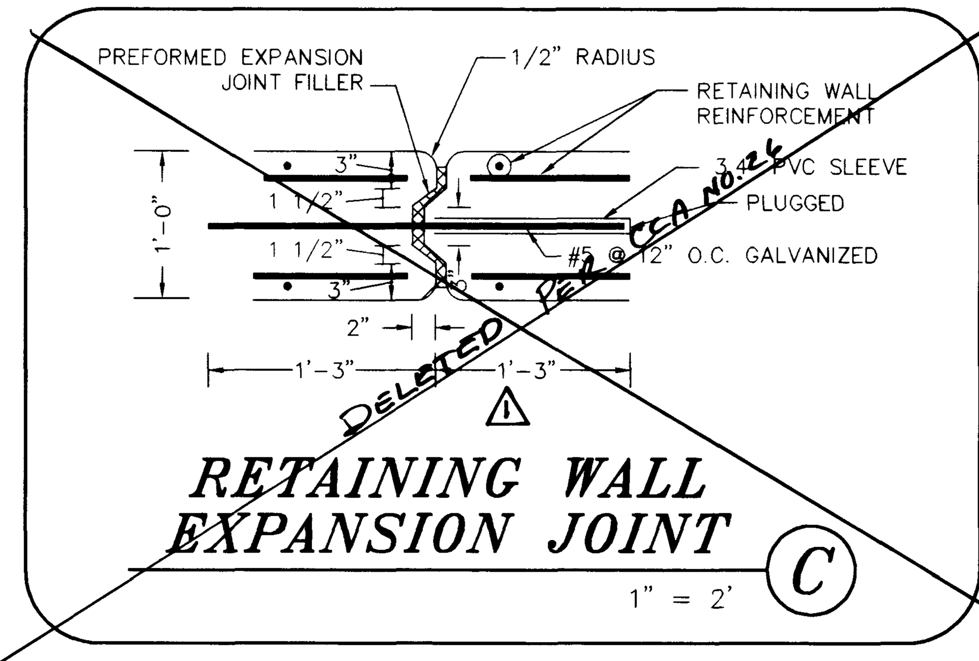
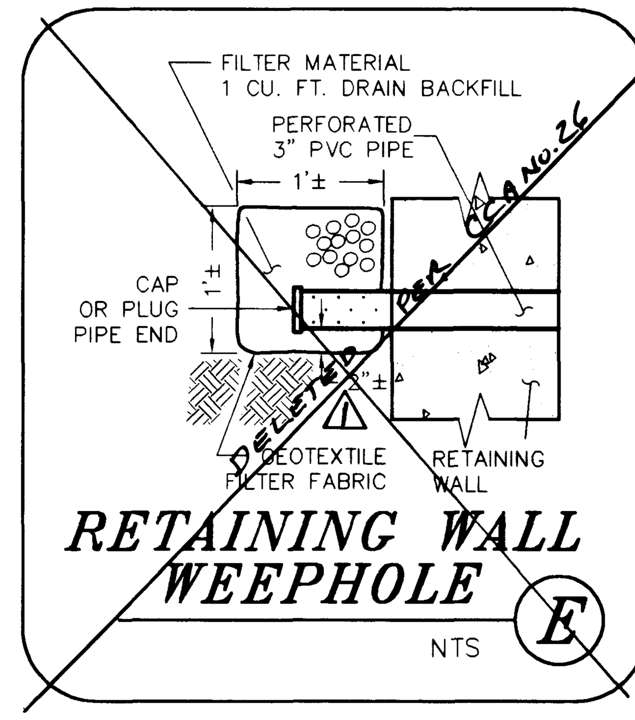


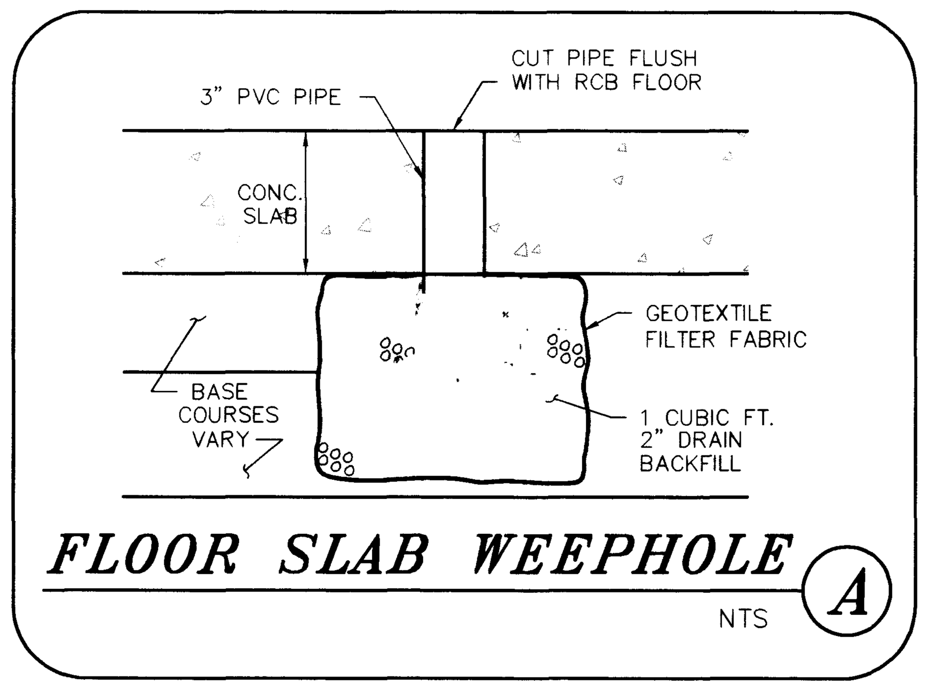
RETAINING WALL EXPANSION JOINT (C)

1" = 2'



RETAINING WALL WEEPHOLE (E)

NTS



FLOOR SLAB WEEPHOLE (A)

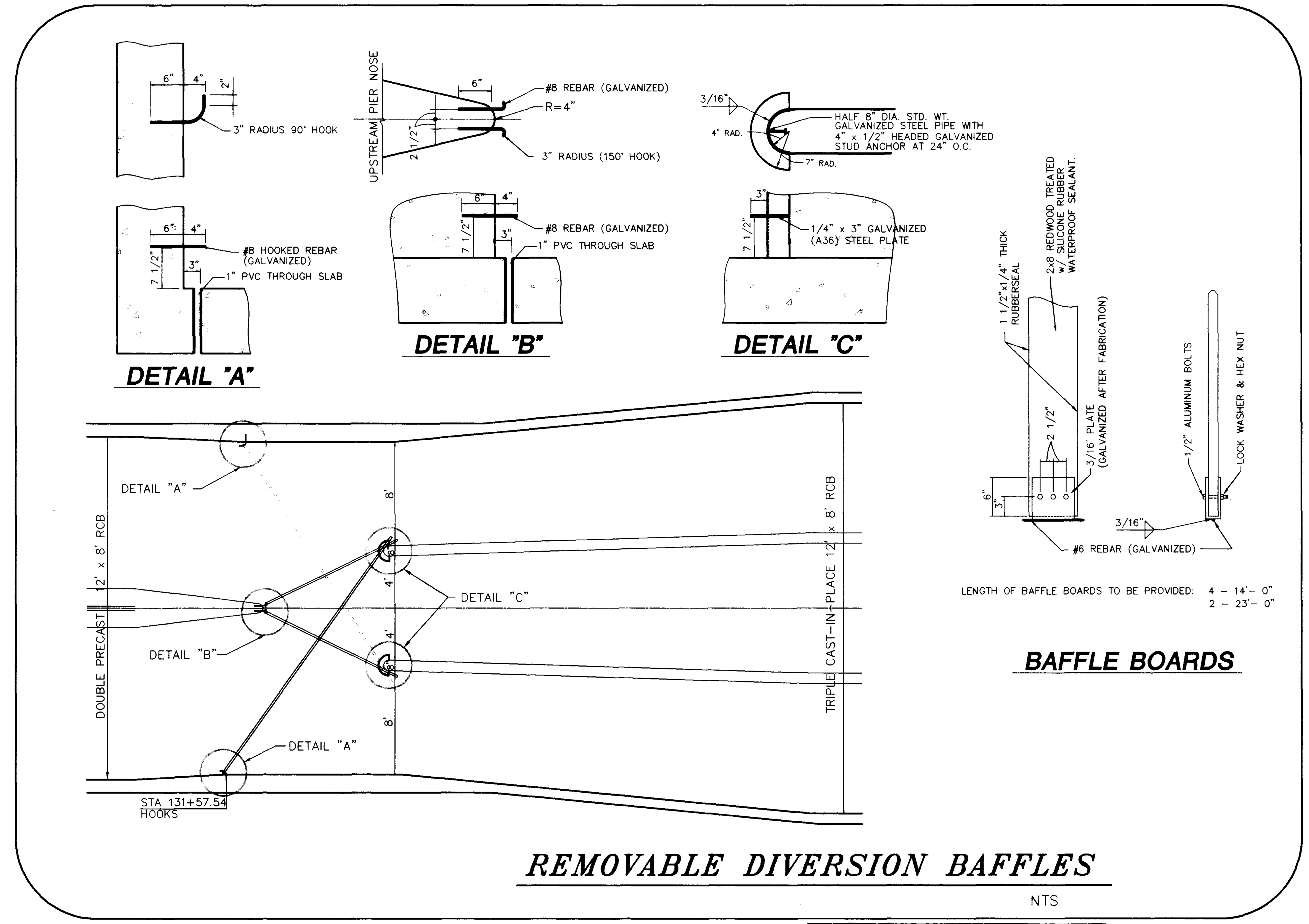
NTS

Avoid cutting underground utility lines. It's costly.

Call before you Dig.

1-800-227-2600

UNDERGROUND SERVICE ALERT (USA)



REMOVABLE DIVERSION BAFFLES

NTS

RECORD DRAWING

These Record Drawings have been prepared based on information provided by others. The Engineer has not verified the accuracy of such information and shall not be responsible for any errors or omissions which may be incorporated herein as a result.

PRECAST RCB CONSTRUCTION NOTES

DESIGN SPECIFICATIONS: AASHTO "Standard Specifications for Highway Bridges 1983" and "Interim Specifications Bridges 1992" and ASTM C850 table 2.

CONDITION: Less than two(2) feet of cover – USE ASTM C850, Table 2. ASTM C850 indicates dimensions, reinforcing, and placement and other details needed to manufacture this box culvert.

CONSTRUCTION SPECIFICATIONS: "Uniform Standard Specifications for Public Works Construction Off-Site Improvements, Clark County Area, Nevada", except as noted in the Special Provisions for this Contract.

LIVE LOADS: Standard HS 20-44 Loading.

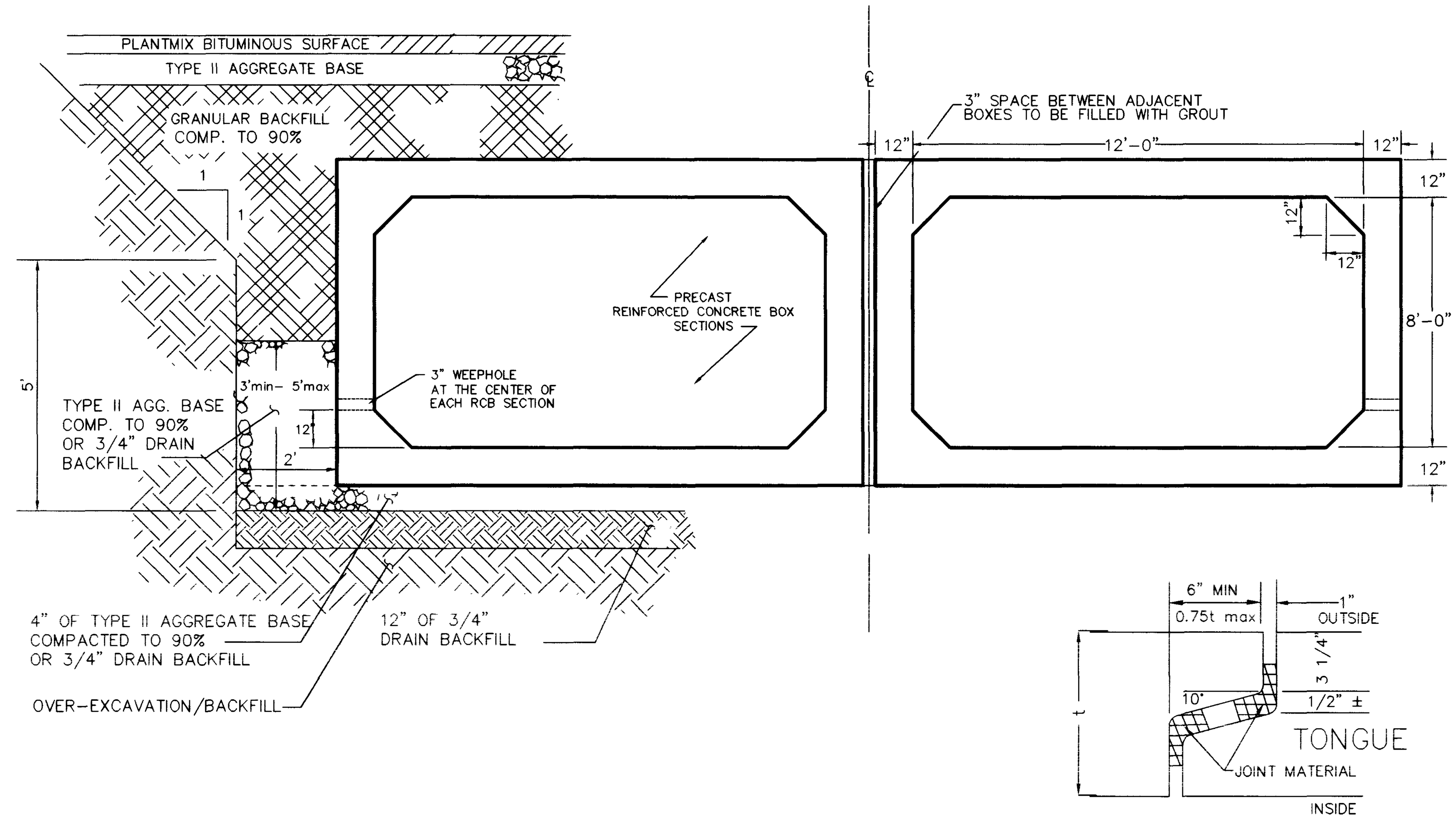
CONCRETE: All concrete shall be Class AA or Class DA modified, with a 28-day compressive strength of 5000 p.s.i. For an approved "dry cast" manufacturing process, the air entraining and slump requirements may be disregarded.

REINFORCING STEEL: All reinforcing steel to be ASTM A 615 Grade 60. Welded wire fabric shall conform to ASTM A185, (smooth wire) or ASTM A497 (deformed wire). Precast RCB units planned for connection to cast in place structures shall be fabricated with reinforcement bars embedded 12" and extending from the face of concrete as follows:
Deck and interior walls: #5 @ 12" o.c. extending 24"
Floor and exterior walls: #5 @ 18" o.c. extending 12"

WEEP HOLES: 6" square aluminum or galvanized steel wire 1/4" mesh hardware cloth (minimum wire diameter– 0.025") shall be firmly anchored to backface at each weephole.

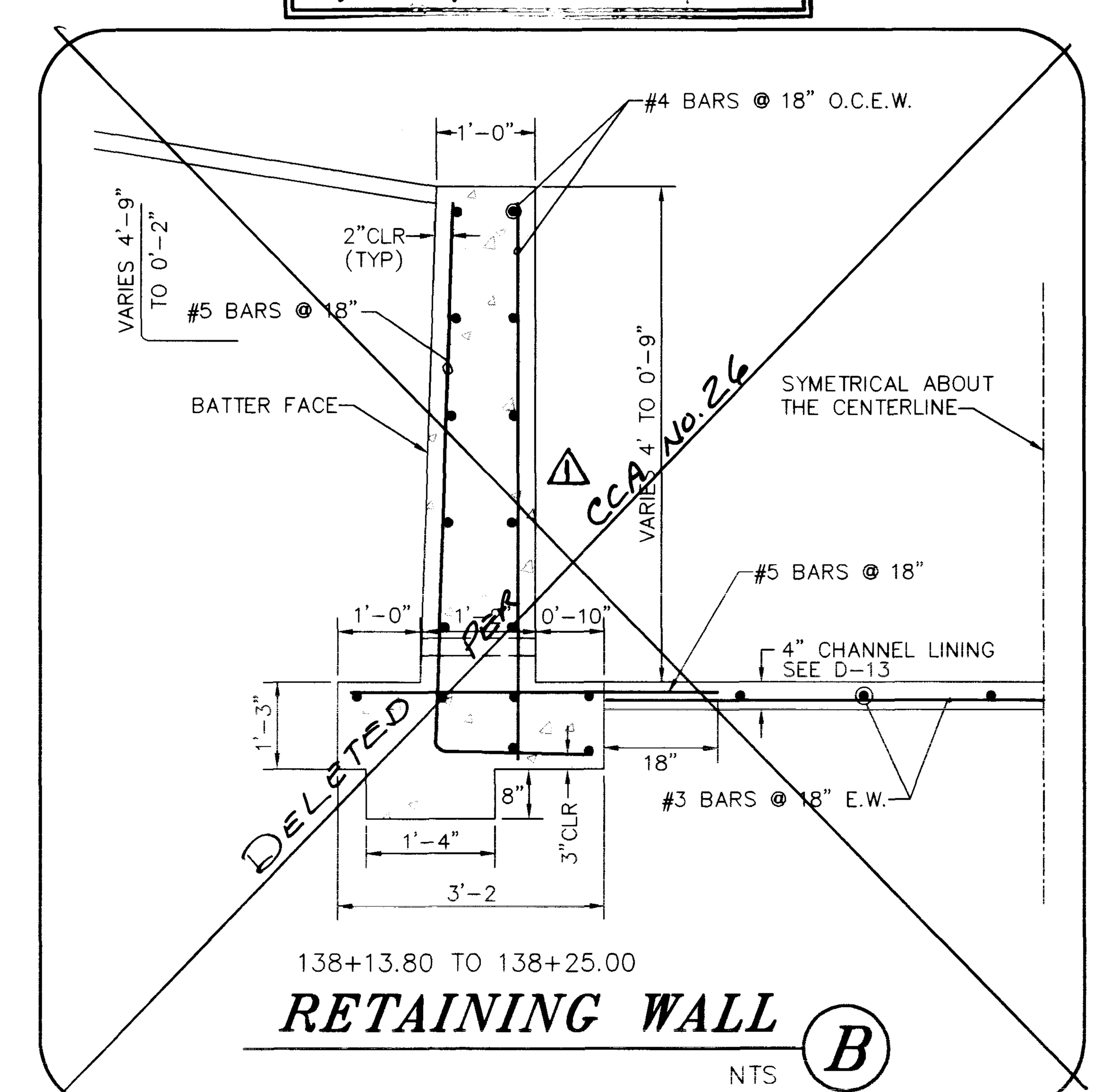
JOINTS: As shown.

JOINT MATERIAL: Joint material shall be a preformed joint material meeting AASHTO specifications M198 type B. The material shall be installed in accordance with the manufacturer's recommendations. A double application of joint material shall be used. One application shall be applied to the tongue and the other to the groove. The min. size of joint material shall be 1-1/4 inches.



PRECAST DOUBLE 12'X8' RCB (D)

NTS



RETAINING WALL (B)

NTS

REVISIONS				
No.	Date		CHKD	APPD
1	6/14/96	Deleted Inlet Str. CCA No. 26		GAS

GLEN B. BLEAKLEY, CIVIL No. 5502, PROFESSIONAL ENGINEER, STATE OF NEVADA, 11/2/96

DESIGNED: RB/BB/LG
DRAWN: JM/JH
CHECKED: RB
JOB NO. 393-3-91
SCALE:
HORIZ. AS
VERT. NOTED

VTN
CONSULTING ENGINEERS
1055 EAST TROPICANA
SUITE 800
LAS VEGAS, NEVADA 89119
(702)798-1007

PROJECT: CITY OF LAS VEGAS
WASHINGTON AVENUE CONVEYANCE SYSTEM

DESCRIPTION: INLET STRUCTURE AND RCB DETAILS

SHEET D-15

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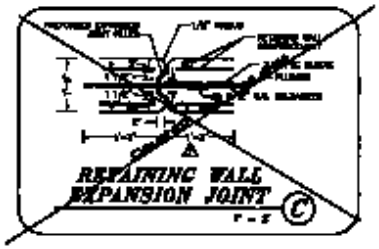
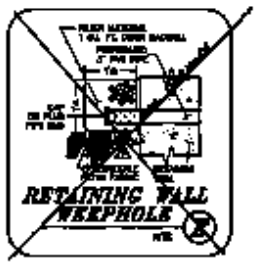
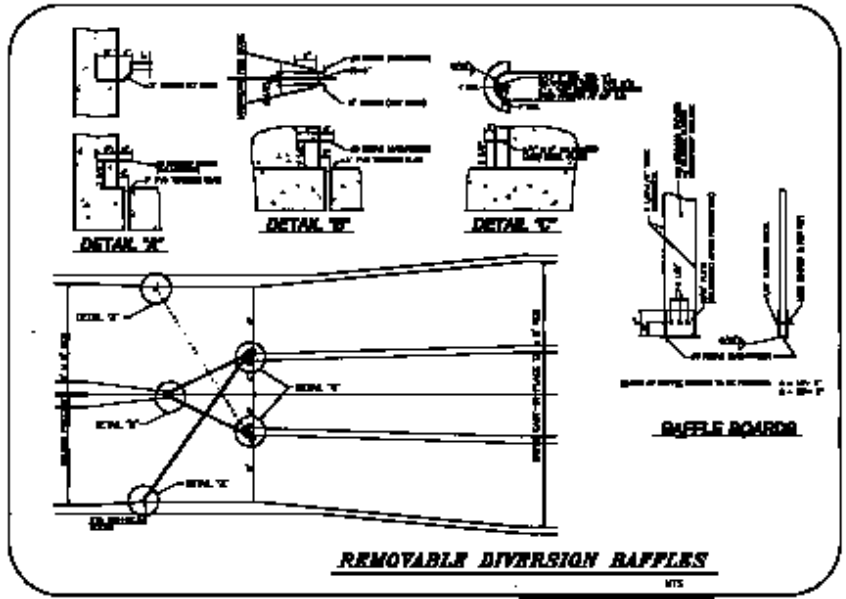
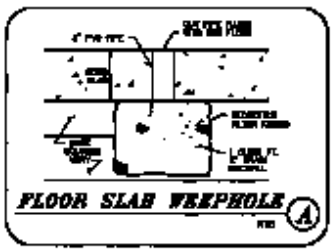
M:\393-91\EASTRN-3\FINAL\393ED15 Tue Nov 1 13:12:16 1994









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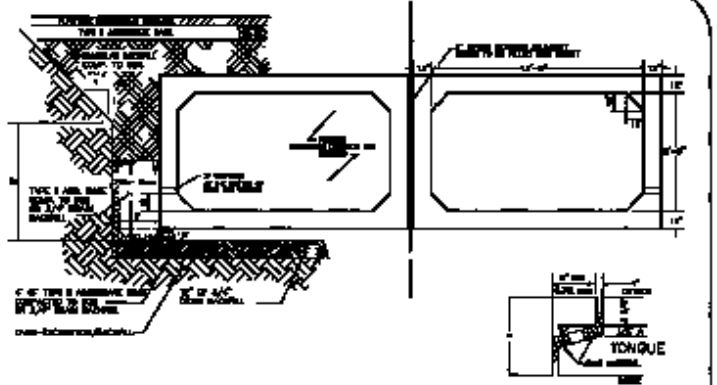
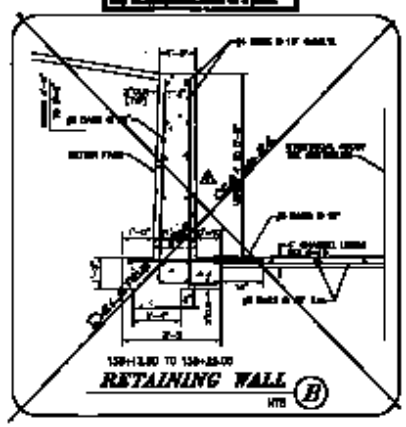
PRECAST RCB CONSTRUCTION NOTES:





CITY OF LAS VEGAS
WASHINGTON AVENUE CONVEYANCE SYSTEM
INLET STRUCTURE AND RCB DETAILS

D-16