

INDEX OF DRAWINGS

- 1 - 2 COVER SHEET
- 2 - 2 PLAN AND DETAILS

MISSOURI DEPARTMENT  
OF TRANSPORTATION

CONCRETE CONTAINMENT STRUCTURE  
VARIOUS MAINTENANCE SITES  
DISTRICT #7

CODE REQUIREMENTS

BUILDING CODE - CURRENT IBC

509 West Highway 32  
CEDAR COUNTY, STOCKTON, MISSOURI 65785

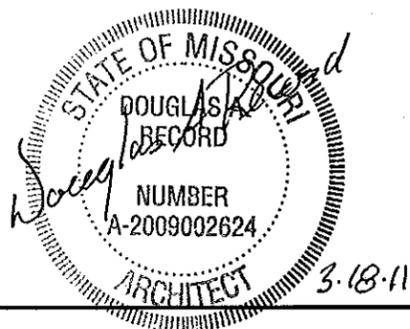
Route 54, 1.0 Mile East of Route 32  
CEDAR COUNTY, EL DORADO SPRINGS, MISSOURI 64744

Route 52, 1.5 Miles East of Route K  
BATES COUNTY, BUTLER, MISSOURI 63730

Route 39, 0.75 Miles North of Route 160 North Junction  
DADE COUNTY, GREENFIELD, MISSOURI 65661

5371 Northeast Business Highway 82  
ST. CLAIR COUNTY, OSCEOLA, MISSOURI 64776

2800 Stephens  
JASPER COUNTY, JOPLIN, MISSOURI 64804

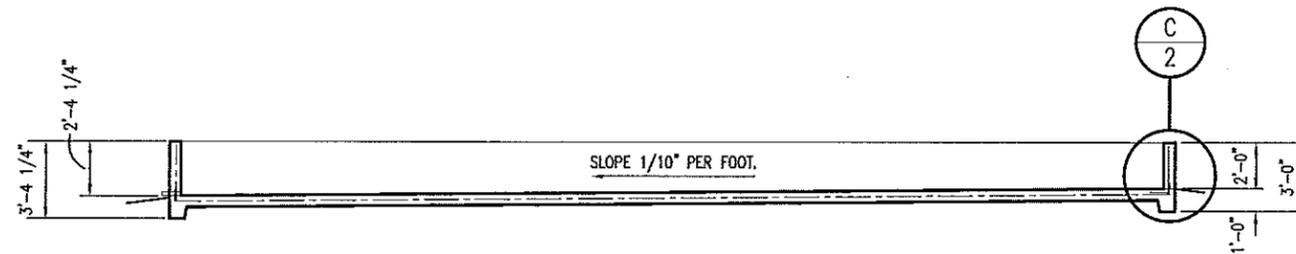


COVER SHEET

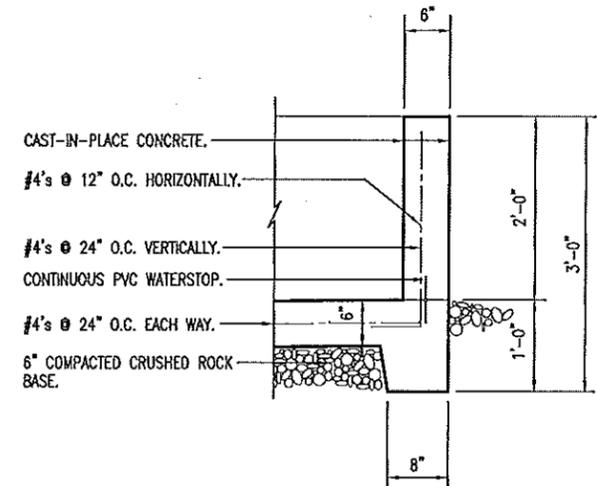
MISSOURI DEPARTMENT  
OF TRANSPORTATION  
DIVISION OF GENERAL SERVICES  
FACILITIES MANAGEMENT

CONCRETE CONTAINMENT STRUCTURE  
VARIOUS MAINTENANCE SITES  
DISTRICT #7

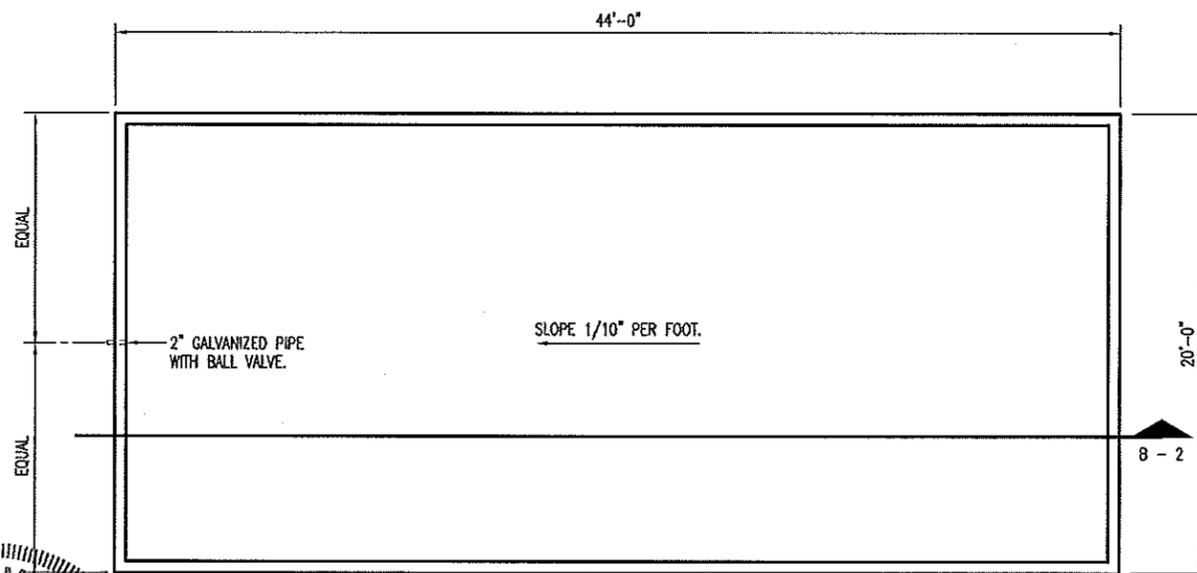
DRAWN BY: LARRY CARVER  
DATE: 3-14-11  
Sheet  
1 of 2



**B**  
2 SECTION  
SCALE: 1/8" = 1'-0"



**C**  
2 DETAIL  
SCALE: 1/2" = 1'-0"



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

**CONTRACTOR NOTES:**

CONCRETE STRENGTH: 4,000 LB. PSI @ 28 DAYS.

CONCRETE FINISH: EXPOSED FORM FINISH SHOULD BE RUBBED DOWN OR CHIP AND SMOOTH FINS OR OTHER RAISED AREAS 1/4" OR MORE IN HEIGHT. REPAIR SURFACE DEFECTS, INCLUDING TIE HOLES, IMMEDIATELY AFTER REMOVING FORMWORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A SMOOTH FINISHING OF ALL CONCRETE SLABS TO PROPER ELEVATION TO ENSURE THAT ALL SURFACE MOISTURE WILL DRAIN FREELY TO DRAIN.

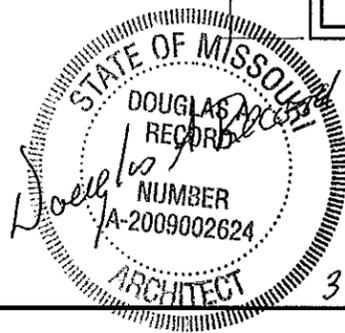
TESTING: CONTRACTOR IS TO PULL ONE SAMPLE FROM FLOOR AND ONE FROM THE WALLS AND LEAVE AT EACH LOCATION. MODOT WILL PERFORM THE CYLINDER TESTING. CONTRACTOR SHOULD ALSO PROVIDE A DESIGN MIX FROM THE BATCH PLANT.

FILLING AND BACKFILLING: PLACE BACKFILL AND FILL MATERIALS IN LAYERS NOT MORE THAN 8" IN LOOSE DEPTH. BEFORE COMPACTION, MOISTEN OR AERATE EACH LAYER AS NECESSARY TO PROVIDE THE SPECIFIED MOISTURE CONTENT. COMPACT EACH LAYER TO REQUIRED PERCENTAGE OF MAXIMUM DENSITY FOR THE AREA.

WATERSTOP: GREENSTREAK INC. - STYLE NUMBER 703, 6" x 3/16", PVC, RIBBED, SERRATED WITH CENTERBULB OR EQUAL.

EXCAVATION: CONTRACTOR TO SLOPE GRADE AWAY FROM NEW CONTAINMENT STRUCTURE AS REQUIRED WITH TYPE 5 ROCK BASE.

STAKING: STRUCTURE LOCATION STAKED BY MODOT AT MAINTENANCE SITE.



3-18-11

**PLAN AND DETAILS**

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