#### FRANCIS X. BRUTON, III CATHERINE A. BERUBE JOSHUA P. LANZETTA

OF COUNSEL

JAMES H. SCHULTE

# Bruton & Berube, PLLC

ATTORNEYS AT LAW

601 Central Avenue Dover, NH 03820

TEL (603) 749-4529 (603) 743-6300 FAX (603) 343-2986

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December 23, 2024

#### VIA HAND DELIVERY

David Rheaume, Chair City of Portsmouth Zoning Board of Adjustment 1 Junkins Avenue Portsmouth, NH 03801

**RE:** Application for Special Exception

Owner/Applicant: Treadwell, LLC

Property: 93 Pleasant Street, Portsmouth, NH

Tax Map 107, Lot 74 Case Number: LU-24-216

Dear Chair Rheaume:

Enclosed please find an application for Special Exception relative to the above referenced property, with one copy of the associated application materials.

Please note that the property subject to this Application has previously been submitted to the City under other Planning Department applications and, as such, the Applicant has not submitted a new application for the relief from the special exception being requested herein, as these requests are associated with the same property.

In addition to the above, we understand, by submitting this application today, that this matter will be placed on the Board's agenda for its meeting of January 22, 2025.

Should there be any questions regarding this application, please do not hesitate to contact us.

Sincerely,

Francis X. Bruton, III, Esquire E-mail: fx@brutonlaw.com

FXB/mas Enclosure

cc:

Treadwell, LLC

## SPECIAL EXCECPTION NARRATIVE ARTICLE 10.1113.112

#### FOR PROPERTY LOCATED AT:

#### 93 PLEASANT STREET, PORTSMOUTH

BY

#### TREADWELL, LLC

Treadwell, LLC., owns the property located at 93 Pleasant Street (Map 107 Lot 74). This property is referred to by its historic name, Treadwell Mansion. For the reasons set forth herein, Treadwell, LLC is seeking a special exception, permitted by Article 10.1113.112 of the Portsmouth Zoning Ordinance to permit 5 on-site parking spaces to be located on a separate lot within 300 feet of 93 Pleasant Street.

Treadwell, LLC filed land use permit LU-24-216 on December 4, 2024, to change the use of the proposed property from business office to a 40-room hotel (the "Treadwell Hotel). Treadwell, LLC also filed building permit application BLDG-24-1059 for the fit-up associated with the 40 rooms.

Treadwell, LLC has actively marketed and advertised the Treadwell Mansion for the last two years for business office use and has had very few showings and no offers. Treadwell, LLC has experienced a profound downward shift in office demand, with significant office vacancies in Portsmouth to fill. Treadwell LLC's research indicates this downward shift for office space will continue for the foreseeable future.

The existing building permit BLDG-22-451 covers the existing building activity, which includes specifically all exterior work (including all site work) and the building core and shell and complete renovation of the historic Treadwell Mansion. This building permit also covers, through MEP (mechanical, electrical & plumbing) permits, the finishing of the parking level, common lobbies, both stair towers, full-service elevator, HVAC (heating, ventilation and air-conditioning), fire alarms and sprinkler system for the entire building.

Treadwell, LLC believes a 40-room hotel is compliant with the Zoning Ordinance for the use change from business office to hotel, except for parking. Pursuant to Article 10.1115.20, the parking calculation for the hotel use is as follows: 40 hotel rooms @ 0.75/spaces per room – 4 spaces – 1 space for bike credit = 25 parking spaces. There will be no function rooms or food service within the proposed hotel use. There are 20 parking spaces on site, leaving an off-street parking deficiency of 5 parking spaces. Treadwell Hotel will be operated using cloud-based software that downloads access to a guest's smart phone to access parking and hotel rooms. Treadwell, LLC will have a full-time employee live at the Treadwell Hotel to ensure guests have 24/7 coverage for any problems.

The separate lot being used to satisfy the 5 parking spaces required, is located at 134 Pleasant Street (Map 116 Lot 30) and owned by Double Mc, LLC., and currently leased to Citizens Bank. The membership of Treadwell, LLC is identical to the membership of Double Mc, LLC.

Within the Portsmouth Zoning Ordinance, owners of property are considered the principals, such as members of a limited liability company and the same two individuals own both Treadwell, LLC and Double Mc, LLC.

As depicted on the attached copy of the tax map, the property is well within the 300 foot adjacency requirement.

To memorialize the use of the five spaces at the 134 Pleasant Street property, a license agreement for such use is proposed, such as was used in a similar circumstance for the Inn at Court Street (copy attached).

#### **Special Exception Standards (Per Article 10.232.20)**

# 1) 10.232.21 Standards as provided by this Ordinance for the particular use permitted by special exception:

Article 10.1113.112 permits the grant of a special exception for the provision of required parking on another lot in the same ownership in question and within 300 feet of the property (134 Pleasant Street) of the property line of the lot in question (93 Pleasant Street). As demonstrated above, this requirement is satisfied.

# 2) 10.232.22 No hazard to the public or adjacent property on account of potential fire, explosion or release of toxic materials:

There is no negative aspect to the proposal set forth herein as to potential fire, explosion or release of toxic materials.

3) 10.232.23 No detriment to property values in the vicinity or change in the essential characteristics of any area including residential neighborhoods or business and industrial districts on account of the location or scale of buildings and other structures, parking areas, accessways, odor, smoke, gas, dust, or other pollutant, noise, glare, heat, vibration, or unsightly outdoor storage of equipment, vehicles or other materials:

The use of five parking spaces at the Citizens property is de minimis, with the Citizens parking lot significantly underutilized and the proximity of the uses are located on the same road in very close proximity and thus will not have any adverse impact on the essential characteristics of any of the area, particularly as the parking area for the Citizens property is surrounded by municipal parking spaces, which is unique within the City. The use of the parking spaces will have no adverse impact on the matters raised in this prong of the inquiry.

# 4) 10.232.24 No creation of a traffic safety hazard or a substantial increase in the level of traffic congestion in the vicinity:

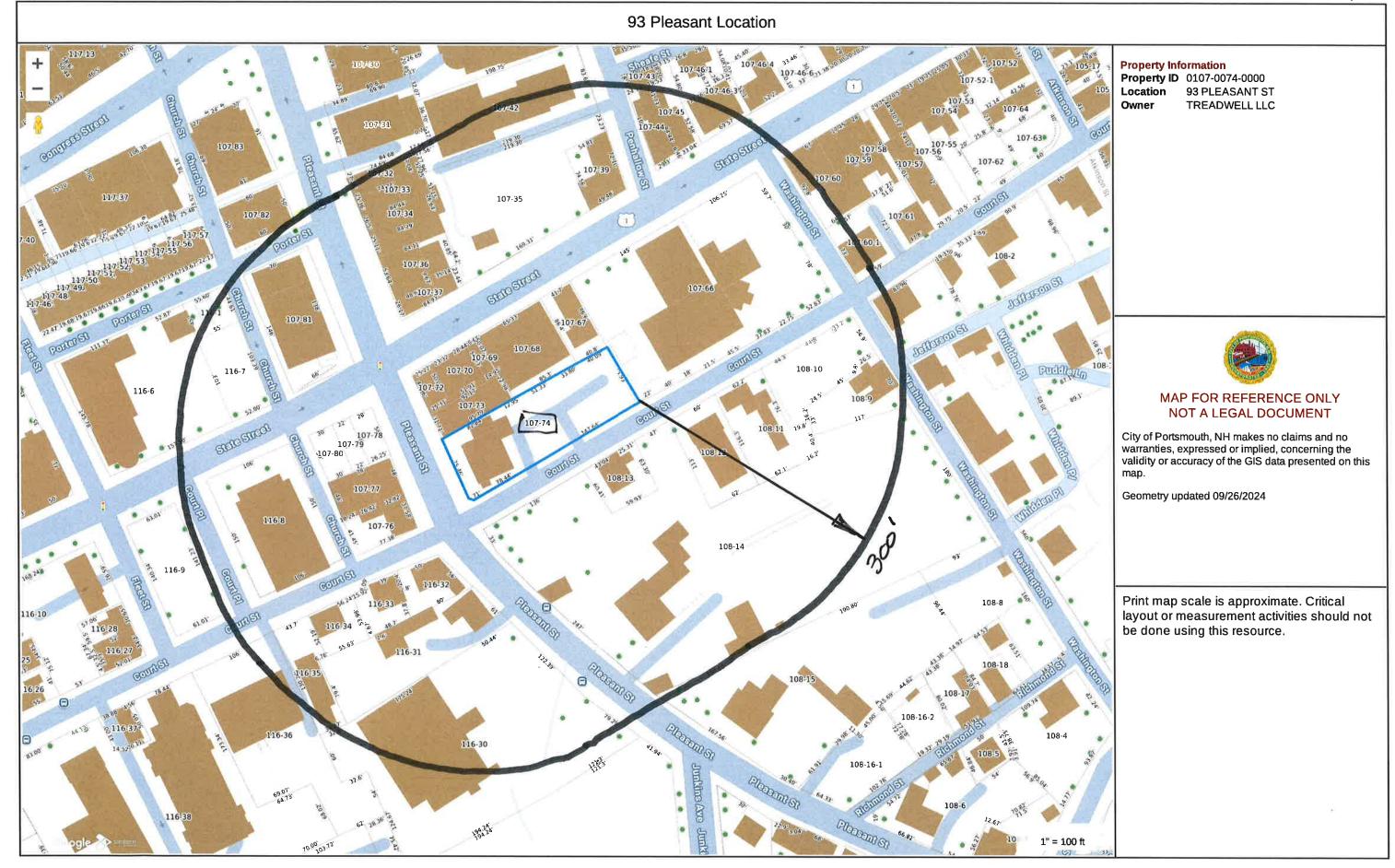
As set forth within Item #3, the use of the spaces is de minims, particularly considering the overall use of the immediate vicinity as a very large municipal parking lot.

5) 10.232.25 No excessive demand on municipal services, including, but not limited to, water, sewer, waste disposal, police and fire protection and schools:

Given the use proposed, there shall be no impact on municipal services, as referenced herein.

6) 10.232.26 No significant increase of stormwater runoff onto adjacent property or streets:

Given the use proposed, and the lack of any change to the parking lot at 134 Pleasant Street, there shall be no impact on stormwater runoff, as referenced herein.



Book: 6443 Page: 1213

E # 22042330 10/03/2022 08:04:32 AM Book 6443 Page 1213 Page 1 of 3

Register of Deeds, Rockingham County

**RECORDING SURCHARGE** 

18.00 2.00

#### PARKING LOT LICENSE AGREEMENT

159 Middle Street, Portsmouth, Rockingham County, NH

September 30, 2022

Licensee: Davenport Inn, LLC c/o 266 Middle Street Portsmouth NH 03801

Book: 6443 Page: 1214

#### PARKING LOT LICENSE AGREEMENT

- 1. Licensor. ASRT, LLC ("Licensor")
- Licensee. DAVENPORT INN, LLC (collectively the "Licensee") c/o 266 Middle Street, Portsmouth NH 03801
- 3. **Property.** The Licensor's real property thereon located at 159 Middle Street, Portsmouth New Hampshire, and more particularly described in a deed recorded in the Rockingham County Registry of Deeds at Book 5943 Page 1363, which shall be referred to hereinafter as the "Property".
- 4. **Purpose and Terms**. To permit the Licensee and Licensee's guests and invitees (collectively "Licensee Permittees") to use Licensor's parking lot located on the Property, for up to 3 parking spaces. The intent of this license is to enable the Licensee Permittees to park vehicles at the Property while guests at the Davenport Inn located at 70 Court Street.
- 5. **Grant.** Licensor grants Licensee Permittees a non revocable, royalty free license to the right to use of the Licensor's parking lot located on the Property, for up to 3 parking spaces for the stated Purpose, which will be marked with exclusive right to park signs, with exclusive right to such 3 parking spaces, and a non-exclusive right to access the same by vehicle across the Property, subject further to such other terms and conditions as are set forth in this License):
- a. The Licensor shall not be responsible for any loss, injury, or damage to persons or property in or about the Property relating directly or indirectly to this License, except to the extent caused by Licensor's negligence or willful misconduct. The Licensee, on its behalf and on behalf of all those claiming by, through or under Licensee, hereby remises, discharges, and releases forever the Licensor, its successors and assigns, and agents from any and all actions, causes of actions, demands, damages, costs, debts, and other claims, in law or in equity, which the Licensee and said parties hereafter can, shall or may have against the Licensor, its assigns, and agents on account of or in any way arising out of, directly or indirectly, loss of life, personal injuries, and/or damage to real or personal property and equipment or any other loss, on account of or in any way arising from any act or omission of or by the Licensee in or upon the Property, or in any way connected to this License, except to the extent caused by the negligence or willful misconduct of Licensor or any of the other parties released hereby.
- b. Licensee hereby covenants to indemnify and hold harmless the Licensor, its assigns, agents, or representatives of and from any and all actions, causes of action, claims, demands, damages, costs, debts, fees and expenses, including reasonable attorney's fees, that the Licensor may have to pay in connection with the loss of life, personal injury, and/or damage to real or personal property or equipment arising, directly or indirectly, from any negligent act or omission by the Licensee and/or all those claiming by, through or under Licensee while in or upon the Property pursuant to this License, however, the Licensee's obligations to indemnify shall not exceed the amount of insurance coverage carried by the Licensee.
- c. The Licensee shall use the Property only in full accordance and compliance with all applicable laws, regulations and ordinances, and to otherwise use the Property in a safe and reasonable manner at all times.

Book: 6443 Page: 1215

6. **Miscellaneous.** This License constitutes the entire agreement between the parties as to the subject matter contained herein. Any modification and amendment to this License must be in writing and signed by the parties. This License shall be governed by the laws of the State of New Hampshire.

The parties hereto accept this License pursuant to its terms and conditions set forth herein as of this <u>A</u> day of September 2022.

LICENSOR: ASRT, LLC

Witness

John Samonas Member

LICENSEE HEREBY ACCEPTS THIS LICENSE PURSUANT TO THE TERMS AND CONDITIONS SET FORTH HEREIN.

LICENSEE:

DAVENPORT INN, LLC

Witness

By: John/Samonas, Member

#### FRANCIS X. BRUTON, III CATHERINE A. BERUBE JOSHUA P. LANZETTA

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OF COUNSEL

JAMES H. SCHULTE

January 9, 2025

Phyllis Eldridge, Chair City of Portsmouth Zoning Board of Adjustment 1 Junkins Avenue Portsmouth, NH 03801

RE: Application for Special Exception

Owner/Applicant: Treadwell, LLC

Property: 93 Pleasant Street, Portsmouth, NH

**Tax Map 107, Lot 74 Case Number: LU-24-216** 

Dear Chair Eldridge:

For the purposes of the above referenced land use case, please accept this correspondence as confirmation that we are familiar with the corporate structure and records of both Double Mc, LLC and Treadwell, LLC. It is our legal opinion that the owners are identical for both entities, with identical interests in each entity.

Should there be any further questions, please do not hesitate to contact us.

Sincerely,

Frame & Bute

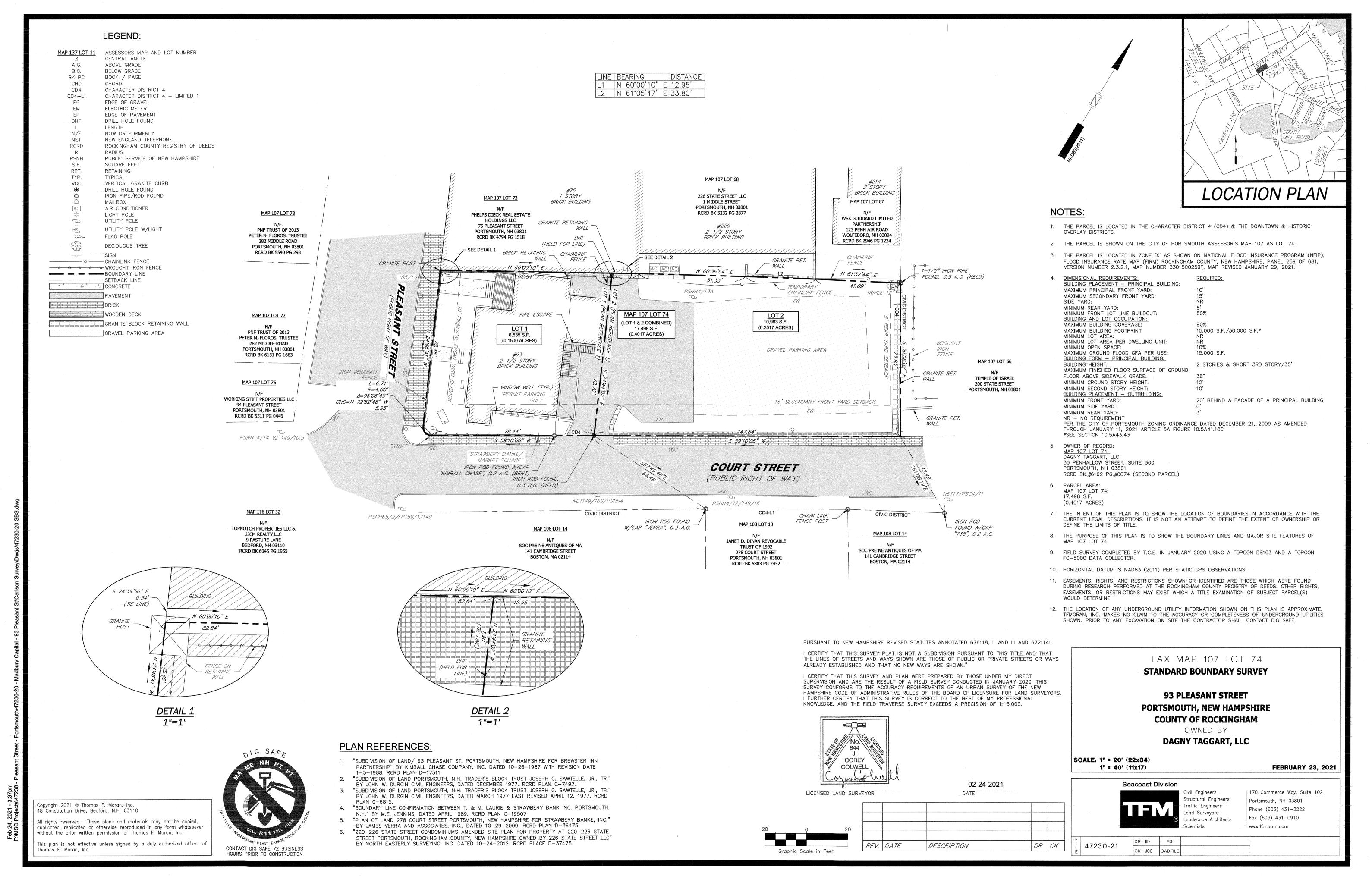
Francis X. Bruton, III, Esquire

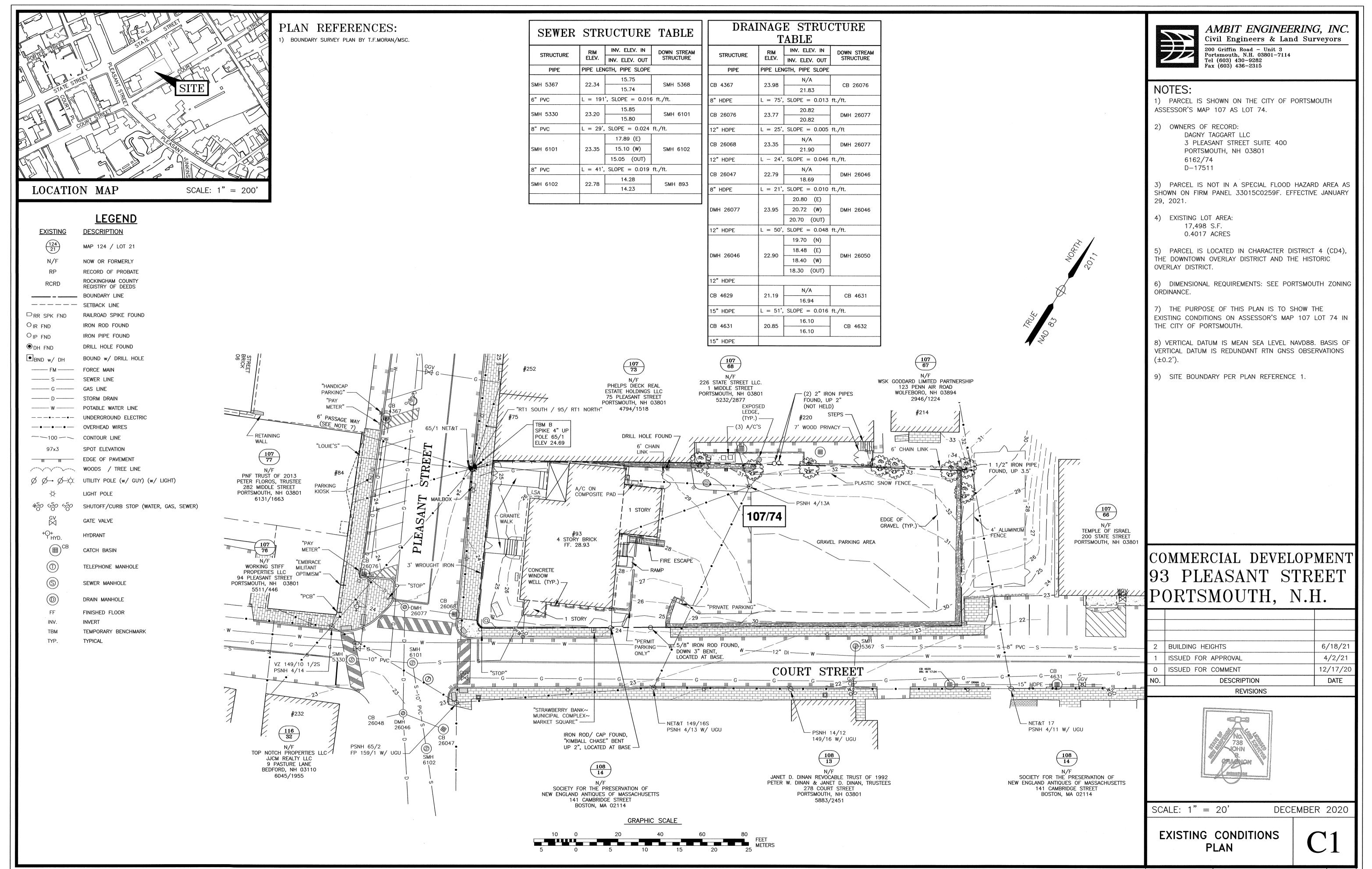
E-mail: fx@brutonlaw.com

FXB/mas

cc:

Treadwell, LLC Double Mc, LLC



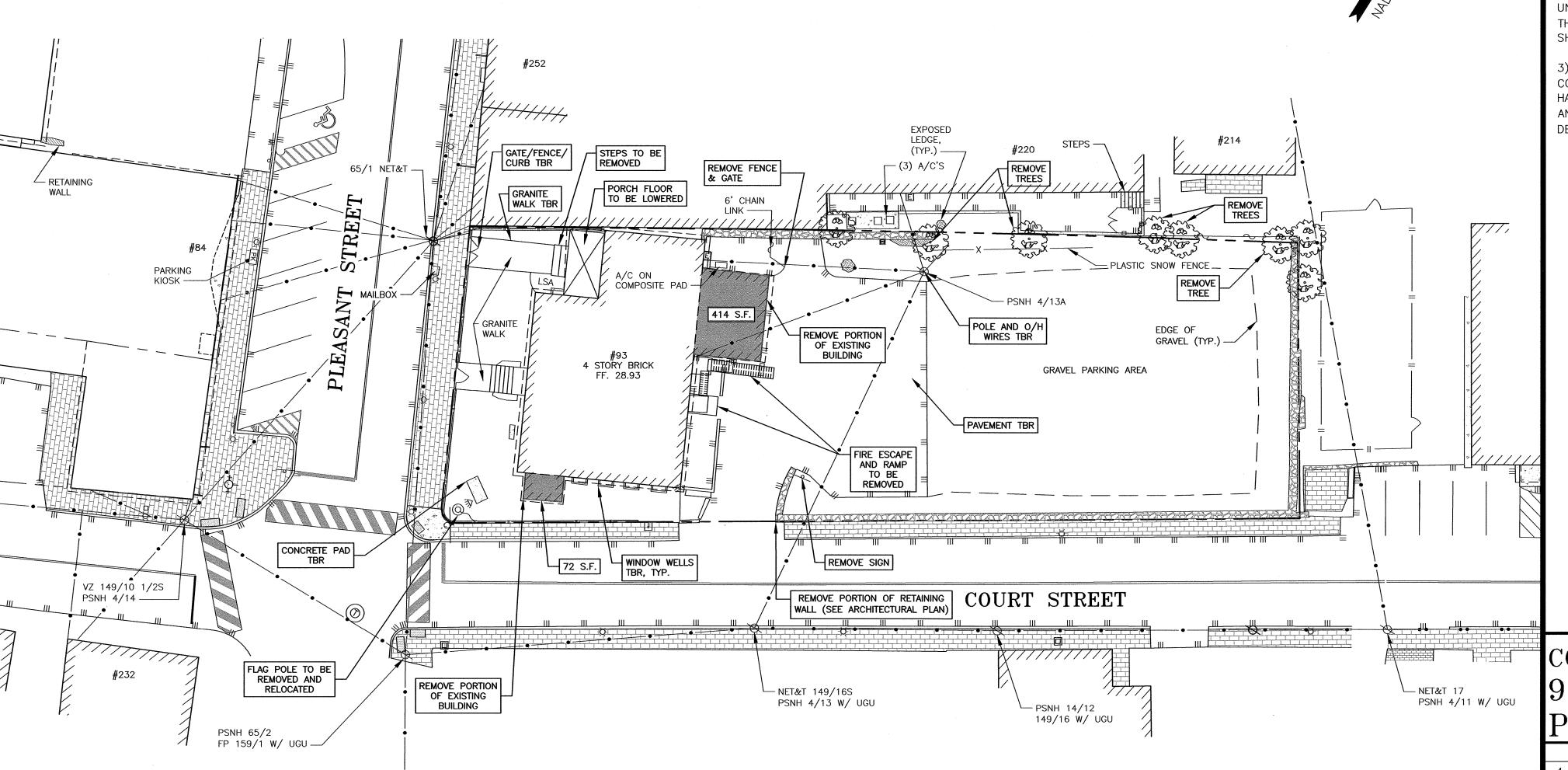


FB 321 PG 72

<del>-|</del> 3059.01|-

#### **DEMOLITION NOTES**

- A) THE LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND THE LOCATIONS ARE NOT GUARANTEED BY THE OWNER OR THE DESIGNER. IT IS THE CONTRACTORS' RESPONSIBILITY TO LOCATE UTILITIES AND ANTICIPATE CONFLICTS. CONTRACTOR SHALL REPAIR EXISTING UTILITIES DAMAGED BY THEIR WORK AND RELOCATE EXISTING UTILITIES THAT ARE REQUIRED TO BE RELOCATED PRIOR TO COMMENCING ANY WORK IN THE IMPACTED AREA OF THE PROJECT.
- B) ALL MATERIALS SCHEDULED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTORS UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR SHALL DISPOSE OF ALL MATERIALS OFF—SITE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS, ORDINANCES AND CODES. THE CONTRACTOR SHALL COORDINATE REMOVAL, RELOCATION, DISPOSAL, OR SALVAGE OF UTILITIES WITH THE OWNER AND APPROPRIATE UTILITY COMPANY.
- C) ANY EXISTING WORK OR PROPERTY DAMAGED OR DISRUPTED BY CONSTRUCTION/ DEMOLITION ACTIVITIES SHALL BE REPLACED OR REPAIRED TO THE ORIGINAL EXISTING CONDITIONS BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- D) THE CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES AND CALL DIG SAFE AT LEAST 72 HOURS PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION/CONSTRUCTION ACTIVITIES.
- E) SAWCUT AND REMOVE PAVEMENT ONE FOOT OFF PROPOSED EDGE OF PAVEMENT TRENCH IN AREAS WHERE PAVEMENT IS TO BE REMOVED.
- F) IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THE CONDITIONS OF ALL THE PERMIT APPROVALS.
- G) THE CONTRACTOR SHALL OBTAIN AND PAY FOR ADDITIONAL CONSTRUCTION PERMITS, NOTICES AND FEES NECESSARY TO COMPLETE THE WORK AND ARRANGE FOR AND PAY FOR ANY INSPECTIONS AND APPROVALS FROM THE AUTHORITIES HAVING JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL AND OFF—SITE DISPOSAL OF MATERIALS REQUIRED TO COMPLETE THE WORK.
- H) THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING STRUCTURES, CONCRETE, UTILITIES, VEGETATION, PAVEMENT, AND CONTAMINATED SOIL WITHIN THE WORK LIMITS SHOWN UNLESS SPECIFICALLY IDENTIFIED TO REMAIN. ANY EXISTING DOMESTIC / IRRIGATION SERVICE WELLS IN THE PROJECT AREA IDENTIFIED DURING THE CONSTRUCTION AND NOT CALLED OUT ON THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER FOR PROPER CAPPING / RE-USE.
- I) ALL WORK WITHIN THE CITY OF PORTSMOUTH RIGHT OF WAY SHALL BE COORDINATED WITH THE CITY OF PORTSMOUTH DEPARTMENT OF PUBLIC WORKS (DPW).
- J) REMOVE TREES AND BRUSH AS REQUIRED FOR COMPLETION OF WORK. CONTRACTOR SHALL GRUB AND REMOVE ALL SLUMPS WITHIN LIMITS OF WORK AND DISPOSE OF OFF—SITE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.
- K) CONTRACTOR SHALL PROTECT ALL PROPERTY MONUMENTATION THROUGHOUT DEMOLITION AND CONSTRUCTION OPERATIONS. SHOULD ANY MONUMENTATION BE DISTURBED, THE CONTRACTOR SHALL EMPLOY A NH LICENSED LAND SURVEYOR TO REPLACE THEM.
- L) PROVIDE INLET PROTECTION BARRIERS AT ALL CATCH BASINS WITHIN CONSTRUCTION LIMITS AND MAINTAIN FOR THE DURATION OF THE PROJECT. INLET PROTECTION BARRIERS SHALL BE HIGH FLOW SILT SACK BY ACF ENVIRONMENTAL OR APPROVED EQUAL. INSPECT BARRIERS WEEKLY AND AFTER EACH RAIN OF 0.25 INCHES OR GREATER. CONTRACTOR SHALL COMPLETE A MAINTENANCE INSPECTION REPORT AFTER EACH INSPECTION. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH STORM EVENT OR MORE OFTEN IF WARRANTED OR FABRIC BECOMES CLOGGED. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF ANY CLEARING OR DEMOLITION ACTIVITIES.
- M) THE CONTRACTOR SHALL PAY ALL COSTS NECESSARY FOR TEMPORARY PARTITIONING, BARRICADING, FENCING, SECURITY AND SAFELY DEVICES REQUIRED FOR THE MAINTENANCE OF A CLEAN AND SAFE CONSTRUCTION SITE.
- N) ANY CONTAMINATED MATERIAL REMOVED DURING THE COURSE OF THE WORK WILL REQUIRE HANDLING IN ACCORDANCE WITH NHDES REGULATIONS. CONTRACTOR SHALL HAVE A HEALTH AND SAFETY PLAN IN PLACE, AND COMPLY WITH ALL APPLICABLE PERMITS, APPROVALS, AUTHORIZATIONS, AND REGULATIONS





#### AMBIT ENGINEERING, INC.

Civil Engineers & Land Surveyors

200 Griffin Road - Unit 3
Portsmouth, N.H. 03801-7114

#### NOTES:

1) THE CONTRACTOR SHALL NOTIFY DIG SAFE AT 1-888-DIG-SAFE (1-888-344-7233) AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY WITHIN 100 FEET OF UNDERGROUND UTILITIES. THE EXCAVATOR IS RESPONSIBLE TO MAINTAIN MARKS. DIG SAFE TICKETS EXPIRE IN THIRTY DAYS

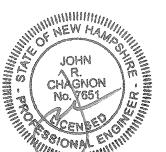
Tel (603) 430-9282

2) UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVEGROUND OR UNDERGROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR THE OWNER. UTILITY CONFLICTS SHOULD BE REPORTED AT ONCE TO THE DESIGN ENGINEER.

3) CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE "NEW HAMPSHIRE STORMWATER MANUAL, VOLUME 3, EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION. (NHDES DECEMBER 2008).

# COMMERCIAL DEVELOPMENT 93 PLEASANT STREET PORTSMOUTH, N.H.

4	STEPS	5/4/22	
3	WALL TBR	11/22/21	
2	SUBMIT FOR TAC	9/20/21	
1	SUBMIT FOR 93 ONLY	6/18/21	
0	ISSUED FOR COMMENT	4/2/21	
NO.	DESCRIPTION	DATE	
REVISIONS			



SCALE: 1" = 20'

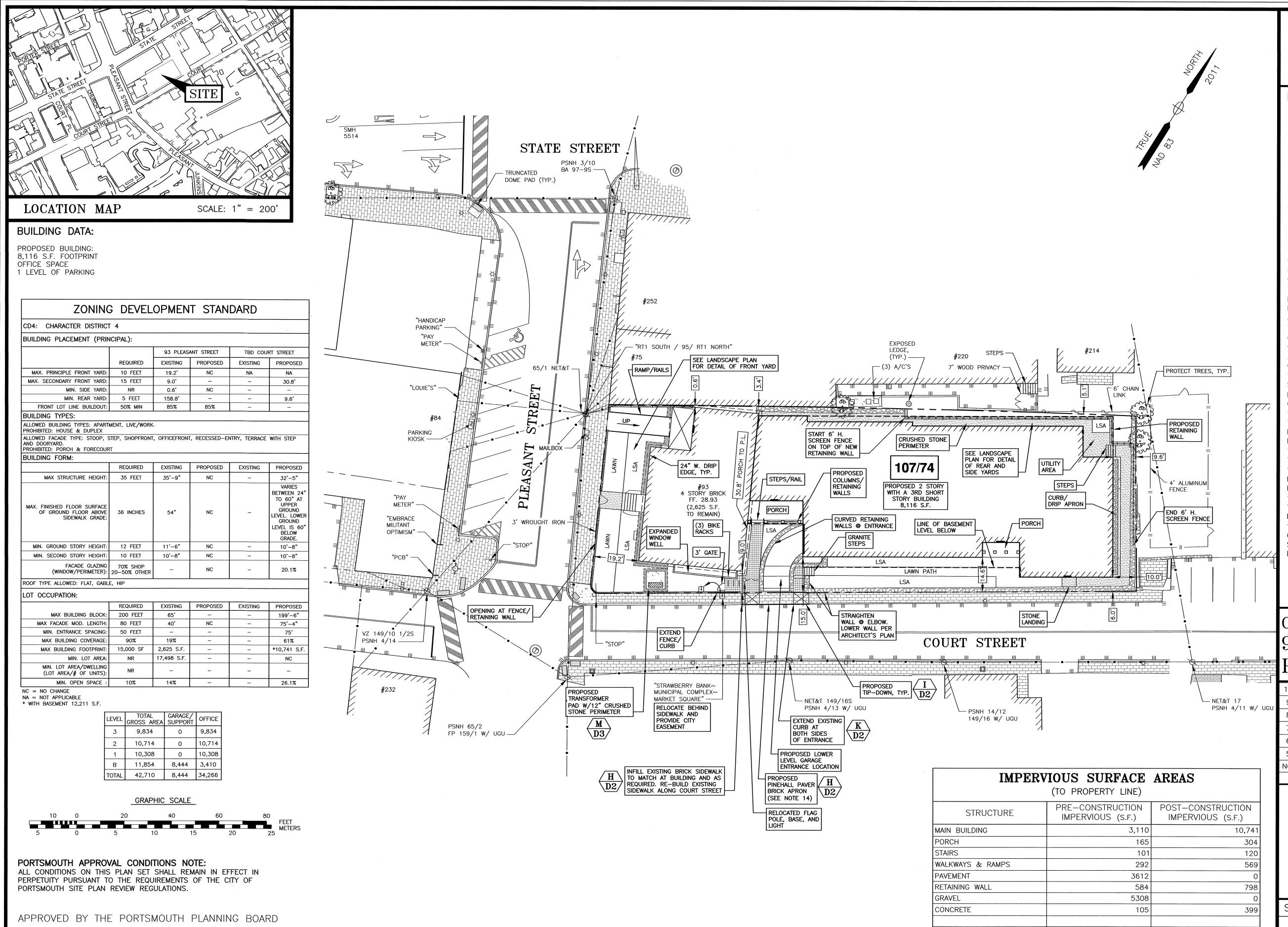
DECEMBER 2020

DEMOLITION PLAN

C2

FB 321 PG 72

3059.01



DATE

**CHAIRMAN** 



# AMBIT ENGINEERING, INC.

Civil Engineers & Land Surveyors

200 Griffin Road - Unit 3

200 Griffin Road - Unit 3 Portsmouth, N.H. 03801-7114 Tel (603) 430-9282 Fax (603) 436-2315

#### NOTES

1) PARCEL IS SHOWN ON THE CITY OF PORTSMOUTH ASSESSOR'S MAP 107 AS LOT 74.

2) OWNERS OF RECORD:

DAGNY TAGGART LLC

3 PLEASANT STREET SUITE 400 PORTSMOUTH, NH 03801 6162/74

D-17511

3) PARCEL IS NOT IN A SPECIAL FLOOD HAZARD AREA AS SHOWN ON FIRM PANEL 33015C0259F. EFFECTIVE JANUARY 29, 2021.

4) EXISTING LOT AREA: 17,498 S.F.

0.4017 ACRES

5) PARCEL IS LOCATED IN CHARACTER DISTRICT 4 (CD4), THE DOWNTOWN OVERLAY DISTRICT AND THE HISTORIC OVERLAY DISTRICT.

6) DIMENSIONAL REQUIREMENTS: SEE PORTSMOUTH ZONING ORDINANCE.

7) THE PURPOSE OF THIS PLAN IS TO SHOW THE PROPOSED SITE DEVELOPMENT ON ASSESSOR'S MAP 107 LOT 74 IN THE CITY OF PORTSMOUTH.

8) VERTICAL DATUM IS MEAN SEA LEVEL NAVD88. BASIS OF VERTICAL DATUM IS REDUNDANT RTN GNSS OBSERVATIONS  $(\pm 0.2^{\circ})$ .

9) SEE ARCHITECTURAL PLANS FOR TRASH ENCLOSURE AREA. PICK UP SCHEDULE AS NEEDED TO MAINTAIN CAPACITY.

10) THE SECTION OF COURT STREET FROM PLEASANT STREET TO WASHINGTON STREET SHALL BE MILLED AND RE-PAVED WITH A 1.5" OVERLAY AT THE END OF PROJECT CONSTRUCTION.

11) PROVIDE AN AUDIBLE PEDESTRIAN WARNING SIGNAL AT THE PROPOSED DRIVE ENTRANCE. ALSO PROVIDE A SUITABLE MIRROR ON THE NEW POLE FOR USE BY THE VEHICLES EXITING THE GARAGE.

EXITING THE GARAGE

12) A PORTSMOUTH CMMP IS REQUIRED FOR THIS PROJECT,
TO BE COMPLETED PRIOR TO CONSTRUCTION.
13) PROPOSED USE: 34,266 S.F. OFFICE SPACE. NO
PARKING IS REQUIRED AS THE PROJECT IS IN THE
DOWNTOWN OVERLAY DISTRICT.

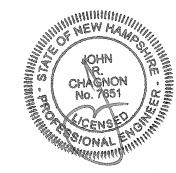
14) DRIVEWAY PAVERS WILL REQUIRE A DRIVEWAY PERMIT.
THE PROPERTY OWNER IS RESPONSIBLE FOR ALL FUTURE
MAINTENANCE.

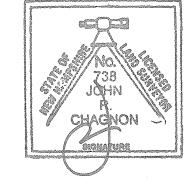
15) ANY REQUIRED SIDEWALK REPAIRS TO THE SOUTH SIDE OF COURT STREET SHALL BE PERFORMED TO THE SATISFACTION OF THE PORTSMOUTH PUBLIC WORKS DEPARTMENT.

# COMMERCIAL DEVELOPMENT 93 PLEASANT STREET PORTSMOUTH, N.H.

10	BUILDING LAYOUT, STEPS	6/3/22
9	BUILDING LAYOUT/ENTRANCE	5/4/22
8	NOTES 10, 14, 15, SIGN	12/7/21
7	NOTE 13, USE	11/22/21
6	REVISED LAYOUT	11/1/21
5	ISSUED TO TAC, NOTES 10, 11, & 12	10/20/21
NO.	DESCRIPTION	DATE

REVISIONS





SCALE: 1" = 20'

1293

17,498

73.9%

TOTAL

LOT SIZE

% LOT COVERAGE

13277

17,498

75.9%

DECEMBER 2020

SITE LAYOUT PLAN

**C**3

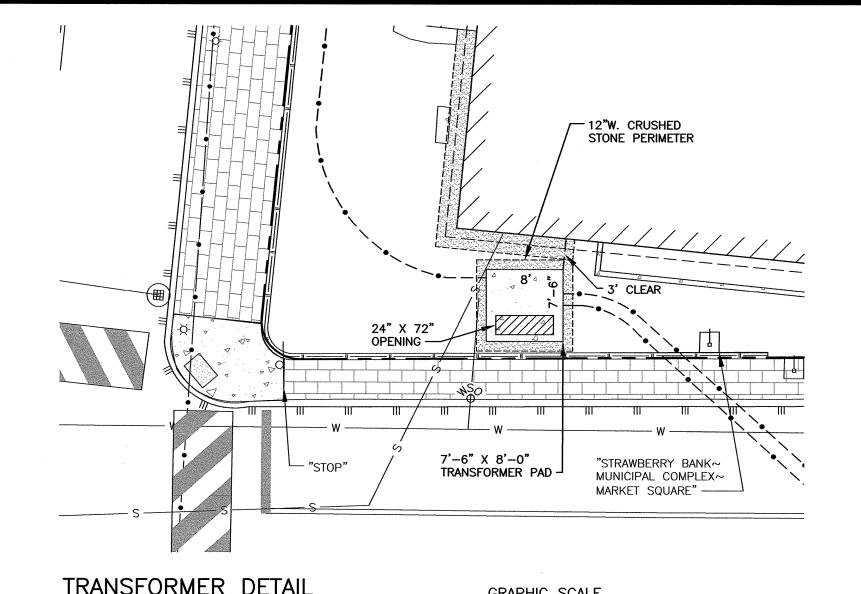
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3059.0

#### **UTILITY NOTES:**

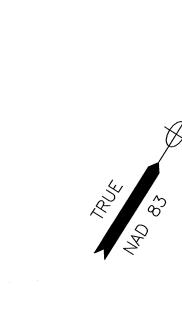
- 1) SEE EXISTING CONDITIONS PLAN FOR BENCHMARK INFORMATION.
- 2) COORDINATE ALL UTILITY WORK WITH APPROPRIATE UTILITY.
- 3) SEE GRADING AND DRAINAGE PLAN FOR PROPOSED GRADING AND EROSION CONTROL MEASURES.
- 4) ALL WATER MAIN INSTALLATIONS SHALL BE CLASS 52, POLYWRAPPED, CEMENT LINED DUCTILE IRON PIPE.
- 5) ALL WATERMAIN INSTALLATIONS SHALL BE PRESSURE TESTED AND CHLORINATED AFTER CONSTRUCTION AND BEFORE ACTIVATING THE SYSTEM. CONTRACTOR SHALL COORDINATE WITH THE CITY OF PORTSMOUTH.
- 6) ALL SEWER PIPE SHALL BE PVC SDR 35 UNLESS OTHERWISE STATED.
- 7) ALL WORK WITHIN CITY R.O.W. SHALL BE COORDINATED WITH CITY OF
- 8) CONTRACTOR SHALL MAINTAIN UTILITY SERVICES TO ABUTTING PROPERTIES THROUGHOUT CONSTRUCTION.
- 9) ANY CONNECTION TO EXISTING WATERMAIN SHALL BE CONSTRUCTED BY THE CITY OF PORTSMOUTH.
- 10) EXISTING UTILITIES TO BE REMOVED SHALL BE CAPPED AT THE MAIN AND MEET THE DEPARTMENT OF PUBLIC WORKS STANDARDS FOR CAPPING OF WATER AND SEWER SERVICES.
- 11) ALL ELECTRICAL MATERIAL WORKMANSHIP SHALL CONFORM TO THE NATIONAL ELECTRIC CODE, LATEST EDITION, AND ALL APPLICABLE STATE AND LOCAL
- 12) THE EXACT LOCATION OF NEW UTILITY SERVICES AND CONNECTIONS SHALL BE COORDINATED WITH BUILDING DRAWINGS AND UTILITY COMPANIES.
- 13) ADJUST ALL MANHOLES, CATCH BASINS, CURB BOXES, ETC. WITHIN LIMITS OF WORK TO FINISH GRADE.
- 14) ALL UNDERGROUND CONDUITS SHALL HAVE NYLON PULL ROPES TO FACILITATE PULLING CABLES.
- 15) THE CONTRACTOR SHALL OBTAIN, PAY FOR, AND COMPLY WITH ALL REQUIRED PERMITS, ARRANGE FOR ALL INSPECTIONS, AND SUBMIT COPIES OF ACCEPTANCE CERTIFICATED TO THE OWNER PRIOR TO THE COMPLETION OF
- 16) THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL MANHOLES, BOXES, FITTINGS. CONNECTORS, COVER PLATES AND OTHER MISCELLANEOUS ITEMS NOT NECESSARILY DETAILED IN THESE DRAWING TO RENDER INSTALLATION OF UTILITIES COMPLETE AND OPERATIONAL.
- 17) CONTRACTOR SHALL PROVIDE EXCAVATION, BEDDING, BACKFILL AND COMPACTION FOR NATURAL GAS SERVICES.
- 18) A 10-FOOT MINIMUM EDGE TO EDGE HORIZONTAL SEPARATION SHALL BE PROVIDED BETWEEN ALL WATER AND SANITARY SEWER LINES. AN 18-INCH MINIMUM OUTSIDE TO OUTSIDE VERTICAL SEPARATION SHALL BE PROVIDED AT ALL WATER/SANITARY SEWER CROSSINGS WATER ABOVE SEWER.
- 19) SAWCUT AND REMOVE PAVEMENT AND CONSTRUCT PAVEMENT TRENCH PATCH FOR ALL PROPOSED UTILITIES LOCATED IN EXISTING PAVEMENT AREAS TO
- 20) GATE VALVES, FITTINGS, ETC. SHALL MEET THE REQUIREMENTS OF THE CITY OF
- 21) COORDINATE TESTING OF SEWER CONSTRUCTION WITH THE CITY OF PORTSMOUTH.
- 22) ALL SEWER PIPES WITH LESS THAN 6' COVER SHALL BE INSULATED.
- 23) CONTRACTOR SHALL COORDINATE ALL ELECTRIC WORK INCLUDING BUT NOT LIMITED TO: CONDUIT CONSTRUCTION, MANHOLE CONSTRUCTION, UTILITY POLE CONSTRUCTION, OVERHEAD WIRE RELOCATION, AND TRANSFORMER CONSTRUCTION WITH POWER COMPANY.
- 24) CONTRACTOR SHALL PHASE UTILITY CONSTRUCTION, PARTICULARLY WATER MAIN AND GAS MAIN CONSTRUCTION AS TO MAINTAIN CONTINUOUS SERVICE TO ABUTTING PROPERTIES. CONTRACTOR SHALL COORDINATE TEMPORARY SERVICES TO ABUTTERS WITH UTILITY COMPANY AND AFFECTED ABUTTER.

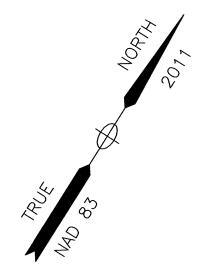
PROPOSED SEWER CONNECTION				
STRUCTURE	RIM	INV. ELEV. IN	PIPE SIZE & TYPE	
SINOCIONE	STRUCTURE ELEV.		(FROM/TO)	
SMH 5367 (EXISTING)	22.34	15.75		
		15.74	6" PVC (5368)	
BUILDING CONNECTION		15.70	INV. OUT @ BLDG.	
BOILDING CONNECTION		15.5 +/-	INV. @ MAIN	



SINCTONE		IADLL	
RIM	INV. ELEV. IN	DOWN STREAM	
ELEV.	INV. ELEV. OUT	STRUCTURE	
PIPE PIPE LENGTH, PIPE SLOPE			
22.34	15.75	SMH 5368	
22.54	15.74	2MH 2300	
L = 191	', SLOPE = $0.016$	ft./ft.	
27.20	15.85	CMIL 6101	
23.20	15.80	SMH 6101	
L = 29',	SLOPE = 0.024	ft./ft.	
	17.89 (E)		
23.35	15.10 (W)	SMH 6102	
	15.05 (OUT)		
L = 41',	SLOPE = 0.019	ft./ft.	
22.79	14.28	CMIL 907	
22.78	14.23	SMH 893	
	RIM ELEV.  PIPE LEN  22.34  L = 191  23.20  L = 29',  23.35	RIM ELEV. IN INV. ELEV. IN INV. ELEV. OUT  PIPE LENGTH, PIPE SLOPE  22.34  15.75  15.74  L = 191', SLOPE = 0.016  23.20  15.85  15.80  L = 29', SLOPE = 0.024  23.35  17.89 (E)  15.05 (OUT)  L = 41', SLOPE = 0.019  14.28	

SEWER STRUCTURE TABLE





NOTES:

1) THE CONTRACTOR SHALL NOTIFY DIG SAFE AT 1-888-DIG-SAFE (1-888-344-7233) AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE

200 Griffin Road - Unit 3 Portsmouth, N.H. 03801-7114

Tel (603) 430-9282

Fax (603) 436-2315

2) UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVEGROUND OR UNDERGROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR THE OWNER. UTILITY CONFLICTS SHOULD BE REPORTED AT ONCE TO THE DESIGN ENGINEER.

AMBIT ENGINEERING, INC. Civil Engineers & Land Surveyors

3) CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE "NEW HAMPSHIRE STORMWATER MANUAL, VOLUME 3, EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION. (NHDES DECEMBER 2008).

4) INSTALL CATCH BASIN INLET PROTECTION ON ALL EXISTING AND PROPOSED CATCH BASINS UNTIL CONSTRUCTION IS COMPLETED AND THE SITE IS STABILIZED.

5) ALL WATER MAIN AND SANITARY SEWER WORK SHALL MEET THE STANDARDS OF THE NEW HAMPSHIRE STATE PLUMBING CODE AND CITY OF PORTSMOUTH DEPARTMENT OF PUBLIC WORKS.

6) UTILITY AS-BUILTS SHALL BE SUBMITTED TO THE CITY OF PORTSMOUTH DEPARTMENT OF PUBLIC WORKS UPON COMPLETION OF THE PROJECT.

7) EVERSOURCE WORK ORDER #5127007

8) PROPOSED SEWER FLOW:

34,266 S.F. X 5 GPD PER 100 S.F.  $342.66 \times 5 = 1,713 \text{ GPD}$ TOTAL PROPOSED FLOW = 1,713 GPD

9) THE APPLICANT SHALL HAVE A COMMUNICATIONS SITE SURVEY CONDUCTED BY A MOTOROLA COMMUNICATIONS CARRIER APPROVED BY THE PORTSMOUTH'S COMMUNICATIONS DIVISION. THE RADIO COMMUNICATIONS CARRIER MUST BE FAMILIAR AND CONVERSANT WITH THE PORTSMOUTH POLICE AND FIRE RADIO SYSTEMS CONFIGURATION. IF THE SITE SURVEY INDICATES THAT IT IS NECESSARY TO INSTALL A SIGNAL REPEATER EITHER ON OR NEAR THE PROPOSED PROJECT, THOSE COSTS SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER. THE PROPERTY OWNER WILL BE REQUIRED TO MAINTAIN ANY INSTALLED EQUIPMENT. THE PROPERTY OWNER SHALL BE RESPONSIBLE TO PAY FOR THE SITE SURVEY WHETHER OR NOT THE SURVEY INDICATES THAT EQUIPMENT IS NECESSARY. THE OWNER SHALL COORDINATE WITH THE SUPERVISOR OF RADIO COMMUNICATIONS FOR PORTSMOUTH. THE SURVEY SHALL BE COMPLETED AND ANY REQUIRED EQUIPMENT INSTALLED, TESTED, AND ACCEPTED PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

10) COMMUNICATIONS CONDUIT LOCATION SUBJECT TO CONFIRMATION FROM UTILITY PROVIDERS.

11) THE EXISTING WATER MAIN IN COURT STREET IS SHALLOW. INSTALL NEW UTILITIES WITH CAUTION. ELECTRICAL SERVICE WILL BE PLACED UNDER THE WATER MAIN. FIRE SERVICE SHALL BE INSTALLED WITH 5' OF COVER AND INSULATION IMMEDIATELY AFTER TAPPING THE MAIN. NOTIFY CITY WHEN WORK IS TO TAKE

# COMMERCIAL DEVELOPMENT 93 PLEASANT STREET PORTSMOUTH, N.H.

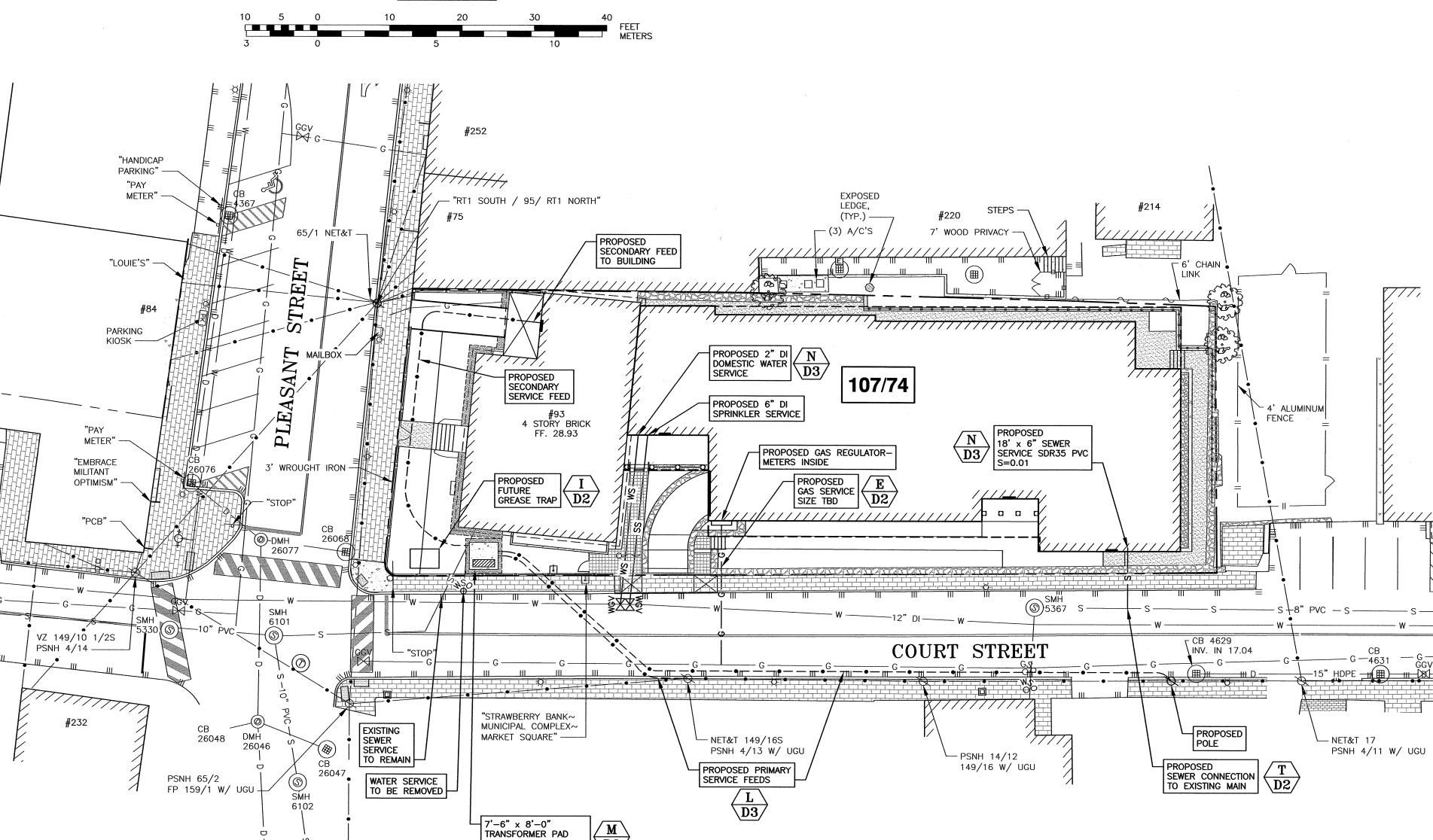
N	6	BUILDING, GREASE TRAP	6/3/22
٦	5	REVISED LAYOUT	11/1/21
	4	NOTE 11	10/20/21
>	3	SUBMIT FOR TAC	9/20/21
	2	REVISED BUILDING/EXTERIOR LAYOUT	9/7/21
	1	ELECTRICAL FEED	4/28/21
	NO.	DESCRIPTION	DATE
		REVISIONS	



SCALE: 1" = 20'

DECEMBER 2020

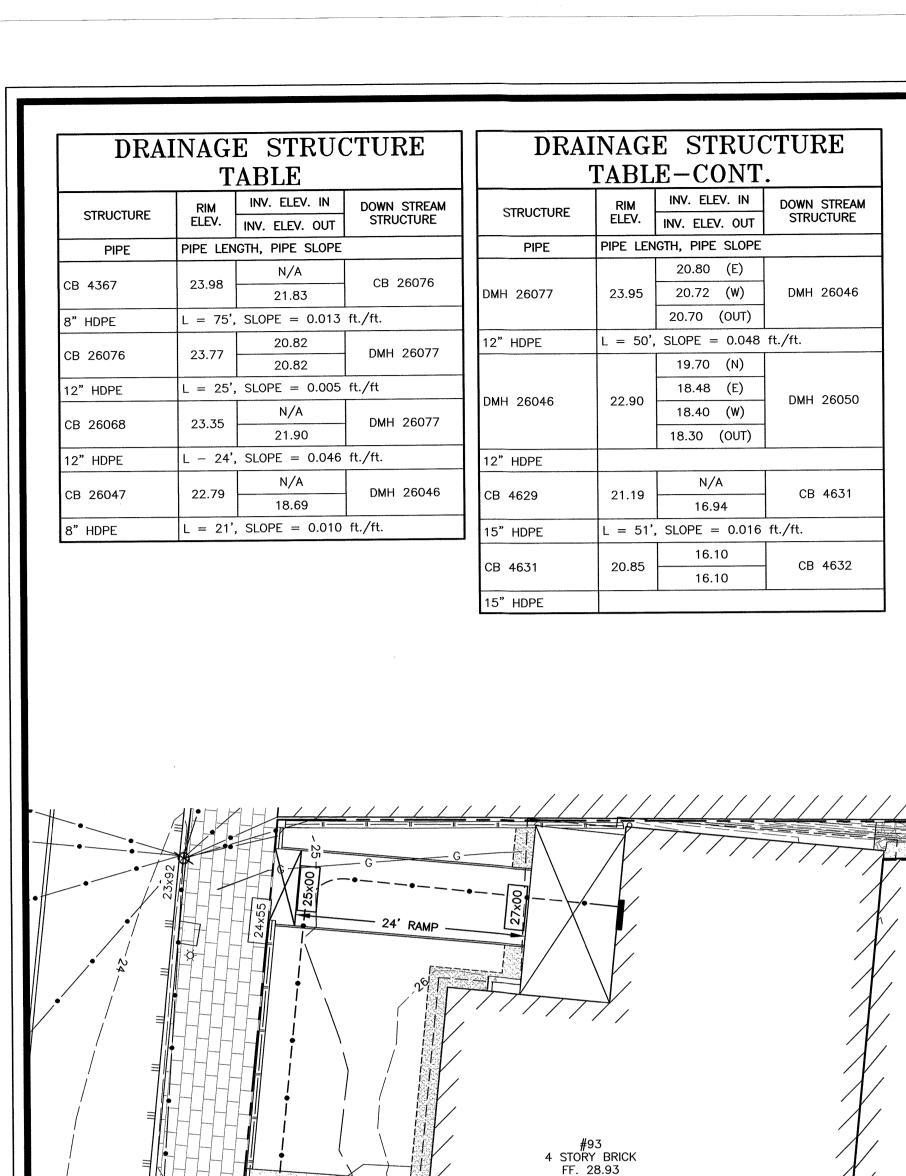
UTILITY PLAN



GRAPHIC SCALE

(SEE ENLARGED DETAIL D3/

FB 321 PG 72



26068

	.E	DRAINAGE STRUCTURE SCHEDULE					
PIPE#	DIRECTION	INVERT	PIPE SIZE	RIM	PROP/EX	STRUCTURE	
	IN	17.24	12"	28.0	PROP	DMH 1	
P1	IN	24.0	4" RD	28.0	PROP	DMH 1	
P2	IN	24.0	6"	28.0	PROP	DMH 1	
P3	OUT	17.14	12"	28.0	PROP	DMH 1	
P4	IN	23.43	12"	28.0	PROP	OCS 1	
P5	OUT	17.44	12"	28.0	PROP	OCS 1	
P6							
*ALL PIPE TO							

34x93 –

DRAIN INV. 26.12 @ FOUNDATION WALL

- CONCRETE CAPPED STONE BLOCK RETAINING WALL

38x24

EXPOSED WALL TO

BE REPAIRED AS

TOW 26

TOW 22

24x2

TOW 26

TOW 26

25x2 TOW 26

TOW 24

23x60

CONNECT GUTTER TO INTERIOR ROOF DRAIN CONNECTION

25x95

	PIPE SCHEDULE					
N	PIPE# PIPE SIZE LENGTH SLOPE					
$\mathbf{H}$	P1	12"	30'	0.0034		
$\dashv$	P2	12"	46'	0.0034		
-	Р3	12"	20'	0.0034		
-	P4	12"	32'	0.0034		
$\dashv$	P5	8"	4'	0.02		
$\dashv$	Р6	8"	7'	0.02		
	*ALL PIPE TO BE HDPE					

32x08

DRAIN INV. 25.50 @ FOUNDATION WALL

SYSTEM "B"

24" W. STONE APRON

TOW 29x91

OCS 1

24" HARCO STRUCTURE

PROPOSED TREE LOCATION, TYP.

32x18

TOW TO MATCH ADJACENT GRADE

- CONCRETE PAD

- 32x03

34x20

30×80

INTERIOR ROOF DRAIN
CONNECTIONS TO BE DETAILED
ON ARCHITECTURAL PLANS.
PROVIDE AT THE GARAGE
LEVEL AN 8" DIAMETER BIO
CLEAN DOWNSPOUT FILTER

PROPOSED R-TANK SYSTEM "A"

24" W. STONE APRON

TOW 30x20

GRAPHIC SCALE

TOW 30x06

COURT STREET

EXPOSED WALL TO BE REPAIRED AS NEEDED

33x98

R-TANK SYSTEM "A"		
MODULE TYPE	SINGLE + MINI	
TRAFFIC LOAD	PEDESTRIAN	
# OF TANKS	10	
TANK STORAGE	63.3 C.F.	
STONE STORAGE	115.7 C.F.	
TOTAL STORAGE	179.0 C.F.	
TOP OF COVER STONE	27.00	
TOP OF R-TANK	26.00	
BOTTOM OF TANK	23.83	
STONE BASE INVERT	23.58	
SYSTEM IS 2.35' WIDE BY	11.7' LONG	

32

NOTE: SEE

ARCHITECTURAL PLANS FOR YARD DRAIN LOCATIONS
AND CONNECTIONS
THROUGH BUILDING

MODULE TYPE	SINGLE + MINI		
TRAFFIC LOAD	PEDESTRIAN		
# OF TANKS	8		
TANK STORAGE	50.7 C.F.		
STONE STORAGE	99.8 C.F.		
TOTAL STORAGE	150.5 C.F.		
TOP OF COVER STONE	26.90		
TOP OF R-TANK	25.90		
BOTTOM OF TANK	23.73		
STONE BASE INVERT 23.48			
SYSTEM IS 2.35' WIDE BY 9.38' LONG			

\_\_\_ 33x99

GRADE TO REMAIN

DOWNSPOUT LOCATION, TYP. SEE ARCHITECTURAL PLANS

TOW 29x77

SMH 5367

STEPS-COORDINATE WITH LANDSCAPE ARCHITECT

TOW TO MATCH ADJACENT GRADE

33x37

EXPOSED WALL TO BE REPAIRED AS NEEDED

PROPOSED FILTREXX
SILTSOXX FILTRATION

ABUTTER PERMISSION

SYSTEM WITH

 $\begin{array}{|c|c|c|}\hline 0 & \text{PROPOSED} \\\hline D4 & \text{DRIP} \\ \text{APRON} \\\hline \end{array}$ 

6" DRAIN CONNECTION FROM REAR

DMH 1 24" HARCO STRUCTURE

CONNECT TO 15" DRAIN PIPE WITH AN INSERTA-TEE

CB 4629

J CB INLET BASKET

- 36x21 THRESHOLD

— 33x25

34x81

30x0

TOW 33x23



AMBIT ENGINEERING, INC.

Civil Engineers & Land Surveyors 200 Griffin Road - Unit 3 Portsmouth, N.H. 03801-7114 Tel (603) 430-9282

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# COMMERCIAL DEVELOPMENT 93 PLEASANT STREET PORTSMOUTH, N.H.

	5	BUILDING, GRADES	6/3/22
ı	5	Bollbillo, olvible	
1	4	BUILDING	5/4/22
I	3	DRAINS	12/7/21
	2	DRAIN SYSTEM	11/22/21
<u>ا</u>	1	ISSUED FOR APPROVAL	10/20/21
$\setminus$	0	ISSUED FOR COMMENT	4/2/21
1	NO.	DESCRIPTION	DATE
		REVISIONS	



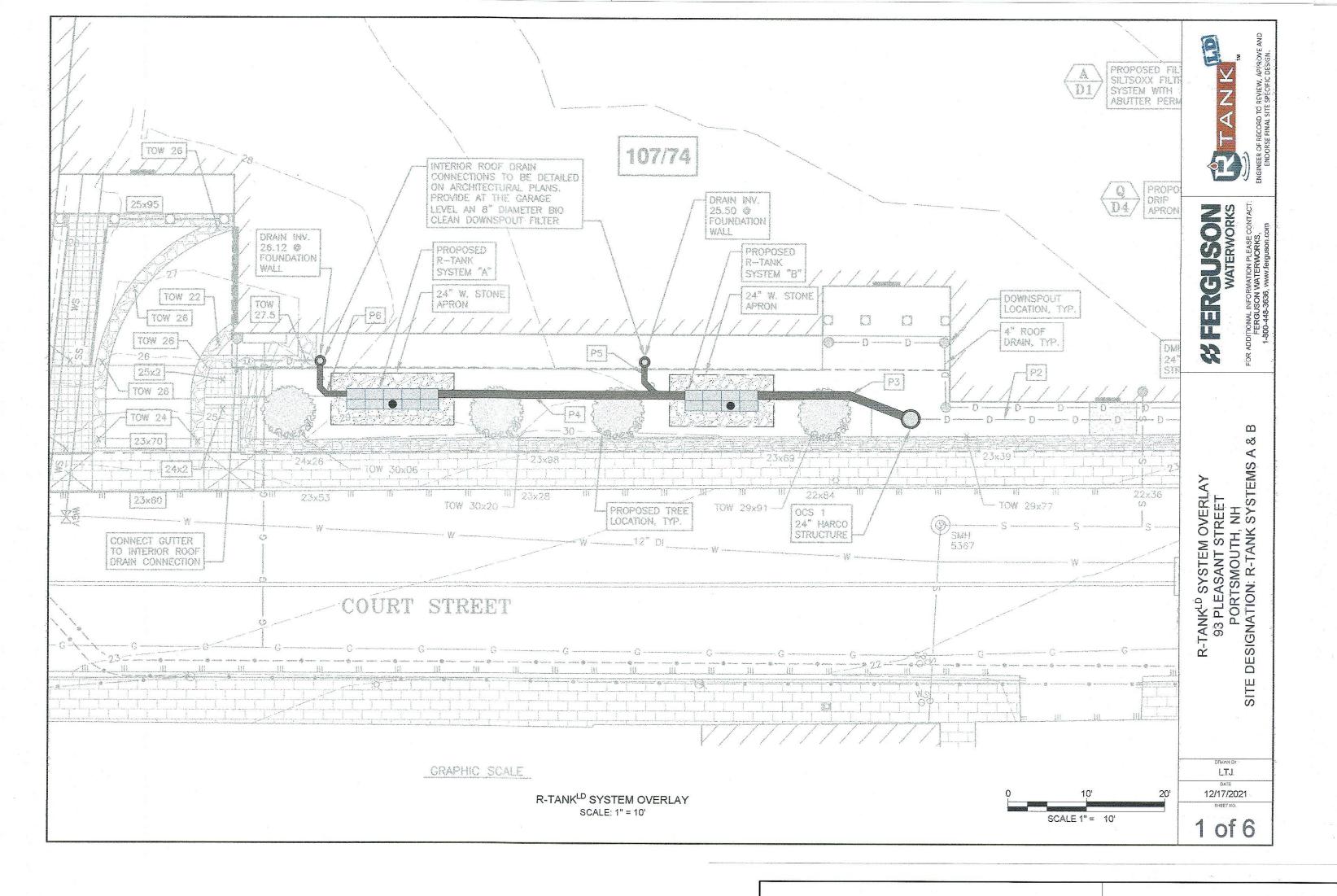
SCALE: 1" = 10'

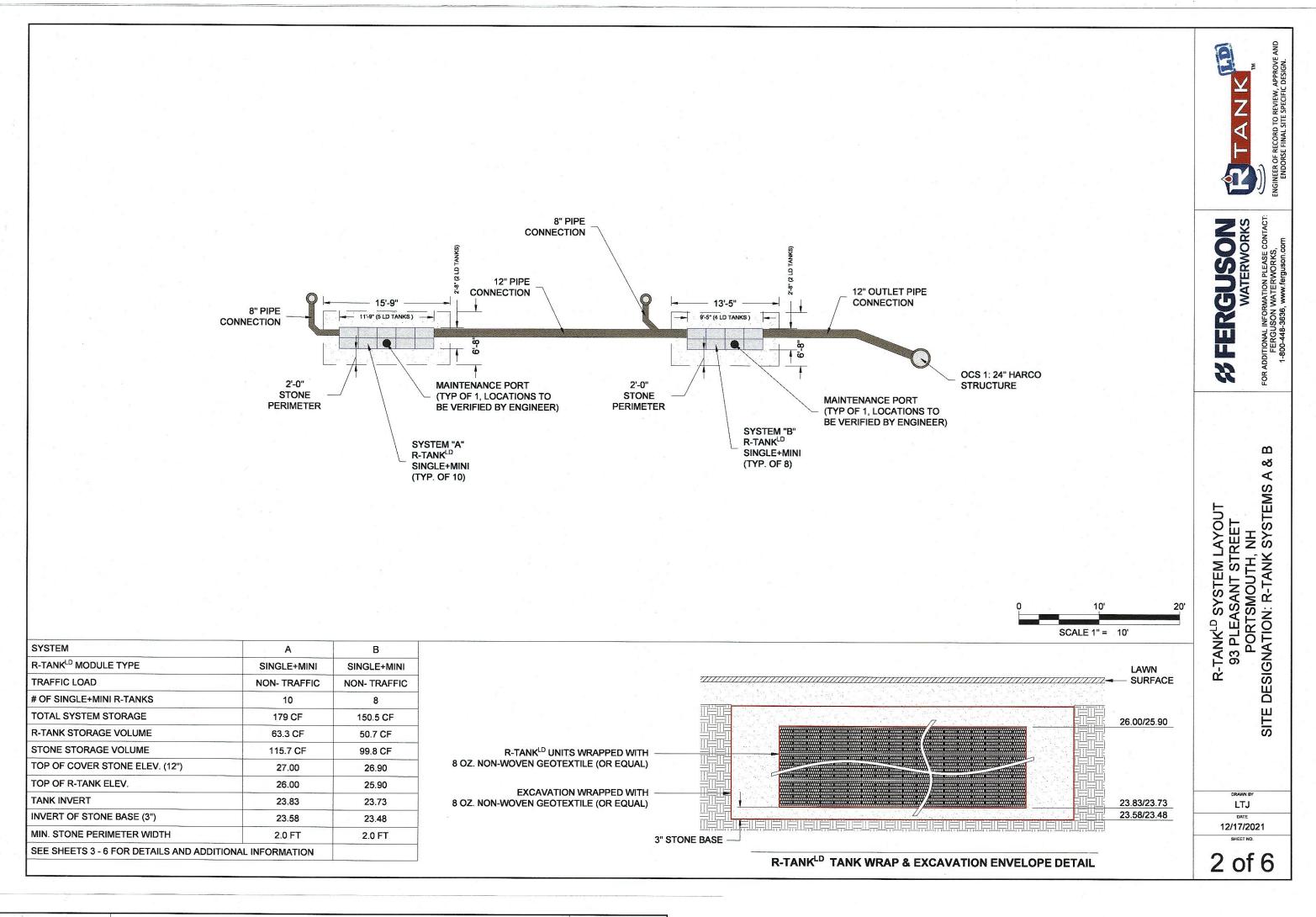
DECEMBER 2020

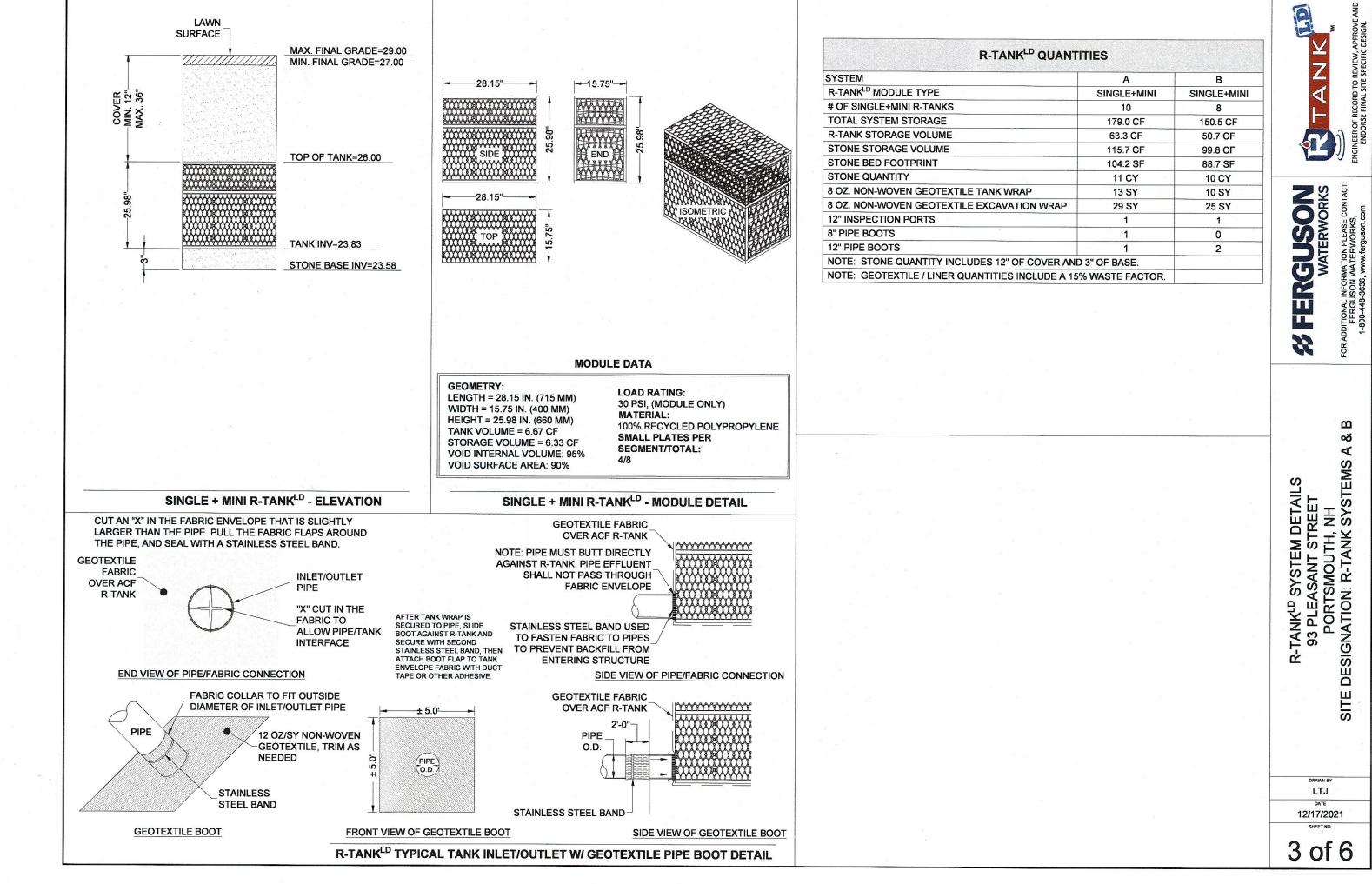
GRADING & EROSION CONTROL PLAN

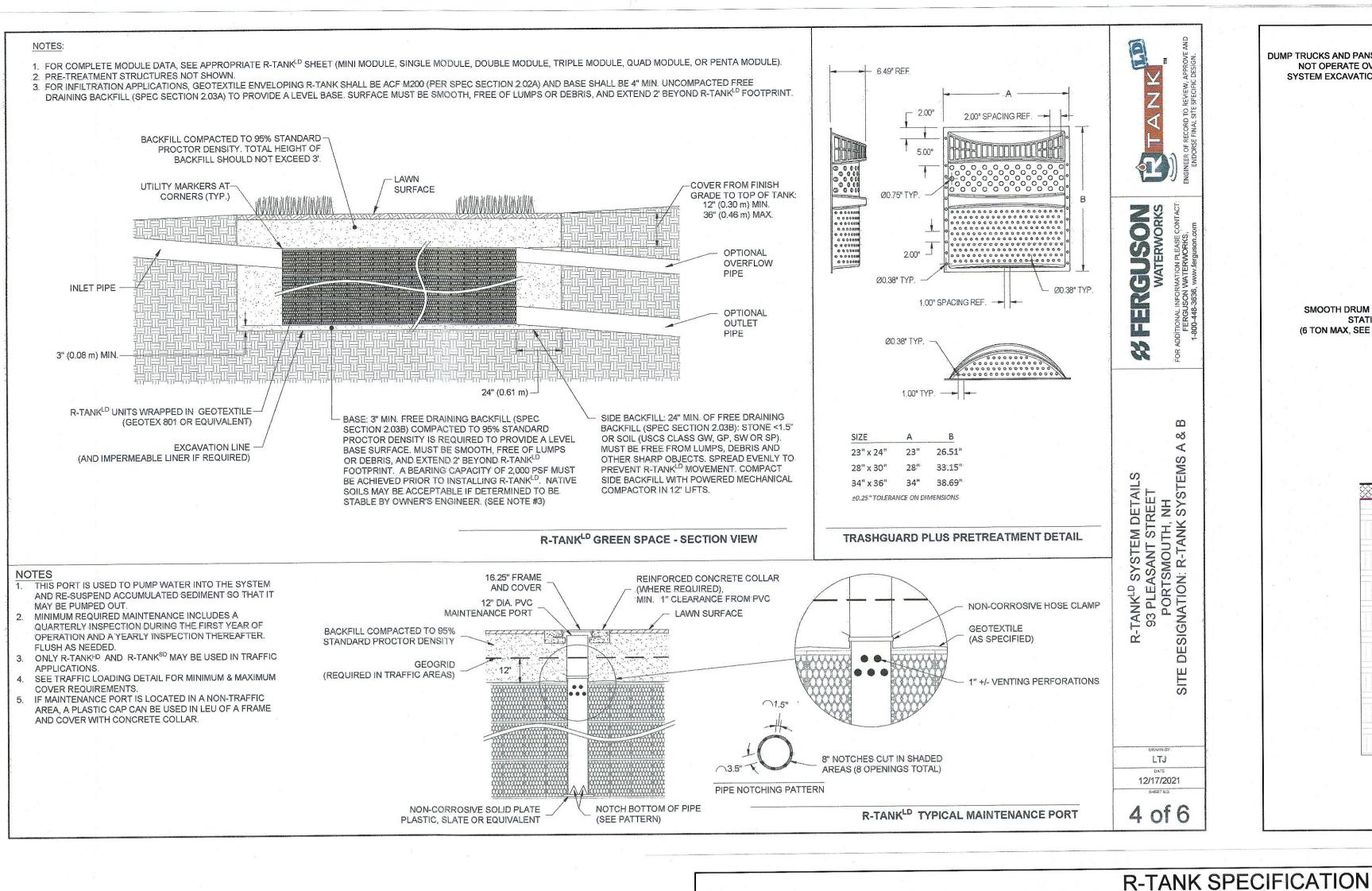
FB 321 PG 72

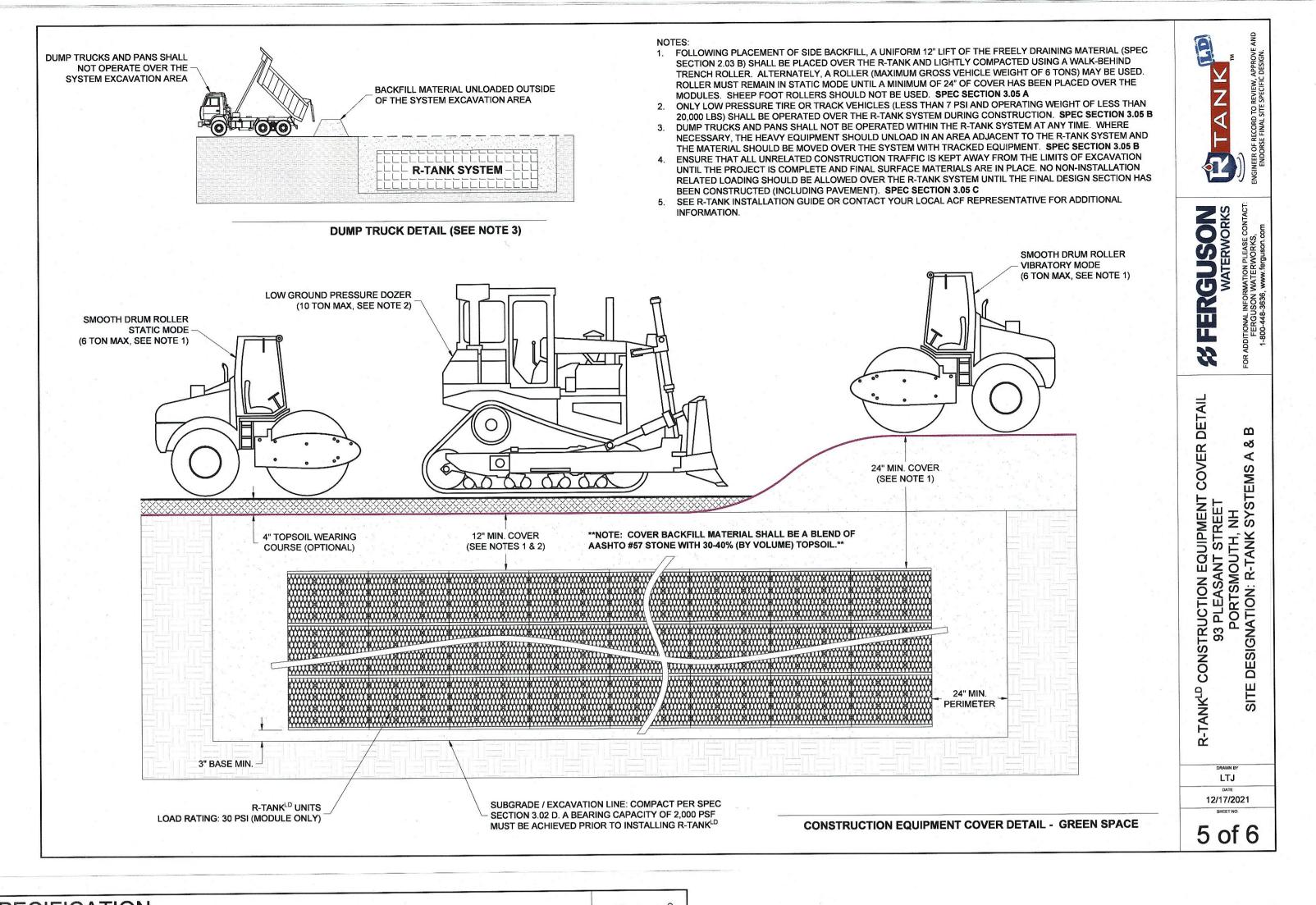
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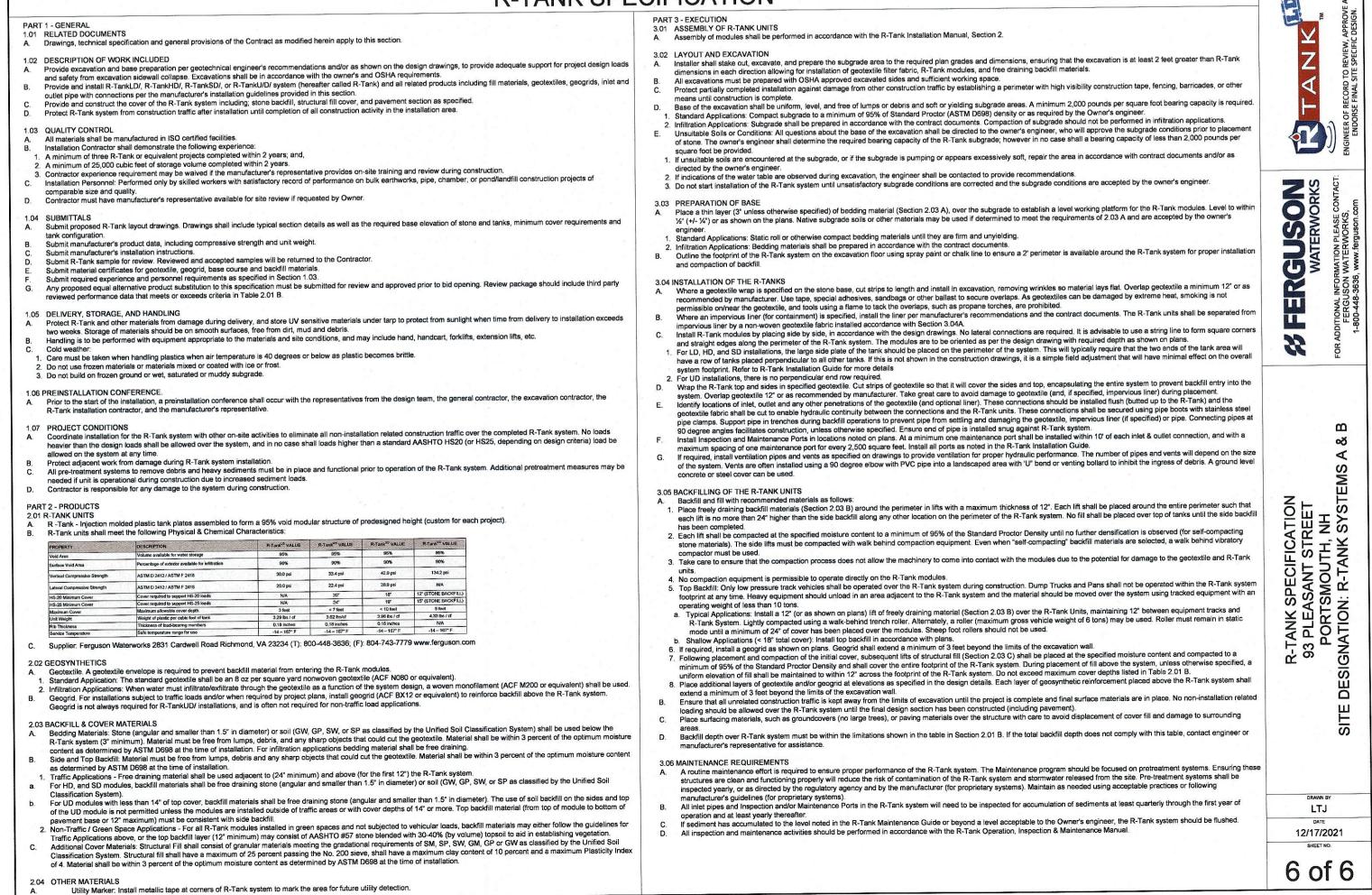


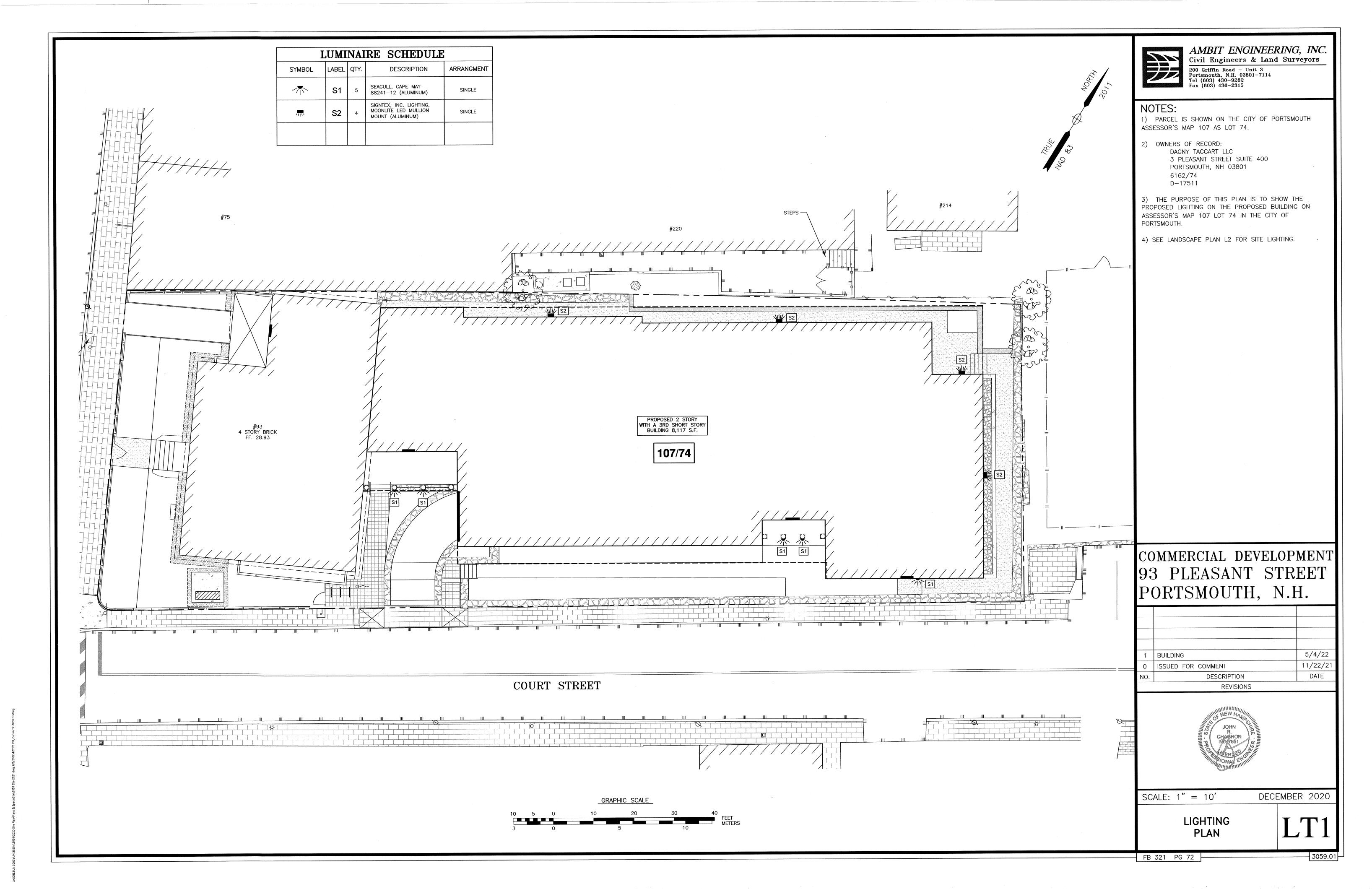












#### **EROSION CONTROL NOTES**

#### **CONSTRUCTION SEQUENCE**

DO NOT BEGIN CONSTRUCTION UNTIL ALL LOCAL, STATE AND FEDERAL PERMITS HAVE BEEN APPLIED FOR AND RECEIVED.

IF REQUIRED THE CONTRACTOR SHALL OBTAIN AN NPDES PHASE II STORMWATER PERMIT AND SUBMIT A NOTICE OF INTENT (N.O.I) BEFORE BEGINNING CONSTRUCTION AND SHALL HAVE ON SITE A STORMWATER POLLUTION PREVENTION PLAN (S.W.P.P.P.) AVAILABLE FOR INSPECTION BY THE PERMITTING AUTHORITY DURING THE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CARRYING OUT THE S.W.P.P.P. AND INSPECTING AND MAINTAINING ALL BMP'S CALLED FOR BY THE PLAN. THE CONTRACTOR SHALL SUBMIT A NOTICE OF TERMINATION (N.O.T.) FORM TO THE REGIONAL EPA OFFICE WITHIN 30 DAYS OF FINAL STABILIZATION OF THE ENTIRE SITE OR TURNING OVER CONTROL OF THE SITE TO ANOTHER OPERATOR.

INSTALL PERIMETER CONTROLS, i.e., SILTSOXX AND CATCH BASIN PROTECTION AROUND THE LIMITS OF DISTURBANCE BEFORE ANY EARTH MOVING OPERATIONS. THE USE OF HAYBALES IS NOT ALLOWED.

PLACE FODS AS NEEDED.

CUT AND GRUB ALL TREES, SHRUBS, SAPLINGS, BRUSH, VINES AND REMOVE OTHER DEBRIS AND RUBBISH AS REQUIRED. DEMOLISH BUILDINGS AND FENCES AS NEEDED. REMOVE WALL AND

#### ROUGH GRADE SITE.

LAYOUT AND INSTALL ALL BURIED UTILITIES AND SERVICES UP TO 10' OF THE PROPOSED BUILDING FOUNDATIONS. CAP AND MARK TERMINATIONS OR LOG SWING TIES.

CONSTRUCT BUILDING.

#### CONNECT UTILITIES.

PLACE BINDER LAYER OF PAVEMENT FOR SIDEWALKS.

PLANT LANDSCAPING IN AREAS OUT OF WAY OF BUILDING CONSTRUCTION. PREPARE AND STABILIZE FINAL SITE GRADING BY ADDING TOPSOIL, SEED, MULCH AND FERTILIZER.

AFTER BUILDINGS ARE COMPLETED, FINISH ALL REMAINING LANDSCAPED WORK.

#### CONSTRUCT SIDEWALKS.

REMOVE TRAPPED SEDIMENTS FROM COLLECTION DEVICES AS APPROPRIATE, AND THEN REMOVE TEMPORARY EROSION CONTROL MEASURES UPON COMPLETION OF FINAL STABILIZATION OF THE

#### **GENERAL CONSTRUCTION NOTES**

THE EROSION CONTROL PROCEDURES SHALL CONFORM TO SECTION 645 OF THE "STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION" OF THE NHDOT, AND "STORM WATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS IN NEW HAMPSHIRE". THE PROJECT IS TO BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430:53 AND CHAPTER AGR 3800 RELATIVE TO INVASIVE

DURING CONSTRUCTION AND THEREAFTER, EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED AS NOTED. THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT. NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED FOR MORE THAN 45

ANY DISTURBED AREAS WHICH ARE TO BE LEFT TEMPORARILY, AND WHICH WILL BE REGRADED LATER DURING CONSTRUCTION SHALL BE MACHINE HAY MULCHED AND SEEDED WITH RYE GRASS TO PREVENT FROSION.

DUST CONTROL: IF TEMPORARY STABILIZATION PRACTICES, SUCH AS TEMPORARY VEGETATION AND MULCHING, DO NOT ADEQUATELY REDUCE DUST GENERATION, APPLICATION OF WATER OR CALCIUM CHLORIDE SHALL BE APPLIED IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES.

SILT FENCES AND SILTSOXX SHALL BE PERIODICALLY INSPECTED DURING THE LIFE OF THE PROJECT AND AFTER EACH STORM. ALL DAMAGED SILT FENCES AND SILTSOXX SHALL BE REPAIRED. SEDIMENT DEPOSITS SHALL PERIODICALLY BE REMOVED AND DISPOSED IN A SECURED LOCATION.

AVOID THE USE OF FUTURE OPEN SPACES ( LOAM AND SEED AREAS ) WHEREVER POSSIBLE DURING CONSTRUCTION. CONSTRUCTION TRAFFIC SHALL USE THE ROADBEDS OF FUTURE ACCESS DRIVES AND PARKING AREAS.

ADDITIONAL TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN AMOUNTS NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS -- CONSTRUCT SILT FENCE OR SILTSOXX AROUND TOPSOIL STOCKPILE.

AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS OR OTHER OBJECTIONABLE MATERIAL. STUMPS SHALL BE DISPOSED OF IN AN APPROVED FACILITY.

ALL FILLS SHALL BE PLACED AND COMPACTED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS.

ALL NON-STRUCTURAL, SITE-FILL SHALL BE PLACED AND COMPACTED TO 90% MODIFIED PROCTOR DENSITY IN LAYERS NOT EXCEEDING 18 INCHES IN THICKNESS UNLESS OTHERWISE NOTED.

FROZEN MATERIAL OR SOFT, MUCKY OR HIGHLY COMPRESSIBLE MATERIAL, TRASH, WOODY DEBRIS, LEAVES, BRUSH OR ANY DELETERIOUS MATTER SHALL NOT BE INCORPORATED INTO FILLS.

FILL MATERIAL SHALL NOT BE PLACED ON FROZEN FOUNDATION SUBGRADE.

DURING CONSTRUCTION AND UNTIL ALL DEVELOPED AREAS ARE FULLY STABILIZED. ALL EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH ONE HALF INCH OF RAINFAI I

THE CONTRACTOR SHALL MODIFY OR ADD EROSION CONTROL MEASURES AS NECESSARY TO ACCOMMODATE PROJECT CONSTRUCTION.

ALL ROADWAYS AND PARKING AREAS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE. ALL CUT AND FILL SLOPES SHALL BE SEEDED/LOAMED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.

AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:

- BASE COURSE GRAVELS HAVE BEEN INSTALLED ON AREAS TO BE PAVED - A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED

- A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS

BEEN INSTALLED - EROSION CONTROL BLANKETS HAVE BEEN INSTALLED

## <u>VEGETATIVE PRACTICE</u>

PER ACRE.

#### FOR PERMANENT MEASURES AND PLANTINGS:

FERTILIZER SHALL BE SPREAD ON THE TOP LAYER OF LOAM AND WORKED INTO THE SURFACE. FERTILIZER APPLICATION RATE SHALL BE 500 POUNDS PER ACRE OF 10-20-20 FERTILIZER.

#### **VEGETATIVE PRACTICE, CONT.:**

SEED SHALL BE SOWN AT THE RATES SHOWN IN THE TABLE BELOW. IMMEDIATELY BEFORE SEEDING, THE SOIL SHALL BE LIGHTLY RAKED. ONE HALF THE SEED SHALL BE SOWN IN ONE DIRECTION AND THE OTHER HALF AT RIGHT ANGLES TO THE ORIGINAL DIRECTION. IT SHALL BE LIGHTLY RAKED INTO THE SOIL TO A DEPTH NOT OVER 1/4 INCH AND ROLLED WITH A HAND ROLLER WEIGHING NOT OVER 100 POUNDS PER LINEAR FOOT OF WIDTH. HAY MULCH SHALL BE APPLIED IMMEDIATELY AFTER SEEDING AT A RATE OF 1.5 TO 2 TONS PER ACRE, AND SHALL BE HELD IN PLACE USING APPROPRIATE TECHNIQUES FROM THE EROSION AND SEDIMENT CONTROL

THE SURFACE SHALL BE WATERED AND KEPT MOIST WITH A FINE SPRAY AS REQUIRED, WITHOUT WASHING AWAY THE SOIL, UNTIL THE GRASS IS WELL ESTABLISHED. ANY AREAS WHICH ARE NOT SATISFACTORILY COVERED SHALL BE RESEEDED, AND ALL NOXIOUS WEEDS REMOVED.

PROPORTION SEEDING RATE

48 LBS/ACRE

A GRASS SEED MIXTURE CONTAINING THE FOLLOWING SEED REQUIREMENTS SHALL BE:

CREEPING RED FESCUE 50% 100 LBS/ACRE KENTUCKY BLUEGRASS 50% SLOPE SEED (USED ON ALL SLOPES GREATER THAN OR EQUAL TO 3:1) CREEPING RED FESCUE 42%

42%

16%

IN NO CASE SHALL THE WEED CONTENT EXCEED ONE PERCENT BY WEIGHT. ALL SEED SHALL COMPLY WITH APPLICABLE STATE AND FEDERAL SEED LAWS.

FOR TEMPORARY PROTECTION OF DISTURBED AREAS:

MULCHING AND SEEDING SHALL BE APPLIED AT THE FOLLOWING RATES: PERENNIAL RYE: 0.7 LBS/1,000 S.F.

1.5 TONS/ACRE

GENERAL COVER

TALL FESCUE

BIRDSFOOT TREFOIL

#### MAINTENANCE AND PROTECTION

THE CONTRACTOR SHALL MAINTAIN ALL LOAM & SEED AREAS UNTIL FINAL ACCEPTANCE AT THE COMPLETION OF THE CONTRACT. MAINTENANCE SHALL INCLUDE WATERING, WEEDING, REMOVAL OF STONES AND OTHER FOREIGN OBJECTS OVER 1/2 INCHES IN DIAMETER WHICH MAY APPEAR AND THE FIRST TWO (2) CUTTINGS OF GRASS NO CLOSER THEN TEN (10) DAYS APART. THE FIRST CUTTING SHALL BE ACCOMPLISHED WHEN THE GRASS IS FROM 2 1/2 TO 3 INCHES HIGH. ALL BARE AND DEAD SPOTS WHICH BECOME APPARENT SHALL BE PROPERLY PREPARED, LIMED AND FERTILIZED, AND RESEEDED BY THE CONTRACTOR AT HIS EXPENSE AS MANY TIMES AS NECESSARY TO SECURE GOOD GROWTH. THE ENTIRE AREA SHALL BE MAINTAINED, WATERED AND CUT UNTIL ACCEPTANCE OF THE LAWN BY THE OWNER'S REPRESENTATIVE.

THE CONTRACTOR SHALL TAKE WHATEVER MEASURES ARE NECESSARY TO PROTECT THE GRASS WHILE IT IS DEVELOPING.

TO BE ACCEPTABLE, SEEDED AREAS SHALL CONSIST OF A UNIFORM STAND OF AT LEAST 90 PERCENT ESTABLISHED PERMANENT GRASS SPECIES, WITH UNIFORM COUNT OF AT LEAST 100 PLANTS PER SQUARE FOOT.

SEEDED AREAS WILL BE FERTILIZED AND RESEEDED AS NECESSARY TO INSURE VEGETATIVE ESTABLISHMENT.

THE SWALES WILL BE CHECKED WEEKLY AND REPAIRED WHEN NECESSARY UNTIL ADEQUATE VEGETATION IS ESTABLISHED.

THE SILT FENCE OR SILTSOXX BARRIER SHALL BE CHECKED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.

SILT FENCING AND SILTSOXX SHALL BE REMOVED ONCE VEGETATION IS ESTABLISHED, AND DISTURBED AREAS RESULTING FROM SILT FENCE AND SILTSOXX REMOVAL SHALL BE PERMANENTLY SEEDED.

#### **WINTER NOTES**

ALL PROPOSED VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAI 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.

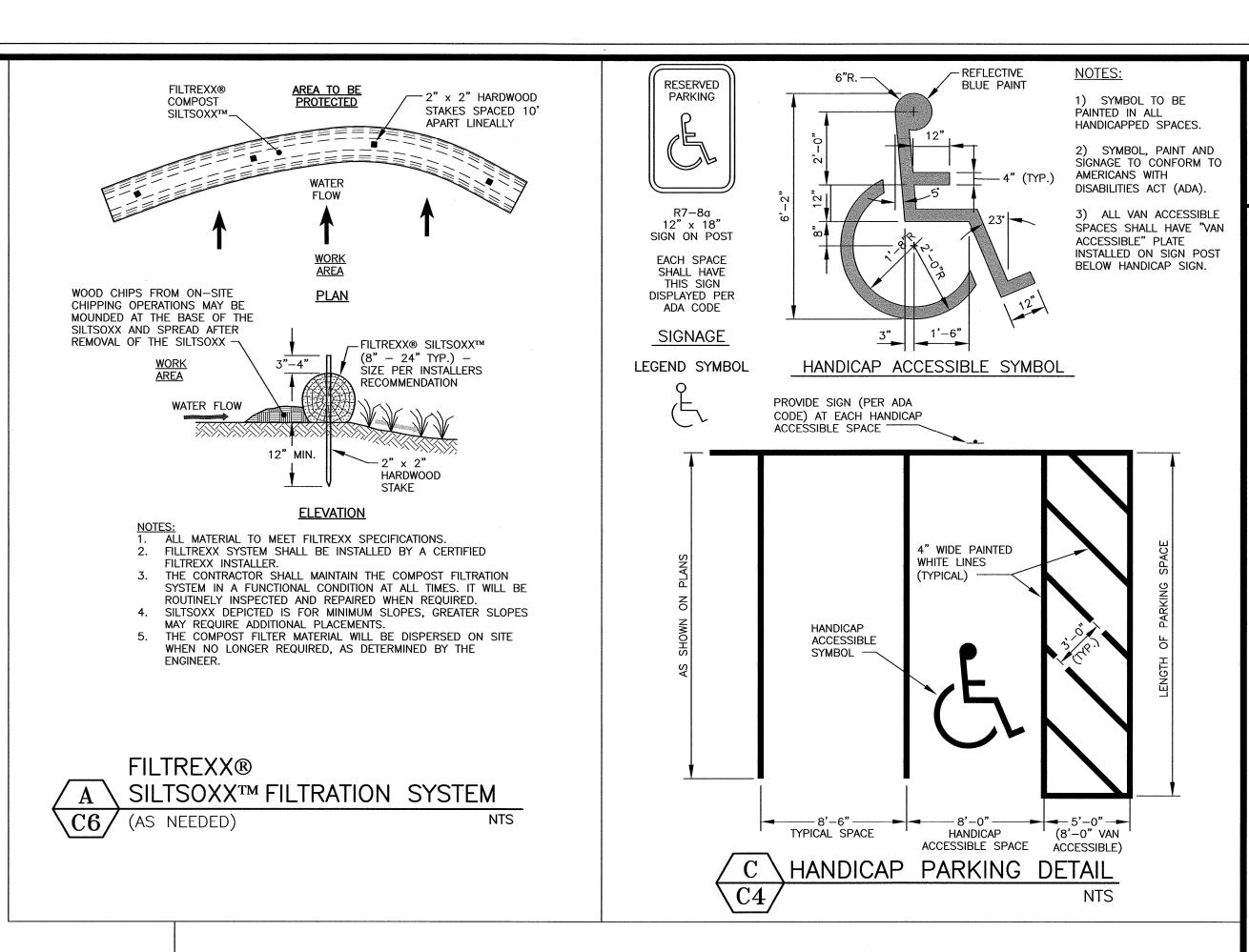
ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW

AFTER NOVEMBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL PER NHDOT ITEM 304.3.

#### CITY OF PORTSMOUTH TREE PLANTING REQUIREMENTS

THE BASE OF THE CITY OF PORTSMOUTH TREE PLANTING REQUIREMENTS IS THE ANSI A300 PART 6 STANDARD PRACTICES FOR PLANTING AND TRANSPLANTING. ANSI A300 PART 6 LAYS OUT TERMS AND BASIC STANDARDS AS SET FORTH BY INDUSTRY BUT IS NOT THE "END ALL" FOR THE CITY OF PORTSMOUTH. THE FOLLOWING ARE THE CITY OF PORTSMOUTH, NH TREE PLANTING REQUIREMENTS THAT ARE IN ADDITION TO OR THAT GO BEYOND THE ANSI A300 PART 6.

- 1. ALL PLANTING HOLES MUST BE DUG BY HAND- NO MACHINES. THE ONLY EXCEPTIONS ARE NEW CONSTRUCTION WHERE NEW PLANTING PITS. PLANTING BEDS WITH GRANITE CURBING. AND PLANTING SITES WITH SILVA CELLS ARE BEING CREATED. IF A MACHINE IS USED TO DIG IN ANY OF THESE SITUATIONS AND PLANTING DEPTH NEEDS TO BE RAISED THE MATERIAL IN THE BOTTOM OF THE PLANTING HOLE MUST BE FIRMED WITH MACHINE TO PREVENT SINKING OF THE ROOT BALL.
- 2. ALL WIRE AND BURLAP SHALL BE REMOVED FROM THE ROOT BALL AND PLANTING HOLE.
- 3. THE ROOT BALL OF THE TREE SHALL BE WORKED SO THAT THE ROOT COLLAR OF THE TREE IS VISIBLE AND NO GIRDLING ROOTS ARE PRESENT.
- 4. THE ROOT COLLAR OF THE TREE SHALL BE 2"-3" ABOVE GRADE OF PLANTING HOLE FOR FINISHED DEPTH.
- 5. ALL PLANTINGS SHALL BE BACKFILLED WITH SOIL FROM THE SITE AND AMENDED NO MORE THAN 20% WITH ORGANIC COMPOST. THE ONLY EXCEPTIONS ARE NEW CONSTRUCTION WHERE ENGINEERED SOIL IS BEING USED IN CONJUNCTION WITH SILVA CELLS AND WHERE NEW PLANTING BEDS ARE BEING CREATED
- 6. ALL PLANTINGS SHALL BE BACKFILLED IN THREE LIFTS AND ALL LIFTS SHALL BE WATERED SO THE PLANTING WILL BE SET AND FREE OF AIR POCKETS- NO EXCEPTIONS.
- 7. AN EARTH BERM SHALL BE PLACED AROUND THE PERIMETER OF THE PLANTING HOLE EXCEPT WHERE CURBED PLANTING BEDS OR PITS ARE BEING USED.
- 8. 2"-3" OF MULCH SHALL BE PLACED OVER THE PLANTING AREA.
- LIMESTONE SHALL BE THOROUGHLY INCORPORATED INTO THE LOAM LAYER AT A RATE OF 2 TONS 9. AT THE TIME THE PLANTING IS COMPLETE THE PLANTING SHALL RECEIVE ADDITIONAL WATER TO ENSURE COMPLETE HYDRATION OF THE ROOTS, BACKFILL MATERIAL, AND MULCH LAYER.
  - 10. STAKES AND GUYS SHALL BE USED WHERE APPROPRIATE AND/OR NECESSARY. GUY MATERIAL SHALL BE NON-DAMAGING TO THE
  - 11. ALL PLANTING STOCK SHALL BE SPECIMEN QUALITY, FREE OF DEFECTS, AND DISEASE OR INJURY. THE CITY OF PORTSMOUTH, NH RESERVES THE RIGHT TO REFUSE/REJECT ANY PLANT MATERIAL OR PLANTING ACTION THAT FAILS TO MEET THE STANDARDS SET FORTH IN THE ANSI A300 PART 6 STANDARD PRACTICES FOR PLANTING AND TRANSPLANTING AND/OR THE CITY OF PORTSMOUTH, NH PLANTING REQUIREMENTS.



# FODS TRACKOUT CONTROL SYSTEM

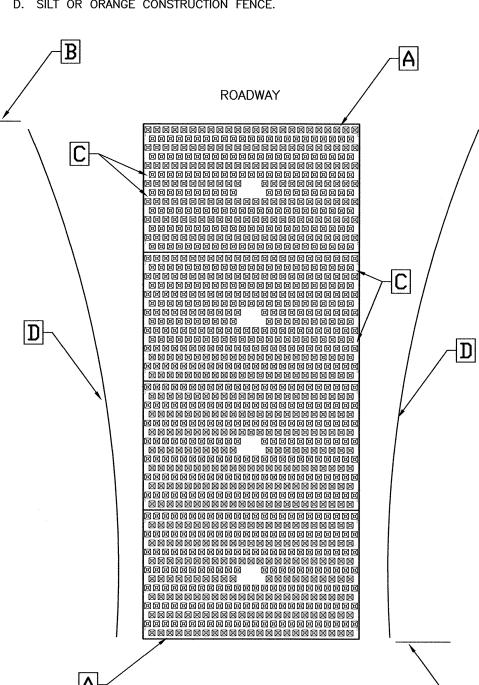
**INSTALLATION:** 

THE PURPOSE AND DESIGN OF THE FODS TRACKOUT CONTROL SYSTEM IS TO EFFECTIVELY REMOVE MOST SEDIMENT FROM VEHICLE TIRES AS THEY EXIT A DISTURBED LAND AREA ONTO A PAVED STREET. THIS MANUAL IS A PLATFORM FROM WHICH TO INSTALL A FODS TRACKOUT CONTROL SYSTEM. (NOTE: THIS IS NOT A ONE SIZE FITS ALL GUIDE.) THE INSTALLATION MAY NEED TO BE MODIFIED TO MEET THE EXISTING CONDITIONS, EXPECTATIONS, OR DEMANDS OF A PARTICULAR SITE. THIS IS A GUIDELINE. ULTIMATELY THE FODS TRACKOUT CONTROL SYSTEM SHOULD BE INSTALLED SAFELY WITH PROPER ANCHORING AND SIGNS PLACED AT THE ENTRANCE AND EXIT TO CAUTION USERS AND OTHERS.

A. FODS TRACKOUT CONTROL SYSTEM MAT.

B. FODS SAFETY SIGN. ANCHOR POINT.

D. SILT OR ORANGE CONSTRUCTION FENCE.



TYPICAL ONE-LANE LAYOUT

INSTALLATION:

1. THE SITE WHERE THE FODS TRACKOUT CONTROL SYSTEM IS TO BE PLACED SHOULD CORRESPOND TO BEST MANAGEMENT PRACTICES AS MUCH AS POSSIBLE. THE SITE WHERE FODS TRACKOUT CONTROL SYSTEM IS PLACED SHOULD ALSO MEET OR EXCEED THE LOCAL JURISDICTION OR STORM WATER POLLUTION PREVENTION PLAN (SWPPP) REQUIREMENTS. CALL FOR UTILITY LOCATES 3 BUSINESS DAYS IN ADVANCE OF THE OF FODS TRACKOUT CONTROL SYSTEM INSTALLATION FOR THE MARKING OF UNDERGROUND UTILITIES. CALL THE

UTILITY NOTIFICATION CENTER AT 811. ONCE THE SITE IS ESTABLISHED WHERE FODS TRACKOUT CONTROL SYSTEM IS TO BE PLACED, ANY EXCESSIVE UNEVEN TERRAIN SHOULD BE LEVELED OUT OR REMOVED SUCH AS LARGE ROCKS, LANDSCAPING MATERIALS, OR SUDDEN ABRUPT CHANGES IN ELEVATION. 4. THE INDIVIDUAL MATS CAN START TO BE PLACED INTO POSITION. THE FIRST MAT SHOULD BE PLACED NEXT TO THE CLOSEST POINT OF EGRESS. THIS WILL ENSURE THAT THE VEHICLE WILL EXIT STRAIGHT FROM THE SITE ONTO THE PAVED SURFACE. 8. AFTER THE FIRST MAT IS PLACED DOWN IN THE PROPER LOCATION, MATS SHOULD BE ANCHORED TO PREVENT THE POTENTIAL MOVEMENT WHILE THE ADJOINING MATS ARE INSTALLED. ANCHORS SHOULD BE PLACED AT EVERY ANCHOR POINT (IF FEASIBLE) TO HELP MAINTAIN THE

9. AFTER THE FIRST MAT IS ANCHORED IN ITS PROPER PLACE, AN H BRACKET SHOULD BE PLACED AT THE END OF THE FIRST MAT BEFORE ANOTHER MAT IS PLACED ADJACENT TO THE FIRST MAT 10. ONCE THE SECOND MAT IS PLACED ADJACENT TO THE FIRST MAT, MAKE SURE THE H BRACKET IS CORRECTLY SITUATED BETWEEN THE TWO MATS, AND SLIDE MATS TOGETHER. 11. NEXT THE CONNECTOR STRAPS SHOULD BE INSTALLED TO CONNECT THE TWO MATS TOGFTHER.

12. UPON PLACEMENT OF EACH NEW MAT IN THE SYSTEM, THAT MAT SHOULD BE ANCHORED AT EVERY ANCHOR POINT TO HELP STABILIZE THE MAT AND ENSURE THE SYSTEM IS CONTINUOUS WITH NO GAPS IN BETWEEN THE MATS 13. SUCCESSIVE MATS CAN THEN BE PLACED TO CREATE THE FODS TRACKOUT CONTROL SYSTEM REPEATING THE ABOVE STEPS.

VEHICLES SHOULD TRAVEL DOWN THE LENGTH OF THE TRACKOUT CONTROL SYSTEM AND NOT CUT ACROSS THE MATS. DRIVERS SHOULD TURN THE WHEEL OF THEIR VEHICLES SUCH THAT THE VEHICLE WILL MAKE A SHALLOW S-TURN ROUTE DOWN THE LENGTH OF THE FODS TRACKOUT CONTROL MATS SHOULD BE CLEANED ONCE THE VOIDS BETWEEN THE PYRAMIDS BECOME FULL OF

SEDIMENT. TYPICALLY THIS WILL NEED TO BE PERFORMED WITHIN TWO WEEKS AFTER A STORM EVENT. BRUSHING IS THE PREFERRED METHOD OF CLEANING, EITHER MANUALLY OR MECHANICALLY 4. THE USE OF ICE MELT, ROCK SALT, SNOW MELT, DE-ICER, ETC. SHOULD BE UTILIZED AS NECESSARY DURING THE WINTER MONTHS AND AFTER A SNOW EVENT TO PREVENT ICE

REMOVAL OF FODS TRACKOUT CONTROL SYSTEM IS REVERSE ORDER OF INSTALLATION. STARTING WITH THE LAST MAT, THE MAT THAT IS PLACED AT THE INNERMOST POINT OF THE SITE OR THE MAT FURTHEST FROM THE EXIT OR PAVED SURFACE SHOULD BE REMOVED

THE ANCHORS SHOULD BE REMOVED. THE CONNECTOR STRAPS SHOULD BE UNBOLTED AT ALL LOCATIONS IN THE FODS 5. STARTING WITH THE LAST MAT IN THE SYSTEM, EACH SUCCESSIVE MAT SHOULD THEN BE MOVED AND STACKED FOR LOADING BY FORKLIFT OR EXCAVATOR ONTO A TRUCK FOR

FODS (USE AS REQUIRED)

REMOVAL FROM THE SITE.



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Fax (603) 436-2315

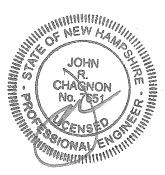
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4) COURT STREET SHALL BE SWEEPED DAILY DURING EXCAVATION PHASE OF THE BUILDING CONSTRUCTION.

# COMMERCIAL DEVELOPMENT 93 PLEASANT STREET PORTSMOUTH, N.H.

2	TREE PLANTING NOTES	6/3/22
1	EXISTING CONDITIONS NOTES	10/20/21
0	ISSUED FOR COMMENT	4/2/21
NO.	DESCRIPTION	DATE
	REVISIONS	



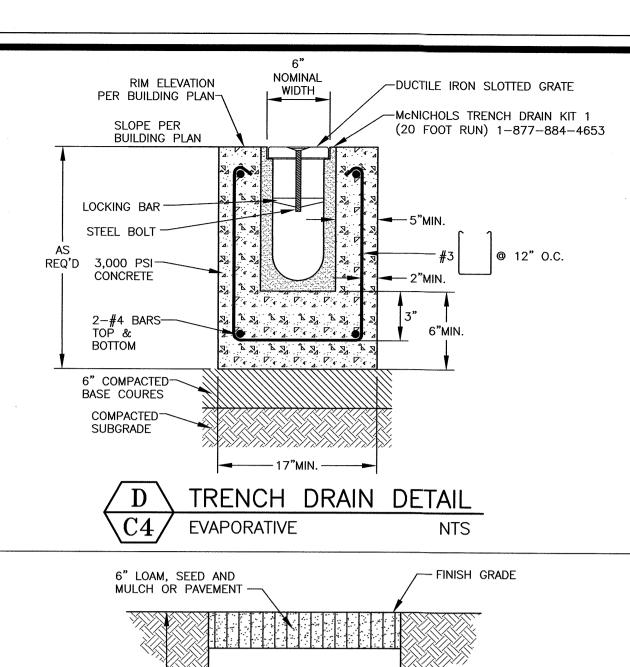
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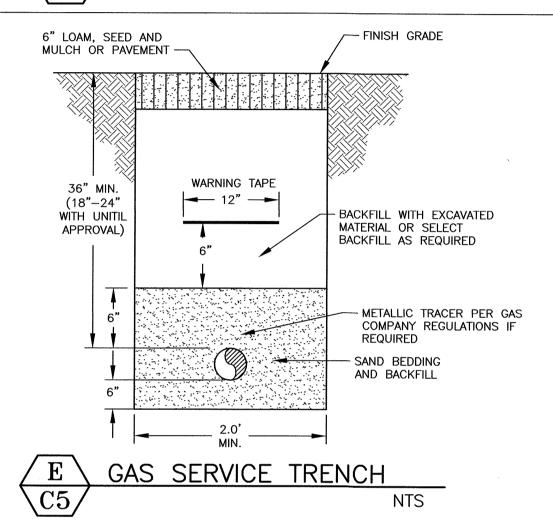
DECEMBER 2020

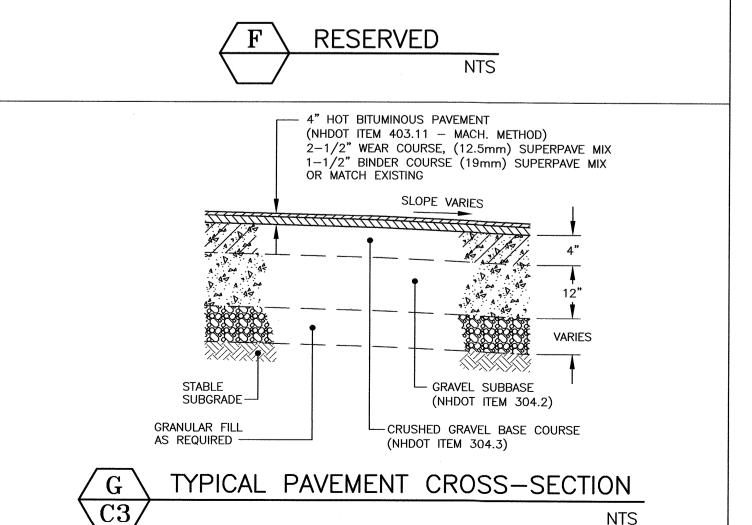
**EROSION PROTECTION** NOTES AND DETAILS

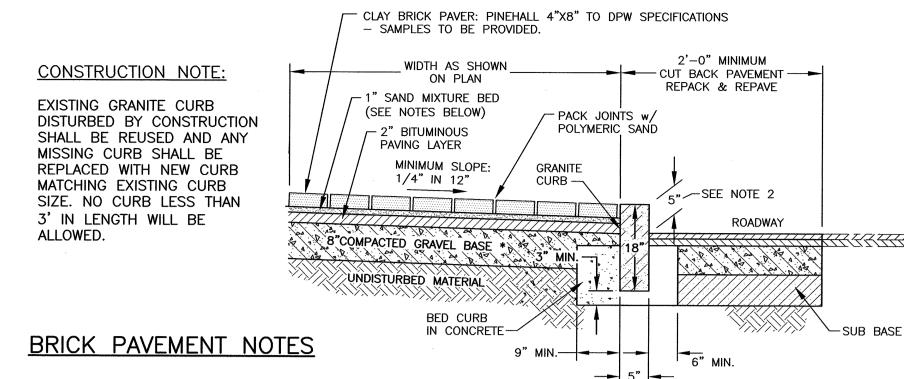
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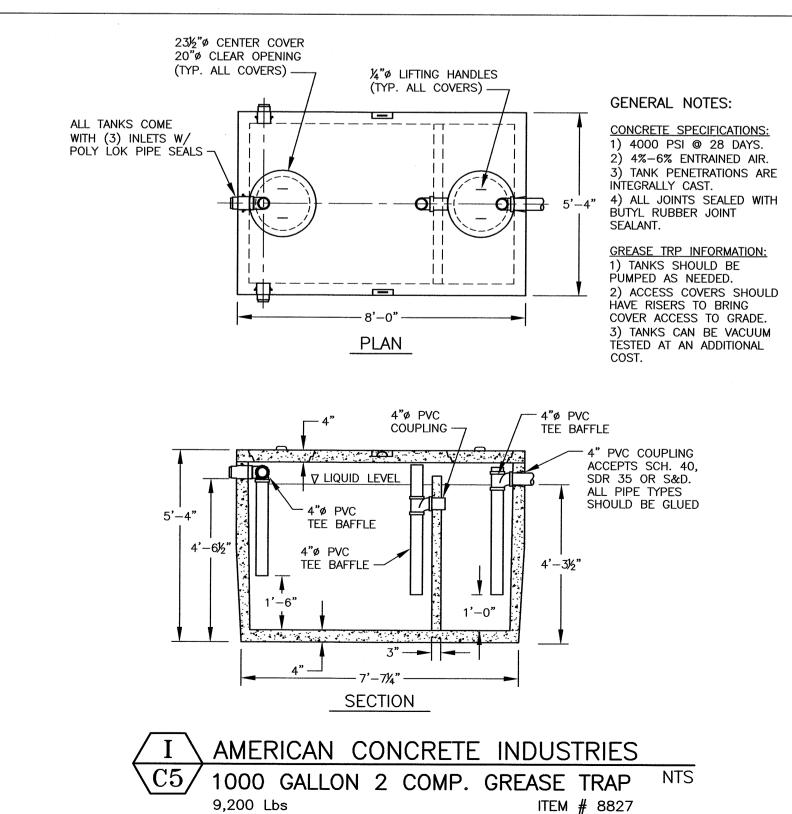
#### SCOPE OF WORK:

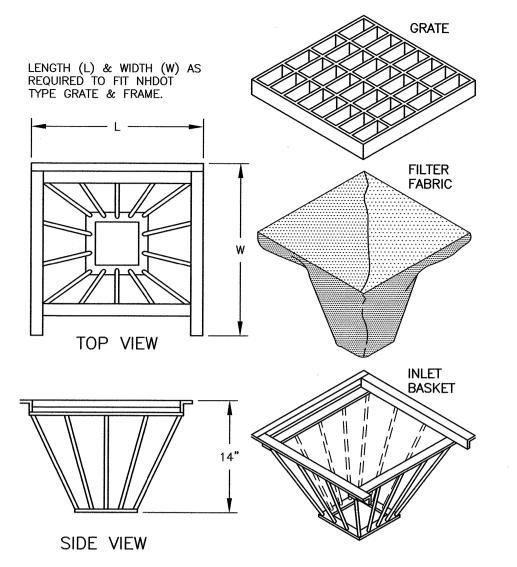
- 1) THE WORK SHALL CONSIST OF CONSTRUCTING/RECONSTRUCTING THE SUB-BASE AND CONSTRUCTING A NEW BRICK SIDEWALK AND DRIVEWAY PAVERS AS DIRECTED IN THE FIELD BY THE ENGINEER.
- 2) REVEAL SHALL BE 5" (COORDINATE WITH PORTSMOUTH DPW).

#### METHODS OF CONSTRUCTION:

- A) ALL LABOR AND MATERIALS SHALL CONFORM TO THE STATE OF NEW HAMPSHIRE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 608, AND CITY OF PORTSMOUTH SPECIFICATIONS FOR NEW BRICK SIDEWALK, SECTION 6.
- B) ALL BRICKS SHALL CONFORM TO THE REQUIREMENTS OF ASTM STANDARD SPECIFICATIONS FOR BUILDING BRICKS: CLASS SX, TYPE 1, APPLICATION PX. THE BRICKS SHALL BE NO. 1, WIRE CUT TYPE FOR PAVING, WITH A COMPRESSIVE STRENGTH OF NOT LESS THAN 6,000 POUNDS PER SQUARE INCH. THE BRICKS SHALL NOT BE CORED OR HAVE FROGS AND SHALL BE OF A STANDARD SIZE (2.25" X 4 X 8"). 60 MM FOR SIDEWALK AND 80 MM FOR DRIVEWAY ENTRANCE.
- C) EXCAVATION FOR SIDEWALKS SHALL BE AT A DEPTH OF 10 INCHES BELOW FINISH GRADE. IN AREAS NOT BUTTING CURBING OR BUILDINGS, THE EXCAVATION SHALL BE 6 INCHES WIDER THAN THE FINISHED SIDEWALK WIDTH. AT ALL DRIVE CROSSINGS, THE DEPTH OF EXCAVATION SHALL BE INCREASED ACCORDINGLY. THE CONTRACTOR SHALL PROVIDE NEAT AND SQUARE CUTTING OF EXISTING ASPHALT ROAD SURFACE AS NEEDED. ALL UNSUITABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF OFF-SITE AT THE CONTRACTOR'S OWN EXPENSE.
- D) THE BASE MATERIAL SHALL CONSIST OF A MIXTURE OF STONES OR ROCK FRAGMENTS AND PARTICLES WITH 100% PASSING THE 3 INCH SIEVE, 95% TO 100% PASSING THE 2 INCH SIEVE, 55% TO 85% PASSING THE 1 INCH SIEVE, AND 27% TO 52% PASSING THE NO. 4 SIEVE. AT LEAST 50% OF THE MATERIALS RETAINED ON THE 1 INCH SIEVE SHALL HAVE A FRACTURED FACE. THE BASE MATERIAL SHALL BE THOROUGHLY COMPACTED TO THE DEPTH SPECIFIED OR DIRECTED. IN THE WAY OF ALL DRIVE CROSSINGS THE BASE WILL BE INCREASED TO A COMPACTED DEPTH OF 12 INCHES. GRAVEL REQUIREMENTS FOR RECONSTRUCTION WILL BE AS DIRECTED, BASED ON SITE CONDITIONS. THE WORK INCLUDES BACKING UP ANY AND ALL CURB BEING INSTALLED BY OTHERS ON BOTH SIDES.
- E) THE CLAY BRICK PAVERS SHALL BE LAID IN A 1 INCH BED OF A SAND MIXTURE COMPRISED OF: 3 PARTS SAND MIXED WITH 1 PART PORTLAND CEMENT.
- F) THE CONTRACTOR SHALL LAY THE BRICKS SO THAT APPROXIMATELY 4.5 BRICKS SHALL COVER ONE SQUARE FOOT.
- G) THE SIDEWALK SHALL PITCH TOWARDS THE STREET AS SHOWN ON THE GRADING PLAN.
- H) IN AREAS WHERE THE FRONT OF THE BRICK SIDEWALK IS NOT ADJACENT TO GRANITE CURBING, THE CONTRACTOR SHALL INSTALL EDGING TO HOLD THE BRICKS IN PLACE. SUCH EDGING SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.
- I) THE CONTRACTOR SHALL SUBMIT A SAMPLE OF THE BRICKS FOR APPROVAL BY THE CITY BEFORE BRICKS ARE INSTALLED.







1) INLET BASKETS SHALL BE INSTALLED IMMEDIATELY AFTER CATCH BASIN CONSTRUCTION IS COMPLETE AND SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL PAVEMENT BINDER COURSE IS COMPLETE.

2) FILTER FABRIC SHALL BE PUSHED DOWN AND FORMED TO THE SHAPE OF THE BASKET. THE SHEET OF FABRIC SHALL BE LARGE ENOUGH TO BE SUPPORTED BY THE BASKET FRAME WHEN HOLDING SEDIMENT AND, SHALL EXTEND AT LEAST 6" PAST THE FRAME. THE INLET GRATE SHALL BE PLACED OVER THE BASKET/FRAME AND WILL SERVE AS THE FABRIC ANCHOR.

3) THE FILTER FABRIC SHALL BE A GEOTEXTILE FABRIC; POLYESTER, POLYPROPYLENE, STABILIZED NYLON, POLYETHYLENE, OR POLYVINYLIDENE CHLORIDE MEETING THE FOLLOWING SPECIFICATIONS:

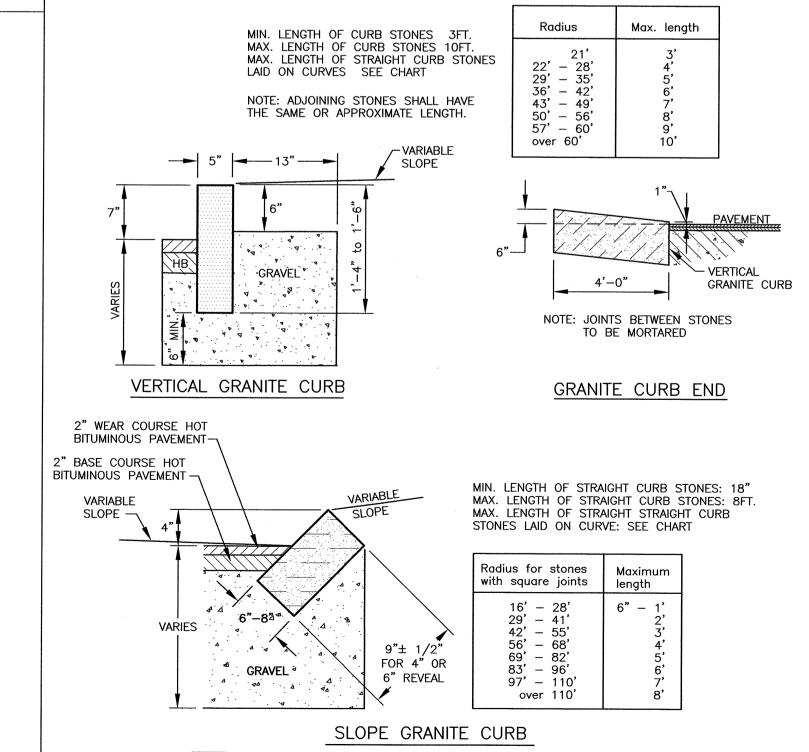
-RAB STRENGTH: 45 LB. MIN. IN ANY PRINCIPAL DIRECTION (ASTM D1682)
-MULLEN BURST STRENGTH: MIN. 60 psi (ASTM D774)

4) THE FABRIC SHALL HAVE AN OPENING NO GREATER THAN A NUMBER 20 U.S. STANDARD SIEVE AND A MINIMUM PERMEABILITY OF 120 gpm/s.f. (MULTIPLY THE PERMITTIVITY IN SEC.-1 FROM ASTM 54491-85 CONSTANT HEAD TEST USING THE CONVERSION FACTOR OF 74.)

5) THE INLET BASKET SHALL BE INSPECTED WITHIN 24 HOURS AFTER EACH RAINFALL OR DAILY DURING EXTENDED PERIODS OF PRECIPITATION. REPAIRS SHALL BE MADE IMMEDIATELY, AS NECESSARY, TO PREVENT PARTICLES FROM REACHING THE DRAINAGE SYSTEM AND/OR CAUSING SURFACE FLOODING.

6) SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH STORM EVENT, OR MORE OFTEN IF THE FABRIC BECOMES CLOGGED.





GRANITE CURBING DETAILS

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AMBIT ENGINEERING, INC.
Civil Engineers & Land Surveyors

200 Griffin Road - Unit 3

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#### NOTE:

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# COMMERCIAL DEVELOPMENT 93 PLEASANT STREET PORTSMOUTH, N.H.

3	GREASE TRAP, DETAIL F	6/3/21
2	DETAIL F, H, I & J	12/7/21
1	DETAIL E	10/20/21
0	ISSUED FOR COMMENT	4/2/21
NO.	DESCRIPTION	DATE
	REVISIONS	



SCALE: AS SHOWN

DECEMBER 2020

**DETAILS** 

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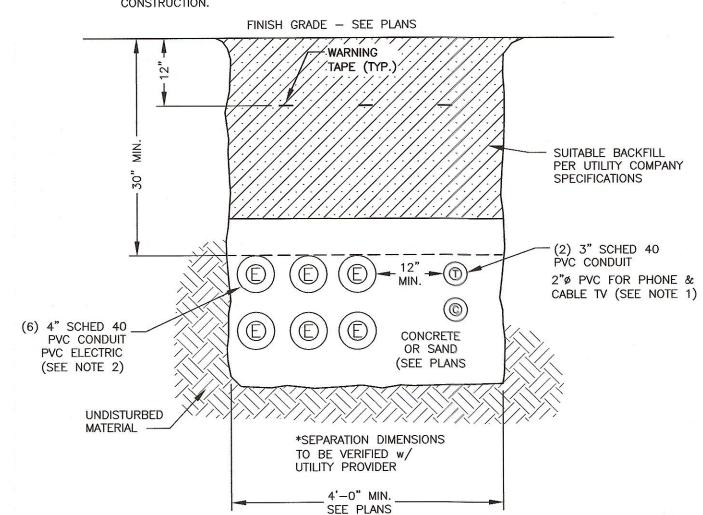
FB 321 PG 72

SÉCONDARY VOLTAGE CABLES, 4 INCH FOR THREE PHASE SECONDARY, AND 5 INCH FOR

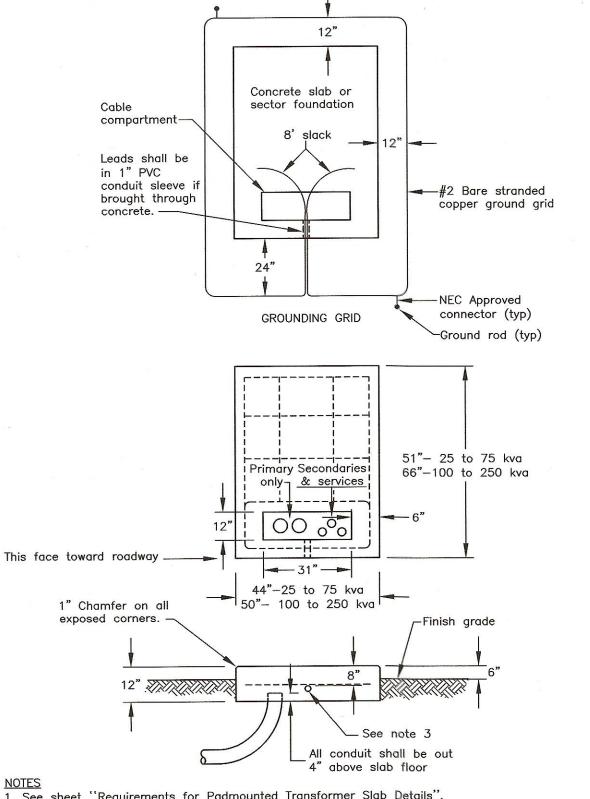
3) ALL WORK TO CONFORM TO THE NATIONAL ELECTRICAL CODE (LATEST REVISION)

4) INSTALL A 200# PULL ROPE FOR EACH CONDUIT

5) VERIFY ALL CONDUIT SPECIFICATIONS WITH UTILITY COMPANY'S PRIOR TO ANY CONSTRUCTION.





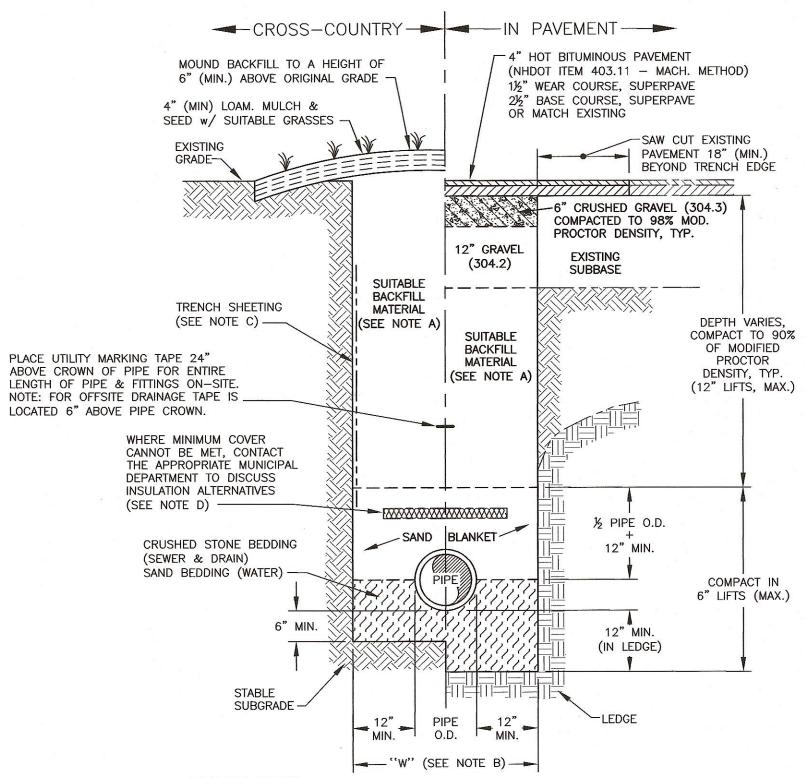


1. See sheet "Requirements for Padmounted Transformer Slab Details".

2. All reinforcing to be #6 bars. 3. 1" PVC conduit sleeve for ground grid leads.

4. The ground grid shall be supplied and installed by the customer and is to be buried at least 12" below grade. Eight feet of extra wire for each ground grid leg shall be left exposed in the cable compartment to allow for the connection to the transformer. the two 8' ground rods may be either galvanized steel or copperweld and they shall be connected to the grid with NEC approved connectors.

TRANSFORMER PAD



TRENCH NOTES:

A) TRENCH BACKFILL: ~ IN PAVED AREAS, SUITABLE MATERIAL FOR TRENCH BACKFILL SHALL BE THE NATURAL MATERIAL EXCAVATED DURING CONSTRUCTION, BUT SHALL EXCLUDE DEBRIS, PIECES OF PAVEMENT, ORGANIC MATTER, TOP SOIL, ALL WET OR SOFT MUCK, PEAT OR CLAY, ALL EXCAVATED LEDGE MATERIAL, AND ALL ROCKS OVER SIX INCHES IN LARGEST DIMENSION, OR ANY MATERIALS DEEMED TO BE UNACCEPTABLE BY THE ENGINEER.

- IN CROSS-COUNTRY CONSTRUCTION, SUITABLE MATERIAL SHALL BE AS DESCRIBED ABOVE, EXCEPT THAT THE ENGINEER MAY PERMIT THE USE OF TOP SOIL, LOAM, MUCK OR PEAT, IF HE IS SATISFIED THAT THE COMPLETED CONSTRUCTION WILL BE ENTIRELY STABLE.

B) "W" = MAXIMUM ALLOWABLE TRENCH WIDTH TO A PLANE 12 INCHES ABOVE THE PIPE. FOR PIPES 15 INCHES NOMINAL DIAMETER OR LESS, W SHALL BE NO MORE THAN 36 INCHES. FOR PIPES GREATER THAN 15 INCHES NOMINAL DIAMETER, W SHALL BE 24 INCHES PLUS PIPE O.D..

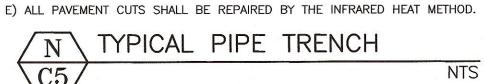
THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFE EXCAVATION PRACTICES.

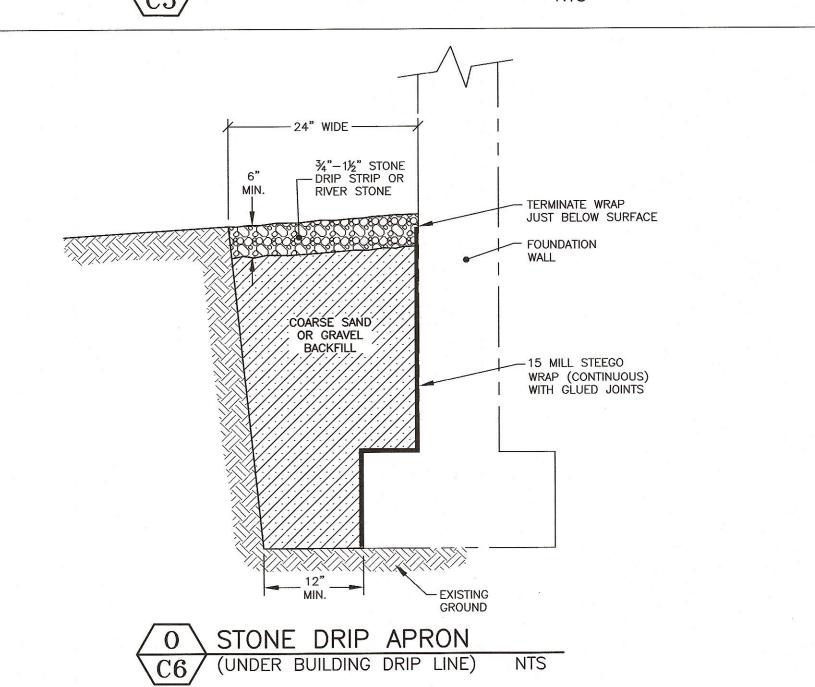
D) MINIMUM PIPE COVER FOR UTILITY MAINS (UNLESS GOVERNED BY OTHER CODES):

5' MINIMUM FOR SEWER (IN PAVEMENT)

4' MINIMUM FOR SEWER (CROSS COUNTRY) 3' MINIMUM FOR STORMWATER DRAINS

5' MINIMUM FOR WATER MAINS

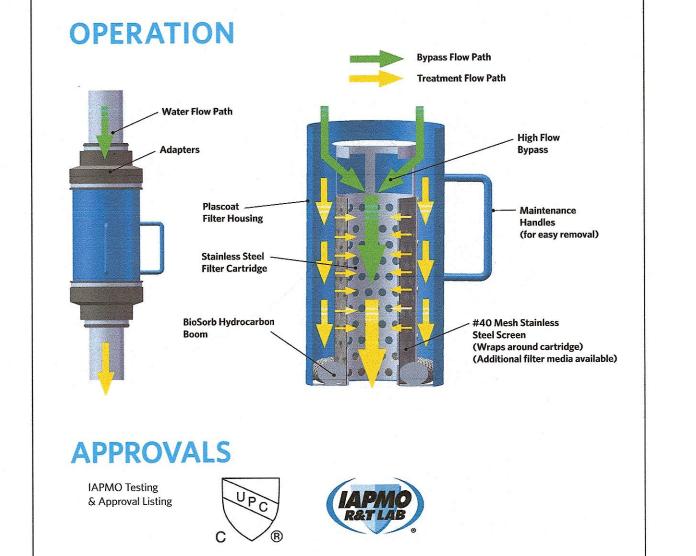








ROOF DRAIN FILTER OVERVIEW



## **SPECIFICATIONS**

MODEL #	INLET ID (dia., in.)	FILTER OD (dia., in.)	STORAGE CAP. (cu. ft.)	FILTERED FLOW (gpm)	BYPASS FLOW (gpm)
BC-DF4	4	6.625	0.09	249	566
BC-DF6	6	8.625	0.21	509	1006
BC-DF8	8	8.625	0.21	509	1006
BC-DF10	10	12.75	0.77	1145	2264
BC-DF12	12	12.75	0.77	1145	2264

ROOF DRAIN FILTER OPERATION



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#### NOTES:

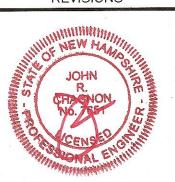
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# COMMERCIAL DEVELOPMENT 93 PLEASANT STREET PORTSMOUTH, N.H.

NO.	DESCRIPTION	DATE
0	ISSUED FOR COMMENT	4/2/21
1	DETAIL Q	10/20/21
2	DETAILS O & P	12/7/21
. 3	DETAILS, O, P, Q	6/3/22

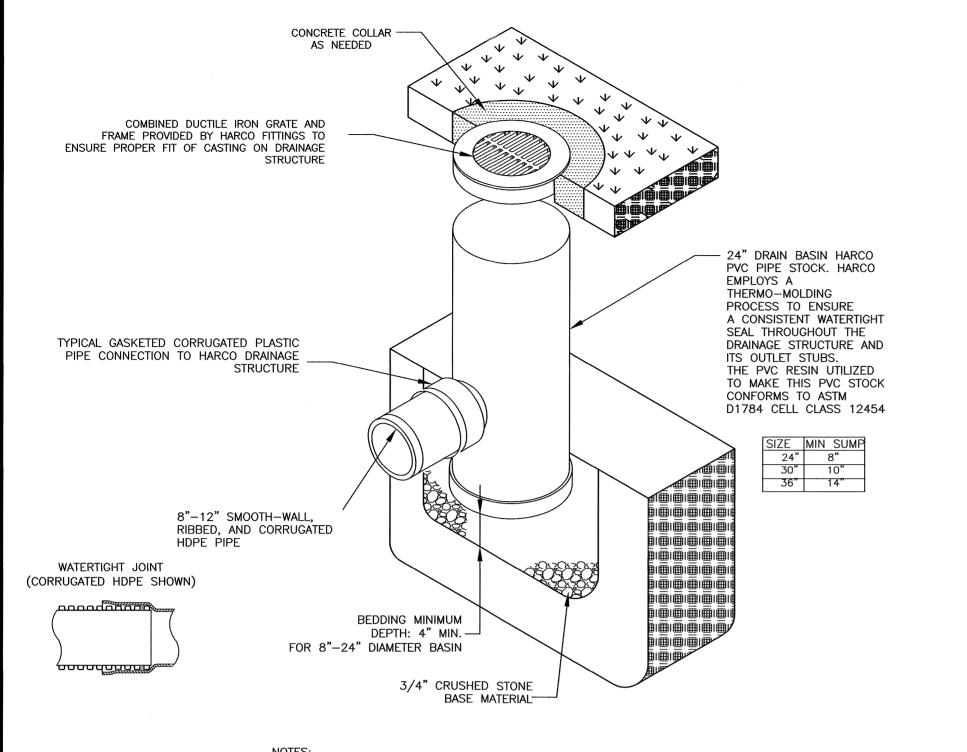


SCALE: AS SHOWN DECEMBER 2020

**DETAILS** 

FB 321 PG 72

<del>|</del> 3059.01



DMH 2 24"ø OUTLET CONTROL STRUCTURE OCS1 RIM EL. 28.00 DMH 1 4" WIDE WEIR INV. 26.70 ATTACHED TO WALL \_ WITH STAINLESS -3"ø ORIFICE STEEL ANGLE IRONS INV. 25.00 DRAIN PIPE FROM ROOF DRAINAGE 12" HDPE PIPE INV. OUT 23.43 23.58 R-TANK SYSTEM "A" TO CB 4629 R-TANK SYSTEM "B" -CRUSHED STONE LEVELING PAD INV.OUT 5"ø ORIFICE → INV. 23.43

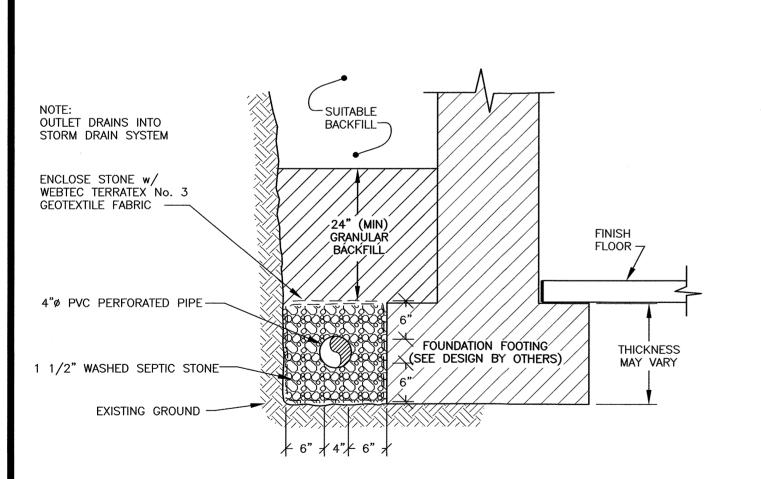
R-TANK SYSTEM

NTS

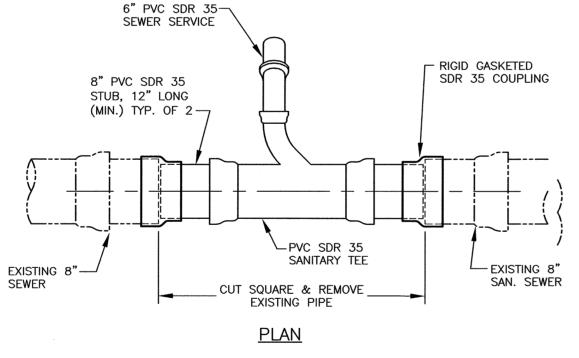
1. GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.

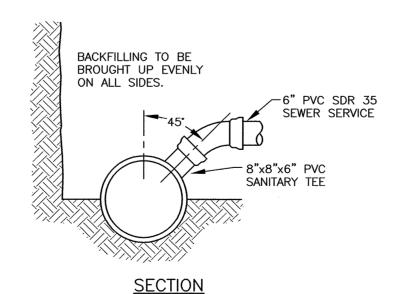
FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05 3. SEE GRADING, DRAINAGE, AND EROSION CONTROL PLAN FOR LOCATIONS.

HARCO DRAIN BASIN DETAIL



TYPICAL FOUNDATION DRAIN







NOTE: COORDINATE DESIGN OF SEWER CONNECTION WITH CITY OF PORTSMOUTH DPW. PROVIDE SHOP DRAWINGS FOR REVIEW.

#### **GENERAL NOTES:**

- 1) MINIMUM PIPE SIZE FOR HOME SERVICES SHALL BE SIX INCHES.
- 2) PIPE AND JOINT MATERIALS:

A. PLASTIC SEWER PIPE 1. PIPE AND FITTINGS SHALL CONFORM TO THE FOLLOWING ASTM STANDARDS: **GENERIC** SIZES

**STANDARDS** PIPE MATERIAL **APPROVED** D3034 8" THROUGH 15" (SDR 35) \*PVC (SOLID WALL) 18" THROUGH 27" (T-1 & T-2) F679 PVC (SOLID WALL) 4" THROUGH 18" (T-1 To T-3) PVC (SOLID WALL) PVC (RIBBED WALL) F794 8" THROUGH 36" AWWA C900 PVC (SOLID WALL)

2. JOINT SEALS FOR PVC PIPE SHALL BE OIL RESISTANT COMPRESSION RINGS OF ELASTOMERIC MATERIAL CONFORMING TO ASTM D-3212 AND SHALL BE PUSH-ON BELL AND SPIGOT TYPE.

B. DUCTILE IRON PIPE, FITTINGS AND JOINTS.

GASKETS SHALL CONFORM TO:

\*PVC: POLYVINYL CHLORIDE

1. DUCTILE IRON PIPE AND FITTINGS FOR SEWERS SHALL CONFORM TO THE FOLLOWING STANDARDS OF THE UNITED STATES OF AMERICA STANDARDS INSTITUTE: A21.50 THICKNESS DESIGN OF DUCTILE IRON PIPE AND WITH ASTM A-536 DUCTILE IRON CASTINGS.

A21.51 DUCTILE IRON PIPE, CENTRIFUGALLY CAST IN METAL MOULDS OR SAND LINED MOULDS FOR SEWER APPLICATIONS. 2. JOINTS SHALL BE OF THE MECHANICAL OR PUSH ON TYPE. JOINTS AND

A21.11 RUBBER GASKET JOINTS FOR CAST IRON PRESSURE PIPE & FITTINGS.

3) DAMAGED PIPE SHALL BE REJECTED AND REMOVED FROM THE JOB SITE. 4) JOINTS SHALL BE DEPENDENT UPON A NEOPRENE OR ELASTOMERIC GASKET FOR WATER TIGHTNESS. ALL JOINTS SHALL BE PROPERLY MATCHED WITH THE PIPE MATERIALS USED. WHERE DIFFERING MATERIALS ARE TO BE CONNECTED, AS AT THE STREET SEWER WYE OR AT THE FOUNDATION WALL, APPROPRIATE MANUFACTURED ADAPTERS SHALL BE

5) TEES AND WYES: WHERE A TEE OR WYE IS NOT AVAILABLE IN THE EXISTING STREET SEWER, AN APPROPRIATE CONNECTION SHALL BE MADE DEPENDING ON THE PIPE ENCOUNTERED, FOR PVC PIPE, USE PVC SADDLES OR INSERT-A-TEE, OR CUT IN A SANITARY TEE. FOR CLAY PIPE, USE INSERT-A-TEE OR CUT IN A SANITARY TEE. ALL WORK TO BE APPROVED BY GOVERNING BODY.

6) HOUSE SEWER INSTALLATION: THE PIPE SHALL BE HANDLED, PLACED AND JOINTED IN ACCORDANCE WITH INSTALLATION GUIDES OF THE APPROPRIATE MANUFACTURER. IT SHALL BE CAREFULLY BEDDED ON A 4 INCH LAYER OF CRUSHED STONE AND/OR GRAVEL AS SPECIFIED IN NOTE 10. BEDDING AND REFILL FOR DEPTH OF 12 INCHES ABOVE THE TOP OF THE PIPE SHALL BE CAREFULLY AND THOROUGHLY TAMPED BY HAND OR WITH APPROPRIATE MECHANICAL DEVICES.

THE PIPE SHALL BE LAID AT A CONTINUOUS AND CONSTANT GRADE FROM THE STREET SEWER CONNECTION TO THE FOUNDATION AT A GRADE OF NOT LESS THAN 1/4 INCH PER FOOT. PIPE JOINTS MUST BE MADE UNDER DRY CONDITIONS. IF WATER IS PRESENT, ALL NECESSARY STEPS SHALL BE TAKEN TO DEWATER THE TRENCH.

7) TESTING: WHEN REQUIRED BY THE GOVERNING AUTHORITY, TESTING SHALL CONFORM TO ENV-WQ 704.07.

8) ILLEGAL CONNECTIONS: NOTHING BUT SANITARY WASTE FLOW FROM DWELLING TOILETS, SINKS, LAUNDRY ETC. SHALL BE PERMITTED. ROOF LEADERS, FOOTING DRAINS, SUMP PUMPS OR OTHER SIMILAR CONNECTIONS CARRYING RAIN WATER, DRAINAGE OR GROUND WATER SHALL NOT BE PERMITTED.

9) WATER SERVICE SHALL NOT BE LAID IN SAME TRENCH AS SEWER SERVICE, UNLESS IT IS ON A SHELF 12" HIGHER, AND 18" APART.

## **GENERAL NOTES- CONT'D:**

10) BEDDING: SCREENED GRAVEL AND/OR CRUSHED STONE, FREE FROM CLAY, LOAM. ORGANIC MATTER AND MEETING ASTM C33 STONE SIZE NO. 67.

> 100% PASSING 1 INCH SCREEN 90%-100% PASSING 3/4 INCH SCREEN 20%- 55% PASSING 3/8 INCH SCREEN 0%- 10% PASSING #4 SIEVE 0%- 5% PASSING #8 SIEVE

WHERE ORDERED BY THE ENGINEER TO STABILIZE THE TRENCH BASE, GRADED SCREENED GRAVEL OR CRUSHED STONE 1/2 INCH TO 1-1/2 INCH SHALL BE USED.

11) LOCATION: THE LOCATION OF THE TEE OR WYE SHALL BE RECORDED AND FILED IN THE MUNICIPAL RECORDS. IN ADDITION, A FERROUS METAL ROD OR PIPE SHALL BE PLACED OVER THE TEE OR WYE AS DESCRIBED IN THE TYPICAL "CHIMNEY" DETAIL, TO AID IN LOCATING THE BURIED PIPE WITH A DIP NEEDLE OR PIPE FINDER. 12) CAST-IN-PLACE CONCRETE: SHALL CONFORM TO THE REQUIREMENTS FOR CLASS A (3000 PSI) CONCRETE OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AS FOLLOWS:

CEMENT: 6.0 BAGS PER CUBIC YARD WATER: 5.75 GALLONS PER BAG OF CEMENT MAXIMUM AGGREGATE SIZE: 3/4 INCH

13) CHIMNEYS: IF VERTICAL DROP INTO SEWER IS GREATER THAN 4 FEET, A CHIMNEY SHALL BE CONSTRUCTED FOR THE HOUSE CONNECTION OR MAIN. CHIMNEY INSTALLATION AS RECOMMENDED BY THE PIPE MANUFACTURER MAY BE USED IF APPROVED BY THE ENGINEER.

14) BACKFILL UP TO SUBBASE GRAVEL SHALL BE WITH EXCAVATED SOIL FROM TRENCHING OPERATIONS. COMPACT IN 8" LIFTS WITH VIBRATORY PLATE COMPACTORS TO 90% OF MODIFIED PROCTOR DENSITY. IF FINE-GRAINED, COMPACT WITH POGO STICKS OR SHEEPSFOOT ROLLERS. PLACE NO LARGE ROCKS WITHIN 24" OF PIPE. TRENCHES THAT ARE NOT ADEQUATELY COMPACTED SHALL BE RE-EXCAVATED AND BACKFILLED UNDER THE SUPERVISION OF THE DESIGN ENGINEER OR GOVERNING BODY. UNSUITABLE BACKFILL MATERIAL INCLUDES CHUNKS OF PAVEMENT, TOPSOIL, ROCKS OVER 6" IN SIZE, MUCK, PEAT OR PIECES OF PAVEMENT.

15) THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB-SITE SAFETY AND COMPLIANCE WITH GOVERNING REGULATIONS.

16) ORDERED EXCAVATION OF UNSUITABLE MATERIAL BELOW GRADE. REFILL WITH BEDDING MATERIAL. FOR TRENCH WIDTH SEE TRENCH DETAIL. 17) SAND BLANKET: CLEAN SAND, FREE FROM ORGANIC MATTER, SO GRADED THAT 90% - 100% PASSES A 1/2 INCH SIEVE AND NOT MORE THAN 15% WILL PASS A #200 SIEVE.

BLANKET MAY BE OMITTED FOR DUCTILE IRON AND REINFORCED CONCRETE PIPE PROVIDED

THAT NO STONE LARGER THAN 2 INCHES IS IN CONTACT WITH THE PIPE. 18) BASE COURSE GRAVEL, IF ORDERED BY THE ENGINEER, SHALL MEET THE REQUIREMENTS OF DIVISION 300 OF THE LATEST EDITION OF THE:

STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION.

19) FOR CROSS COUNTRY CONSTRUCTION, BACKFILL OR FILL SHALL BE MOUNDED TO A HEIGHT OF 6 INCHES ABOVE THE ORIGINAL GROUND SURFACE.

20) IF FULL ENCASEMENT IS UTILIZED, DEPTH OF CONCRETE BELOW PIPE SHALL BE 1/4 I.D. (4" MIN.) BLOCK SUPPORT SHALL BE SOLID CONCRETE BLOCKS.

21) CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE "NEW HAMPSHIRE STORMWATER MANUAL, VOLUME 3, EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION. (NHDES DECEMBER 2008).

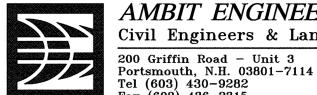
22) THE CONTRACTOR SHALL NOTIFY DIG SAFE AT 1-888-DIG-SAFE (1-888-344-7233) AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION.

23) THE PURPOSE OF THESE NOTES IS TO DETAIL STANDARDS FOR SEWER

24) ALL WORK SHALL BE IN COMPLIANCE WITH NHDES CODE OF ADMINISTRATIVE RULES PART ENV-WQ 704 DESIGN OF SEWERS.

AMBIT ENGINEERING, INC. Civil Engineers & Land Surveyors

> Tel (603) 430-9282 Fax (603) 436-2315



#### **NOTES:**

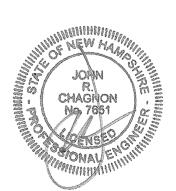
1) THE CONTRACTOR SHALL NOTIFY DIG SAFE AT 1-888-DIG-SAFE (1-888-344-7233) AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY WITHIN 100 FEET OF UNDERGROUND UTILITIES. THE EXCAVATOR IS RESPONSIBLE TO MAINTAIN MARKS. DIG SAFE TICKETS EXPIRE IN THIRTY DAYS.

2) UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVEGROUND OR UNDERGROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR THE OWNER. UTILITY CONFLICTS SHOULD BE REPORTED AT ONCE TO THE DESIGN ENGINEER.

3) CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE "NEW HAMPSHIRE STORMWATER MANUAL, VOLUME 3, EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION. (NHDES DECEMBER 2008).

# COMMERCIAL DEVELOPMENT 93 PLEASANT STREET PORTSMOUTH, N.H.

2	DETAIL T	12/7/21
1	DETAIL S	11/22/21
0	ISSUED FOR COMMENT	10/20/21
NO.	DESCRIPTION	DATE
	REVISIONS	



SCALE: AS SHOWN

DECEMBER 2020

DETAILS

FB 321 PG 72

BUILDING SUMMARY	GSF	% BUILDING	RSF
TOTAL PARKING	8,038.847	17.012%	
TOTAL BUILDING TENANT AREA	28,419.401	60.141%	
TOTAL BUILDING COMMON PORCH & DECK	10,796.717	22.848%	
TOTAL BUILDING AREA	47,254.965	100.000%	

LOWER LEVEL			
COMMON	1,834.536		
LL1	1,106.489	3.893%	1,526.851
LL2	1,028.727	3.620%	1,419.547
PARKING	8,038.847		
SUBTOTAL	12,008.599	7.513%	2,946.399

FIRST			
COMMON	2,670.802		
101	1,107.030	3.895%	1,527.598
102	1,026.564	3.612%	1,416.562
103	435.491	1.532%	600.937
104	374.613	1.318%	516.931
105	396.039	1.394%	546.497
106	383.741	1.350%	529.527
107	354.909	1.249%	489.741
108	363.318	1.278%	501.345
109	356.111	1.253%	491.400
110	365.626	1.287%	504.530
111	341.542	1.202%	471.296
112	443.023	1.559%	611.330
113	441.896	1.555%	609.775
114	486.749	1.713%	671.668
115	356.101	1.253%	491.386
116	375.928	1.323%	518.746
117	296.122	1.042%	408.621
118	485.647	1.709%	670.147
SUBTOTAL	11,061.252	29.524%	11,578.037

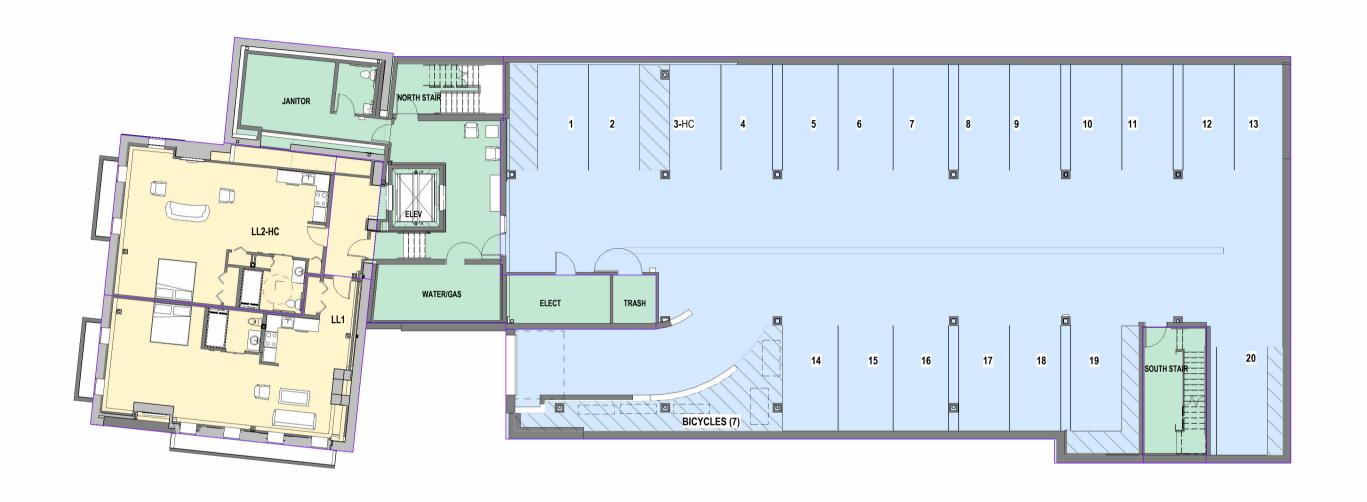
SECOND			
COMMON	1,913.995		
201	1,100.404	3.872%	1,518.454
202	1,000.463	3.520%	1,380.545
203	525.173	1.848%	724.690
204	803.356	2.827%	1,108.556
205	770.946	2.713%	1,063.833
206	748.527	2.634%	1,032.897
207	740.435	2.605%	1,021.731
208	772.210	2.717%	1,065.578
209	809.841	2.850%	1,117.505
210	748.285	2.633%	1,032.563
211	985.190	3.467%	1,359.470
SUBTOTAL	10,918.824	31.685%	12,425.823

THIRD			
COMMON	1,606.480		
301	2,365.581	8.324%	3,264.281
302	523.692	1.843%	722.646
303	802.246	2.823%	1,107.025
304	774.073	2.724%	1,068.148
305	744.871	2.621%	1,027.852
306	739.916	2.604%	1,021.015
307	771.307	2.714%	1,064.332
308	1,034.707	3.641%	1,427.799
309	1,132.513	3.985%	1,562.762
SUBTOTAL	10,495.386	31.28%	12,265.860

ROOF		
COMMON	2,770.904	
SUBTOTAL	2,770.904	

AREA CALCULATIONS





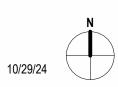
LOWER LEVEL PLAN
HOTEL TREADWELL
93 PLEASANT STREET
PORTSMOUTH, NH 03801







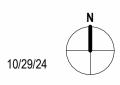
FIRST FLOOR



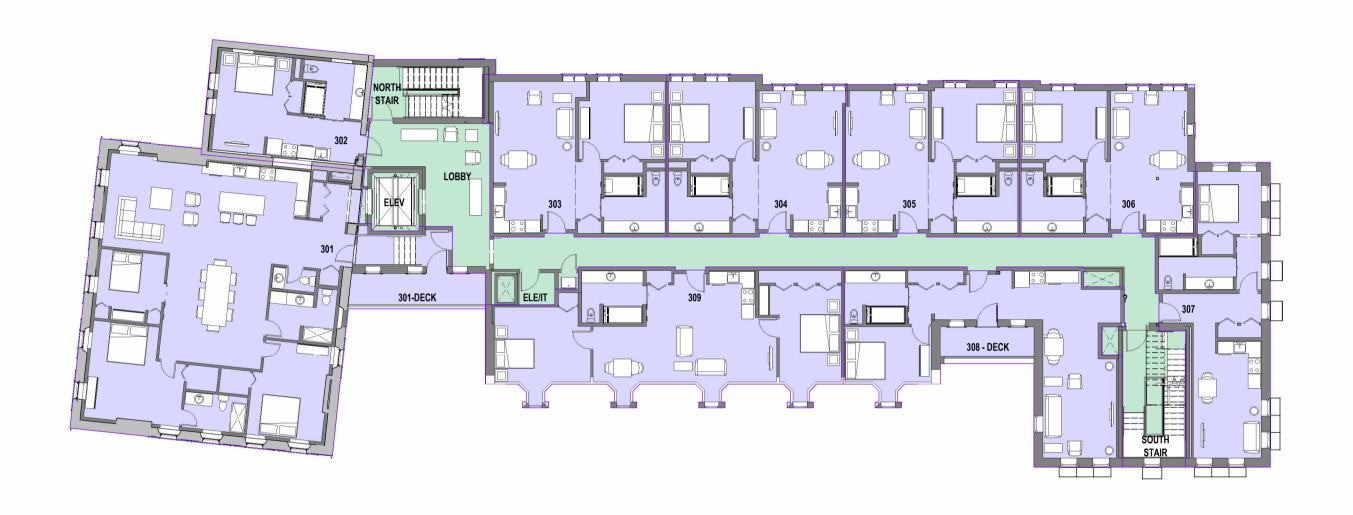




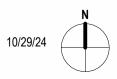
SECOND FLOOR



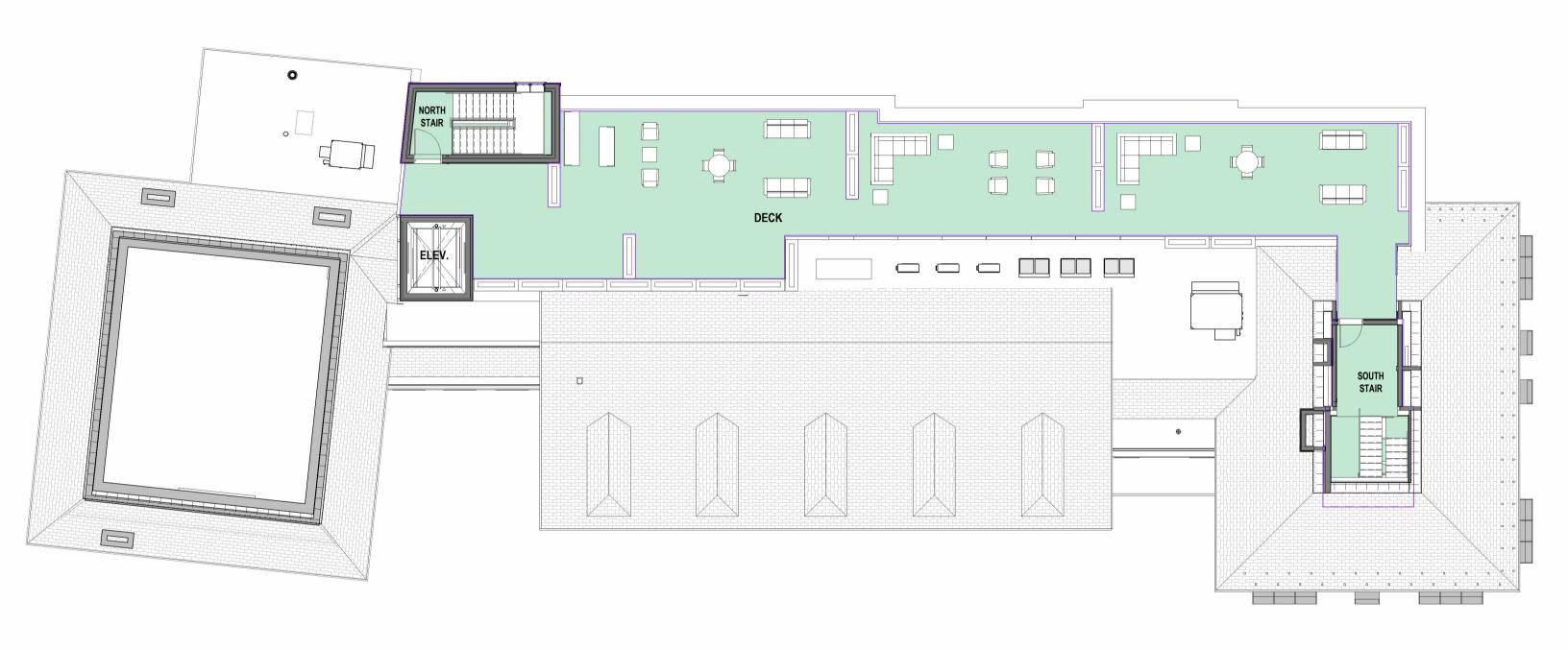


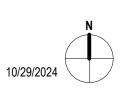


3 THIRD FLOOR











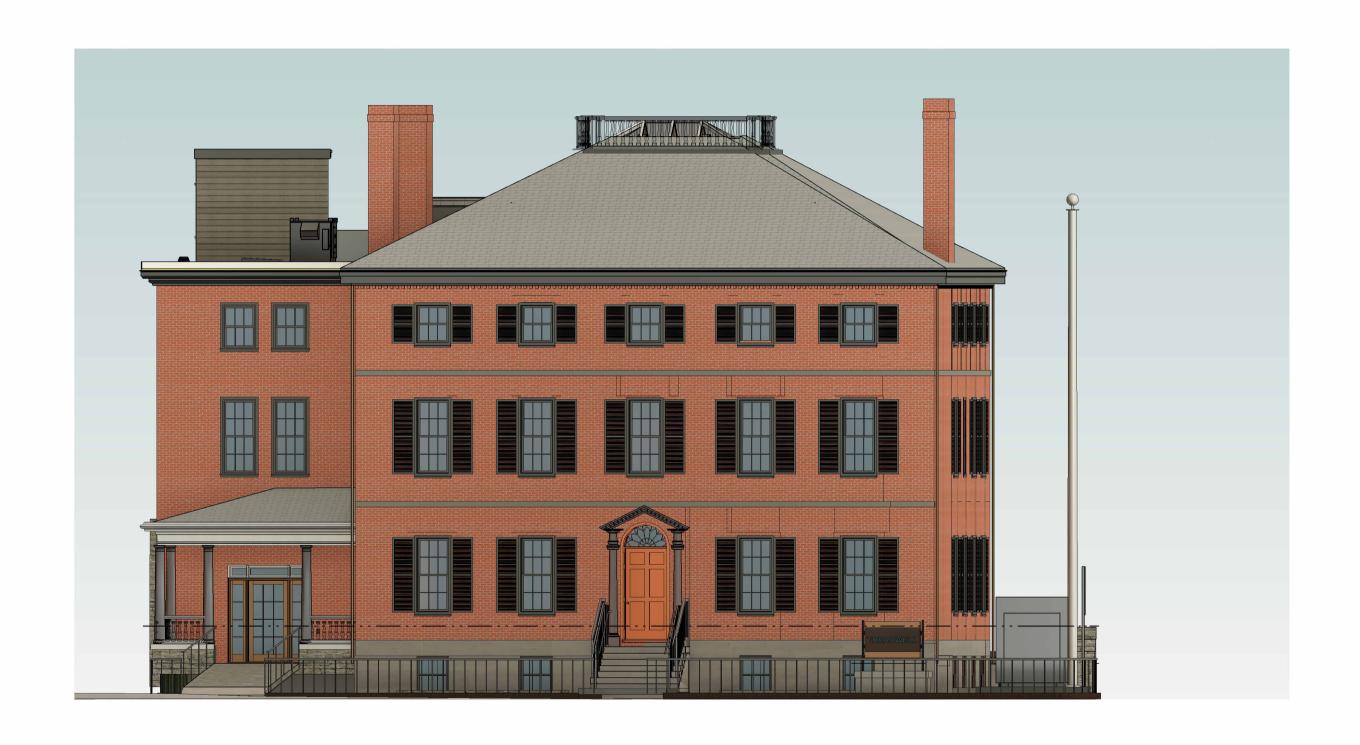


SOUTH ELEVATION - COURT STREET
HOTEL TREADWELL

93 PLEASANT STREET PORTSMOUTH, NH 03801

5





6

WEST ELEVATION - PLEASANT STREET
HOTEL TREADWELL
93 PLEASANT STREET

PORTSMOUTH, NH 03801





NORTH ELEVATION
HOTEL TREADWELL
93 PLEASANT STREET
PORTSMOUTH, NH 03801





HOTEL TREADWELL
93 PLEASANT STREET
PORTSMOUTH, NH 03801

8





#### **ARCHITECTS SUPPLEMENTAL INSTRUCTIONS NO. 44**

Date: 11/13/2024

Project: 93 Pleasant Street

Core & Shell

ARCove & JSA Project No. 1003/P150.00

Owner: DAGNY TAGGART LCC, McNABB PROPERTIES

To McNABB PROPERTIES

Contractor:

Description

#### Re: Arch1 Modifications

#### **Revisions:**

ARCove Architects is issuing updates which include the architectural revisions for the Treadwell mansion and new addition.

#### Architectural updates include the following:

 Apartel unit partition types and layout dimensions at all levels including the new ERV mechanical shaft near Stair 2 in Units 113, 209, & 308.

• A-3.03 BUILDING SECTIONS

• A-7.10 EXTERIOR SECTION DETAILS

- Adjusted the parking garage ceiling slope for a min 98" ambulance height clearance,
- And the exterior landing pad and railing details outside stair 2 covered entry.

#### Attachments:

- T-01 COVER SHEET
- T-02 DRAWING INDEX
- A-1.00 BASEMENT FLOOR PLAN
- A-1.01 FIRST FLOOR PLAN
- A-1.02 SECOND FLOOR PLAN
- A-1.03 THIRD FLOOR PLAN

#### Source information:

- RFI-091 PARKING GARAGE DOOR RELOCATION
- RFI-092 93 STORMWATER DRAINAGE SYSTEM
- RFI-097 COURT ST STONE WALLS & PARKING RAMP & STAIRS
- ASI-043 ARCH, CE, PLA REVS
- 1. Please promptly execute this ASI, which interprets the Contract or orders minor changes in the work without change in the Contract Sum or Contract Time. If you consider that change in the Contract Sum or Contract Time is required, please submit your itemized proposal before proceeding with this work.

### 

93 Pleasant Street

Owner: Owner's representative's name

# HOTEL TREADWELL







# CONSTRUCTION DOCUMENTS - FOR CONSTRUCTION

9/30/2024

REVISIONS THROUGH ASI-044 (REV.44) 11/13/2024



3 Congress St, Ste 1 PORTSMOUTH, NH 03801 T 603.731.5187 www.arcove.com



ARCHITECTURE CONSULTANT
JSA DESIGN
Corporate Dr, Ste 100
Portsmouth NH 03801
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CIVIL ENGINEER & LAND SURVEYOR

Ambit Engineering, INC 200 Griffin Road, Unit 3 Portsmouth, NH 03801 (603) 430-9282

LANDSCAPEARCHITECT Terra Firma
Landscape Architecture
163a Court St.

163a Court St, Portsmouth, NH 03801 (603) 531-9109

STRUCTURAL ENGINEER
JSN ASSOCIATES, LLC.

JSN ASSOCIATES, LLC. 1 AUTUMN STREET PORTSMOUTH, NH 03801 (603) 433-8639

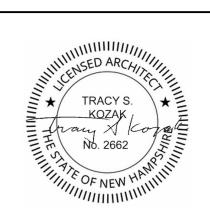
MECHANICAL, ELECTRICAL, PLUMBING

FIRE PROTECTION ENGINEERS
WV Engineering & Associates
11 King Court Keene,
NH 03431

HOTEL
TREADWELL
93 PLEASANT STREET
PORTSMOUTH, NH 03801

Dagny Taggart, LLC McNabb Properties





Scale:

Project Number: Date:

 REVISIONS

 NO.
 DESCRIPTION
 DATE

 22
 ASI-26 Structural
 09.01.23

 24
 ASI-28 Structural
 10.02.23

 26
 ASI-30 WV MEP<br/>REV#2
 02.13.24

 27
 ASI-31 Architectural<br/>Stairs
 02.27.24

 31
 ASI-34 Electrical and<br/>trash room
 04.17.24

 33
 ASI-36 Core & Shell
 05.22.24

 35
 ASI-38 Stair 2 Arch &<br/>Structural
 06.05.24

 38
 ASI-38.R1 Stair 2 roof<br/>over-run
 06.20.24

 40
 ASI-40 Arch&PE<br/>Revisions
 7/10/2024

 41
 ASI-41 ARCH&MEP
 7/28/2024

 42
 ASI-42 ARCH&MEP
 8/23/2024

DOCUMENTS - FOR

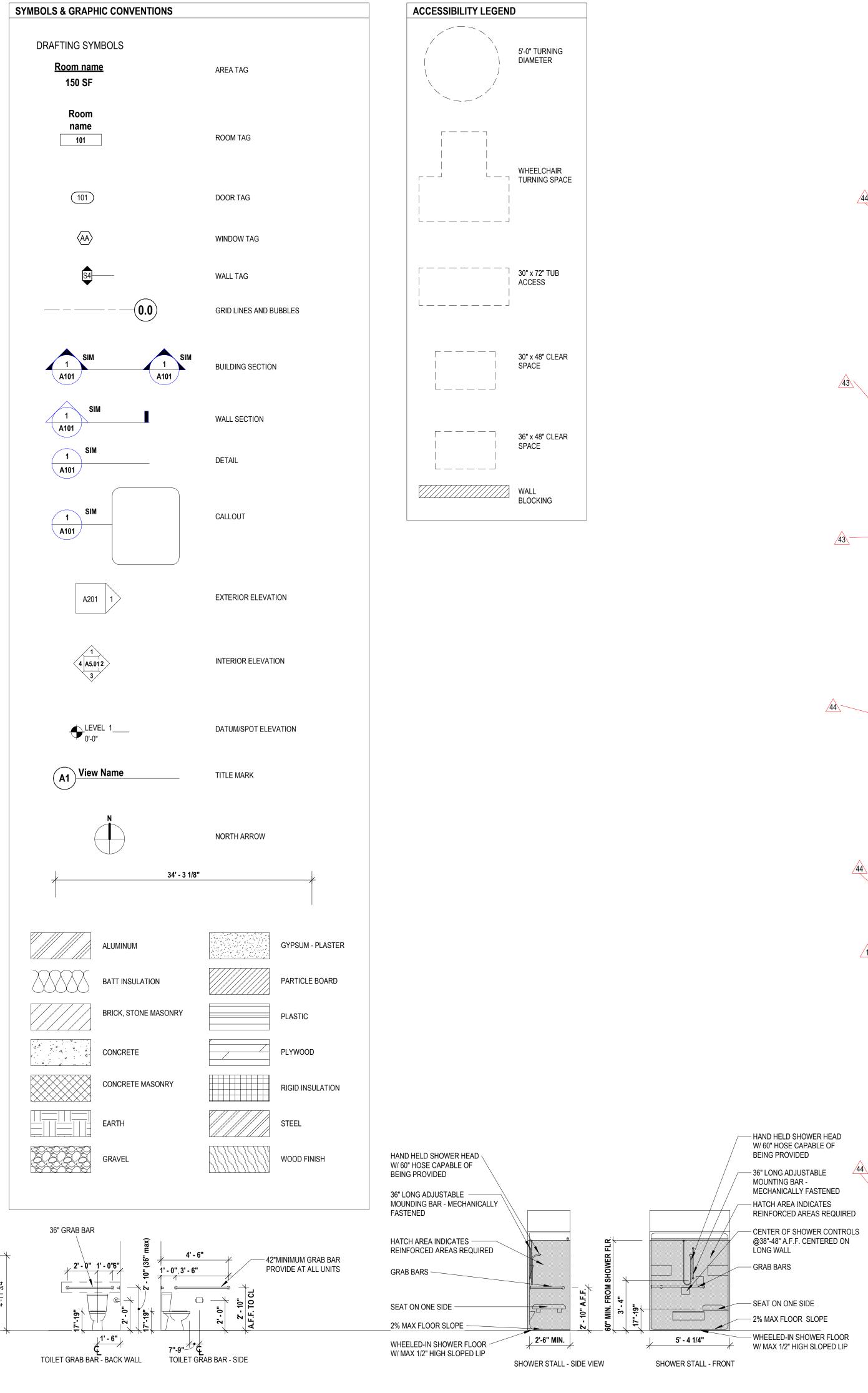
CONSTRUCTION—
COVER SHEET

43 ASI-43 ARCH REVS 10/31/202

44 ASI-44 ARCH REVS 11/13/202

T<sub>-</sub>01

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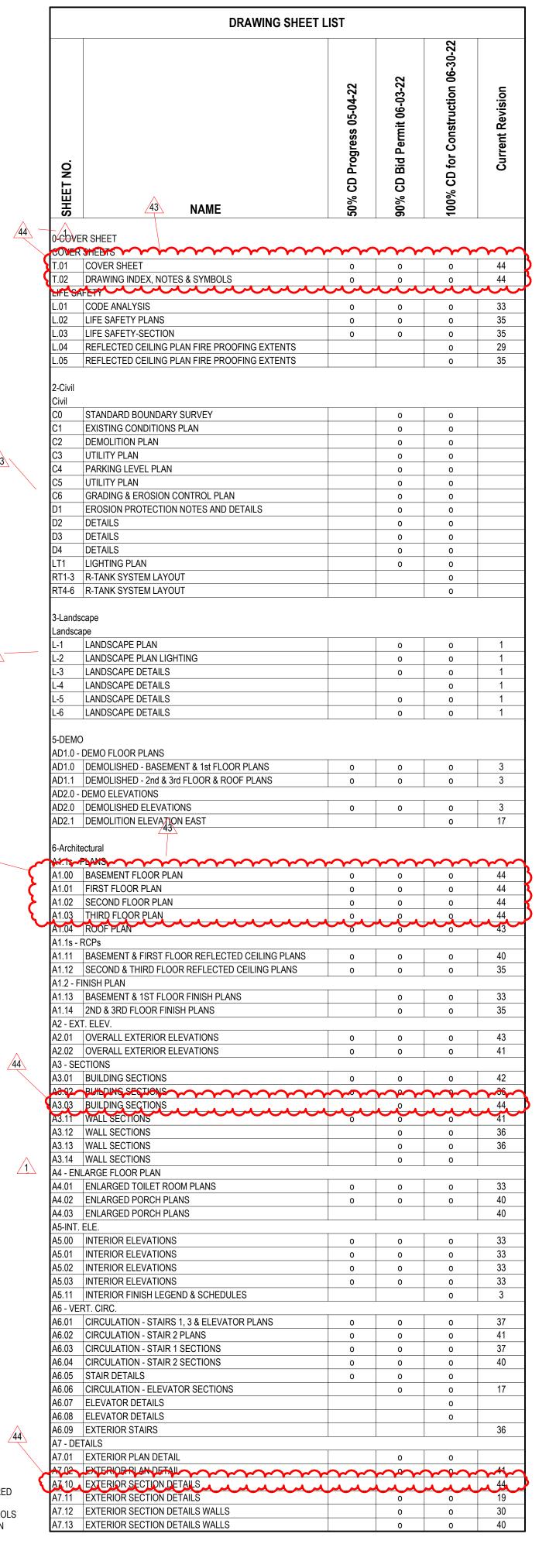


TOILET PAPER PAPER

DISPENSER TOWEL

DISPENSER MIRROR

BATHROOM MOUNTING HEIGHTS



	DRAWING SHEET L			~	
SHEET NO.	NAME	50% CD Progress 05-04-22	90% CD Bid Permit 06-03-22	100% CD for Construction 06-30-22	Current Revision
A7.14 A7.15	EXTERIOR SECTION DETAILS WALLS EXTERIOR SECTION DETAILS WALLS		0	0	1 40
A7.16	EXTERIOR SECTION DETAILS WALLS			0	40
A7.17 A7.18	EXTERIOR SECTION DETAILS WALLS EXTERIOR SECTION DETAILS WALLS			0	19 41
A7.19	EXTERIOR SECTION DETAILS - AWNINGS			0	41
A7.20 A7.21	EXTERIOR SECTION DETAILS-SKYLIGHT AT EXISTING ROOF INTERIOR SECTION DETAILS	0	0	0	33
A7.22	INTERIOR SECTION DETAILS	0	0	0	33
A7.23 A7.24	EXTERIOR SECTION DETAILS WALLS EXTERIOR SECTION DETAILS WALLS				36
A7.31	MILLWORK DETAILS	0	0	0	33
A7.32 A8 - DE	MILLWORK DETAILS TAILS	0		0	33
A8.01	EXTERIOR WALL TYPES	0	0	0	41
A8.02 A8.03	HORIZONTAL ASSEMBLIES INTERIOR PARTITIONS & RATED ASSEMBLIES	0	0	0	42
A8.04	EXTERIOR WINDOW STOREFRONT & LOUVER TYPES	0	0	0	33
A8.05 A8.06	WINDOW DETAILS WINDOW DETAILS		0	0	39
A8.08	DOOR SCHEDULE & TYPES	0		0	42
A8.09	DOOR DETAILS			0	1
7-Struct	ural				
Structura S0.0	al FOUNDATION PLAN	0	0	0	6
S0.1	FOUNDATION DETAILS	0	0	0	0
S0.2 S0.3	FOUNDATION DETAILS FOUNDATION DETAILS	0	0	0	
S0.4	FOUNDATION DETAILS	0	0	0	
S0.5 S0.6	FOUNDATION DETAILS FOUNDATION DETAILS			0	6
S0.7	FOUNDATION DETAILS			0	
S1.0 S2.0	FIRST FLOOR FRAMING PLAN SECOND FLOOR FRAMING PLAN	0	0	0	6
S3.0	THIRD FLOOR FRAMING PLAN	0	0	0	
S4.0 S5.0	ROOF FRAMING PLAN BRACE FRAME ELEVATIONS	0	0	0	
S5.1	BRACE FRAME ELEVATIONS	0	0	0	
S6.0 S6.1	STEEL FRAMING DETAILS STEEL FRAMING DETAILS	0	0	0	
S6.2	STEEL FRAMING DETAILS			0	
S6.3 SN.0	STEEL FRAMING DETAILS STRUCTURAL GENERAL NOTES	0	0	0	
SN.1	SCHEDULE OF SPECIAL INSPECTIONS	0	0	0	
8-Mecha	anical				
MECHA	NICAL				
M-1 M-2	MECHANICAL SCHEDULES AND DETAILS  MECHANICAL SCHEDULES AND DETAILS	0	0	0	7
M-3	MECHANICAL SCHEDULES AND DETAILS	0	0	0	,
M-4 M-5	MECHANICAL PIPING SCHEMATICS MECHANICAL BASEMENT FLOOR SHEETMETAL PLAN	0	0	0	7
M-6	MECHANICAL MECHANICAL FIRST FLOOR SHEETMETAL	0	0	0	7
M-7	PLAN MECHANICAL SECOND FLOOR SHEETMETAL PLAN	0	0	0	
M-8	MECHANICAL THIRD FLOOR SHEETMETAL PLAN		0	0	
M-9 M-10	MECHANICAL ROOF PLAN MECHANICAL BASEMENT FLOOR PIPING PLAN		0	0	7
M-11	MECHANICAL FIRST FLOOR PIPING PLAN		0	0	7
M-12 M-13	MECHANICAL SECOND FLOOR PIPING PLAN MECHANICAL THIRD FLOOR PIPING PLAN			0	
9-Plumb	ina				
PLUMBI					
P-1 P-2	PLUMBING SCHEDULES AND DETAILS PLUMBING BURIED PIPING PLAN	0	0	0	1
P-3	PLUMBING BASEMENT FLOOR WASTE & VENT PLAN	0	0	0	7
P-4 P-5	PLUMBING FIRST FLOOR WASTE & VENT PLAN PLUMBING SECOND FLOOR WASTE & VENT PLAN	0	0	0	7
P-6	PLUMBING THIRD FLOOR WASTE & VENT PLAN	0	0	0	
P-7 P-8	PLUMBING ROOF PLAN PLUMBING PLUMBING BASEMENT FLOOR SUPPLY PIPING	0	0	0	1
P-9	PLAN PLUMBING FIRST FLOOR SUPPLY PIPING PLAN		•	0	
P-10	PLUMBING SECOND FLOOR SUPPLY PIPING PLAN	0	0	0	
P-11 P.12	PLUMBING THIRD FLOOR SUPPLY PIPING PLAN PLUMBING SECTIONS	0	0	0	1
.12	I Edwiding Geoffond				'
11-Elect ELECTF					
E-1	ELECTRICAL SYMBOL LIST AND DETAILS	0	0	0	_
E-2 E-3	ELECTRICAL BASEMENT POWER & DATA PLAN ELECTRICAL FIRST FLOOR POWER & DATA PLAN	0	0	0	7
E-4	ELECTRICAL SECOND FLOOR POWER & DATA PLAN	0	0	0	
E-5 E-6	ELECTRICAL THIRD FLOOR POWER & DATA PLAN ELECTRICAL ROOF POWER & DATA PLAN	0	0	0	
E-7	BASEMENT LIGHTING PLAN	0	0	0	1
E-8 E-9	ELECTRICAL FIRST FLOOR LIGHTING PLAN ELECTRICAL SECOND FLOOR LIGHTING PLAN	0	0	0	1 1
E-10	ELECTRICAL THIRD FLOOR LIGHTING PLAN	0	0	0	1
E-11 E-12	ELECTRICAL ROOF LIGHTING PLAN ELECTRICAL BASEMENT FIRE ALARM PLAN	0	0	0	1
E-13	ELECTRICAL FIRST FLOOR FIRE ALARM PLAN	0	0	0	
E-14 E-15	ELECTRICAL SECOND FLOOR FIRE ALARM PLAN ELECTRICAL THIRD FLOOR FIRE ALARM PLAN	0	0	0	
E-16	ELECTRICAL ROOF FIRE ALARM PLAN	0	0	0	
E-17 E-18	ELECTRICAL SITE PLAN ELECTRICAL POWER RISER DIAGRAM	0	0	0	
E-19	ELECTRICAL HOUSE PANEL SCHEDULES	0	0	0	1
E-20 E-21	ELECTRICAL HOUSE PANEL SCHEDULES ELECTRICAL TENANT PANEL SCHEDULES		0	0	1 1
E-22	ELECTRICAL TENANT PANEL SCHEDULES			0	1

E-22 ELECTRICAL TENANT PANEL SCHEDULES



3 Congress St, Ste 1 PORTSMOUTH, NH 03801 T 603.731.5187

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**CIVIL ENGINEER & LAND SURVEYOR** 

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LANDSCAPE ARCHITECT Terra Forma Landscape Architecture 163a Court St, Portsmouth, NH 03801 (603) 531-9109

STRUCTURAL ENGINEER JSN ASSOCIATES, LLC. 1 AUTUMN STREET PORTSMOUTH, NH 03801 (603) 433-8639

**MEP/FP ENGINEERS** WV ENGINEERING 11 KING COURT KEENE, NH 03431 603.352.7007

HOTEL TREADWELL

93 PLEASANT STREET PORTSMOUTH, NH 03801

Dagny Taggart, LLC McNabb Properties





As indicated 9/30/2024 Date: 1003/P150.00 Project Number:

REVISIONS			
NO.	DESCRIPTION	DATE	
21	ASI-25 Window Rev	08.16.23	
23	ASI-27 Structural	09.19.23	
27	ASI-31 Architectural Stairs	02.27.24	
32	ASI-35 Dormer and Roof Dimensions	05.08.24	
33	ASI-36 Core & Shell	05.22.24	
34	ASI-37 Parking Ramp & Hardscape	06.03.24	
35	ASI-38 Stair 2 Arch & Structural	06.05.24	
37	ASI-39 Stair 1 Arch	06.17.24	
38	ASI-38.R1 Stair 2 roof over-run	06.20.24	
10	ASI-40 Arch&PE Revisions	7/10/2024	
<b>l</b> 1	ASI-41 ARCH&MEP REVS	7/28/2024	
12	ASI-42 ARCH&MEP REVS	8/23/2024	
13	ASI-43 ARCH REVS	10/31/2024	
14	ASI-44 ARCH REVS	11/13/2024	

**CONSTRUCTION DOCUMENTS - FOR** \_CONSTRUCTION\_

DRAWING INDEX, NOTES & SYMBOLS

T.02

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#### GENERAL EXTERIOR NOTES

- GENERAL CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT IF FIELD CONDITIONS ARE DIFFERENT
- THAN SHOWN IN THE DRAWINGS.

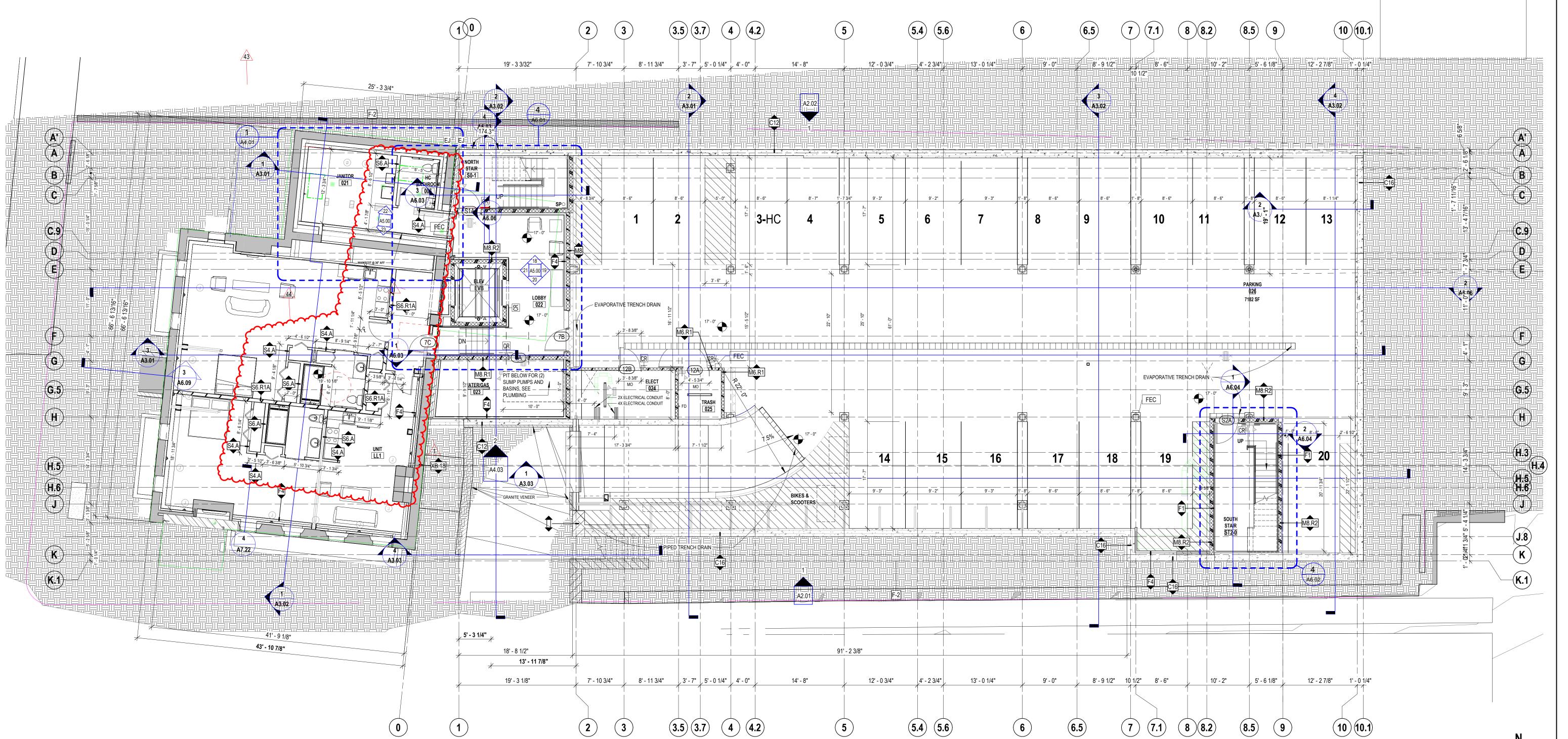
  2. REFERENCE LIFE SAFETY DRAWINGS LS.00-LS.03
  FOR ADDITIONAL INFORMATION.
- FOR ADDITIONAL INFORMATION.

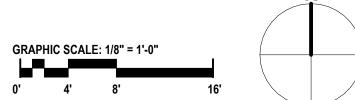
  3. REFERENCE DRAWING A8.02, & A8.03 FOR
  EXTERIOR WALL AND HORIZONTAL ASSEMBLY
- 4. REFERENCE CIVIL ENGINEERING AND LANDSCAPE ARCHITECTURAL DRAWINGS FOR SITE SPECIFIC INFORMATION. SITE INFORMATION SHOWN HERE FOR REFERENCE ONLY.
- 5. EXTERIOR DIMENSIONS ARE GIVEN FROM FACE
  OF STUD TO FACE OF STUD, TYP.
  6. ALL DOORS SHALL BE INSTALLED WITH HINGED
  SIDE OF FINISHED OPENING 6" FROM ADJACENT
- WALL, OR CENTERED WITHIN WALL, UNLESS NOTED OTHERWISE.
  7. ALL DOORS INTENDED FOR PASSAGE MUST MEET ACCESSIBILITY MANEUVERING CLEARANCES.
  8. EXTERIOR OPENINGS ARE DIMENSIONED TO CENTER LINE OF OPENING UNLESS NOTED
- OTHERWISE.

  9. ALL WORK SHALL COMPLY WITH APPLICABLE LOCAL CODES AS WELL AS STATE AND FEDERAL
- GUIDELINES.

  10. REFER TO A8.11 FOR WINDOW AND LOUVER
- TYPES

  11. REFER TO A8.21 FOR DOOR TYPES AND
- SCHEDULE
  12. REFER TO A2 SERIES FOR ENLARGED
  ELEVATIONS, A3 SERIES FOR COMPILATION
  SHEETS, AND A4 SERIES SHEETS FOR ENLARGED
- 13. ALL EXPOSED STEEL ELEMENTS, INCLUDING EXPOSED DECK TO BE FINISHED PER 099113 1.2C







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(603) 433-8639

HOTEL TREADWELL

93 PLEASANT STREET PORTSMOUTH, NH 03801

Dagny Taggart, LLC McNabb Properties





cale: As indicated late: 9/30/2024 roject Number: 1003/P150.00

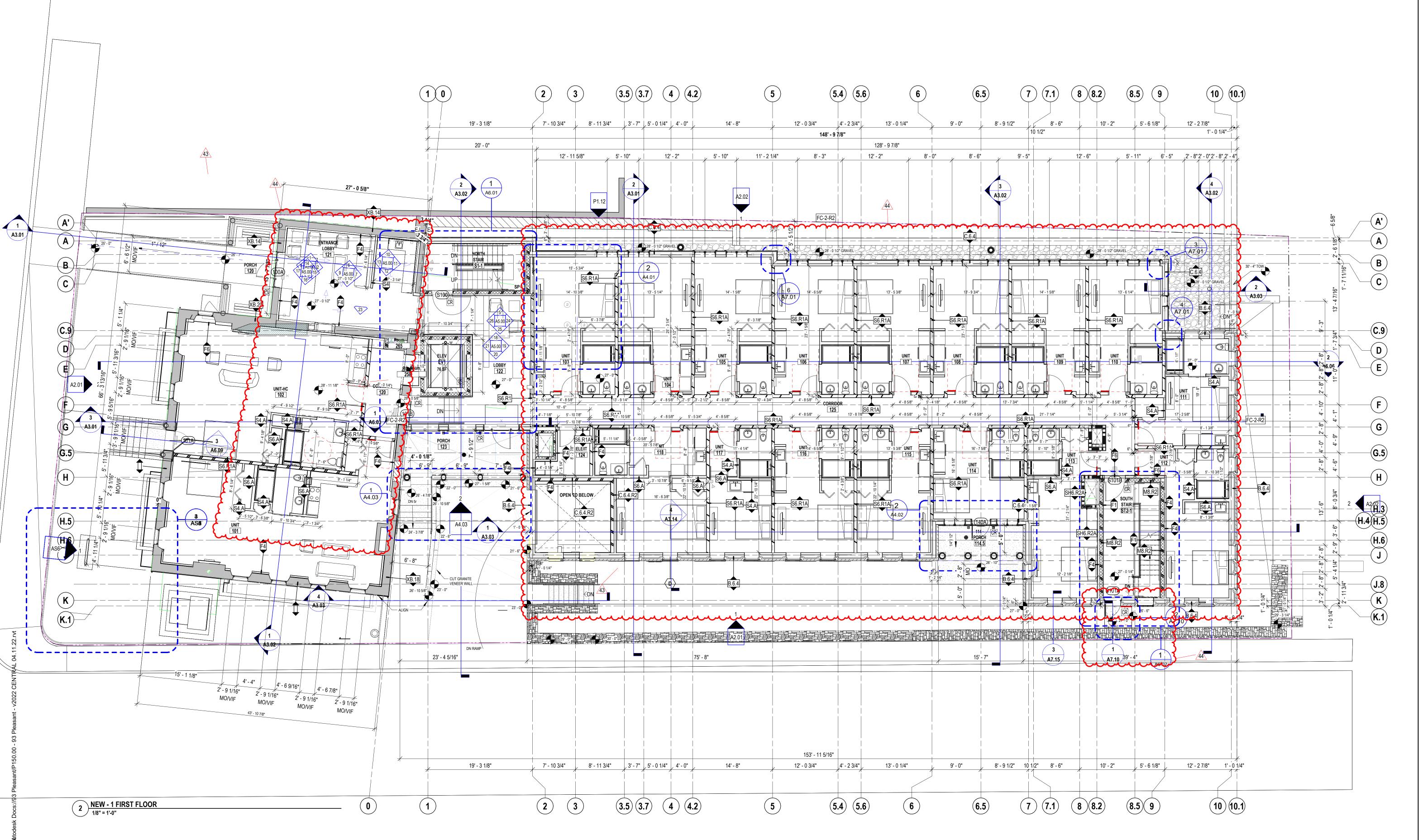
	REVISIONS				
NO.	DESCRIPTION	DATE			
1	ADDENDUM 1	8.30.22			
3	ASI-05 basement lounge & roof deck	11.04.22			
10	ASI-13 Mansion Revisions	04.17.23			
14	ASI-17 Structural & Architectural	05.10.23			
17	ASI-20 Windows, elevator, lobby stairs	06.21.23			
25	ASI-29 Architectural	01.15.24			
31	ASI-34 Electrical and trash room	04.17.24			
33	ASI-36 Core & Shell	05.22.24			
34	ASI-37 Parking Ramp & Hardscape	06.03.24			
36	ASI-37.R1 Parking Ramp	06.20.24			
42	ASI-42 ARCH&MEP REVS	8/23/2024			
43	ASI-43 ARCH REVS	10/31/2024			
44	ASI-44 ARCH REVS	11/13/2024			

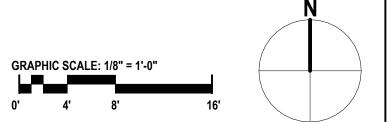
CONSTRUCTION DOCUMENTS - FOR CONSTRUCTION

BASEMENT FLOOR PLAN

A1.00

NEW - 0 BASEMENT FLOOR PLAN
1/8" = 1'-0"







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 Scale:
 1/8" = 1'-0"

 Date:
 9/30/2024

 Project Number:
 1003/P150.00

	REVISIONS		
NO.	DESCRIPTION	DATE	
19	ASI-22 Structural, HVAC, Arch	08.08.23	
24	ASI-28 Structural	10.02.23	
26	ASI-30 WV MEP REV#2	02.13.24	
27	ASI-31 Architectural Stairs	02.27.24	
31	ASI-34 Electrical and trash room	04.17.24	
33	ASI-36 Core & Shell	05.22.24	
34	ASI-37 Parking Ramp & Hardscape	06.03.24	
36	ASI-37.R1 Parking Ramp	06.20.24	
40	ASI-40 Arch&PE Revisions	7/10/2024	
41	ASI-41 ARCH&MEP REVS	7/28/2024	
42	ASI-42 ARCH&MEP REVS	8/23/2024	
43	ASI-43 ARCH REVS	10/31/2024	
44	ASI-44 ARCH REVS	11/13/2024	

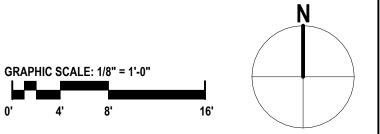
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FIRST FLOOR PLAN

A1.01

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NEW - 2 SECOND FLOOR PLAN
1/8" = 1'-0"





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 1/8" = 1'-0"

 Date:
 9/30/2024

 Project Number:
 1003/P150.00

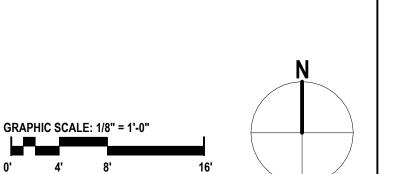
	REVISIONS	3	
NO.	DESCRIPTION	DATE	
10	ASI-13 Mansion Revisions	04.17.23	
12	ASI-15 Stair Adjustements, plans and sections	04.28.23	
14	ASI-17 Structural & Architectural	05.10.23	
19	ASI-22 Structural, HVAC, Arch	08.08.23	
31	ASI-34 Electrical and trash room	04.17.24	
33	ASI-36 Core & Shell	05.22.24	
40	ASI-40 Arch&PE Revisions	7/10/2024	
41	ASI-41 ARCH&MEP REVS	7/28/2024	
42			
43	ASI-43 ARCH REVS 10/31/		
44	ASI-44 ARCH REVS	11/13/2024	

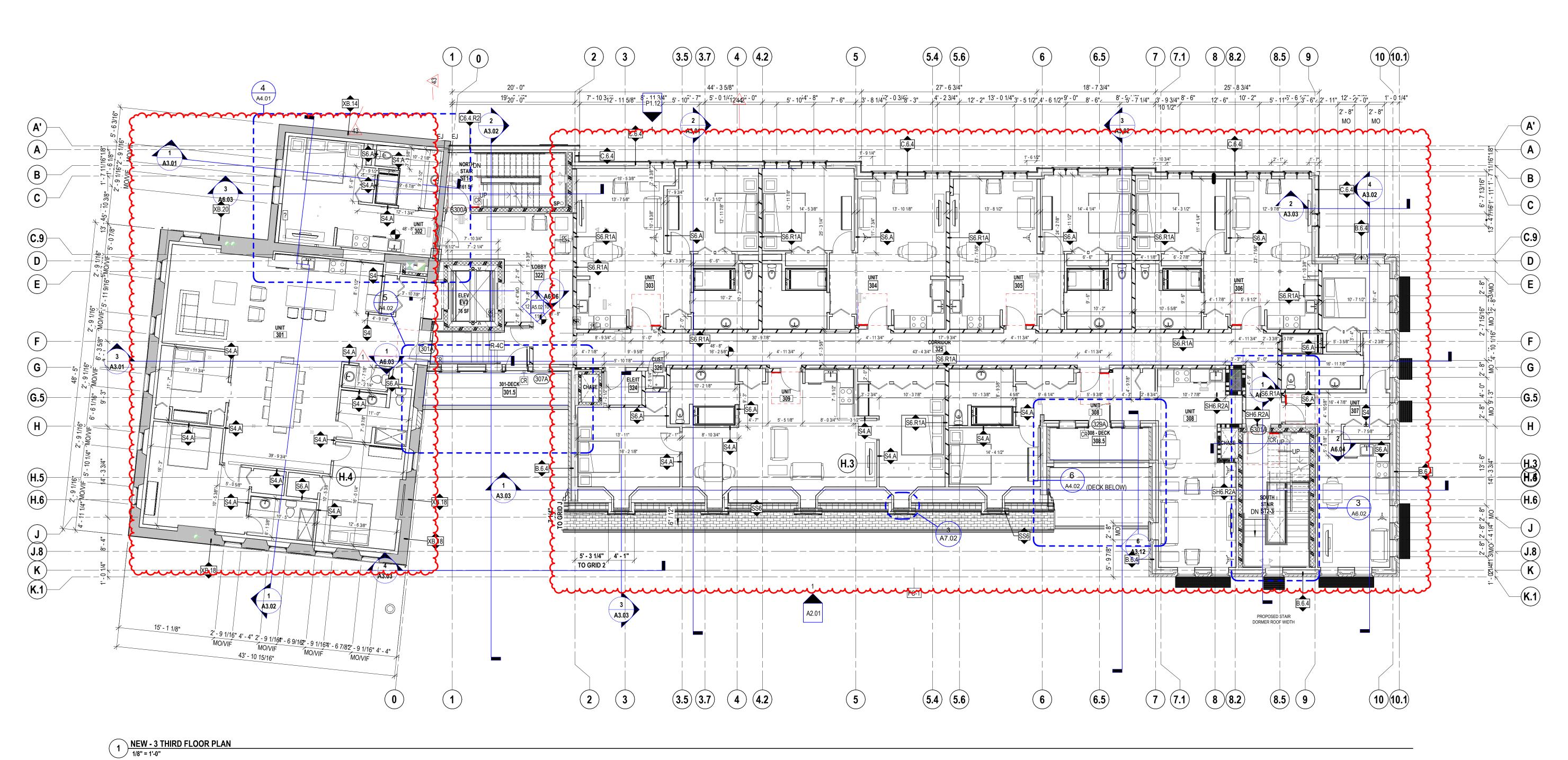
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SECOND FLOOR PLAN

A1.02

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ARCHITECTURE CONSULTANT **JSA DESIGN** 273 Corporate Dr, Ste 100 Portsmouth NH 03801

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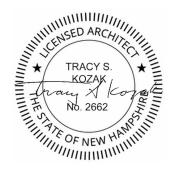
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1/8" = 1'-0" 9/30/2024 Date: 1003/P150.00 Project Number:

	REVISIONS	;
NO.	DESCRIPTION	DATE
12	ASI-15 Stair Adjustements, plans and sections	04.28.23
14	ASI-17 Structural & Architectural	05.10.23
19	ASI-22 Structural, HVAC, Arch	08.08.23
31	ASI-34 Electrical and trash room	04.17.24
32	ASI-35 Dormer and Roof Dimensions	05.08.24
33	ASI-36 Core & Shell	05.22.24
35	ASI-38 Stair 2 Arch & Structural	06.05.24
40	ASI-40 Arch&PE Revisions	7/10/2024
41	ASI-41 ARCH&MEP REVS	7/28/2024
42	ASI-42 ARCH&MEP REVS	8/23/2024
43	ASI-43 ARCH REVS	10/31/202
44	ASI-44 ARCH REVS	11/13/202

**CONSTRUCTION DOCUMENTS - FOR** \_\_CONSTRUCTION

THIRD FLOOR PLAN

A1.03





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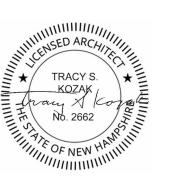
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Scale: As indicated

Date: 9/30/2024

Project Number: 1003/P150.00

	REVISIONS		
NO.	DESCRIPTION	DATE	
3	ASI-05 basement lounge & roof deck	11.04.22	
32	ASI-35 Dormer and Roof Dimensions	05.08.24	
33	ASI-36 Core & Shell	05.22.24	
34	ASI-37 Parking Ramp & Hardscape	06.03.24	
35	ASI-38 Stair 2 Arch & Structural	06.05.24	
40	ASI-40 Arch&PE Revisions	7/10/2024	
41	ASI-41 ARCH&MEP REVS	7/28/2024	
42	ASI-42 ARCH&MEP REVS	8/23/2024	
44	ASI-44 ARCH REVS	11/13/2024	

CONSTRUCTION DOCUMENTS - FOR CONSTRUCTION

BUILDING SECTIONS

A3.03

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}		REVISIONS						
<b>\</b>	NO.	DESCI	RIPTION		DATE			
\	44	ASI-44 AR	CH REV	3	11/13/2024			
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EXTERIOR SECTION DETAILS

**\7.10** 

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