

PAVEMENT MARKING AND SIGNAGE SPECIFICATIONS

- ALL SIGNING AND PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF POMPANO BEACH ENGINEERING STANDARDS.
- ALL THERMOPLASTIC PAVEMENT MARKINGS SHALL BE APPLIED IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH PROPOSED DESIGN SHALL BE REMOVED. METHOD OF REMOVAL TO BE APPROVED BY THE ENGINEER PRIOR TO ANY WORK IN THIS AREA.
- PROVIDE FOR BLUE REFLECTIVE PAVEMENT MARKERS IN THE CENTER OF THE DRIVE LANE ADJACENT TO EACH FIRE HYDRANT.
- PROVIDE FOR RED REFLECTIVE PAVEMENT MARKERS IN THE CENTER OF THE DRIVE LANE ADJACENT TO FIRE DEPARTMENT CONNECTIONS.
- ALL EXISTING SIGNS (STOP, SPEED LIMIT, STREET NAMES, SCHOOL, ETC) SHALL BE REMOVED WHERE CONFLICTING WITH CONSTRUCTION ACTIVITIES AND RE-INSTALLED PRIOR TO OPENING ROADWAYS FOR TRAFFIC.
- PAVEMENT MARKINGS AND GEOMETRICS SHALL BE IN ACCORDANCE WITH OF MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND CITY OF POMPANO BEACH DESIGN STANDARDS.

PAVING AND DRAINAGE SPECIFICATIONS

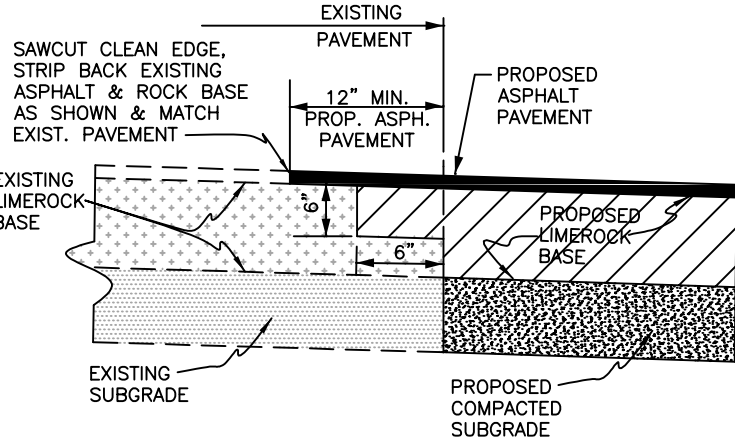
- ALL ORGANIC OR DELETERIOUS MATERIAL SHALL BE REMOVED FROM WITHIN 5 FEET OF ANY EDGE OF PAVEMENT. ANY SUCH MATERIAL SHALL BE REPLACED BY APPROVED GRANULAR FILL WHICH SHALL BE COMPACTED TO 98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
- STABILIZED SUBGRADE SHALL HAVE A LIMEROCK BEARING RATIO (LBR) OF 40 AND SHALL BE COMPACTED TO 98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
- LIMEROCK BASE COURSE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 311 OF FLORIDA D.O.T. STANDARD SPECIFICATIONS, EXCEPT THAT THE MINIMUM PERCENTAGE OF CARBONATES OF CALCIUM AND MAGNESIUM SHALL BE 60%.
- ASPHALTIC CONCRETE TYPE SP-9.5 SHALL CONFORM TO THE REQUIREMENTS OF SECTION 331 OF FLORIDA D.O.T. STANDARD SPECIFICATIONS.
- PRIME COAT AND TACK COAT FOR BASE COURSES SHALL CONFORM TO THE REQUIREMENTS OF SECTIONS 300-1 THROUGH 300-7 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.
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS, EXCEPT DRAINAGE STRUCTURES.
- PRECAST CONCRETE MANHOLES AND CATCH BASINS SHALL MEET THE REQUIREMENTS OF A.S.T.M. SPECIFICATIONS C-478 AND 641.
- CONCRETE FOR PRECAST MANHOLES AND CATCH BASINS SHALL HAVE MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
- 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.
- ALL RE-BAR SPLICES IN CONCRETE STRUCTURES SHALL HAVE A MINIMUM LAP OF 24 BAR DIAMETERS.
- ALL JOINTS IN CONCRETE STRUCTURES SHALL BE FINISHED WATER TIGHT.
- ALL SPACES AROUND PIPING ENTERING OR LEAVING MANHOLES AND CATCH BASINS SHALL BE COMPLETELY FILLED WITH 2:1 WATERPROOF, NON-SHRINKING CEMENT MORTAR.
- 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.
- 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.
- PVC DRAINAGE PIPE SHALL BE A.S.T.M. D-3034 S.D.R. 35 OR APPROVED EQUAL.
- HDPE PIPE SHALL BE IN FILTER SOCK WHERE INDICATED ADS N-12 OR APPROVED EQUAL.
- HDPE PIPE SHALL CONFORM TO A.S.T.M. F-405, A.D.S. N-12 OR APPROVED EQUAL.
- ALL LABOR, MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE MINIMUM ENGINEERING AND CONSTRUCTION STANDARDS ADOPTED BY THE CITY OF POMPANO BEACH ENGINEERING DEPT. AND THE PLANS AND CONSTRUCTION SPECIFICATIONS. WHERE CONFLICTS OR OMISSIONS EXIST, THE CITY OF POMPANO BEACH ENGINEERING DEPT. STANDARDS SHALL DICTATE. SUBSTITUTIONS AND DEVIATIONS FROM PLANS AND SPECIFICATIONS SHALL BE PERMITTED ONLY WHEN WRITTEN APPROVAL HAS BEEN ISSUED BY THE ENGINEER.
- ALL UTILITIES AND DRAINAGE INSTALLATIONS WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED AND INSTALLED PRIOR TO COMMENCING SUBGRADE WORK ON THE ROAD.
- 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.
- ALL ACCESSIBLE ROUTES SHALL COMPLY WITH ADA REGULATIONS AND ALL CURB RAMPS SHALL COMPLY WITH THE FLORIDA BUILDING CODE (MOST RECENT EDITION)..

NOTES:

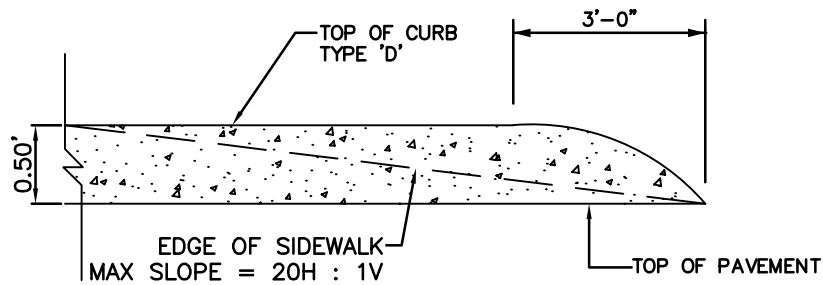
- RUNNING SLOPES ALONG ACCESSIBLE PATHS CANNOT EXCEED 5%.
- CROSS SLOPES ALONG ACCESSIBLE PATHS CANNOT EXCEED 2%.
- CHANGES IN SURFACE MATERIAL MUST HAVE SMOOTH TRANSITIONS OF NOT MORE THAN 1/4".

- (A) 2" THICK ASPHALTIC CONCRETE TYPE SP-9.5 (2 LIFTS)
- (B) PRIME AND TACK COAT
- (C) 8" BASEROCK COMPACTED TO 98% MAX DENSITY AASHTO T-180.
- (D) 12" SUBGRADE COMPACTED TO 98% MAX DENSITY AASHTO T-180, STABILIZE TO LBR 40

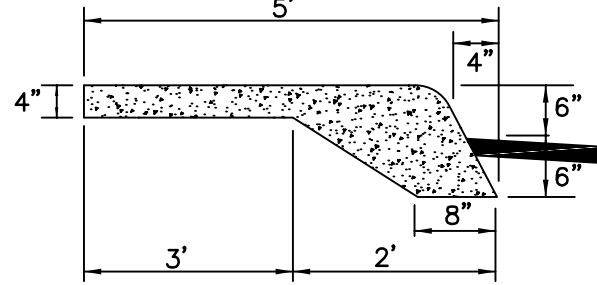
PAVEMENT SPECIFICATIONS



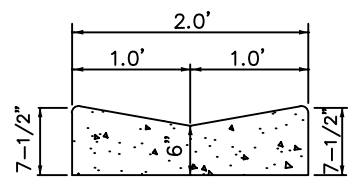
SAWCUT DETAIL



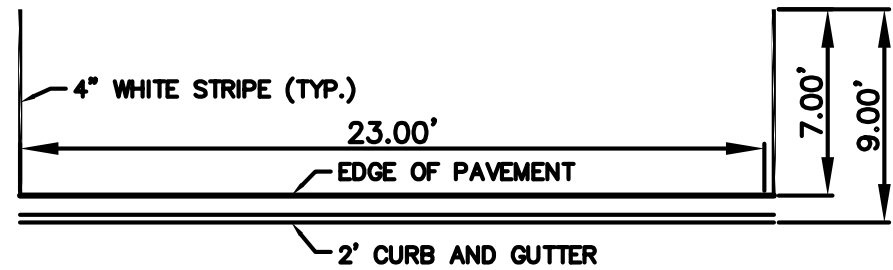
CURB ENDING DETAIL  
INTEGRAL CURB AND SIDEWALK



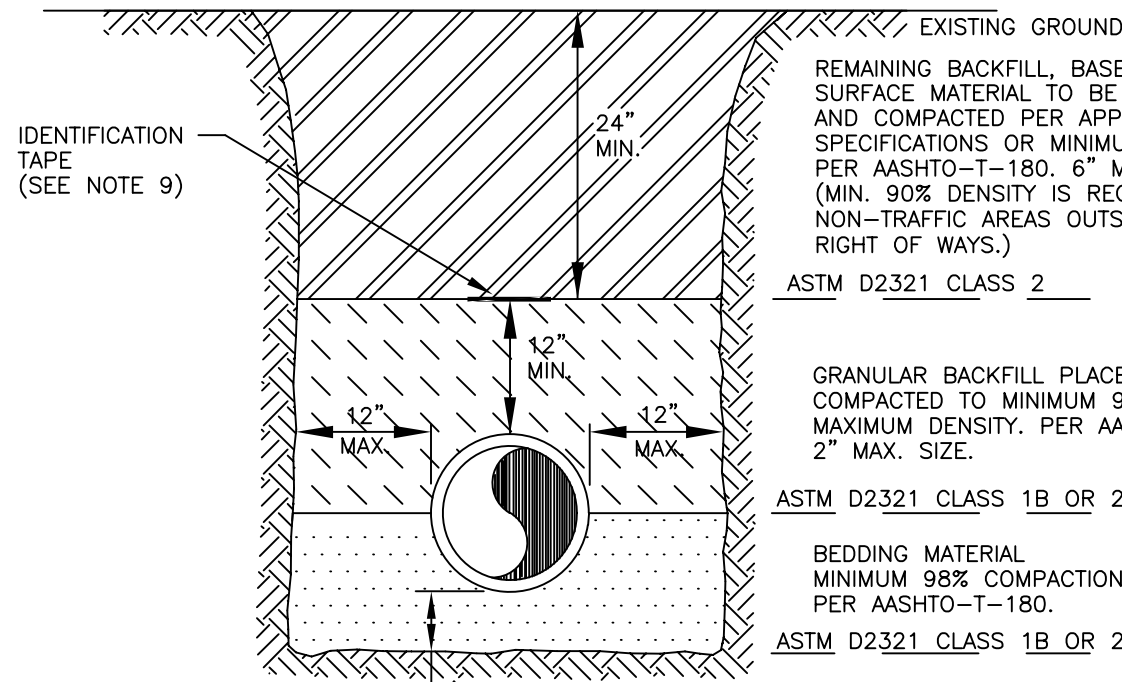
INTEGRAL CURB &  
SIDEWALK DETAIL



VALLEY GUTTER DETAIL



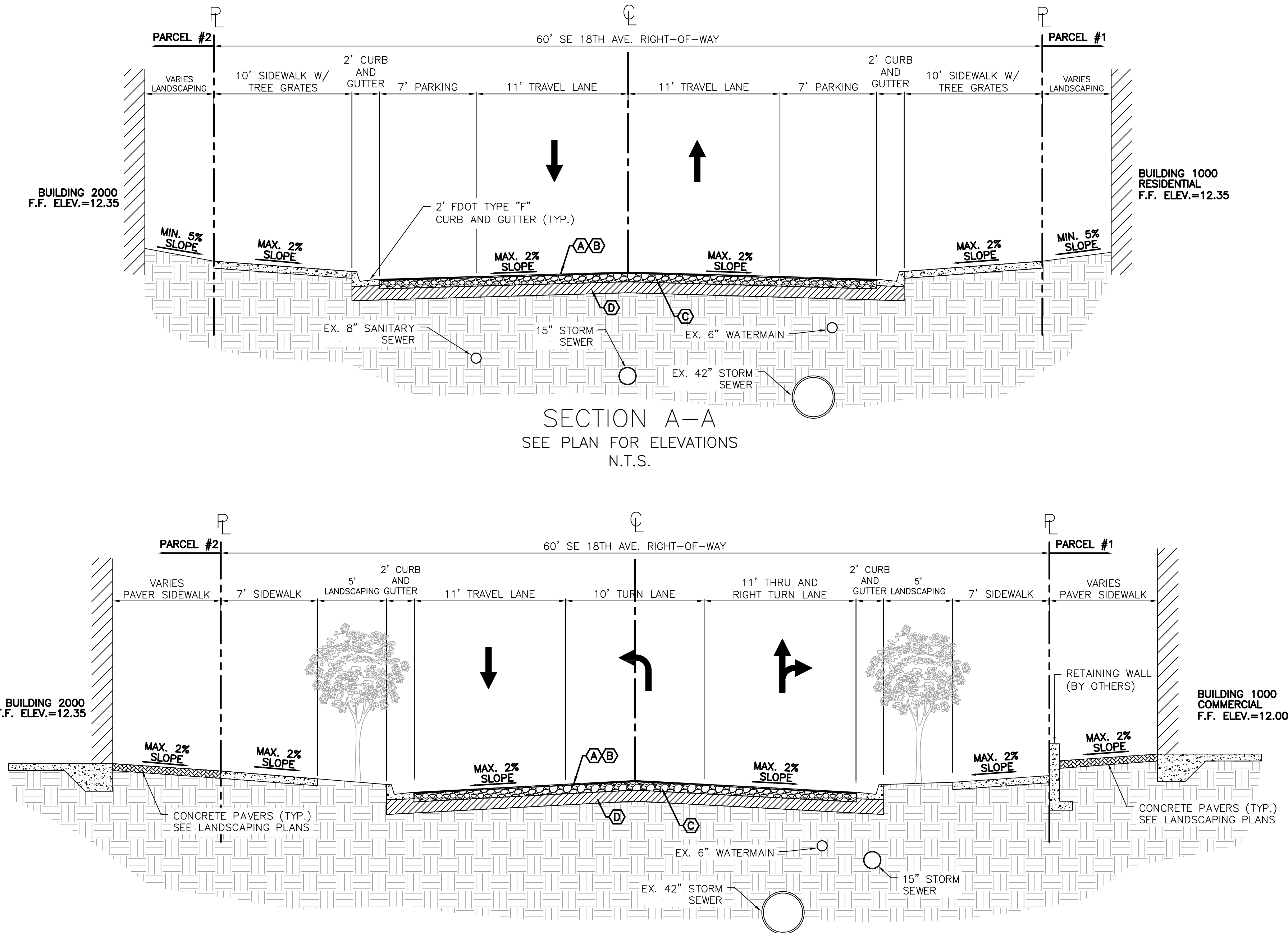
ON-STREET PARALLEL PARKING STALL DETAIL



NOTES:

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

TYPICAL TRENCH DETAIL



SECTION B-B  
SEE PLAN FOR ELEVATIONS  
N.T.S.

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

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



| REVISIONS |             |
|-----------|-------------|
| DATE      | DESCRIPTION |
|           |             |
|           |             |
|           |             |
|           |             |
|           |             |
|           |             |
|           |             |
|           |             |
|           |             |

**SDA ENGINEERING**  
ENGINEERING • SURVEYING • PLANNING  
ENGINEERING AUTH. NO. 5634 SURVEYING LIC. NO. LB-6456  
3410 N. Andrews Avenue Ext. • Pompano Beach, FL 33064  
PH: 954-943-9433 • FAX: 954-783-4754

|                     |
|---------------------|
| DRAWN BY: MJG       |
| CHECKED BY: JFD     |
| DESIGNED BY: MJG    |
| APPROVED BY: S.D.A. |
| SCALE: N.T.S.       |

**ATLANTIC ONE**  
**MIXED-USE DEVELOPMENT**  
POMPANO BEACH, BROWARD COUNTY, FLORIDA  
**PAVING, GRADING & DRAINAGE**  
**DETAILS**

|                   |                                     |
|-------------------|-------------------------------------|
| FOR THE FIRM, BY: |                                     |
| <b>Matt hew J</b> | Digitally signed by Matthew J Gianì |
| <b>Giani</b>      | Date: 2024.06.10 16:42:34 -04'00'   |
| DATE:             | JUNE 2024                           |
| JOB NO.           | 1136B.01                            |
| SHEET             | CE15                                |