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MISSOURI DEPARTMENT  
OF TRANSPORTATION

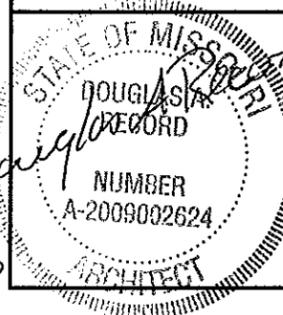
30' x 50' WASH BAY FOUNDATION  
DISTRICT #10  
CHARLESTON, MISSOURI  
South of Route 1-57, 0.2 miles south of Route 60  
Mississippi County

CONTRACTOR NOTE

CONTRACTOR TO ERECT MODOT PROVIDED PRE-ENGINEERED METAL BUILDING ON NEW CONCRETE FOUNDATION. SEE ATTACHED PLANS FOR PRE-ENGINEERED METAL BUILDING.

CODE REQUIREMENTS

BUILDING CODE - CURRENT IBC  
PLUMBING CODE - CURRENT IBC

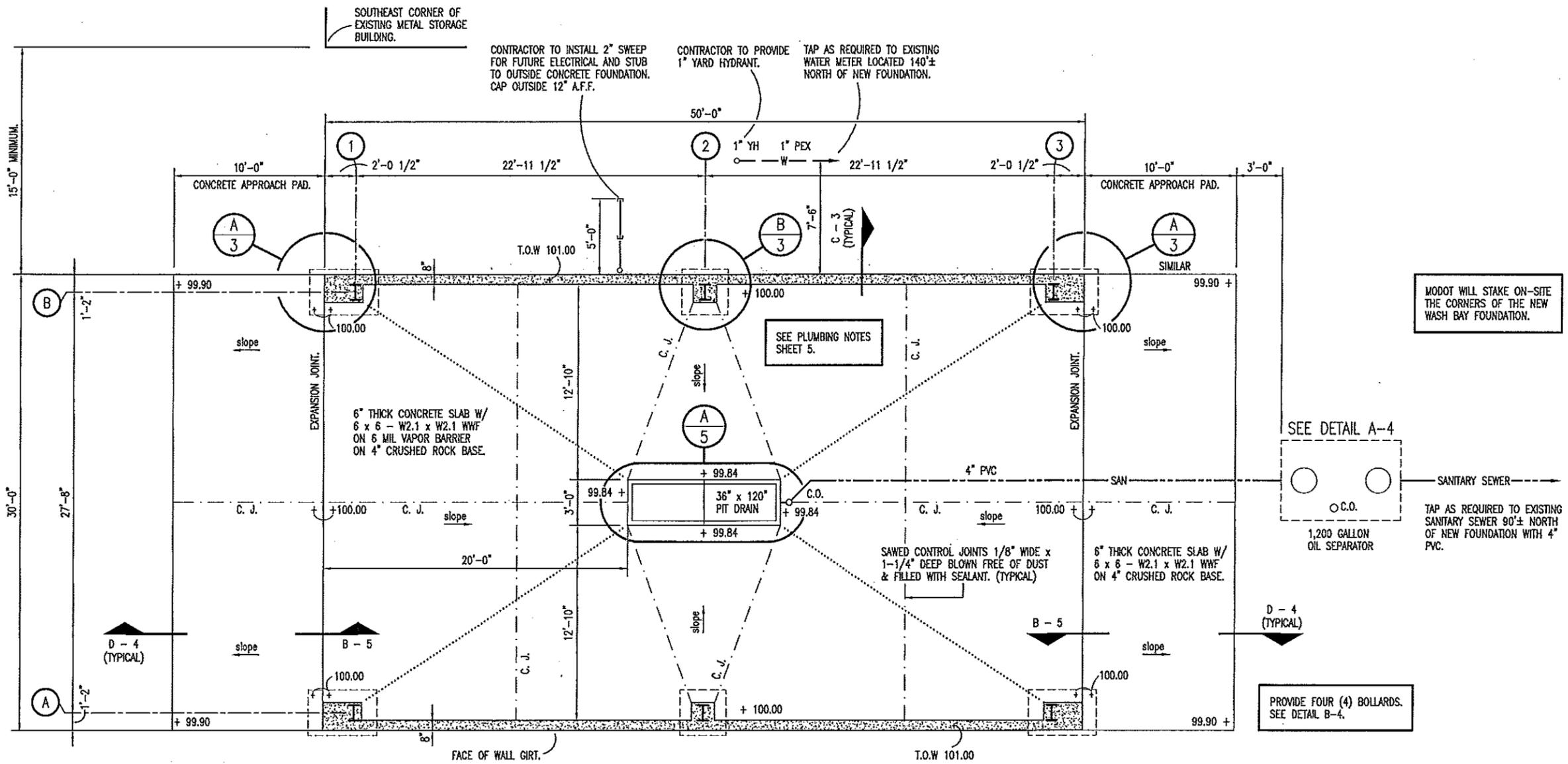


COVER SHEET

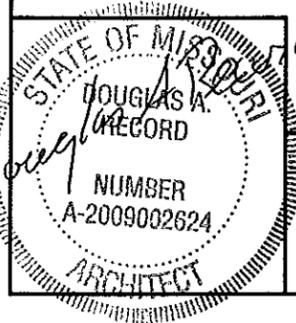
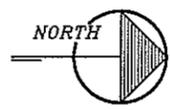
MISSOURI DEPARTMENT  
OF TRANSPORTATION  
DIVISION OF GENERAL SERVICES  
FACILITIES MANAGEMENT

30' x 50' WASH BAY FOUNDATION  
DISTRICT #10 - MISSISSIPPI COUNTY  
CHARLESTON, MISSOURI

DESIGN BY: LARRY CARVER  
DATE: 12-10-10  
CHECK BY: DOUG RECORD  
SHEET  
1 of 5



A FOUNDATION PLAN  
2 SCALE: 1/8" = 1'-0"



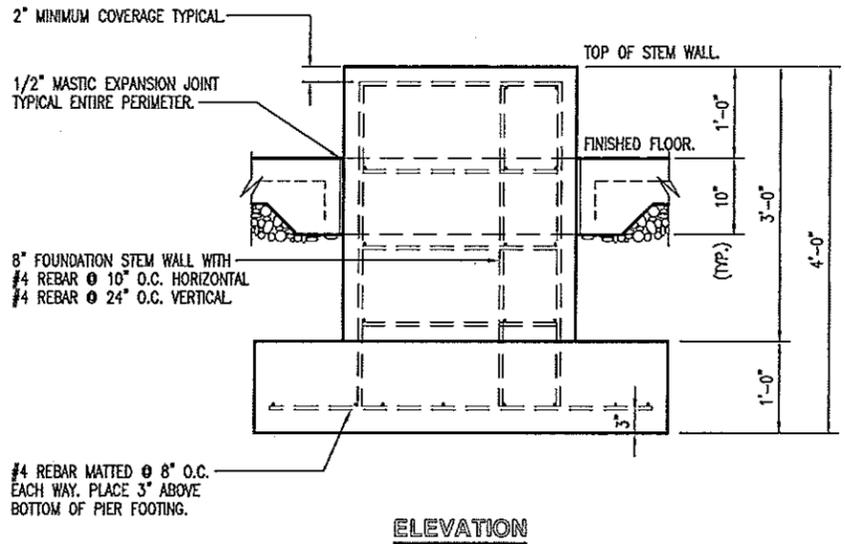
12.10.10

## FOUNDATION PLAN

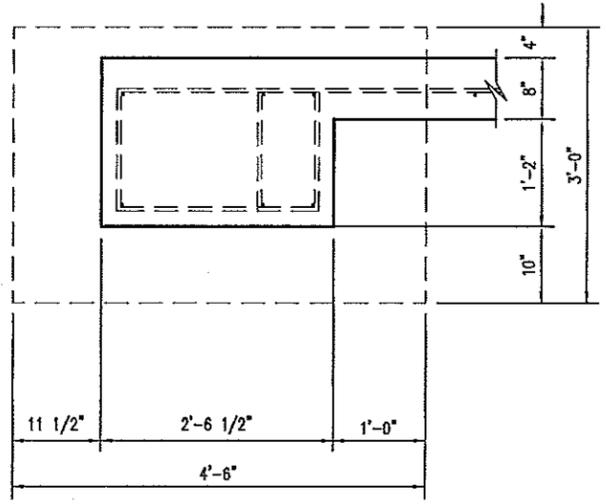
**MISSOURI DEPARTMENT  
OF TRANSPORTATION**  
DIVISION OF GENERAL SERVICES  
FACILITIES MANAGEMENT

**30' x 50' WASH BAY FOUNDATION**  
**DISTRICT #10 - MISSISSIPPI COUNTY**  
**CHARLESTON, MISSOURI**

DESIGN BY: LARRY CARVER
DATE: 12-10-10
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SHEET 2 of 5

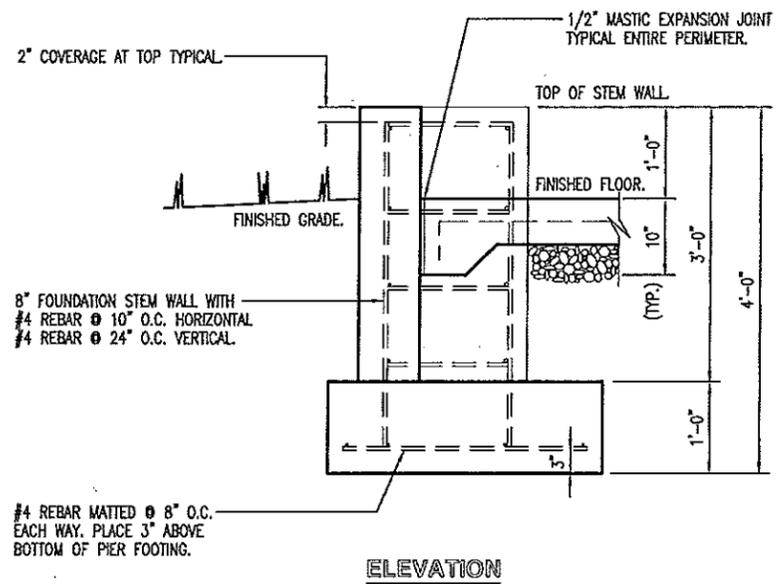


**ELEVATION**

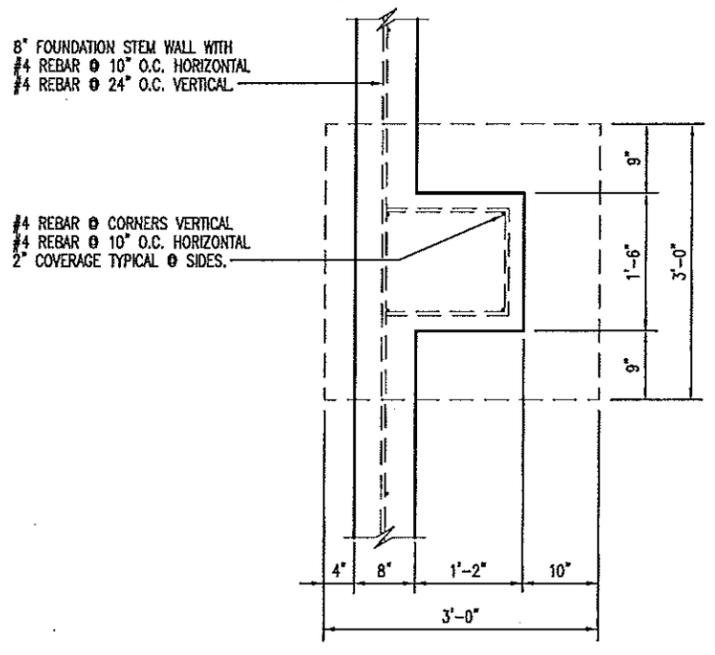


**PLAN VIEW**

**A**  
**3** CORNER COLUMN FOOTING  
SCALE: 1/2" = 1'-0"



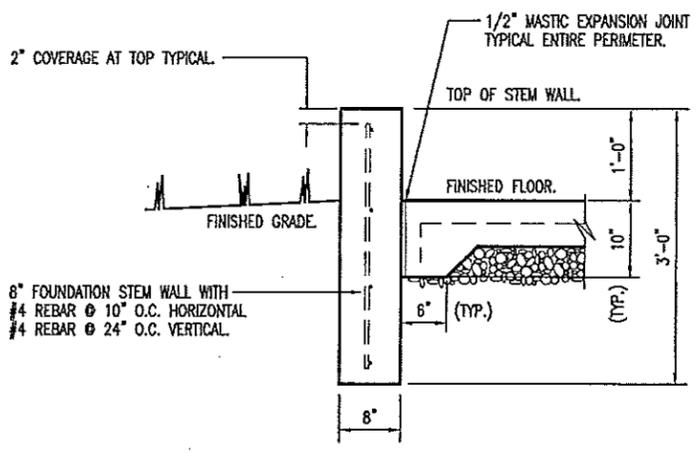
**ELEVATION**



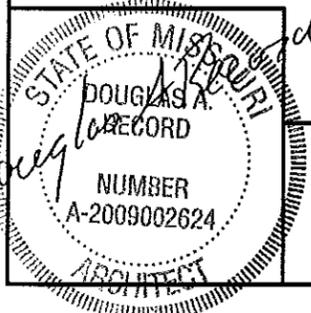
**PLAN VIEW**

**B**  
**3** SIDEWALL COLUMN FOOTING  
SCALE: 1/2" = 1'-0"

- CONCRETE NOTES**
1. CONCRETE WORK SHALL BE EXECUTED IN STRICT COMPLIANCE WITH THE LATEST EDITION OF THE AMERICAN CONCRETE INSTITUTE (A.C.I.) MANUAL OF CONCRETE PRACTICE.
  2. FOUNDATION DESIGN IS BASED UPON AN ASSUMED SOIL BEARING CAPACITY OF 2000 PSF. IF WET OR UNUSUAL SOIL CONDITIONS ARE ENCOUNTERED, NOTIFY THE DESIGNER AND CONSTRUCTION INSPECTOR BEFORE PROCEEDING WITH THE WORK.
  3. IF CONDITIONS REQUIRING ROCK EXCAVATION ARE ENCOUNTERED, NOTIFY THE DESIGNER AND CONSTRUCTION INSPECTOR BEFORE PROCEEDING WITH THE WORK.
  4. ALL CONCRETE SHALL BE TYPE 1 CEMENT WITH A COMPRESSIVE STRENGTH OF 4,000 PSI @ 28 DAYS WITH 4" SLUMP.
  5. CONCRETE EXPOSED TO THE EXTERIOR SHALL RECEIVE AIR ENTRAINMENT 5% +/- 2%.
  6. FOUNDATION BEAMS AND FOOTINGS SHALL BEAR A MINIMUM OF 12 INCHES INTO UNDISTURBED SOIL AND 36 INCHES MINIMUM BELOW FINISH GRADE.
  7. DEFORMED STEEL REINFORCING BARS SHALL BE #4 AND LARGER, ASTM A615 GRADE 60.
  8. PROVIDE CORNER REINFORCING BARS WITH 12" MINIMUM LAP EQUAL IN SIZE AND GRADE TO CONNECTING BARS.
  9. INTERIOR AND EXTERIOR CONCRETE FLATWORK SHALL HAVE A LIGHT BROOM FINISH.
  10. COORDINATE WORK OF OTHER TRADES REQUIRED TO BE INSTALLED IN, UNDER, OR THROUGH CONCRETE PRIOR TO PLACEMENT OF CONCRETE. INSTALL ALL ANCHORAGES AND SLEEVES REQUIRED FOR THE INSTALLATION OF WORK BY OTHER TRADES.
  11. SAWED CONTROL JOINTS SHALL BE CLEANED FREE OF ALL DEBRIS AND FILLED WITH SEALANT. SEE SECTION 07900.
  12. ALL EXPOSED INTERIOR CONCRETE FLOORS SHALL RECEIVE SEALER. SEE SPECIFICATION SECTION 03346.
  13. COPPER PIPING RUN THROUGH CONCRETE WORK SHALL BE RUN THROUGH PVC SLEEVES.
  14. CONCRETE COLUMN PIER DIMENSIONS MAY VARY PER BUILDING MANUFACTURER. CONTRACTOR MUST INCLUDE IN THE BID ALL MATERIALS AND LABOR DUE TO ANY VARIATION FROM DRAWINGS.



**C**  
**3** STEM WALL SECTION  
SCALE: 1/2" = 1'-0"



**FOUNDATION DETAILS**

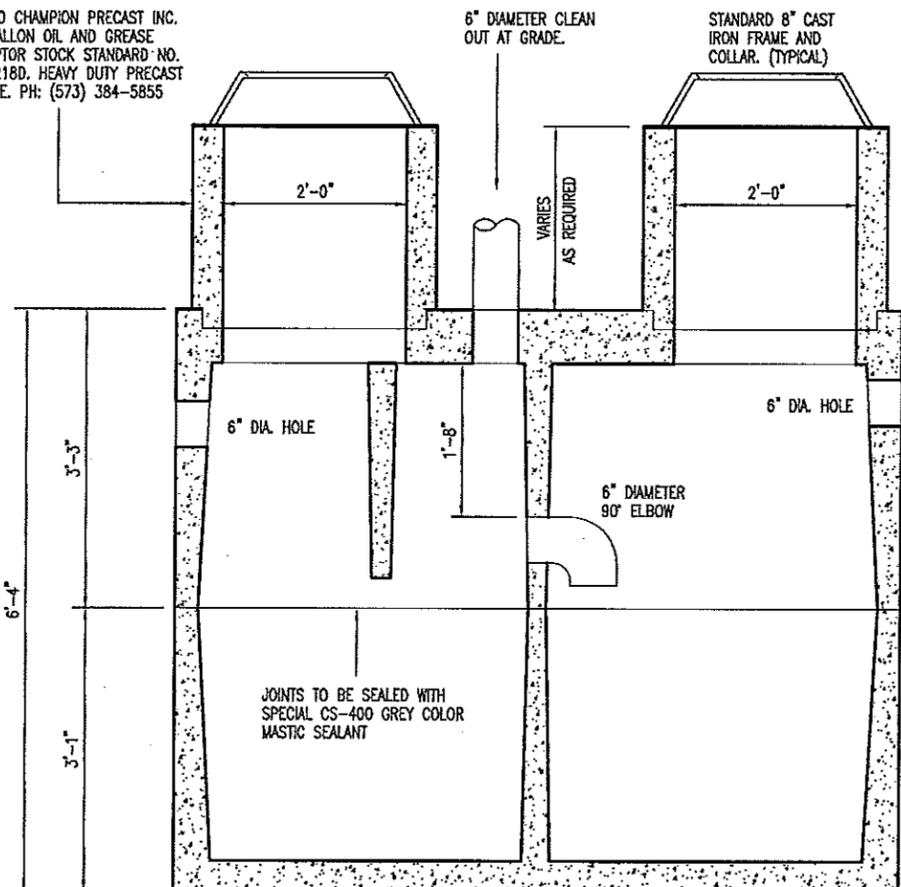
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FACILITIES MANAGEMENT

30' x 50' WASH BAY FOUNDATION  
DISTRICT #10 - MISSISSIPPI COUNTY  
CHARLESTON, MISSOURI

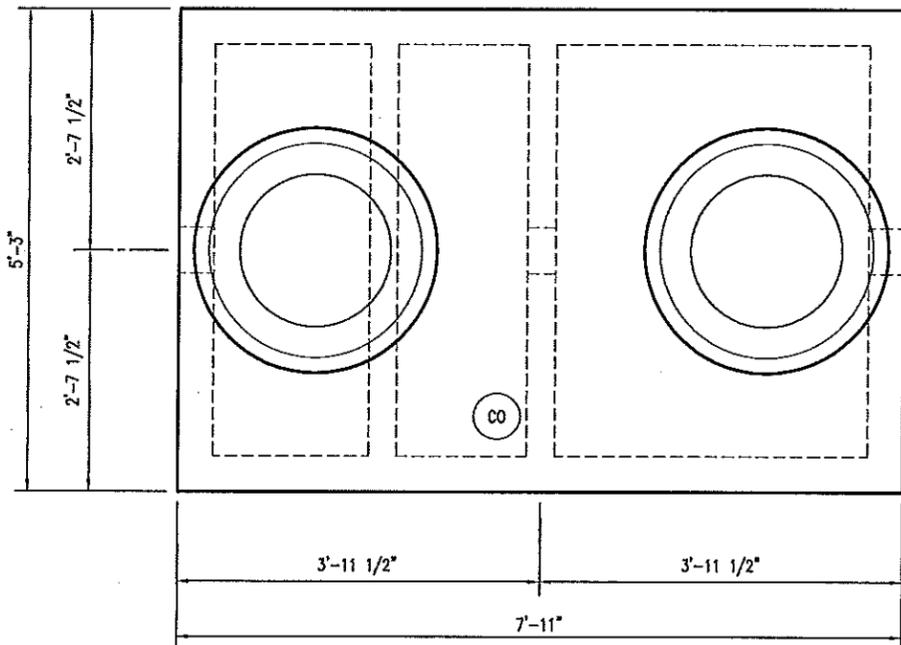
DESIGN BY: LARRY CARVER  
DATE: 12-10-10  
CHECK BY: DOUG RECORD  
SHEET  
3 OF 5

12.10.10

EQUAL TO CHAMPION PRECAST INC.  
1,200 GALLON OIL AND GREASE  
INTERCEPTOR STOCK STANDARD NO.  
140-00218D. HEAVY DUTY PRECAST  
CONCRETE. PH: (573) 384-5855

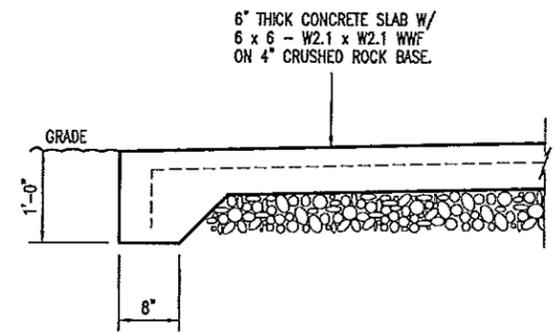


SECTION

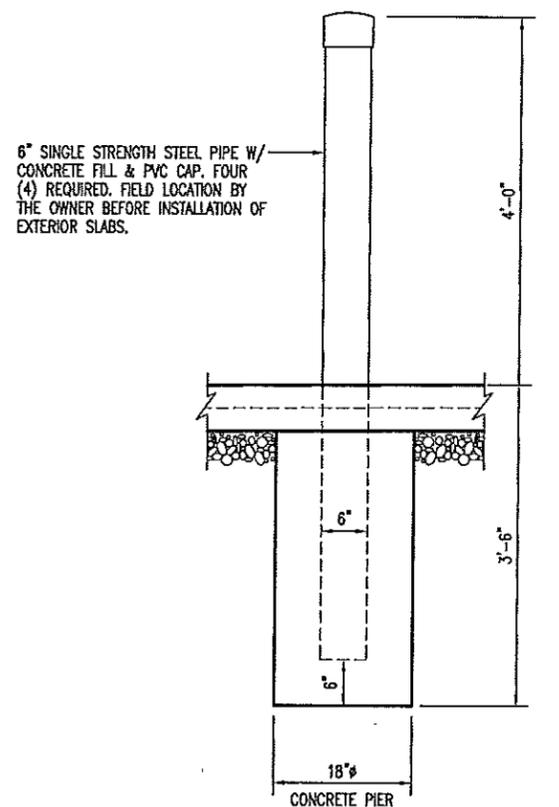


PLAN VIEW

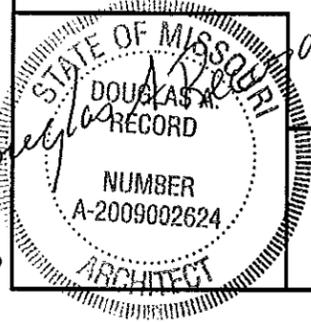
**A** 1,200 GALLON OIL SEPARATOR  
4 SCALE: 1/2" = 1'-0"



**D** APPROACH SLAB SECTION  
4 SCALE: 1/2" = 1'-0"



**B** BOLLARD DETAIL  
4 SCALE: 1/2" = 1'-0"



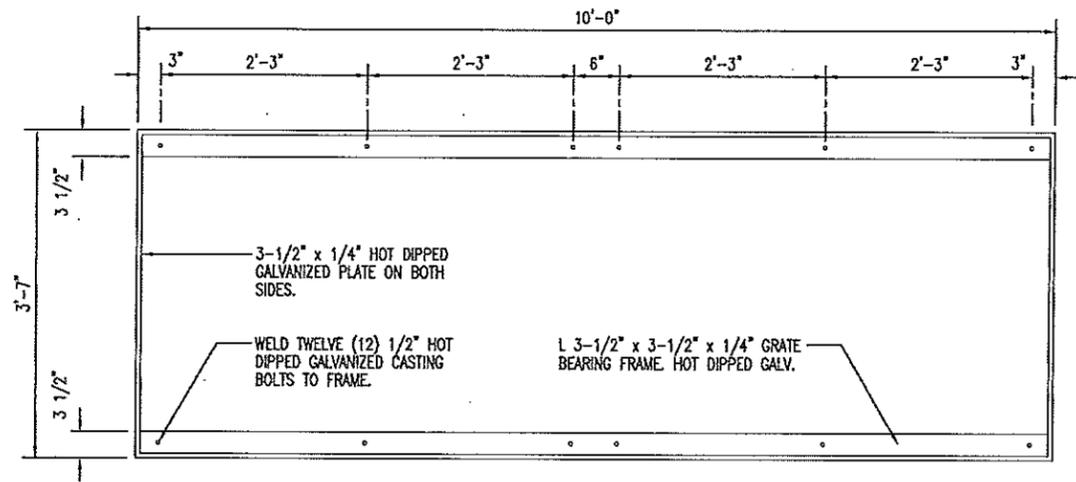
12.10.10

FOUNDATION DETAILS

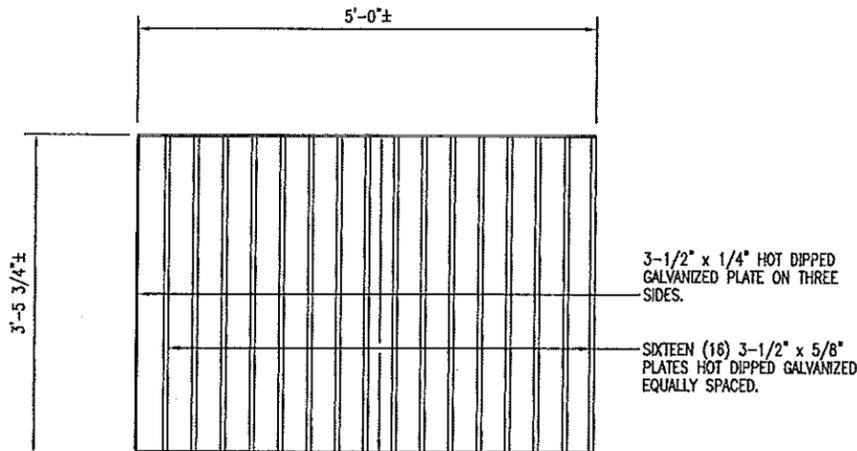
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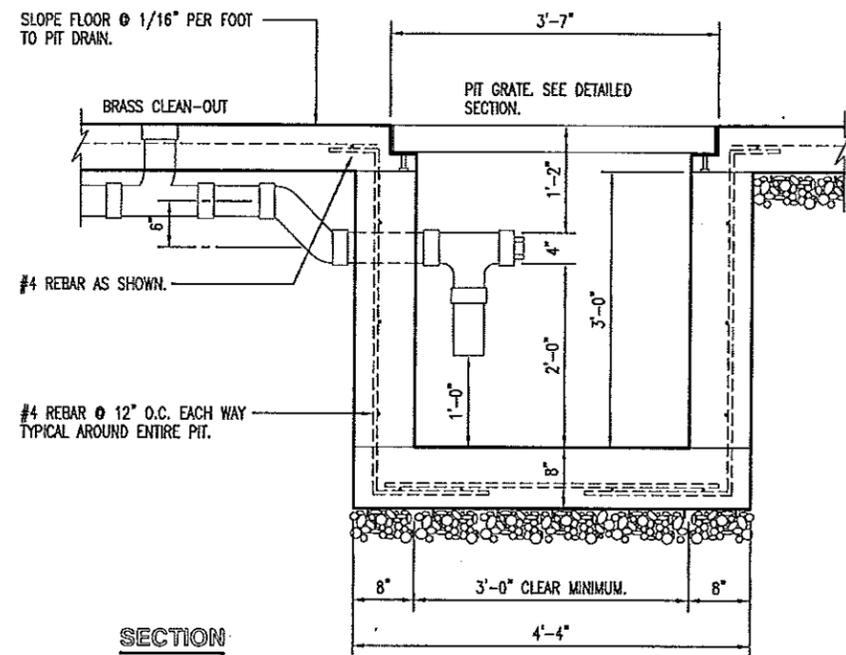
**BEARING FRAME PLAN**



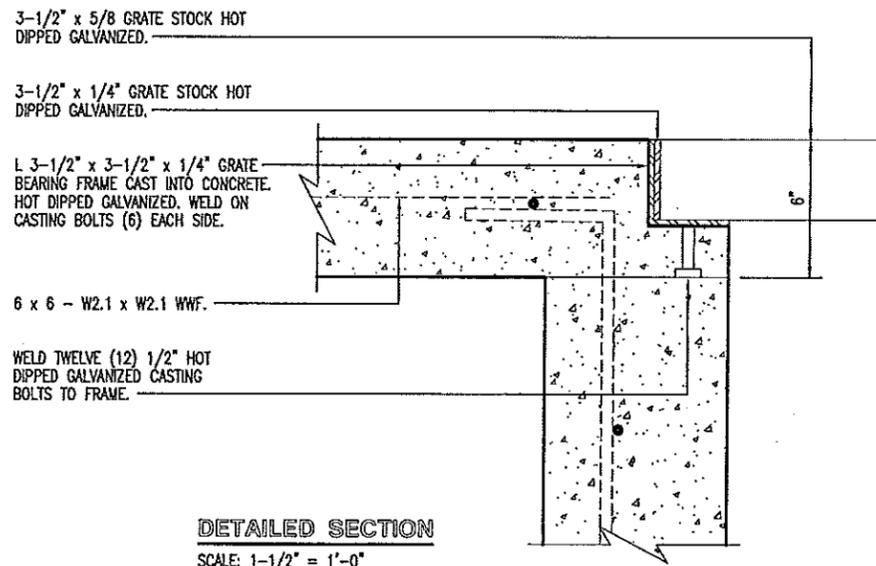
**PROVIDE TWO (2) GRATE PLAN**

**PLUMBING NOTES**

1. PLUMBING SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE LATEST EDITION OF THE IBC PLUMBING CODE.
2. PLUMBING SHALL BE LOCATED AND PLACED UNDER THE SLAB PRIOR TO POURING OF CONCRETE. PIPING SHALL BE RUN IN SAND FILLED TRENCH UNDER THE BASE ROCK AND SLEEVED WITH PVC WHENEVER RUN THROUGH CONCRETE.
3. PROVIDE PLUMBING EQUIPMENT AND ACCESSORIES REQUIRED FOR COMPLETE AND OPERATIONAL PLUMBING SYSTEMS AS REQUIRED BY MANUFACTURER'S INSTRUCTIONS AND DIRECTIONS FOR SYSTEMS SPECIFIED.
4. 1" YARD HYDRANT: EQUAL TO WOODFORD MODEL Y2 FREEZELESS, BACKFLOW PROTECTED, AUTOMATIC DRAINING YARD HYDRANT. PROVIDE 36" BURY LENGTH.

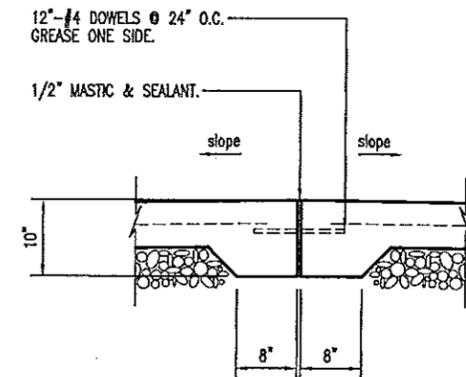


**SECTION**



**DETAILED SECTION**

SCALE: 1-1/2" = 1'-0"



**B EXPANSION JOINT**  
SCALE: 1/2" = 1'-0"

**A PIT DRAIN**  
SCALE: 1/2" = 1'-0"



12.10.10

**PIT DRAIN**

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