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MISSOURI DEPARTMENT
OF TRANSPORTATION

NEW TRUCK WASH BUILDING FOUNDATION
NORTHWEST DISTRICT
MOUND CITY, MISSOURI
Route 118, 1/4 Mile West of I-29
Holt County

CODE REQUIREMENTS

BUILDING CODE - CURRENT IBC
PLUMBING CODE - CURRENT IBC

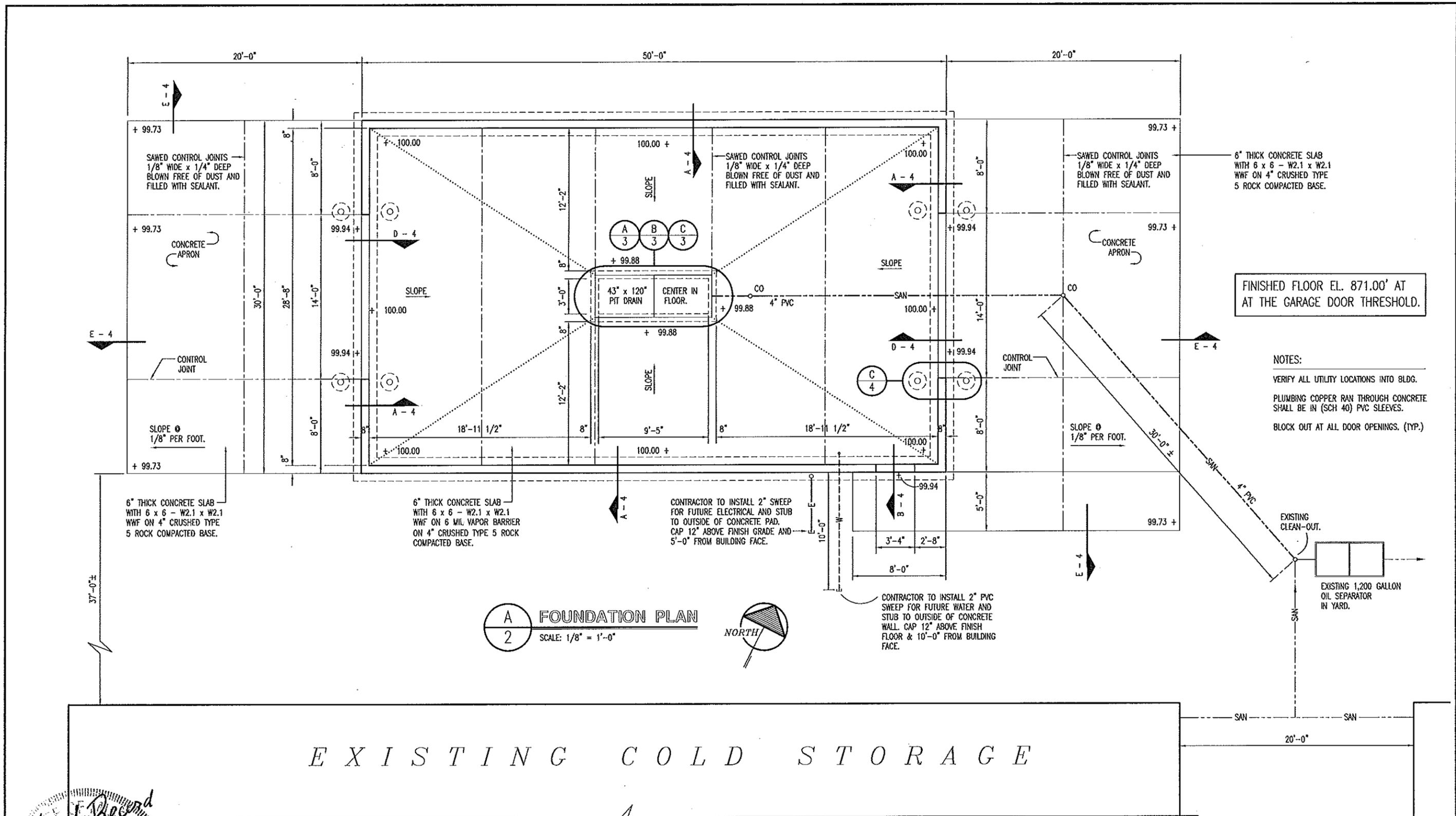


COVER SHEET

MISSOURI DEPARTMENT
OF TRANSPORTATION
DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

NEW TRUCK WASH BUILDING FOUNDATION
NORTHWEST DISTRICT, MOUND CITY, MISSOURI

DESIGN BY: LARRY CARVER
DRAWN BY: LARRY CARVER
DATE: 4-27-12
Sheet
1 of 4



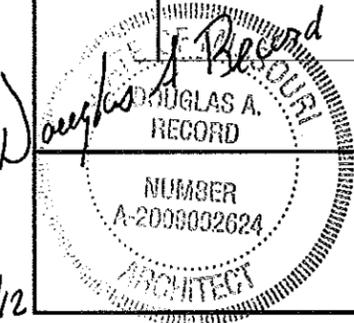
FINISHED FLOOR EL. 871.00' AT AT THE GARAGE DOOR THRESHOLD.

- NOTES:
- VERIFY ALL UTILITY LOCATIONS INTO BLDG.
 - PLUMBING COPPER RAN THROUGH CONCRETE SHALL BE IN (SCH 40) PVC SLEEVES.
 - BLOCK OUT AT ALL DOOR OPENINGS. (TYP.)

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



EXISTING COLD STORAGE



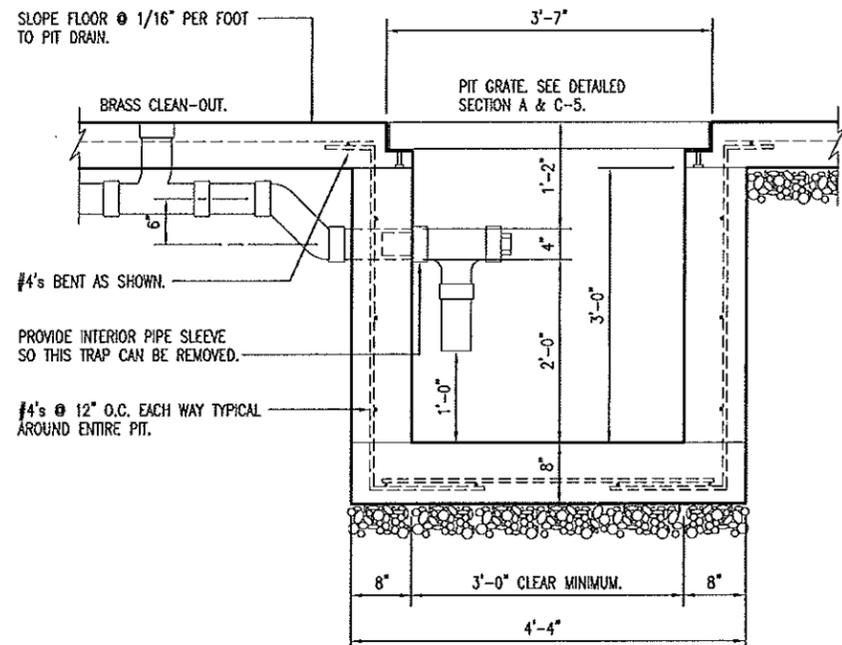
FOUNDATION PLAN

MISSOURI DEPARTMENT OF TRANSPORTATION
 DIVISION OF GENERAL SERVICES
 FACILITIES MANAGEMENT

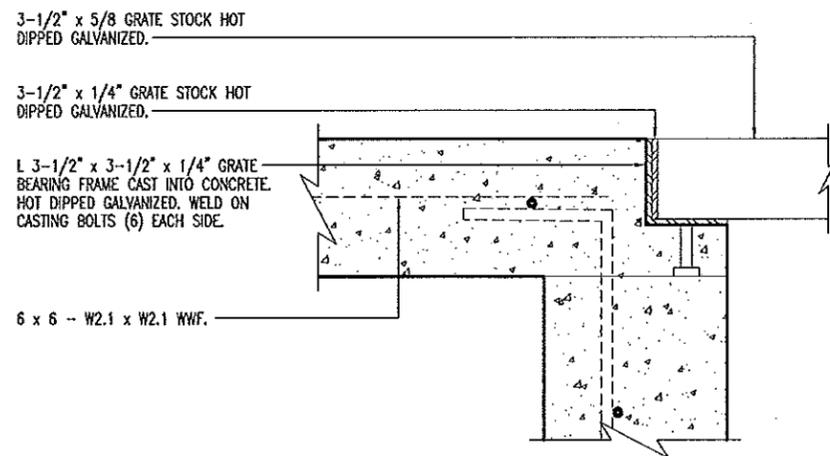
NEW TRUCK WASH BUILDING FOUNDATION
 NORTHWEST DISTRICT, MOUND CITY, MISSOURI

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 Sheet 2 of 4

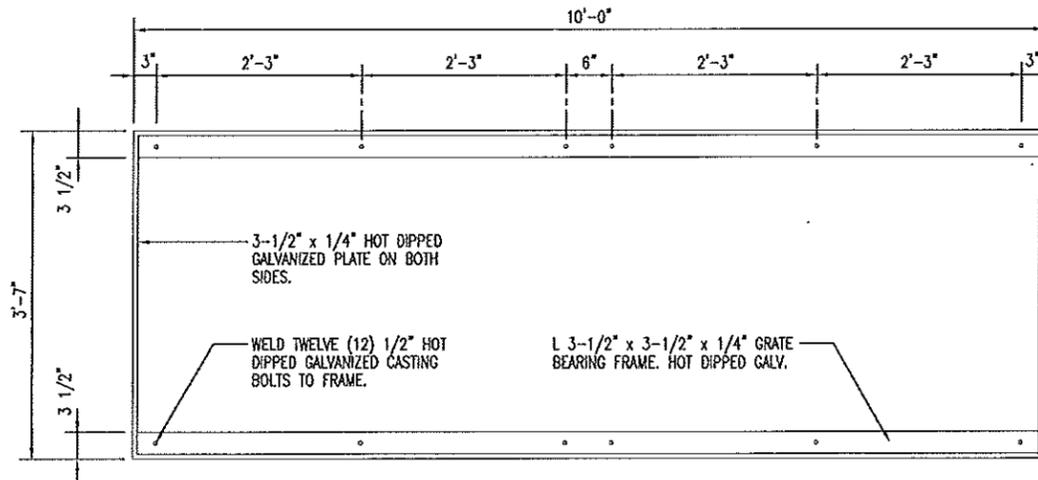
4/27/12



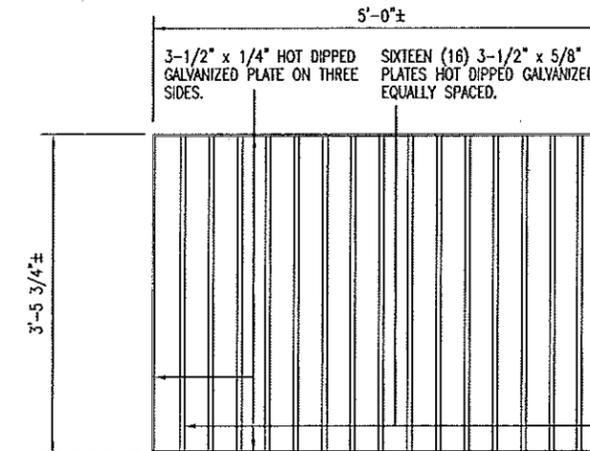
B
3
PIT DRAIN
SCALE: 1/2" = 1'-0"



A
3
GRATE SECTION
SCALE: 1-1/2" = 1'-0"



BEARING FRAME PLAN

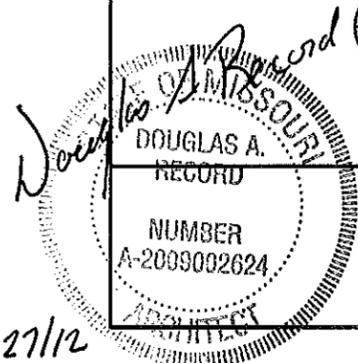


PROVIDE TWO (2) GRATE PLAN

C
3
GRATE AND FRAME DETAIL
SCALE: 3/4" = 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 6% +/- 2%.
6. FOOTINGS SHALL BEAR A MINIMUM OF 12 INCHES INTO UNDISTURBED SOIL AND 36" 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. 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. ENTIRE PERIMETER OF BUILDING TO RECEIVE 2" POLYISOCYANURATE RIGID INSULATION BOARD.
12. SAWED CONTROL JOINTS SHALL BE CLEANED FREE OF ALL DEBRIS AND FILLED WITH SEALANT. SEE SECTION 07900.
13. ALL EXPOSED INTERIOR CONCRETE FLOORS SHALL RECEIVE A CURING/SEALING FINISH PER SPECIFICATION SECTION 03346.
14. COPPER PIPING RUN THROUGH CONCRETE WORK SHALL BE RUN THROUGH PVC SLEEVES.

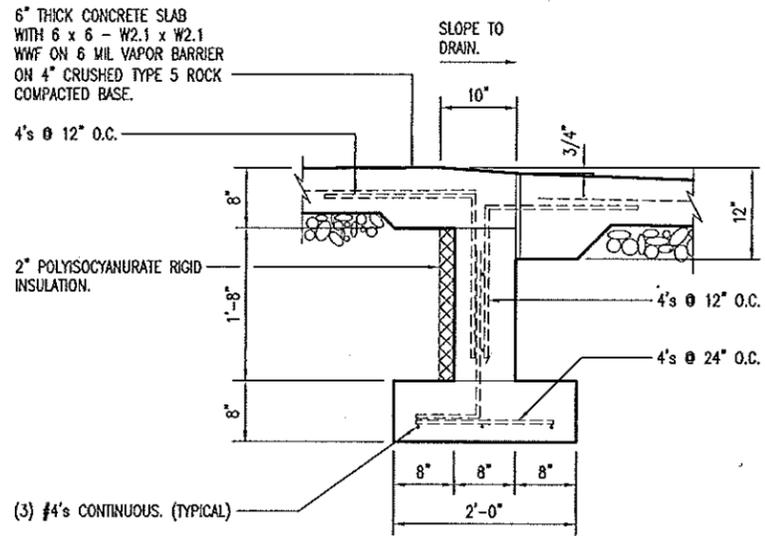


FOUNDATION DETAILS

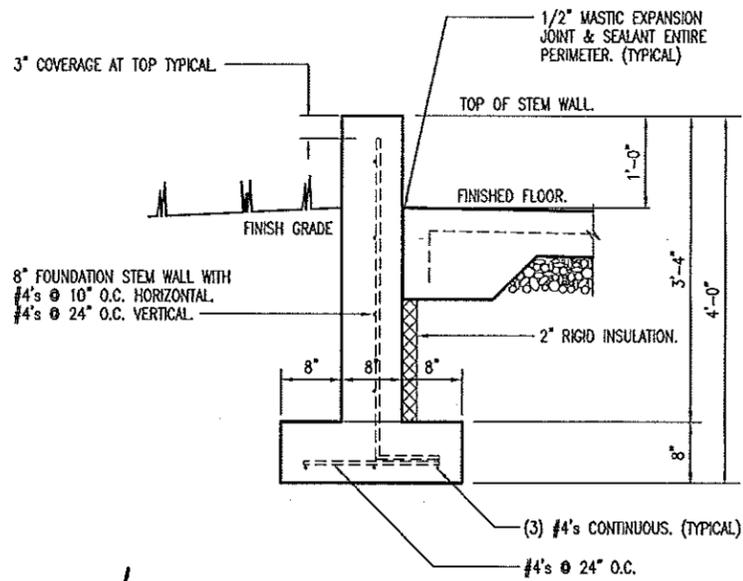
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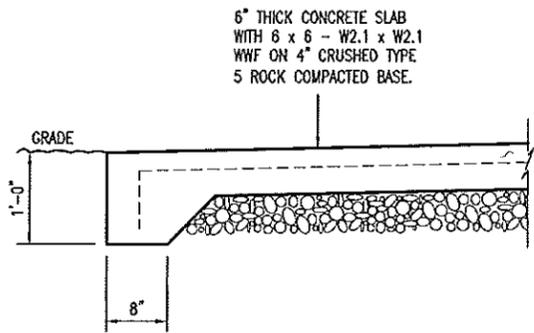
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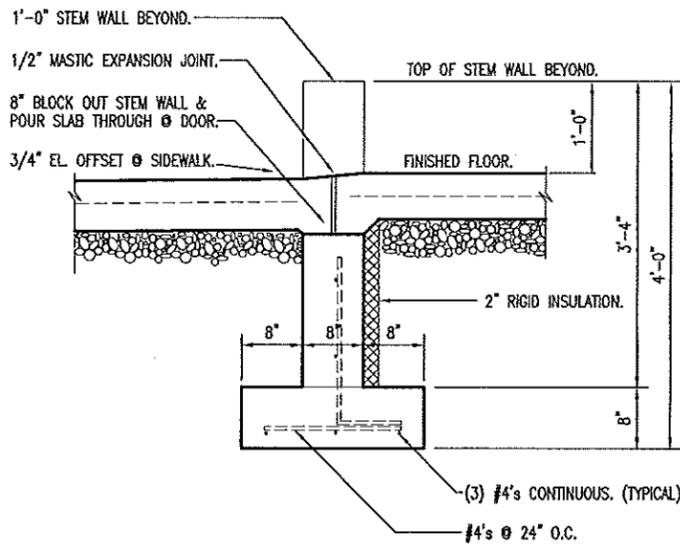
D GARAGE DOOR THRESHOLD
4 SCALE: 1/2" = 1'-0"



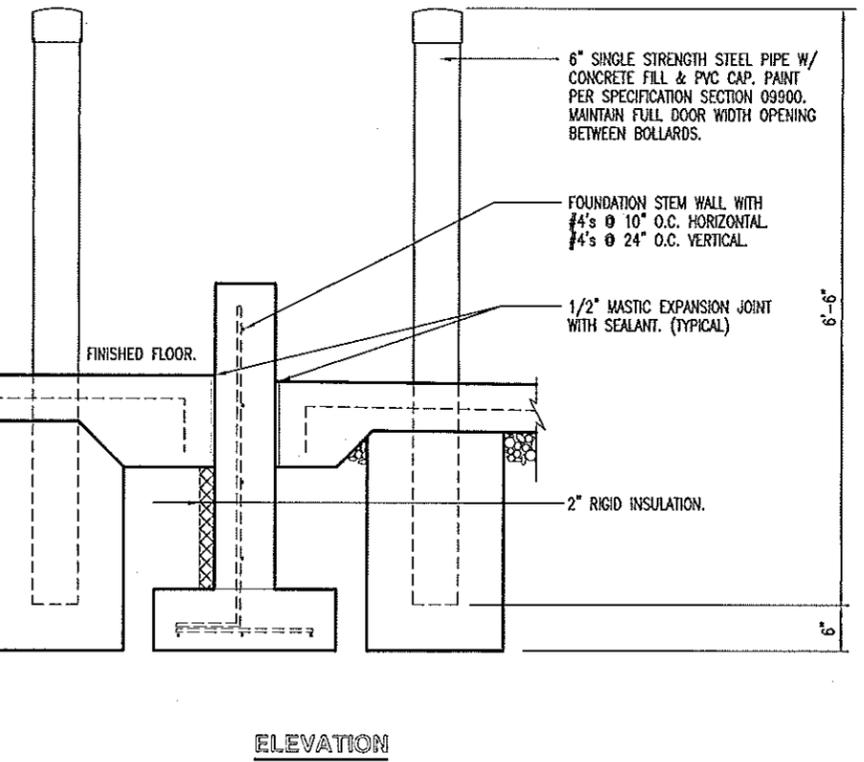
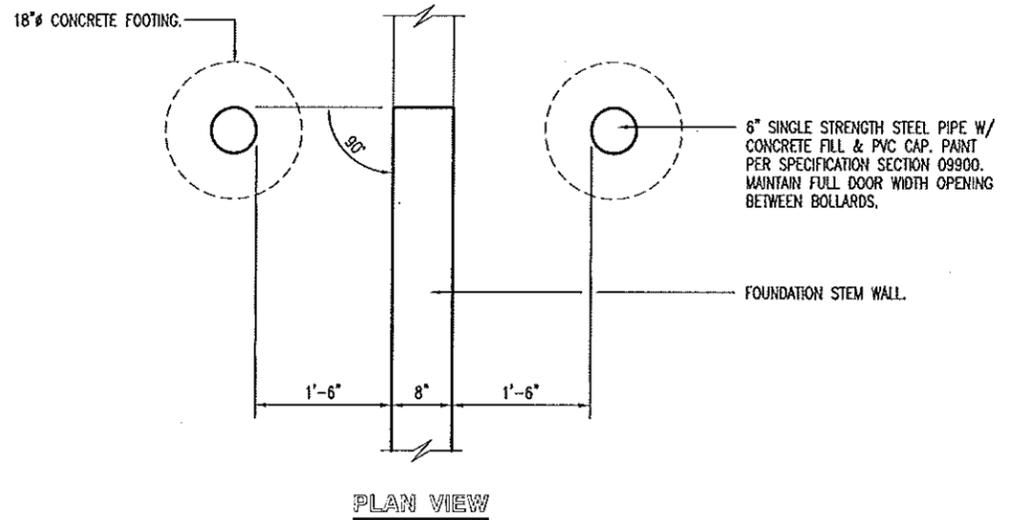
A EXTERIOR STEM WALL
4 SCALE: 1/2" = 1'-0"



E CONCRETE APRON EDGE
4 SCALE: 1/2" = 1'-0"



B EXTERIOR STEM WALL @ DOOR
4 SCALE: 1/2" = 1'-0"



C BOLLARDS @ PIER DETAIL
4 SCALE: 1/2" = 1'-0"

Record
RECORD
DOUGLAS A.
RECORD
NUMBER
A-2009002624
ARCHITECT
4/22/12

FOUNDATION DETAILS

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