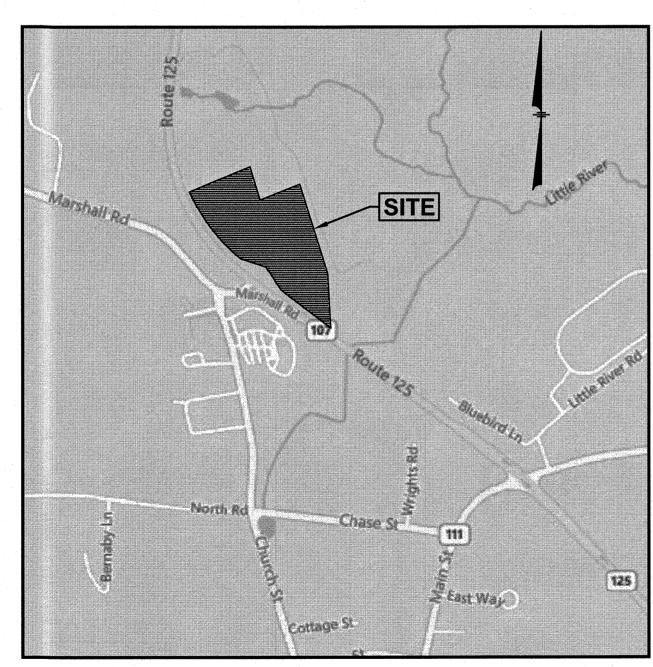
PROPOSED RETAIL MOTOR FUEL OUTLET SITE DEVELOPMENT PLANS

for

ASSESSORS MAP R-40 LOT 15
249 NH ROUTE 125
KINGSTON, NEW HAMPSHIRE
Prepared for:

SUMMIT DISTRIBUTING, LLC 240 MECHANIC STREET LEBANON, NH 03766



LOCATION MAP

(NOT TO SCALE)

INDEX TO DRAWINGS

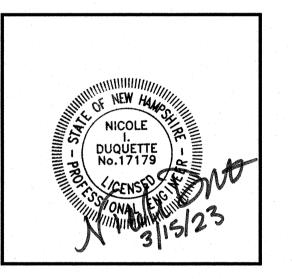
- . TITLE SHEET
- 2. PARTIAL EXISTING CONDITIONS PLAN
- . SITE OVERVIEW PLAN
- 4. SITE PLAN
- 5. GRADING & DRAINAGE PLAN
- . UTILITY PLAN
- 7. EROSION & SEDIMENT CONTROL PLAN
 - LANDSCAPE PLAN
- 9. DETAIL SHEET
- 10. DETAIL SHEET
- 1. DETAIL SHEET
- 2. DETAIL SHEET
- 13. DETAIL SHEET
- 1 OF 1 TRUCK TURN PLAN (TT)
- 1 OF 2. LIGHTING PLAN (RL-7760-S1)
- 2 OF 2. LIGHTING DETAILS (RL-7760-S1)
 1 OF 1. EXTERIOR ELEVATIONS (E1) (BY OTHERS)

Engineering
Design
Planning
Construction Manage
603.893.0720
GPINET.COM
Greenman-Pedersen, Inc.
44 Stiles Road, Suite One

PREPARED FOR

SUMMIT DISTRIBUTING, L 240 MECHANIC STREET LEBANON, NH 03766

> 249 N.H. ROUTE 125 KINGSTON, NEW HAMPSHIRE 0384



	KEVISIONS				
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	2	ADD WILD PROTECTION		6/16/22	
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TITLE SHEET

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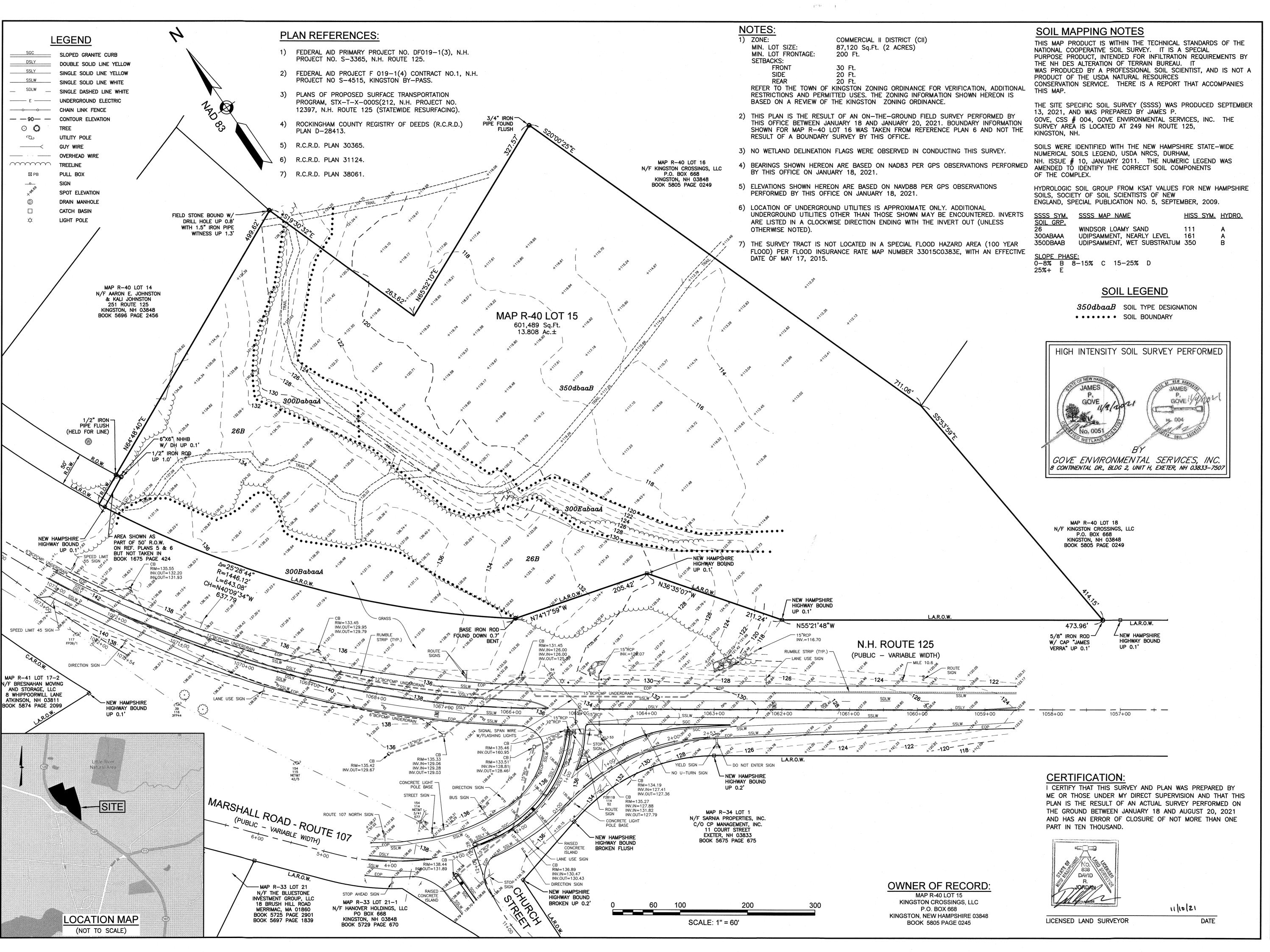
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ROJECT NO. NEX-2020294

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WILDLIFE PROTECTION NOTES:

- ALL OBSERVATIONS OF THREATENED OR ENDANGERED SPECIES SHALL BE REPORTED IMMEDIATELY TO THE NEW HAMPSHIRE FISH AND GAME DEPARTMENT NONGAME AND ENDANGERED WILDLIFE ENVIRONMENTAL REVIEW PROGRAM BY PHONE AT 603–271–2461 AND BY EMAIL AT NHFGREVIEW@WILDLIFE.NH.GOV. EMAIL SUBJECT LINE: NHB21–1290. PROPOSED RETAIL MOTOR FUEL OUTLET. WILDLIFE SPECIES OBSERVATION.
- PHOTOGRAPHS OF THE OBSERVED SPECIES AND NEARBY ELEMENTS OF HABITAT OR AREAS OF LAND DISTURBANCE SHALL BE PROVIDED TO NHF&G IN DIGITAL FORMAT AT THE ABOVE EMAIL ADDRESS FOR VERIFICATION AS FEASIBLE;
- IN THE EVENT A THREATENED OR ENDANGERED SPECIES IS OBSERVED ON THE PROJECT SITE DURING THE TERM OF THE PERMIT, THE SPECIES SHALL NOT BE DISTURBED, HANDLED, OR HARMED IN ANY WAY PRIOR TO CONSULTATION WITH NHF&G AND IMPLEMENTATION OF CORRECTIVE ACTIONS RECOMMENDED BY NHF&G, IF ANY, TO ASSURE THE PROJECT DOES NOT APPRECIABLY JEOPARDIZE THE CONTINUED EXISTENCE OF THREATENED AND ENDANGERED SPECIES AS DEFINED IN FIS 1002.04
- THE NHF&G, INCLUDING ITS EMPLOYEES AND AUTHORIZED AGENTS, SHALL HAVE ACCESS TO THE PROPERTY DURING THE TERM OF THE PERMIT.



Engineering Design Planning Construction Manage 603.893.0720 GPINET.COM

Greenman-Pedersen, Inc. 44 Stiles Road, Suite One Salem, NH 03079

PREPARED FOR

SUMMIT DISTRIBUTING, LLC 240 MECHANIC STREET LEBANON, NH 03766

> ASSESSORS MAP R-40 LOLLS 249 N.H. ROUTE 125 KINGSTON, NEW HAMPSHIRE 03848

REVISIONS

NO. REVISION DATE

NOVEMBER 10, 2021

DRAWN/DESIGN BY CHECKED BY
NIG/AKC DRJ

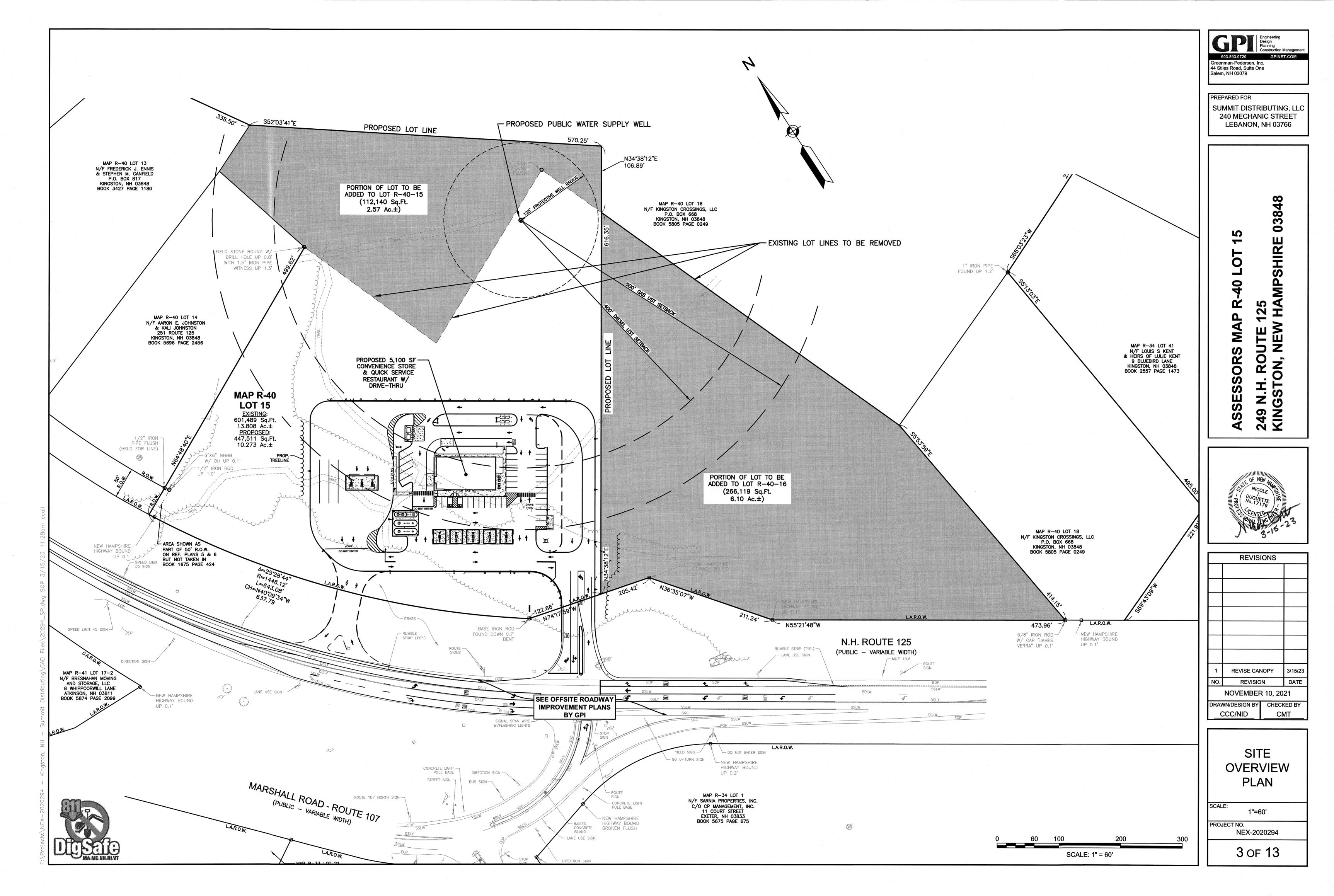
PARTIAL EXISTING CONDITIONS PLAN

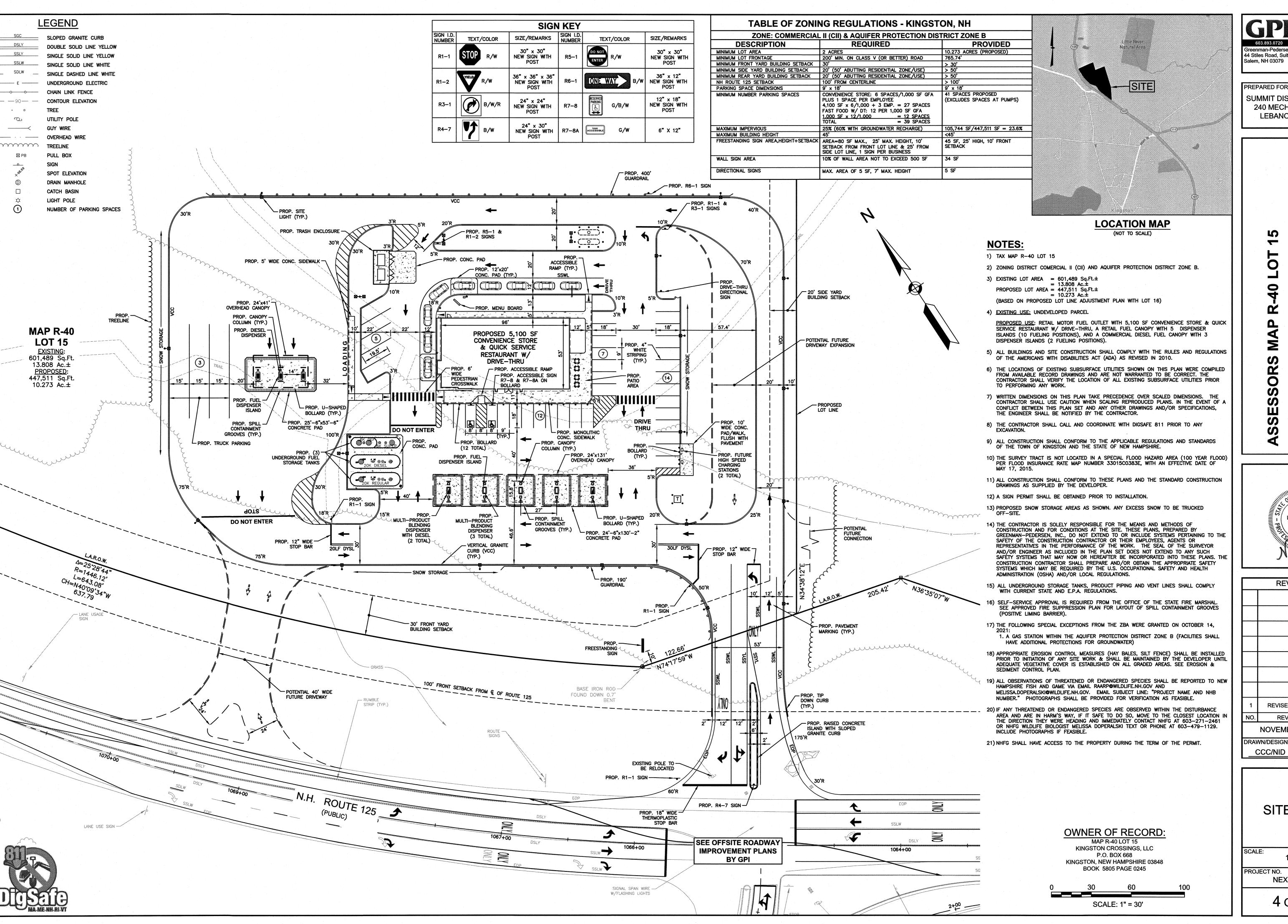
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NEX-2020294



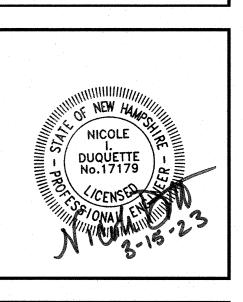


44 Stiles Road, Suite One Salem, NH 03079

PREPARED FOR

SUMMIT DISTRIBUTING, LLC 240 MECHANIC STREET LEBANON, NH 03766

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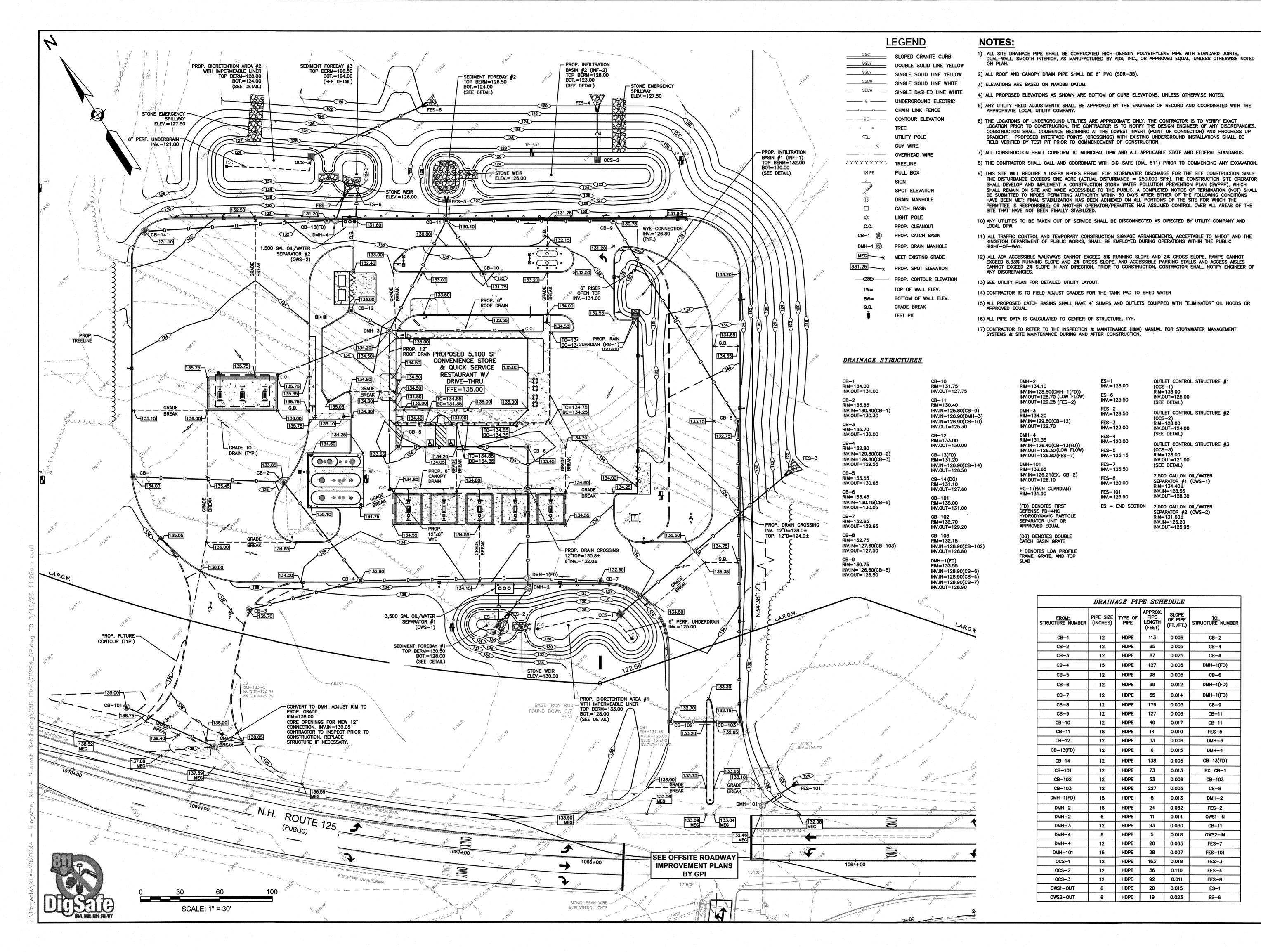
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SITE PLAN

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SCALE: 1"=30'

PROJECT NO. NEX-2020294



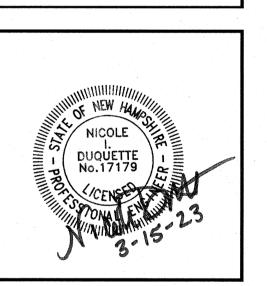


PREPARED FOR

Salem, NH 03079

SUMMIT DISTRIBUTING, LLC 240 MECHANIC STREET LEBANON, NH 03766

> 49 N.H. ROUTE 125 INGSTON, NEW HAMPSHIRE 03848

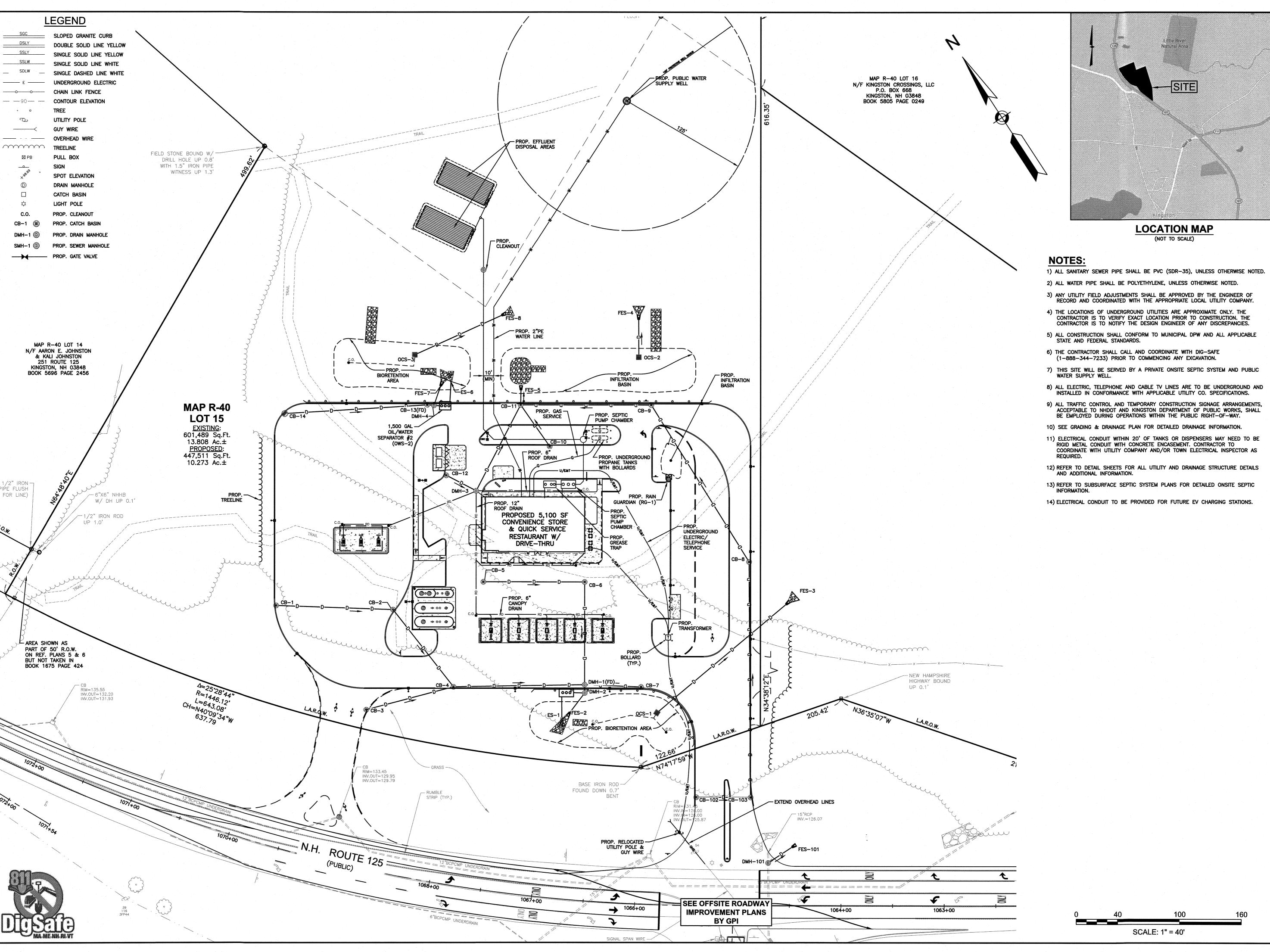


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GRADING &
DRAINAGE
PLAN

1"=30'
PROJECT NO.
NEX-2020294

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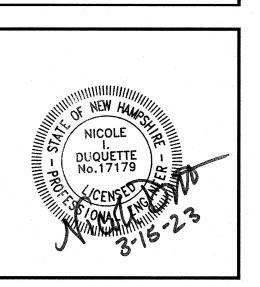




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SUMMIT DISTRIBUTING, LLC 240 MECHANIC STREET LEBANON, NH 03766

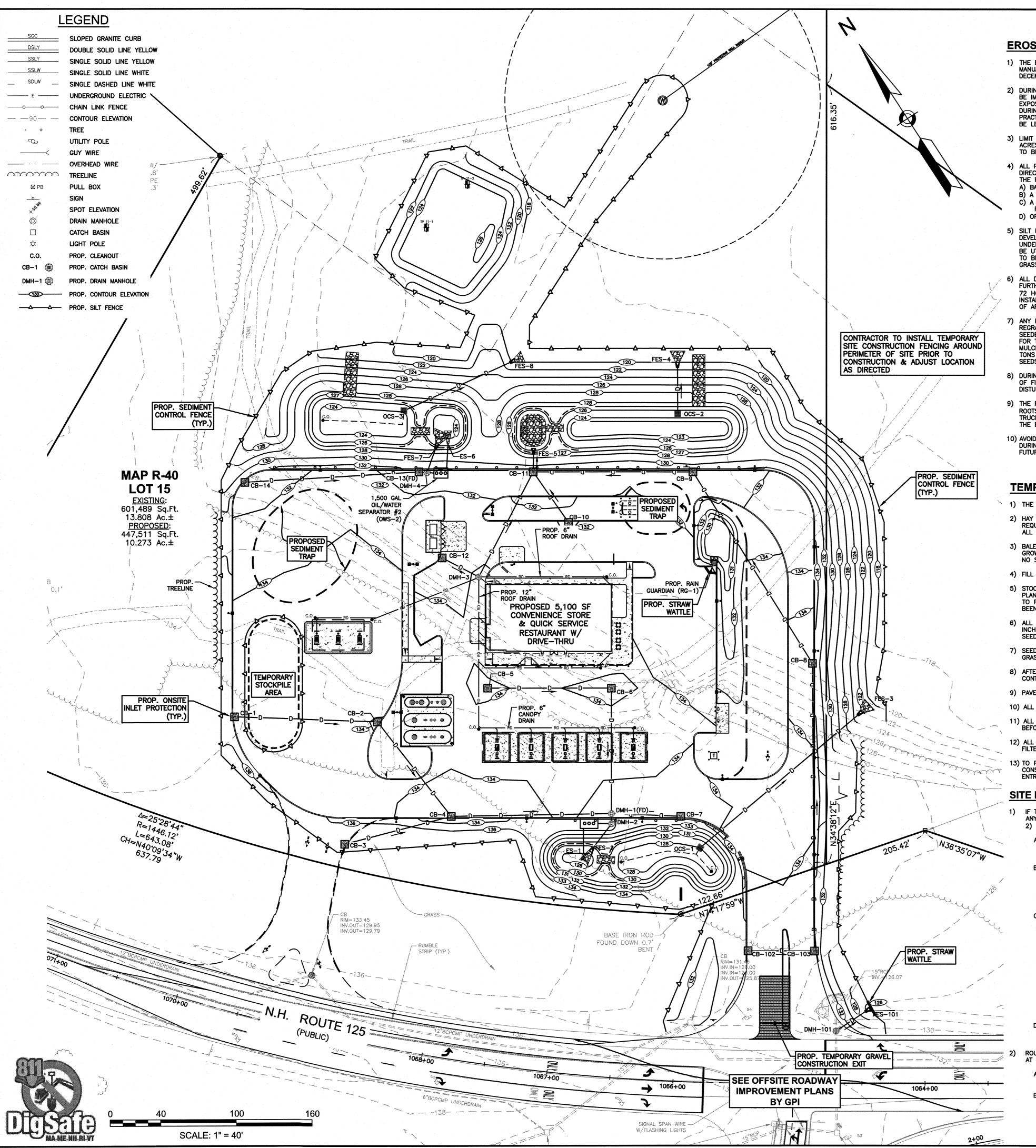
> 249 N.H. ROUTE 125 KINGSTON, NEW HAMPSHIRE 0384



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1"=40" PROJECT NO. NEX-2020294



EROSION CONTROL NOTES:

- THE EROSION CONTROL PROCEDURES SHALL CONFORM TO THE NH STORMWATER MANUAL, VOLUME 3, EROSION & SEDIMENT CONTROLS DURING CONSTRUCTION, DECEMBER 2008, OR LATEST EDITION.
- 2) DURING CONSTRUCTION AND THEREAFTER, EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED AS NOTED: THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT. WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHOULD BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME AS APPROVED BY THE ENGINEER. LAND SHOULD NOT BE LEFT EXPOSED DURING THE WINTER MONTHS.
- 3) LIMIT OF MAXIMUM AREA OF EXPOSED SOIL AT ANY ONE TIME TO LESS THAN 5 ACRES. THE EXPOSED AREA THAT IS BEING ACTIVELY WORKED DURING WINTER IS TO BE LESS THAN 3 ACRES DURING THE WINTER SEASON.
- 4) ALL PERMANENT STORM WATER STRUCTURES SHALL BE STABILIZED PRIOR TO DIRECTING FLOW INTO THEM. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURED:

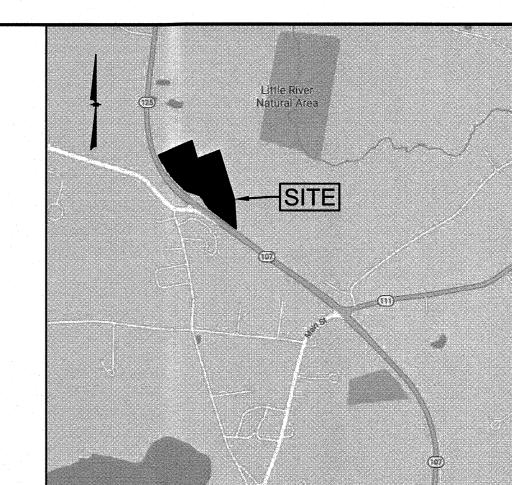
 A) BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
 B) A MINIMUM OF 85 PERCENT VEGETATED GROWTH HAS BEEN ESTABLISHED.
 C) A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP-RAP HAS BEEN INSTALLED.
- D) OR, EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- 5) SILT FENCE SHALL BE INSTALLED AND MAINTAINED DURING AND AFTER DEVELOPMENT TO REMOVE SEDIMENT FROM RUNOFF WATER AND FROM LAND UNDERGOING DEVELOPMENT. WHERE POSSIBLE, NATURAL DRAINAGE WAYS SHOULD BE UTILIZED AND LEFT OPEN TO REMOVE EXCESS SURFACE WATER. SILT FENCE TO BE MAINTAINED AND CLEANED UNTIL ALL SLOPES HAVE A HEALTHY STAND OF GRASS.
- 6) ALL DISTURBED AREAS AND SIDE SLOPES WHICH ARE FINISHED GRADED, WITH NO FURTHER CONSTRUCTION TO TAKE PLACE, SHALL BE LOAMED AND SEEDED WITHIN 72 HOURS AFTER FINAL GRADING. A MINIMUM OF 4" OF LOAM SHALL BE INSTALLED WITH NOT LESS THAN ONE POUND OF SEED PER 50 SQUARE YARDS OF AREA. THE SEED MIX SHALL BE AS DESIGNATED BELOW.
- 7) ANY DISTURBED AREAS WHICH ARE TO BE LEFT TEMPORARILY, AND WHICH WILL BE REGRADED LATER DURING CONSTRUCTION SHALL BE MACHINE HAY MULCHED AND SEEDED WITH RYE GRASS TO PREVENT EROSION. THE MAXIMUM LENGTH OF TIME FOR THE EXPOSURE OF DISTURBED SOILS SHALL BE 45 DAYS. HAY OR STRAW MULCH SHALL BE APPLIED TO ALL FRESHLY SEEDED AREAS AT THE RATE OF 2 TONS PER ACRE. BALES SHALL BE UNSPOILED, AIR DRIED, AND FREE FROM WEED, SEEDS AND ANY COARSE MATERIAL.
- 8) DURING GRADING OPERATIONS INSTALL HAY BALE BARRIERS ALONG TOE OF SLOPE OF FILL AREAS WHERE SHOWN. BARRIERS ARE TO BE MAINTAINED UNTIL DISTURBED AREAS ARE PAVED OR GRASSED.
- 9) THE FILL MATERIAL SHALL BE OF APPROVED SOIL TYPE FREE FROM STUMPS, ROOTS, WOOD, ETC. TO BE PLACED IN 12" LIFTS OR AS SPECIFIED. BULLDOZERS, TRUCKS, TRACTORS, OR ROLLERS MAY BE USED FOR COMPACTION BY ROUTING THE EQUIPMENT TO ALL AREAS OR EACH LAYER.
- 10) AVOID THE USE OF FUTURE OPEN SPACES (LOAM & SEED) WHEREVER POSSIBLE DURING CONSTRUCTION. CONSTRUCTION TRAFFIC SHALL USE THE ROADBEDS OF FUTURE ROADS

TEMPORARY EROSION CONTROL MEASURES:

- 1) THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME.
- 2) HAY BALE BARRIERS AND SEDIMENT CONTROL FENCE SHALL BE INSTALLED AS REQUIRED. BARRIERS AND FENCE ARE TO BE MAINTAINED AND CLEANED UNTIL ALL SLOPES HAVE A HEALTHY STAND OF GRASS.
- 3) BALED HAY AND MULCH SHALL BE MOWINGS OF ACCEPTABLE HERBACEOUS GROWTH, FREE FROM NOXIOUS WEEDS OR WOODY STEMS, AND SHALL BE DRY. NO SALT HAY SHALL BE USED.
- 4) FILL MATERIAL SHALL BE FREE FROM STUMPS, WOOD, ROOTS, ETC.
- 5) STOCKPILED MATERIALS SHALL BE PLACED ONLY IN AREAS SHOWN ON THE PLANS. STOCKPILES SHALL BE PROTECTED BY HAY BALE BARRIERS AND SEEDED TO PREVENT EROSION. THESE MEASURES SHALL REMAIN UNTIL ALL MATERIAL HAS BEEN PLACED OR DISPOSED OFF SITE.
- 6) ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED. A MINIMUM OF 4 INCHES OF LOAM SHALL BE INSTALLED WITH NOT LESS THAN ONE POUND OF SEED PER 50 SQUARE YARDS OF AREA.
- 7) SEED MIX SHALL BE EQUAL PARTS OF RED FESCUE (CREEPING), KENTUCKY BLUE GRASS, REDTOP, PERENNIAL RYEGRASS.
- 8) AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED.
- 9) PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
- 10) ALL CATCH BASIN INLETS WILL BE PROTECTED WITH INLET PROTECTION.
- 11) ALL STORM DRAINAGE OUTLETS WILL BE STABILIZED AND CLEANED AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
- 12) ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTER AREA.
- 13) TO PREVENT TRACKING OF SEDIMENT ONTO THE EXISTING ROADS, ALL CONSTRUCTION TRAFFIC CAN ONLY EXIT THE SITE OVER THE CONSTRUCTION ENTRANCES SHOWN ON THIS PLAN.

SITE INSPECTION NOTES:

- 1) IF THE AREA OF DISTURBANCE DURING CONSTRUCTION EXCEEDS 5 ACRES AT ANY ONE TIME, AN ENVIRONMENTAL MONITOR SHALL BE EMPLOYED. SUBJECT TO 2) BELOW, THE ENVIRONMENTAL MONITOR SHALL:
- A) INSPECT THE PROJECT SITE AT LEAST ONCE EACH WEEK FROM THE START OF TERRAIN ALTERATION ACTIVITIES UNTIL ALL TERRAIN ACTIVITIES ARE COMPLETED AND THE SITE IS STABILIZED;
- B) IN ADDITION TO REGULAR WEEKLY INSPECTIONS, INSPECT THE PROJECT SITE DURING ANY RAIN EVENT IN WHICH 0.5 INCH OF PRECIPITATION OR MORE FALLS WITHIN A 24 HOUR PERIOD, PROVIDED THAT IF THE ENVIRONMENTAL MONITOR IS UNABLE TO BE PRESENT DURING SUCH A STORM, THE MONITOR SHALL INSPECT THE SITE WITHIN 24 HOURS OF THE RAIN EVENT;
- C) SUBMIT A WRITTEN REPORT, STAMPED BY A QUALIFIED ENGINEER OR A CPESC SPECIALIST, TO THE DEPARTMENT WITHIN 24 HOURS OF EACH INSPECTION THAT:
- i. DESCRIBES THE PROGRESS OF THE PROJECT, INCLUDING WHETHER ALL CONDITIONS OF THE PERMIT ARE BEING MET AND, IF NOTE, WHICH REQUIREMENTS ARE NOT BEING MET:
- ii. IF ANY REQUIREMENTS ARE NOT BEING MET, AN EXPLANATION OF THE CORRECTIVE ACTION(S) THAT WILL BE OR ARE BEING TAKEN TO BRING THE PROJECT INTO COMPLIANCE WITH APPLICABLE REQUIREMENTS AND THE DEADLINE BY WHICH SUCH ACTIONS WILL BE COMPLETED; AND
- iii. INCLUDES PHOTOGRAPHS OF THE SITE THAT ARE REPRESENTATIVE OF THE PROJECT; AND
- D) RETAIN A COPY OF THE REPORT PREPARED PURSUANT TO (iii), ABOVE, ON-SITE FOR REVIEW DURING SITE INSPECTIONS BY FEDERAL, STATE, AND LOCAL OFFICIALS.
- ROUTINE INSPECTION FREQUENCY MAY BE REDUCED FROM ONCE EACH WEEK TO AT LEAST ONCE EACH MONTH IF EITHER OF THE FOLLOWING CONDITIONS IS MET:
- A) WORK HAS BEEN SUSPENDED AND THE ENTIRE SITE IS STABILIZED IN ACCORDANCE WITH ENV-WQ 1505.04: OR
- B) RUNOFF IS UNLIKELY BECAUSE:
- i. THE GROUND IS FROZEN OR THE SITE IS COVERED WITH SNOW OR ICE: AND
- ii. THE PROJECT IS IN AN AREA WHERE FROZEN CONDITIONS ARE ANTICIPATED TO CONTINUE FOR MORE THAN ONE MONTH.



LOCATION MAP

(NOT TO SCALE)

CONSTRUCTION SEQUENCE:

- 1) SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY ON-SITE CONSTRUCTION AS SHOWN. ADDITIONAL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED AS SOON AS PRACTICAL.
- 2) REMOVE AND STOCKPILE SOIL AS REQUIRED. STOCKPILE SHALL BE SURROUNDED WITH HAYBALES TO PREVENT EROSION.
- 3) CONSTRUCT DRIVEWAYS AND PERFORM SITE GRADING.
- 4) INSTALL UNDERGROUND UTILITIES & DRAINAGE.
- 5) BEGIN TEMPORARY AND PERMANENT SEEDING AND MULCHING. ALL CUT AND FILL SLOPES SHALL BE SEEDED OR MULCHED IMMEDIATELY AFTER THEIR CONSTRUCTION.
- 6) DAILY, OR AS REQUIRED, CONSTRUCT, INSPECT, AND IF NECESSARY, RECONSTRUCT TEMPORARY BERMS, DRAINS, DITCHES, SILT FENCES, HAYBALES AND SEDIMENT TRAPS INCLUDING MULCHING AND SEDING.
- 7) BEGIN EXCAVATION FOR AND CONSTRUCTION OF BUILDINGS.
- 8) FINISH PAVING ALL DRIVES AND PARKING AREAS. CLEAN ALL DRAINAGE STRUCTURES.
- 9) COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- 10) AFTER GRASS HAS BEEN FULLY GERMINATED IN ALL SEEDED AREAS, REMOVE ALL TEMPORARY EROSION CONTROL MEASURES.

WINTER STABILIZATION NOTES:

MAINTENANCE REQUIREMENTS:
MAINTENANCE MEASURES SHOULD CONTINUE AS NEEDED THROUGHOUT
CONSTRUCTION, INCLUDING THE OVER—WINTER PERIOD. AFTER EACH RAINFALL,
SNOWSTORM, OR PERIOD OF THAWING AND RUNOFF, THE SITE CONTRACTOR
SHOULD CONDUCT AN INSPECTION OF ALL INSTALLED EROSION CONTROL MEASURES
AND PERFORM REPAIRS AS NEEDED TO INSURE THEIR CONTINUING FUNCTION.
FOR ANY AREA STABILIZED BY TEMPORARY OR PERMANENT SEEDING PRIOR TO THE
ONSET OF THE WINTER SEASON, THE CONTRACTOR SHOULD CONDUCT AN
INSPECTION IN THE SPRING TO ASCERTAIN THE CONDITION OF VEGETATION COVER,
AND REPAIR ANY DAMAGE AREAS OR BARE SPOTS AND RESEED AS REQUIRED TO
ACHIEVE AN ESTABLISHED VEGETATIVE COVER (AT LEAST 85% OF AREA VEGETATED
WITH HEALTHY, VIGOROUS GROWTH).

SPECIFICATIONS:
TO ADEQUATELY PROTECT WATER QUALITY DURING COLD WEATHER AND DURING SPRING RUNOFF, THE FOLLOWING STABILIZATION TECHNIQUES SHOULD BE EMPLOYED DURING THE PERIOD FROM OCTOBER 15TH THROUGH MAY 15TH.

- 1) THE AREA OF EXPOSED, UNSTABILIZED SOIL SHOULD BE LIMITED TO ONE ACRE AND SHOULD BE PROTECTED AGAINST EROSION BY THE METHODS DESCRIBED IN THIS SECTION PRIOR TO ANY THAW OR SPRING MELT EVENT. SUBJECT TO APPLICABLE REGULATIONS, THE ALLOWABLE AREA OF EXPOSED SOIL MAY BE INCREASED IF ACTIVITIES ARE CONDUCTED ACCORDING TO A WINTER CONSTRUCTION PLAN, DEVELOPED BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF NEW HAMPSHIRE OR A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL AS CERTIFIED BY THE CSPESC COUNCIL OF ENVIROCERT INTERNATIONAL, INC.
- 2) STABILIZATION AS FOLLOWS SHOULD BE COMPLETED WITHIN A DAY OF ESTABLISHING THE GRADE THAT IS FINAL OR THAT OTHERWISE WILL EXIST FOR MORE THAN 5 DAYS:
- A. ALL PROPOSED VEGETATED AREAS HAVING A SLOPE OF LESS THAN 15% WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHOULD BE SEEDED AND COVERED WITH 3 TO 4 TONS OF HAY OR STRAW MULCH PER ACRE SECURED WITH ANCHORED NETTING, OR 2 INCHES OF EROSION CONTROL MIX (SEE DESCRIPTION OF EROSION CONTROL MIX BERMS FOR MATERIAL SPECIFICATION).
- DESCRIPTION OF EROSION CONTROL MIX BERMS FOR MATERIAL SPECIFICATION).

 B. ALL PROPOSED VEGETATED AREAS HAVING A SLOPE OF GREATER OOTHAN 15% WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHOULD BE SEEDED AND COVERED WITH A PROPERLY INSTALLED AND ANCHORED EROSION CONTROL BLANKET OR WITH A MINIMUM 4 INCH THICKNESS OF EROSION CONTROL MIX, UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER. NOTE THAT COMPOST BLANKETS SHOULD NOT EXCEED 2 INCHES IN THICKNESS OR THEY MAY
- 3) ALL STONE-COVERED SLOPES MUST BE CONSTRUCTED AND STABILIZED BY OCTOBER 15.
- 4) INSTALLATION OF ANCHORED HAY MULCH OR EROSION CONTROL MIX SHOULD NOT OCCUR OVER SNOW OF GREATER THAN ONE INCH IN DEPTH.
- 5) ALL MULCH APPLIED DURING WINTER SHOULD BE ANCHORED (E.G., BY NETTING, TRACKING, WOOD CELLULOSE FIBER).
 6) STOCKPILES OF SOIL MATERIALS SHOULD BE MULCHED FOR OVER WINTER PROTECTION WITH HAY OR STRAW AT TWICE THE NORMAL RATE OR WITH A FOUR-INCH LAYER OF EROSION CONTROL MIX. MULCHING SHOULD BE DONE WITHIN 24 HOURS OF STOCKING, AND RE-ESTABLISHED PRIOR TO ANY
- RAINFALL OR SNOWFALL. NO SOIL STOCKPILE SHOULD BE PLACED (EVEN COVERED WITH MULCH) WITHIN 100 FEET FROM ANY WETLAND OR OTHER WATER RESOURCE AREA.

 7) FROZEN MATERIALS, (E.G., FROST LAYER THAT IS REMOVED DURING WINTER CONSTRUCTION), SHOULD BE STOCKPILED SEPARATELY AND IN A LOCATION THAT IS AWAY FROM ANY AREA NEEDING TO BE PROTECTED. STOCKPILES OF
- THAT IS AWAY FROM ANY AREA NEEDING TO BE PROTECTED. STOCKPILES OF FROZEN MATERIAL CAN MELT IN THE SPRING AND BECOME UNWORKABLE AND DIFFICULT TO TRANSPORT DUE TO THE HIGH MOISTURE CONTENT IN THE SOIL.

 8) INSTALLATION OF EROSION CONTROL BLANKETS SHOULD NOT OCCUR OVER SNOW OF GREATER THAN ONE INCH IN DEPTH OR ON FROZEN GROUND.
- 9) ALL GRASS—LINED DITCHES AND CHANNELS SHOULD BE CONSTRUCTED AND STABILIZED BY SEPTEMBER 1. ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHOULD BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS, AS DETERMINED BY A QUALIFIED PROFESSIONAL ENGINEER OR A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL AS CERTIFIED BY THE CSPESC COUNCIL OF ENVIROCERT INTERNATIONAL, INC. IF A STONE LINING IS NECESSARY, THE CONTRACTOR MAY NEED TO RE—GRADE THE DITCH AS REQUIRED TO PROVIDE ADEQUATE CROSS—SECTION AFTER ALLOWING FOR PLACEMENT OF THE STONE.
- 10) ALL STONE-LINED DITCHES AND CHANNELS MUST BE CONSTRUCTED AND STABILIZED BY OCTOBER 15.
- 11) AFTER OCTOBER 15, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL PER NHDOT ITEM 304.3.
 12) SEDIMENT BARRIERS THAT ARE INSTALLED DURING FROZEN CONDITIONS
- SHOULD CONSIST OF EROSION
 CONTROL MIX BERMS, OR CONTINUOUS CONTAINED BERMS. SILT FENCES AND
 HAY BALES SHOULD NOT
 BE INSTALLED WHEN FROZEN CONDITIONS PREVENT PROPER EMBEDMENT OF
 THESE BARRIERS.

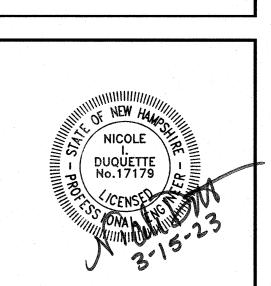


PREPARED FOR
SUMMIT DISTRIBUTING, LLC

240 MECHANIC STREET

LEBANON, NH 03766

SSESSORS MAP R-40 LOT 15 19 N.H. ROUTE 125 NGSTON, NEW HAMPSHIRE 038



REVISIONS

2	REVISE CANOPY	3/15/23
1	ADD INSPECTION NOTES	5/25/22
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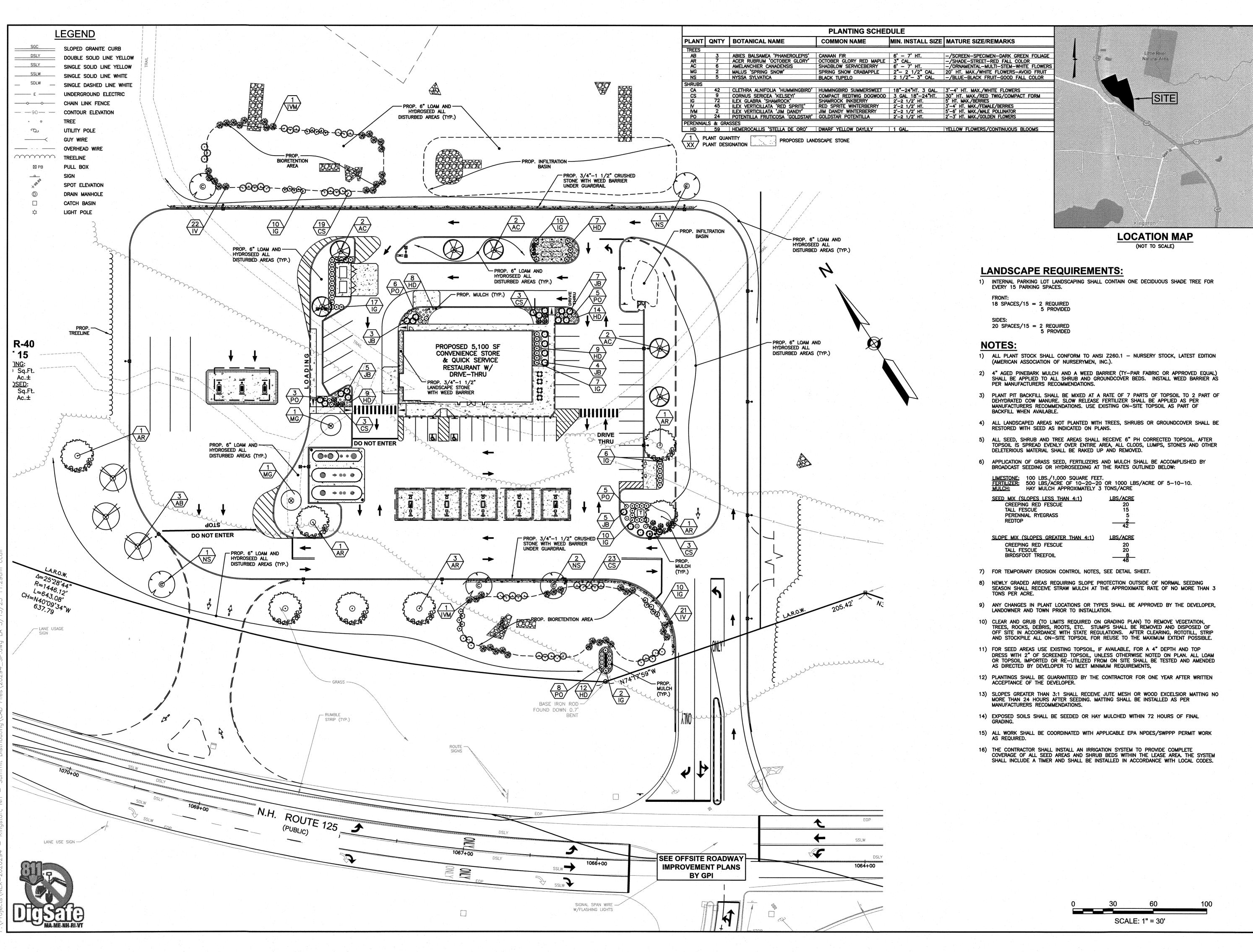
EROSION &
SEDIMENT
CONTROL PLAN

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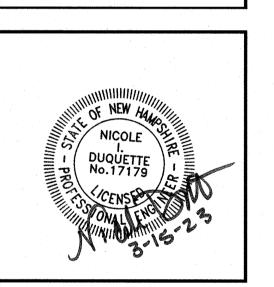
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PREPARED FOR
SUMMIT DISTRIBUTING, LL
240 MECHANIC STREET
LEBANON, NH 03766

L.H. ROUTE 125 STON, NEW HAMPSHIRE 03848



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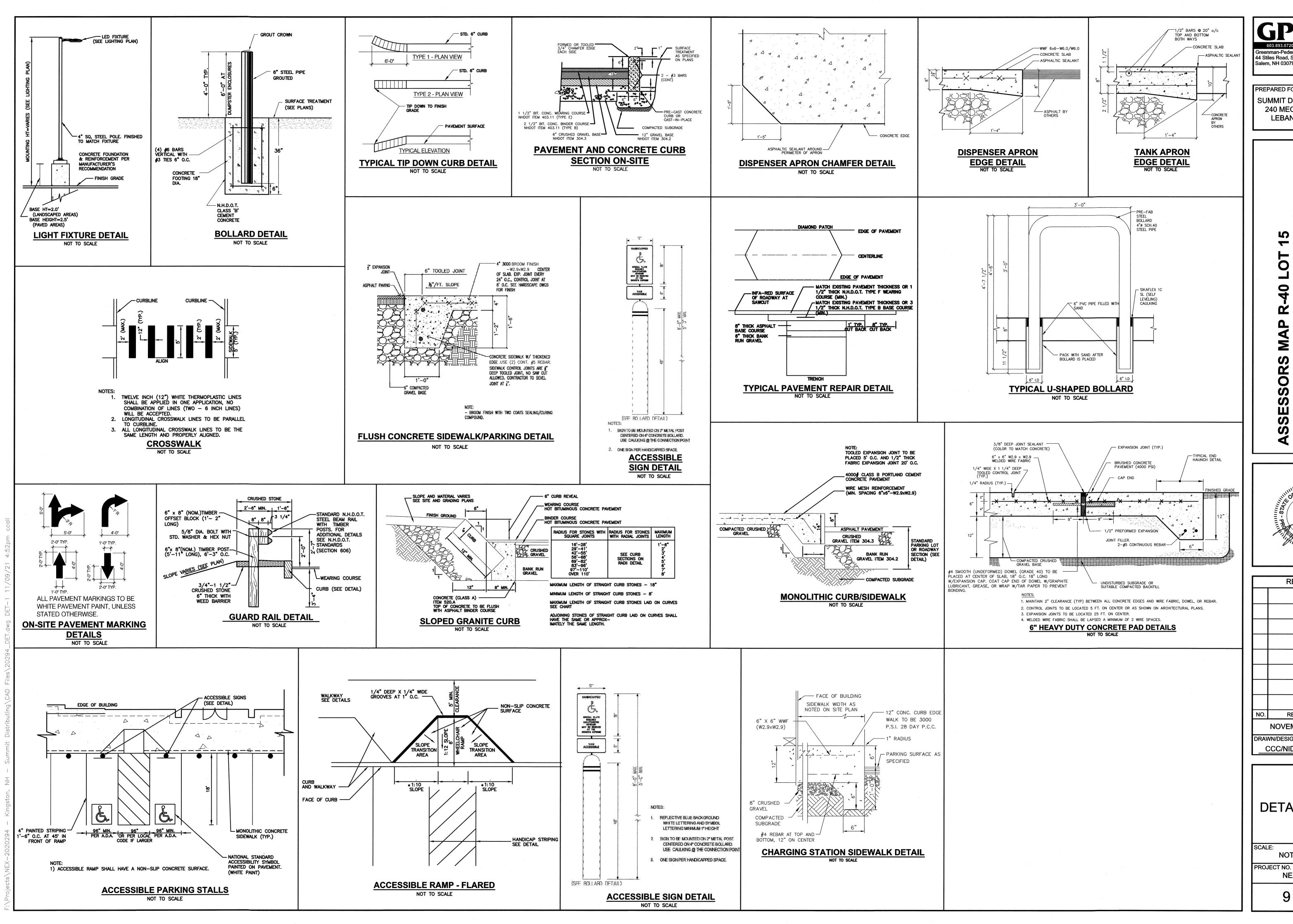
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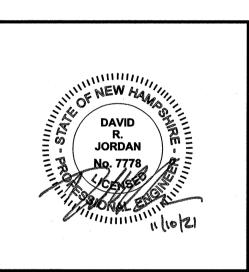
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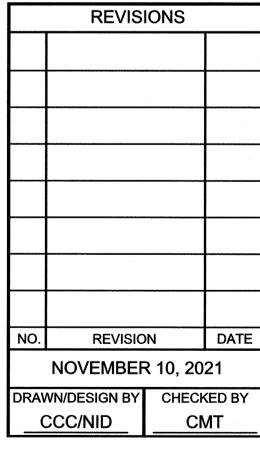
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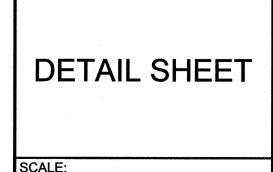


603.893.0720 44 Stiles Road, Suite One Salem, NH 03079

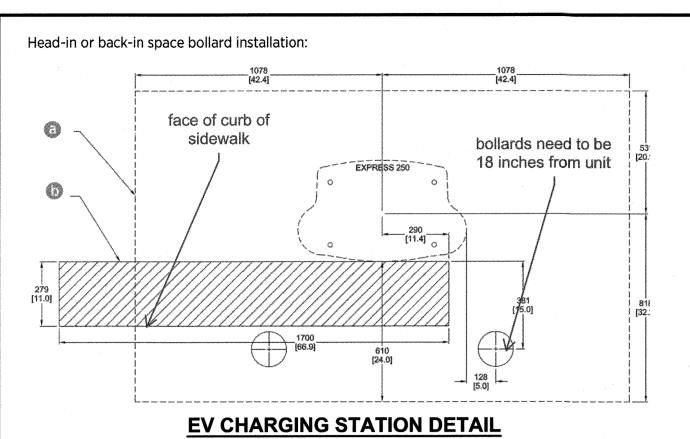
> PREPARED FOR SUMMIT DISTRIBUTING, LLC 240 MECHANIC STREET LEBANON, NH 03766







NOT TO SCALE NEX-2020294

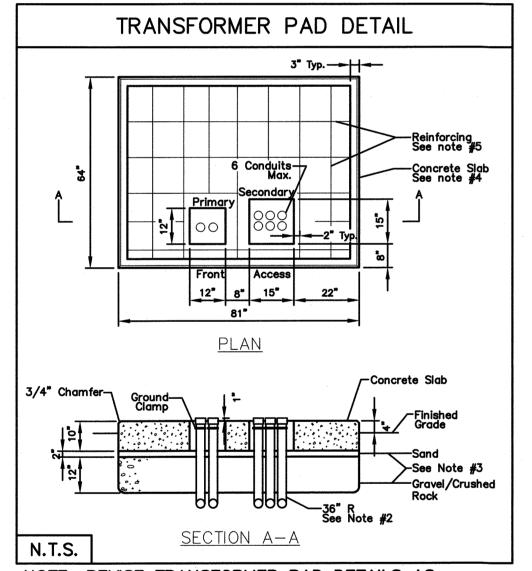


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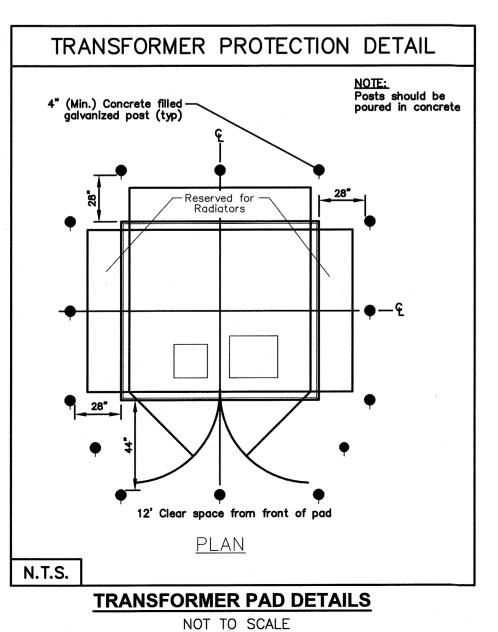
TRANSFORMER PAD NOTES

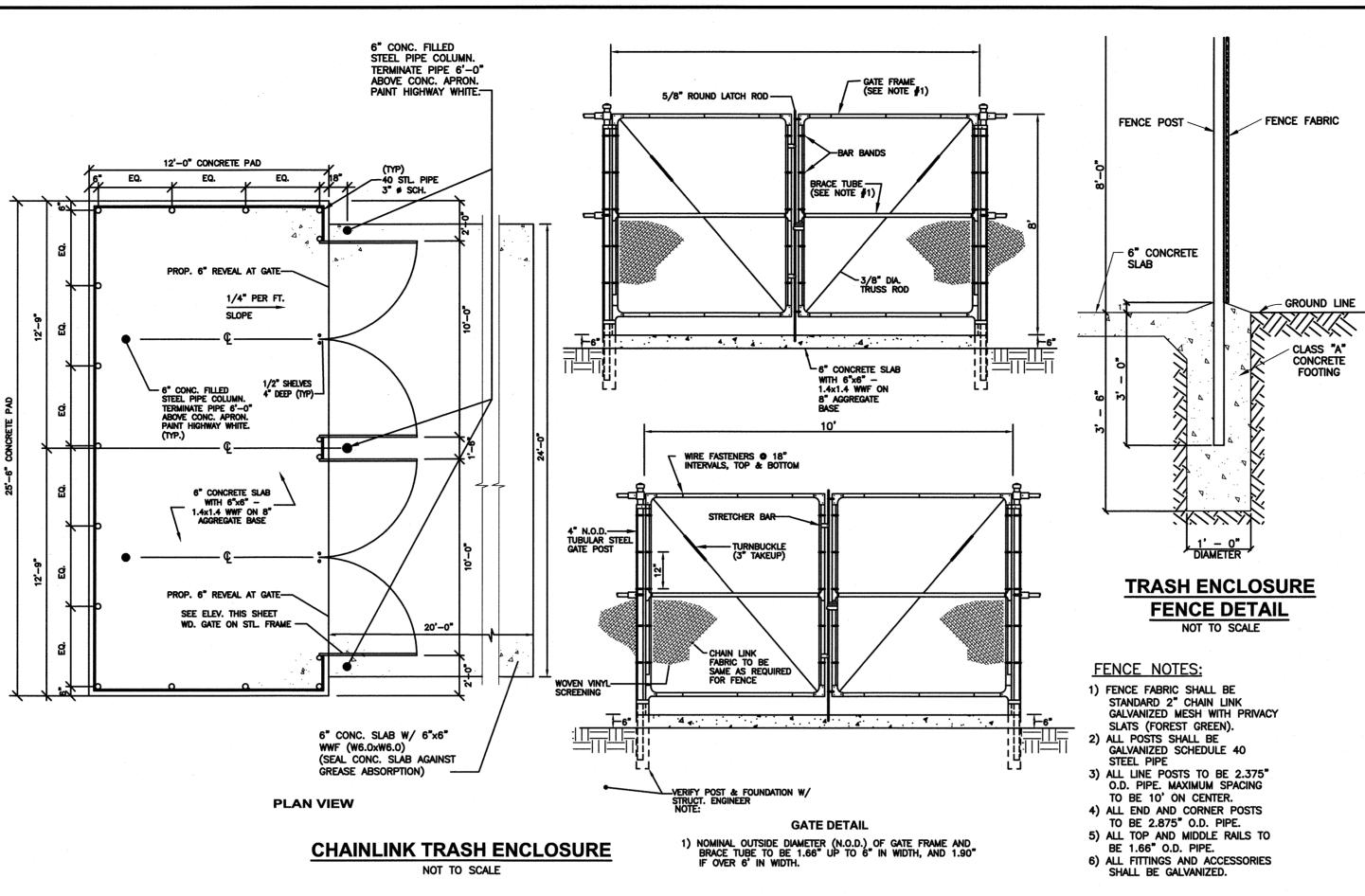
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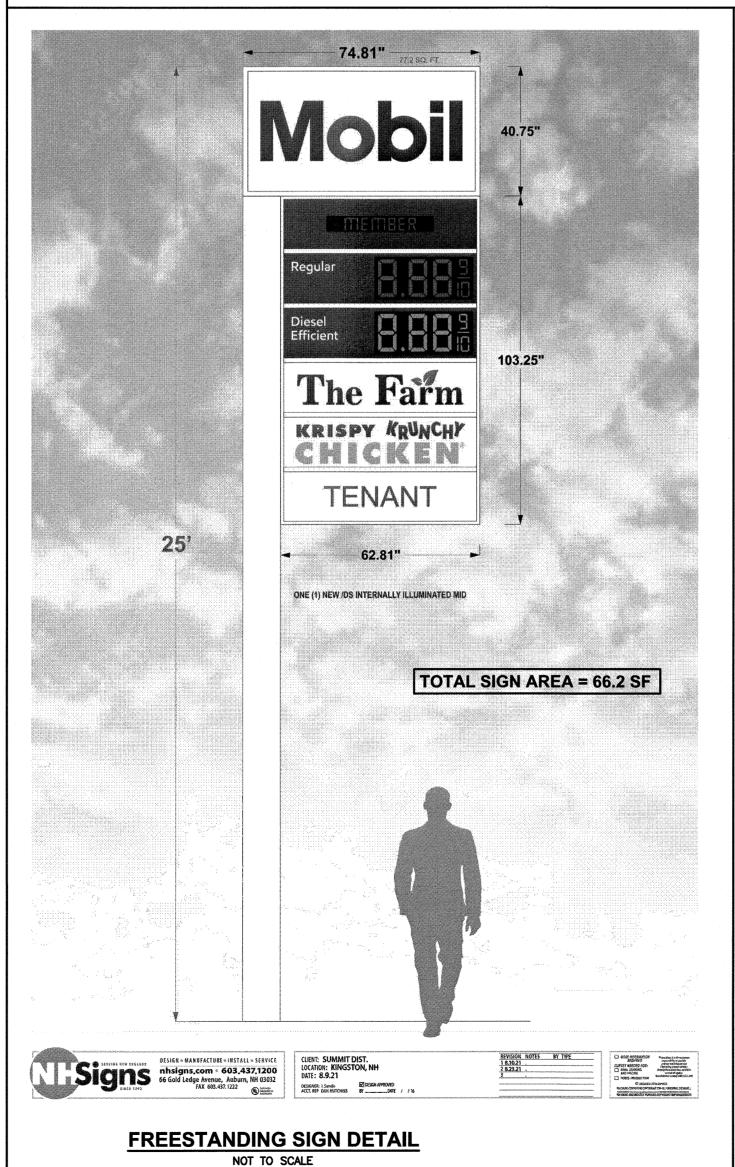
- 1. THIS STANDARD COVERS SPECIFICATIONS FOR THE CONSTRUCTION OF A CONCRETE FOUNDATION FOR PAD-MOUNTED TRANSFORMER.
- 2. INSTALL CONDUIT AS SHOWN BEFORE SLAB IS POURED. USE 36" RADIUS BENDS, WITH COUPLINGS, NIPPLES AND BUSHINGINGS AS REQUIRED. BENDS FOR PRIMARY CABLES SHALL BE GALVANIZED STEEL. TERMINATIONS OF CONDUITS SHALL BE LOCATED AS SHOWN IN SECTION A—A. THE NIPPLE AND BUSHING SHALL BE INSTALLED AFTER THE TRANSFORMER IS PLACED AND BEFORE THE CABLES ARE PULLED.
- 3. GRAVEL AND SAND SHALL BE PLACED AS SHOWN IN SECTION A-A; THE GRAVEL BEING COMPACTED AND THE SAND THOROUGHLY WETTED JUST BEFORE PLACING THE CONCRETE.
- 4. CONCRETE TO CONFORM TO GS 0211 OF LATEST DATE, (MIX M-4) FOR READY MIX CONCRETE. ALL EXPOSED EDGES TO HAVE A 3/4" CHAMFER.
- 5. REINFORCING TO BE #4 GRADE 60 BARS AND SHALL CONFORM TO ASTM STANDARD A-615 OF LATEST DATE. REINFORCING ROD TO BE LOCATED IN CENTER OF THE SLAB, WITH A MINIMUM OF 2" CLEARANCE FROM FACE OF CONCRETE.
- 6. GROUND GRID TO BE INSTALLED AS PER GS 2586.

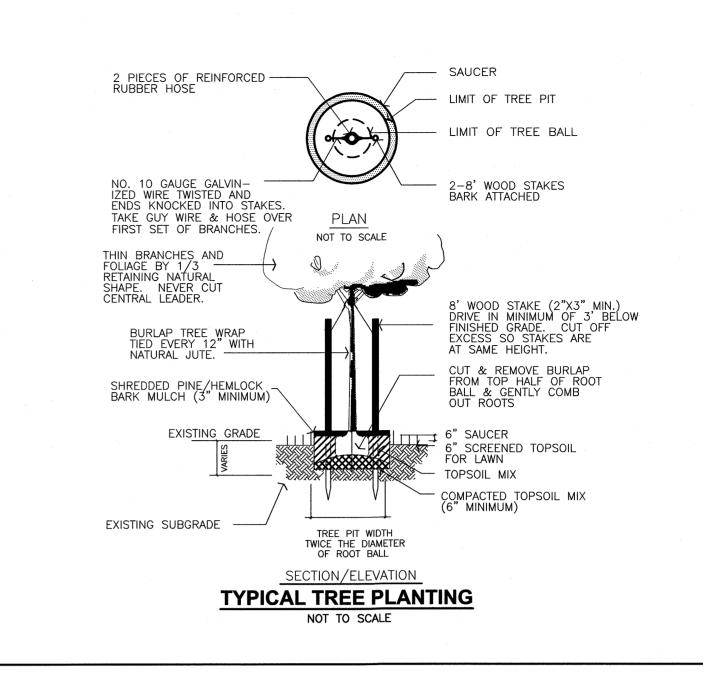


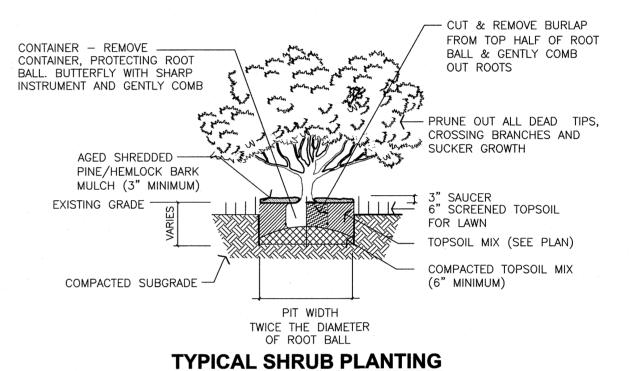
NOTE: REVISE TRANSFORMER PAD DETAILS AS DIRECTED BY LOCAL ELECTRIC COMPANY

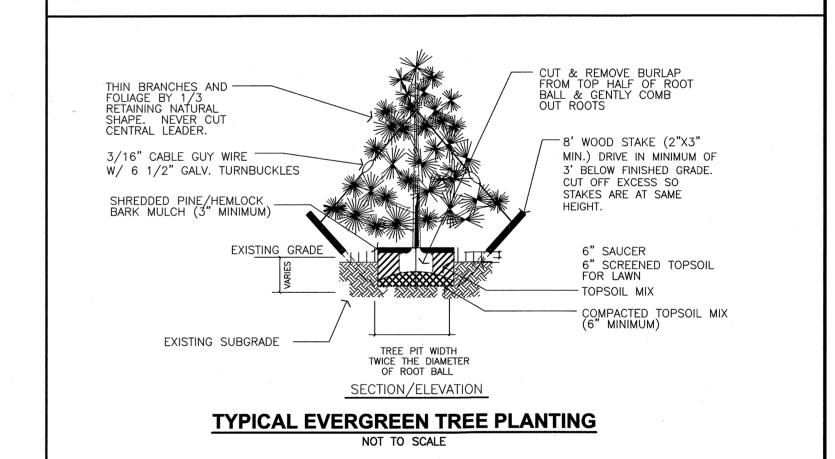




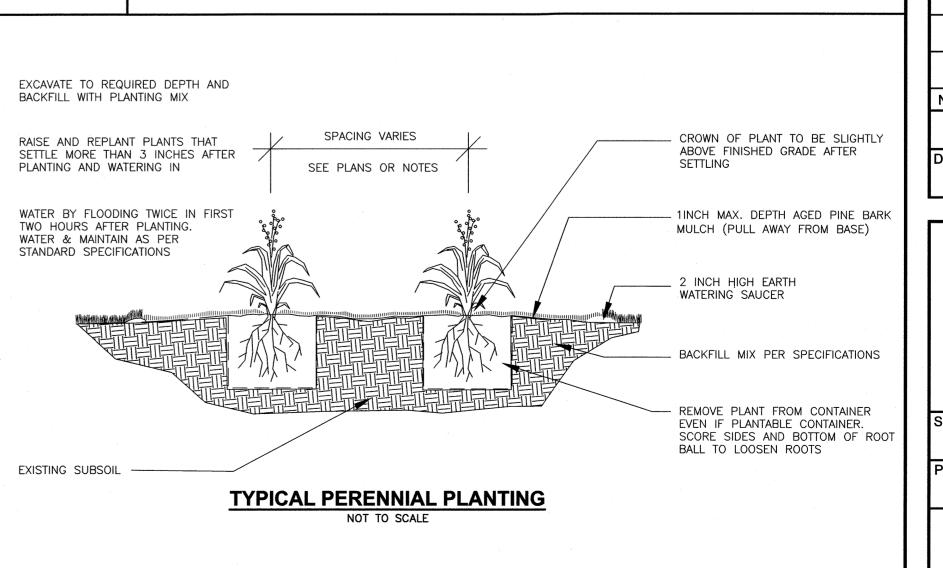








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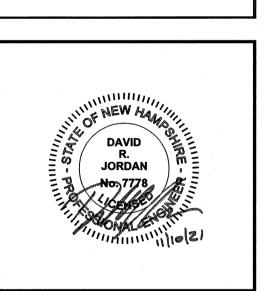


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LEBANON, NH 03766

MAP R-40 LOT 15 TE 125 EW HAMPSHIRE 03848

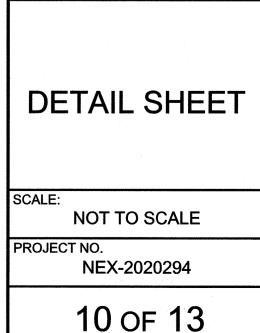
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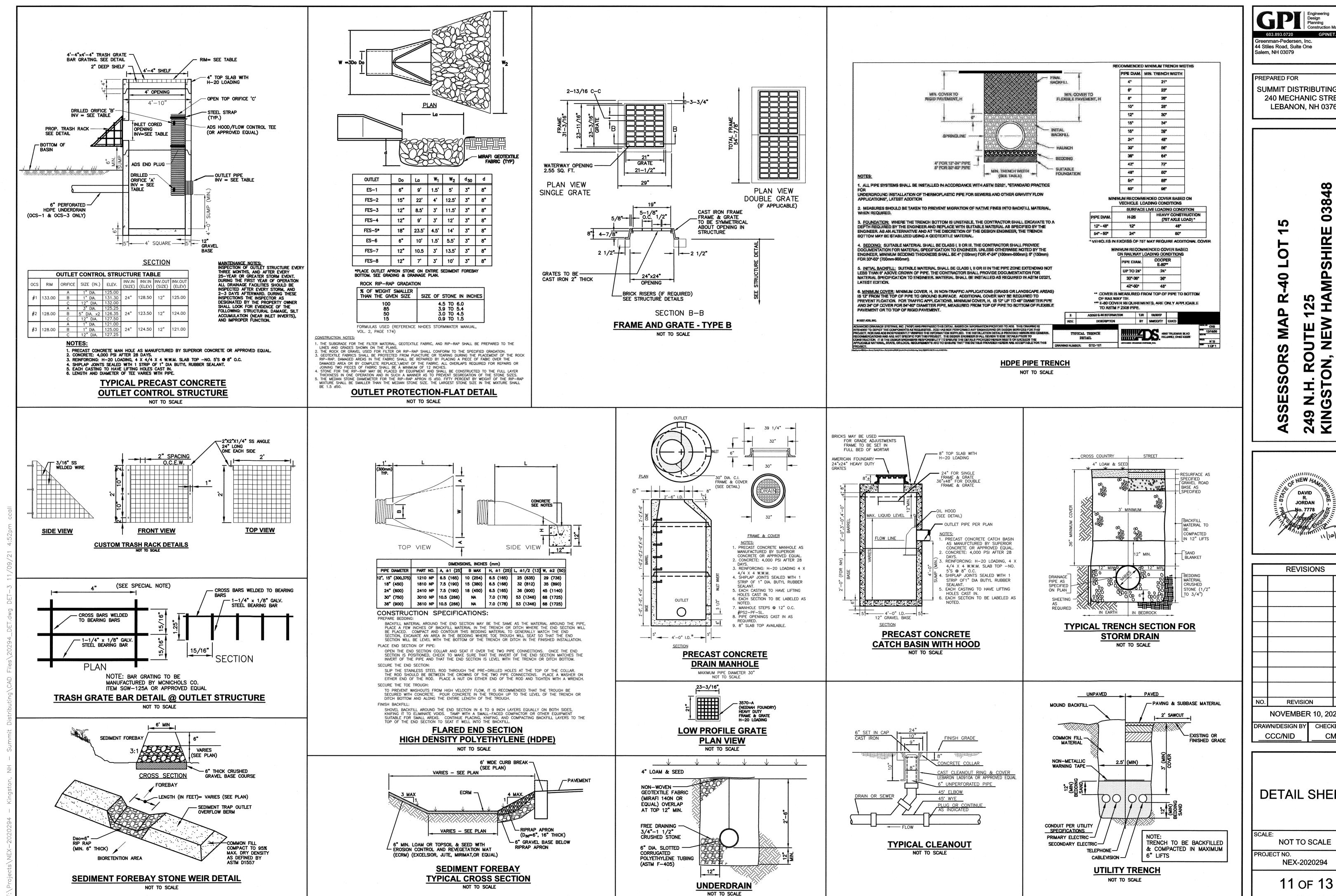
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REVISIONS

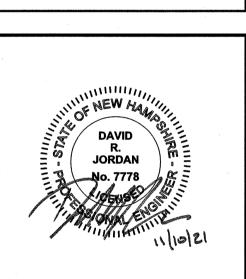
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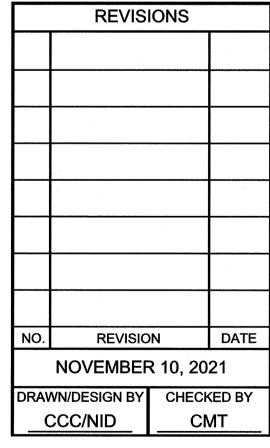




SUMMIT DISTRIBUTING, LLC 240 MECHANIC STREET

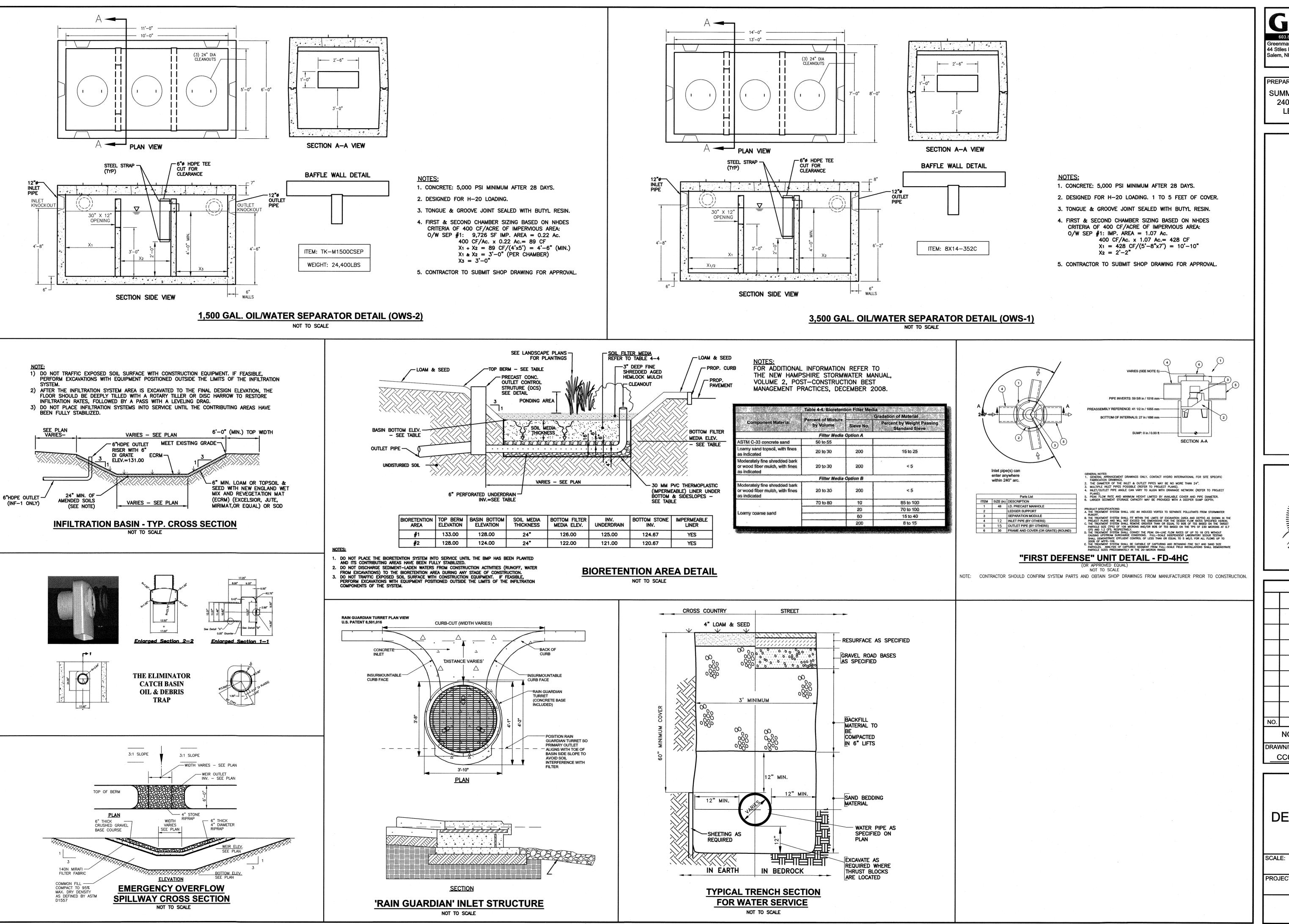
LEBANON, NH 03766





DETAIL SHEET

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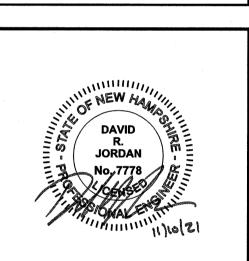
Engineering
Design
Planning
Construction Manageme
603.893.0720
GPINET.COM
Greenman-Pedersen, Inc.
44 Stiles Road, Suite One
Salem, NH 03079

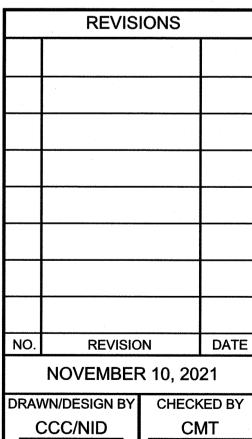
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SUMMIT DISTRIBUTING, LLC 240 MECHANIC STREET LEBANON, NH 03766

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SSESSORS MAP R-40 LOT 15 9 N.H. ROUTE 125 NGSTON, NEW HAMPSHIRE 038





DETAIL SHEET

NOT TO SCALE

PROJECT NO. **NEX-2020294**

1. STONE FOR A STABILIZED CONSTRUCTION EXIT SHALL BE 3 INCH CRUSHED STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.

2. THE MINIMUM LENGTH OF THE STABILIZED EXIT SHALL NOT BE LESS THAN 75 FEET, UNLESS A MOUNTABLE BERM IS INSTALLED AT THE EXIT, THEN THE LENGTH MAY BE REDUCED TO 50 FEET.

3. THE THICKNESS OF THE STONE FOR THE STABILIZED EXIT SHALL NOT BE LESS THAN 6 INCHES. 4. THE WIDTH OF THE EXIT SHALL NOT BE LESS THAN THE FULL WIDTH OF THE ENTRANCE WHERE INGRESS OCCURS OR 10 FEET, WHICHEVER IS GREATER.

5. GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE. 6. ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION EXIT SHALL BE PIPED BENEATH THE EXIT. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.

7. THE EXIT SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOPDRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED PROMPTLY. CONTRACTOR SHOULD SWEEP THE EXISTING PAVEMENT AREA ANY TIME SEDIMENT IS TRACKED ONTO THE

8. WHEELS SHALL BE CLEANED TO REMOVE MUD PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS—OF—WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. PREVENT ANY SEDIMENT FROM ENTERING STORM DRAINS, DITCHES OR

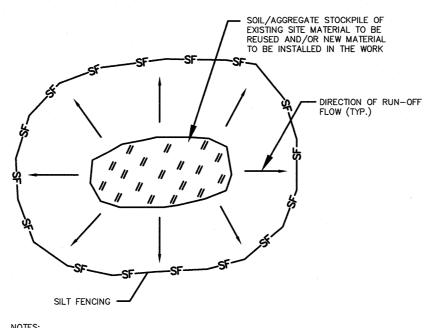
STABILIZED CONSTRUCTION EXIT NOT TO SCALE

TEST PIT DATA

Summit Distributing 249 NH Route 125 **Project Address:** Kingston, NH Town, State: NEX-2020294 Job Number: September 1, 2021 Performed by: Diane Pantermoller Richard Wilson, Town of Kingston

ADJDENT PAVEMENT OR TRAVELED WAY.

witnessed by:	Nicia	ia wiison, rown or r	ZIIIRSIOII		
Test Pit No. ESHWT: Refusal: Percolation T	est Depth:	500 (Septic) 40" >80" 33"	Star Roo	S Soil: ading Water: ats: colation Rate:	Windsor Loamy Sand 60" 20" 2 mpi
Depth 0-9" 9-20"	Horizon A B	Soil Texture Loamy Sand Sand	Color 10yr 7/3 10yr 5/4	Consistence FR FR	Mottles; Quantity/Contrast
20-80"	C	Sand	2.5y 6/4	FR	@40" Distinct
Test Pit No. ESHWT: Refusal: Percolation T	est Depth:	501 (Septic) 36" >83" 41"	Star Roo	S Soil: ading Water: ts: colation Rate:	Windsor Loamy Sand 70" 22" 2 mpi
Depth 0-12" 12-24"	Horizon A B	Soil Texture Loamy Sand Sand	Color 10yr 7/3 10yr 5/4	Consistence FR FR	Mottles; Quantity/Contrast
24-83"	C	Sand	2.5y 6/4	FR	@ 36" Distinct
Test Pit No. ESHWT: Refusal:		502 44" >86"		S Soil: ading Water: ts:	Windsor Loamy Sand 80" None
Depth 0-24" 24-86"	Horizon B C	Soil Texture Sand Sand	Color 10yr 5/4 2.5y 6/4	Consistence FR FR	Mottles; Quantity/Contrast @44" Distinct
24-80	C	Sand	2.3y 0/4	rk	@44 Distinct
Test Pit No. ESHWT: Refusal:		503 20" >72"		Soil: ading Water: ts:	Windsor Loamy Sand 48" None
Depth 0-12" 12-20"	Horizon A B	Soil Texture Loamy Sand Sand	Color 10yr 7/3 10yr 5/4	Consistence FR FR	Mottles; Quantity/Contrast
20-72"	Č	Sand	2.5y 6/4	FR	@ 20" Distinct
Test Pit No. ESHWT: Refusal:		504 (UST) 60" >120"		S Soil: ading Water: ts:	Windsor Loamy Sand None 24"
Depth 0-10" 10-24" 24-120"	Horizon A B C	Soil Texture Loamy Sand Sand Sand	Color 10yr 7/3 10yr 5/4 2.5y 6/4	Consistence FR FR FR	Mottles; Quantity/Contrast @ 60" Distinct
			-		
Test Pit No. ESHWT: Refusal:		505 42" >80"		S Soil: ading Water: ts:	Windsor Loamy Sand None None
Depth 0-12: 12-24"	Horizon A B	Soil Texture Loamy Sand Sand	Color 10yr 7/3 10yr 5/4	Consistence FR FR	Mottles; Quantity/Contrast
24-80"	C	Sand	2.5y 6/4	FR	@ 42" Distinct
Test Pit No. ESHWT: Refusal:		506 80" >118"		S Soil: nding Water: ts:	Windsor Loamy Sand None 36"
Depth 0-12: 12-30"	Horizon A B	Soil Texture Loamy Sand Sand	Color 10yr 7/3 10yr 5/4	Consistence FR FR	Mottles; Quantity/Contrast
30-118"	C	Sand	2.5y 6/4	FR	@ 80" Distinct



(5'MAX. SPACING)

TOP VIEW

JOINING SECTIONS

CRITERIA FOR SILT FENCES:

FABRIC PROPERTIES:

CONSTRUCTION SPECIFICATIONS:

TOP, MID-SECTION AND BOTTOM.

PREFERRED), FOLDED, AND STAPLED.

6) POSTS TO BE SPACED AT A MAXIMUM OF 6' ON CENTER.

GRAB TENSILE STRENGTH (lbs)

MULLEN BURST STRENGTH (PSI)

CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

1) THE GEOTEXTILE FABRIC SHALL MEET THE DESIGN CRITERIA FOR SILT FENCES.

ELONGATION AT FAILURE (%)

PUNCTURE STRENGTH (lbs)

EQUIVELANT OPENING SIZE

-FLARE ENDS UPHILL STORAGE CAPACITY

/-COUPLER

FILTER FABRIC

LEXISTING GROUND

TOE-IN METHOD

CONTOUR LINES

TEST_METHOD

ASTM D1682

ASTM D1682

ASTM D3786

-4" EMBEDMENT

MBEDMENT

EQUIVALENT OPENING SIZE = 40-80 U.S.

1) SILT FENCE FILTER CLOTH: THE FABRIC FOR THE SILT FENCE SHALL MEET THE FOLLOWIING SPECIFICATIONS:

ACCEPTABLE

VALUES 90

40-80

2) FENCE POSTS (FOR FABRICATED UNITS) — THE POSTS SHALL BE A MINIMUM OF 36 INCHES LONG. WOOD POSTS WILL BE OF SOUND QUALITY HARDWOOD WITH A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQUARE INCHES. STEEL POSTS WILL BE

STANDARD T OR U SECTIONS WEIGHING NOT LESS THAN 1 POUND PER LINEAR FOOT. MAXIMUM SPACING SHALL BE 6

3) WIRE FENCE (FOR FABRICATED UNITS) - WIRE FENCING SHALL BE A MINIMUM 14.5 GUAGE WITH A MAXIMUM 6 INCH MESH

4) PREFABRICATED UNITS - PREFABRICATED UNITS MAY BE USED IN LIEU OF THE ABOVE METHOD PROVIDING: (1) THE FILTER

1) SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.

2) IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.

3) SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMTELY ONE—HALF THE HEIGHT OF THE BARRIER. 4) SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO

2) THE FABRIC SHALL BE <u>EMBEDDED A MINIMUM OF 8 INCHES INTO THE GROUND</u> (4" DEEP & 4" WIDE) AND THE SOIL COMPACTED OVER THE EMBEDDED FABRIC.

4) FILTER CLOTH SHALL BE FASTENED SECURELY TO THE WOVEN WIRE FENCE WITH TIES SPACED EVERY 24 INCHES AT THE

SEDIMENT CONTROL FENCE NOT TO SCALE

3) WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIES OR STAPLES.

5) WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EAC OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES (24" IS

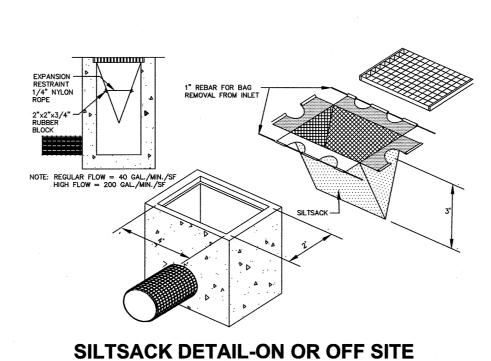
CLOTH AND FENCE POSTS MEET THE ABOVE CRITERIA; AND (2) THE UNIT IS INTALLED ACCORDING TO THE MANUFACTURER'S

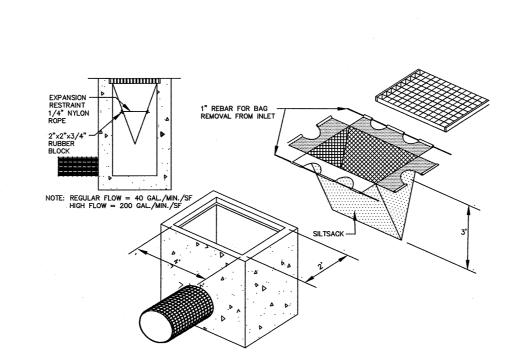
STANDARD SEIVE

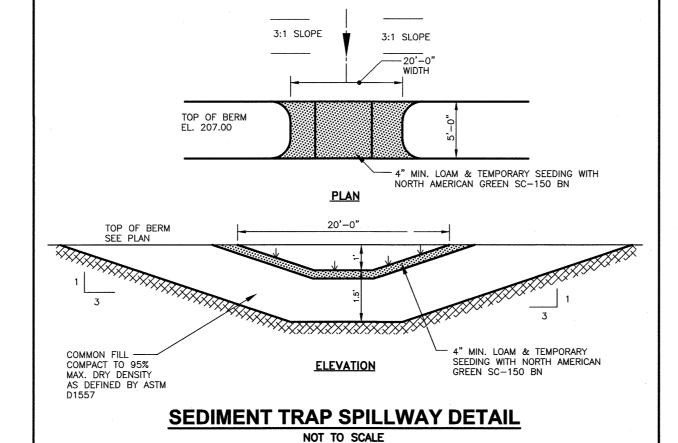
1. ALL EXISTING EXCAVATED MATERIAL THAT IS NOT TO BE REUSED IN THE WORK IS TO BE IMMEDIATELY REMOVED FROM THE SITE AND PROPERLY DISPOSED OF. 2. SOIL/AGGREGATE STOCKPILE SITES TO BE WHERE SHOWN ON THE DRAWINGS. 3. RESTORE STOCKPILE SITES TO PRE-EXISTING PROJECT CONDITION AND RESEED AS REQUIRED.

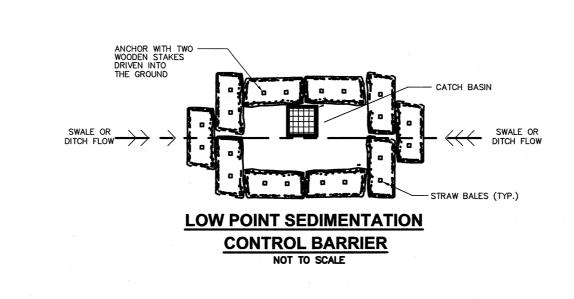
4. STOCKPILE HEIGHTS MUST NOT EXCEED 35'. STOCKPILE SLOPES MUST BE 2:1 OR FLATTER.

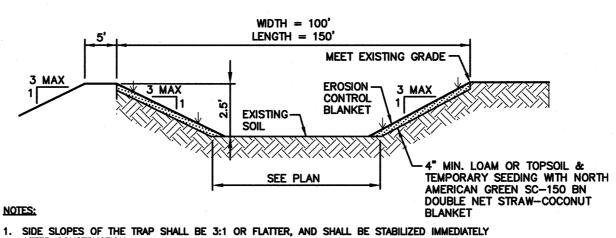
MATERIALS STOCKPILE DETAIL NOT TO SCALE





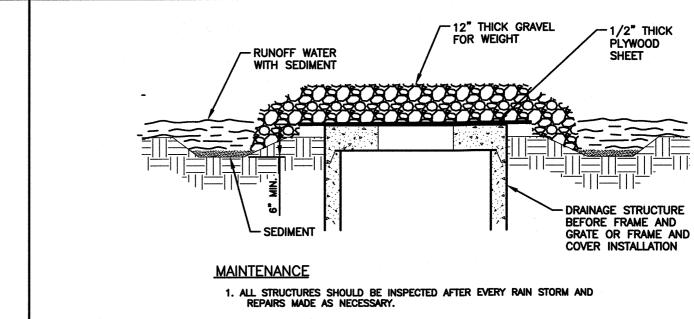






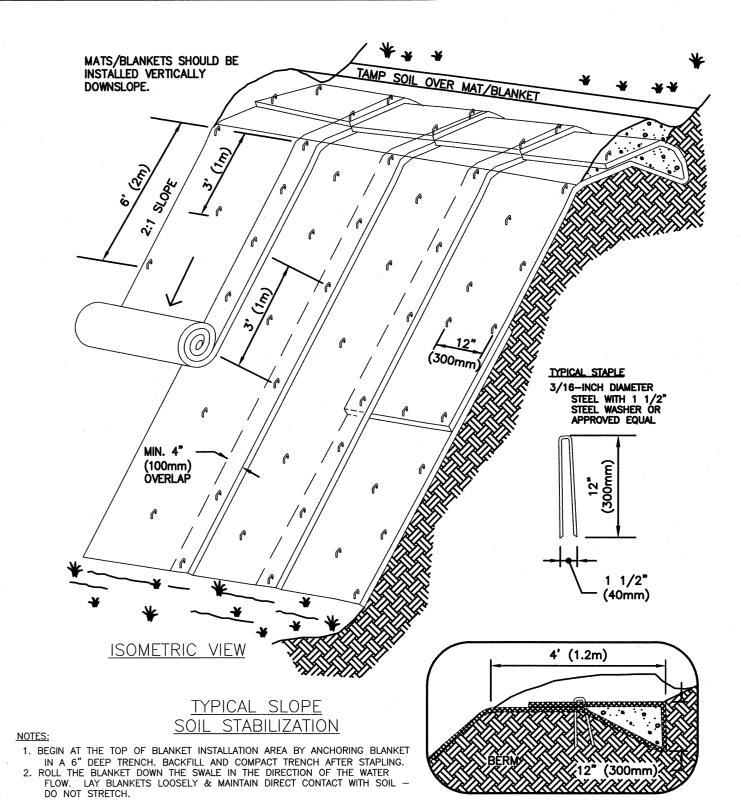
- . SIDE SLOPES OF THE TRAP SHALL BE 3:1 OR FLATTER, AND SHALL BE STABILIZED IMMEDIATELY AFTER CONSTRUCTION.
- 2. THE SPILLWAY ON THE TRAP SHOULD BE A MINIMUM OF 1 FOOT BELOW THE CREST OF THE TRAP AND SHALL DISCHARGE TO A STABILIZED AREA.
- 3. THE TRAP SHALL BE CLEANED WHEN 50% OF THE ORIGINAL VOLUME IS FILLED. MATERIALS REMOVED FROM THE TRAP SHALL BE PROPERLY DISPOSED OF AND STABILIZED.

TEMPORARY SEDIMENT TRAP TYPICAL CROSS SECTION NOT TO SCALE



- 2. SEDIMENT SHOULD BE REMOVED FROM THE TRAPPING DEVICES AFTER THE SEDIMENT HAS REACHED A MAXIMUM OF ONE HALF OF THE DEPTH OF THE TRAP. THE SEDIMENT SHOULD BE DISPOSED OF IN A SUITABLE AREA AND PROTECTED FROM EROSIION BY EITHER STRUCTURUAL OR VEGETATIVE
- 3. THE TEMPOARARY TRAPS SHOULD BE REMOVED AND THE AREA REPAIRED AS SOON AS THE CONTRIBUTING DRAINAGE AREA TO THE INLET HAS BEEN COMPLETELY STABILIZED.
- 4. ALL STRUCTURES WITH INLET PROTECTION MUST BE CLEANED AT THE END OF CONSTRUCTION AND WHEN THE SITE IS FULLY STABILIZED.

INLET PROTECTION DETAIL NOT TO SCALE



3. THE EDGES OF BLANKETS MUST BE STAPLED WITH APPROX. 4 INCH OVERLAP WHERE 2 OR MORE STRIP WIDTHS ARE REQUIRED. 4. WHEN BLANKETS MUST BE SPLICED DOWN THE SWALE, PLACE BLANKET END OVER END WITH 6 INCH (MIN.) OVERLAP AND ANCHOR DOWN SLOPE BLANKET IN A 6 INCH DEEP TRENCH. . BLANKETS SHALL BE STAPLED ENOUGH TO ANCHOR BLANKET WHILE MAINTAINING CONTACT WITH SOIL. STAPLES SHALL BE PLACED DOWN THE CENTER & STAGGERED WITH THE STAPLES PLACED ALONG EDGES. PATTERN & AMOUNT OF STAPLES VARIES BY MANUFACTURER, SO FOLLOW MANUFACTURERS RECOMMENDATIONS.

6. BLANKET SHALL BE NORTH AMERICAN GREEN SC-150 OR APPROVED EQUAL. MAINTENANCE & MATS

1. BLANKETS SHALL BE INSPECTED WEEKLY DURING CONSTRUCTION & AFTER A RAINFALL IN EXCESS OF 1/2" IN A 24-HOUR PERIOD.

2. FAILURES SHALL BE REPAIRED IMMEDIATELY. IF ANY OF THE FOLLOWING OCCUR; SLOPE WASHOUT, MAT DISPLACEMENT, DAMAGE TO MAT, THE AFFECTED AREA SHALL BE REPAIRED & RESEEDED & MAT SHALL BE REPLACED OR RE-INSTALLED.

NOTE: DO NOT USE PRODUCTS THAT CONTAIN WELDED PLASTIC OR THAT ARE "PHOTODEGRADABLE". USE PRODUCTS WITH BIODEGRADABLE NETTING AND NATURAL FIBER MATERIAL (I.E. STRAW OR COCONUT FIBER).

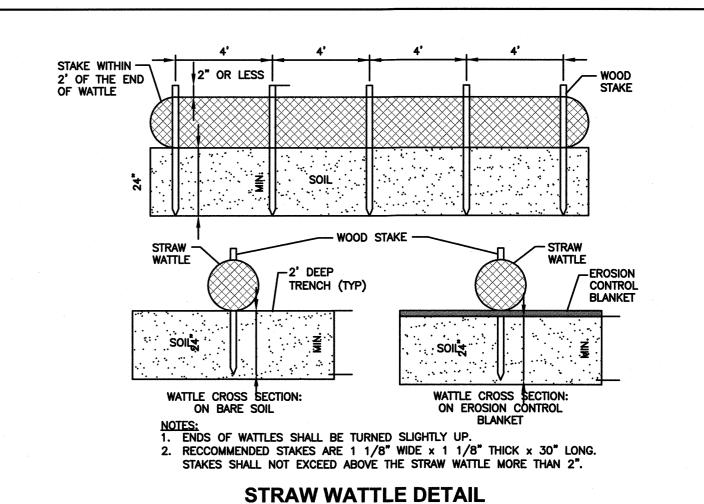
TYPICAL INSTALLATION

OF EROSION CONTROL

BLANKETS FOR SLOPES

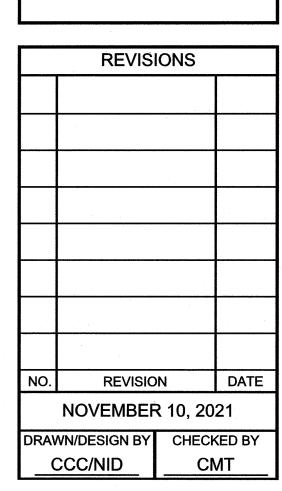
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BLANKET SLOPE PROTECTION FOR EROSION CONTROL NOT TO SCALE



enman-Pedersen, Ind 44 Stiles Road, Suite One Salem, NH 03079 PREPARED FOR

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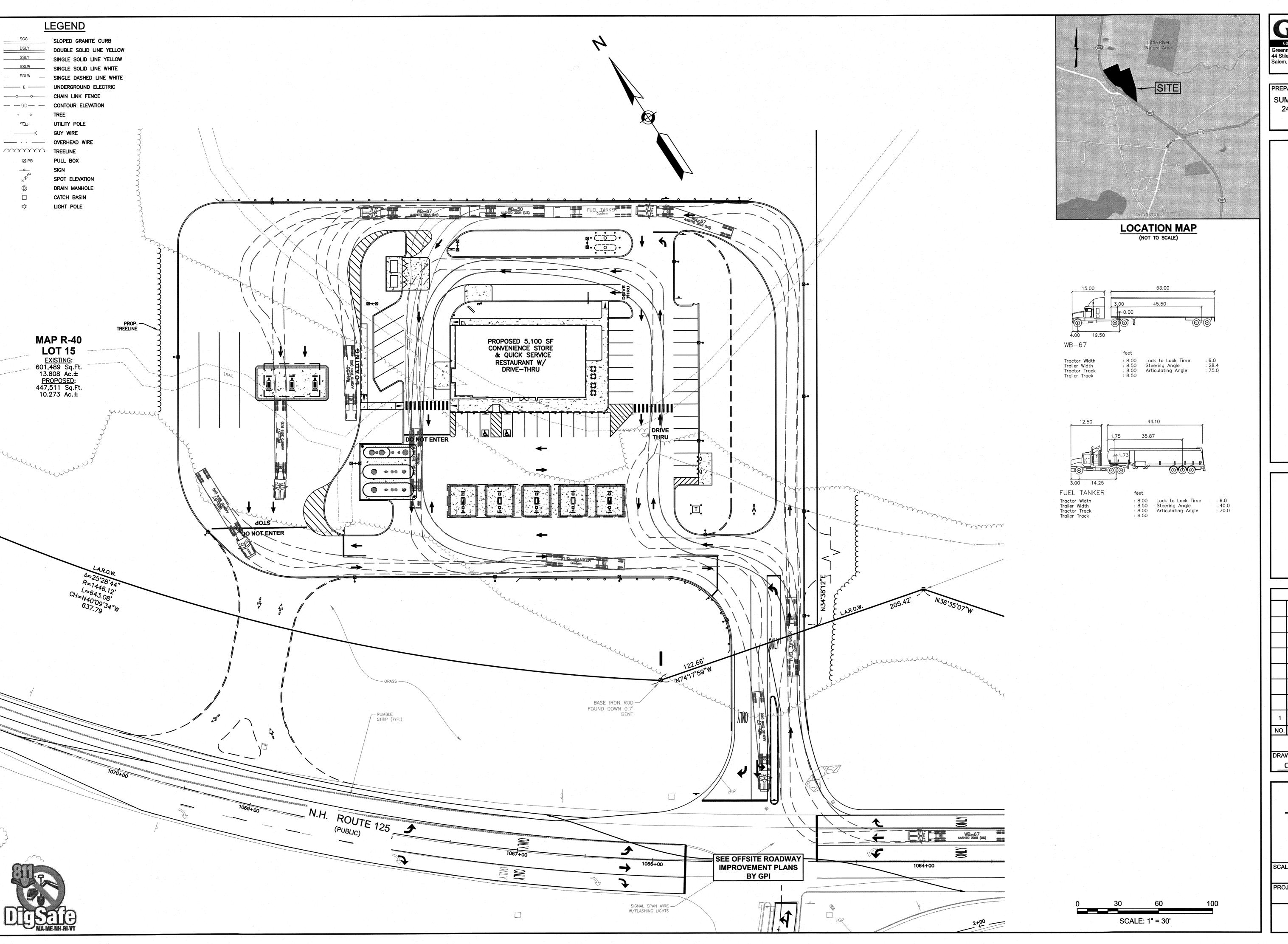
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DAVID JORDAN

DETAIL SHEET
SCALE: NOT TO SCALE
PROJECT NO

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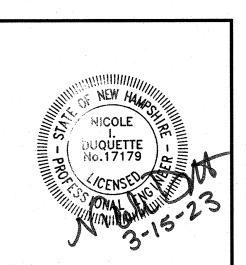
NEX-2020294





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SUMMIT DISTRIBUTING, LLC
240 MECHANIC STREET
LEBANON, NH 03766

ASSESSORS MAP K-40 LOT 15
249 N.H. ROUTE 125
KINGSTON, NEW HAMPSHIRE 03848



	REVISIONS				
-					
	1	REVISE CANOPY		3/15/23	
	NO.	NO. REVISION		DATE	
		NOVEMBER 10, 2021			
-			CHEC	KED BY	
			CN	CMT	



1"=30'
PROJECT NO.
NEX-2020294

