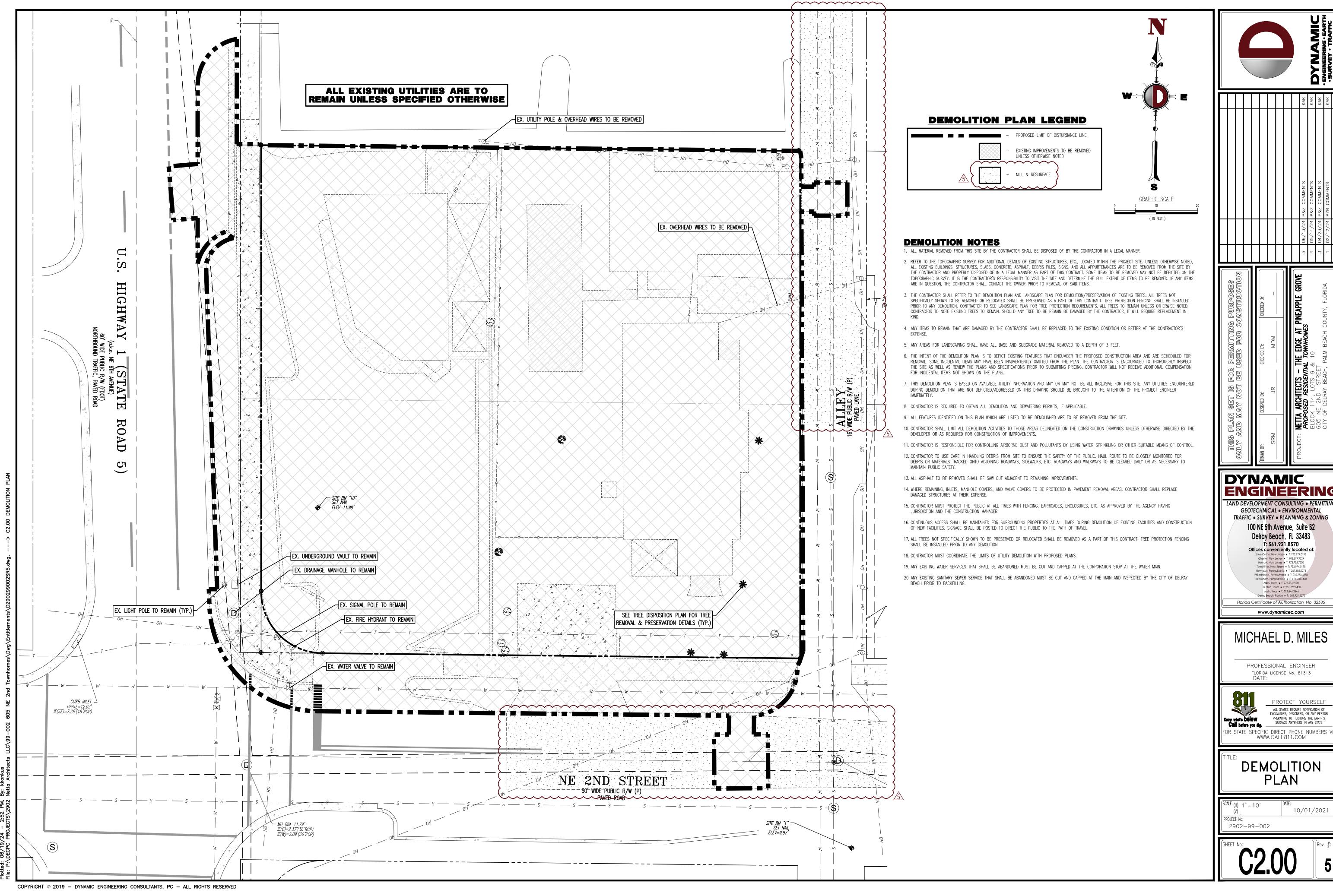


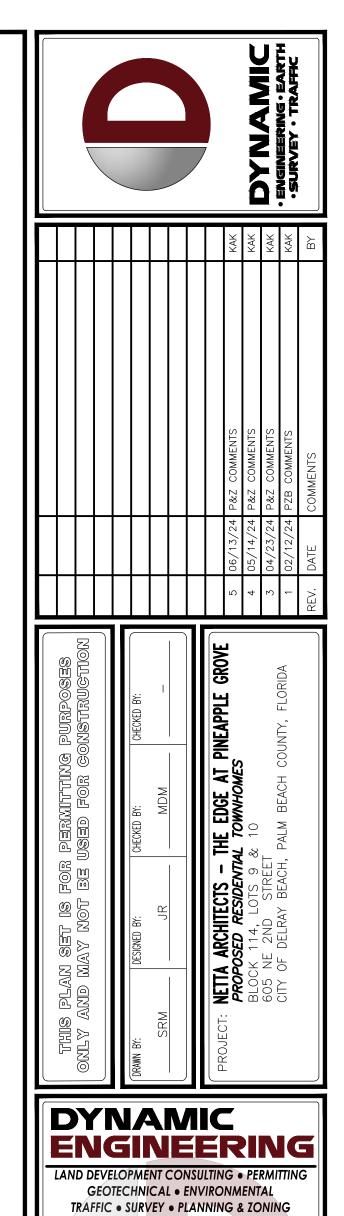
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PROTECT YOURSELF

ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE

10/01/2021





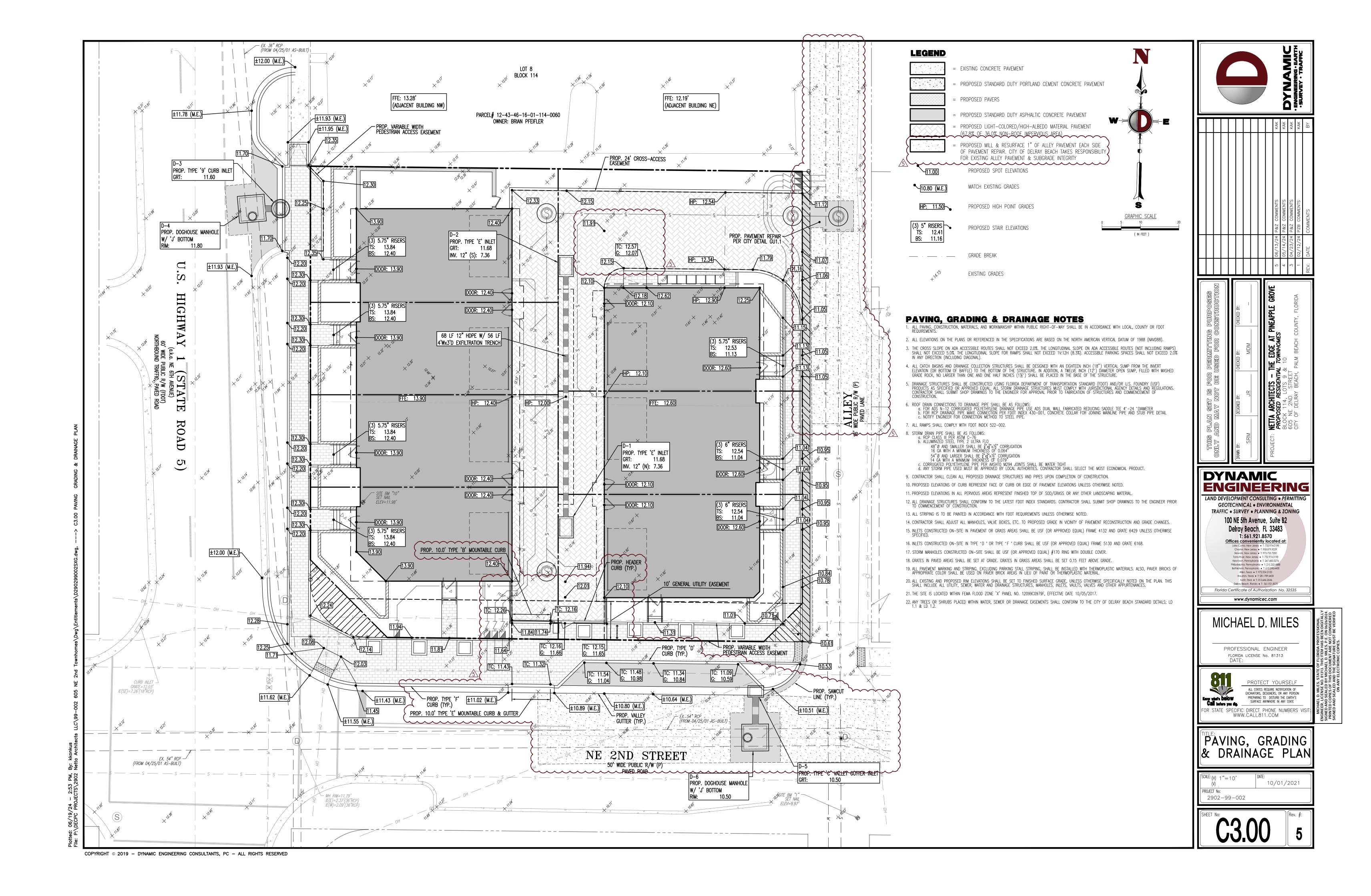
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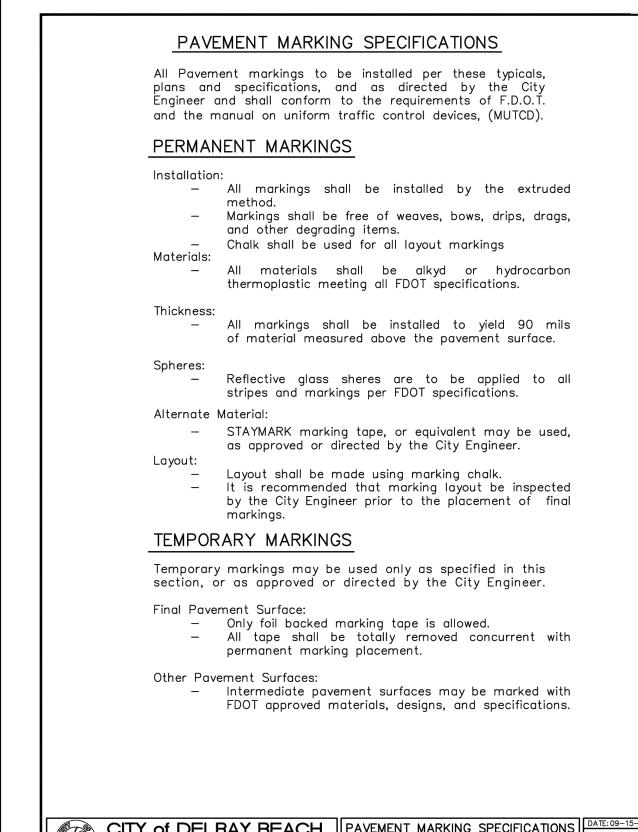
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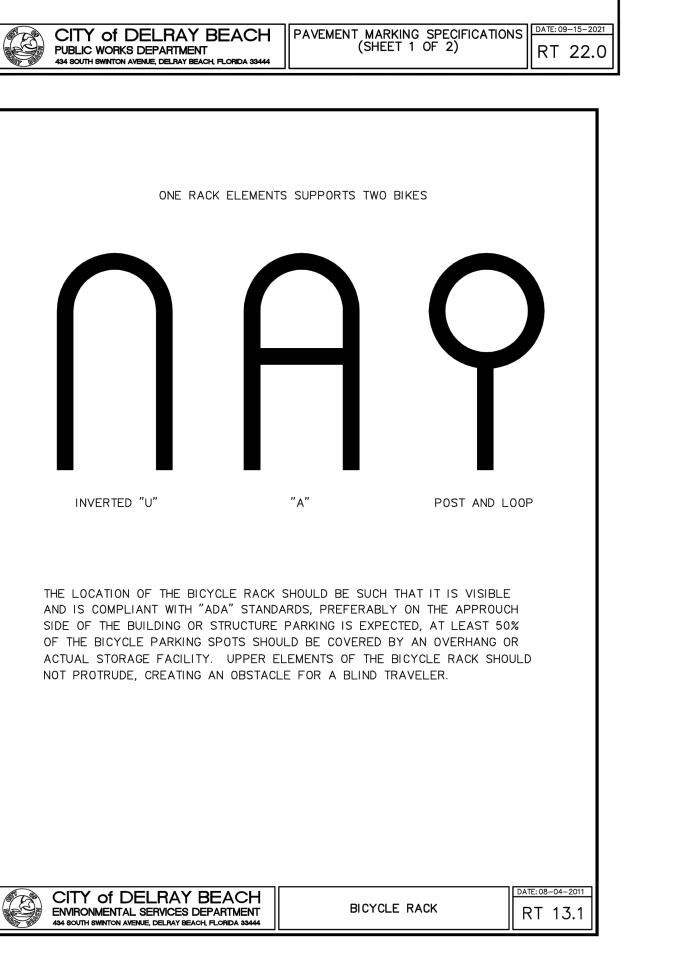
PROTECT YOURSELF ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE

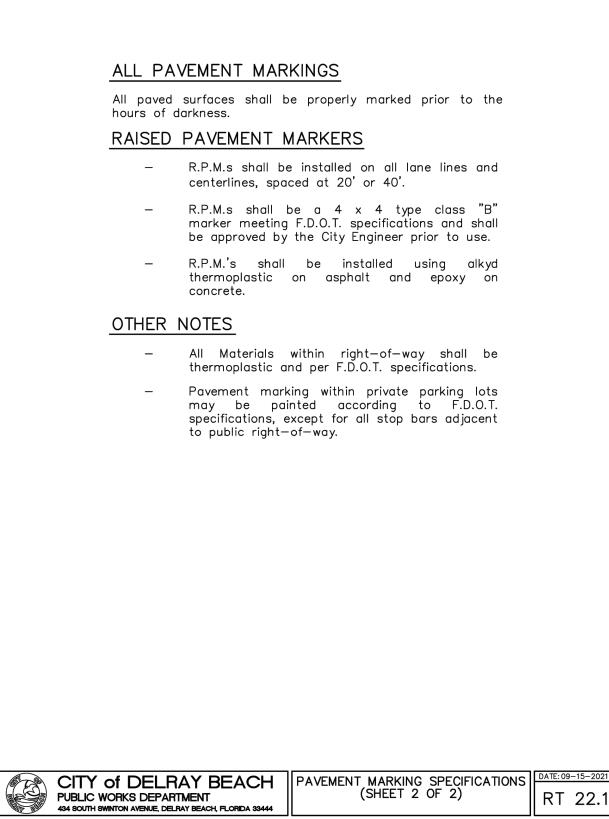
DEMOLITION PLAN

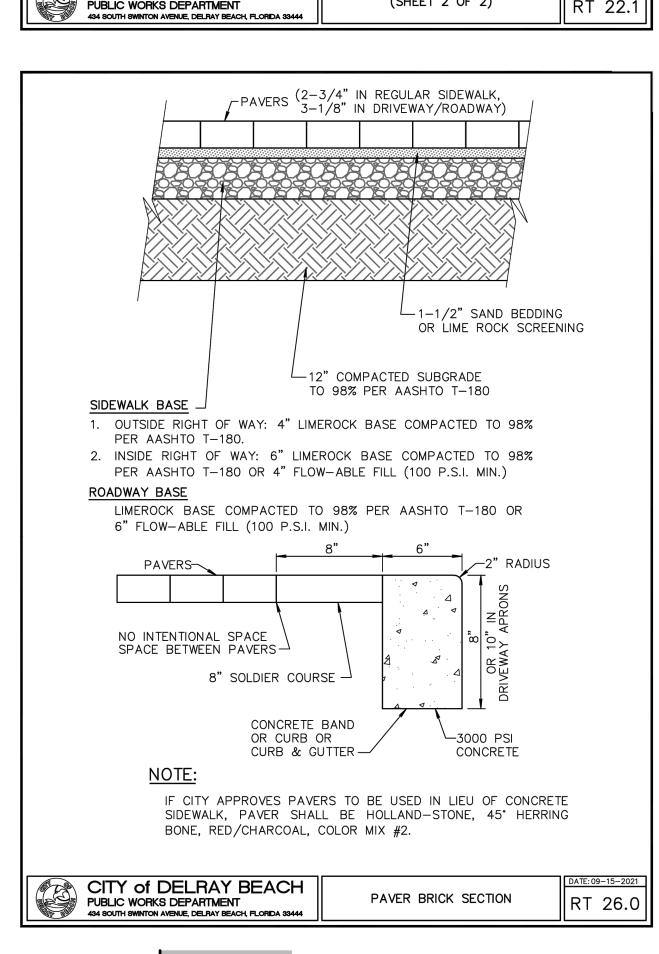
10/01/2021 2902-99-002

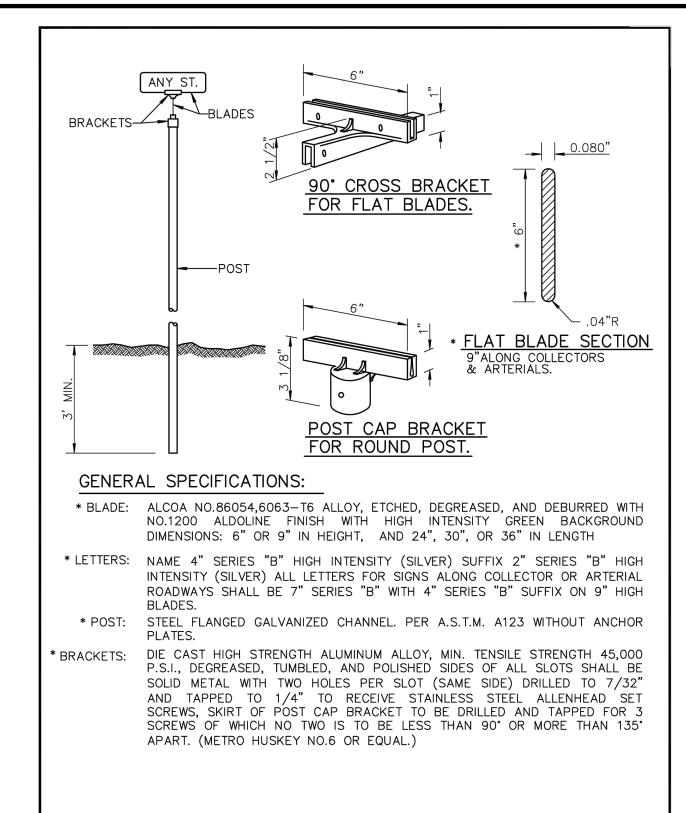






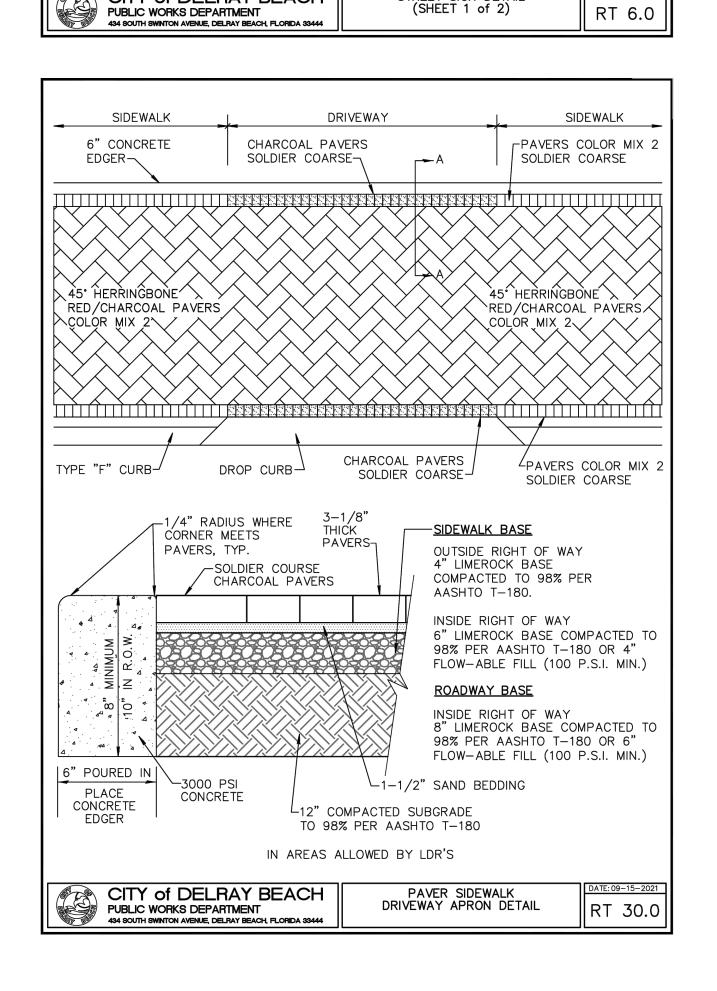


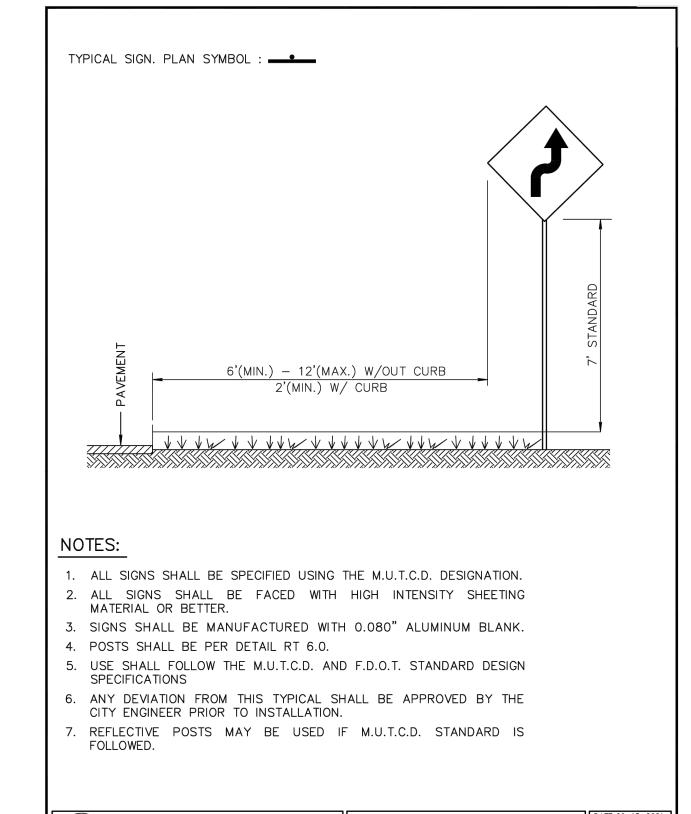




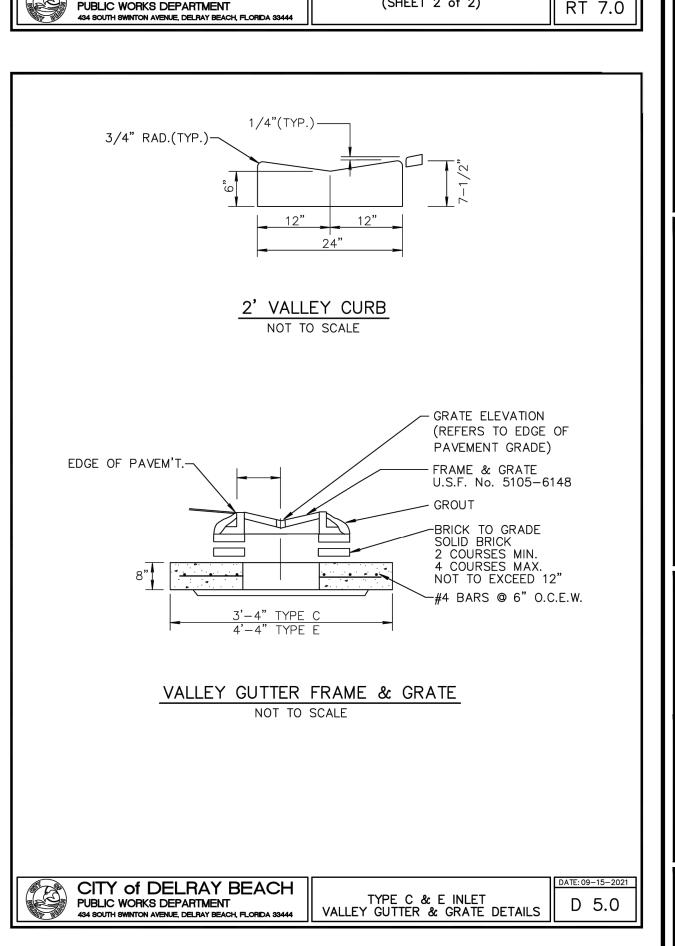
STREET SIGN DETAIL

CITY of DELRAY BEACH



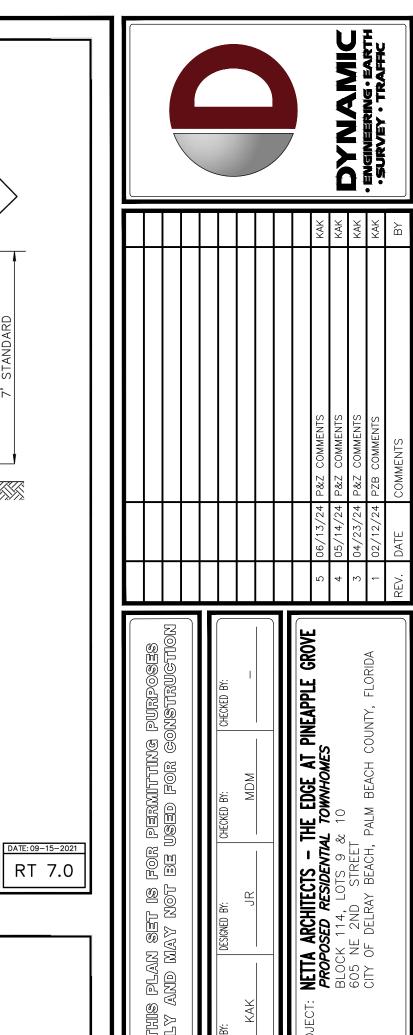


CITY of DELRAY BEACH

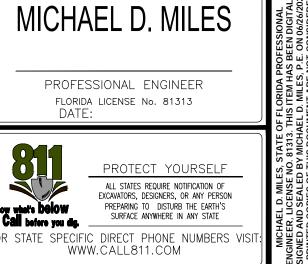


STREET SIGN DETAIL

(SHEET 2 of 2)



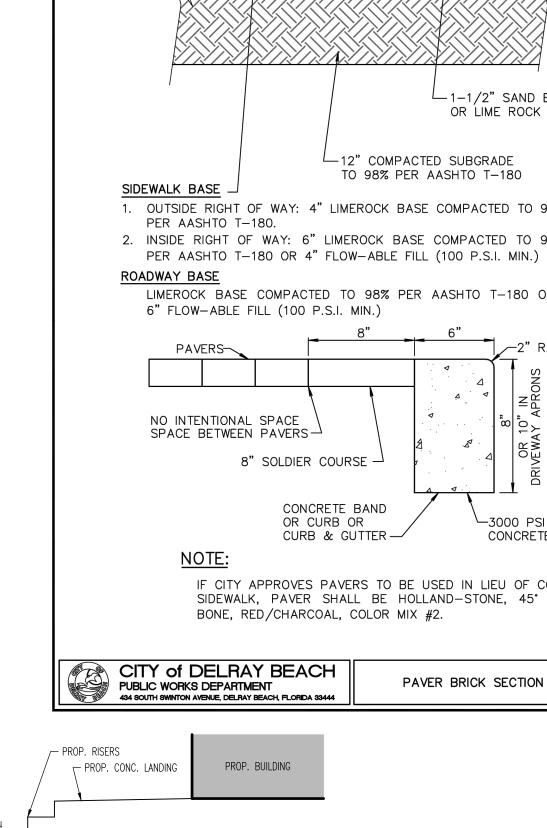


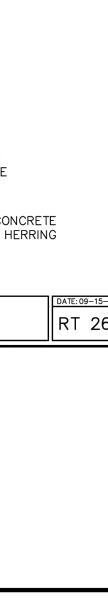


CONSTRUCTION **DETAILS** 

10/01/2021 (V) SCALE PROJECT No: 2902-99-002

EX. CURB & GUTTER —





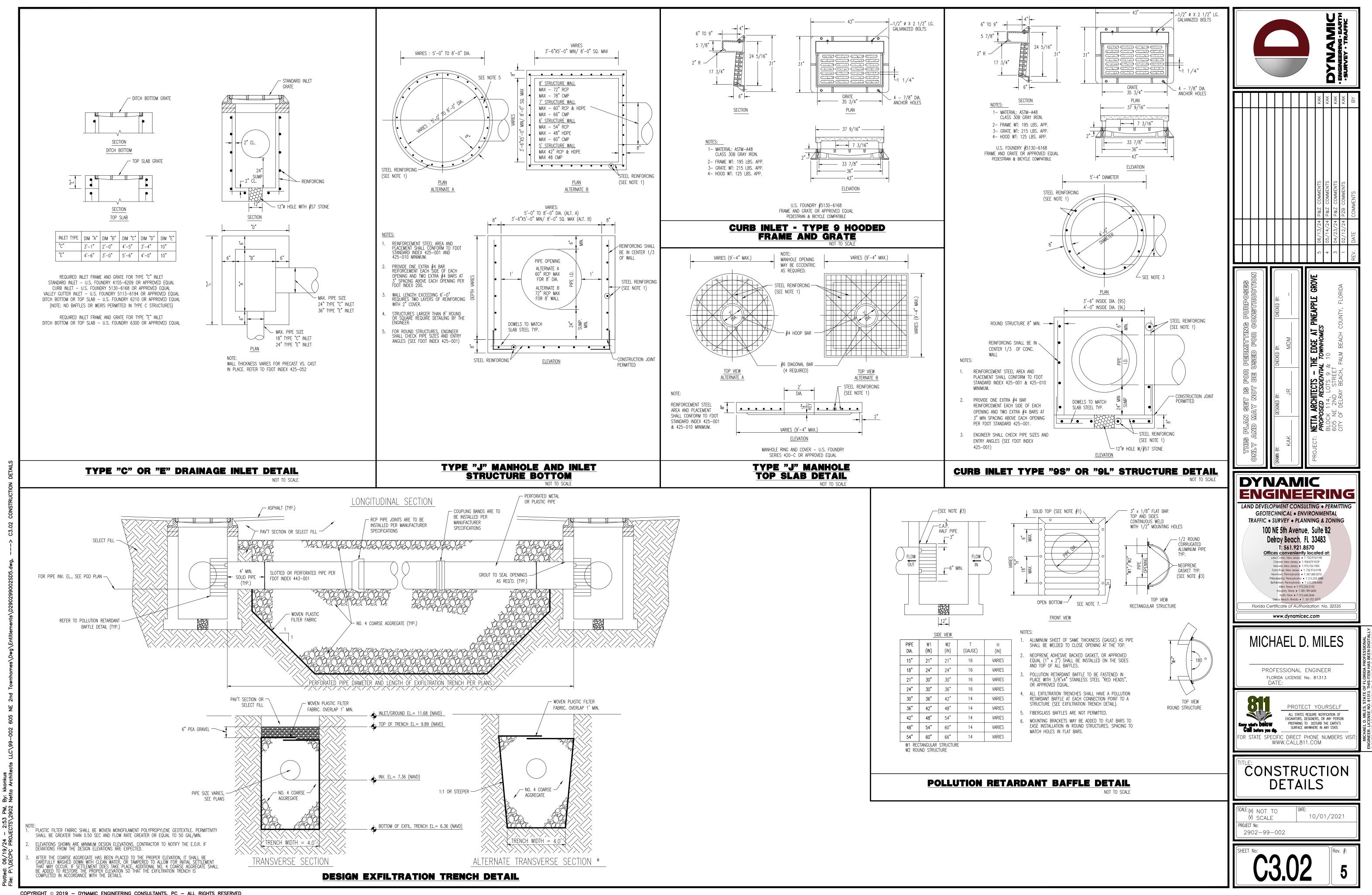
4.0' MIN. CURB ZONE

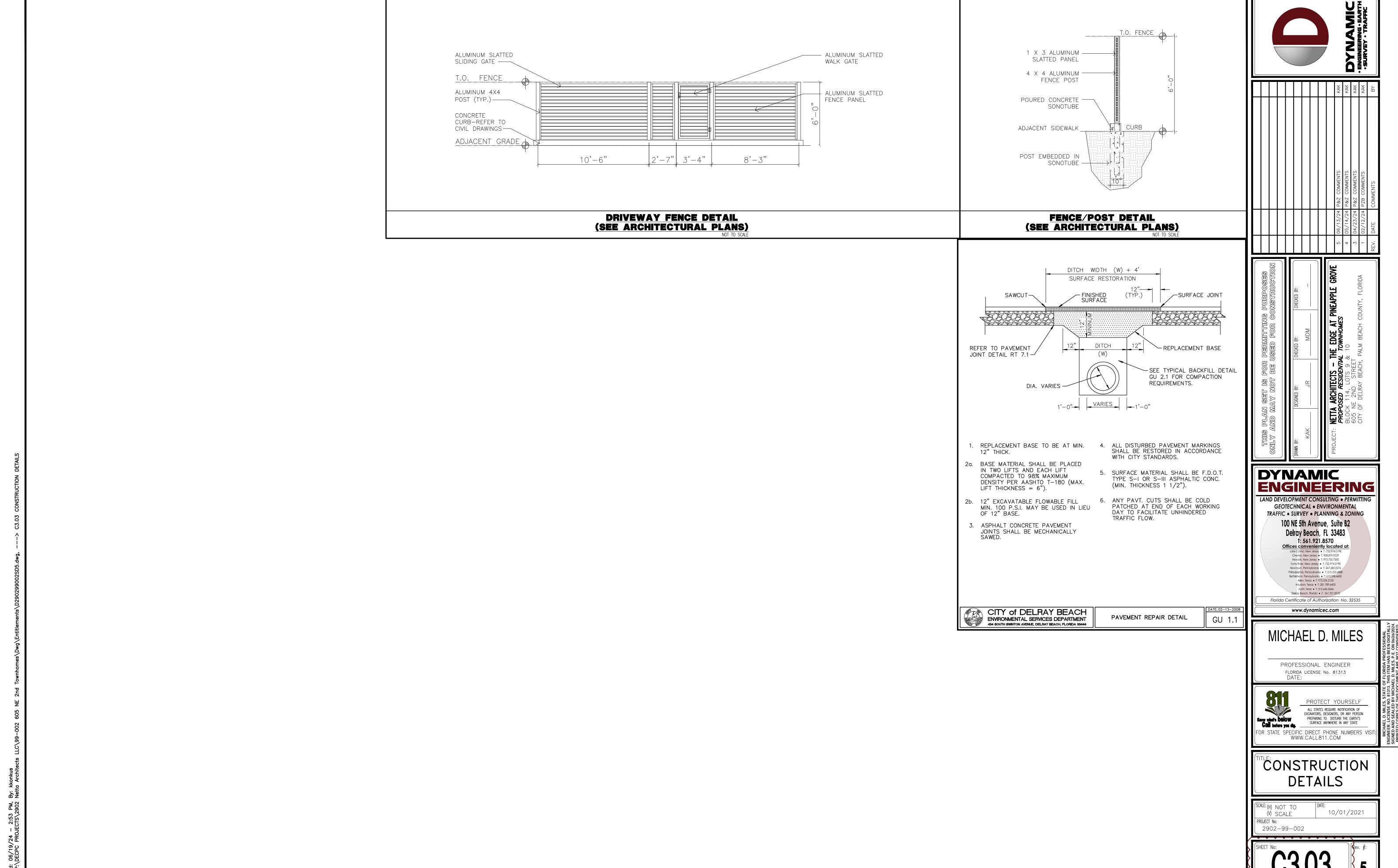
FEDERAL HIGHWAY EASTERN R.O.W. LINE —

6.0' PEDESTRIAN CLEAR ZONE

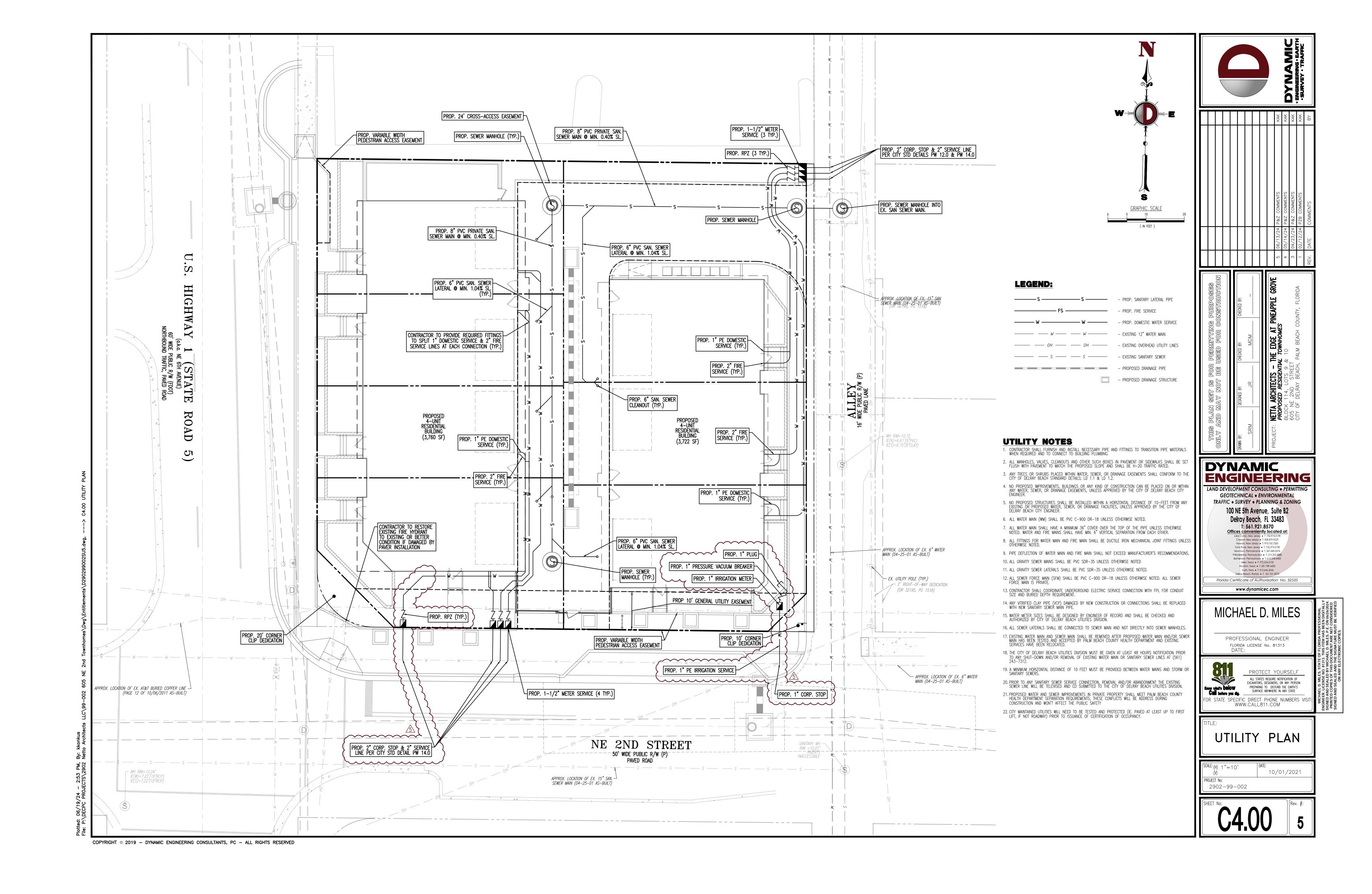
STREETSCAPE CROSS SECTION A-A

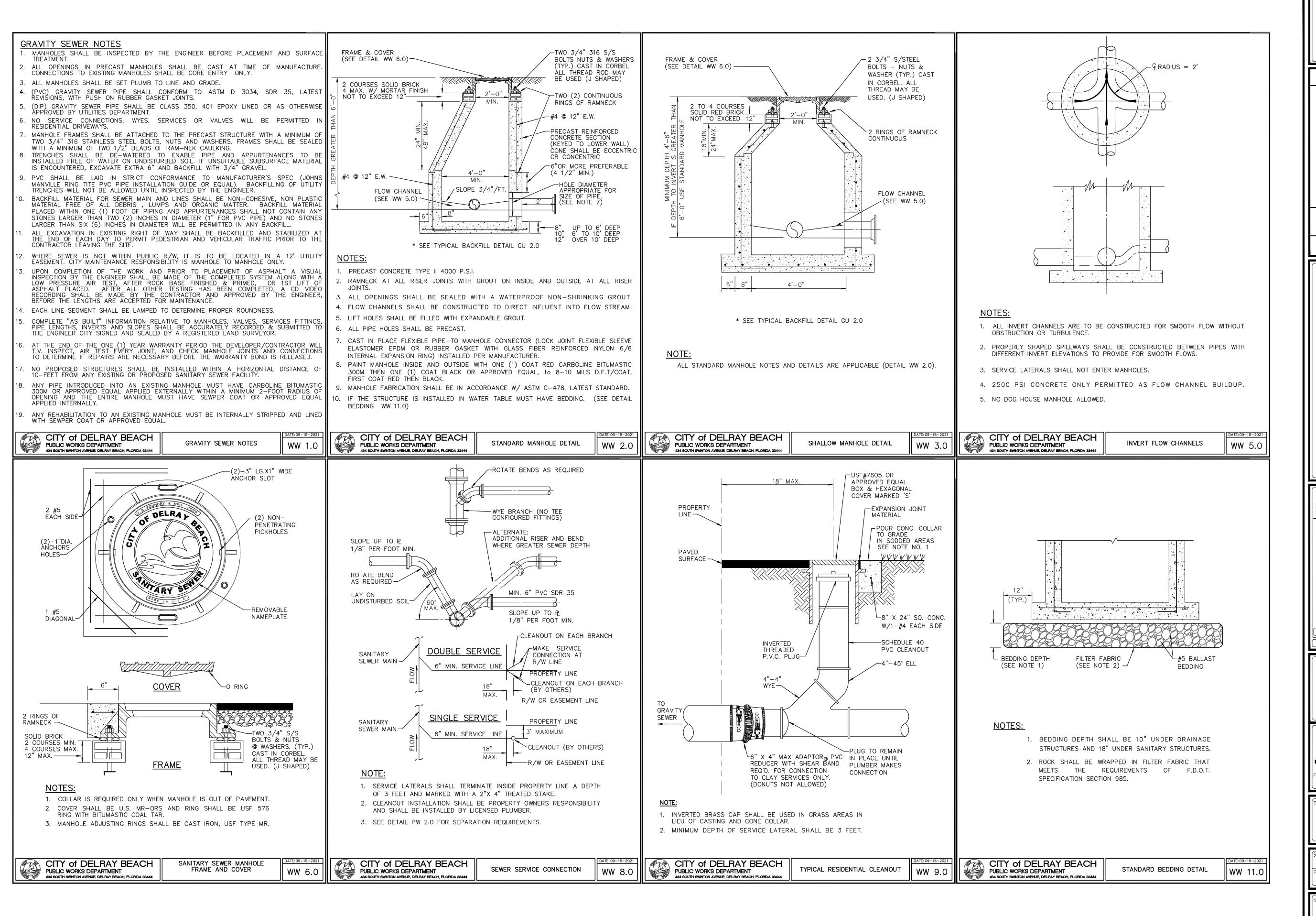
INVERTED "U"

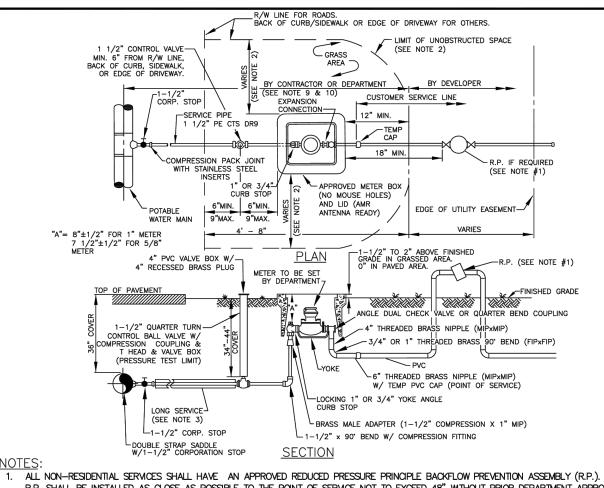




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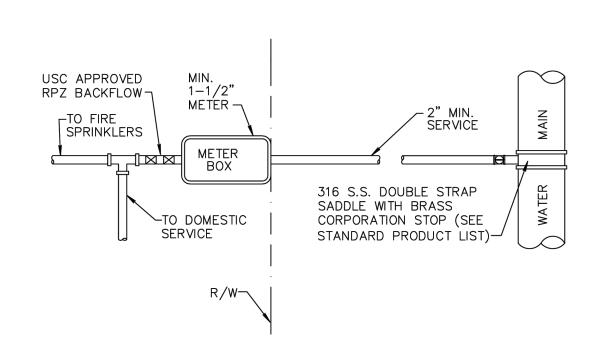




- . ALL NON-RESIDENTIAL SERVICES SHALL HAVE AN APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY (R.P.). THE R.P. SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO THE POINT OF SERVICE NOT TO EXCEED 48" WITHOUT PRIOR DEPARTMENT APPROVAL. 2. LIMIT OF UNOBSTRUCTED SPACE FROM SIDE OF WATER METER BOX SHALL BE 36" MINIMUM FOR SHRUBS AND SIMILAR OBSTRUCTIONS WITH
- 60" MINIMUM FOR TREES, WALLS, AND OTHER SIMILAR OBSTRUCTIONS. FOR INSTALLATION OF SERVICES UNDER DRIVEWAYS AND ROADWAYS USE MIN. 3" DIAMETER BLACK IRON, PVC SCH 40 OR HDPE SDR 9 CASING. CASING SHALL EXTEND MIN. 24" BEYOND EDGE OF PAVEMENT. END OF CASING TO BE SEALED WITH FOAM SEALANT. CASING SHALL BE COLOR-CODED BLACK, WHITE, BLUE, OR BLUE STRIPED.
- SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED A MINIMUM OF 18" APART. TAPS ON SAME SIDE OF A PVC PIPE SECTION SHALL BE MIN. 10' APART
- 5. METER SHALL NOT BE PLACED IN SIDEWALK OR DRIVEWAY AREAS. WATER SERVICE LINES AND TAPS SHALL NOT BE PLACED UNDER DRIVEWAYS WHENEVER POSSIBLE AND IF REQUIRED, ONLY WITH PRIOR DEPARTMENT APPROVAL MAXIMUM SERVICE LENGTH IS 100' TO METER.
- BEDDING (MIN. 4") AND COVER (MIN. 4") OVER SERVICE LINE OR CASING SHALL CONSIST OF FINE GRANULAR MATERIAL. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED WITH 2" MAXIMUM SIZE. 8. METER/SERVICE WILL NOT BE INSTALLED/ACTIVATED UNTIL:
- A. ALL FORM BOARDS FOR DRIVEWAY AND/OR SIDEWALK MUST BE COMPLETELY INSTALLED OR THE DRIVEWAY AND/OR SIDEWALK MUST HAVE BEEN INSTALLED. 8. "MINIMUM UNOBSTRUCTED SPACE" AS SHOWN IN NOTE 2 AND ON THE PLAN VIEW IS PROVIDED WITH 12" MINIMUM VERTICAL SEPARATION
- THE REQUIRED BACKFLOW PREVENTION ASSEMBLY/DEVICE IS INSTALLED AND HAS PASSED INITIAL TEST.

  METER TO BE INSTALLED BY DEPARTMENT. THE PIPING BEYOND THE CONTROL VALVE TO BE INSTALLED BY THE DEVELOPER OR THE
- DEPARTMENT DEPENDING ON THE TYPE OF SERVICE INSTALLATION REQUIRED. 10. THE DEVELOPER/PROPERTY OWNER OR ASSIGNEE SHALL BE RESPONSIBLE FOR INSTALLATION OF SERVICES BEYOND PRESSURE TEST LIMITS AS
- SPECIFIED BY THE DEPARTMENT. 11. THREADED AREAS OF CORPORATION STOP AND OTHER FITTINGS SHALL BE SPIRAL WRAPPED WITH TWO (2) WRAPS OF TEFLON TAPE.
  12. METER BOXES IN NON-GRASS AREAS SHALL HAVE TRAFFIC RATED LIDS.
- 13. A 12" THICK COMPACTED 3/4" ROCK BASE IS REQUIRED FOR METER BOXES OUTSIDE OF GRASS AREA. THE BASE SHALL EXTEND MIN. 12"
- 14. STAINLESS STEEL INSERTS ARE REQUIRED FOR ALL COMPRESSION FITTINGS. 15. PVC SHALL BE SCHEDULE 40 PIPE WITH SCHEDULE 80 FITTINGS. ALL BRASS FITTINGS SHALL BE "LEAD FREE".

CITY of DELRAY BEACH POTABLE	T WATER CERVICE CINIOLE	DATE: 01-25-2021
PUBLIC WORKS DEPARTMENT 434 SOUTH SWINTON AVENUE, DELRAY BEACH, FLORIDA 33444	E WATER SERVICE SINGLE ER INSTALLATION DETAIL	PW 12.0



- 1. SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED A MINIMUM OF 18" ON CENTER.
- 2. SERVICE LINES SHALL NOT BE PLACED UNDER DRIVEWAYS.

3. ALL SERVICE LINES REQUIRE A LOCKING BRASS CURB STOP WITH LOCK

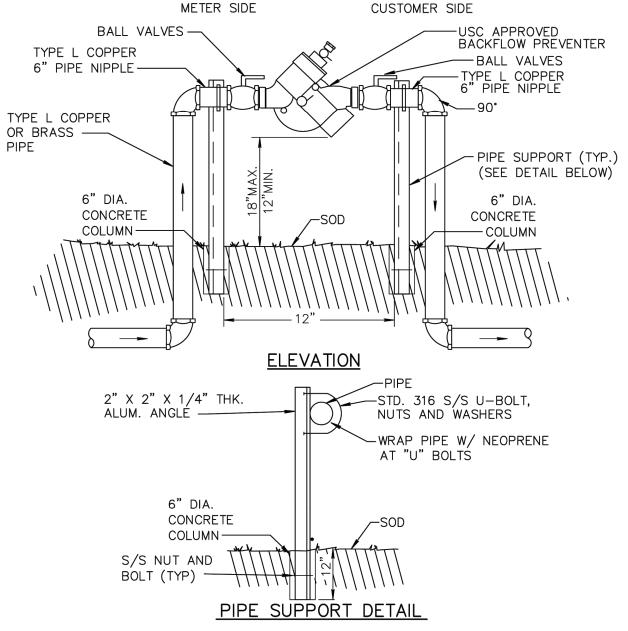
- WING (1"MIN.).
- 4. NO FITTINGS BETWEEN CORPORATION STOP AND BRANCH ASSEMBLY.
- 5. MAXIMUM SERVICE LENGTH IS 100' TO METER.
- 6. CASING PIPE I.D. SHALL BE SERVICE O.D. PLUS 1" MINIMUM.
- 7. MINIMUM BEND RADIUS ON SERVICES SHALL BE 14" ON ALL SERVICES BEHIND METER.
- 8. ALL VALVES TO BE BALL VALVES.

CITY of DELRAY BEACH

PUBLIC WORKS DEPARTMENT

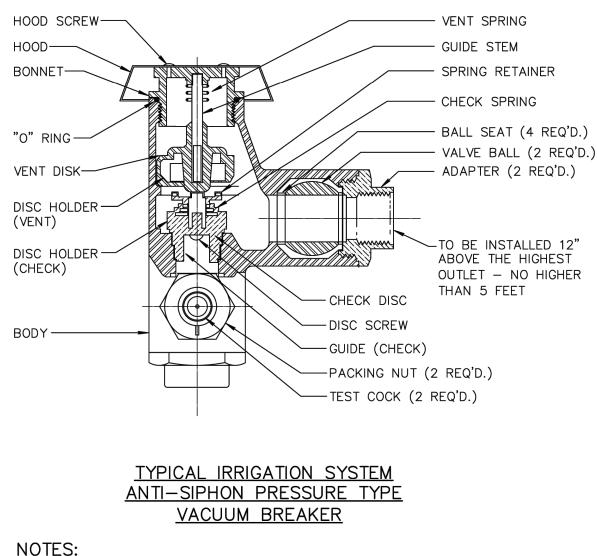
- 9. METER BOX SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR.
- 10. ALL EXISTING SERVICES TO BE FIELD VERIFIED BY BUILDER/ CONTRACTOR/DEVELOPER; IF EXISTING SERVICE IS GALVANIZED, BUILDER/CONTRACTOR/DEVELOPER SHALL REPLACE WITH POLYETHYLENE PIPING FROM MAIN TO METER.

TYPICAL FIRE SERVICE CONNECTION | PW 14.0



- 1. FOR ALL SERVICES LESS THAN OR EQUAL TO 2" DIA.
- 2. ABOVE GRADE PIPING SHALL BE BRASS OR TYPE "L" COPPER OR BRASS TUBING.
- 3. ALL COPPER JOINTS SHALL BE MADE WITH 95/5 SOLDER.
- 4. USC APPROVED RPZ BACKFLOW PREVENTER IS REQUIRED IN ACCORDANCE WITH CITY OF DELRAY BEACH CODE OF ORDINANCES TITLE V, CHAPTER 52.83.
- 5. USC APPROVED RPZ BACKFLOW PREVENTER IS REQUIRED FOR ALL COMMERCIAL PROPERTIES AND ALL RESIDENTIAL PROPERTIES WITH FIRE SPRINKLER SYSTEMS.



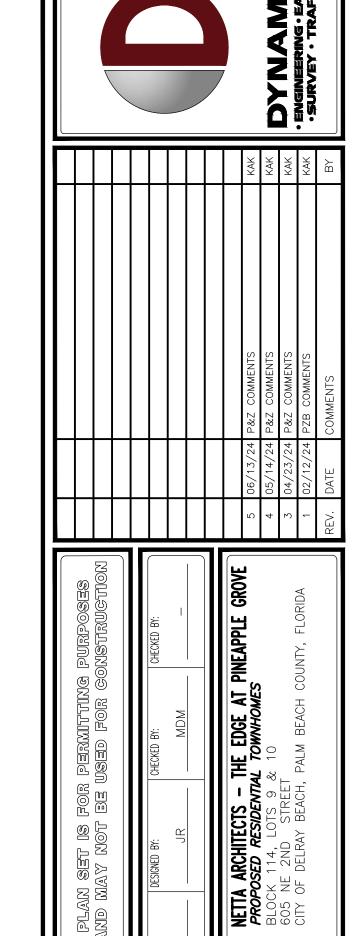


## NOTES:

- 1. WATTS REGULATOR COMPANY OR EQUIVALENT.
- 2. VALVE SHALL MEET OR EXCEED THE A.S.S.E., BS&A AND U.S.C.F. REQUIREMENTS.
- 3. SHALL ALSO BE LISTED BY IAPMO (UPC). 4. ABOVE GRADE PIPING SHALL BE SCHEDULE 40 PVC OR COPPER.



ANTI-SIPHON PRESSURE TYPE VACUUM BREAKER









OR STATE SPECIFIC DIRECT PHONE NUMBERS VI WWW.CALL811.COM

UTILITY DETAILS

10/01/2021 (V) SCALE PROJECT No: 2902-99-002

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