

NOTES

1. SECTION OF A.C.M.P. (NEXT SIZE LARGER THAN DRAINAGE PIPE) CUT IN HALF
2. 1/2" STAINLESS STEEL ANCHOR BOLTS & NUTS
3. WELD OR 2-1/4" THRU BOLTS
4. BOTTOM OF BAFFLE TO BE MOUNTED 6" BELOW INVERT OF PIPE
5. ALUMINUM PLATE TO BE WELDED TO TOP OF PRB

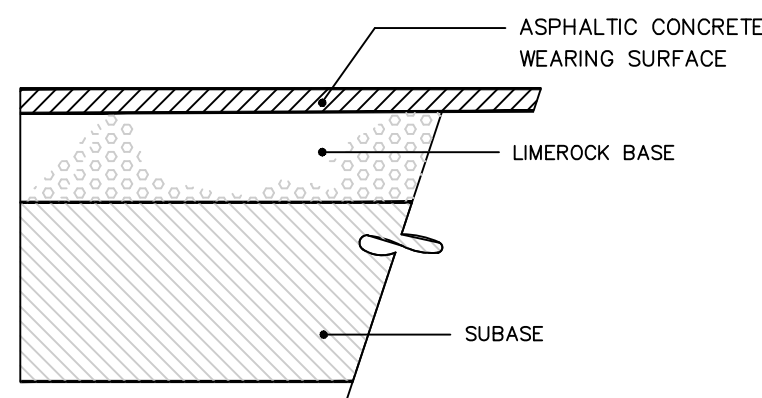
POLLUTION RETARDANT BAFFLE

N.T.S.

SUMMARY OF DRAINAGE STRUCTURES

STRUCTURES	TYPE	"A"	"B"	"C"	FRAME (U.S.F. # OR EQUAL)	GRATE (U.S.F. # OR EQUAL)
CB# _	"C"	24"x37"	8"	8"	4155	6209 CAST IRON
CB# _	"J"	4'-0" Ø	8"	8"	4155	6209 CAST IRON
CB# _	"J"	5'-0" Ø	8"	8"	4155	6209 CAST IRON
CB# _	"J"	6'-0" Ø	8"	8"	4155	6209 CAST IRON
CI# _	"C"	24"x37"	8"	8"	5130	6168 CAST IRON
CI# _	"J"	4'-0" Ø	8"	8"	5130	6168 CAST IRON
CI# _	"J"	5'-0" Ø	8"	8"	5130	6168 CAST IRON
CI# _	"J"	6'-0" Ø	8"	8"	5130	6168 CAST IRON
JB# _	"J"	4'-0" Ø	8"	8"	420	TYPE "C"
CB# _	"J"	4'-0" Ø	8"	8"	5113	6194 CAST IRON
CB# _	"C"	24"x37"	8"	8"		STEEL GRATE
CB# _	"D"	37"x49"	8"	8"		6626 STEEL GRATE
YD# _						

DIMENSIONS SHOWN ARE FOR USE AS A GENERAL GUIDELINE AND BY NO MEANS CONSTITUTE AN ENGINEERED DESIGN. PRE-CAST MANUFACTURERS TO DESIGN AND FABRICATE STRUCTURES MEETING THE INDUSTRY STANDARD DESIGN LOADS, THE STRUCTURAL CAPACITY IS THE SOLE RESPONSIBILITY OF THE MANUFACTURER



VEHICULAR USE SURFACE : 2" ASPHALTIC CONCRETE WEARING SURFACE, F.D.O.T. TYPE SP-9.5 APPLIED IN 2 - 1" LIFTS. TACK COAT TO BE USED BETWEEN PAVING LIFTS. SURFACE COURSE SHALL CONFORM TO THE REQUIREMENTS OF F.D.O.T. STANDARD SPECIFICATIONS SECTIONS 330 & 331.

PRIME & TACK COAT : PRIME & TACK COAT FOR THE LIMEROCK BASE COURSE SHALL CONFORM TO THE REQUIREMENTS OF F.D.O.T. STANDARD SPECIFICATIONS SECTION 300. APPLICATION RATES - PRIME COAT-0.25 GALLONS PER SQ. YD. TACK COAT-0.08 GALLONS PER SQ. YD.

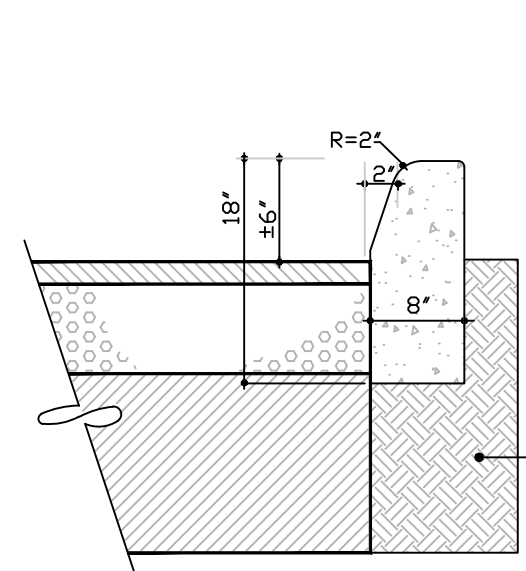
BASE : 8" LIMEROCK BASE COMPACTED TO 98% OF MAXIMUM DENSITY (AASHTO T-180). LIMEROCK BASE TO CONFORM WITH THE REQ. OF F.D.O.T. SPECIFICATION SECTIONS 200 & 911. MINIMUM L.B.R.=100

SUBBASE : 12" SUBBASE COMPACTED TO 98% OF MAXIMUM DENSITY (AASHTO T-180). MINIMUM L.B.R. = 40

NOTE: GROUND ADJACENT TO PAVEMENT HAVING RUNOFF SHALL BE GRADED TWO INCHES LOWER THAN THE EDGE OF PAVEMENT TO ALLOW FOR THE PLACEMENT OF SOD.

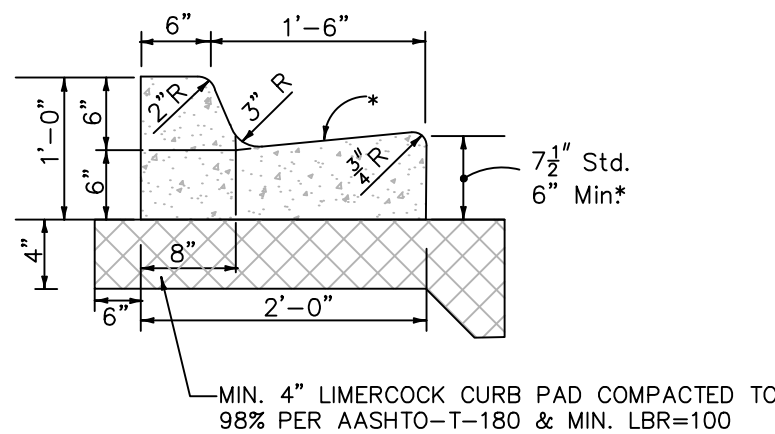
ON-SITE PAVEMENT DETAIL

N.T.S.



TYPE "D" CURB DETAIL

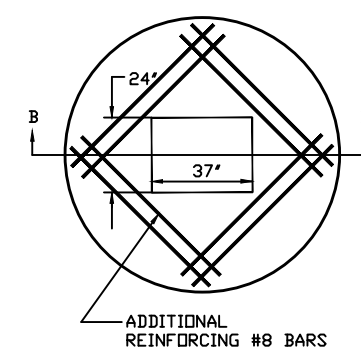
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TYPE "F" CURB AND GUTTER DETAIL

N.T.S.

* WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT. THE THICKNESS OF THE LIP SHALL BE 6" UNLESS OTHERWISE SHOWN ON PLANS

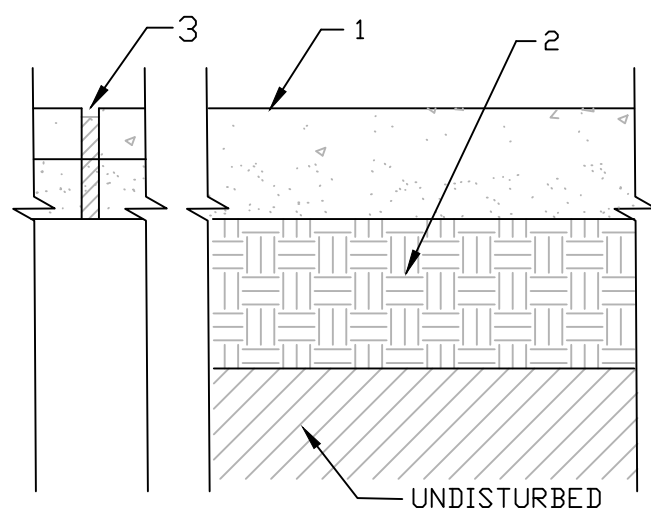


CATCH BASIN TOP SLAB

N.T.S.

CATCH BASIN TOP SLAB

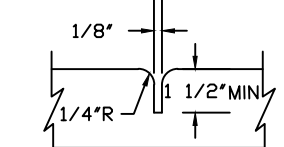
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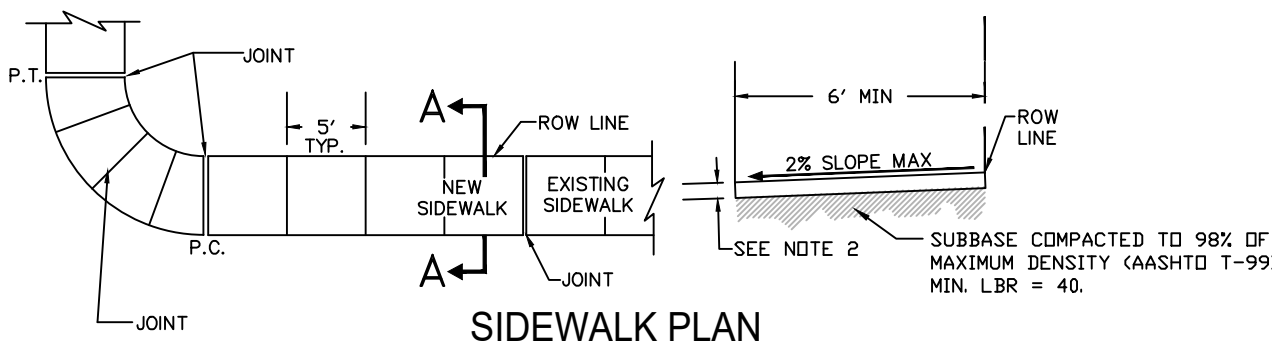
1. 8" - 4000 PSI CONCRETE
2. 12" STABILIZED SUBBASE TO MIN LBR OF 40 & COMPACTED TO 98% MAX. DRY DENSITY (AASHTO T-180)
3. SAWCUT 1/4" EXPANSION JOINT 1-1/4" DEEP @ 15' O.C. MAX.

CONCRETE PAVEMENT DETAIL

N.T.S.



JOINT DETAIL



SIDEWALK PLAN

CONCRETE PAVEMENT & SIDEWALK JOINTS

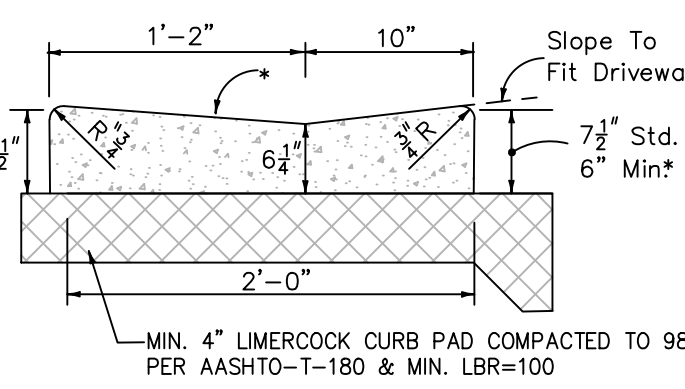
TABLE OF SIDEWALK JOINTS
LOCATION
P.C. AND P.T. CURVES
JUNCTION OF EXISTING AND NEW SIDEWALKS
5'-0" CENTER TO CENTER ON 5'-0" SIDEWALKS
15' CENTER TO CENTER MAX. FOR CONCRETE PAVEMENT UNLESS OTHERWISE INDICATED.

NOTE: CONCRETE TO BE CLASS-1 3000 P.S.I.

1. FOR 5'-0" WIDTH SIDEWALKS, PROVIDE 1/8" CONTRACTION JOINTS AT 5' C.C. WITH A MINIMUM DEPTH 1 1/2". EDGED WITH A 1/4" RADIUS DEEP WITHIN THE FOLLOWING TIME PERIODS: JOINTS AT NOT MORE THAN 30' INTERVALS - WITHIN 12 HOURS AFTER FINISHING. REMAINING JOINTS WITHIN 96 HOURS AFTER FINISHING.
2. PROVIDE 6" THICK CONCRETE FOR ALL SIDEWALKS LOCATED IN RIGHT OF WAY OR SERVING THE PUBLIC AND 4" THICK CONCRETE FOR ALL SIDEWALKS LOCATED ON-SITE.
3. NO REINFORCEMENTS SHALL BE USED IN THE SIDEWALKS.
4. CONCRETE TO BE 3,000 PSI IN 28 DAYS.
5. CURE ALL CONCRETE WITH CLEAN SAND, PLASTIC MEMBRANE OR OTHER APPROVED METHOD.
6. CONCRETE PAVEMENT FOUNDATION SHALL BE COMPACTED TO A FIRM, EVEN SURFACE, TRUE TO GRADE AND CROSS SECTION, AND SHALL BE MOIST AT THE TIME CONCRETE IS PLACED
7. ALL CONSTRUCTION SHALL CONFORM TO LOCAL CONSTRUCTION CODES AND STANDARDS
8. JOINTS FOR SIDEWALKS OVER A 5'-0" WIDTH SHALL BE COORDINATED WITH ENGINEER PRIOR TO POUR.

CONCRETE PAVEMENT & SIDEWALK DETAIL

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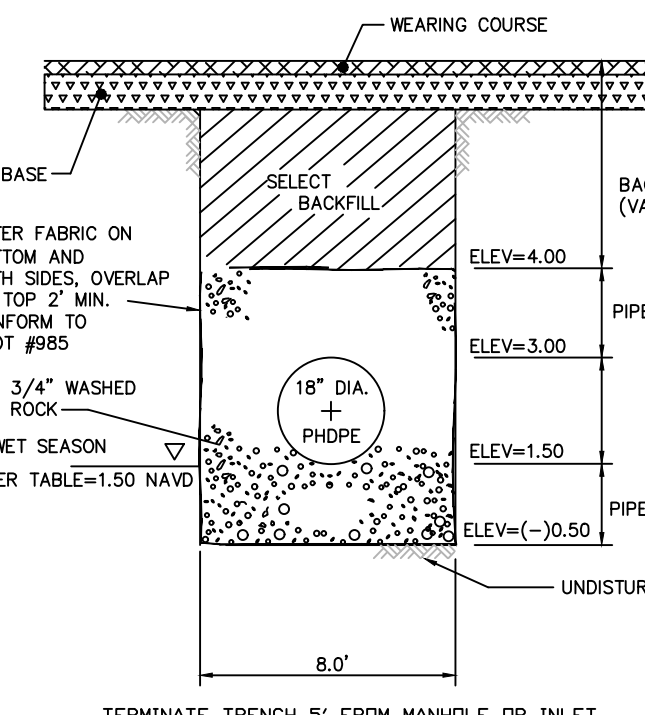
DROP CURB DETAIL

N.T.S.

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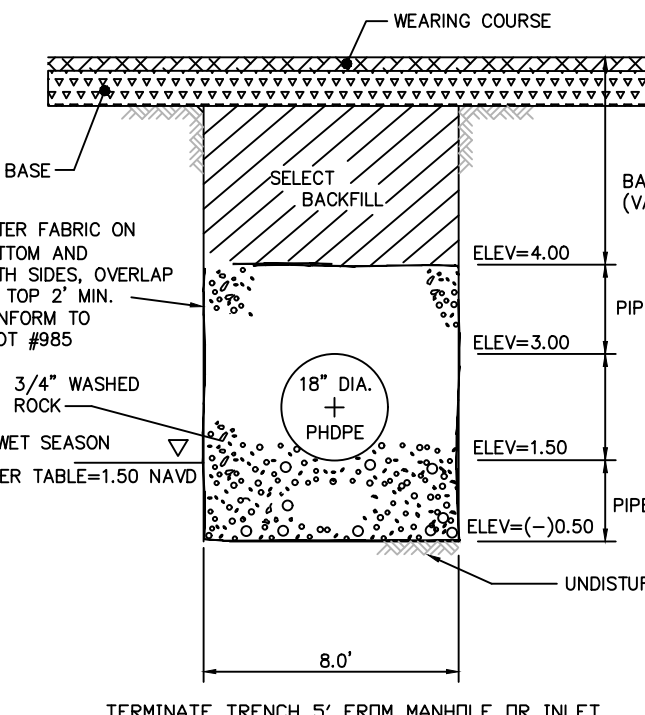
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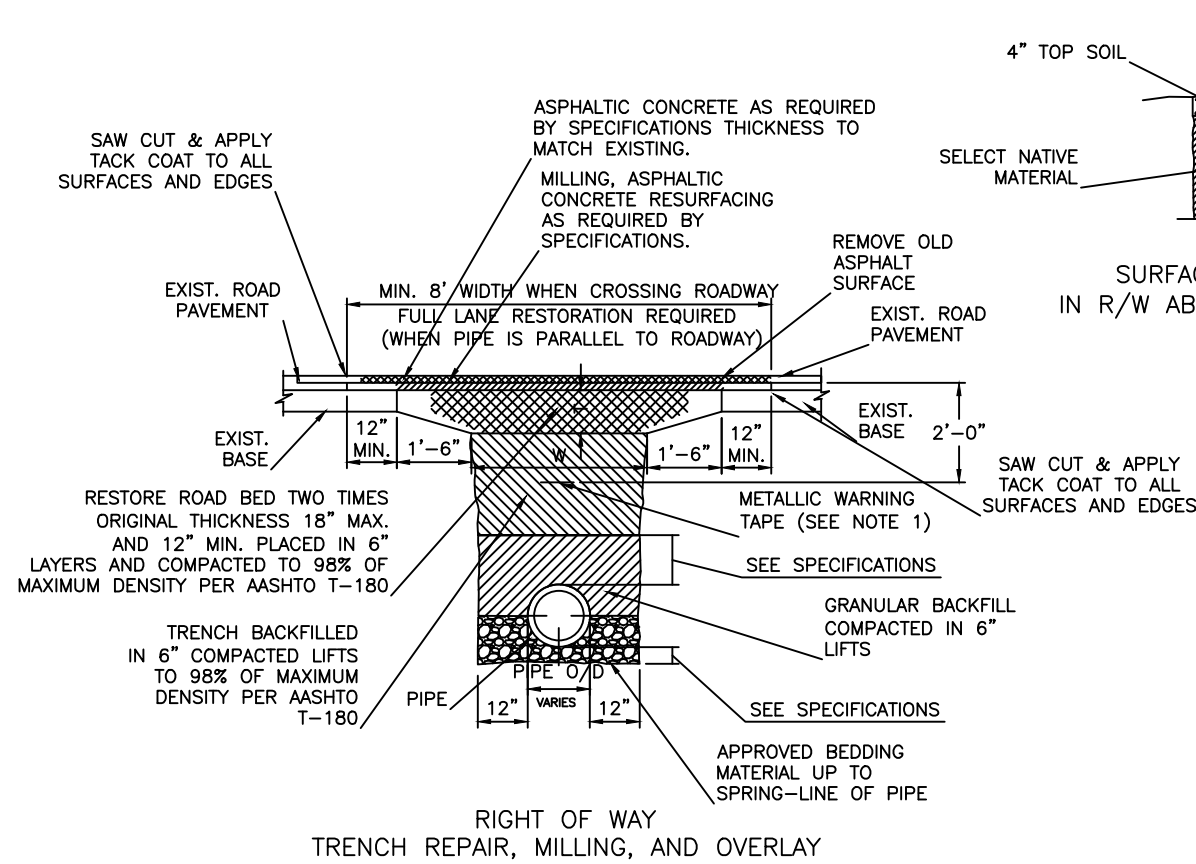
EXFILTRATION TRENCH DETAIL

N.T.S.



EXFILTRATION TRENCH DETAIL (OFF-SITE)

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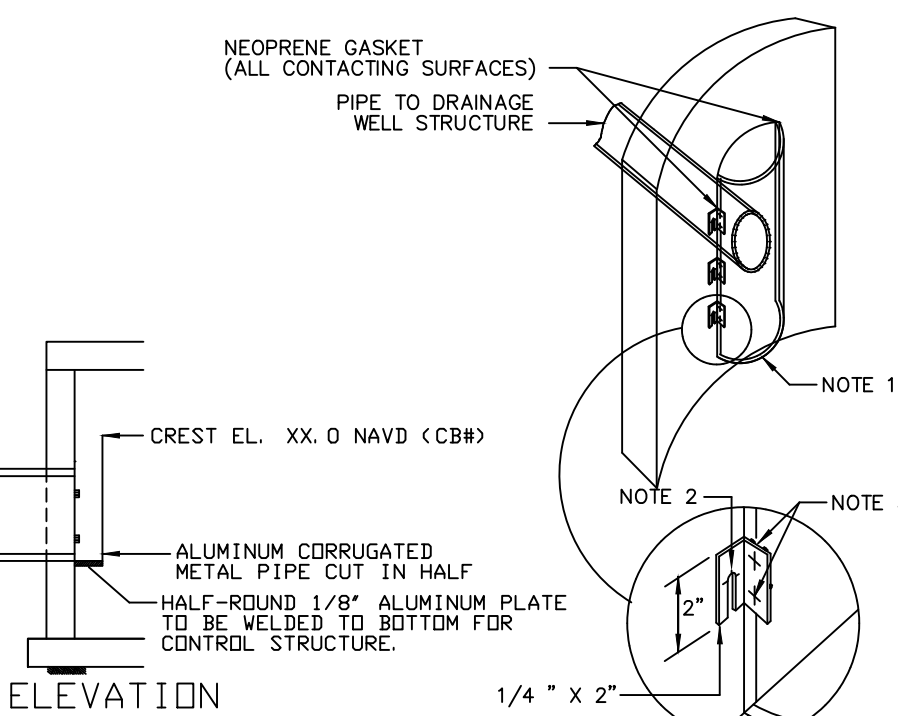


NOTES

1. METALLIC WARNING TAPES SHALL BE INSTALLED 24" BELOW FINISH GRADE, ABOVE MAIN. (SEE SPECIFICATION 3200 SECTION 3.6 FOR MARKING TYPE)
2. UNLESS OTHERWISE SPECIFIED, SELECTED MATERIAL SHALL BE FREE OF STONES LARGER THAN 3/8" DIA.
3. REPLACE ALL LANE MARKINGS AND REFLECTIVE MARKERS.

TYPICAL TRENCH AND PAVEMENT RESTORATION FOR TRAVERSE CROSSING

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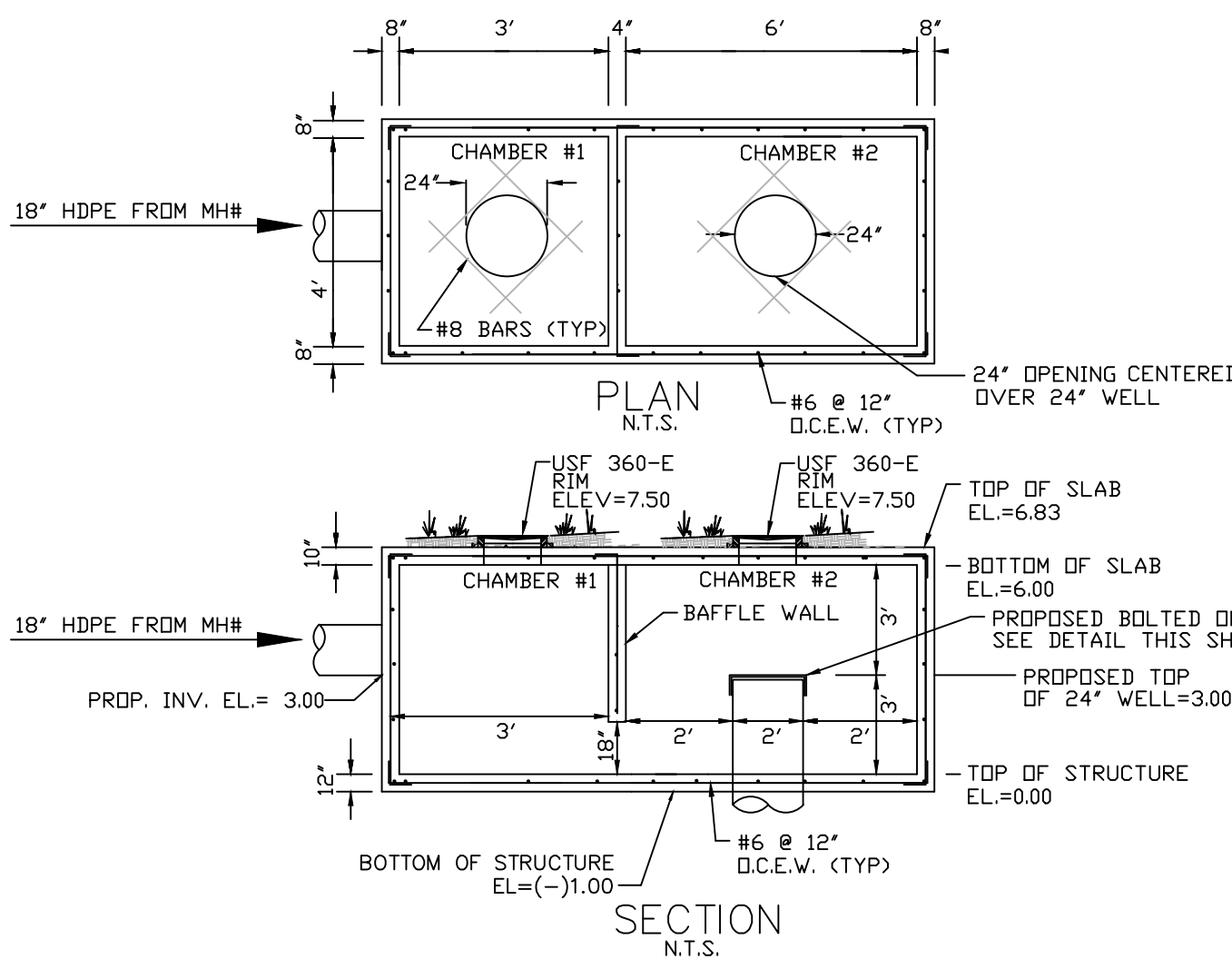


NOTES

1. SECTION OF A.C.M.P. CUT IN HALF.
2. 1/2" STAINLESS STEEL ANCHOR BOLTS & NUTS
3. WELD OR 2-1/4" THRU BOLTS.
4. BOTTOM OF BAFFLE TO BE MOUNTED AT INVERT OF PIPE.

INVERTED BAFFLE DETAIL

N.T.S.

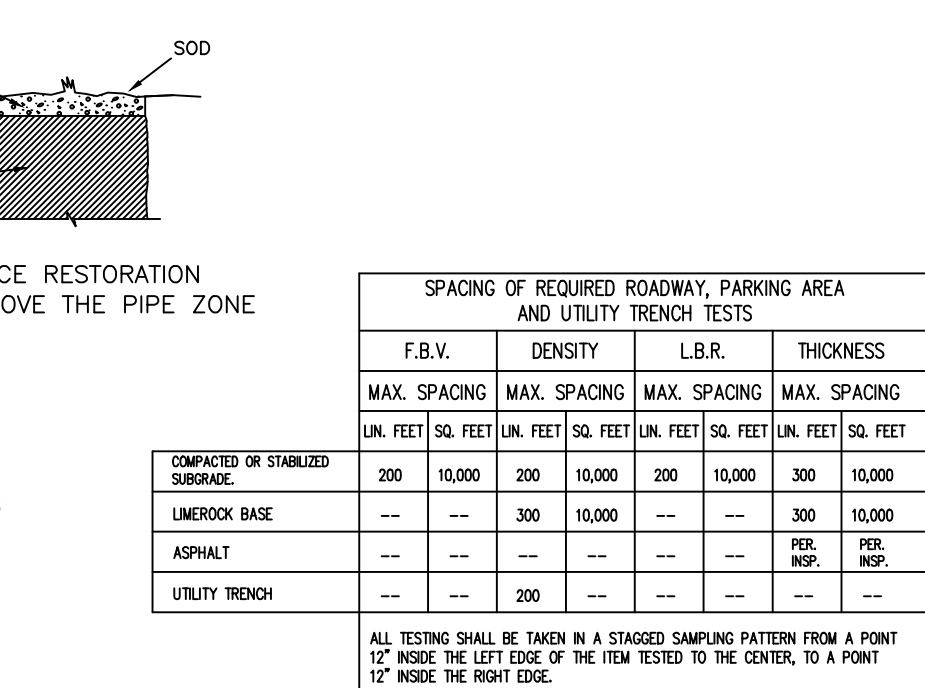


NOTES

1. TOP SLAB REINFORCEMENT TO BE #7 BARS @ 6" O.C.E.W. WITH ADDITIONAL #8 BARS AROUND OPENINGS.
2. PLACEMENT OF RING AND COVER ACCESSING EACH CHAMBER SHALL BE AS SHOWN ABOVE. EACH CHAMBER SHALL HAVE U.S.F. RING AND COVER #360-E "DRAINAGE WELL" AND SHALL BE WATER TIGHT ON THE WELL SIDE AND NON-WATER TIGHT ON THE NON-WELL SIDE.
3. TOP SLAB OPENINGS SHALL BE AS REQUIRED BASED UPON INSTALLATION OF RING AND COVER.

DRAINAGE WELL # DETAIL

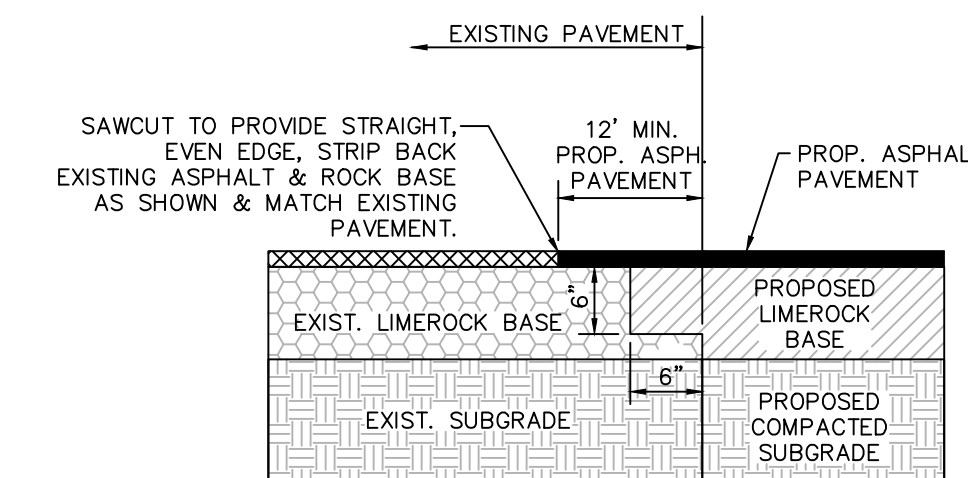
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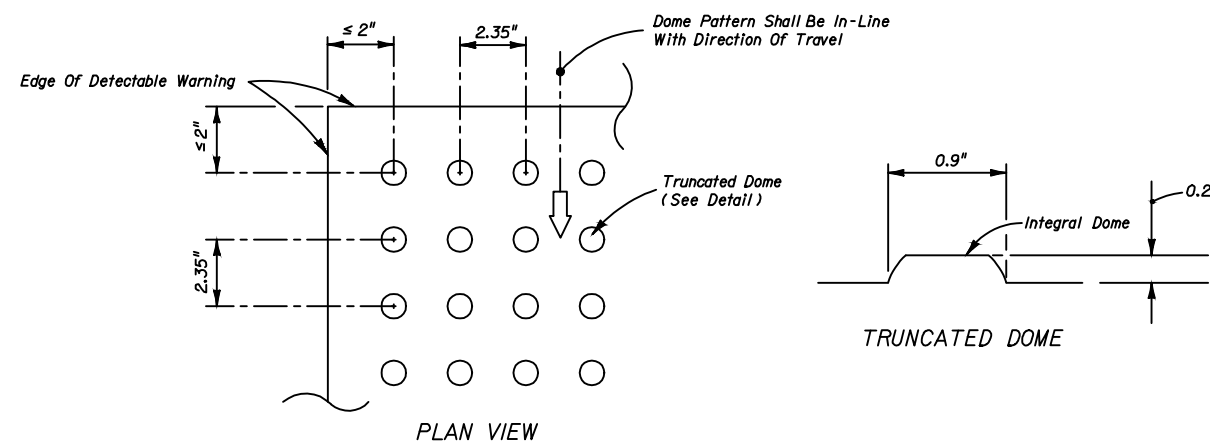
F.B.V.	DENSITY	L.B.R.	THICKNESS
MAX. SPACING	MAX. SPACING	MAX. SPACING	MAX. SPACING
UN. FEET	UN. FEET	UN. FEET	UN. FEET
200	10,000	200	10,000
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COMPACTION TEST SCHEDULE

N.T.S.



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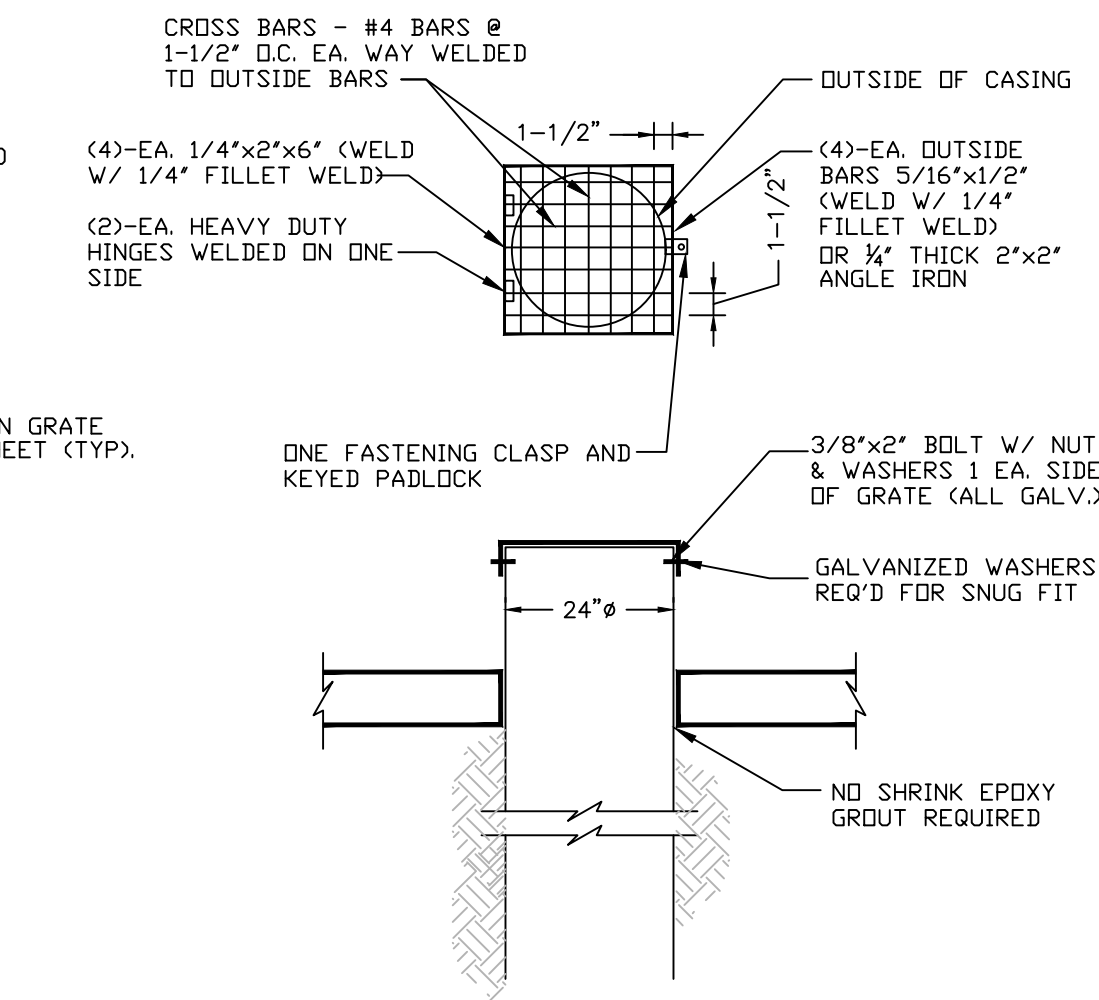


ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF THE RAMP AND IN THE DIRECTION OF TRAVEL 24 INCHES (6101 mm) FROM THE BACK OF THE CURB.

NOTE: FOR PUBLIC CURB RAMP DETAILS REFERENCE F.D.O.T. INDEX NO. 522-002, SHEETS 1 TO 7, REVISED: 11-01-21.

CURB RAMP DETECTABLE WARNING DETAIL

N.T.S.



N.T.S.

This document has been digitally signed and sealed by Blake M. Kidwell on 08/19/2025.

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