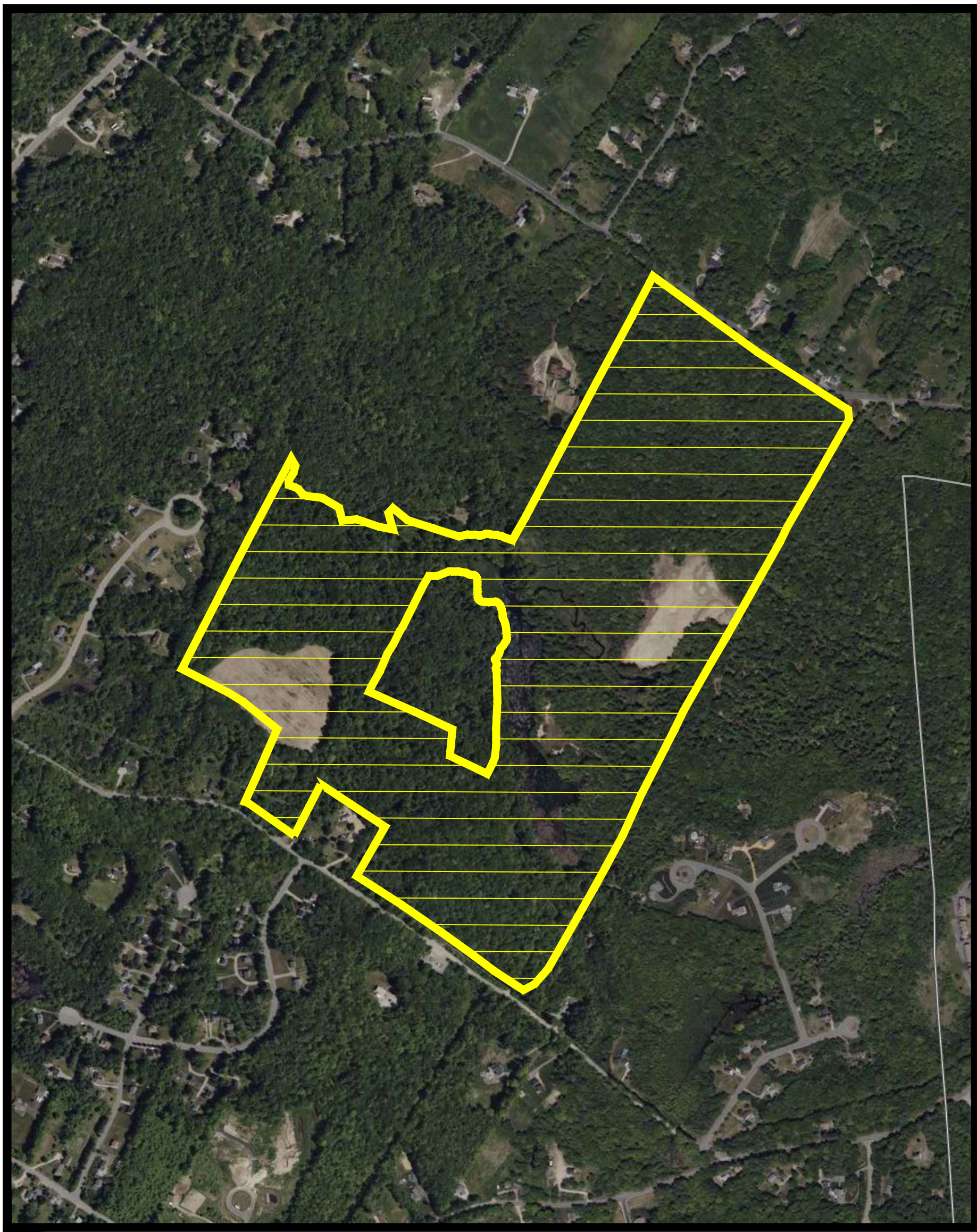


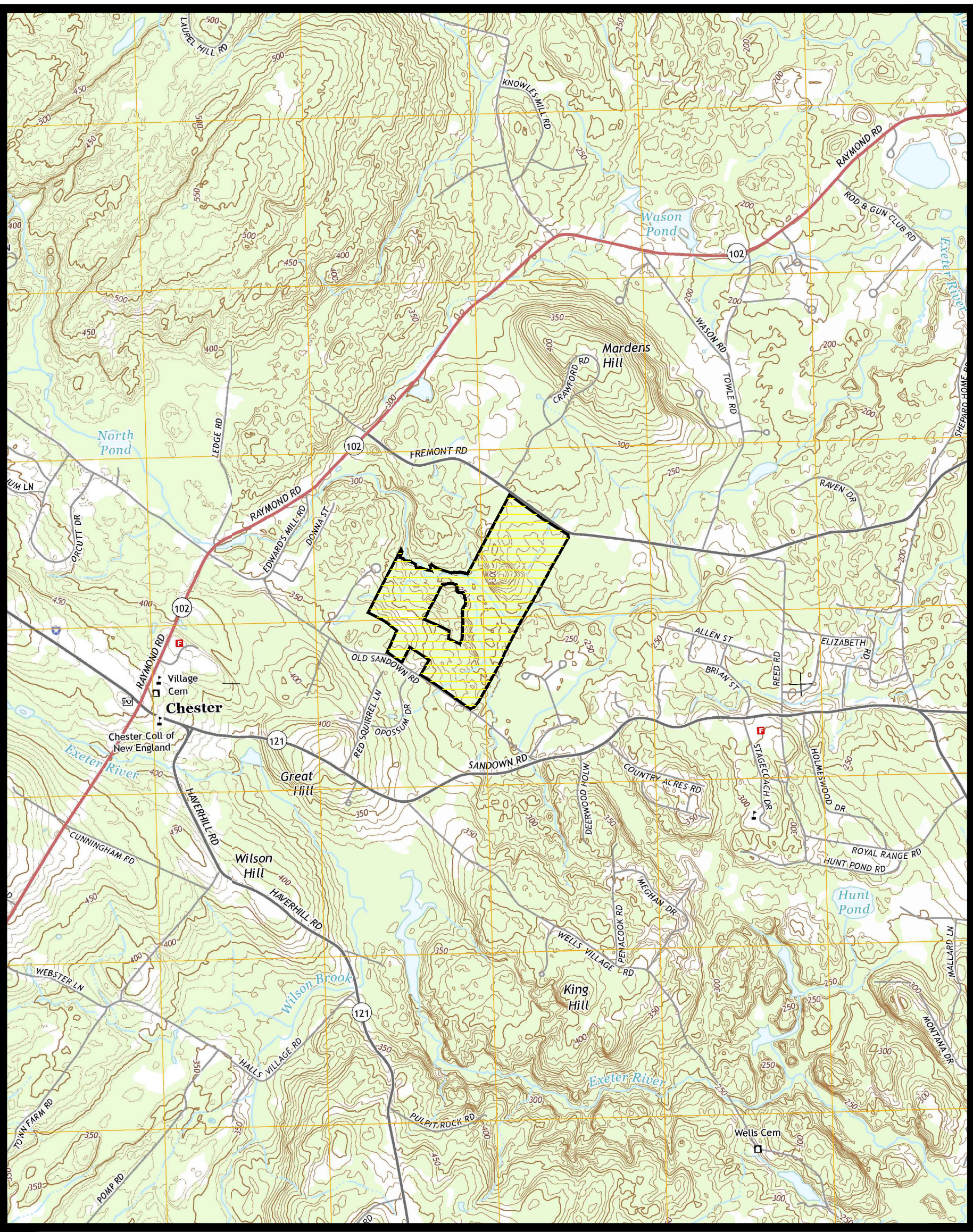
# CHESTER GRAVEL PIT

152 FREMONT ROAD  
CHESTER, NEW HAMPSHIRE

PREPARED FOR:  
OLD SANDOWN ROAD, LLC  
352 SOUTH BROADWAY STREET  
SALEM, NH 03079



**AERIAL MAP**  
SCALE: 1" = 600'



**USGS MAP**  
SCALE: 1" = 2000'

## SHEET INDEX

- 1 Cover Sheet
- 2 Site Excavation Overview Plan
- 3 Existing Conditions & Site Specific Soils Plan
- 4 Excavation & Reclamation Plan
- 5 Cross-Section Plan
- 6 Cut/Fill Analysis Plan
- 7 Phasing Plan & Construction Notes
- 8-9 Site Details

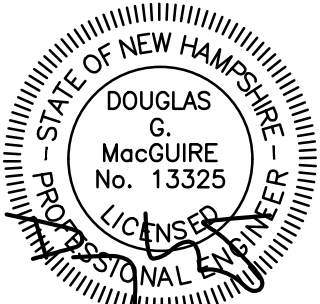
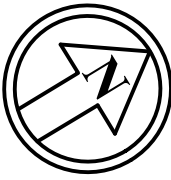
### WILDLIFE PROTECTION NOTES:

- 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 NHFORVIEW@WILDLIFE.NH.GOV. EMAIL SUBJECT LINE: NHB21-2386, CHESTER GRAVEL PIT, 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.



**The Dubai Group, Inc.**  
136 Harvey Rd. Bldg B101  
Londonderry, NH 03053  
603-458-6462

Engineers  
Planners  
Surveyors  
TheDubayGroup.com



REVISIONS:			
REV.	DATE:	COMMENT:	BY:
1	4/5/22	REVS PER TOWN COMMENTS & AOT SUBMISSION	JHD
2	8/8/22	REVS PER AOT & TOWN COMMENTS	JHD
3	8/26/22	REVS PER TOWN COMMENTS	JHD
4	9/23/22	REVS PER AOT COMMENTS	JHD
5	10/11/22	REVS PER TOWN COMMENTS	JHD
6	10/25/22	MISC REVS	JHD
7	11/10/22	MISC REVS	JHD
8	12/13/22	MISC REVS	JHD

DRAWN BY: JHD  
CHECKED BY: DGM  
DATE: SEPTEMBER 17, 2021  
SCALE: 1"=150'  
FILE: 493-Excavation Plan  
DEED REF: BK 2119 PG 081

PROJECT:  
**CHESTER GRAVEL PIT**  
MAP 5 LOT 85  
152 FREMONT ROAD  
CHESTER, NH  
FOR  
**OLD SANDOWN RD, LLC**  
352 SOUTH BROADWAY ST.  
SALEM, NH 03079  
OWNER  
**PAUL GARABEDIAN, JR**  
352 SOUTH BROADWAY ST.  
SALEM, NH 03079

SHEET TITLE:  
**TITLE SHEET**



CERTIFICATION:

I CERTIFY THAT THE EXISTING CONDITIONS SHOWN HEREON ARE BASED ON A COMBINATION OF A FIELD SURVEY BY THIS OFFICE AND DATA COMPILED FROM VARIOUS SOURCES.

JOEL A. CONNOLLY, LLS 997 DATE

5-80-1  
ALFRED E. & CHRISTINE CAVEDON  
24 EMERSON RD  
CHESTER, NH 03036

5-80-5  
KRISTINE & SCOTT ANDERSON  
70 EMERSON RD  
CHESTER, NH 03036

5-80-6  
ABDALLAH CONSTRUCTION CORP.  
PO BOX 367  
CHESTER, NH 03036

5-80-4  
SHAWN & REBECCA HAGGART  
54 EMERSON RD  
CHESTER, NH 03036

5-80-3  
JOSEPH & JULIE LEONARD  
46 EMERSON RD  
CHESTER, NH 03036

5-80-2  
JANET M. & THOMAS A. JANIAK  
30 EMERSON RD  
CHESTER, NH 03036

5-82  
DEBORAH CHASE  
163 OLD SANDOWN RD  
CHESTER, NH 03036

5-102  
MICHAEL A. & VALERIE WEIDER  
80 RED SQUIRREL LN  
CHESTER, NH 03036

5-103  
OAK HILL II  
CONDO ASSOCIATION  
C/O SHANNON RICE  
18 OPOSSUM DR  
CHESTER, NH 03036

5-103  
OAK HILL II  
CONDO ASSOCIATION  
C/O SHANNON RICE  
18 OPOSSUM DR  
CHESTER, NH 03036

5-84  
THOMAS WAGNER &  
MARGARET VOSS  
PO BOX 274  
MARGARET VOSS REVOC. TRUST  
CHESTER, NH 03036

5-84-1  
SUZANNE & SCOTT ARTHUR  
199 OLD SANDOWN ROAD  
CHESTER, NH 03036

5-107-1  
ROBERT & PHYLLIS PEPE  
220 OLD SANDOWN ROAD  
CHESTER, NH 03036

5-107-3  
PIBIT ESTATES TRUST  
66 GILCREAST ROAD  
LONDONDERRY, NH 03053

5-86  
NEW HAMPSHIRE ELEC. COOP, INC  
579 TENNEY MTN HIGHWAY  
PLYMOUTH, NH 03264

5-111-1  
TOWN OF CHESTER  
84 CHESTER ST.  
CHESTER, NH 03036

5-111-103  
CHRISTOPHER MACLEAN  
266 OLD SANDOWN ROAD  
CHESTER, NH 03036

6-017-001  
MICHAEL R. SHACKELFORD &  
SUSAN M. SHACKELFORD  
265 OLD SANDOWN ROAD  
CHESTER, NH 03036

6-17-13  
JASON & SARAH ST JEAN  
41 SHETLAND ROAD  
CHESTER, NH 03036

6-17-14  
RICHARD OFCARCIK  
45 SHETLAND ROAD  
R & K OFCARCIK FAMILY TRUST  
CHESTER, NH 03036

6-18  
RICHARD WEST  
843 GOULD HILL ROAD  
CONTOOCCOOK, NH 03229

6-19  
TOWN OF CHESTER  
84 CHESTER ROAD  
CHESTER, NH 03036

9-21-1  
DEREK & MEGHAN STEENBRUGEN  
200 FREMONT ROAD  
CHESTER, NH 03036

8-72  
JOHN J. PIROZZI & GLORIA J. PIROZZI  
126 FREMONT ROAD  
CHESTER, NH 03036

8-71  
ERIK SAUNDERS &  
ALYSSA TILTON  
127 FREMONT ROAD  
CHESTER, NH 03036

8-75  
CHARLES & NANCY MYETTE  
159 FREMONT ROAD  
MYETTE FAMILY REVOC TRUST  
CHESTER, NH 03036

8-73  
MORGAN SALMON  
143 FREMONT ROAD  
CHESTER, NH 03036

8-74  
CHARLES & NANCY MYETTE  
159 FREMONT ROAD  
MYETTE FAMILY REVOC TRUST  
CHESTER, NH 03036

8-75-1  
RJ PARIS &  
SHIRLEY PARIS  
173 FREMONT ROAD  
CHESTER, NH 03036

9-22  
WILLIAM L. GALLANT  
183 FREMONT ROAD  
CHESTER, NH 03036

OWNER'S SIGNATURE

PAUL GARABEDIAN, JR  
352 SOUTH BROADWAY  
SALEM, NH 03079

APPROVED BY THE CHESTER, NH

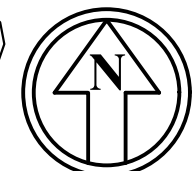
PLANNING BOARD ON: \_\_\_\_\_

CERTIFIED BY: \_\_\_\_\_

CHAIRMAN: \_\_\_\_\_

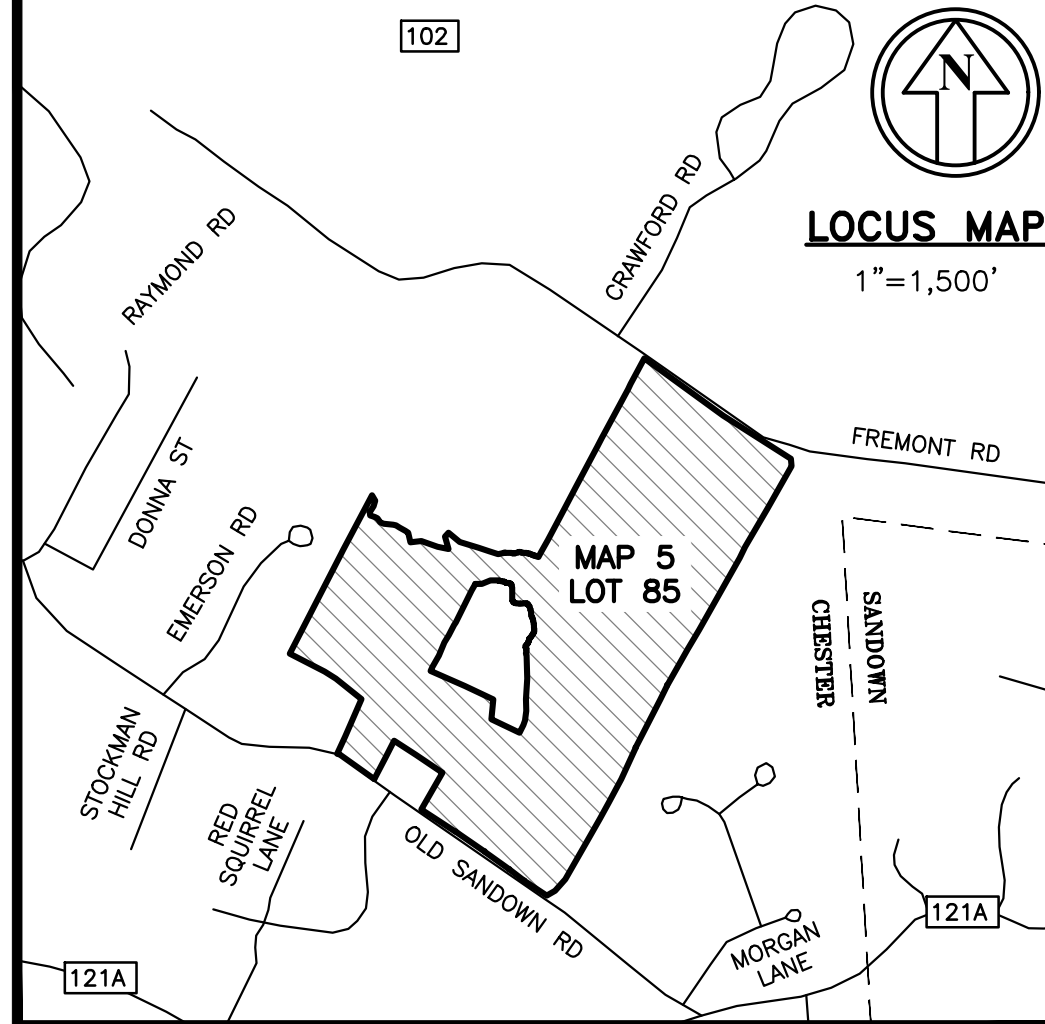
COORDINATOR: \_\_\_\_\_

102



LOCUS MAP

1"=1,500'



PLAN REFERENCES:

- A. PLAN ENTITLED "EARTH EXCAVATION, OLD SANDOWN, STOWE, & FREMONT ROADS, CHESTER, NEW HAMPSHIRE", DATE: AUGUST 2, 1991; SCALE: 1"=200'; PREPARED BY APPLIEDORE ENGINEERING, INC..



The Dubai Group, Inc.

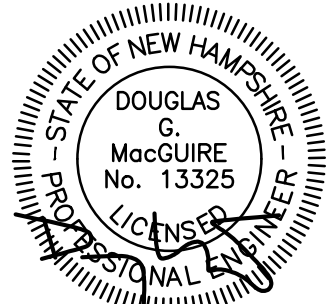
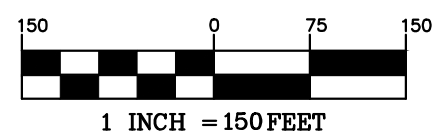
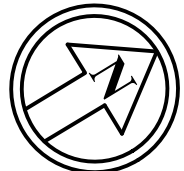
136 Harvey Rd. Bldg B101  
Londonderry, NH 03053  
603-458-6462

Engineers

Planners

Surveyors

TheDubayGroup.com



REVISIONS:			
REV	DATE	COMMENT	BY
1	4/5/22	REVS PER TOWN COMMENTS & AOT SUBMISSION	JHD
2	8/8/22	REVS PER AOT & TOWN COMMENTS	JHD
4	9/23/22	REVS PER AOT COMMENTS	JHD
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DRAWN BY: JHD  
CHECKED BY: DGM  
DATE: SEPTEMBER 17, 2021  
SCALE: 1"=150'  
FILE: 493-Excavation Plan  
DEED REF: BK 2119 PG 081

PROJECT:  
**CHESTER GRAVEL PIT**  
MAP 5 LOT 85  
152 FREMONT ROAD  
CHESTER, NH  
FOR  
**OLD SANDOWN RD, LLC**  
352 SOUTH BROADWAY ST.  
SALEM, NH 03079  
OWNER  
**PAUL GARABEDIAN, JR**  
352 SOUTH BROADWAY ST.  
SALEM, NH 03079

SHEET TITLE:  
**SITE EXCAVATION OVERVIEW PLAN**

PROJECT #493 SHEET 2 of 9



A. PLAN ENTITLED "EARTH EXCAVATION, OLD SANDOWN, STOWE, & FREMONT  
ROADS, CHESTER, NEW HAMPSHIRE"; DATE: AUGUST 2, 1991; SCALE:  
1"=200'; PREPARED BY APPLIED ENGINEERING, INC..



WETLANDS WERE DELINEATED BY LUKE HURLEY OF GOVE ENVIRONMENTAL SERVICES, INC. IN JULY OF 2022 USING THE FOLLOWING STANDARDS:

1. US ARMY CORPS OF ENGINEERS REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTH CENTRAL AND NORTHEAST REGION, TECHNICAL REPORT ERDC/EL TR-12-1 (JANUARY 2012).
2. FIELD INDIATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND – VERSION 4, JUNE 2020. NEW ENGLAND HYDRIC SOILS TECHNICAL COMMITTEE.
3. US ARMY CORPS OF ENGINEERS NATIONAL WETLAND PLANT LIST, 2018.
4. CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES. USFW MANUAL FWS/OBS-79/31 (1979).

<b>NUMBER</b>	<b>SOIL MAP UNIT NAME</b>	<b>HSG</b>
11	GLOUSTER	A
42	CANTON	B
444	NEWFIELDS	B
400haade	DISTURBED	N/A



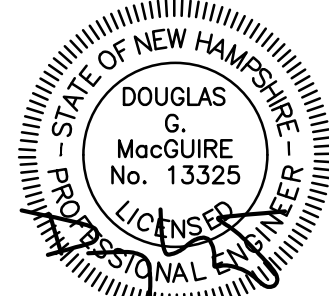
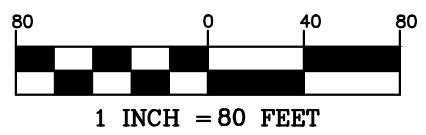
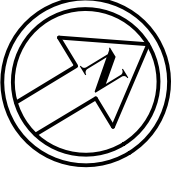
**The Dubay Group, Inc.**  
136 Harvey Rd. Bldg B101  
Londonderry, NH 03053  
603-458-6462

Engineers

## Planners

## Surveyors

TheDubayGroup.com

[illegible]

DRAWN BY: JHD  
CHECKED BY: DGM  
DATE: SEPTEMBER 17, 2021  
SCALE: 1"=80'  
FILE: 493-Excavation Plan  
DEED REF: BK 2119 PG 081

PROJECT:

## CHESTER GRAVEL PIT

MAP 5 LOT 85  
152 FREMONT ROAD  
CHESTER, NH

FOR -

**OLD SANDOWN RD, LLC**  
352 SOUTH BROADWAY ST.  
SALEM, NH 03079

OWNER

**PAUL GARABEDIAN, JR**  
352 SOUTH BROADWAY ST.  
SALEM, NH 03079

SHEET TITLE:

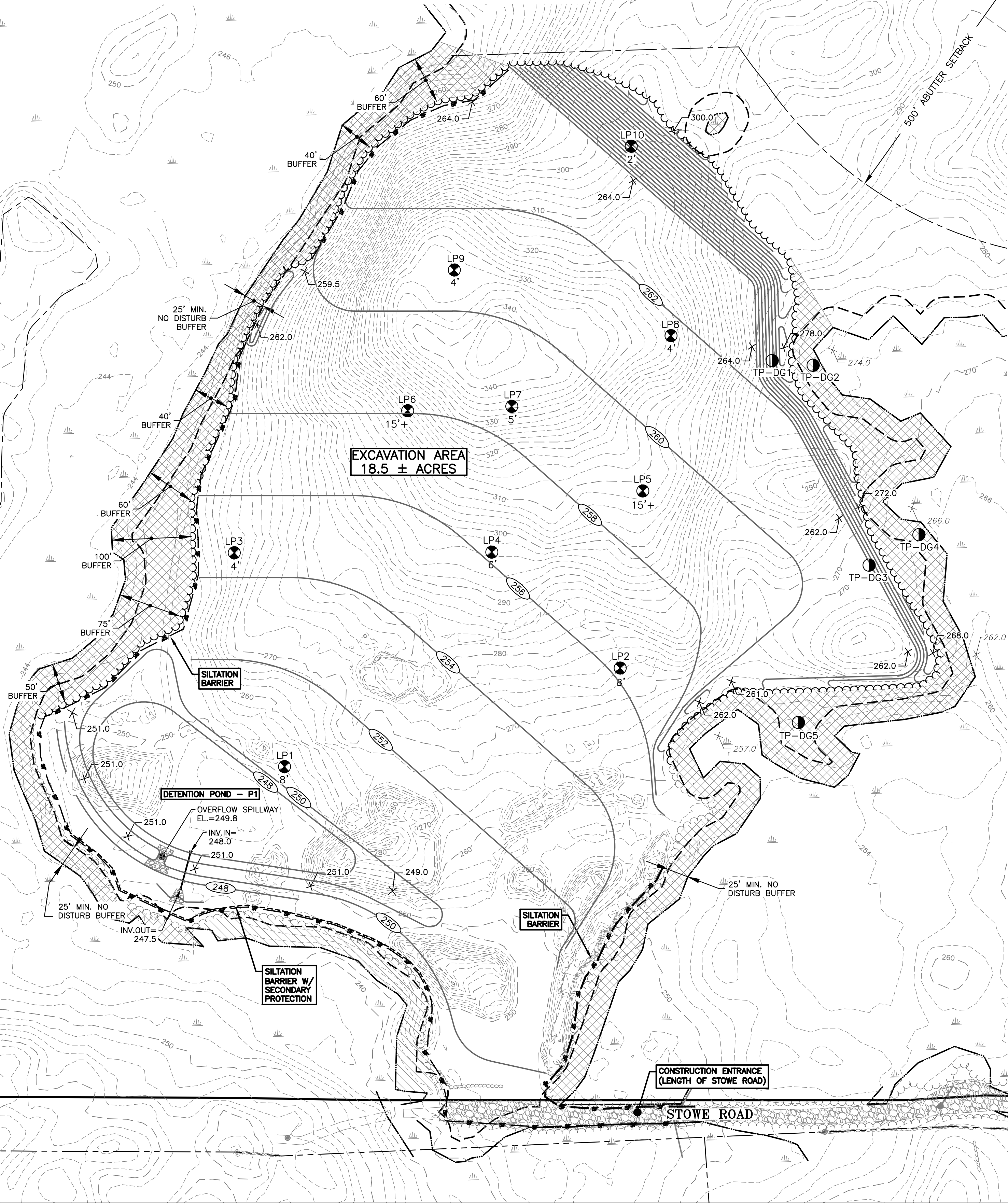
## EXISTING CONDITIONS & SITE SPECIFIC SOILS PLAN



WETLAND NOTES

WETLANDS WERE DELINEATED BY LUKE HURLEY OF GOVE ENVIRONMENTAL SERVICES, INC. IN JULY OF 2022 USING THE FOLLOWING STANDARDS:

1. US ARMY CORPS OF ENGINEERS REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, TECHNICAL REPORT ERDC/EL TR-12-1 (JANUARY 2012).
2. FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND – VERSION 4, JUNE 2020. NEW ENGLAND HYDRIC SOILS TECHNICAL COMMITTEE.
3. US ARMY CORPS OF ENGINEERS NATIONAL WETLAND PLANT LIST, 2018.
4. CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES. USFW MANUAL FWS/OBS-79/31 (1979).



GENERAL NOTES:

1. OWNERS OF RECORD:  
THE GARABEDIAN TESTAMENT TRUST  
PAUL GARABEDIAN, JR., TRUSTEE  
352 S. BROADWAY, SALEM, NH 03079
2. EXCAVATION CONTRACTOR:  
GROUNDHOG LANDSCAPING INC.  
6 BOWERS RD  
DERRY, NH 03038
3. PROPERTY IS LOCATED ON TAX MAP 5 LOT 85 (158± ACRES)
4. THE PURPOSE OF THIS PLAN PACKAGE IS TO PROVIDE AN OPERATIONAL PLAN FOR THE EXISTING EXCAVATION ON THE SUBJECT SITE.
5. THE EXISTING EXCAVATION LOCATED ON THIS SITE EXISTED AND WAS IN USE PRIOR TO AUGUST 24, 1979.
6. APPROXIMATE BOUNDARY INFORMATION SHOWN HEREON IS BASED ON PLAN REFERENCE 1 AND ASSESSORS MAPS.
7. EXISTING FEATURES AND TOPOGRAPHY SHOWN HEREON ARE BASED ON A OF A FIELD SURVEY PERFORMED BY THIS OFFICE BETWEEN JUNE AND SEPTEMBER 2021, UPDATED VIA UAS DATA IN JULY 2022 AND SUPPLEMENTED WITH STATEWIDE PUBLIC LIDAR DATA DOWNLOADED FROM NHGRANT AND INFORMATION TAKEN FROM PLAN REFERENCE 1.
8. APPLICANT SHALL SUBMIT TO THE DEPARTMENT OF ENVIRONMENTAL SERVICES A WRITTEN UPDATED OF THE PROJECT AND REVISED PLANS DOCUMENTING THE PROJECT STATUS EVERY 5 YEARS FROM THE DATE OF THE ALTERATION OF TERRAIN PERMIT.
9. ANY CHANGES TO THE PROPOSED EXCAVATION PLANS SHALL BE SUBMITTED TO THE PLANNING BOARD FOR REVIEW AND APPROVAL PRIOR TO PROCEEDING WITH SAID CHANGES.
10. NO BLASTING SHALL COMMENCE UNTIL THE PRE AND POST BLAST WATER QUALITY MONITORING PROGRAM HAS BEEN APPROVED BY NHDES. CONTRACTOR SHALL CONTACT THE NHDES DRINKING WATER & GROUNDWATER BUREAU PRIOR TO THE COMMENCEMENT OF WORK.
11. THE CONTRACTED SWPPP INSPECTOR SHALL SUBMIT SWPPP MONITORING REPORTS TO THE TOWN OF CHESTER WITHIN 72 HOURS.
12. ALL WORKMANSHIP AND METHODS INCORPORATED INTO THE WORK SHALL CONFORM WITH THE STANDARDS OF THE TOWN AND THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AS PUBLISHED AND AMENDED BY THE N.H.D.O.T.
13. THE PROPOSED LIMITS OF EXCAVATION ARE ESTIMATED TO TOTAL 790,000 CUBIC YARDS OF EXCAVATED MATERIAL.
14. ANTICIPATED TRUCK COUNT WILL VARY BASED ON MATERIAL MINED AND PROCESSING REQUIREMENTS. DAILY TRUCK COUNT COULD BE 50-70 TRUCKS PER DAY. TRUCKS WILL BE A MIXTURE OF TRI AXLE AND TRAILERS. TRUCKS WILL MEET DOT LOADING REQUIREMENTS. (73,000LBS LOADED TRI AXLE, 99,900LBS LOADED TRAILER).
15. ALL EQUIPMENT SERVICE AND MAINTENANCE SHALL TAKE PLACE OFFSITE.
16. CONTRACTOR SHALL CONTINUOUSLY CONSULT WITH THE GEOTECHNICAL ENGINEER REGARDING EXCAVATION STABILITY AND SAFETY OF ALL WORK AREAS.
17. SEE DETAILS FOR TYPICAL EROSION CONTROL SYSTEMS.
18. ALL STUMPS SHALL BE REMOVED AND DISCARDED OFFSITE OR GROUND/CHIPPED AND REUSED. IN NO INSTANCE SHALL STUMPS BE BURIED ON-SITE.
19. DUST CONTROL WILL BE PROVIDED VIA A 4,000 GALLON WATER TANKER TRUCK WHICH WILL BE ON SITE DURING EXCAVATION OPERATIONS.
20. PER RSA 155-E-4A-IV, ACCUMULATION OF FREESTANDING WATER FOR PROLONGED A PERIOD OF TIME IS PROHIBITED. SHOWN LIMITS OF GRADING REPRESENT TOTAL ANTICIPATED SITE CUT. THE CONTRACTOR SHALL LEAVE A MINIMUM OF 2 FEET OF PERMEABLE OVERBURDEN MATERIAL TO ALLOW FOR NATURAL WATER RECHARGE OF THE RUNOFF ASSOCIATED WITH THE EXCAVATION AREA. IF PROLONGED STANDING WATER IS OBSERVED, THE CONTRACTOR SHALL CONTACT THE ENGINEER TO DEVELOP A PLAN TO ELIMINATE STANDING WATER.
21. UPON COMPLETION OF EACH PHASE OF EXCAVATION, WHERE PRACTICABLE, THE LIMITS OF DISTURBANCE SHALL BE LOADED AND SEEDED PRIOR TO BLASTING FOR SUBSEQUENT PHASES. REFER TO EXCAVATION SEQUENCE NOTES FOR SEEDING SPECIFICATIONS.
22. DURING ON-SITE MATERIAL PROCESSING, SPRINKLER SYSTEMS ON THE MOBILE CRUSHING UNIT SHALL BE ATTACHED TO A WATER TRUCK AND USED TO SUPPRESS DUST CREATED FROM PROCESSING ACTIVITIES.
23. BLASTING OPERATIONS ON-SITE SHALL CONFORM TO THE APPROVED BLASTING PLAN AND TO NHDOT SPECIFICATIONS.
24. THE EXCAVATION SHALL BE RESTRICTED BY THE FOLLOWING OPERATIONAL STANDARDS:
  - A. NO EXCAVATION SHALL BE PERMITTED BELOW ROAD LEVEL WITHIN 50 FEET OF THE RIGHT OF WAY OF ANY PUBLIC HIGHWAY AS DEFINED IN RSA 229:1 UNLESS SUCH EXCAVATION IS FOR THE PURPOSE OF SAID HIGHWAY.
  - B. NO EXCAVATION SHALL BE PERMITTED WITHIN 100 FEET OF THE BOUNDARY OR WITHIN 500 FEET OF THE DWELLING OF DISAPPROVING ABUTTER.
  - C. NO EXCAVATION SHALL BE PERMITTED WITHIN 75 FEET OF ANY GREAT POND, NAVIGABLE RIVER, OR ANY OTHER STANDING BODY OF WATER 10 ACRES OR MORE IN AREA OR WITHIN 25 FEET OF ANY OTHER STREAM, RIVER OR BROOK WHICH NORMALLY FLOWS THROUGHOUT THE YEAR, OR ANY NATURALLY OCCURRING STANDING BODY OF WATER LESS THAN 10 ACRES, PRIME WETLAND AS DESIGNATED IN ACCORDANCE WITH RSA 482-A:15, I OR ANY OTHER WETLAND GREATER THAN 5 ACRES IN AREA AS DEFINED BY THE DEPARTMENT OF ENVIRONMENTAL SERVICES.
  - D. DRAINAGE SHALL BE MAINTAINED SO AS TO PREVENT THE ACCUMULATION OF FREE-STANDING WATER FOR PROLONGED PERIODS. EXCAVATION PRACTICES WHICH RESULT IN CONTINUED SILTATION OF SURFACE WATERS OR ANY DEGRADATION OF WATER QUALITY OF ANY PUBLIC OR PRIVATE WATER SUPPLIES ARE PROHIBITED.

- E. NO FUELS, LUBRICANTS, OR OTHER TOXIC OR POLLUTING MATERIALS SHALL BE STORED ON-SITE UNLESS IN COMPLIANCE WITH STATE LAWS OR RULES PERTAINING TO SUCH MATERIALS.
- F. PRIOR TO THE REMOVAL OF TOPSOIL OR OTHER OVERBURDEN MATERIAL FROM ANY LAND AREA THAT HAS NOT YET BEEN EXCAVATED, THE EXCAVATOR SHALL FILE A RECLAMATION BOND OR OTHER SECURITY AS PRESCRIBED BY THE REGULATOR, SUFFICIENT TO SECURE THE RECLAMATION OF THE LAND AREA TO BE EXCAVATED.
- G. EXCAVATION OPERATIONS (START-UP TO SHUT-DOWN) MAY OCCUR 7AM-5PM MONDAY THROUGH FRIDAY AND SATURDAY, WITH NO OPERATIONS OCCURRING ON SUNDAY.
- H. TRUCKS SHALL ACCESS THE SITE FROM NH ROUTE 102 (RAYMOND ROAD) AND UTILIZE FREMONT ROAD TO ENTER THE EXCAVATION SITE VIA STOWE ROAD, A CLASS VI ROADWAY WHICH HAS BEEN UPGRADED WITH GRAVEL TO ACCOMMODATE TRUCK ACCESS. TRUCKS WILL BE REQUIRED TO UTILIZE THIS TRAVEL ROUTE TO AND FROM THE SITE.
- I. NOTHING IN THIS CHAPTER SHALL BE DEEMED TO SUPERSEDE OR PREEMPT APPLICABLE ENVIRONMENTAL STANDARDS OR PERMIT REQUIREMENTS CONTAINED IN OTHER STATE LAWS, AND NO EXEMPTION UNDER THIS CHAPTER SHALL BE CONSTRUED AS AN EXEMPTION FROM ANY OTHER STATE STATUTE.

RECLAMATION STANDARDS:

- WITHIN 12 MONTHS AFTER THE EXPIRATION DATE IN A PERMIT ISSUED UNDER THIS CHAPTER, OR OF THE COMPLETION OF ANY EXCAVATION, WHICHEVER OCCURS FIRST, THE OWNER OF THE EXCAVATED LAND SHALL HAVE COMPLETED THE RECLAMATION OF THE AREAS AFFECTED BY THE EXCAVATION TO MEET EACH OF THE FOLLOWING MINIMUM STANDARDS OR WHEN SUCH EXCAVATION IS NOT SUBJECT TO A PERMIT UNDER THIS CHAPTER PURSUANT TO RSA 155-E:2, TO MEET EACH OF THE FOLLOWING EXPRESS STANDARDS:
- A. EXCEPT FOR EXPOSED ROCK LEDGE, ALL AREAS WHICH HAVE BEEN AFFECTED BY THE EXCAVATION OR OTHERWISE STRIPPED OF VEGETATION SHALL BE SPREAD WITH TOPSOIL OR STRIPPINGS, IF ANY, BUT IN ANY CASE COVERED BY SOIL CAPABLE OF SUSTAINING VEGETATION, AND SHALL BE PLANTED WITH SEEDLINGS OR GRASS SUITABLE TO PREVENT EROSION. AREAS VISIBLE FROM A PUBLIC WAY, FROM WHICH TREES HAVE BEEN REMOVED, SHALL BE REPLANTED WITH TREE SEEDLINGS, SET OUT IN ACCORDANCE WITH ACCEPTABLE HORTICULTURAL PRACTICES.
  - B. EARTH AND VEGETATIVE DEBRIS RESULTING FROM THE EXCAVATION SHALL BE REMOVED OR OTHERWISE LAWFULLY DISPOSED OF.
  - C. ALL SLOPES, EXCEPT FOR EXPOSED LEDGE, SHALL BE GRADED TO NATURAL REPOSE FOR THE TYPE OF SOIL OF WHICH THEY ARE COMPOSED SO AS TO CONTROL EROSION OR AT A RATIO OF HORIZONTAL TO VERTICAL PROPOSED BY THE OWNER AND APPROVED BY THE REGULATOR. CHANGES OF SLOPE SHALL NOT BE ABRUPT, BUT SHALL BLEND WITH THE SURROUNDING TERRAIN.
  - D. THE ELIMINATION OF ANY STANDING BODIES OF WATER CREATED IN THE EXCAVATION PROJECT AS MAY CONSTITUTE A HAZARD TO HEALTH AND SAFETY.
  - E. THE TOPOGRAPHY OF THE LAND SHALL BE LEFT SO THAT WATER DRAINING FROM THE SITE LEAVES THE PROPERTY AT THE ORIGINAL, NATURAL DRAINAGE POINTS AND IN THE NATURAL PROPORTIONS OF FLOW.
  - F. ANY EXCAVATED AREA OF 5 CONTIGUOUS ACRES OR MORE, WHICH IS DEPLETED OF COMMERCIAL EARTH MATERIALS, EXCLUDING BEDROCK, OR ANY EXCAVATION FROM WHICH EARTH MATERIALS OF SUFFICIENT WEIGHT OR VOLUME TO BE COMMERCIALY USEFUL HAVE NOT BEEN REMOVED FOR A 2-YEAR PERIOD, SHALL BE RECLAIMED IN ACCORDANCE WITH RSA 155-E:5, WITHIN 12 MONTHS FOLLOWING SUCH DEPLETION OR 2-YEAR NON-USE, REGARDLESS OF WHETHER OTHER EXCAVATION IS OCCURRING ON ADJACENT LAND IN CONTIGUOUS OWNERSHIP

OWNER'S SIGNATURE

PAUL GARABEDIAN, JR.  
352 SOUTH BROADWAY  
SALEM, NH 03079

APPROVED BY THE CHESTER, NH

PLANNING BOARD ON: \_\_\_\_\_

CERTIFIED BY: \_\_\_\_\_

CHAIRMAN: \_\_\_\_\_

COORDINATOR: \_\_\_\_\_



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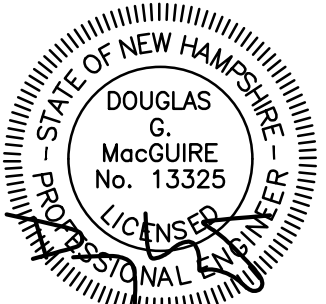
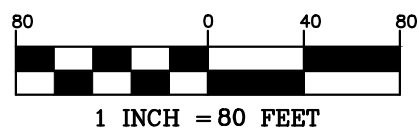
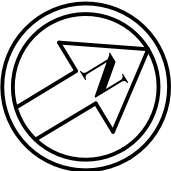
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1	4/5/22	REVS PER TOWN COMMENTS & AOT SUBMISSION	JHD
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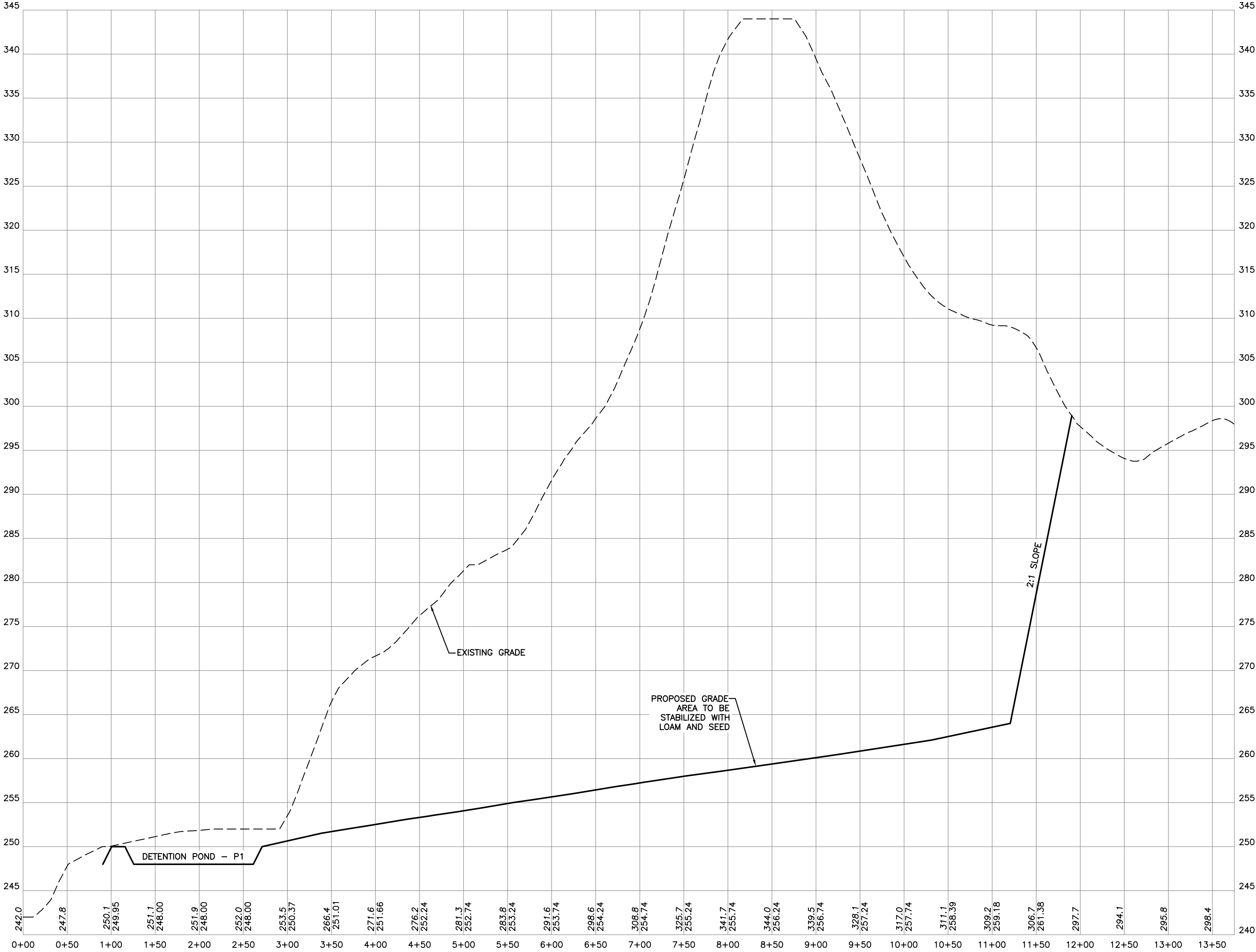
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DATE: SEPTEMBER 17, 2021  
SCALE: 1"=80'  
FILE: 493-Excavation Plan  
DEED REF: BK 2119 PG 081

PROJECT:  
**CHESTER GRAVEL PIT**  
MAP 5 LOT 85  
152 FREMONT ROAD  
CHESTER, NH  
FOR  
**OLD SANDOWN RD, LLC**  
352 SOUTH BROADWAY ST.  
SALEM, NH 03079  
OWNER  
**PAUL GARABEDIAN, JR**  
352 SOUTH BROADWAY ST.  
SALEM, NH 03079

SHEET TITLE:  
**EXCAVATION & RECLAMATION PLAN**



N:\PROJECTS\493-Carabedian-Chester Gravel Pit\DWG\CURRENT\493-DETAILS.dwg

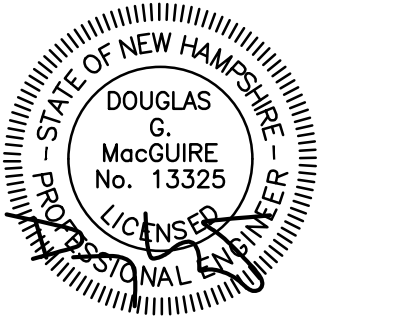
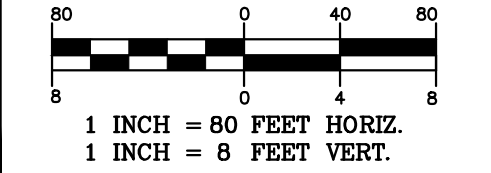


SECTION A-A



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SHEET TITLE:  
**CROSS SECTION PLAN**

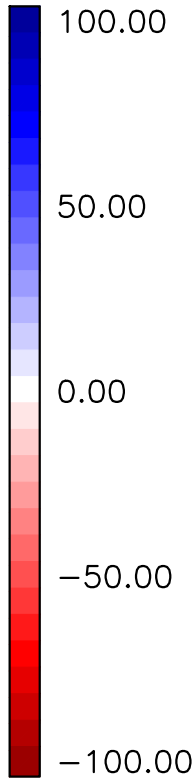
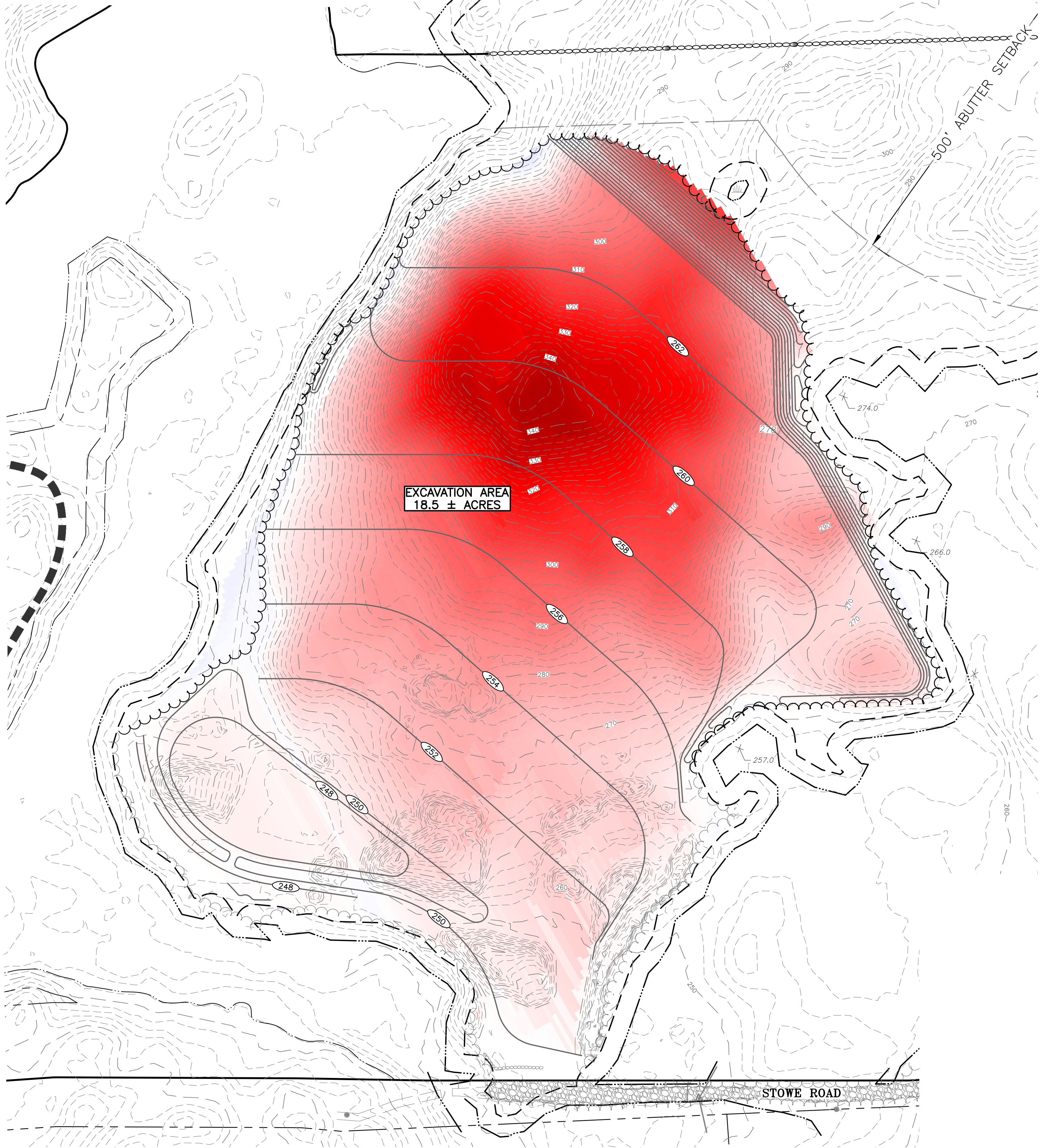


NHDES BLASTING NOTES:

**\*\*A GROUNDWATER MONITORING PLAN MUST BE DEVELOPED IF LEDGE IS ENCOUNTERED ON SITE AND EXPECTED TO EXCEED 5,000 CUBIC YARDS OF BLAST MATERIAL. THE MONITORING PLAN MUST BE REVIEWED AND APPROVED BY NHDES PRIOR TO COMMENCING WITH BLASTING OPERATIONS\*\***

ALL ACTIVITIES RELATED TO BLASTING SHALL FOLLOW BEST MANAGEMENT PRACTICES (BMPs) TO PREVENT CONTAMINATION OF GROUNDWATER INCLUDING PREPARING, REVIEWING AND FOLLOWING AN APPROVED BLASTING PLAN; PROPER DRILLING, EXPLOSIVE HANDLING AND LOADING PROCEDURES; OBSERVING THE ENTIRE BLASTING PROCEDURES; EVALUATING BLASTING PERFORMANCE; AND HANDLING AND STORAGE OF BLASTED ROCK.

- LOADING PRACTICES: THE FOLLOWING BLASTHOLE LOADING PRACTICES TO MINIMIZE ENVIRONMENTAL EFFECTS SHALL BE FOLLOWED:
  - DRILLING LOGS SHALL BE MAINTAINED BY THE DRILLER AND COMMUNICATED DIRECTLY TO THE BLASTER. THE LOGS SHALL INDICATE DEPTHS AND LENGTHS OF VOIDS, CAVITIES, AND FAULT ZONES OR OTHER WEAK ZONES ENCOUNTER AS WELL AS GROUNDWATER CONDITIONS.
  - EXPLOSIVE PRODUCTS SHALL BE MANAGED ON-SITE SO THAT THEY ARE EITHER USED IN THE BOREHOLE, RETURNED TO THE DELIVERY VEHICLE FOR HANDLING OR PLACEMENT IN SECURED CONTAINERS FOR OFF-SITE DISPOSAL.
  - SPILLAGE AROUND THE BOREHOLE SHALL EITHER BE PLACED IN THE BOREHOLE OR CLEANED UP AND RETURNED TO AN APPROPRIATE VEHICLE FOR HANDLING OR PLACEMENT IN SECURED CONTAINERS FOR OFF-SITE DISPOSAL.
  - LOADED EXPLOSIVE SHALL BE DETONATED AS SOON AS POSSIBLE AND SHALL NOT BE LEFT IN THE BLASTHOLES OVERNIGHT, UNLESS WEATHER OR OTHER SAFETY CONCERNS REASONABLY DICTATE THAT DETONATION SHOULD BE POSTPONED.
  - LOADING EQUIPMENT SHALL BE CLEANED IN AN AREA WHERE WASTEWATER CAN BE PROPERLY CONTAINED AND HANDLED IN A MANNER THAT PREVENTS RELEASE OF CONTAMINANTS TO THE ENVIRONMENT.
  - EXPLOSIVES SHALL BE LOADED TO MAINTAIN GOOD CONTINUITY IN THE COLUMN LOAD TO PROMOTE COMPLETE DETONATION. INDUSTRY ACCEPTED LOADING PRACTICES FOR PRIMING, STEMMING, DECKING AND COLUMN RISE NEED TO BE ATTENDED TO.
- EXPLOSIVE SELECTION: THE FOLLOWING BMPs SHALL BE FOLLOWED TO REDUCE THE POTENTIAL FOR GROUNDWATER CONTAMINATION WHEN EXPLOSIVES ARE USED.
  - EXPLOSIVE PRODUCTS SHALL BE SELECTED THAT ARE APPROPRIATE FOR SITE CONDITIONS AND SAFE BLAST EXECUTION.
  - EXPLOSIVE PRODUCTS SHALL BE SELECTED THAT HAVE THE APPROPRIATE WATER RESISTANCE FOR THE SITE CONDITIONS PRESENT TO MINIMIZE THE POTENTIAL FOR HAZARDOUS EFFECT OF THE PRODUCT UPON GROUNDWATER.
- PREVENTION OF MISFIRES: APPROPRIATE PRACTICES SHALL BE DEVELOPED AND IMPLEMENTED TO PREVENT MISFIRES.
- MUCK PILE MANAGEMENT: MUCK PILES (THE BLASTED PIECES OF ROCK) AND ROCK PILES SHALL BE MANAGED IN A MANNER TO REDUCE THE POTENTIAL FOR CONTAMINATION BY IMPLEMENTING THE FOLLOWING MEASURES:
  - REMOVE THE MUCK PILE FROM THE BLAST AREA AS SOON AS REASONABLY POSSIBLE.
  - MANAGE THE INTERACTION OF BLASTED ROCK PILES AND STORMWATER TO PREVENT CONTAMINATION OF WATER SUPPLY WELLS OR SURFACE WATER.
- SPILL PREVENTION MEASURES AND SPILL MITIGATION: SPILL PREVENTION AND SPILL MITIGATION MEASURES SHALL BE IMPLEMENTED TO PREVENT THE RELEASE OF FUEL AND OTHER RELATED SUBSTANCES TO THE ENVIRONMENT. THE MEASURES SHALL INCLUDE AT A MINIMUM:
  - THE FUEL STORAGE REQUIREMENTS SHALL INCLUDE:
    - STORAGE OF REGULATED SUBSTANCES ON AN IMPERVIOUS SURFACE.
    - SECURE STORAGE AREAS AGAINST UNAUTHORIZED ENTRY.
    - LABEL REGULATED CONTAINERS CLEARLY AND VISIBLY.
    - INSPECT STORAGE AREAS WEEKLY.
    - COVER REGULATED CONTAINERS IN OUTSIDE STORAGE AREAS.
    - WHEREVER POSSIBLE, KEEP REGULATED CONTAINERS THAT ARE STORED OUTSIDE MORE THAN 50 FEET FROM SURFACE WATER AND STORM DRAINS, 75 FEET FROM PRIVATE WELLS, AND 400 FEET FROM PUBLIC WELLS.
    - SECONDARY CONTAINMENT IS REQUIRED FOR CONTAINERS CONTAINING REGULATED SUBSTANCES STORED OUTSIDE, EXCEPT FOR ON PREMISE USE HEATING FUEL TANKS, OR ABOVEGROUND OR UNDERGROUND STORAGE TANKS OTHERWISE REGULATED.
  - THE FUEL HANDLING REQUIREMENTS SHALL INCLUDE:
    - EXCEPT WHEN IN USE, KEEP CONTAINERS CONTAINING REGULATED SUBSTANCES CLOSED AND SEALED.
    - PLACE DRIP PANS UNDER SPIGOTS, VALVES, AND PUMPS.
    - HAVE SPILL CONTROL AND CONTAINMENT EQUIPMENT READILY AVAILABLE IN ALL WORK AREAS.
    - USE FUNNELS AND DRIP PANS WHEN TRANSFERRING REGULATED SUBSTANCES.
    - PERFORM TRANSFERS OF REGULATED SUBSTANCES OVER AN IMPERVIOUS SURFACE.
  - THE TRAINING OF ON-SITE EMPLOYEES AND THE ON-SITE POSTING OF RELEASE RESPONSE INFORMATION DESCRIBING WHAT TO DO IN THE EVENT OF A SPILL OF REGULATED SUBSTANCES.
  - FUELING AND MAINTENANCE OF EXCAVATION, EARTHMOVING AND OTHER CONSTRUCTION RELATED EQUIPMENT WILL COMPLY WITH THE REGULATIONS OF THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES [NOTE THESE REQUIREMENTS ARE SUMMARIZED IN WD-DWGB-22-6 BEST MANAGEMENT PRACTICES FOR FUELING AND MAINTENANCE OF EXCAVATION AND EARTHMOVING EQUIPMENT OR ITS SUCCESSOR DOCUMENT. (SEE <http://des.nh.gov/organization/commissioner/pip/factsheets/dwgb/documents/dwgb-22-6.pdf>)]



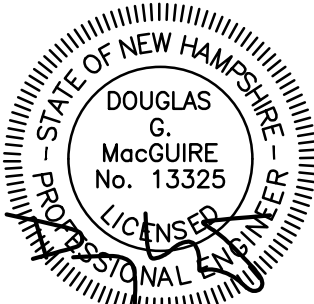
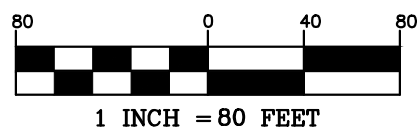
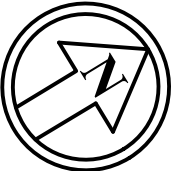
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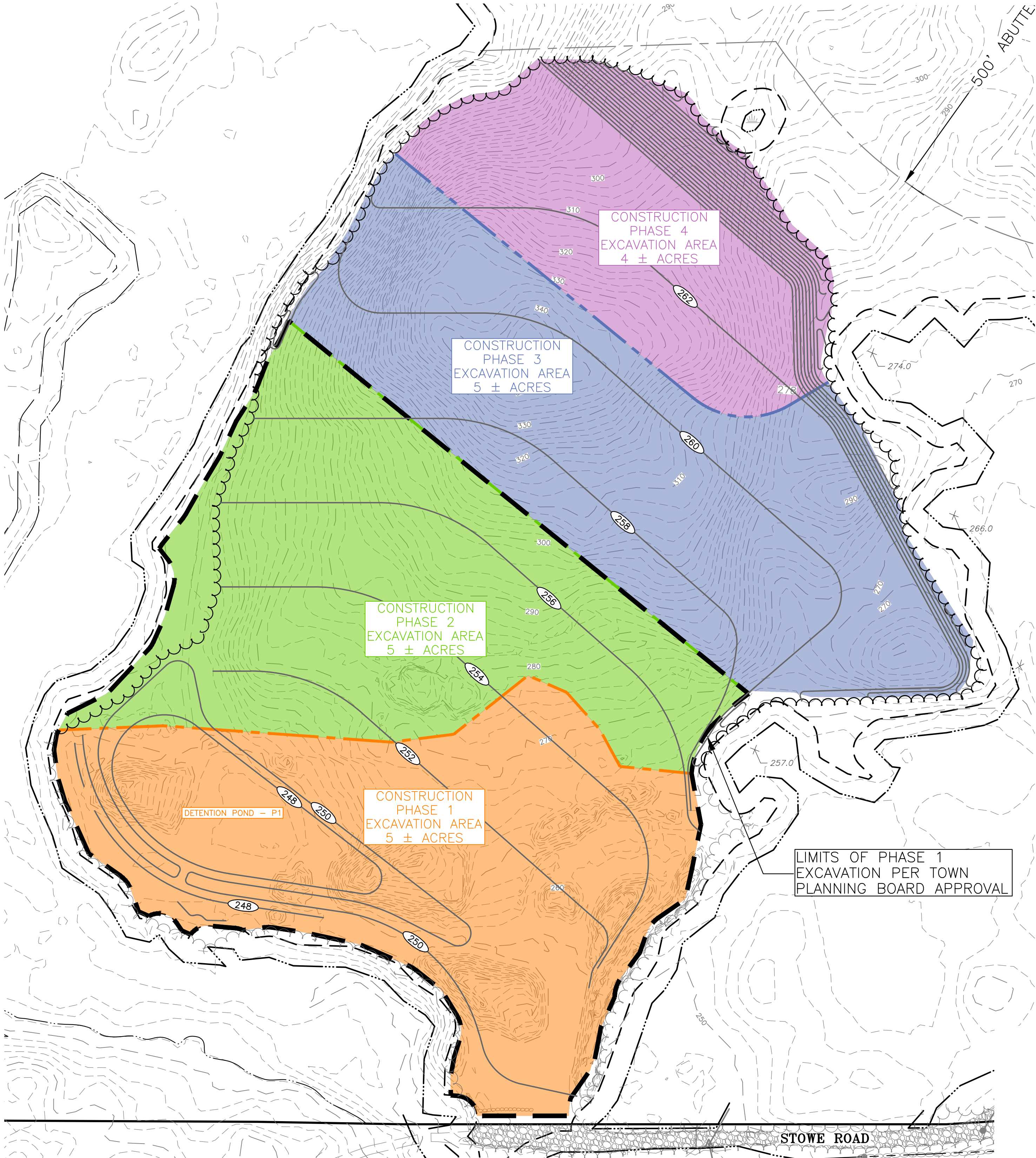
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SHEET TITLE:  
**CUT/FILL ANALYSIS PLAN**



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MOBILE FUELING NOTES:

MOBILE FUELING OF EXCAVATION EQUIPMENT WILL OCCUR ON SITE. SECONDARY CONTAINMENT MUST BE PROVIDED FOR ALL REGULATED CONTAINERS AND BE IN PLACE DURING REFUELING ACTIVITIES INVOLVING TRANSFERS OF FUEL FROM "ON-ROAD" DELIVERY TRUCKS. "OFF-ROAD" TANK TRUCKS (REFERRED TO AS "MOBILE REFUELERS") OR PORTABLE CONTAINERS TO FIELD EQUIPMENT. PORTABLE CONTAINMENT EQUIPMENT, SUCH AS A RIGID OR FLEXIBLE POP-UP POOL OR BERM, SHALL BE USED DURING MOBILE FUELING AND POSITIONED TO CATCH ANY FUEL SPILLS DUE TO OVERFILLING THE EQUIPMENT AND ANY OTHER SPILLS THAT MAY OCCUR DURING THE FUELING PROCESS. EQUIPMENT (SPILL KIT) TO CLEAN UP SPILLS AND LEAKS MUST BE LOCATED IN THE IMMEDIATE AREA. REFER TO THE NHDES FACT SHEET, WD-DWGB-22-6, BEST MANAGEMENT PRACTICES FOR FUELING AND MAINTENANCE OF EXCAVATION AND EARTHMOVING EQUIPMENT, AVAILABLE AT: WD-DWGB-22-6 BEST MANAGEMENT PRACTICES FOR FUELING AND MAINTENANCE OF EXCAVATION AND EARTHMOVING EQUIPMENT (NH.GOV).

THE BEST MANAGEMENT PRACTICES NOTED IN WD-DWGB-22-6 SHALL BE IMPLEMENTED INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

1. PROVIDE SECONDARY CONTAINMENT DURING FUEL TRANSFERS;
2. COMPLY WITH RELATED STATE AND FEDERAL REQUIREMENTS;
3. EMPLOYEE TRAINING TO PREVENT, CONTAIN AND CLEAN UP SPILLS;
4. IMMEDIATELY REPORT SIGNIFICANT OR UNCONTROLLED SPILLS;
5. PROPERLY STORE AND DISPOSE OF CONTAMINATED SOIL AND MATERIALS.

CONSTRUCTION SEQUENCE

1. PRIOR TO CONSTRUCTION, AN INITIAL PRE CONSTRUCTION MEETING(S) SHALL TAKE PLACE WITH THE CONTRACTOR, OWNER AND TOWN AGENTS.
2. THIS SITE WILL REQUIRE A USEPA NPDES PERMIT FOR STORMWATER DISCHARGE FOR THE SITE CONSTRUCTION SINCE THE DISTURBANCE EXCEEDS ONE ACRE. THE CONSTRUCTION SITE OPERATOR SHALL DEVELOP AND IMPLEMENT A CONSTRUCTION STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WHICH SHALL REMAIN ON SITE AND MADE ACCESSIBLE TO THE PUBLIC. A COMPLETED NOTICE OF TERMINATION (NOT) SHALL BE SUBMITTED TO NPDES PERMITTING AUTHORITY WITHIN 30 DAYS AFTER EITHER OF THE FOLLOWING CONDITIONS HAVE BEEN MET: FINAL STABILIZATION HAS BEEN ACHIEVED ON ALL PORTIONS OF THE SITE FOR WHICH THE PERMITTEE IS RESPONSIBLE; OR ANOTHER OPERATOR/PERMITTEE HAS ASSUMED CONTROL OVER ALL AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
3. SWPPP INSPECTIONS SHALL OCCUR AT LEAST ONCE EVERY SEVEN (7) DAYS. COPIES OF INSPECTIONS REPORTS WITH PHOTOS SHALL BE SUBMITTED TO THE TOWN WITHIN 7-DAYS OF INSPECTION.
4. INSTALL PERIMETER CONTROLS, I.E SILT FENCE AND/OR SILTSOXX AROUND THE LIMITS OF DISTURBANCE BEFORE ANY EARTH MOVING OPERATION.
5. CONSTRUCT TEMPORARY CONSTRUCTION EXIT.
6. CLEAR AND GRUB WITHIN AREAS OF DISTURBANCE UNLESS OTHERWISE NOTED.
7. CONSTRUCT AND STABILIZE DETENTION POND P1.
8. REMOVE AND STOCKPILE MATERIALS AS REQUIRED. STOCKPILE SHALL BE SURROUNDED WITH AN EROSION CONTROL DEVICE TO PREVENT EROSION. STOCKPILE AREAS ARE LIMITED AND THUS MANAGEMENT OF MATERIALS WILL BE REQUIRED.
9. ESTABLISH STAGING AREAS.
10. PERFORM EXCAVATION OPERATIONS BY PHASE.
11. COMPLETE EACH PHASE 1-4; EACH PHASE MUST BE STABILIZED PRIOR TO DISTURBANCE OF SUBSEQUENT PHASE.
9. UTILIZE ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES TO ENSURE EACH PHASE IS PROTECTED FROM POTENTIAL SEDIMENT TRANSPORT.
10. DIRECT SURFACE RUNOFF INTO EXCAVATED AREA OR SEDIMENT TRAPS. NO RUNOFF FROM EXCAVATED AREAS SHALL DISCHARGE OFFSITE.
11. LOAM AND SEED ALL DISTURBED AREAS.
12. REMOVE TRAPPED SEDIMENTS FROM COLLECTION DEVICES AS APPROPRIATE, AND THEN REMOVE TEMPORARY EROSION CONTROL MEASURES UPON COMPLETION OF FINAL STABILIZATION OF THE SITE.

CONSTRUCTION PHASE

1. EACH PHASE MUST BE STABILIZED PRIOR TO THE COMMENCEMENT OF SUBSEQUENT PHASE.
2. THE TEMPORARY BMPs ASSOCIATED WITH THE PHASING OF THIS PROJECT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND LANDOWNER, WHO WILL BE RESPONSIBLE FOR INSPECTION, OPERATION, AND MAINTENANCE.
3. EROSION CONTROL PROCEDURES SHALL CONFORM TO SECTION 645 OF THE "STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION OF THE NHDOT". EROSION CONTROL SHALL BE INSTALLED DOWNHILL OF ALL AREAS WHERE WORK WILL EXPOSE UNPROTECTED SOIL TO PREVENT SEDIMENT FROM ENTERING CATCH BASINS, DRAINAGE STRUCTURES AND/OR DRAINAGE WAYS.
4. 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. IN ALL CASES EXPOSURE SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME. LAND SHALL NOT BE LEFT UNPROTECTED DURING THE WINTER MONTHS.
5. IF, DURING CONSTRUCTION, IT COMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE CONTRACTOR SHALL BE REQUIRED TO IMMEDIATELY INSTALL AND MAINTAIN THE NECESSARY EROSION PROTECTION.

ENV-WQ 1505.3 MAXIMUM OPEN AREA ALLOWED:

- (a) ALL AREAS OF UNSTABILIZED SOIL SHALL BE:
  - (1) TEMPORARILY STABILIZED AS SOON AS PRACTICABLE BUT IN ALL CASES WITHIN 45 DAYS OF INITIAL DISTURBANCE, UNLESS A SHORTER TIME IS SPECIFIED BY LOCAL AUTHORITIES, THE CONSTRUCTION SEQUENCE APPROVED AS PART OF THE ISSUED PERMIT, OR AN INDEPENDENT MONITOR; AND
  - (2) PERMANENTLY STABILIZED AS SOON AS PRACTICABLE BUT IN ALL CASES WITHIN 3 DAYS OF FINAL GRADING.
- (b) SUBJECT TO (C) AND (F), BELOW, THE AREA OF UNSTABILIZED SOIL SHALL NOT EXCEED 5 ACRES AT ANY TIME.
- (c) THE DEPARTMENT SHALL AUTHORIZE AN APPLICANT TO DISTURB MORE THAN 5 ACRES AT ONE TIME IF THE APPLICANT:
  - (1) SUBMITS DOCUMENTATION THAT THE REQUIRED AREAS OF EARTH CUTS AND FILLS ARE SUCH THAT AN AREA OF DISTURBANCE OF 5 ACRES OR LESS WOULD UNREASONABLY LIMIT THE CONSTRUCTION SCHEDULE;
  - (2) SUBMITS A CONSTRUCTION SEQUENCE PLAN, DEVELOPED BY A QUALIFIED ENGINEER OR A CPESC SPECIALIST; AND
  - (3) EMPLOYS AN ENVIRONMENTAL MONITOR DURING CONSTRUCTION.
- (d) SUBJECT TO (E), BELOW, THE ENVIRONMENTAL MONITOR SHALL:
  - (1) INSPECT THE PROJECT SITE AT LEAST ONCE EACH WEEK FROM THE START OF TERRAIN ALTERATION ACTIVITIES UNTIL ALL TERRAIN ALTERATION ACTIVITIES ARE COMPLETED AND THE SITE IS STABILIZED;
  - (2) 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;
  - (3) SUBMIT A WRITTEN REPORT, STAMPED BY A QUALIFIED ENGINEER OR A CPESC SPECIALIST, TO THE DEPARTMENT WITHIN 24 HOURS OF EACH INSPECTION THAT:
    - a. DESCRIBES THE PROGRESS OF THE PROJECT, INCLUDING WHETHER ALL CONDITIONS OF THE PERMIT ARE BEING MET AND, IF NOT, WHICH REQUIREMENTS ARE NOT BEING MET;
    - b. 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
    - c. INCLUDES PHOTOGRAPHS OF THE SITE THAT ARE REPRESENTATIVE OF THE PROJECT; AND
  - (2) RETAIN A COPY OF THE REPORT PREPARED PURSUANT TO (3), ABOVE, ON-SITE FOR REVIEW DURING SITE INSPECTIONS BY FEDERAL, STATE, AND LOCAL OFFICIALS.
- (b) ROUTINE INSPECTION FREQUENCY MAY BE REDUCED FROM ONCE EACH WEEK TO AT LEAST ONCE EACH MONTH IF EITHER OF THE FOLLOWING CONDITIONS IS MET:
  - (1) WORK HAS BEEN SUSPENDED AND THE ENTIRE SITE IS STABILIZED IN ACCORDANCE WITH ENV-WQ 1505.04; OR
  - (2) RUNOFF IS UNLIKELY BECAUSE:
    - a. THE GROUND IS FROZEN OR THE SITE IS COVERED WITH SNOW OR ICE; AND
    - b. THE PROJECT IS IN AN AREA WHERE FROZEN CONDITIONS ARE ANTICIPATED TO CONTINUE FOR MORE THAN ONE MONTH.
- (c) IF THE SITE IS WITHIN 50 FEET OF SURFACE WATER, HAS A GRADE OF 25% OR GREATER, OR CONTAINS SOILS HAVING AN ERODIBILITY FACTOR OF 0.4 OR GREATER, OR ANY COMBINATION OF THESE, THE OWNER SHALL, REGARDLESS OF THE SIZE OF THE OPEN AREA:
  - (1) SUBMIT A CONSTRUCTION SEQUENCE PLAN, DEVELOPED BY A QUALIFIED ENGINEER OR A CPESC SPECIALIST;
  - (2) EMPLOY AN ENVIRONMENTAL MONITOR; AND
  - (3) COMPLY WITH (D) AND (E), ABOVE.

SOURCE: (SEE RN1 AT P. V) #9343, EFF 1-1-09; SS BY #12342, EFF 8-15-17 (FORMERLY ENV-WQ 1505.02) (SEE RN3 AT P. V)



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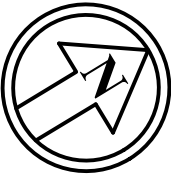
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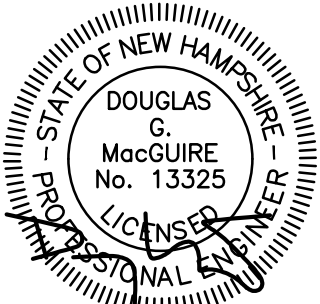
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CHESTER GRAVEL PIT

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152 FREMONT ROAD  
CHESTER, NH

FOR

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SHEET TITLE:

PHASING PLAN &  
CONSTRUCTION  
NOTES







