

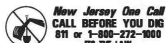
[illegible]

LIST OF UTILITIES AND EMERGENCY CONTACT INFORMATION	
FIRE DEPARTMENT:	CAMDEN CITY FIRE DEPARTMENT SQUAD 7 115 KAGAN AVENUE CAMDEN, NJ 08103 856-757-7548
POLICE DEPARTMENT:	CAMDEN COUNTY POLICE DEPARTMENT 800 FEDERAL STREET CAMDEN, NJ 08103 856-757-7400
PUBLIC WORKS:	CAMDEN CITY DEPARTMENT OF PUBLIC WORKS KETH L. WALKER, DIRECTOR 101 NEWTON AVENUE CAMDEN, NJ 08102 856-757-7034
SEWER:	CAMDEN WATER LLC, 105 S. 17TH STREET CAMDEN, NJ 08105 609-636-1284
WATER:	AMERICAN WATER 1 WATER ST. CAMDEN, NJ 08102 856-955-4001
ELECTRIC:	PUBLIC SERVICE ELECTRIC COMPANY ELECTRIC T&D 305 NEWBALANCE ROAD MOORESTOWN, NJ 08057 856-673-2077
CABLE:	COMCAST CABLE 1250 HAZENOWLE-BIERLIN ROAD CHERRY HILL, NJ 08034 856-394-1860
GAS:	PE&G 300 CONNECTICUT DRIVE BURLINGTON, NJ 08006 609-776-6778
TELEPHONE:	TRANS-CONTINENTAL CABLE ROUTE UNDERGROUND LOCATION SERVICE NEW JERSEY UTILITIES ASSOCIATION 609-252-1133



PROJECT LOCATION MAP
2500 S BROADWAY , CAMDEN, NJ

SHEET INDEX	
SHEET #	DESCRIPTION
T-1	TITLE SHEET
G-1	GENERAL NOTES
G-2	LEGEND
C-1-0	EXISTING SITE PLAN OVERALL - NORTH BROADWAY (N.L.C.)
C-1-1.1-7	EXISTING SITE PLAN ENLARGED- NORTH BROADWAY (N.L.C.)
C-2-0	EXISTING SITE PLAN OVERALL - PIER 5
C-2-1-2-2	EXISTING SITE PLAN - PIER 5
C-3-0	PROPOSED OVERALL SITE PLAN AND SESC NORTH BROADWAY (N.L.C.)
C-3-1-3-7	PROPOSED ENLARGED SITE PLAN AND SESC NORTH BROADWAY (N.L.C.)
C-4-1	PROFILE A (N.L.C.)
C-4-1	PROFILE B (N.L.C.)
C-4-2	PROFILE C (N.L.C.)
C-4-3	PROFILE D (N.L.C.)
C-4-4	PROFILE E (N.L.C.)
C-5-0	PROPOSED OVERALL SITE PLAN AND SESC PIER 5
C-5-1-C-5-2	PROPOSED ENLARGED SITE PLAN AND SESC PIER 5
C-6-0	PROFILE PIER 5
SESC-1	SOIL EROSION AND SEDIMENT CONTROL DETAILS
EV-1	ENVIRONMENTAL
D-1	DETAILS



IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT NJ ONE CALL PRIOR TO THE START OF CONSTRUCTION. CALL FOR MARKOUTS THREE (3) FULL BUSINESS DAYS IN ADVANCE AND BEGIN EXCAVATION WITHIN 10 DAYS. ALL CONTRACTORS ON-SITE MUST HAVE THEIR OWN MARKOUT.

CAMDEN COUNTY, NEW JERSEY

NOVEMBER 2024

STANDARD LEGEND

NOTE: ALL SYMBOLS MAY NOT BE USED

STANDARD LEGEND

NOTE: ALL SYMBOLS MAY NOT BE USED

ITEM	DESCRIPTION	EXISTING	PROPOSED	ITEM	DESCRIPTION	EXISTING	PROPOSED	ITEM	DESCRIPTION	EXISTING	PROPOSED
UTILITIES	OVERHEAD WIRE	---	---	SURVEY	BENCHMARK LOCATION	⊙		SITE & ROADWORK	EDGE OF PAVEMENT	---	---
	SANITARY FORCE MAIN PIPE	---	---		CURB	---	---				
	STORM SEWER PIPE ≤ 12"	---	---		AERIAL TARGET	+	■ (SET)		PAVEMENT / CONC / SIDEWALK	---	---
	GAS SERVICE	---	---		CONCRETE MONUMENT	⊙	• (SET)		CONCRETE SIDEWALK	---	---
	SANITARY SEWER PIPE ≤ 12"	---	---		PK / MAG NAIL / DRILL HOLE / SPIKE	+			PAVEMENT, FULL DEPTH RESTORATION	---	---
	SANITARY SEWER PIPE > 12"	---	---		DRILL HOLE W/ WINGS	+			PAVEMENT MILLING	---	---
	ELECTRIC SERVICE	---	---		STAKE	Δ	▲ (SET)		DRIVEWAY RESTORATION, ASPHALT	---	---
	FIBER OPTIC SERVICE	---	---		HUB	Δ	▲ (SET)		DRIVEWAY RESTORATION, BRICK	---	---
	TELEPHONE SERVICE	---	---		PIN W/ CAP	•	• (SET)		DRIVEWAY RESTORATION, CONCRETE	---	---
	COMMUNICATIONS SERVICE	---	---		IRON PIN	•	• (SET)		DRIVEWAY RESTORATION, STONE	---	---
	IRRIGATION PIPE	---	---		CROSS CUT	⊙	■ (SET)				
	FIRE SERVICE	---	---		DISK	⊙					
	WATER SERVICE	---	---		STONE	⊙					
	WATER SHUT-OFF	⊙	⊙ NEW ⊙ RESET		REBAR	•					
	WATER METER	⊙	⊙ NEW ⊙ RESET		BASLINE	---	---				
	WATER VALVE	⊙	⊙ NEW ⊙ RESET		CENTERLINE	---	---				
	WATER HYDRANT	⊙	⊙ NEW ⊙ RESET		EASEMENT	---	---				
	WELL	⊙	⊙ NEW ⊙ RESET		RIGHT-OF-WAY	---	---				
	YARD HYDRANT	⊙	⊙ NEW ⊙ RESET		PROPERTY BOUNDARY	---	---				
	METER PIT	⊙	⊙ NEW ⊙ RESET		ADJACENT PROPERTY BOUNDARY	---	---				
	GAS SHUT-OFF	⊙	⊙ NEW ⊙ RESET		RAILROAD TRACKS	---	---				
	GAS METER	⊙	⊙ NEW ⊙ RESET		STATE BOUNDARY	---	---				
	GAS VALVE	⊙	⊙ NEW ⊙ RESET	MUNICIPAL / COUNTY BOUNDARY	---	---					
	GAS LINE MARKER	⊙	⊙ NEW ⊙ RESET	ENVIRONMENTAL	BORING LOCATION	⊙	⊙ NEW ⊙ RESET	ABBREVIATIONS	DEPT. OF TRANSPORTATION MANHOLE	⊙	⊙ NEW ⊙ RESET
	CLEANOUT	⊙	⊙ NEW ⊙ RESET		MONITORING WELL LOCATION	⊙	⊙ NEW ⊙ RESET		STATE HIGHWAY DEPARTMENT	⊙	⊙ NEW ⊙ RESET
	SEWER VENT	⊙	⊙ NEW ⊙ RESET		TEST PIT LOCATION	⊙	⊙ NEW ⊙ RESET		RAILROAD CROSSING BEACON	⊙	⊙ NEW ⊙ RESET
	INLET TYPE A	⊙	⊙ NEW ⊙ RESET		FRESHWATER WETLAND FLAG	⊙	⊙ NEW ⊙ RESET		CALL BOX	⊙	⊙ NEW ⊙ RESET
INLET TYPE B	⊙	⊙ NEW ⊙ RESET	FRESHWATER WETLAND LINE		---	---	OIL FILL		⊙	⊙ NEW ⊙ RESET	
LANDSCAPING	INLET TYPE C	⊙	⊙ NEW ⊙ RESET	LANDSCAPING	EDGE OF WATER	---	---	DRAWING NOMENCLATURE REPRESENTATION	UNDERGROUND STORAGE TANK LID	⊙	⊙ NEW ⊙ RESET
	AREA DRAIN	⊙	⊙ NEW ⊙ RESET		STREAM CENTERLINE	---	---		RIBBER PIPE	⊙	⊙ NEW ⊙ RESET
	MANHOLES	⊙	⊙ NEW ⊙ RESET		GRASS/SED	---	---		RAISED PAVEMENT MARKER	⊙	⊙ NEW ⊙ RESET
	HEADWALL	⊙	⊙ NEW ⊙ RESET		DECIDUOUS TREE	⊙	⊙ NEW ⊙ RESET		TYPICAL NORTH ARROW	⊙	⊙ NEW ⊙ RESET
	HEADWALL W/ WINGS	⊙	⊙ NEW ⊙ RESET		SHRUBS / BUSH	⊙	⊙ NEW ⊙ RESET				
	IRRIGATION CONTROL VALVE	⊙	⊙ NEW ⊙ RESET	EVERGREENS	⊙	⊙ NEW ⊙ RESET					
	IRRIGATION BOX	⊙	⊙ NEW ⊙ RESET	STUMP	⊙	⊙ NEW ⊙ RESET					
	IRRIGATION CONTROL BOX	⊙	⊙ NEW ⊙ RESET	WOODS / TREE LINE	---	---					
	SPRINKLER HEAD	⊙	⊙ NEW ⊙ RESET	WIRE FENCE	---	---					
	UNKNOWN VALVE	⊙	⊙ NEW ⊙ RESET	SPLIT RAIL FENCE	---	---					
	COMMUNICATIONS PEDESTAL	⊙	⊙ NEW ⊙ RESET	WOOD / VINYL FENCE	---	---					
	TELEPHONE PEDESTAL	⊙	⊙ NEW ⊙ RESET	CHAIN-LINK FENCE	---	---					
	TELEPHONE LINE MARKER	⊙	⊙ NEW ⊙ RESET	TOP OF BANK / DITCH	---	---					
	ELEC. BOX	⊙	⊙ NEW ⊙ RESET	BOTTOM OF BANK / DITCH	---	---					
	ELEC. METER	⊙	⊙ NEW ⊙ RESET	CONTOUR (MAJOR)	---	---					
	ELEC. TRANSFORMER PAD	⊙	⊙ NEW ⊙ RESET	CONTOUR (MINOR)	---	---					
	ELEC. VAULT	⊙	⊙ NEW ⊙ RESET	FLOW LINE / SWALE	---	---					
	ELEC. LINE MARKER	⊙	⊙ NEW ⊙ RESET	TIME OF CONCENTRATION	---	---					
	UTILITY POLE	⊙	⊙ NEW ⊙ RESET	SPOT GRADE	---	---					
	GLY ANCHOR	⊙	⊙ NEW ⊙ RESET	ROADWAY GRADE	---	---					
	ELEC. OUTLET	⊙	⊙ NEW ⊙ RESET	DRAINAGE FLOW	---	---					
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RVE
1901
REMINGTON & VERNICK ENGINEERS
2059 SPRINGSIDE ROAD
CHERRY HILL, NJ 08003
(609) 795-8995 FAX (609) 795-1883
WEB SITE ADDRESS: WWW.RVE.COM
Certification of Professional Engineer: 24 Jan 2000/0001
-MEMBERING: CIVIL, ELECTRICAL-

DATE: 11/11/2011
STEPHANIE A. CUTHBERT
NJ PROFESSIONAL ENGINEER (C-20 4215)

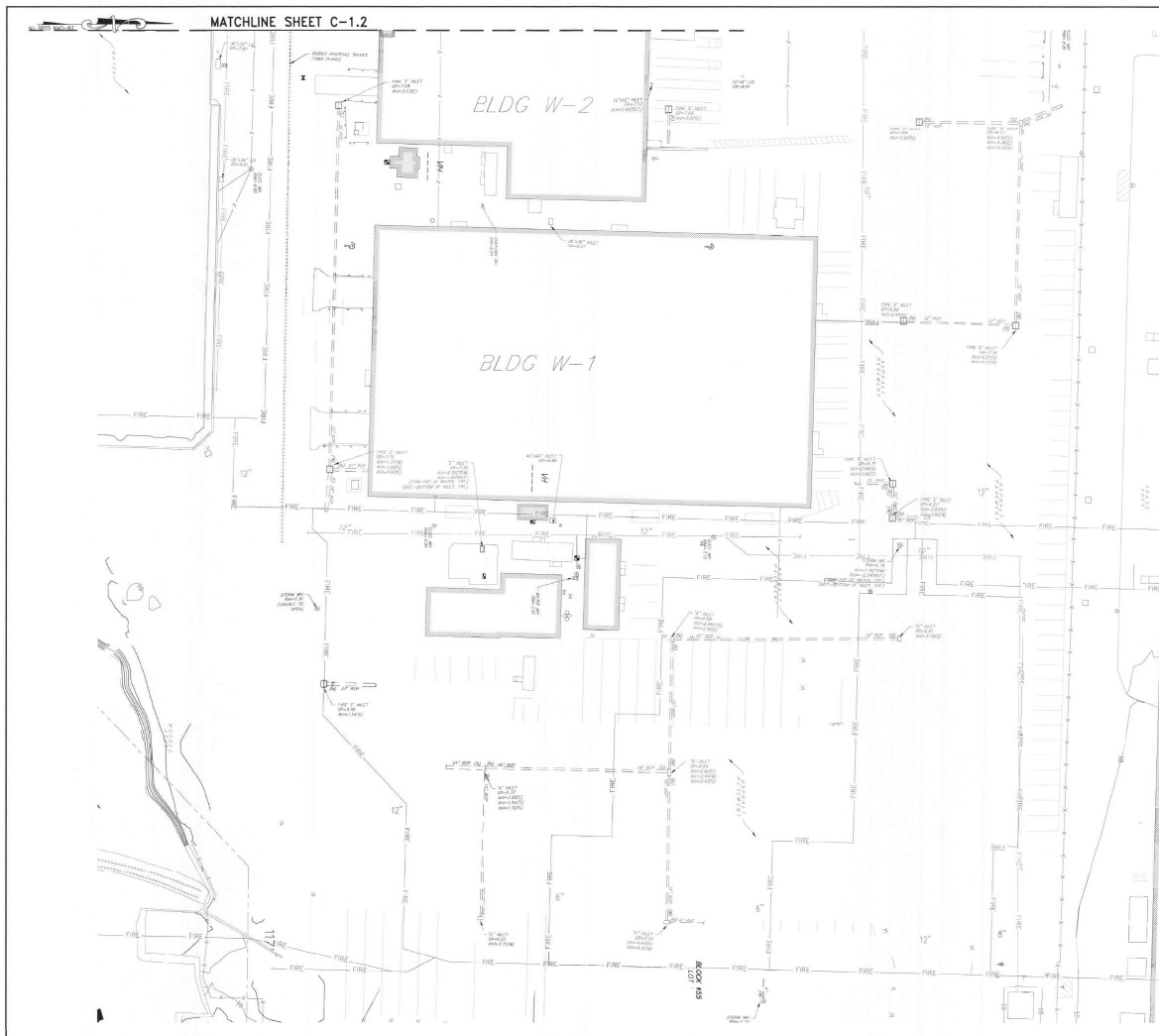
PLANS WHICH DO NOT BEAR
THE RVE PROFESSIONAL SEAL

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NO.	REVISION	DATE	BY

EXISTING SITE PLAN OVERALL

COUNTY: BURLINGTON COUNTY
PROJECT: BROADWAY TERMINAL WATER FIRE MAIN REPLACEMENT
SHEET NO.: C-20
SHEET TOTAL: 1 OF 1
DATE: 11/11/2011
BY: S.A. CUTHBERT



DATE: August 2014
STEPHANIE A. CUTHBERT
NJ PROFESSIONAL ENGINEER LIC. No. 42136

PLANS WHICH DO NOT REAR

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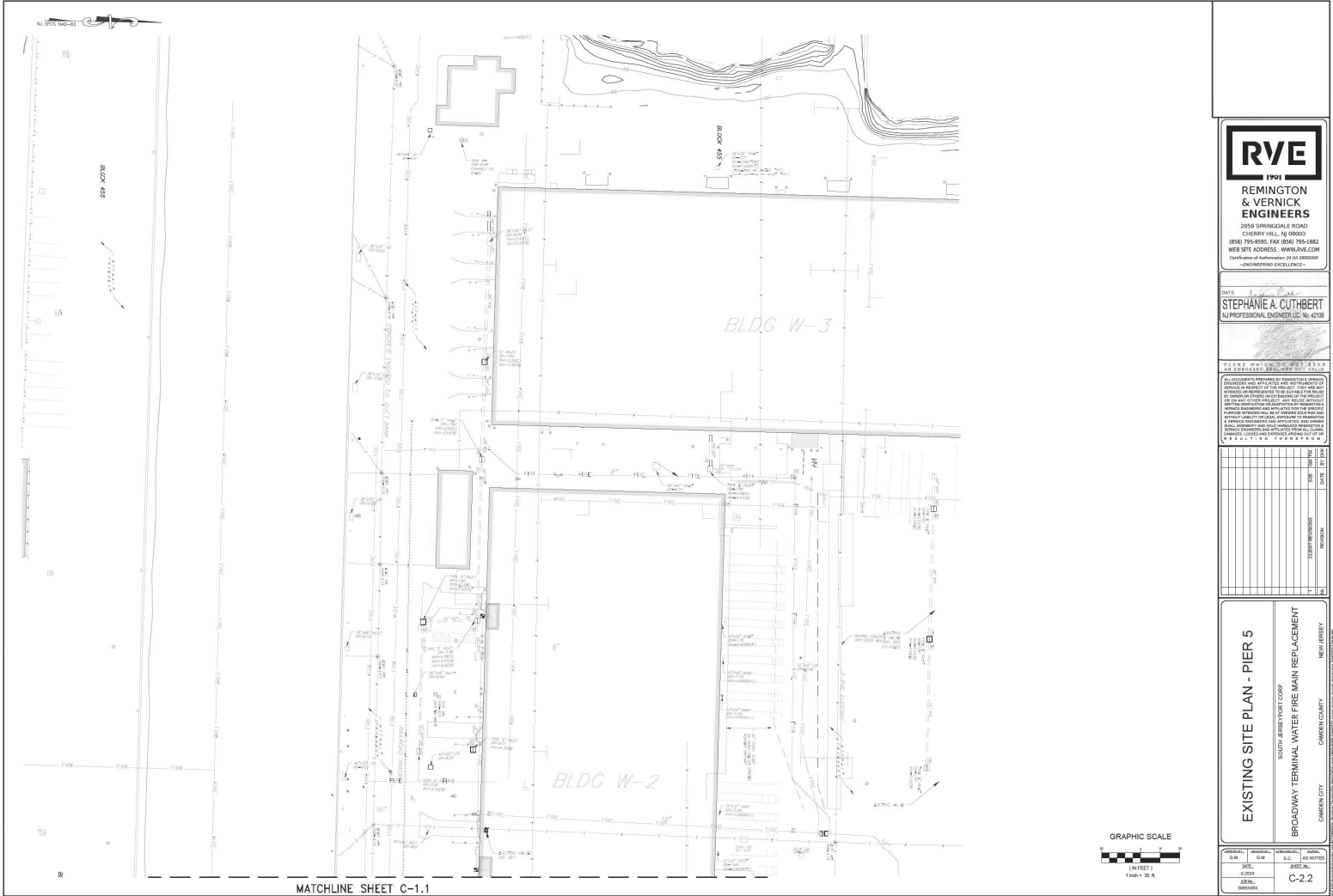
EXISTING SITE PLAN ENLARGED

BROADWAY TERMINAL WATER FIRE MAIN REPLACEMENT

SOUTH JERSEY PORT CORP

CAMDEN CITY CAMDEN COUNTY NEW JERSEY

DESIGNED BY G.M.	CHECKED BY G.M.	APPROVED BY S.C.	SCALE AS NOTED
DATE 9/20/2024		SHEET NO. C-2.1	
JOB NO. 2005K0204			



MATCHLINE SHEET C-1.1



RVE
1791
REMINGTON & VERNICK ENGINEERS
2050 SPRINGDALE ROAD
CHERRY HILL, NJ 08003
(609) 795-6955 FAX (609) 795-1880
WEB SITE ADDRESS: WWW.RVE.COM
Certification of Registration: NJ 04 28000000
UNDESIGNED EXCELLENCE

DATE: 1-1-2010
STEPHANIE A. CUTHBERT
NJ PROFESSIONAL ENGINEER U.C. No. 42158

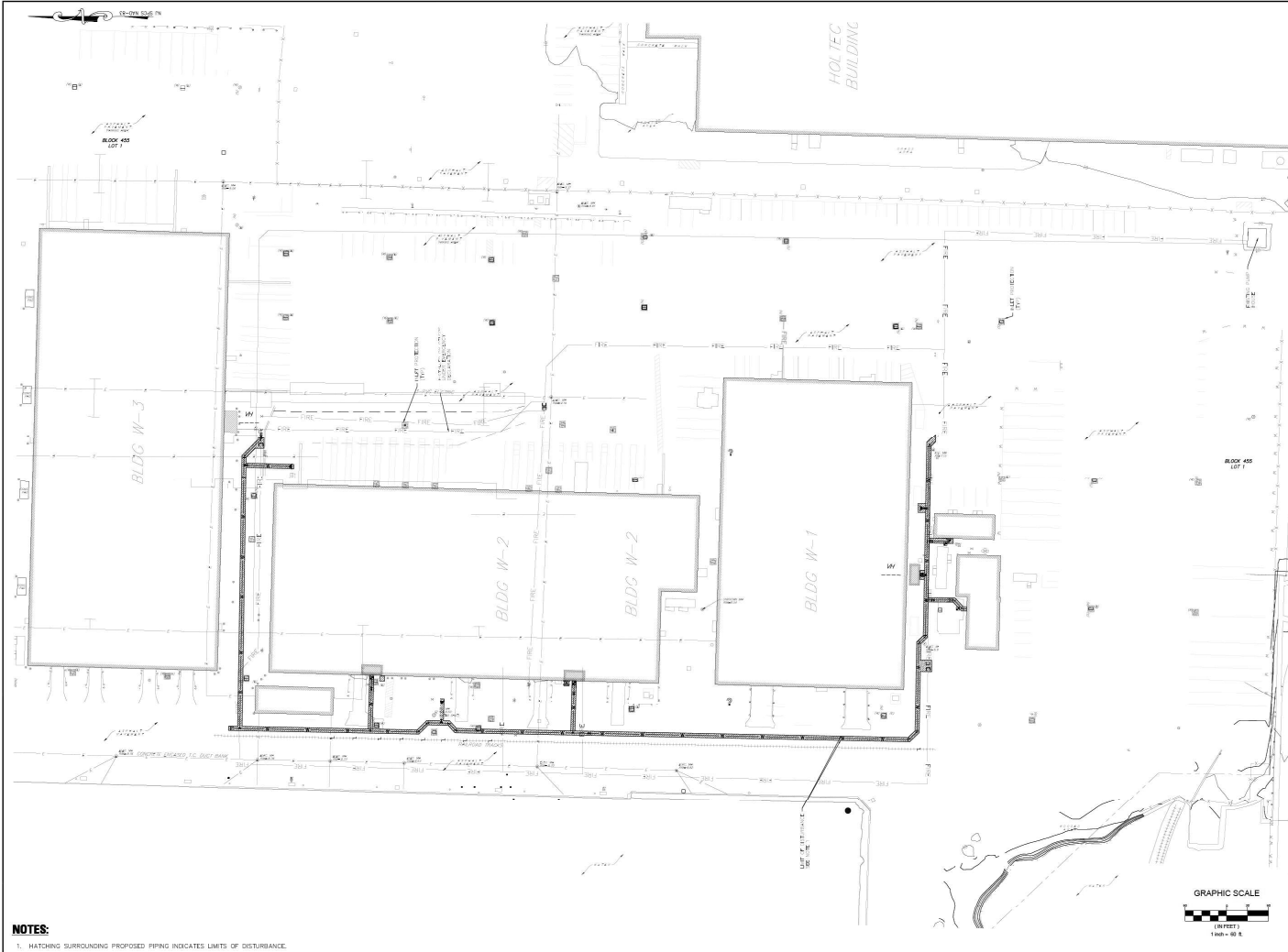
PLANS WILL BE SET BACK AS REQUIRED BY LOCAL CODES
ALL DIMENSIONS SHOWN ARE MEASURED TO FACE UNLESS NOTED OTHERWISE
CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARDOUS MATERIAL HANDBOOK
ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE APPROVED BY THE LOCAL BUILDING DEPARTMENT
ALL UTILITIES SHALL BE LOCATED AND DEPT. OF PUBLIC WORKS SHALL BE NOTIFIED OF ANY CHANGES TO THE EXISTING UTILITIES
ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARDOUS MATERIAL HANDBOOK
ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE APPROVED BY THE LOCAL BUILDING DEPARTMENT
ALL UTILITIES SHALL BE LOCATED AND DEPT. OF PUBLIC WORKS SHALL BE NOTIFIED OF ANY CHANGES TO THE EXISTING UTILITIES

NO.	REVISION	DATE
1	ISSUED FOR PERMIT	1-1-2010
2	REVISION	
3	REVISION	
4	REVISION	
5	REVISION	
6	REVISION	
7	REVISION	
8	REVISION	
9	REVISION	
10	REVISION	

EXISTING SITE PLAN - PIER 5
SOUTH WATER FRONT CAMP
BROADWAY TERMINAL WATER FIRE MAIN REPLACEMENT
CAMDEN COUNTY
CAMDEN CITY
NEW JERSEY

DATE	DESIGNED BY	CHECKED BY	IN CHARGE
1-1-2010	S.A.C.	S.A.C.	S.A.C.
DATE	DESIGNED BY	CHECKED BY	IN CHARGE
1-1-2010	S.A.C.	S.A.C.	S.A.C.

C-2.2



NOTES:
1. HATCHING SURROUNDING PROPOSED PIPING INDICATES LIMITS OF DISTURBANCE.

RVE
1901
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2050 SPRINGSCALE ROAD
CHERRY HILL, NJ 08003
(609) 795-8995, FAX (609) 795-1883
WWW.RVE.COM
Certification of Professional Engineer No. 42158

DATE: 11/11/2011
STEPHANIE A. CUTHBERT
NJ PROFESSIONAL ENGINEER No. 42158

NO.	REVISION	DATE
1	ISSUED FOR PERMIT	11/11/2011

PROPOSED OVERALL SITE PLAN AND SESC - PIER 5
COUNTY: MERCER COUNTY
CITY: CAMDEN
PROJECT: BROADWAY TERMINAL WATER FIRE MAIN REPLACEMENT
SHEET NO.: C-5.0



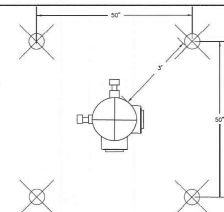
GRAPHIC SCALE



(IN FEET)

APPROVAL: G.M.	APPROVAL: G.M.	WITNESS: S.C.	DATE: AS NOTED
DATE: 9-20-2014		SHEET NO.: C-5.2	
JOB NO.: 304542014			





PAVEMENT RESTORATION

PROVIDE TACK COAT & SEAL JOINT

RESTORATION

1'-0"

EDGE OF TRENCH

1'-0"

(SEE DETAIL FOR PAVEMENT RESTORATION)

KEYWAY

BACKFILL IN ACCORDANCE WITH GENERAL SPECIFICATIONS

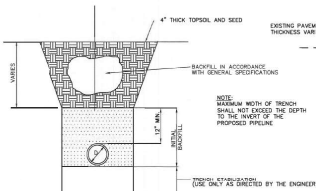
NOTE: MINIMUM WIDTH OF TRENCH SHALL EXCEED THE DEPTH TO THE INVERT OF THE IMPROVED FLOWLINE

1'-0" MIN.

REINFORCING

DUCTILE IRON PIPE TO BE MOULDED IN PLACE PER SPEC.

ROADWAY TRENCH DETAIL D.I. PIPE

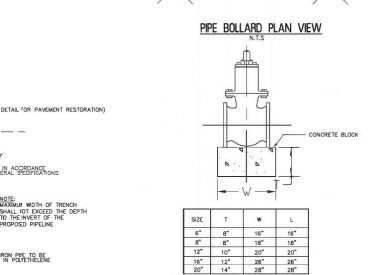


TRENCH DETAIL D.I. PIPE

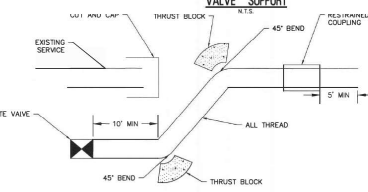
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THRUST BLOCKS TO BE USED FOR WATER MAIN AND FORCE MAINS AT ALL BENDS, TEES, REDUCERS AND PLUGS. BEARING AREAS FOR THRUST BLOCKS ARE BASED ON THE UNDISTURBED SOIL WITH BEARING CAPACITY OF 2000 POUNDS PER SQ. FT. FOR OTHER SIZES OF LESS BEARING CAPACITY, THE AREAS SHALL BE ADJUSTED ACCORDINGLY. (710, 14, 4.2) ALL CONCRETE FOR THRUST BLOCKS SHALL BE 3000 PSI COMPRESSIVE STRENGTH WITHIN 28 DAYS. THE THRUST BLOCKS SHALL BE POURED FROM FITTING SIZES THAT THEY BEAR ON THE UNDISTURBED WALL OF THE TRENCH. ALL JOINTS AND CONTACT SURFACES OF AREAS LISTED ARE FOR HORIZONTAL, AND DOWNWARD THRUST ONLY AND ARE NOT SUITABLE FOR UP LIFTING THRUSTS.

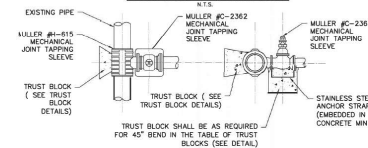
THRUST BLOCK DETAIL FOR SYSTEMS AT 150 PSI TEST PRESSURE OR LESS



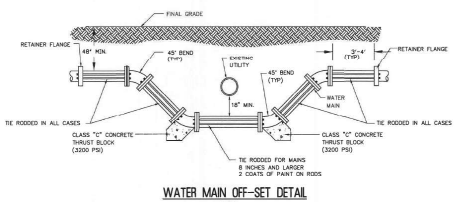
VALVE SUPPORT



VALVE HOUSE CONNECTION DETAIL



TAPPING SLEEVE AND VALVE DETAIL



WATER MAIN OFF-SET DETAIL

DETAILS