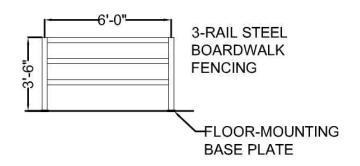
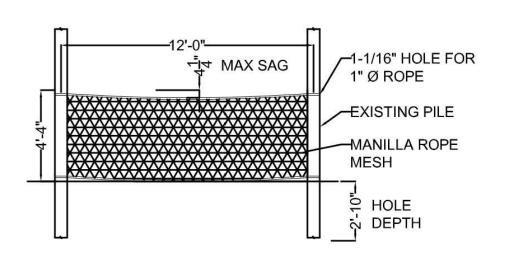


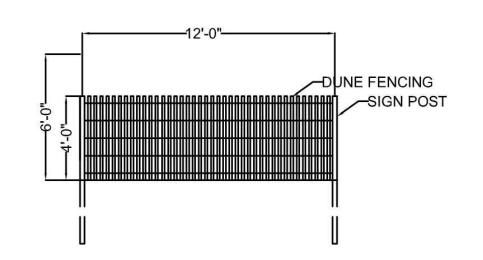
# ROPE RAIL DETAIL



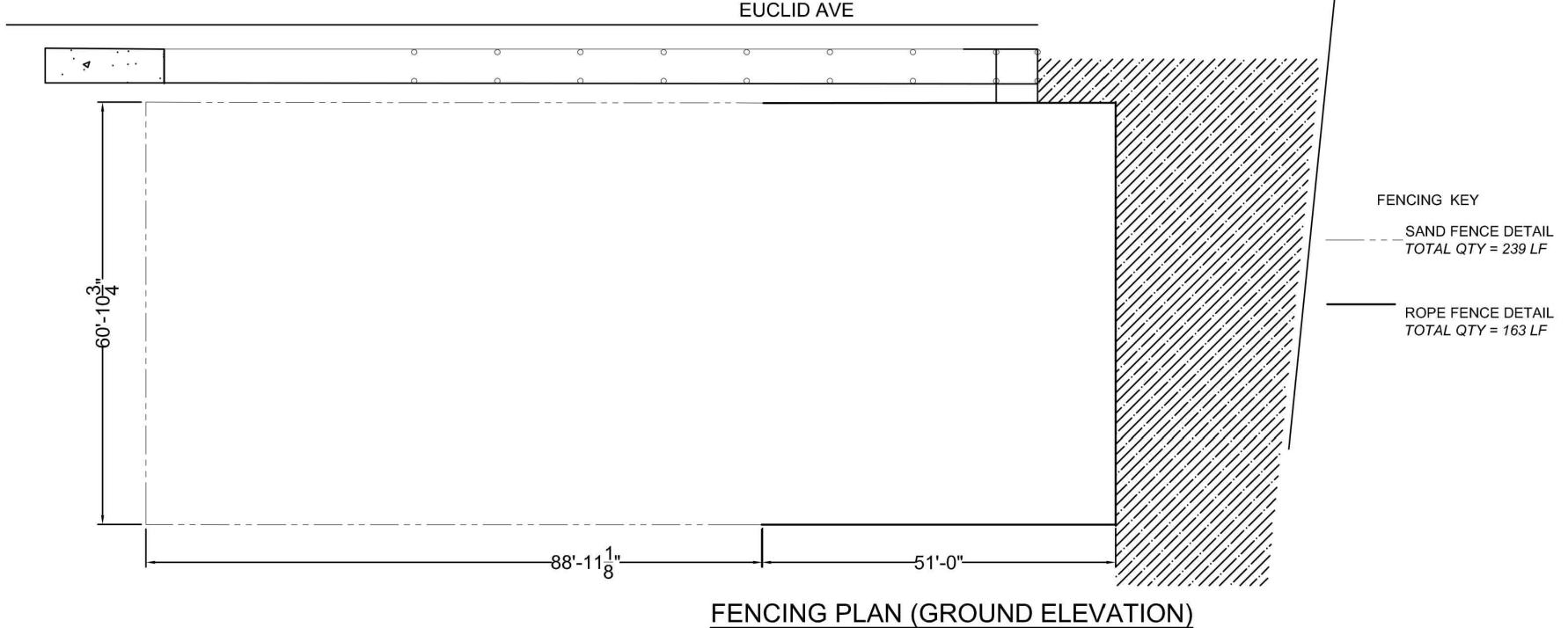
## STEEL RAIL DETAIL



### ROPE FENCE DETAIL



SAND FENCE DETAIL



GRAPHIC SCALE IN FEET

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NO. DATE BY NO. DATE BY DESCRIPTION

ARTHUR W. PONZIO CO. & ASSOCIATES, INC. SURVEYORS, PLANNERS, ENGINEERS

400 NORTH DOVER AVENUE, ATLANTIC CITY, N. J. 08401 PHONE: 609-344-8194 FAX: 609-344-1594 PROFESSIONAL ENGINEER N.J. NO. GE48387 NEW JERSEY STATE AUTH. NO.: 24GA28001300

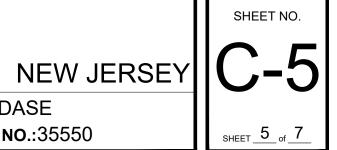
THOMAS A. DASE

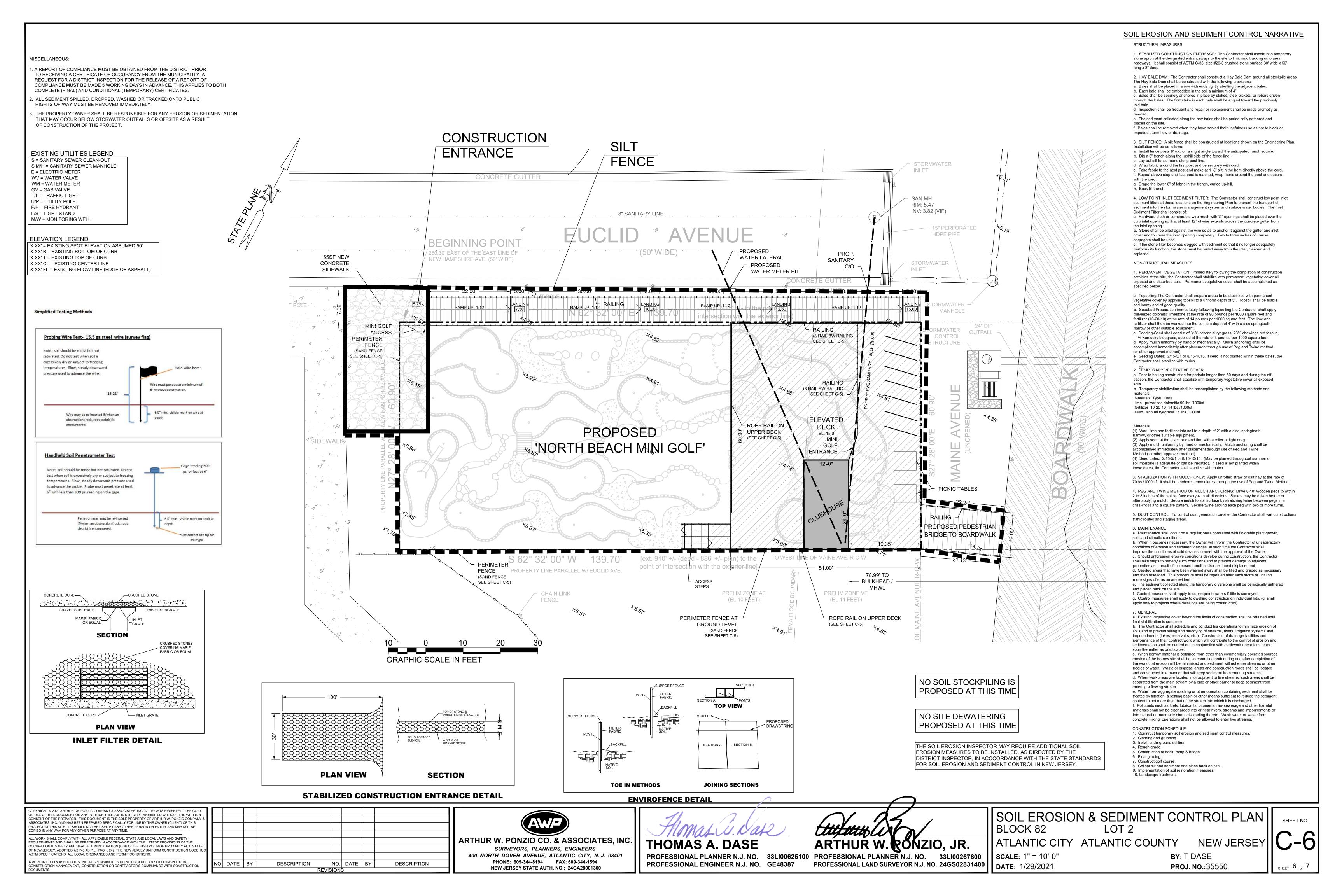
PROFESSIONAL PLANNER N.J. NO. 33LI00625100 PROFESSIONAL PLANNER N.J. NO. 33LI00267600 SCALE: 1" = 10'-0" PROFESSIONAL LAND SURVEYOR N.J. NO. 24GS02831400 DATE: 1/29/2021

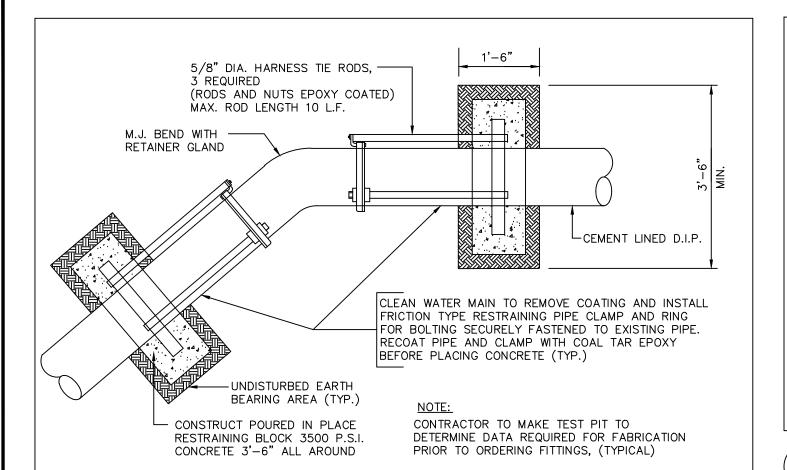
FENCING PLAN BLOCK 82

LOT 2 ATLANTIC CITY ATLANTIC COUNTY

BY: T DASE **PROJ. NO**.:35550







NUMBER AND SIZE OF RODS REQUIRED AND PIPE LENGTH IN FEET * TO BE RESTRAINED											
PIPE SIZE IN INCHES	90° TEE OR DEAD END PLUG			45° 2			22 1/2°				
	No.	SIZE	LENGTH	No.	SIZE	LENGTH	No.	SIZE	LENGTH		
4	2	3/4"	30'	2	3/4"	10'	2	3/4"	5'		
6	2	3/4"	40'	2	3/4"	10'	2	3/4"	5'		
8	2 OR 4	3/4" OR 7/8"	50'	2	3/4"	15'	2	3/4"	5'		
10	2 OR 4	3/4" OR 1"	60'	2	3/4"	20'	2	3/4"	5'		
12	4	7/8"	70'	2	3/4"	20'	2	3/4"	5'		
14	4	1"	80'	2	3/4"	25'	2	3/4"	5'		
16	4	1"	80'	2	3/4"	25'	2	3/4"	5'		

\* LENGTH OF PIPE TO BE RESTRAINED IS FOR EACH SIDE OF BEND

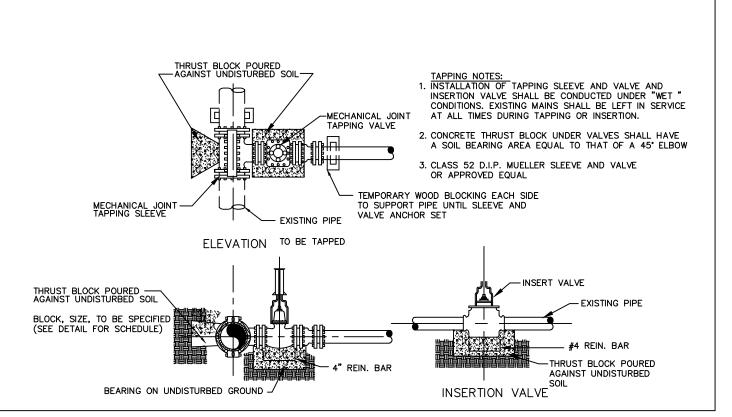
#### **VERTICAL BEND RESTRAINTS**

22 1/2° ELBOW		45° ELBOW	90° ELBOW	TEE	PLUG	
DIAMETER OF PIPE ( d )	22 1/2°	d 45°	90°	d	d   "A"	
	"A"	"A"	"A"	"A"	"A"	
6"	1.1	2.1	4.0	2.	8	
8"	1.9	3.7	6.8	4.8		
10"	2.8	5.6	10.3	7.3		
12"	4.0	7.9	14.5	10.3		
16"	7.0	13.6	25.2	17.8		
20"	10.7 21.0		38.9	27.5		
24"	15.3	30.0	55.5	39.2		

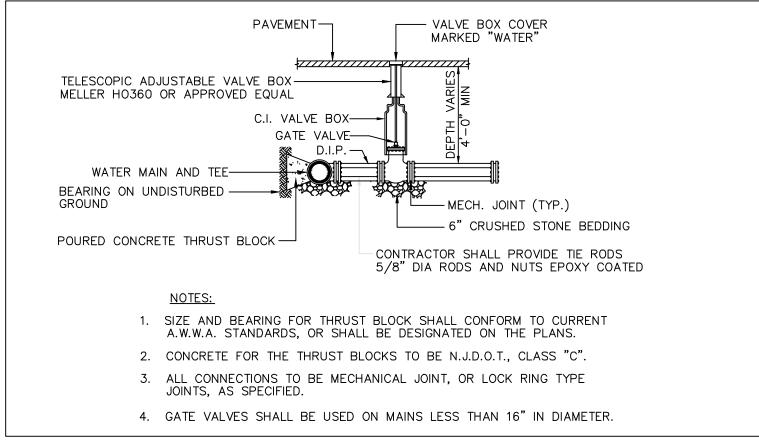
"A" - CONTACT BEARING AREA OF BLOCK WITH EARTH, IN SQUARE FEET

- 1. BEARING AREAS ARE BASED ON UNDISTURBED SOIL WITH A BEARING CAPACITY OF 2000 LBS. PER SQ. FT. FOR A LESSER SOIL BEARING CAPACITY, THESE AREAS SHALL BE INCREASED ACCORDINGLY.
- 2. ALL CONCRETE THRUST BLOCKS SHALL BE CLASS "C".
- 3. THRUST BLOCKS SHALL BE POURED AGAINST UNDISTURBED EARTH.
- 4. THE COST OF THRUST BLOCKS SHALL BE INCLUDED IN THE PRICE BID FOR WATER MAINS.
- 5. TEST PRESSURE = 150 P.S.I.

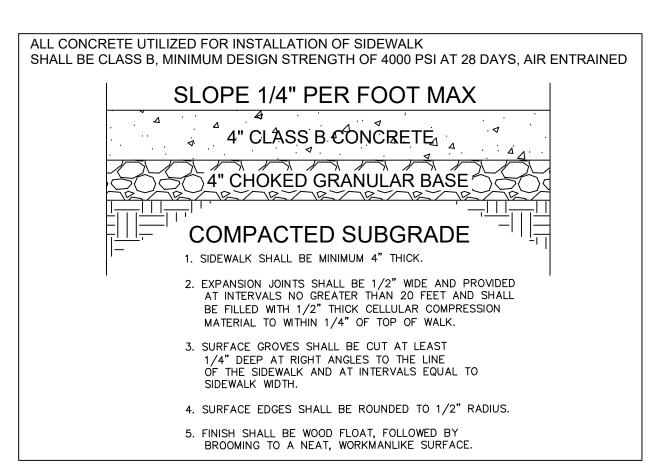
#### **TABLE OF THRUST BLOCKS**



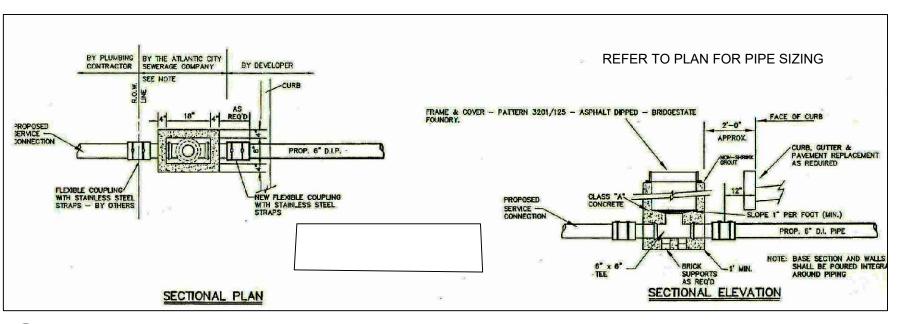
TAPPING VALVE AND SLEEVE ASSEMBLY



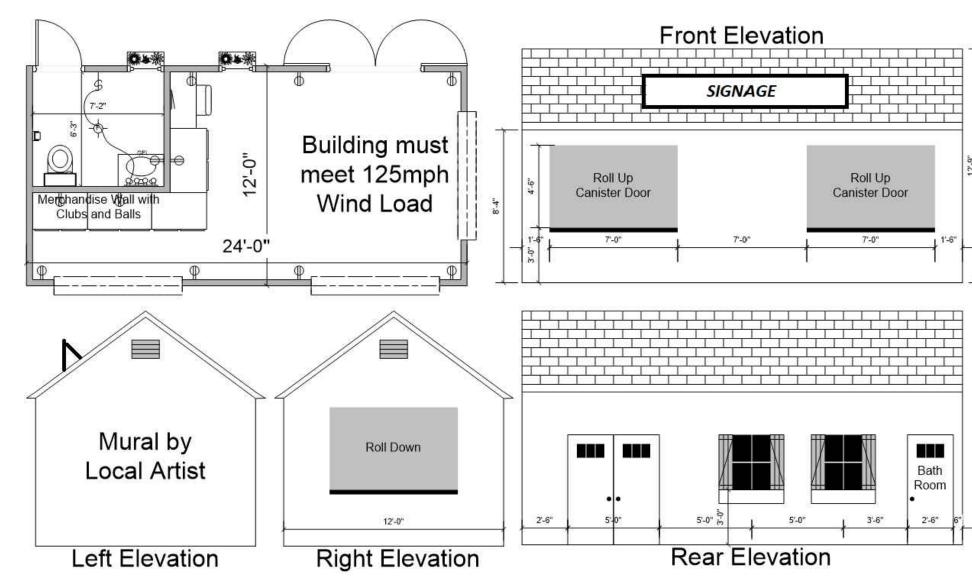
**GATE VALVE ASSEMBLY** 



SIDEWALK DETAIL



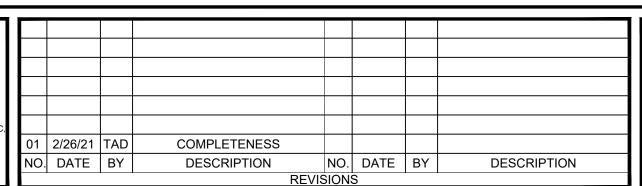
SANITARY SERVICE BOX DETAIL



**BUILDING & SIGNAGE SCHEMATIC** 

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| ENGINEERING DETAILS BLOCK 82 LOT 2

ATLANTIC CITY ATLANTIC COUNTY NEW JERSEY BY: T DASE

PROJ. NO.:35550

