

# Site Development Plans Commercial Development Inside Out Painting and Remodeling 100 Lowell Road Hudson, NH

## October 2, 2024

THIS PLAN SET  
LAST REVISED ON:  
3/5/2025



**LOCATION PLAN**  
PREPARED FROM:  
Bing Maps  
SCALE: 1" = 1000'

LEGEND		EXISTING	PROPOSED
EDGE OF GRAVEL			
EDGE OF PAVEMENT			
PROPERTY LINE			
STONE WALL			
REBAR			
BOUND			
BOLLARD			
EASEMENT LINE			
BUILDING SETBACK LINE			
ZONING BOUNDARY			
FLOOD PLAIN BOUNDARY			
XXXX PROPERTY MAP			
TEMPORARY BENCH MARK			
CONTOURS			
SPOT ELEVATIONS			
SOILS BOUNDARY			
SCS SOIL IDENTIFICATION SYMBOL			
HISS SOIL IDENTIFICATION SYMBOL			
TREE LINE			
EVERGREEN TREE			
EVERGREEN SHRUB			
WOOD RAIL FENCE			
CHAIN LINK FENCE			
SILT SOCK			
OVERHEAD UTILITIES			
UNDERGROUND UTILITIES			
SANITARY SEWER			
WATER LINE			
GAS LINE			
RIPRAP			
GAS VALVE			
SEWER MANHOLE			
CLEANOUT			
WATER GATE			
WATER SHUT OFF			
UTILITY POLE			
UTILITY POLE W/ STREET LIGHT			
GUY WIRE			
GUY POLE			
LIGHT POLE			
WALL LIGHT			
TRANSFORMER			
TEST PIT			
PERCOLATION TEST			
DRAINAGE FLOW ARROWS			
TRAFFIC FLOW ARROWS			
ACCESSIBLE PARKING			
DUMPSTER			
SIGN			

**OWNER OF RECORD**  
100 LOWELL RD LLC  
122 LOWELL ROAD, SUITE 3  
HUDSON, NH 03501  
  
SIGNATURE \_\_\_\_\_



- NOTE**
1. THE PURPOSE OF THIS PLAN IS TO SHOW A GENERAL OVERVIEW OF HUDSON TAX MAP 198 LOT 147.
  2. THIS PLAN WAS PREPARED FROM THE PLANS OF REFERENCE AND THE ASSESSORS MAPS OF THE TOWN OF HUDSON.

**SHEET INDEX**

SHEET NUMBER	DESCRIPTION	REVISION NUMBER	DATE
1	TITLE SHEET	2	3/5/2025
2	EXISTING CONDITIONS PLAN	-	10/2/2024
3	SITE DEVELOPMENT PLAN	2	3/5/2025
4	SITE GRADING & UTILITIES PLAN	2	3/5/2025
5	LIGHTING PLAN	2	3/5/2025
6	FIRE PROTECTION PLAN	2	3/5/2025
7	EROSION CONTROL DETAILS	1	1/7/2025
8	CONSTRUCTION DETAILS	1	1/7/2025
9	CONSTRUCTION DETAILS	2	3/5/2025
10	CONSTRUCTION DETAILS	-	1/7/2025

**REQUIRED PERMITS**  
HUDSON SITE PLAN APPROVAL: PENDING

No.	Revision	Date
2	Addressed F&O Comments	3/5/2025
1	Addressed F&O Comments	1/7/2025

Designed by: BRC      Drawn by: BRC      Checked by: DMF

**Title Sheet**  
**Commercial Development**  
**Inside Out Painting and Remodeling**  
**100 Lowell Road**  
**Hudson, NH**  
Assessors Map 198 Lot 147

Windham, New Hampshire  
Portland, Maine      (603) 647-8700  
www.sfeng.com

Sheet 1 of 10      Scale: 1" = 200'      Date: 10/2/2024

	Prepared for: 100 Lowell Rd LLC 122 Lowell Road, Suite 3 Hudson, NH 03501	Hudson Planning Board Approval
Zoning Classification: B - Business		

APPROVED BY HUDSON, NH PLANNING BOARD

DATE OF MEETING: \_\_\_\_\_

SIGNATURE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

SIGNATURE DATE: \_\_\_\_\_ SIGNATURE DATE: \_\_\_\_\_

SITE PLANS ARE VALID FOR TWO YEARS FROM THE DATE OF PLANNING BOARD MEETING DATE AT WHICH THE PLAN RECEIVES FINAL APPROVAL.

PURSUANT TO THE SITE REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

THIS PLAN SET SUBMITTED FOR PERMITTING AND CONSTRUCTION ESTIMATES. THIS PLAN SET SHALL NOT BE USED FOR CONSTRUCTION.

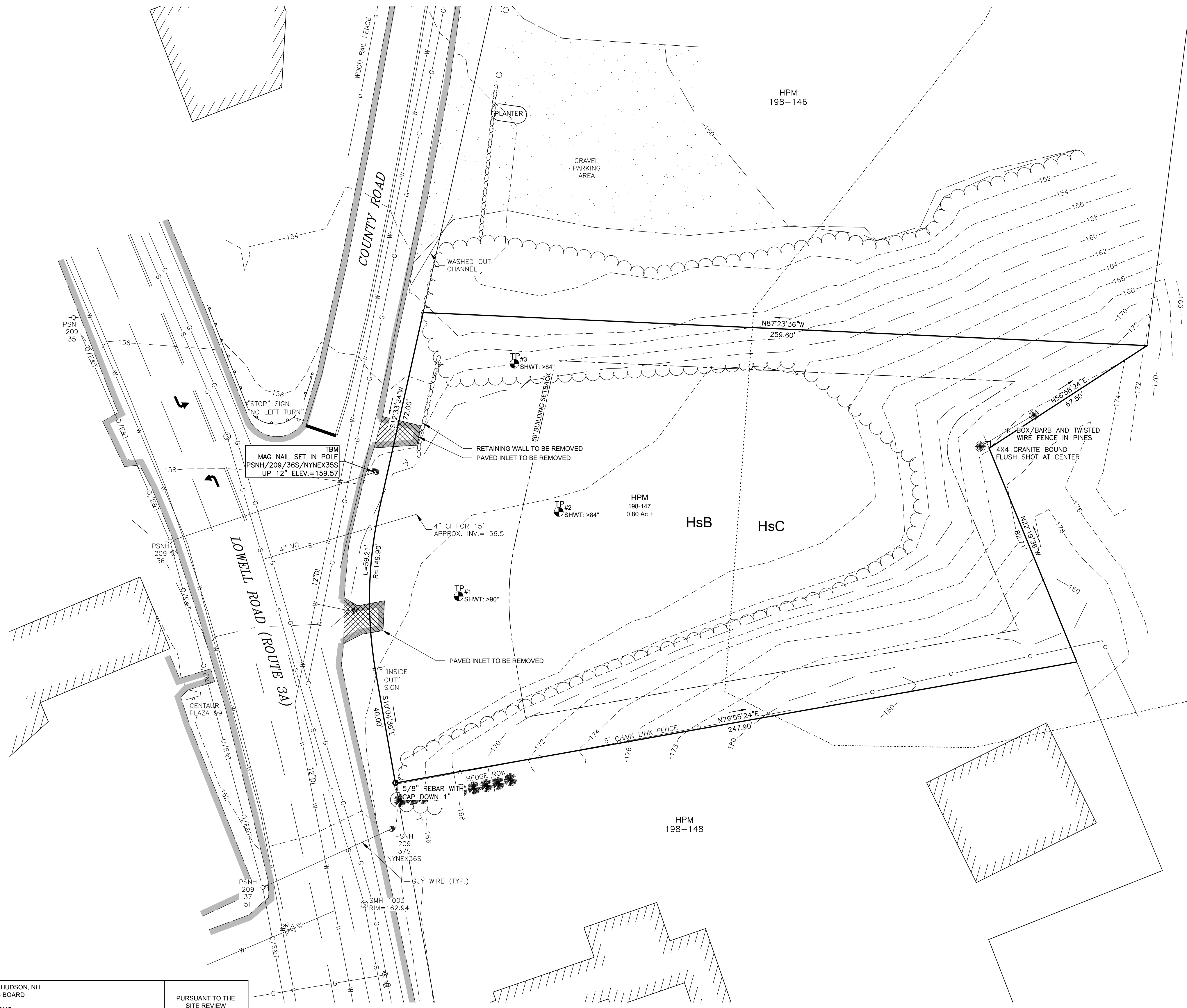
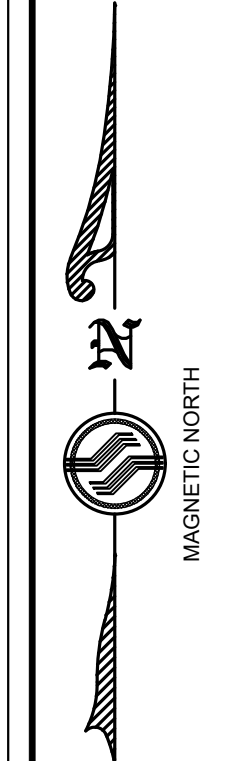
DIG SAFE 1-888-344-7233

SCALE: 1" = 200'

0 100' 200' 400' 600'

Drawing name: K:\03\6677\10 Inside Out Painting - 100 Lowell Rd Hudson NH - Hamilton\AutoCAD\10 Inside Out Painting.dwg





**PLANS OF REFERENCE**

- "PLAN OF LAND, FELIX MAYNARD" PREPARED FOR: FELIX MAYNARD, PREPARED BY: ROLAND GIROUARD, DATED: OCT. 1969, RECORDED IN THE HILLSBOROUGH COUNTY REGISTRY OF DEEDS AS PLAN #4281  
PLAN REFERENCE HUDSON, HILLSBOROUGH COUNTY REGISTRY OF DEEDS

**NOTES**

- THE PURPOSE OF THIS PLAN IS TO DEPICT THE EXISTING CONDITIONS OF HUDSON PROPERTY MAP 198 LOT 147 CONSISTING OF 0.80 AC.±
- THE OWNER OF RECORD: 100 LOWELL ROAD LLC  
DEED REFERENCE BOOK 9752 PAGE 1966, HILLSBOROUGH COUNTY REGISTRY OF DEEDS
- THIS PLAN SHOWS CONDITIONS AS DEFINED BY INSTRUMENT FIELD SURVEY ON 3/26/2024. THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY BY SFC ENGINEERING PARTNERSHIP INC. THE PROPERTY BOUNDARY SHOWN IS BASED ON MONUMENTATION FOUND DURING THE FIELD SURVEY AND PLANS OF REFERENCE.
- BENCHMARK: CHC 900B SURVEY GRADE PGS  
VERTICAL DATUM: NAVD 88 (GEOID18)  
HORIZONTAL DATUM: NAD 83
- ZONING DISTRICT: B - BUSINESS  
MINIMUM LOT SIZE: 30,000 SF  
MINIMUM FRONTAGE: 150'  
FRONT SETBACK: 50'  
SIDE SETBACK: 15'  
REAR SETBACK: 15'
- NO PORTION OF THIS PARCEL IS LOCATED WITHIN A FLOOD HAZARD AREA AS INTERPRETED FROM THE FLOOD INSURANCE RATE MAP FOR THE TOWN OF HUDSON, MAP NUMBER 33011C0518D, EFFECTIVE DATE: SEPTEMBER 25, 2009 PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.
- ALL UNDERGROUND UTILITIES, IF SHOWN, ARE APPROXIMATE. CONTRACTOR TO CONTACT DIGSAFE 72 HOURS PRIOR TO CONSTRUCTION.
- THE SITE IS SERVED BY MUNICIPAL WATER AND SEWER, OVERHEAD ELECTRIC, AND UNDERGROUND GAS.
- SEWER UTILITY SHOWN FROM TOWN GIS AND SEWER SERVICE RECORDS.
- WATER UTILITY SHOWN FROM TOWN GIS, WATER SERVICE RECORDS AND SURVEY LOCATIONS.
- GAS UTILITY SHOWN FROM TOWN GIS AND SURVEY LOCATIONS.
- THE SEWER SERVICE WAS VIEWED BY SFC AND HUDSON DPW ON AUGUST 29, 2024. THE PIPE SECTION PAST THE PROPERTY LINE TO THE SEWER MAIN IN THE ROAD WAS FOUND TO BE CLEAR AND ADEQUATE FOR SERVICE.
- PER NRCS WEB SOIL SURVEY, SOILS INCLUDE HSB HINCKLEY LOAMY SAND, 8 TO 15 PERCENT SLOPES.
- TEST PITS WERE OBSERVED BY SFC ON 8/29/2024

Drawing Name: K:\667710 Inside Out Painting - 100 Lowell Rd Hudson NH - HamiltonAutoCAD\667710 Existing Conditions.dwg

No.	Revision	Date

Designed by: JRB      Drawn by: BRC      Checked by: DMF

Existing Conditions Plan  
**Commercial Development**  
**Inside Out Painting and Remodeling**  
**100 Lowell Road**  
**Hudson, NH**  
 Assessors Map 198 Lot 147

**SFC**  
ENGINEERING

Windham, New Hampshire  
Portland, Maine      (603) 647-8700  
www.sfceing.com

Sheet 2 of 10      Scale: 1" = 20'      Date: 10/2/2024



Prepared for:  
100 Lowell Road LLC  
122 Lowell Road, Suite 3  
Hudson, NH 03501

Hudson Planning Board  
Approval

Zoning Classification: B - Business

APPROVED BY HUDSON, NH  
PLANNING BOARD

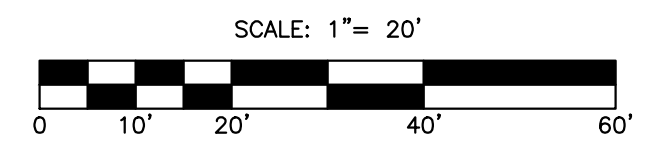
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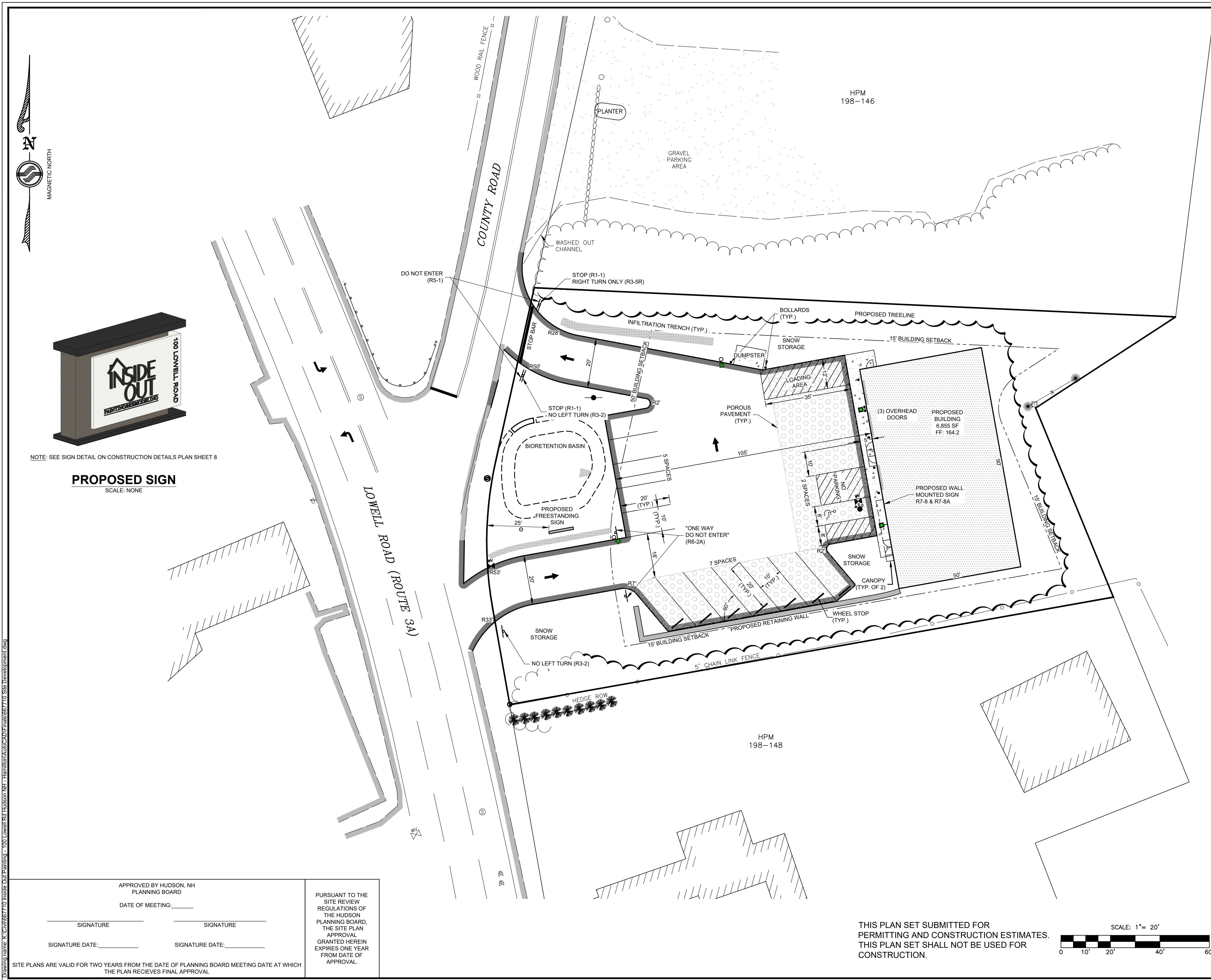
PURSUANT TO THE  
REGULATIONS OF  
THE HUDSON  
PLANNING BOARD,  
THE SITE PLAN  
APPROVAL  
GRANTED HEREIN  
EXPIRES ONE YEAR  
FROM DATE OF  
APPROVAL.

THIS PLAN SET SUBMITTED FOR  
PERMITTING AND CONSTRUCTION ESTIMATES.  
THIS PLAN SET SHALL NOT BE USED FOR  
CONSTRUCTION.



SITE PLANS ARE VALID FOR TWO YEARS FROM THE DATE OF PLANNING BOARD MEETING DATE AT WHICH THE PLAN RECEIVES FINAL APPROVAL.





- ### NOTES
- THE PURPOSE OF THIS PLAN IS TO DEPICT THE DEVELOPMENT OF A COMMERCIAL BUILDING ON HUDSON PROPERTY MAP 198 LOT 147 CONSISTING OF 0.80 AC.
  - THE PROPOSED DEVELOPMENT INCLUDES:
    - NEW COMMERCIAL BUILDING TO BE OCCUPIED BY ONE TENANT
    - PARKING AND MANEUVERING SPACE
    - THREE OVERHEAD DOORS
    - DUMPSTER WITH ENCLOSURE
    - RETAINING WALL
    - PROPERTY TO BE SERVED BY RIGHT IN/RIGHT OUT DRIVEWAYS
    - CONNECTION TO MUNICIPAL UTILITIES (WATER AND SEWER) AND NATURAL GAS
    - RELOCATION OF OVERHEAD ELECTRIC, THEN UNDERGROUND TO BUILDING
    - NEW FREESTANDING SIGN
  - ZONING DISTRICT: B - BUSINESS
 

DIMENSIONAL REQUIREMENT	REQUIRED	PROVIDED
MINIMUM LOT SIZE:	0.69 AC.± (30,000 SQ. FT.)	0.8 AC.± (34,848 SQ. FT.)
MINIMUM FRONTAGE:	150'	171'
MAXIMUM BUILDING HEIGHT:	35'	35'
FRONT SETBACK:	50'	135'
SIDE SETBACK:	15'	16'
REAR SETBACK:	15'	17'
OPEN SPACE:	13,939 SF	18,254 SF
  - TOTAL LAND AREA TO BE DISTRIBUTED WITH THIS PROJECT: 29,570 SF
  - TOTAL PAVEMENT ON SITE AFTER DEVELOPMENT: 11,770 SF, OF WHICH 3,724 SF POROUS
  - THE PROPOSED BUILDING WILL BE SERVED BY MUNICIPAL WATER AND SEWER AND UNDERGROUND GAS AND ELECTRIC.
  - ALL WORK IS TO CONFORM TO THE TOWN OF HUDSON STANDARDS.
  - PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY THAT THEY HAVE THE MOST RECENT SET OF PLANS. ALL WORK SHALL BE PERFORMED USING THE COMPLETE SET OF PLANS AS SOME ITEMS ARE NOT SHOWN ON EVERY SHEET.
  - THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF CONDITIONS ARE FOUND THAT DO NOT MATCH WHAT IS SHOWN ON THESE PLANS.
  - ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
  - EACH ACCESSIBLE SPACE SHALL BE MARKED WITH AN UPRIGHT SIGN.
  - ALL PARKING SPACES SHALL BE STRIPED WITH WHITE TRAFFIC PAINT WITH A 4" MINIMUM LINE WIDTH.
  - ALL DISTURBED AREAS SHALL BE DRESSED WITH 4" OF LOAM AND SEED UNLESS OTHERWISE SPECIFIED.
  - ALL SITE AND CONSTRUCTION PLANS MAY BE REVIEWED BY A THIRD PARTY CONSULTANT OF THE TOWNS CHOOSING. ALL COSTS ASSOCIATED WITH THE THIRD PARTY REVIEWS AND INSPECTION SHALL BE PAID BY THE DEVELOPER.
  - NOTE REMOVED.
  - LOCATION OF A SIGN MEETING ZONING REQUIREMENTS IS SHOWN. ALL SIGNS ARE SUBJECT TO APPROVAL BY THE HUDSON ZONING ADMINISTRATOR PRIOR TO INSTALLATION THEREOF.
  - HUDSON SITE PLAN REVIEW REGULATIONS SECTION 275-8.C(7)(e) THAT STATES THAT LANDSCAPING REQUIREMENTS DO NOT APPLY TO PARKING AREAS CONSISTING OF A SINGLE ACCESS LANE.
  - PARKING REQUIREMENTS
 

REQUIRED: 6,855 SF / 300 SF = 23 SPACES
PROVIDED: 14, OF WHICH 1 IS VAN ACCESSIBLE (SEE WAIVER REQUEST)
  - THIS PLAN INCLUDES A 35' LONG LOADING AREA. THE HUDSON SITE PLAN REGULATIONS (275-8.C(6)(b)) ALLOWS FOR A 35' LOADING LENGTH WHEN DEMONSTRATED DELIVERY IS BY A SHORTER TRUCK. THE OWNERS WILL HAVE DELIVERIES VIA BOX TRUCKS AND OTHER TRUCKS WHERE 35' LOADING LENGTH IS ADEQUATE. (SEE WAIVER REQUEST)
  - RETAINING WALL DESIGN IS TO BE COMPLETED AND STAMPED BY A NH LICENSED PROFESSIONAL ENGINEER AND SUBMITTED TO THE TOWN FOR REVIEW.
  - THIS PLAN INCLUDES USE OF POROUS PAVEMENT. LANDOWNER IS RESPONSIBLE FOR ADHERING TO THE PROJECT OPERATION AND MAINTENANCE MANUAL.
  - THIS DEVELOPMENT HAS BEEN DESIGNED FOR A SINGLE TENANT.
  - THE POROUS PAVEMENT SECTIONS DEPICTED ON THESE PLANS ARE AN INTEGRAL PART OF THE STORMWATER MANAGEMENT DESIGN FOR THE SITE AND MUST REMAIN POROUS. THE LAND OWNER SHALL NOT SEAL OR CHANGE THESE AREAS TO CONVENTIONAL PAVEMENT.

- ### WAIVER REQUESTS
- 193-10.G FOR 2 DRIVEWAY CURB CUTS
  - 275-8.C(2)(m) FOR PARKING QUANTITY
  - 275-8.C(6)(b) FOR LOADING SPACE SIZE
  - 276-11.1.B(9) THAT REQUIRES ERROR OF CLOSURE PREPARED BY A NH LICENSED LAND SURVEYOR
  - 276-11.1.B.(12)(c) 100' RESIDENTIAL SETBACK

2	Addressed F&O Comments	3/5/2025
1	Addressed F&O Comments	1/7/2025
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		Checked by: DMF

Site Development Plan  
**Commercial Development**  
**Inside Out Painting and Remodeling**  
**100 Lowell Road**  
**Hudson, NH**  
 Assessors Map 198 Lot 147



Windham, New Hampshire  
 Portland, Maine

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Sheet 3 of 10      Scale: 1" = 20'      Date: 10/2/2024

	Prepared for: 100 Lowell Road LLC 122 Lowell Road, Suite 3 Hudson, NH 03501	Hudson Planning Board Approval
Zoning Classification: B - Business		

NOTE: SEE SIGN DETAIL ON CONSTRUCTION DETAILS PLAN SHEET 8

**PROPOSED SIGN**  
SCALE: NONE

APPROVED BY HUDSON, NH PLANNING BOARD

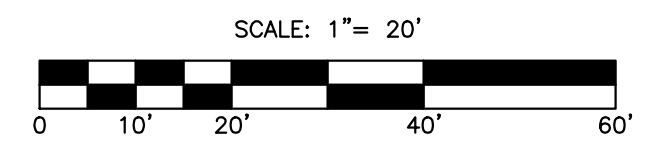
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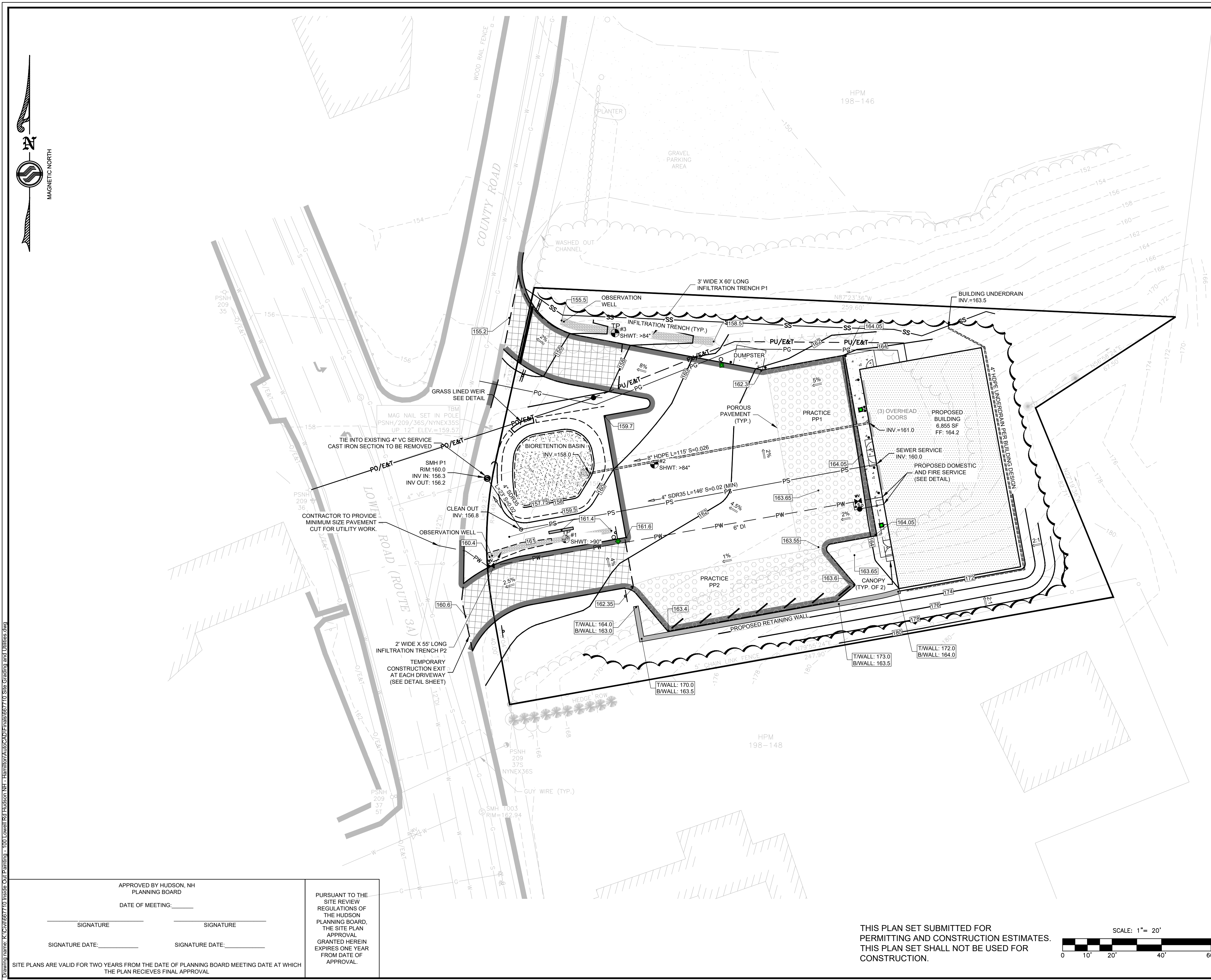
PURSUANT TO THE SITE REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

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Drawing name: K:\067710 Inside Out Painting - 100 Lowell Rd Hudson NH - Hamilton AutoCAD\198\667710 Site Development.dwg





**NOTES**

1. THE PURPOSE OF THIS PLAN IS TO SHOW THE PROPOSED GRADING AND UTILITIES FOR DEVELOPMENT OF HUDSON PROPERTY MAP 198 LOT 147.
2. ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH TOWN OF HUDSON STANDARDS.
3. SFC ENGINEERING PARTNERSHIP, INC. DOES NOT WARRANT THE LOCATION OR ELEVATION OF THE EXISTING UTILITIES OR THAT ALL ARE SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING DIG SAFE (1-800-394-7233) AT LEAST 72 HOURS PRIOR TO CONSTRUCTION IN ACCORDANCE WITH STATE LAW.
4. CONTRACTOR SHALL VERIFY TEMPORARY BENCH MARK (TBM) ELEVATIONS PRIOR TO CONSTRUCTION.
5. BENCHMARK: CHC 900B SURVEY GRADE GPS  
VERTICAL DATUM: NAVD 88 (GEOID18)  
HORIZONTAL DATUM: NAD 83
6. ALL SPOT GRADES ARE AT BOTTOM OF CURB UNLESS OTHERWISE SPECIFIED.
7. ALL DISTURBED AREAS SHALL BE DRESSED WITH 4" OF LOAM AND SEED UNLESS OTHERWISE SPECIFIED.
8. ALL 2:1 SLOPES SHALL BE STABILIZED WITH JUTE MATTING OR EROSION CONTROL BLANKET IMMEDIATELY FOLLOWING FINAL GRADING.
9. RETAINING WALL DESIGN SHALL BE STAMPED BY NH PE AND SUBMITTED TO TOWN FOR REVIEW PRIOR TO CONSTRUCTION.
10. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING EROSION CONTROL MEASURES THROUGHOUT CONSTRUCTION PER NH STORMWATER MANUAL. EROSION CONTROL MEASURES SHALL BE REMOVED AND PROPERLY DISPOSED OF ONCE THE SITE IS STABLE. THE TOWN OF HUDSON RESERVES THE RIGHT TO REQUIRE ANY ADDITIONAL EROSION CONTROL MEASURES AS NEEDED.
11. DOMESTIC WATER SERVICE SIZE PER BUILDING DESIGN.
12. ELECTRIC SERVICE TO BE INSTALLED IN CONFORMANCE WITH UTILITY PROVIDER REQUIREMENTS.
13. ANTICIPATED SEWER LOADING:  
BASED ON OFFICE USE WITH NO CAFETERIA OR SHOWERS  
7 EMPLOYEES X 10 GPD = 70 GPD
14. FLOOR DRAINS, ROOF DRAINS, SUMP PUMPS OR ANY OTHER NON-SANITARY SEWERAGE DRAIN CANNOT BE CONNECTED TO THE BUILDING'S SEWER SERVICE CONNECTION.
15. CONTRACTOR TO COORDINATE THE SEWER INVERT OUT AT BUILDING TO PROVIDE MINIMUM 2% SLOPE TO THE NEW SMH. COVER OVER PIPE TO BE 2" MINIMUM. CONTRACTOR TO CONFIRM EXISTING PIPE INVERT AT PROPOSED SMH PRIOR TO FOUNDATION WORK.
16. A MINIMUM OF 2" INSULATION ON TOP AND AROUND THE PRIVATE SEWER SERVICE WILL BE INSTALLED FOR ANY SECTION OF THE PRIVATE SERVICE WITH LESS THAN 4' COVER.
17. SEE NOTE 23 ON THE SITE DEVELOPMENT PLAN REGARDING REQUIREMENT FOR POROUS PAVEMENT TO REMAIN POROUS.
18. ADDITIONAL TEST PITS AT THE BIORETENTION AND POROUS PAVEMENT AREAS WILL BE OBSERVED AND WITNESSED BY HUDSON ENGINEERING DEPARTMENT TO CONFIRM SOILS BEFORE THESE PRACTICES ARE CONSTRUCTED.

2	Addressed F&O Comments	3/5/2025
1	Addressed F&O Comments	1/7/2025
No.	Revision	Date
Designed by: JRB		Drawn by: BRC
		Checked by: DMF

**Site Grading & Utilities Plan**  
**Commercial Development**  
**Inside Out Painting and Remodeling**  
**100 Lowell Road**  
**Hudson, NH**  
Assessors Map 198 Lot 147

Windham, New Hampshire  
Portland, Maine
(603) 647-8700  
www.sfeng.com

Sheet 4 of 10
Scale: 1" = 20'
Date: 10/2/2024

**DANIEL M. FLORES**  
No. 15761  
Professional Engineer

Prepared for:  
100 Lowell Road LLC  
122 Lowell Road, Suite 3  
Hudson, NH 03501

Hudson Planning Board  
Approval

Zoning Classification: B - Business

APPROVED BY HUDSON, NH PLANNING BOARD

DATE OF MEETING: \_\_\_\_\_

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
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PURSUANT TO THE SITE REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

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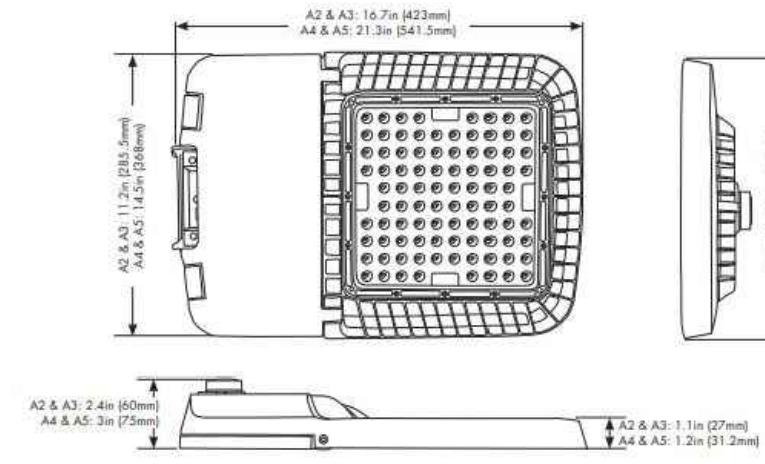


# Specifications

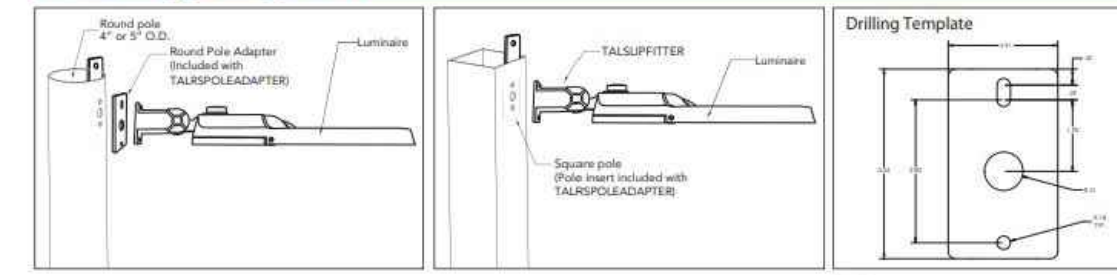
Input Line Voltage	120-277 & 277-480VAC
Input Line Frequency (Hz)	50/60HZ
lumens / Wattage	14,000L (100W) 19,500L (150W) 27,500L (200W) 37,500L (300W)
lumens per Watt (LPW)	>137 LPW
Color Temperature (CCT)	3000K, 4000K, 5000K
Rated Life	50,000 hours
Controls	NEMA 3-pin & 7-pin Photocell Receptacle options available
Operating Temperature	-40°C to 50°C
CRI	70+
Power Factor	>0.9
Surge Protection	10KV (120-277V), 20KV (277-480V)
THD	<20%
Ratings	UL/cUL, DLC Premium 5.1, IP65 Wet location rated



# Dimensions



# Mounting Diagrams



# NOTES

1. THE PURPOSE OF THIS PLAN IS TO SHOW THE PROPOSED LIGHTING OF THE DEVELOPMENT OF HUDSON MAP 198 LOT 147.
2. PROPOSED LIGHT FIXTURES TO BE MODEL 65110W BY ESL VISION OR APPROVED EQUAL AND TO BE MODEL TALUZDA2T4F40KBR BY TCP OR APPROVED.
3. PROPOSED LIGHT FIXTURES ARE FULLY SHIELDED AND DARK SKY CONFORMING.
4. PROPOSED LIGHT FIXTURES MOUNTING HEIGHT TO BE 20' FOR WALL PACKS AND 20' FOR LIGHT POLES.
5. SITE LIGHTING TO BE OFF FROM 10 PM UNTIL 6 AM.
6. LIGHTS WILL HAVE A MOTION DETECTOR FOR SECURITY PURPOSES.

# Key Features & Benefits:

- Kelvin and Wattage Selectable
- Built In Photocell
- Occupancy and Emergency Options
- Stand-alone 10KV Surge Protection
- Available in White and Bronze Finishes

# Product Specifications:

Selectable Wattage: 65W-110W  
Lumen Output: Up to 13,174 Lumens  
Efficacy (lm/W): Up to 125 Lumens per Watt  
Kelvin: 3000K-4000K-5000K  
Protection: Standard 10KV Surge Protection  
CRI: >80  
Power Frequency: 50/60Hz  
Power Factor: >0.9  
Operating Temperature: -40°F to 122°F (-40°C to 50°C)  
Input Voltage: 120-277VAC  
Estimated L70 Lifetime: 149,000 hrs Calculated Per TM21  
Warranty: 5 Year Warranty  
Product Weight: 11.88 lbs



Easy Access to Photocell with On/Off Switch and Patent Pending Easy Replacement

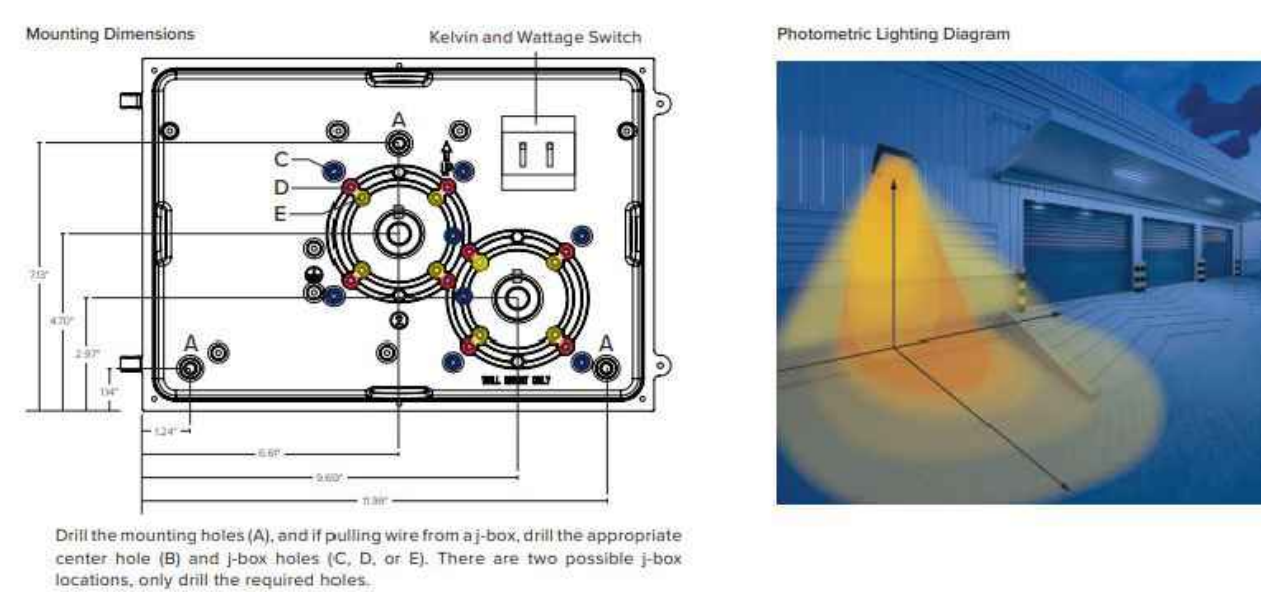
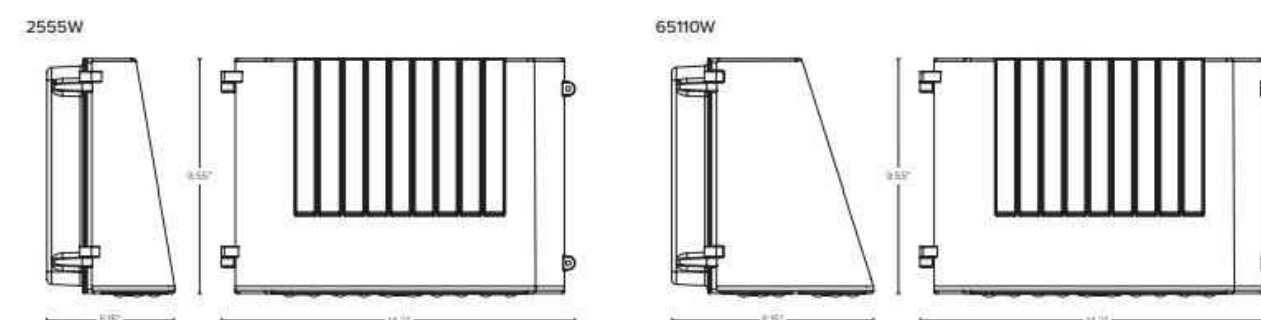


# Ordering Guide:

ESL	TYPE	WATTAGE	GENERATION	KELVIN	VOLTAGE	FINISH	OPTIONS
ESL	FCWP	65110W	2	3050	120-277 VAC	FF	

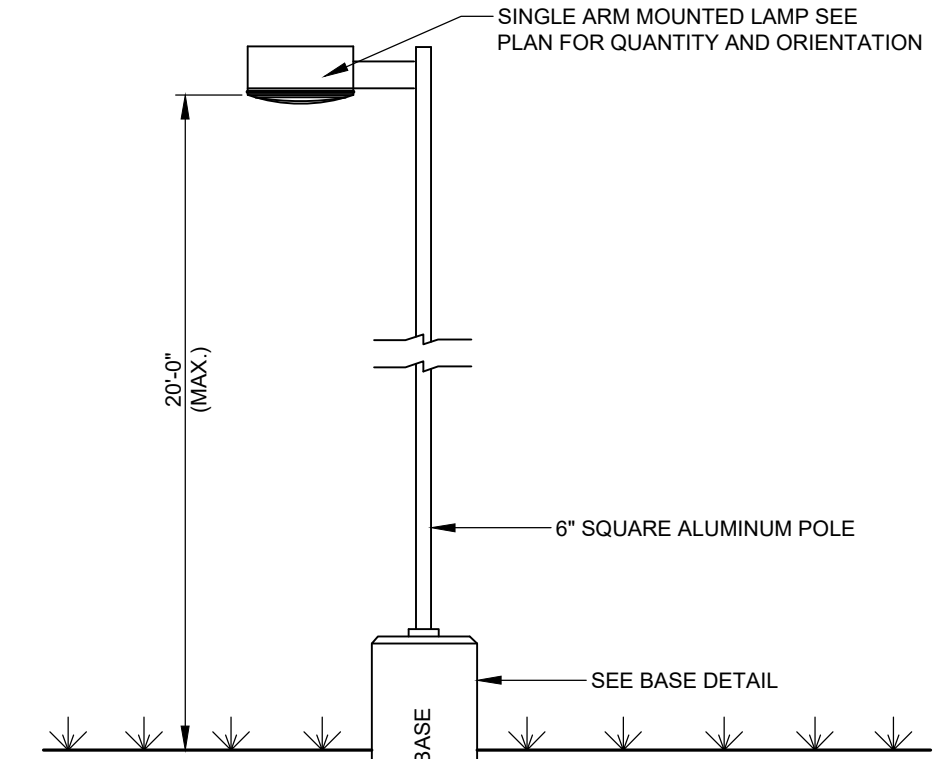
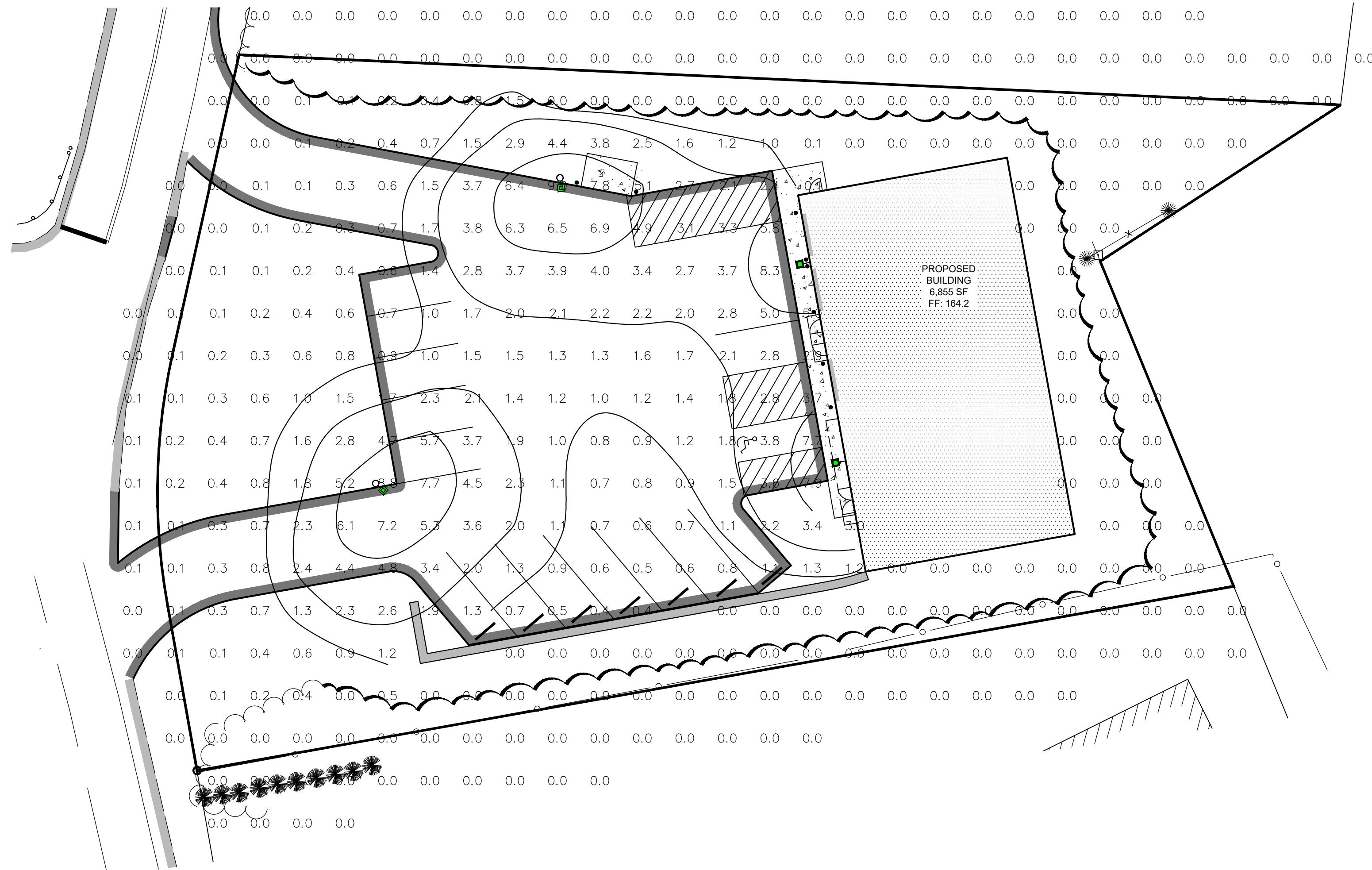
FACTORY INSTALLED OPTIONS	
EMS	Emergency backup battery unit, auto test function, 5 watts output, 90 minutes min. 120-277VAC input, 30-200VDC output, closed lead wiring, UL listed for factory installation.
TIDCC	Microwave Occupancy Sensor

# Dimensions:



APPROVED BY HUDSON, NH PLANNING BOARD  
DATE OF MEETING: \_\_\_\_\_  
SIGNATURE \_\_\_\_\_ SIGNATURE \_\_\_\_\_  
SIGNATURE DATE: \_\_\_\_\_ SIGNATURE DATE: \_\_\_\_\_

PURSUANT TO THE SITE REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.



- NOTES:**
1. FIXTURES MUST BE GROUNDED IN ACCORDANCE WITH LOCAL ELECTRICAL CODES, OR THE NATIONAL ELECTRICAL CODE.
  2. ABOVE FIXTURES ARE EXAMPLES ONLY. FIXTURES OF ANOTHER MANUFACTURER MAY BE SUBSTITUTED, PROVIDED THAT SIMILAR DISTRIBUTION PATTERNS AND LIGHTING LEVELS ARE ACHIEVED.
  3. CENTER OF POLE BASES TO BE SET 4'-0" FROM EDGE OF PAVEMENT, EXCEPT WHERE OTHERWISE INDICATED ON DRAWING.
  4. LIGHTING SHOWN HERE IS AREA LIGHTING. SUPPLEMENTAL BUILDING-MOUNTED FIXTURES AT DOORWAYS, ETC. MAY BE REQUIRED.

**LIGHT POLE DETAIL**  
NOT TO SCALE

2	Addressed F&O Comments	3/5/2025
1	Addressed F&O Comments	1/7/2025
No.	Revision	Date
Designed by: JRB		Drawn by: BRC
		Checked by: DMF

Lighting Plan  
**Commercial Development**  
**Inside Out Painting and Remodeling**  
100 Lowell Road  
Hudson, NH  
Assessors Map 198 Lot 147

**SFC**  
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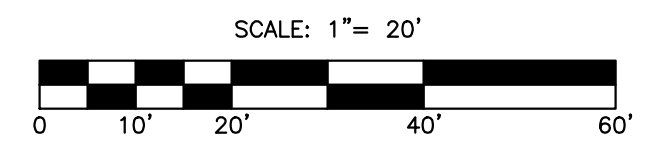
Sheet 5 of 10      Scale: 1" = 20'      Date: 10/2/2024

Prepared for:  
100 Lowell Road LLC  
122 Lowell Road, Suite 3  
Hudson, NH 03501

Hudson Planning Board  
Approval

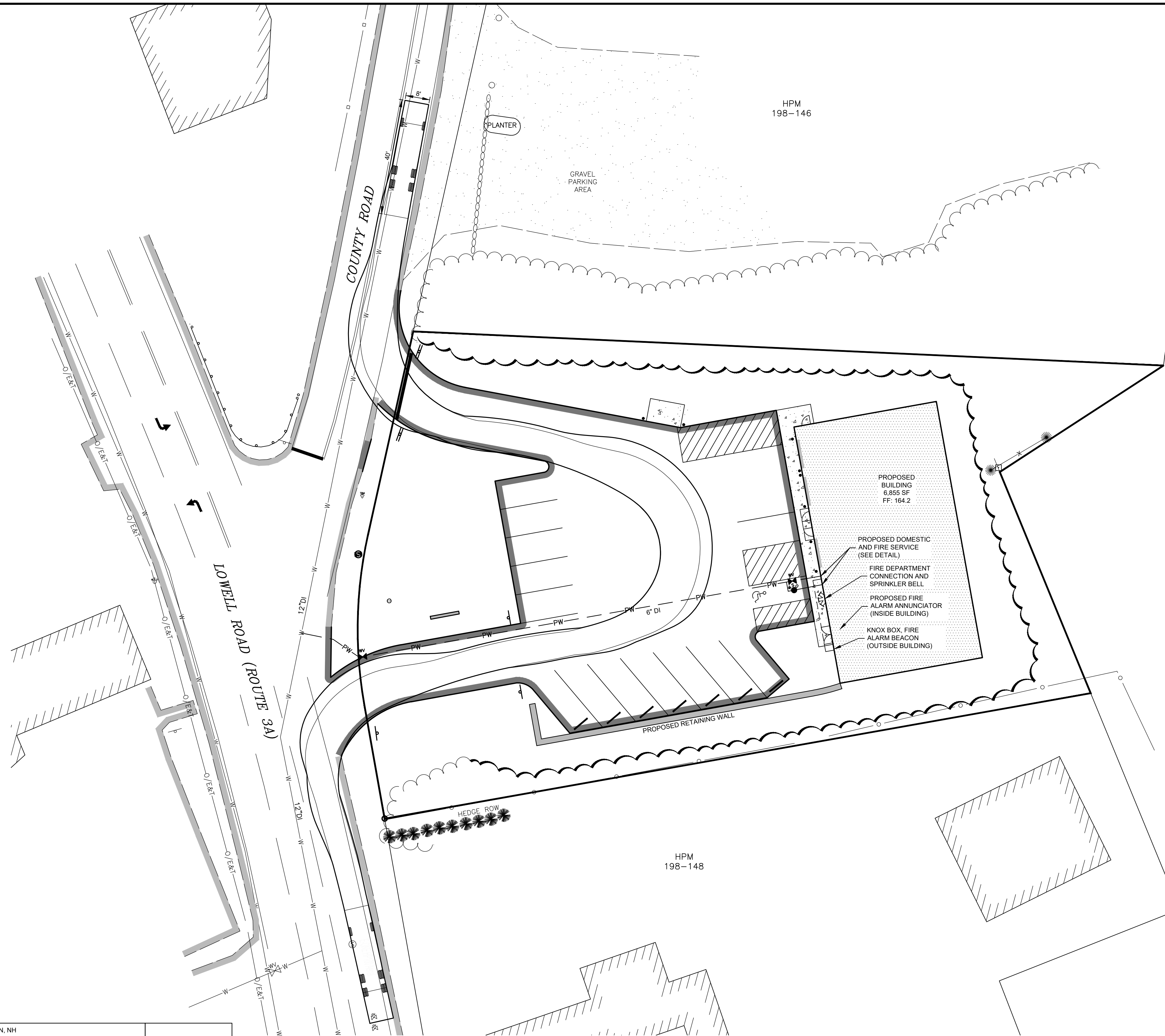
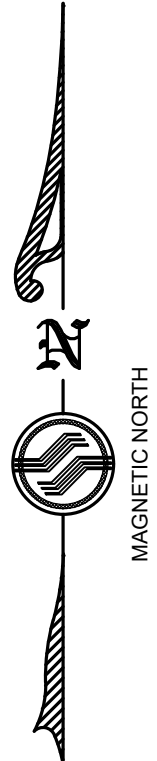
Zoning Classification: B - Business

THIS PLAN SET SUBMITTED FOR PERMITTING AND CONSTRUCTION ESTIMATES. THIS PLAN SET SHALL NOT BE USED FOR CONSTRUCTION.



Drawing name: K:\667710 Inside Out Painting - 100 Lowell Rd Hudson NH - HamiltonAutoCAD\667710 Lighting Plan.dwg





**NOTES**

THE PURPOSE OF THIS PLAN IS TO AID THE FIRE DEPARTMENT REVIEWER IN DETERMINING COMPLIANCE WITH MAJOR FIRE CODE REQUIREMENTS AS THEY RELATE TO SITE PLANNING. THIS PLAN IS NOT INTENDED TO SPECIFY ANY SYSTEMS DESIGNS OR MATERIALS BUT RATHER IT:

1. IDENTIFIES FIRE DEPARTMENT ACCESS REQUIREMENTS. MANEUVERING SHOWN BASED ON 100 FT LADDER TRUCK.
2. SPECIFIES INTENT TO PROVIDE SPRINKLER AND FIRE ALARM SYSTEMS.
3. SHOWS PROPOSED LOCATIONS OF KNOX BOX, FIRE ALARM ANNUNCIATOR, FIRE ALARM BEACON, FIRE DEPARTMENT CONNECTION, AND SPRINKLER BELL (SUBJECT TO FINAL APPROVAL IN PERMIT PLANS).
4. CALCULATE PRELIMINARY FIRE FLOW REQUIREMENTS BASED UPON ASSUMED TYPE IIB CONSTRUCTION (SPRINKLERED FLOW 600 GPM W/QR OR UNSPRINKLERED 1750 GPM).
5. IDENTIFY NEAREST HYDRANT.

**FIRE PROTECTION NOTES**

1. FIRE DEPARTMENT ACCESS ROADS ARE TO BE PROVIDED AND MAINTAINED IN ACCORDANCE WITH NFPA 1, CHAPTER 18.
2. FIRE DEPARTMENT ACCESS ROADS WILL EXTEND TO WITHIN 50' OF AT LEAST ONE EXTERIOR DOOR THAT CAN BE OPENED FROM THE OUTSIDE AND PROVIDES ACCESS TO THE INTERIOR OF THE BUILDING (NFPA 1 SECTION 18.2.3.2.1)
3. FIRE DEPARTMENT ACCESS ROADS ARE TO BE PROVIDED SUCH THAT ANY PORTION OF THE FACILITY OR ANY PORTION OF AN EXTERIOR WALL OF THE FIRST STORY OF THE BUILDING IS LOCATED NOT MORE THAN 150' FROM ACCESS ROADS AS MEASURED BY AN APPROVED ROUTE AROUND THE EXTERIOR OF THE BUILDING OR FACILITY (DIMENSION IS INCREASED TO 450' WHERE THE BUILDING IS PROVIDED WITH AN NFPA 13 COMPLIANT SYSTEM).
4. ACCESS ROAD DIMENSIONS:
  - A. MINIMUM UNOBSTRUCTED WIDTH: 20' (NFPA 1 SECTION 18.2.3.5.1.1)
  - B. MINIMUM UNOBSTRUCTED VERTICAL CLEARANCE: 13'-6" (NFPA 1 SECTION 18.2.3.5.1.2)
6. ACCESS ROADS ARE TO BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF RESPONDING APPARATUS WITH AN ALL WEATHER DRIVING SURFACE PROVIDED.
7. ACCESS ROADS ARE TO MAINTAIN THE REQUIRED CLEAR WIDTH ALONG TURNS. RADIUS OF TURN IS TO BE APPROVED BY HUDSON FIRE DEPARTMENT.
8. A FIRE HYDRANT IS LOCATED TO THE SOUTH ON LOWELL ROAD AND IS WITHIN 400 FT OF THE BUILDING AS REQUIRED BY NFPA 1 18.5.3(1).
9. THE BUILDING WILL BE PROVIDED WITH AN NFPA 13 SPRINKLER SYSTEM AND NFPA 72 FIRE ALARM, 2019 EDITIONS. BUILDING TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE NH STATE FIRE AND BUILDING CODES INCLUDING BUT NOT LIMITED TO, THE 2021 INTERNATIONAL BUILDING CODE AND THE 2021 EDITIONS OF NFPA 1, THE UNIFORM FIRE CODE AND 101, THE LIFE SAFETY CODE.
10. THE PROPOSED +/- 6,855 FT<sup>2</sup> BUILDING (GROSS AREA, ALL FLOORS) IS A BUILDING OTHER THAN ONE- AND TWO-FAMILY DWELLING. BASED UPON TYPE II(000) CONSTRUCTION, NFPA 1 TABLE 18.4.5.2.1 REQUIRES A FIRE FLOW OF 1750GPM FOR A DURATION OF 2 HOURS. ASSUMING THE BUILDING WILL BE SPRINKLERED WITH QUICK RESPONSE SPRINKLERS, THE FIRE FLOW CAN BE REDUCED BY 75% PER NFPA 1 §18.4.5.3.3. THE DURATION IS A MAXIMUM OF 2 HOURS DUE TO SPRINKLER PROTECTION PER NFPA 1 §18.4.5.3.4. THE MINIMUM FIRE FLOW CANNOT BE LESS THAN 600GPM PER NFPA 1 §16.4.5.3.3. THEREFORE, THE RESULTING FIRE FLOW IS 600GPM. A HYDRANT FLOW TEST WILL BE REQUIRED FOR SPRINKLER DESIGN AND TO CONFIRM THAT THE REQUIRED FIRE FLOW IS AVAILABLE.

2	Addressed F&O & Fire Dept Comments	3/5/2025
1	Addressed F&O & Fire Dept Comments	1/7/2025
No.	Revision	Date
Designed by: JRB		Drawn by: BRC
		Checked by: DMF

**Fire Protection Plan**  
**Commercial Development**  
**Inside Out Painting and Remodeling**  
**100 Lowell Road**  
**Hudson, NH**  
 Assessors Map 198 Lot 147

**SFC**  
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Portland, Maine

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Sheet 6 of 10      Scale: 1" = 20'      Date: 10/2/2024

	Prepared for:	Hudson Planning Board Approval
	100 Lowell Rd LLC 122 Lowell Road, Suite 3 Hudson, NH 03501	

Zoning Classification: B - Business

APPROVED BY HUDSON, NH PLANNING BOARD

DATE OF MEETING: \_\_\_\_\_

\_\_\_\_\_  
SIGNATURE                      SIGNATURE

\_\_\_\_\_  
SIGNATURE DATE:              SIGNATURE DATE: \_\_\_\_\_

PURSUANT TO THE SITE REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

SITE PLANS ARE VALID FOR TWO YEARS FROM THE DATE OF PLANNING BOARD MEETING DATE AT WHICH THE PLAN RECEIVES FINAL APPROVAL.

Drawing Name: K:\67710 Inside Out Painting - 100 Lowell Rd Hudson NH - Hamilton\AutoCAD\Final\67710 Fire Protection Plan.dwg



## TEMPORARY SEEDING SPECIFICATIONS

REFERENCE NH STORMWATER MANUAL: VOLUME 3, REVISION 1.0

### A) SITE PREPARATION

- INSTALL NEEDED EROSION AND SEDIMENT CONTROL MEASURES SUCH AS SILTATION BARRIERS, DIVERSIONS, AND SEDIMENT TRAPS.
- GRADE AS NEEDED FOR THE ACCESS OF EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING.
- RUNOFF SHOULD BE DIVERTED FROM THE SEEDBED AREA.
- ON SLOPES 4:1 OR STEEPER, THE FINAL PREPARATION SHOULD INCLUDE CREATING HORIZONTAL GROOVES PERPENDICULAR TO THE DIRECTION OF THE SLOPE TO CATCH SEED AND REDUCE RUNOFF.

### B) SEEDBED PREPARATION

- STONES AND TRASH SHOULD BE REMOVED SO AS NOT TO INTERFERE WITH THE SEEDING AREA.
- WHERE THE SOIL HAS BEEN COMPACTED BY CONSTRUCTION OPERATIONS, LOOSEN SOIL TO A DEPTH OF 2 INCHES BEFORE APPLYING FERTILIZER, LIME AND SEED.
- IF APPLICABLE, FERTILIZER AND ORGANIC SOIL AMENDMENTS SHOULD BE APPLIED DURING THE GROWING SEASON. FERTILIZER SHALL ONLY BE USED BASED ON SOIL TEST RESULTS. FERTILIZER SHALL BE RESTRICTED TO A ZERO PHOSPHATE, SLOW RELEASE NITROGEN FERTILIZER. NO FERTILIZER SHALL BE USED WITHIN THE PROTECTIVE WELL RADIUS, AND WITHIN 25 FEET OF A SURFACE WATER BODY. RATE OF APPLICATION SHALL BE PER MANUFACTURER AND SOIL TEST RESULTS.

### C) SEEDING:

- SELECT SEED FROM TABLE BELOW.
- APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTIPACKER TYPE SEEDER OR HYDROSEEDER (SLURRY INCLUDING SEED AND FERTILIZER). NORMAL SEEDING DEPTH IS FROM 1/4 TO 1/2 INCH. HYDROSEEDING THAT INCLUDES MULCH MAY BE LEFT ON SOIL SURFACE. SEEDING RATES MUST BE INCREASED 10% WHEN HYDROSEEDING.
- TEMPORARY SEEDING SHOULD TYPICALLY OCCUR PRIOR TO SEPTEMBER 15TH.
- AREAS SEEDED BETWEEN MAY 15TH AND AUGUST 15TH SHOULD BE COVERED WITH HAY OR STRAW MULCH, ACCORDING TO THE "TEMPORARY AND PERMANENT MULCHING" PRACTICE.
- VEGETATED GROWTH COVERING AT LEAST 85% OF THE DISTURBED AREA SHOULD BE ACHIEVED PRIOR TO OCTOBER 15TH. IF THIS CONDITION IS NOT ACHIEVED, IMPLEMENT OTHER TEMPORARY STABILIZATION MEASURES FOR OVERWINTER PROTECTION.
- PROVIDE MULCH WHERE IT IS IMPRACTICAL TO INCORPORATE SEED INTO MOIST SOIL. THE SEEDED AREA SHOULD BE MULCHED TO FACILITATE GERMINATION. REFERENCE NH STORMWATER MANUAL: VOLUME 3 FOR TEMPORARY AND PERMANENT MULCHING REQUIREMENTS.

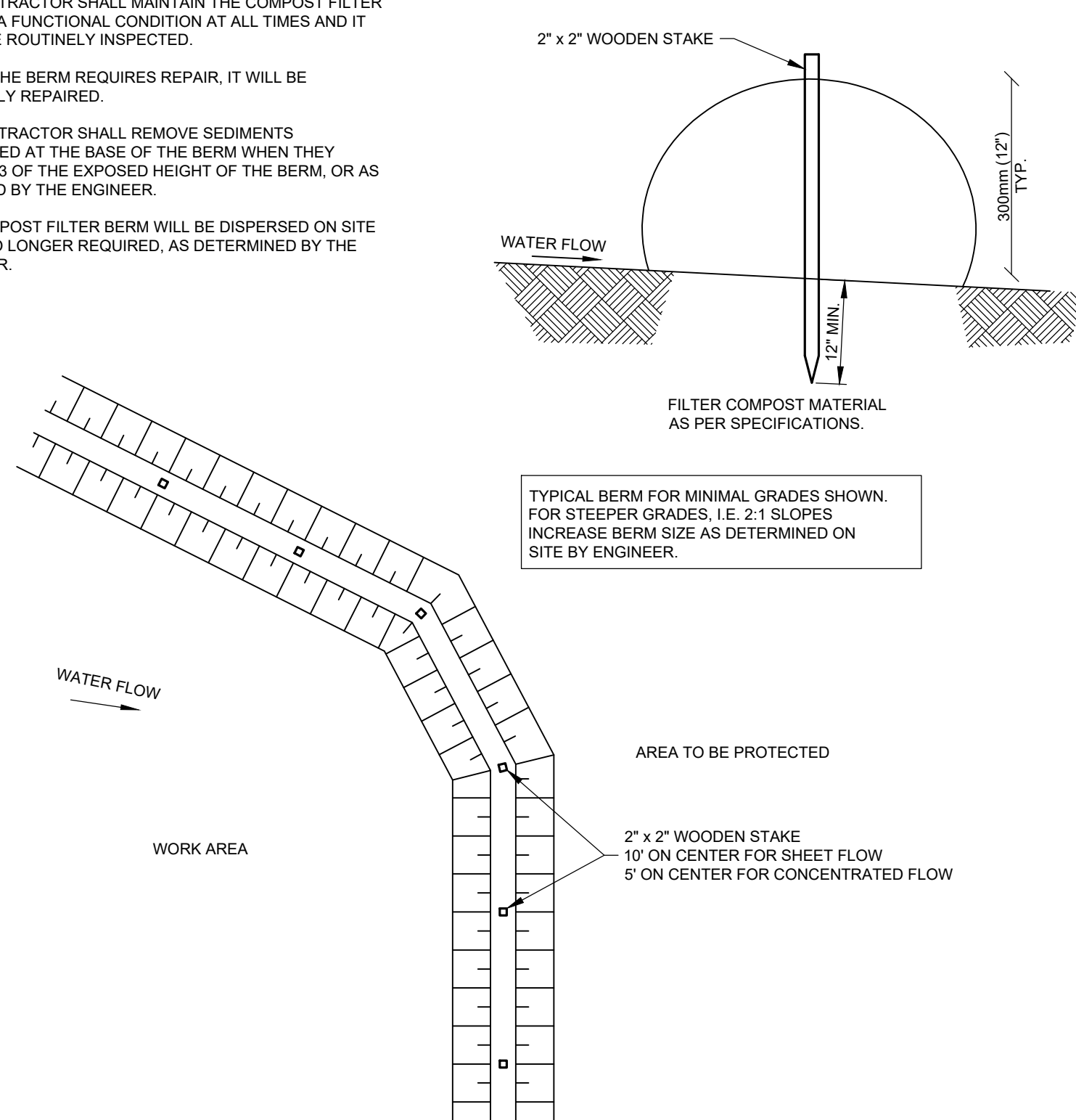
## PLANT SELECTION AND SEEDING RATES

SPECIES	PER ACRE BUSHELS (BU) OR POUNDS (LBS)	PER 1,000 SF	REMARKS
WINTER RYE	2 BU OR 112 LBS	2.5 LBS	BEST FOR FALL SEEDING. SEED FROM MAY 15 TO JUNE 15 FOR BEST COVER. SEED TO A DEPTH OF 1 INCH.
OATS	2.5 BU OR 80 LBS	2 LBS	BEST FOR SPRING SEEDINGS. SEED NO LATER THAN MAY 15 FOR SUMMER PROTECTIONS. SEED TO A DEPTH OF 1 INCH.
ANNUAL RYEGRASS	40 LBS	1 LB	GROWS QUICKLY, BUT IS OF SHORT DURATION. USE WHERE APPEARANCES ARE IMPORTANT. SEED EARLY SPRING AND/OR BETWEEN AUGUST 15 AND SEPTEMBER 15. COVER THE SEED WITH NO MORE THAN 0.25 INCH OF SOIL.
PERENNIAL RYEGRASS	30 LBS	0.7 LB	GOOD COVER WHICH IS LONGER LASTING THAN ANNUAL RYEGRASS. SEED BETWEEN APRIL 1 AND JUNE 1 AND/OR BETWEEN AUGUST 15 AND SEPTEMBER 15. MULCHING WILL ALLOW SEEDING THROUGHOUT THE GROWING SEASON. SEED TO A DEPTH OF APPROXIMATELY 0.5 INCH.

### NOTES

- ALL MATERIAL TO MEET FILTREXX™ SPECIFICATIONS.
- THE CONTRACTOR SHALL MAINTAIN THE COMPOST FILTER BERM IN A FUNCTIONAL CONDITION AT ALL TIMES AND IT SHALL BE ROUTINELY INSPECTED.
- WHERE THE BERM REQUIRES REPAIR, IT WILL BE ROUTINELY REPAIRED.
- THE CONTRACTOR SHALL REMOVE SEDIMENTS COLLECTED AT THE BASE OF THE BERM WHEN THEY REACH 1/3 OF THE EXPOSED HEIGHT OF THE BERM, OR AS DIRECTED BY THE ENGINEER.
- THE COMPOST FILTER BERM WILL BE DISPERSED ON SITE WHEN NO LONGER REQUIRED, AS DETERMINED BY THE ENGINEER.

SOCK OPTION: FILTREXX™ FILTER SOCK, SIZED TO SUIT CONDITIONS. 300mm to 450mm (12" to 18") TYPICAL.



## SILT SOCK INSTALLATION DETAIL

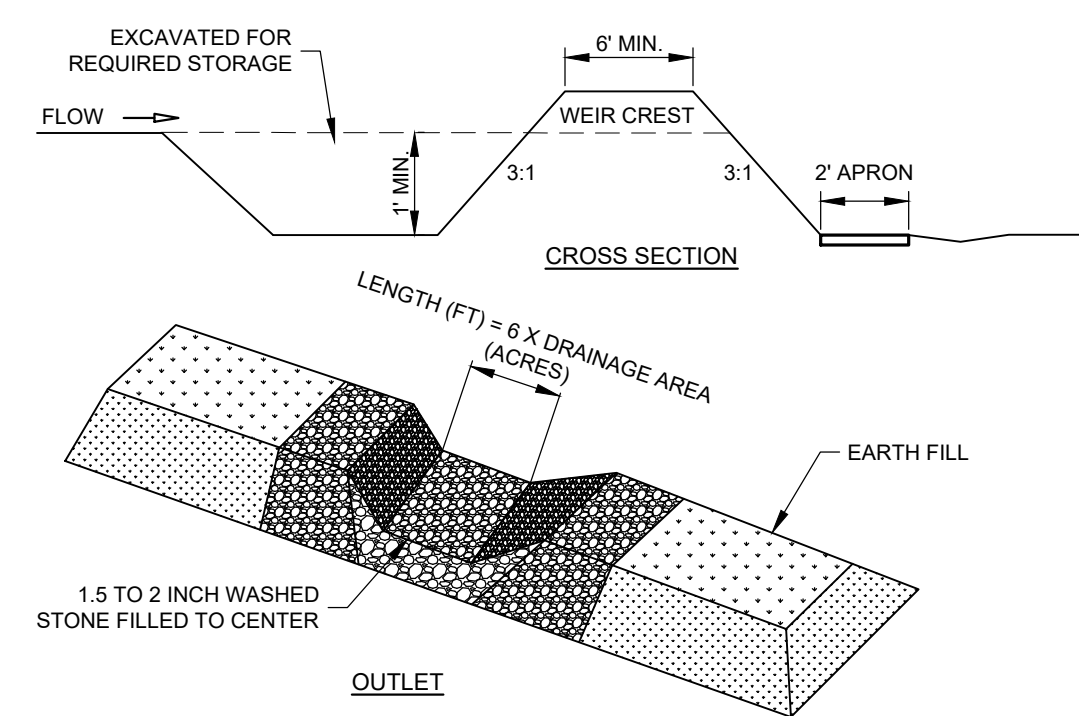
NOT TO SCALE

### NOTES

- TEMPORARY SEDIMENT TRAPS SHALL COMPLY WITH THE FOLLOWING:
- THE TRAP SHALL BE INSTALLED AS CLOSE TO THE DISTURBED AREA OR SOURCE OF SEDIMENT AS POSSIBLE.
  - THE MAXIMUM CONTRIBUTING DRAINAGE AREA TO THE TRAP SHALL BE LESS THAN 5 ACRES.
  - THE MINIMUM VOLUME OF THE TRAP SHALL BE 3,600 CUBIC FEET OF STORAGE FOR EACH ACRE OF DRAINAGE AREA.
  - THE SIDE SLOPES OF THE TRAP SHALL BE 3:1 OR FLATTER, AND SHALL BE STABILIZED IMMEDIATELY AFTER THEIR CONSTRUCTION.
  - THE OUTLET OF THE TRAP SHALL BE A MINIMUM OF ONE FOOT BELOW THE CREST OF THE TRAP AND SHALL DISCHARGE TO A STABILIZED AREA.
  - THE TRAP SHALL BE CLEANED WHEN 50 PERCENT OF THE ORIGINAL VOLUME IS FILLED, AND
  - THE MATERIALS REMOVED FROM THE TRAP SHALL BE PROPERLY DISPOSED OF AND STABILIZED.

### SPECIFICATIONS

- TEMPORARY SEDIMENT TRAPS SHALL BE DESIGNED IN ACCORDANCE WITH NH STORMWATER MANUAL:
- SEDIMENT TRAPS SHOULD BE LOCATED SO THAT THEY CAN BE INSTALLED PRIOR TO DISTURBING THE AREA THEY ARE TO PROTECT.
  - THE MAXIMUM HEIGHT OF THE SEDIMENT TRAP EMBANKMENT SHOULD BE 4 FEET WHEN MEASURED FROM THE LOWEST POINT OF NATURAL GROUND ON THE DOWNSTREAM SIDE OF THE EMBANKMENT.
  - OUTLETS SHOULD BE DESIGNED SO THAT THE TOP OF THE EMBANKMENT IS A MINIMUM OF 1 FOOT ABOVE THE CREST ELEVATION OF THE OUTLET.
  - THE OUTLET SHOULD DISCHARGE TO A STABILIZED AREA AND MUST EMPTY ONTO UNDISTURBED GROUND, INTO A WATERCOURSE, STABILIZED CHANNEL OR A STORM SEWER SYSTEM.



## TEMPORARY SEDIMENT TRAP

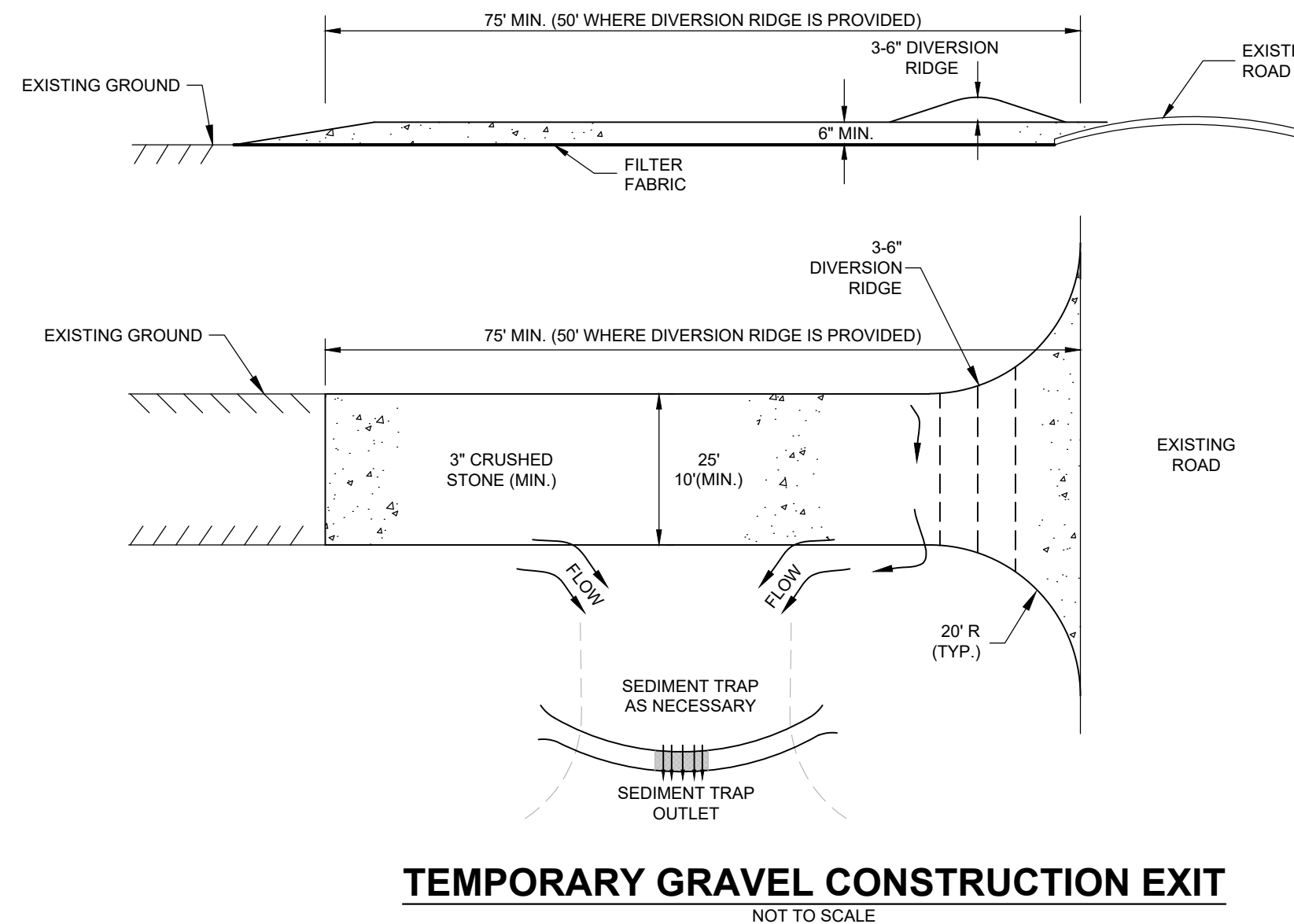
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### CONSTRUCTION SPECIFICATIONS

- STONE FOR A STABILIZED CONSTRUCTION EXIT SHALL BE MINIMUM 3 INCH CRUSHED STONE.
- THE MINIMUM LENGTH OF THE PAD SHOULD BE 75 FEET, EXCEPT THAT THE MINIMUM LENGTH MAY BE REDUCED TO 50 FEET IF A 3-INCH TO 6-INCH HIGH BERM IS INSTALLED AT THE ENTRANCE OF THE PROJECT SITE.
- THE THICKNESS OF THE STONE FOR THE STABILIZED EXIT SHALL NOT BE LESS THAN 6 INCHES.
- THE PAD SHOULD EXTEND THE FULL WIDTH OF THE CONSTRUCTION ACCESS ROAD OR 10 FEET, WHICHEVER IS GREATER.
- GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE.
- ALL SURFACE WATER SHALL BE DIRECTED AWAY FROM THE EXIT. IF WATER IS FLOWING TOWARD THE EXIT, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE ADDED.
- THE PAD SHOULD BE MAINTAINED OR REPLACED WHEN MUD AND SOIL PARTICLES CLOG THE Voids IN THE STONE SUCH THAT THE CONTROL PAD BECOMES INEFFECTIVE AND MUD AND SOIL PARTICLES ARE TRACKED OFF-SITE.
- NATURAL DRAINAGE THAT CROSSES THE LOCATION OF THE STONE PAD SHOULD BE INTERCEPTED AND PIPED BENEATH THE PAD, AS NECESSARY, WITH SUITABLE OUTLET PROTECTION.

### MAINTENANCE

- WHEN THE CONTROL PAD BECOMES INEFFECTIVE, THE STONE SHOULD BE REMOVED ALONG WITH THE COLLECTED SOIL MATERIAL, REGRADED ON SITE AND STABILIZED. THE EXIT SHOULD THEN BE RECONSTRUCTED.
- THE CONTRACTOR SHOULD SWEEP THE PAVEMENT AT EXITS WHENEVER SOIL MATERIALS ARE TRACKED ONTO THE ADJACENT PAVEMENT OR TRAVELED WAY.
- WHEN WHEEL WASHING IS REQUIRED, IT SHOULD BE CONDUCTED ON AN AREA STABILIZED WITH AGGREGATE, WHICH DRAINS INTO AN APPROVED SEDIMENT-TRAPPING DEVICE. ALL SEDIMENT SHOULD BE PREVENTED FROM ENTERING STORM DRAINS, DITCHES, OR WATERWAYS.



## TEMPORARY GRAVEL CONSTRUCTION EXIT

NOT TO SCALE

## CONSTRUCTION SEQUENCE

- INSTALL PERIMETER EROSION CONTROL MEASURES. TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO ANY EARTH MOVING OPERATION. EROSION CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND SHALL CONFORM TO ALL APPLICABLE SECTIONS OF THE NH STORMWATER MANUAL, VOLUME 3, DATED DECEMBER 2008.
- CUT AND CLEAR TREES. IDENTIFY TREES TO BE SAVED AND INSTALL PROTECTIVE FENCES AROUND THESE TREES. CUT TREES, CLEAR AND DISPOSE OF DEBRIS.
- INSTALL OTHER EROSION CONTROL MEASURES. TEMPORARY AND PERMANENT EROSION, SEDIMENT AND DETENTION PRACTICES - INCLUDING PONDS AND SWALES - SHALL BE INSTALLED PRIOR TO ROUGH GRADING. PERMANENT STORMWATER TREATMENT SYSTEMS ARE TO BE CONSTRUCTED AND SEEDED AS SOON AS PRACTICAL SO THAT VEGETATION MAY BE ESTABLISHED PRIOR TO DIRECTING RUNOFF TO THEM. ADDITIONAL STORMWATER MANAGEMENT PRACTICES SHALL BE IMMEDIATELY INSTALLED WHEN NECESSARY AND APPROPRIATE DURING CONSTRUCTION.
- PROTECT DRAINAGE STRUCTURES. DURING CONSTRUCTION, ALL DRAINAGE INLETS SHALL BE PROTECTED BY INSTALLING A GEOTEXTILE BARRIER UNDER THE GRATE OR BY INSTALLING A STONE CHECK DAM AROUND THE PERIMETER OF THE GRATE.
- CLEAR AND GRUB STRIP ORGANIC SOILS. LOAM SHALL BE STRIPPED FROM THE SITE AS REQUIRED. THE SMALLEST PRACTICAL AREA SHALL BE EXPOSED AT ANY TIME AND SHALL NOT EXCEED ONE ACRE. UNSTABILIZED SOIL SHALL BE TEMPORARILY STABILIZED AS SOON AS PRACTICABLE BUT NO LATER THAN 45 DAYS AFTER INITIAL DISTURBANCE.
- STABILIZE STOCKPILES. SOIL STOCKPILES SHALL BE LOCATED AND PROTECTED TO MINIMIZE EROSION. INSTALL SILT FENCING AROUND THE BASE OF ALL STOCKPILES ON THE DOWNHILL SIDE.
- INSPECT AND MAINTAIN ALL EROSION CONTROL MEASURES. ALL PRACTICES ARE TO BE INSPECTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD ACCORDING TO RECOMMENDED SCHEDULED, BUT AT LEAST ONCE PER WEEK, AND DURING RAINFALL EVENTS IN WHICH 1/2 INCH OF PRECIPITATION OR MORE FALLS WITHIN A 24 HOUR PERIOD. THE BOTTOM OF SEDIMENT BASINS SHALL BE PERIODICALLY CLEANED, WITH SEDIMENT REMOVED TO A SECURE LOCATION. ALL DAMAGED SILT FENCES SHALL BE REPAIRED. SEDIMENT DEPOSITS SHALL BE PERIODICALLY REMOVED.
- GRADE AND GRAVEL AREAS TO BE PAVED. ROADWAYS AND PARKING LOTS SHALL BE GRADED, AND UNDERGROUND UTILITIES SHALL BE INSTALLED. GRAVEL SHALL BE INSTALLED AS SOON AS PRACTICAL. THESE AREAS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISH GRADE. ALL FILL MATERIAL SHALL BE FREE FROM STUMPS, ROOTS, WOOD, ETC.
- STABILIZE DISTURBED AREAS. BEGIN SEED AND MULCH OF ALL DISTURBED AREAS AS SOON AS PRACTICAL, BUT NO LATER THAN THREE DAYS AFTER FINAL GRADING. ALL CUT AND FILL SLOPES SHALL BE SEEDED AND MULCHED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE. A MINIMUM OF 6" OF LOAM SHALL BE INSTALLED, WITH SEED, LIME, AND FERTILIZER APPLIED.
- FINISH SURFACE. INSTALL FINISH SURFACE ON ROADWAYS AND PARKING LOTS.
- COMPLETE PERMANENT SEEDING AND LANDSCAPING. SPREAD LOAM AND STABILIZE PER PLANS AND SPECIFICATIONS.
- NO MORE THAN 5 ACRES SHALL BE DISTURBED (NOT STABILIZED) AT ANY TIME.
- AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
  - BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED;
  - A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
  - A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS BEEN INSTALLED; OR
  - EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- REMOVE TEMPORARY EROSION CONTROL MEASURES. AFTER CONSTRUCTION IS COMPLETED AND THE AREAS ARE STABILIZED (MINIMUM 85% VEGETATIVE COVER, BASE COURSE GRAVELS INSTALLED, 3" NON-EROSIVE MATERIAL INSTALLED, OR EROSION CONTROL BLANKET INSTALLED) IN THE DISTURBED AREAS, THE AREAS IN AND AROUND THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE CLEANED UP, WITH CARE BEING TAKEN NOT TO ALLOW THE ACCUMULATION OF SILT TO RUN INTO THE WETLANDS AND / OR PROTECTED AREAS. AFTER CLEAN-UP, THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AND THE AREA RETURNED AS NEAR AS POSSIBLE TO ITS NATURAL STATE.
- WINTER CONSTRUCTION NOTES:
  - ALL PROPOSED VEGETATED AREAS THAT DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 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 15, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
  - AFTER OCTOBER 15, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM 3" OF CRUSHED GRAVEL PER (NH DOT ITEM 304.3)
- MINIMUM REQUIREMENT: THE EROSION CONTROL MEASURES SHOWN ON THESE PLANS ARE THE MINIMUM NECESSARY DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ADEQUATE EROSION CONTROL PRACTICES ARE EMPLOYED TO PREVENT EROSION AND SEDIMENTATION TO ADJACENT PROPERTIES, ROADS, OR DRAINAGE SYSTEMS.
- THE TOWN OF HUDSON RESERVES THE RIGHT TO REQUIRE ANY ADDITIONAL EROSION CONTROL MEASURES AS NEEDED.
- THE PARTY RESPONSIBLE FOR EROSION CONTROL MEASURES DURING CONSTRUCTION SHALL BE THE CONTRACTOR PERFORMING THE WORK.

## DUST CONTROL NOTES

- STABILIZE SOILS AND ESTABLISH VEGETATION AS SOON AS POSSIBLE FOLLOWING EARTH DISTURBING ACTIVITIES.
- MOISTEN EXPOSED SOIL SURFACES AS NEEDED AT A RATE OF 300 GALLONS PER ACRE. AVOID EXCESSIVE WATER APPLICATION TO PREVENT RUNOFF AND PONDING.

1	Added notes 17 & 18	1/7/2025
No.	Revision	Date

Designed by: JRB Drawn by: BRC Checked by: DMF

Erosion Control Details  
Commercial Development  
Inside Out Painting and Remodeling  
100 Lowell Road  
Hudson, NH  
Assessors Map 198 Lot 147

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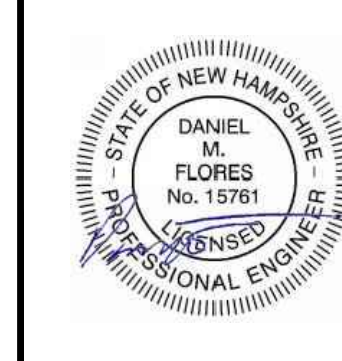
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Sheet 7 of 10 Scale: As Shown Date: 10/2/2024

Prepared for:  
100 Lowell Road LLC  
122 Lowell Road, Suite 3  
Hudson, NH 03501

Hudson Planning Board  
Approval

Zoning Classification: B - Business



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Drawing: 667710 Construction Details  
Layout: Erosion Control Details - 7

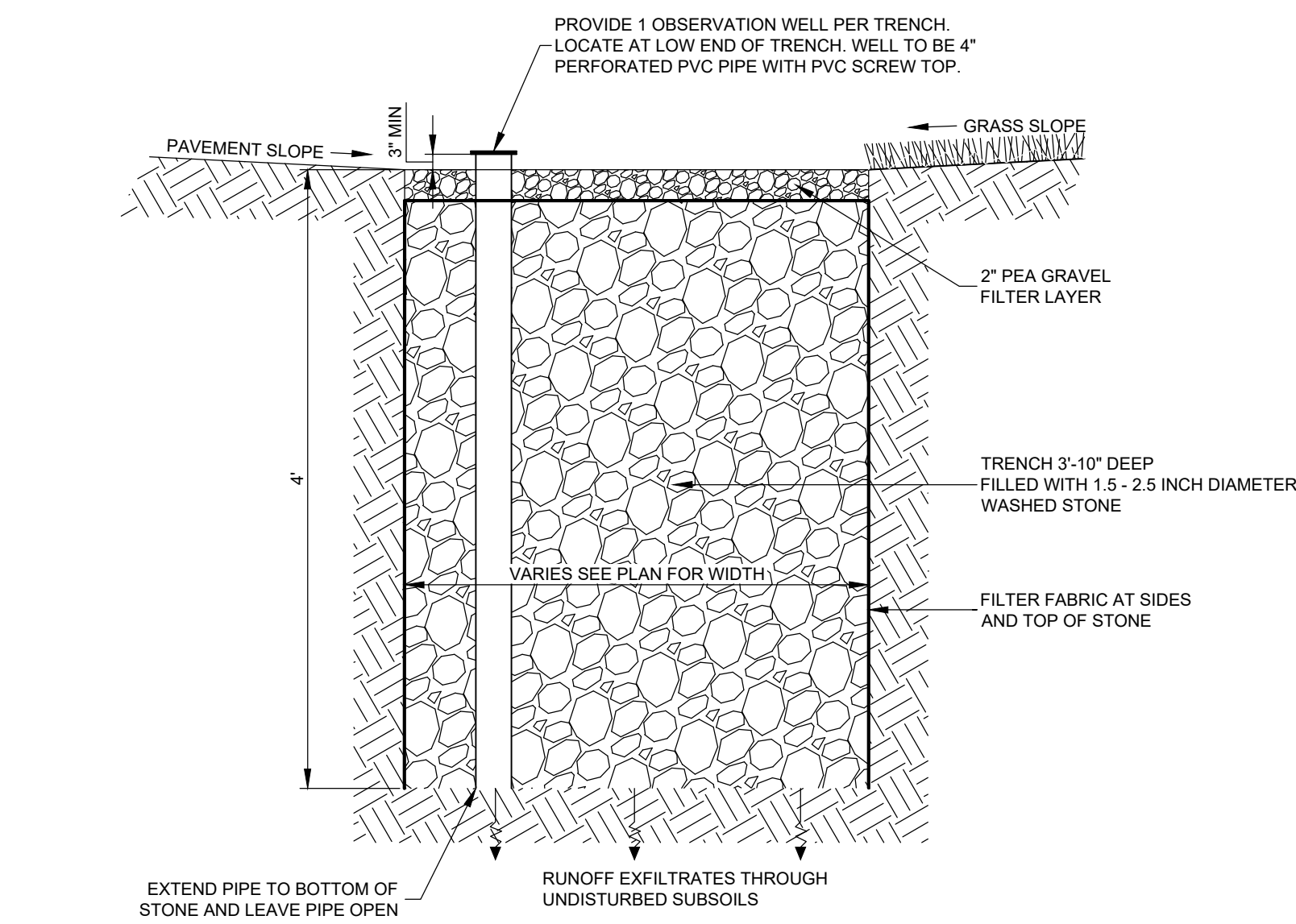


### BERM CONSTRUCTION CRITERIA

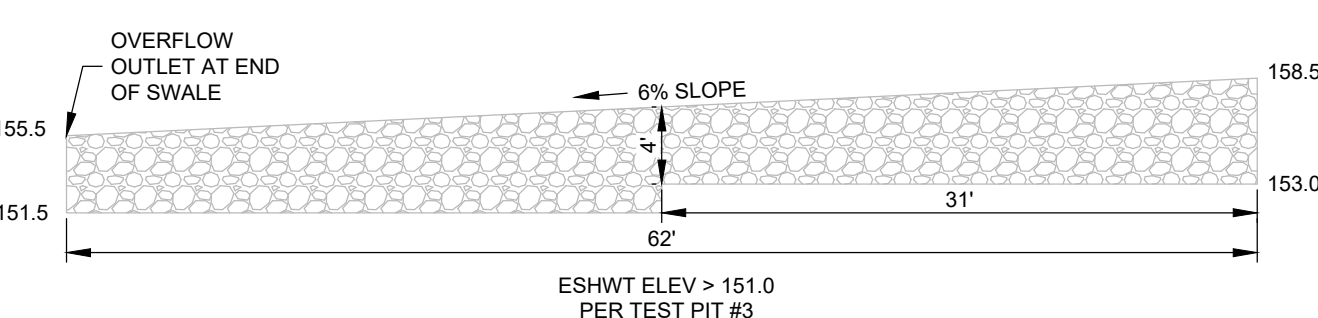
- FOUNDATION PREPARATION:**  
THE FOUNDATION AREA SHALL BE CLEARED OF TREES, LOGS, STUMPS, ROOTS, BRUSH, BOULDERS, SOD, AND RUBBISH. TO ESTABLISH VEGETATION, THE TOPSOIL AND SOD SHALL BE STOCKPILED AND SPREAD ON THE COMPLETED BERM AND SPILLWAYS. FOUNDATION SURFACES SHALL BE SLOPED NO STEEPER THAN 1:1. THE FOUNDATION AREA SHALL BE THOROUGHLY SCARIFIED BEFORE PLACEMENT OF THE MATERIAL. THE SURFACE SHALL HAVE MOISTURE ADDED OR IT SHALL BE COMPACTED IF NECESSARY SO THAT THE FIRST LAYER OF FILL MATERIAL CAN BE COMPACTED AND BONDED TO THE FOUNDATIONS. FOUNDATION AREAS SHALL BE KEPT FREE OF STANDING WATER WHEN FILL IS BEING PLACED ON THEM.
- FILL PLACEMENT:**  
THE MATERIAL PLACED IN THE FILL SHALL BE FREE OF DETRIMENTAL AMOUNTS OF SOD, ROOTS, FROZEN SOIL, STONES MORE THAN 6 INCHES IN DIAMETER (EXCEPT FOR ROCK FILLS), AND OTHER OBJECTIONABLE MATERIAL.  
  
THE PLACING AND SPREADING OF FILL MATERIAL SHALL BE STARTED AT THE LOWEST POINT OF THE FOUNDATION AND THE FILL BROUGHT UP IN HORIZONTAL LAYERS OF 8" MAXIMUM COURSES AND COMPACT TO 95% MODIFIED PROCTOR (ASTM D1557). THE FILL SHALL BE CONSTRUCTED IN CONTINUOUS HORIZONTAL LAYERS EXCEPT WHERE OPENINGS OR SECTIONALIZED FILLS ARE REQUIRED. IN THOSE CASES, THE SLOPE OF THE BONDING SURFACES BETWEEN THE EMBANKMENT IN PLACE AND THE EMBANKMENT TO BE PLACED SHALL NOT BE STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL. THE BONDING SURFACE SHALL BE TREATED THE SAME AS THAT SPECIFIED FOR THE FOUNDATION SO AS TO INSURE A GOOD BOND WITH THE NEW FILL.  
  
THE DISTRIBUTION AND GRADATION OF MATERIALS SHALL BE SUCH THAT NO LENSES, POCKETS, STREAKS, OR LAYERS OF MATERIAL DIFFER SUBSTANTIALLY IN TEXTURE OR GRADATION FROM THE SURROUNDING MATERIAL. IF IT IS NECESSARY TO USE MATERIALS OF VARYING TEXTURE AND GRADATION, THE MORE IMPERVIOUS MATERIAL SHALL BE PLACED IN THE CENTER AND UPSTREAM PARTS OF THE FILL. IF ZONED FILLS OF SUBSTANTIALLY DIFFERING MATERIALS ARE SPECIFIED, THE ZONES SHALL BE PLACED ACCORDING TO THE LINES AND GRADES SHOWN ON THE DRAWINGS. THE COMPLETE WORK SHALL CONFORM TO THE LINES, GRADES, AND ELEVATIONS SHOWN ON THE DRAWINGS OR AS STAKED IN THE FIELD.
- MOISTURE CONTROL:**  
THE MOISTURE CONTENT OF THE FILL MATERIAL SHALL BE ADEQUATE FOR OBTAINING 95% COMPACTION. MATERIAL THAT IS TOO WET SHALL BE DRIED TO MEET THIS REQUIREMENT, AND MATERIAL THAT IS TOO DRY SHALL HAVE WATER ADDED AND MIXED UNTIL THE REQUIREMENT IS MET.
- COMPACTION:**  
CONSTRUCTION EQUIPMENT SHALL BE OPERATED OVER THE AREAS OR EACH LAYER OF FILL TO INSURE THAT THE 95% COMPACTION IS OBTAINED. SPECIAL EQUIPMENT SHALL BE USED IF NEEDED TO OBTAIN THE REQUIRED COMPACTION. EACH LAYER OF FILL SHALL BE COMPACTED AS NECESSARY TO OBTAIN THAT DENSITY.
- PROTECTION:**  
A PROTECTIVE COVER OF VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SURFACES OF THE EMBANKMENT, SPILLWAY, AND BORROW AREA IF SOIL AND CLIMATIC CONDITIONS PERMIT. IF SOIL OR CLIMATIC CONDITIONS PRECLUDE THE USE OF VEGETATION AND PROTECTION IS NEEDED, NON-VEGETATIVE MEANS, SUCH AS MULCH OR GRAVEL, MAY BE USED. IN SOME PLACES, TEMPORARY VEGETATION MAY BE USED UNTIL CONDITIONS PERMIT ESTABLISHMENT OF PERMANENT VEGETATION.

### BERM MAINTENANCE

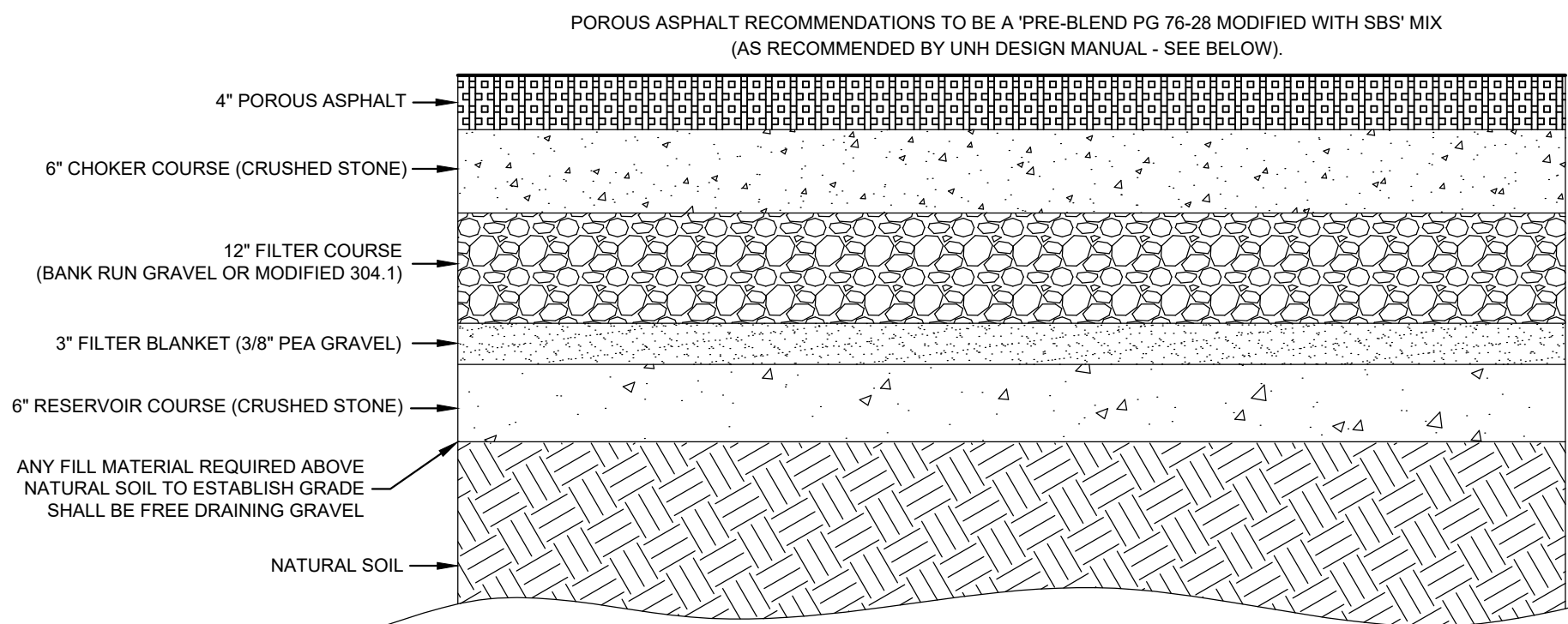
- BERM** - THE BERM SHALL BE INSPECTED ANNUALLY TO DETERMINE IF RODENT BURROWS, WET AREAS, OR EROSION OF THE FILL IS TAKING PLACE.
- VEGETATION** - THE VEGETATED AREAS OF THE STRUCTURE SHALL BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED GROWTH. LIME AND FERTILIZER SHALL BE APPLIED AS NECESSARY AS DETERMINED BY SOIL TESTS. TREES AND SHRUBS SHALL BE KEPT OFF THE EMBANKMENT AREAS.
- INLETS** - INLETS SHALL BE INSPECTED ANNUALLY AND AFTER EVERY MAJOR STORM. ACCUMULATED DEBRIS AND SEDIMENT SHALL BE REMOVED.
- OUTLETS** - OUTLETS SHALL BE INSPECTED ANNUALLY AND AFTER EVERY MAJOR STORM. THE CONDITION OF THE OUTLET SHALL BE NOTED AND REPAIRS MADE AS NECESSARY. IF EROSION IS TAKING PLACE THEN MEASURES SHALL BE TAKEN TO STABILIZE AND PROTECT THE AFFECTED AREA OF THE OUTLET.
- SEDIMENT** - SEDIMENT SHALL BE CONTINUALLY CHECKED IN THE BASIN. ANY SEDIMENT THAT ACCUMULATES IN FRONT OF THE INLET SHALL BE REMOVED AND PROPERLY DISPOSED OF.



**INFILTRATION TRENCH CROSS SECTION**  
NOT TO SCALE



**INFILTRATION TRENCH P1 PROFILE**  
NOT TO SCALE



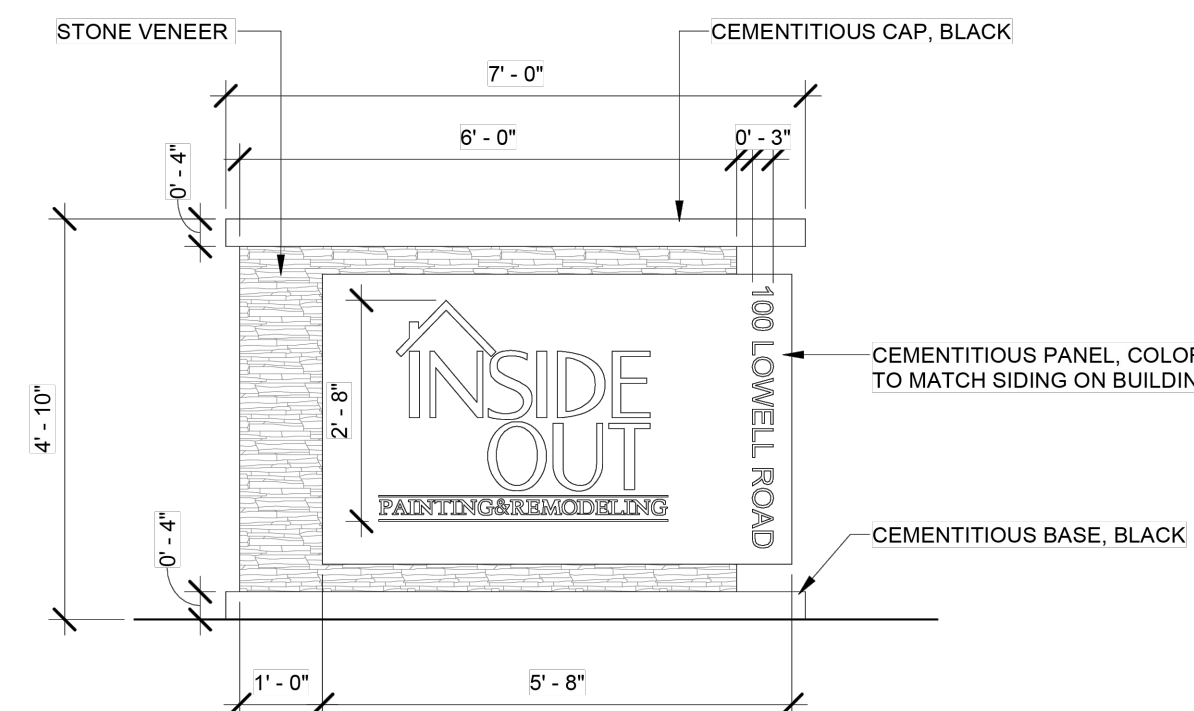
SEE UNHSC DESIGN SPECIFICATIONS FOR POROUS ASPHALT PAVEMENT AND INFILTRATION BEDS AT: <http://www.unh.edu/unhsc/sites/unh.edu/unhsc/files/UNHSC%20PA%20Spec%20update-%20FEB-2014.pdf>

#### NOTES:

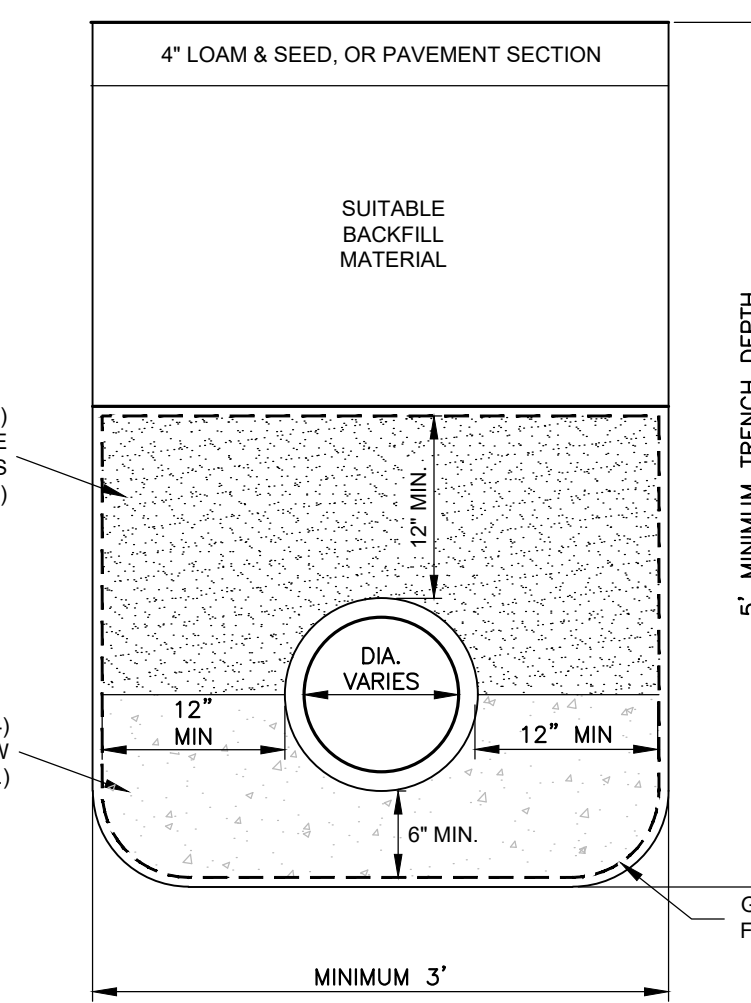
- NO WINTER SANDING OF POROUS PAVEMENTS IS PERMITTED.
- MINIMIZE APPLICATION OF SALT FOR ICE CONTROL.
- NEVER RESEAL OR REPAVE WITH IMPERMEABLE MATERIALS.
- INSPECT ANNUALLY FOR PAVEMENT DETERIORATION OR SPALLING.
- CLEAN PERIODICALLY (2-4 TIMES PER YEAR) USING A VACUUM SWEEPER.

### POROUS PAVEMENT DETAIL

NOT TO SCALE



**PROPOSED SIGN DETAIL**  
NOT TO SCALE



**DRAIN TRENCH WITH LESS THAN FOUR FEET COVER**  
NOT TO SCALE

#### SOIL DATA

TP# 1	8/29/2024
4"	10YR 2/3 SANDY LOAM MOIST, MASSIVE LOOSE
0-4"	
32"	2.5Y 6/4 MEDIUM SAND MOIST, SINGLE GRAIN LOOSE
4-36"	
54"	2.5Y 6/3 MEDIUM TO COARSE GRAVELY SAND, SINGLE GRAIN LOOSE
36-90"	
ESHWT:	>30"
OBS. WATER:	N/O
REFUSAL:	N/O
ROOTS:	6"
%STONE/BOULDERS:	0/0
RESTRICTIVE LAYER:	N/O

#### SOIL DATA

TP# 2	8/29/2024
4"	10YR 4/3 SANDY LOAM MOIST, MASSIVE LOOSE
0-4"	
32"	2.5Y 6/4 LOAMY SAND MOIST, SINGLE GRAIN LOOSE
4-36"	
48"	2.5Y 6/3 MEDIUM TO COARSE GRAVELY SAND, SINGLE GRAIN LOOSE
36-84"	
ESHWT:	>84"
OBS. WATER:	N/O
REFUSAL:	N/O
ROOTS:	10"
%STONE/BOULDERS:	0/0
RESTRICTIVE LAYER:	N/O

#### SOIL DATA

TP# 3	8/29/2024
4"	10YR 4/3 SANDY LOAM MOIST, MASSIVE LOOSE
0-4"	
80"	2.5Y 4/4 LOAMY SAND MOIST, SINGLE GRAIN VERY FRAGILE, MIX FILL WITH BROKEN CONCRETE OG BETWEEN 36-42"
4-84"	
ESHWT:	>84"
OBS. WATER:	N/O
REFUSAL:	N/O
ROOTS:	42"
%STONE/BOULDERS:	0/0
RESTRICTIVE LAYER:	N/O

### TEST PIT LOGS

1	Addressed F&O Comments	1/7/2025
No.	Revision	Date
Designed by: JRB	Drawn by: BRC	Checked by: DMF

Construction Details  
**Commercial Development**  
**Inside Out Painting and Remodeling**  
**100 Lowell Road**  
**Hudson, NH**  
 Assessors Map 198 Lot 147

**SFC ENGINEERING**

Windham, New Hampshire  
 Portland, Maine

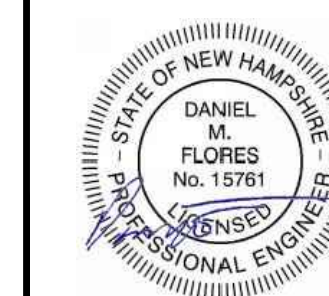
(603) 647-8700  
 www.sfeng.com

Sheet 8 of 10 Scale: As Shown Date: 10/2/2024

Prepared for:  
 100 Lowell Road LLC  
 122 Lowell Road, Suite 3  
 Hudson, NH 03501

Hudson Planning Board  
 Approval

Zoning Classification: B - Business



APPROVED BY HUDSON, NH PLANNING BOARD

DATE OF MEETING: \_\_\_\_\_

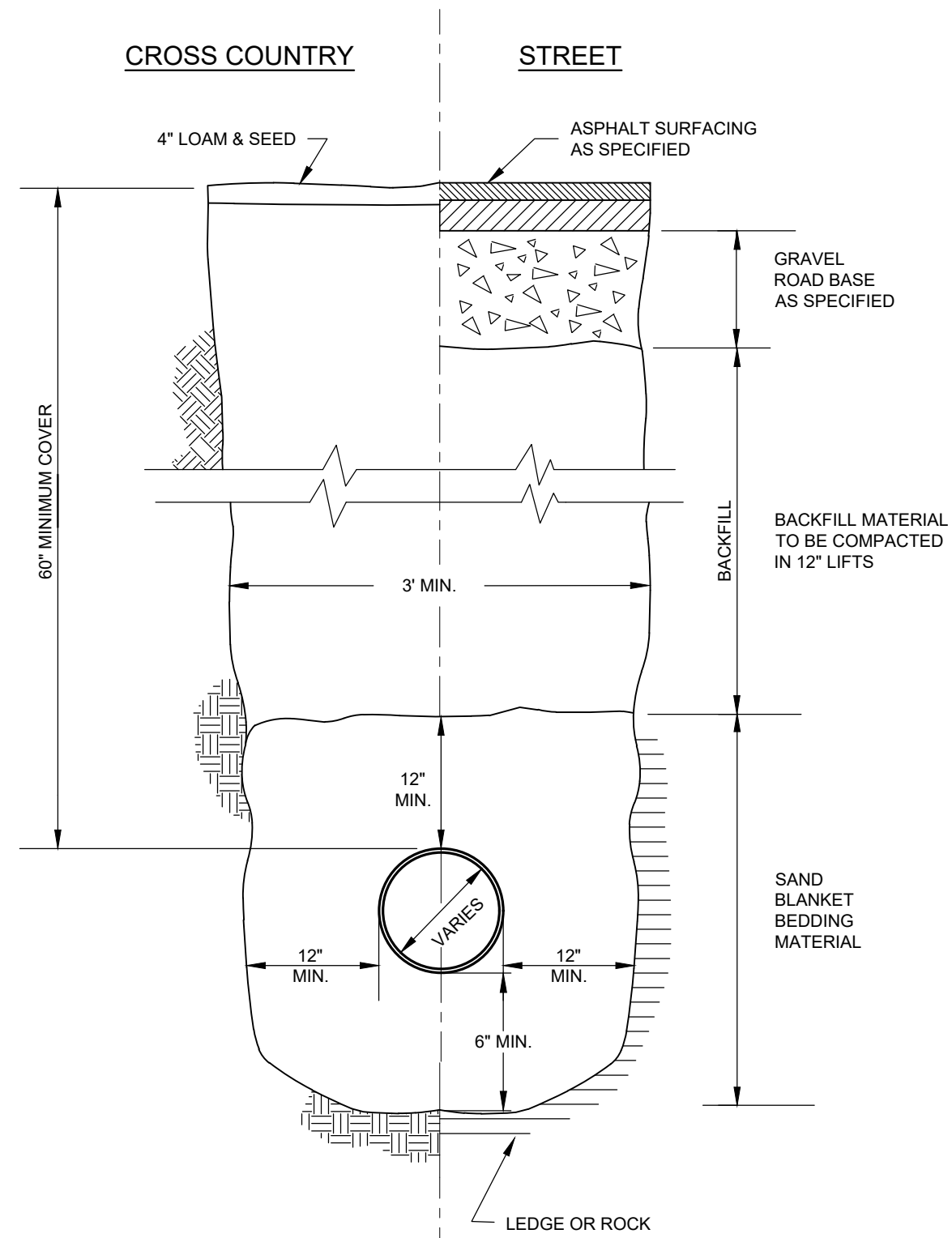
SIGNATURE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

SIGNATURE DATE: \_\_\_\_\_ SIGNATURE DATE: \_\_\_\_\_

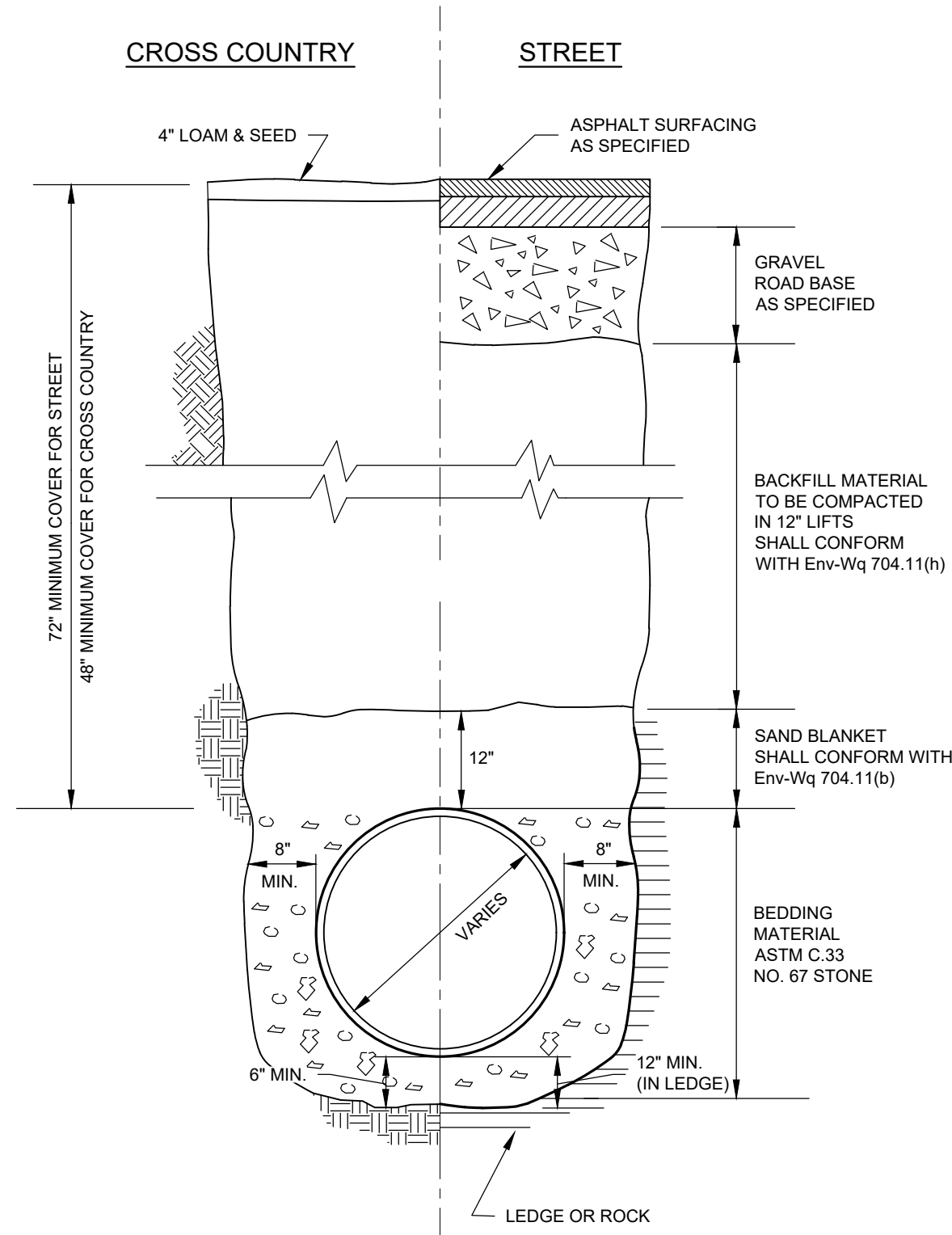
PURSUANT TO THE SITE REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

SITE PLANS ARE VALID FOR TWO YEARS FROM THE DATE OF PLANNING BOARD MEETING DATE AT WHICH THE PLAN RECEIVES FINAL APPROVAL.

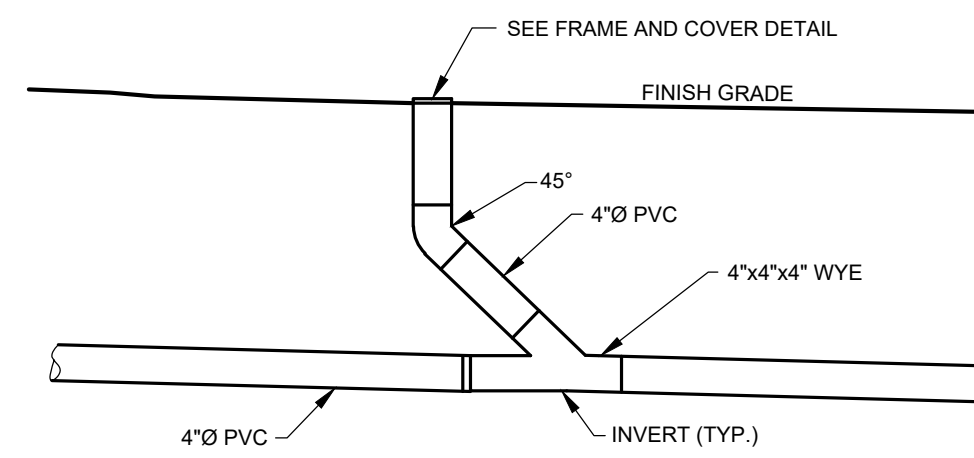




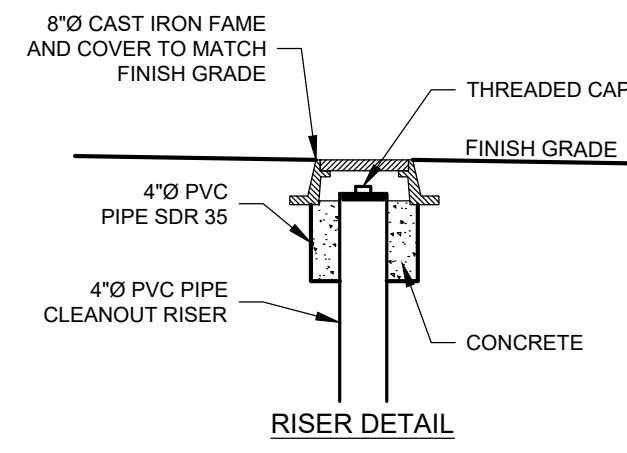
**TYPICAL TRENCH SECTION FOR WATER SERVICE**  
NOT TO SCALE



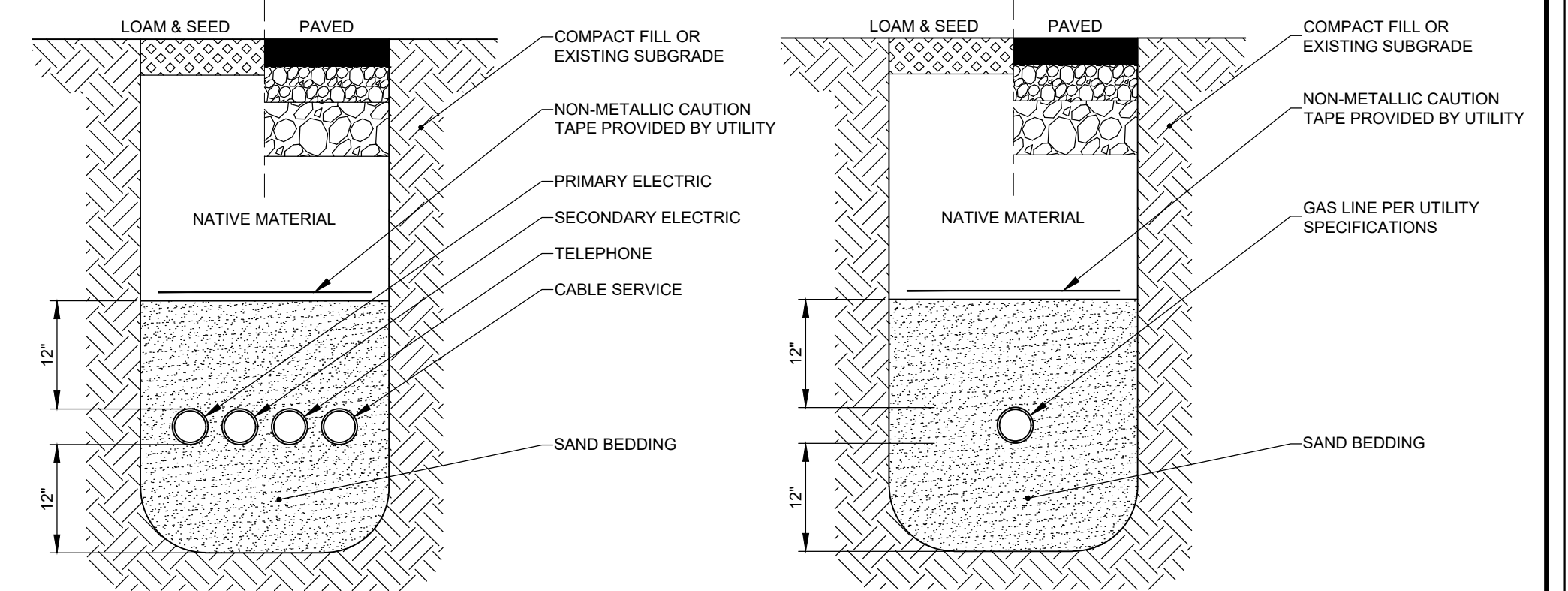
**TYPICAL TRENCH SECTION FOR SANITARY SEWER SERVICE**  
NOT TO SCALE



**SEWER CLEANOUT**  
NOT TO SCALE



**CLEANOUT FRAME & COVER DETAIL**  
NOT TO SCALE



- NOTES:**
1. ALL FILL MATERIAL TO BE PLACED IN LIFTS NO GREATER THAN 12 INCHES.
  2. ALL FILL MATERIAL TO BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY.
  3. MINIMUM COVER OF THREE FEET IS REQUIRED FOR ALL CONDUIT PIPES, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER.
  4. CONDUIT SIZE, MATERIAL, AND INSTALLATION TO MEET UTILITY COMPANIES STANDARD SPECIFICATIONS.
  5. MINIMUM TRENCH WIDTH SHALL ALLOW FOR A MINIMUM OF 6 INCH CLEARANCE FROM TRENCH SIDE WALLS.

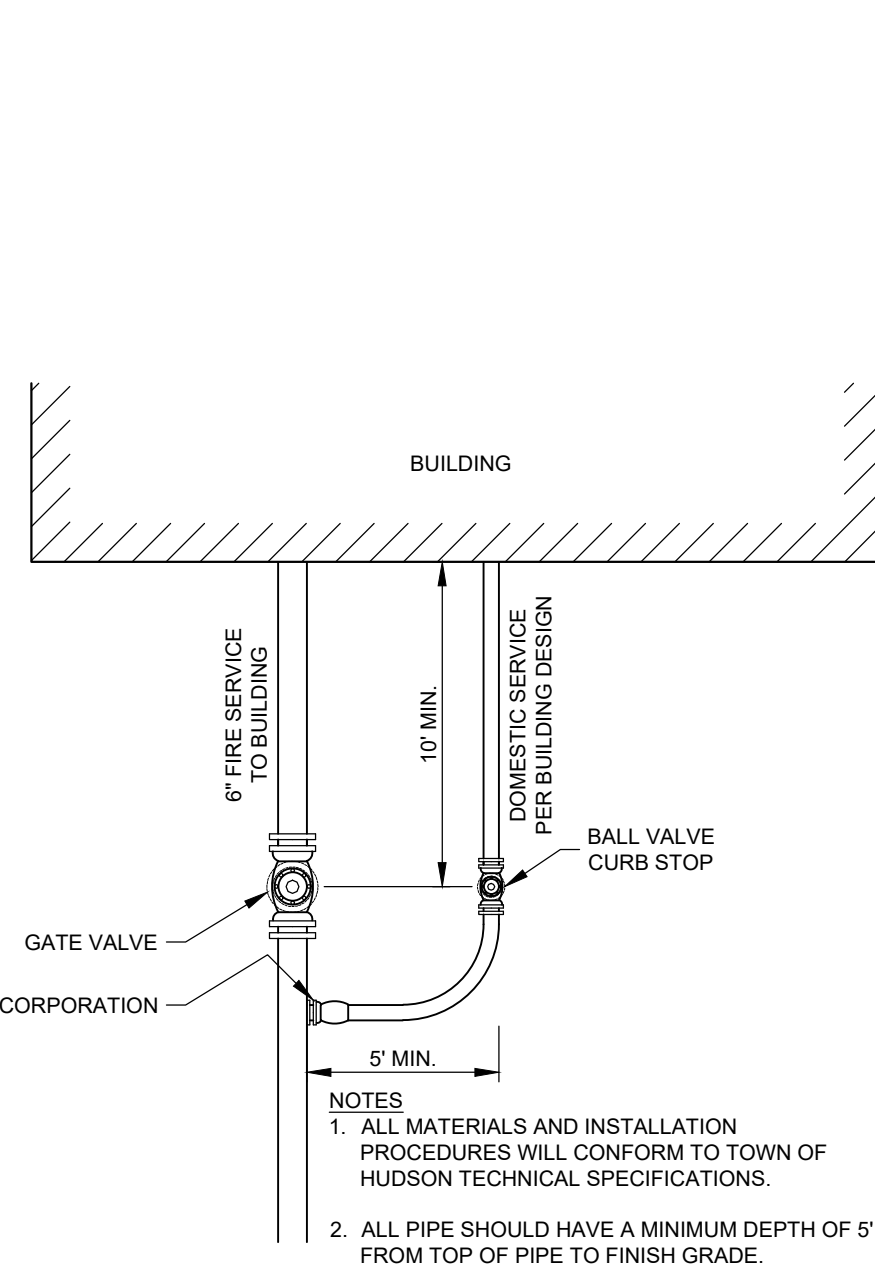
**UTILITY TRENCH**  
NOT TO SCALE

- NOTES:**
1. ALL FILL MATERIAL TO BE PLACED IN LIFTS NO GREATER THAN 12 INCHES.
  2. ALL FILL MATERIAL TO BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY.
  3. MINIMUM COVER OF 30\"/>

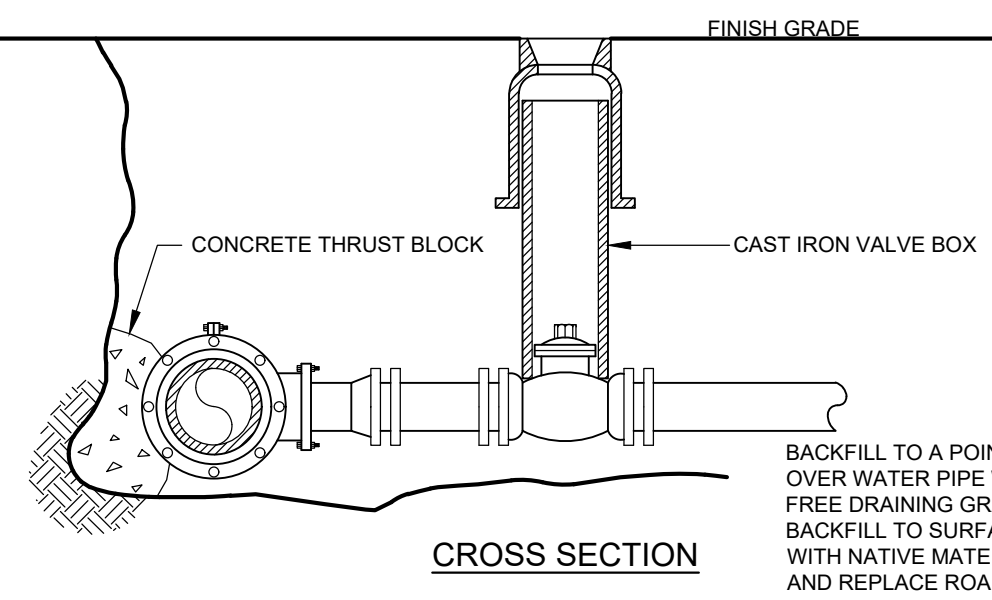
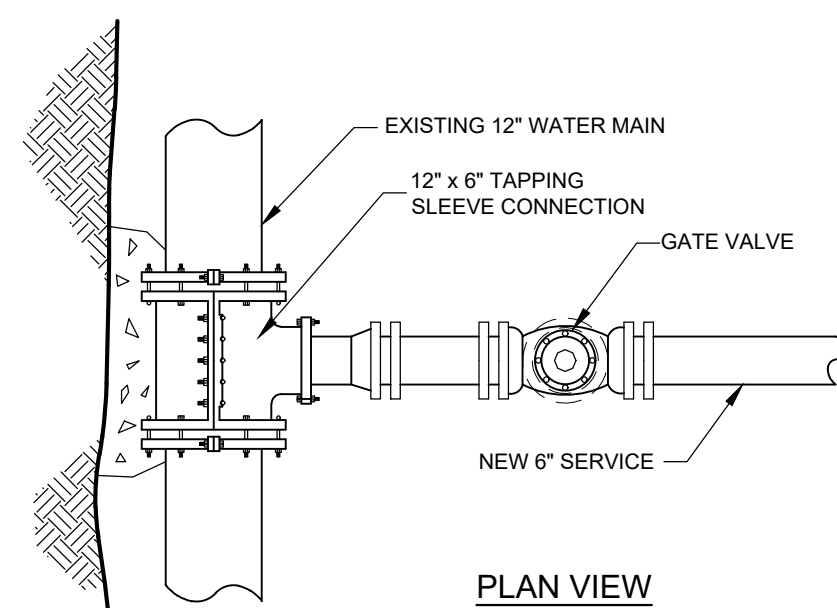
**GAS TRENCH**  
NOT TO SCALE

**TRACE WIRE NOTES:**

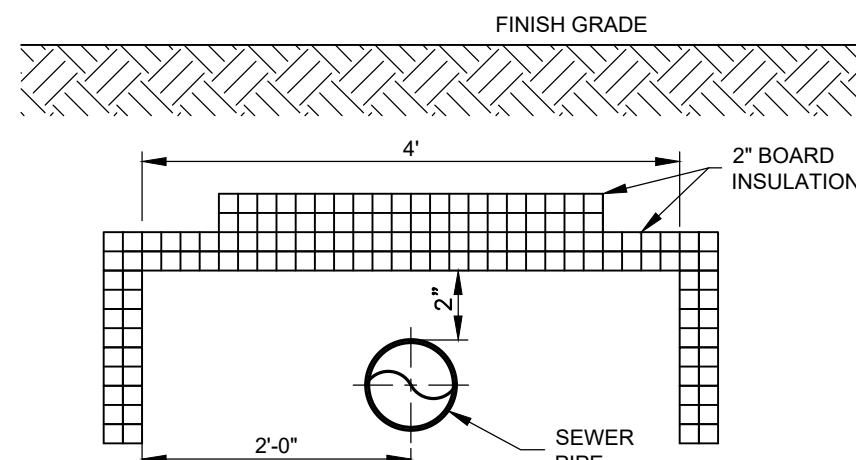
THE TRACER WIRE SHALL BE INSTALLED ON TOP OF THE BURIED UTILITY CROWN. THE TRACER WIRE SHALL BE POSITIVELY ATTACHED TO THE NON-METALLIC BURIED UTILITIES BY PLASTIC WIRE TIES OR SIMILAR TYPE OF ATTACHMENT EVERY 10 FEET FOR STRAIGHT RUN OF UTILITY AND AT ALL CHANGES OF DIRECTION. IF TAPE IS USED IT SHALL BE POLYKEN \"930-35\", PROTECTO-WRAP \"310\", OR EQUAL. THE TERMINATION ENDS OF THE TRACER WIRE SHALL BE GROUNDED WITH 7 LB. OR LARGER ANODE BAGS WITH THE CONNECTORS HEREIN SPECIFIED. INSTALL APPROVED CAST IRON VALVE BOXES AT ALL LOCATIONS WHERE THE ENDS OF THE TRACER WIRE ARE EXPOSED ABOVE THE FINISHED GRADE. THE BOXES SHALL CONTAIN A 24\"/>



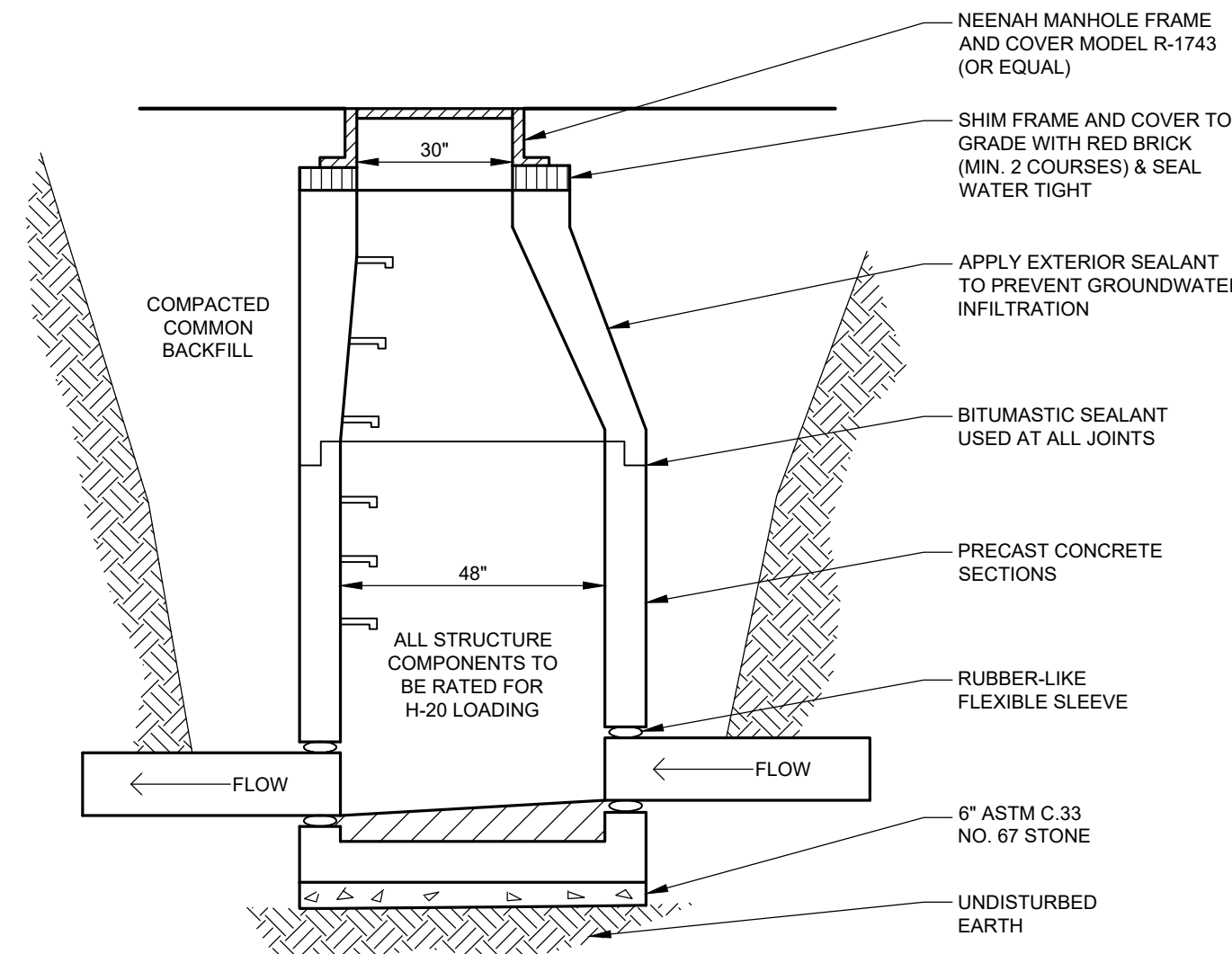
**BUILDING WATER SERVICE**  
NOT TO SCALE



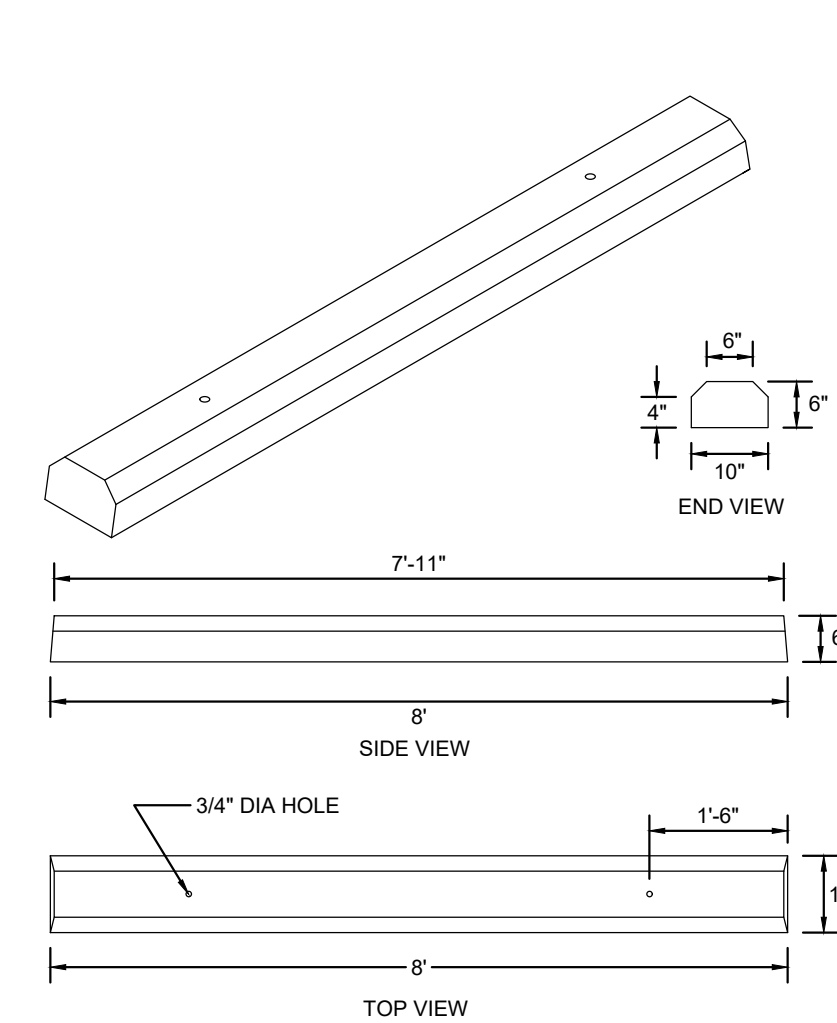
**TAPPING SLEEVE AND GATE VALVE DETAIL**  
NOT TO SCALE



**SEWER INSULATION DETAIL FOR LESS THAN 4'-0\"/>**



**SEWER MANHOLE CROSS SECTION**  
NOT TO SCALE



**CONCRETE CURB STOP**  
NOT TO SCALE

2	Addressed F&O Comments	3/5/2025
1	Addressed F&O Comments	1/7/2025
No.	Revision	Date
Designed by: JRB		Drawn by: BRC
		Checked by: DMF

Construction Details  
**Commercial Development**  
**Inside Out Painting and Remodeling**  
100 Lowell Road  
Hudson, NH  
Assessors Map 198 Lot 147

**SFC ENGINEERING**

Windham, New Hampshire  
Portland, Maine

(603) 647-8700  
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Sheet 9 of 10      Scale: As Shown      Date: 10/2/2024

Prepared for:  
100 Lowell Road LLC  
122 Lowell Road, Suite 3  
Hudson, NH 03501

Hudson Planning Board  
Approval

Zoning Classification: B - Business

Drawing name: K:\667710 Inside Out Painting - 100 Lowell Rd Hudson NH - HamiltonAutoCAD\Final\667710 Construction Details.dwg

APPROVED BY HUDSON, NH  
PLANNING BOARD

DATE OF MEETING: \_\_\_\_\_

SIGNATURE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

SIGNATURE DATE: \_\_\_\_\_ SIGNATURE DATE: \_\_\_\_\_

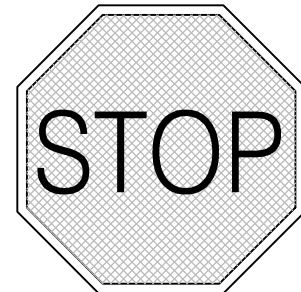
PURSUANT TO THE  
REGULATIONS OF  
THE HUDSON  
PLANNING BOARD,  
THE SITE PLAN  
APPROVAL  
GRANTED HEREIN  
EXPIRES ONE YEAR  
FROM DATE OF  
APPROVAL.

SITE PLANS ARE VALID FOR TWO YEARS FROM THE DATE OF PLANNING BOARD MEETING DATE AT WHICH THE PLAN RECEIVES FINAL APPROVAL.





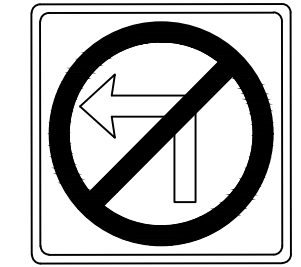
R7-8  
12" X 18"



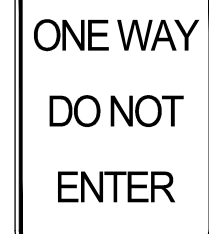
R1-1  
30" X 30"



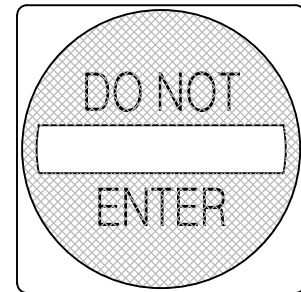
R7-8A  
12" X 6"



R3-2  
24" X 24"



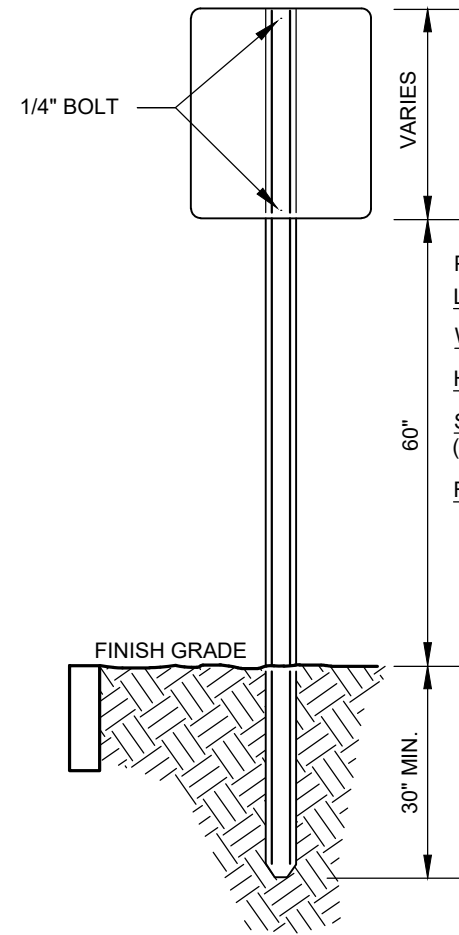
R6-2A  
12" X 18"



R5-1  
30" X 30"



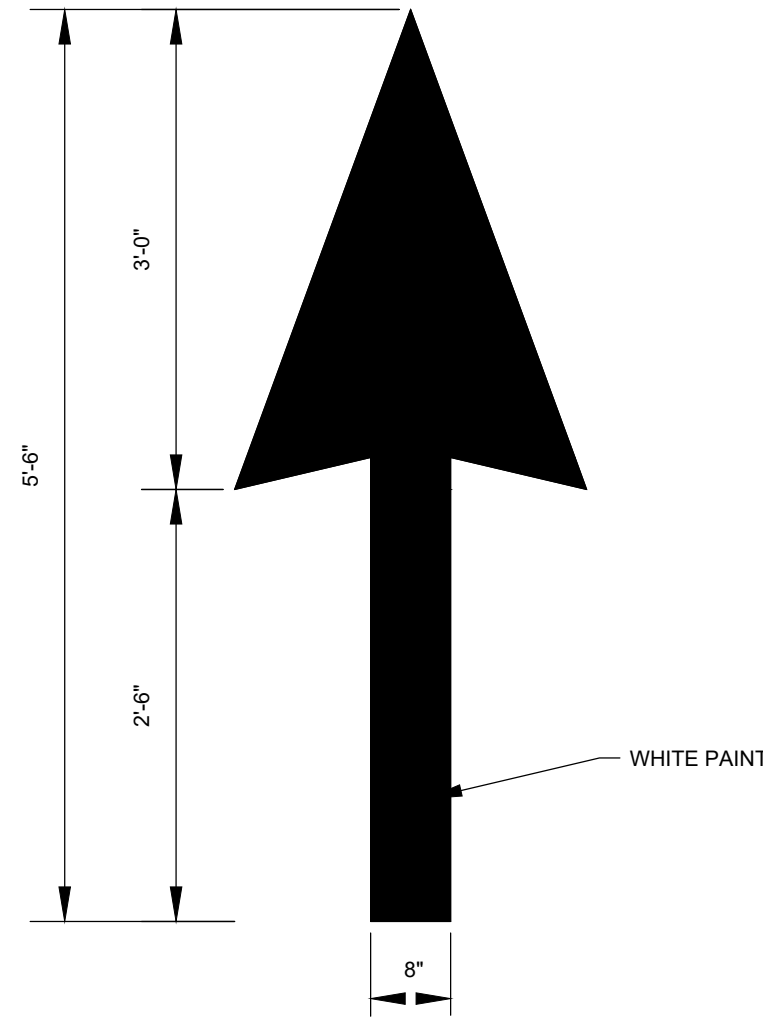
R3-5R  
18" X 24"



POST REQUIREMENTS:  
LENGTH: P-12, 12'-0"; P-14, 14'-0"; P-16, 16'-0".  
WEIGHT PER LINEAR FOOT: 2.50 LBS. (MIN.)  
HOLES: 3/8" DIA. 1' C-C FULL LENGTH  
STEEL: SHALL CONFORM TO ASTM A-499 (GRADE 80) OR ASTM A-576 (GRADE 1070-1080).  
FINISH: SHALL BE PAINTED WITH TWO COATS OF AN APPROVED MEDIUM GREEN, BAKED ON OR AIR DRIED, PAINT OF WEATHER RESISTANT QUALITY. ALL FABRICATION SHALL BE COMPLETE BEFORE PAINTING.

### SIGN INSTALLATION DETAIL

NOT TO SCALE

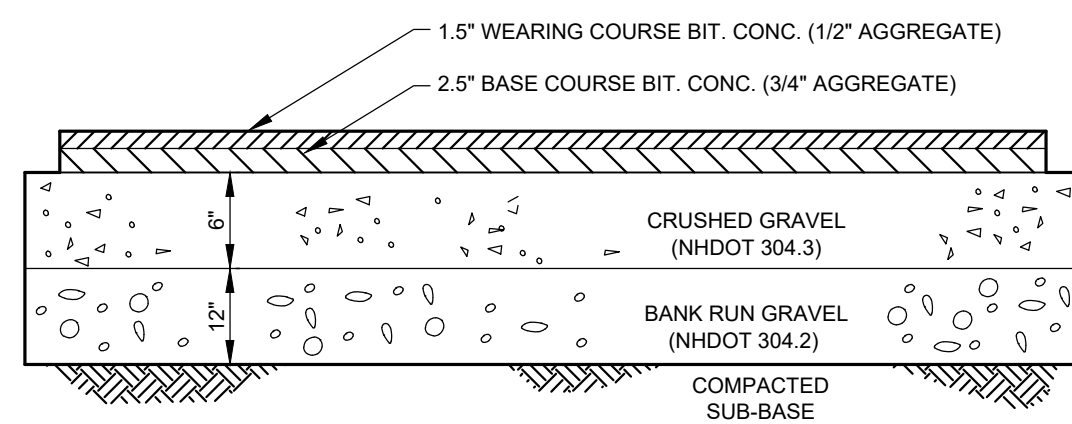


### GENERAL NOTES:

- ALL WORDS AND SYMBOLS SHALL BE RETROREFLECTIVE WHITE AND SHALL CONFORM TO THE LATEST VERSION OF THE MUTCD.
- MULTI-WORD MESSAGES SHALL READ "UP". THAT IS THE FIRST WORD SHALL BE NEAREST THE APPROACHING DRIVER.
- THE WORD "ONLY" SHALL NOT BE USED WITH THROUGH OR COMBINATION ARROWS, AND SHALL NOT BE USED ADJACENT TO A BROKEN LANE LINE. A WORD/SYMBOL SHALL PRECEED THE WORD "ONLY".
- COMBINATION ARROWS MAY BE COMPRISED OF 2 SINGLE ARROWS (e.g. TURN AND THROUGH ARROWS), HOWEVER, THE SHAFTS OF THE ARROWS SHALL COINCIDE AS SHOWN.
- PREFORMED WORDS AND SYMBOLS SHALL BE PRE-CUT BY THE MANUFACTURER.
- WRONG-WAY ARROWS SHALL NOT BE SUBSTITUTED FOR THROUGH ARROWS.

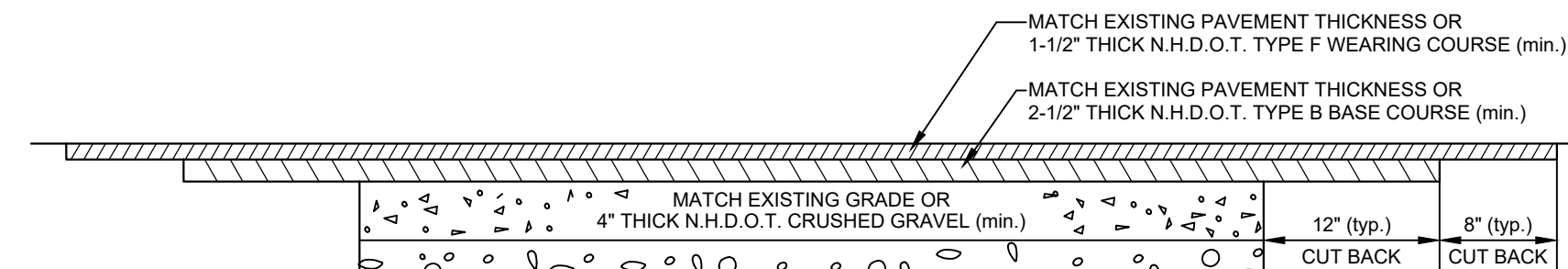
### THROUGH (STRAIGHT) ARROW

NOT TO SCALE



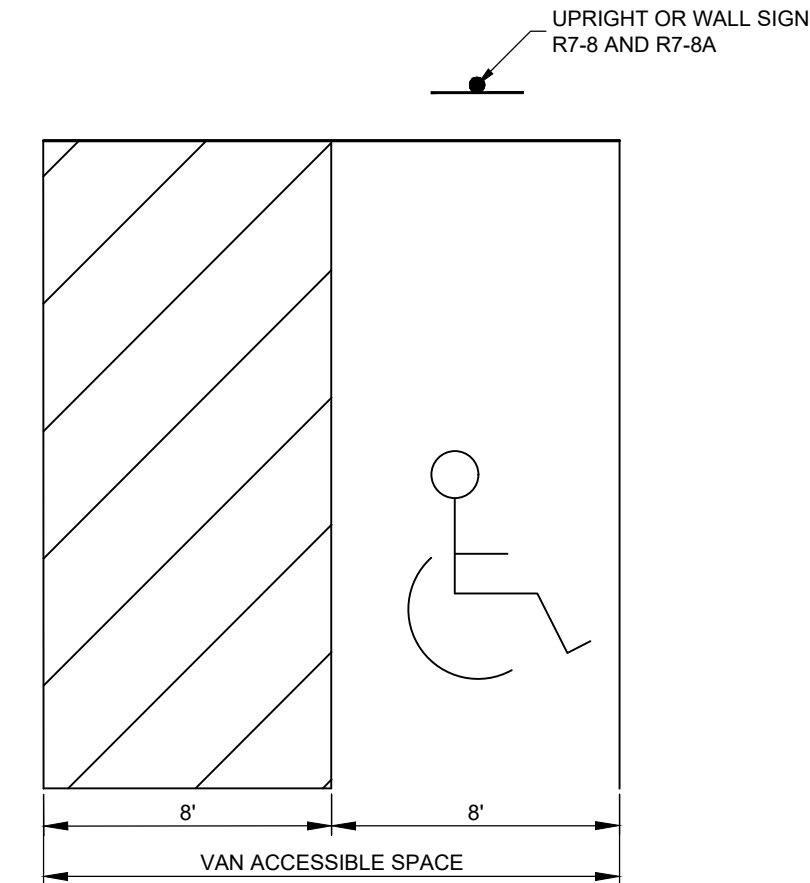
### STANDARD PAVEMENT DETAIL

NOT TO SCALE



### PAVEMENT REPAIR DETAIL

NOT TO SCALE

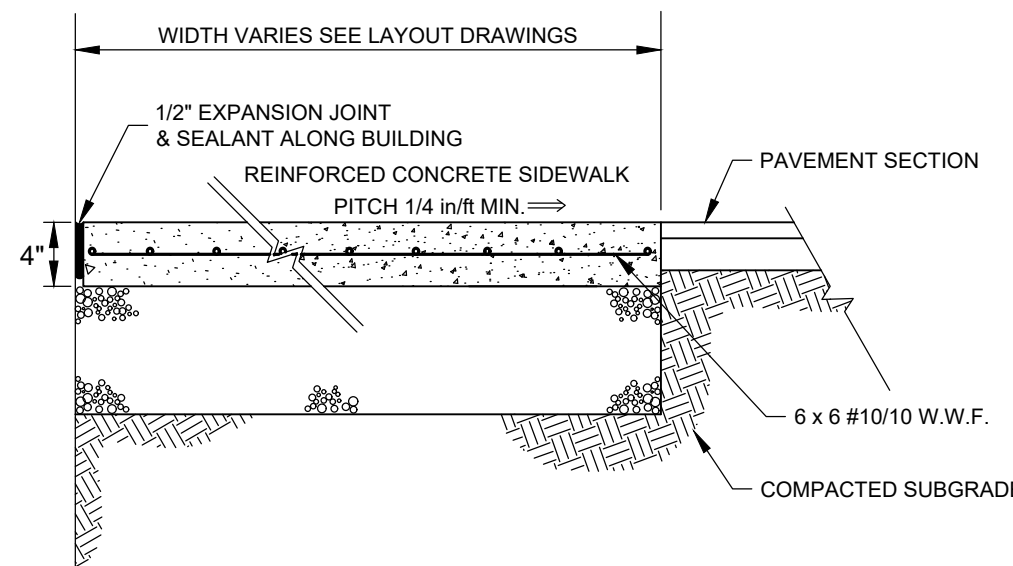


### NOTES:

- ALL DIMENSIONS TO CENTER OF STRIPING.
- ALL STRIPING SHALL BE 4" SOLID YELLOW OR WHITE PAVEMENT MARKING PAINT.
- ONE IN EVERY SIX ACCESSIBLE SPACES, BUT NOT LESS THAN ONE, SHALL BE "VAN ACCESSIBLE".
- SEE SITE DEVELOPMENT PLAN FOR LOCATION AND CONFIGURATION OF ACCESSIBLE SPACES.
- MAXIMUM 2% SLOPE SHALL BE MAINTAINED ACROSS ENTIRE ACCESSIBLE AREA.

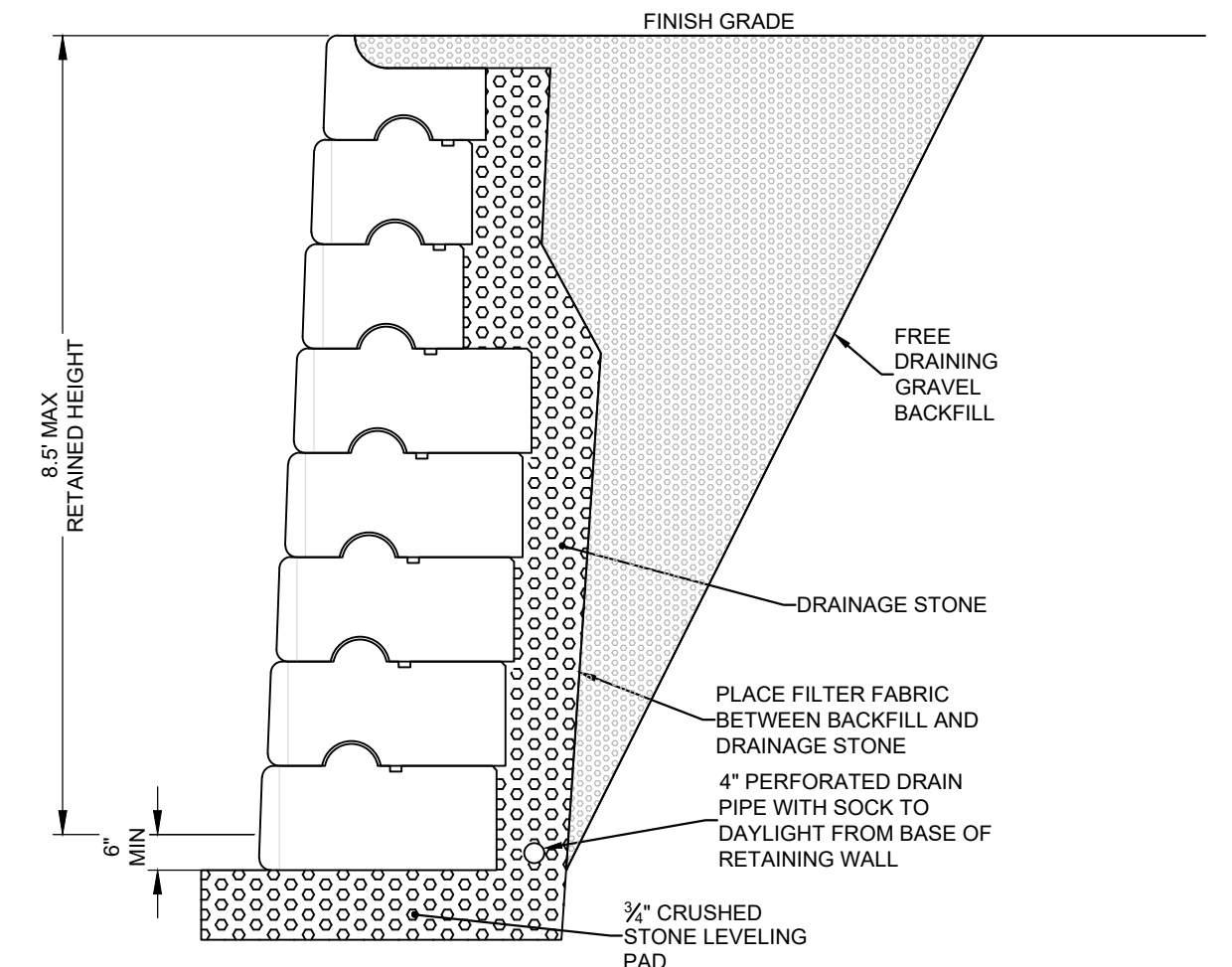
### ACCESSIBLE PARKING SPACE

NOT TO SCALE



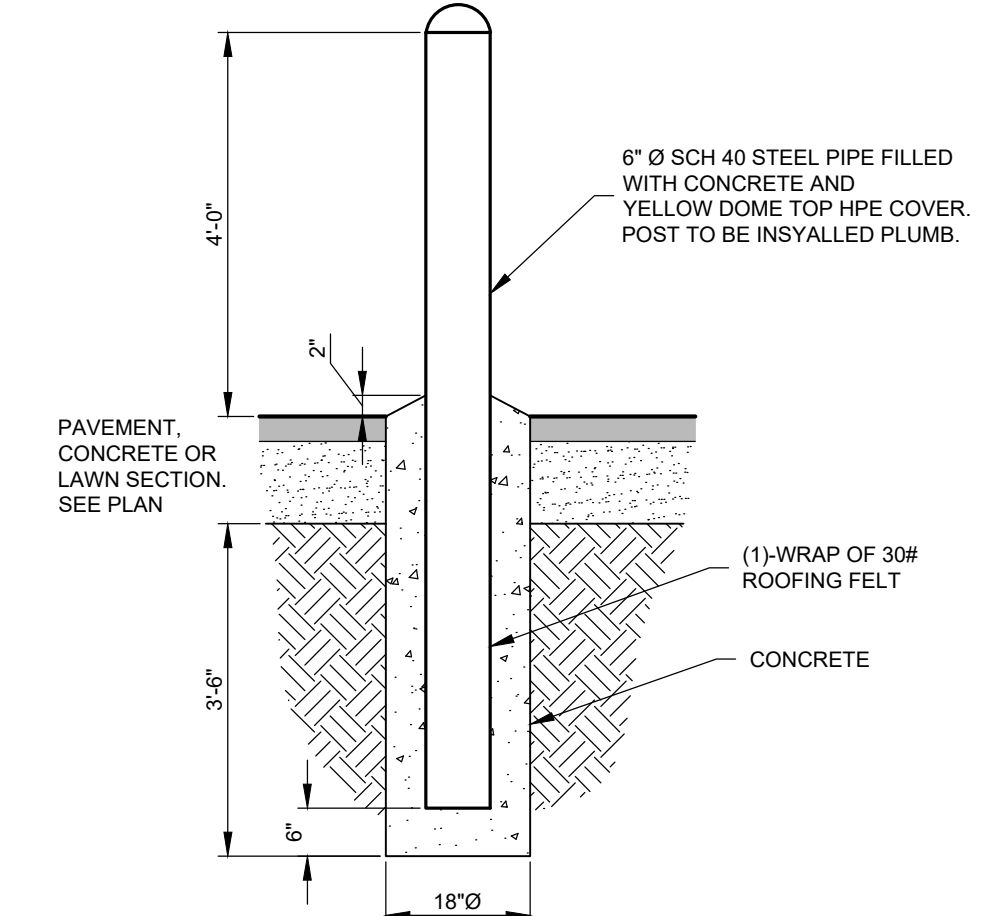
### SIDEWALK DETAIL

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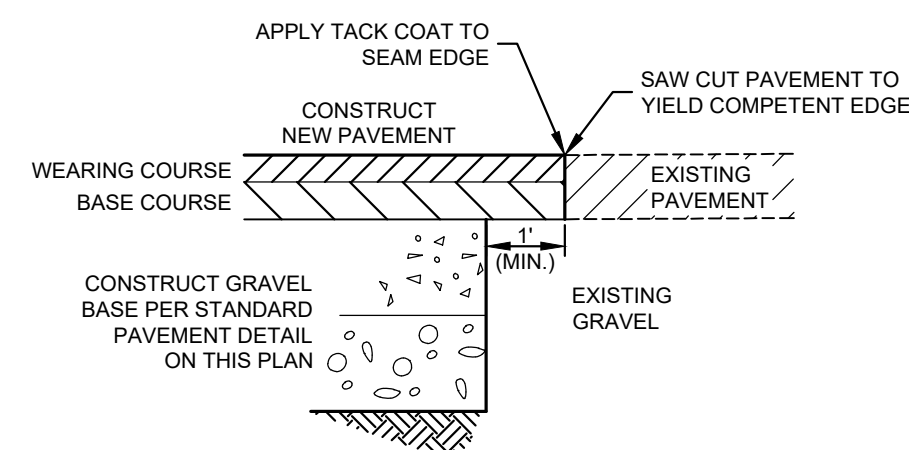
### TYPICAL RETAINING WALL SECTION

NOT TO SCALE



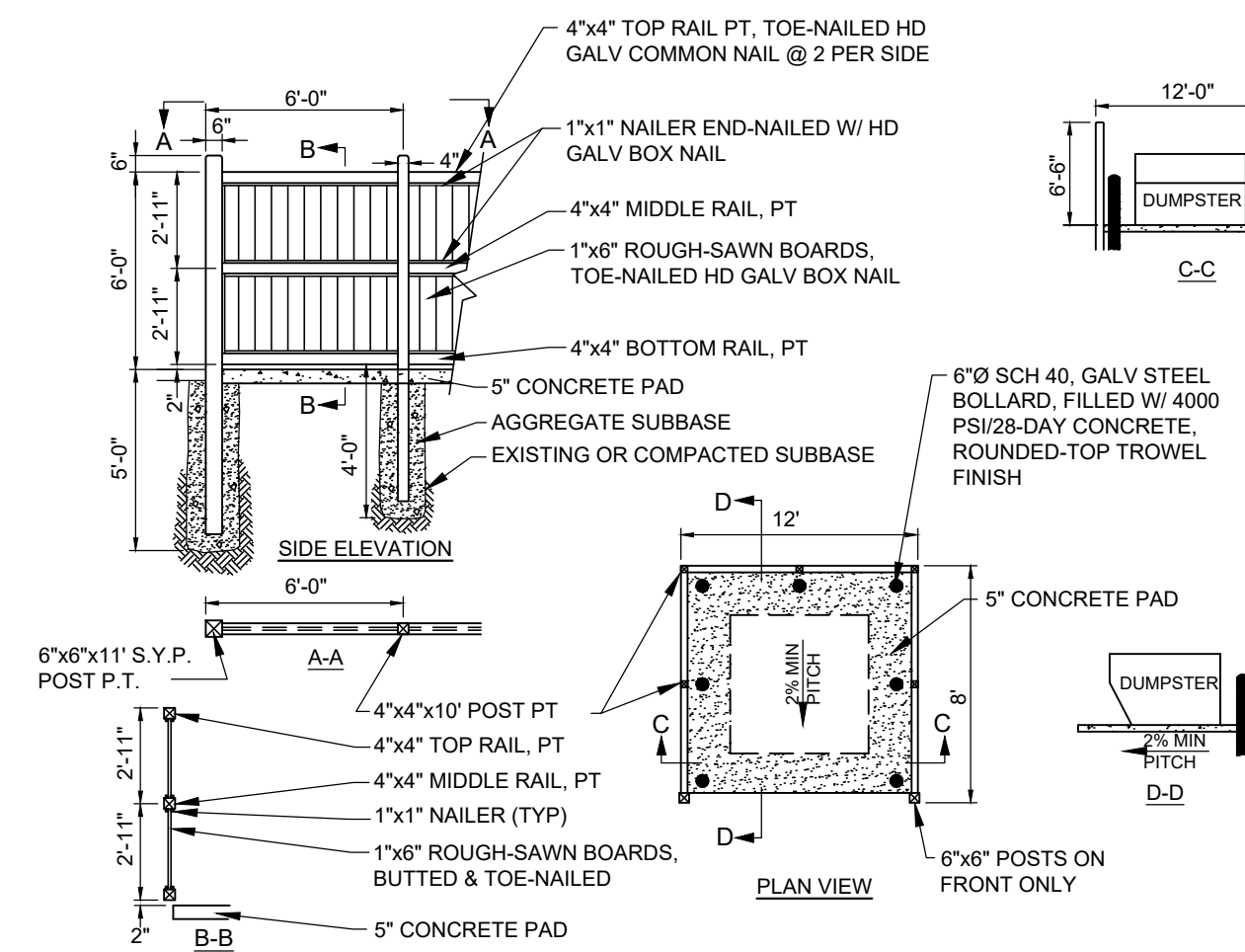
### BOLLARD

NOT TO SCALE



### PAVEMENT SAWCUT JOINT DETAIL

NOT TO SCALE



### DUMPSTER PAD AND ENCLOSURE

NOT TO SCALE

No.	Revision	Date

Designed by: JRB Drawn by: BRC Checked by: DMF

Construction Details  
**Commercial Development**  
**Inside Out Painting and Remodeling**  
 100 Lowell Road  
 Hudson, NH  
 Assessors Map 198 Lot 147



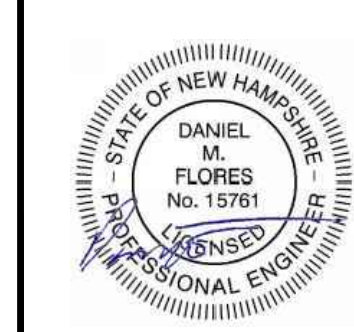
Windham, New Hampshire  
Portland, Maine

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Sheet 10 of 10

Scale: As Shown

Date: 1/7/2025



Prepared for:  
 100 Lowell Road LLC  
 122 Lowell Road, Suite 3  
 Hudson, NH 03501

Hudson Planning Board Approval

Zoning Classification: B - Business

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Drawing: 667710 Construction Details  
Layout: Construction Details - 10

Vertical text on the left edge: Drawing name: K:\667710 Inside Out Painting - 100 Lowell Rd Hudson NH - HamiltonAutoCAD\firm\667710 Construction Details.dwg