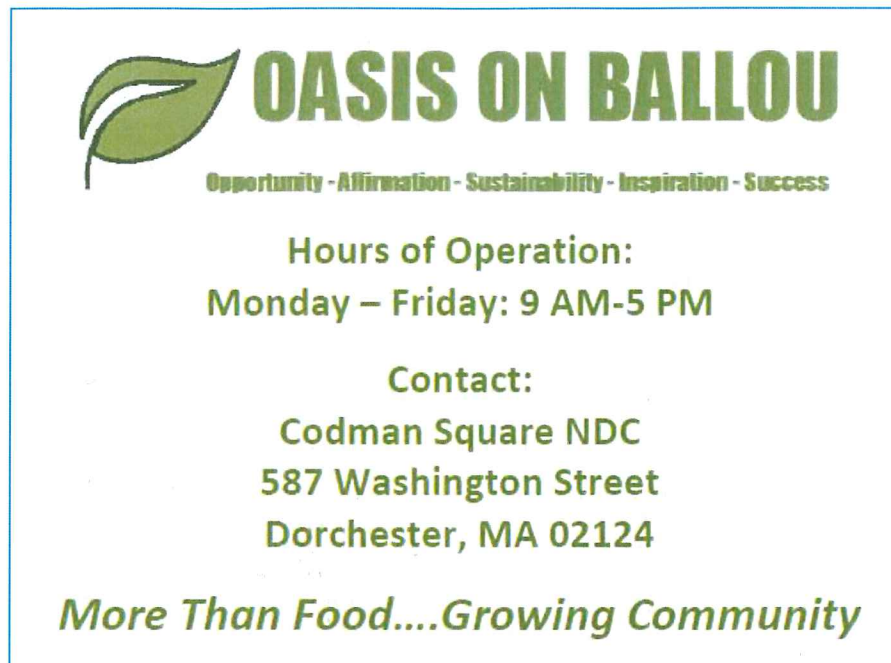


Sign
Details



Details: Affixed to existing chain link fence, with top edge at 4' height.

Size: 2 (height) x 3' (width)

Material: DiBond (Plastic/aluminum/plastic in layers)

Vendor: B.L. Makepeace

Boston Water and Sewer Plan Phase I



www.nitsch.com
 2 Center Plaza, Suite 430
 Boston, MA 02108
 T: (617) 338-0063
 F: (617) 338-6472

► Civil Engineering
 ► Land Surveying
 ► Transportation Engineering
 ► Sustainable Site Consulting
 ► Planning
 ► GIS

SITE UTILITY AND DETAILS SHEET
 URBAN GARDENS - 100 BALLOU AVENUE
 100 BALLOU AVENUE, MATTAPAN, MA

PREPARED FOR:
CODMAN SQUARE NEIGHBORHOOD DEVELOPMENT CORPORATION
 587 WASHINGTON STREET, DORCHESTER, MA

REV.	COMMENTS	DATE

NITSCH PROJECT # 10138
 FILE: 10138/CUT.DWG
 SCALE: AS NOTED
 DATE: 1/19/2015
 PROJECT MANAGER: JMS
 SURVEYOR:
 DRAFTED BY: JLY
 CHECKED BY: JMS

SHEET: 1

C-1

OF REV.

BWSC & CONTRACTOR NOTES:

- THE BWSC SHALL PROVIDE A 5/8" DISC TYPE WATER METER AND METER TRANSMITTER UNIT (MTU).
- BACKWATER VALVES SHALL BE PROVIDED BY THE PLUMBER AT ALL GRAVITY SANITARY SEWER AND STORM DRAIN CONNECTIONS FOR ANY FIXTURE LOCATED AT AN ELEVATION BELOW THE TOP OF THE SEWER OR DRAIN MANHOLE.
- THE CONTRACTOR SHALL NOTIFY THE BWSC CROSS-CONNECTION DEPARTMENT AT 617-989-7283 ONCE BACKWATER VALVES ARE INSTALLED FOR BWSC INSPECTION.
- A PREREQUISITE FOR FILING A GENERAL SERVICE APPLICATION WITH THE BWSC FOR NEW CONSTRUCTION IS THE ROUGH CONSTRUCTION SIGN-OFF DOCUMENT FROM THE CITY OF BOSTON'S INSPECTIONAL SERVICES DEPARTMENT.
- IN ADDITION TO THE INSPECTION FEES, A DEPOSIT BASED ON THE SIZE OF THE WATER SERVICE, FIRE PIPE, SEWER OR DRAIN CONNECTION MUST ACCOMPANY THE GSA SUBMISSION. UPON RECEIPT OF THE APPROPRIATE DEPOSIT, THE COMMISSION WILL ESTABLISH A WATER AND SEWER ACCOUNT AND ASSIGN AN ACCOUNT NUMBER TO THE PROPERTY. THE TOTAL AMOUNT OF A DEPOSIT FOR A GSA SHALL NOT EXCEED TEN THOUSAND DOLLARS (\$10,000.00).
- AN AS-BUILT PLAN (AUTOCAD 2012 OR EARLIER RELEASE) SHALL BE PROVIDED BY THE CONTRACTOR AND ENDORSED BY A CIVIL ENGINEER OR PROFESSIONAL LAND SURVEYOR SHOWING THE LOCATION, DEPTH, AND INVERT OF EVERY BEND, FITTING, VALVE, CLEANOUT AND ANCHOR. THE AS-BUILT DRAWING SHALL BE SUBMITTED TO THE BOSTON AND WATER SEWER COMMISSION FOR REVIEW AND APPROVAL.
- WATER SHUT DOWN SHALL BE COORDINATED WITH BWSC WATER OPERATIONS, (617) 989-7276, 24 HOURS NOTICE REQUIRED.
- WATER SERVICE SHALL BE SHUT OFF AT MAIN AND WATER METER AND BACK FLOW PREVENTER SHALL BE DISCONNECTED AND STORED PRIOR TO FREEZING CONDITIONS.

UTILITY NOTES:

- TOPOGRAPHIC DATA, PROPERTY LINE INFORMATION, AND EXISTING SITE FEATURES WERE OBTAINED FROM A PLAN ENTITLED "TOPOGRAPHIC PLAN OF LAND IN MATTAPAN, MASSACHUSETTS", PREPARED BY MERRIMACK ENGINEERING SERVICES, DATED MARCH 21, 2014.
- FLOODPLAIN INFORMATION WAS OBTAINED FROM THE FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NO. 25025C00070. THE SITE IS IN ZONE X.
- THE LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES SHALL BE CONSIDERED APPROXIMATE AND MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY UTILITY CONNECTIONS OR CROSSINGS OF PROPOSED UTILITIES AND EXISTING UTILITIES. THE CONTRACTOR SHALL CONTACT THE RESPECTIVE UTILITY COMPANIES RELATIVE TO THE LOCATIONS AND ELEVATIONS OF THEIR LINES. THE CONTRACTOR SHALL KEEP A RECORD OF ANY DISCREPANCIES OR CHANGES IN THE LOCATIONS OF ANY UTILITIES SHOWN OR ENCOUNTERED DURING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER AND NITSCH ENGINEERING.
- THE CONTRACTOR SHALL COMPLY WITH MASSACHUSETTS GENERAL LAWS CHAPTER 82, SECTION 40, AS AMENDED, WHICH STATES THAT NO ONE MAY EXCAVATE IN THE COMMONWEALTH OF MASSACHUSETTS EXCEPT IN AN EMERGENCY WITHOUT 72 HOURS NOTICE, EXCLUSIVE OF SATURDAYS, SUNDAYS, AND LEGAL HOLIDAYS, TO NATURAL GAS PIPELINE COMPANIES, AND MUNICIPAL UTILITY DEPARTMENTS THAT SUPPLY GAS, ELECTRICITY, TELEPHONE, OR CABLE TELEVISION SERVICE IN OR TO THE CITY OR TOWN WHERE THE EXCAVATION IS TO BE MADE. THE CONTRACTOR SHALL CALL "DIG SAFE" AT 1-888-DIG-SAFE.
- ALL UTILITY CONNECTIONS ARE SUBJECT TO THE APPROVAL OF, AND GRANTING OF PERMITS BY, THE CITY OF BOSTON. IT SHALL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO SEE THAT ALL PERMITS AND APPROVALS ARE OBTAINED BEFORE STARTING CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAKING ALL NECESSARY ARRANGEMENTS FOR AND FOR PERFORMING ANY NECESSARY WORK INVOLVED IN CONNECTION WITH OR THE DISCONTINUANCE OF ANY UTILITIES WITHIN THE JURISDICTION OF ANY UTILITY COMPANIES, SUCH AS ELECTRICITY, TELEPHONE, WATER, GAS, AND ANY SYSTEM OR SYSTEMS WHICH WILL BE AFFECTED BY THE WORK TO BE PERFORMED UNDER THIS CONTRACT. THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE AGENCIES, DEPARTMENTS, AND UTILITY COMPANIES, IN WRITING, AT LEAST 48 HOURS AND NOT MORE THAN 30 DAYS PRIOR TO ANY CONSTRUCTION.
- CONSTRUCTION SHALL NOT INTERFERE WITH OR INTERRUPT UTILITIES WHICH ARE TO REMAIN IN OPERATION.
- ALL WATER, SEWER AND DRAIN WORK SHALL BE PERFORMED ACCORDING TO THE REQUIREMENTS AND STANDARD SPECIFICATIONS OF THE CITY OF BOSTON.
- GAS, TELEPHONE AND ELECTRIC SERVICES ARE TO BE DESIGNED BY EACH UTILITY COMPANY IN COORDINATION WITH THE MECHANICAL, ELECTRIC AND PLUMBING CONSULTANTS. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES AND DESIGN OF NEW UTILITIES WITH ELECTRIC, CABLE TELEVISION AND TELECOMMUNICATION UTILITIES.
- INSTALL WATER LINES WITH A MINIMUM OF FIVE FEET OF COVER AND A MAXIMUM OF SEVEN FEET COVER FROM THE FINAL DESIGN GRADES.
- MAINTAIN 10 FEET HORIZONTAL SEPARATION AND 18" VERTICAL SEPARATION (WATER OVER SEWER) BETWEEN SEWER AND WATER LINES. WHEREVER THERE IS LESS THAN 10 FEET OF HORIZONTAL SEPARATION AND 18" OF VERTICAL SEPARATION BETWEEN A PROPOSED OR EXISTING SEWER LINE TO REMAIN AND A PROPOSED OR EXISTING WATER LINE TO REMAIN BOTH WATER MAIN AND SEWER MAIN SHALL BE CONSTRUCTED OF MECHANICAL JOINT CEMENT LINED DUCTILE IRON PIPE FOR A DISTANCE OF 10- FEET ON EITHER SIDE OF THE CROSSING. ONE (1) FULL LENGTH OF WATER PIPE SHALL BE CENTERED OVER THE SEWER AT THE CROSSING.
- UTILITY STRUCTURES TO BE ABANDONED SHALL BE REMOVED TO A DEPTH OF NO LESS THAN 3 FEET BELOW FINISHED GRADE. THE BOTTOMS OF THE STRUCTURES SHALL BE BROKEN AND THE STRUCTURES SHALL BE BACKFILLED WITH GRAVEL BORROW AND COMPACTED.
- CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITIES EXCEPT THOSE NOTED TO BE ABANDONED AND/OR REMOVED & DISPOSED.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR TRENCHING, BACKFILLING, AND SURFACE RESTORATION FOR THE GAS LINE INSTALLATION.
- ALL ON-SITE UTILITIES SHALL BE INSTALLED UNDERGROUND UNLESS OTHERWISE NOTED.
- MANHOLE FRAMES, COVERS, VALVES, CLEANOUTS, ETC. SHALL BE RAISED TO FINISHED GRADE PRIOR TO FINAL PAVING CONSTRUCTION.
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, REGULATIONS AND SAFETY CODES IN THE CONSTRUCTION OF ALL IMPROVEMENTS.

BWSC INSPECTION SIGNOFF	INSPECTOR	DATE	COMMENT	DYE TEST
Ⓐ - CONNECT TO EXISTING WATER MAIN				N/A
Ⓑ - STORMWATER MITIGATION SYSTEM				N/A

FOR BWSC USE ONLY

OWNER:
 CODMAN SQUARE NEIGHBORHOOD DEVELOPMENT CORPORATION
 587 WASHINGTON STREET
 DORCHESTER, MA 02124

BUILDING ADDRESS:
 98 BALLOU AVENUE, MATTAPAN, MA

WARD 14 PARCEL 03798000
 WARD 14 PARCEL 03797000
 WARD 14 PARCEL 03796000
 WARD 14 PARCEL 03795000

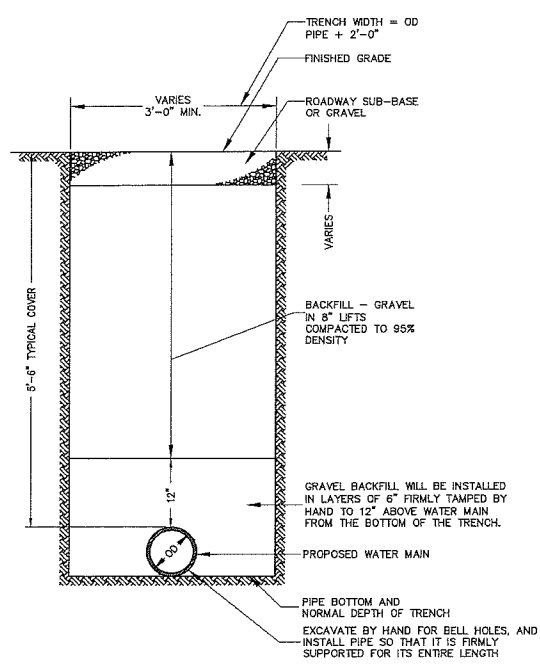
CONTACT:
 GAIL LATIMORE
 EXECUTIVE DIRECTOR
 CODMAN SQUARE NEIGHBORHOOD DEVELOPMENT CORPORATION

TEL: (617) 825-4224 X 132

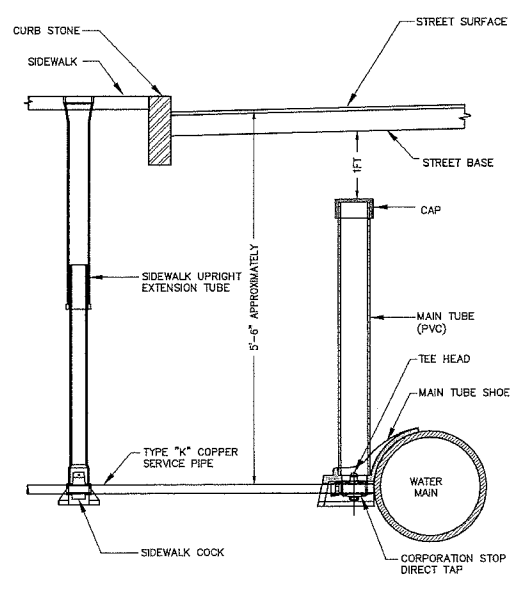
SITE USE: PARK

METER NUMBER:
 ACCOUNT NUMBER:

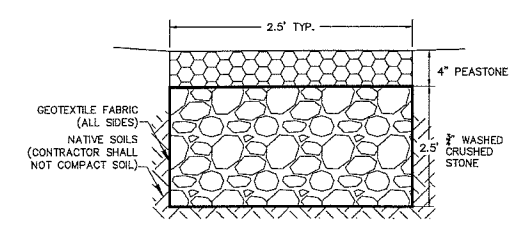
BWSC FILE NO.



TRENCH DETAIL FOR COPPER PIPE
 NOT TO SCALE

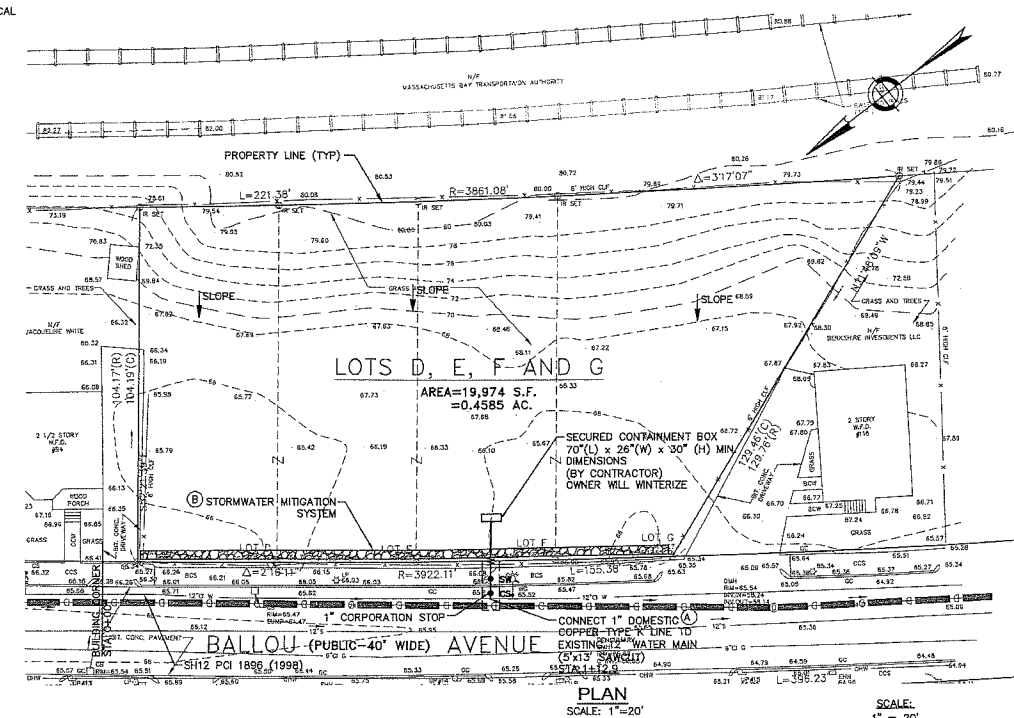


1" CORPORATION STOP
 NOT TO SCALE

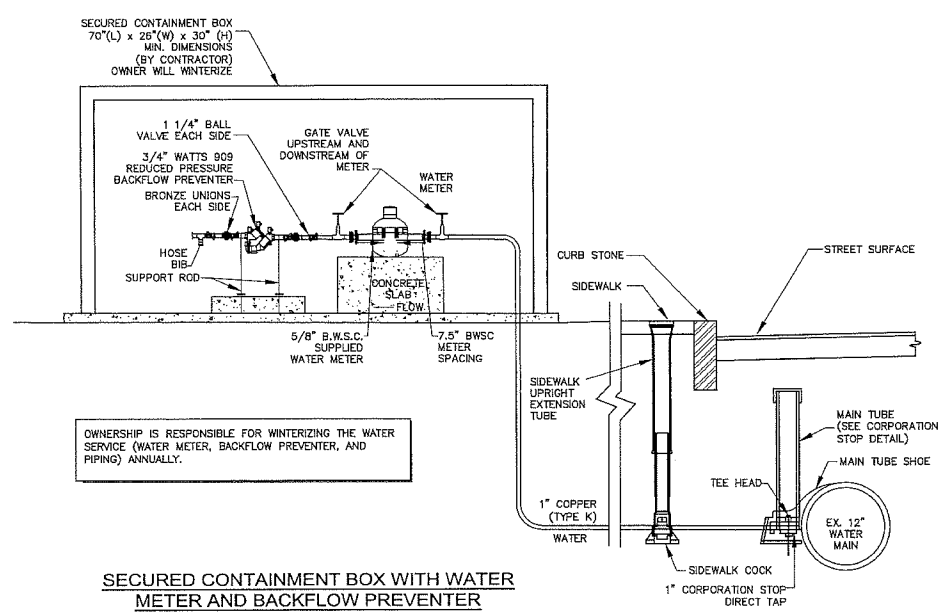


STORMWATER MITIGATION SYSTEM
 NOT TO SCALE

- LEGEND**
- W - PROPOSED WATER LINE
 - CS - PROPOSED CORPORATION STOP
 - SW - SIDEWALK UPRIGHT EXTENSION TUBE
 - - - PROPOSED SAWCUT
 - TYP. - TYPICAL



PLAN
 SCALE: 1"=20'
 SCALE: 1"=20'
 20 10 0 20 40



SECURED CONTAINMENT BOX WITH WATER METER AND BACKFLOW PREVENTER
 NOT TO SCALE

