

ADDENDUM #1 – June 20, 2016

Bid#44-16

McDONOUGH, BREWSTER AND LANGDON STREETS, AREA 3B

This Addendum forms part of the original document marked: **Bid#44-16 McDONOUGH, BREWSTER AND LANGDON STREETS, AREA 3B**. Please acknowledge this addendum within your proposal. Failure to do so may subject a bidder to disqualification.

- The following “PRE-BID MEETING NOTES” include the list of attendees, clarifications, questions asked and answered, and additions.
- The attached drawings, pages 2, 3 and 4 replace the original drawings page 2, 3, and 4.

PRE-BID MEETING NOTES
PORTSMOUTH DEPARTMENT OF PUBLIC WORKS
680 PEVERLY HILL ROAD
JUNE 16, 2016 10AM

| Attendee | Representing | Phone | Email |
|------------------|--------------------|--------------|--|
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| Jason DeWildt | SUR Construction | 603-332-4554 | jdewildt@surconstruction.com |
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| Jim Lyman | Lyman and Sons | 603-524-4314 | sue@lymanandsons.com |
| Dave Whitney | Albanese Brothers | 978-454-8850 | DWhitney@AlbaneseBros.com |
| Alex Noddin | EJ Prescott | 603-224-9545 | Mike.Stenson@ejprescott.com |

1. Introductions

2. Project Area

3. Mandatory Pre-Bid Meeting

Attendance at this meeting is mandatory. Bids from Contractors not in attendance will not be opened.

4. Project Overview

The project includes but is not limited to the following items:

- Sanitary sewer installations
- Storm sewer installations, including storm sewer service laterals
- Water system replacement (temporary water is specified, includes tie-ins to the curb stop, either existing or new)
- Interior sewer service re-plumbing work (Allowance Item 1.16)
- Roadway reconstruction:
 - a. Full depth reconstruction (removal of existing and gravel installation)

- Curbing reuse and sidewalk re-construction
- Modifications to existing sewers and storm drains (connections and tie-ins).
- Combined sewer by-pass piping or pumping operations to maintain existing flows (Item 1.0).
- Traffic control and maintenance of traffic. The TCP will need to be submitted in advance for the City's approval
- Prosecution of the work as outlined in the Project Manual

Other items of note for bidders:

- Contaminated Soils vs. Urban Fill (refer to POW for a discussion on management of suspect soils, if encountered.)
- A Health and Safety Plan will need to be submitted before earthwork can begin (Refer to Section 13710 of the project Manual)
- Protection of existing facilities to remain will be the responsibility of the Contractor. Negligence and/or protection of utilities, public and/or private property will not be tolerated.
- Location of all existing sewer services.

5. Available Information

The following information has been included in the Appendix of the project manual:

- Geotechnical Report and boring logs
- Available water service tie sheets

6. Bids

Bids to COP Purchasing Department by **11:30 a.m., June 23, 2016** .

7. Schedule

Completion time for the project will be as follows:

November 23, 2016 for **Substantial Completion** (which excludes sidewalks, curbing and final pavement, roadway markings and cleanup.

June 23, 2017 for **Total Project Completion**

8. Funding Requirements

None

9. Prosecution of Work (Division 1 - Section POW)

- Project Specific requirements are included in Section POW of the project manual for the Contractor's reference.

10. Traffic Control (Section 01570)

- The work area is a densely populated residential neighborhood
- Provide detailed traffic control plan for approval prior to the start of work. A work plan of the area road network is provided for the Contractor's benefit in Section 01570 of the project manual. The Contractor should anticipate the following conditions pertaining to the maintenance of traffic.
 - Closures to through traffic will be conditionally allowed
 - Road closures will require approved detour routes and sign packages.
 - Access to residential properties and businesses must be provided at all times:
 - During working hours, local traffic shall be accommodated
 - Suitable detours must be provided
 - During non-working hours roads shall be open at all times to traffic.
 - All excavations shall be backfilled daily and it will not be acceptable to plate excavations overnight.
 - Pedestrian traffic
 - Safe pedestrian travel will need to be maintained throughout the project

11. Work Hours

- The contract time for completion is based on work hours from 7 am to 5 pm. Work prior to 7 am or after 5pm will require approval by the City.

12. Community Information (Section 01201)

The Contractor is required to provide the following:

- Prepare a brief written narrative of upcoming work areas and schedules (2 week projection)
- Maintain a complaint tracking system (Sample complaint form is provided, section 01201)
- Provide a 24-hour contact person for emergencies
- Attend public informational meetings upon request (one anticipated)

13. Geotechnical Report

- Geotechnical probe data are included in the Appendix. Contractor should note construction considerations included in the geotechnical report

14. Archaeological and Historic Sensitivity

- While no archeological sensitive areas are identified, the Contractor should be alert for historical artifacts.

15. Maintenance of Active Sewer Lines (Item #1.0)

- Higher flows can be anticipated within the combined sewer both during and following rain events. Contractor will need to consider weather when sequencing construction

operations. Maintenance of existing combined sewer flows will be the Contractor's responsibility.

16. Utilities

Gas

- Gas lines are owned by Unitil.
- Unitil has replaced their horizontally conflicting mains within the project area. The Contractor shall review locations with and coordinate scheduling with the gas company for any lines still problematic.
- Coordination with Unitil will be required to complete vertical relocations and protect any existing gas main which may interfere with proposed work. Typically, Unitil will relocate lines during installation of the other proposed utilities with excavation provided by the general contractor. This additional excavation should be considered subsidiary to the work.

Other

- Conflicts or excavation beneath unknown utilities not identified on the plans or in the contract documents may exist. The Contractor is to assume that each property has one water, one sewer, and one gas service each. Items 6D and 6E are provided to facilitate payment for additional service crossings (more than one of each utility for each property) or for main line utility crossings that are not shown on the drawings, Item 6D or for repairs to utilities (Item #6E) not shown on the drawings and not marked in the field (DIGSAFE). Excavation, backfill and protection of new gas mains and services to be installed by the gas company will not be considered for payment under Items 6D and 6E.

17. Staging Area and Office Trailer

The only area available is the RR area. Office trailer is not required.

18. Testing

- Sewer pipe, including service laterals to the property line, and sewer manholes will require testing
- Water mains will require pressure and bacteria testing.
 - *The Contractor shall coordinate all testing with the City. Bacteriological testing services of new water mains will be provided by the City of Portsmouth Water Department. However, the Contractor will remain responsible for coordination, sampling in advance and payment for lab testing.*
- Drains are subject to visual observation and shall be cleaned prior to acceptance.
- Material and compaction testing will be completed of all aggregates under the direction of the Engineer. Contractor shall provide material samples and test reports as required.

- An allowance for soil and compaction testing is included in covered in Item 6.10.

19. Raising of Castings, Covers, and Grates

- The Unit price for new structures (manholes) includes the cost to raise structures once, to either base pavement elevation or finish pavement elevation, as directed by the Engineer.
- Items 1.5A, 2.5A, have been included to raise all new and existing structures a second time, to final grade if required. If structures are only raised once, these items will not be measured for payment.

20. Re-Routing of Interior Plumbing

None Planned

21. Quality of Life

The project is located in a densely populated residential neighborhood with many young families, children and a considerable volume of pedestrian traffic. Offensive language will not be tolerated. The Contractor will be required to carry out the work in a professional and orderly manner, and to keep the work area neat as possible. Construction impacts will need to be mitigated to the extent possible.

22. Questions

Q What is the engineers estimate for the project?

A \$1,372,000

Q During the pre-bid meeting it was mentioned that there was an error in the scale of the contract drawings. While trying to complete a takeoff of the quantities I have found that the lengths of the stationing on the plans are over 11% more than the scale bar included in the legend. While the lengths included in the profile do agree with the scale bar included in the legend. Which scale is correct?

A *The scales of the drawings 2, 3, & 4 of 9 originally posted online were inaccurate. Revised drawings are included in this addendum.*

Q On drawing 3 of 9, the profile shows the 12" Sewer between SMH 2298 and SMH 2298A as being existing, while the plans show it as proposed. Is it proposed or existing? Also, if it is existing are the two drain services shown on the plan to be connected to that segment of drain existing as well? Or are they to be installed on this project

A *The sewer is already installed and tested up to SMH 2298A. The sewer service to house #98 Brewster is also complete. However, the water and drain service lines to this*

house are part of this contract. The temporary tie in above SMH 2298A will need to be removed and replaced by the permanent pipe.

Additional:

1. **Revise the Substantial Completion definition** in the bid to delete the requirement for sidewalk and curb completion prior to November 23, 2016, however, the City will require all utility work and binder pavement (including driveways) to be complete by that date. Also, the City will require usable compacted gravel sidewalks in place prior to winter. These temporary walkways are subsidiary to the project and will not be paid for additionally although if the material meets specifications for the sidewalk gravel, it can remain in place and be reused during sidewalk construction.

2. Add the following:

Section P-O-W (Prosecution of Work)

Paragraph 17.1 – Baseline requirements

ADD the following sentences to the bullet list in the second paragraph:

- “It shall be the Contractor’s responsibility to document and track all excavated materials (regulated and non-regulated) in accordance with applicable local, state, and federal regulations and providing said documentation to the Owner at the completion of the project or upon request.”

Section 01025 – Measurement and Payment

Item 1.15B - Management of Soils and Materials

ADD the following after paragraph B.2.g:

- ”h. Said unit price shall be considered full compensation for documenting and tracking all excavation materials (regulated and non-regulated) in accordance with applicable local, state, and federal regulations. Said documentation shall be provided to the Owner at the completion of the project or upon request.”

Section 13100 – Management and Disposal of Soils and Groundwater

Paragraph 1.2

ADD the following:

“B. Work shall include documenting and tracking all excavation materials (regulated and non-regulated) in accordance with applicable local, state, and federal regulations.

1. Said documentation shall be provided to the Owner at the completion of the project or upon request.”

Continue below for the pre-bid meeting sign in sheet and the replacement drawings, pages 2, 3 and 4

End of Addendum 1

PRE-BID MEETING AGENDA

MCDONOUGH AREA, AREA 3B

CITY OF PORTSMOUTH, NH

Portsmouth Department of Public Works

680 Peverly Hill Road

June 16, 2016 (10:00AM)

Attendees

Representing

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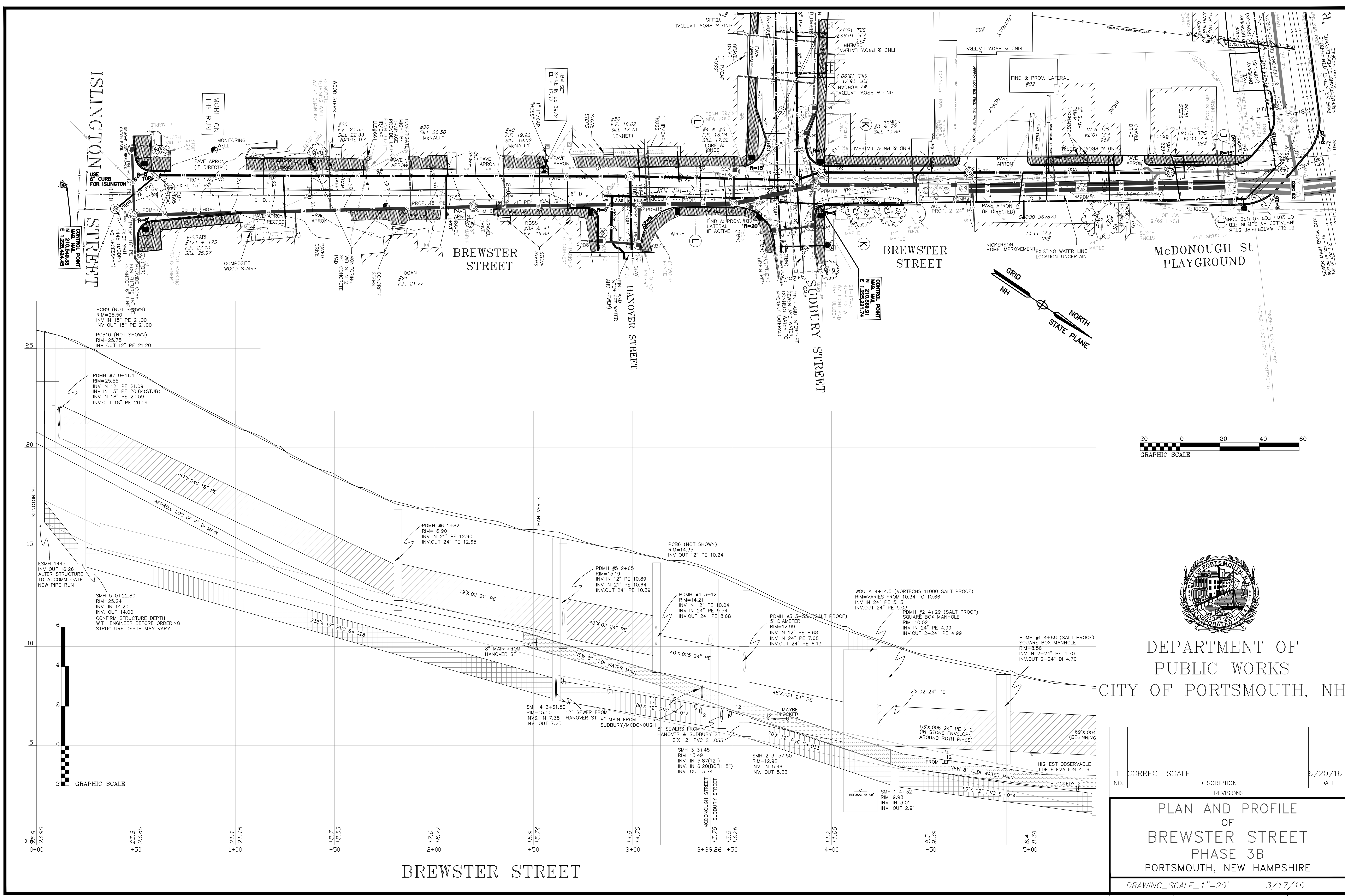
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DEPARTMENT OF
PUBLIC WORKS
CITY OF PORTSMOUTH, NH

| NO. | DESCRIPTION | DATE |
|-----------|---------------|---------|
| 1 | CORRECT SCALE | 6/20/16 |
| REVISIONS | | |

**PLAN AND PROFILE
OF
BREWSTER STREET
PHASE 3B
PORTSMOUTH, NEW HAMPSHIRE**

DRAWING_SCALE_1"=20' 3/17/16

EX CATCH BASIN TABLE EX DRAIN MANHOLE TABLE PR SEWER MANHOLE TABLE PR DRAIN MANHOLE TABLE PR CATCH BASIN TABLE

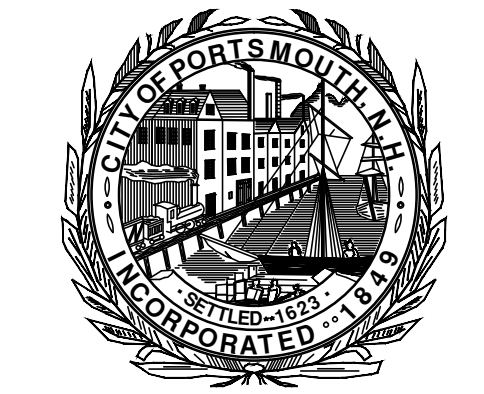
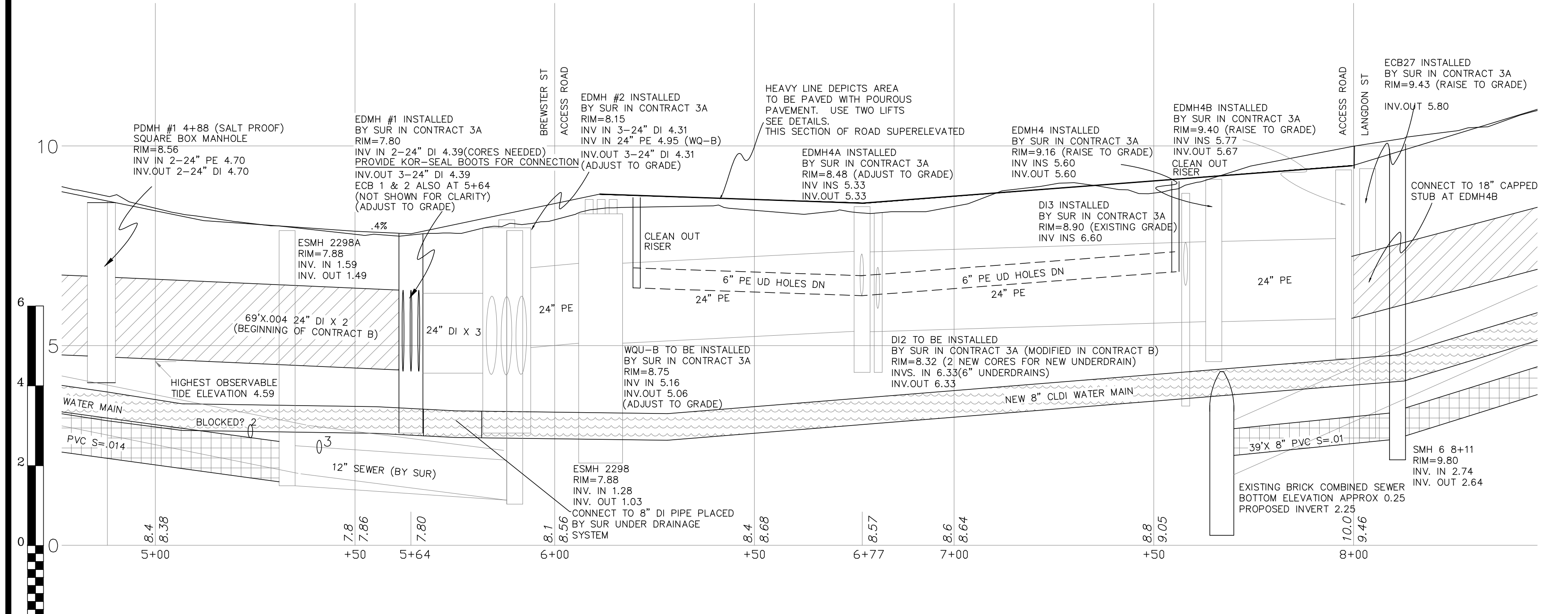
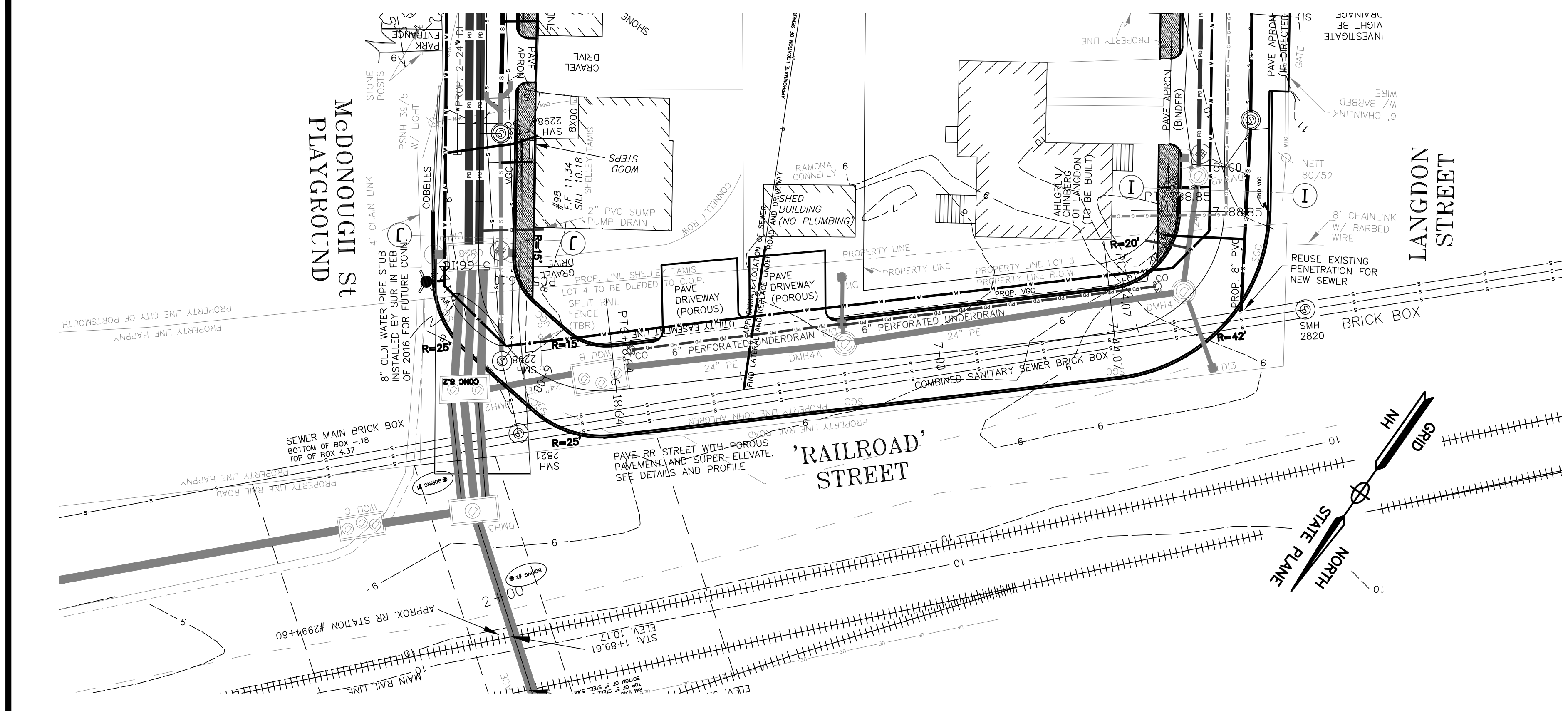
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|--|--|--|---|--|
| <p>CB 15 RIM 19.11 INV. IN 16.71 (E) (6" CMP) INV. IN 12.66 (NE) (12" PVC) INV. OUT 10.21 (N) (12" CMP)</p> <p>CB 16 RIM 19.14 INV. OUT 16.71 (W)(12" CMP)</p> <p>CB 17 RIM 16.95 INV. IN 10.36 (E) (2)(12" CMP) INV. OUT 9.85 (N) (2)(12" CMP)</p> <p>CB 18 RIM 16.29 INV. IN (S) 9.84 (2)(12" CMP) INV. OUT 9.78 (W)(18" CMP)</p> <p>CB 19 RIM 15.94 INV. IN (E) 10.39 (2)(12" CMP) INV. OUT (W) 10.34 (2)(12" CMP)</p> <p>CB 20 RIM 15.58 INV. IN (E) 10.46 (15" CMP) INV. OUT (W) 10.43 (2)(12" CMP)</p> <p>CB 21 RIM 14.02 INV. IN (NE) 10.93 15" AH INV. IN (NW) 10.91 12" CMP INV. OUT (SW) 10.84 15" AH</p> <p>CB 22 RIM 13.42 INV. OUT (SE) 11.02 12" CMP</p> <p>CB 23 RIM 14.18 INV. IN (NW) 11.13 12" AH</p> <p>CB 24 RIM 13.67 INV. IN (SW) 10.81 15" AH INV. IN (NW) 10.86 15" AH INV. OUT (NE) 10.85 15" AH</p> <p>CB 25 RIM 13.06 INV. OUT (SE) 10.76 15" AH</p> <p>CB 26 RIM 15.51 INV. OUT (W) 12.60 6" CIP</p> <p>CB 27 RIM 9.40 INV. 5.67 6" VC SUMP 2.81</p> <p>CB 28 RIM 7.54 INV. IN (NW) 5.03 10" PVC</p> <p>CB 29 RIM 25.77 INV. IN (SW) 22.17 6" CIP INV. OUT (SE) 21.77 6" CIP</p> | <p>DMH 5 RIM 18.76 INV. IN (E)9.87 (18" CMP) INV. IN (S) 10.0± INV. OUT (W) 9.86 (24" CMP)</p> <p>DMH 6 RIM 10.87 RECESSED TOP OF WATER 1.78 NOTE: DMH HAS SMH COVER</p> <p>DMH 7 RIM 25.76 INV. OUT (W) 22.01 (6" CIP) INV. IN (S) 22.36 (4" PVC)</p> <p>DMH 8 RIM 10.76 INV. OUT 1.67</p> <p>OUTFALL AT POND 48" RCP TOP OF 5" STEEL 5.96 BOTTOM OF BOX 5.48</p> | <p>SMH 1 4+32 (BREWSTER) RIM=9.98 INV. IN 3.01 INV. OUT 2.91 SMH 2 3+57.50 (BREWSTER) RIM=12.92 INV. IN 5.46 INV. OUT 5.33 SMH 3 3+45 (BREWSTER) RIM=13.49 INV. IN 5.87(12") INV. IN 6.20(BOTH 8") INV. OUT 5.74 SMH 4 2+61.50 (BREWSTER) RIM=15.50 INVS. IN 7.38 INV. OUT 7.25 SMH 5 0+22.80 (BREWSTER) RIM=25.24 INV. IN 14.20 INV. OUT 14.00 SMH 6 8+11 (LANGDON) RIM=9.80 INV. IN 2.74 INV. OUT 2.64 SMH 7 10+03 (LANGDON) RIM=15.50 INV. INs 8.72 INV. OUT 8.62 SMH 8 12+31 (LANGDON) RIM=21.50 INV. IN (NE) 10.93 15" AH INV. IN (NW) 10.91 12" CMP INV. OUT 11.33 SMH 9 12+97 (LANGDON) RIM=25.80 INV. OUT 18.72 SMH 10 0+43 (McDONOUGH) RIM=18.45 INV. IN 15.30 INV. OUT 11.33 SMH 11 2+40 (McDONOUGH) RIM=15.10 INV. OUT 7.96</p> | <p>SDMH #1 4+88 (SALT PROOF INTERIOR) 6'x6' ID CONCRETE SQUARE MANHOLE RIM=8.56 INV. IN 2-24" PE 4.70 INV. OUT 2-24" DI 4.70 SDMH #2 4+29 (SALT PROOF INTERIOR) 6'x6' ID CONCRETE SQUARE MANHOLE RIM=10.02 INV. IN 24" PE 4.99 INV. OUT 2-24" PE 4.99 WQU A 4+14.5 (VORTECHS 11000 SALT PROOF) RIM=VARIES FROM 10.34 TO 10.66 INV. IN 24" PE 5.13 INV. OUT 24" PE 5.03 SDMH #3 3+55.0 (5' DIAM.) RIM=12.99 INV. IN 12" PE 8.68 INV. IN 24" PE 7.68 INV. OUT 24" PE 6.13 SDMH #4 3+12 RIM=14.21 INV. IN 12" PE 10.04 INV. IN 24" PE 9.54 INV. OUT 24" PE 9.54 SDMH #5 2+65 RIM=15.19 INV. IN 12" PE 10.89 INV. IN 21" PE 10.64 INV. OUT 24" PE 10.39 SDMH #6 1+82 RIM=16.90 INV. IN 21" PE 12.90 INV. OUT 24" PE 12.65 SDMH #7 0+11.4 RIM=25.55± (ADJUST AS NECESSARY) RIM=15.40 INV. IN 18" PE 20.59 INV. OUT 18" PE 20.59 SDMH #8 9+99 RIM=14.47 TOP OF 12" PE 10.70 INV. OUT 18" PE 10.10</p> | <p>PCB1 RIM=14.20 INV. 15" PE 9.40 PCB2 RIM=13.68 INV. 15" HAP 10.79 INV. 15" PE 9.25 PCB3 RIM=13.06 INVS 15" PE 9.00 PCB4 RIM=13.35 INVS 12" PE 8.96 PCB5 RIM=13.43 INV. 6" PE 10.63 INV. 12" PE 9.05 PCB6 RIM=14.35 INV. OUT 12" PE 10.24 PCB7 RIM=15.70 (ADJUST TO EX. GRADES) INV. OUT 12" PE 11.00 PCB8 RIM=15.70 (ADJUST TO EX. GRADES) INV. OUT 12" PE 11.10 PCB9 RIM=25.50 INV. IN 15" PE 21.00 INV. OUT 15" PE 21.00 PCB10 RIM=25.75 INV. OUT 12" PE 21.20 PCB11 RIM=14.54 INV. OUT 12" PE 10.80 PCB12 RIM=15.40 INVS 12" PE 11.26 PCB13 RIM=16.50 INV. IN 6" PE 13.7 INV. OUT 12" PE 11.95 PCB14 10+17 (3' SUMP) RIM=15.92 INV. IN 12" PE 11.69 INV. OUT 12" PE 11.69 PCB15 10+33 RIM=16.46 INV. IN 12" PE 11.98 INV. OUT 12" PE 11.98 CB 16 12+20 RIM=20.70 INV. IN 6" PE 16.96 INVS 12" PE 16.46 CB 17 12+20 RIM=20.70 INV. OUT 12" PE 16.66</p> |
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ELECTRIC MANHOLE TABLE

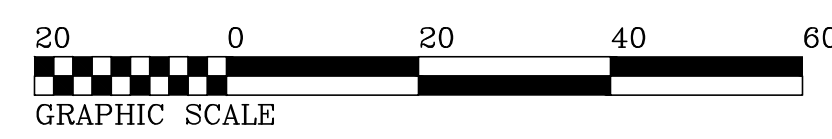
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|---|
| <p>EMH 1 RIM 9.48 TOP OF 5" STEEL 5.96 BOTTOM OF BOX 5.48</p> |
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EX SEWER MANHOLE TABLE

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|---|
| <p>SMH #1638 RIM 18.54' (S) 12" C.I. 12.93' (N) 12" C.I. 12.74'</p> <p>SMH #2297 RIM 15.92' (W) 6" PVC 12.19' (N) 6" PVC 12.14'</p> <p>SMH #5092 RIM 14.53' (N) 12" C.I. 10.25' (S) 10" C.I. 10.22'</p> <p>SMH #2820 RIM 9.40' BOTTOM OF BOX 0.30' TOP OF BOX 4.40'</p> <p>SMH #2821 RIM 8.42' BOTTOM OF BOX -0.18' TOP OF BOX 4.37'</p> <p>SMH #2298 RIM 7.88 (NW) 15" PVC 1.28 (NE) 12" PVC 1.18 (S) 10" PVC 4.42' (SE) 15" PVC 1.03' (SW) 12" PVC 1.39'</p> <p>SMH #1454 RIM 15.75' (SW) 10" VC 7.45' (SE) 15" PVC 9.49' (NE) 10" VC 7.45'</p> <p>SMH #2805 RIM 24.89 (NW) 15" PVC 15.10' (SW) 6" PVC 16.07' (SE) 15" PVC 15.27' (S) 12" PVC 18.45'</p> <p>SMH #1445 RIM 25.89' (NW) 12" PVC 16.26' (NE) 8" VC 16.35'</p> <p>SMH #1639 RIM 21.94 INV. IN 16.13 (6" PVC) INV. OUT 16.03 (6" CLAY)</p> |
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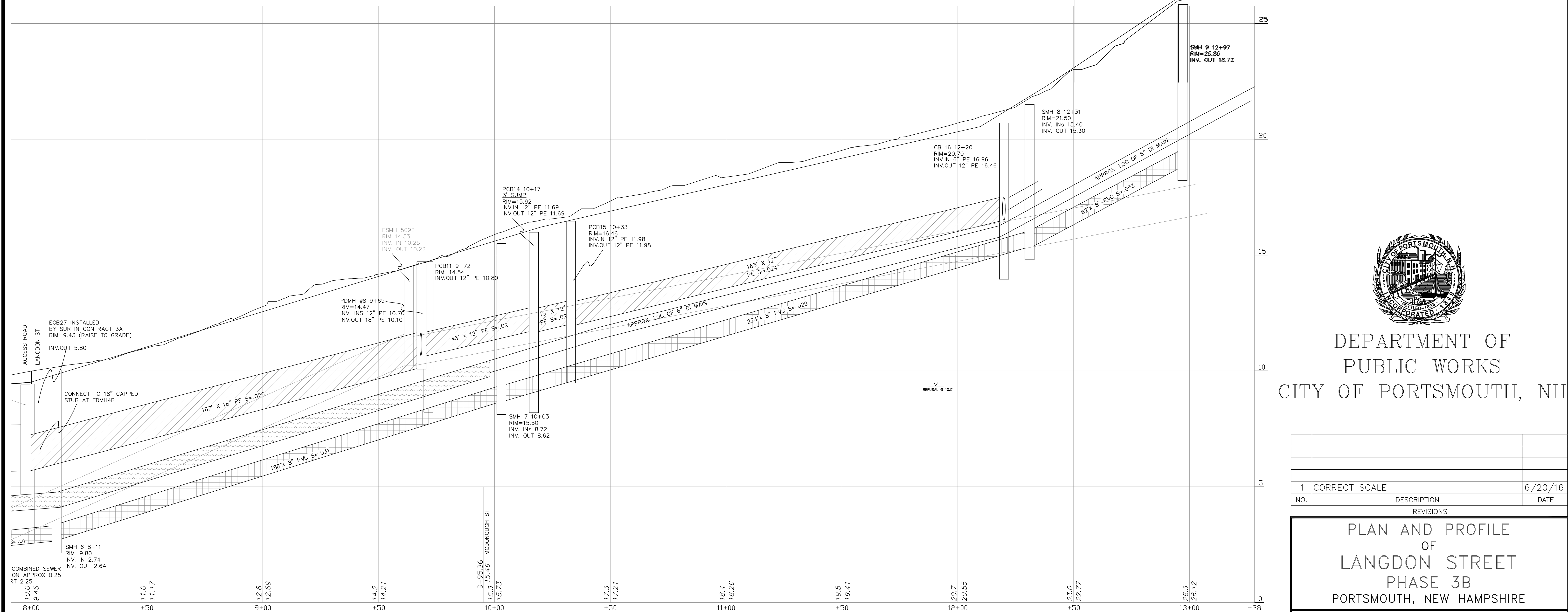
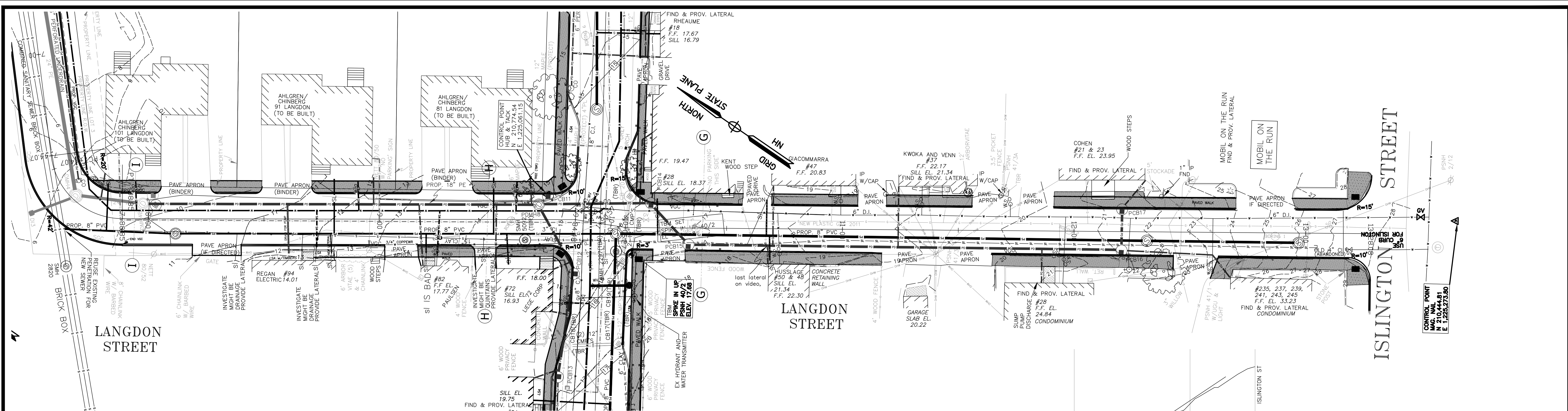
DEPARTMENT OF
PUBLIC WORKS
CITY OF PORTSMOUTH, NH



| | | |
|-----------|---------------|---------|
| 1 | CORRECT SCALE | 6/20/16 |
| NO. | DESCRIPTION | DATE |
| REVISIONS | | |

STREET PLAN
OF
RAILROAD STREET AREA
PHASE 3B
PORTSMOUTH, NEW HAMPSHIRE

DRAWING_SCALE_1"=20' 3/17/16



DEPARTMENT OF
PUBLIC WORKS
CITY OF PORTSMOUTH, NH

| NO. | DESCRIPTION | DATE |
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| 1 | CORRECT SCALE | 6/20/16 |
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PLAN AND PROFILE
OF
LANGDON STREET
PHASE 3B
PORTSMOUTH, NEW HAMPSHIRE

DRAWING_SCALE_1"=20' 3/17/16