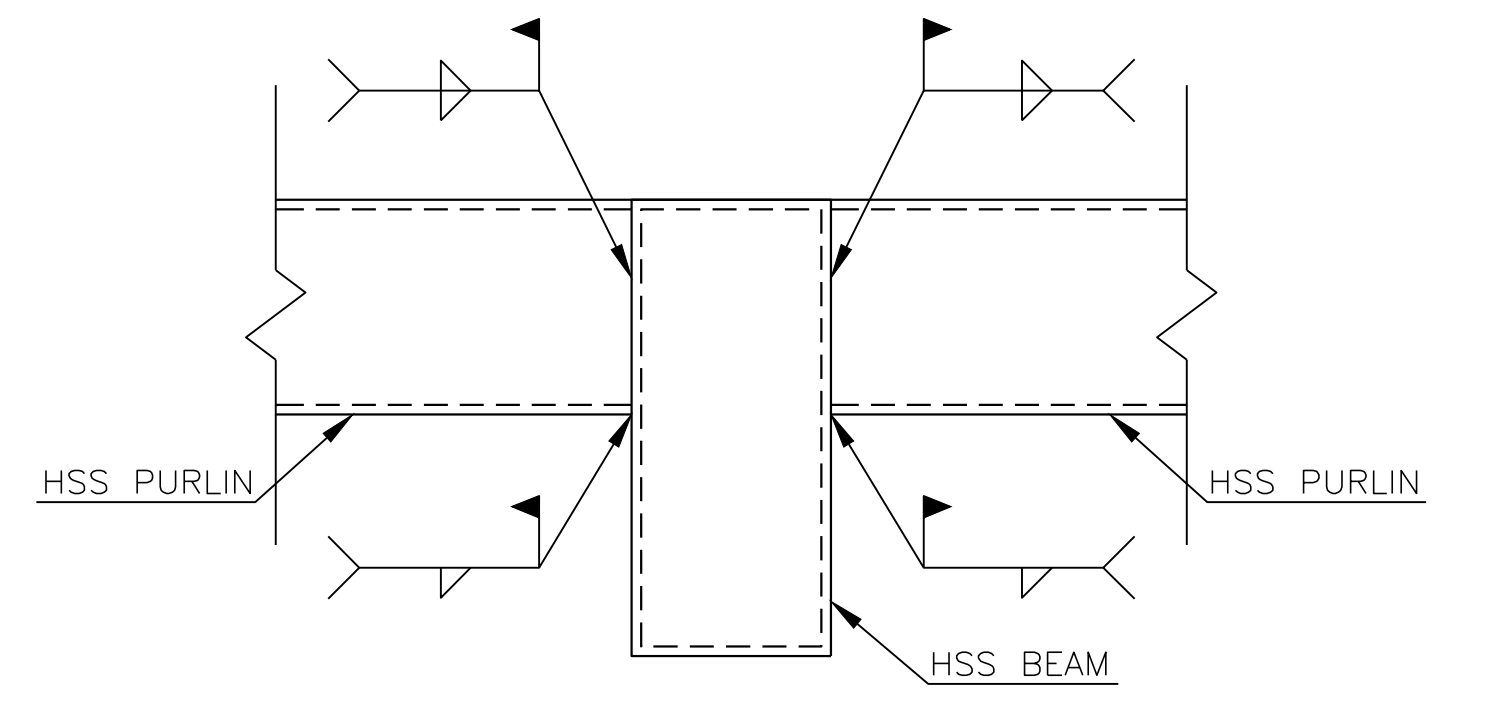


NOTE: FABRICATOR SHALL DESIGN CONNECTIONS AS SHOWN. REF. 6/SO.4 FOR SHEAR FORCE.

2
S0.4 HSS BEAM-TO-BEAM MOMENT CONNECTION DETAIL

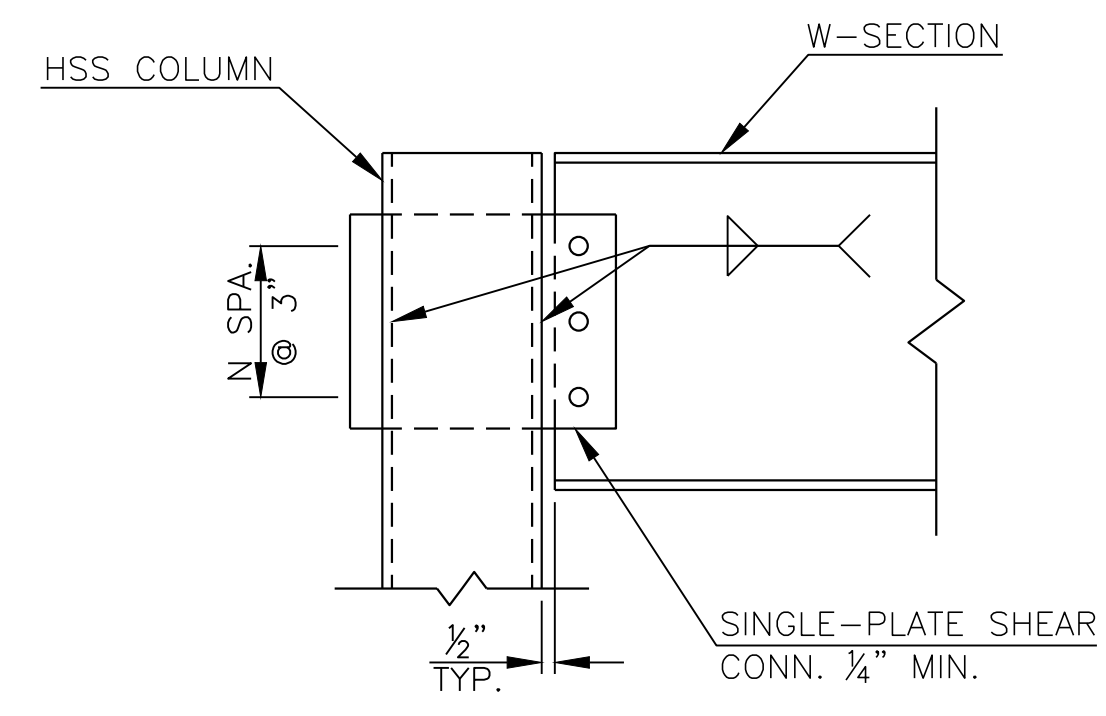


3
S0.4 HSS BEAM-COLUMN MOMENT CONNECTION DETAIL



NOTE: FABRICATOR SHALL DESIGN CONNECTIONS AS SHOWN. REF. 6/SO.4 FOR SHEAR FORCE.

4
S0.4 HSS PURLIN-BEAM CONNECTION DETAIL



NOTE: FABRICATOR SHALL DESIGN CONNECTIONS AS SHOWN. REF. 6/SO.4 FOR SHEAR FORCE.

5
S0.4 W-SECTION BEAM-TO-HSS COLUMN CONNECTION DETAIL

BEAM END SHEAR REACTIONS FOR CONNECTION DESIGN	
ULTIMATE LOAD REACTIONS	
BEAM	REACTION
W8X18	12K
W10X39	7K
W21X93	9K
HSS 9X5X $\frac{5}{16}$	6K
HSS 3X1 $\frac{1}{2}$ X $\frac{5}{8}$	8K
HSS 7X3X $\frac{5}{16}$	4K

6
S0.4 SHEAR REACTION TABLE

S0.4

STEEL CONNECTION DETAILS

ODOT MAINTENANCE FACILITY
DIVISION 7 - COTTON COUNTY
OKLAHOMA DEPARTMENT OF TRANSPORTATION
WALTERS, OKLAHOMA

COBB ENGINEERING COMPANY
4516 NW 36TH STREET, OKLAHOMA CITY, OKLAHOMA 73122
(405) 415-8400
CA 32 EXP. 06-30-14

STUDIO ARCHITECTURE
1112 NORTH WALKER, OKLAHOMA CITY, OKLAHOMA 73103
(405) 605-1044

HORNER ASSOCIATES ENGINEERS
1306 COMMERCE DR., NORMAN, OKLAHOMA 73071
(405) 801-2528

DHO ENGINEERING
3629 NORTHWEST 24TH STREET OKLAHOMA CITY, OKLAHOMA 73107
(405) 947-8524

DRAWN	J.T.H.
DESIGNED	J.T.H.
SURVEY	ODOT
JOB NO.	07056.03
REVISION	BY DATE
ADDED BOLT SPACING AND REVISED WELD SYMBOL	JTH 11/19/12
-	-
-	-
DATE	08/28/12
SHEET	S0.4