

# **HIGH-HANOVER RESTORATION PROJECT**

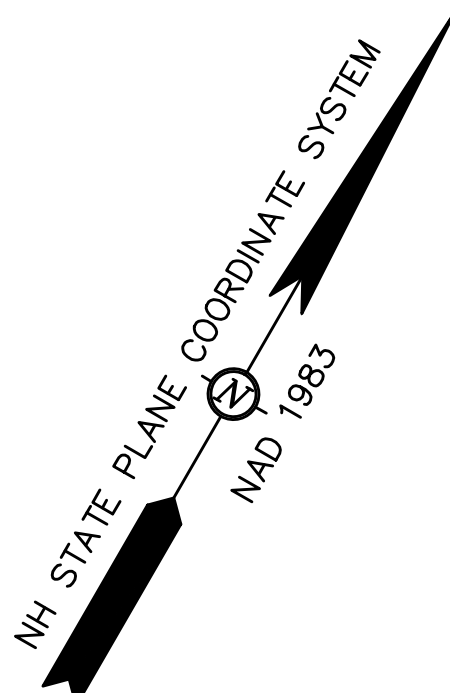
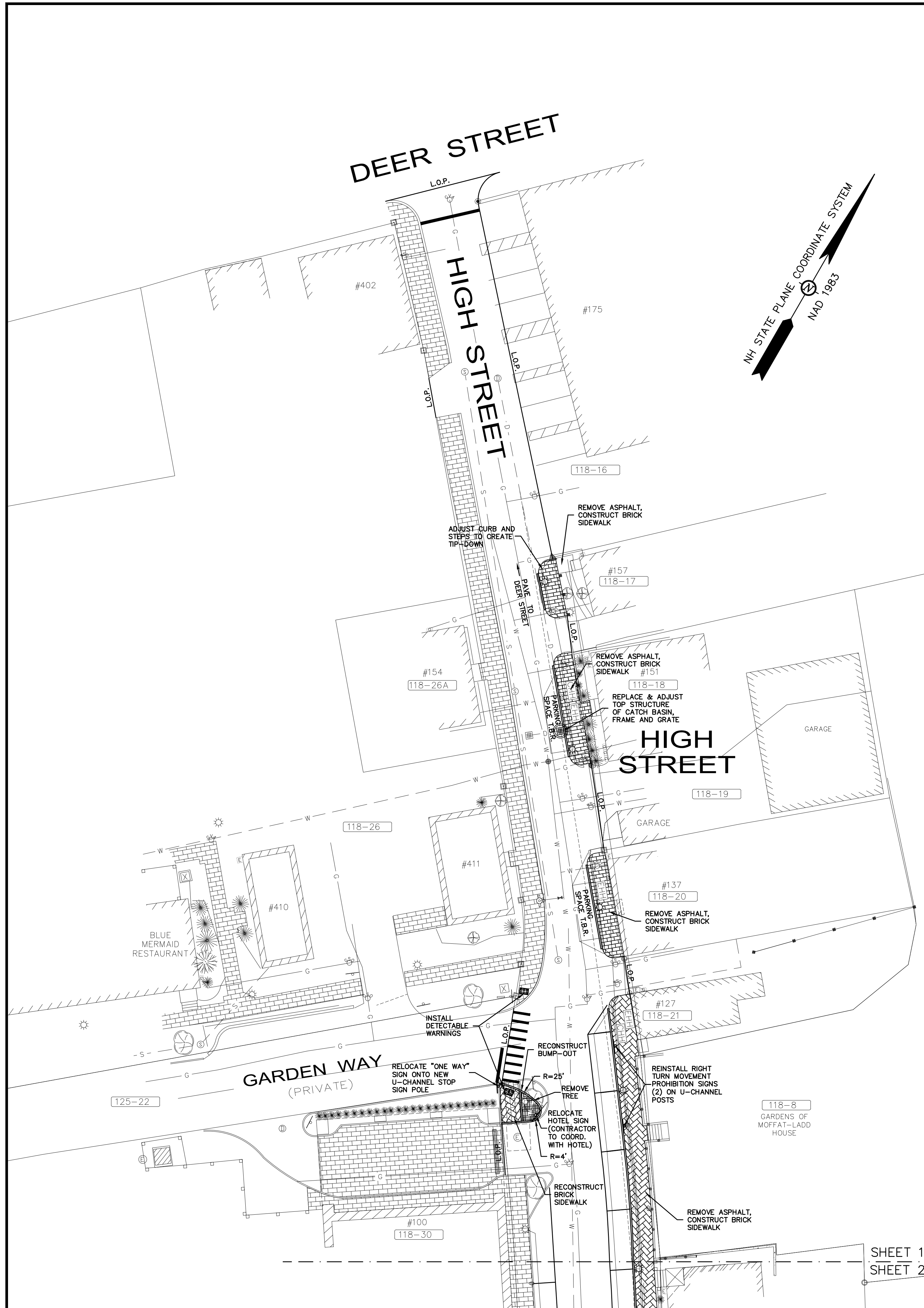
**PROJECT #7199  
BID #36-17**



CONTACT NUMBERS:

*PUBLIC WORKS 427-1530  
PORTSMOUTH WATER 427-1552  
POLICE DETAILS 610-7412  
PROJECT FLAGGING 622-9302  
GAS LEAK EMERGENCY 866-900-4115*

DEPARTMENT OF  
PUBLIC WORKS  
CITY OF PORTSMOUTH, NH  
SPRING 2016



- LEGEND:**
- ..... IRON ROD
  - ..... IRON PIPE
  - ..... BOUND as DESCRIBED
  - ▲ ..... RAILROAD SPIKE
  - △ ..... SURVEY NAIL SET
  - ⊙ ..... DRILL HOLE
  - PHA ..... PORTSMOUTH HOUSING AUTHORITY
  - ..... CHAIN LINK FENCE
  - ..... WOOD FENCE
  - ..... WOOD FENCE POST
  - ..... STEEL FENCE POST
  - BA ..... BELL ATLANTIC
  - EH ..... EXETER HAMPTON ELECTRIC CO.
  - FP ..... FAIRPOINT
  - NETT ..... NEW ENGLAND TEL. & TEL. CO.
  - PSNH ..... PUBLIC SERVICE CO. OF NH
  - VZ ..... VERIZON
  - 110-5 ..... TAX SHEET - LOT NUMBER
  - RCRD ..... ROCKINGHAM COUNTY REGISTRY OF DEEDS
  - EOP ..... EDGE OF PAVEMENT
  - ETW ..... EDGE OF TRAVELLED WAY
  - SAC ..... SLOPED FACED ASPHALT CURB
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  - RWM ..... MORTARED RETAINING WALL
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  - RWG ..... GRANITE RETAINING WALL
  - ⊙ ..... BOLLARD
  - ⊙ ..... SIGN
  - ⊙ ..... DOUBLE POST SIGN
  - ⊙ ..... HANDICAP SPACE
  - ⊙ ..... UTILITY POLE W/TRANSFORMER
  - ☆ ..... LIGHT POLE
  - ..... UTILITY POLE WITH ARM & LIGHT
  - ⊙ ..... ELECTRICAL MANHOLE
  - ..... ELECTRICAL CONDUIT
  - ⊙ ..... PAD MOUNTED TRANSFORMER
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  - ⊙ ..... ELECTRIC METER
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  - ⊙ ..... HVAC UNIT
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  - ⊙ ..... GUY
  - BS/CS ..... BLACK STEEL/COATED STEEL GAS LINE
  - PP/PL ..... PLASTIC GAS LINE
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  - ⊙ ..... GAS SHUT OFF
  - ⊙ ..... GAS VALVE
  - ⊙ ..... WATER GATE VALVE
  - ⊙ ..... WATER SHUT OFF VALVE
  - ⊙ ..... HYDRANT
  - ⊙ ..... SIAMESE FIRE CONNECTION
  - ⊙ ..... CATCH BASIN
  - ⊙ ..... CATCH BASIN
  - ⊙ ..... DRAIN MANHOLE
  - ⊙ ..... SEWER MANHOLE
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  - ⊙ ..... CONIFEROUS TREE
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  - UGT - ..... UNDERGROUND TELEPHONE
  - UGW - ..... UNDERGROUND WIRES
  - UGTV - ..... UNDERGROUND CATV/DATA
  - OHW - ..... OVERHEAD WIRES
  - OHE - ..... OVERHEAD ELECTRIC
  - OHT - ..... OVERHEAD TELEPHONE
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- NOTES:**
- THIS PLAN WAS PREPARED BY JAMES VERRA AND ASSOC., INC. FOR CIVILWORKS, INC. THIS PLAN WAS PREPARED TO SUPPORT PSNH EFFORTS TO MOVE OVERHEAD UTILITIES BELOW GROUND. THIS PLAN IS BASED ON A FIELD SURVEY BY JAMES VERRA AND ASSOC., INC. PERFORMED MARCH, APRIL 2014 AND RECORD INFORMATION.
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  - HORIZONTAL DATUM: NAD 1983 (1986 CONTROL ADJUSTMENT)  
PRIMARY BM: CITY CONTROL POINT "ALBA"  
ON SITE CONTROL ESTABLISH USING SURVEY GRADE GPS UNITS.

MAP-LOT	OWNER OF RECORD	DEED REF.
PARCEL "3D"	HEIRS OF JOHN E. SWANSON	1700/134
117-1	CITY OF PORTSMOUTH	SEE PLAN
117-16	CITY OF PORTSMOUTH	3348/505
117-29	38 MARKET STREET CONDOMINIUM	4864/1531
117-30	CAPITAL SECURITY FINANCIAL SERVICES, INC.	2839/1290
117-31	NANCY H. ALEXANDER	2901/148
117-32	THE 50-52 MARKET STREET REALTY TRUST	3029/2018
117-33	PETER R. EGELSTON, TRUSTEE	3121/444
117-34	KAYLA REALTY, LLC	4057/475
117-35	JESSICA REALTY, LLC	4057/434
117-36	KRS REALTY, LLC	3506/1271
117-47	PAUL D. SORLI	3036/1448
118-6	100 MARKET STREET, LLC	3485/971
118-8	THE NATIONAL SOCIETY OF COLONIAL DAMES OF AMERICA	1538/245
	THE "MOFFATT-LADD" HOUSE	
118-16	GALARO PROPERTIES, LLC	5159/2413
118-17	LEON V. & MARGARET A. FREDETTE	3224/617
118-18	MICHAEL J. LACROIX	3398/1240
118-19	MICHAEL J. LACROIX	3398/1240
118-20	KIMBERLY A. LUCY & JAMES C. LUCY, TRUSTEES	5198/598
118-21	KIMBERLY A. LUCY & JAMES C. LUCY, TRUSTEES	5198/600
118-22	JOSEPH J. & JENNIFER ALMEIDA	4248/2694
118-23	HIGH HANOVER CONDOMINIUM	2546/2583
118-24	JEFFREY H. MARPLE, TRUSTEE	5291/266
118-24-1	JEFFREY H. MARPLE, TRUSTEE	5291/266
118-26	THE HILL OF PORTSMOUTH, N.H. CONDOMINIUM	3538/2793
118-26A	NEW HAMPSHIRE LEGAL ASSISTANCE, INC.	2337/258
118-30	PARADE HOTEL, LLC	4441/1747
125-22	PARADE RESIDENCE HOTEL, LLC	5011/121

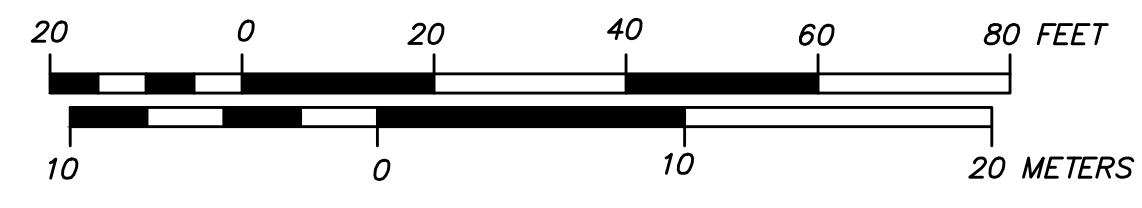
NO.	DATE	BY	REVISION

**CONSTRUCTION PLAN 1**  
**FOR**  
**HIGH-HANOVER AREA**  
**RESTORATION PROJECT**  
**PORTSMOUTH, NEW HAMPSHIRE**

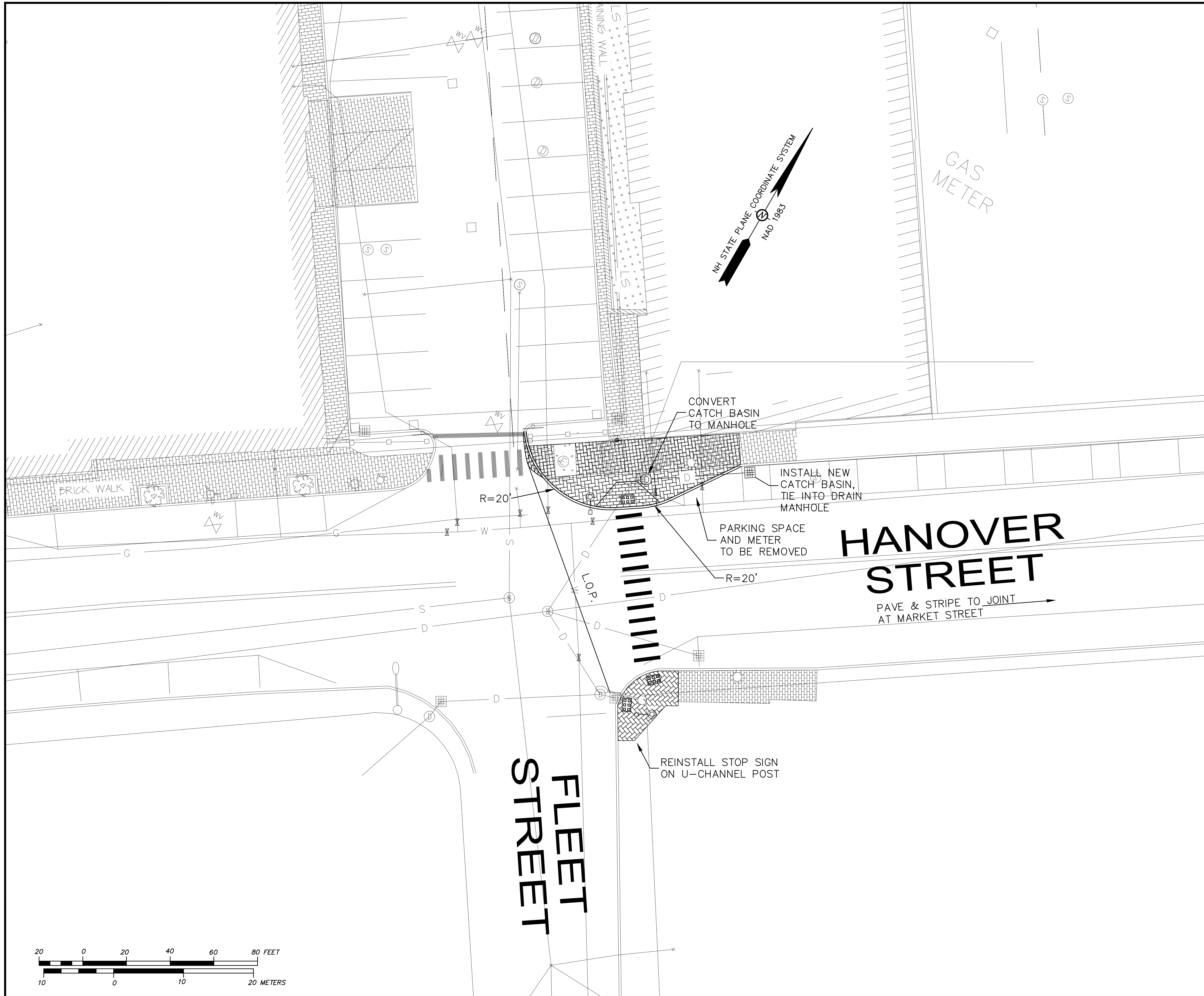


DESIGN: RAF
SCALE: 1"=20'
DATE: 1/18/17
SHEET: 2 OF 11
PROJECT # 7199

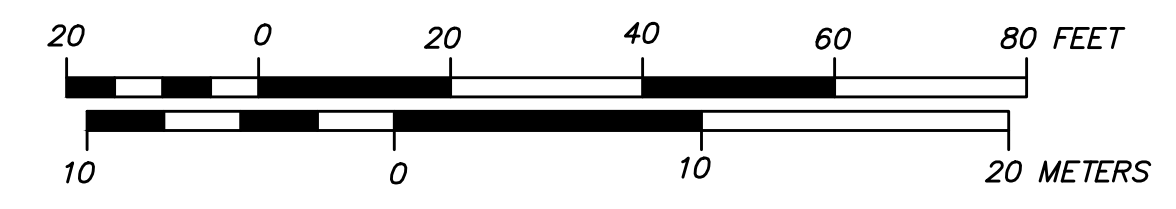
SHEET 1  
SHEET 2








- LEGEND:**
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  - ..... IRON PIPE
  - ..... BOUND as DESCRIBED
  - ▲ ..... RAILROAD SPIKE
  - ▲ ..... SURVEY NAIL SET
  - ..... DRILL HOLE
  - PHA ..... PORTSMOUTH HOUSING AUTHORITY
  - ..... CHAIN LINK FENCE
  - ..... WOOD FENCE
  - ..... WOOD FENCE POST
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  - ⊙ ..... BOLLARD
  - ..... SIGN
  - ..... DOUBLE POST SIGN
  - ..... HANDICAP SPACE
  - ..... UTILITY POLE W/TRANSFORMER
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  - ..... UTILITY POLE WITH ARM & LIGHT
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  - ..... ELECTRICAL CONDUIT
  - ⊞ ..... PAD MOUNTED TRANSFORMER
  - ..... ELECTRICAL BOX
  - ..... ELECTRIC METER
  - ..... FIRE ALARM BOX
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  - ..... TELEPHONE RISER
  - ..... TRANSFORMER
  - ..... GUY
  - BS/CS ..... BLACK STEEL/COATED STEEL GAS LINE
  - PP/PL ..... PLASTIC GAS LINE
  - ..... GAS METER
  - ..... GAS SHUT OFF
  - ..... GAS VALVE
  - ..... WATER GATE VALVE
  - ..... WATER SHUT OFF VALVE
  - ..... HYDRANT
  - ..... SIAMESE FIRE CONNECTION
  - ..... CATCH BASIN
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No.	DATE	BY	REVISION

**CONSTRUCTION PLAN 3**  
**FOR**  
**HIGH-HANOVER AREA**  
**RESTORATION PROJECT**  
 PORTSMOUTH, NEW HAMPSHIRE



DESIGN:	RAF
SCALE:	1"=20'
DATE:	1/18/17
SHEET:	4 OF 11
PROJECT #	7199

# HANOVER STREET

ASPHALT PAVEMENT  
SIDEWALK REPAIR

REINSTALL  
STOP SIGN

R=10'

CONSTRUCT  
ADA-COMPLIANT  
TIP-DOWN

126  
55

#64

REINSTALL  
PARKING  
SIGN

INSTALL  
BIKE RACK

INSTALL  
BIKE RACK

ASPHALT PAVEMENT  
DRIVEWAY APRON

126  
53

#44

INSTALL  
BIKE RACK

LIMIT OF SIDEWALK  
CONSTRUCTION

#40

# BRIDGE STREET

### LEGEND:

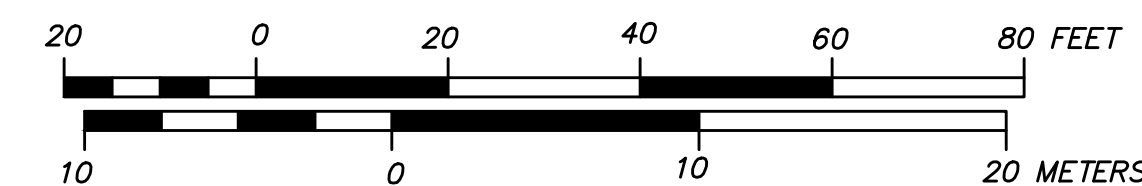
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- ▲ ..... RAILROAD SPIKE
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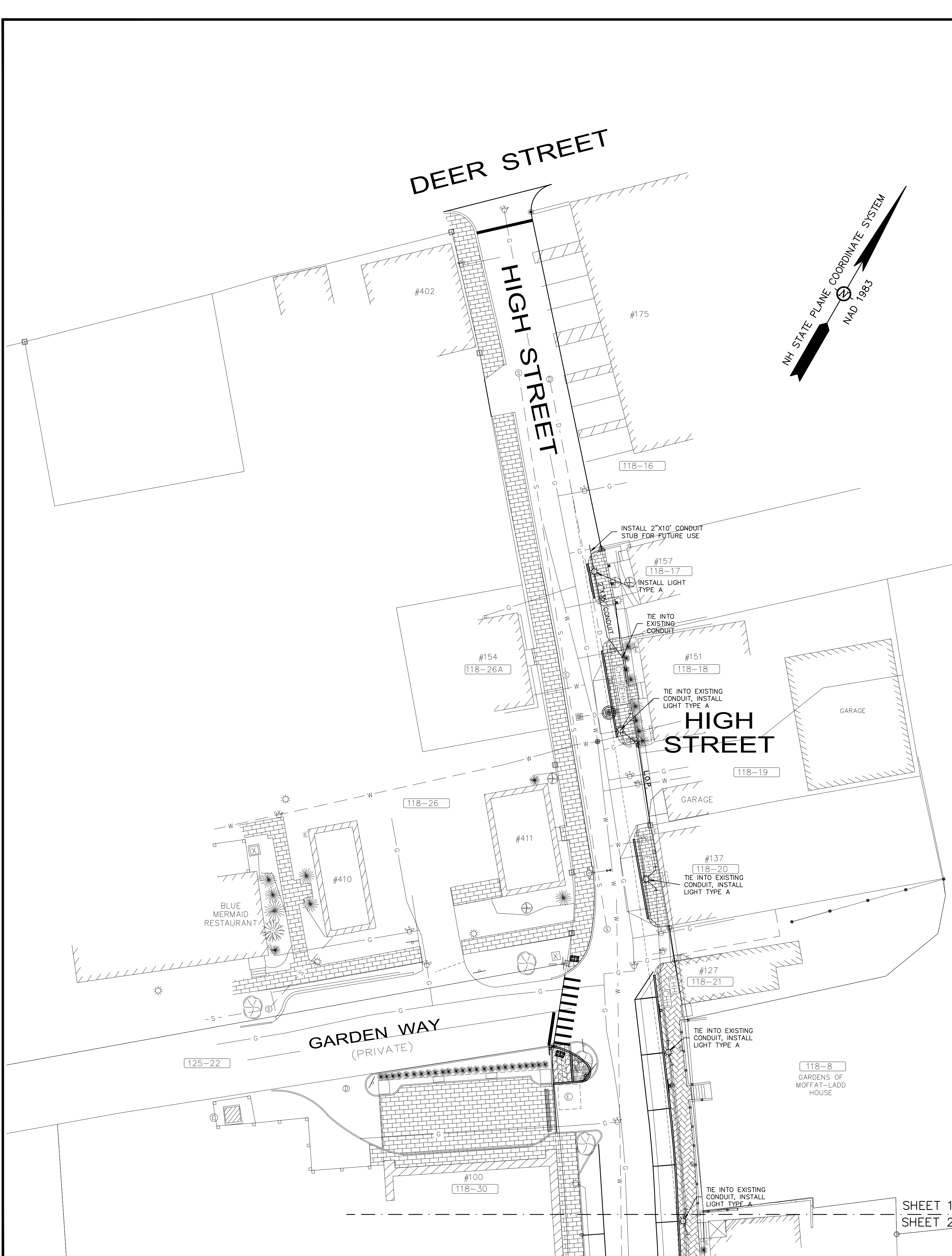
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CONSTRUCTION PLAN 4  
ADDITIVE ALTERNATIVE #1  
FOR  
HIGH-HANOVER AREA  
RESTORATION PROJECT  
PORTSMOUTH, NEW HAMPSHIRE



DESIGN: RAF  
SCALE: 1"=20'  
DATE: 1/18/17  
SHEET: 5 OF 11  
PROJECT # 7199





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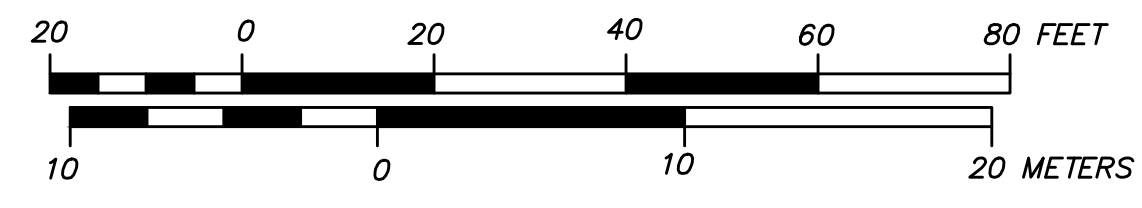
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**LIGHTING PLAN 1**  
**FOR**  
**HIGH-HANOVER AREA**  
**RESTORATION PROJECT**  
**PORTSMOUTH, NEW HAMPSHIRE**



DESIGN: RAF
SCALE: 1"=20'
DATE: 1/18/17
SHEET: 6 OF 11
PROJECT # 7199



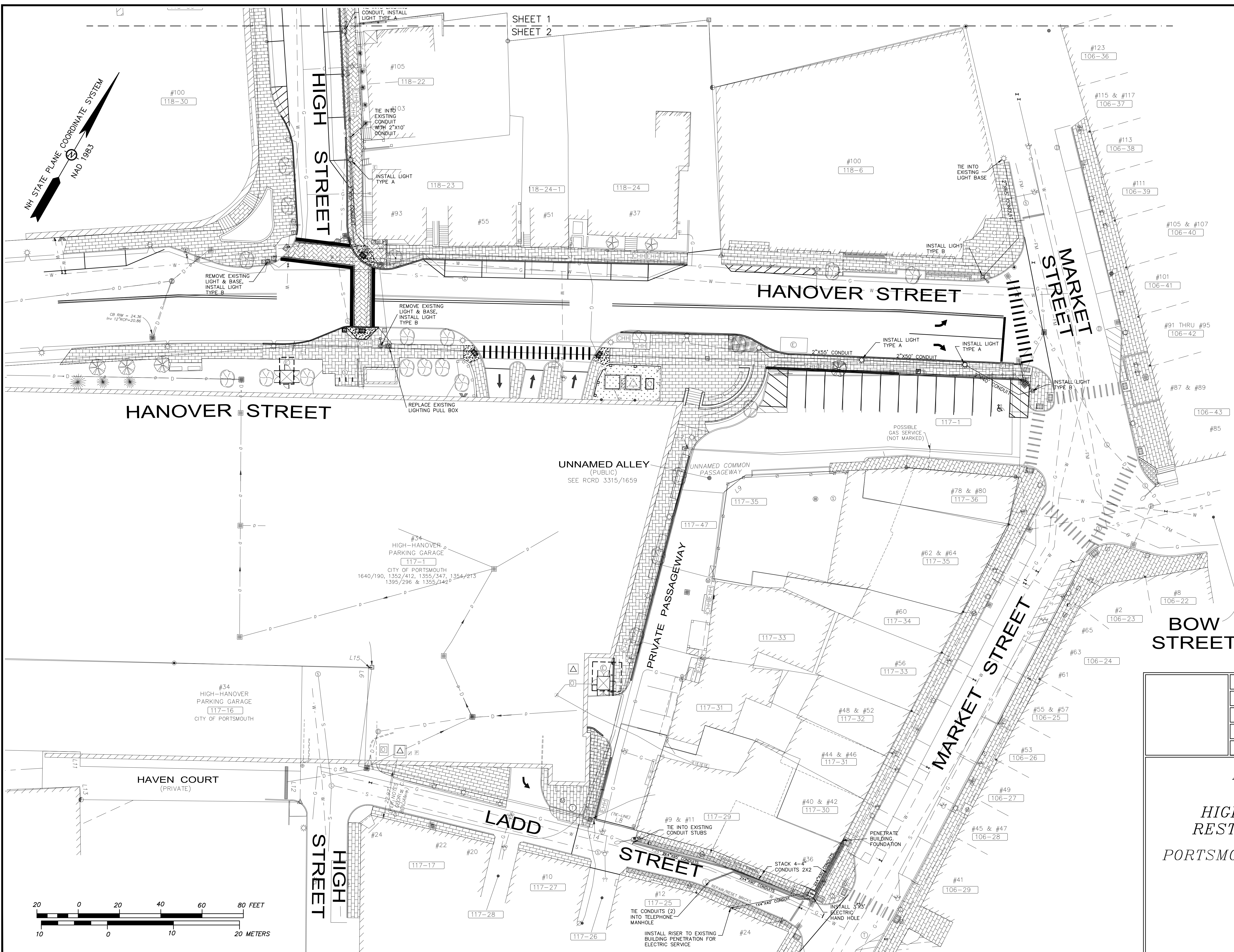
SHEET 1  
SHEET 2

NH STATE PLANE COORDINATE SYSTEM  
NAD 1983

SHEET 1  
SHEET 2

**LEGEND:**

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- VZ ..... VERIZON
- 110-5 ..... TAX SHEET - LOT NUMBER
- RCRD ..... ROCKINGHAM COUNTY REGISTRY OF DEEDS
- EOP ..... EDGE OF PAVEMENT
- ETW ..... EDGE OF TRAVELLED WAY
- SAC ..... SLOPED FACED ASPHALT CURB
- VGC ..... VERTICAL FACED GRANITE CURB
- RWC ..... CONCRETE RETAINING WALL
- RWM ..... MORTARED RETAINING WALL
- RWS ..... STONE RETAINING WALL
- RWW ..... WOOD RETAINING WALL
- RWG ..... GRANITE RETAINING WALL
- ..... BOLLARD
- ..... SIGN
- ..... DOUBLE POST SIGN
- ..... HANDICAP SPACE
- ..... UTILITY POLE W/TRANSFORMER
- ..... LIGHT POLE
- ..... UTILITY POLE WITH ARM & LIGHT
- ..... ELECTRICAL MANHOLE
- ..... ELECTRICAL CONDUIT
- ..... PAD MOUNTED TRANSFORMER
- ..... ELECTRICAL BOX
- ..... ELECTRIC METER
- ..... FIRE ALARM BOX
- ..... HVAC UNIT
- ..... TELEPHONE RISER
- ..... TRANSFORMER
- ..... GUY
- BS/CS ..... BLACK STEEL/COATED STEEL GAS LINE
- PP/PL ..... PLASTIC GAS LINE
- ..... GAS METER
- ..... GAS SHUT OFF
- ..... GAS VALVE
- ..... WATER GATE VALVE
- ..... WATER SHUT OFF VALVE
- ..... HYDRANT
- ..... SIAMESE FIRE CONNECTION
- ..... CATCH BASIN
- ..... CATCH BASIN
- ..... DRAIN MANHOLE
- ..... SEWER MANHOLE
- ..... SEWER CLEAN OUT
- ..... CONIFEROUS TREE
- ..... DECIDUOUS TREE
- ..... CONIFEROUS SHRUB
- ..... DECIDUOUS SHRUB
- W — ..... WATER LINE
- S — ..... SEWER LINE
- D — ..... DRAIN LINE
- G — ..... GAS LINE
- FM — ..... FORCE MAIN
- UGE — ..... UNDERGROUND ELECTRIC
- UGT — ..... UNDERGROUND TELEPHONE
- UGW — ..... UNDERGROUND WIRES
- UGTW — ..... UNDERGROUND CATV/DATA
- OHW — ..... OVERHEAD WIRES
- OHE — ..... OVERHEAD ELECTRIC
- OHT — ..... OVERHEAD TELEPHONE
- CATV — ..... OVERHEAD CATV/DATA

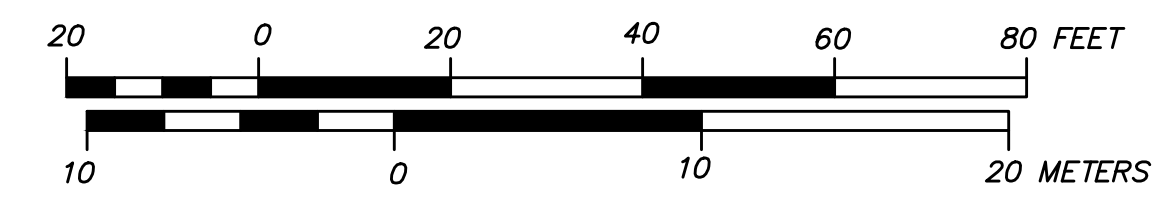


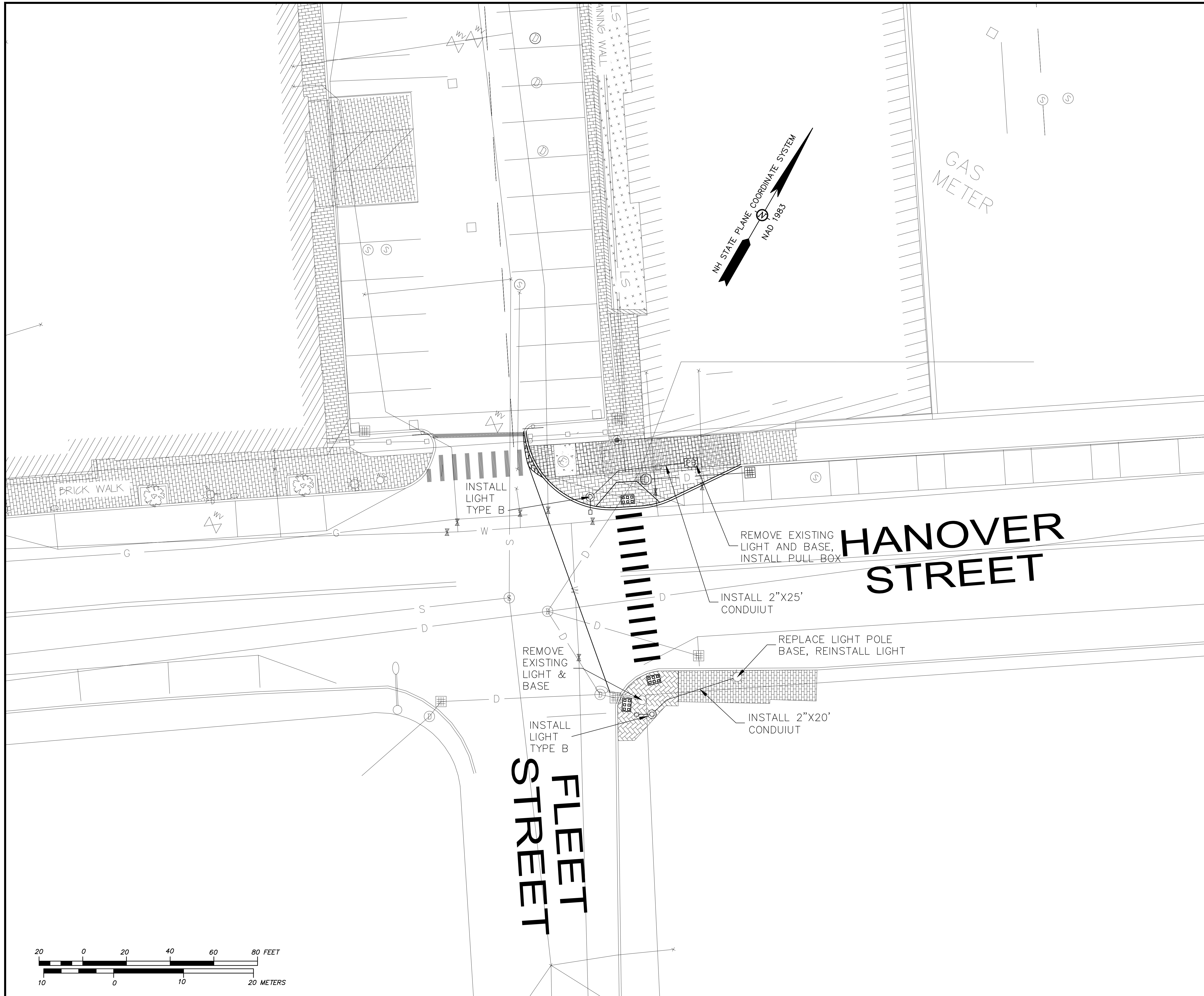
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**LIGHTING PLAN 2**  
FOR  
**HIGH-HANOVER AREA**  
**RESTORATION PROJECT**  
PORTSMOUTH, NEW HAMPSHIRE

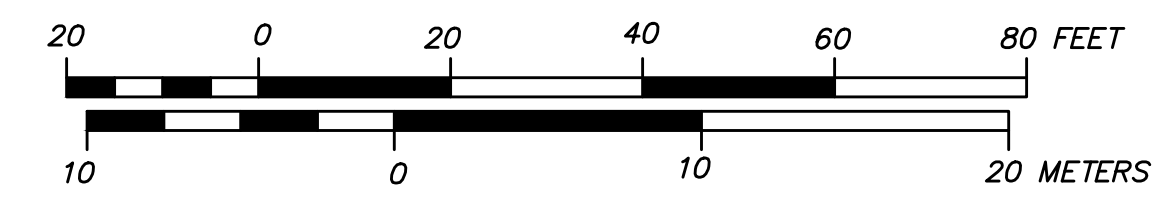


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SCALE: 1"=20'  
DATE: 1/18/17  
SHEET: 7 OF 11  
PROJECT # 7199





- LEGEND:**
- ..... IRON ROD
  - ..... IRON PIPE
  - ..... BOUND as DESCRIBED
  - ▲ ..... RAILROAD SPIKE
  - ▲ ..... SURVEY NAIL SET
  - ⊙ ..... DRILL HOLE
  - PHA ..... PORTSMOUTH HOUSING AUTHORITY
  - ..... CHAIN LINK FENCE
  - ..... WOOD FENCE
  - ..... WOOD FENCE POST
  - ..... STEEL FENCE POST
  - BA ..... BELL ATLANTIC
  - EH ..... EXETER HAMPTON ELECTRIC CO.
  - FP ..... FAIRPOINT
  - NETT ..... NEW ENGLAND TEL. & TEL. CO.
  - PSNH ..... PUBLIC SERVICE CO. OF NH
  - VZ ..... VERIZON
  - 110-5 ..... TAX SHEET - LOT NUMBER
  - RCRD ..... ROCKINGHAM COUNTY REGISTRY OF DEEDS
  - EOP ..... EDGE OF PAVEMENT
  - ETW ..... EDGE OF TRAVELLED WAY
  - SAC ..... SLOPED FACED ASPHALT CURB
  - VGC ..... VERTICAL FACED GRANITE CURB
  - RWC ..... CONCRETE RETAINING WALL
  - RWM ..... MORTARED RETAINING WALL
  - RWS ..... STONE RETAINING WALL
  - RWW ..... WOOD RETAINING WALL
  - RWG ..... GRANITE RETAINING WALL
  - ⊙ ..... BOLLARD
  - ..... SIGN
  - ..... DOUBLE POST SIGN
  - ..... HANDICAP SPACE
  - ..... UTILITY POLE W/TRANSFORMER
  - ☆ ..... LIGHT POLE
  - ..... UTILITY POLE WITH ARM & LIGHT
  - ⊙ ..... ELECTRICAL MANHOLE
  - ..... ELECTRICAL CONDUIT
  - ..... PAD MOUNTED TRANSFORMER
  - ..... ELECTRICAL BOX
  - ..... ELECTRIC METER
  - ..... FIRE ALARM BOX
  - ..... HVAC UNIT
  - ..... TELEPHONE RISER
  - ..... TRANSFORMER
  - ..... GUY
  - BS/CS ..... BLACK STEEL/COATED STEEL GAS LINE
  - PP/PL ..... PLASTIC GAS LINE
  - ..... GAS METER
  - ..... GAS SHUT OFF
  - ..... GAS VALVE
  - ..... WATER GATE VALVE
  - ..... WATER SHUT OFF VALVE
  - ..... HYDRANT
  - ..... SIAMESE FIRE CONNECTION
  - ..... CATCH BASIN
  - ..... CATCH BASIN
  - ⊙ ..... DRAIN MANHOLE
  - ⊙ ..... SEWER MANHOLE
  - ..... SEWER CLEAN OUT
  - ..... CONIFEROUS TREE
  - ..... DECIDUOUS TREE
  - ..... CONIFEROUS SHRUB
  - ..... DECIDUOUS SHRUB
  - W ..... WATER LINE
  - S ..... SEWER LINE
  - D ..... DRAIN LINE
  - G ..... GAS LINE
  - FM ..... FORCE MAIN
  - UGE ..... UNDERGROUND ELECTRIC
  - UGT ..... UNDERGROUND TELEPHONE
  - UGW ..... UNDERGROUND WRES
  - UGTV ..... UNDERGROUND CATV/DATA
  - OHW ..... OVERHEAD WIRES
  - OHE ..... OVERHEAD ELECTRIC
  - OHT ..... OVERHEAD TELEPHONE
  - CATV ..... OVERHEAD CATV/DATA



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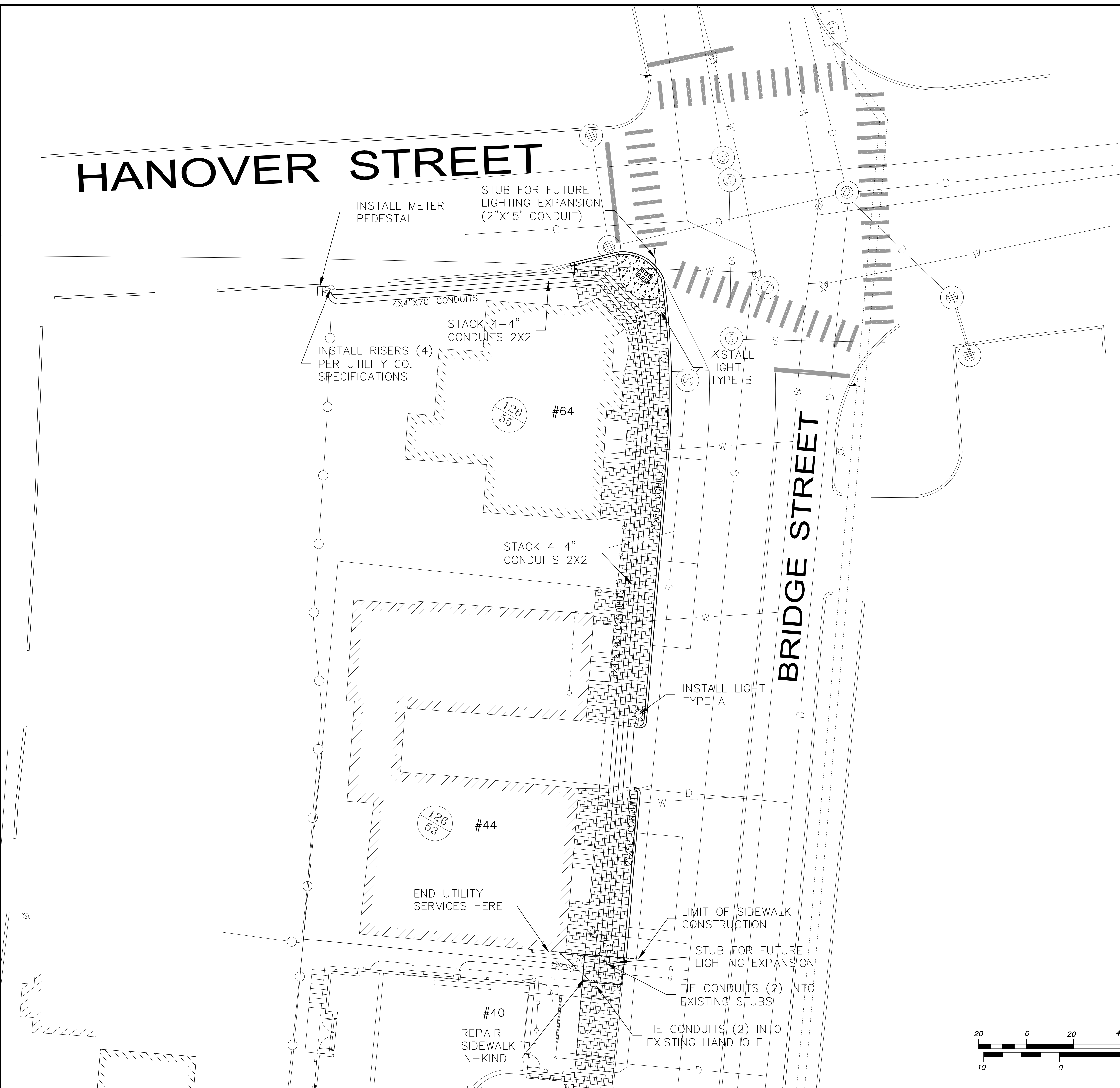
**LIGHTING PLAN 3**  
**FOR**  
**HIGH-HANOVER AREA**  
**RESTORATION PROJECT**  
**PORTSMOUTH, NEW HAMPSHIRE**



DESIGN: RAF  
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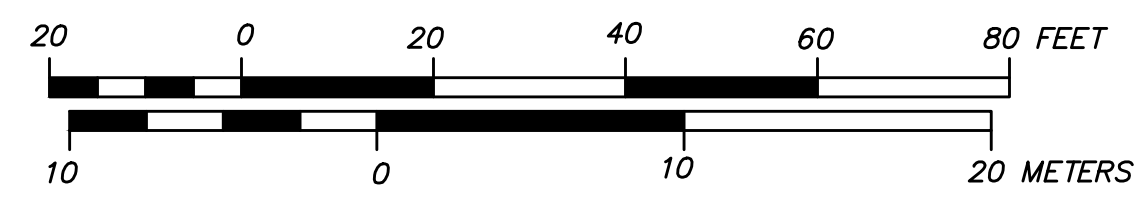
# HANOVER STREET



- LEGEND:**
- ..... IRON ROD
  - ..... IRON PIPE
  - ..... BOUND as DESCRIBED
  - ▲ ..... RAILROAD SPIKE
  - ▲ ..... SURVEY NAIL SET
  - ⊙ ..... DRILL HOLE
  - PHA ..... PORTSMOUTH HOUSING AUTHORITY
  - ..... CHAIN LINK FENCE
  - ..... WOOD FENCE
  - ..... WOOD FENCE POST
  - ..... STEEL FENCE POST
  - BA ..... BELL ATLANTIC
  - EH ..... EXETER HAMPTON ELECTRIC CO.
  - FP ..... FAIRPOINT
  - NETT ..... NEW ENGLAND TEL. & TEL. CO.
  - PSNH ..... PUBLIC SERVICE CO. OF NH
  - VZ ..... VERIZON
  - 110-5 ..... TAX SHEET - LOT NUMBER
  - RCRD ..... ROCKINGHAM COUNTY REGISTRY OF DEEDS
  - EOP ..... EDGE OF PAVEMENT
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  - SAC ..... SLOPED FACED ASPHALT CURB
  - VGC ..... VERTICAL FACED GRANITE CURB
  - RWC ..... CONCRETE RETAINING WALL
  - RWM ..... MORTARED RETAINING WALL
  - RWS ..... STONE RETAINING WALL
  - RWW ..... WOOD RETAINING WALL
  - RWG ..... GRANITE RETAINING WALL
  - ⊙ ..... BOLLARD
  - ..... SIGN
  - ..... DOUBLE POST SIGN
  - ..... HANDICAP SPACE
  - ..... UTILITY POLE W/TRANSFORMER
  - ..... LIGHT POLE
  - ..... UTILITY POLE WITH ARM & LIGHT
  - ⊙ ..... ELECTRICAL MANHOLE
  - ..... ELECTRICAL CONDUIT
  - ..... PAD MOUNTED TRANSFORMER
  - ..... ELECTRICAL BOX
  - ..... ELECTRIC METER
  - ..... FIRE ALARM BOX
  - ..... HVAC UNIT
  - ..... TELEPHONE RISER
  - ..... TRANSFORMER
  - ..... GUY
  - BS/CS ..... BLACK STEEL/COATED STEEL GAS LINE
  - PP/PL ..... PLASTIC GAS LINE
  - ..... GAS METER
  - ..... GAS SHUT OFF
  - ..... GAS VALVE
  - ..... WATER GATE VALVE
  - ..... WATER SHUT OFF VALVE
  - ..... HYDRANT
  - ..... SIAMESE FIRE CONNECTION
  - ..... CATCH BASIN
  - ..... CATCH BASIN
  - ..... DRAIN MANHOLE
  - ..... SEWER MANHOLE
  - ..... SEWER CLEAN OUT
  - ..... CONIFEROUS TREE
  - ..... DECIDUOUS TREE
  - ..... CONIFEROUS SHRUB
  - ..... DECIDUOUS SHRUB
  - W ..... WATER LINE
  - S ..... SEWER LINE
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  - OHW ..... OVERHEAD WIRES
  - OHE ..... OVERHEAD ELECTRIC
  - OHT ..... OVERHEAD TELEPHONE
  - CATV ..... OVERHEAD CATV/DATA

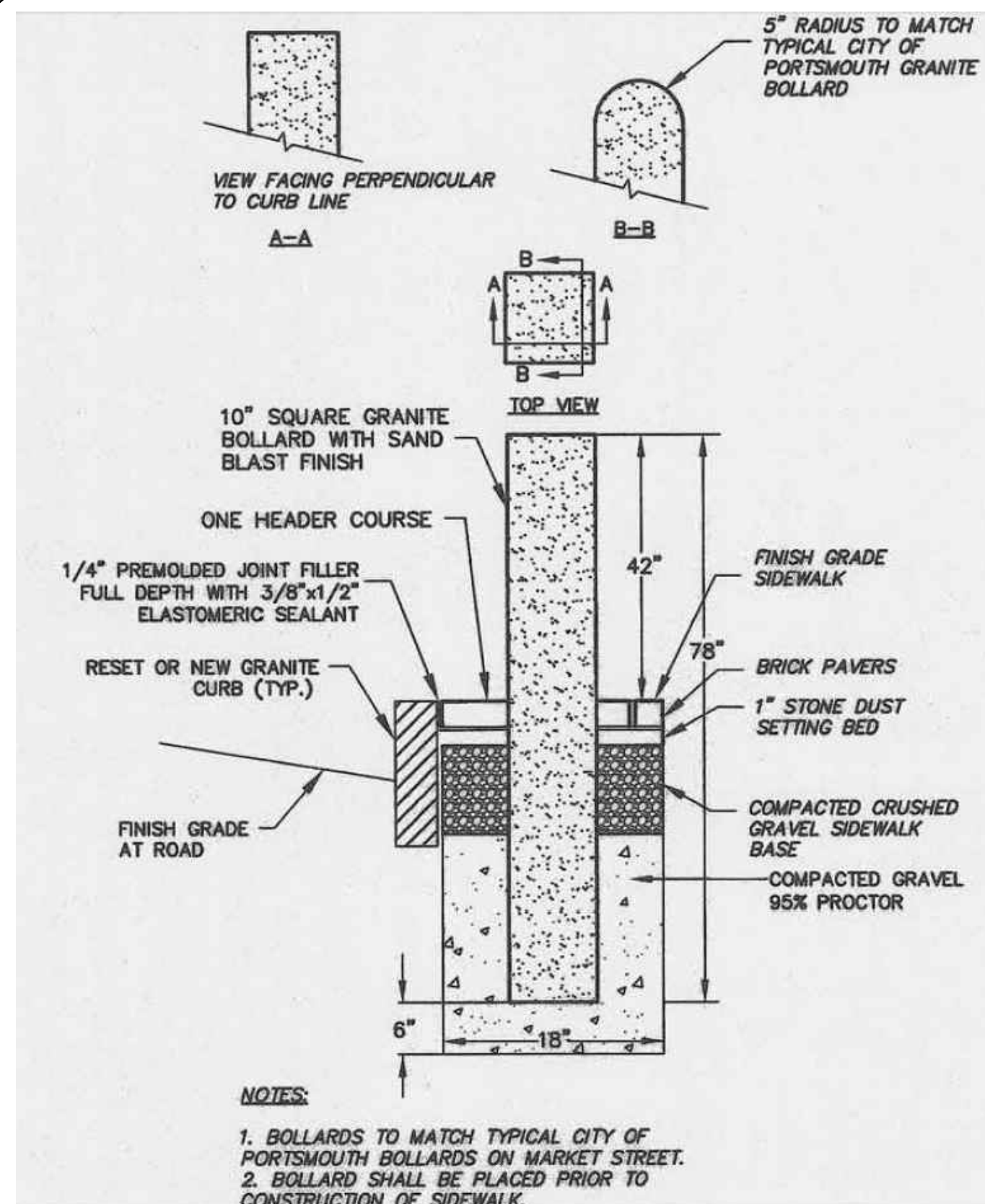
No.	DATE	BY	REVISION

**LIGHTING PLAN 4**  
**ADDITIVE ALTERNATIVE #1**  
**FOR**  
**HIGH-HANOVER AREA**  
**RESTORATION PROJECT**  
**PORTSMOUTH, NEW HAMPSHIRE**

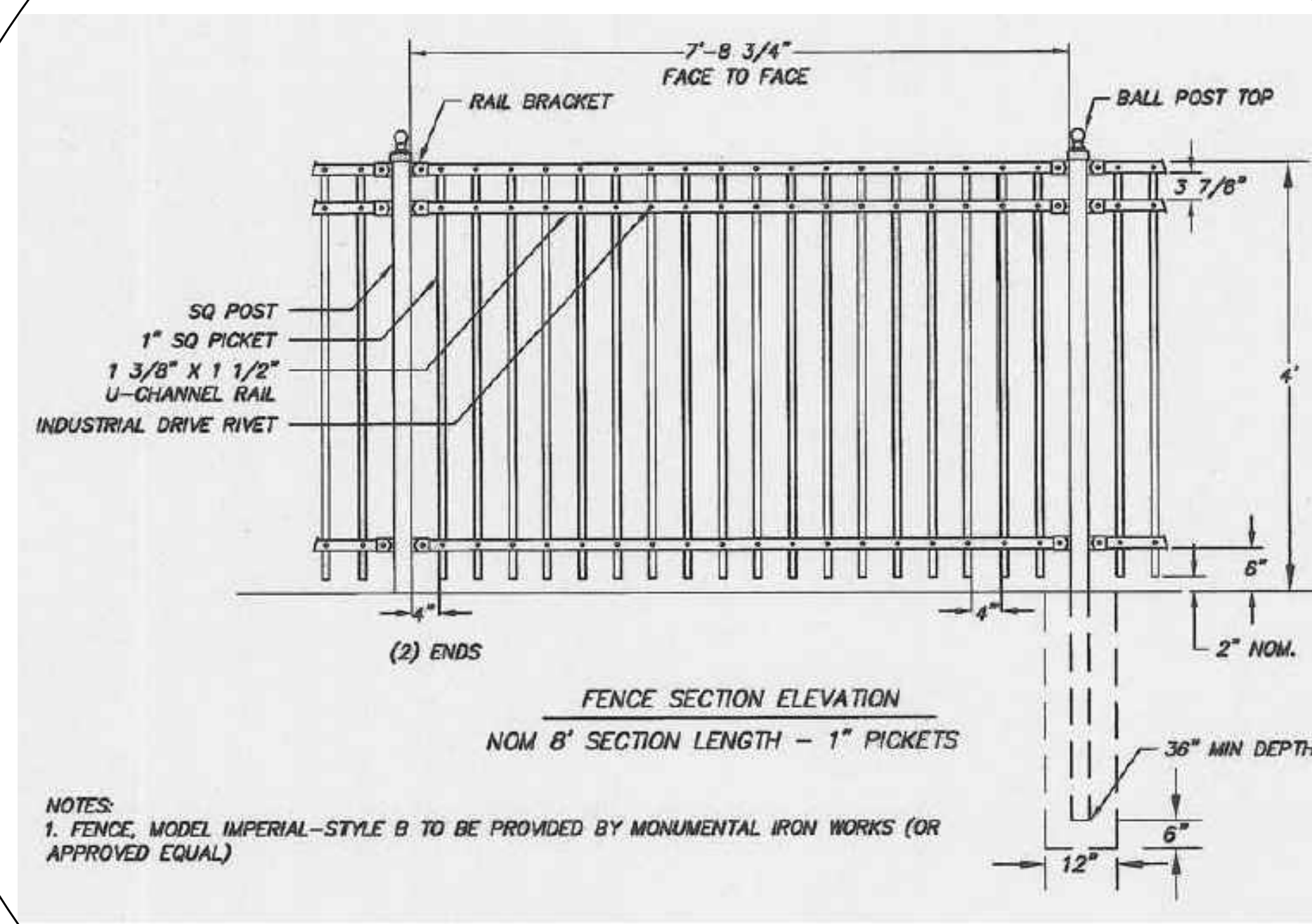


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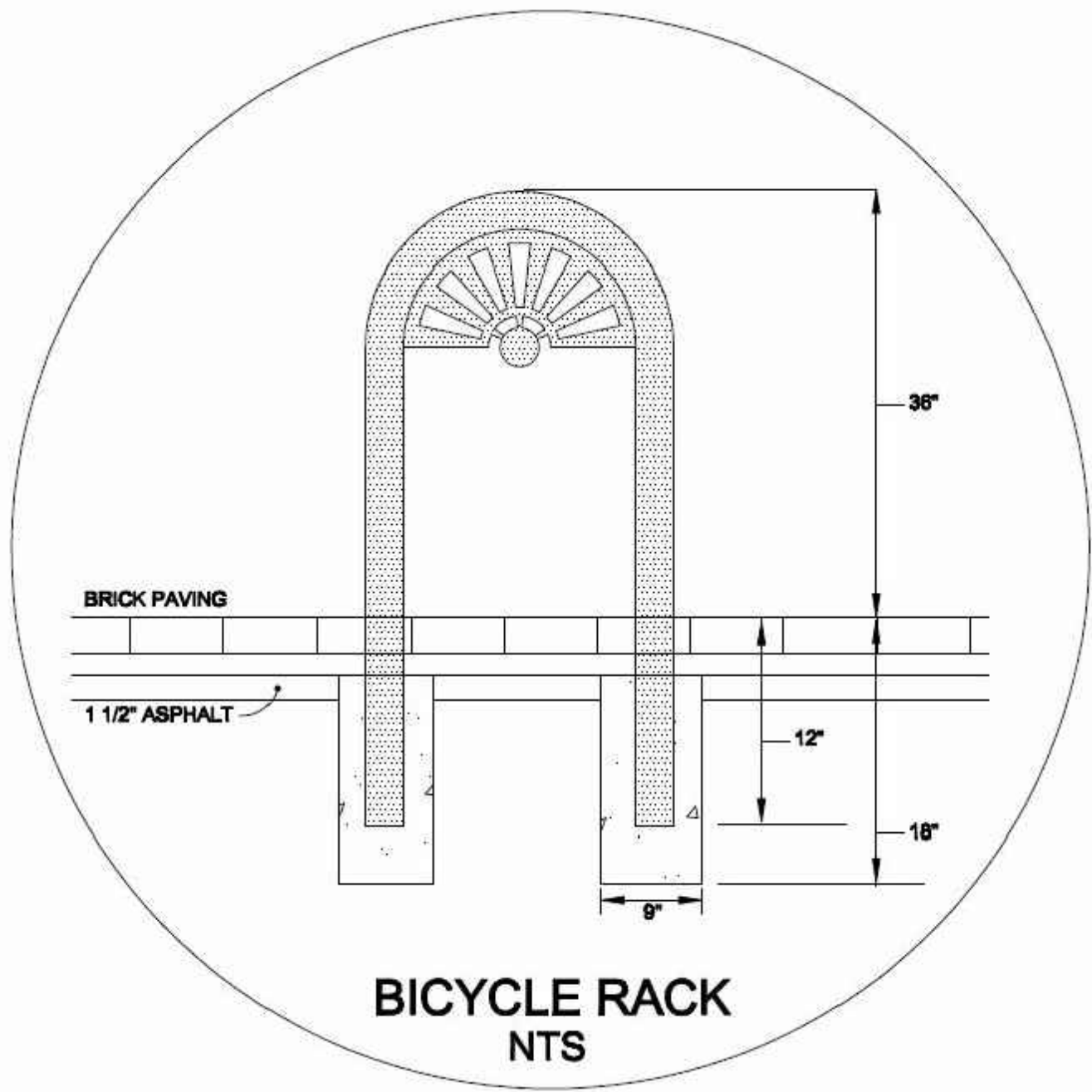
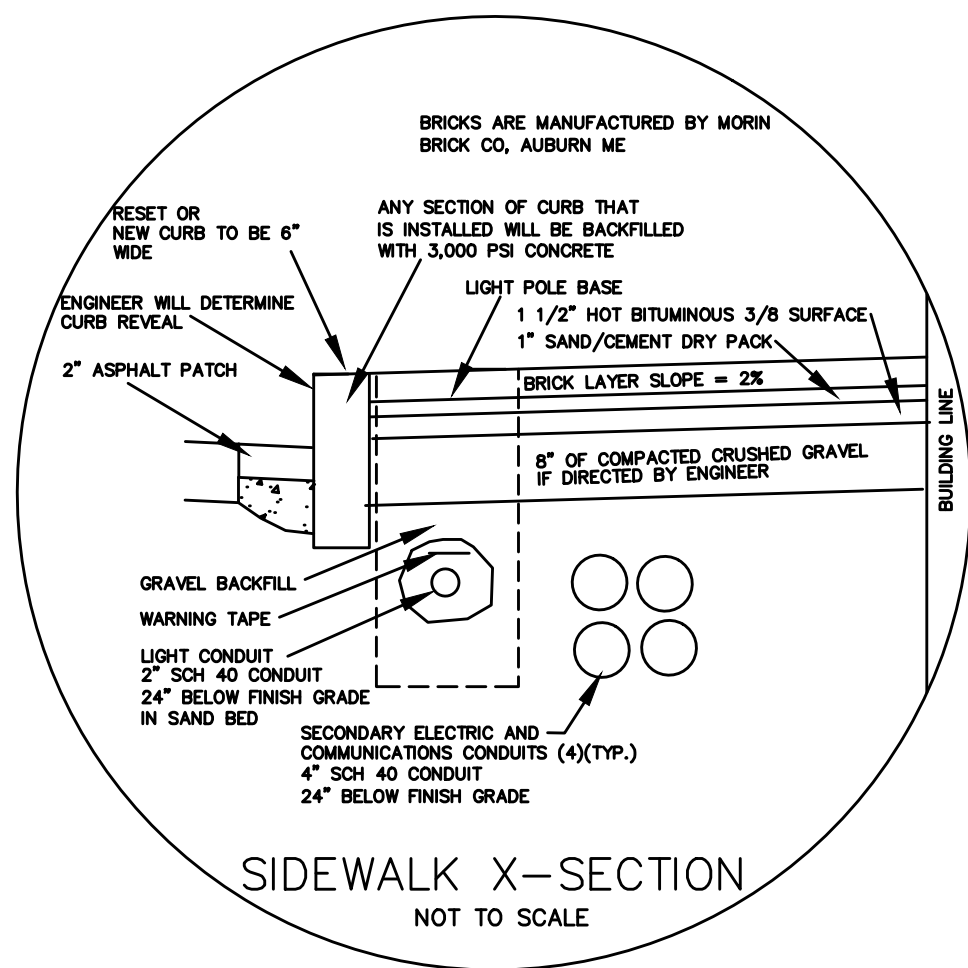




GRANITE BOLLARD  
DETAIL  
NOT TO SCALE



ORNAMENTAL STEEL FENCE  
DETAIL  
NOT TO SCALE



No.	DATE	BY	REVISION

CONSTRUCTION DETAILS 2  
FOR  
HIGH-HANOVER AREA  
RESTORATION PROJECT  
PORTSMOUTH, NEW HAMPSHIRE



DESIGN: RAF  
SCALE: 1"=20'  
DATE: 1/18/17  
SHEET: 11 OF 11  
PROJECT # 7199