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MISSOURI DEPARTMENT
OF TRANSPORTATION

CONCRETE CONTAINMENT STRUCTURE
VARIOUS MAINTENANCE SITES
SOUTHWEST DISTRICT

CODE REQUIREMENTS

BUILDING CODE - CURRENT IBC

1063 West Highway 86
STONE COUNTY, LAMPE, MISSOURI

70 North Highway 39
DADE COUNTY, GREENFIELD, MISSOURI

1880 State Highway 248
STONE COUNTY, GALENA, MISSOURI

1810 Selmore Boulevard
CHRISTIAN COUNTY, OZARK, MISSOURI

20907 East Highway 76
TANEY COUNTY, (BRADLEYVILLE) TANEYVILLE, MISSOURI

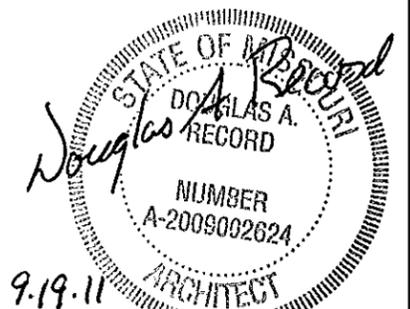
820 West Main
BENTON COUNTY, COLE CAMP, MISSOURI

1551 East Main
BENTON COUNTY, WARSAW, MISSOURI

Route 1, Box 124
HICKORY COUNTY, PRESTON, MISSOURI

601 North Outer Road
VERNON COUNTY, NEVADA, MISSOURI

67 Southeast 1st Lane
BARTON COUNTY, LARMAR, MISSOURI



COVER SHEET

MISSOURI DEPARTMENT
OF TRANSPORTATION

DIVISION OF GENERAL SERVICES
FACILITIES MANAGEMENT

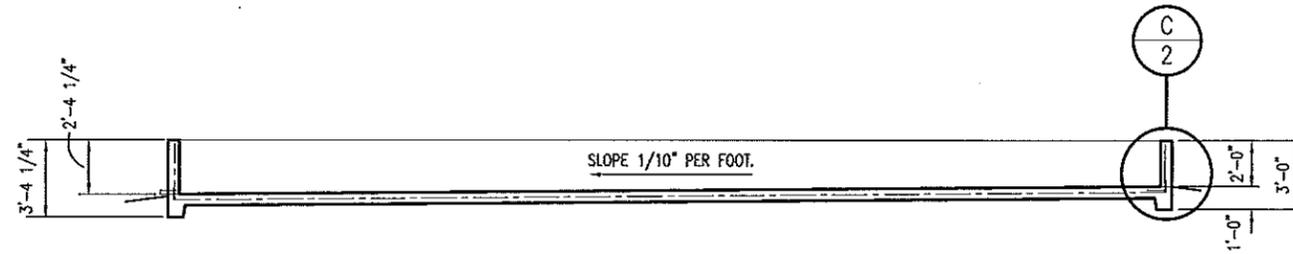
CONCRETE CONTAINMENT STRUCTURE
VARIOUS MAINTENANCE SITES
SOUTHWEST DISTRICT

DESIGNED BY: LARRY CARVER

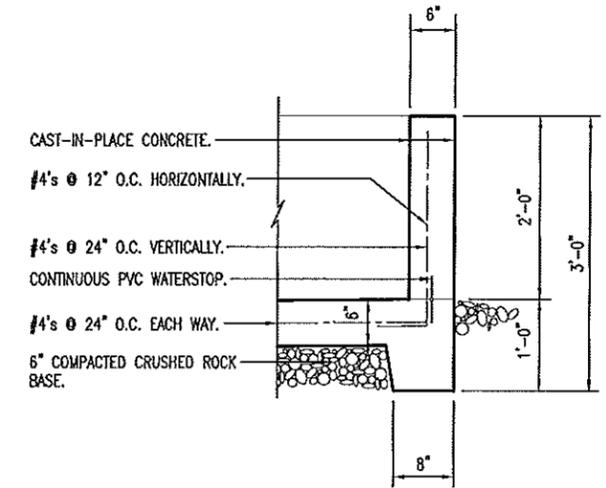
DATE: 9-19-11

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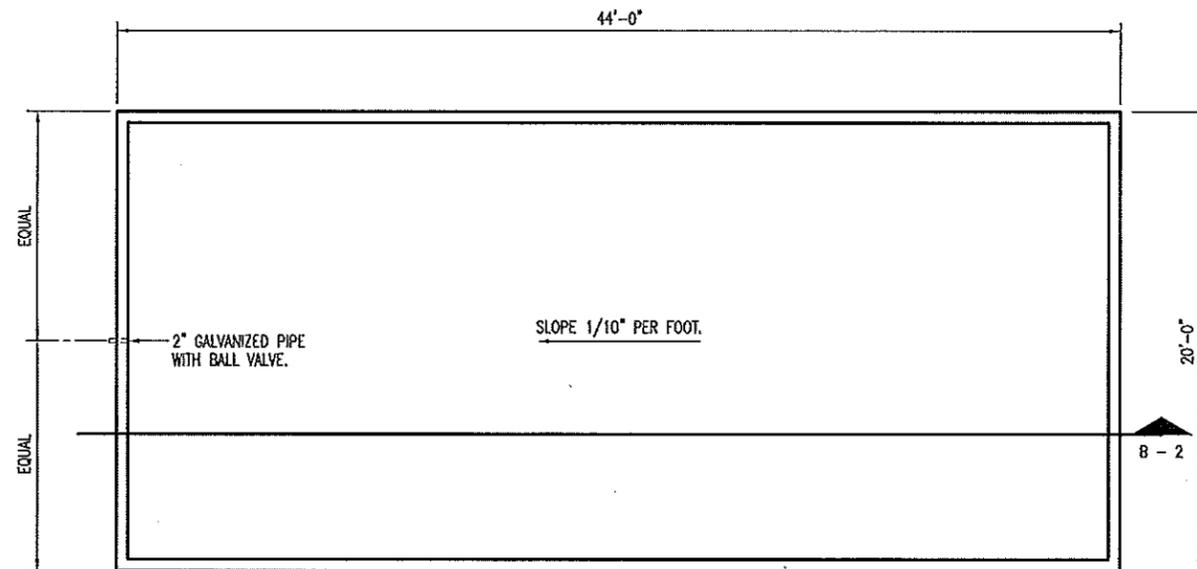
1 of 2



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



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



A PLAN VIEW
2 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 THE 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.

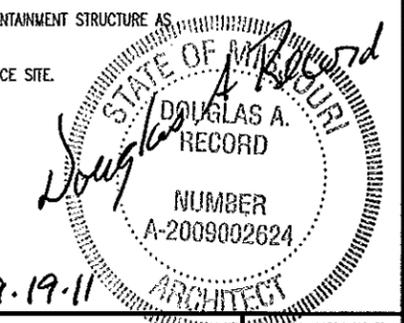
FILLING AND BACKFILLING: PLACE BACKFILL AND FILL MATERIALS IN LAYERS NOT MORE THAN 8" IN LOOSE DEPTH. BEFORE COMPACTION, MOISTEN OR AERATE EACH LAYER AS NECESSARY TO PROVIDE THE SPECIFIED MOISTURE CONTENT. COMPACT EACH LAYER TO REQUIRED PERCENTAGE OF MAXIMUM DENSITY FOR THE AREA.

WATERSTOP: GREENSTREAK INC. - STYLE NUMBER 703, 6" x 3/16", PVC, RIBBED, SERRATED WITH CENTERBULB OR EQUAL. OPTIONAL: WATERSTOP RX WITH 2-1/2" x 1-1/2" KEYWAY.

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.

AIR ENTRAINMENT: EXPOSED EXTERIOR CONCRETE 6% ± 2%.



PLAN AND DETAILS

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FACILITIES MANAGEMENT

CONCRETE CONTAINMENT STRUCTURE
VARIOUS MAINTENANCE SITES
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