August 14, 2015

City of Salem Purchasing Office 93 Washington Street Salem, MA 01970

- TO: Prospective Bidders
- RE: Addendum No. 1, BID # R-11 City of Salem, Washington Street and Dodge Street Utility Replacement Project

ADDENDUM NO. 1

This Addendum No. 1 to the above referenced projects modifies, corrects and/or supplements the original Contract Documents dated August 2015 and shall become part of the Contract Documents.

All bidders are required to acknowledge receipt of the Addendum in Section 00300 – FORMS FOR GENERAL BID; failure to do so may subject the bidder to disqualification.

This Addendum consists of one (1) page, with five (5) pages of Attachments, including four (4) drawings.

Changes to Drawings:

Replace Sheet C-5 with attached Sheet C-5A Replace Sheet C-6 with attached Sheet C-6A Replace Sheet C-7 with attached Sheet C-7A Replace Sheet D-7 with attached Sheet D-7A

Changes to Bidding and Contract Documents:

Section 00300 – FORMS FOR GENERAL BID

Replace Page 00300-13 with attached Page 00300-13A

Pre-Bid Conference Information:

An optional Pre-Bid conference was held on August 12, 2015 at 9:00 a.m. in the third floor conference room of the City Hall Annex, 120 Washington Street, Salem, MA. Names and contact information for attendees of the pre-bid conference are listed on the attached Sign-In Sheet.

Overview: Andrew Shapiro (of the City of Salem) and Bill Ross (of New England Civil Engineering) described the project scope of work and the information provided on the contract drawings and attached to the contract specifications. No questions were raised that required written response or clarification.

Alternate Bid No. 1:

| Item No. | Unit | Description | Estimated Quantity | Unit Price (In Figures) | Extended Total (In Figures) |
|-------------|------|---|-----------------------|-----------------------------------|-----------------------------------|
| 61 | LF | Assist NGrid with PE Gas Pipe Installation - Excavation, Coordination, Backfill Dollars Cents Per Linear Foot | 700 | \$ | \$ |

Total Amount of Alternate Bid No. 1: (Item 61) inclusive:

\$

(Amount in figures)

(Amount in words)

Alternate Bid No. 2:

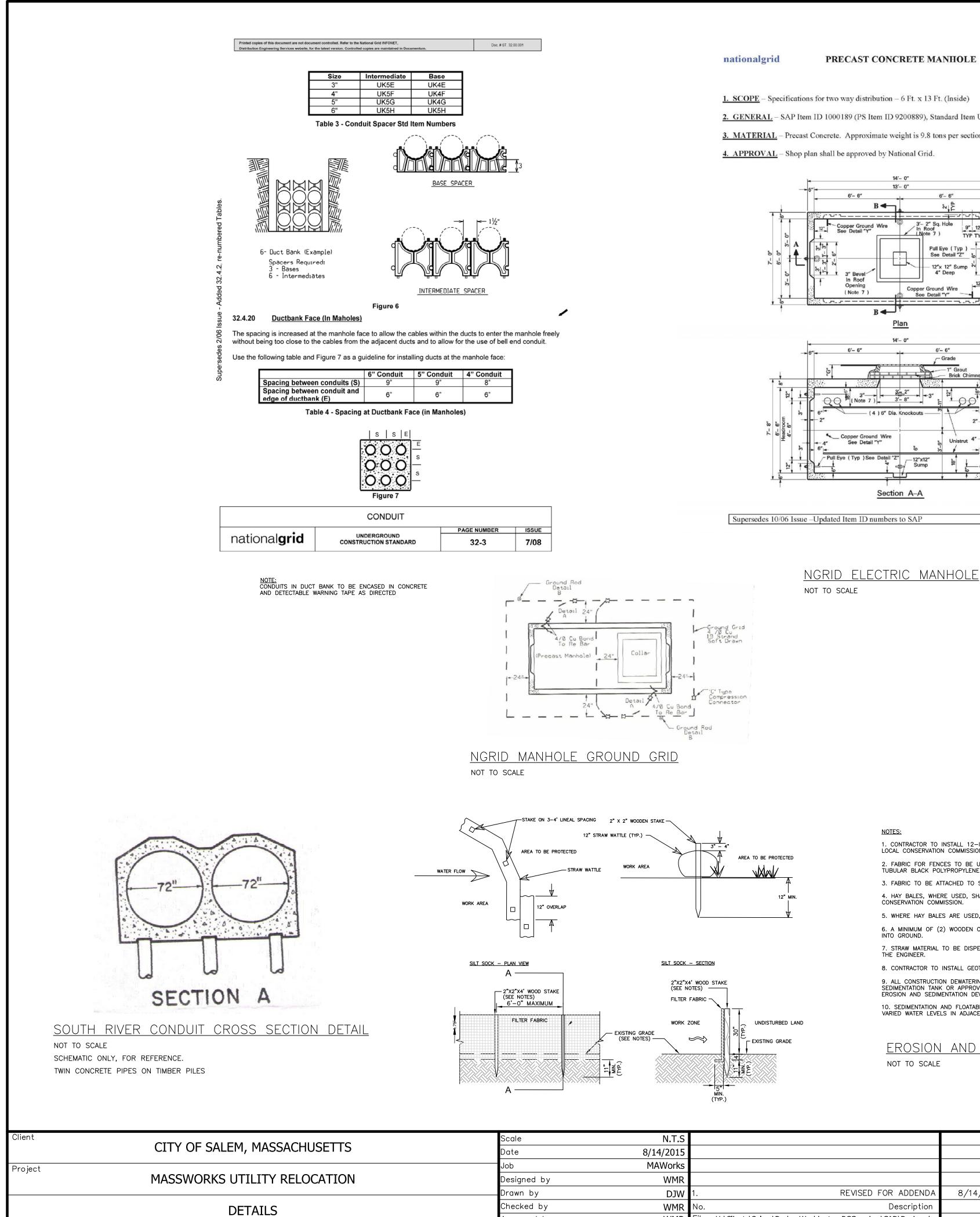
| Item No. | Unit | Description | Estimated Quantity | Unit Price | Extended Total (In Figures) |
|-------------|------|---|-----------------------|------------|-----------------------------------|
| | | Install New NGrid Electric Manholes, Materials by Others | | | |
| 62 | EA | Dollars | 2 | | |
| | | Per Each Cents | | \$ | \$ |
| | | Install New NGrid Conduit Duct Bank, Materials by Others | | | |
| 63 | LF | Dollars | 550 | | |
| | | Per Linear Foot | | \$ | \$ |

Total Amount of Alternate Bid No. 2: (Items 62 through 63) inclusive:

\$

(Amount in figures)

(Amount in words)



proved by

PRECAST CONCRETE MANHOLE

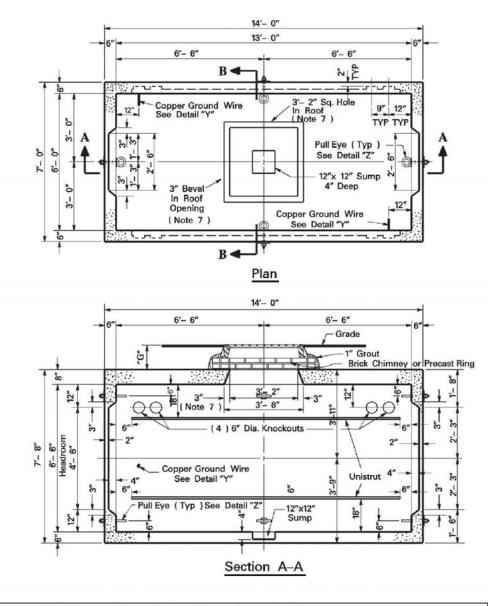
MS 3462 Page 1 of 3 6/14 Issue

1. SCOPE – Specifications for two way distribution – 6 Ft. x 13 Ft. (Inside)

2. GENERAL - SAP Item ID 1000189 (PS Item ID 9200889), Standard Item UM22.

3. MATERIAL - Precast Concrete. Approximate weight is 9.8 tons per section.

<u>4. APPROVAL</u> – Shop plan shall be approved by National Grid.



Supersedes 10/06 Issue –Updated Item ID numbers to SAP

NOTES:

| 1. CONTRACTOR TO INSTALL 12-INCH STRAW WATTLES OR SILT FENCE AS DIRECTED AND APPROVED BY LOCAL CONSERVATION COMMISSION |
|---|
| 2. FABRIC FOR FENCES TO BE UV RESISTANT POLYPROPYLENE WITH A MINIMUM WEIGHT OF 2.5 OZ/S.Y. TUBULAR BLACK POLYPROPYLENE FOR STRAW WATTLES SHALL BE PHOTO DEGRADABLE. |
| 3. FABRIC TO BE ATTACHED TO STAKES WITH STAPLES. |

4. HAY BALES, WHERE USED, SHALL BE SALT MARCH HAY AS APPROVED BY LOCAL

- CONSERVATION COMMISSION.
- 5. WHERE HAY BALES ARE USED, TRENCH A MINIMUM OF 4" INTO EXISTING GRADE. 6. A MINIMUM OF (2) WOODEN OR METAL STAKES PER HAY BALE. DRIVE STAKES A MINIMUM OF 12"
- INTO GROUND.
- 7. STRAW MATERIAL TO BE DISPERSED ON SITE OR HAULED OFFSITE AND DISPOSED AS DETERMINED BY THE ENGINEER.

8. CONTRACTOR TO INSTALL GEOTEXTILE (SILT SACK) IN ALL CATCH BASINS PRIOR TO EXCAVATION. 9. ALL CONSTRUCTION DEWATERING MUST BE TREATED WITH A FILTRATION DEVICE (DIRTBAG) AND/OR SEDIMENTATION TANK OR APPROVED TREATMENT DEVICE PRIOR TO DISCHARGE UPGRADIENT OF OTHER

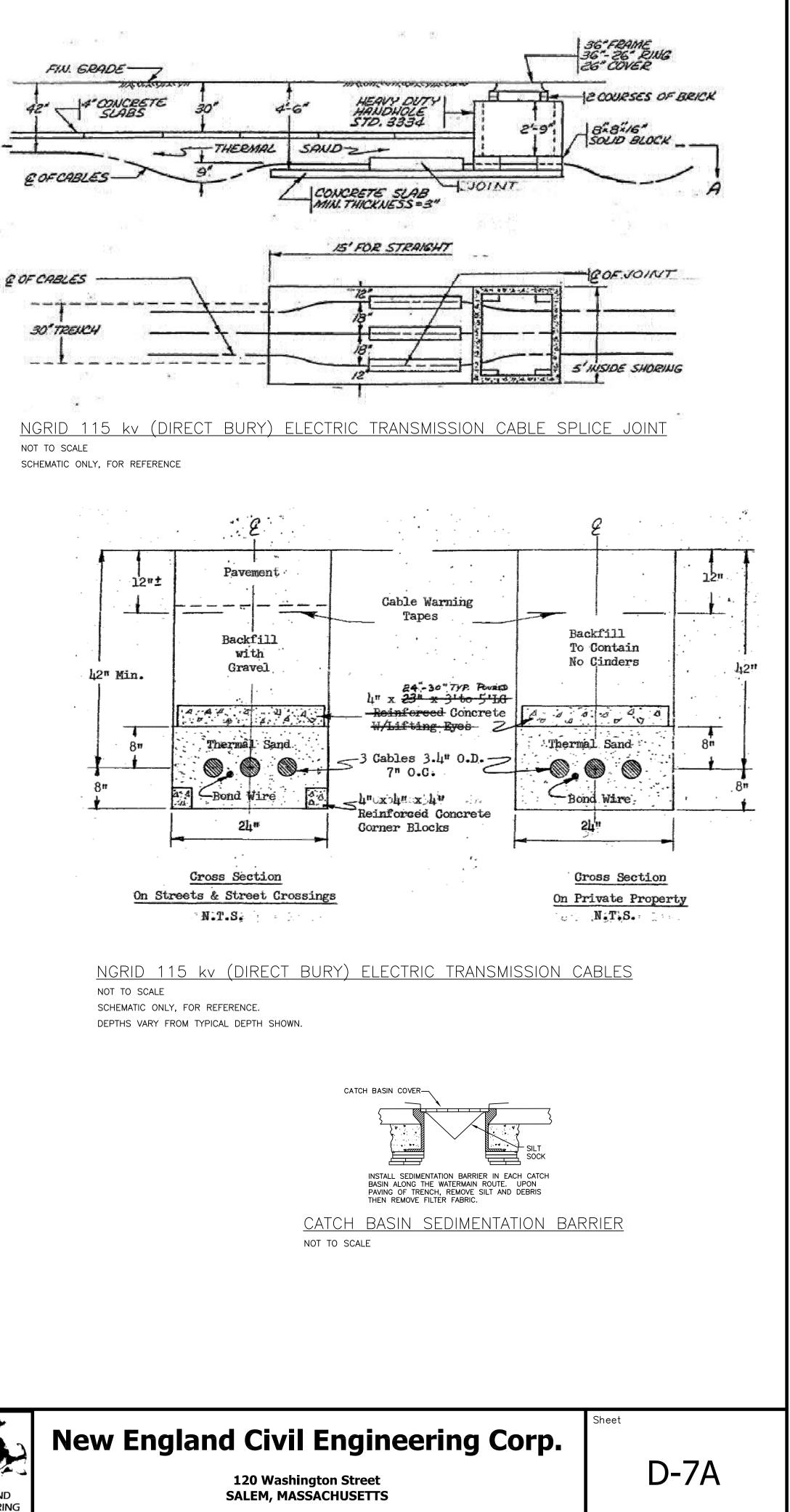
EROSION AND SEDIMENTATION DEVICES AND CONTROLS. 10. SEDIMENTATION AND FLOATABLE DEBRIS BARRIER TO BE SIZED AND MAINTAINED TO ACCOMMODATE VARIED WATER LEVELS IN ADJACENT WATER BODIES.

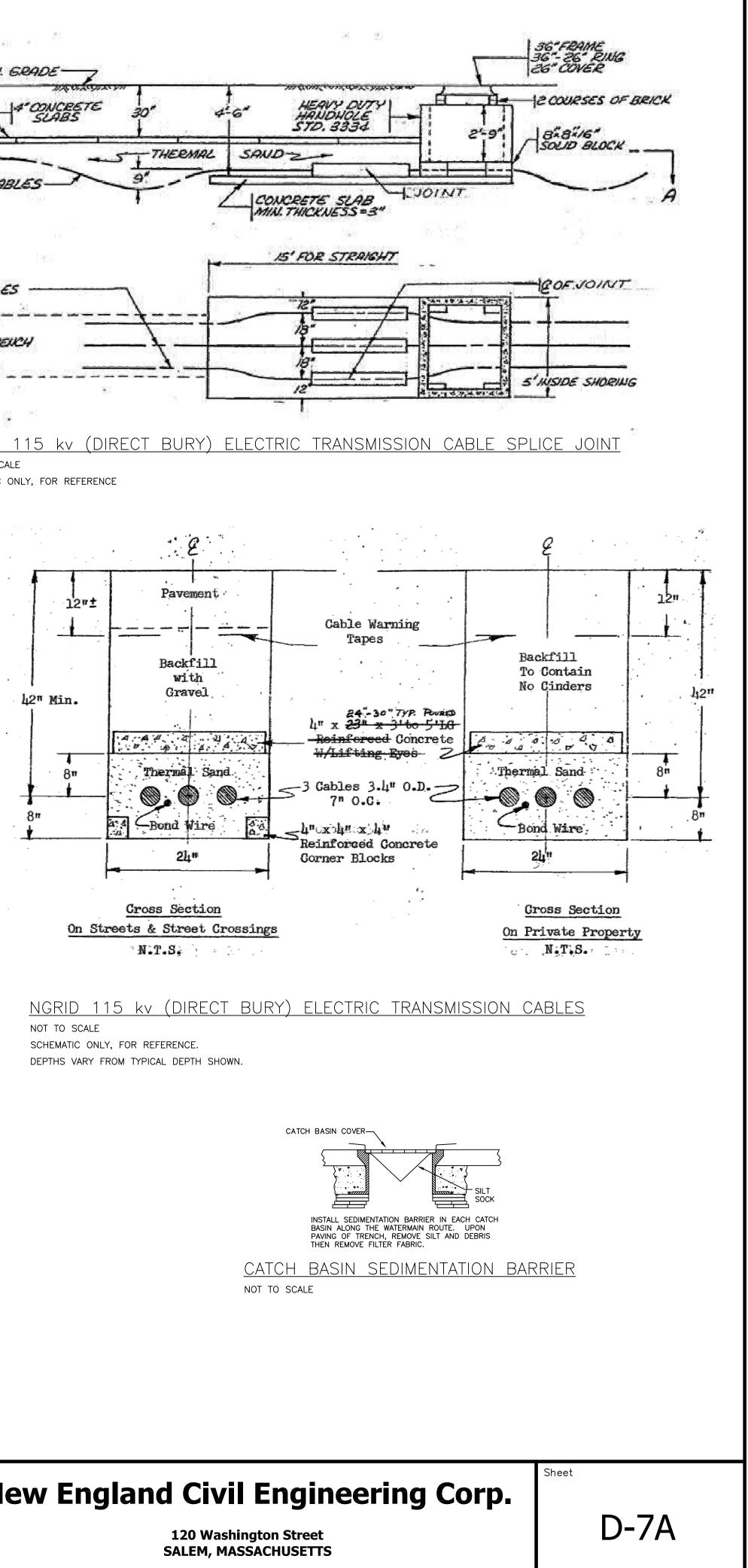
EROSION AND SEDIMENTATION BARRIER NOT TO SCALE

| N.T.S | | |
|-----------|---|-----------|
| 8/14/2015 | | |
| MAWorks | | |
| WMR | | |
| DJW | 1. REVISED FOR ADDENDA | 8/14/2015 |
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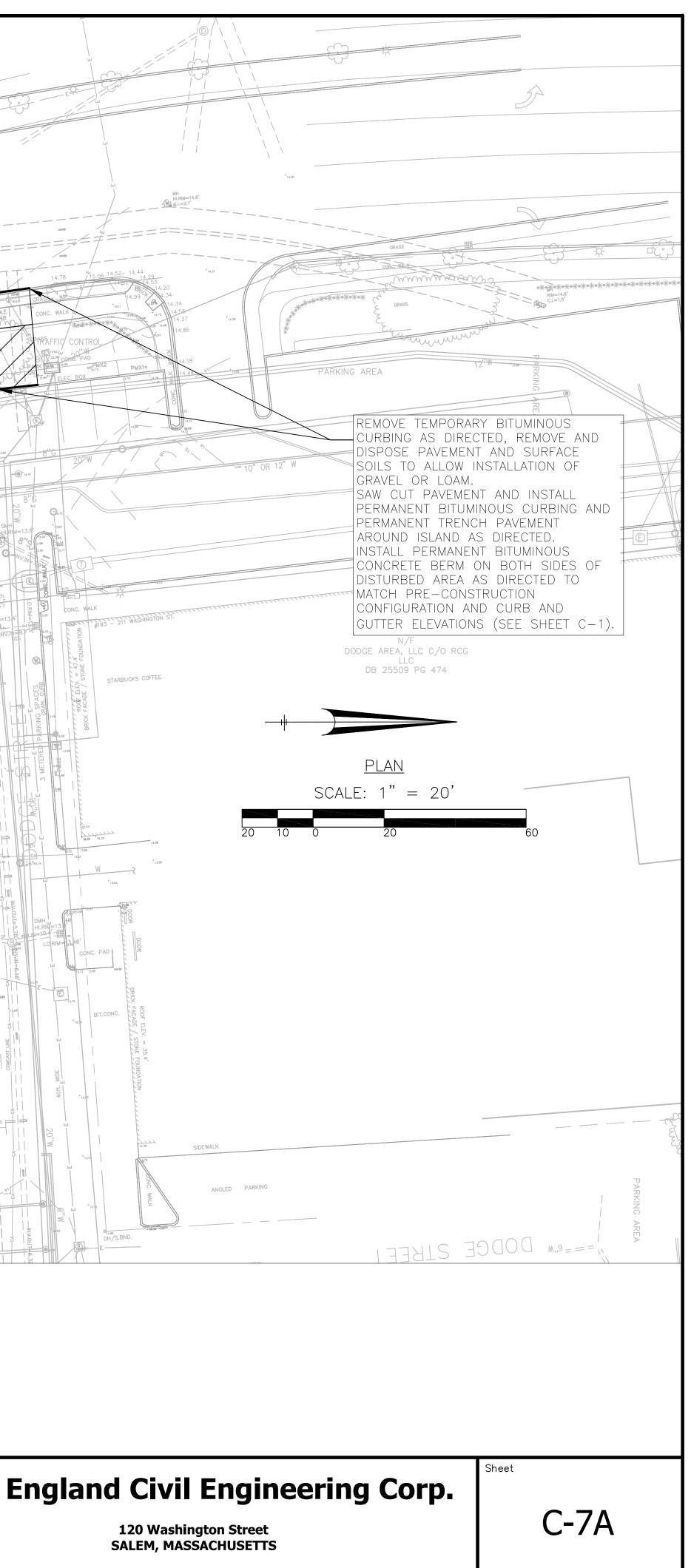
COFCAR!

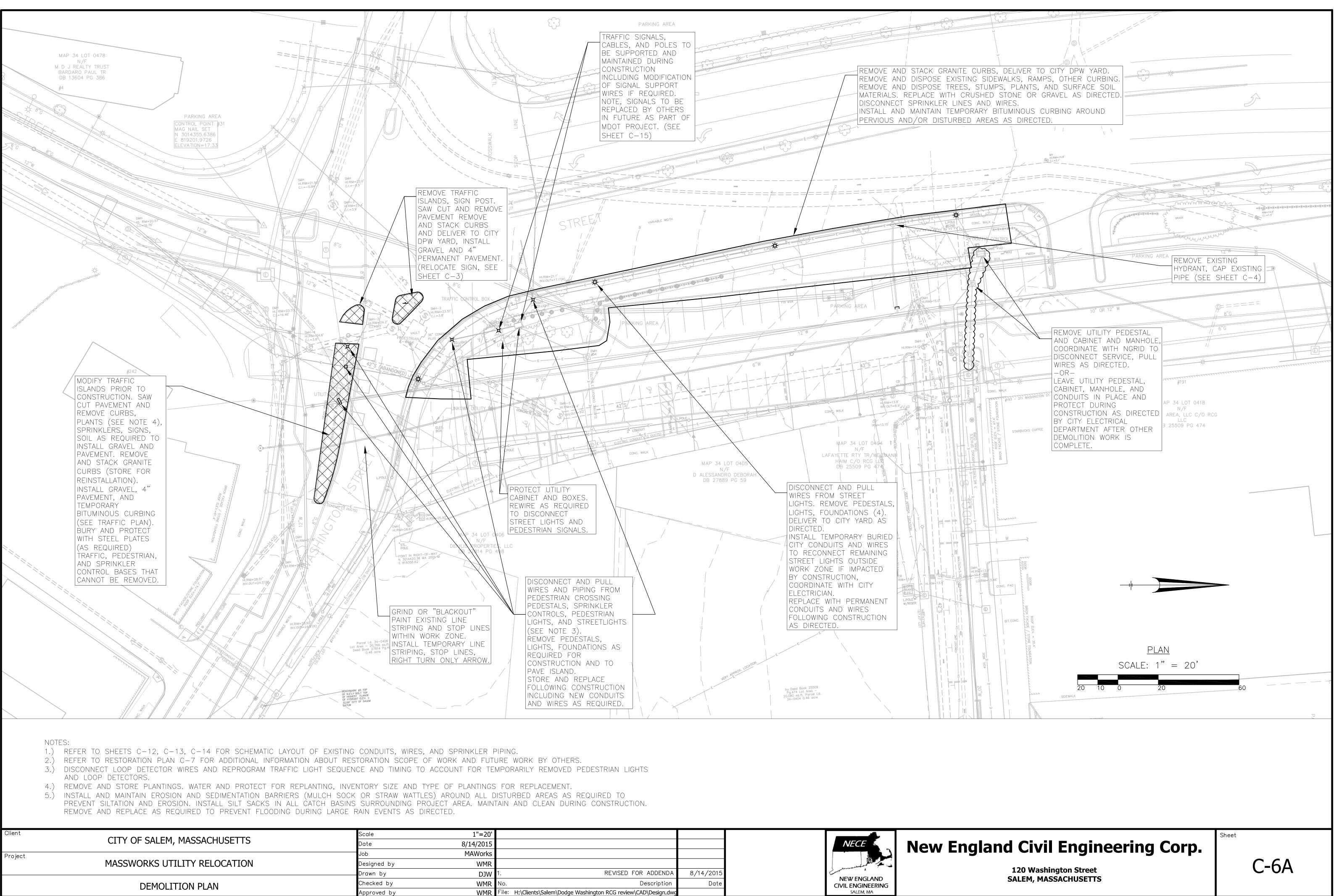




| MAP 34 LOT 04/8 N/F M D J REALTY TRUST | | | |
|---|---|--|--|
| BARDARO PAUL TR DB 13604 PG 386 #4 | | STRI | CK OUT" TEMPORARY LINE PING ALONG TRAFFIC DETOUR |
| | | CON | E (IF INSTALLED) AFTER STRUCTION. ALL NEW LINE STRIPING AS |
| PARKING AREA | | | CTED. |
| MAG NAIL SET N 3014355.6386 E 819201.9726 ELEVATION=17.33 | SWALK STATE | | E E S |
| | ISLANDS TO REMAIN PAVED (SHEET C-6) | OVER. | E E E E E E E E E E E E E E E E E E E |
| SMH HI.RIM=21.98 C.I.=-0.84 SMH HI.RIM=22.0° C.I.=-0.5° | | | |
| 122. I I I I I I I I I I I I I I I I I I I | | | |
| DMH HI, RIM=20.57 C,1=16.76' | | STREET VARIABLE WIDTH | 6.50, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, |
| | C. C. MIGTON | | |
| | MARTING | | |
| REMOVE TEMPORARY BITUMINOUS BERM AROUND TRAFFIC ISLAND | 23.54 17.77 | HL.RIM=21.1' // +20.60 20.82 +22.31 // +20.60 20.82 20.4 22.31 // +20.60 20.82 20.4 -22.31 // +20.60 20.82 20.4 -20.60 20.4 -20.4 -20.40 20.4 -20.40 20.4 -20.40 20.4 -20.40 20.40 20.4 -20.40 2 | |
| (SHEET C-8). SAW CUT PAVEMENT, REMOVE AND | TRAFFIC CONTROL BOX 22.78 HILRIM=2.3.51' 23.0 23.0 2.78 23.0 2.78 | 21.92 21.80 and 20 21 22 22 22 22 22 22 22 22 22 22 22 22 | 18.61 11.5 KVA PARKING AREA 15.40 |
| DISPOSE PAVEMENT AND GRAVEL AS REQUIRED TO | SMH-3 HI.RIM=24.2' C.I.=3/3' 23.05 21.05 23.05 24.05 2 | Transferrence and the second s | |
| INSTALL 6"-12" LOAM. RESET GRANITE CURBS TO PRE-CONSTRUCTION | PEDESTRIAN PLUG = PEDESTRIAN PLUG = PEDLIGHT # PEDLIGHT # PEDL | стания (100 - 1328) итну во 723 итну во 723 емн тузо | тиба тиба мин-1 8°°5 как мин-1 8°°5 как ні.кім=14.0° Скак ні.кім=14.0° Скак ні.кім |
| CONFIGURATION, SET CURBS IN CONCRETE PER | 42"S (ABANDONED) 424 249 424 424 424 424 424 424 424 424 | E E E C A C A C A C A C A C A C A C A C | |
| DETAILS. SAW CUT AND INSTALL PERMANENT PAVEMENT GARACE | | 8"G4 100 - 12.83 20.50 - 12.50 11 - 12.83 11 - 12.83 12 - 12. | |
| TRENCHES. | 30.48 30.48 9.52 4/25.64 9.52 4/25.64 9.12 7/2 7/2 7/2 7/2 7/2 7/2 7/2 7/2 7/2 7/ | 1.55 COMORETE DO 2007 COMORETE DO 2007 COMORE | 1500 |
| INSTALL 6"-12" LOAM, RE-PLANT PLANTINGS AS DIRECTED, REPLACE | 2200 200 2 | | 16.79 17.36 17 |
| PLANTINGS IF DIRECTED. | | 2240 22 22 22 22 22 22 22 22 22 2 | PERVIOUS AREAS, 3" LOAM |
| MULCH, REPLACE Sprinklers and Pipes. Raise or reinstall | *26.51 22.50 *26.52 72.52 *26.52 72.52 *26.52 72.52 *26.52 72.52 *26.52 72.52 *27.52 72 *27.52 72 *27. | 20000 20.02 IT 19.23 | MAP 34 LOEMOLISHED BY OTHERS. AVEL AND 8' WIDE AVEL AND 8' WIDE SUFFICIENT AS AREA WILL BE TY TR/WERMANN O RCG LEA 110 110 110 110 110 110 110 11 |
| REMOVED OR BURIED CONTROL BOXES. PULL WIRES AND PIPING | L.POLE 200 Real 2600 | AS THICK), INCLUE | ONCRETE SIDEWALK (3" +1,2,49 |
| AND RECONNECT PEDESTRIAN CROSSING | 17.53 17.53 17.53 17.53 17.55 17 | LOCATIONS AS | A RAMPS (2) IN SAME EXISTING RAMPS. ADA RAMP SLOPES TO |
| LIGHTS AND SPRINKLERS FOLLOWING CONSTRUCTION (SEE NOTES 5-7) | M. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | * XARE LINET ADA SLO | PE REQUIREMENTS. |
| (SEE NOTES 5-7) | 21.92 POLE *27.46 * | | |
| | E 819356.62 | 2.55 10.17 | |
| HI.RIM=28.51 INV.OUT=24.57(P) S_1 S_2 S_4 S_52 S_52 S_52 S_52 S_52 S_52 S_52 S_52 | | EMPORARY STRIPING, TURN | 15.99 + 5.02 RIM = [3.0] *13.00 + 15. |
| | CROSSWALK PAI DIVIDER LINES | INT, STOP LINES, LANE | *16.27 *1 |
| 2000 HI.RIM=26.92/fax3/ 100.00%=24/6 (R) 100.00%=24/6 (R) 100. | *2000 000 *2000 000 ******************************* | | |
| 10,00 30,500,00 1 10,0000 1 10,0000 1 10,000 1 10,000 1 10,000 1 10,000 1 1 | el i.d. 34-0406 - 20,766 sq.ft. by 300k 27814 Pg.498 0.48 acre | 18.08 | *17.13 E 14.40 18.46 18.45 18.20 |
| | *29.29 *29.57 | | * VERY APPROX. LOCATION *15.79 *15.93 *15.25 *15.25 |
| 31.55 31.41 31.5 | TOP TOP TOP TOP TOP TOP TOP TOP TOP TOP | 22.66 "17.64 32.62 27.21 | by Deed Book 25509 Pg.474 Lot Area - *1525 20,080 sq.ft. Parcel i.d. 34-0404 0.46 acre |
| 32,69 CH G C DATUM 31,67 31,67 31,67 31,67 31,67 31,67 31,67 31,69 31,67 31,69 31,67 31,69 31,67 31,69 31,67 31,69 31,67 31,69 31,67 31,69 31,67 | *30.21 | | *15.77 15.77 |
| 31.52 | * 30.44 * 30.44 | 50.55 27.58 *22.39 *38.99 | |
| | * 30.65 * 30.63 * 30.65 * 30.63 * 30.65 * 30.61 * 31.65 * 20.62 * 30.61 * 30.65 * 20.63 * 30.65 * 50.61 * 30.65 * 50.61 * 30.69 | 30.58 BENCHMARK (#2 TOP OF ELY. BOLT TOP OF 11242 HIGHEST FLANGE OF HYDRANT ELEV. = 21.60' HYDRANT ELEV. = 21.60' HYDRANT ELEV. = 21.60' CITY OF SALEM DATUM | *17.25 159.99' LOT S03'31'45''E 2059 *16.56 *16.56 *19.98 *15.27 *15.27 *15.27 *15.27 *100 HELD AS CRNR - 5/6.50 15.27 *15.27 *100 HELD AS CRNR - 5/6.50 15.27 *15.27 *15.28 *10.00 HELD AS CRNR - 5/6.50 15.27 *15.28 *10.00 HELD AS CRNR - 5/6.50 15.27 *15.27 *100 HELD AS CRNR - 5/6.50 15.27 *15.27 *100 HELD AS CRNR - 5/6.50 15.27 *100 HELD AS CRNR - 5/6.50 16.27 *100 HELD AS CRNR - 5/6.50 16.28 *15.50 16.29 *100 HELD AS CRNR - 5/6.50 16.29 *100 HELD AS CRNR - 5/6.50 16.29 *100 HELD AS CRNR - 5/6.50 16.20 *100 HELD AS CRNR - 5/6.50 |
| NOTES: 1.) WASHINGTON/CANAL/MILL STREET INTERSECTION TO BE MODIFIED AS PART OF | MDOT PROJECT REFER TO SHEET | C-15 | |
| 2.) SIDEWALK AND RAMPS TO BE RESTORED AND ACCESS TO CROSSWALKS ACROS 3.) PARKING LOT AND SIDEWALK WITHIN WORK ZONE TO BE DEMOLISHED IN THE | SS WASHINGTON STREET IN TWO LO | DCATIONS TO BE REESTABLISHED. | SUFFICIENT TO PROVIDE SMOOTH PARKING AND WALKING SURFACE |
| WITHOUT PUDDLES. 4.) STREET LIGHTS REMOVED (4) WILL NOT BE REINSTALLED AS PART OF THIS PI | ROJECT. | | |
| 5.) PEDESTRIAN AND TRAFFIC SIGNAL LIGHTS TO BE REPLACED IN FUTURE BY OTI UNTIL INTERSECTION WORK IS COMPLETE. 6.) REPLACE TEMPORARY ELECTRIC CONDUITS AND WIRES WITH PERMANENT COND | | | |
| 7.) REPROGRAM TRAFFIC LIGHT SEQUENCE AND TIMING TO PREVIOUS CONDITIONS 8.) LOOP DETECTORS DISCONNECTED AS PART OF THIS PROJECT WILL NOT BE RE | PRIOR TO CONSTRUCTION FOLLOWI ECONNECTED. | NG REINSTALLATION OF PEDESTRIAN LIGHTS. | |
| CITY OF SALEM MASSACHLISETTS | Scale 1"=2 Date 8/14/201 | 15 | NECE NECE New |
| | Job MAWorl Designed by WM | IR | |
| RESTORATION PLAN | | W 1. REVISED FOR ADDENDA IR No. Description IR File: H:\Clients\Salem\Dodge Washington RCG review\CAD\Design.dwg | 8/14/2015 Date CIVIL ENGINEERING SALEM, MA |

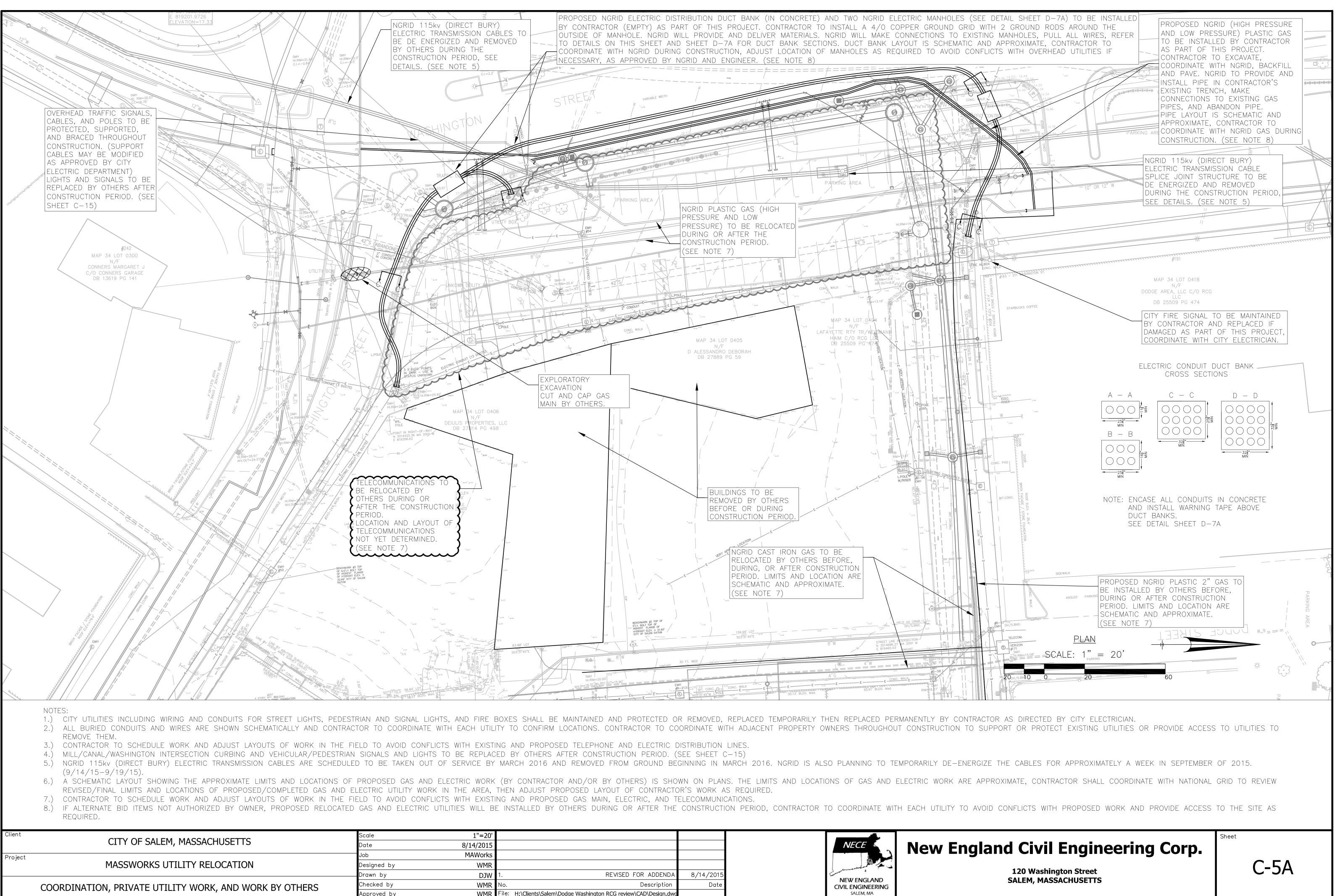






| 1"=20' | | | |
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| 8/14/2015 | | | |
| MAWorks | | | |
| WMR | | | |
| DJW | 1. | REVISED FOR ADDENDA | 8/14/2015 |
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| NECE |
|-------------|
| NEW ENGLAND |



| | | | | | 1"=20' |
|----------|-------------|-----------|------------------------|---|-----------------|
| New | NEW ENGLAND | | | | 8/14/2015 |
| | | | | | MAWorks |
| | | | | | WMR |
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