

PLUG

2.8

4.8

7.3

10.3

17.8

27.5

39.2

TAPPING NOTES:
INSTALLATION OF TAPPING SLEEVE AND VALVE AND INSERTION VALVE SHALL BE CONDUCTED UNDER "WET" CONDITIONS. EXISTING MAINS SHALL BE LEFT IN SERVICE AT ALL TIMES DURING TAPPING OR INSERTION.

2. CONCRETE THRUST BLOCK UNDER VALVES SHALL HAVE A SOIL BEARING AREA EQUAL TO THAT OF A 45° ELBOW 3. CLASS 52 D.I.P. MUELLER SLEEVE AND VALVE OR APPROVED EQUAL

THRUST BLOCK POURED AGAINST UNDISTURBED SOIL

INSERTION VALVE

NOTE:
PIPE BEDDING TO BE
IN ACCORDANCE WITH THE
LASTEST EDITION OF DESIGN
AND CONSTRUCTION OF SANITARY
AND STORM SEWERS, A.S.C.E.
MANUAL AND REPORTS ON ENGINEERING
BRACTICE NO. 37

**VERTICAL BEND RESTRAINTS** 

90, ETBOM

4.0

6.8

10.3

14.5

25.2

38.9

55.5

"A" - CONTACT BEARING AREA OF BLOCK WITH EARTH, IN SQUARE FEET

1. BEARING AREAS ARE BASED ON UNDISTURBED SOIL WITH A BEARING CAPACITY OF 2000 LBS. PER SQ. FT. FOR A LESSER SOIL BEARING

3. THRUST BLOCKS SHALL BE POURED AGAINST UNDISTURBED EARTH.

TABLE OF THRUST BLOCKS

**TAPPING VALVE AND SLEEVE ASSEMBLY** 

STORM SEWER BEDDING DETAIL

4. THE COST OF THRUST BLOCKS SHALL BE INCLUDED IN THE PRICE BID FOR WATER MAINS.

CAPACITY, THESE AREAS SHALL BE INCREASED ACCORDINGLY.

22 1/2 ELBOW 45 ELBOW

1.1

2.8

4.0

7.0

10.7

15.3

5. TEST PRESSURE = 150 P.S.I.

THRUST BLOCK POURED AGAINST UNDISTURBED SOIL

COMPACTED GRADE

2.1

5.6

7.9

13.6

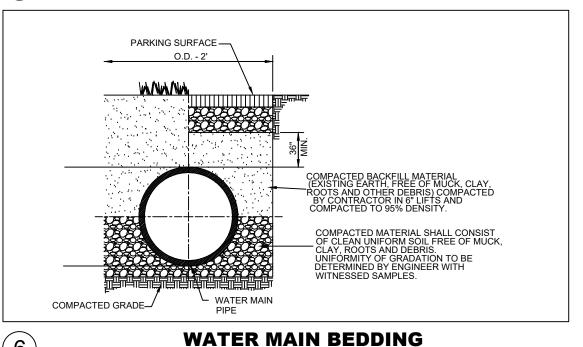
21.0

30.0

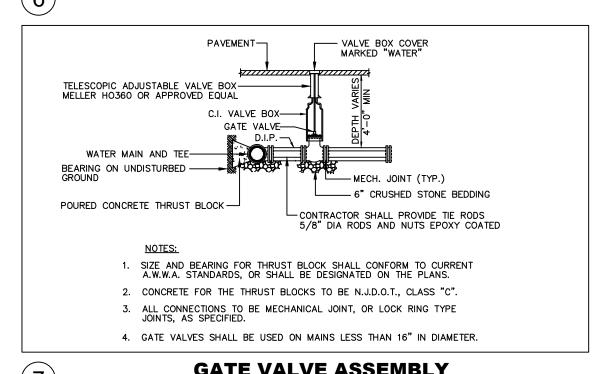
2. ALL CONCRETE THRUST BLOCKS SHALL BE CLASS "C".

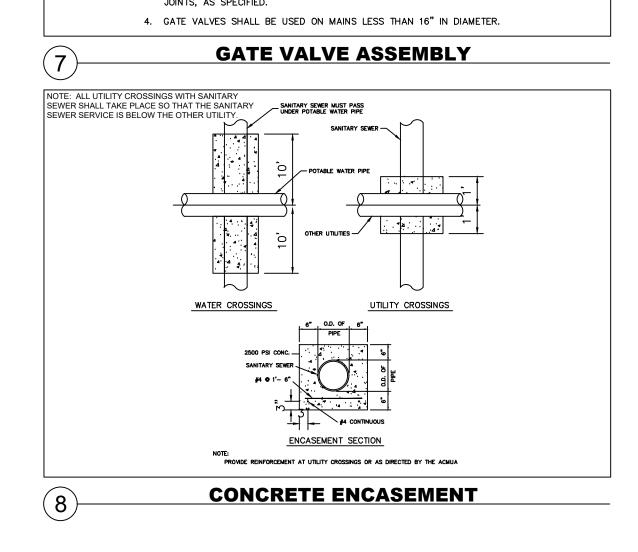
ELEVATION TO BE TAPPED

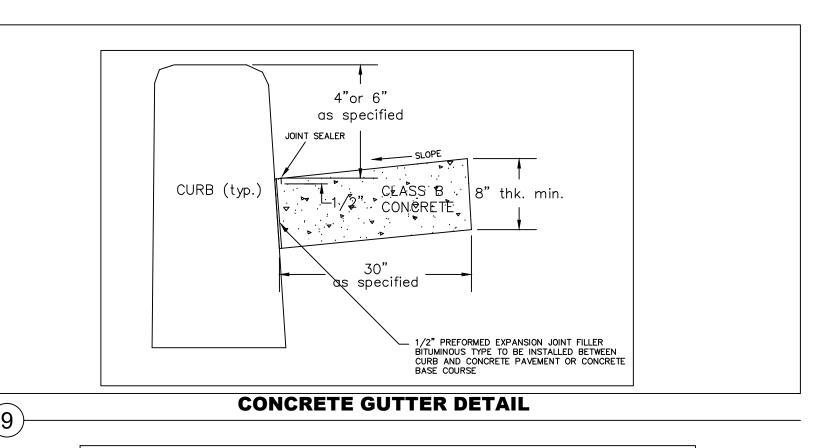
DIAMETER

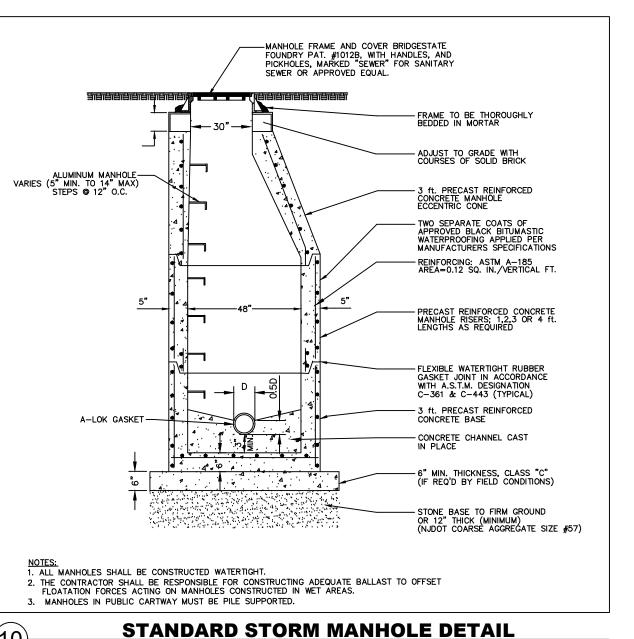


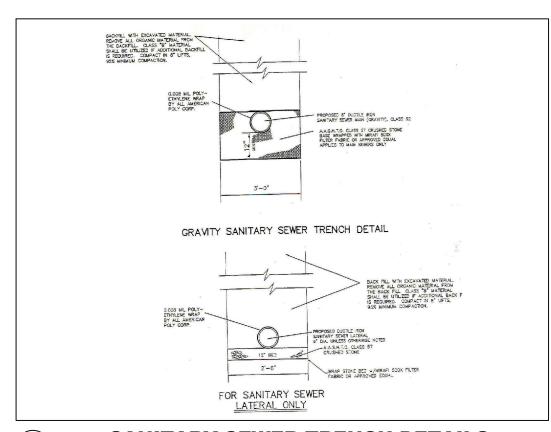
- "A" = DISTANCE FROM CENTER OF JOINT TO FLANGE



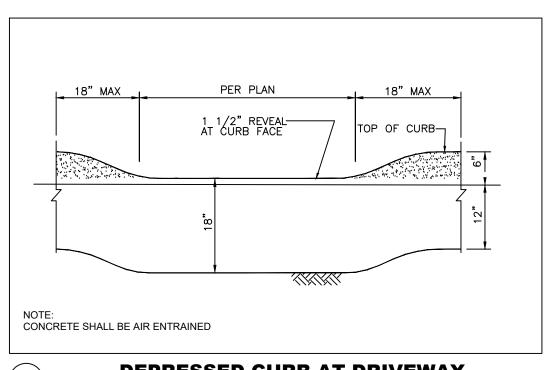




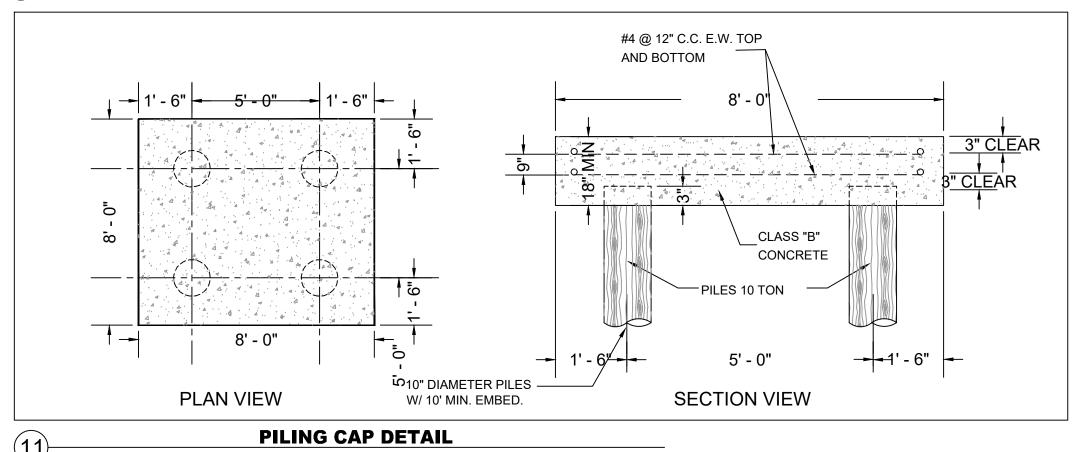


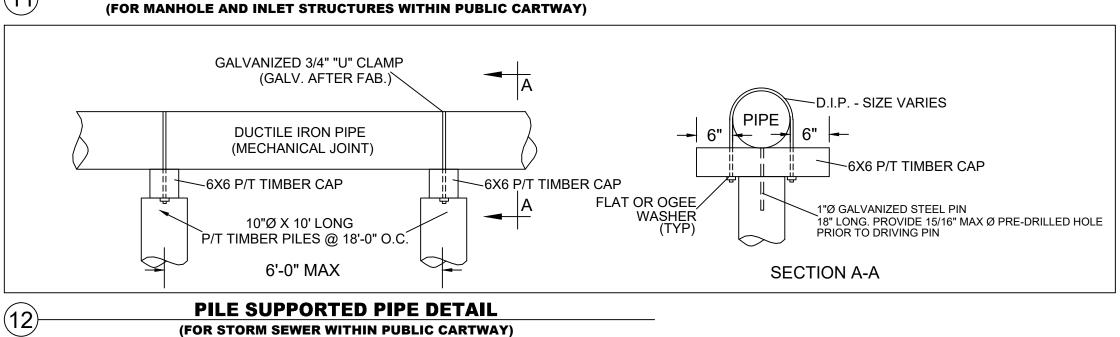


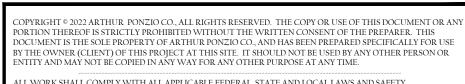
**SANITARY SEWER TRENCH DETAILS** 



**DEPRESSED CURB AT DRIVEWAY** 



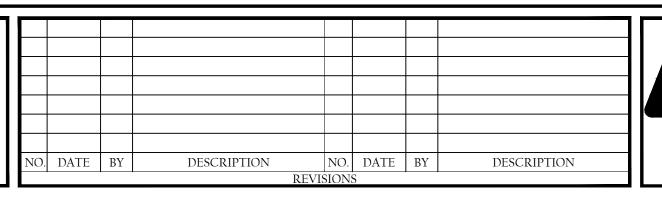




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400 NORTH DOVER AVENUE, ATLANTIC CITY, N. J. 08401 PHONE: 609-344-8194 FAX: 609-344-1594 NEW JERSEY STATE AUTH. NO.: 24GA28001300

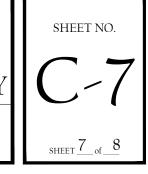


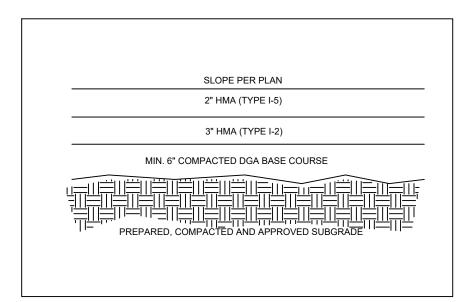


SITE DETAILS-1 BLOCK 289 & 290

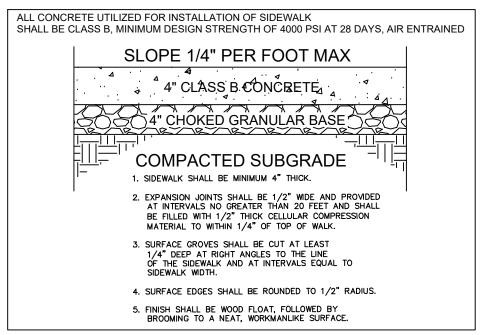
LOT (289) 1,9,12,14 & (290) 2, 3, 4, NEW JERSEY

BY: JJB SCALE: NO SCALE DATE: 08-18-22 PROJ. NO.: 40008

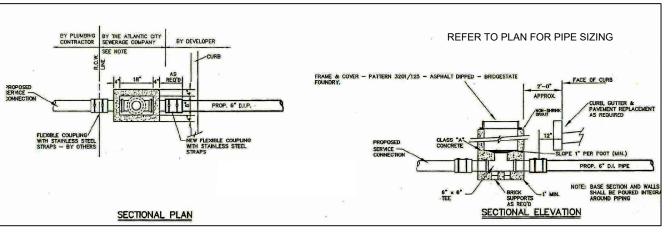




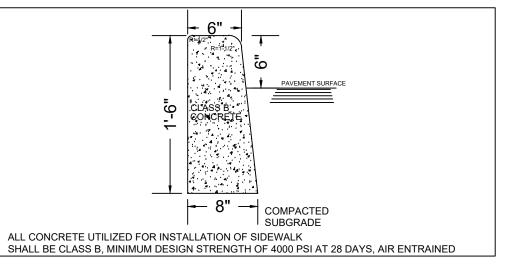
ON-SITE ASPHALT PAVEMENT



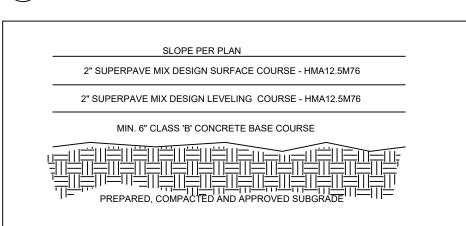
SIDEWALK DETAIL



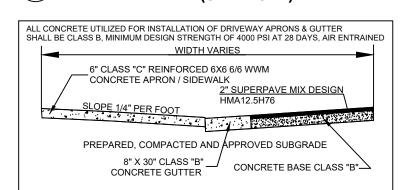
3 SANITARY SERVICE BOX DETAIL



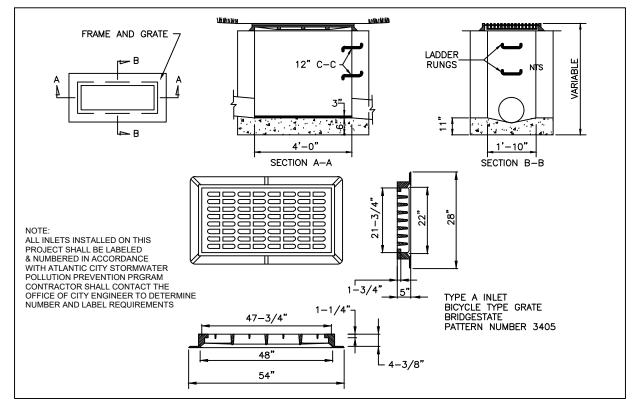
CONCRETE CURB DETAIL (ON-SITE)



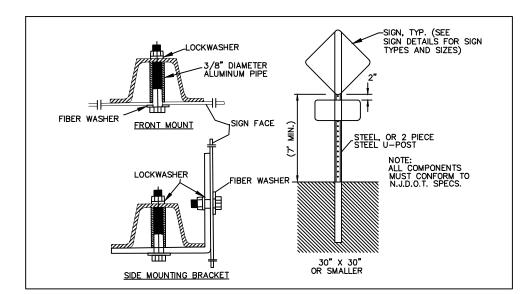
5 ASPHALT PAVING DETAIL (CITY R.O.W.)



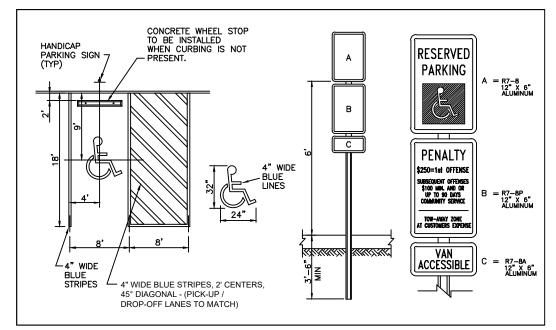
6 SECTION THROUGH ROADWAY (INCLUDING CONCRETE GUTTER)



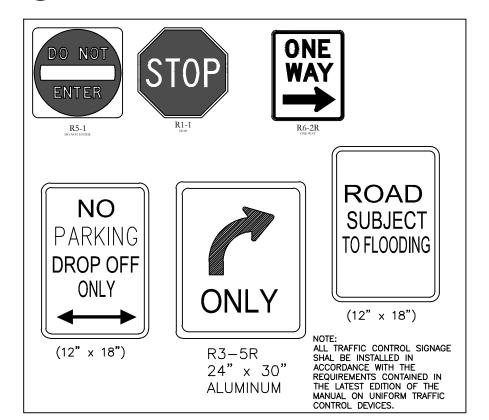
7 TYPE 'A' INLET DETAIL



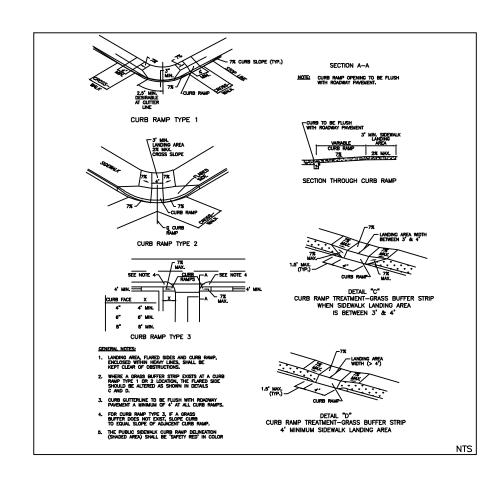
8 SIGN MOUNTING DETAILS

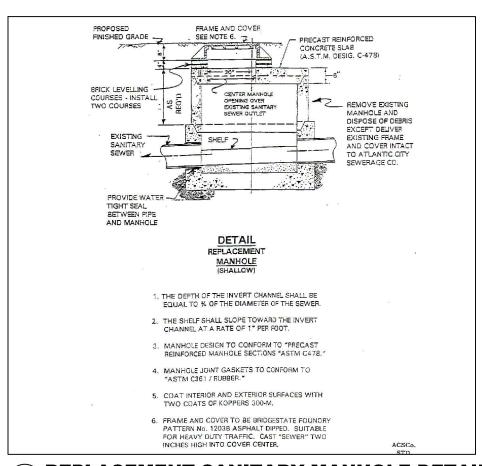


9 HANDICAPPED PARKING DETAIL

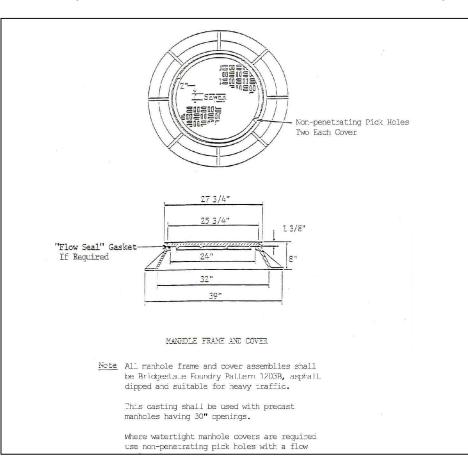


10 TRAFFIC SIGNS (IF REQUIRED)

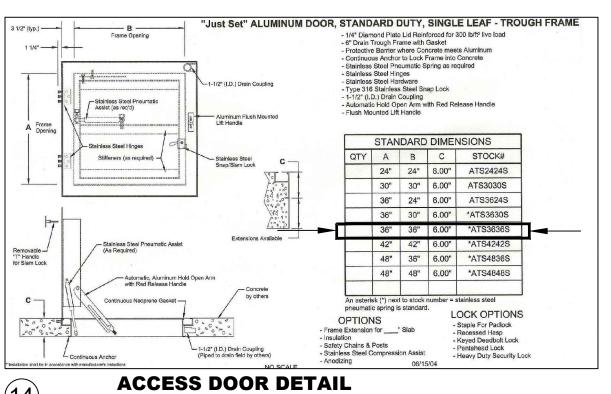




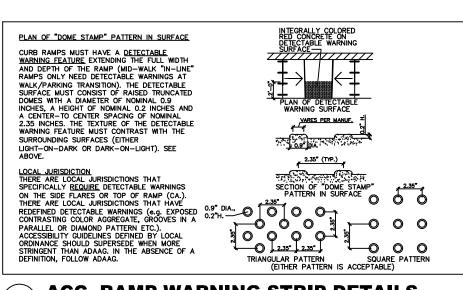
12 REPLACEMENT SANITARY MANHOLE DETAIL
(IF REQUIRED BY ACSCO DUE TO FIELD CONDITIONS)



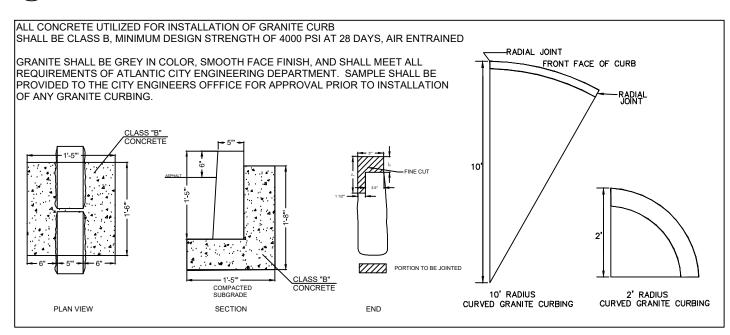
SANITARY MANHOLE COVER DETAIL



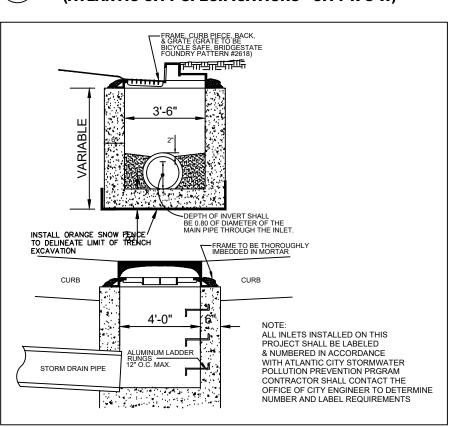
(14) ACCESS DOOR DETAIL (DUAL FUNCTION METER PIT)



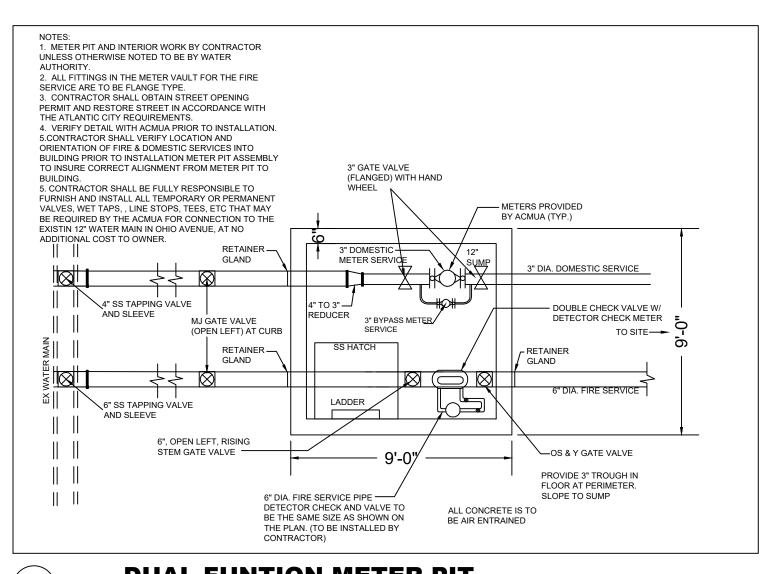
15 ACC. RAMP WARNING STRIP DETAILS



16 GRANITE CURBING
(ATLANTIC CITY SPECIFICATIONS - CITY R-O-W)



TYPE 'B' INLET



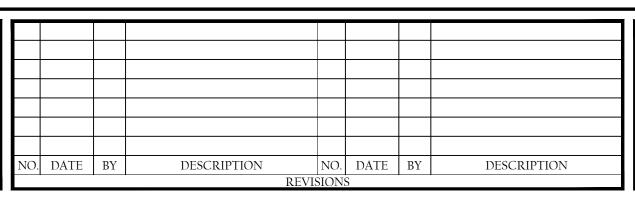
DUAL FUNTION METER PIT

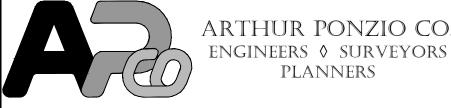
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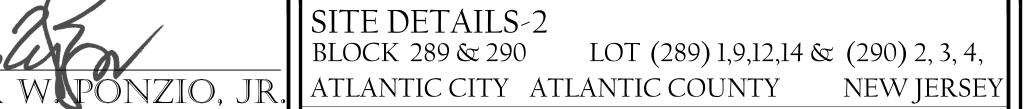




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 SCALE:
 NO SCALE
 BY: JJB

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 08-18-22
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