

MISSOURI DEPARTMENT OF CONSERVATION

JASON SUMNERS
DIRECTOR

SCHELL-OSAGE CONSERVATION AREA

GOLDEN ANNIVERSARY WETLAND WETLAND ENHANCEMENT

57-01-35

VERNON AND ST. CLAIR COUNTIES, MISSOURI
PLANS FOR CONSTRUCTION



2024



APPROVAL

INFRASTRUCTURE MANAGEMENT



PO BOX 180, JEFFERSON CITY, MO 65102
573-522-4115 www.mdc.mo.gov

July 17, 2024
DATE

SCHELL-OSAGE CONSERVATION AREA
GOLDEN ANNIVERSARY WETLAND
WETLAND ENHANCEMENT

57-01-35



GREAT LAKES/ATLANTIC REGIONAL OFFICE
7322 NEWMAN BOULEVARD, BUILDING 1
DEXTER, MICHIGAN 48130
(734) 623-2000 www.ducks.org

DUCKS UNLIMITED

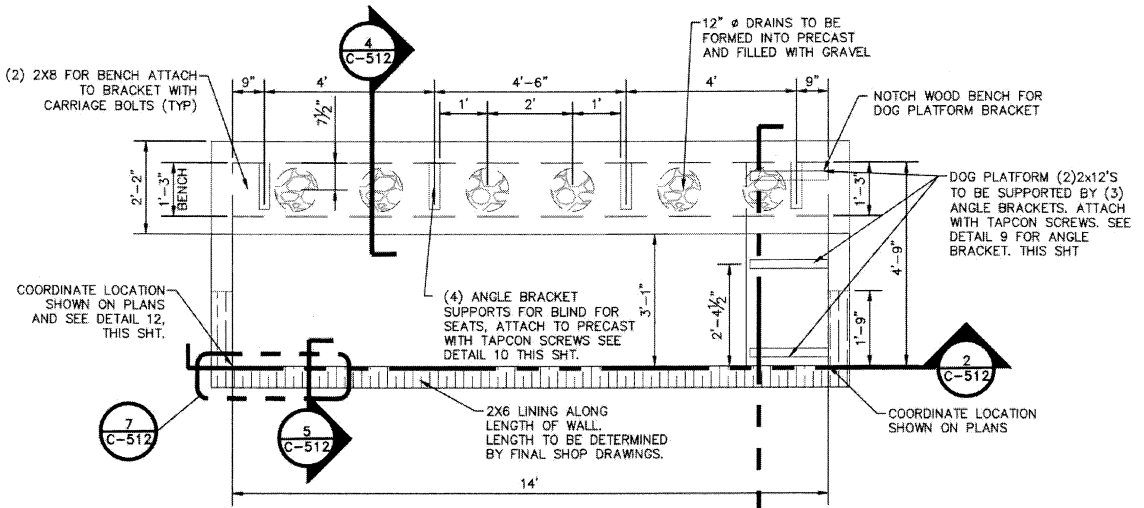


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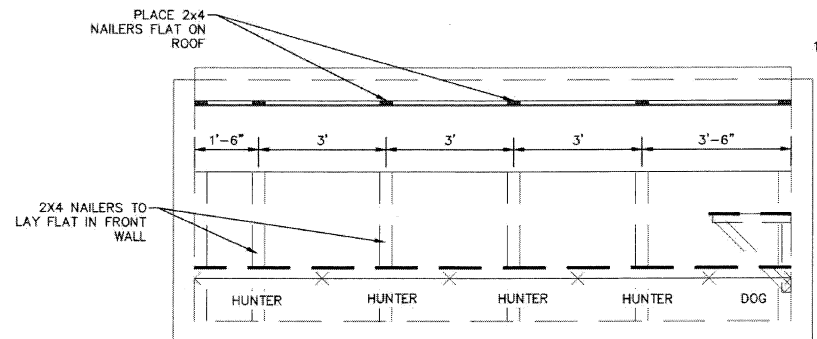
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PROJECT NO: 57-01-35		
CAD DWG FILE: C-512-514 DET.dwg		
DRAWN BY: DCR		
DESIGNED BY: KGS		
CHECKED BY: TMP		
SHEET TITLE		

STANDARD DUCK BLIND DETAIL

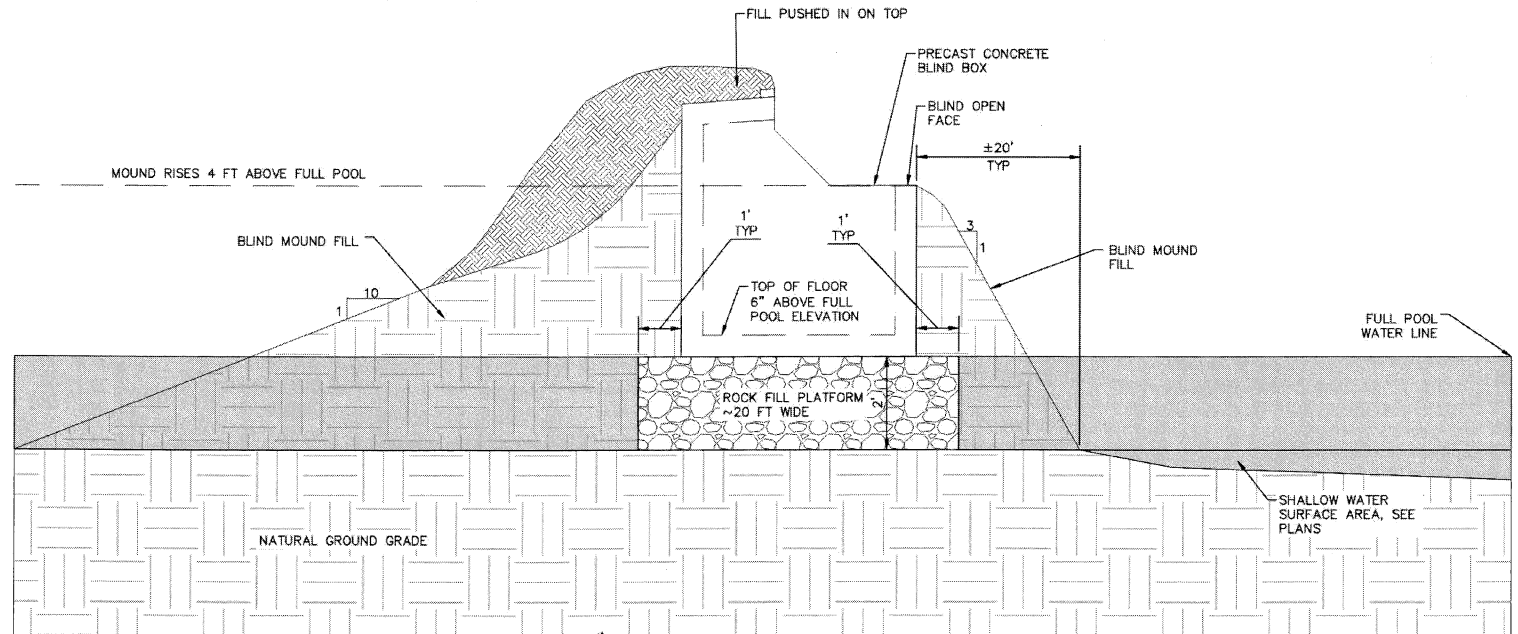
C-512
SHEET 143 OF 151



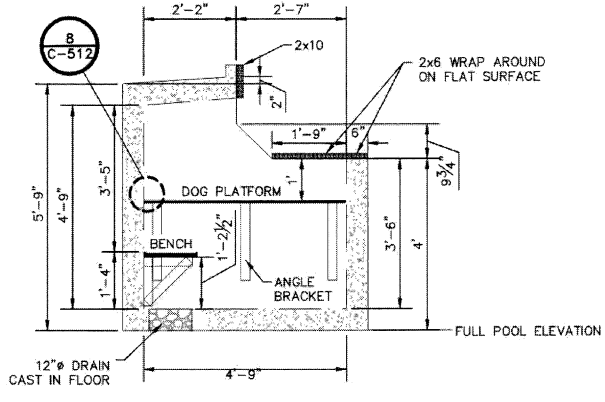
1 DUCK BLIND PLAN VIEW
SCALE 1/2" = 1'



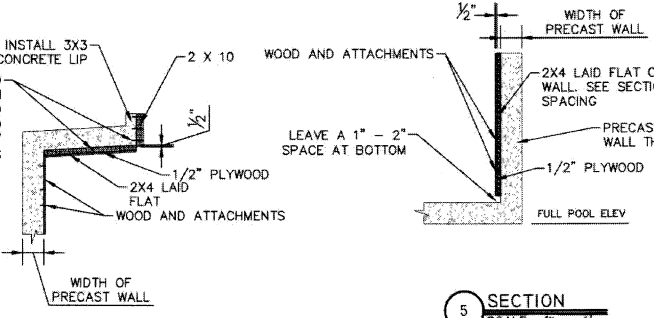
2 DUCK BLIND ELEVATION VIEW
SCALE 1/2" = 1'



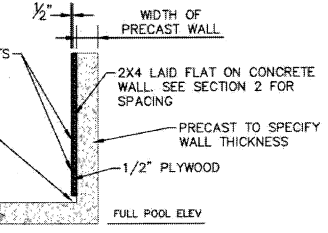
6 BLIND INSTALLATION DETAIL
NOT TO SCALE



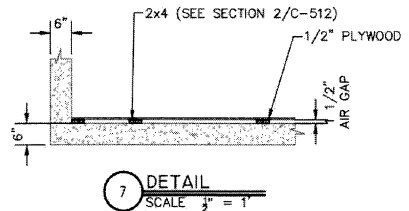
3 SECTION
SCALE 1/2" = 1'



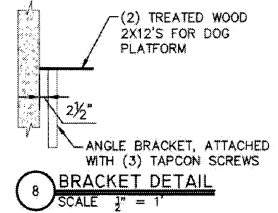
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SCALE 1/2" = 1'



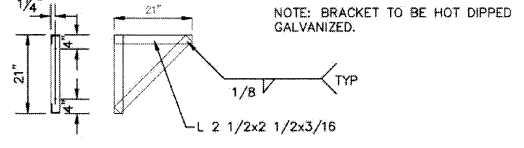
5 SECTION
SCALE 1/2" = 1'



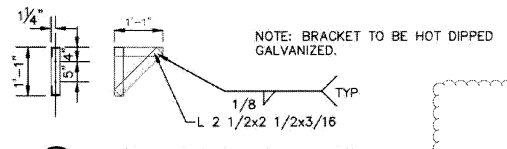
7 DETAIL
SCALE 1/4" = 1'



8 BRACKET DETAIL
SCALE 1/2" = 1'

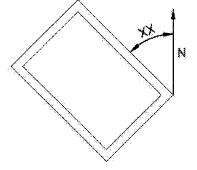


9 DOG PLATFORM SUPPORT ANGLE BRACKET
SCALE 1/2" = 1'



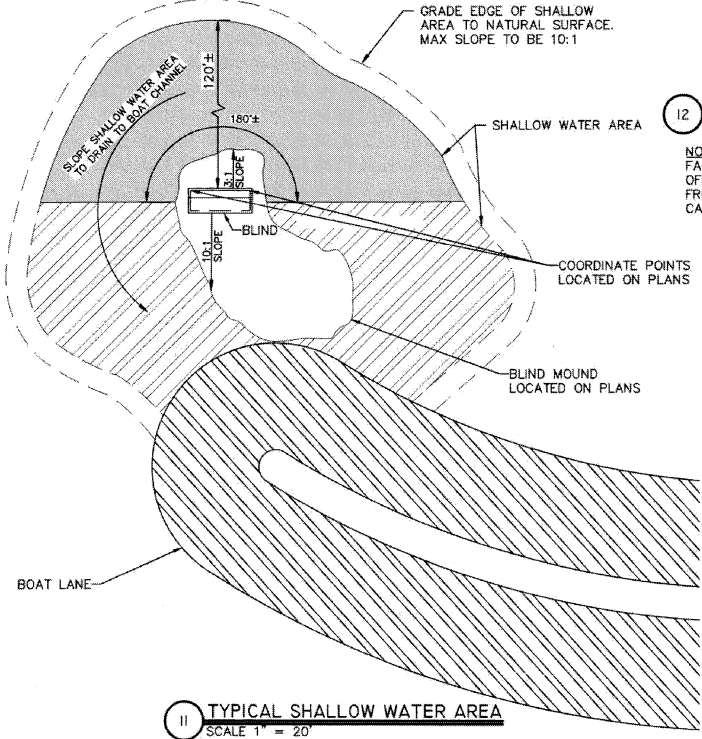
10 BENCH SUPPORT ANGLE BRACKET
SCALE 1/2" = 1'

26 Req'd



12 TYPICAL BLIND ROTATION
NOT TO SCALE

NOTE: OPEN FACE OF BLIND FACES XX' COUNTERCLOCKWISE OFF OF NORTH, ROTATED FROM FRONT RIGHT CORNER, PER CALLOUTS ON PLAN SHEETS



11 TYPICAL SHALLOW WATER AREA
SCALE 1" = 20'

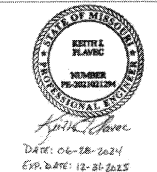
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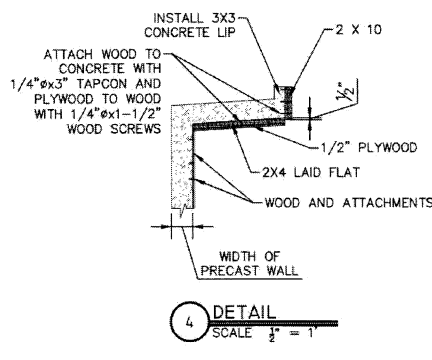
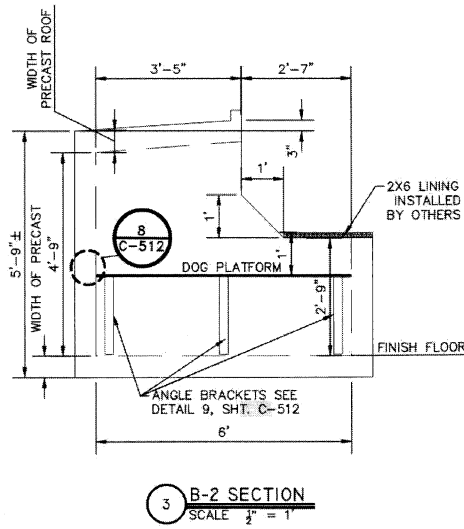
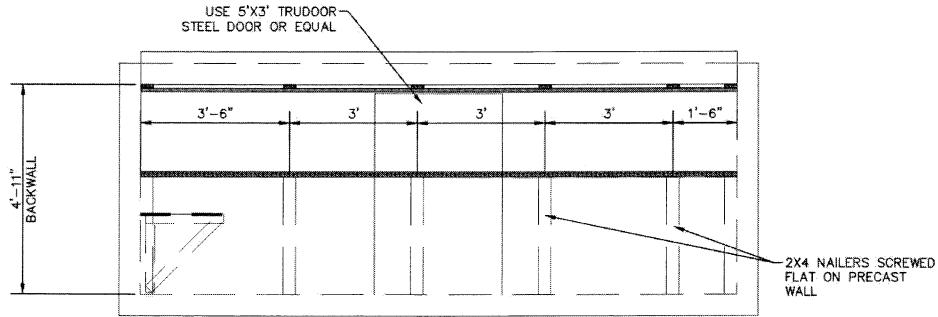
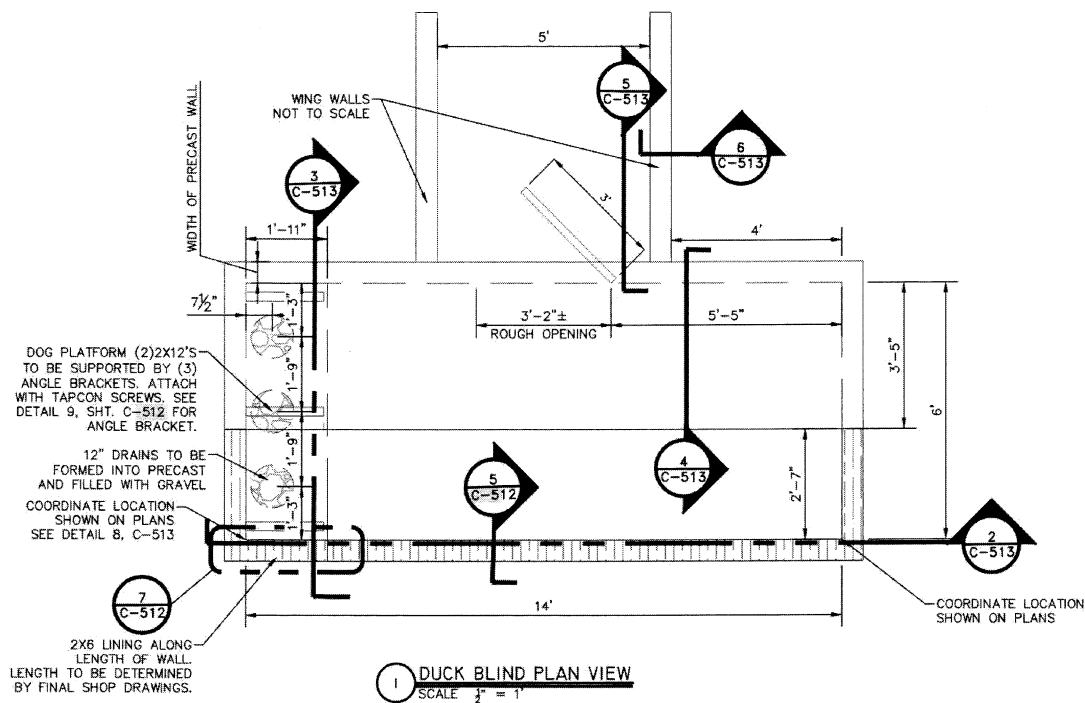
SCHELL-OSAGE CONSERVATION AREA
GOLDEN ANNIVERSARY WETLAND
WETLAND ENHANCEMENT
VERNON AND ST. CLAIR COUNTIES

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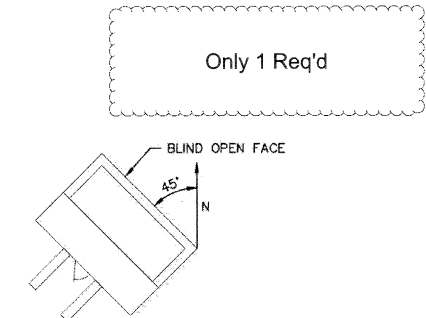
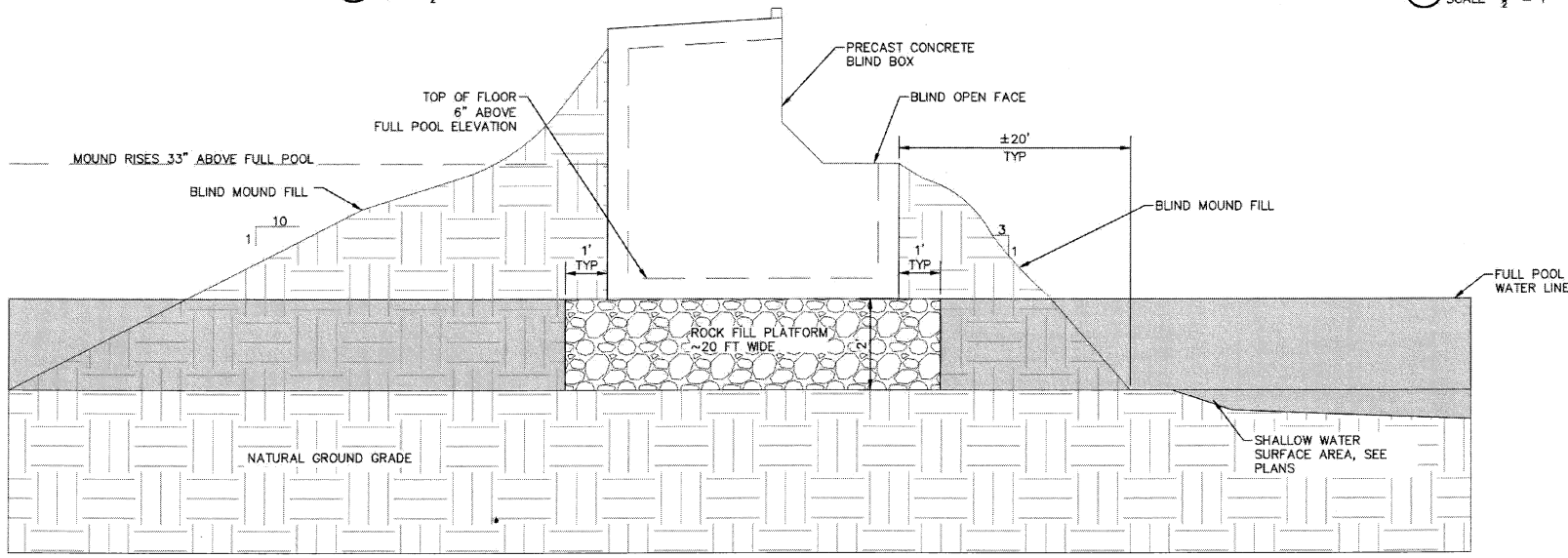
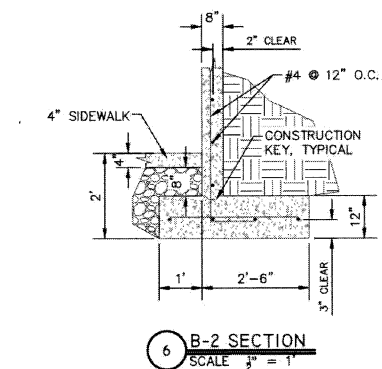
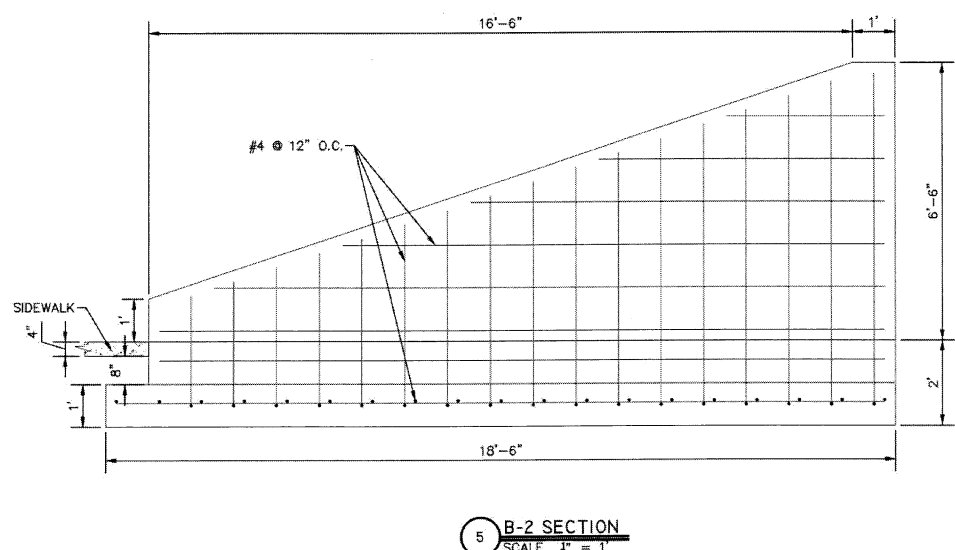
ADA B-2 DUCK BLIND DETAIL

C-513

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- NOTES:
- 1) PRECAST DESIGN BY PRECAST CONTRACTOR.
 - 2) PRECAST BUILDINGS TO HAVE LIFTING LUGS IMBEDDED IN STRUCTURE.
 - 3) COLOR OF CONCRETE IN BLIND AND ADA SIDEWALK TO BE MUD BROWN.
 - 4) ALL WOOD TO BE PRESSURE TREATED #2 GRADE SPF/SPY OR BETTER. CONTRACTOR TO SUPPLY AND INSTALL ALL WOOD.
 - 5) ALL WALLS AND CEILING TO BE COVERED WITH PLYWOOD. FLOOR TO BE BARE CONCRETE.
 - 6) FOR ALL PLYWOOD USE APA EXTERIOR PLYWOOD PANELS C-C GRADE OR BETTER.



NOTE: OPEN FACE OF BLIND FACES 45° COUNTERCLOCKWISE OFF OF NORTH, ROTATED FROM FRONT RIGHT CORNER, PER CALLOUTS ON PLAN SHEETS.

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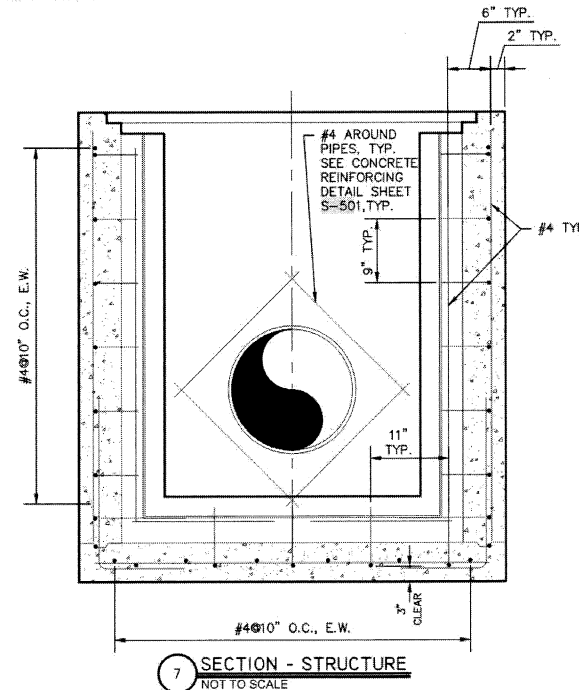
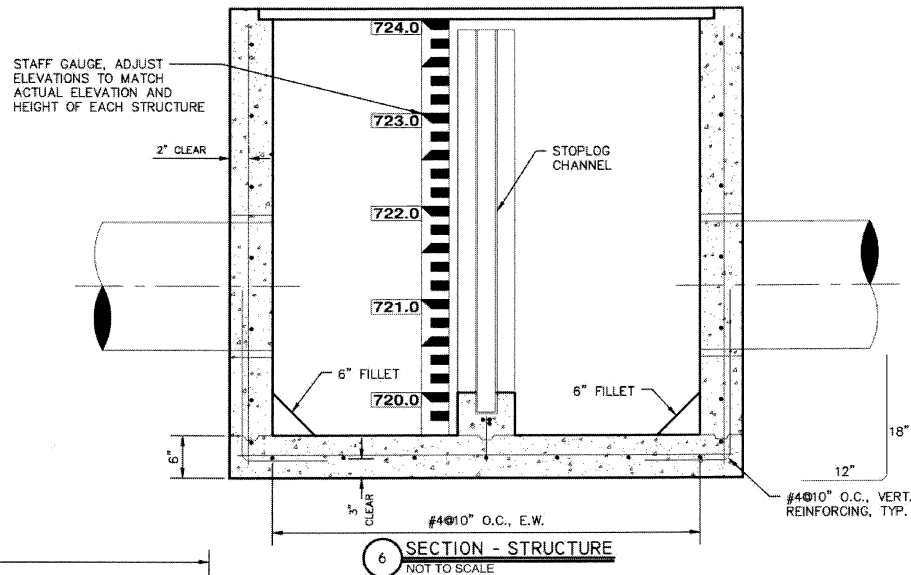
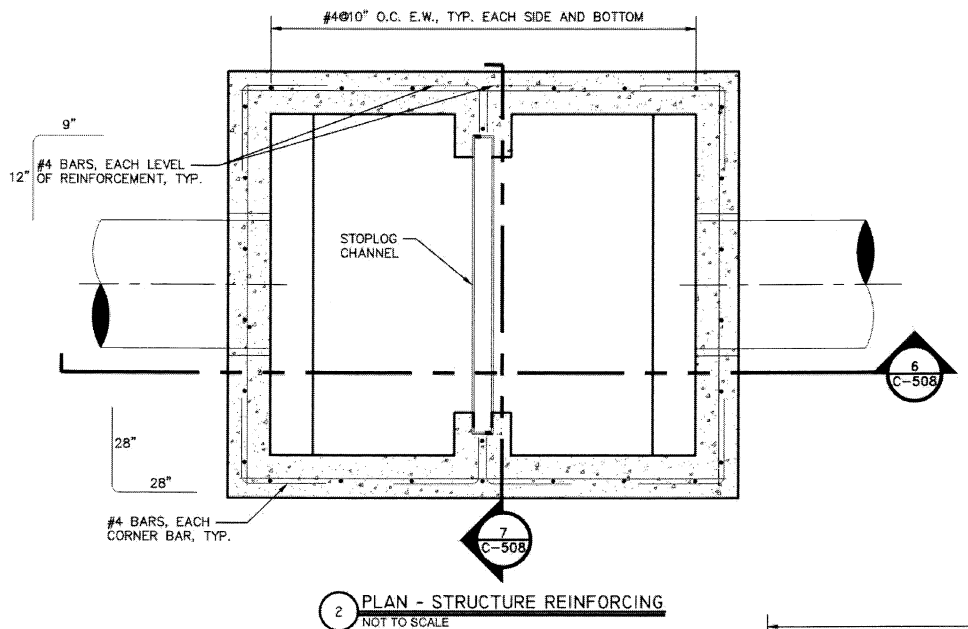
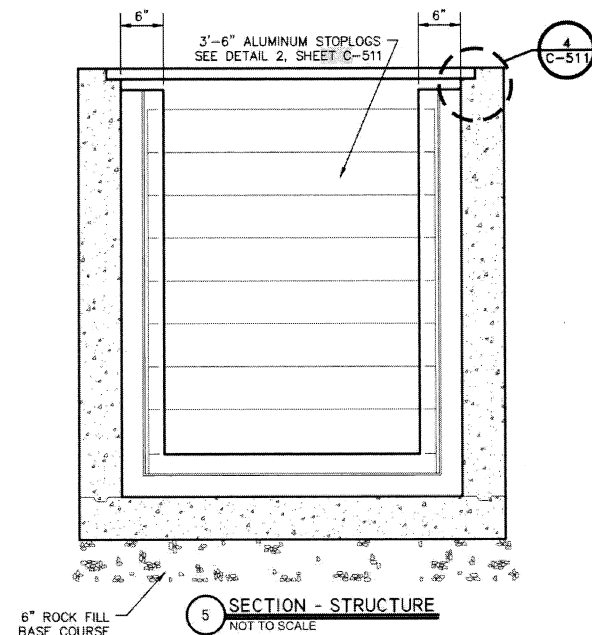
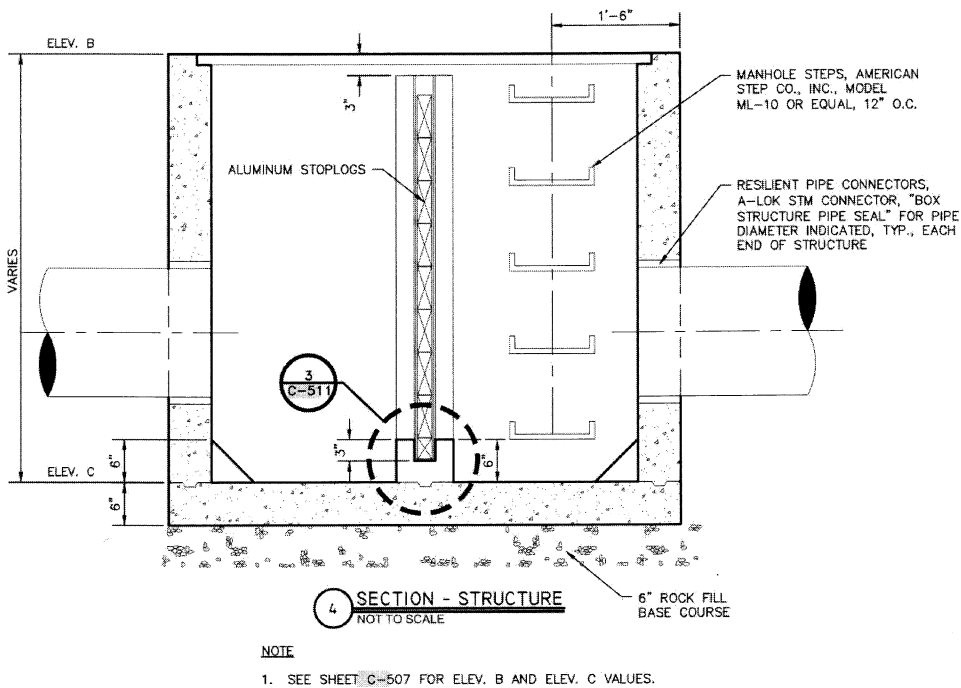
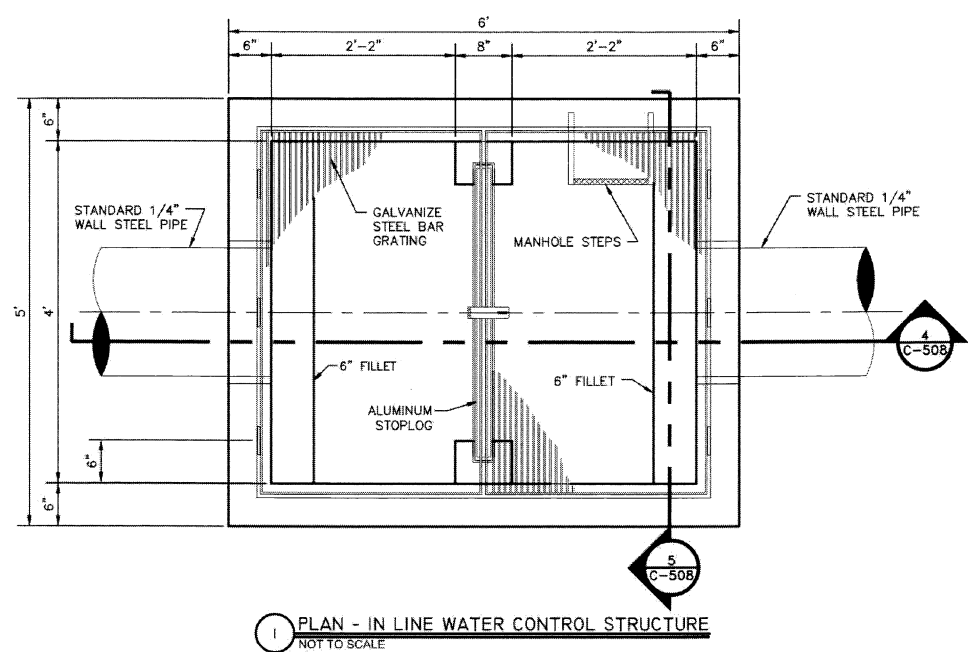
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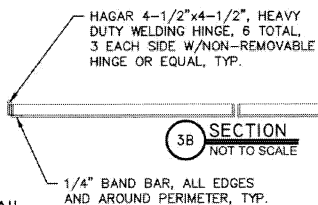
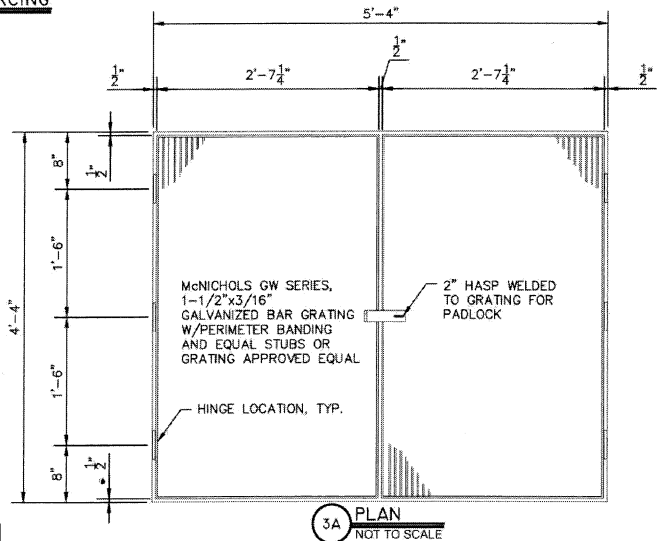
IN-LINE WCS DETAILS

C-508

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- NOTES:
- SEE SHEET S-501 FOR CONSTRUCTION KEY AND REINFORCING DETAILS.
 - SEE SECTION 071100 OF SPECIFICATIONS FOR CONCRETE DAMPROOFING OF BURIED SURFACES.



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- NOTES
- RESILIENT PIPE CONNECTORS SHALL BE A-LOK STM CONNECTORS, "BOX STRUCTURE PIPE SEAL" FOR PIPE DIAMETER INDICATED, TYP., EACH END OF STRUCTURE.
 - STEVENS STYLE E STAFF GAGES, AND NUMERALS, AVAILABLE THRU FORESTRY SUPPLIERS INC. SHALL BE SET TO ELEVATION. THE STAFF AND NUMERALS SHALL BE FASTENED TO THE CONCRETE WALL WITH NO. 8x1" STAINLESS STEEL ROUND HEAD SCREWS W/ PLASTIC PLUG ANCHORS OR BETTER.
 - FULL 3 DIGIT NUMERAL PLATES SHALL BE PLACED 1/2 FOOT ABOVE TOP OF WEIR ELEVATION AND 1 FOOT ABOVE FLOOR ELEVATION OF STAFF AT EACH STRUCTURE, AND SINGLE DIGIT NUMERAL PLATES SHALL BE PLACED AT EACH FOOT IN BETWEEN.
 - INSTALL GAGE BASED ON BOTTOM ELEVATION.
 - WATER CONTROL STRUCTURE MAY BE CAST-IN-PLACE OR PRE-CAST AT THE CONTRACTORS OPTION, EITHER TYPE SHALL MEET THE REQUIREMENTS OF DIVISION 3 OF THE CONTRACT SPECIFICATIONS.
 - ALL ALUMINUM IN CONTACT WITH CONCRETE REQUIRES A MINIMUM OF 2 LAYERS OF BITUMINOUS COATING.