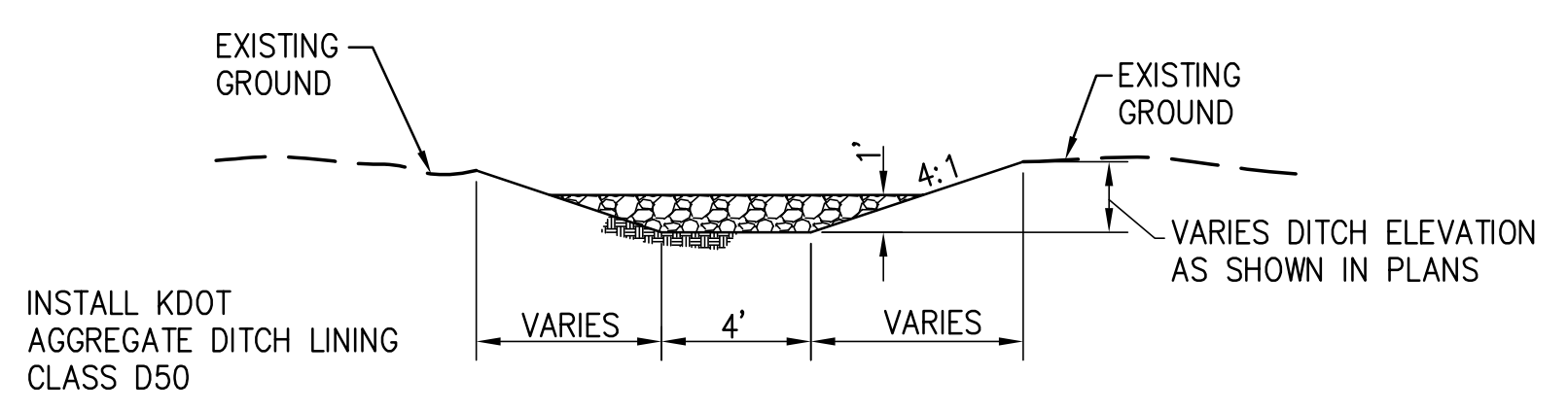
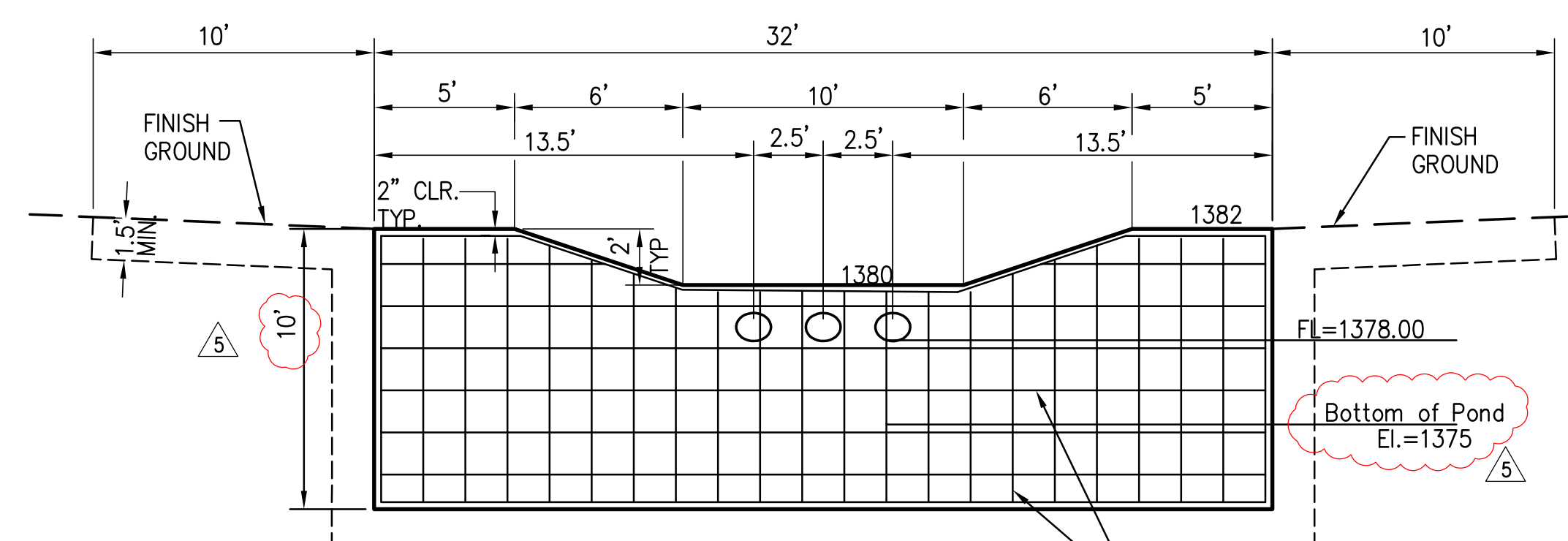


PLAN
SCALE: 1"=10'
"SEE POND GRADING PLANS FOR ADDITIONAL GRADING DETAILS"



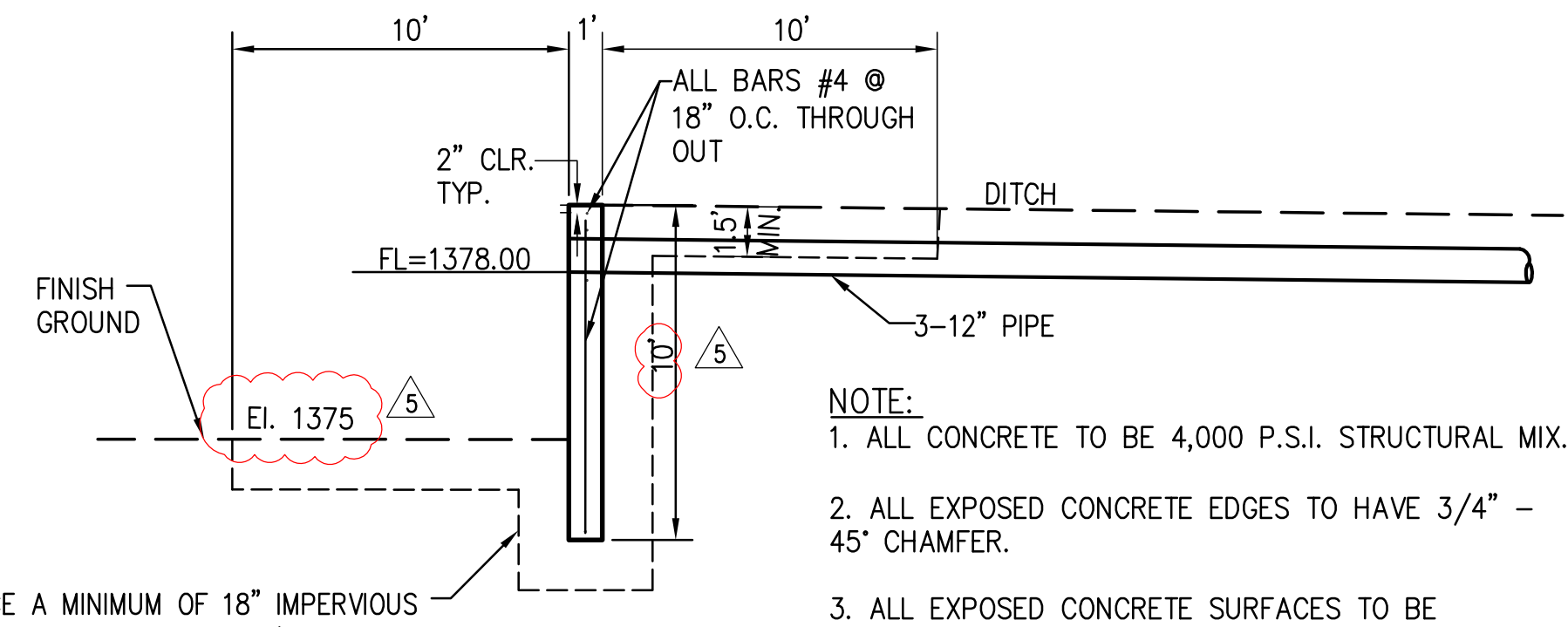
DITCH SECTION
SCALE: 1"=5'



SECTION A-A
SCALE: 1"=5'

18" MIN. IMPERVIOUS FILL COMPACTED TO 95% STANDARD PROCTOR MIN. PLAST. INDEX 25. MIN. MOISTURE CONTENT OF OPTIMUM +3%.

NOTE:
"SEE SECTION "B" - "B" FOR REINFORCING DETAILS

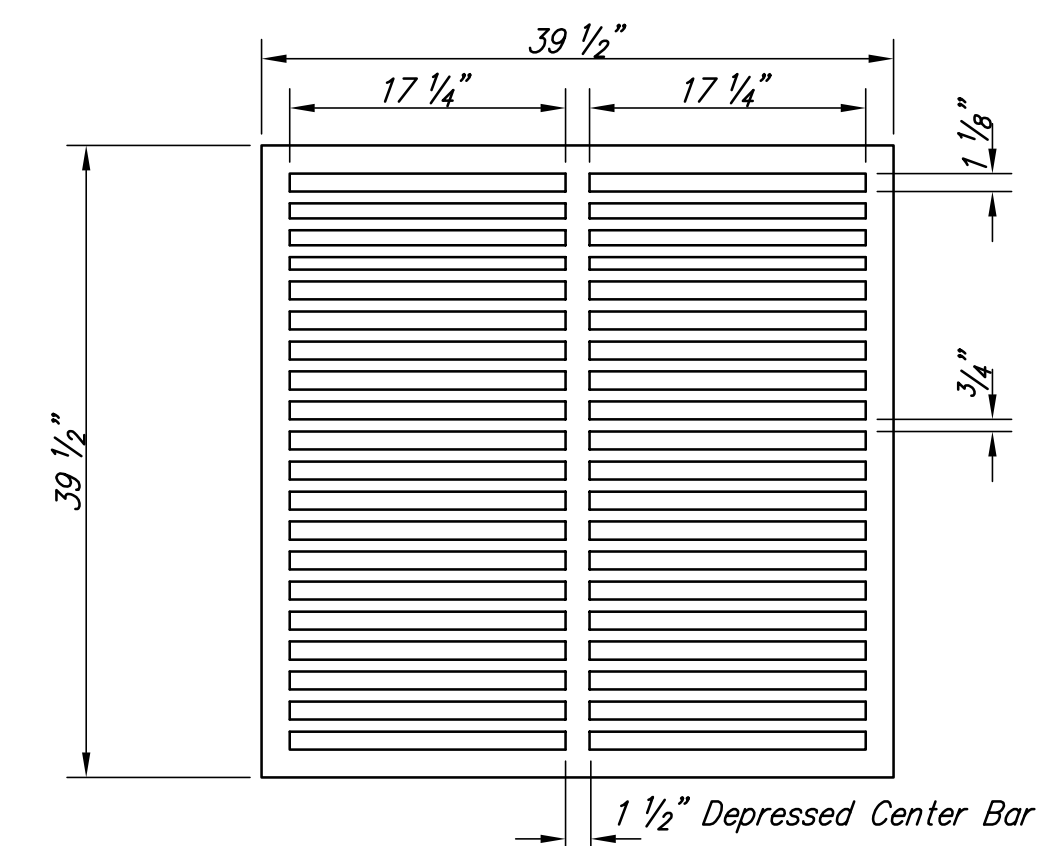


SECTION B-B
SCALE: 1"=5'

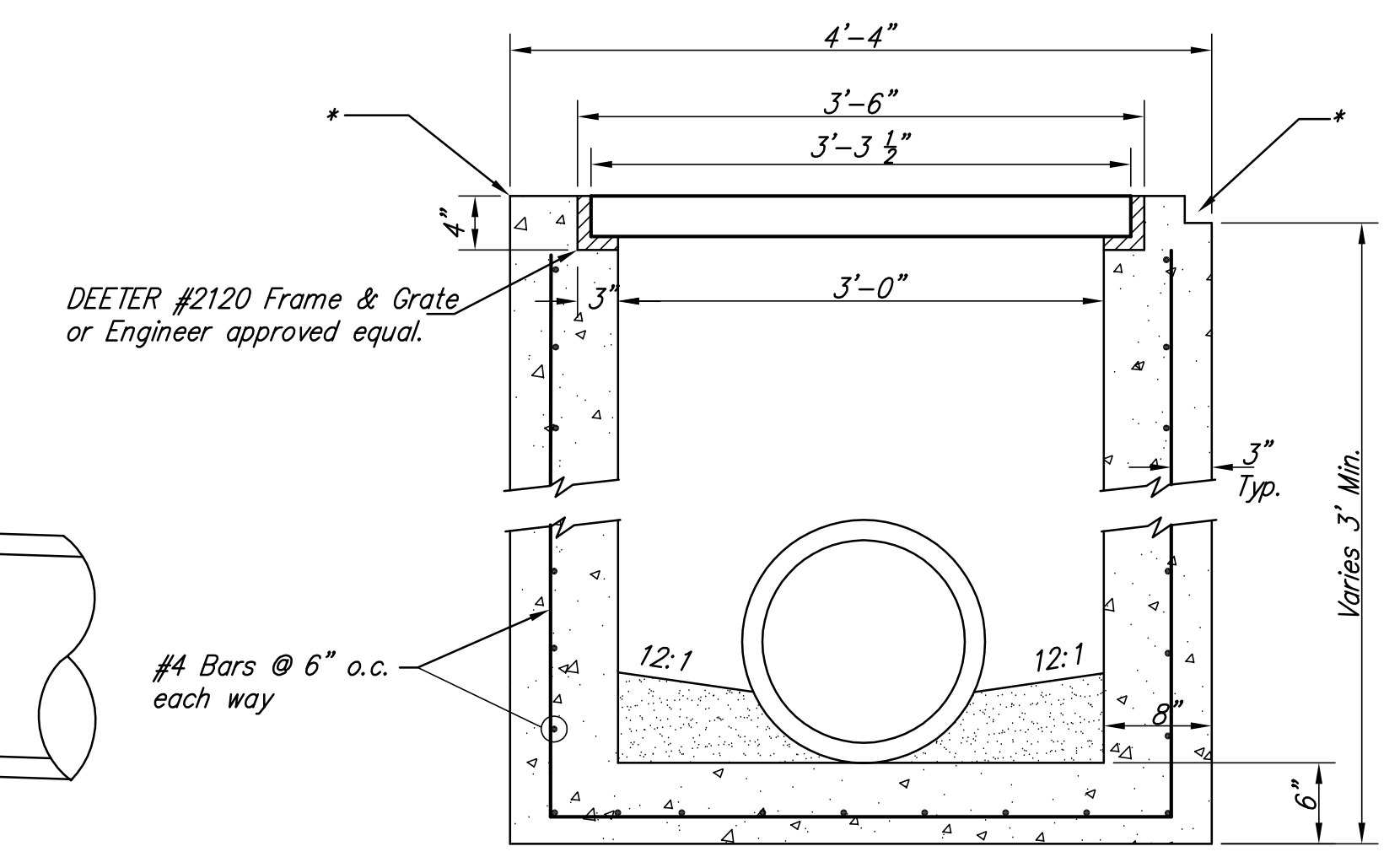
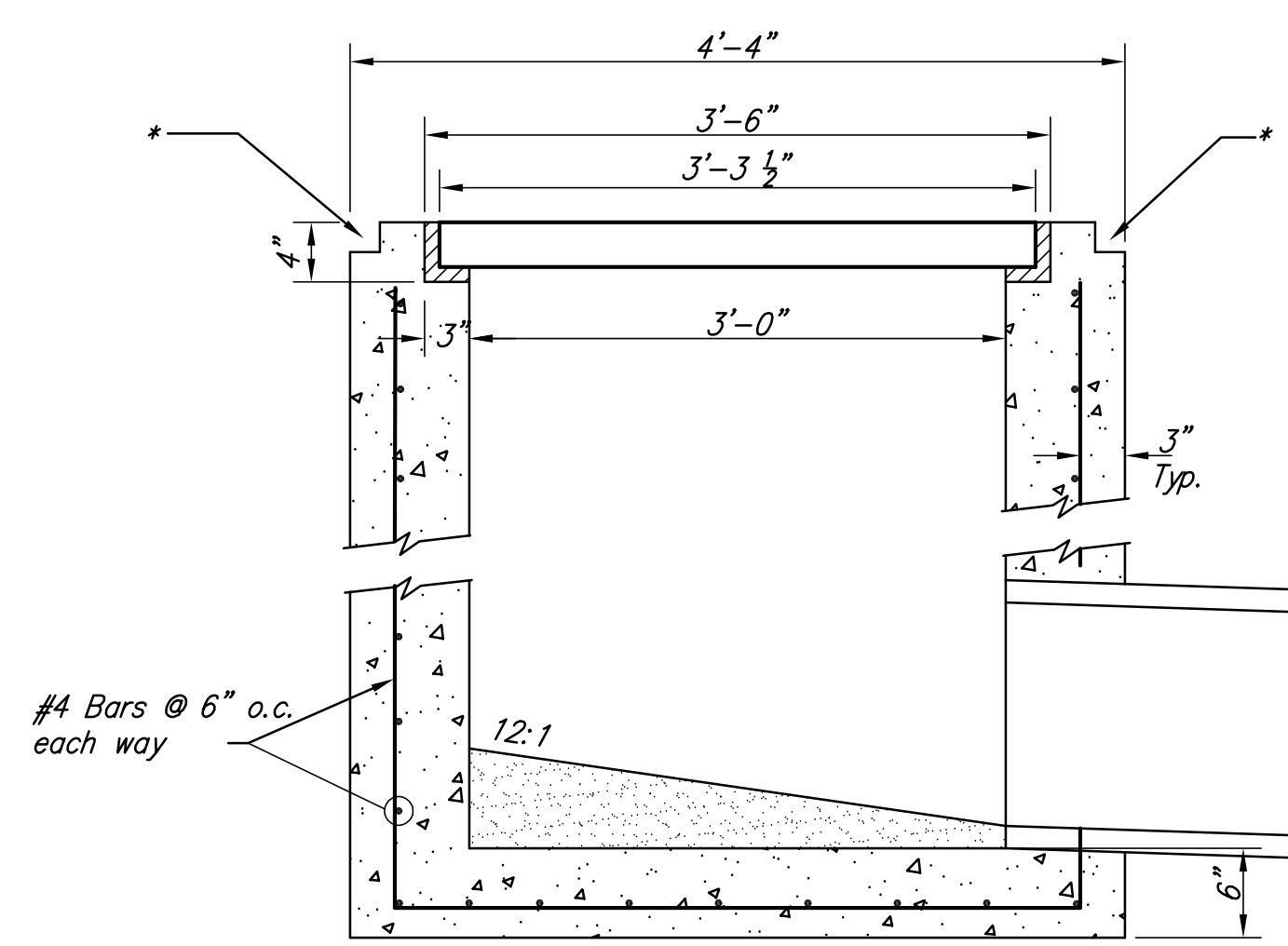
PLACE A MINIMUM OF 18" IMPERVIOUS SOIL COMPACTED TO 95% (STANDARD PROCTOR) WITH A MINIMUM MOISTURE CONTENT OF OPTIMUM +3% AND A MINIMUM PLASTICITY INDEX OF 25. SEE POND PLANS FOR BOTTOM OF POND SOIL PLACEMENT REQUIREMENTS.

- NOTE:
1. ALL CONCRETE TO BE 4,000 P.S.I. STRUCTURAL MIX.
 2. ALL EXPOSED CONCRETE EDGES TO HAVE 3/4" - 45° CHAMFER.
 3. ALL EXPOSED CONCRETE SURFACES TO BE BROOMED.
 4. ALL STEEL BARS TO BE #4 BARS @ 18" CTRS UNLESS NOTED OTHERWISE.
 5. ALL REINFORCING SPLICES SHALL BE WITH #4 BARS AND MINIMUM OVERLAP OF REINFORCING STEEL SHALL BE 24 INCHES.

Structure	North Face		South Face		West Face		East Face	
	Invert El	2"x2" Edge Block-out	Invert El	2"x2" Edge Block-out	Invert El	2"x2" Edge Block-out	Invert El	2"x2" Edge Block-out
Manhole	1-1	1378.10			1377.90		1378.73	
	1-2		Yes	1378.73	Yes	1378.89		1378.73
	1-3	1379.68			Yes	1379.34		1379.24
	1-4		Yes		Yes	1379.69		1379.49
	1-5		Yes		Yes	1380.24		1380.04
	1-6				Yes			1381.08
	1a-1		Yes		Yes	1379.80		1380.00
1a-2		Yes		Yes	1380.59			
1b-1			1380.24			Yes		Yes
Manhole	2-1	1371.79			1372.00		1372.56	
	2-2	1372.60			1372.80		Yes	Yes
	2-3	1373.23			1373.53		Yes	Yes
	2-4	1374.76			1375.43		1374.96	Yes
	2-5	1375.63			1375.83		Yes	Yes
	2-6	1377.08			1377.12		1377.28	Yes
	2-7	1378.96				Yes		Yes
2a-1		Yes		Yes	1374.72		1374.52	
2a-2		Yes		Yes			1375.85	
2b-1		Yes		Yes	1376.89		1376.69	
2b-2		Yes	1378.67				1378.47	
2b-3	1380.13					Yes		Yes
2c-1			1378.60				1378.40	
2c-2	1379.80							
3-1	1377.71						Yes	Yes



DEETER #2120 GRATE



* Block out 2"x2"x52" for edges adjacent to Asphalt Pavement. DO NOT Block out for edges adjacent to 4' Concrete Center Pavement. Note that only 1 edge is blocked out at T-intersection inlets. Take special care to coordinate block out edges with pipe opening locations. See Table this sheet.

- NOTE:
1. All concrete to be 4,000 p.s.i. structural mix.
 2. Structural steel shall be ASTM A992, Fy=50 ksi

4x4 Inlet Detail
SCALE: 1"=1'



POE & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 5940 E. Central, Suite 200 ■ Wichita, KS 67208-4242
 Phone 316/685-4114 ■ FAX 316/685-4444

WIER DETAILS
 Inwood Apartments
 Webber Group

Engineer: JRF
 Designer: K/W
 P.O. Job No.: 1909
 Date: 8-31-07

No. Date Approved Revision
 Rev. Pond Depth & Configuration, Added Berms

Sheet 15
 C-39 of 20

P:\1909A Revit\1909A Revit\1909A Revit\1909A Revit.dwg P:\1909A Revit\1909A Revit\1909A Revit.dwg P:\1909A Revit\1909A Revit\1909A Revit.dwg