Site Plans

Issued for Site Plan Review

Date Issued November 18, 2025

Latest Issue November 18, 2025

Concord Coach
Temporary
Parking Expansion

Owner

Storrs Street

Concord, NH 03301

City of Concord 41 Green Street Concord, New Hampshire 03301

Applicant

Concord Coach Lines
7 Langdon Avenue
Concord, NH 03301

Assessor's Map: 6414/Z

Lot: 92



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Civil Engineer/Surveyor/Wetland Scientist

VHB
2 Bedford Farms Drive
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Legend					
Exist.	Prop.		Exist.	Prop.	
		DDODEDTYLINE		The state of the s	CONCRETE
		PROPERTY LINE		[43.00] [43.00]	HEAVY DUTY PAVEMENT
		PROJECT LIMIT LINE			BUILDINGS
		RIGHT-OF-WAY/PROPERTY LINE	KOMMKOM		RIPRAP
		EASEMENT	620 <u>6352</u> 0		
		BUILDING SETBACK			CONSTRUCTION EXIT
10+00	10+00	PARKING SETBACK	27.35 TC×	27.35 TC×	TOP OF CURB ELEVATION
		BASELINE	26.85 BC×	26.85 BC×	BOTTOM OF CURB ELEVATION
		CONSTRUCTION LAYOUT	132.75 ×	132.75 ×	SPOT ELEVATION
		ZONING LINE	45.0 TW 38.5 BW	45.0 TW × 38.5 BW	TOP & BOTTOM OF WALL ELEVATION
		TOWN LINE	-	•	BORING LOCATION
		LIMIT OF DISTURBANCE		À	TEST PIT LOCATION
		WETLAND LINE WITH FLAG	○ MW	→ MW	MONITORING WELL
		FLOODPLAIN			
		BORDERING LAND SUBJECT	———UD ——— 12 " D	——UD——	UNDERDRAIN
BLSF		TO FLOODING	12 0	12″D→	DRAIN
		WETLAND BUFFER ZONE	6"RD	6″RD→	ROOF DRAIN
NDZ—		NO DISTURB ZONE	12"S	1 <u>2</u> "S	SEWER
200'RA-		200' RIVERFRONT AREA	FM	<u>FM</u>	FORCE MAIN
			OHW	—— ОНW ——	OVERHEAD WIRE
		GRAVEL ROAD	6"W	6"W	WATER
<u>EOP</u>	<u>EOP</u>	EDGE OF PAVEMENT	4"FP	4"FP	FIRE PROTECTION
BB	BB	BITUMINOUS BERM		2"DW	DOMESTIC WATER
BC	BC	BITUMINOUS CURB	3"G	G	GAS
CC	CC	CONCRETE CURB	——E——	——Е——	ELECTRIC
	CG	CURB AND GUTTER	STM	STM	STEAM
CC	ECC	EXTRUDED CONCRETE CURB	——Т——	T	TELEPHONE
CC	MCC	MONOLITHIC CONCRETE CURB	———FA———	——FA——	FIRE ALARM
CC	PCC	PRECAST CONC. CURB	CATV	—— CATV——	CABLE TV
SGE	SGE	SLOPED GRAN. EDGING	mm m		
VGC	VGC	VERT. GRAN. CURB			CATCH BASIN CONCENTRIC
		LIMIT OF CURB TYPE			CATCH BASIN ECCENTRIC
		SAWCUT			DOUBLE CATCH BASIN CONCENTRIC
	1		_		DOUBLE CATCH BASIN ECCENTRIC
4/////		BUILDING		=	GUTTER INLET
](] ⊲EN	BUILDING ENTRANCE	0	•	DRAIN MANHOLE CONCENTRIC
] ₄∟D	LOADING DOCK	0		DRAIN MANHOLE ECCENTRIC
*	-	BOLLARD	=TD $=$		TRENCH DRAIN
D	D	DUMPSTER PAD	CO CO	co co	PLUG OR CAP
-	•	SIGN	•	•	CLEANOUT
	=	DOUBLE SIGN		•	FLARED END SECTION
					HEADWALL
т т		STEEL GUARDRAIL	(\$)	lacktriangle	SEWER MANHOLE CONCENTRIC
		WOOD GUARDRAIL	(\$)	•	SEWER MANHOLE ECCENTRIC
			 CS ●	 CS ●	
	= = = =	PATH			CURB STOP & BOX
$\bigvee \bigvee$	\sim	TREE LINE	wv ⊚	w∨ ⊚	WATER VALVE & BOX
-× ×	-xx-	WIRE FENCE	TSV	TSV —◆►	TAPPING SLEEVE, VALVE & BOX
-00	•	FENCE	♦ ♦ _HYD	HYD	FIRE DEPARTMENT CONNECTION
-00	-	STOCKADE FENCE	© WM	•	FIRE HYDRANT
000000	∞	STONE WALL	•	WM ⊡ PIV	WATER METER
		RETAINING WALL	PIV ●	PIV ●	POST INDICATOR VALVE
	···	STREAM / POND / WATER COURSE			WATER WELL
		DETENTION BASIN	GG O	GG O	GAS GATE
0 0 0 0 0 0 0 0 0 0 0		HAY BALES	GM ⊡	GM ⊡	GAS METER
×	——×——	SILT FENCE		EMH	FLECTRIC MANNET
· <::::::> ·	· C:::::> ·	SILT SOCK / STRAW WATTLE	E EM	EM	ELECTRIC MANHOLE
4	A	MINIOR CONTOLIR	-	⊡	ELECTRIC METER
4 	20	MINOR CONTOUR	\$	*	LIGHT POLE
—ZU——		MAJOR CONTOUR	1	● TMH	TELEPHONE MANHOLE
10	10	PARKING COUNT	T	T	TRANSFORMER PAD
	C10	COMPACT PARKING STALLS		-	
DYL	DYL	DOUBLE YELLOW LINE	-0-	•	UTILITY POLE
SL	SL	STOP LINE	0-	•	GUY POLE
	1111111111111		HH _	HH T	GUY WIRE & ANCHOR
		CROSSWALK	⊓⊓ ⊡ PB	⊓⊓ ⊡ PB	HAND HOLE
9	ي پ	ACCESSIBLE CURB RAMP	PB □	PB ⊡	PULL BOX
Ė.	Ł Ł	ACCESSIBLE PARKING			MATCHINE
VAN	VAN	VAN-ACCESSIBLE PARKING			MATCHLINE

Abbreviations

<u>4b</u>	<u>brevia</u>	itions
	General	
	ABAN	ABANDON
	ACR	ACCESSIBLE CURB RAMP
	ADJ	ADJUST
	APPROX	APPROXIMATE
	BIT	BITUMINOUS
	BS	BOTTOM OF SLOPE
	BWLL	BROKEN WHITE LANE LINE
	CONC	CONCRETE
	DYCL	DOUBLE YELLOW CENTER LINE
	EL	ELEVATION
	ELEV	ELEVATION
	EV	ELECTRIC VEHICLE CHARGING SPACE
	EX	EXISTING
	FDN	FOUNDATION
	FFE	FIRST FLOOR ELEVATION
	GRAN	GRANITE
	GTD	GRADE TO DRAIN
	LA	LANDSCAPE AREA
	LOD	LIMIT OF DISTURBANCE
	MAX	MAXIMUM
	MIN	MINIMUM
	NIC	NOT IN CONTRACT
	NTS	NOT TO SCALE
	PERF	PERFORATED
	PROP	PROPOSED
	REM	REMOVE
	RET	RETAIN
	R&D	REMOVE AND DISPOSE
	R&R	REMOVE AND RESET
	SWEL	SOLID WHITE EDGE LINE
	SWLL	SOLID WHITE LANE LINE
	TS	TOP OF SLOPE
	TYP	TYPICAL
	1 14:1:4.	
	Utility	
	СВ	CATCH BASIN
	CMP	CORRUGATED METAL PIPE
	СО	CLEANOUT
	DCB	DOUBLE CATCH BASIN
	DMH	DRAIN MANHOLE
	CIP	CAST IRON PIPE
	COND	CONDUIT
	DIP	DUCTILE IRON PIPE
	FES	FLARED END SECTION
	FM	FORCE MAIN
		FRAME AND GRATE
	F&C	FRAME AND COVER
	GI	GUTTER INLET
	GT	GREASE TRAP
	HDPE	HIGH DENSITY POLYETHYLENE PIPE
	НН	HANDHOLE
	HW	HEADWALL
	HYD	HYDRANT
	INV	INVERT ELEVATION
	l=	INVERT ELEVATION
	LP	LIGHT POLE
	MES	METAL END SECTION
	PIV	POST INDICATOR VALVE
	PWW	PAVED WATER WAY
	PVC	POLYVINYLCHLORIDE PIPE
	RCP	REINFORCED CONCRETE PIPE
	R=	RIM ELEVATION
	RIM=	RIM ELEVATION
	SMH	SEWER MANHOLE
	TSV	TAPPING SLEEVE, VALVE AND BOX
	UG	UNDERGROUND

UNDERGROUND

UTILITY POLE

lotes

General

- 1. THE PURPOSE OF THIS SITE PLAN IS TO DEPICT THE PROPOSED PARKING LOT EXPANSION FOR THE CONCORD COACH LINES IN CONCORD, NH. THIS PLAN IS TO BE USED FOR SITE PLAN REVIEW AND IS NOT ISSUED FOR CONSTRUCTION.
- 2. CONTRACTOR SHALL NOTIFY "DIG-SAFE" (1-888-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING.
- 3. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
- 4. ACCESSIBLE ROUTES, PARKING SPACES, RAMPS, SIDEWALKS AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND
- 5. AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE 6 INCHES LOAM AND SEED.
- 6. WITHIN THE LIMITS OF THE BUILDING FOOTPRINT, THE SITE CONTRACTOR SHALL PERFORM EARTHWORK OPERATIONS REQUIRED UP TO SUBGRADE ELEVATIONS.

LOCAL LAWS AND REGULATIONS (WHICHEVER ARE MORE STRINGENT).

- 7. WORK WITHIN THE LOCAL RIGHTS-OF-WAY SHALL CONFORM TO LOCAL MUNICIPAL STANDARDS. WORK WITHIN STATE RIGHTS-OF-WAY SHALL CONFORM TO THE LATEST EDITION OF THE STATE
- HIGHWAY DEPARTMENTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
 UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT

DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT

- 9. TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 10. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S
- 11. IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
- 12. CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
- 13. DAMAGE RESULTING FROM CONSTRUCTION LOADS & ACTIVITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- 14. CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.
- 15. THIS PROJECT DISTURBS MORE THAN ONE ACRE OF LAND AND FALLS WITHIN THE NPDES CONSTRUCTION GENERAL PERMIT (CGP) PROGRAM AND EPA JURISDICTION. PRIOR TO THE START OF CONSTRUCTION CONTRACTOR IS TO FILE A CGP NOTICE OF INTENT WITH THE EPA AND PREPARE A STORMWATER POLLUTION PREVENTION PLAN IN ACCORDANCE WITH THE NPDES REGULATIONS. CONTRACTOR SHALL CONFIRM THE OWNER HAS ALSO FILED A NOTICE OF INTENT WITH THE EPA.

Utilities

- 1. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR ITS REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
- 2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT AND CONTRACTOR'S FAILURE TO NOTIFY PRIOR TO PERFORMING ADDITIONAL WORK RELEASES OWNER FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.
- 3. SET CATCH BASIN RIMS, AND INVERTS OF SEWERS, DRAINS, AND DITCHES IN ACCORDANCE WITH ELEVATIONS ON THE GRADING AND UTILITY PLANS.
- 4. RIM ELEVATIONS FOR DRAIN AND SEWER MANHOLES, WATER VALVE COVERS, GAS GATES, ELECTRIC AND TELEPHONE PULL BOXES, AND MANHOLES, AND OTHER SUCH ITEMS, ARE APPROXIMATE AND SHALL BE SET/RESET AS FOLLOWS:
- A. PAVEMENTS AND CONCRETE SURFACES: FLUSH
- B. ALL SURFACES ALONG ACCESSIBLE ROUTES: FLUSH
- C. LANDSCAPE, LOAM AND SEED, AND OTHER EARTH SURFACE AREAS: ONE INCH ABOVE SURROUNDING AREA AND TAPER EARTH TO THE RIM ELEVATION.
- 5. THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, ELECTRIC, FIRE ALARM, ETC.). FINAL DESIGN LOADS AND LOCATIONS TO BE COORDINATED WITH OWNER AND ARCHITECT.
- 6. CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR POLE RELOCATION AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS PERFORMED BY CONTRACTOR OR BY THE UTILITIES COMPANY.
- 7. UTILITY PIPE MATERIALS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLAN:
 - A. STORM DRAINAGE PIPES SHALL BE HPDE.
 - D. PIPE INSTALLATION AND MATERIALS SHALL COMPLY WITH THE STATE PLUMBING CODE WHERE APPLICABLE. CONTRACTOR SHALL COORDINATE WITH LOCAL PLUMBING INSPECTOR PRIOR TO BEGINNING WORK.
- 8. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND SHALL FURNISH EXCAVATION, INSTALLATION, AND BACKFILL OF ELECTRICAL FURNISHED SITEWORK RELATED ITEMS SUCH AS PULL BOXES, CONDUITS, DUCT BANKS, LIGHT POLE BASES, AND CONCRETE PADS. SITE CONTRACTOR SHALL FURNISH CONCRETE ENCASEMENT OF DUCT BANKS IF REQUIRED BY THE UTILITY COMPANY AND AS INDICATED ON THE DRAWINGS.
- CONTRACTOR SHALL EXCAVATE AND BACKFILL TRENCHES FOR GAS IN ACCORDANCE WITH GAS COMPANY'S REQUIREMENTS.
- 10. ALL DRAINAGE AND SANITARY STRUCTURE INTERIOR DIAMETERS (4' MIN.) SHALL BE DETERMINED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS AND LOCAL MUNICIPAL STANDARDS. FOR MANHOLES THAT ARE 20 FEET IN DEPTH AND GREATER, THE MINIMUM DIAMETER SHALL BE 5 FEET.

Layout and Materials

- 1. DIMENSIONS ARE FROM THE FACE OF PAVEMENT, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
- 2. CURB AND EDGE OF PAVEMENT RADII ARE 4 FEET UNLESS OTHERWISE NOTED.
- 3. CURBING IS NOT PROPOSED ON THE SITE.
- 4. PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LAND SURVEYOR.
- 5. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.

Demolition

- 1. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF WORK INCLUDING BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS, ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS. REMOVE AND DISPOSE OF EXISTING UTILITIES, FOUNDATIONS AND UNSUITABLE MATERIAL BENEATH AND FOR A DISTANCE OF 10 FEET BEYOND THE PROPOSED BUILDING FOOTPRINT INCLUDING EXTERIOR COLUMNS.
- 2. EXISTING UTILITIES SHALL BE TERMINATED, UNLESS OTHERWISE NOTED, IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. THE CONTRACTOR SHALL COORDINATE UTILITY SERVICE DISCONNECTS WITH THE UTILITY REPRESENTATIVES.
- CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.
- THE DEMOLITION LIMITS DEPICTED IN THE PLANS IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION BEFORE SUBMITTING ITS BID/PROPOSAL TO PERFORM THE WORK AND SHALL MAKE NO CLAIMS AND SEEK NO ADDITIONAL COMPENSATION FOR CHANGED CONDITIONS OR UNFORESEEN OR LATENT SITE CONDITIONS RELATED TO ANY CONDITIONS DISCOVERED DURING EXECUTION OF THE
- 5. UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER HAS NOT PREPARED DESIGNS FOR AND SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIALS, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE OF HAZARDOUS MATERIAL AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ANY CLAIMS MADE IN CONNECTION THEREWITH. MOREOVER, THE ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATIONS OF ANY TYPE WITH REGARD TO ANY CONTRACTOR AMENDMENT INVOLVING THE ISSUES OF PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS.

Erosion Control

- 1. PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
- 2. CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS (MINIMUM) OR AS REQUIRED PER THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR SHALL ADDRESS DEFICIENCIES AND MAINTENANCE ITEMS WITHIN TWENTY-FOUR HOURS OF INSPECTION. CONTRACTOR SHALL PROPERLY DISPOSE OF SEDIMENT SUCH THAT IT DOES NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
- 3. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
- 4. CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
- 5. UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.

Existing Conditions Information

- 1. BASE PLAN: THE PROPERTY LINES SHOWN WERE DETERMINED BY AN ACTUAL FIELD SURVEY CONDUCTED BY VHB, AND FROM PLANS OF RECORD. THE TOPOGRAPHY AND PHYSICAL FEATURES ARE BASED ON AN ACTUAL FIELD SURVEY PERFORMED ON THE GROUND BY VHB, DURING OCTOBER AND NOVEMBER 2025.
 - A. DELINEATION OF THE WETLANDS AND PLACEMENT OF THE FLAGS WAS PERFORMED BY: VHB IN NOVEMBER 2025.
 - B. FLAGS MARKING THE WETLANDS WERE LOCATED BY: FIELD LOCATED BY VHB.
- 2. TOPOGRAPHY: ELEVATIONS ARE BASED ON NAVD88.

Document Use

- 1. THESE PLANS AND CORRESPONDING CADD DOCUMENTS ARE INSTRUMENTS OF PROFESSIONAL SERVICE, AND SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN FOR WHICH IT WAS CREATED WITHOUT THE EXPRESSED, WRITTEN CONSENT OF VHB. ANY UNAUTHORIZED USE, REUSE, MODIFICATION OR ALTERATION, INCLUDING AUTOMATED CONVERSION OF THIS DOCUMENT SHALL BE AT THE USER'S SOLE RISK WITHOUT LIABILITY OR LEGAL EXPOSURE TO VHB.
- 2. CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.
- 3. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.



603.391.3900

Concord Coach -Temporary Parking Expansion

Storrs Street Concord, NH 03301

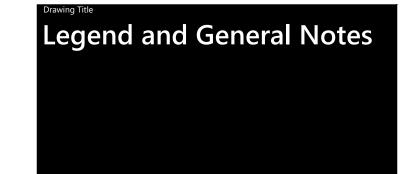
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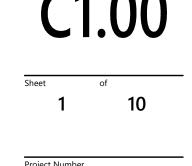
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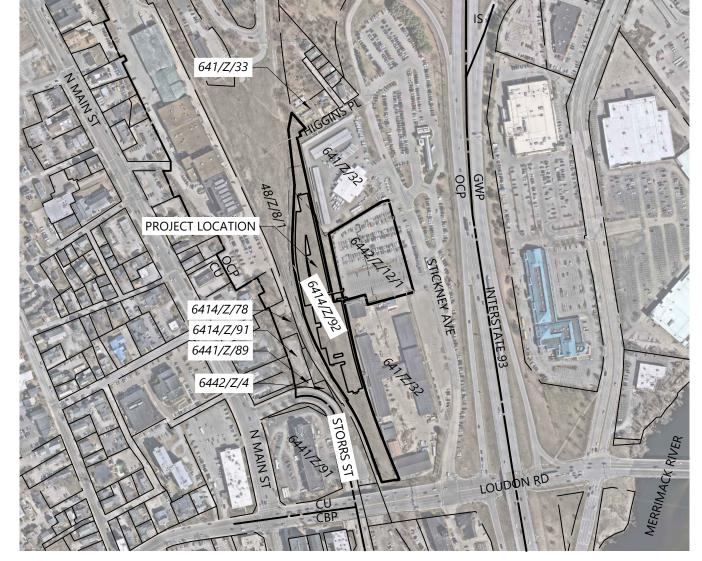
Site Plan Review November 18, 2025

Not Issued for Construction











Suite 200

603.391.3900

Bedford, NH 03110

Location Plan

Zoning Summary Chart

11/25

Zoning District:	Opportunity Corridor Performance District	
Overlay District:	r enomiance Di	Strict
Zoning Regulation Requirements	Required*	Provided
MINIMUM LOT FRONTAGE	150 Feet	Varies**
FRONT YARD SETBACK	15 Feet	N/A
SIDE YARD SETBACK	15 Feet	N/A
REAR YARD SETBACK	15 Feet	N/A
MAXIMUM LOT COVERAGE	85%	48%
MAXIMUM HEIGHT	45 Feet	N/A
MINIMUM LOT SIZE (TOTAL AREA)	-	N/A
MINIMUM LOT SIZE (BUILDABLE LAND)	-	N/A

* Zoning regulation requirements as specified in City of Concord Zoning Ordinance, Article 28-4-1 Dimensional Standards. ** Frontage along Storrs Street is ± 367 feet, along Higgins Place is ± 84 feet and along the Loudon Road ROW is ± 131 feet. Higgins Place and Loudon Road are both an existing non-conformance.



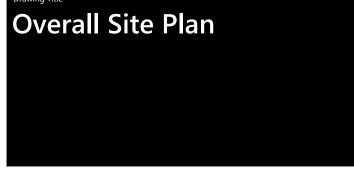


Storrs Street Concord, NH 03301

esigned by TMD	Checked by DHF
sued for	Date
Site Plan Review	November 18, 2025

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Not Issued for Construction



176455.00

Source: VHB LOUDON RD 1. THE PURPOSE OF THIS SITE PLAN IS TO DEPICT A PROPOSED TEMPORARY PARKING LOT FOR CONCORD COACHLINES, TO BE USED FOR SITE PLAN REVIEW. NOT ISSUED FOR CONSTRUCTION. THE SUBJECT PARCEL IS 6414-Z-92, OWNED BY THE CITY OF CONCORD. REFER TO EXISTING CONDITIONS PLAN FOR ADDITIONAL INFORMATION REGARDING DEED REFERENCES, PLAN REFERENCES AND PRIOR SURVEYS OF THE PROPERTY. 3.48 ACRES SHOWN ON THE SITE PLANS REFERS TO THE CONTINUOUS SEGMENT OF THE PARCEL TO THE EAST OF THE RAILROAD. NO BUILDINGS ARE PROPOSED AS PART OF THIS DEVELOPMENT, THEREFORE NO ADDRESSES ARE PROPOSED. 4. THE SUBJECT PARCEL IS 3.48 ACRES AND IS IN THE OPPORTUNITY CORRIDOR PERFORMANCE DISTRICT AT THE TIME OF THIS SITE PLAN. THE SITE IS NOT LOCATED IN ANY OVERLAY ZONES. EXISTING AREA OF WETLANDS = 894 SF
PROPOSED AREA OF WETLANDS = 0 SF*
EXISTING/PROPOSED AREAS OF BLUFFS/RAVINES = 0 SF
EXISTING AREAS OF STEEP SLOPES GREATER THAN 15% = 6,618 SF
PROPOSED AREAS OF STEEP SLOPES GREATER THAN 15% = 0 SF
EXISTING IMPERVIOUS AREA = 6,991 SF
PROPOSED IMPERVIOUS AREA = 85,227 SF
* REFER TO WETLAND DELINEATION MEMO PREPARED BY VHB, NOVEMBER 2025. SUBJECT WETLAND WAS DETERMINED TO BE
NON-JURISDICTIONAL GIVEN PRIOR USE AS CONSTRUCTED DRAINAGE FEATURE WAS NOT COMPLETED. 6. NO POTABLE WATER SUPPLY OR SANITARY SEWER SERVICE IS PROPOSED FOR THIS PROJECT, BUT PUBLIC WATER AND SEWER IS AVAILABLE IN STICKNEY AVENUE. 7. THE SITE IS LOCATED ON FEMA PANEL 33013C0533E, DATED 4/19/2010. THE SITE IS LOCATED IN THE 0.2% ANNUAL CHANCE FLOOD HAZARD (500-YEAR) WITH AN ELEVATION OF 232 FEET. 8. THE PROJECT DOES NOT INTEND TO BE PHASED. 9. NO ZONING VARIANCES OR SPECIAL EXCEPTIONS ARE REQUESTED AS PART OF THIS PROJECT. REQUIRED PERMITS AND WAIVERS ARE OUTLINED BELOW: SITE PLAN APPROVAL - TBD CONDITIONAL USE PERMIT - TBD SECTION 16.02(15) - LANDSCAPE PLANS
SECTION 18.17 - TREE PLANTINGS
SECTION 18.19 - CURBING AND GUARDRAILS
SECTION 18.20 - CONSTRUCTION STANDARDS (PAVEMENT SECTION) SECTION 22.07(1) - STORM EVENTS (100-YEAR STORM) SECTION 27.03 - LANDSCAPE PLANS STATE PERMITS - NONE FEDERAL PERMITS EPA NPDES CONSTRUCTION GENERAL PERMIT - TBD



2 Bedford Farms Drive Suite 200 Bedford, NH 03110 603.391.3900

Sign Summary

	Sign Summary					
	M.U.T.C.D.	Specification				
	Number	Width	Height	Desc.		
•	R1-1	30"	30"	STOP		





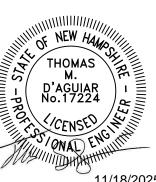
Storrs Street Concord, NH 03301

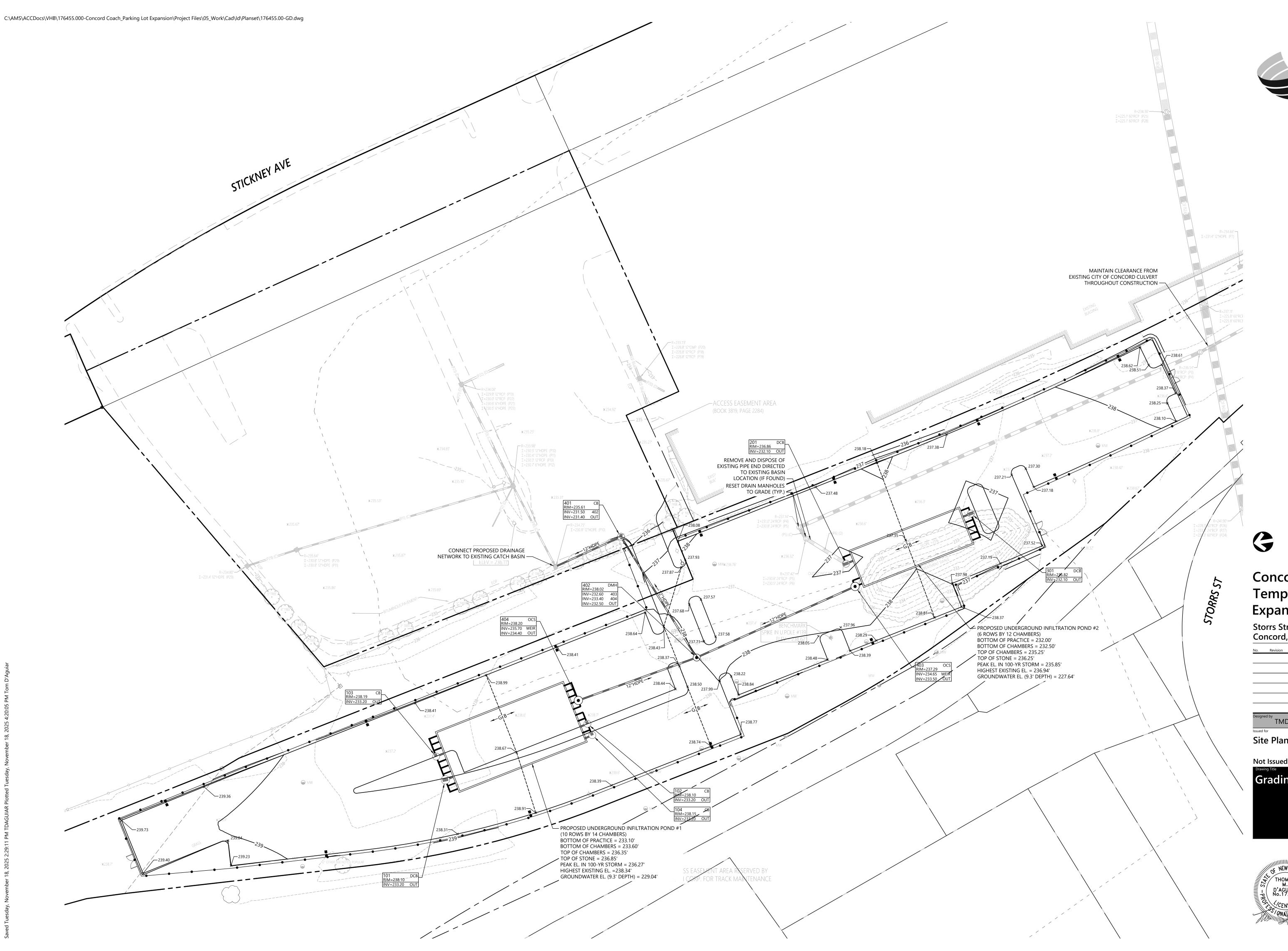
ed by TMD	Checked by DHF

TMD	DHF
Issued for	Date
Site Plan Review	November 18, 202

Not Issued for Construction









603.391.3900



Storrs Street Concord, NH 03301

TMD DHF

Issued for Date

Site Plan Review November 18, 2025

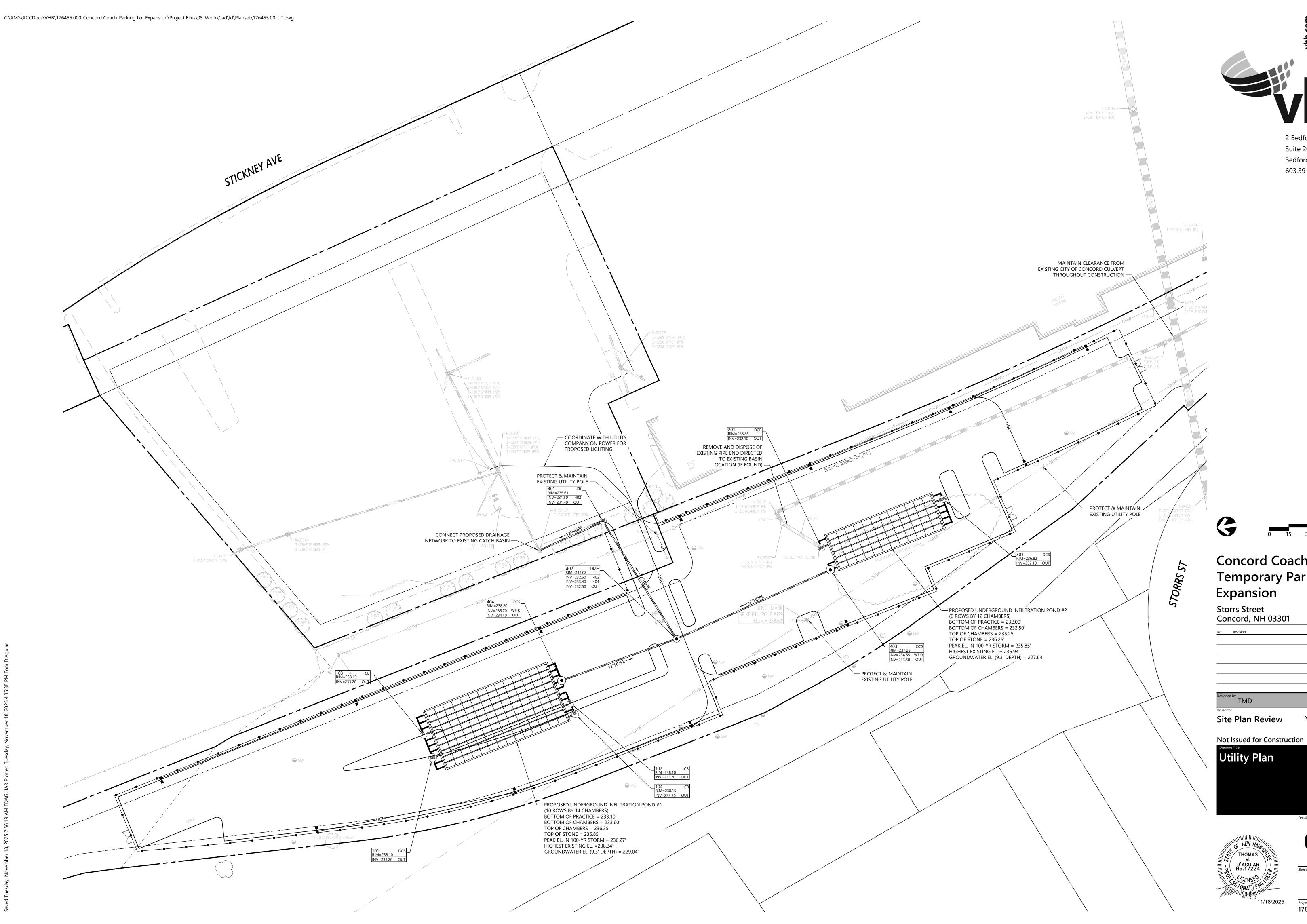
Not Issued for Construction

Grading and Drainage Plan



C3.01

Sheet of 4 10

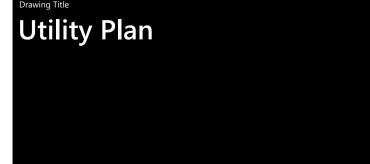






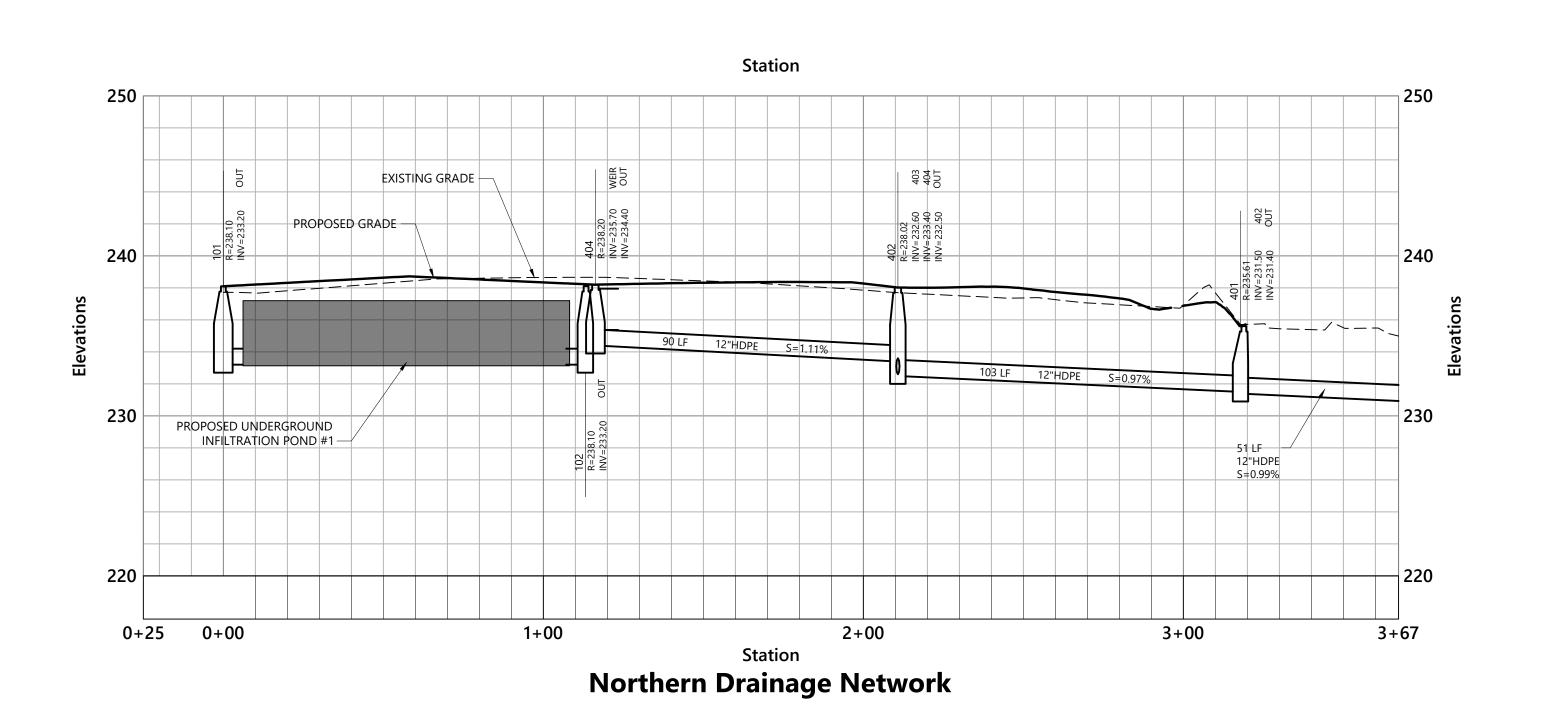
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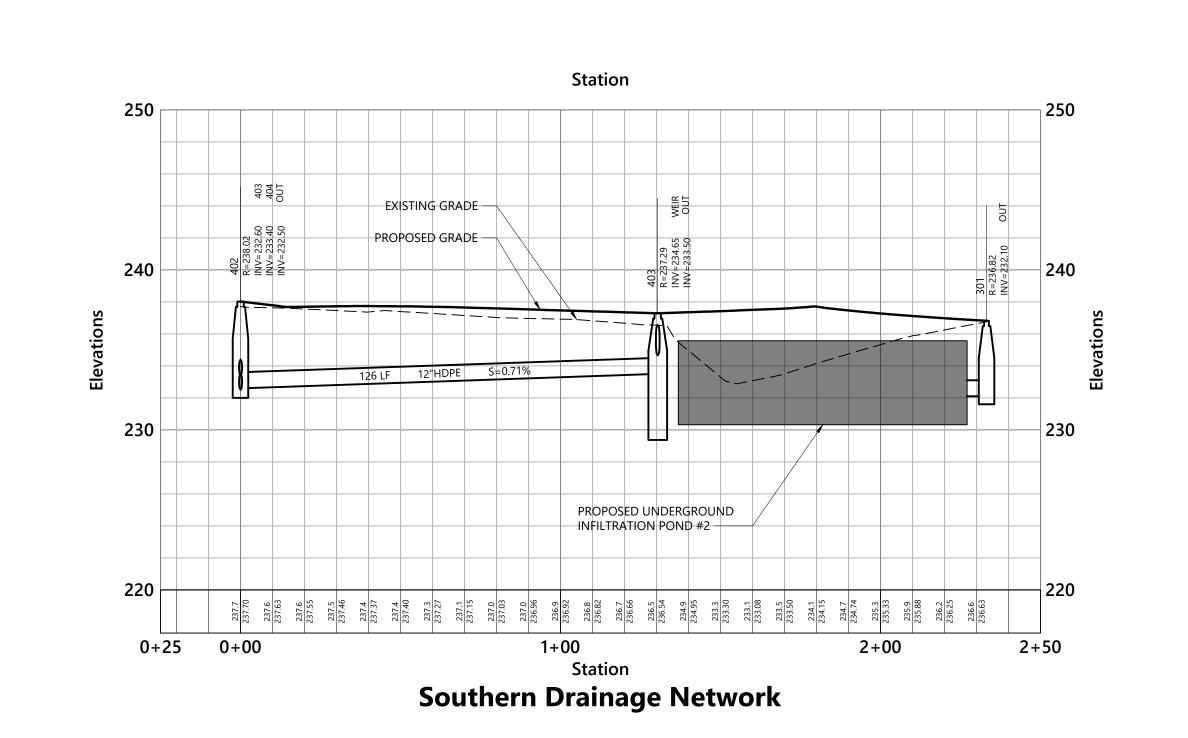
Site Plan Review November 18, 2025













Concord Coach -Temporary Parking Expansion

Storrs Street Concord, NH 03301

No. Revision Date Appvd.

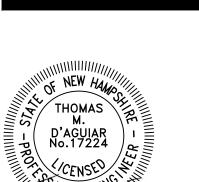
TMD Checked by DHF

Issued for Date

Site Plan Review November 18, 2025

Not Issued for Construction

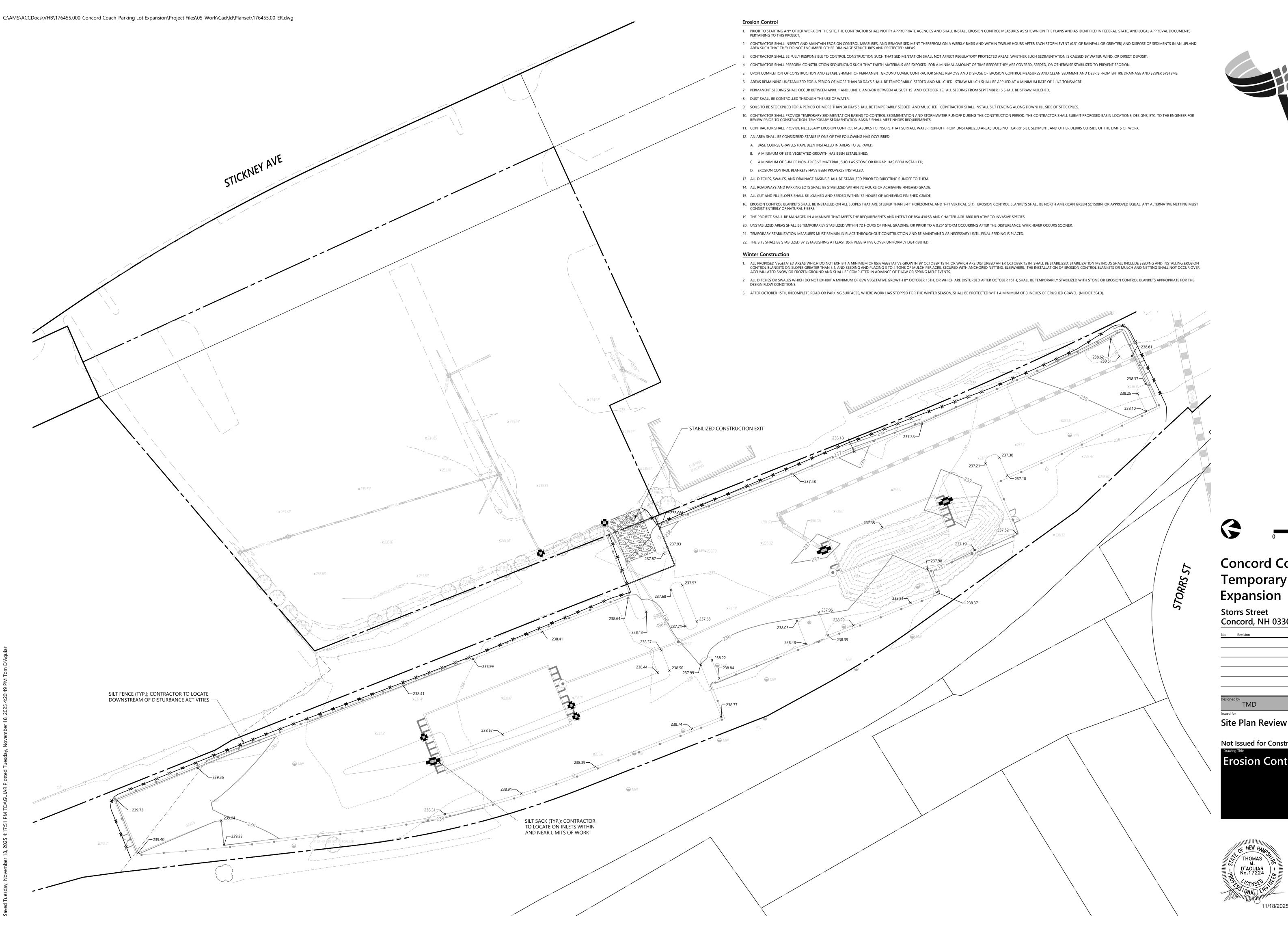
Utility Plan and Profile



C4.02

Sheet of 6 10

Project Number 176455.00





Bedford, NH 03110

603.391.3900

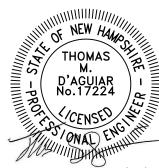


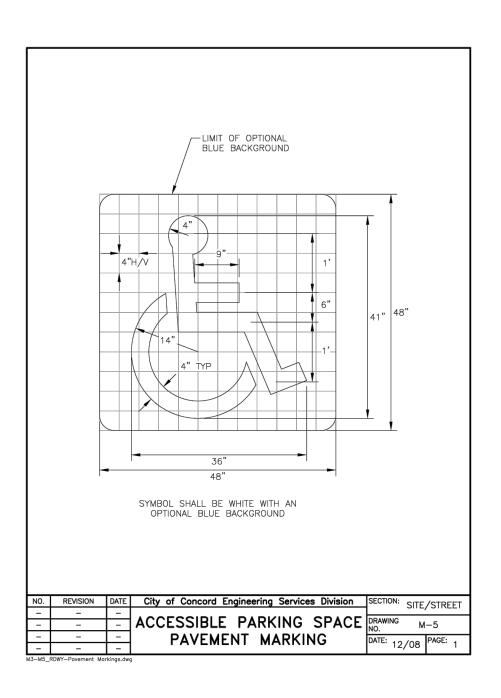
Storrs Street Concord, NH 03301

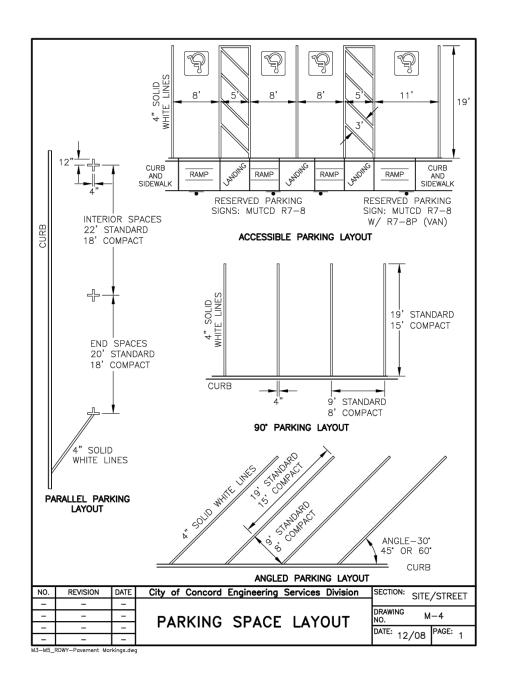
Site Plan Review November 18, 2025

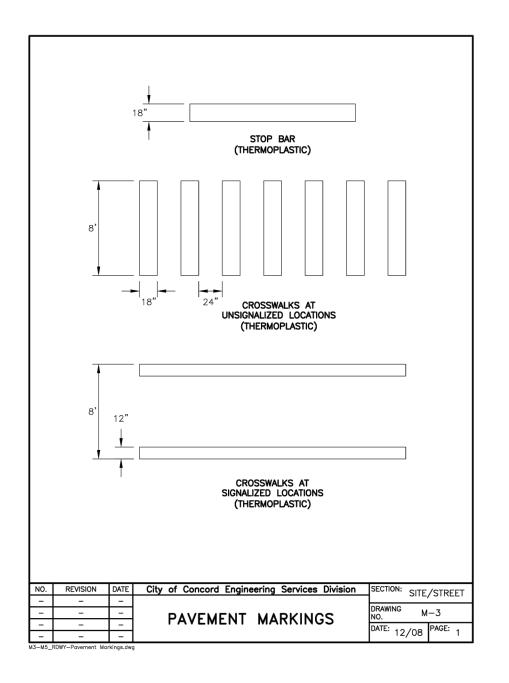
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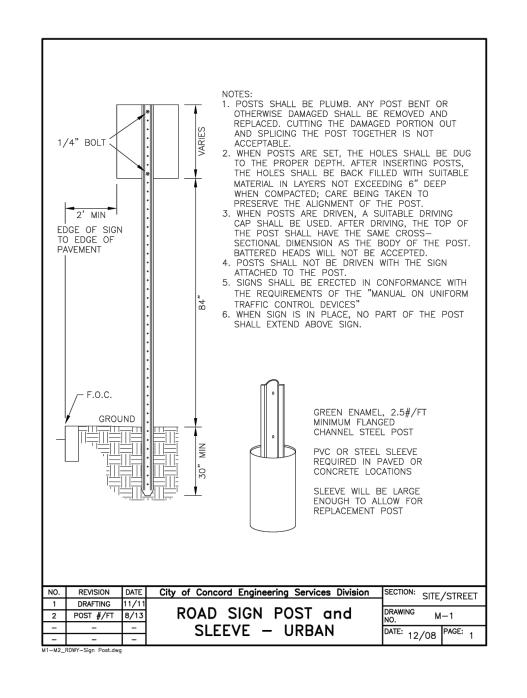


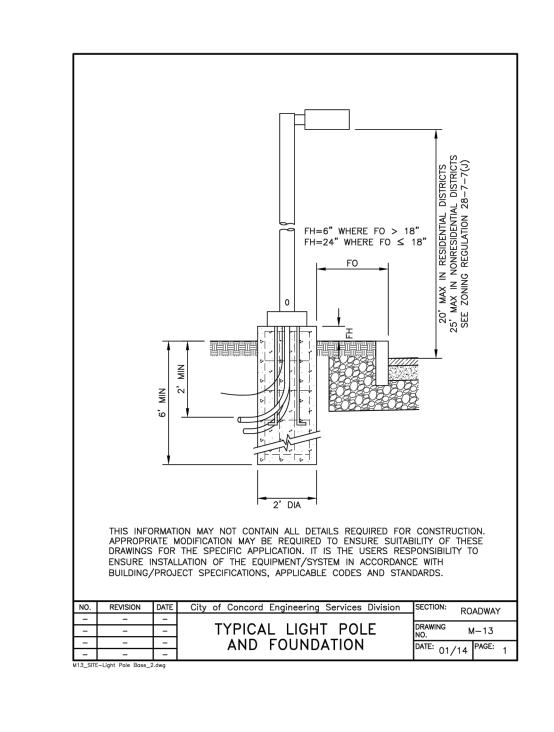




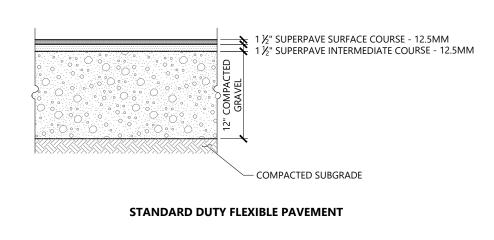


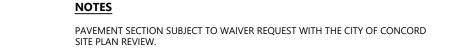




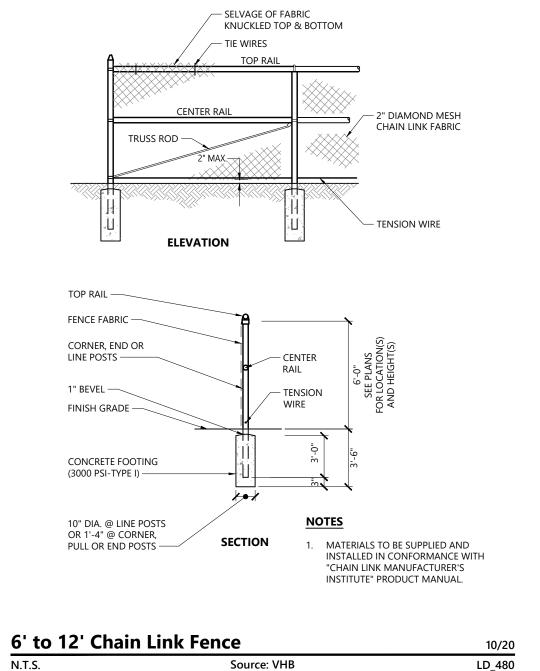


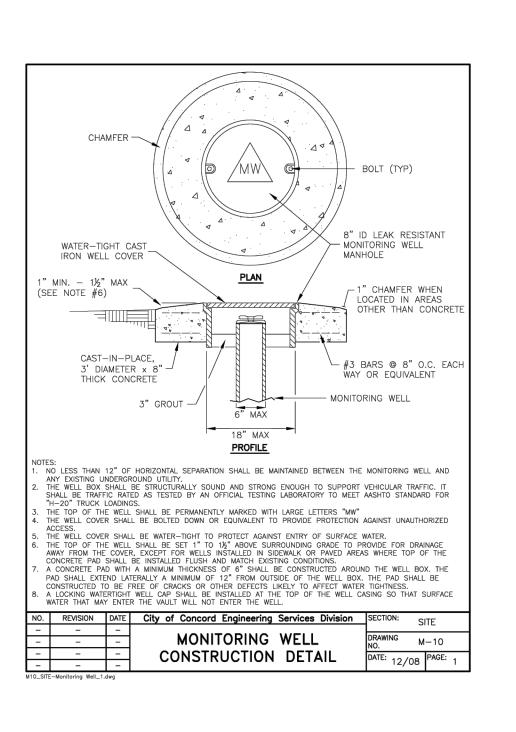


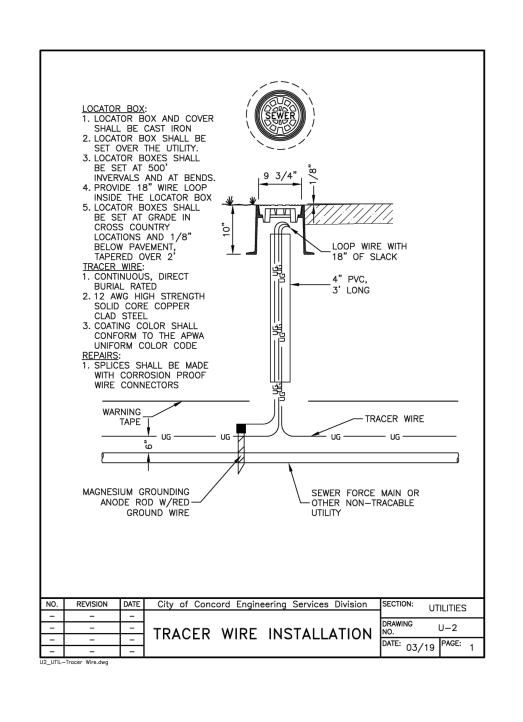


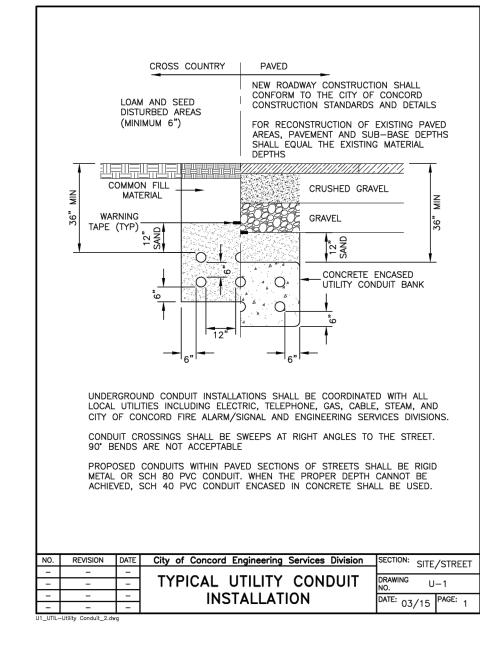


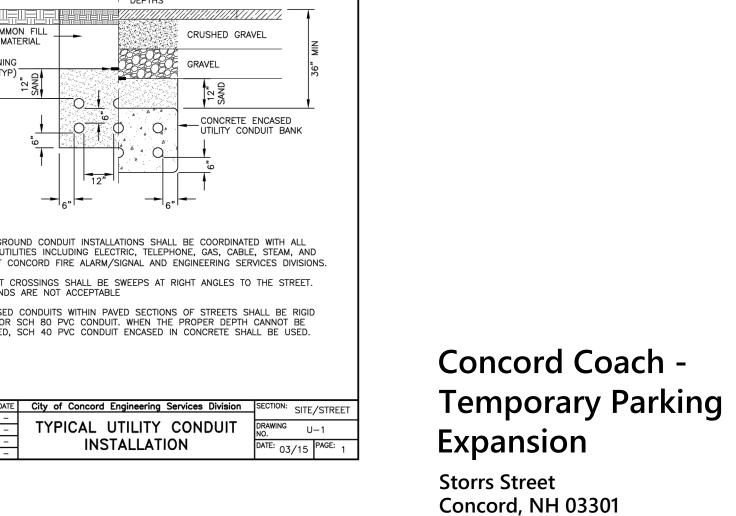


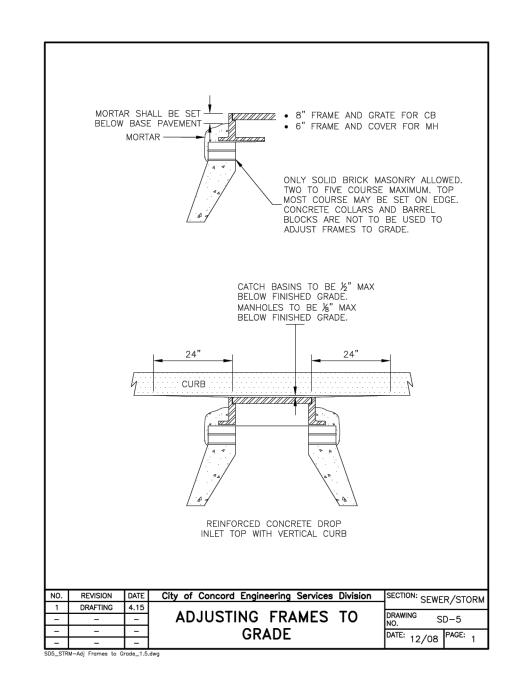


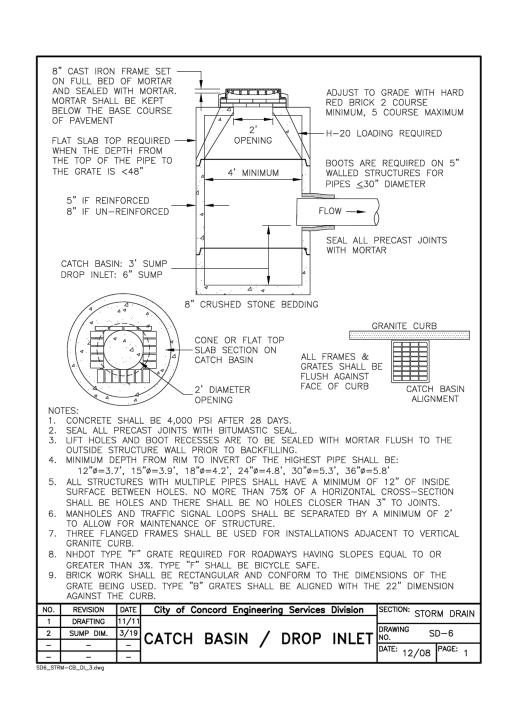




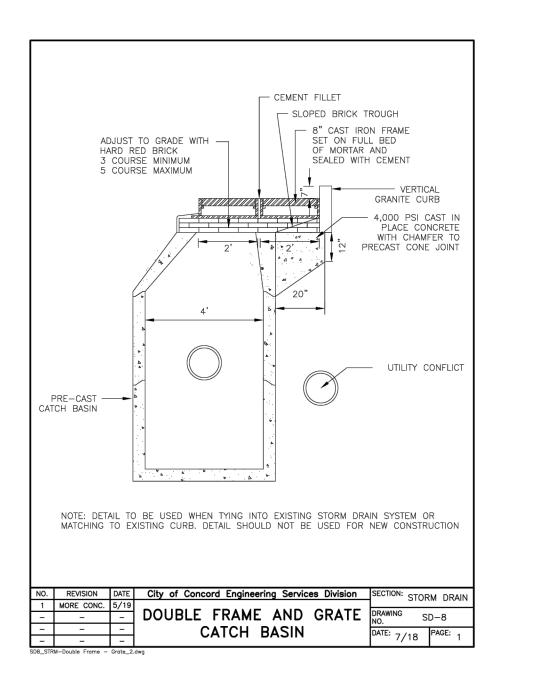


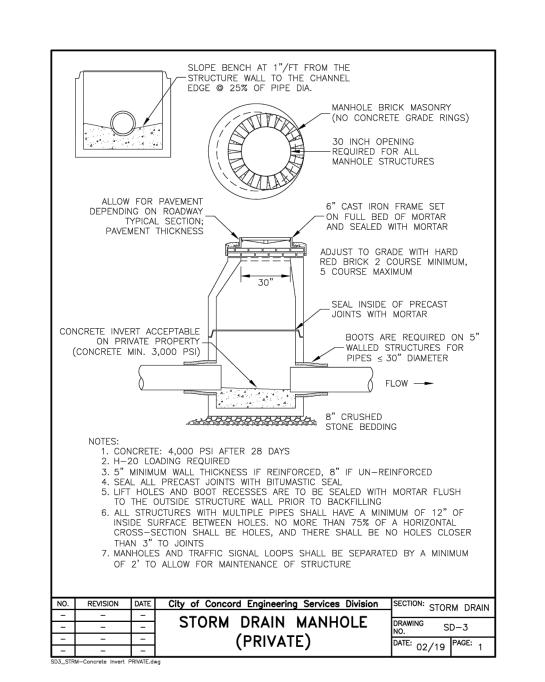


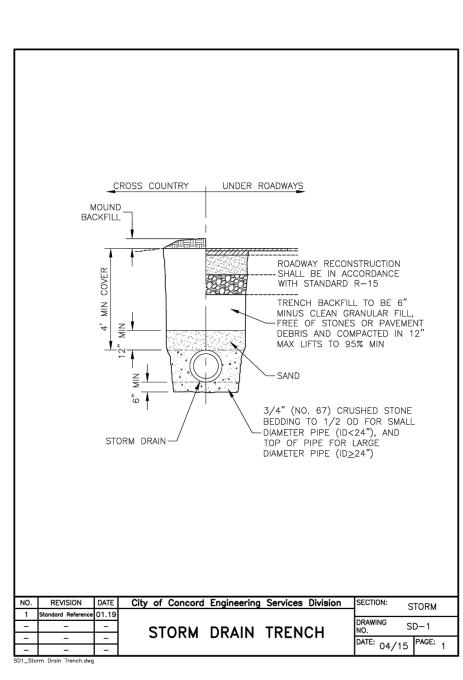


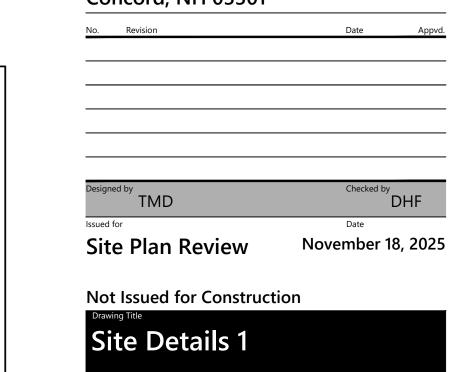


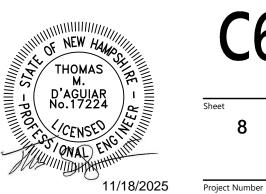
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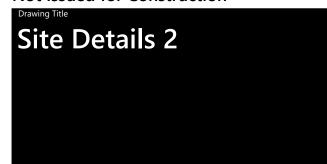
Concord Coach -Temporary Parking Expansion

Storrs Street Concord, NH 03301

No.	Revision	Date	Appv
Designe	ed by	Checked by	DHE

Site Plan Review November 18, 2025

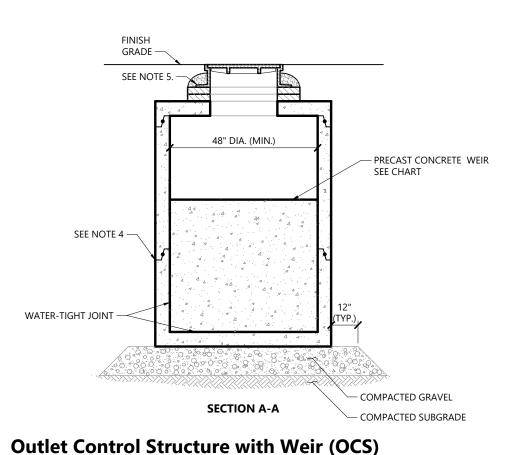
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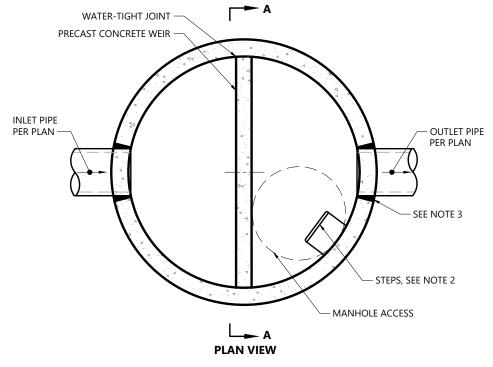


CO.UZ

Sheet of 9 10



N.T.S.



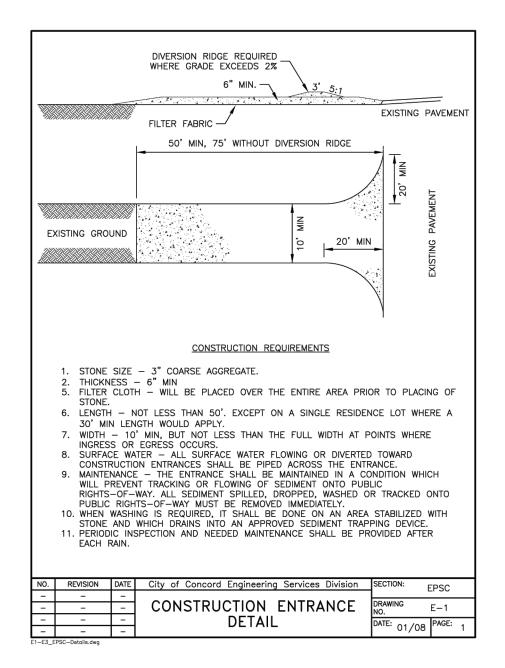
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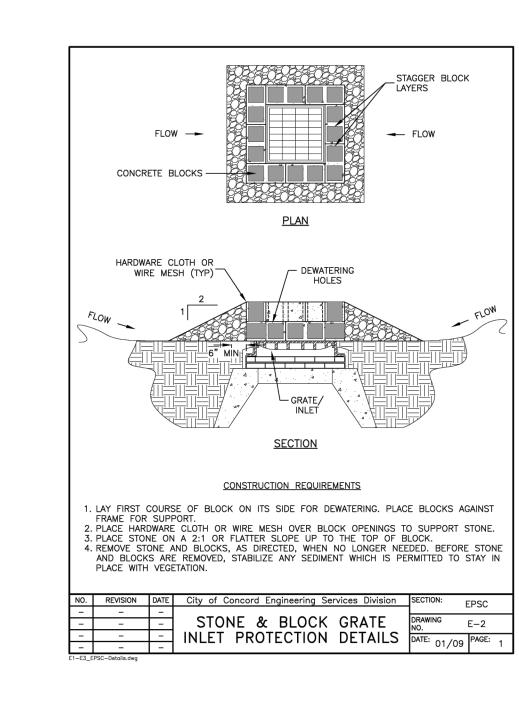
- 1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING. DIAMETER OF STRUCTURES SHALL BE COORDINATED WITH PIPE CONFIGURATIONS.
- COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
- 3. FOR HDPE, PVC, AND DI PIPE, PROVIDE FLEXIBLE BOOT CONNECTION INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. FOR RCP, PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE AND MORTAR CONNECTIONS.
- 4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER. 5. DRAIN MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK

COURSES MAXIMUM)			

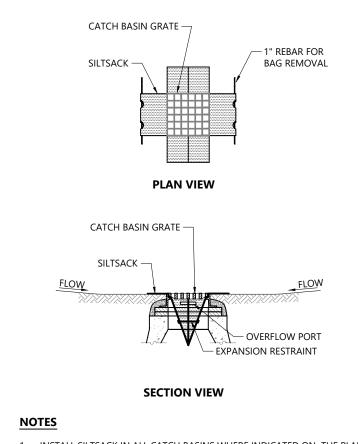
3/20

LD_162A







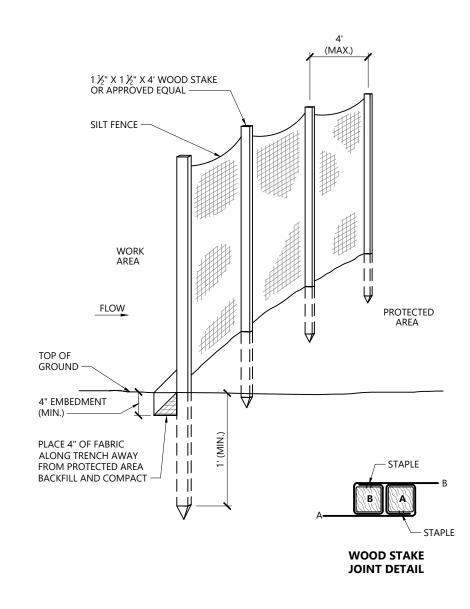


INSTALL SILTSACK IN ALL CATCH BASINS WHERE INDICATED ON THE PLAN BEFORE COMMENCING WORK OR IN PAVED AREAS AFTER BINDER COURSE IS PLACED AND STRAW BALES HAVE BEEN REMOVED.

2. GRATE TO BE PLACED OVER SILTSACK. SILTSACK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED. MAINTAIN UNTIL UPSTREAM AREAS HAVE BEEN

PERMANENTLY STABILIZED

Siltsack Sedimen	t Trap	1/20
I.T.S.	Source: VHB	LD_674



Silt Fence Barrier
N.T.S. Source: VHB

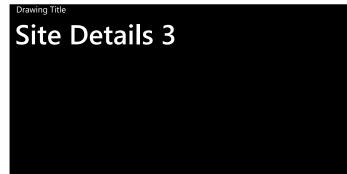
Concord Coach -Temporary Parking Expansion

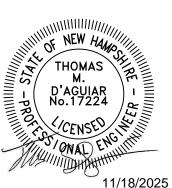
Storrs Street Concord, NH 03301

Designed by	Checked by

Site Plan Review	November 18, 2025
Designed by TMD	Checked by DHF

Not Issued for Construction





General Notes

- 1) THE PURPOSE OF THIS PLAN IS TO DEPICT THE EXISTING CONDITIONS OF MAP 6442-Z LOT 12-1 AND MAP 6414-Z LOT 92
- 2) THE OWNER OF RECORD FOR MAP/LOT 6414 Z 92 IS THE CITY OF CONCORD (3456/2302). THE OWNER OF RECORD FOR MAP/LOT 6442 Z 12-1 IS THE STATE OF NEW HAMPSHIRE (540/341)
- 3) THE PROPERTY LINES SHOWN ON THIS PLAN ARE BASED UPON AN ACTUAL FIELD SURVEY CONDUCTED BY VHB, INC. IN OCTOBER, 2025 AND FROM DEEDS AND PLANS OF RECORD.
- 4) THE EXISTING CONDITIONS SHOWN ON THIS PLAN ARE BASED UPON AN ON-THE-GROUND INSTRUMENT SURVEY PERFORMED BY VHB, INC. IN OCTOBER 2025.
- 5) THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN ON THIS PLAN WERE MAPPED PER AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) STANDARD 38-22, QUALITY LEVEL(S) 'X' AS SPECIFIED IN THE CONTRACT BETWEEN 'THE CLIENT' AND VHB. PLEASE NOTE THAT WHILE BEST PRACTICES WERE FOLLOWED, NOT ALL UTILITIES MAY BE SHOWN AND THE ACCURACY OF UTILITY LOCATIONS CANNOT
- 6) HORIZONTAL DATUM IS BASED ON NH GRID SYSTEM, NAD83/2011. ELEVATIONS SHOWN ON THIS PLAN REFER TO NAVD OF 1988/2018.
- 7) THE LOT LIES ENTIRELY WITHIN ZONE X (SHADED) (AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD) AS SHOWN ON THE FLOOD INSURANCE RATE MAP FOR MERRIMACK COUNTY, NEW HAMPSHIRE, MAP NUMBER 33013C0533E, EFFECTIVE DATE APRIL 19, 2010.
- 8) THE LOT LIES ENTIRELY WITHIN THE OPPORTUNITY CORRIDOR PERFORMANCE DISTRICT (OCP) AS SHOWN ON THE "ZONING 2001 - CITY OF CONCORD NEW HAMPSHIRE", DATED NOVEMBER 29, 2001 AND LAST AMENDED ON MAY 17, 2021. DIMENSIONAL REQUIREMENTS FOR A (OCP) AT THE TIME OF

	required
MINIMUM LOT AREA	N/A
MINIMUM FRONTAGE	150 FEET
MINIMUM FRONT YARD SETBACK	15 FEET
MINIMUM SIDE YARD SETBACK	15 FEET
MINIMUM REAR YARD SETBACK	15 FEET
MAXIMUM BUILDING HEIGHT	45 FEET
MAXIMUM LOT COVEREAGE	85%
THE WET AND CHOWN ON THE DIAM W	

MAP 641-Z, LOT 33 BOOK 3799, PAGE 96

ackslash4"X4" GRAN. BOUND W/D.H.

UP 3" (FOUND)

-5/8" IRON ROD W/CAP

STATE OF NEW

HAMPSHIRE

MAP 48-Z, LOT 8-1

FLUSH (FOUND)

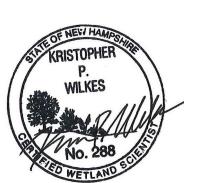
FROM CORNER

S 81°19'42" W 0.67'

- 9) THE WETLANDS SHOWN ON THIS PLAN WERE FLAGGED BY VHB ENVIRONMENTAL DEPARTMENT AND FIELD SURVEYED BY VHB IN NOVEMBER, 2025.
- 10) REFERENCE PLAN #1 DOES NOT MATCH RECOVERED MONUMENTS AND ABUTTING SURVEYS IN THE NORTHERLY PORTION OF THE LOT. THE AREA HAS BEEN OMITTED FROM THE BOUNDARY SURVEY AS IT DOES NOT AFFECT THE PROPOSED AREA OF DEVELOPMENT.
- 11) LAND OF THE NORTHERN RAILROAD, MAP 743-Z, LOT 10, SEPARATES THE DEVELOPMENT AREA FROM STORRS STREET. THE PORTION OF 6414-Z LOT 92 DEPICTED ON THIS SURVEY HAS NO PHYSICAL ACCESS TO STORRS STREET.
- ADDITIONAL INFORMATION THAT SUCH A REPORT WOULD DISCLOSE.

PLAN REFERENCES

1) TRENT DELEHANTY, CERTIFIED WETLAND SCIENTIST (NH CWS #555) AND KRISTOPHER WILKES (NH CWS #288), CONDUCTED A FIELD AND DESKTOP REVIEW OF THE PROJECT AREA ON OCTOBER 30, 2025. NO JURISDICTIONAL RESOURCES WERE IDENTIFIED WITHIN THE PROJECT AREA.



Wetland Notes

- 1) "LAND IN CONCORD, NH BOSTON AND MAINE CORPORATION TO TSUNIS HOLDINGS, INC." DATED 5-24-88, PREPARED BY HOLDEN ENGINEERING, RECORDED AT MERRIMACK COUNTY REGISTRY OF DEEDS AS PLAN #11145.
- 2) "SUBDIVISION PLAN (MAP 46A, BLOCK 2, LOT 1), 11 STICKNEY AVENUE, CONCORD, NEW HAMPSHIRE PREPARED FOR: BRADY SULLIVAN PROPERTIES, LLC, RECORD OWNER: STATE OF NEW HAMPSHIRE" DATED 14 SEPTEMBER 2021, PREPARED BY HAYNER/SWANSON, INC., RECORDED AT MERRIMACK COUNTY REGISTRY OF DEEDS AS PLAN #202200012927.
- 3) "SITE PLAN TSUNIS HOLDING, INC CONCORD, NH" DATED 1-5-88, PREPARED BY HOLDEN ENGINEERING, ON FILE AT THE CITY OF CONCORD ENGINEERING DEPARTMENT AS PLAN #1619
- 4) "EXISTING CONDITIONS PLAN (MAP 46A, BLOCK2, LOT 1), 11 STICKNEY AVENUE, CONCORD, NEW HAMPSHIRE, DATED 20 AUG 2021, DATED 20 AUG 2021, PREPARED BY HAYNER/SWANSON, INC., ON FILE AT THE CITY OF CONCORD ENGINEERING DEPARTMENT AS PLAN #4231.
- 5) "BOUNDARY, TOPOGRAPHY & UTILITY SURVEY FOR U-HAUL REAL ESTATE DEPT." JUNE 13, 1980, SURVEYED BY RICHARD D. BARTLETT R.L.S., ON FILE AT THE CITY OF CONCORD ENGINEERING DEPARTMENT AS PLAN 4419
- 6) "BOUNDARY SURVEY DRAFT, TAX MAP 641Z LOT 33, 10-12 HIGGINS PLACE, CONCORD NH 03301" DATED FEBRUARY 17, 2025, PREPARED J.E. BELANGER LAND SURVEYING PLLC, ON FILE AT THE CITY OF CONCORD ENGINEERING DEPARTMENT AS PLAN 4579.
- 7) "ALTA/CASM LAND TITLE SURVEY FOR U-HAUL 2012 PROJECT, B&C PROJECT 201200056, 033, TWENTY SEVEN SAC 790061, 28 STICKNEY AVENUE, CONCORD NH 03301" DATED JANUARY 30, 2012, LAST REVISED MARCH 21, 2012, PREPARED BY OWEN HASKELL, INC. FOR BOCK & CLARKS'S NATIONAL SURVEYORS NETWORK, ON FILE AT THE CITY OF CONCORD ENGINEERING DEPARTMENT AS PLAN

Survey Endorsement

IN NH LAN 503.

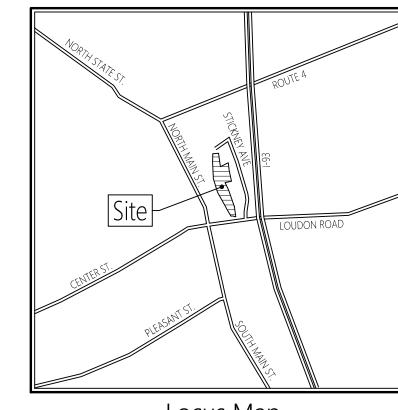
DATE

TO THE BEST OF PROFESSIONAL KNOWLEDGE, INFORMATION, AND BELIEF, THIS SURVEY WAS

PREPARED; FROM PLANS AND DEEDS OF RECORD, WAS MADE FROM A FIELD SURVEY SUPERVISED BY

ME, AND IN ORDINARY STANDARD OF CARE EXERCISED IN A STANDARD PROPERTY SURVEY OUTLINED

LICENSED LAND SURVEYOR



Locus Map

8"TREE DECIDUOUS TREE WITH SIZE

6"TREE CONIFEROUS TREE WITH SIZE

<u>P51) (C)</u> DRAINAGE LINE W/PIPE NUMBER

— — (P41) (C) SEWER LINE W/PIPE NUMBER

— E UNDERGROUND ELECTRIC

& ASCE SUE LEVEL CLASSIFICATION

& ASCE SUE LEVEL CLASSIFICATION

EDGE OF PAVEMENT

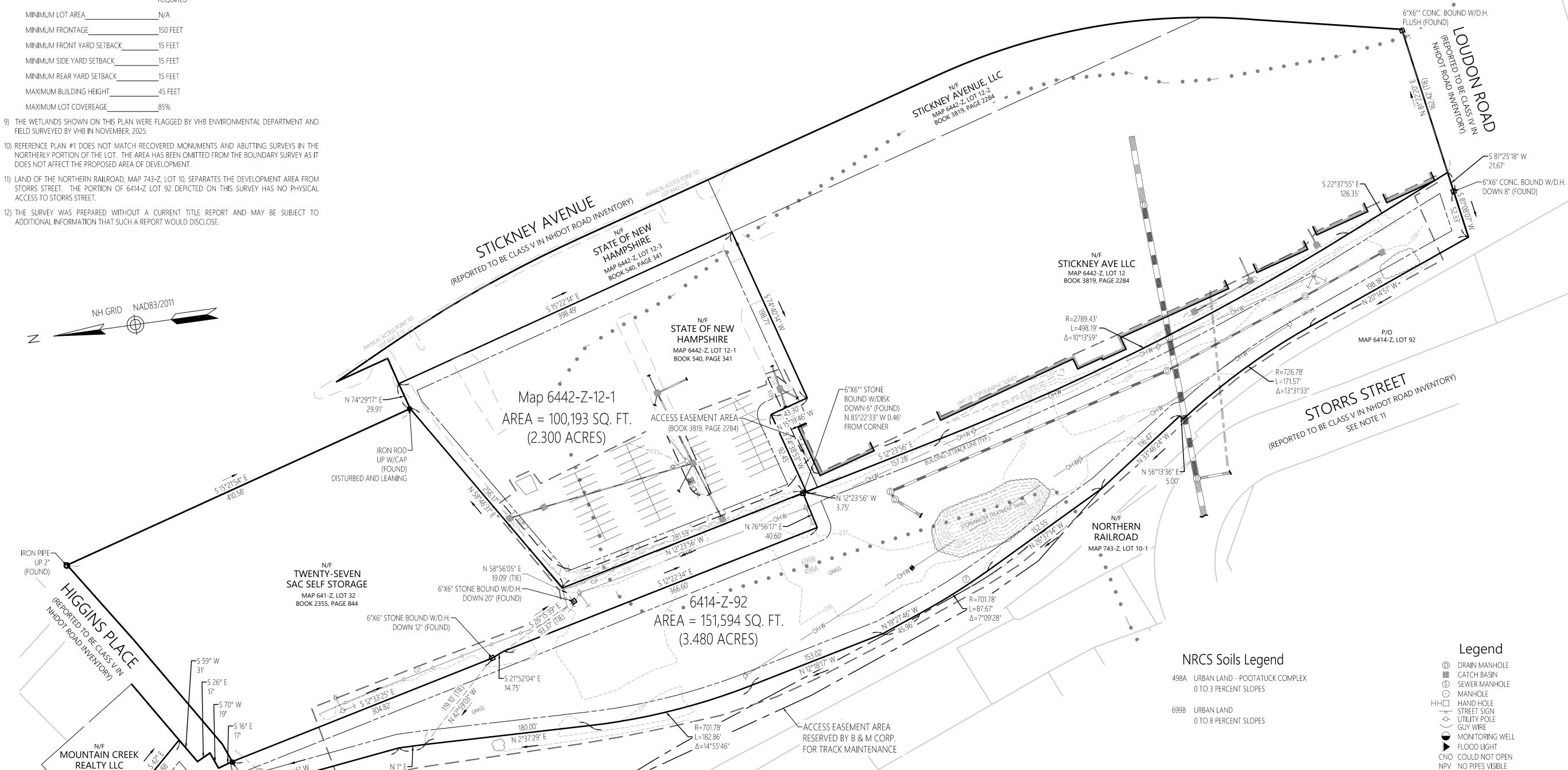
-онw--- OVERHEAD WIRE

T TELEPHONE LINE — g — GAS LINE

-----w ------ WATER LINE TREE LINE



603.391.3900



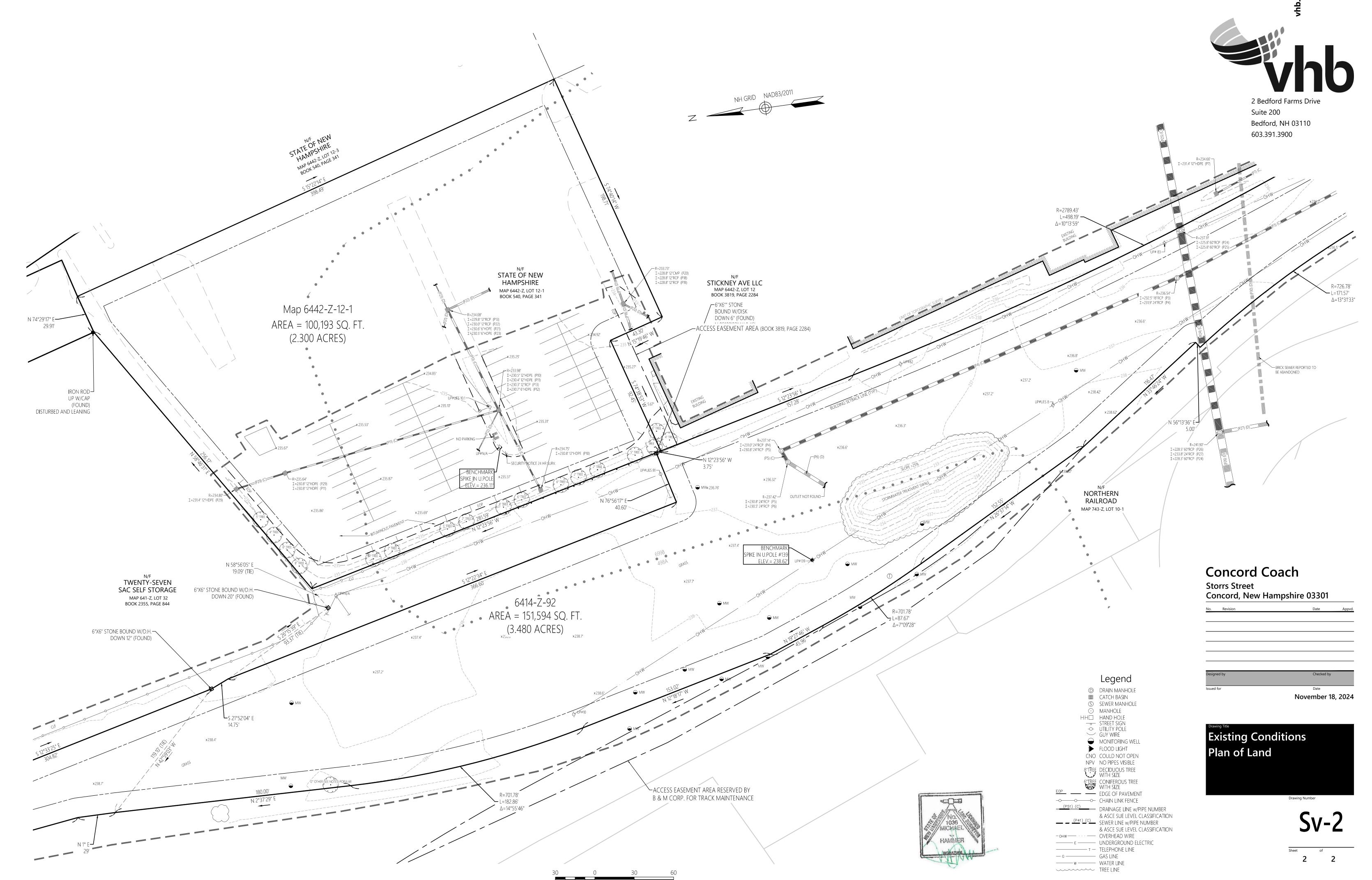
SCALE IN FEET



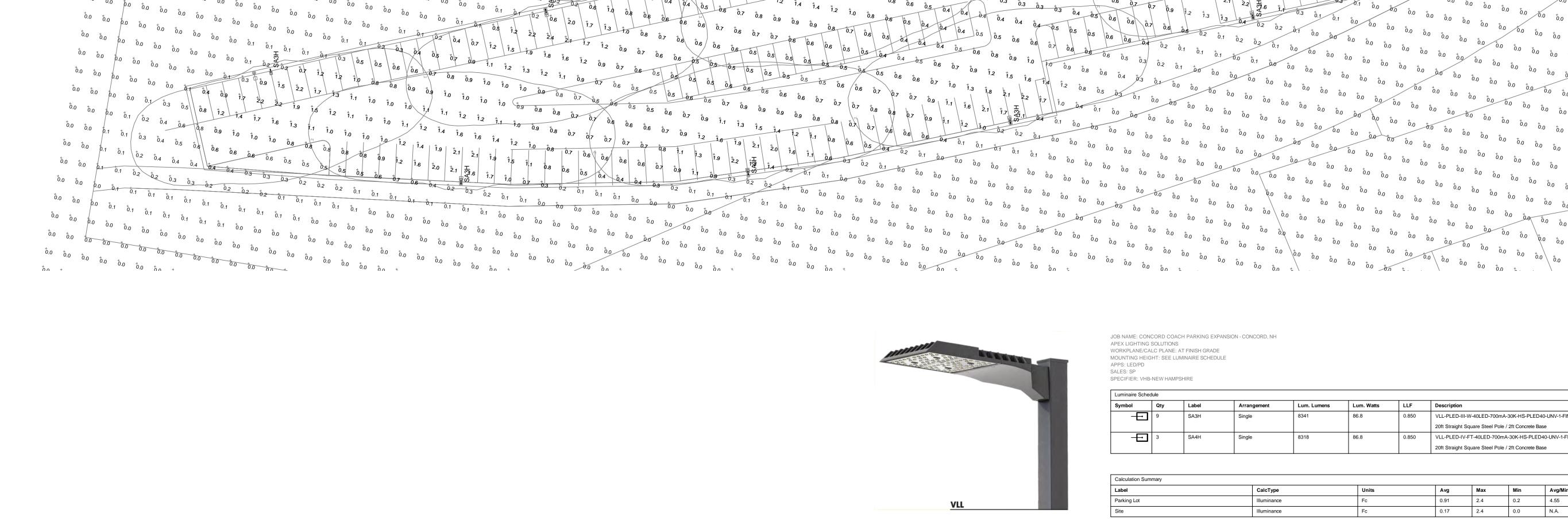
Storrs Street Concord, New Hampshire 03301

No.	Revision	Date	Appvd
Designe	ed by	Checked by	
Issued f	or	Date	
		November 4,	2025

Existing Conditions Plan of Land



SCALE IN FEET



JOB NAME: CONCORD COACH PARKING EXPANSION - CONCORD NH APEX LIGHTING SOLUTIONS WORKPLANE/CALC PLANE: AT FINISH GRADE MOUNTING HEIGHT: SEE LUMINAIRE SCHEDULE APPS: LED/PD

SALES: SP SPECIFIER: VHB-NEW HAMPSHIRE

Luminaire Sched	Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Lum. Lumens Lum. Watts LLF Description		[MANUFAC]	Filename			
 	9	SA3H	Single	8341	86.8	0.850	VLL-PLED-III-W-40LED-700mA-30K-HS-PLED40-UNV-1-FINISH /	U.S. ARCHITECTURAL	VLL-PLED-III-W-40LED-	
							20ft Straight Square Steel Pole / 2ft Concrete Base	LIGHTING	700mA-30K-HS.ies	
	3	SA4H	Single	8318	86.8	0.850	VLL-PLED-IV-FT-40LED-700mA-30K-HS-PLED40-UNV-1-FINISH /	U.S. ARCHITECTURAL	VLL-PLED-IV-FT-40LED-	
							20ft Straight Square Steel Pole / 2ft Concrete Base	LIGHTING	700mA-30K-HS.ies	

Calculation Summary									
Label	СаІсТуре	Units	Avg	Мах	Min	Avg/Min	Max/Min	Description	
Parking Lot	Illuminance	Fc	0.91	2.4	0.2	4.55	12.00	10ft Grid	
Site	Illuminance	Fc	0.17	2.4	0.0	N.A.	N.A.	10ft Grid	

GENERAL DISCLAIMER:

Calculations have been performed according to IES standards and good practice Some differences between measured values and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the lighting calculations. If the real environment conditions do not match the

** So fin in (0) No fin in (0)

10 pt 20 pt

50 An for \$0 An 50 An 50

30 ân fu 50 30 ân iu 30 50 80 ân iu 30 ân iu 30 ân iu 30 ân iu 50 ân iu 50

At the first ten first ten

input data, differences will occur between measured values and calculated values. * LLF Determined Using Current Published Lamp Data

NOTE TO REVIEWER:

Total Light Loss Factor (LLF) applied at time of design is determined by applying the Lamp Lumen Depreciation (LLD) from current lamp manufacturer's catalog, a Luminaire Dirt Depreciation Factor (LDD) based on IES recommended values and a Ballast Factor (BF) from current ballast specification sheets. Application of an incorrect Light Loss Factor (LLF) will result in forecasts of performance that

will not accurately depict actual results. For proper comparison of photometric layouts, it is essential that you insist all designers use correct Light Loss Factors.



20-30 BEAVER ROAD, WETHERSFIELD, CT 06109

TELEPHONE 860.632.8766 / WWW.APEXLTG.COM

LIGHTING SOLUTIONS

PROJECT TITLE:

CONCORD COACH PARKING EXPANSION CONCORD, NH

DRAWING TITLE:

SITE LIGHTING PHOTOMETRIC CALCULATION

SCALE: 1"=30'-0"

DATE: 11/17/25

DRAWN BY: LED

SHEET:

FILE NAME: 2025-11-17 SL-1 CONCORD COACH PARKING EXPANSION - CONCORD, NH.dwg