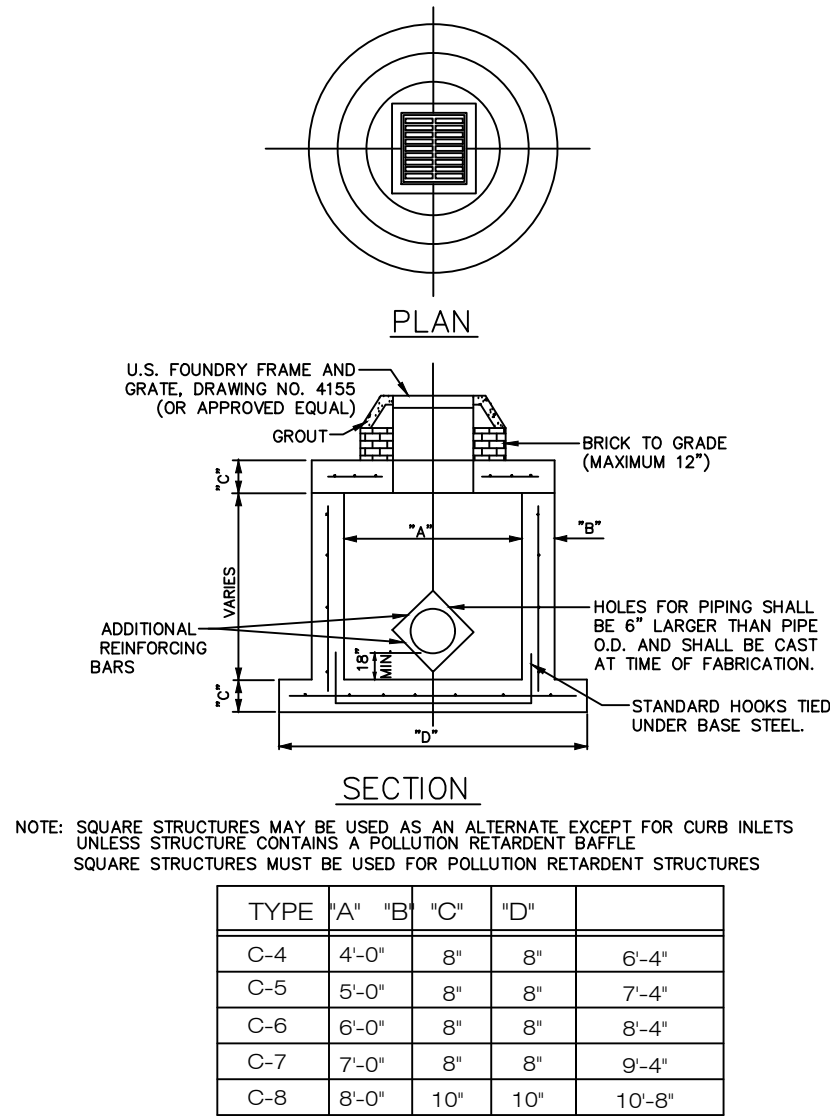
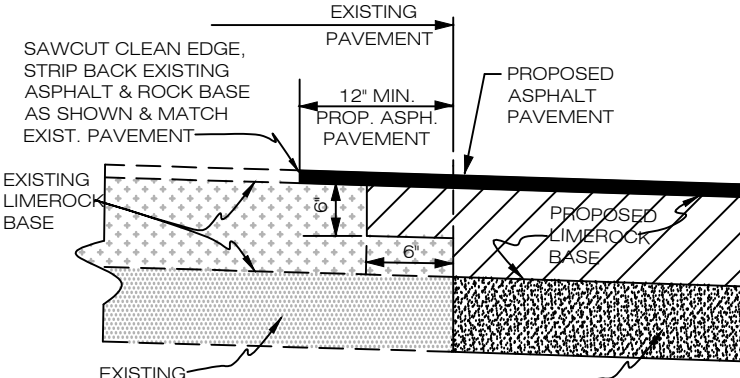
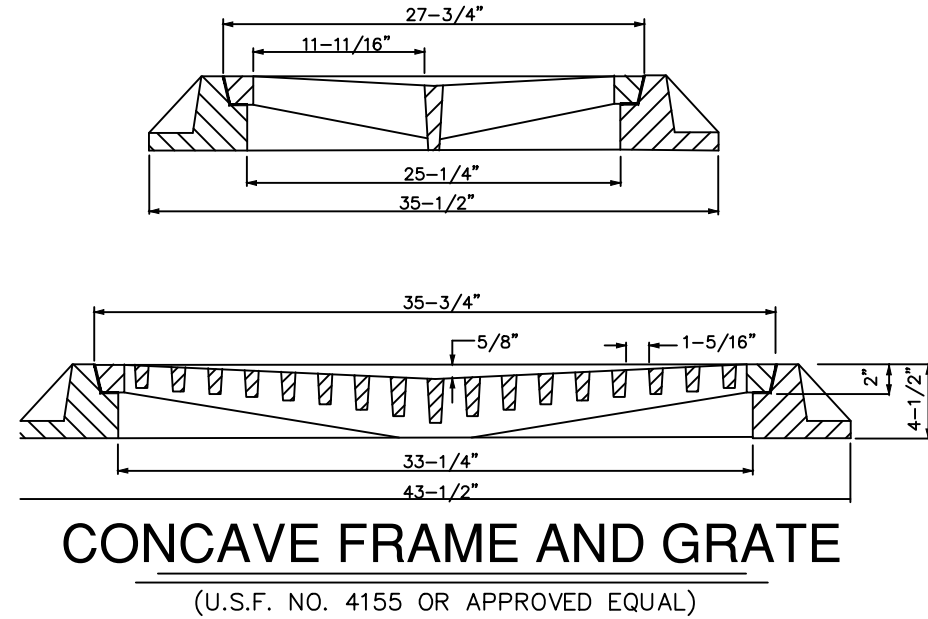


PAVING AND DRAINAGE SPECIFICATIONS

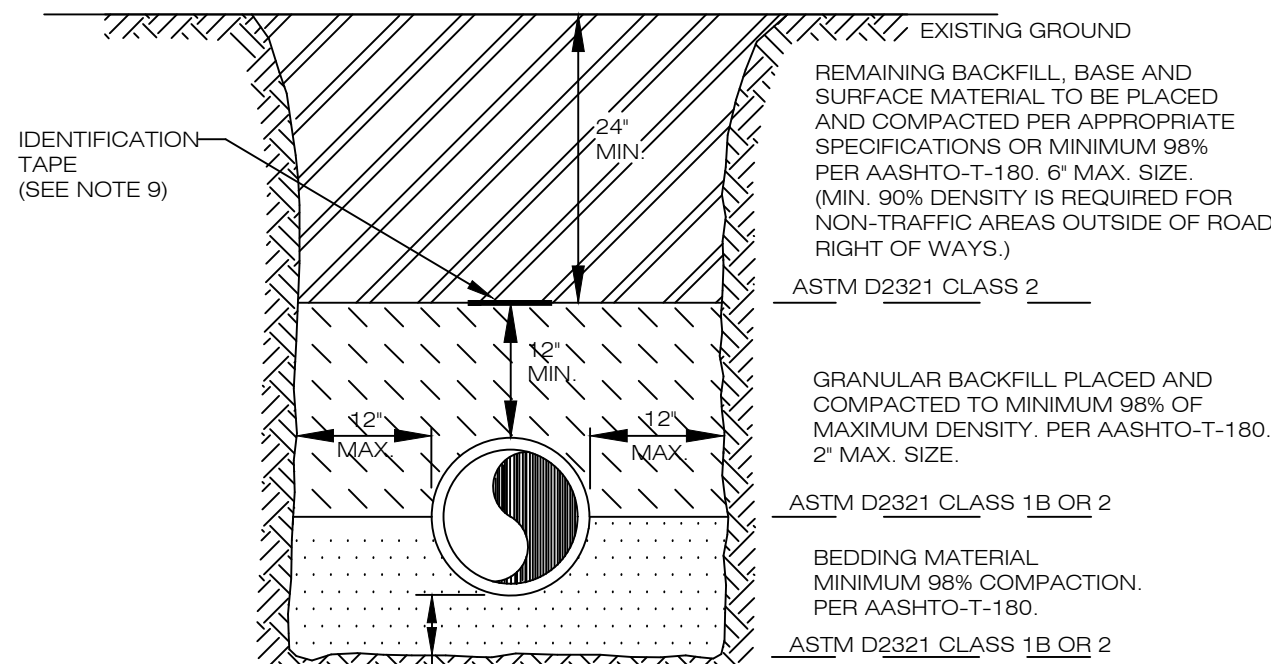
- ALL ORGANIC OR DELETERIOUS MATERIAL SHALL BE REMOVED FROM WITHIN 5 FEET OF ANY EDGE OF PAVEMENT. ANY SUCH MATERIAL SHALL BE REPLACED BY APPROVED GRANULAR FILL. ALL SUBGRADE SHALL BE COMPACTED TO 98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
2. ALL STABILIZED SUBGRADE MATERIALS SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND CONSTRUCTED IN ACCORDANCE WITH THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS FOR CONSTRUCTION OPERATIONS ON THE STATE HIGHWAY SYSTEM, CURRENT EDITION.
3. STABILIZED SUBGRADE SHALL HAVE A LIMEROCK BEARING RATIO (LBR) OF 40 AND SHALL BE COMPACTED TO 98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
4. ALL LIMEROCK BASE COURSE MATERIALS SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND CONSTRUCTED IN ACCORDANCE WITH THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS FOR CONSTRUCTION OPERATIONS ON THE STATE HIGHWAY SYSTEM, CURRENT EDITION.
5. ALL ASPHALTIC CONCRETE MATERIALS SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND CONSTRUCTED IN ACCORDANCE WITH THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS FOR CONSTRUCTION OPERATIONS ON THE STATE HIGHWAY SYSTEM, CURRENT EDITION.
6. PRIME COAT AND TACK COAT FOR BASE COURSES SHALL CONFORM TO THE REQUIREMENTS OF FLORIDA D.O.T. STANDARD SPECIFICATIONS. PRIME COAT SHALL BE APPLIED AT A RATE OF 0.25 GALLONS PER SQUARE YARD AND TACK COAT AT A RATE OF 0.08 GALLONS PER SQUARE YARD UNLESS A VARIATION RATE IS APPROVED BY THE ENGINEER.
7. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. ALL CONCRETE MATERIAL SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND CONSTRUCTED IN ACCORDANCE WITH THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS FOR CONSTRUCTION OPERATIONS ON THE STATE HIGHWAY SYSTEM, CURRENT EDITION.
8. PRECAST CONCRETE MANHOLES AND CATCH BASINS SHALL MEET THE REQUIREMENTS OF A.S.T.M. SPECIFICATIONS C-478 AND 647.
9. CONCRETE FOR PRECAST MANHOLES AND CATCH BASINS SHALL HAVE MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
10. REINFORCING STEEL FOR MANHOLES AND CATCH BASINS SHALL CONFORM TO A.S.T.M. SPECIFICATIONS A-615 AND A-305, LATEST REVISION. GRADE 60 STEEL SHALL BE USED FOR TOP AND BOTTOM SLABS AND WALLS.
11. ALL RE-BAR SPLICES IN CONCRETE STRUCTURES SHALL HAVE A MINIMUM LAP OF 24 BAR DIAMETERS.
12. ALL STRUCTURES LOCATED IN PAVED AREAS SHALL BE RATED FOR AASHTO H-20 LOADING.
13. ALL JOINTS IN CONCRETE STRUCTURES SHALL BE FINISHED WATER TIGHT.
14. ALL SPACES AROUND PIPING ENTERING OR LEAVING MANHOLES AND CATCH BASINS SHALL BE COMPLETELY FILLED WITH 2:1 WATERPROOF, NON-SHRINKING CEMENT MORTAR.
15. REINFORCED CONCRETE PIPE (RCP) SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M. SPECIFICATION C-76, FOR CLASS III, WALL THICKNESS "B" REINFORCED CONCRETE PIPE, AND AS MODIFIED IN SECTION 941 OF FLORIDA D.O.T. STANDARD SPECIFICATION.
16. CORRUGATED ALUMINUM PIPE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 945 OF FLORIDA D.O.T. STANDARD SPECIFICATIONS. DESIGN MEMORANDUM 06036 SHALL BE ADHERED TO WITH ANNULAR BANDING OF JOINTS REQUIRED.
17. PVC DRAINAGE PIPE SHALL BE A.S.T.M. D-3034 S.D.R. 35 OR APPROVED EQUAL.
18. HDPE PIPE SHALL BE IN FILTER SOCK WHERE INDICATED AND ADS N-12 OR APPROVED EQUAL.
19. HDPE PIPE SHALL CONFORM TO A.S.T.M. F-405, A.D.S. N-12 WATER TIGHT OR APPROVED EQUAL.
20. ALL LABOR, MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE MINIMUM ENGINEERING AND CONSTRUCTION STANDARDS ADOPTED BY BROWARD COUNTY ENGINEERING DEPT., THE CITY OF POMPAÑO BEACH, AND THE PLANS AND CONSTRUCTION SPECIFICATIONS. WHERE CONFLICTS OR OMISSIONS EXIST, THE CITY OF POMPAÑO BEACH STANDARDS SHALL DICTATE FOR ON-SITE AND OFF-SITE AREAS WITHIN THE CITY RIGHT-OF-WAY. SUBSTITUTIONS AND DEVIATIONS FROM PLANS AND SPECIFICATIONS SHALL BE PERMITTED ONLY WHEN WRITTEN APPROVAL HAS BEEN ISSUED BY THE ENGINEER.
21. ALL UTILITIES AND DRAINAGE INSTALLATIONS SHALL BE CONSTRUCTED AND INSTALLED PRIOR TO COMMENCING SUBGRADE WORK ON THE PAVED AREAS OF THE SITE.
22. THE EXISTING ELEVATIONS SHOWN ON THE GRADING PLAN INDICATES THE ELEVATION AT THE POINT DEPICTED ONLY, AND SHOULD NOT BE INTERPRETED AS INDICATING THE ELEVATIONS OF ANY OTHER POINT. THESE EXISTING ELEVATIONS ARE IN NO WAY AN INDICATOR OF SURFACE OR SUBSURFACE SOIL CONDITIONS.
23. ALL ACCESSIBLE ROUTES SHALL COMPLY WITH ADA REGULATIONS AND FLORIDA ACCESSIBILITY CODE (LATEST EDITION) AND ALL CURB RAMPS SHALL COMPLY WITH THE FLORIDA BUILDING CODE (LATEST EDITION).



PRECAST CIRCULAR CATCH BASIN



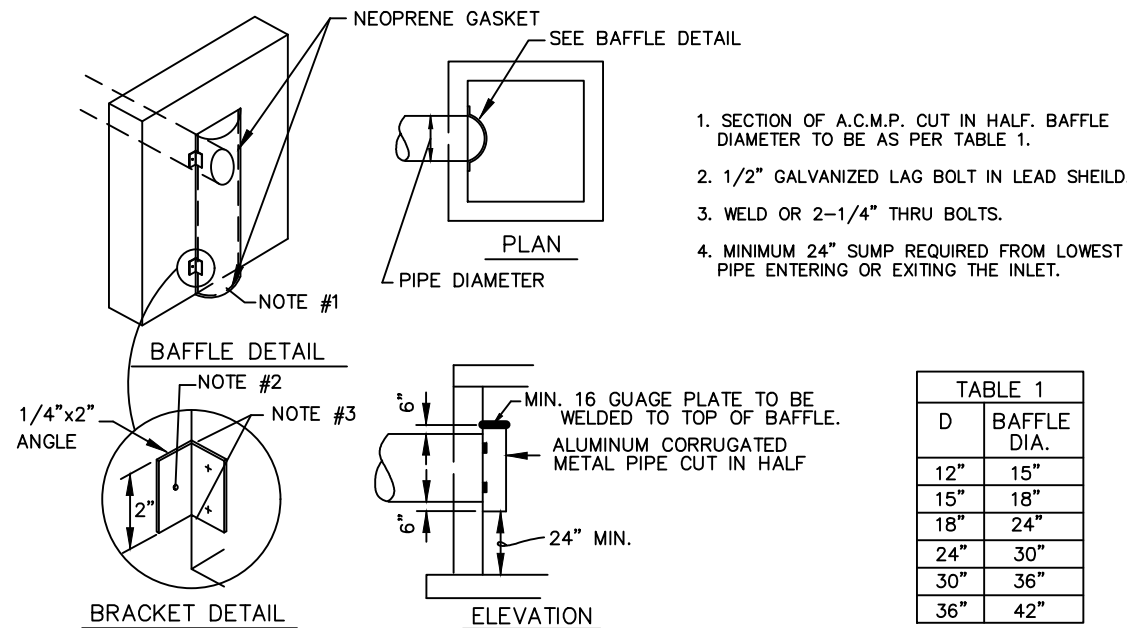
SAWCUT DETAIL



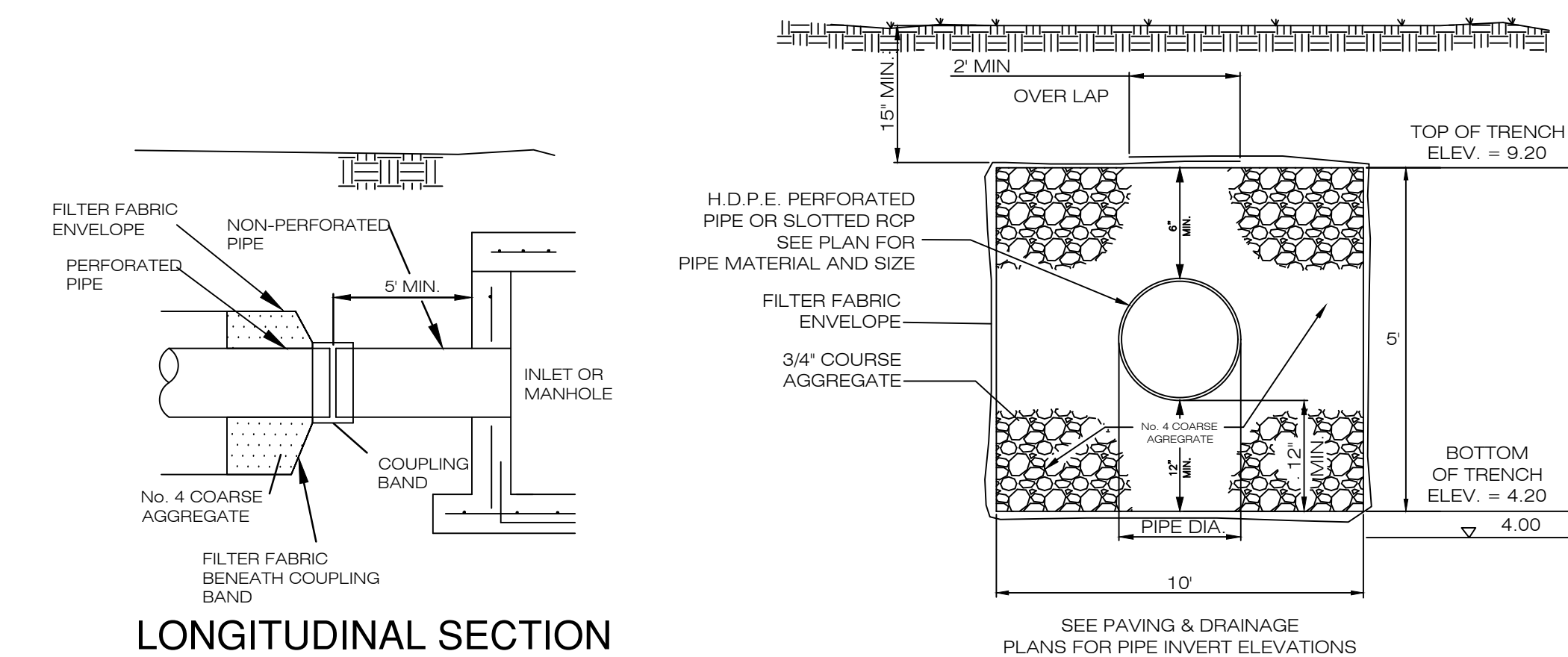
NOTES

1. BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8" - 3/4" SIZING, UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED.
2. THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
3. THE PIPE SHALL BE PLACED IN A DRY TRENCH.
4. BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGE ROCK, MUCK AND DEBRIS.
5. DENSITY TESTS ARE REQUIRED IN 1 FOOT LIFTS ABOVE THE PIPE AT INTERVALS OF 400' MAXIMUM, OR AS DIRECTED BY THE INSPECTOR.
6. THE DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ALL TRENCH SAFETY LAWS AND REGULATIONS.
7. SEE SEPARATE DETAIL FOR 'PIPE INSTALLATION UNDER EXISTING PAVEMENT - OPEN CUT.'
8. THE AFFECTED AREA SHALL BE RESTORED TO EQUAL OR BETTER CONDITION OR AS SPECIFIED IN PERMIT/CONTRACT DOCUMENTS.
9. APPROVED MAGNETIC TAPE IS REQUIRED FOR:
PVC POTABLE WATER MAINS, PVC FORCE MAINS AND RECLAIMED WATER MAINS.

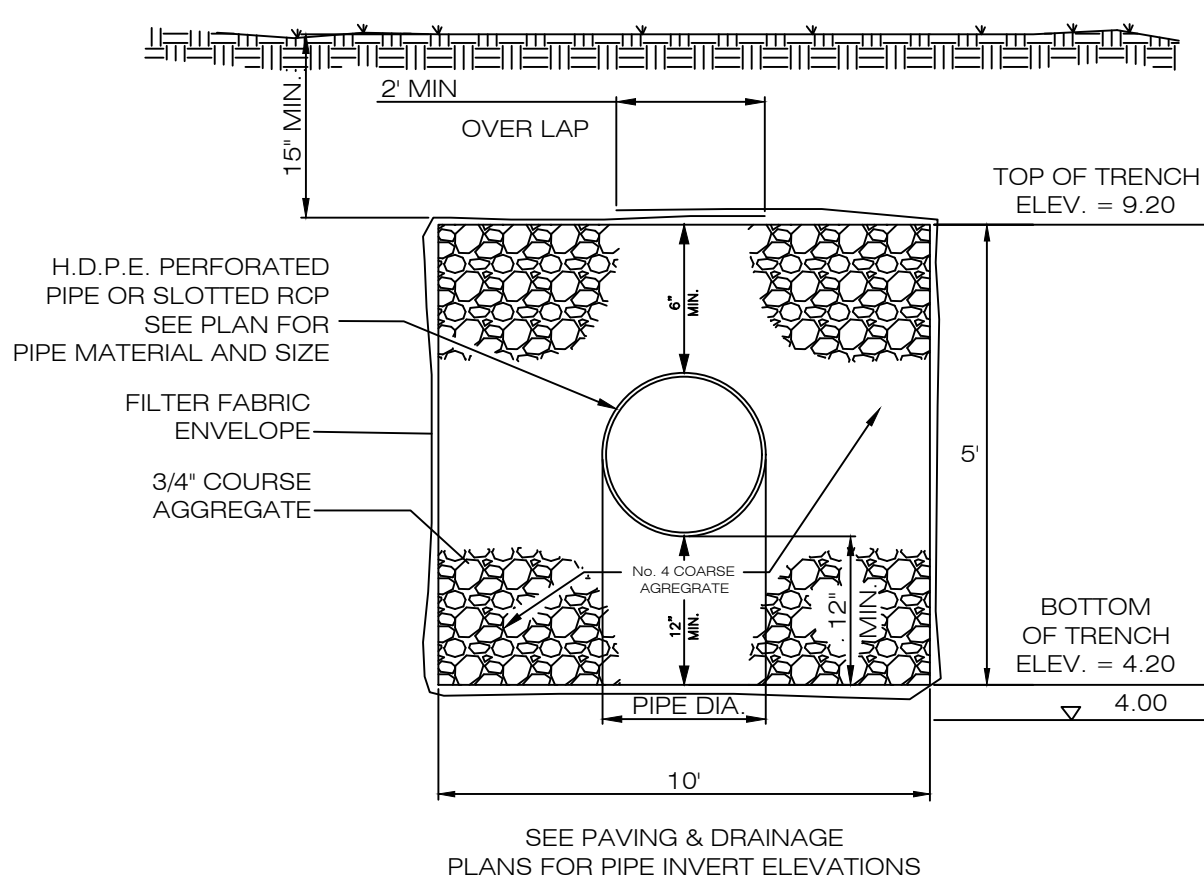
TYPICAL TRENCH DETAIL



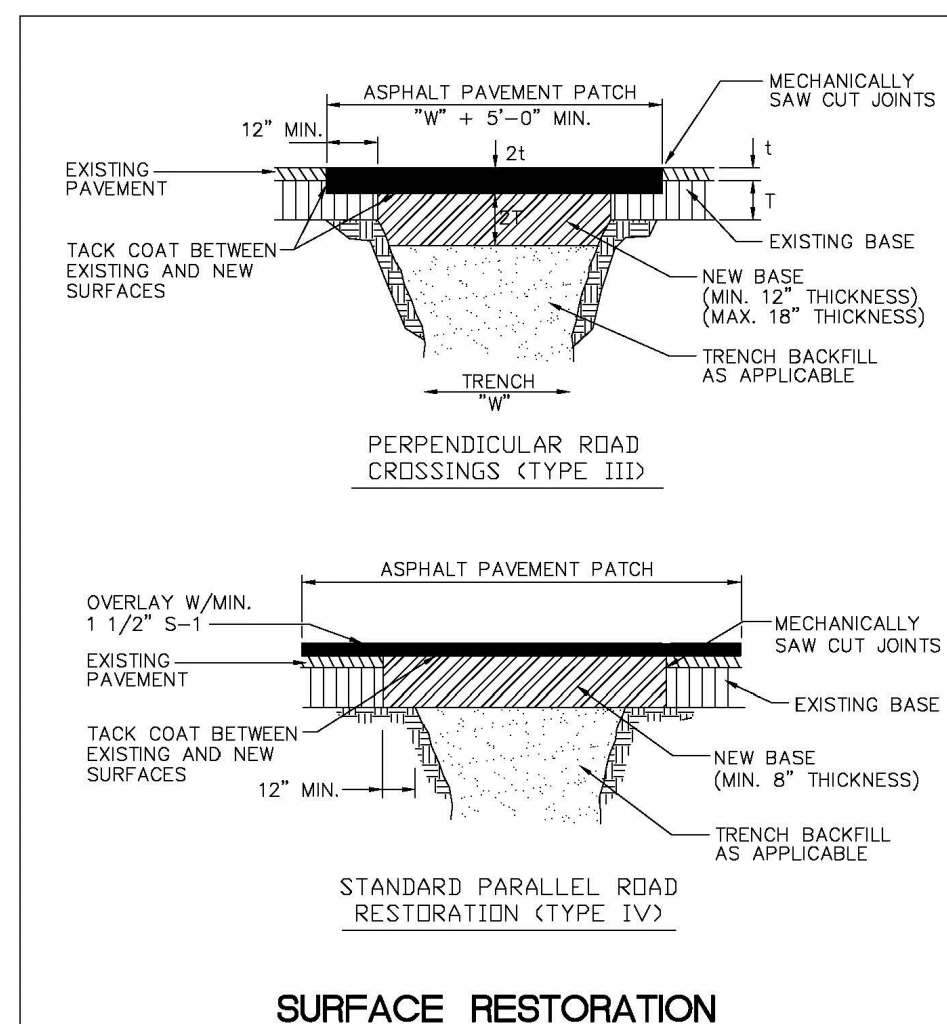
POLLUTION RETARDANT BAFFLE



LONGITUDINAL SECTION
EXFILTRATION TRENCH

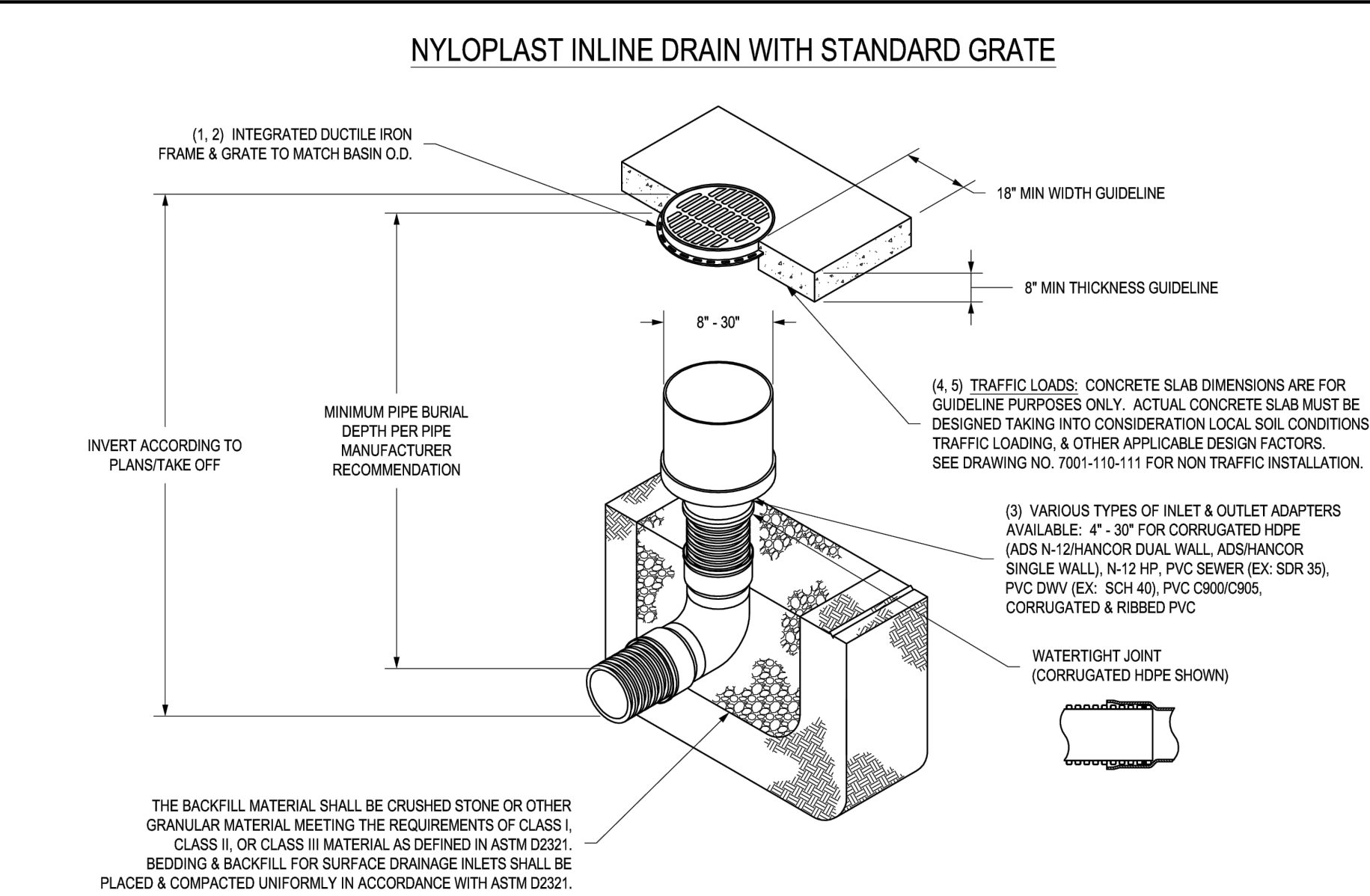


TYPICAL EXFILTRATION TRENCH DETAIL



SURFACE RESTORATION

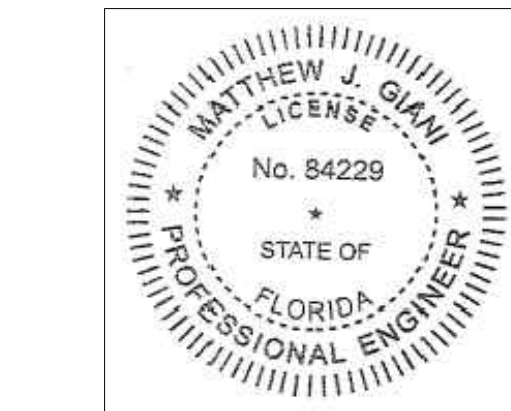
ENGINEERING STANDARDS 2025			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	SURFACE RESTORATION
BY	DATE		
		SCALE: N.T.S.	DATE: MAY 2022 DWG. NO. 306-2



- 1 - 8" - 30" STANDARD GRATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- 2 - 12" - 30" FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- 3 - 8" & 10" STANDARD GRATES FIT DIRECTLY ONTO INLINE DRAINS SEE DRAWING NO. 7003-110-004 & 7003-110-001.
- 4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER (4" - 24").
- 5 - 12" - 30" STANDARD GRATES SHALL MEET H-20/LD RATING.
- 6 - 8" & 10" STANDARD GRATES ARE RATED FOR LIGHT DUTY APPLICATION ONLY; NO CONCRETE COLLAR NEEDED FOR LIGHT DUTY RATING.

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DATE	1-23-06				
REVISED BY	NM1H	PROJECT NO./NAME	TITLE INLINE DRAIN WITH STANDARD GARD QUICK SPEC INSTALLATION DETAIL		
DATE	03-15-16				
DWG SIZE	A	SCALE	1:40	SHEET	1 OF 1
DWG NO.	7003-110-022	REV	J		



This item has been digitally signed and sealed by Matthew J. Giani on the date on the digital seal.

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SDA ENGINEERING

ENGINEERING • PLANNING
ENGINEERING AUTH. NO. 5634

5379 Lyons Road, PMB 308 • Coconut Creek, FL 33073
PH: 954-943-9433

DRAWN BY: MJG

CHECKED BY: MJG

DESIGNED BY: MJG

SCALE: NTS

SMAX LLC (MAX MARINE ELECT.)
OUTDOOR STORAGE
COMPANO BEACH, BROWARD COUNTY, FLORIDA
PAVING, GRADING AND DRAINAGE
SPECIFICATIONS AND DETAILS

S E A L

FOR THE FIRM
BY;

MATTHEW J. GIANI P.E.
FLA. P.E. No. 84229

DATE: JUNE 2026

JOB NO.
1407A 00

SHEET CE2