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**SURVEYOR OF RECORD:** KENNETH A. BERRY, PE, LLS  
 CPSWQ, CPESC, CESSWI  
 BERRY SURVEYING & ENGINEERING  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825  
 (603) 332-2863

**OWNER:** ROBERT L. DIBERTO  
 324 ROUTE 108  
 MADBURY, NH 03823

**ENGINEER OF RECORD:** KENNETH A. BERRY, PE, LLS  
 CPSWQ, CPESC, CESSWI  
 BERRY SURVEYING & ENGINEERING  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825  
 (603) 332-2863

**APPLICANT:** ROBERT L. DIBERTO  
 324 ROUTE 108  
 MADBURY, NH 03823

**WETLAND SCIENTIST:** JOHN P. HAYES III, CSS, CWS  
 & **SOIL SCIENTIST:** 7 LIMESTONE WAY  
 NORTH HAMPTON, NH 03862  
 (603) 205-4396

# MAJOR SUBDIVISION FOR ROBERT L. DIBERTO MITCHELL ROAD NOTTINGHAM, N.H. NOTTINGHAM TAX MAP 7, LOT 1N

NOTTINGHAM  
 APPROVED  
 PLANNING BOARD

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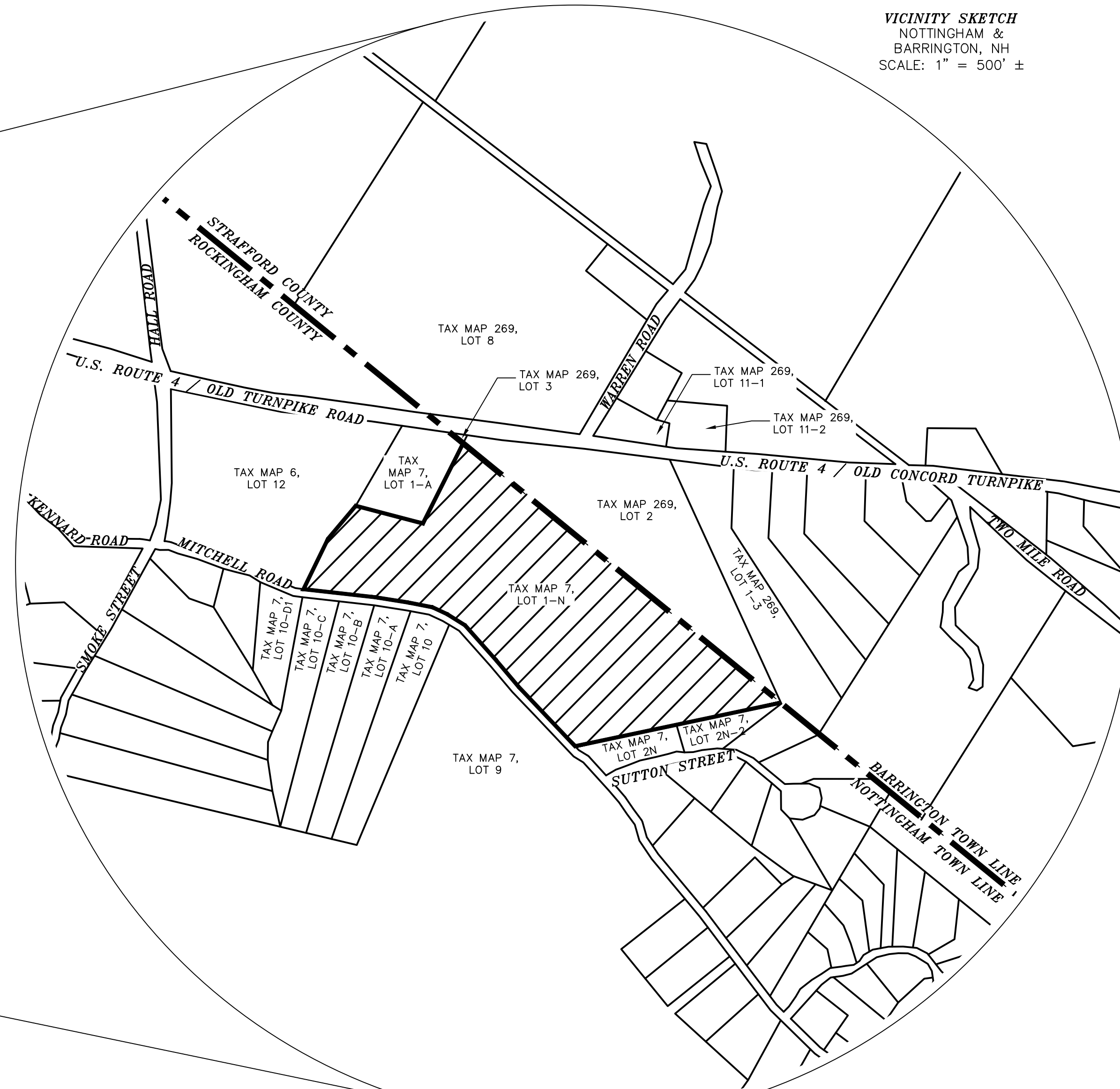
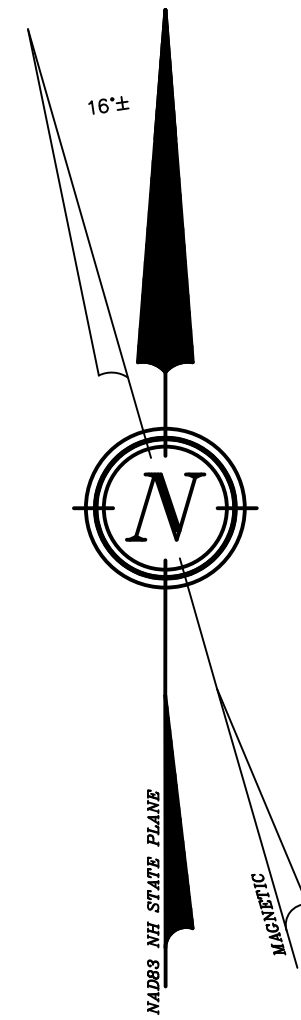
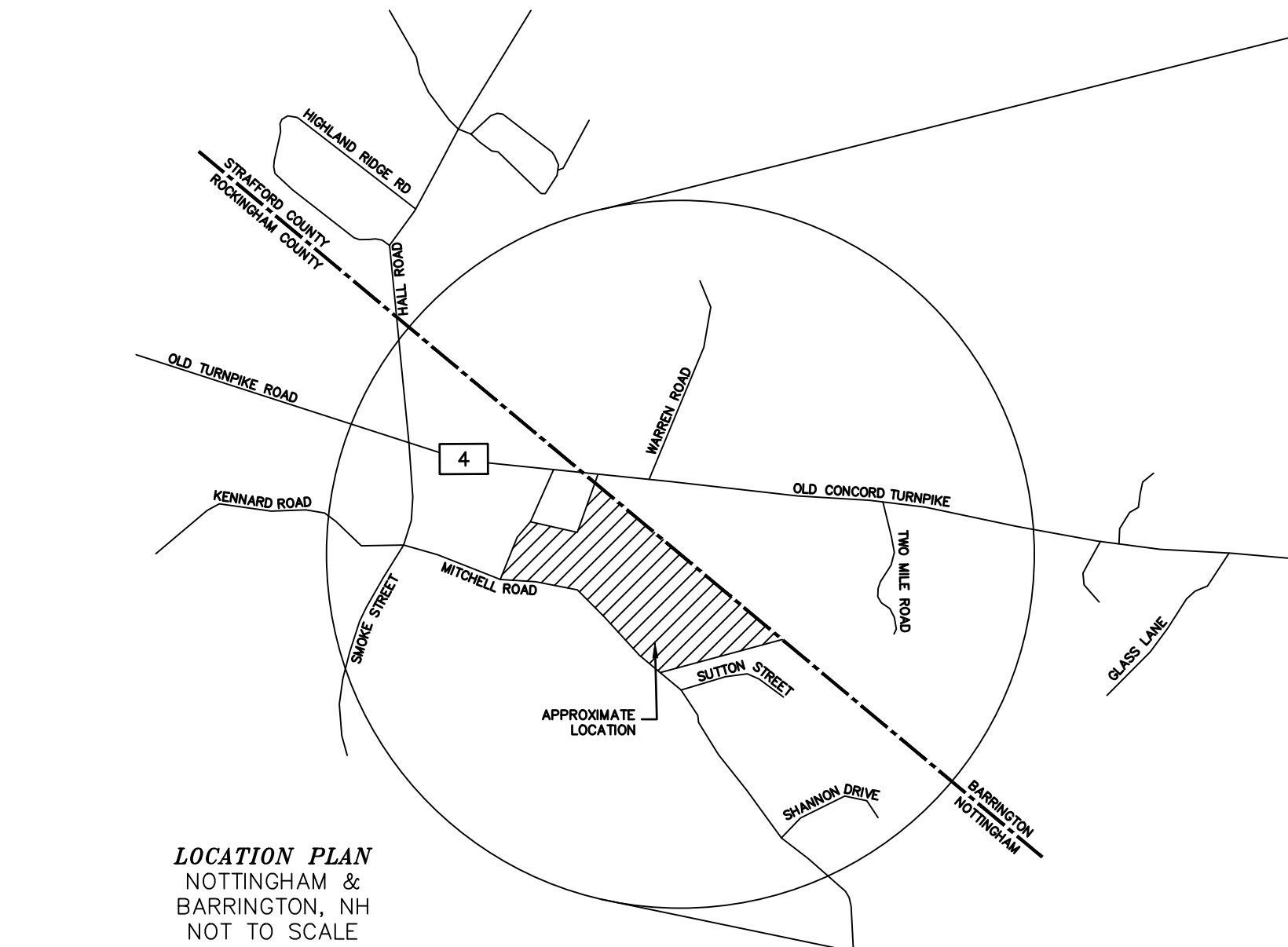
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DATE

**VICINITY SKETCH**  
 NOTTINGHAM &  
 BARRINGTON, NH  
 SCALE: 1" = 500' ±



**REQUIRED PERMITS:**

- 1.) NHDES SUBDIVISION APPROVAL: (PENDING)
- 2.) NHDES WETLANDS IMPACT PERMIT: (PENDING)
- 3.) NHDES ALTERATION OF TERRAIN PERMIT (PENDING)
- 4.) EPA NOTICE OF INTENT / SWPPP: (PENDING)
- 5.) NATURAL HERITAGE BUREAU: (PENDING)
- 6.) DIVISION OF HISTORICAL RECOURSES: (PENDING)
- 7.) CONDITIONAL USE PERMIT: (PENDING)

**GENERAL PLAN SET NOTES:**

- 1.) 11x17" PLANS ARE HALF THE PUBLISHED SCALE.
- 2.) ALL PLANS ARE CONSIDERED TO BE NOT FOR CONSTRUCTION UNLESS THEY CONTAIN THE APPROVAL STAMP OF THE TOWN OF NOTTINGHAM.

WHETHER OR NOT OTHERWISE EXPRESSLY RECITED ON THIS SITE PLAN, THE SUBDIVISION PLAN APPROVAL GRANTED IS CONDITIONED ON FAITHFUL AND DILIGENT ADHERENCE BY THE OWNER/SUBDIVIDER/DEVELOPER OF ALL TERMS, CONDITIONS, PROVISIONS AND SPECIFICATIONS OF THE TOWN OF NOTTINGHAM LAND SUBDIVISION REGULATIONS AS AMENDED OR AS MAY LATER BE AMENDED, IN EFFECT ON THE DATE OF APPROVAL, UNLESS OR EXCEPT INSOFAR AS EXPRESSLY WAIVED, IN ANY PARTICULAR, BELOW. NON - ADHERENCE MAY RESULT IN A REVOCATION OF APPROVAL. ANY VARIATION FROM THE APPROVED PLAN WILL REQUIRE A RESUBMISSION FOR SUBDIVISION APPROVAL.

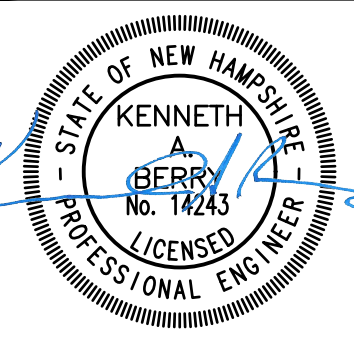
**NOTE:**

BERRY SURVEYING & ENGINEERING HAS PREPARED AN INSPECTION & MAINTENANCE MANUAL AS PART OF THIS PROJECTS DOCUMENTATION. ALL USERS ARE BOUND TO THIS DOCUMENT AS PART OF THE APPROVAL OF THE PLANNING BOARD. COPIES OF THE YEARLY INSPECTIONS ARE TO BE DELIVERED TO THE TOWN OF NOTTINGHAM TOWN HALL.

| #1 | REVISION | DATE    | DESCRIPTION                          |
|----|----------|---------|--------------------------------------|
|    |          | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

MAJOR SUBDIVISION  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N

**BERRY SURVEYING & ENGINEERING**  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 SCALE : AS SHOWN  
 DATE : MARCH 16, 2020  
 FILE NO. : DB 2018 - 125





**ABBREVIATION LEGEND:**

- BITUM. BITUMINOUS
- E.O.P. EDGE OF PAVEMENT
- E.S.H.W.T ESTIMATED SEASONAL HIGH WATER TABLE
- TYP. TYPICAL
- U.G.E. UNDER GROUND ELECTRIC / UTILITY
- U.D. UNDER DRAIN
- C.O. CLEAN OUT
- INV. INVERT
- ELEV. ELEVATION
- F.E.S. FLARED END SECTION
- HDPE HIGH DENSITY POLYETHYLENE
- RECB ROLLED EROSION CONTROL BLANKET
- F.G. FINISHED GRADE
- E.G. EXISTING GRADE
- E.T.W. EDGE OF TRAVELED WAY
- T.B.R. TO BE REMOVED
- PL PROPERTY LINE
- EL EASEMENT LINE
- R.O.W. RIGHT OF WAY
- CL CENTER LINE
- CF CUBIC FEET
- P.C. POINT OF CURVATURE
- P.T. POINT OF TANGENCY
- P.V.C. POINT OF VERTICAL CURVATURE
- P.V.I. POINT OF VERTICAL INTERSECTION
- P.V.T. POINT OF VERTICAL TANGENCY
- EX. EXISTING
- PROP. PROPOSED
- R&R REMOVE AND REPLACE
- STA. STATION
- '/' FOOT / FOOT

**EXISTING LEGEND:**

- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND ~FND~
- NH HIGHWAY BOUND ~FND~
- UTILITY POLE
- GUY WIRE
- SIGNAGE
- TEST PIT
- LEDGE PROBE
- TEMPORARY BENCHMARK (T.B.M.)
- BLAZED/PAINTED TREE
- POORLY DRAINED WETLAND LINE
- VERY POORLY DRAINED WETLAND LINE
- BUILDING SETBACK LINE
- EASEMENT LINE
- WETLAND SETBACK 50' TO POORLY DRAINED
- WETLAND SETBACK 75' TO VERY POORLY DRAINED
- STONE WALL
- NRCS SOIL DELINEATION LINE
- SITE SPECIFIC SOIL LINE
- LIMIT OF SOIL SURVEY
- OVERHEAD UTILITIES LINE
- EXISTING DRAIN CULVERT
- CONTOUR MINOR, EXISTING
- CONTOUR MAJOR, EXISTING
- AREA OF 25% OR GREATER SLOPE
- SOIL SERIES
- NRCS SOIL LABEL
- ROCKINGHAM COUNTY REGISTRY OF DEEDS
- STRAFFORD COUNTY REGISTRY OF DEEDS
- TYP. FOUND

**PROPOSED LEGEND:**

- GRANITE BOUND ~TBS~
- 3/4" REBAR W/ ID CAP ~TBS~
- 1/2" EASEMENT IRON BOUND W/ID CAP ~TBS~
- UTILITY POLE
- OUTLET STRUCTURE
- SIGNAGE
- CHECK DAM-MATERIAL AS SPECIFIED
- FLOW ARROW
- WELL
- TEMPORARY BENCH MARK (T.B.M.)
- DETAIL SHEET / DETAIL
- MATCH POINT
- MATCH LINE
- CONTOUR MINOR, PROPOSED
- CONTOUR MAJOR, PROPOSED
- DRAIN CULVERT W/ FLARED END SECTION (F.E.S.)
- GUARD RAIL
- SHOULDER
- CENTER LINE
- CLEAR ZONE LINE
- BUILDING SETBACK LINE
- SUBDIVISION BOUNDARY LINE
- 75' PROTECTIVE WELL RADIUS (NHDES)
- SAW CUT & MILL
- TRANSFORMER / J.BOX
- UNDERGROUND UTILITY
- UNDER DRAIN
- SILT FENCE / EROSION MIX BERM
- FILTEREX 8" - 12" SILT SOXX AS SPECIFIED
- ORANGE CONSTRUCTION PERIMETER FENCE
- LIMIT OF ALLOWED DISTURBANCE
- NRCS SOIL DELINEATION
- SOIL TYPE
- RIP-RAP STONE
- RAIN GARDEN
- BERM
- 4,000 Sq. Ft. EFFLUENT LEACHING AREA

- SSL ( ) ~ [SIZE] SINGLE SOLID LINE (COLOR W=WHITE, Y=YELLOW)
- DSL ( ) ~ [SIZE] DOUBLE SOLID LINE (COLOR W=WHITE, Y=YELLOW)
- SSB ( ) ~ [SIZE] SINGLE SOLID W/ BROKEN LINE (COLOR W=WHITE, Y=YELLOW)
- SBL ( ) ~ [SIZE] SINGLE BROKEN LINE (COLOR W=WHITE, Y=YELLOW)
- DBL ( ) ~ [SIZE] DOUBLE BROKEN LINE (COLOR W=WHITE, Y=YELLOW)

**ABUTTERS WITHIN 200':**

- N/F STEPHEN T. CURWOOD REVOCABLE TRUST DATED NOVEMBER 3 2006  
CURWOOD, STEPHEN T. TRUSTEE  
102 MITCHELL ROAD  
NOTTINGHAM, NH 03290  
TAX MAP 6, LOT 12  
R.C.R.D. BOOK 4909, PAGE 1447
- N/F WILHELM WOODS REALTY, LLC  
165 INDUSTRIAL PARK DRIVE, UNIT 1  
DOVER, NH 03820  
NOTTINGHAM TAX MAP 7, LOT 1A  
R.C.R.D. BOOK 5213, PAGE 722  
BARRINGTON TAX MAP 269, LOT 3  
S.C.R.D. BOOK 3923, PAGE 487
- N/F BUOK, DENNIS G. & JENNIFER H.  
2 SUTTON STREET  
NOTTINGHAM, NH 03290  
TAX MAP 7, LOT 2A  
R.C.R.D. BOOK 3343, PAGE 1803
- N/F MARVELL, TOD & PIROG, NICOLE  
4 SUTTON STREET  
NOTTINGHAM, NH 03290  
TAX MAP 7, LOT 2A-2  
R.C.R.D. BOOK 5945, PAGE 1645
- N/F KENNESON, DYLAN A.  
6 SUTTON STREET  
NOTTINGHAM, NH 03290  
TAX MAP 7, LOT 2A-3  
R.C.R.D. BOOK 5676, PAGE 1245
- N/F BOULGERICE, MICHAEL A. & JESSICA J.  
1 SUTTON STREET  
NOTTINGHAM, NH 03290  
TAX MAP 7, LOT 2A-10  
R.C.R.D. BOOK 5534, PAGE 169

**ABUTTERS WITHIN 200' CONT.:**

- N/F FERNALD, DAVID B.  
57 RAYMOND ROAD  
NOTTINGHAM, NH 03290  
TAX MAP 7, LOT 9  
R.C.R.D. BOOK 5915, PAGE 639
- N/F AMABLE, CYNTHIA A.  
117 MITCHELL ROAD  
NOTTINGHAM, NH 03290  
TAX MAP 7, LOT 10  
R.C.R.D. BOOK 3647, PAGE 1
- N/F ROIX, DONALD R. & PATRICIA C.  
115 MITCHELL ROAD  
NOTTINGHAM, NH 03290  
TAX MAP 7, LOT 10-A  
R.C.R.D. BOOK 3343, PAGE 2228
- N/F JARVIS, TIMOTHY E. & SIRIPHONE P.  
113 MITCHELL ROAD  
NOTTINGHAM, NH 03290  
TAX MAP 7, LOT 10-B  
R.C.R.D. BOOK 4330, PAGE 0842
- N/F FRITZ, PAMELA J.  
111 MITCHELL ROAD  
NOTTINGHAM, NH 03290  
TAX MAP 7, LOT 10-C  
R.C.R.D. BOOK 6071, PAGE 4
- N/F BASSETT, JAMES & HOLDER, SUZANNA D.  
109 MITCHELL ROAD  
NOTTINGHAM, NH 03290  
TAX MAP 7, LOT 10-D  
R.C.R.D. BOOK 5980, PAGE 536

**ABUTTERS WITHIN 200' CONT.:**

- N/F JAMES, BENJAMIN  
317 OLD CONCORD TURNPIKE, UNIT 1  
BARRINGTON, NH 03825  
TAX MAP 269, LOT 1-2-A  
S.C.R.D. BOOK 4459, PAGE 409
- N/F MILLER, CHRISTINA RYAN  
317 OLD CONCORD TURNPIKE, UNIT 2  
BARRINGTON, NH 03825  
TAX MAP 269, LOT 1-2-B  
S.C.R.D. BOOK 4408, PAGE 492
- N/F LOPER, DANIEL J. & DENEKA, NICOLE M.  
319 OLD CONCORD TURNPIKE  
BARRINGTON, NH 03825  
TAX MAP 269, LOT 1-3  
S.C.R.D. BOOK 4518, PAGE 922
- N/F HALEY, JAMES & CARINA  
366 OLD CONCORD TURNPIKE  
BARRINGTON, NH 03825  
TAX MAP 269, LOT 8  
NO S.C.R.D. BOOK & PAGE INFO AVAILABLE

**ABUTTERS WITHIN 200' CONT.:**

- N/F COOPER, HEATHER  
336 OLD CONCORD TURNPIKE  
BARRINGTON, NH 03825  
TAX MAP 269, LOT 11-1  
S.C.R.D. BOOK 3303, PAGE 683
- N/F AYER, DANIEL E.  
PO BOX 1679  
DOVER, NH 03821-1679  
TAX MAP 269, LOT 11-2  
S.C.R.D. BOOK 3180, PAGE 481

| SIGN ID NUMBER | SIGN SIZE (WIDTH x HEIGHT) | SIGN | TEXT DIMENSIONS   | NO. OF SIGNS | BACKGROUND           | LEGEND | BORDER | POST SIZE & QUANTITY |
|----------------|----------------------------|------|---|--------------|----------------------|--------|--------|----------------------|
| R1-1           | 30"x30"                    |      | SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT - FHWA | 3            | RED                  | WHITE  | WHITE  | SQUARE (3)           |
| R2-1           | 24"x30"                    |      | SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT - FHWA | 3            | WHITE                | GREEN  | GREEN  | SQUARE (3)           |
| R6-1R          | 36"x12"                    |      | SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT - FHWA | 1            | BLACK W/ WHITE ARROW | BLACK  | WHITE  | SQUARE (1)           |
| R8-31          | 12"x18"                    |      | SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT - FHWA | 1            | WHITE                | RED    | RED    | SQUARE (1)           |

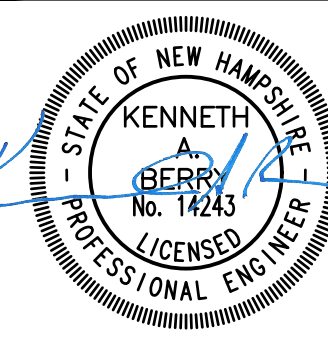
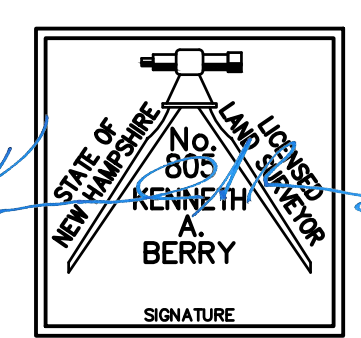
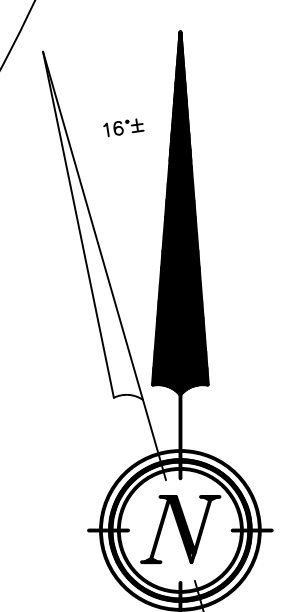


GIS SKETCH  
NOTTINGHAM, NH  
SCALE: 1" = 1000' ±

| #1 | REVISION | DATE    | DESCRIPTION                          |
|----|----------|---------|--------------------------------------|
|    |          | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

NEIGHBORHOOD PLAN  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

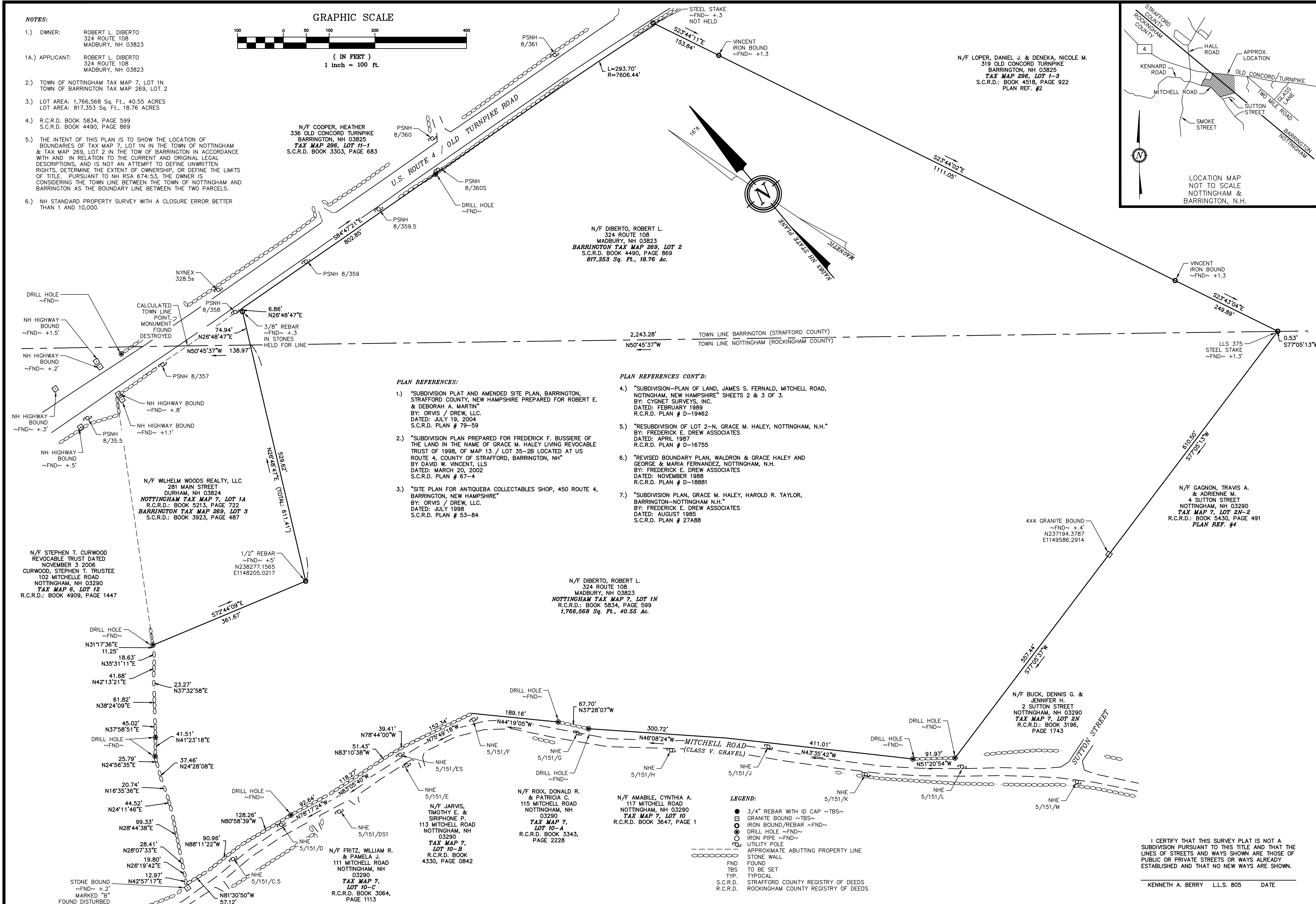
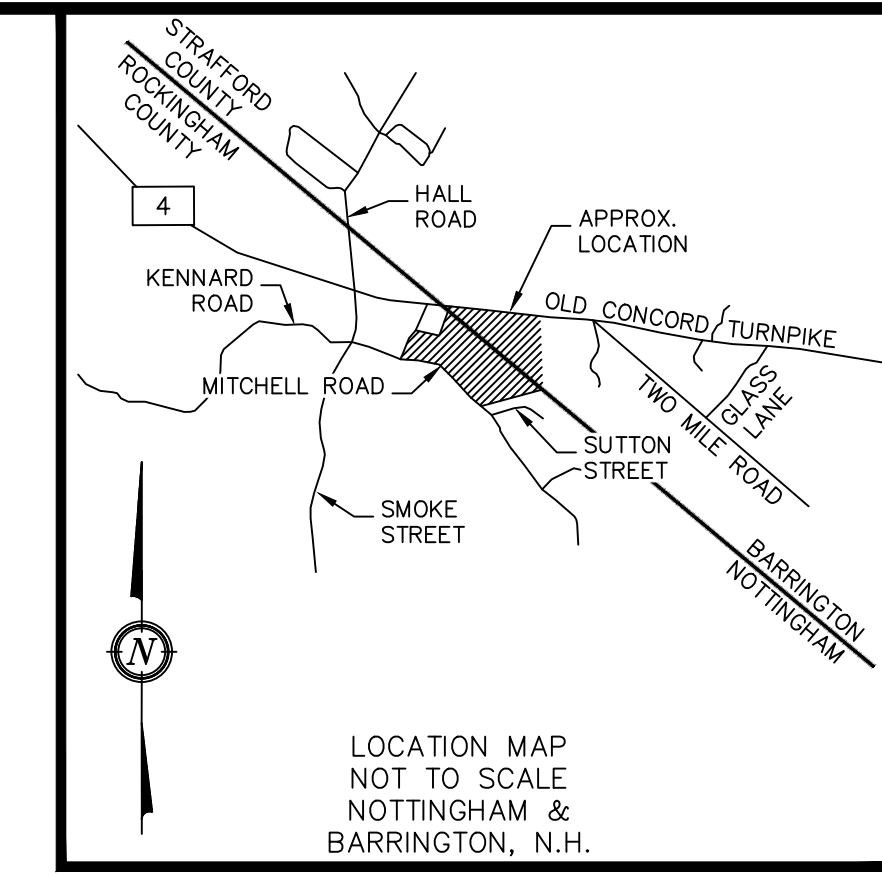
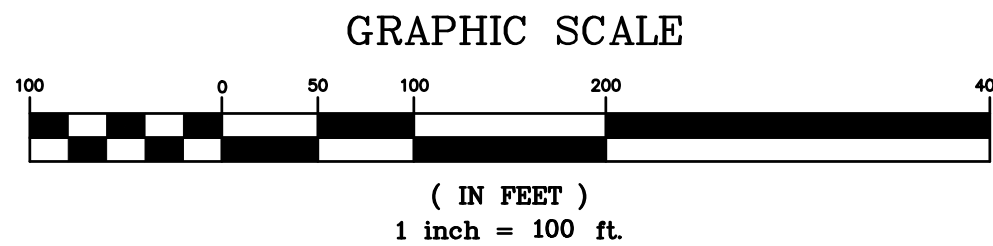
BERRY SURVEYING & ENGINEERING  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE : AS SHOWN  
DATE : MARCH 16, 2020  
FILE NO. : DB 2018 - 125





**NOTES:**

- OWNER: ROBERT L. DIBERTO  
324 ROUTE 108  
MADbury, NH 03823
- APPLICANT: ROBERT L. DIBERTO  
324 ROUTE 108  
MADbury, NH 03823
- TOWN OF NOTTINGHAM TAX MAP 7, LOT 1N  
TOWN OF BARRINGTON TAX MAP 269, LOT 2
- LOT AREA: 1,766,568 Sq. Ft., 40.55 ACRES  
LOT AREA: 817,353 Sq. Ft., 18.76 ACRES
- R.C.R.D. BOOK 5834, PAGE 599  
S.C.R.D. BOOK 4490, PAGE 869
- THE INTENT OF THIS PLAN IS TO SHOW THE LOCATION OF BOUNDARIES OF TAX MAP 7, LOT 1N IN THE TOWN OF NOTTINGHAM & TAX MAP 269, LOT 2 IN THE TOWN OF BARRINGTON IN ACCORDANCE WITH AND IN RELATION TO THE CURRENT AND ORIGINAL LEGAL DESCRIPTIONS, AND IS NOT AN ATTEMPT TO DEFINE UNWRITTEN RIGHTS, DETERMINE THE EXTENT OF OWNERSHIP, OR DEFINE THE LIMITS OF TITLE. PURSUANT TO NH RSA 674:53, THE OWNER IS CONSIDERING THE TOWN LINE BETWEEN THE TOWN OF NOTTINGHAM AND BARRINGTON AS THE BOUNDARY LINE BETWEEN THE TWO PARCELS.
- NH STANDARD PROPERTY SURVEY WITH A CLOSURE ERROR BETTER THAN 1 AND 10,000.



N/F DIBERTO, ROBERT L.  
324 ROUTE 108  
MADbury, NH 03823  
BARRINGTON TAX MAP 269, LOT 2  
S.C.R.D. BOOK 4490, PAGE 869  
817,353 Sq. Ft., 18.76 Ac.

N/F LOPER, DANIEL J. & DENEKA, NICOLE M.  
315 OLD CONCORD TURNPIKE  
BARRINGTON, NH 03825  
TAX MAP 296, LOT 1-3  
S.C.R.D.: BOOK 4518, PAGE 922  
PLAN REF. #2

N/F WILHELM WOODS REALTY, LLC  
281 MAIN STREET  
DURHAM, NH 03824  
NOTTINGHAM TAX MAP 7, LOT 1A  
R.C.R.D.: BOOK 5213, PAGE 722  
BARRINGTON TAX MAP 269, LOT 3  
S.C.R.D.: BOOK 3923, PAGE 487

N/F STEPHEN T. CURWOOD  
REVOCABLE TRUST DATED  
NOVEMBER 3 2006  
CURWOOD, STEPHEN T. TRUSTEE  
102 MITCHELL ROAD  
NOTTINGHAM, NH 03290  
TAX MAP 6, LOT 12  
R.C.R.D.: BOOK 4909, PAGE 1447

N/F DIBERTO, ROBERT L.  
324 ROUTE 108  
MADbury, NH 03823  
NOTTINGHAM TAX MAP 7, LOT 1N  
R.C.R.D.: BOOK 5834, PAGE 599  
1,766,568 Sq. Ft., 40.55 Ac.

N/F GAGNON, TRAVIS A.  
& ADRIENNE M.  
4 SUTTON STREET  
NOTTINGHAM, NH 03290  
TAX MAP 7, LOT 2N-2  
R.C.R.D.: BOOK 5430, PAGE 491  
PLAN REF. #4

4X4 GRANITE BOUND  
~FND~ +4'  
N237194.3787  
E1149586.2914

N/F BUCK, DENNIS G. &  
JENNIFER H.  
2 SUTTON STREET  
NOTTINGHAM, NH 03290  
TAX MAP 7, LOT 2N  
R.C.R.D.: BOOK 3196,  
PAGE 1743

N/F ROIX, DONALD R.  
& PATRICIA C.  
115 MITCHELL ROAD  
NOTTINGHAM, NH  
03290  
TAX MAP 7,  
LOT 10-A  
R.C.R.D. BOOK 3343,  
PAGE 2228

N/F AMABILE, CYNTHIA A.  
117 MITCHELL ROAD  
NOTTINGHAM, NH 03290  
TAX MAP 7, LOT 10  
R.C.R.D. BOOK 3647, PAGE 1

N/F JARVIS, TIMOTHY E. &  
SIRIPHONE P.  
113 MITCHELL ROAD  
NOTTINGHAM, NH  
03290  
TAX MAP 7,  
LOT 10-B  
R.C.R.D. BOOK  
4330, PAGE 0842

N/F FRITZ, WILLIAM R.  
& PAMELA J.  
111 MITCHELL ROAD  
NOTTINGHAM, NH  
03290  
TAX MAP 7,  
LOT 10-C  
R.C.R.D. BOOK 3064,  
PAGE 1113

**PLAN REFERENCES:**

- "SUBDIVISION PLAT AND AMENDED SITE PLAN, BARRINGTON, STRAFFORD COUNTY, NEW HAMPSHIRE PREPARED FOR ROBERT E. & DEBORAH A. MARTIN" BY: ORVIS / DREW, LLC. DATED: JULY 19, 2004 S.C.R.D. PLAN # 79-59
- "SUBDIVISION PLAN PREPARED FOR FREDERICK F. BUSSIÈRE OF THE LAND IN THE NAME OF GRACE M. HALEY LIVING REVOCABLE TRUST OF 1998, OF MAP 13 / LOT 35-28 LOCATED AT US ROUTE 4, COUNTY OF STRAFFORD, BARRINGTON, NH" BY: DAVID W. VINCENT, LLS DATED: MARCH 20, 2002 S.C.R.D. PLAN # 67-4
- "SITE PLAN FOR ANTIQUEBA COLLECTABLES SHOP, 450 ROUTE 4, BARRINGTON, NEW HAMPSHIRE" BY: ORVIS / DREW, LLC. DATED: JULY 1998 S.C.R.D. PLAN # 53-84

**PLAN REFERENCES CONT'D:**

- "SUBDIVISION-PLAN OF LAND, JAMES S. FERNALD, MITCHELL ROAD, NOTTINGHAM, NEW HAMPSHIRE" SHEETS 2 & 3 OF 3. BY: CYNET SURVEYS, INC. DATED: FEBRUARY 1989 R.C.R.D. PLAN # D-19462
- "RESUBDIVISION OF LOT 2-N, GRACE M. HALEY, NOTTINGHAM, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: APRIL 1987 R.C.R.D. PLAN # D-16755
- "REVISED BOUNDARY PLAN, WALDRON & GRACE HALEY AND GEORGE & MARIA FERNANDEZ, NOTTINGHAM, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: NOVEMBER 1988 R.C.R.D. PLAN # D-18881
- "SUBDIVISION PLAN, GRACE M. HALEY, HAROLD R. TAYLOR, BARRINGTON-NOTTINGHAM N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: AUGUST 1985 S.C.R.D. PLAN # 27A88

**LEGEND:**

- 3/4" REBAR WITH ID CAP ~TBS~
- GRANITE BOUND ~TBS~
- IRON BOUND/REBAR ~FND~
- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- UTILITY POLE
- APPROXIMATE ABUTTING PROPERTY LINE
- STONE WALL
- FND FOUND
- TBS TO BE SET
- TYP. TYPICAL
- S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS
- R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS

I CERTIFY THAT THIS SURVEY PLAT IS NOT A SUBDIVISION PURSUANT TO THIS TITLE AND THAT THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED AND THAT NO NEW WAYS ARE SHOWN.

KENNETH A. BERRY L.L.S. 805 DATE

| REVISION # | DATE    | DESCRIPTION                          |
|------------|---------|--------------------------------------|
| 1          | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

BOUNDARY PLAN  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

**BERRY SURVEYING & ENGINEERING**  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 100 FT.  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125

KENNETH A. BERRY L.L.S. 805 DATE



**NRCS SOILS LEGEND:**

- 42B - CANTON FINE SANDY LOAM, 3 TO 8% SLOPES HSC: B
- 43C - CANTON FINE SANDY LOAM, ROCKY, 8 TO 15% SLOPES HSC: B
- 140C - CHATFIELD-HOLLIS-CANTON COMPLEX, 8 TO 15% SLOPES HSC: B
- 447B - SOUTHEAST-NEWFIELDS COMPLEX, VERY STONY 3 TO 8% SLOPES HSC: C
- 657A - RIDGEBURY FINE SANDY LOAM, VERY STONY 0 TO 3% SLOPES HSC: D
- 125 - SCARBORO MUCK, VERY STONY, 0 TO 3% SLOPES HSC: A/D
- CsB - CHARLTON FINE SANDY LOAM, 3 TO 8% SLOPES HSC: B
- HsC - HOLLIS-CHARLTON FINE SANDY LOAM, 8 TO 15% SLOPES HSC: D
- LaB - LEICESTER FINE SANDY LOAM, 0 TO 8% SLOPES HSC: A/D
- LcB - LEICESTER FINE SANDY LOAM, 0 TO 8% SLOPES HSC: A/D
- Mp - FREETOWN-SWANSEA MUCKY PEAT, 0 TO 2% SLOPES HSC: B/D
- PaB - PAXTON FINE SANDY LOAM, 3 TO 8% SLOPES HSC: C
- Wa - WHITMAN VERY STONY FINE SANDY LOAM, 8 TO 15% SLOPES HSC: D

**PLAN REFERENCES:**

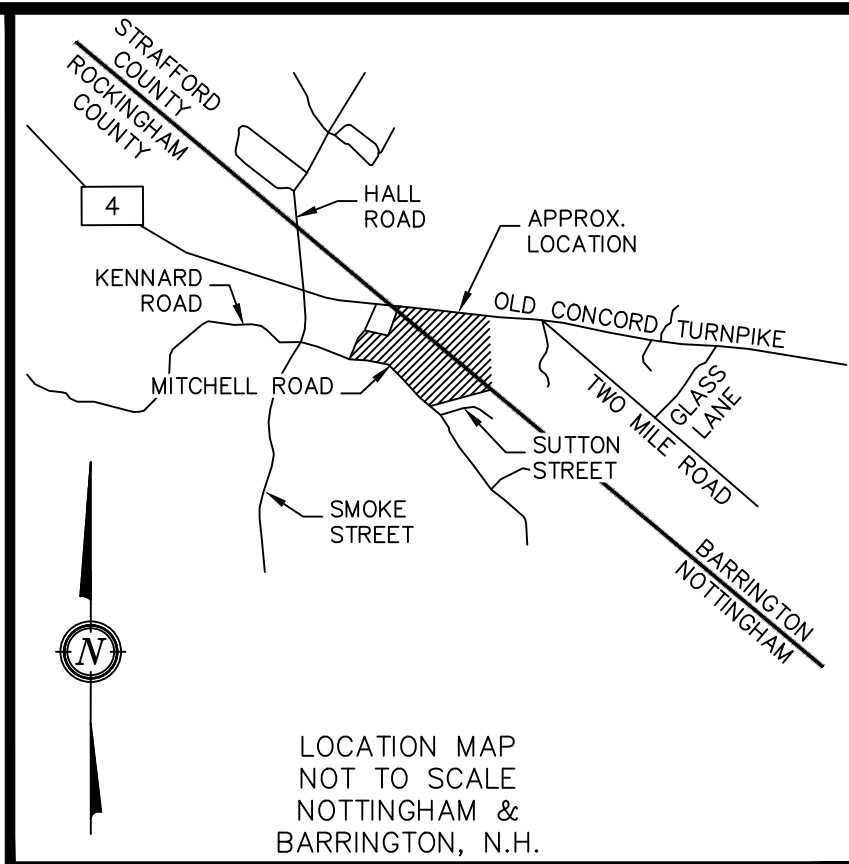
- 1) "SUBDIVISION PLAT AND AMENDED SITE PLAN, BARRINGTON, STRAFFORD COUNTY, NEW HAMPSHIRE PREPARED FOR ROBERT E. & DEBORAH A. MARTIN" BY: ORVIS / DREW, LLC. DATED: JULY 19, 2004 S.C.R.D. PLAN # 79-59
- 2) "SUBDIVISION PLAN PREPARED FOR FREDERICK F. BUSSIÈRE OF THE LAND IN THE NAME OF GRACE M. HALEY LIVING REVOCABLE TRUST OF 1998, OF MAP 13 / LOT 35-2B LOCATED AT US ROUTE 4, COUNTY OF STRAFFORD, BARRINGTON, NH" BY: DAVID W. VINCENT, LLS DATED: MARCH 20, 2002 DATED: JULY 1998 S.C.R.D. PLAN # 67-4
- 3) "SITE PLAN FOR ANTIQUEBA COLLECTABLES SHOP, 450 ROUTE 4, BARRINGTON, NEW HAMPSHIRE" BY: ORVIS / DREW, LLC. DATED: JULY 1998 S.C.R.D. PLAN # 67-4

**PLAN REFERENCES CONT'D:**

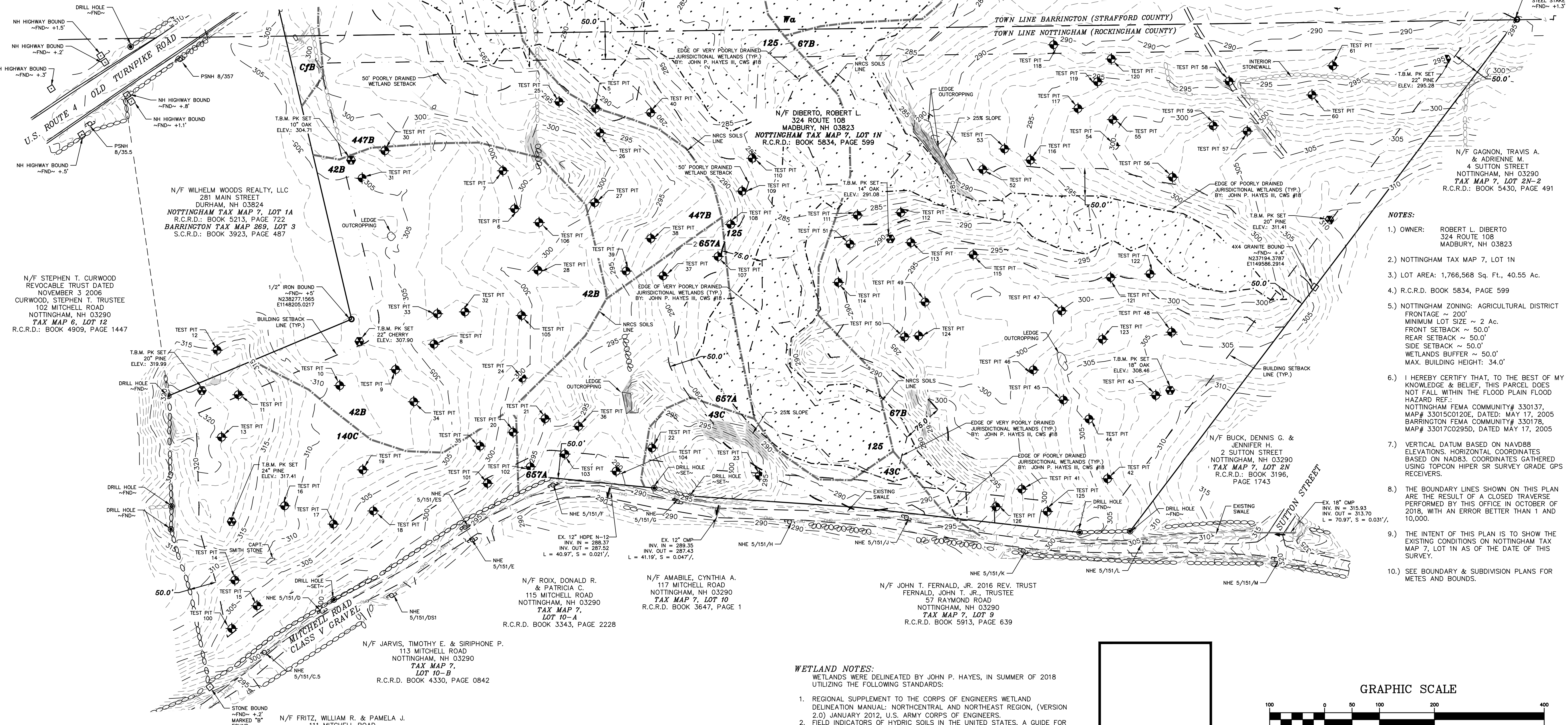
- 4) "SUBDIVISION-PLAN OF LAND, JAMES S. FERNALD, MITCHELL ROAD, NOTTINGHAM, NEW HAMPSHIRE" SHEETS 2 & 3 OF 3. BY: CYGNET SURVEYS, INC. DATED: FEBRUARY 1989 R.C.R.D. PLAN # D-19462
- 5) "RESUBDIVISION OF LOT 2-N, GRACE M. HALEY, NOTTINGHAM, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: APRIL 1987 R.C.R.D. PLAN # D-16755
- 6) "REVISED BOUNDARY PLAN, WALDRON & GRACE HALEY AND GEORGE & MARIA FERNANDEZ, NOTTINGHAM, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: NOVEMBER 1988 R.C.R.D. PLAN # D-18881
- 7) "SUBDIVISION PLAN, GRACE M. HALEY, HAROLD R. TAYLOR, BARRINGTON-NOTTINGHAM, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: AUGUST 1985 S.C.R.D. PLAN # 27A88

**LEGEND:**

- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND/REBAR ~FND~
- NH HIGHWAY BOUND/GRANITE BOUND ~FND~
- UTILITY POLE
- ⊕ TEMPORARY BENCH MARK (T.B.M.)
- ⊕ TEST PIT
- NRCS SOIL DELINEATION LINE
- STONE WALL
- STONE WALL REMAIN
- POORLY DRAINED WETLAND LINE
- VERY POORLY DRAINED WETLAND LINE
- WETLAND SETBACK 50' TO POORLY DRAINED
- WETLAND SETBACK 75' TO VERY POORLY DRAINED
- BUILDING SETBACK LINE
- TOWN LINE
- AREA OF 25% OR GREATER SLOPE
- R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS
- S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS
- TYP. TYPICAL
- FND FOUND
- GsB NRCS SOILS TYPE



N/F DIBERTO, ROBERT L.  
324 ROUTE 108  
MADBURY, NH 03823  
BARRINGTON TAX MAP 269, LOT 2  
S.C.R.D. BOOK 4490, PAGE 869

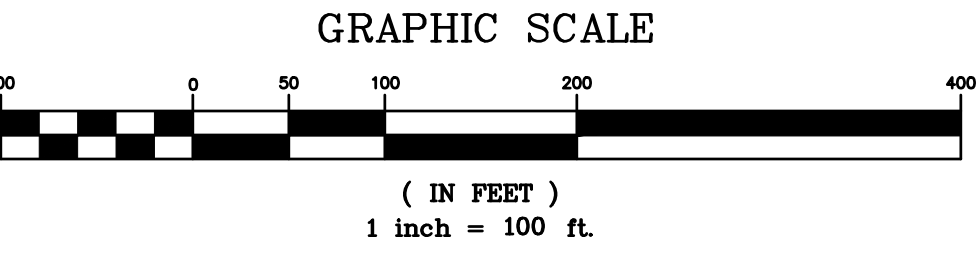


**NOTES:**

- 1) OWNER: ROBERT L. DIBERTO, 324 ROUTE 108, MADBURY, NH 03823
- 2) NOTTINGHAM TAX MAP 7, LOT 1N
- 3) LOT AREA: 1,766,568 Sq. Ft., 40.55 Ac.
- 4) R.C.R.D. BOOK 5834, PAGE 599
- 5) NOTTINGHAM ZONING: AGRICULTURAL DISTRICT FRONTAGE ~ 200' MINIMUM LOT SIZE ~ 2 Ac. FRONT SETBACK ~ 50.0' REAR SETBACK ~ 50.0' SIDE SETBACK ~ 50.0' WETLANDS BUFFER ~ 50.0' MAX. BUILDING HEIGHT: 34.0'
- 6) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF.: NOTTINGHAM FEMA COMMUNITY# 330137, MAP# 3301500120E, DATED: MAY 17, 2005 BARRINGTON FEMA COMMUNITY# 330178, MAP# 33017C0295D, DATED MAY 17, 2005
- 7) VERTICAL DATUM BASED ON NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.
- 8) THE BOUNDARY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A CLOSED TRAVERSE PERFORMED BY THIS OFFICE IN OCTOBER OF 2018, WITH AN ERROR BETTER THAN 1 AND 10,000.
- 9) THE INTENT OF THIS PLAN IS TO SHOW THE EXISTING CONDITIONS ON NOTTINGHAM TAX MAP 7, LOT 1N AS OF THE DATE OF THIS SURVEY.
- 10) SEE BOUNDARY & SUBDIVISION PLANS FOR METES AND BOUNDS.

**WETLAND NOTES:**

- WETLANDS WERE DELINEATED BY JOHN P. HAYES, IN SUMMER OF 2018 UTILIZING THE FOLLOWING STANDARDS:
1. REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, (VERSION 2.0) JANUARY 2012, U.S. ARMY CORPS OF ENGINEERS.
  2. FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 8.0. UNITED STATES DEPARTMENT OF AGRICULTURE (2016).
  3. NATIONAL WETLAND PLANT LIST (CURRENT VERSION).



JOHN P. HAYES III, CWS #18

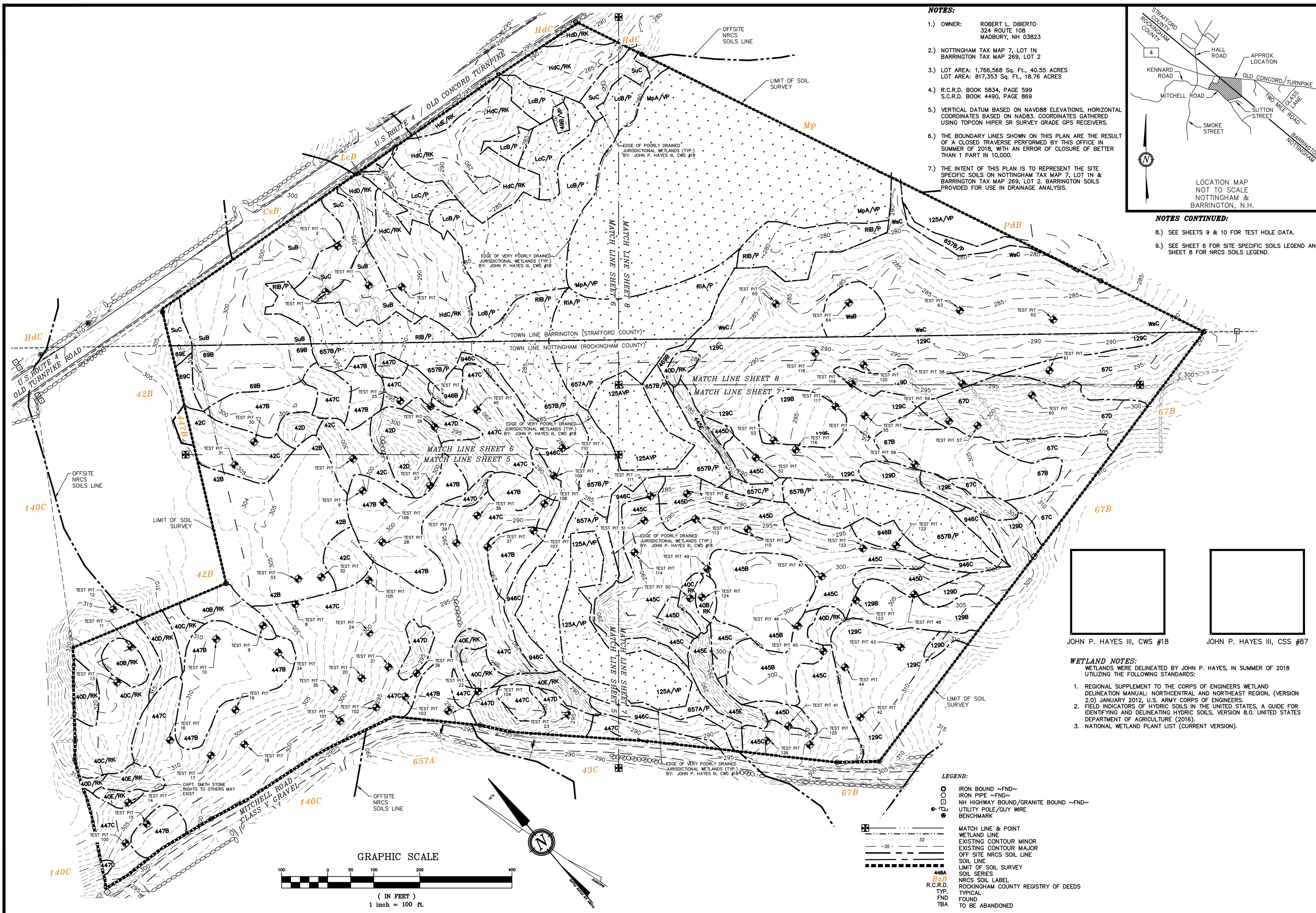
| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

EXISTING CONDITIONS PLAN  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

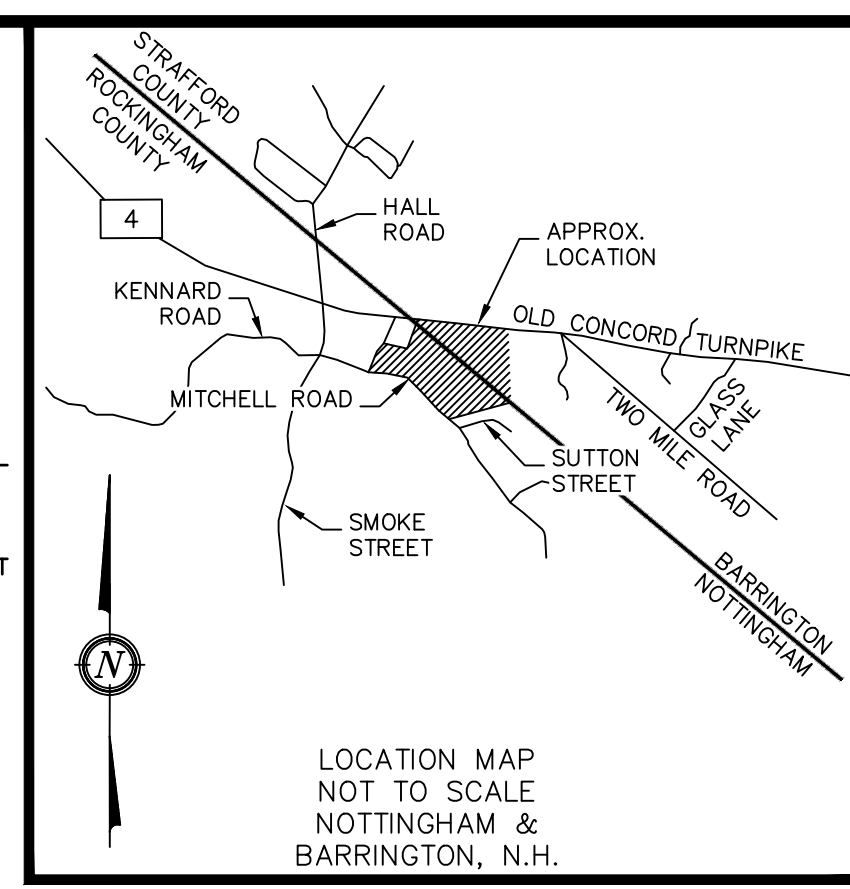
**BERRY SURVEYING & ENGINEERING**  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 100 FT.  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125

STATE OF NEW HAMPSHIRE  
KENNETH A. BERRY  
SIGNATURE





- NOTES:**
1. OWNER: ROBERT L. DIBERTO  
324 ROUTE 108  
MADBURY, NH 03823
  2. NOTTINGHAM TAX MAP 7, LOT 1N  
BARRINGTON TAX MAP 269, LOT 2
  3. LOT AREA: 1,766,568 Sq. Ft., 40.55 ACRES  
LOT AREA: 817,353 Sq. Ft., 18.76 ACRES
  4. R.C.R.D. BOOK 5834, PAGE 599  
S.C.R.D. BOOK 4490, PAGE 869
  5. VERTICAL DATUM BASED ON NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.
  6. THE BOUNDARY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A CLOSED TRAVERSE PERFORMED BY THIS OFFICE IN SUMMER OF 2018, WITH AN ERROR OF CLOSURE OF BETTER THAN 1 PART IN 10,000.
  7. THE INTENT OF THIS PLAN IS TO REPRESENT THE SITE SPECIFIC SOILS ON NOTTINGHAM TAX MAP 7, LOT 1N & BARRINGTON TAX MAP 269, LOT 2, BARRINGTON SOILS PROVIDED FOR USE IN DRAINAGE ANALYSIS.



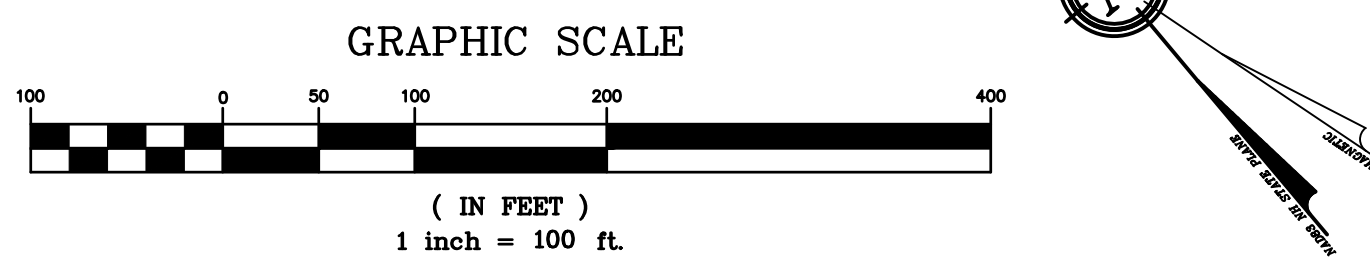
- NOTES CONTINUED:**
- 8.) SEE SHEETS 9 & 10 FOR TEST SOIL DATA.
  - 9.) SEE SHEET 6 FOR SITE SPECIFIC SOILS LEGEND AND SHEET 8 FOR NRCS SOILS LEGEND.

| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

OVERVIEW SITE SPECIFIC SOILS MAP  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

JOHN P. HAYES III, CWS #18  
JOHN P. HAYES III, CSS #87

- WETLAND NOTES:**  
WETLANDS WERE DELINEATED BY JOHN P. HAYES, IN SUMMER OF 2018 UTILIZING THE FOLLOWING STANDARDS:
1. REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, (VERSION 2.0) JANUARY 2012, U.S. ARMY CORPS OF ENGINEERS.
  2. FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 8.0. UNITED STATES DEPARTMENT OF AGRICULTURE (2016).
  3. NATIONAL WETLAND PLANT LIST (CURRENT VERSION).

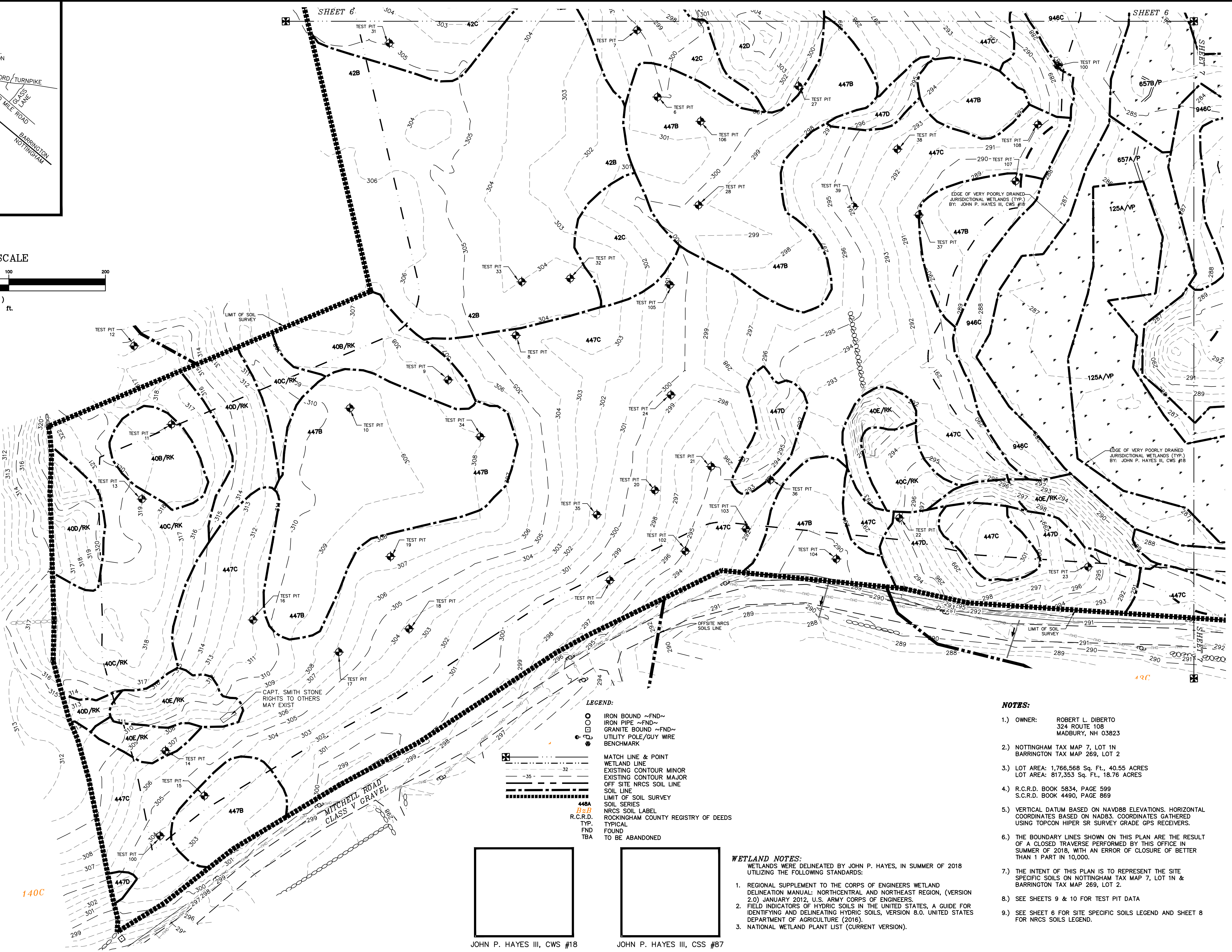
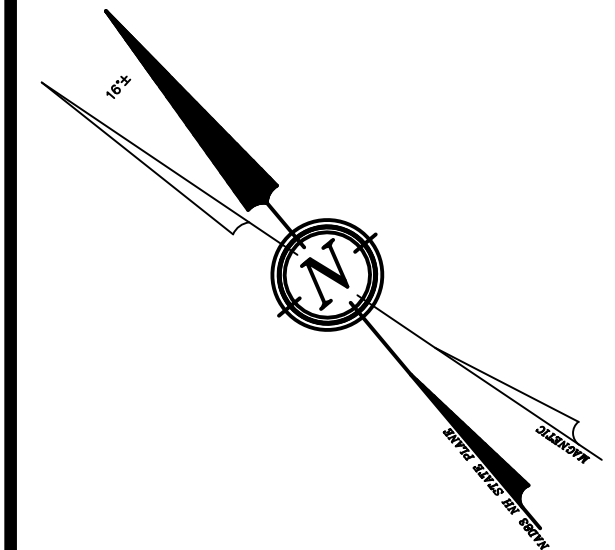
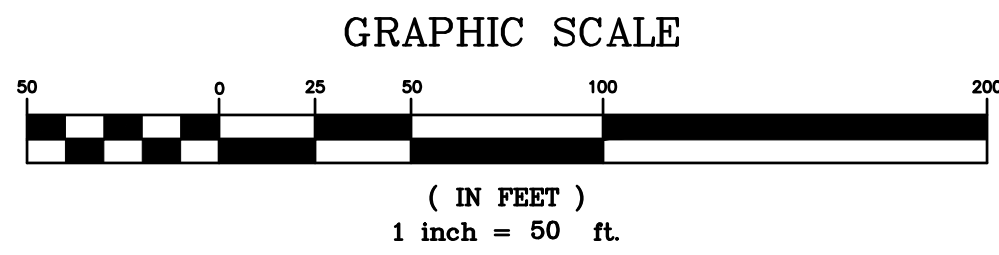
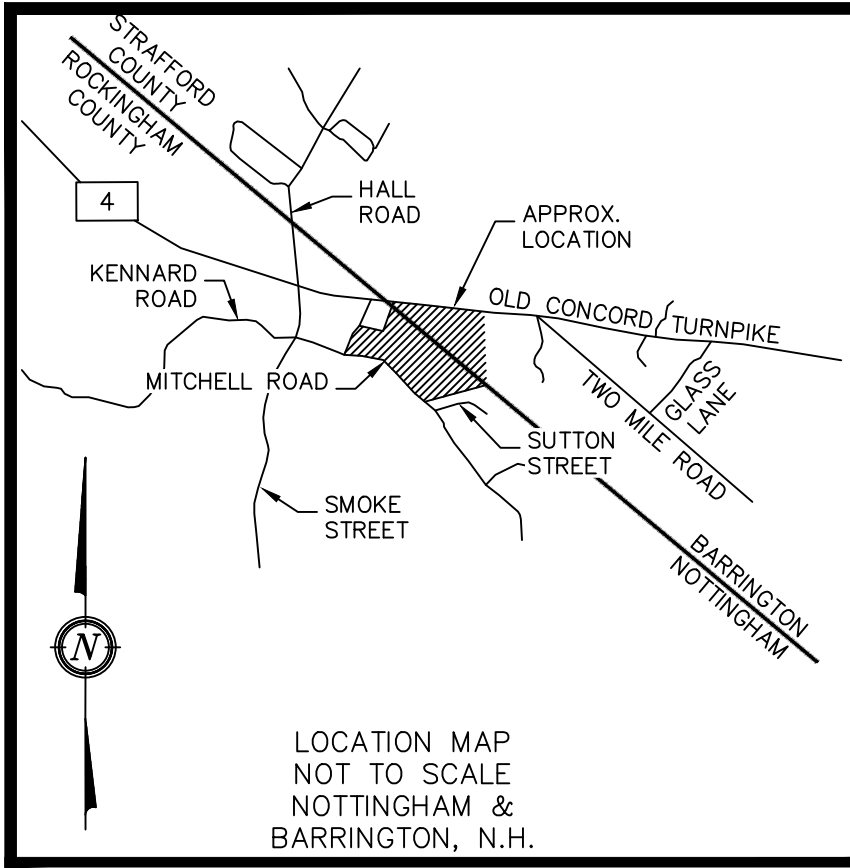


- LEGEND:**
- IRON BOUND ~FND~
  - IRON PIPE ~FND~
  - ▣ NH HIGHWAY BOUND/GRANITE BOUND ~FND~
  - ⊙ UTILITY POLE/GUY WIRE
  - ⊙ BENCHMARK
  - MATCH LINE & POINT
  - WETLAND LINE
  - EXISTING CONTOUR MINOR
  - EXISTING CONTOUR MAJOR
  - OFF SITE NRCS SOIL LINE
  - SOIL LINE
  - LIMIT OF SOIL SURVEY
  - SOIL SERIES
  - NRCS SOIL LABEL
  - R.C.R.D.
  - TYP.
  - FND
  - TBA
  - TO BE ABANDONED

BERRY SURVEYING & ENGINEERING  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 100 FT.  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125

SHEET 4 OF 49





- LEGEND:**
- IRON BOUND ~FND~
  - IRON PIPE ~FND~
  - GRANITE BOUND ~FND~
  - UTILITY POLE/GUY WIRE
  - BENCHMARK
  - MATCH LINE & POINT
  - WETLAND LINE
  - EXISTING CONTOUR MINOR
  - EXISTING CONTOUR MAJOR
  - OFF SITE NRCS SOIL LINE
  - SOIL LINE
  - LIMIT OF SOIL SURVEY
  - 448A SOIL SERIES
  - B&B NRCS SOIL LABEL
  - R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS
  - TYP TYPICAL
  - FND FOUND
  - TBA TO BE ABANDONED

JOHN P. HAYES III, CWS #18

JOHN P. HAYES III, CSS #87

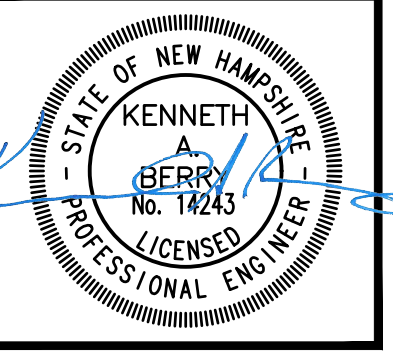
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  - FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 8.0. UNITED STATES DEPARTMENT OF AGRICULTURE (2016).
  - NATIONAL WETLAND PLANT LIST (CURRENT VERSION).

- NOTES:**
- OWNER: ROBERT L. DIBERTO  
324 ROUTE 108  
MADBURY, NH 03823
  - NOTTINGHAM TAX MAP 7, LOT 1N  
BARRINGTON TAX MAP 269, LOT 2
  - LOT AREA: 1,766,568 Sq. Ft., 40.55 ACRES  
LOT AREA: 817,353 Sq. Ft., 18.76 ACRES
  - R.C.R.D. BOOK 5834, PAGE 599  
S.C.R.D. BOOK 4490, PAGE 869
  - VERTICAL DATUM BASED ON NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.
  - THE BOUNDARY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A CLOSED TRAVERSE PERFORMED BY THIS OFFICE IN SUMMER OF 2018, WITH AN ERROR OF CLOSURE OF BETTER THAN 1 PART IN 10,000.
  - THE INTENT OF THIS PLAN IS TO REPRESENT THE SITE SPECIFIC SOILS ON NOTTINGHAM TAX MAP 7, LOT 1N & BARRINGTON TAX MAP 269, LOT 2.
  - SEE SHEETS 9 & 10 FOR TEST PIT DATA
  - SEE SHEET 6 FOR SITE SPECIFIC SOILS LEGEND AND SHEET 8 FOR NRCS SOILS LEGEND.

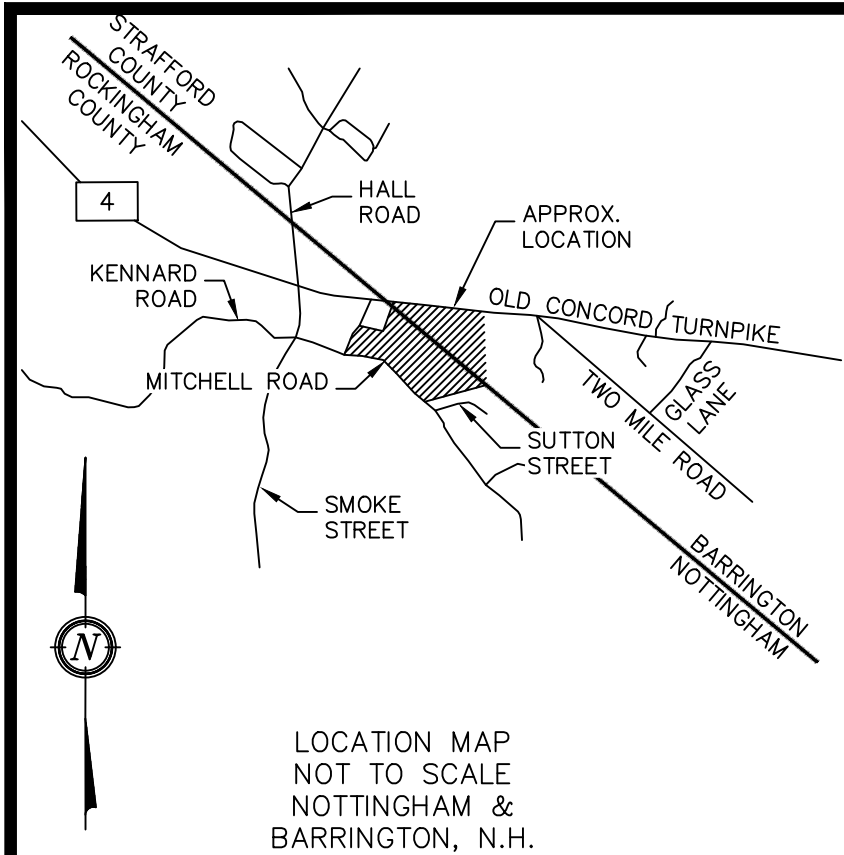
| REVISION # | DATE    | DESCRIPTION                          |
|------------|---------|--------------------------------------|
| 1          | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

SITE SPECIFIC SOILS MAP WEST  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 50 FT.  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125

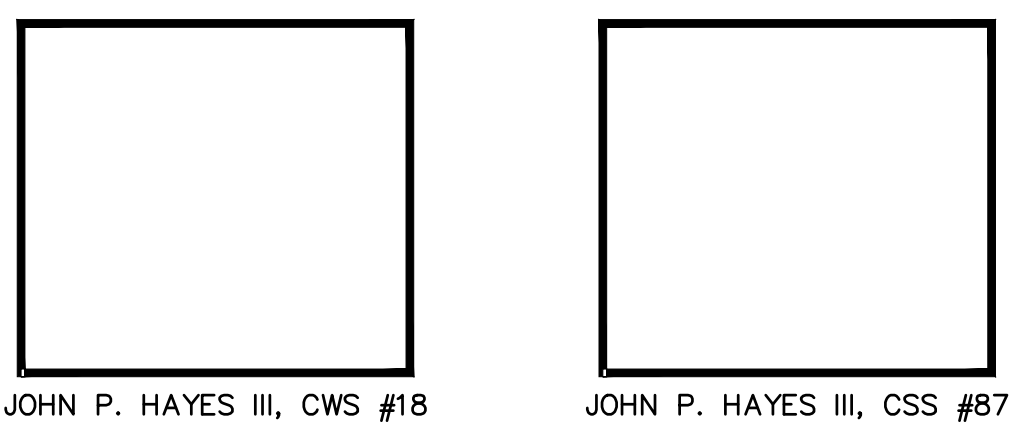






**NOTES:**

- OWNER: ROBERT L. DIBERTO  
324 ROUTE 108  
MADBURY, NH 03823
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LOT AREA: 817,353 Sq. Ft., 18.76 ACRES
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- SEE SHEET 8 FOR NRCS SOILS LEGEND.

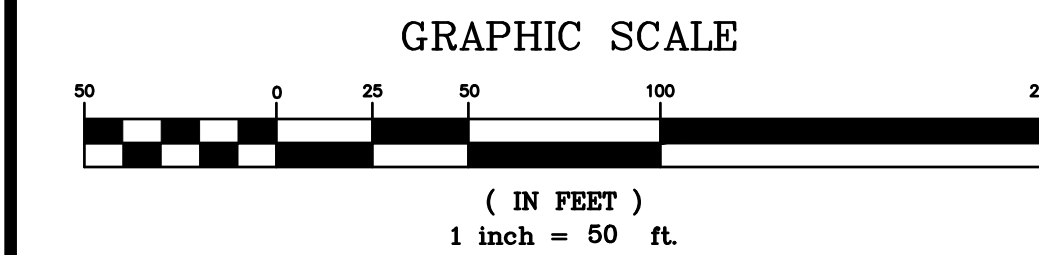


**WETLAND NOTES:**  
WETLANDS WERE DELINEATED BY JOHN P. HAYES, IN SUMMER OF 2018 UTILIZING THE FOLLOWING STANDARDS:

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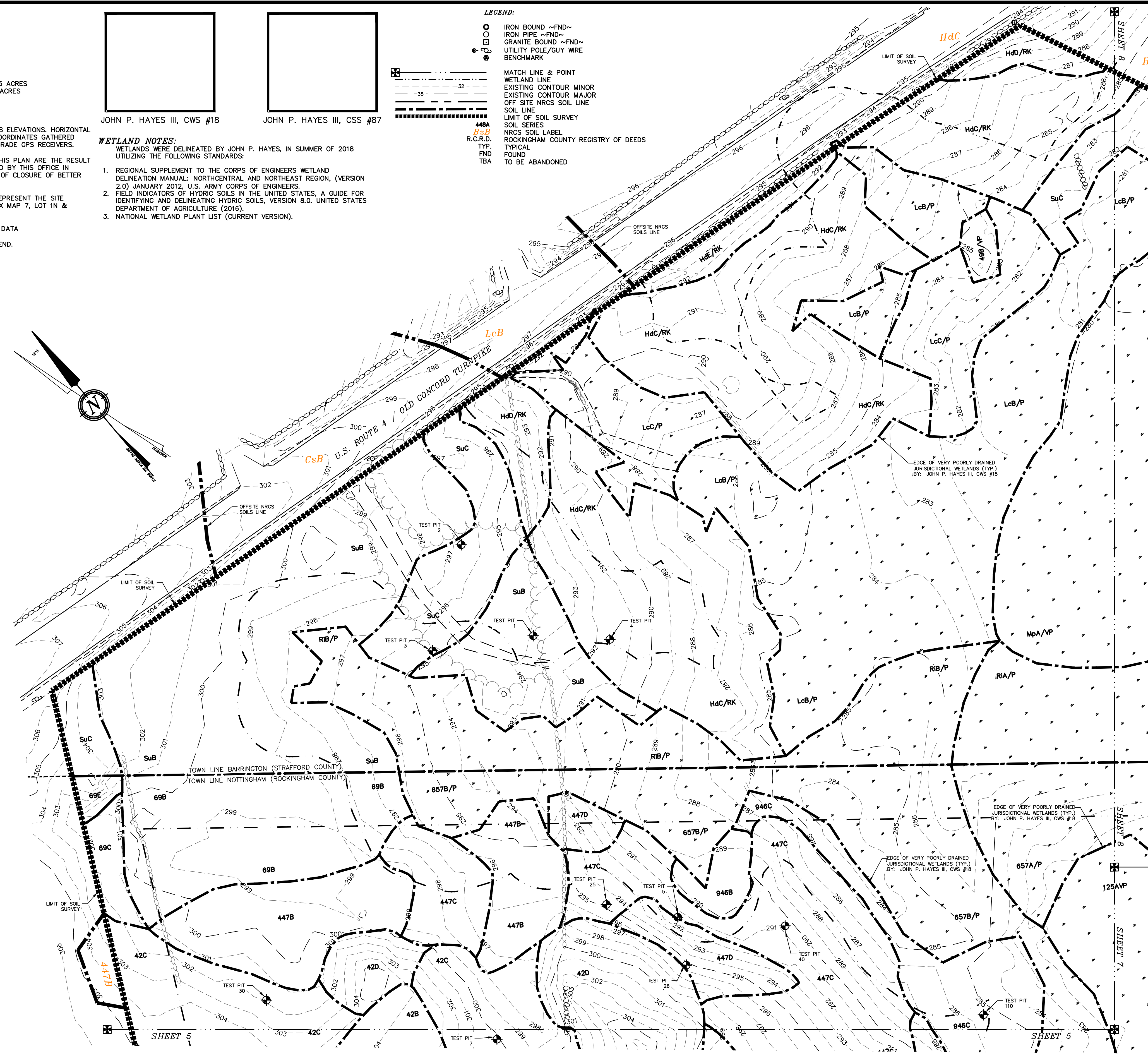
**LEGEND:**

- IRON BOUND ~FND~
- IRON PIPE ~FND~
- GRANITE BOUND ~FND~
- UTILITY POLE/GUY WIRE BENCHMARK
- MATCH LINE & POINT WETLAND LINE
- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- OFF SITE NRCS SOIL LINE
- SOIL LINE
- LIMIT OF SOIL SURVEY
- SOIL SERIES
- NRCS SOIL LABEL
- ROCKINGHAM COUNTY REGISTRY OF DEEDS
- TYP. FND
- FOUND
- TO BE ABANDONED



| SSSM SOILS LEGEND |                            |                       |
|-------------------|----------------------------|-----------------------|
| SYMBOL            | SOIL TAXONOMIC NAME        | HYDROLOGIC SOIL GROUP |
| 42B               | CANTON LOAMY SAND          | B                     |
| 42C               | CANTON LOAMY SAND          | B                     |
| 42D               | CANTON LOAMY SAND          | B                     |
| 69B-SuB           | SUTTON LOAMY SOIL          | B                     |
| 69C-SuC           | SUTTON LOAMY SOIL          | B                     |
| 69D-SuD           | SUTTON LOAMY SOIL          | B                     |
| 69E-SuE           | SUTTON LOAMY SOIL          | B                     |
| HdC               | HOLLIS-CANTON COMPLEX      | D                     |
| HdD               | HOLLIS-CANTON COMPLEX      | D                     |
| HdE               | HOLLIS-CANTON COMPLEX      | D                     |
| 445B              | NEWFIELDS LOAMY SOIL       | B                     |
| 445C              | NEWFIELDS LOAMY SOIL       | B                     |
| 445D              | NEWFIELDS LOAMY SOIL       | B                     |
| 445E              | NEWFIELDS LOAMY SOIL       | B                     |
| 447B              | SCITUATE-NEWFIELDS COMPLEX | B                     |
| 447C              | SCITUATE-NEWFIELDS COMPLEX | B                     |
| 447D              | SCITUATE-NEWFIELDS COMPLEX | B                     |
| 67B               | PAXTON LODGMENT TILL       | C                     |
| 67C               | PAXTON LODGMENT TILL       | C                     |
| 67D               | PAXTON LODGMENT TILL       | C                     |
| 129B-WsB          | WOODBIDGE LOAMY SOIL       | C                     |
| 129C-WsC          | WOODBIDGE LOAMY SOIL       | C                     |
| 129D              | WOODBIDGE LOAMY SOIL       | C                     |
| 129E              | WOODBIDGE LOAMY SOIL       | C                     |
| LcB               | LEICESTER LOAMY TILL       | C                     |
| LcC               | LEICESTER LOAMY TILL       | C                     |
| 657A-RIA          | RIDGEBURY LODGMENT TILL    | C                     |
| 657B-946B-RiB     | RIDGEBURY LODGMENT TILL    | C                     |
| 657C-946C-RiC     | RIDGEBURY LODGMENT TILL    | C                     |
| 40B               | CHATFIELD-HOLLIS COMPLEX   | D                     |
| 40C               | CHATFIELD-HOLLIS COMPLEX   | D                     |
| 40D               | CHATFIELD-HOLLIS COMPLEX   | D                     |
| 40E               | CHATFIELD-HOLLIS COMPLEX   | D                     |
| 49B               | WHITMAN LODGMENT TILL      | D                     |
| 125A              | SCARBORO STONY SOIL        | D                     |
| 125B              | SCARBORO STONY SOIL        | D                     |
| MpA               | GREENWOOD ORGANIC SOIL     | D                     |

SLOPE: A = 0-3% B = 3-8% C = 8-15% D = 15-25% E = 25-50% F = 50%+  
 DENOMINATOR: /VPD = VERY POORLY DRAINED /PD = POORLY DRAINED  
 /SWPD = SOMEWHAT POORLY DRAINED /MWD = MODERATELY WELL DRAINED  
 /Rk = ROCKY



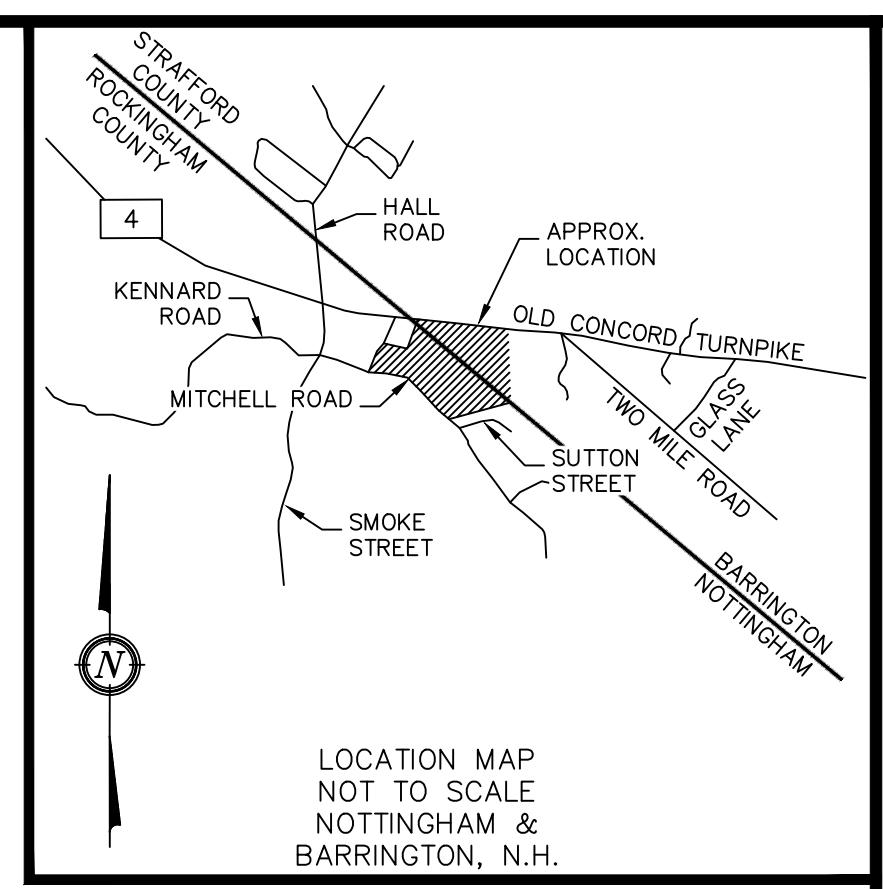
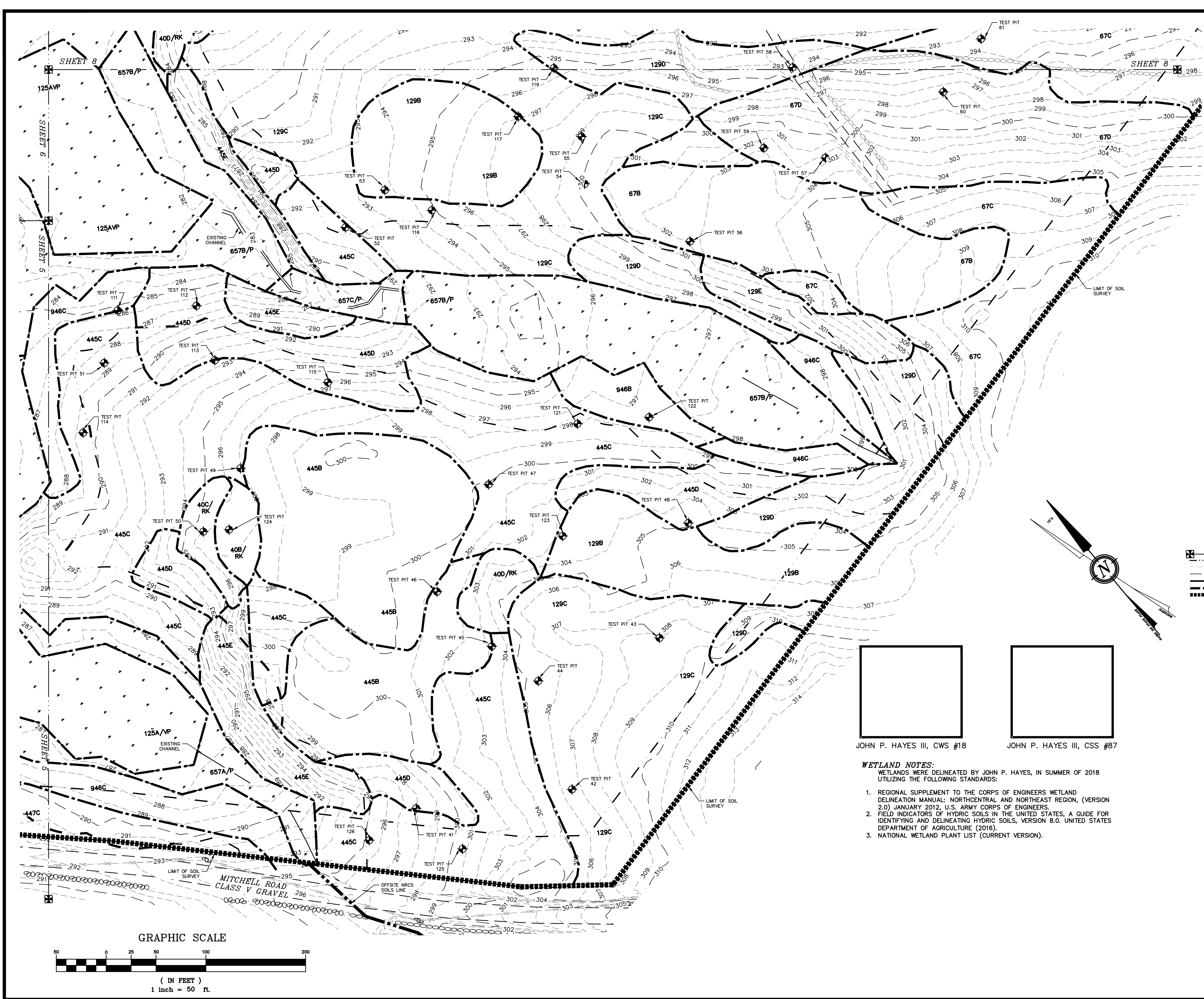
| #1 | REVISION | DATE    | DESCRIPTION                          |
|----|----------|---------|--------------------------------------|
|    |          | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

SITE SPECIFIC SOILS MAP NORTH  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 SCALE: 1 IN. EQUALS 50 FT.  
 DATE: MARCH 16, 2020  
 FILE NO.: DB 2018 - 125

SHEET 6 OF 49





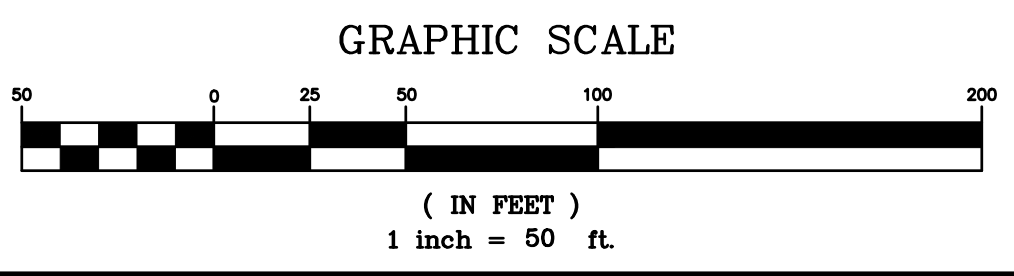
- NOTES:**
- 1) OWNER: ROBERT L. DIBERTO  
324 ROUTE 108  
MADBURY, NH 03823
  - 2) NOTTINGHAM TAX MAP 7, LOT 1N  
BARRINGTON TAX MAP 269, LOT 2
  - 3) LOT AREA: 1,766,568 Sq. Ft., 40.55 ACRES  
LOT AREA: 817,353 Sq. Ft., 18.76 ACRES
  - 4) R.C.R.D. BOOK 5834, PAGE 599  
S.C.R.D. BOOK 4490, PAGE 869
  - 5) VERTICAL DATUM BASED ON NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.
  - 6) THE BOUNDARY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A CLOSED TRAVERSE PERFORMED BY THIS OFFICE IN SUMMER OF 2018, WITH AN ERROR OF CLOSURE OF BETTER THAN 1 PART IN 10,000.
  - 7) THE INTENT OF THIS PLAN IS TO REPRESENT THE SITE SPECIFIC SOILS ON NOTTINGHAM TAX MAP 7, LOT 1N & BARRINGTON TAX MAP 269, LOT 2.
  - 8) SEE SHEETS 9 & 10 FOR TEST PIT DATA
  - 9) SEE SHEET 6 FOR SITE SPECIFIC SOILS LEGEND AND SHEET 8 FOR NRCS SOILS LEGEND.

- LEGEND:**
- IRON BOUND ~FND~
  - IRON PIPE ~FND~
  - GRANITE BOUND ~FND~
  - ⊕ UTILITY POLE/GUY WIRE
  - ⊙ BENCHMARK
  - MATCH LINE & POINT
  - WETLAND LINE
  - EXISTING CONTOUR MINOR
  - EXISTING CONTOUR MAJOR
  - OFF SITE NRCS SOIL LINE
  - SOIL LINE
  - LIMIT OF SOIL SURVEY
  - 448A SOIL SERIES
  - H+H NRCS SOIL LABEL
  - R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS
  - TYP. TYPICAL
  - FND FOUND
  - TBA TO BE ABANDONED

JOHN P. HAYES III, CWS #18

JOHN P. HAYES III, CSS #87

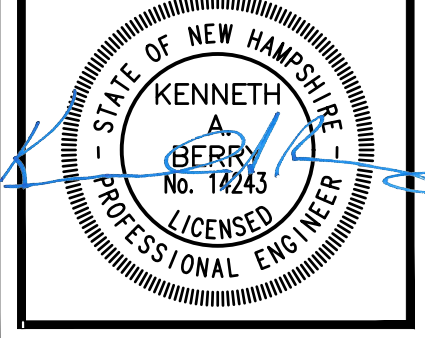
- WETLAND NOTES:**  
WETLANDS WERE DELINEATED BY JOHN P. HAYES, IN SUMMER OF 2018 UTILIZING THE FOLLOWING STANDARDS:
1. REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, (VERSION 2.0) JANUARY 2012, U.S. ARMY CORPS OF ENGINEERS.
  2. FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 8.0. UNITED STATES DEPARTMENT OF AGRICULTURE (2016).
  3. NATIONAL WETLAND PLANT LIST (CURRENT VERSION).



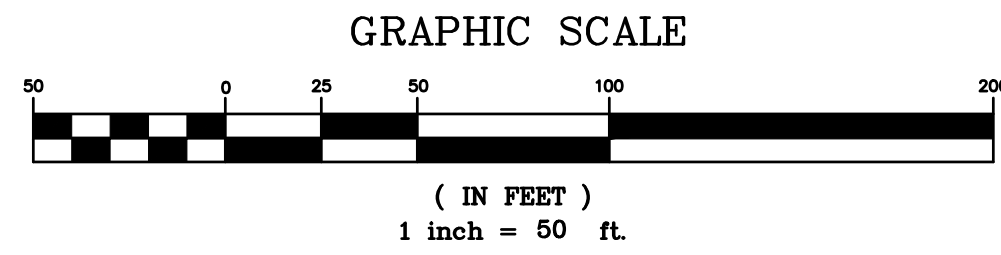
| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

SITE SPECIFIC SOILS MAP SOUTH  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

**BERRY SURVEYING & ENGINEERING**  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE : 1 IN. EQUALS 50 FT.  
DATE : MARCH 16, 2020  
FILE NO. : DB 2018 - 125



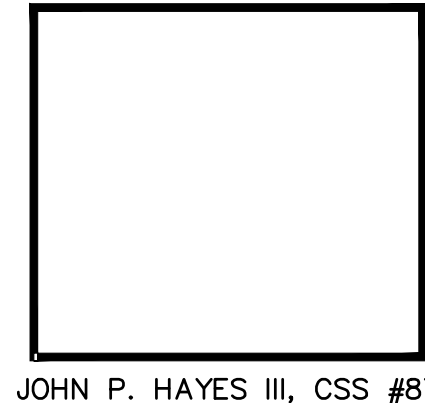
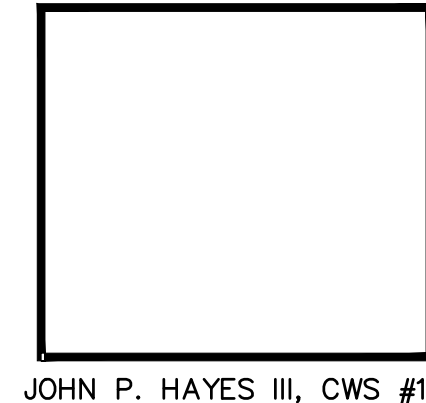




| SYMBOL | SOIL TAXONOMIC NAME                        | HYDROLOGIC SOIL GROUP |
|--------|--|-----------------------|
| 42B    | CANTON FINE SANDY LOAM                     | B                     |
| 43C    | CANTON FINE SANDY LOAM VERY STONY          | B                     |
| 67B    | PAXTON FINE SANDY LOAM VERY STONY          | C                     |
| 140C   | CHATFIELD-HOLLIS-CANTON COMPLEX ROCKY      | B                     |
| 447B   | SCITUATE-NEWFIELDS COMPLEX VERY STONY      | C                     |
| 657A   | RIDGEBURY FINE SANDY LOAM VERY STONY       | D                     |
| CfB    | CHARLTON FINE SANDY LOAM                   | B                     |
| CsB    | CHARLTON FINE SANDY LOAM VERY STONY        | B                     |
| HdC    | HOLLIS-CHARLTON VERY ROCKY FINE SANDY LOAM | D                     |
| Mp     | FREETOWN AND SWANSEE MUCKY PEATS           | B/D                   |
| PdB    | PAXTON FINE SANDY LOAM VERY STONY          | C                     |
|        |  |                       |
| Wa     | WHITMAN FINE SANDY LOAM                    | D                     |

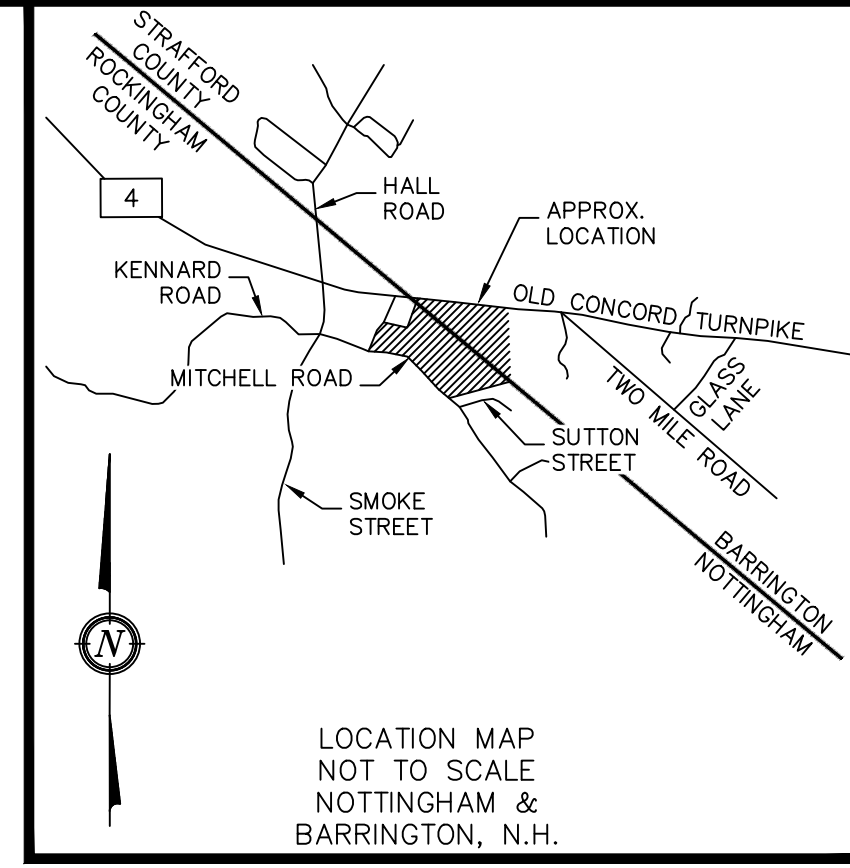
SLOPE: A = 0-3% B = 3-8% C = 8-15% D = 15-25% E = 25-50% F = 50%+

DENOMINATOR: /VPD = VERY POORLY DRAINED /PD = POORLY DRAINED /SWPD = SOMEWHAT POORLY DRAINED /MWD = MODERATELY WELL DRAINED



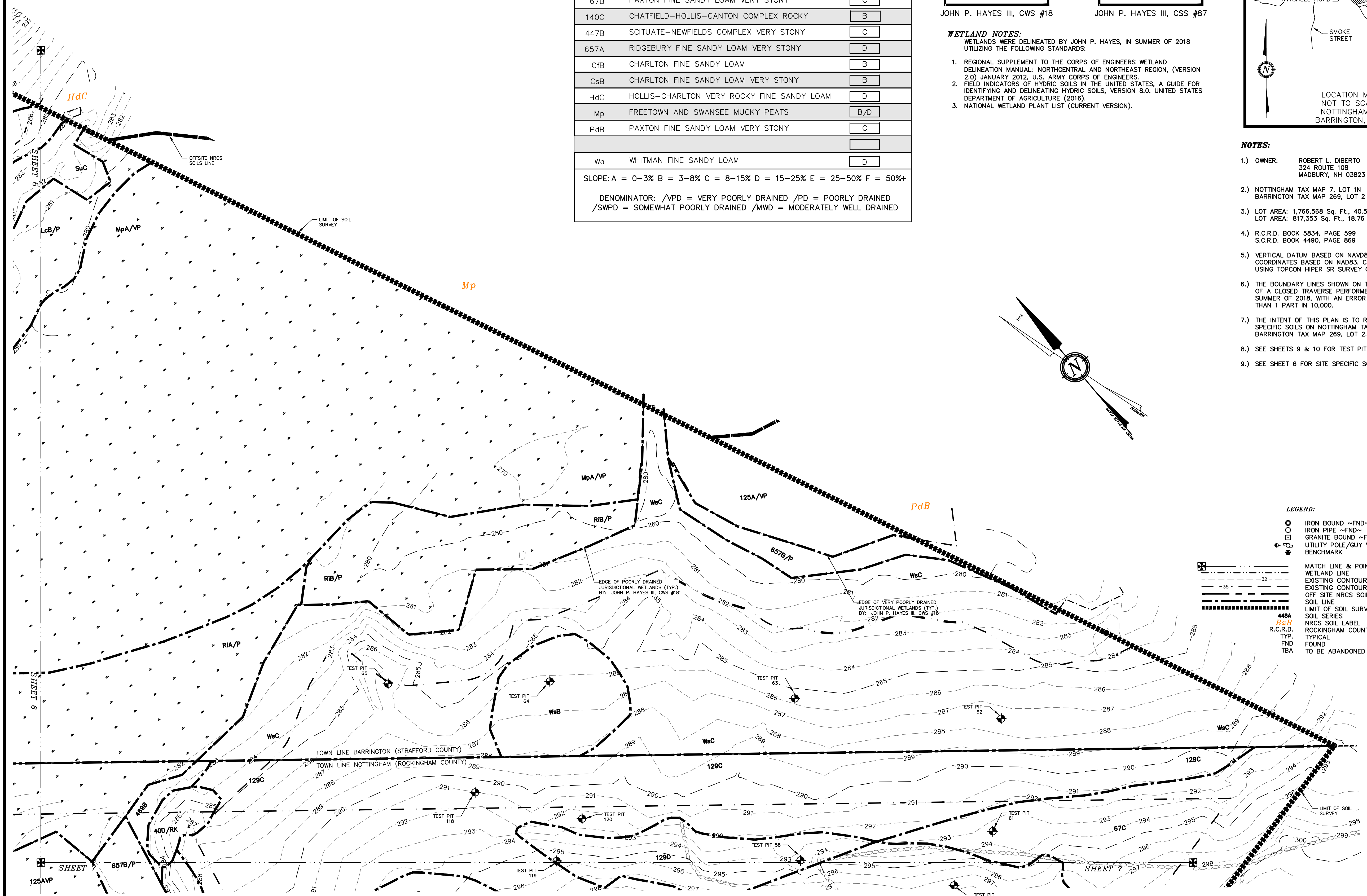
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- NATIONAL WETLAND PLANT LIST (CURRENT VERSION).



- NOTES:**
- OWNER: ROBERT L. DIBERTO  
324 ROUTE 108  
MADBURY, NH 03823
  - NOTTINGHAM TAX MAP 7, LOT 1N  
BARRINGTON TAX MAP 269, LOT 2
  - LOT AREA: 1,766,568 Sq. Ft., 40.55 ACRES  
LOT AREA: 817,353 Sq. Ft., 18.76 ACRES
  - R.C.R.D. BOOK 5834, PAGE 599  
S.C.R.D. BOOK 4490, PAGE 869
  - VERTICAL DATUM BASED ON NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.
  - THE BOUNDARY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A CLOSED TRAVERSE PERFORMED BY THIS OFFICE IN SUMMER OF 2018, WITH AN ERROR OF CLOSURE OF BETTER THAN 1 PART IN 10,000.
  - THE INTENT OF THIS PLAN IS TO REPRESENT THE SITE SPECIFIC SOILS ON NOTTINGHAM TAX MAP 7, LOT 1N & BARRINGTON TAX MAP 269, LOT 2.
  - SEE SHEETS 9 & 10 FOR TEST PIT DATA
  - SEE SHEET 6 FOR SITE SPECIFIC SOILS LEGEND.

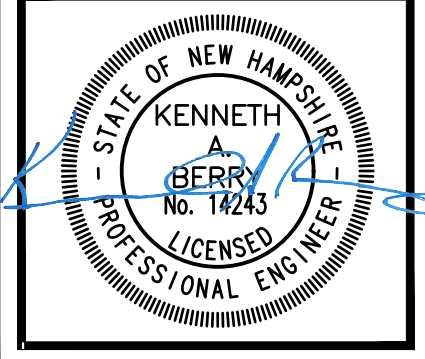
- LEGEND:**
- IRON BOUND ~FND~
  - IRON PIPE ~FND~
  - GRANITE BOUND ~FND~
  - UTILITY POLE/GUY WIRE
  - BENCHMARK
  - MATCH LINE & POINT
  - WETLAND LINE
  - EXISTING CONTOUR MINOR
  - EXISTING CONTOUR MAJOR
  - OFF SITE NRCS SOIL LINE
  - SOIL LINE
  - LIMIT OF SOIL SURVEY
  - SOIL SERIES
  - 448A NRCS SOIL LABEL
  - BzB ROCKINGHAM COUNTY REGISTRY OF DEEDS
  - TYP. TYPICAL
  - FND FOUND
  - TBA TO BE ABANDONED



| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

SITE SPECIFIC SOILS MAP EAST  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 SCALE : 1 IN. EQUALS 50 FT.  
 DATE : MARCH 16, 2020  
 FILE NO. : DB 2018 - 125









**NOTES:**

- 1.) OWNER: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
- 1A.) APPLICANT: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
- 2.) TOWN OF NOTTINGHAM TAX MAP 7, LOT 1N
- 3.) LOT AREA: 1,766,568 Sq. Ft., 40.55 ACRES
- 4.) R.C.R.D. BOOK 5834, PAGE 599
- 5.) ZONING:  
SETBACKS:  
FRONT - 50.0'  
SIDE - 50.0'  
REAR - 50.0'  
WETLANDS SETBACK ~ 50.0'  
MIN. LOT SIZE  
87,120 Sq. Ft.  
MIN. LOT FRONTAGE  
200'  
MAX. BLDG. HEIGHT  
34'
- 6.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF.: FEMA COMMUNITY# -330137, MAP# - 33015C0120E, DATED: MAY 17, 2005, & FEMA COMMUNITY# -330178, MAP# - 3307C0295D, DATED: MAY 17, 2005.
- 7.) VERTICAL DATUM BASED ON USGS NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.
- 8.) THE INTENT OF THIS PLAN IS TO SHOW THE OVERVIEW SUBDIVISION LAYOUT FOR THE PROPOSED PROJECT.
- 9.) THE CURRENT USE OF THE PROPERTY IS VACANT LAND. ALL PROPOSED LOTS WILL BE FOR RESIDENTIAL SINGLE FAMILY HOMES WITH ON SITE WELLS AND SEPTIC SYSTEMS.

**NOTES CONTINUED:**

- 10.) IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE OWNER SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE TOWN.
- 11.) REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE OF THE SITE'S SURFACE AREA AND SHALL BE MAINTAINED THROUGH THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE TOWN.
- 12.) ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 13.) THIS IS A 49 SHEET PLAN SET. SHEETS 11-14 ARE THE SUBDIVISION PLANS. SHEET 15-18 ARE THE TOPOGRAPHY SHEETS. SHEETS 11-14 WILL BE RECORDED AT THE ROCKINGHAM REGISTRY OF DEEDS. SHEETS 15-18 WILL BE ON FILE AT THIS OFFICE AND THE TOWN OF NOTTINGHAM.
- 14.) LOTS WITH FRONTAGE ALONG STONE GREY DRIVE AND LIPIZZAN DRIVE ARE SUBJECTED TO A BLANKET GRADING & DRAINAGE EASEMENT 15' FROM THE R.O.W.

**PLAN REFERENCES:**

- 1.) "SUBDIVISION PLAT AND AMENDED SITE PLAN, BARRINGTON, STRAFFORD COUNTY, NEW HAMPSHIRE PREPARED FOR ROBERT E. & DEBORAH A. MARTIN" BY: ORVIS / DREW, LLC. DATED: JULY 19, 2004 S.C.R.D. PLAN # 79-59
- 2.) "SUBDIVISION PLAN PREPARED FOR FREDERICK F. BUSSIERE OF THE LAND IN THE NAME OF GRACE M. HALEY LIVING REVOCABLE TRUST OF 1998, OF MAP 13 / LOT 35-2B LOCATED AT US ROUTE 4, COUNTY OF STRAFFORD, BARRINGTON, NH" BY: DAVID W. VINCENT, LLS DATED: MARCH 20, 2002 S.C.R.D. PLAN # 67-4
- 3.) "SITE PLAN FOR ANTIQUEBA COLLECTABLES SHOP, 450 ROUTE 4, BARRINGTON, NEW HAMPSHIRE" BY: ORVIS / DREW, LLC. DATED: JULY 1998 S.C.R.D. PLAN # 53-84

**PLAN REFERENCES CONT'D:**

- 4.) "SUBDIVISION-PLAN OF LAND, JAMES S. FERNALD, MITCHELL ROAD, NOTTINGHAM, NEW HAMPSHIRE" SHEETS 2 & 3 OF 3. BY: CYONET SURVEYS, INC. DATED: FEBRUARY 1989 R.C.R.D. PLAN # D-19462
- 5.) "RESUBDIVISION OF LOT 2-N, GRACE M. HALEY, NOTTINGHAM, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: APRIL 1987 R.C.R.D. PLAN # D-16755
- 6.) "REVISED BOUNDARY PLAN, WALDRON & GRACE HALEY AND GEORGE & MARIA FERNANDEZ, NOTTINGHAM, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: NOVEMBER 1988 R.C.R.D. PLAN # D-18881
- 7.) "SUBDIVISION PLAN, GRACE M. HALEY, HAROLD R. TAYLOR, BARRINGTON-NOTTINGHAM N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: AUGUST 1985 S.C.R.D. PLAN # 27A88

**WETLAND NOTES:**

WETLANDS WERE DELINEATED BY JOHN P. HAYES, IN SUMMER OF 2018 UTILIZING THE FOLLOWING STANDARDS:

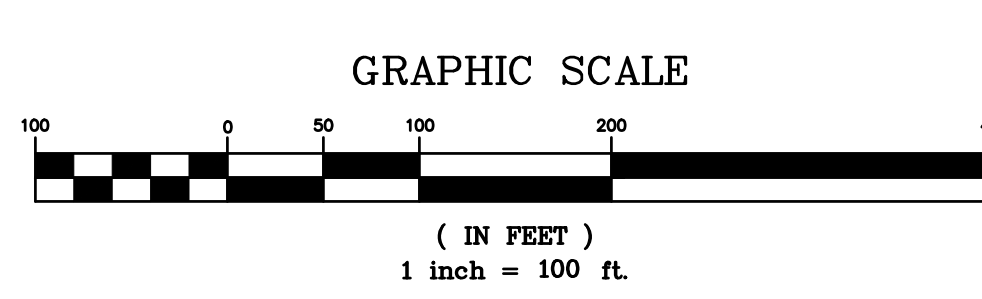
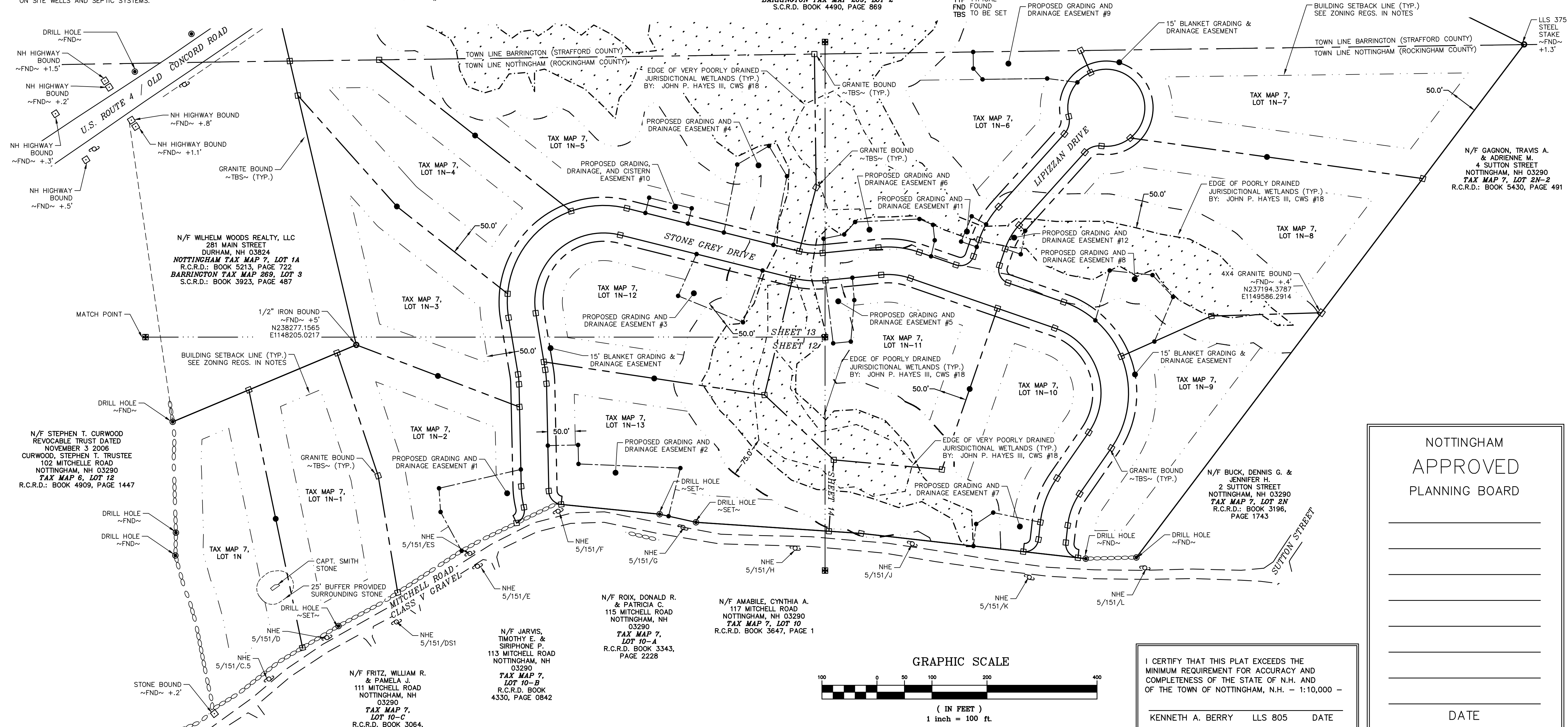
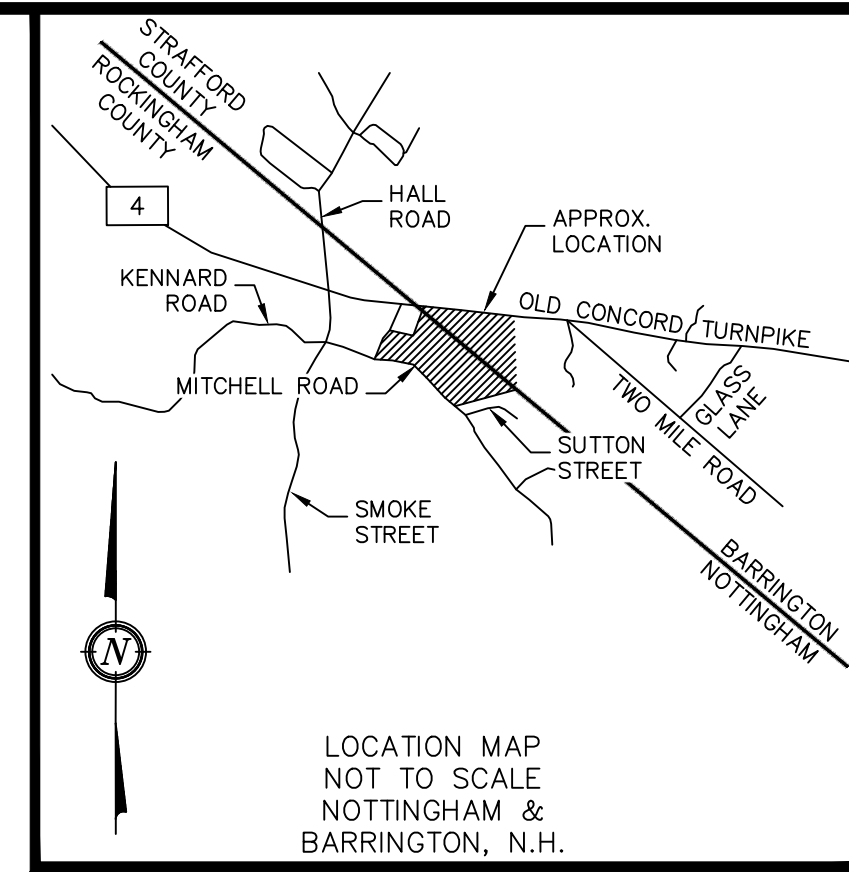
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3. NATIONAL WETLAND PLANT LIST (CURRENT VERSION).

JOHN P. HAYES III, CWS #18

N/F DIBERTO, ROBERT L.  
324 ROUTE 108  
MADBURY, NH 03823  
BARRINGTON TAX MAP 269, LOT 2  
S.C.R.D. BOOK 4490, PAGE 869

**LEGEND:**

- GRANITE BOUND ~TBS~
- 3/4" REBAR W/ 10 CAP ~TBS~
- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND ~FND~
- NH HIGHWAY BOUND/GRANITE BOUND ~FND~
- UTILITY POLE
- PROPOSED BOUNDARY LINE
- BUILDING SETBACK LINE
- POORLY DRAINED WETLAND LINE
- VERY POORLY DRAINED WETLAND LINE
- WETLAND SETBACK 50' TO POORLY DRAINED
- WETLAND SETBACK 75' TO VERY POORLY DRAINED
- EASEMENT LINE
- BLANKET EASEMENT LINE
- TOWN LINE
- MATCH LINE
- MATCH POINT



I CERTIFY THAT THIS PLAT EXCEEDS THE MINIMUM REQUIREMENT FOR ACCURACY AND COMPLETENESS OF THE STATE OF N.H. AND OF THE TOWN OF NOTTINGHAM, N.H. - 1:10,000 -

KENNETH A. BERRY LLS 805 DATE \_\_\_\_\_

NOTTINGHAM APPROVED PLANNING BOARD

DATE \_\_\_\_\_

BERRY SURVEYING & ENGINEERING  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 100 FT.  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125

OVERVIEW SUBDIVISION PLAN  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |







**NOTES:**

- 1.) OWNER: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
- 1A.) APPLICANT: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
- 2.) TAX MAP 7, LOT 1N
- 3.) LOT AREA: 1,766,568 Sq. Ft., 40.55 AC.
- 4.) R.C.R.D. BOOK 5834, PAGE 599
- 5.) ZONING:  
SETBACKS:  
FRONT - 50.0'  
SIDE - 50.0'  
REAR - 50.0'  
WETLANDS SETBACK ~ 50.0'  
MIN. LOT SIZE  
87,120 Sq. Ft.  
MIN. LOT FRONTAGE  
200'  
MAX. BLDG. HEIGHT  
34'
- 6.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF.: FEMA COMMUNITY# -330137, MAP# - 330150120E, DATED: MAY 17, 2005. & FEMA COMMUNITY# -330178, MAP# - 3307C0295D, DATED: MAY 17, 2005.
- 7.) VERTICAL DATUM BASED ON USGS NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.
- 8.) THE INTENT OF THIS PLAN IS TO SHOW THE SUBDIVISION DETAIL FOR THE NORTHERLY PORTION OF THE LOT.
- 9.) THE CURRENT USE OF THE PROPERTY IS VACANT LAND. ALL PROPOSED LOTS WILL BE FOR RESIDENTIAL SINGLE FAMILY HOMES WITH ON SITE WELLS AND SEPTIC SYSTEMS.

**NOTES CONTINUED:**

- 10.) IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE OWNER SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE TOWN.
- 11.) REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE OF THE SITE'S SURFACE AREA AND SHALL BE MAINTAINED THROUGH THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE TOWN.
- 12.) ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 13.) THIS IS A 50 SHEET PLAN SET. SHEETS 11-14 ARE THE SUBDIVISION PLANS. SHEET 15-18 ARE THE TOPOGRAPHY SHEETS. SHEETS 11-14 WILL BE RECORDED AT THE ROCKINGHAM REGISTRY OF DEEDS. SHEETS 15-18 WILL BE ON FILE AT THIS OFFICE AND THE TOWN OF NOTTINGHAM.
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BY: DAVID W. VINCENT, LLS  
DATED: MARCH 20, 2002  
S.C.R.D. PLAN # 67-4
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S.C.R.D. PLAN # 53-84

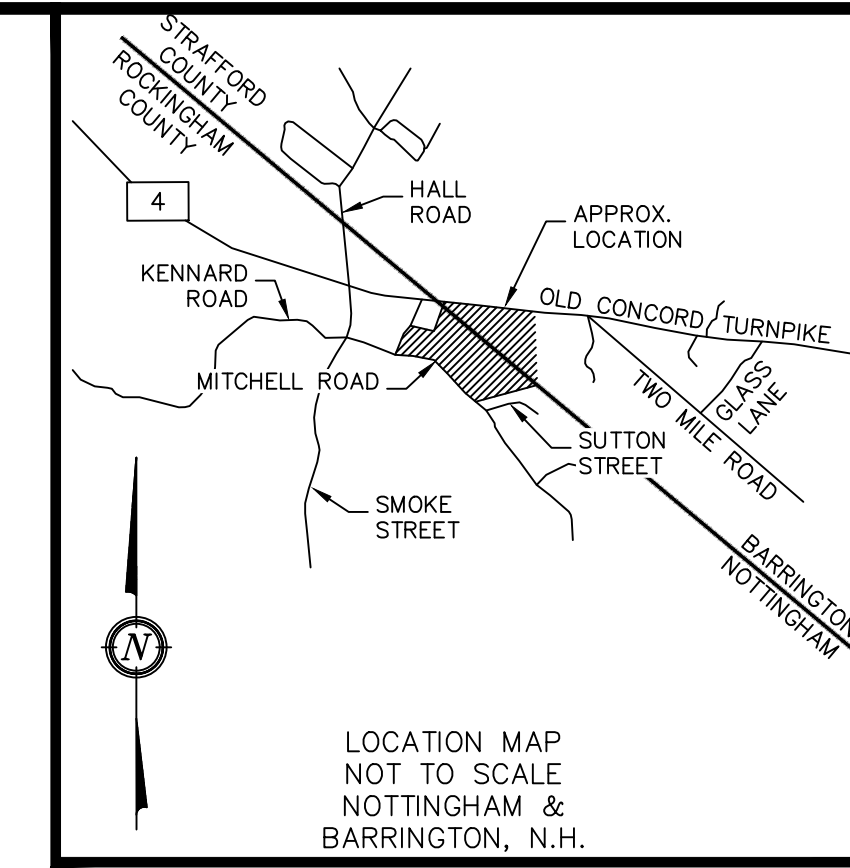
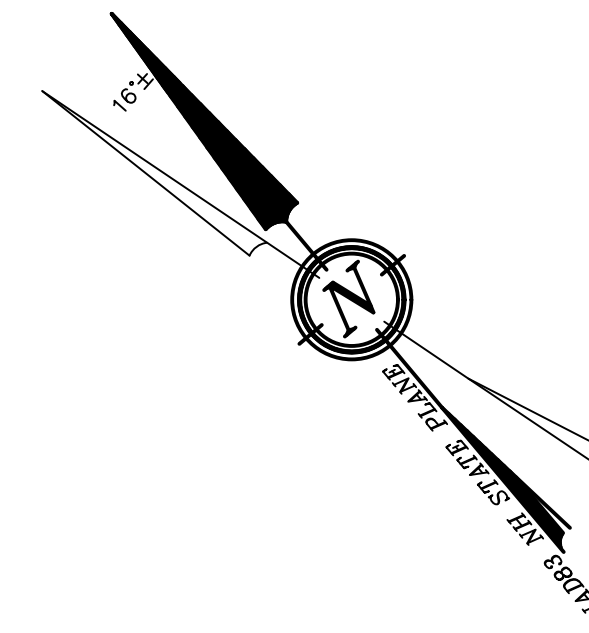
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- 4.) "SUBDIVISION-PLAN OF LAND, JAMES S. FERNALD, MITCHELL ROAD, NOTTINGHAM, NEW HAMPSHIRE" SHEETS 2 & 3 OF 3.  
BY: CYGNET SURVEYS, INC.  
DATED: FEBRUARY 1989  
R.C.R.D. PLAN # D-19462
- 5.) "RESUBDIVISION OF LOT 2-N, GRACE M. HALEY, NOTTINGHAM, N.H."  
BY: FREDERICK E. DREW ASSOCIATES  
DATED: APRIL 1987  
R.C.R.D. PLAN # D-16755
- 6.) "REVISED BOUNDARY PLAN, WALDRON & GRACE HALEY AND GEORGE & MARIA FERNANDEZ, NOTTINGHAM, N.H."  
BY: FREDERICK E. DREW ASSOCIATES  
DATED: NOVEMBER 1988  
R.C.R.D. PLAN # D-18881
- 7.) "SUBDIVISION PLAN, GRACE M. HALEY, HAROLD R. TAYLOR, BARRINGTON-NOTTINGHAM N.H."  
BY: FREDERICK E. DREW ASSOCIATES  
DATED: AUGUST 1985  
S.C.R.D. PLAN # 27A88

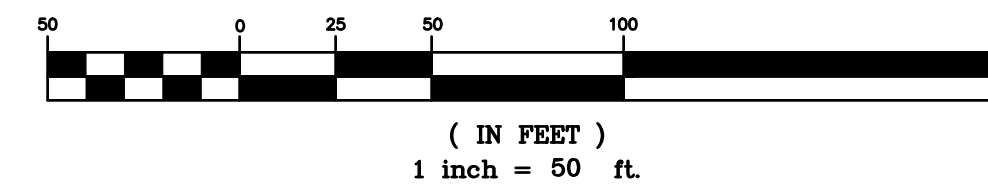
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WETLANDS WERE DELINEATED BY JOHN P. HAYES, IN SUMMER OF 2018 UTILIZING THE FOLLOWING STANDARDS:

1. REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, (VERSION 2.0) JANUARY 2012, U.S. ARMY CORPS OF ENGINEERS.
2. FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 8.0. UNITED STATES DEPARTMENT OF AGRICULTURE (2016).
3. NATIONAL WETLAND PLANT LIST (CURRENT VERSION).



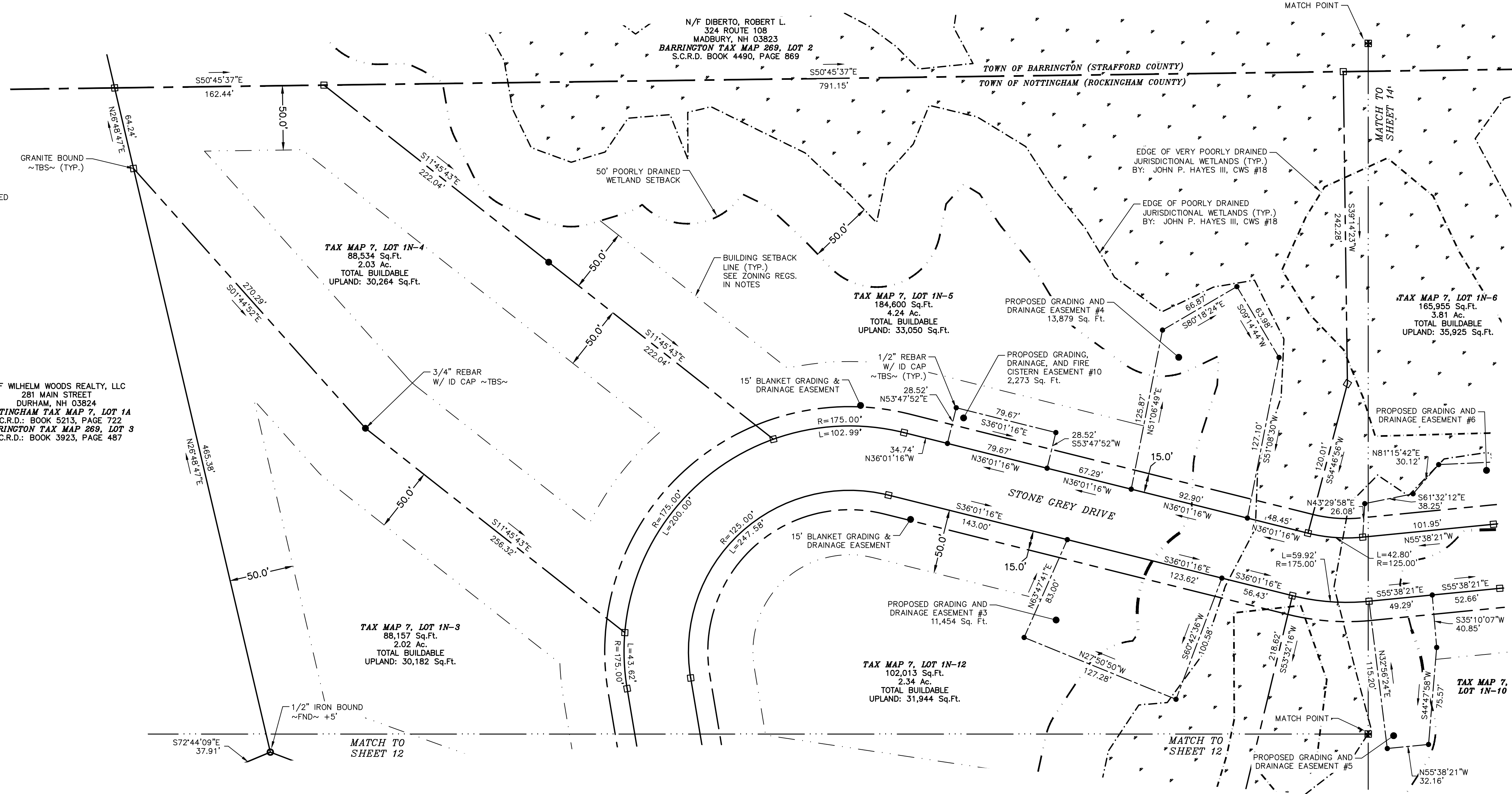
**GRAPHIC SCALE**



JOHN P. HAYES III, CWS #18

**LEGEND:**

- GRANITE BOUND ~TBS~
- 3/4" REBAR W/ ID CAP ~TBS~
- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND ~FND~
- NH HIGHWAY BOUND/GRAVITE BOUND ~FND~
- UTILITY POLE
- PROPOSED BOUNDARY LINE
- BUILDING SETBACK LINE
- POORLY DRAINED WETLAND LINE
- VERY POORLY DRAINED WETLAND LINE
- WETLAND SETBACK 50' TO POORLY DRAINED
- WETLAND SETBACK 75' TO VERY POORLY DRAINED
- EASEMENT LINE
- BLANKET EASEMENT LINE
- TOWN LINE
- MATCH LINE
- MATCH POINT
- R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS
- S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS
- TYP TYPICAL
- FND FOUND
- TBS TO BE SET



NOTTINGHAM  
APPROVED  
PLANNING BOARD

DATE

I CERTIFY THAT THIS PLAT EXCEEDS THE MINIMUM REQUIREMENT FOR ACCURACY AND COMPLETENESS OF THE STATE OF N.H. AND OF THE TOWN OF NOTTINGHAM, N.H. - 1:10,000 -

KENNETH A. BERRY LLS 805 DATE

N/F WILHELM WOODS REALTY, LLC  
281 MAIN STREET  
DURHAM, NH 03824  
NOTTINGHAM TAX MAP 7, LOT 1A  
R.C.R.D.: BOOK 5213, PAGE 722  
BARRINGTON TAX MAP 269, LOT 3  
S.C.R.D.: BOOK 3923, PAGE 487

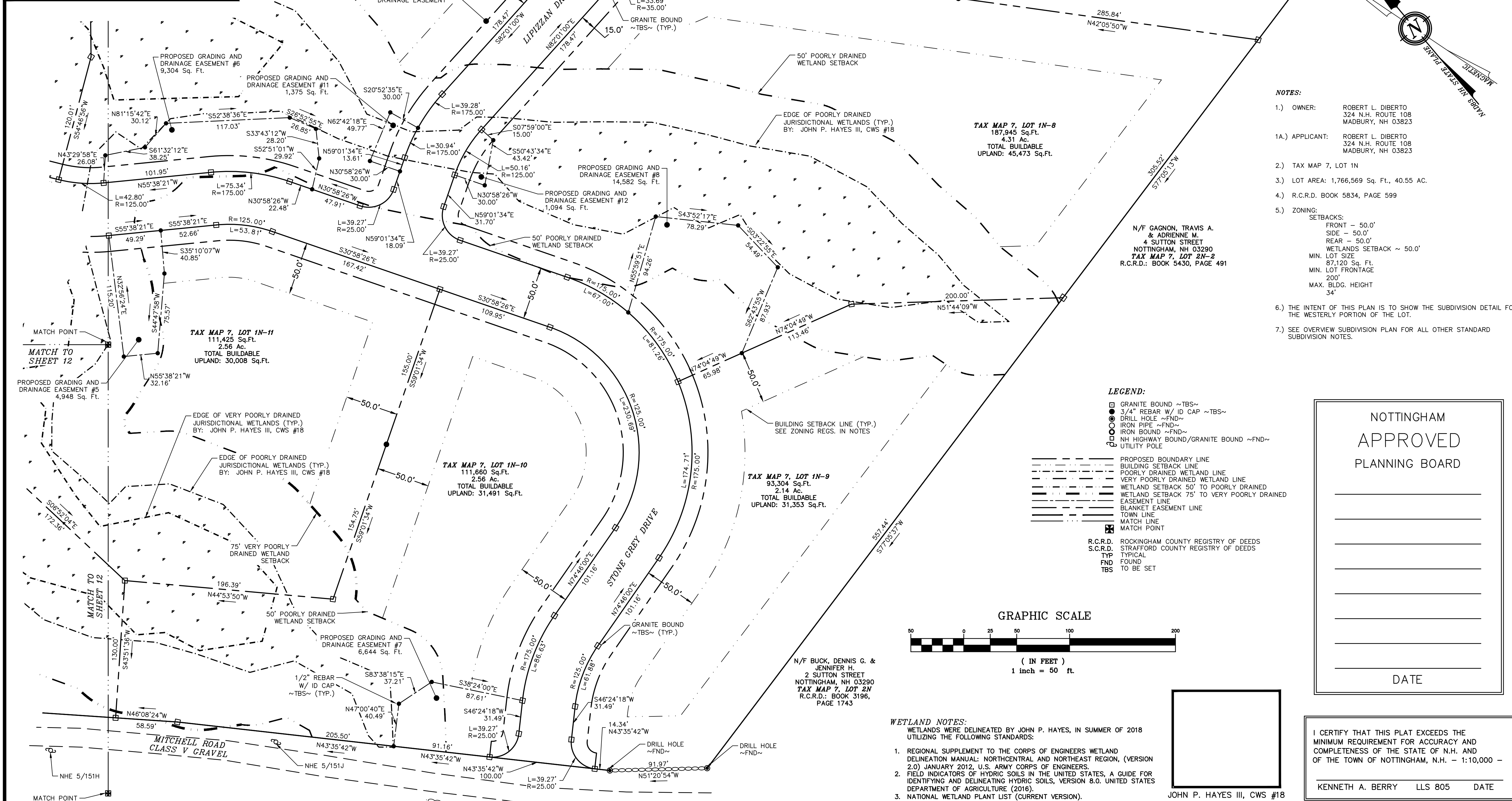
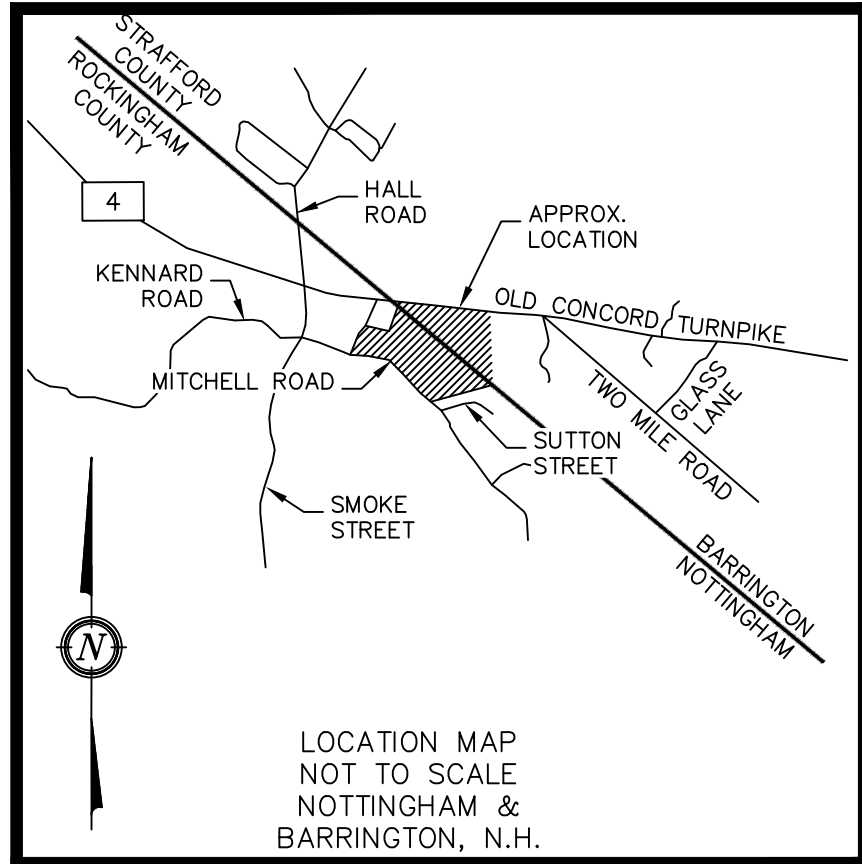
DETAIL SUBDIVISION PLAN NORTH  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 50 FT.  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125

KENNETH A. BERRY  
STATE OF NEW HAMPSHIRE  
LICENSED SURVEYOR  
NO. 805  
SIGNATURE

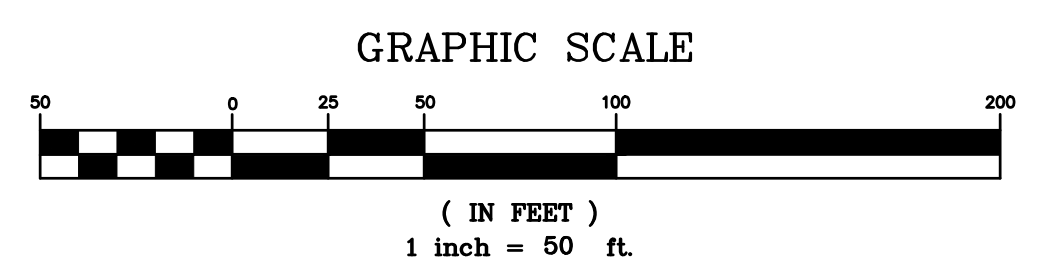
| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |





- NOTES:**
- OWNER: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
  - APPLICANT: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
  - TAX MAP 7, LOT 1N
  - LOT AREA: 1,766,569 Sq. Ft., 40.55 AC.
  - R.C.R.D. BOOK 5834, PAGE 599
  - ZONING: SETBACKS:  
FRONT - 50.0'  
SIDE - 50.0'  
REAR - 50.0'  
WETLANDS SETBACK ~ 50.0'  
MIN. LOT SIZE 87,120 Sq. Ft.  
MIN. LOT FRONTAGE 200'  
MAX. BLDG. HEIGHT 34'
  - THE INTENT OF THIS PLAN IS TO SHOW THE SUBDIVISION DETAIL FOR THE WESTERLY PORTION OF THE LOT.
  - SEE OVERVIEW SUBDIVISION PLAN FOR ALL OTHER STANDARD SUBDIVISION NOTES.

- LEGEND:**
- GRANITE BOUND ~TBS~
  - 3/4" REBAR W/ ID CAP ~TBS~
  - DRILL HOLE ~FND~
  - IRON PIPE ~FND~
  - IRON BOUND ~FND~
  - NH HIGHWAY BOUND/GRANITE BOUND ~FND~
  - UTILITY POLE
  - PROPOSED BOUNDARY LINE
  - BUILDING SETBACK LINE
  - POORLY DRAINED WETLAND LINE
  - VERY POORLY DRAINED WETLAND LINE
  - WETLAND SETBACK 50' TO POORLY DRAINED
  - WETLAND SETBACK 75' TO VERY POORLY DRAINED
  - EASEMENT LINE
  - BLANKET EASEMENT LINE
  - TOWN LINE
  - MATCH LINE
  - MATCH POINT
- R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS  
S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS  
TYP. TYPICAL  
FND. FOUND  
TBS. TO BE SET



NOTTINGHAM  
APPROVED  
PLANNING BOARD

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DATE

I CERTIFY THAT THIS PLAT EXCEEDS THE MINIMUM REQUIREMENT FOR ACCURACY AND COMPLETENESS OF THE STATE OF N.H. AND OF THE TOWN OF NOTTINGHAM, N.H. - 1:10,000 -

KENNETH A. BERRY    LLS 805    DATE

- WETLAND NOTES:**  
WETLANDS WERE DELINEATED BY JOHN P. HAYES, IN SUMMER OF 2018 UTILIZING THE FOLLOWING STANDARDS:
- REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, (VERSION 2.0) JANUARY 2012, U.S. ARMY CORPS OF ENGINEERS.
  - FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 8.0. UNITED STATES DEPARTMENT OF AGRICULTURE (2016).
  - NATIONAL WETLAND PLANT LIST (CURRENT VERSION).

JOHN P. HAYES III, CWS #18

| #1 | REVISION | DATE | DESCRIPTION                          |
|----|----------|------|--------------------------------------|
|    | 4-29-20  |      | REVISED PER NOTTINGHAM STAFF COMMENT |

DETAIL SUBDIVISION PLAN EAST  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

**BERRY SURVEYING & ENGINEERING**  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE : 1 IN. EQUALS 50 FT.  
DATE : MARCH 16, 2020  
FILE NO. : DB 2018 - 125

KENNETH A. BERRY



NOTES:

- 1.) OWNER: ROBERT L. DIBERTO 324 N.H. ROUTE 108 MADBURY, NH 03823
1A.) APPLICANT: ROBERT L. DIBERTO 324 N.H. ROUTE 108 MADBURY, NH 03823
2.) TOWN OF NOTTINGHAM TAX MAP 7, LOT 1N
3.) LOT AREA: 1,766,568 Sq. Ft., 40.55 ACRES
4.) R.C.R.D. BOOK 5834, PAGE 599
5.) ZONING: SETBACKS: FRONT - 50.0' SIDE - 50.0' REAR - 50.0' WETLANDS SETBACK ~ 50.0' MIN. LOT SIZE 87,120 Sq. Ft. MIN. LOT FRONTAGE 200' MAX. BLDG. HEIGHT 34'

NOTES CONTINUED:

- 10.) IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE OWNER SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE TOWN.
11.) REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE OF THE SITE'S SURFACE AREA AND SHALL BE MAINTAINED THROUGH THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE TOWN.
12.) ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
13.) THIS IS A 50 SHEET PLAN SET. SHEETS 11-14 ARE THE SUBDIVISION PLANS. SHEET 15-18 ARE THE TOPOGRAPHY SHEETS. SHEETS 11-14 WILL BE RECORDED AT THE ROCKINGHAM REGISTRY OF DEEDS. SHEETS 15-18 WILL BE ON FILE AT THIS OFFICE AND THE TOWN OF NOTTINGHAM.

PLAN REFERENCES:

- 1.) "SUBDIVISION PLAT AND AMENDED SITE PLAN, BARRINGTON, STRAFFORD COUNTY, NEW HAMPSHIRE PREPARED FOR ROBERT E. & DEBORAH A. MARTIN" BY: ORVIS / DREW, LLC. DATED: JULY 19, 2004 S.C.R.D. PLAN # 79-59
2.) "SUBDIVISION PLAN PREPARED FOR FREDERICK F. BISSIERE OF THE LAND IN THE NAME OF GRACE M. HALEY LIVING REVOCABLE TRUST OF 1998, OF MAP 13 / LOT 35-28 LOCATED AT US ROUTE 4, COUNTY OF STRAFFORD, BARRINGTON, NH" BY DAVID W. VINCENT, LLS DATED: MARCH 20, 2002 S.C.R.D. PLAN # 67-4
3.) "SITE PLAN FOR ANTIQUEBA COLLECTABLES SHOP, 450 ROUTE 4, BARRINGTON, NEW HAMPSHIRE" BY: ORVIS / DREW, LLC. DATED: JULY 1998 S.C.R.D. PLAN # 53-84

PLAN REFERENCES CONT'D:

- 4.) "SUBDIVISION-PLAN OF LAND, JAMES S. FERNALD, MITCHELL ROAD, NOTTINGHAM, NEW HAMPSHIRE" SHEETS 2 & 3 OF 3. BY: CYNET SURVEYS, INC. DATED: APRIL 1987 R.C.R.D. PLAN # D-19462
5.) "RESUBDIVISION OF LOT 2-N, GRACE M. HALEY, NOTTINGHAM, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: APRIL 1987 R.C.R.D. PLAN # D-16755
6.) "REVISED BOUNDARY PLAN, WALDRON & GRACE HALEY AND GEORGE & MARIA FERNANDEZ, NOTTINGHAM, N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: NOVEMBER 1988 R.C.R.D. PLAN # D-18881
7.) "SUBDIVISION PLAN, GRACE M. HALEY, HAROLD R. TAYLOR, BARRINGTON-NOTTINGHAM N.H." BY: FREDERICK E. DREW ASSOCIATES DATED: AUGUST 1985 S.C.R.D. PLAN # 27A88

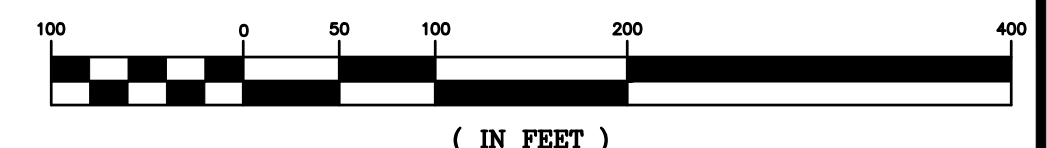
LOT LOADING:

Table with columns for Lot No., HSG, Area, and Total. Includes lots 1N, 1N-1, 1N-2, 1N-3, 1N-4, 1N-5, 1N-6, 1N-7, 1N-8, 1N-9, 1N-10, 1N-11, 1N-12, 1N-13.

LOT LOADING: CONTINUED:

Table with columns for Lot No., HSG, Area, and Total. Includes lots 1N-5, 1N-6, 1N-7, 1N-8, 1N-9, 1N-10, 1N-11, 1N-12, 1N-13.

GRAPHIC SCALE



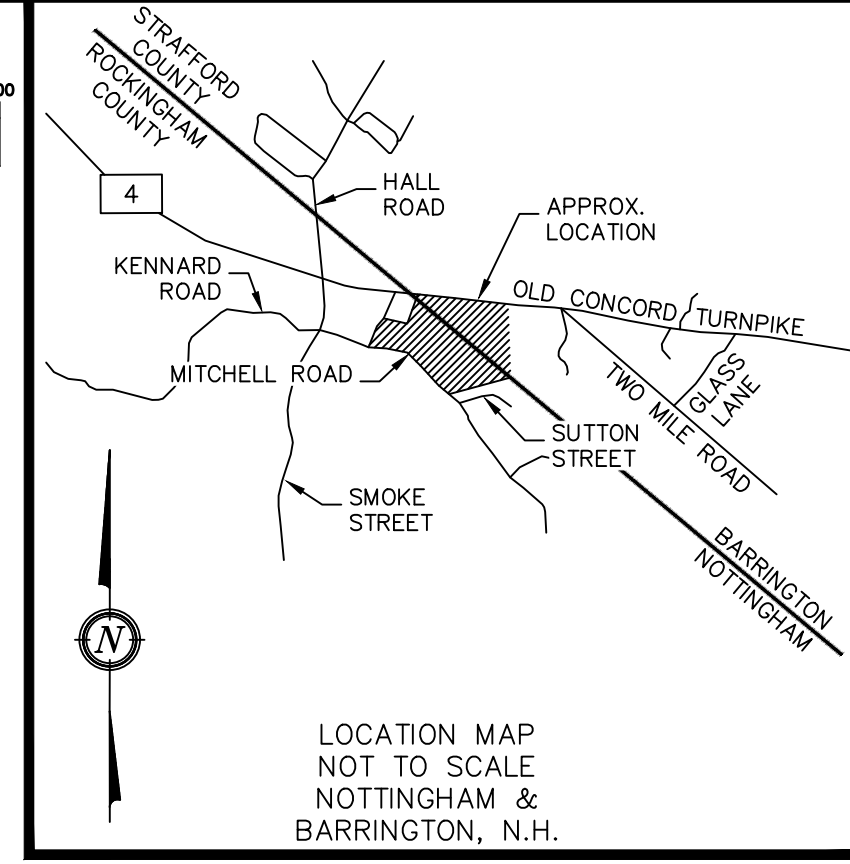
LEGEND: GRANITE BOUND ~TBS~ 3/4" REBAR W/ ID CAP ~TBS~ DRILL HOLE ~FND~ IRON PIPE ~FND~ IRON BOUND ~FND~ NH HIGHWAY BOUND ~FND~ UTILITY POLE

- PROPOSED BOUNDARY LINE
BUILDING SETBACK LINE
POORLY DRAINED WETLAND LINE
VERY POORLY DRAINED WETLAND LINE
WETLAND SETBACK 50' TO POORLY DRAINED WETLAND SETBACK 75' TO VERY POORLY DRAINED WETLAND LINE
EASEMENT LINE
TOWN LINE
25% STEEP SLOPES

R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS
S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS

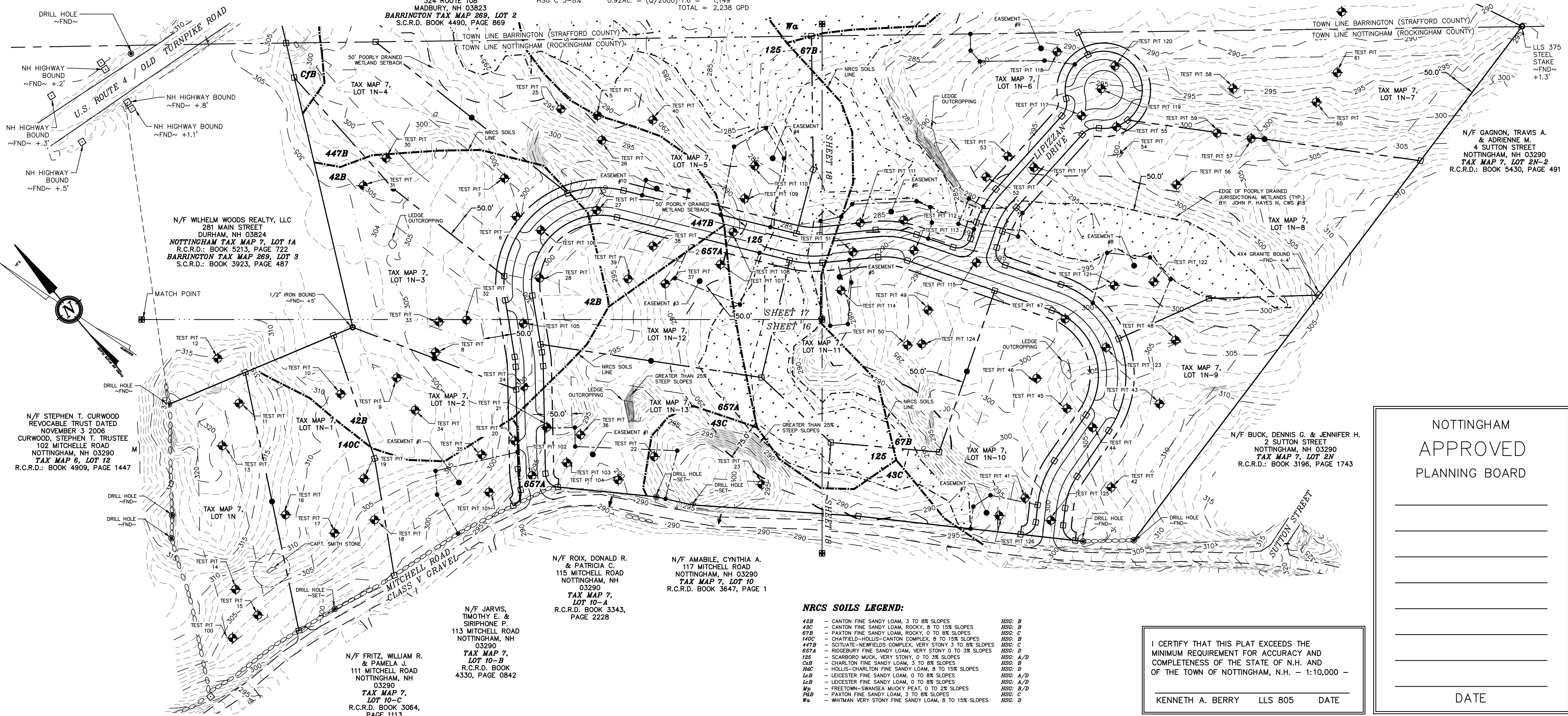
TYP TYPICAL
FND FND
TBS TO BE SET

JOHN P. HAYES III, CWS #18



WETLAND NOTES:

- WETLANDS WERE DELINEATED BY JOHN P. HAYES, IN SUMMER OF 2018 UTILIZING THE FOLLOWING STANDARDS:
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2. FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 8.0, UNITED STATES DEPARTMENT OF AGRICULTURE (2016).
3. NATIONAL WETLAND PLANT LIST (CURRENT VERSION).



NRCS SOILS LEGEND: 42B - CANTON FINE SANDY LOAM, 3 TO 8% SLOPES; 42C - CANTON FINE SANDY LOAM, ROCKY, 8 TO 15% SLOPES; 67B - PAXTON FINE SANDY LOAM, ROCKY, 0 TO 8% SLOPES; 140C - CHAFFIELD-HOLLIS-CANTON COMPLEX, 8 TO 15% SLOPES; 447B - SITUATE-NEWFIELDS COMPLEX, VERY STONY 3 TO 8% SLOPES; 657A - RIDGEBURY FINE SANDY LOAM, VERY STONY 0 TO 3% SLOPES; 125 - SCARBORO MUCK, VERY STONY, 0 TO 3% SLOPES; C2B - CHARLTON FINE SANDY LOAM, 3 TO 8% SLOPES; H4C - HOLLIS-CHARLTON FINE SANDY LOAM, 8 TO 15% SLOPES; L2B - LEICESTER FINE SANDY LOAM, 0 TO 8% SLOPES; L2C - LEICESTER FINE SANDY LOAM, 0 TO 8% SLOPES; M2 - FREETOWN-SWANSEA MUCKY PEAT, 0 TO 2% SLOPES; P4B - PAXTON FINE SANDY LOAM, 3 TO 8% SLOPES; W4 - WHITMAN VERY STONY FINE SANDY LOAM, 8 TO 15% SLOPES

I CERTIFY THAT THIS PLAT EXCEEDS THE MINIMUM REQUIREMENT FOR ACCURACY AND COMPLETENESS OF THE STATE OF N.H. AND OF THE TOWN OF NOTTINGHAM, N.H. - 1:10,000 - KENNETH A. BERRY LLS 805 DATE

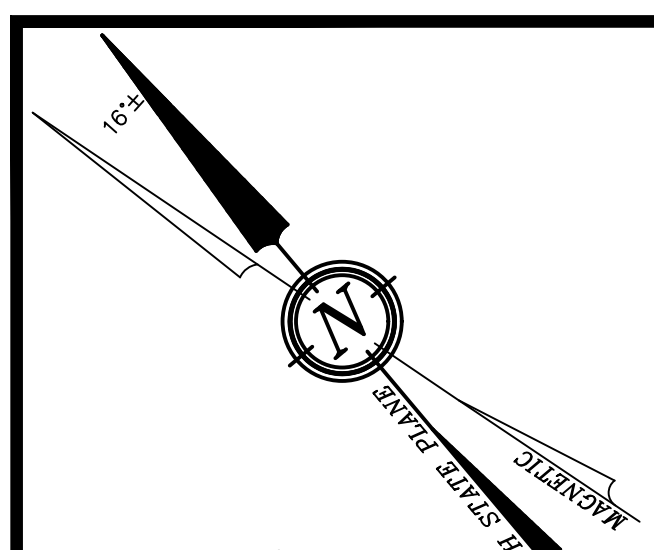
NOTTINGHAM APPROVED PLANNING BOARD
DATE

Table with columns: REVISION, DATE, DESCRIPTION. Includes revision #1 dated 4-29-20.

OVERVIEW TOPOGRAPHIC SUBDIVISION PLAN
LAND OF ROBERT L. DIBERTO 324 N.H. ROUTE 108 MADBURY, NH 03823
TAX MAP 7, LOT 1N

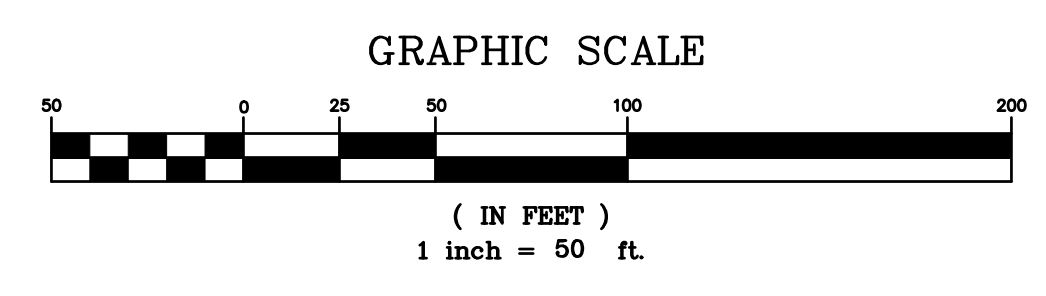
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 100 FT.
DATE: MARCH 16, 2020
FILE NO.: DB 2018 - 125
SHEET 15 OF 49





**NRCS SOILS LEGEND:**

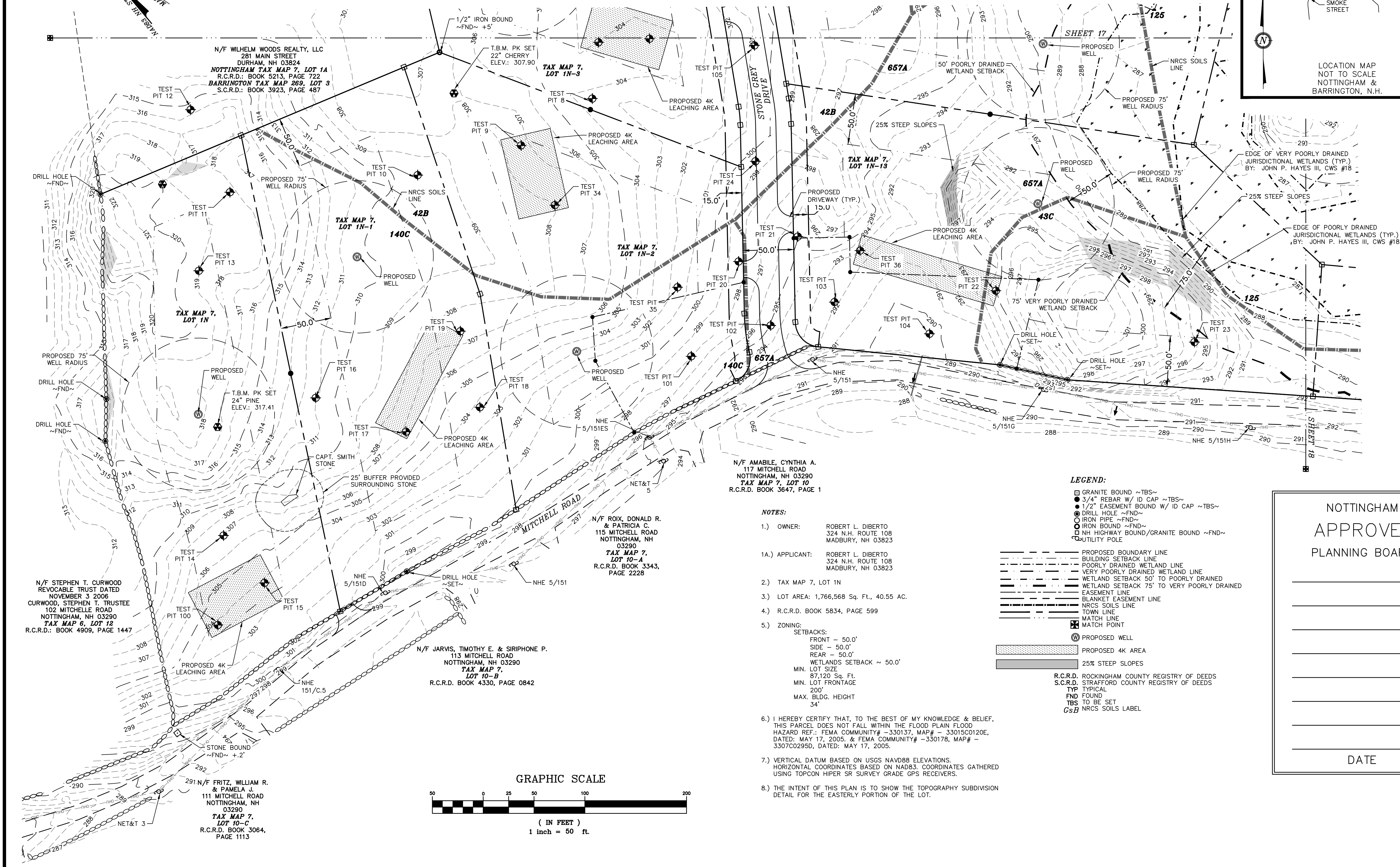
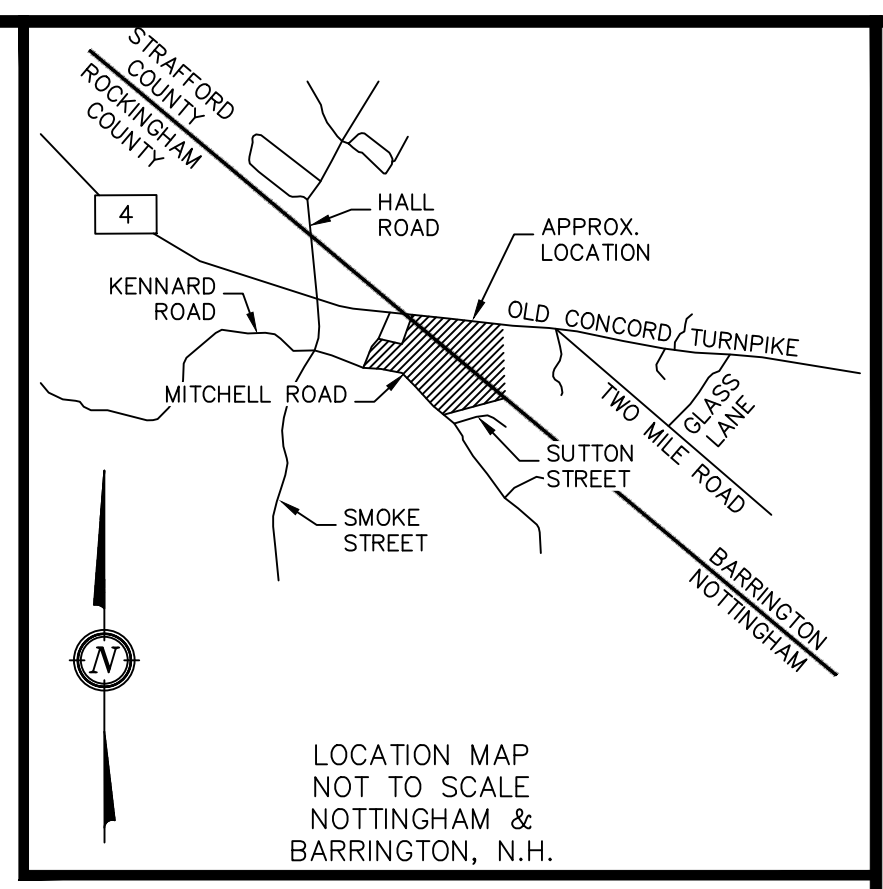
|  |          |
|--|----------|
| 42B - CANTON FINE SANDY LOAM, 3 TO 8% SLOPES                 | HSC: B   |
| 43C - CANTON FINE SANDY LOAM, ROCKY, 8 TO 15% SLOPES         | HSC: B   |
| 67B - PAXTON FINE SANDY LOAM, ROCKY, 0 TO 8% SLOPES          | HSC: C   |
| 140C - CHATFIELD-HOLLIS-CANTON COMPLEX, 8 TO 15% SLOPES      | HSC: B   |
| 447B - SCITUATE-NEWFIELDS COMPLEX, VERY STONY 3 TO 8% SLOPES | HSC: C   |
| 657A - RIDGEBURY FINE SANDY LOAM, VERY STONY 0 TO 3% SLOPES  | HSC: D   |
| 125 - SCARBORO MUCK, VERY STONY, 0 TO 3% SLOPES              | HSC: A/D |
| CsB - CHARLTON FINE SANDY LOAM, 3 TO 8% SLOPES               | HSC: B   |
| HsC - HOLLIS-CHARLTON FINE SANDY LOAM, 8 TO 15% SLOPES       | HSC: D   |
| LcB - LEICESTER FINE SANDY LOAM, 0 TO 8% SLOPES              | HSC: A/D |
| LcB - LEICESTER FINE SANDY LOAM, 0 TO 8% SLOPES              | HSC: A/D |
| Mp - FREETOWN-SWANSEA MUCKY PEAT, 0 TO 2% SLOPES             | HSC: B/D |
| PsB - PAXTON FINE SANDY LOAM, 3 TO 8% SLOPES                 | HSC: B   |
| Wg - WHITMAN VERY STONY FINE SANDY LOAM, 8 TO 15% SLOPES     | HSC: D   |



JOHN P. HAYES III, CWS #18

**WETLAND NOTES:**  
 WETLANDS WERE DELINEATED BY JOHN P. HAYES, IN SUMMER OF 2018 UTILIZING THE FOLLOWING STANDARDS:

- REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, (VERSION 2.0) JANUARY 2012, U.S. ARMY CORPS OF ENGINEERS.
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- NATIONAL WETLAND PLANT LIST (CURRENT VERSION).



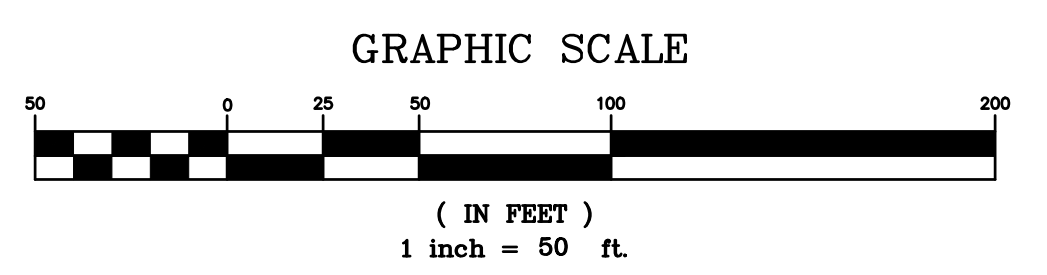
N/F AMABLE, CYNTHIA A.  
 117 MITCHELL ROAD  
 NOTTINGHAM, NH 03290  
**TAX MAP 7, LOT 10**  
 R.C.R.D. BOOK 3647, PAGE 1

- NOTES:**
- OWNER: ROBERT L. DIBERTO  
 324 N.H. ROUTE 108  
 MADBURY, NH 03823
  - APPLICANT: ROBERT L. DIBERTO  
 324 N.H. ROUTE 108  
 MADBURY, NH 03823
  - TAX MAP 7, LOT 1N
  - LOT AREA: 1,766,568 Sq. Ft., 40.55 AC.
  - R.C.R.D. BOOK 5834, PAGE 599
  - ZONING: SETBACKS:  
 FRONT - 50.0'  
 SIDE - 50.0'  
 REAR - 50.0'  
 WETLANDS SETBACK ~ 50.0'  
 MIN. LOT SIZE 87,120 Sq. Ft.  
 MIN. LOT FRONTAGE 200'  
 MAX. BLDG. HEIGHT 34'
  - I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF.: FEMA COMMUNITY# -330137, MAP# - 33015C0120E, DATED: MAY 17, 2005, & FEMA COMMUNITY# -330178, MAP# - 3307C0295D, DATED: MAY 17, 2005.
  - VERTICAL DATUM BASED ON USGS NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.
  - THE INTENT OF THIS PLAN IS TO SHOW THE TOPOGRAPHIC SUBDIVISION DETAIL FOR THE EASTERLY PORTION OF THE LOT.

**LEGEND:**

|  |  |
|--|--|
|  | GRANITE BOUND ~TBS~                        |
|  | 3/4" REBAR W/ ID CAP ~TBS~                 |
|  | 1/2" EASEMENT BOUND W/ ID CAP ~TBS~        |
|  | DRILL HOLE ~FND~                           |
|  | IRON PIPE ~FND~                            |
|  | IRON BOUND ~FND~                           |
|  | NH HIGHWAY BOUND/GRANITE BOUND ~FND~       |
|  | UTILITY POLE                               |
|  | PROPOSED BOUNDARY LINE                     |
|  | BUILDING SETBACK LINE                      |
|  | POORLY DRAINED WETLAND LINE                |
|  | VERY POORLY DRAINED WETLAND LINE           |
|  | WETLAND SETBACK 50' TO POORLY DRAINED      |
|  | WETLAND SETBACK 75' TO VERY POORLY DRAINED |
|  | EASEMENT LINE                              |
|  | BLANKET EASEMENT LINE                      |
|  | NRCS SOILS LINE                            |
|  | TOWN LINE                                  |
|  | MATCH LINE                                 |
|  | MATCH POINT                                |
|  | PROPOSED WELL                              |
|  | PROPOSED 4K AREA                           |
|  | 25% STEEP SLOPES                           |

R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS  
 S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS  
 TYP TYPICAL  
 FND FOUND  
 TBS TO BE SET  
 CsB NRCS SOILS LABEL



NOTTINGHAM  
 APPROVED  
 PLANNING BOARD

DATE

| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

TOPOGRAPHIC SUBDIVISION PLAN WEST  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
**TAX MAP 7, LOT 1N**

BERRY SURVEYING & ENGINEERING  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 SCALE: 1 IN. EQUALS 50 FT.  
 DATE: MARCH 16, 2020  
 FILE NO.: DB 2018 - 125

SIGNATURE



**NOTES:**

- 1.) OWNER: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
- 1A.) APPLICANT: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
- 2.) TAX MAP 7, LOT 1N
- 3.) LOT AREA: 1,766,568 Sq. Ft., 40.55 AC.
- 4.) R.C.R.D. BOOK 5834, PAGE 599
- 5.) ZONING:  
SETBACKS:  
FRONT - 50.0'  
SIDE - 50.0'  
REAR - 50.0'  
WETLANDS SETBACK ~ 50.0'  
MIN. LOT SIZE  
87,120 Sq. Ft.  
MIN. LOT FRONTAGE  
200'  
MAX. BLDG. HEIGHT  
34'

- 6.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF.: FEMA COMMUNITY# - 330137, MAP# - 33015C0120E, DATED: MAY 17, 2005, & FEMA COMMUNITY# - 330178, MAP# - 3307C0295D, DATED: MAY 17, 2005.
- 7.) VERTICAL DATUM BASED ON USGS NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.
- 8.) THE INTENT OF THIS PLAN IS TO SHOW THE TOPOGRAPHY SUBDIVISION DETAIL FOR THE EASTERLY PORTION OF THE LOT.

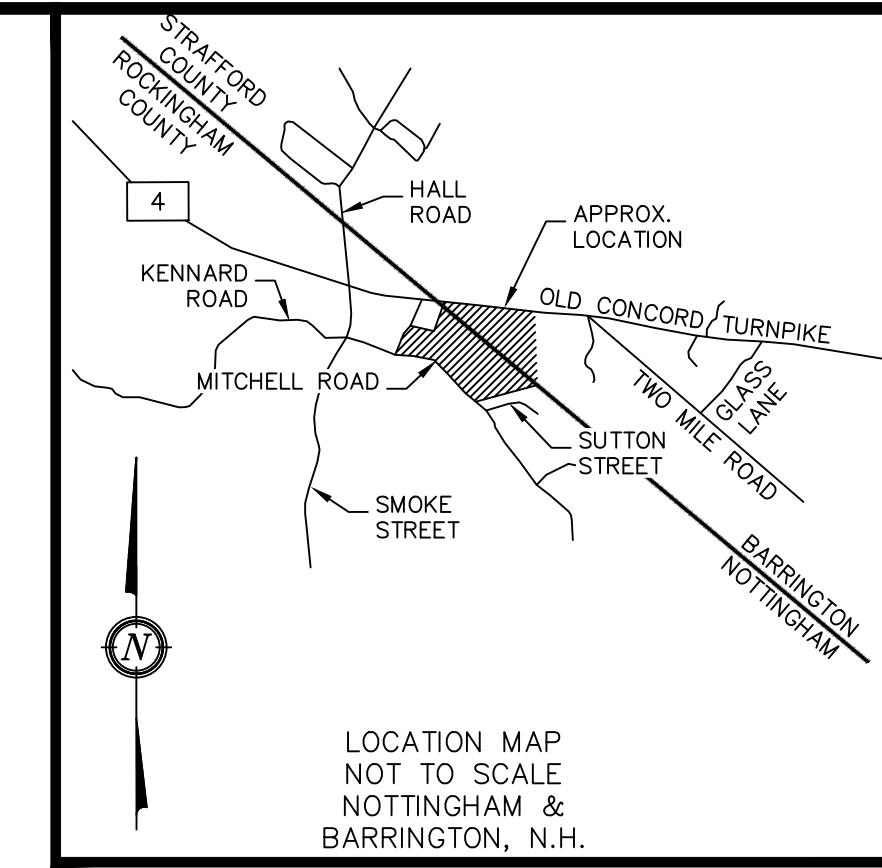
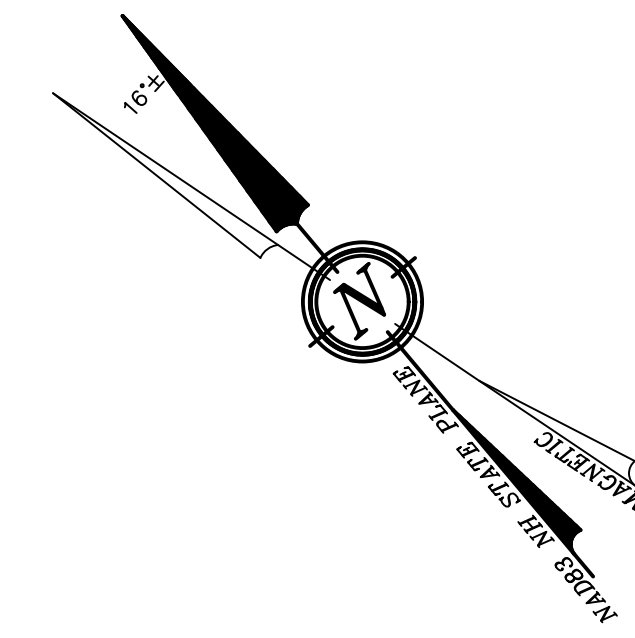
**LEGEND:**

- GRANITE BOUND ~TBS~
- 3/4" REBAR W/ ID CAP ~TBS~
- 1/2" EASEMENT BOUND W/ ID CAP ~TBS~
- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND ~FND~
- NH HIGHWAY BOUND/GRANITE BOUND ~FND~
- UTILITY POLE
- PROPOSED BOUNDARY LINE
- BUILDING SETBACK LINE
- POORLY DRAINED WETLAND LINE
- VERY POORLY DRAINED WETLAND LINE
- WETLAND SETBACK 50' TO POORLY DRAINED
- WETLAND SETBACK 75' TO VERY POORLY DRAINED
- EASEMENT LINE
- BLANKET EASEMENT LINE
- NRCS SOILS LINE
- TOWN LINE
- MATCH LINE
- ⊕ MATCH POINT
- ⊕ PROPOSED WELL
- ▨ PROPOSED 4K AREA
- ▨ 25% STEEP SLOPES
- R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS
- S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS
- TYP TYPICAL
- FND FOUND
- TBS TO BE SET
- CsB NRCS SOILS LABEL

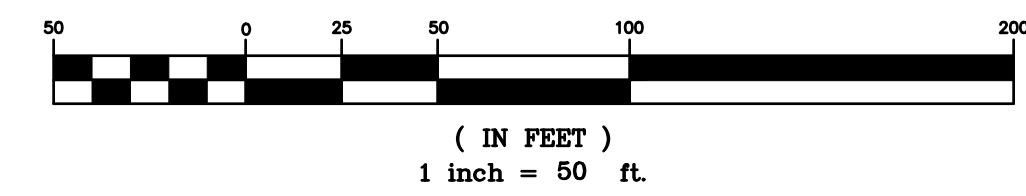
JOHN P. HAYES III, CWS #18

**WETLAND NOTES:**

- 1. REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTH-CENTRAL AND NORTHEAST REGION, (VERSION 2.0) JANUARY 2012, U.S. ARMY CORPS OF ENGINEERS.
- 2. FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 8.0. UNITED STATES DEPARTMENT OF AGRICULTURE (2016).
- 3. NATIONAL WETLAND PLANT LIST (CURRENT VERSION).



GRAPHIC SCALE

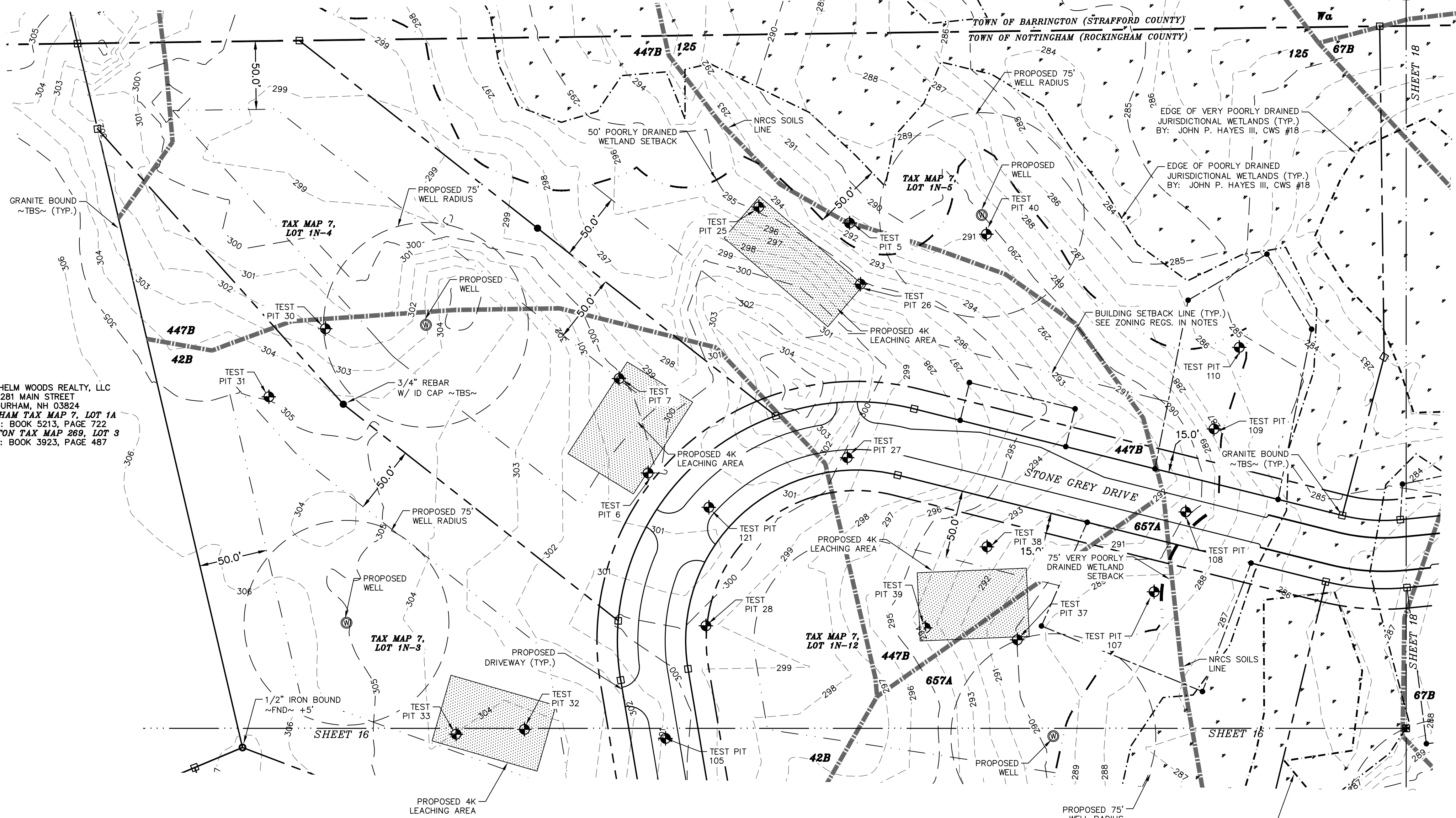


N/F DIBERTO, ROBERT L.  
324 ROUTE 108  
MADBURY, NH 03823  
BARRINGTON TAX MAP 269, LOT 2  
S.C.R.D. BOOK 4490, PAGE 869

**NRCS SOILS LEGEND:**

- 42B - CANTON FINE SANDY LOAM, 3 TO 8% SLOPES HSC: B
- 43C - CANTON FINE SANDY LOAM, ROCKY, 8 TO 15% SLOPES HSC: B
- 67B - PAXTON FINE SANDY LOAM, ROCKY, 0 TO 8% SLOPES HSC: C
- 140C - CHATFIELD-HOLLIS-CANTON COMPLEX, 8 TO 15% SLOPES HSC: B
- 447B - SCITUATE-NEWFIELDS COMPLEX, VERY STONY 3 TO 8% SLOPES HSC: C
- 657A - RIDGEBURY FINE SANDY LOAM, VERY STONY 0 TO 3% SLOPES HSC: D
- 125 - SCARBORO MUCK, VERY STONY, 0 TO 3% SLOPES HSC: A/D
- CsB - CHARLTON FINE SANDY LOAM, 3 TO 8% SLOPES HSC: B
- HsC - HOLLIS-CHARLTON FINE SANDY LOAM, 8 TO 15% SLOPES HSC: D
- LsB - LEICESTER FINE SANDY LOAM, 0 TO 8% SLOPES HSC: A/D
- LsC - LEICESTER FINE SANDY LOAM, 0 TO 8% SLOPES HSC: A/D
- Mp - FREETOWN-SWANSEA MUCKY PEAT, 0 TO 2% SLOPES HSC: B/D
- PaB - PAXTON FINE SANDY LOAM, 3 TO 8% SLOPES HSC: C
- Wa - WHITMAN VERY STONY FINE SANDY LOAM, 8 TO 15% SLOPES HSC: D

N/F WILHELM WOODS REALTY, LLC  
281 MAIN STREET  
DURHAM, NH 03824  
NOTTINGHAM TAX MAP 7, LOT 1A  
R.C.R.D.: BOOK 5213, PAGE 722  
BARRINGTON TAX MAP 269, LOT 3  
S.C.R.D.: BOOK 3923, PAGE 487



NOTTINGHAM  
APPROVED  
PLANNING BOARD

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DATE

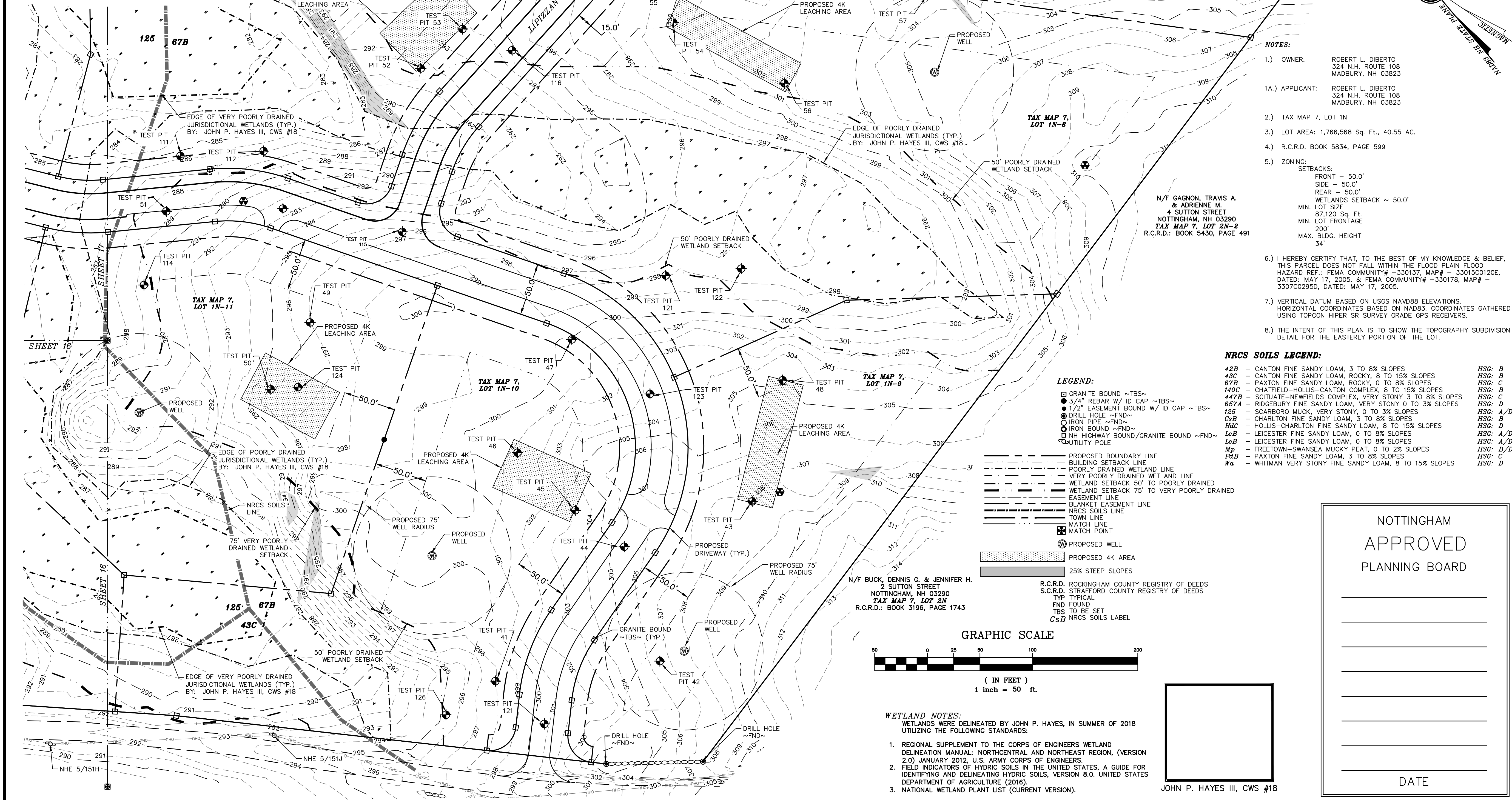
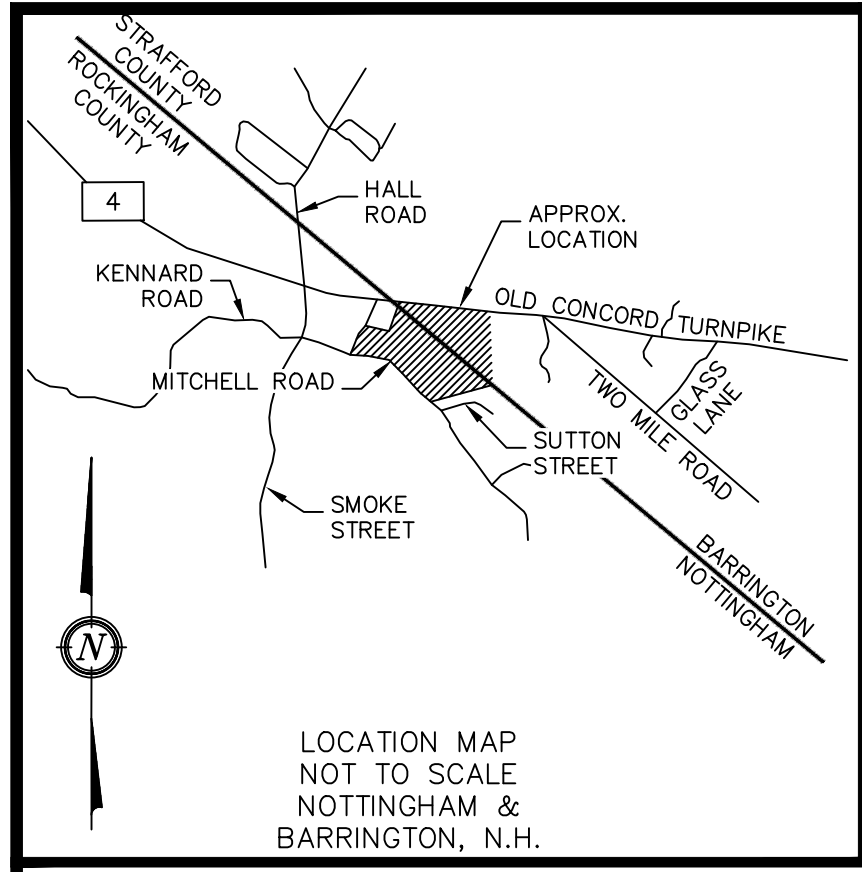
| REVISION | DATE    | DESCRIPTION                          |
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| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

TOPOGRAPHIC SUBDIVISION PLAN NORTH  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 50 FT.  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125

SIGNATURE





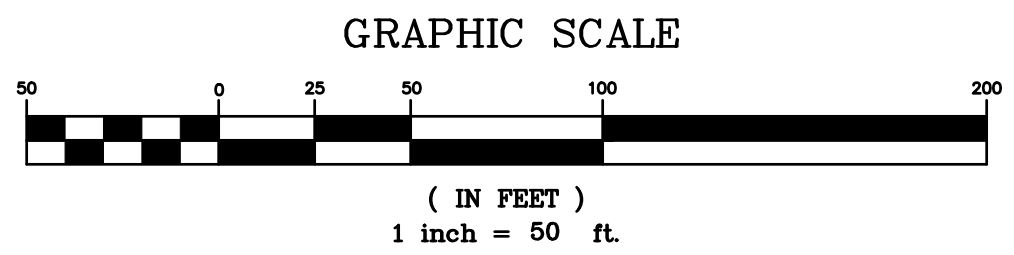
- NOTES:**
- 1.) OWNER: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
  - 1A.) APPLICANT: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
  - 2.) TAX MAP 7, LOT 1N
  - 3.) LOT AREA: 1,766,568 Sq. Ft., 40.55 AC.
  - 4.) R.C.R.D. BOOK 5834, PAGE 599
  - 5.) ZONING: SETBACKS:  
FRONT - 50.0'  
SIDE - 50.0'  
REAR - 50.0'  
WETLANDS SETBACK ~ 50.0'  
MIN. LOT SIZE  
87,120 Sq. Ft.  
MIN. LOT FRONTAGE  
200'  
MAX. BLDG. HEIGHT  
34'
  - 6.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF: FEMA COMMUNITY# - 330137, MAP# - 33015C0120E, DATED: MAY 17, 2005. & FEMA COMMUNITY# - 330178, MAP# - 3307C0295D, DATED: MAY 17, 2005.
  - 7.) VERTICAL DATUM BASED ON USGS NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.
  - 8.) THE INTENT OF THIS PLAN IS TO SHOW THE TOPOGRAPHY SUBDIVISION DETAIL FOR THE EASTERLY PORTION OF THE LOT.

N/F GAGNON, TRAVIS A. & ADRIENNE M.  
4 SUTTON STREET  
NOTTINGHAM, NH 03290  
TAX MAP 7, LOT 2N-2  
R.C.R.D.: BOOK 5430, PAGE 491

**NRCS SOILS LEGEND:**

|      |   |          |
|------|---|----------|
| 42B  | - CANTON FINE SANDY LOAM, 3 TO 8% SLOPES                | HSC: B   |
| 43C  | - CANTON FINE SANDY LOAM, ROCKY, 8 TO 15% SLOPES        | HSC: B   |
| 67B  | - PAXTON FINE SANDY LOAM, ROCKY, 0 TO 8% SLOPES         | HSC: C   |
| 140C | - CHATFIELD-HOLLIS-CANTON COMPLEX, 8 TO 15% SLOPES      | HSC: C   |
| 447B | - SCITUATE-NEWFIELDS COMPLEX, VERY STONY 3 TO 8% SLOPES | HSC: C   |
| 657A | - RIDGEBURY FINE SANDY LOAM, VERY STONY 0 TO 3% SLOPES  | HSC: D   |
| 125  | - SCARBORO MUCK, VERY STONY, 0 TO 3% SLOPES             | HSC: A/D |
| CsB  | - CHARLTON FINE SANDY LOAM, 3 TO 8% SLOPES              | HSC: B   |
| HdC  | - HOLLIS-CHARLTON FINE SANDY LOAM, 8 TO 15% SLOPES      | HSC: D   |
| LcB  | - LEICESTER FINE SANDY LOAM, 0 TO 8% SLOPES             | HSC: A/D |
| LcD  | - LEICESTER FINE SANDY LOAM, 0 TO 8% SLOPES             | HSC: A/D |
| Mp   | - FREETOWN-SWANSEA MUCKY PEAT, 0 TO 2% SLOPES           | HSC: B/D |
| PdB  | - PAXTON FINE SANDY LOAM, 3 TO 8% SLOPES                | HSC: C   |
| Wa   | - WHITMAN VERY STONY FINE SANDY LOAM, 8 TO 15% SLOPES   | HSC: D   |

- LEGEND:**
- GRANITE BOUND ~TBS~
  - 3/4" REBAR W/ ID CAP ~TBS~
  - 1/2" EASEMENT BOUND W/ ID CAP ~TBS~
  - DRILL HOLE ~FND~
  - IRON PIPE ~FND~
  - IRON BOUND ~FND~
  - NH HIGHWAY BOUND/GRANITE BOUND ~FND~
  - UTILITY POLE
  - PROPOSED BOUNDARY LINE
  - BUILDING SETBACK LINE
  - POORLY DRAINED WETLAND LINE
  - VERY POORLY DRAINED WETLAND LINE
  - WETLAND SETBACK 50' TO POORLY DRAINED
  - WETLAND SETBACK 75' TO VERY POORLY DRAINED
  - EASEMENT LINE
  - BLANKET EASEMENT LINE
  - NRCS SOILS LINE
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  - PROPOSED WELL
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  - 25% STEEP SLOPES
- R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS  
S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS  
TYPICAL  
FND FOUND  
TBS TO BE SET  
CsB NRCS SOILS LABEL



- WETLAND NOTES:**  
WETLANDS WERE DELINEATED BY JOHN P. HAYES, IN SUMMER OF 2018 UTILIZING THE FOLLOWING STANDARDS:
1. REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, (VERSION 2.0) JANUARY 2012, U.S. ARMY CORPS OF ENGINEERS.
  2. FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 8.0. UNITED STATES DEPARTMENT OF AGRICULTURE (2016).
  3. NATIONAL WETLAND PLANT LIST (CURRENT VERSION).

JOHN P. HAYES III, CWS #18

NOTTINGHAM  
APPROVED  
PLANNING BOARD

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DATE \_\_\_\_\_

| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

TOPOGRAPHIC SUBDIVISION PLAN EAST  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

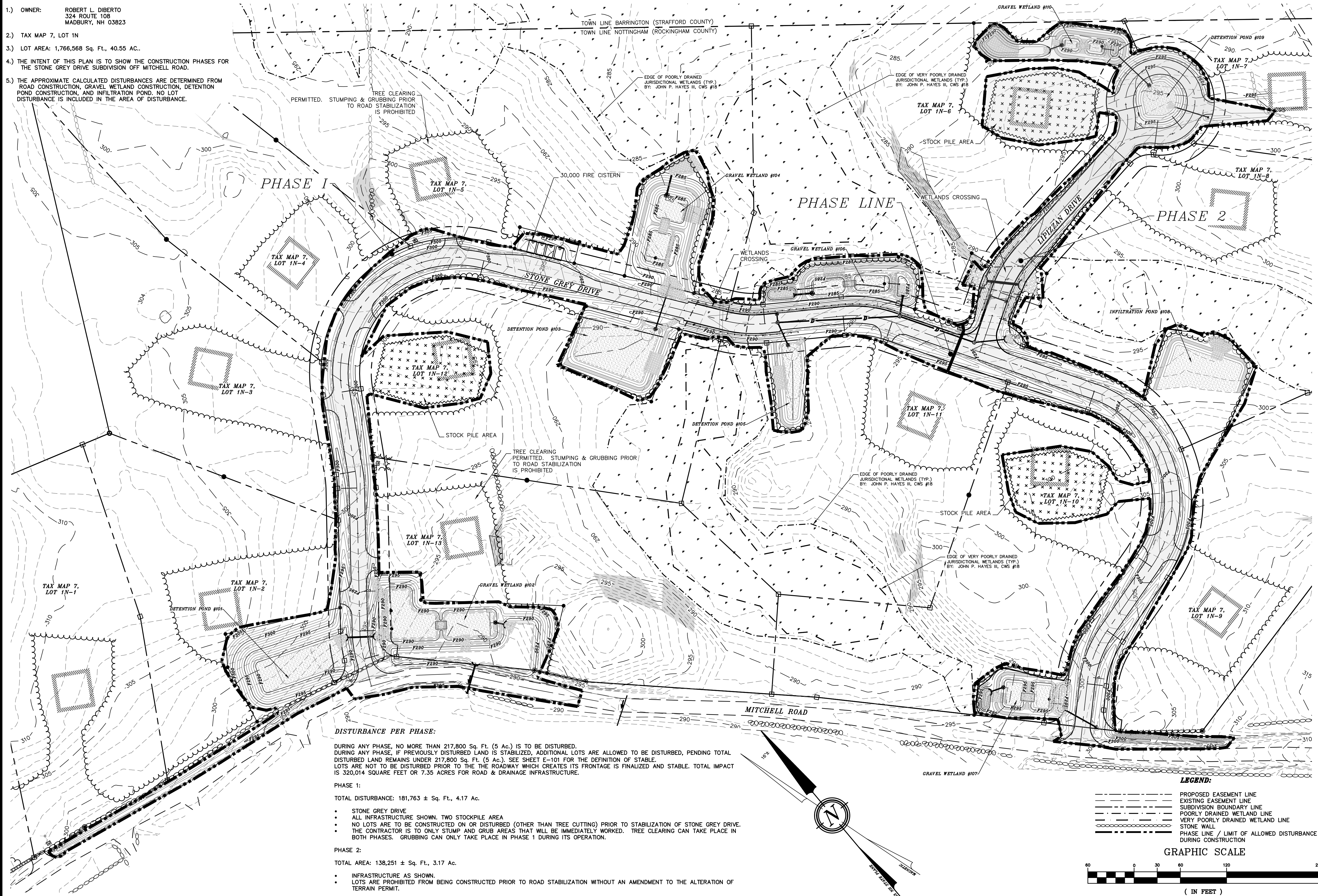
BERRY SURVEYING & ENGINEERING  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 50 FT.  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125

DATE \_\_\_\_\_



**NOTES:**

- 1.) OWNER: ROBERT L. DIBERTO  
324 ROUTE 108  
MADBURY, NH 03823
- 2.) TAX MAP 7, LOT 1N
- 3.) LOT AREA: 1,766,568 Sq. Ft., 40.55 AC.
- 4.) THE INTENT OF THIS PLAN IS TO SHOW THE CONSTRUCTION PHASES FOR THE STONE GREY DRIVE SUBDIVISION OFF MITCHELL ROAD.
- 5.) THE APPROXIMATE CALCULATED DISTURBANCES ARE DETERMINED FROM ROAD CONSTRUCTION, GRAVEL WETLAND CONSTRUCTION, DETENTION POND CONSTRUCTION, AND INFILTRATION POND. NO LOT DISTURBANCE IS INCLUDED IN THE AREA OF DISTURBANCE.



**DISTURBANCE PER PHASE:**  
 DURING ANY PHASE, NO MORE THAN 217,800 Sq. Ft. (5 Ac.) IS TO BE DISTURBED.  
 DURING ANY PHASE, IF PREVIOUSLY DISTURBED LAND IS STABILIZED, ADDITIONAL LOTS ARE ALLOWED TO BE DISTURBED, PENDING TOTAL DISTURBED LAND REMAINS UNDER 217,800 Sq. Ft. (5 Ac.). SEE SHEET E-101 FOR THE DEFINITION OF STABLE.  
 LOTS ARE NOT TO BE DISTURBED PRIOR TO THE THE ROADWAY WHICH CREATES ITS FRONTAGE IS FINALIZED AND STABLE. TOTAL IMPACT IS 320,014 SQUARE FEET OR 7.35 ACRES FOR ROAD & DRAINAGE INFRASTRUCTURE.

- PHASE 1:**  
 TOTAL DISTURBANCE: 181,763 ± Sq. Ft., 4.17 Ac.
- STONE GREY DRIVE
  - ALL INFRASTRUCTURE SHOWN. TWO STOCKPILE AREA
  - NO LOTS ARE TO BE CONSTRUCTED ON OR DISTURBED (OTHER THAN TREE CUTTING) PRIOR TO STABILIZATION OF STONE GREY DRIVE.
  - THE CONTRACTOR IS TO ONLY STUMP AND GRUB AREAS THAT WILL BE IMMEDIATELY WORKED. TREE CLEARING CAN TAKE PLACE IN BOTH PHASES. GRUBBING CAN ONLY TAKE PLACE IN PHASE 1 DURING ITS OPERATION.
- PHASE 2:**  
 TOTAL AREA: 138,251 ± Sq. Ft., 3.17 Ac.
- INFRASTRUCTURE AS SHOWN.
  - LOTS ARE PROHIBITED FROM BEING CONSTRUCTED PRIOR TO ROAD STABILIZATION WITHOUT AN AMENDMENT TO THE ALTERATION OF TERRAIN PERMIT.

**LEGEND:**

- PROPOSED EASEMENT LINE
- - - EXISTING EASEMENT LINE
- SUBDIVISION BOUNDARY LINE
- POORLY DRAINED WETLAND LINE
- VERY POORLY DRAINED WETLAND LINE
- STONE WALL
- PHASE LINE / LIMIT OF ALLOWED DISTURBANCE DURING CONSTRUCTION

**GRAPHIC SCALE**  
 ( IN FEET )  
 1 inch = 60 ft.

| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

CONSTRUCTION PHASING PLAN  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N

**BERRY SURVEYING & ENGINEERING**  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 SCALE : 1 IN. EQUALS 60 FT.  
 DATE : MARCH 16, 2020  
 FILE NO. : DB 2018 - 125

SHEET 19 OF 49



**STANDARD CONSTRUCTION NOTES:**

- OWNER & APPLICANT: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
- TAX MAP 7, LOT 1N
- LOT AREA: 1,766,568 Sq. Ft., 40.55 Ac.
- R.C.D.: BOOK 5834, PAGE 599
- THE INTENT OF THIS PLAN IS TO PROVIDE OVERVIEW GRADING AND ENGINEERING DETAILS OF STONE GREY DRIVE, LIPIZZAN DRIVE, AND TAX MAP 7, LOT 1N.
- EXISTING CONDITIONS INFORMATION IS BASED ON A SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING AND IS ENCLOSED IN THIS PACKAGE.
- ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN OF NOTTINGHAM SUBDIVISION REGULATIONS AND THE LATEST EDITION OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.
- AS-BUILT PLANS OF THE SITE SHALL BE SUBMITTED ON A REPRODUCIBLE MYLAR MEDIUM AND IN A DIGITAL DXF FORMAT ON DISK TO THE TOWN OF NOTTINGHAM UPON COMPLETION OF PROJECT. AS-BUILT PLANS SHALL BE PREPARED AND CERTIFIED CORRECT BY A L.L.S. OR P.E.
- TOPOGRAPHIC SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING IN THE SUMMER OF 2018.
- DATUM: PROJECT DATUM IS BASED ON GPS COORDINATES ESTABLISHED WITH A TOPCON HIPER SR RECEIVER IN THE SUMMER OF 2018 AND REPRESENTED IN NEW HAMPSHIRE STATE PLANE COORDINATES NAD 1983 AND VERTICALLY BY NAVD 1988.
- UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVE AND BELOW GROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ANY UTILITY CONFLICTS SHOULD BE REPORTED IMMEDIATELY TO THE DESIGN ENGINEER.
- THE CONTRACTOR SHALL CALL AND COORDINATE WITH DIGSAFE 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY.
- SEE DETAILS CONCERNING SITE LAYOUT, DRAINAGE, UTILITY AND SEDIMENT AND EROSION CONTROLS.
- SEE SEDIMENT & EROSION CONTROL PLAN FOR INLET PROTECTION AND CONTROLS FOR THE ENTIRE SITE.
- REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE OF THE SITE'S SURFACE AREA AND SHALL BE MAINTAINED THROUGHOUT THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP AND EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE TOWN.
- THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.
- 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 EXPENSE.
- CONTRACTOR SHALL TAKE SPECIAL CARE IN NOT DISTURBING EXISTING MONUMENTS BOUNDS, AND OR BENCHMARKS WITHOUT FIRST MAKING PROVISIONS FOR RELOCATION.
- WHERE AN EXISTING UNDERGROUND UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
- FINAL UTILITY LOCATIONS TO BE COORDINATED BETWEEN THE CONTRACTOR, ALL APPROPRIATE UTILITY COMPANIES AND THE TOWN OF NOTTINGHAM.
- CONTRACTOR SHALL COORDINATE ALL ELECTRICAL INSTALLATIONS WITH EVERSOURCE AT (603)-436-7708. ALL ELECTRIC CONDUIT INSTALLATION SHALL BE INSPECTED BY EVERSOURCE PRIOR TO BACKFILL. A 48-HOUR MINIMUM NOTICE IS REQUIRED.
- CONTRACTOR SHALL COORDINATE ALL CABLE AND TELECOMMUNICATIONS INSTALLATIONS WITH COMCAST.
- ALL NEW ON-SITE UTILITIES SHALL BE INSTALLED UNDERGROUND.
- THE SUBDIVISION WILL BE SERVED BY ONSITE WELL AND SEPTIC SYSTEMS.
- THE TERM "PROPOSED" (PROP.) MEANS WORK TO BE CONSTRUCTED USING NEW MATERIALS, OR, WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS "REMOVE & RESET" (R & R).
- ALL SYMBOLS, WORDS, TRANSVERSE MARKINGS (STOP BARS, CROSSWALK LINES, AND RAILROAD SYMBOLS), LANE LINES, AND ALL OTHER MARKINGS NOTED WITH [T] SHALL BE THERMOPLASTIC
- ALL DISTURBED AREAS NOT DESIGNATED TO BE PAVED SHALL HAVE LOAM PLACED AND SEEDED. THE LOAM SHALL HAVE A MINIMUM DEPTH OF 4 INCHES AND SHALL BE PLACED FLUSH WITH THE TOP OF THE ADJACENT CURB, EDGING, BERM OR PAVEMENT SURFACE.

**STANDARD CONSTRUCTION NOTES CONT.:**

- PROTECTION OF SUBGRADE: THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN STABLE, DE-WATERED SUBGRADES, TRENCHES, AND OTHER AREAS DURING CONSTRUCTION. SUBGRADE DISTURBANCE MAY BE INFLUENCED BY EXCAVATION METHODS, MOISTURE, PRECIPITATION, GROUNDWATER CONTROL, AND CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PREVENT SUBGRADE DISTURBANCE. SUCH PRECAUTIONS MAY INCLUDE DIVERTING STORMWATER RUNOFF AWAY FROM CONSTRUCTION AREAS, REDUCING TRAFFIC IN SENSITIVE AREAS, AND MAINTAINING AN EFFECTIVE DEWATERING PROGRAM. SOILS EXHIBITING HEAVING OR INSTABILITY SHALL BE OVER EXCAVATED TO MORE COMPETENT BEARING SOIL AND REPLACED WITH FREE DRAINING STRUCTURAL FILL MEETING THE ENGINEERS SPECIFIC RECOMMENDED CRITERIA.
- IF THE EARTHWORK IS PERFORMED DURING FREEZING WEATHER (NOT ALLOWED IN TOWN R.O.W.), EXPOSED SUBGRADES ARE SUSCEPTIBLE TO FROST. NO FILL OR UTILITIES SHALL BE PLACED ON FROZEN GROUND. THIS WILL LIKELY REQUIRE REMOVAL OF A FROZEN SOIL CRUST AT THE COMMENCEMENT OF EACH DAY'S OPERATION. THE FINAL SUBGRADE ELEVATION WOULD ALSO REQUIRE AN APPROPRIATE DEGREE OF INSULATION AGAINST FREEZING.
- PLACEMENT OF BORROW MATERIALS SHALL BE PERFORMED IN A MANNER THAT PREVENTS LONG TERM DIFFERENTIAL SETTLEMENT. EXCESSIVELY WET MATERIALS SHALL BE STOCKPILED AND ALLOWED TO DRAIN BEFORE PLACEMENT. FROZEN MATERIAL SHALL NOT BE USED FOR CONSTRUCTION. VOIDS BETWEEN STONES AND CLUMPS OF MATERIAL SHALL BE FILLED WITH FINE MATERIALS.
- BERMS ARE TO BE CONSTRUCTED WITH HIGH QUALITY CLAY MATERIAL AND COMPACTED APPROPRIATELY. NO FROZEN MATERIALS ARE TO BE USED IN THE CONSTRUCTION OF ANY BERM ON SITE. TO BE REVIEWED AND APPROVED BY THE TOWN OF NOTTINGHAM OR THEIR AGENTS.
- NOTE THAT THE PROJECT IS SUBJECT TO THE EPA NPDES PHASE II. THE NOTICE OF INTENT (NOI) MUST BE FILED AFTER COMPLETION OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP). WEEKLY INSPECTIONS WILL BE CONDUCTED BY THE DESIGN ENGINEER AND AFTER A STORM EVENT GREATER THAN 0.25".
- ALL ELEVATIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE DESIGN ENGINEER IS TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY. TEMPORARY BENCHMARKS (T.B.M.) ARE TO BE PROVIDED BY THE DESIGN ENGINEER.
- ALL DRAINAGE PIPE IS TO BE HOPE N-12 ASTM F2648. (GREEN PIPE) INDIVIDUAL PIPE SIZES ARE SPECIFIED.

**STANDARD CONSTRUCTION NOTES CONT.:**

- UPON FINAL COMPLETION AND BSE STABILIZATION THE DRAINAGE SYSTEM IS TO BE CLEANED OF ALL DEBRIS TO INCLUDE THE PUMPING OF THE BASIN SUMPS.
- ALL BASINS AND DRAINS ARE TO HAVE BOOTS INSTALLED ON ALL INLETS AND OUTLETS.
- ALL PROPOSED CLEAN OUTS ARE TO BE VERTICAL 12" N-12 PIPE WITH CAST IRON COVERS SCREWED WITH STAINLESS SCREWS. THE COVER IS TO BE DEMARCATED WITH A "D".
- ALL TREATMENT SWALE TO BE CONSTRUCTED SHALL HAVE 500 BOTTOMS UNLESS OTHERWISE INSTRUCTED BY THE DESIGN ENGINEER DURING CONSTRUCTION.
- A LETTER OF CREDIT FOR THE COST OF RE-VEGETATING ALL DISTURBED AREAS ON THE SITE SHALL BE SUBMITTED PRIOR TO ANY EARTH DISTURBING ACTIVITY OCCURS, AS MAY BE APPLICABLE.
- A PRE-CONSTRUCTION CONFERENCE WITH THE DEVELOPER, THE DESIGN ENGINEER, THE EARTHWORK CONTRACTOR AND NOTTINGHAM TOWN STAFF SHALL OCCUR PRIOR TO ANY EARTH DISTURBING ACTIVITY.
- BUILDING ADDRESSES SHALL BE DETERMINED BY THE BUILDING OFFICIAL.
- IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE CONTRACTOR SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE TOWN.

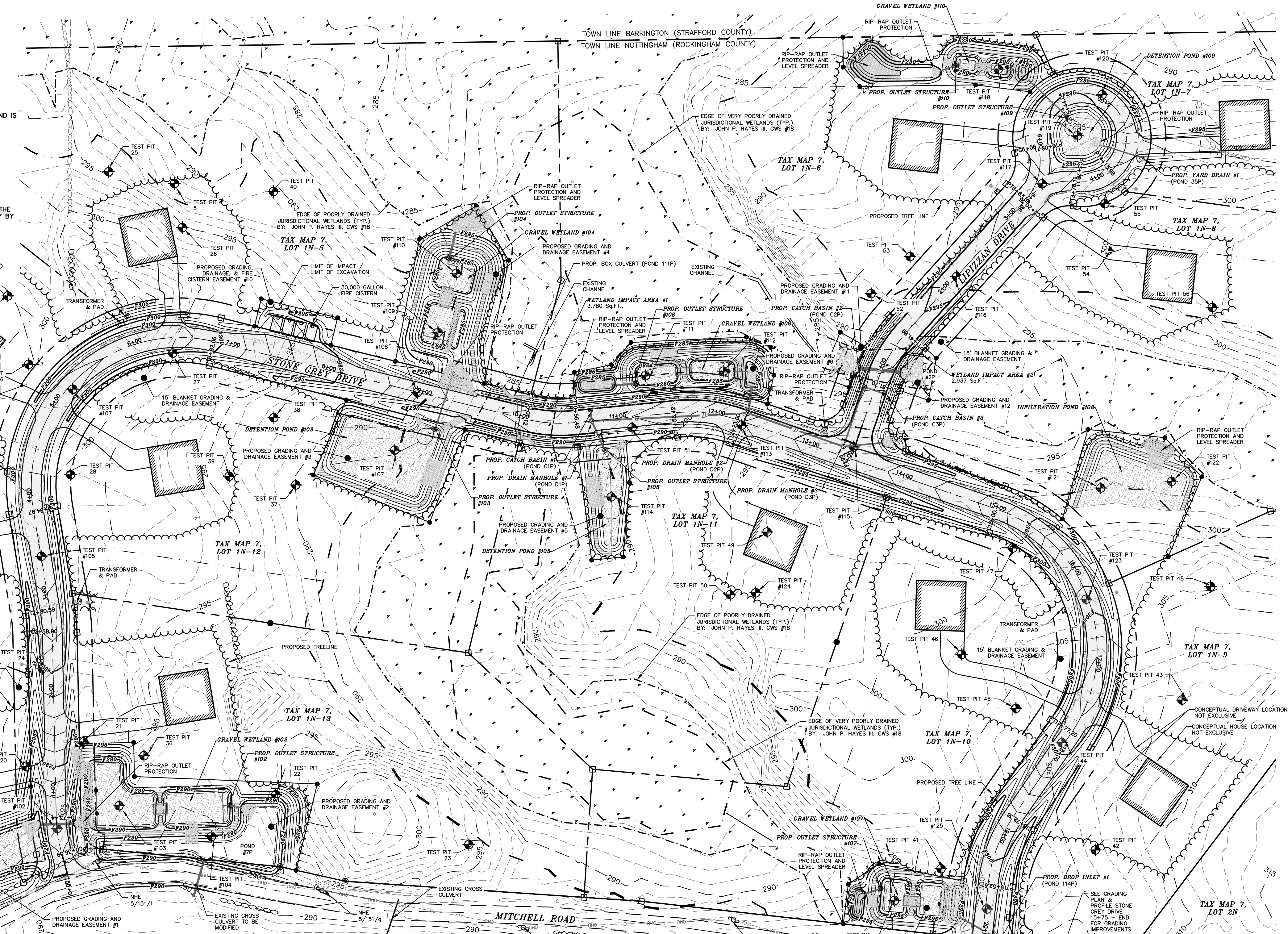
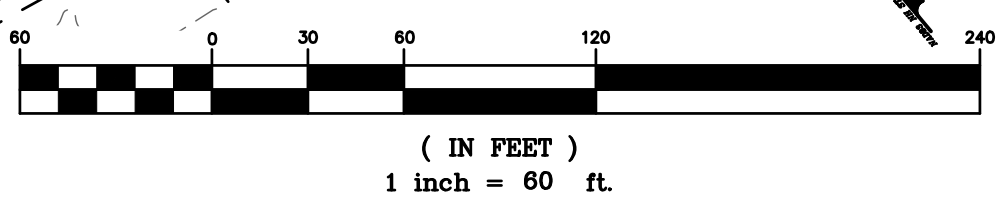
**STANDARD CONSTRUCTION NOTES CONT.:**

- THE FOLLOWING FEDERAL AND STATE PERMITS HAVE BEEN ISSUED FOR THE SUBJECT PROPERTY:  
NHDES SUBDIVISION PERMIT: (PENDING)  
NHDES WETLANDS IMPACT PERMIT: (PENDING)  
NHDES ALTERATION OF TERRAIN PERMIT: (PENDING)  
CONDITIONAL USE PERMIT: (PENDING)  
EPA NOTICE OF INTENT (NOI): (PENDING)  
NATURAL HERITAGE BUREAU: (PENDING)  
DIVISION OF HISTORICAL RESOURCES: (PENDING)
- WRITTEN DIMENSION ON THIS PLAN TAKE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL USE CAUTION WHEN SCALING REPRODUCED PLANS. IN THE EVENT OF A CONFLICT BETWEEN THIS PLAN SET AND ANY OTHER DRAWINGS AND/OR SPECIFICATIONS, THE ENGINEER SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE CONTRACTOR IS TO CONFIRM ALL ELEVATIONS. CONFLICTS WILL BE REPORTED TO THE DESIGN ENGINEER PRIOR TO CONSTRUCTION.
- ALL HOUSES AND DRIVEWAY LOCATIONS SHOWN ARE FOR CONCEPTUAL PURPOSES ONLY AND ARE NOT EXCLUSIVE LOCATIONS.

**STANDARD CONSTRUCTION NOTES CONT.:**

- DRIVEWAYS WILL REQUIRE A MINIMUM 15" DIAMETER CULVERT WITH MINIMUM OF 1' OF COVER FOR LOT ACCESS.
- THE CONSTRUCTION OF STONE GREY DRIVE, LIPIZZAN DRIVE, AND STORMWATER BMP'S PROPOSES APPROXIMATELY 300,000 SQ. FT. OF DISTURBANCE. PER ENV-WO 1503.12 (B) AN ALTERATION OF TERRAIN PERMIT IS REQUIRED.
- THIS SUBDIVISION WILL BE CONSTRUCTED IN TWO PHASES. SEE CONSTRUCTION PHASING PLAN.
- LOTS WITH FRONTAGE ALONG STONE GREY DRIVE AND LIPIZZAN DRIVE ARE SUBJECTED TO A BLANKET GRADING & DRAINAGE EASEMENT 15' FROM THE R.O.W.

GRAPHIC SCALE



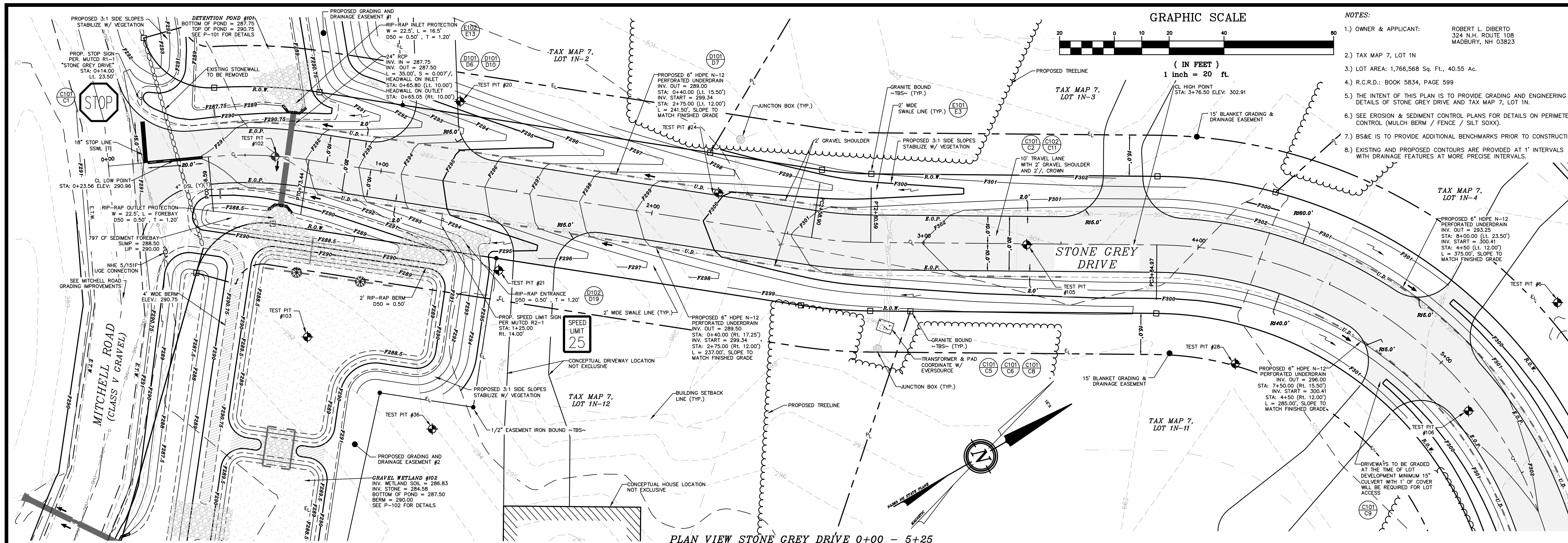
| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

OVERVIEW GRADING PLAN  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 60 FT.  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125

SHEET 20 OF 49



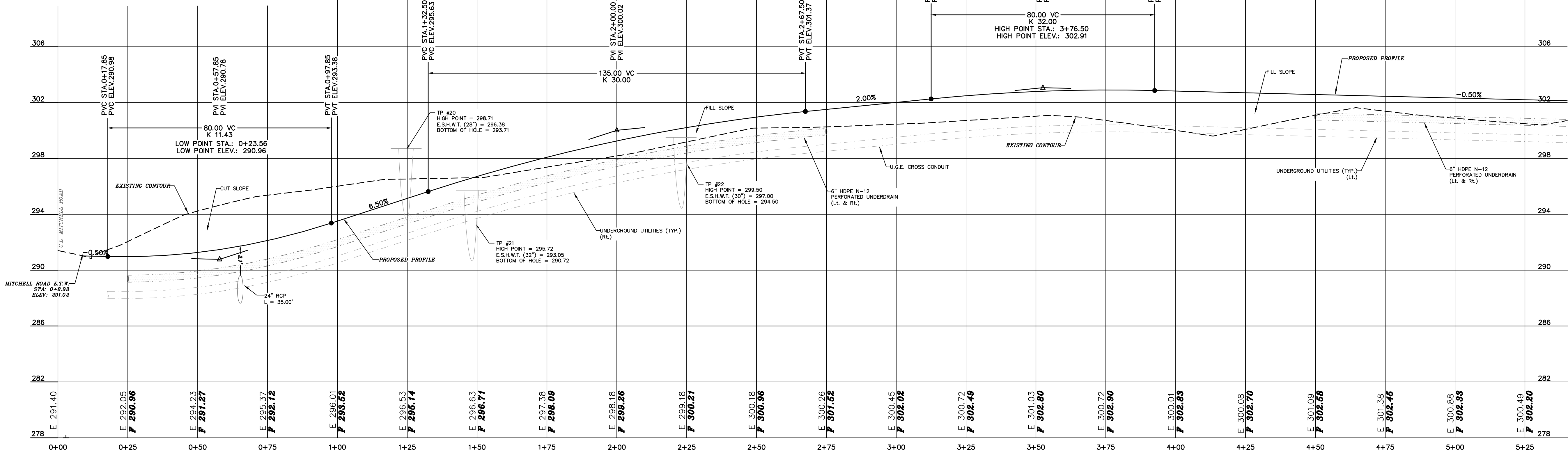
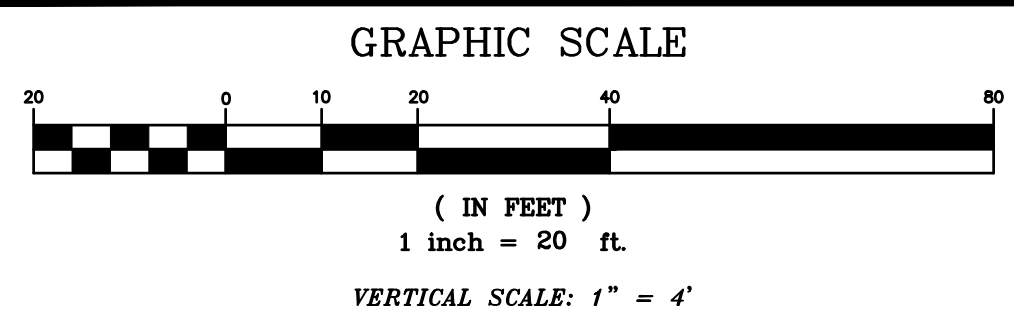


PLAN VIEW STONE GREY DRIVE 0+00 - 5+25

- NOTES:
- OWNER & APPLICANT: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
  - TAX MAP 7, LOT 1N
  - LOT AREA: 1,766,568 Sq. Ft., 40.55 Ac.
  - R.C.R.D.: BOOK 5834, PAGE 599
  - THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAILS OF STONE GREY DRIVE AND TAX MAP 7, LOT 1N.
  - SEE EROSION & SEDIMENT CONTROL PLANS FOR PERIMETER CONTROL (MULCH BERM / FENCE / SILT SOX).
  - BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
  - EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.

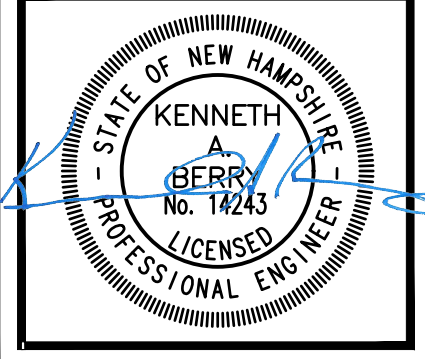
| #1 | REVISION | DATE    | DESCRIPTION |
|----|----------|---------|-------------|
|    |          | 4-29-20 |             |

GRADING PLAN & PROFILE STONE GREY DRIVE 0+00 - 5+25  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N



PROFILE VIEW STONE GREY DRIVE 0+00 - 5+25

**BERRY SURVEYING & ENGINEERING**  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 SCALE: 1 IN. EQUALS 20 FT.  
 DATE: MARCH 16, 2020  
 FILE NO.: DB 2018 - 125

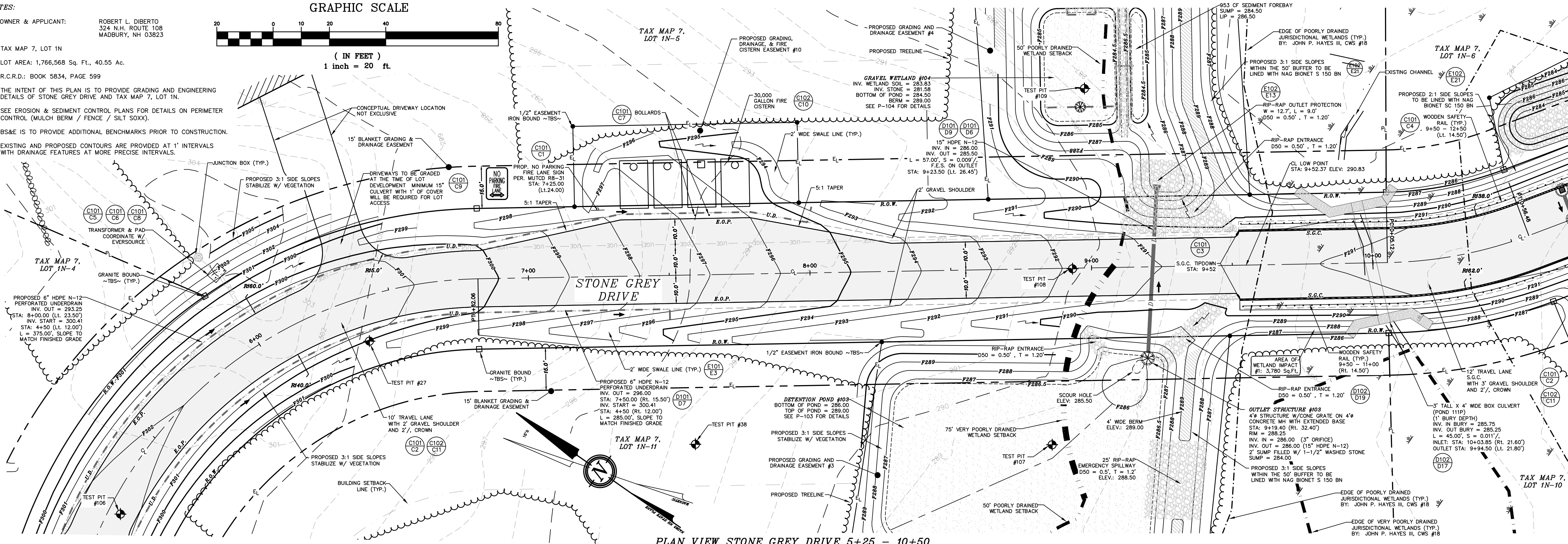
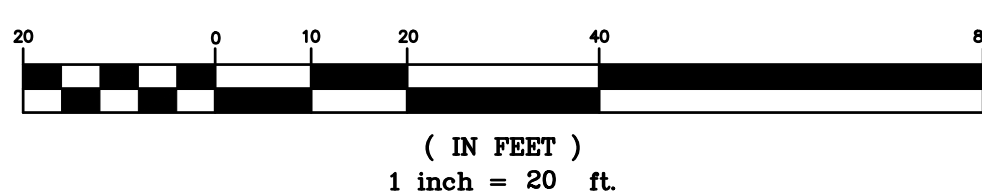




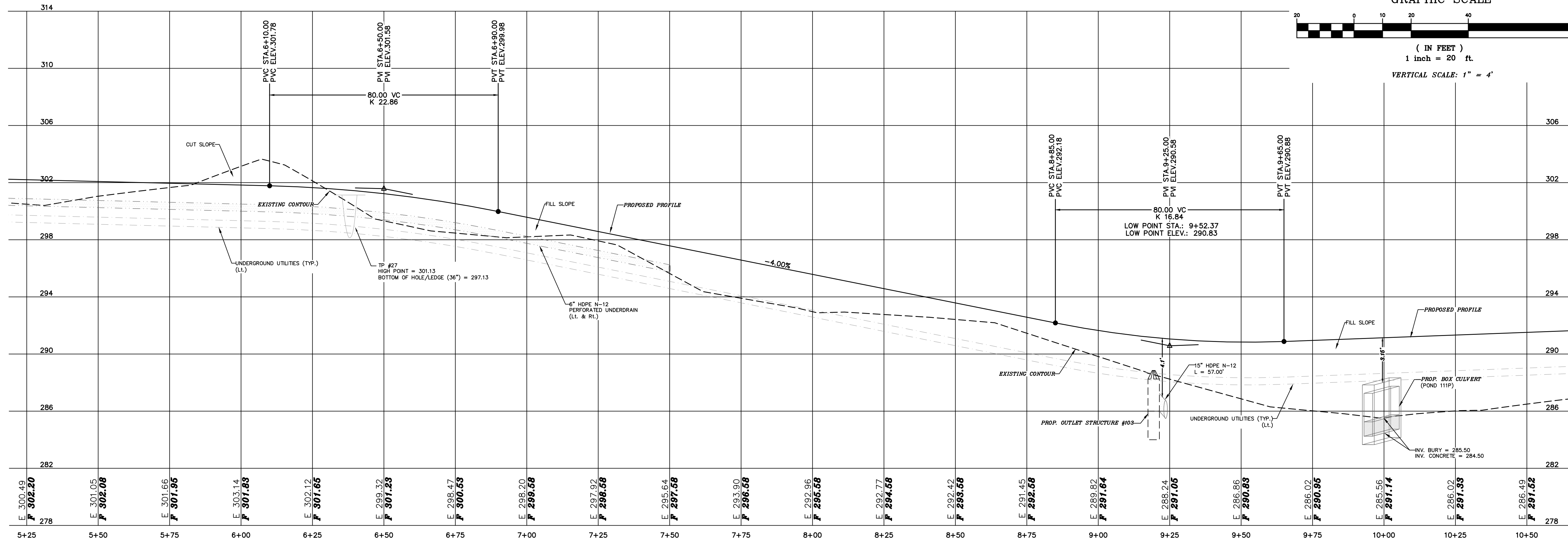
**NOTES:**

- OWNER & APPLICANT: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
- TAX MAP 7, LOT 1N
- LOT AREA: 1,766,568 Sq. Ft., 40.55 Ac.
- R.C.R.D.: BOOK 5834, PAGE 599
- THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAILS OF STONE GREY DRIVE AND TAX MAP 7, LOT 1N.
- SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MULCH BERM / FENCE / SILT SOCK).
- BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
- EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.

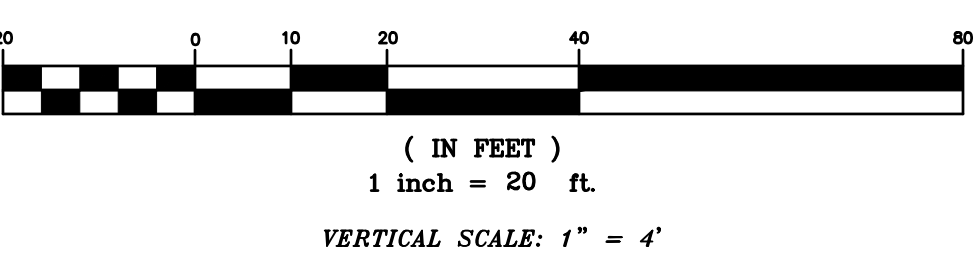
**GRAPHIC SCALE**



**PLAN VIEW STONE GREY DRIVE 5+25 - 10+50**  
**PROFILE VIEW STONE GREY DRIVE 5+25 - 10+50**



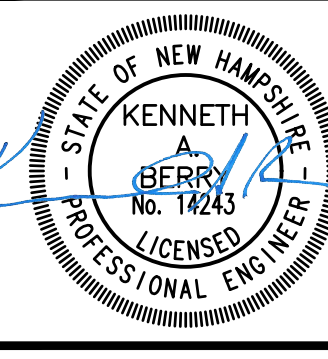
**GRAPHIC SCALE**



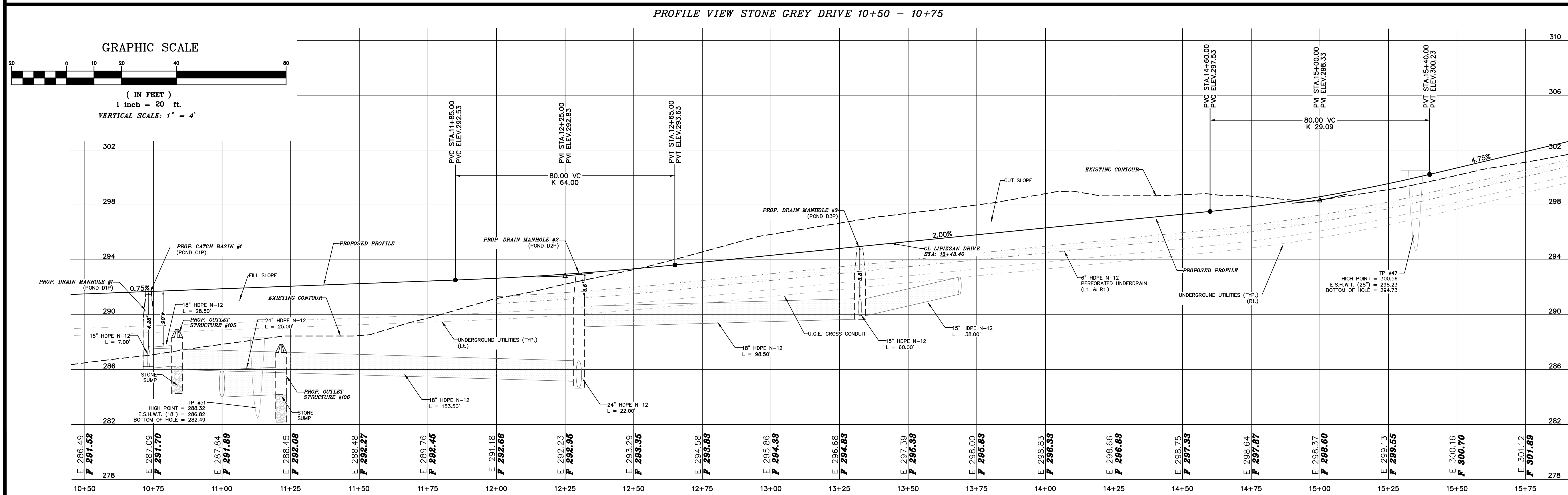
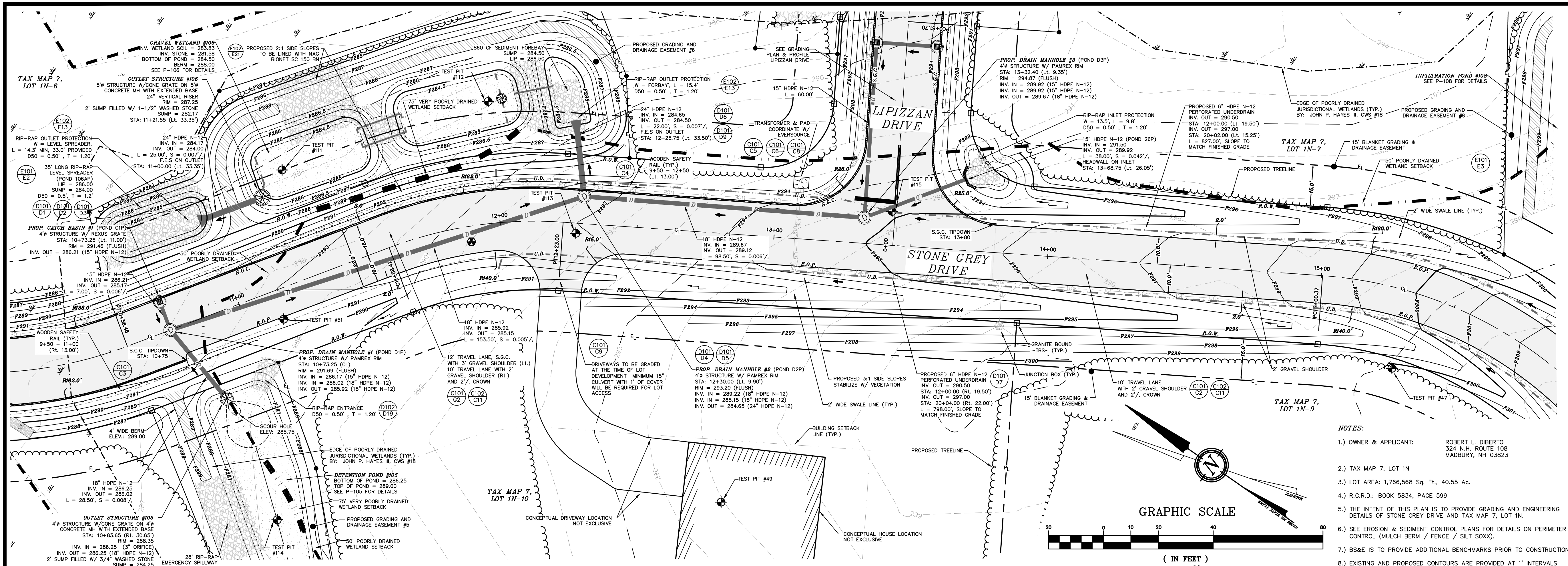
| #1 | REVISION | DATE | DESCRIPTION                          |
|----|----------|------|--------------------------------------|
|    | 4-29-20  |      | REVISED PER NOTTINGHAM STAFF COMMENT |

GRADING PLAN & PROFILE STONE GREY DRIVE 5+25 - 10+50  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

**BERRY SURVEYING & ENGINEERING**  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 20 FT.  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125







| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

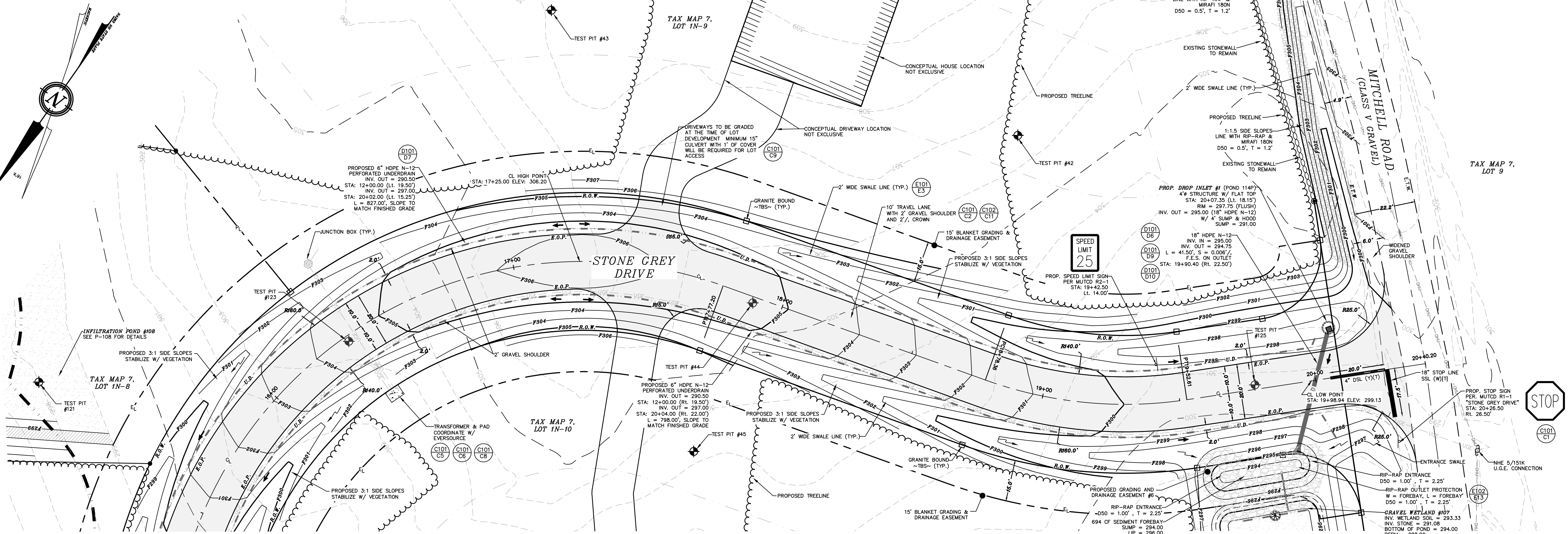
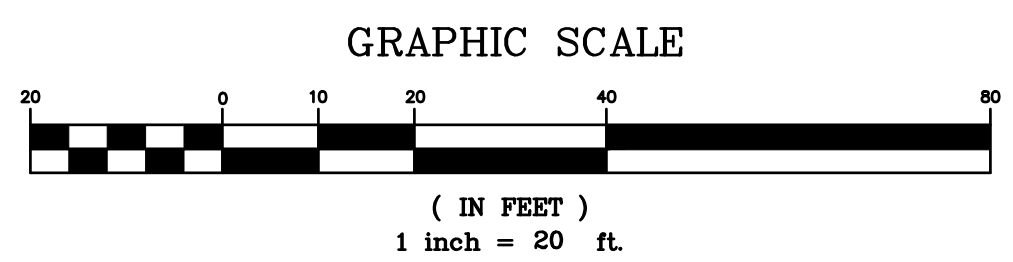
GRADING PLAN & PROFILE STONE GREY DRIVE 10+50 - 15+75  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N

**BERRY SURVEYING & ENGINEERING**  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 SCALE: 1 IN. EQUALS 20 FT.  
 DATE: MARCH 16, 2020  
 FILE NO.: DB 2018 - 125

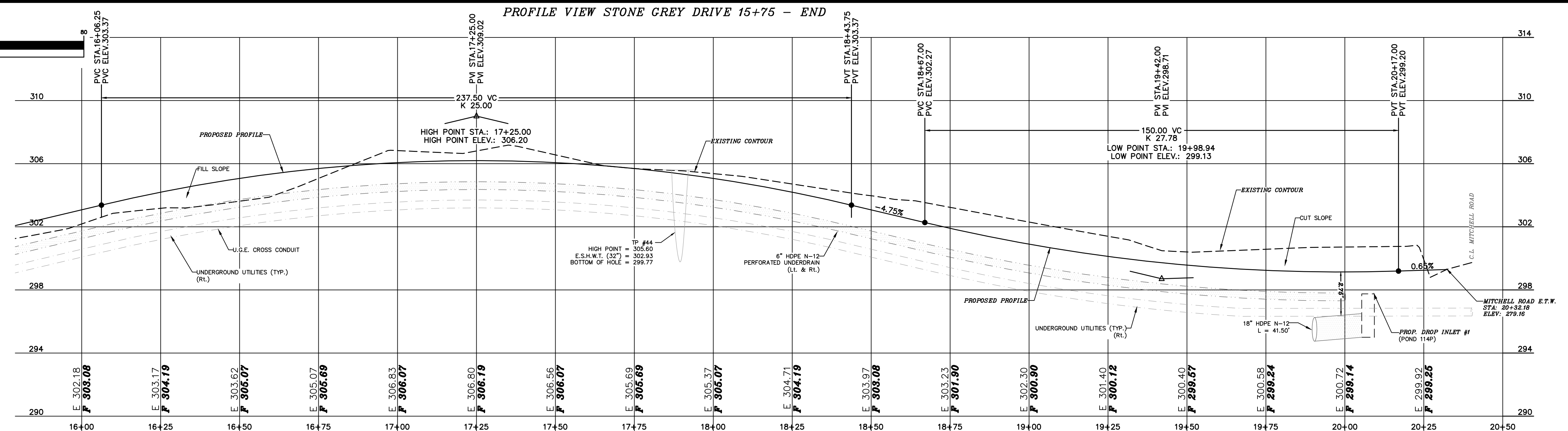
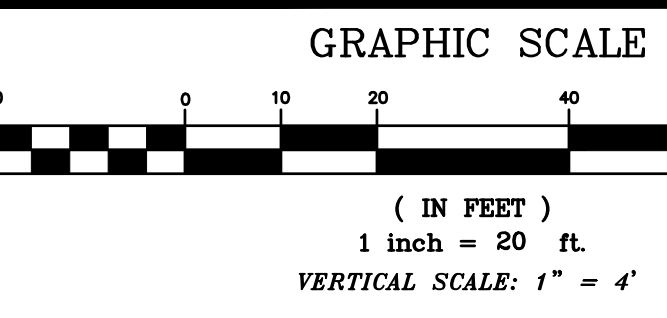
KENNETH A. BERRY  
 LICENSED PROFESSIONAL ENGINEER  
 NO. 18243



- NOTES:**
- OWNER & APPLICANT: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
  - TAX MAP 7, LOT 1N
  - LOT AREA: 1,766,568 Sq. Ft., 40.55 Ac.
  - R.C.R.D.: BOOK 5834, PAGE 599
  - THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAILS OF STONE GREY DRIVE AND TAX MAP 7, LOT 1N.
  - SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MULCH BERM / FENCE / SILT SOXX).
  - BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
  - EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.



PLAN VIEW STONE GREY DRIVE 15+75 - END

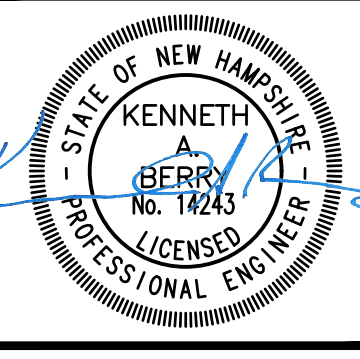


PROFILE VIEW STONE GREY DRIVE 15+75 - END

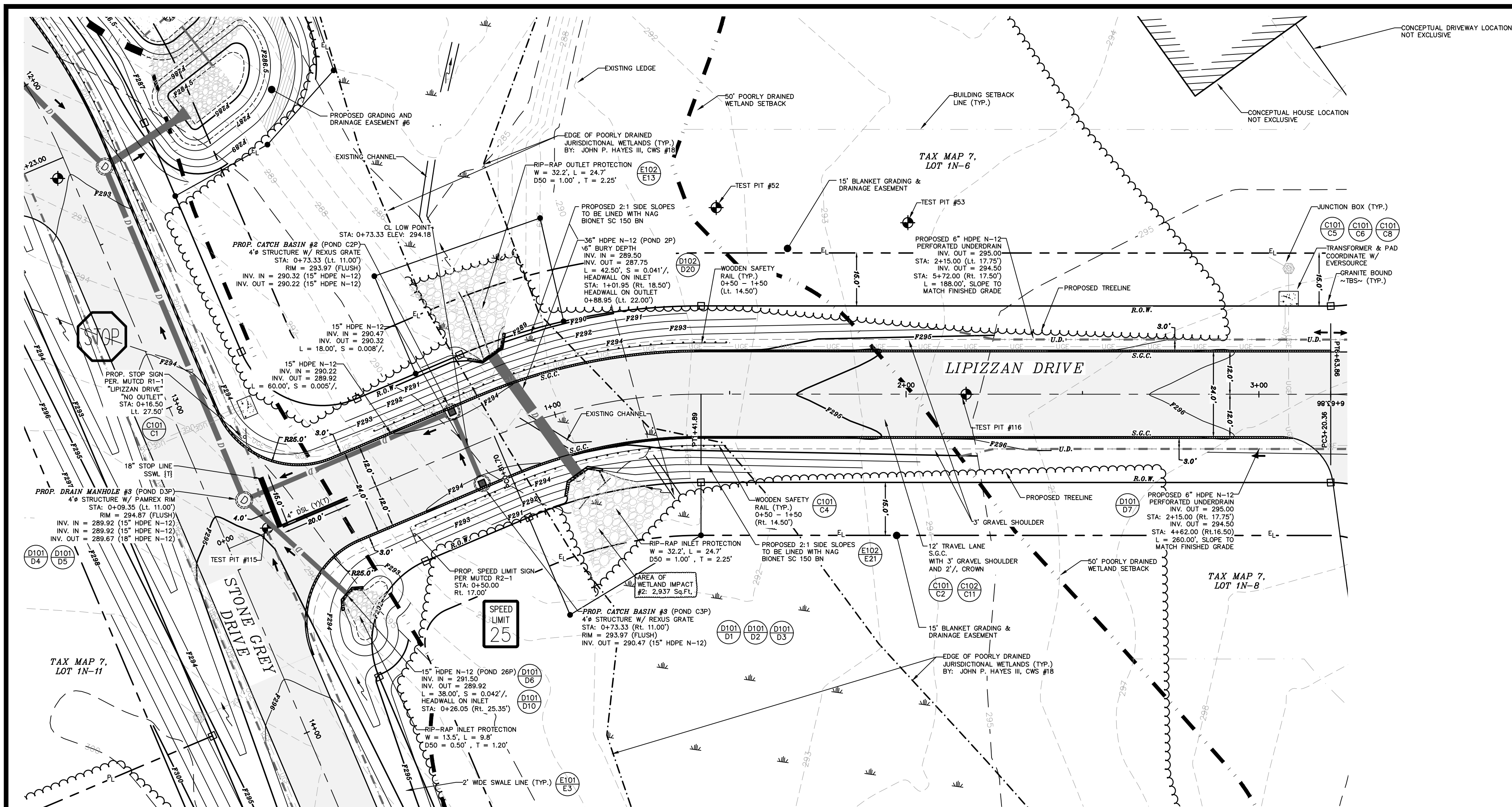
| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

GRADING PLAN & PROFILE STONE GREY DRIVE 15+75 - END  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 SCALE: 1 IN. EQUALS 20 FT.  
 DATE: MARCH 16, 2020  
 FILE NO.: DB 2018 - 125

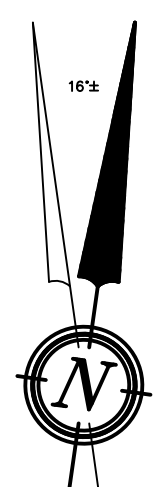
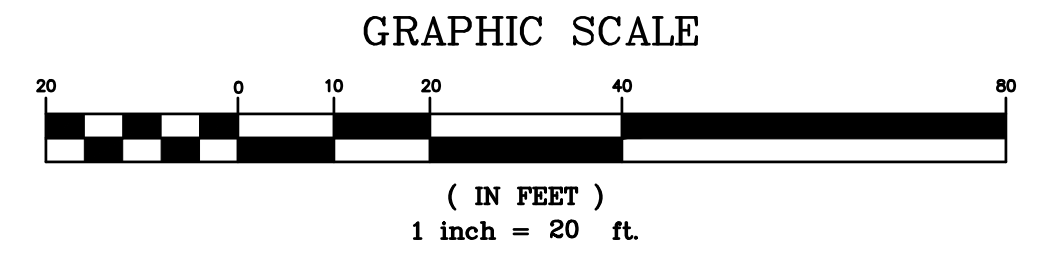






PLAN VIEW LIPIZZAN DRIVE 0+00 - 3+25  
 PROFILE VIEW LIPIZZAN DRIVE 0+00 - 3+25

- NOTES:**
- 1.) OWNER & APPLICANT: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
  - 2.) TAX MAP 7, LOT 1N
  - 3.) LOT AREA: 1,766,568 Sq. Ft., 40.55 Ac.
  - 4.) R.C.R.D.: BOOK 5834, PAGE 599
  - 5.) THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAILS OF LIPIZZAN DRIVE AND TAX MAP 7, LOT 1N.
  - 6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MULCH BERM / FENCE / SILT SOXX).
  - 7.) BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
  - 8.) EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.



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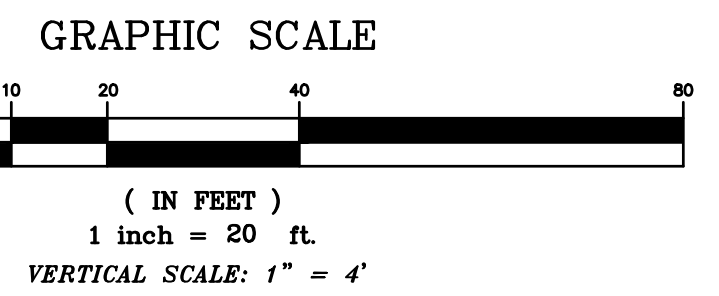
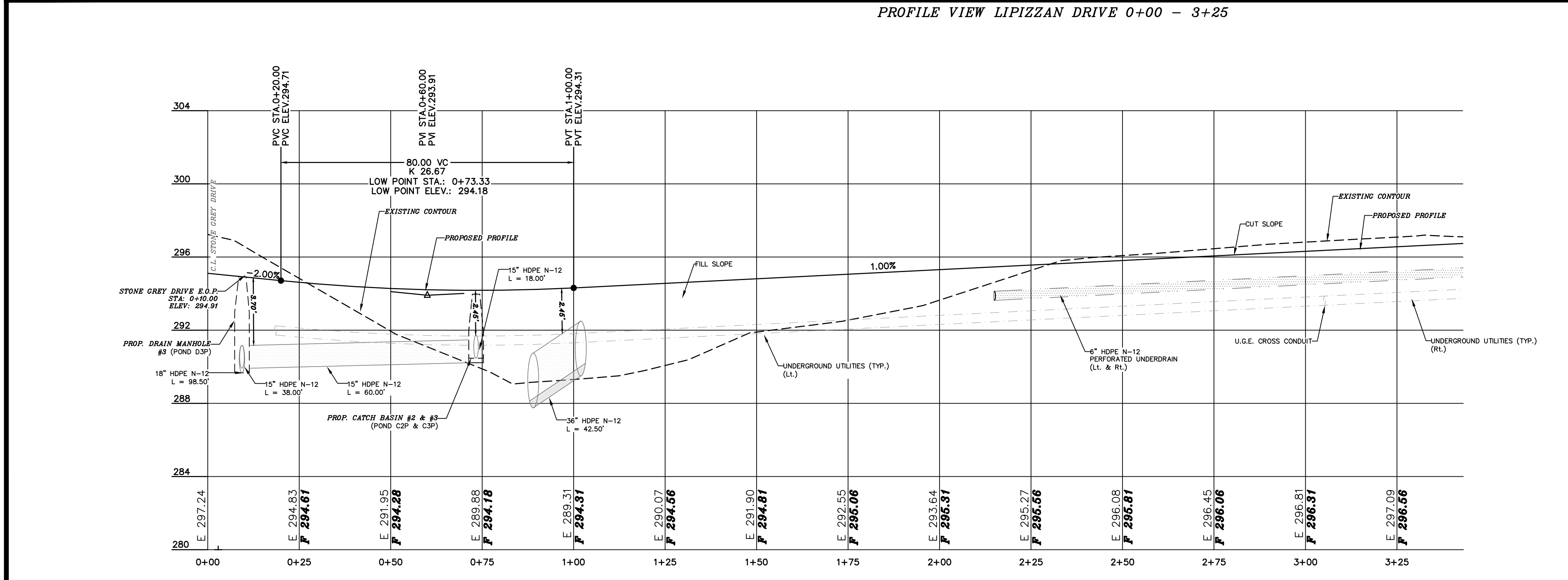
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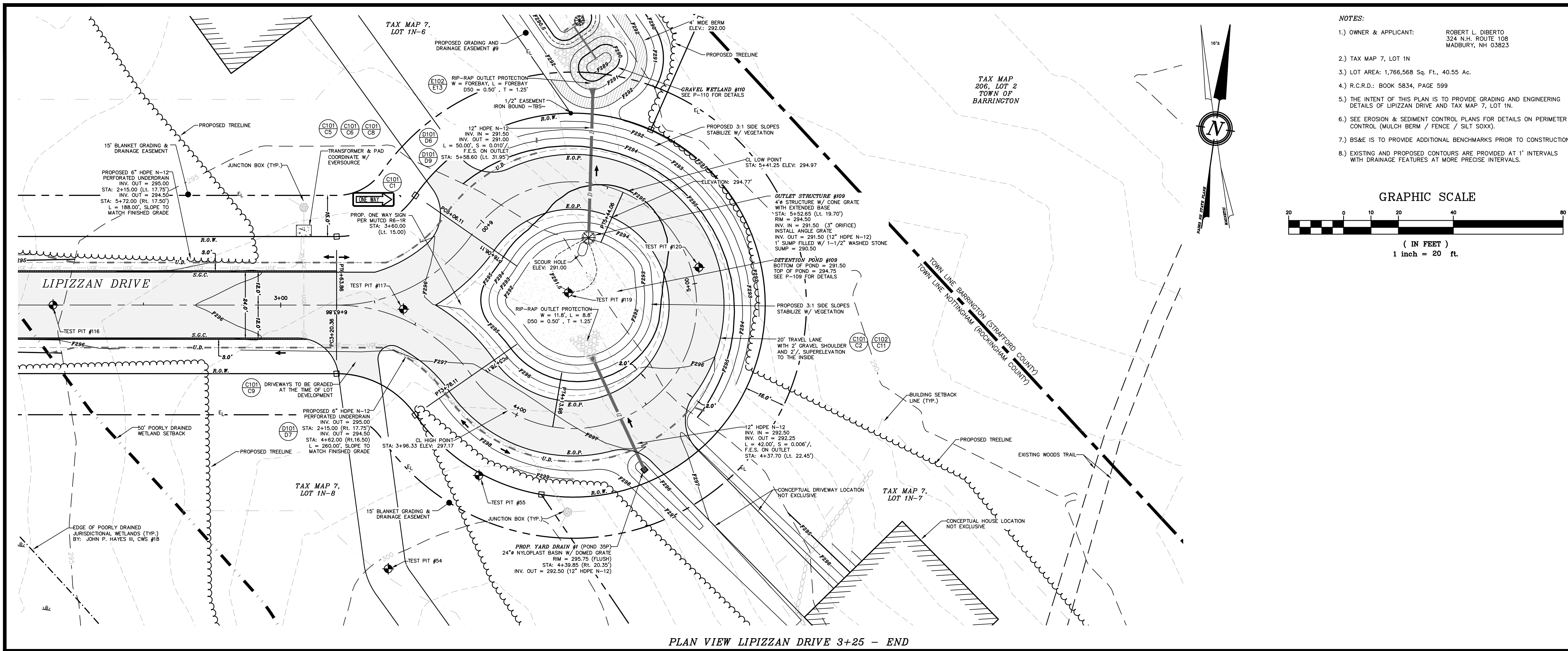


| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

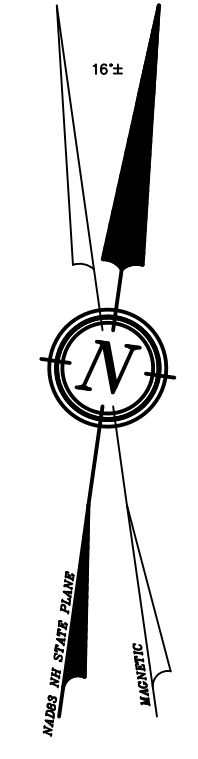
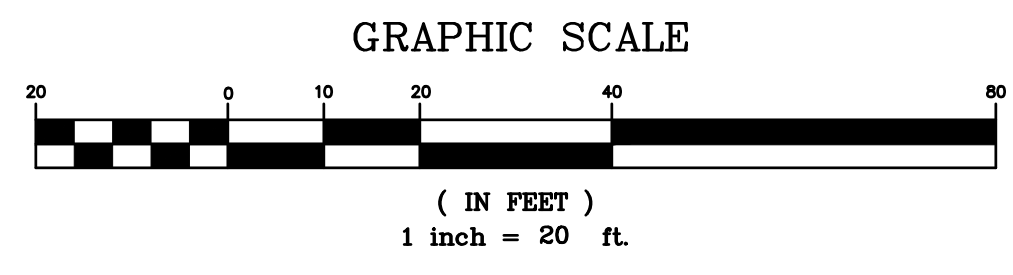
GRADING PLAN & PROFILE LIPIZZAN DRIVE 0+00 - 3+25  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N

**BERRY SURVEYING & ENGINEERING**  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 SCALE: 1 IN. EQUALS 20 FT.  
 DATE: MARCH 16, 2020  
 FILE NO.: DB 2018 - 125

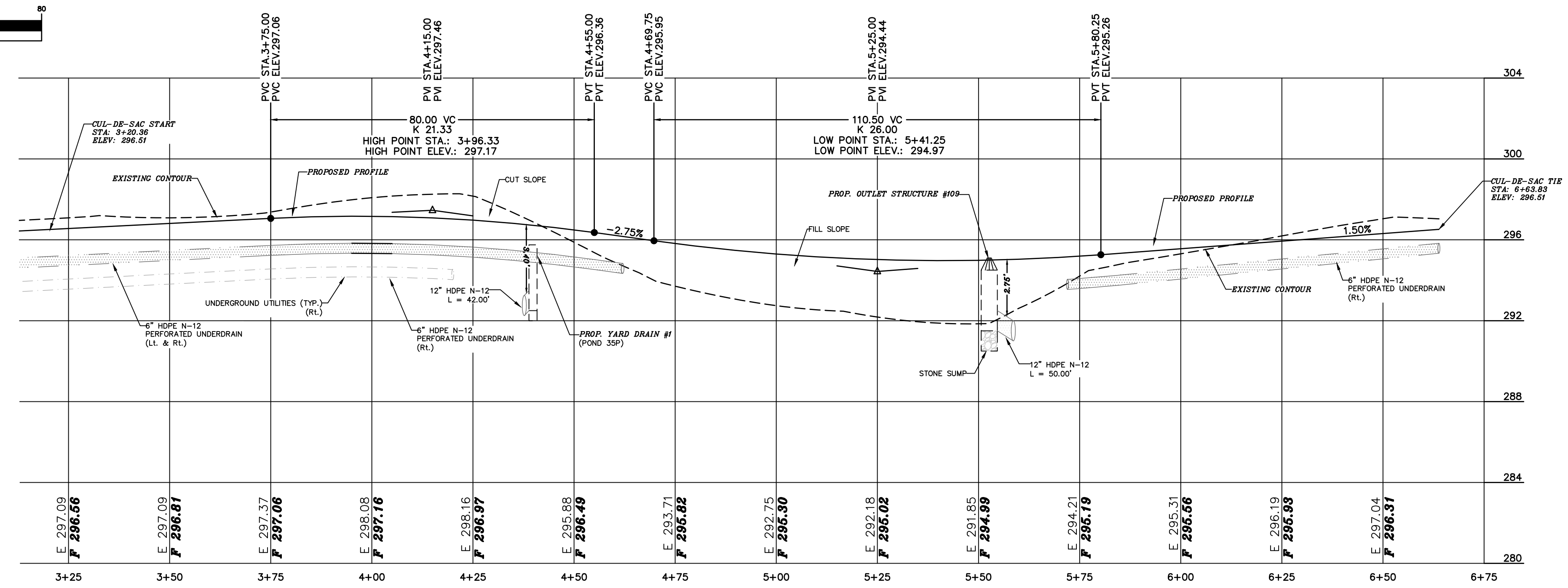
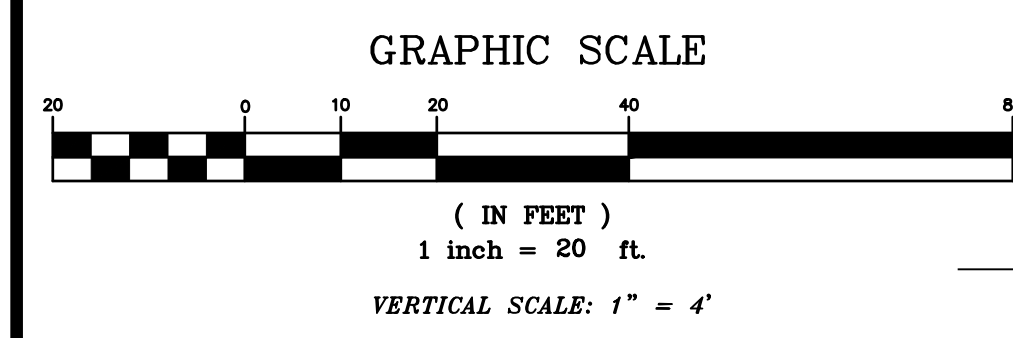




- NOTES:**
- OWNER & APPLICANT: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
  - TAX MAP 7, LOT 1N
  - LOT AREA: 1,766,568 Sq. Ft., 40.55 Ac.
  - R.C.R.D.: BOOK 5834, PAGE 599
  - THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAILS OF LIPIZZAN DRIVE AND TAX MAP 7, LOT 1N.
  - SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MULCH BERM / FENCE / SILT SOXX).
  - BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
  - EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.



PLAN VIEW LIPIZZAN DRIVE 3+25 - END  
PROFILE VIEW LIPIZZAN DRIVE 3+25 - END

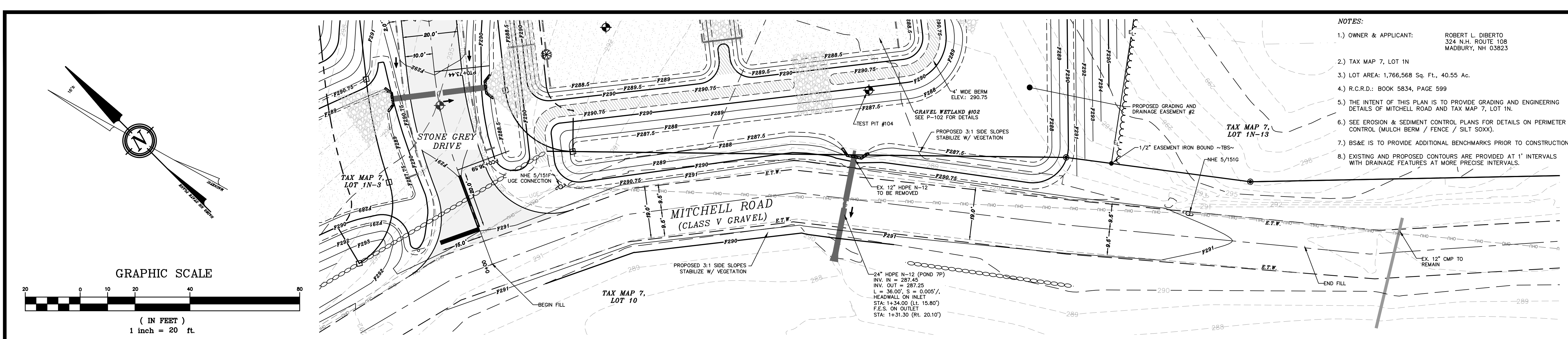


| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

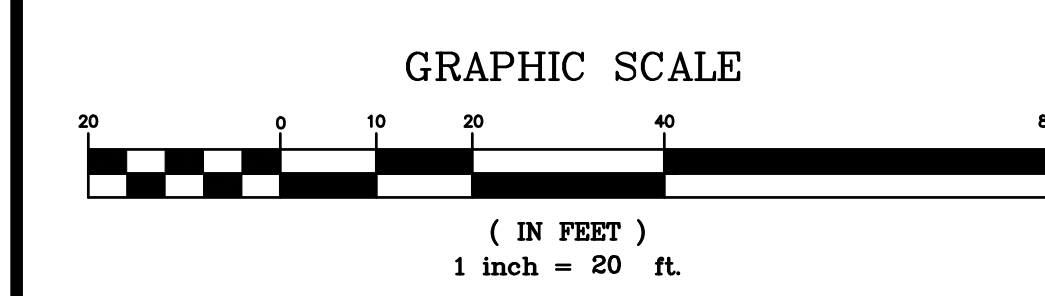
GRADING PLAN & PROFILE LIPIZZAN DRIVE 3+25 - END  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

**BERRY SURVEYING & ENGINEERING**  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 20 FT.  
DATE: MARCH 16, 2020  
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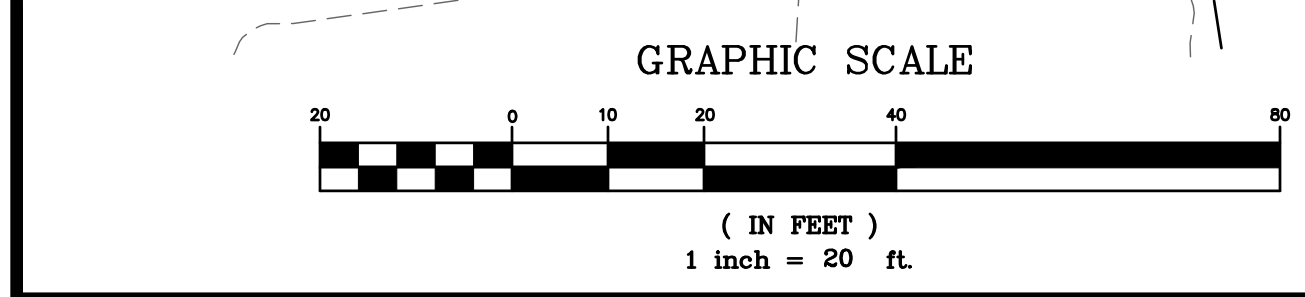
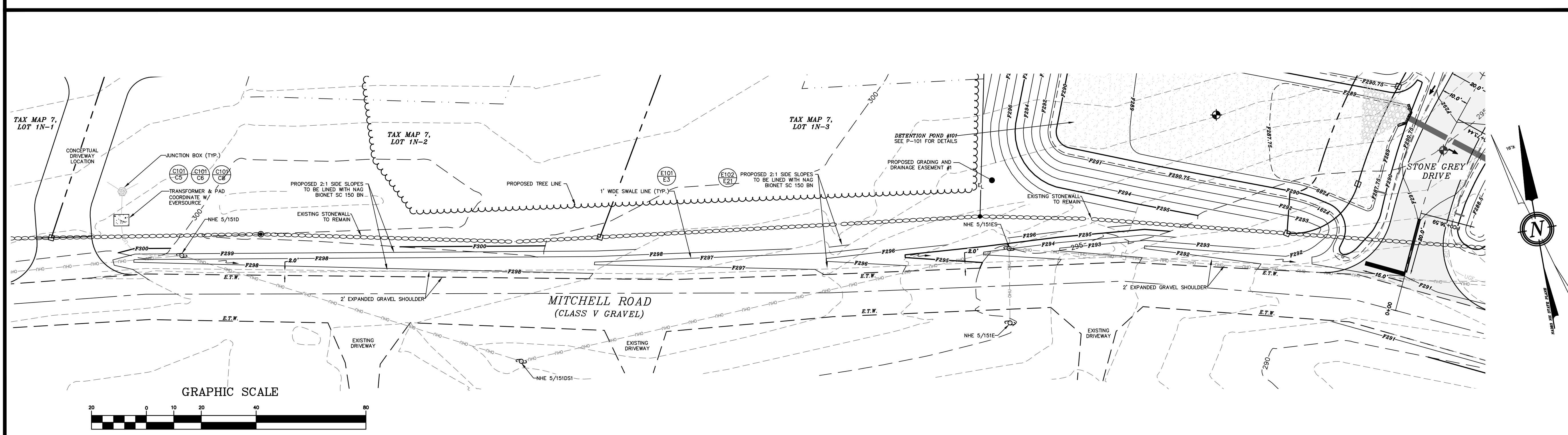
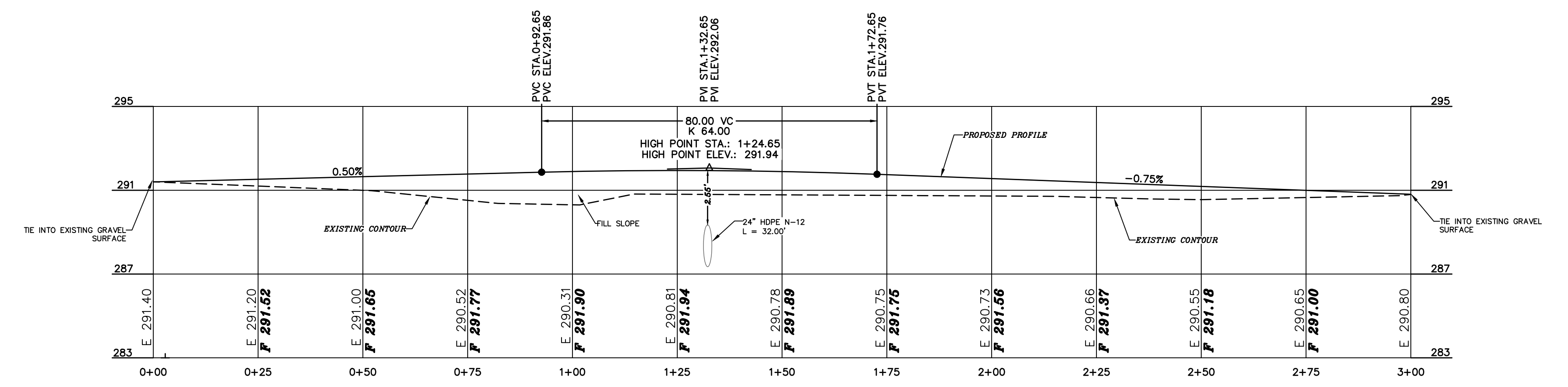
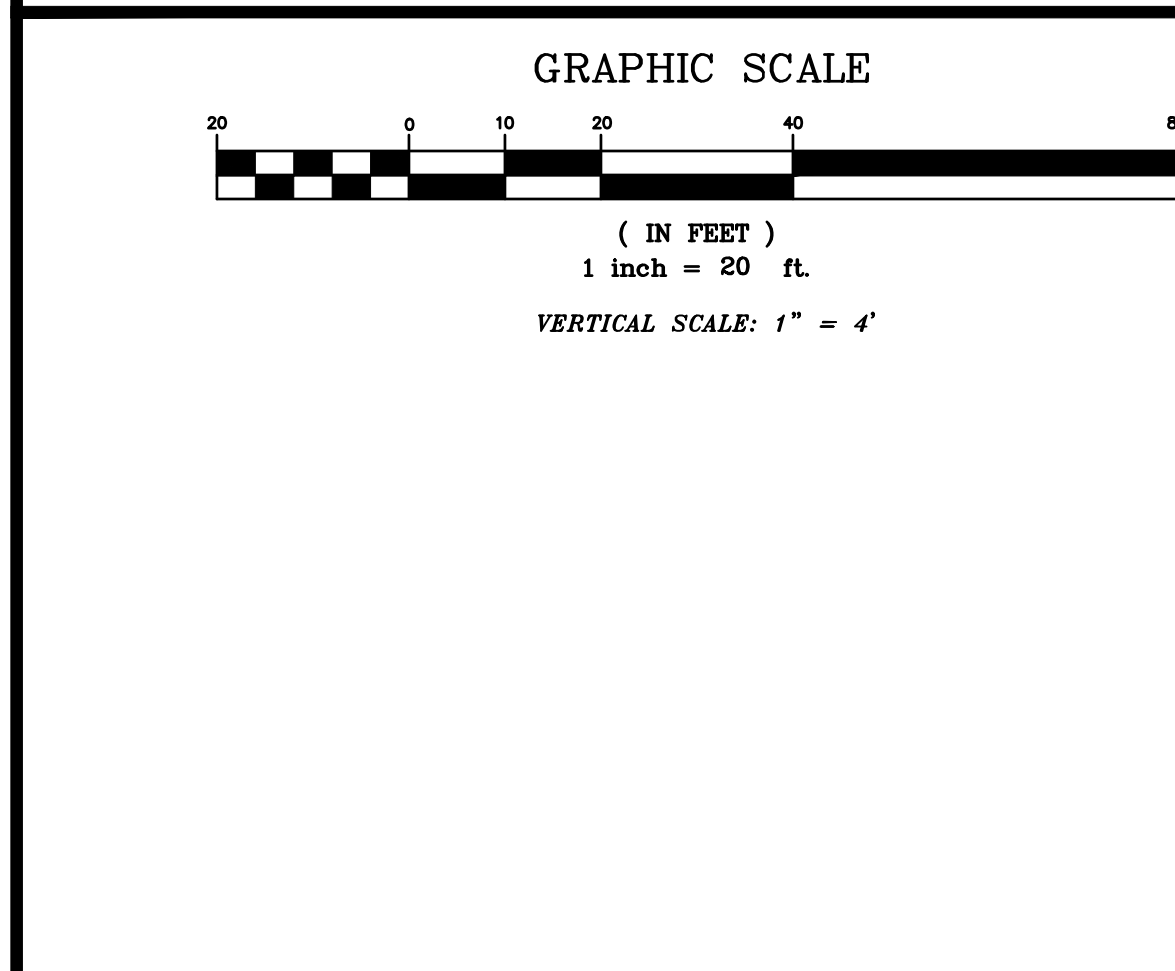




- NOTES:**
- 1.) OWNER & APPLICANT: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
  - 2.) TAX MAP 7, LOT 1N
  - 3.) LOT AREA: 1,766,568 Sq. Ft., 40.55 Ac.
  - 4.) R.C.R.D.: BOOK 5834, PAGE 599
  - 5.) THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAILS OF MITCHELL ROAD AND TAX MAP 7, LOT 1N.
  - 6.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MULCH BERM / FENCE / SILT SOXX).
  - 7.) BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
  - 8.) EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.



PLAN VIEW MITCHELL ROAD 0+00 - 3+00  
PROFILE VIEW MITCHELL ROAD 0+00 - 3+00

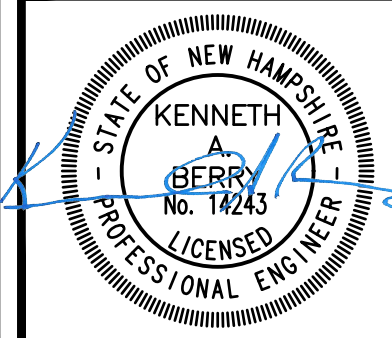


PLAN VIEW MITCHELL ROAD GRADING IMPROVEMENTS

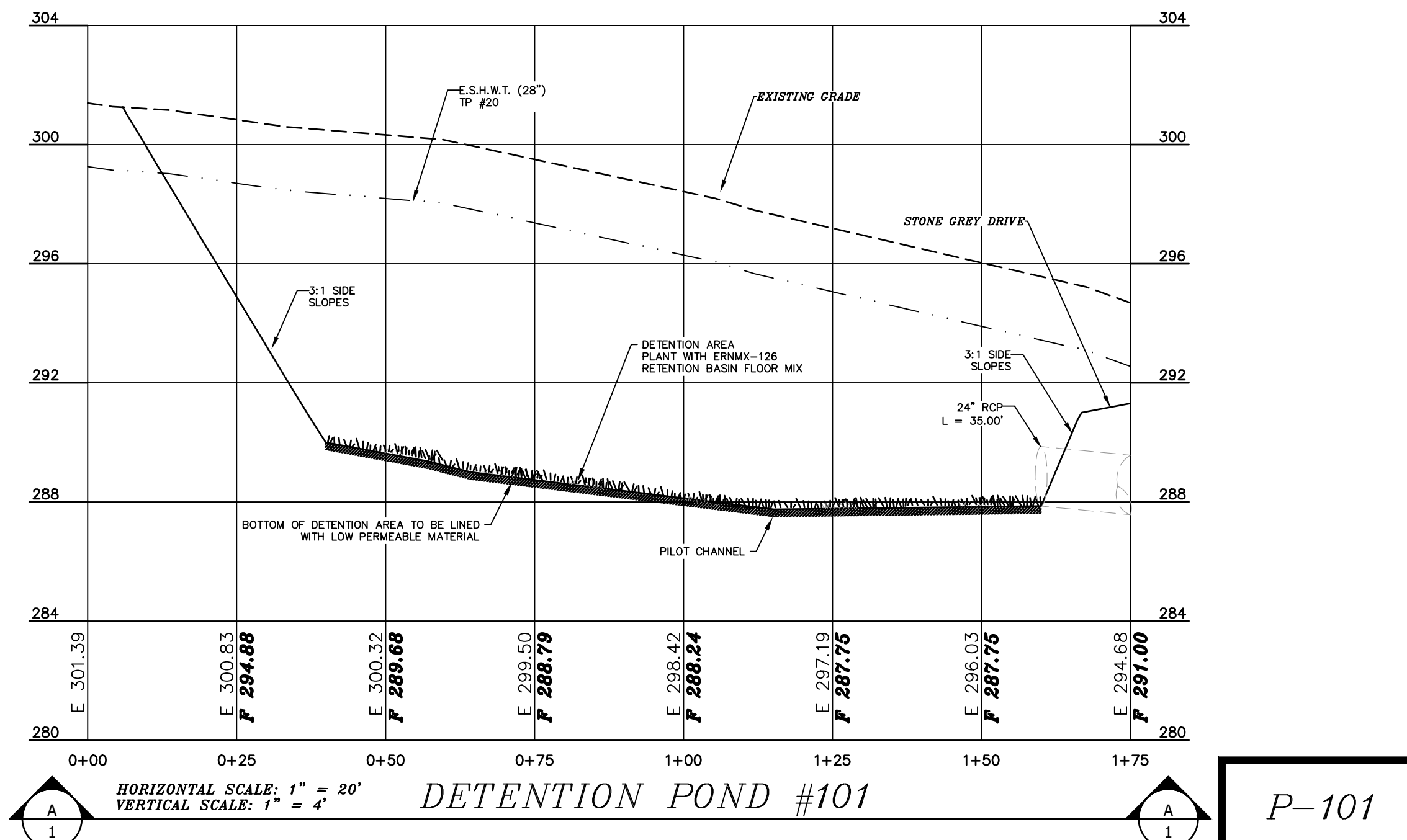
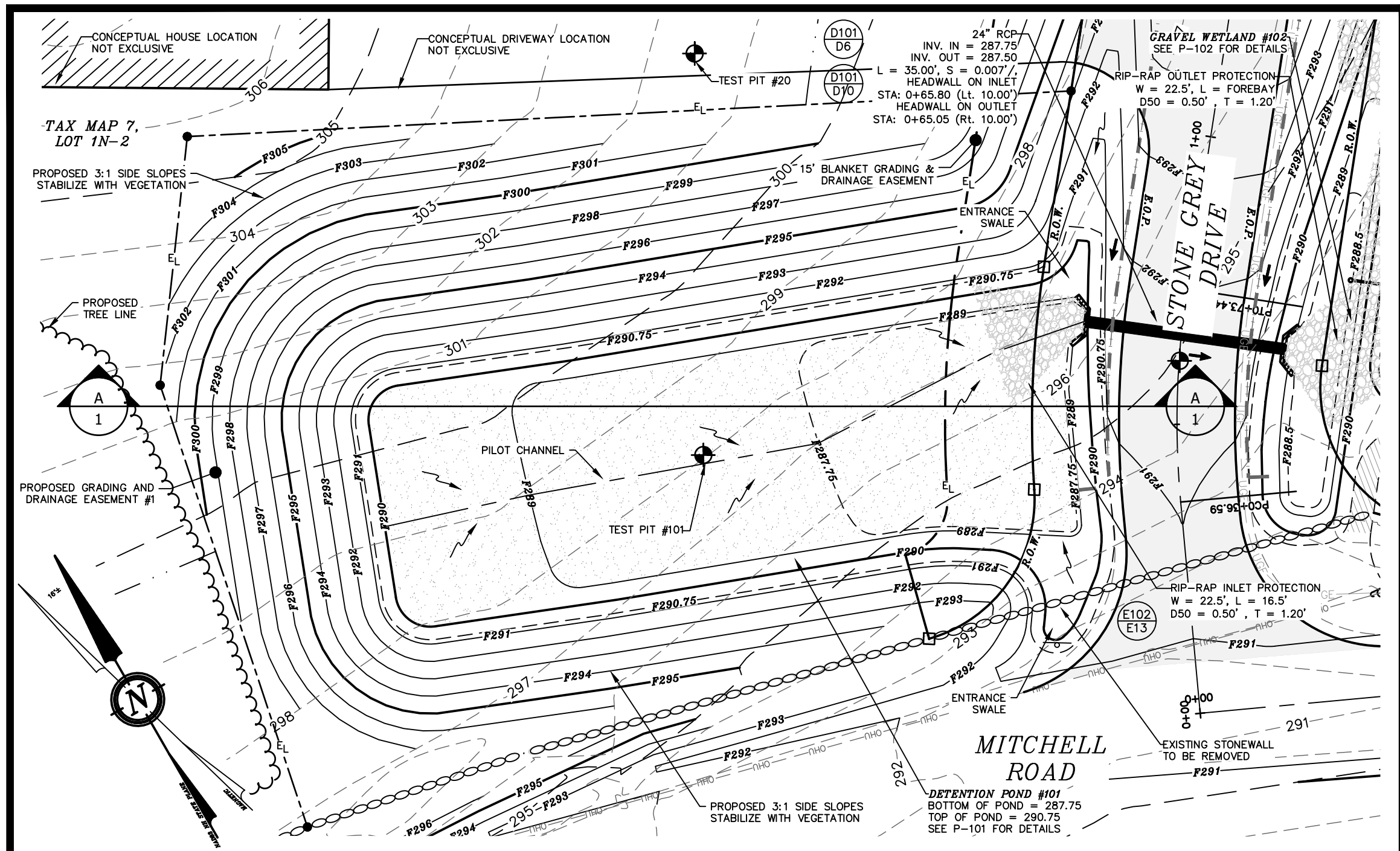
| #1 | REVISION | DATE    | DESCRIPTION                          |
|----|----------|---------|--------------------------------------|
|    |          | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

GRADING IMPROVEMENTS MITCHELL ROAD  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 20 FT.  
DATE: MARCH 16, 2020  
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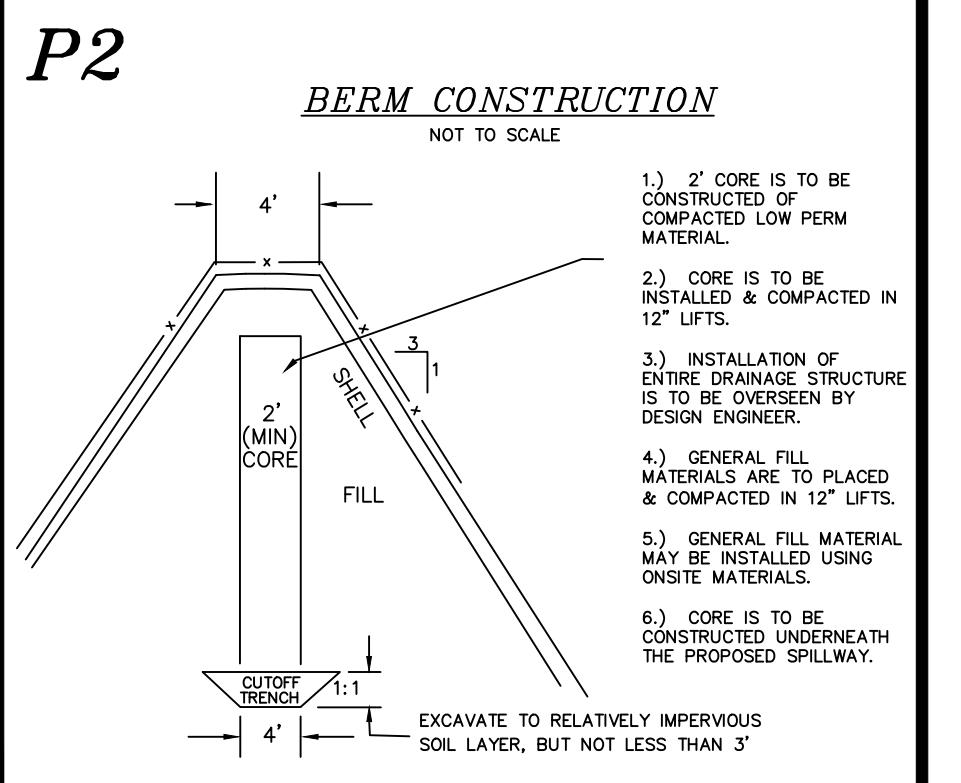




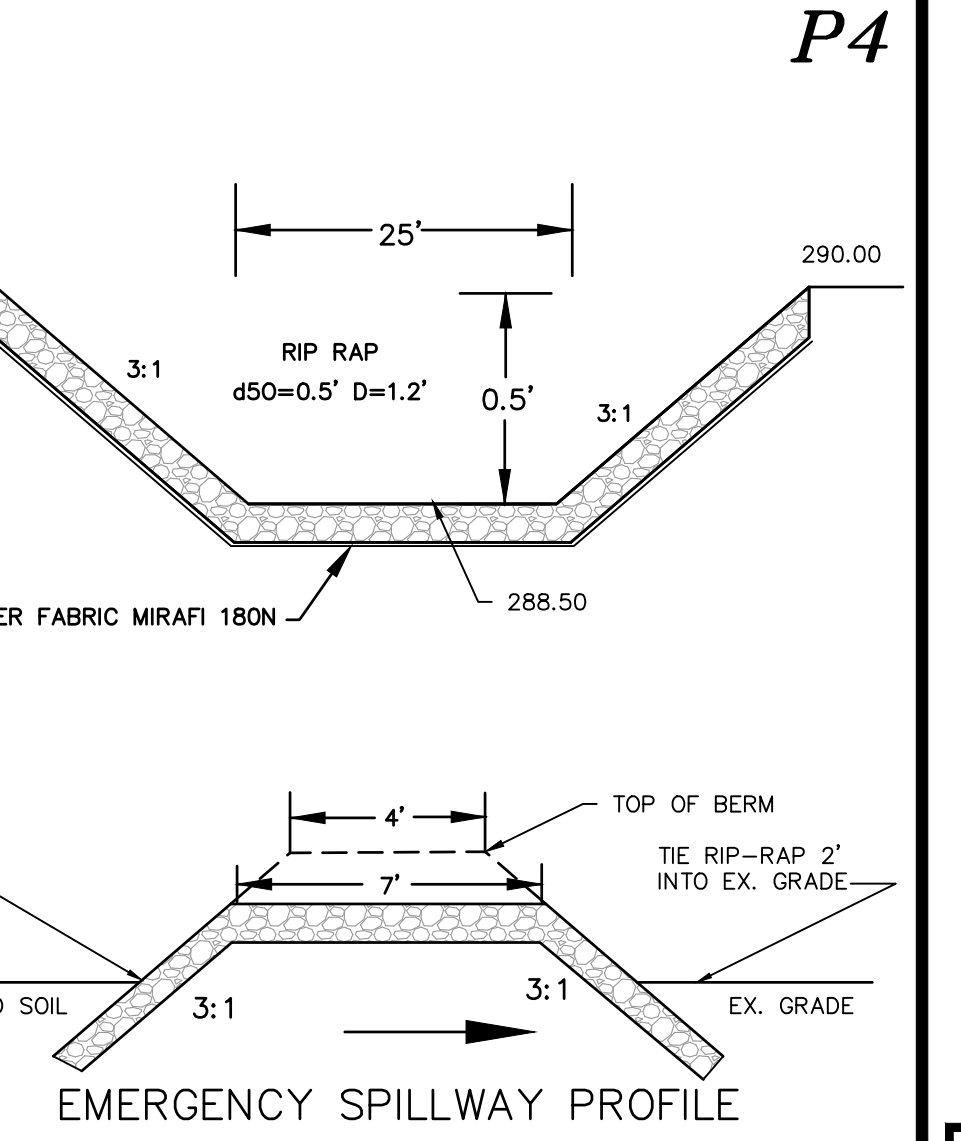
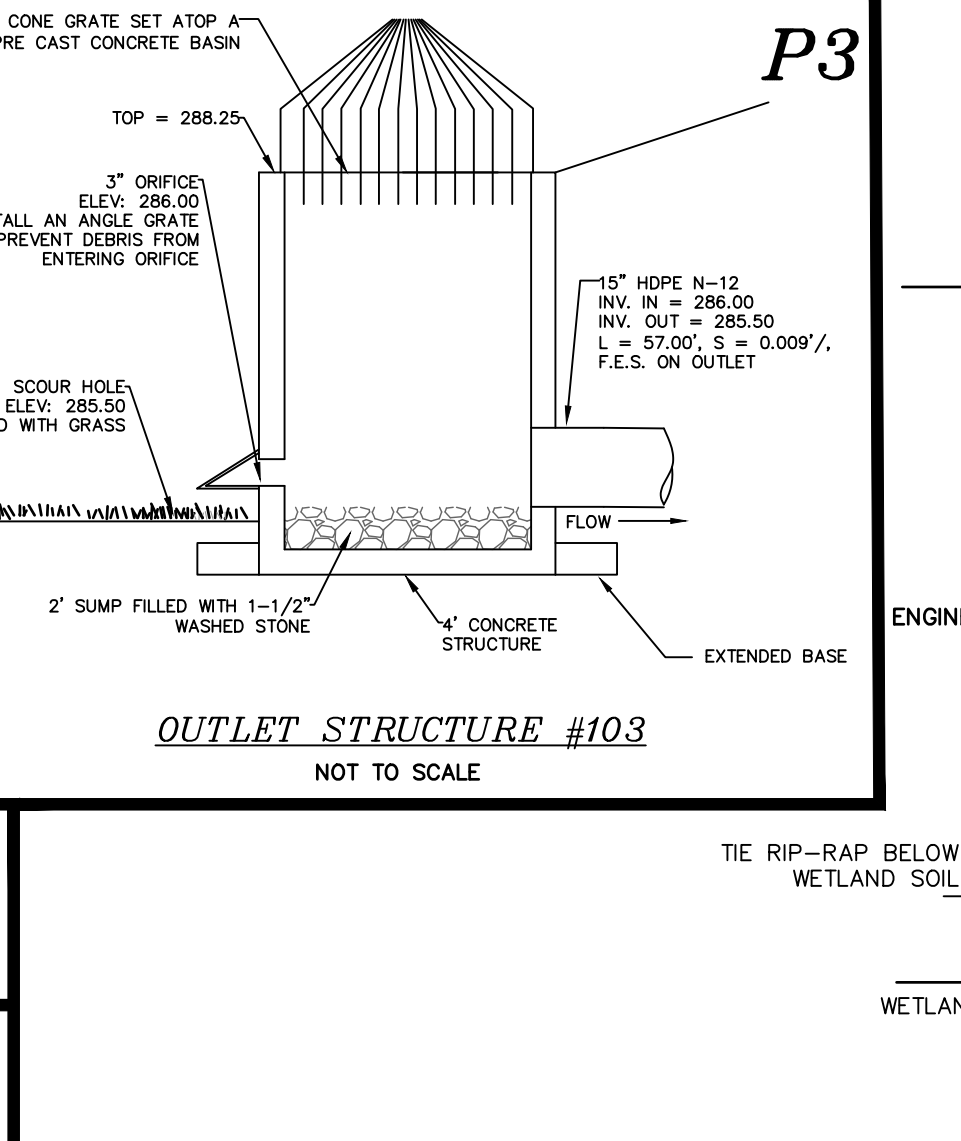
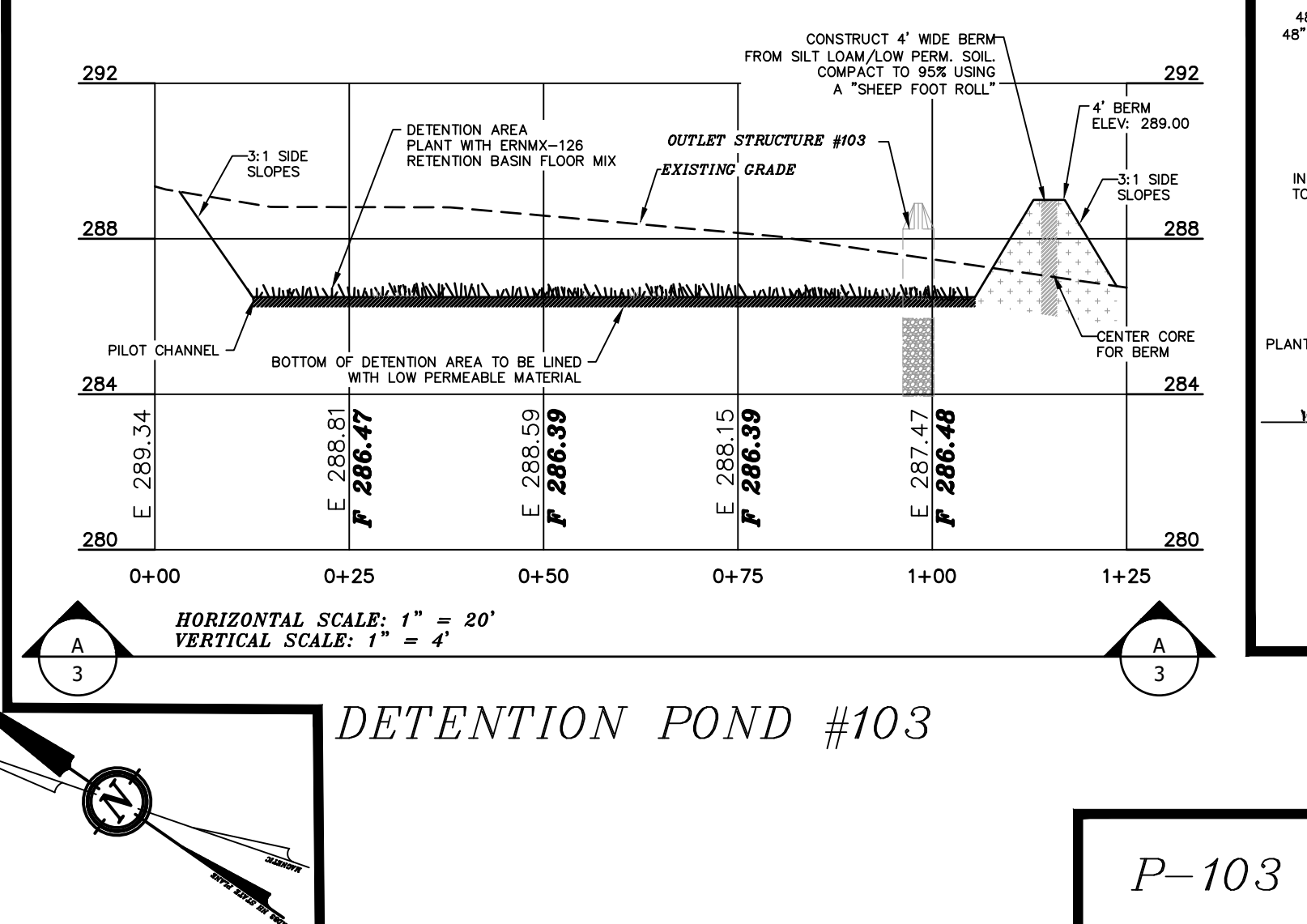
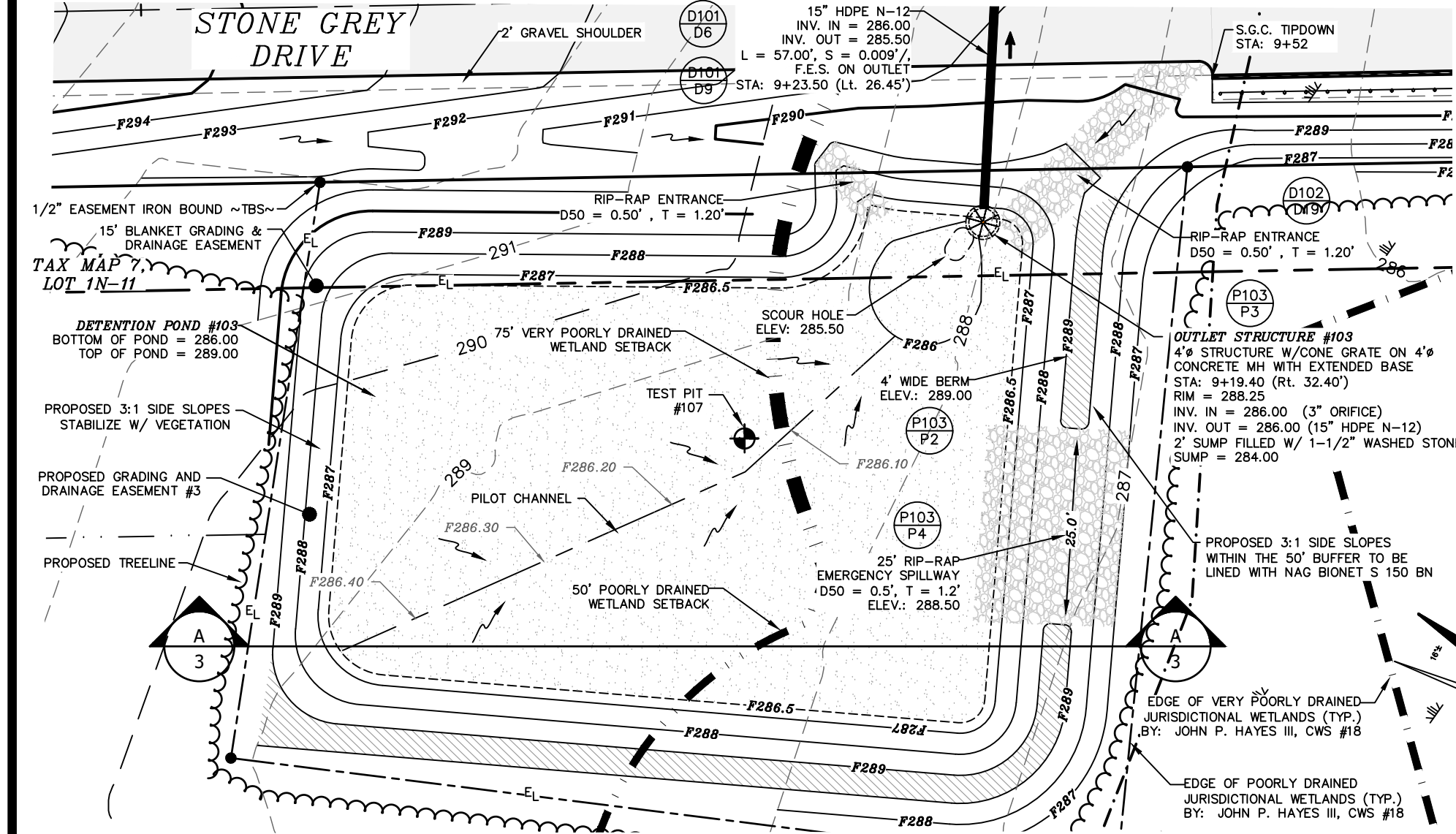


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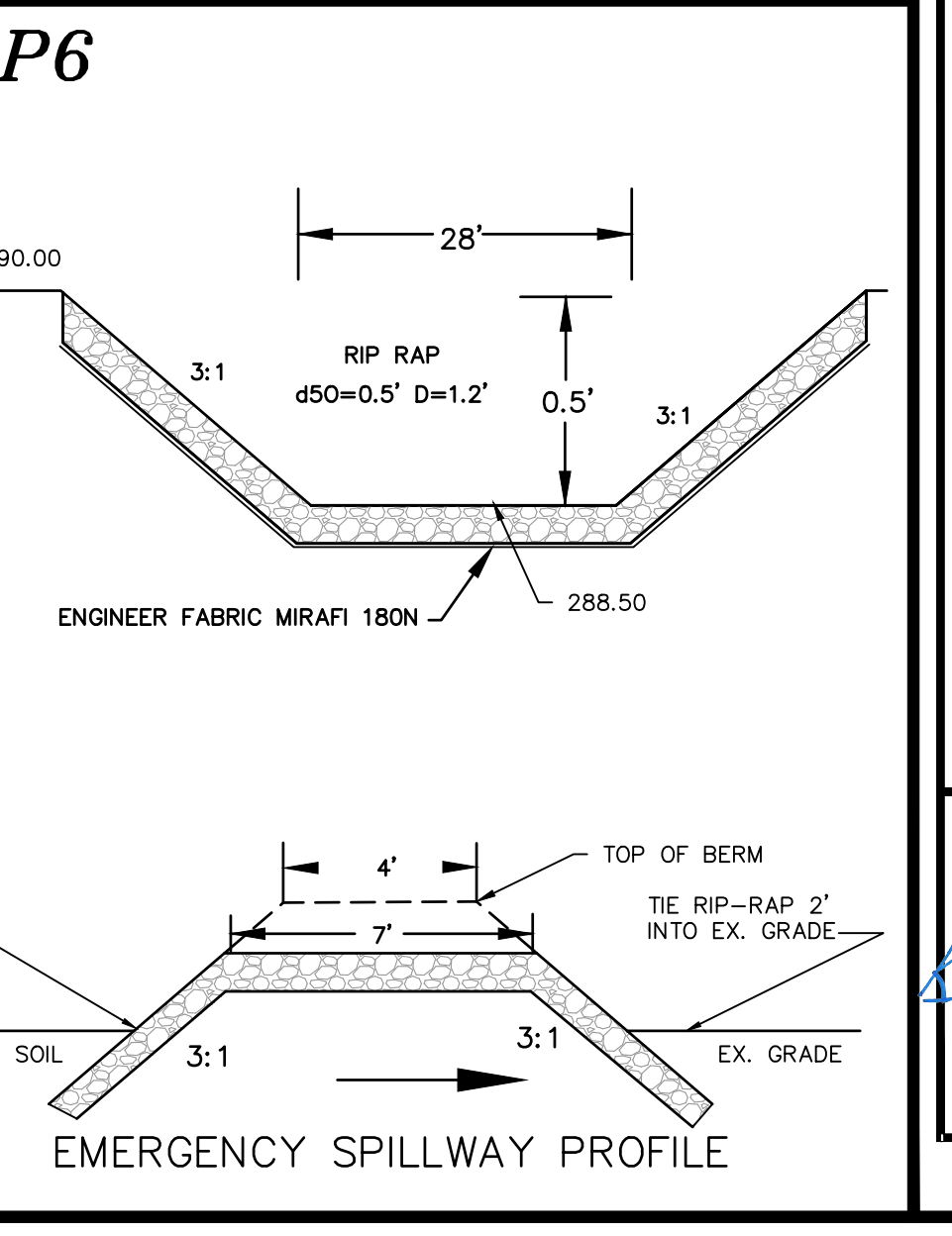
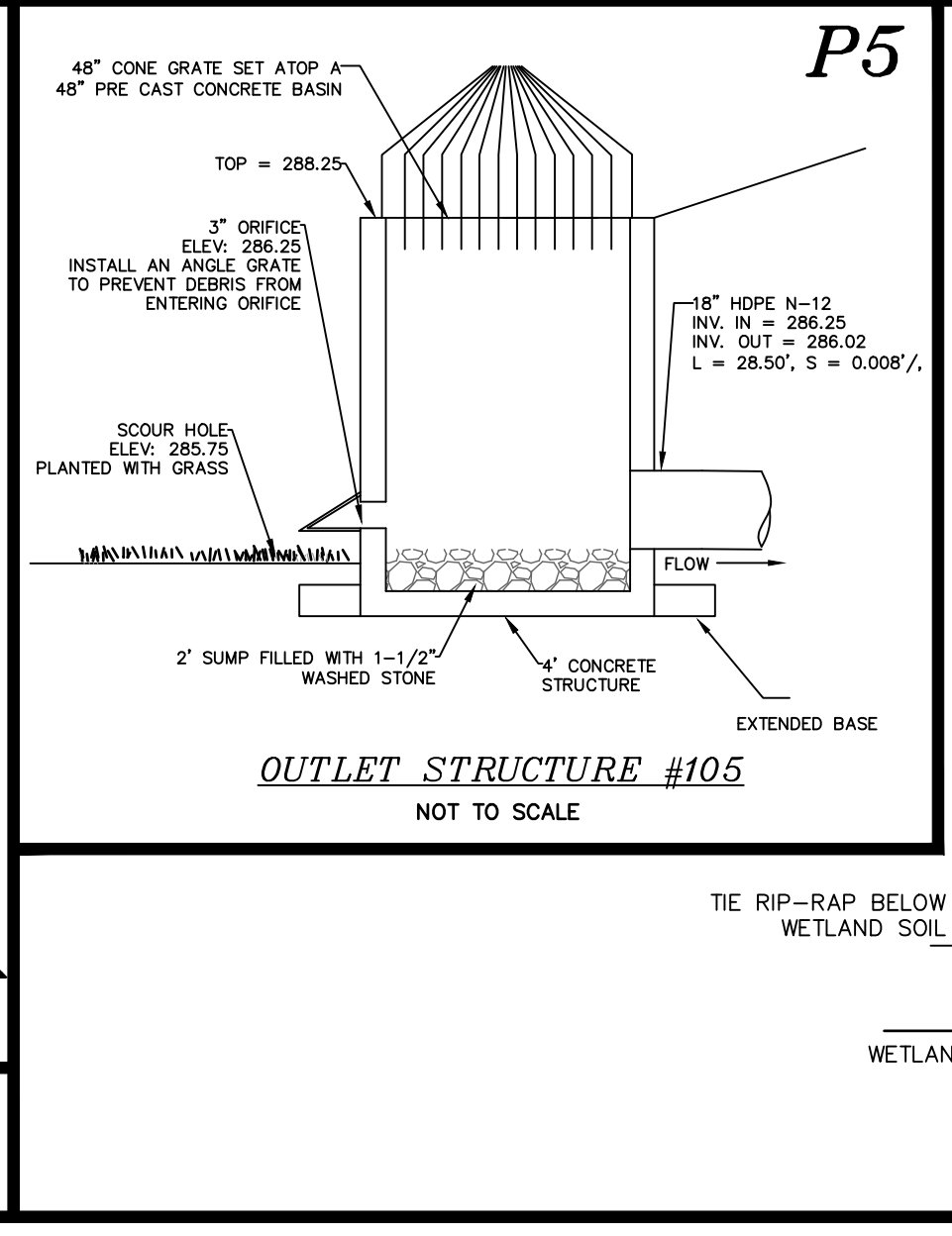
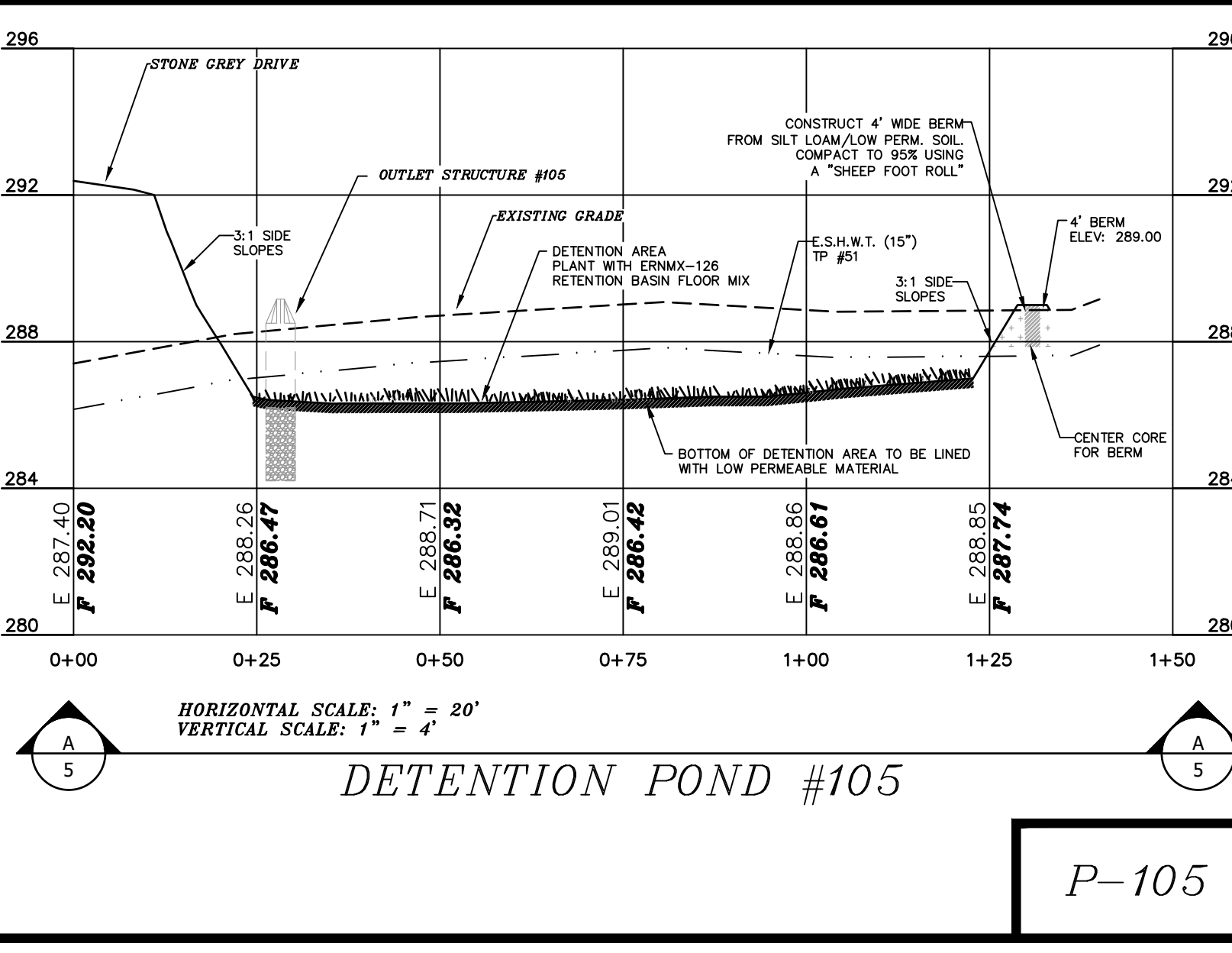
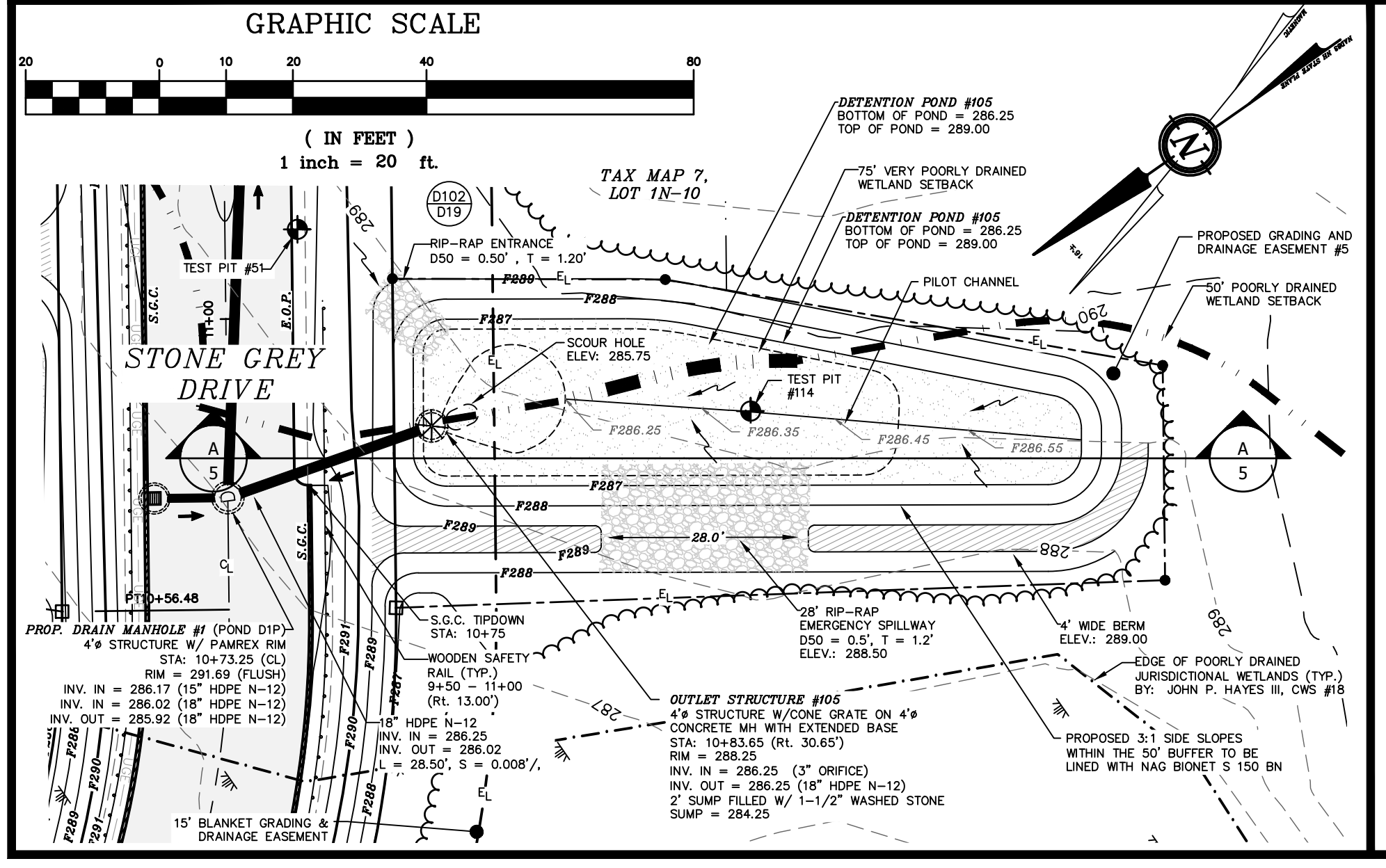
| LOW PERMEABILITY MATERIAL GRADATION |                     |
|-------------------------------------|---------------------|
| SIEVE SIZE                          | % PASSING BY WEIGHT |
| #4                                  | 95 - 100            |
| #40                                 | 60 - 95             |
| #100                                | 40 - 60             |
| #200                                | 25 - 45             |



| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |



DETENTION POND #101, #103, & #105  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N



BERRY SURVEYING & ENGINEERING  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 20 FT.  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125

STATE OF NEW HAMPSHIRE  
KENNETH BERRY  
No. 18243  
LICENSED PROFESSIONAL ENGINEER

SHEET 28 OF 49



**MAINTENANCE REQUIREMENTS**

| ACTIVITY   | CLOGGING AND SYSTEM PERFORMANCE  | FREQUENCY  |
|--|--|--|
| INSPECT INLETS AND OUTLETS TO ENSURE GOOD CONDITION AND NO EVIDENCE OF DETERIORATION. CHECK TO SEE IF HIGH-FLOW BYPASS IS FUNCTIONING. | REMEDY: REPAIR OR REPLACE ANY DAMAGED STRUCTURAL PARTS, INLETS AND OUTLETS. CLEAR OR REMOVE DEBRIS OR RESTRICTIONS.    | ANNUALLY, MORE FREQUENTLY IN THE FIRST YEAR OF OPERATION |
| CHECK FOR INTERNAL EROSION, EVIDENCE OF SHORT-CIRCUITING, AND ANIMAL BURROWS.  | REMEDY: SOIL EROSION FROM SHORT-CIRCUITING OR ANIMAL BURROWS SHOULD BE REPAIRED WHEN THEY OCCUR.                       |  |
| CHECK THAT THE SYSTEM IS FULLY DRAINING WITHIN A 24-48 HOUR PERIOD AFTER RAIN EVENTS.  | REMEDY: REPAIR OR RESTORE HYDRAULIC INLET OR OUTLET CONFIGURATION.   |  |
| <b>VEGETATION</b>  |  |  |
| CHECK FOR ROBUST VEGETATION COVERAGE THROUGHOUT THE SYSTEM AND DEAD OR DYING PLANTS  | REMEDY: VEGETATION SHOULD COVER > 75% OF THE SYSTEM AND SHOULD BE RESEEDED AND CARED FOR AS NEEDED                     | ANNUALLY, OR AS NEEDED                                   |
| CUT AND REMOVE VEGETATION FROM GRAVEL WETLAND SYSTEM AND FOREBAY IN ORDER TO MAINTAIN NITROGEN REMOVAL PERFORMANCE                     | REMEDY: THE VEGETATION SHOULD BE CUT AND REMOVED FROM THE SYSTEM TO PREVENT NITROGEN FROM CYCLING BACK INTO THE SYSTEM | ONCE EVERY 3 YEARS                                       |

**3/8" WASHED CRUSHED STONE\***

| SIEVE SIZE | % PASSING BY WEIGHT |
|------------|---------------------|
| 1/2"       | 100                 |
| 3/8"       | 95 - 100            |
| # 4        | 22 - 55             |
| # 8        | 0 - 10              |

**1-1/2" WASHED CRUSHED STONE\***

| SIEVE SIZE | % PASSING BY WEIGHT |
|------------|---------------------|
| 2"         | 100                 |
| 1-1/2"     | 90 - 100            |
| 1"         | 20 - 55             |
| 1-1/2"     | 0 - 15              |
| 3/8"       | 0 - 5               |

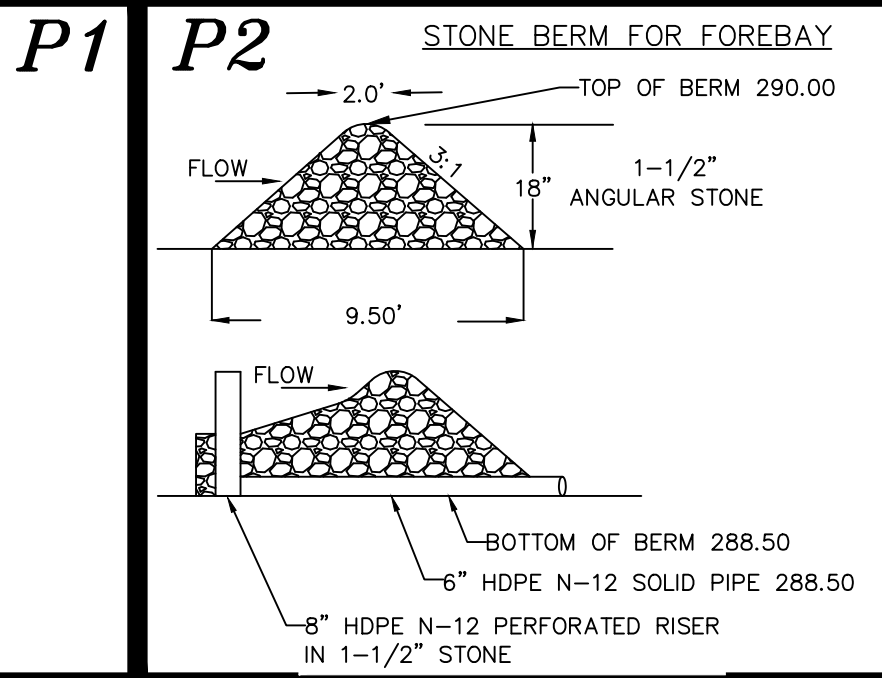
**WETLAND SOIL**

| SIEVE SIZE | % PASSING BY WEIGHT |
|------------|---------------------|
| 0.5        | 100                 |
| #10"       | 90 - 75             |
| #100       | 40 - 50             |
| #200       | 25 - 50             |

**DESIGN TOLERANCES**

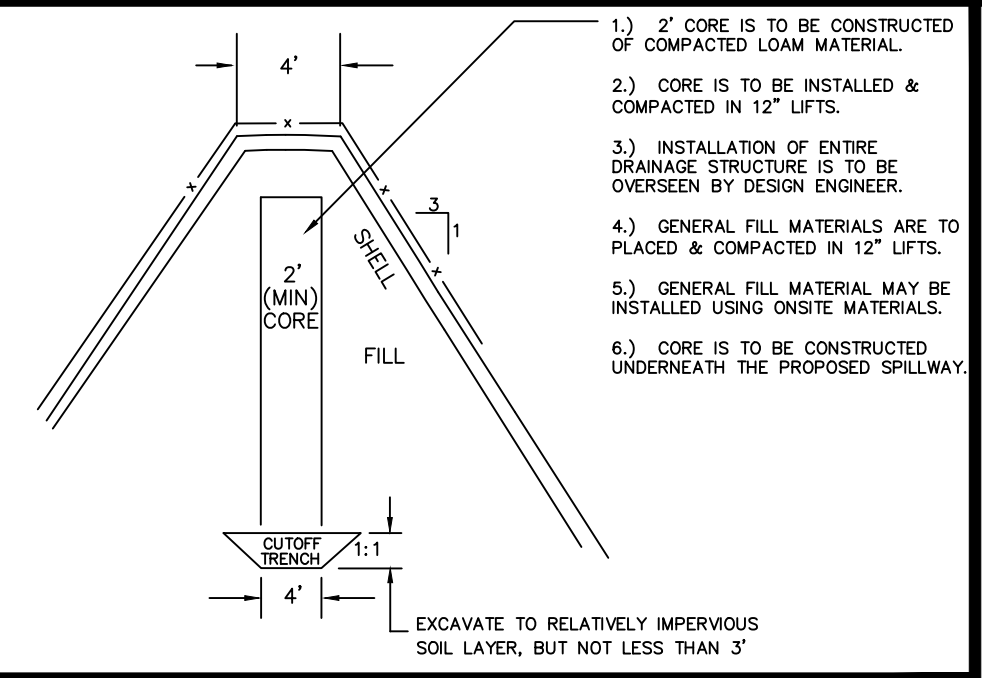
| SIEVE SIZE | % PASSING TOLERANCES |
|------------|----------------------|
| 0.5        | ±10.0                |
| #10        | ±5.0                 |
| #100       | ±5.0                 |
| #200       | ±5.0                 |

DESIGN REFERENCES  
1 UNH STORMWATER CENTER

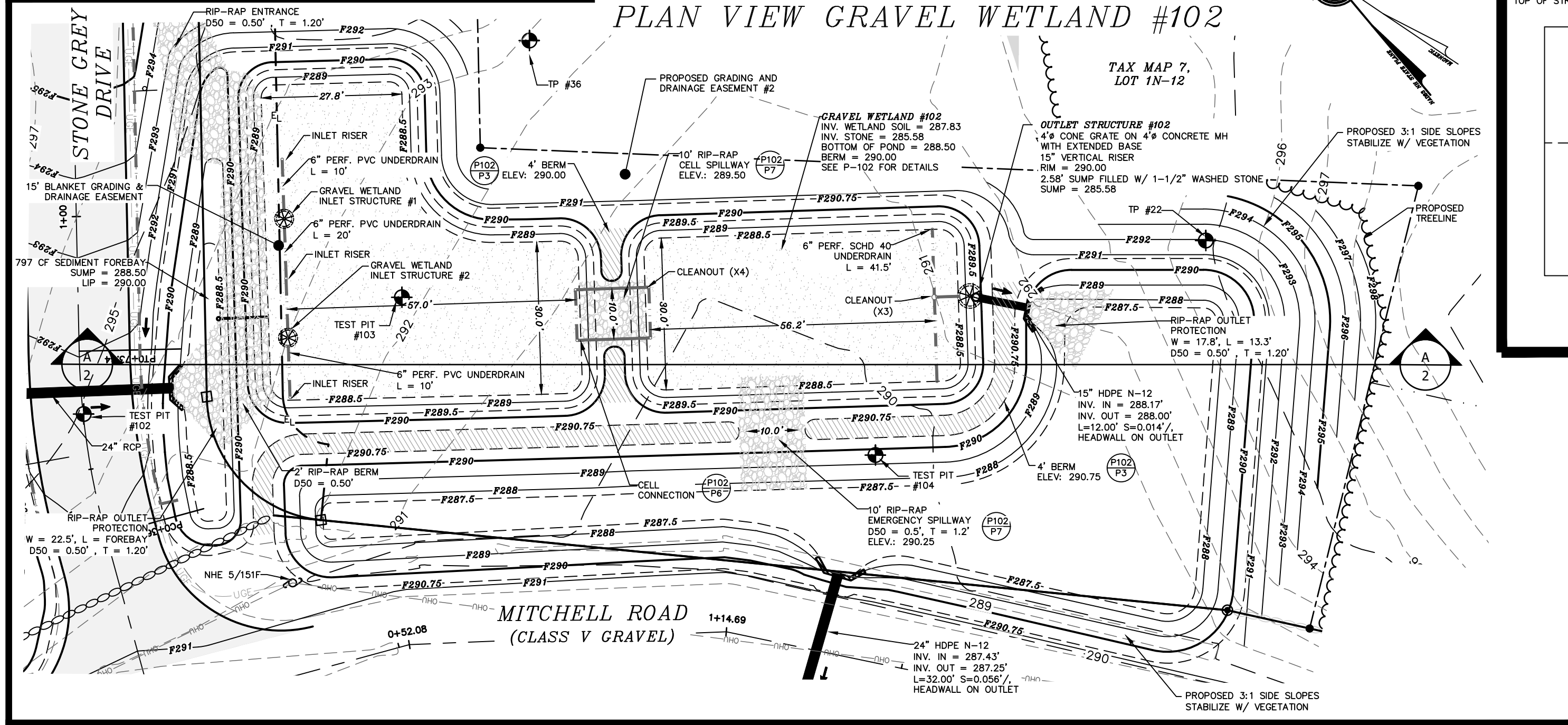
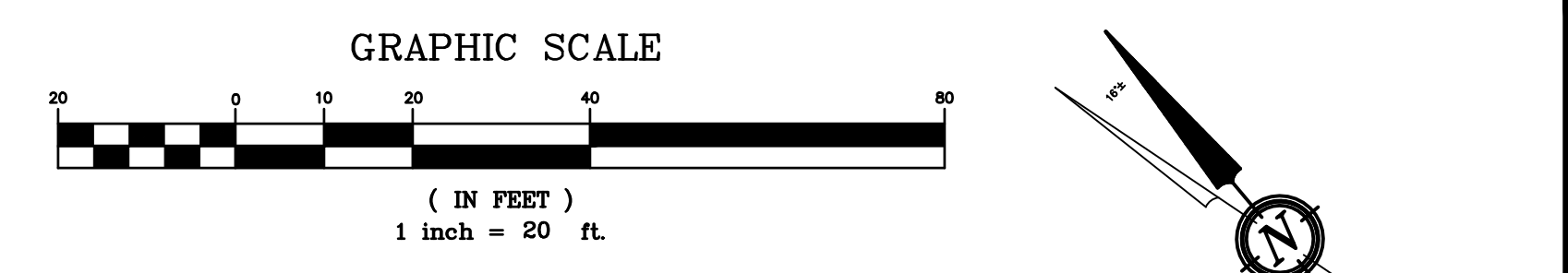


**P3 LOW PERMEABILITY MATERIAL GRADATION**

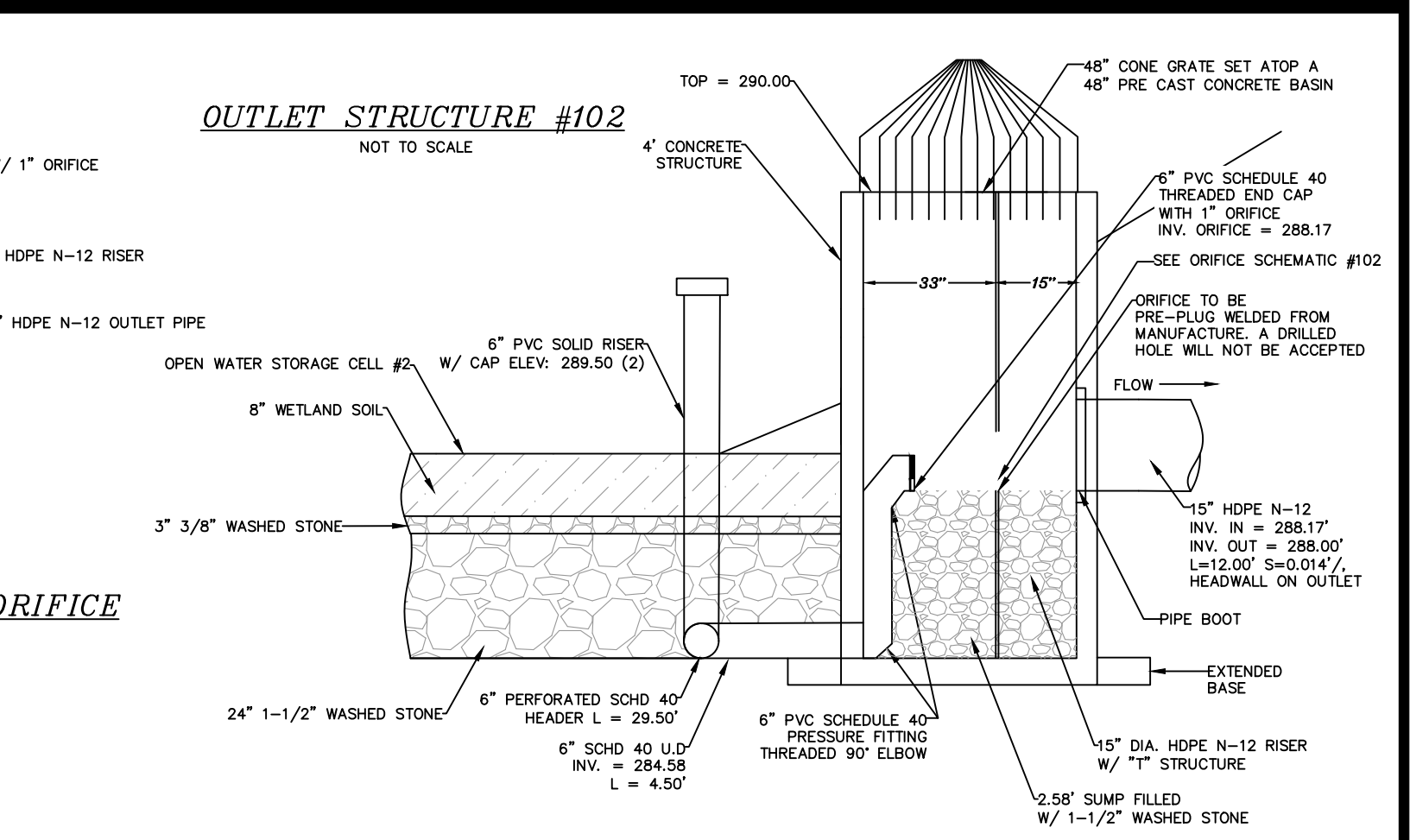
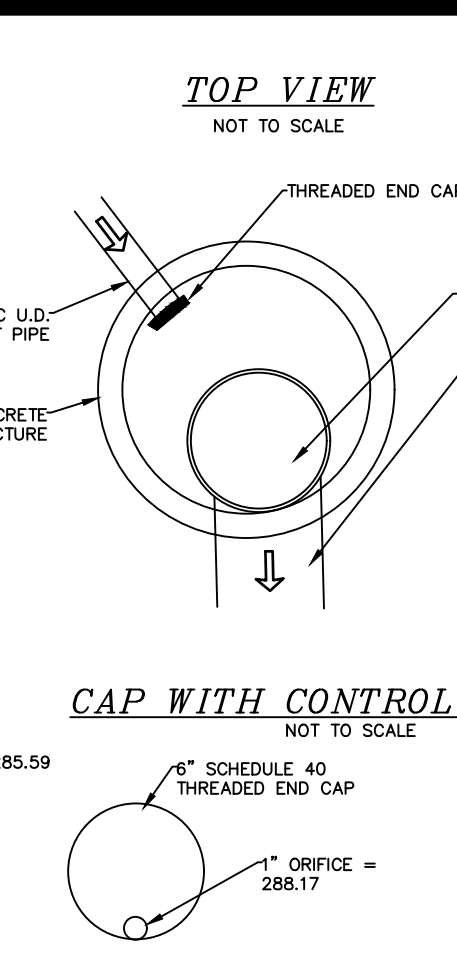
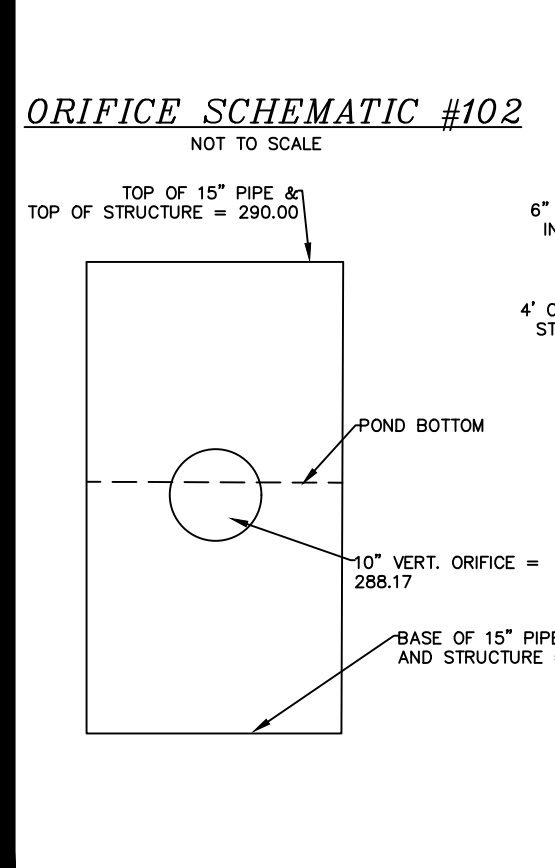
| SIEVE SIZE | % PASSING BY WEIGHT |
|------------|---------------------|
| #4         | 95 - 100            |
| #40        | 60 - 95             |
| #100       | 40 - 60             |
| #200       | 25 - 45             |



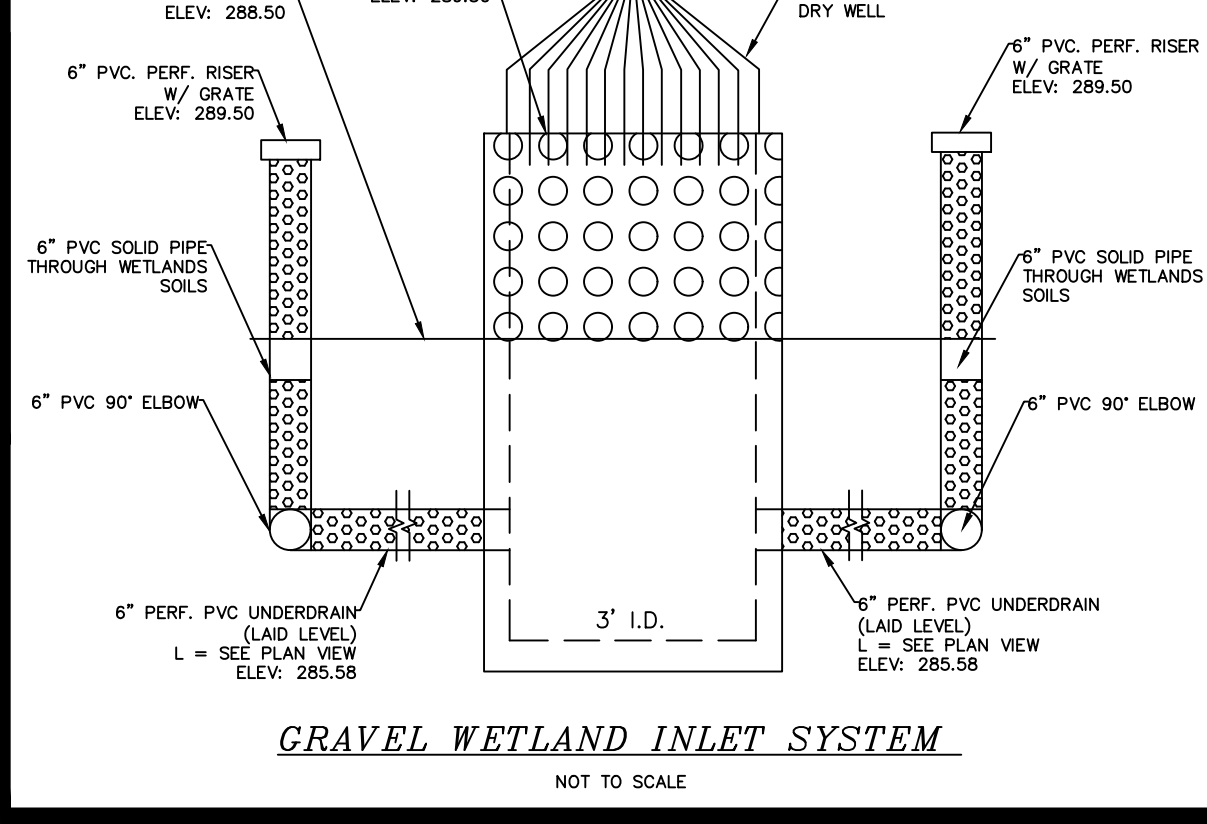
| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |



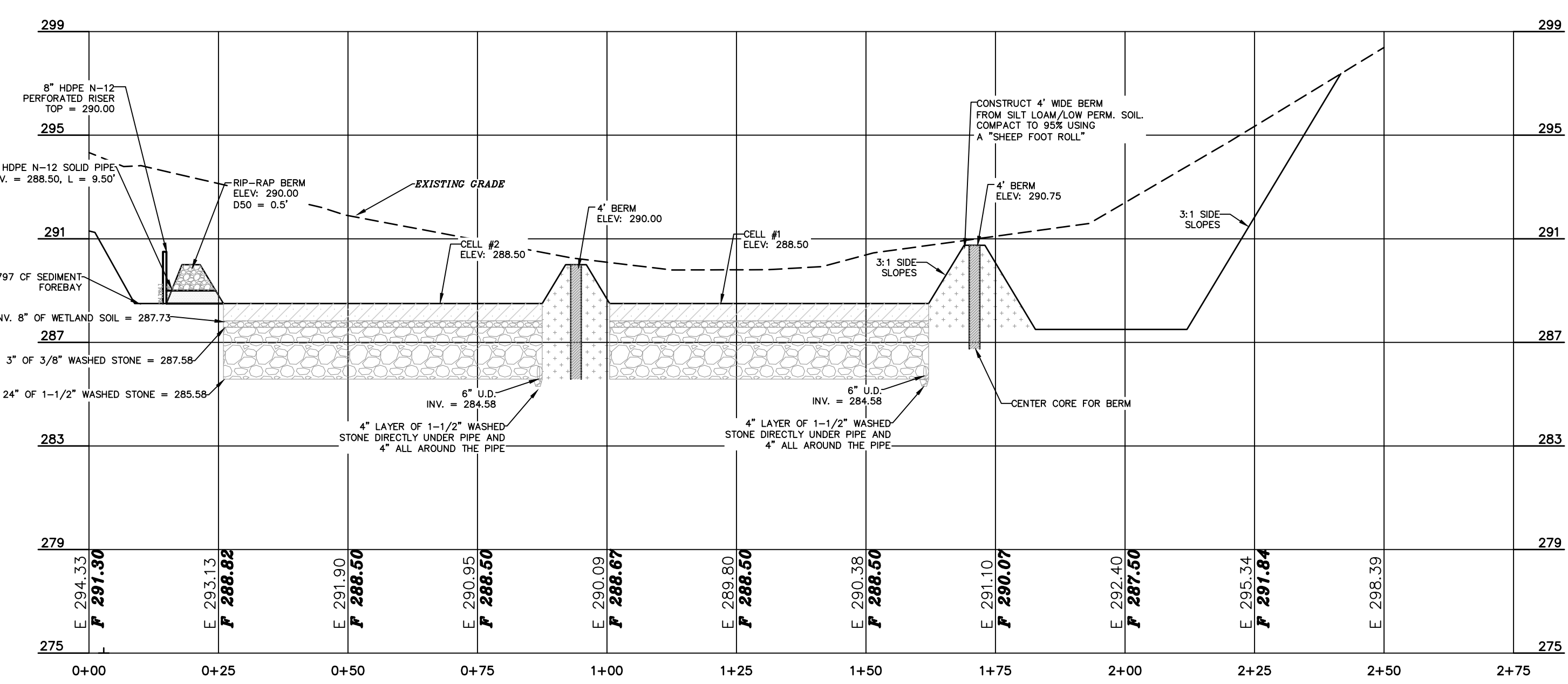
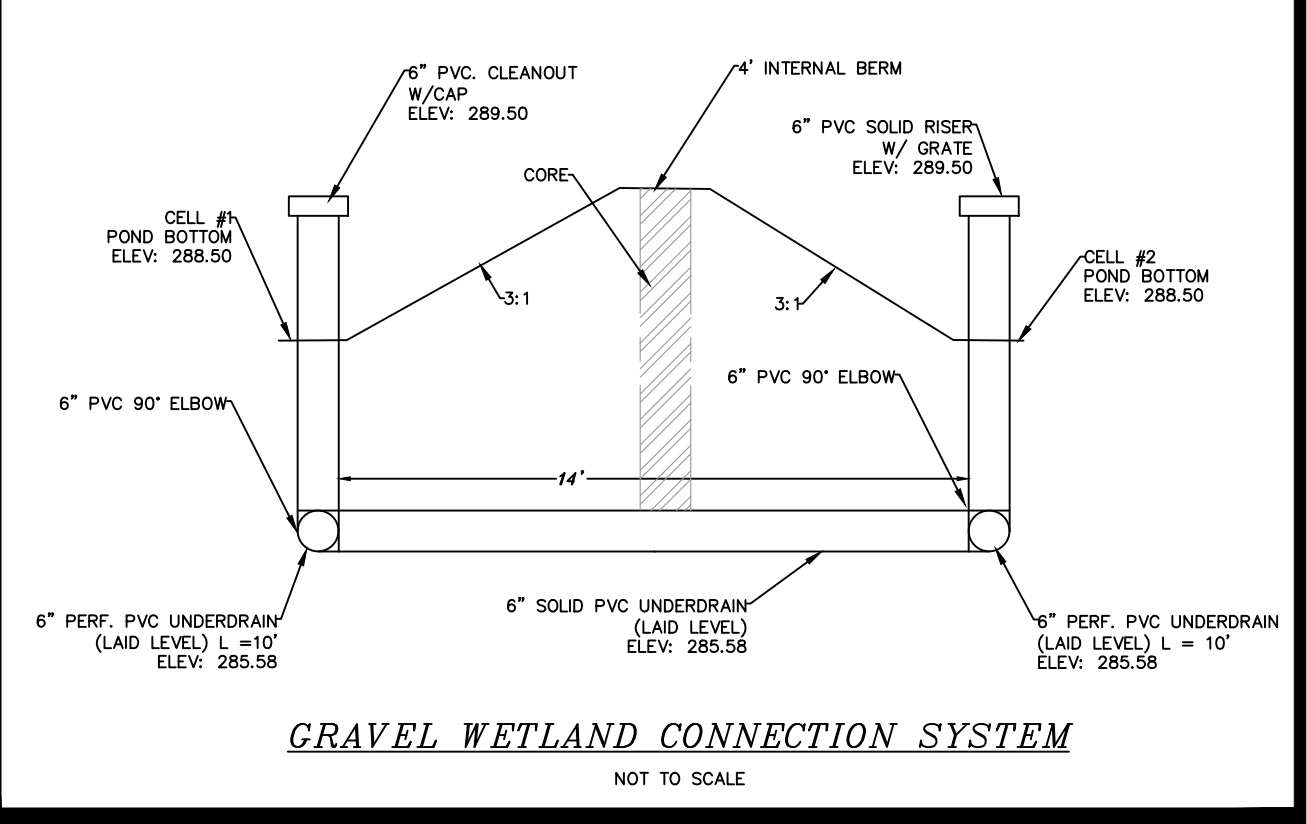
**P4**



**P5**



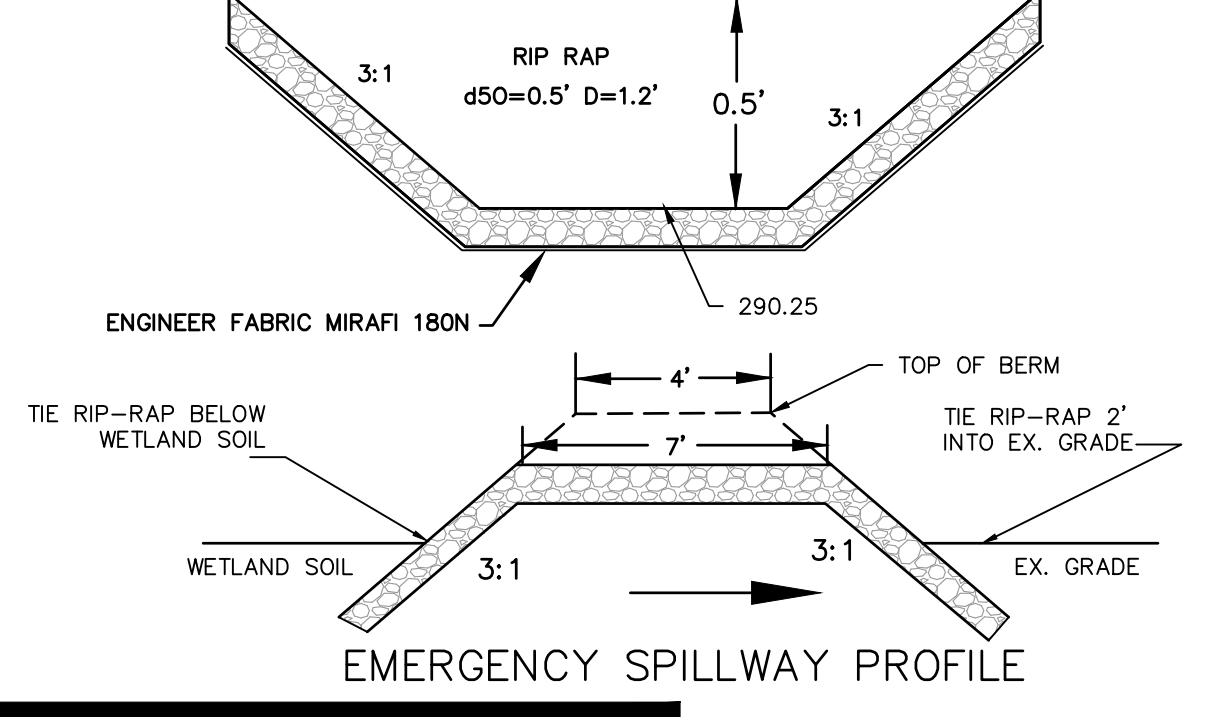
**P6**



VERTICAL SCALE: 1" = 4'  
HORIZONTAL SCALE: 1" = 20'

SECTION OF GRAVEL WETLAND #102

**P7**



**SPILLWAY DETAILS**

NOT TO SCALE

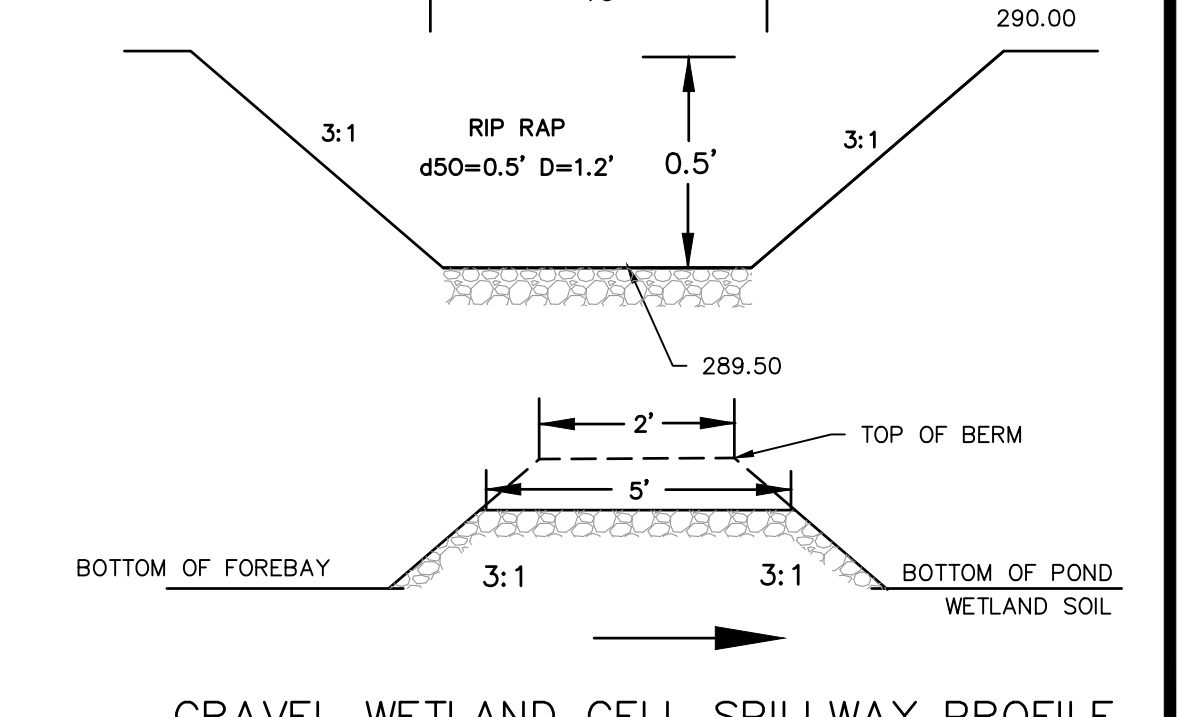


TABLE 7-24--RECOMMENDED RIP RAP GRADATION RANGES

| d50 SIZE=                                   | FEET                        | 6 INCHES |
|---|-----------------------------|----------|
| % OF WEIGHT SMALLER THAN THE GIVEN d50 SIZE | SIZE OF STONE (INCHES) FROM | TO       |
| 100%  | 9                           | 12       |
| 85%   | 8                           | 11       |
| 50%   | 6                           | 9        |
| 15%   | 2                           | 3        |

GRAVEL WETLAND #102  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

**BERRY SURVEYING & ENGINEERING**  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 20 FT.  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125



**MAINTENANCE REQUIREMENTS**

| ACTIVITY  | CLOGGING AND SYSTEM PERFORMANCE | FREQUENCY  |
|---|---------------------------------|--|
| INSPECT INLETS AND OUTLETS TO ENSURE GOOD CONDITION AND NO EVIDENCE OF DETRIORATION. CHECK TO SEE IF HIGH-FLOW BYPASS IS FUNCTIONING. |                                 |  |
| REMEDY:<br>REPAIR OR REPLACE ANY DAMAGED STRUCTURAL PARTS, INLETS AND OUTLETS. CLEAR OR REMOVE DEBRIS OR RESTRICTIONS.                |                                 |  |
| CHECK FOR INTERNAL EROSION, EVIDENCE OF SHORT-CIRCUITING, AND ANIMAL BURROWS.   |                                 | ANNUALLY, MORE FREQUENTLY IN THE FIRST YEAR OF OPERATION |
| REMEDY:<br>SOIL EROSION FROM SHORT-CIRCUITING OR ANIMAL BURROWS SHOULD BE REPAIRED WHEN THEY OCCUR.                                   |                                 |  |
| CHECK THAT THE SYSTEM IS FULLY DRAINING WITHIN A 24-48 HOUR PERIOD AFTER RAIN EVENTS.   |                                 |  |
| REMEDY:<br>REPAIR OR RESTORE HYDRAULIC INLET OR OUTLET CONFIGURATION.   |                                 |  |
| VEGETATION  |                                 |  |
| CHECK FOR ROBUST VEGETATION COVERAGE THROUGHOUT THE SYSTEM AND DEAD OR DYING PLANTS   |                                 | ANNUALLY, OR AS NEEDED                                   |
| REMEDY:<br>VEGETATION SHOULD COVER > 75% OF THE SYSTEM AND SHOULD BE RESEEDING AND CARED FOR AS NEEDED                                |                                 |  |
| CUT AND REMOVE VEGETATION FROM GRAVEL WETLAND SYSTEM AND FOREBAY IN ORDER TO MAINTAIN NITROGEN REMOVAL PERFORMANCE                    |                                 | ONCE EVERY 3 YEARS                                       |
| REMEDY:<br>THE VEGETATION SHOULD BE CUT AND REMOVED FROM THE SYSTEM TO PREVENT NITROGEN FROM CYCLING BACK INTO THE SYSTEM             |                                 |  |

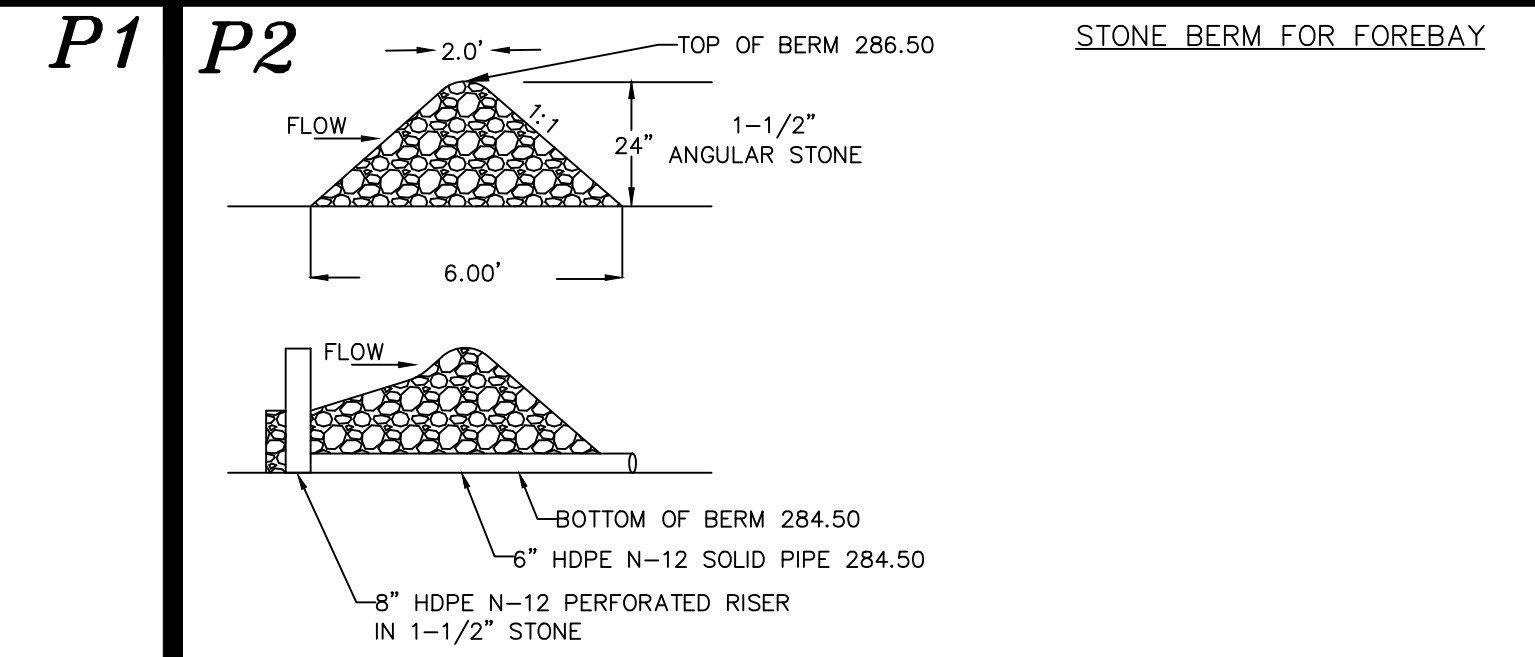
| 3/8" WASHED CRUSHED STONE* |                     | 1-1/2" WASHED CRUSHED STONE* |                     |
|----------------------------|---------------------|------------------------------|---------------------|
| SIEVE SIZE                 | % PASSING BY WEIGHT | SIEVE SIZE                   | % PASSING BY WEIGHT |
| 1/2"                       | 100                 | 2"                           | 100                 |
| 3/8"                       | 95 - 100            | 1-1/2"                       | 90 - 100            |
| # 4                        | 22 - 55             | 1"                           | 20 - 55             |
| # 8                        | 0 - 10              | 1-1/2"                       | 0 - 15              |
|                            |                     | 3/8"                         | 0 - 5               |

\* EQUIVALENT TO STANDARD WASHED STONE - SECTION 702 OF NHDOT STANDARD SPECIFICATIONS

| WETLAND SOIL |                     |
|--------------|---------------------|
| SIEVE SIZE   | % PASSING BY WEIGHT |
| 0.5          | 100                 |
| #10          | 90 - 75             |
| #100         | 40 - 50             |
| #200         | 25 - 50             |

| DESIGN TOLERANCES |                      |
|-------------------|----------------------|
| SIEVE SIZE        | % PASSING TOLERANCES |
| 0.5               | ±10.0                |
| #10               | ±5.0                 |
| #100              | ±5.0                 |
| #200              | ±5.0                 |

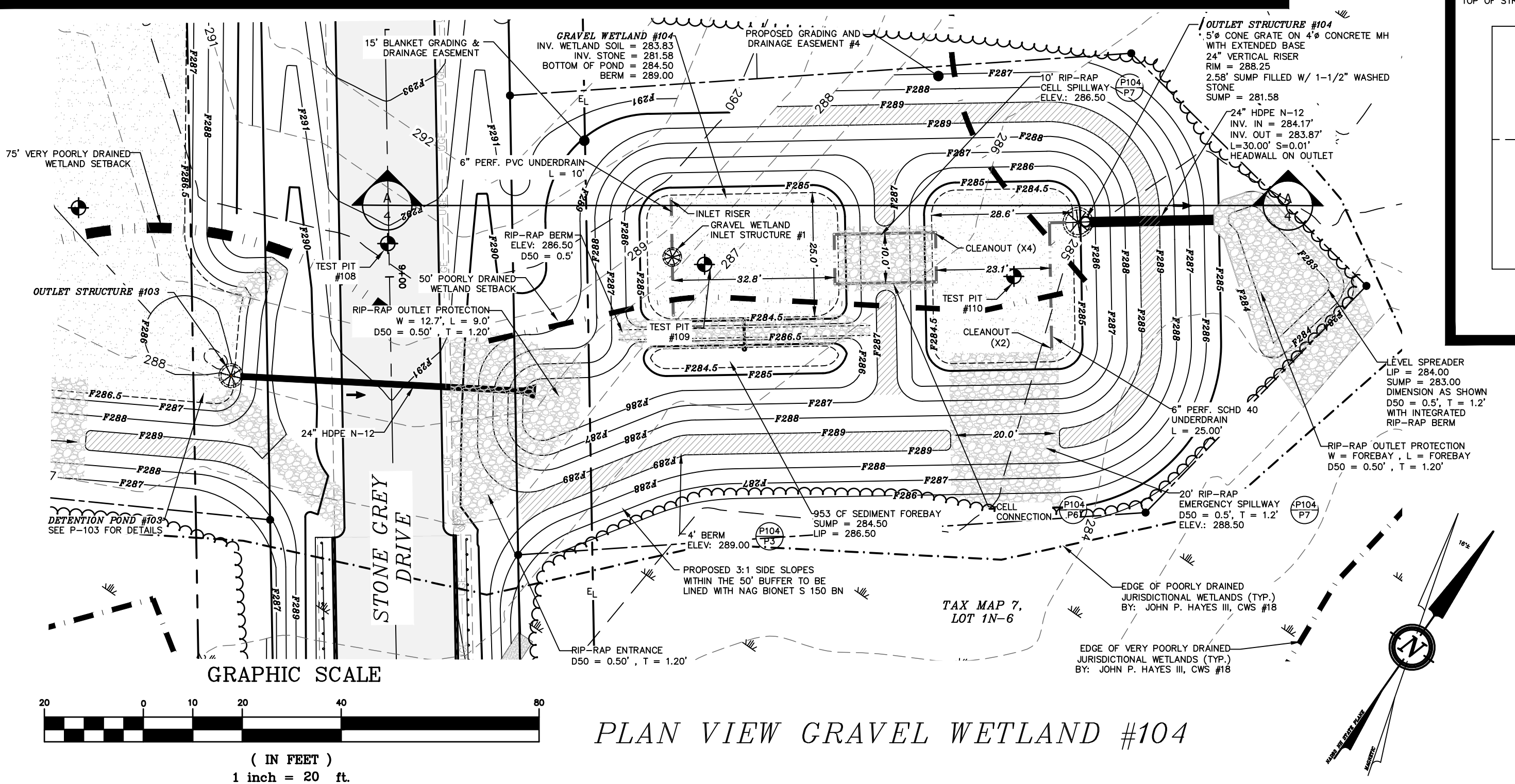
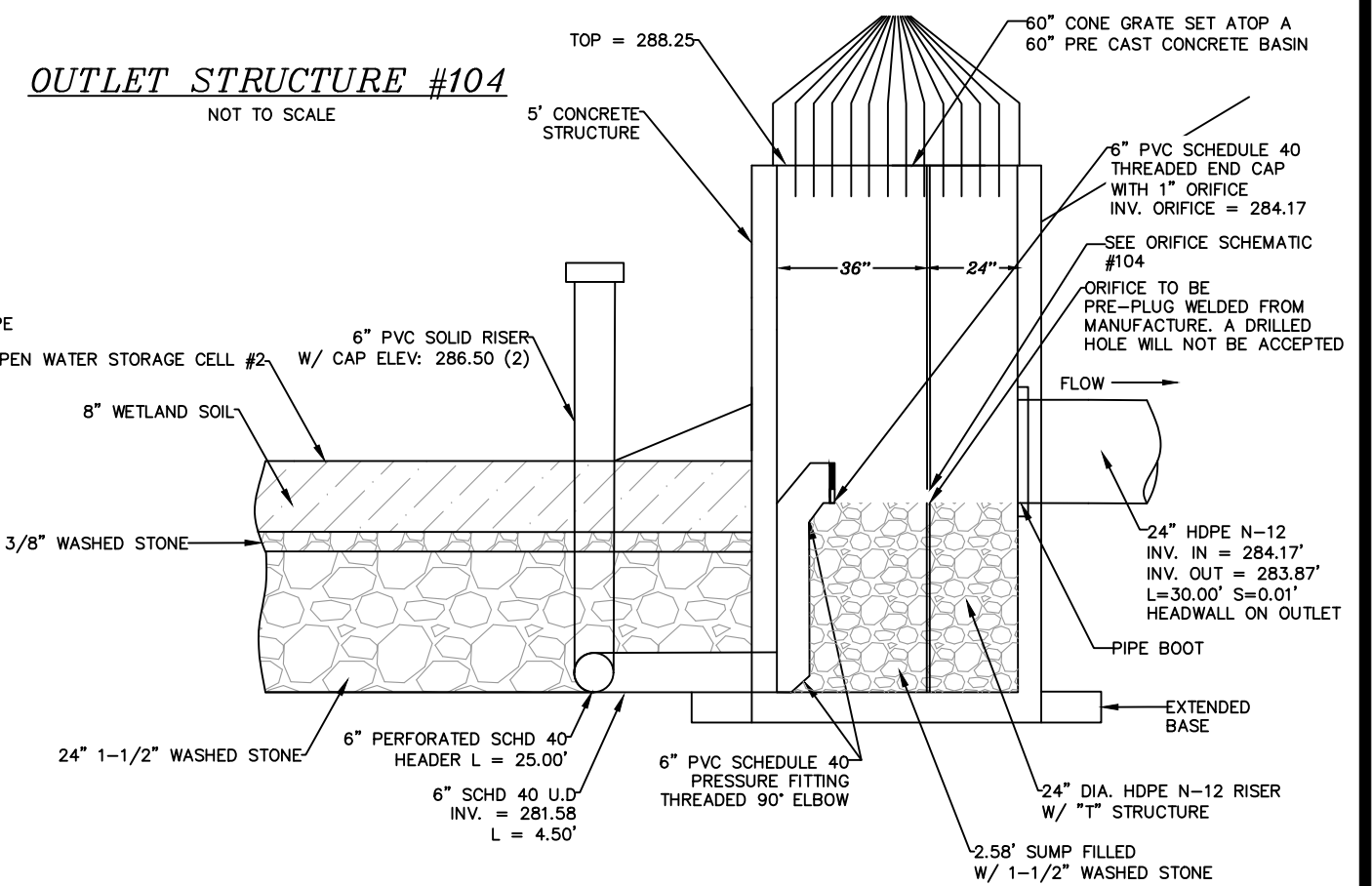
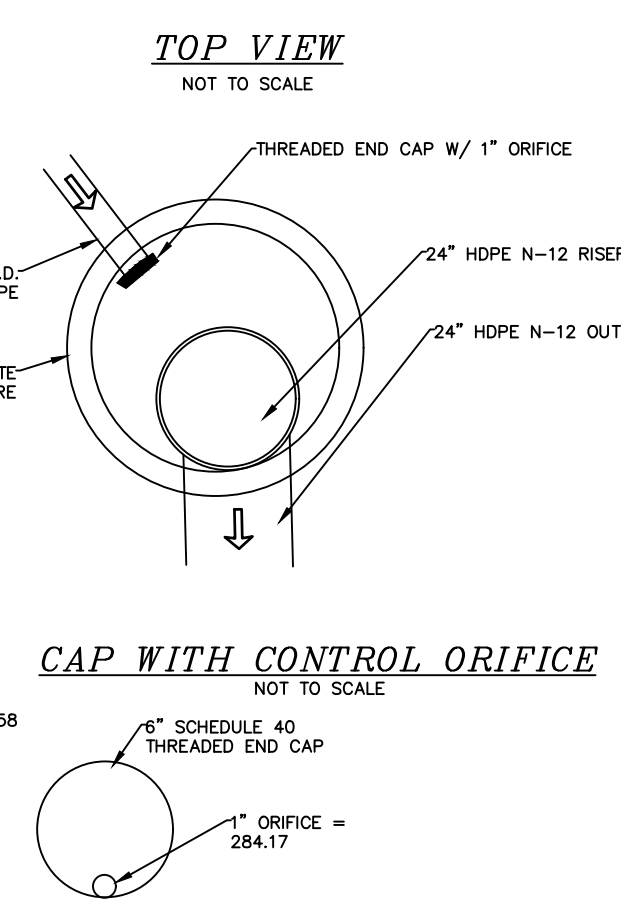
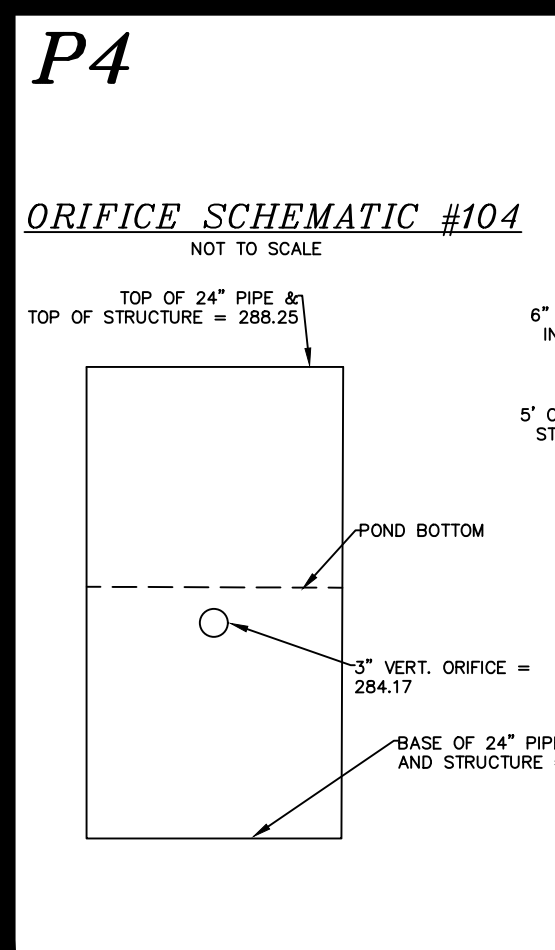
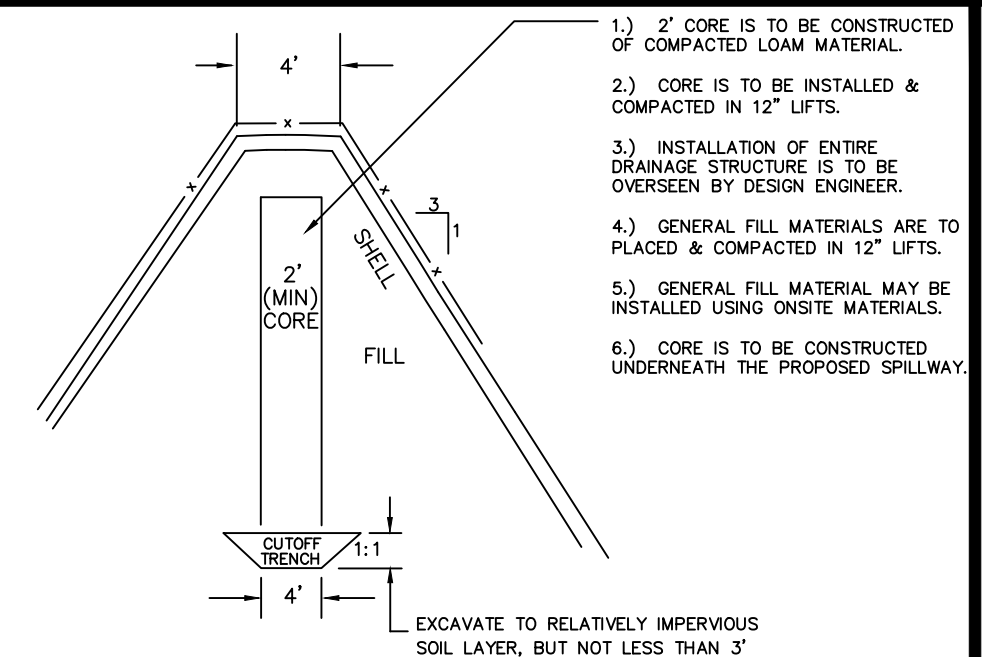
DESIGN REFERENCES  
1 UNH STORMWATER CENTER



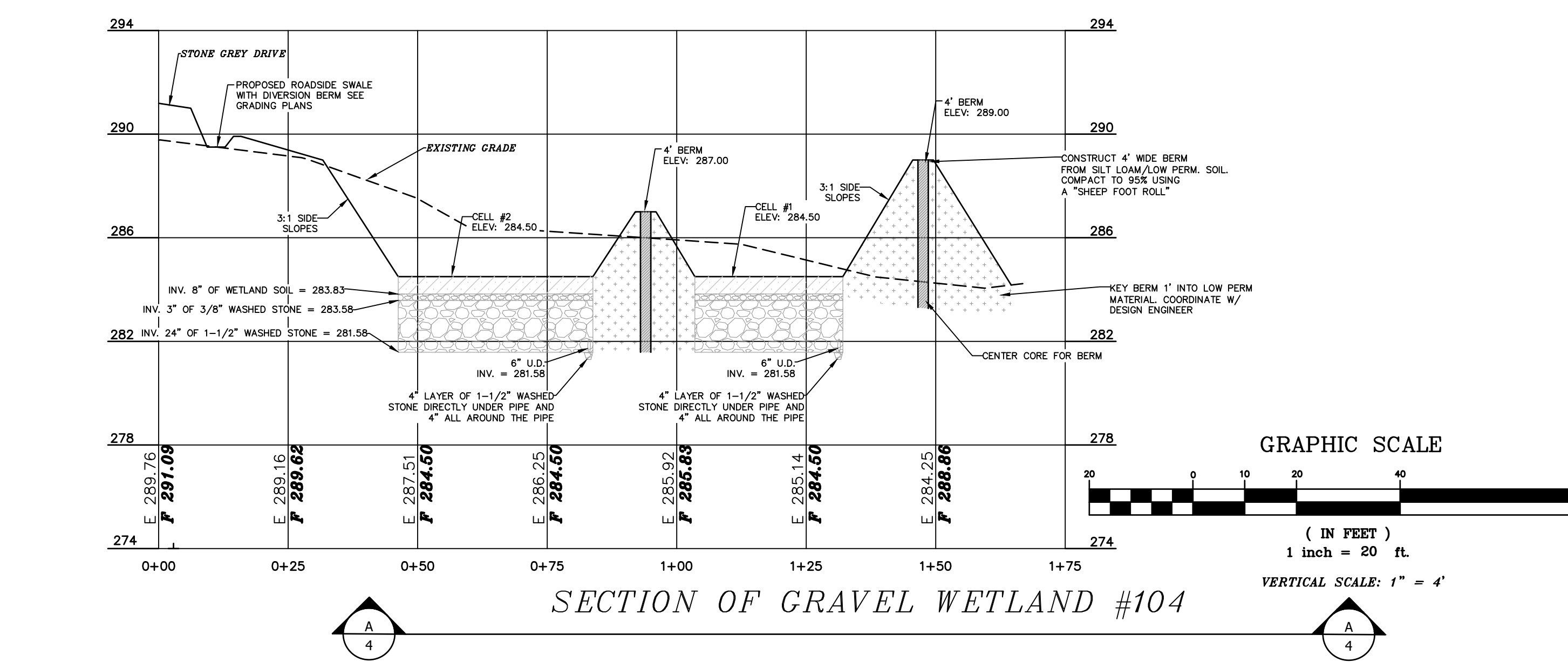
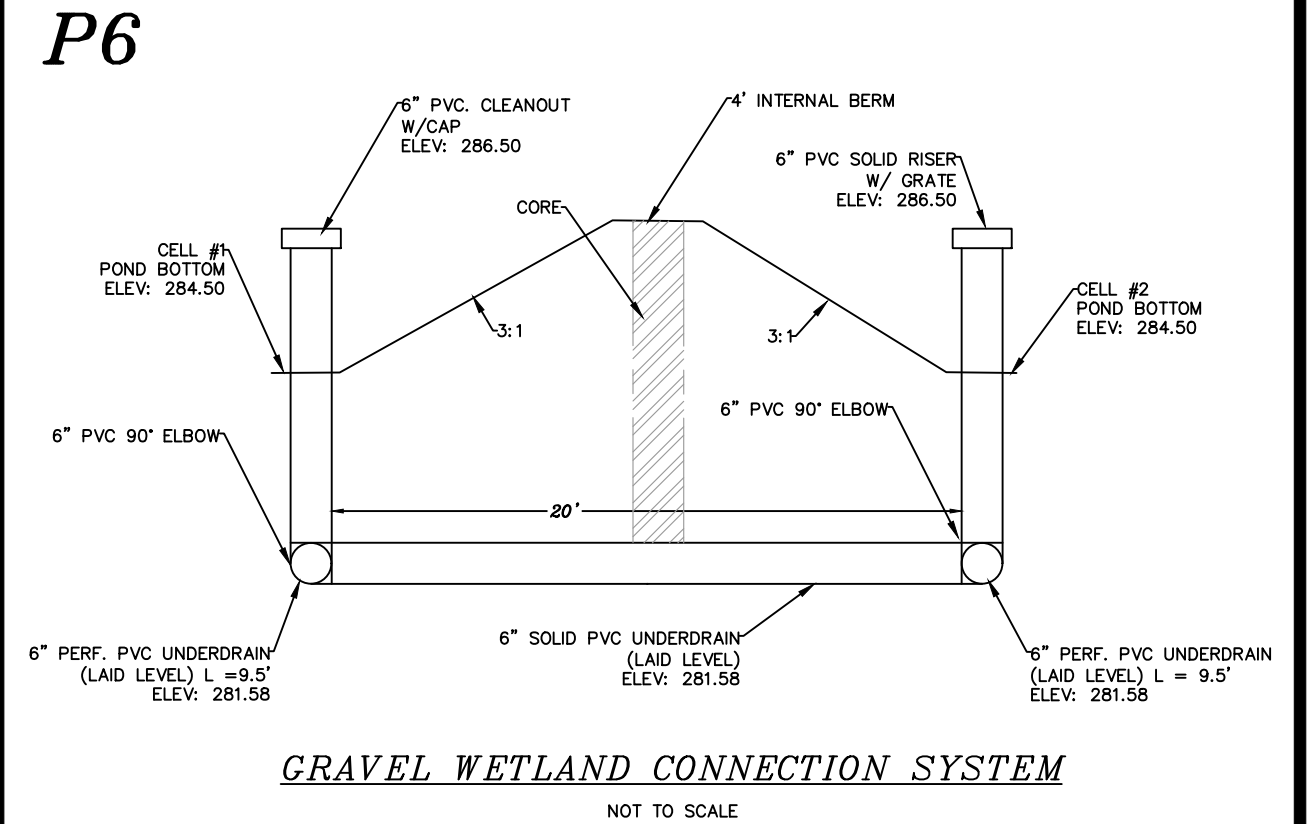
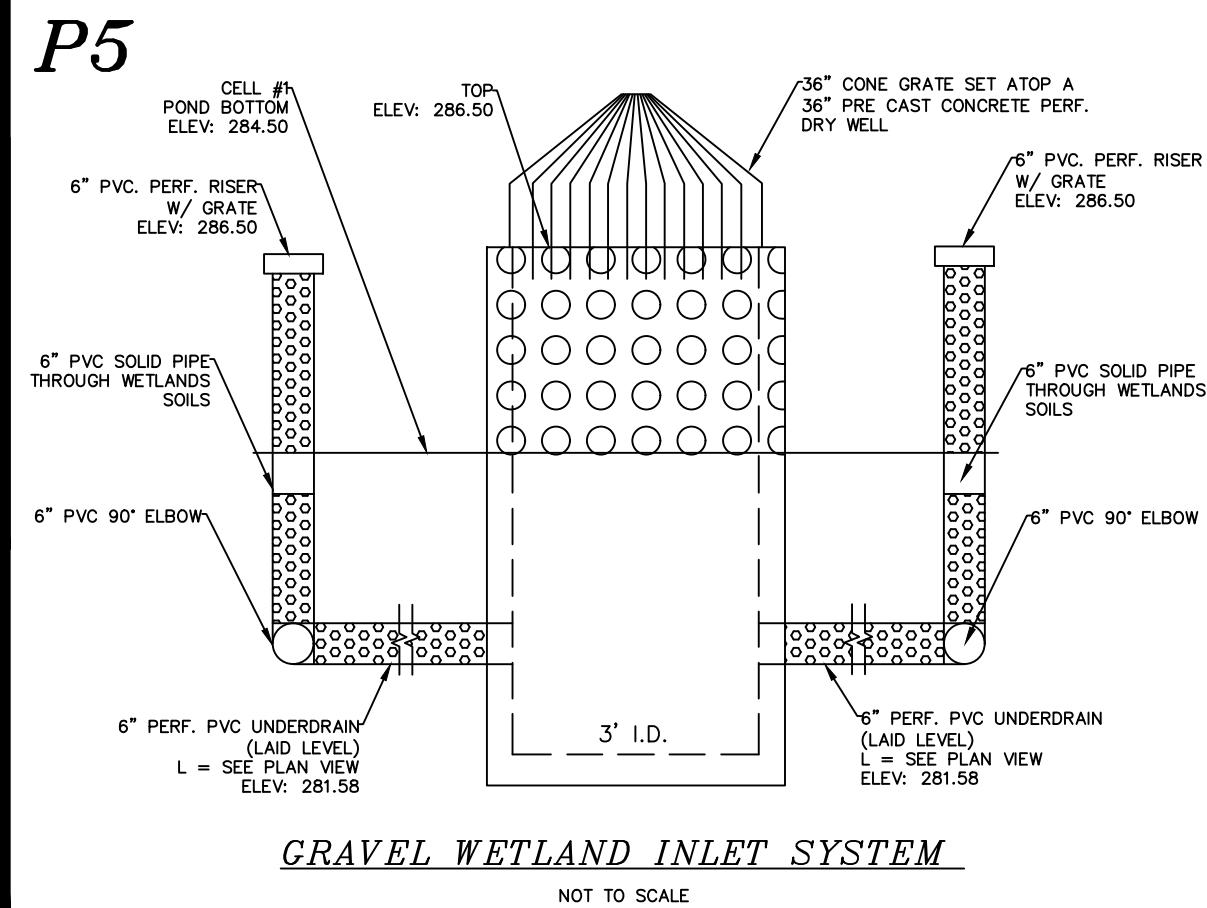
**P3**

LOW PERMEABILITY MATERIAL GRADATION

| SIEVE SIZE | % PASSING BY WEIGHT |
|------------|---------------------|
| #4         | 95 - 100            |
| #40        | 60 - 95             |
| #100       | 40 - 60             |
| #200       | 25 - 45             |



PLAN VIEW GRAVEL WETLAND #104



SECTION OF GRAVEL WETLAND #104

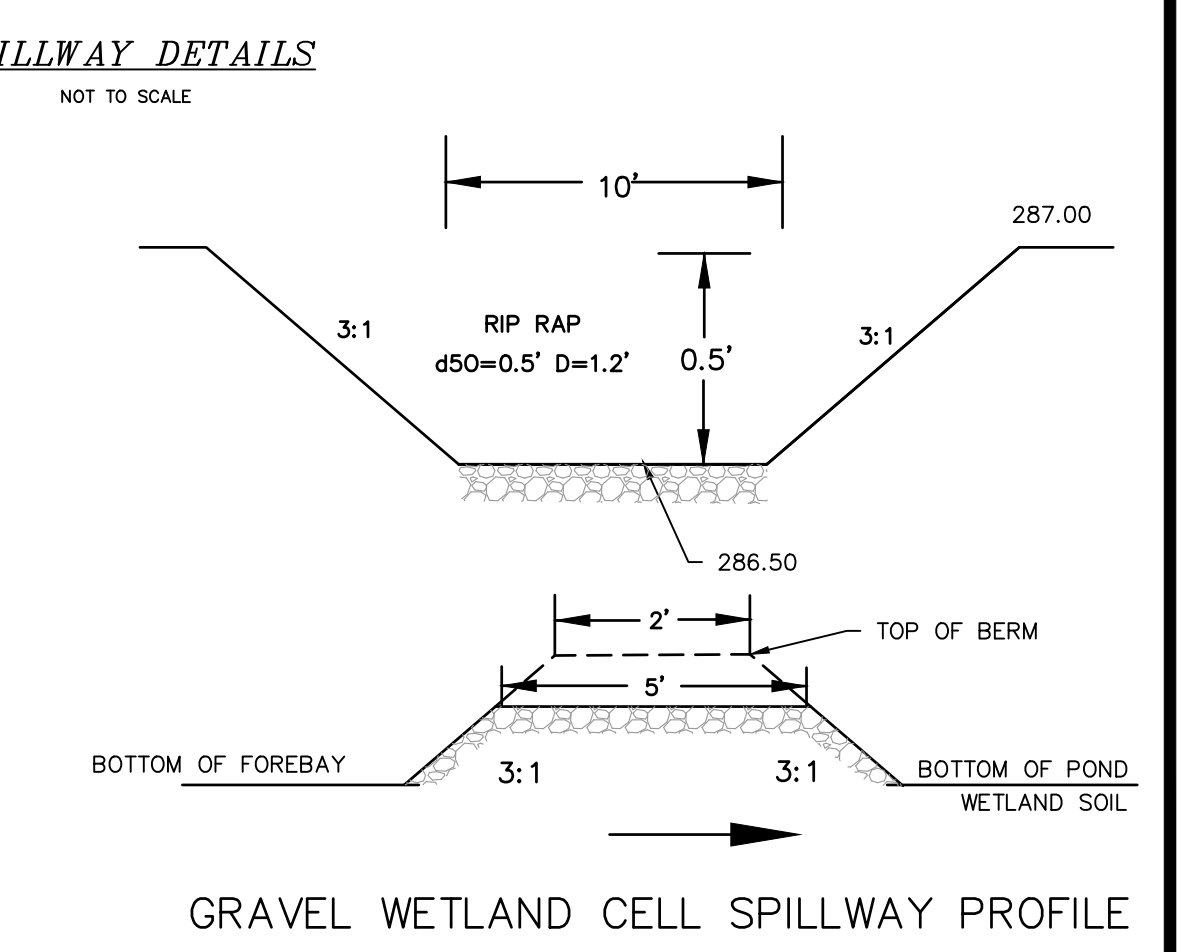
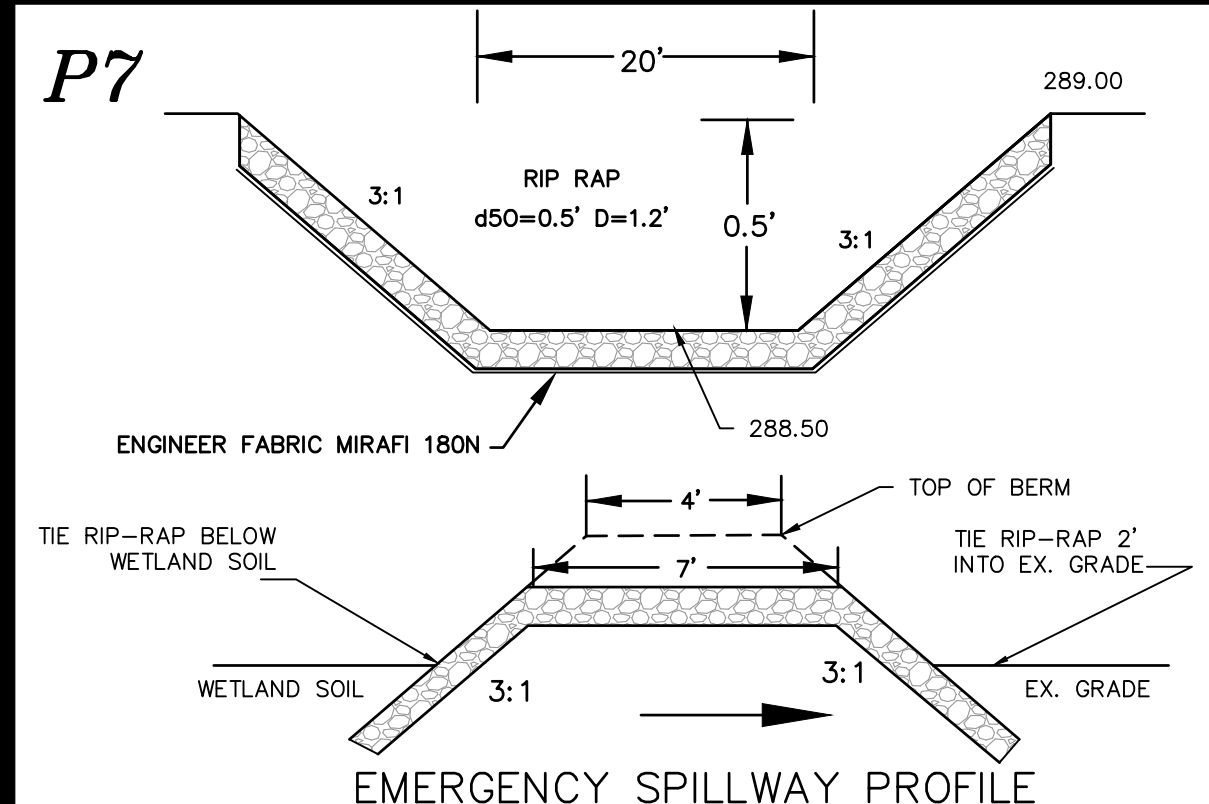


TABLE 7-24--RECOMMENDED RIP RAP GRADATION RANGES

| d50 SIZE =                                  | 0.5 FEET                    | 6 INCHES |
|---|-----------------------------|----------|
| % OF WEIGHT SMALLER THAN THE GIVEN d50 SIZE | SIZE OF STONE (INCHES) FROM | TO       |
| 100%  | 9                           | 12       |
| 85%   | 8                           | 11       |
| 50%   | 6                           | 9        |
| 15%   | 2                           | 3        |

| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

GRAVEL WETLAND #104  
LAND OF  
ROBERT L. BIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 20 FT.  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125

P-104  
SHEET 30 OF 49



**MAINTENANCE REQUIREMENTS**

| ACTIVITY   | FREQUENCY  |
|--|--|
| <b>CLOGGING AND SYSTEM PERFORMANCE</b>   |  |
| INSPECT INLETS AND OUTLETS TO ENSURE GOOD CONDITION AND NO EVIDENCE OF DETERIORATION. CHECK TO SEE IF HIGH-FLOW BYPASS IS FUNCTIONING. | ANNUALLY, MORE FREQUENTLY IN THE FIRST YEAR OF OPERATION |
| REMEDY: REPAIR OR REPLACE ANY DAMAGED STRUCTURAL PARTS, INLETS AND OUTLETS. CLEAR OR REMOVE DEBRIS OR RESTRICTIONS.                    |  |
| CHECK FOR INTERNAL EROSION, EVIDENCE OF SHORT-CIRCUITING, AND ANIMAL BURROWS.  |  |
| REMEDY: SOIL EROSION FROM SHORT-CIRCUITING OR ANIMAL BURROWS SHOULD BE REPAIRED WHEN THEY OCCUR.                                       | ONCE EVERY 3 YEARS                                       |
| CHECK THAT THE SYSTEM IS FULLY DRAINING WITHIN A 24-48 HOUR PERIOD AFTER RAIN EVENTS.  |  |
| REMEDY: REPAIR OR RESTORE HYDRAULIC INLET OR OUTLET CONFIGURATION.   |  |
| <b>VEGETATION</b>  |  |
| CHECK FOR ROBUST VEGETATION COVERAGE THROUGHOUT THE SYSTEM AND DEAD OR DYING PLANTS  | ANNUALLY, OR AS NEEDED                                   |
| REMEDY: VEGETATION SHOULD COVER > 75% OF THE SYSTEM AND SHOULD BE RESEEDED AND CARED FOR AS NEEDED                                     |  |
| CUT AND REMOVE VEGETATION FROM GRAVEL WETLAND SYSTEM AND FOREBAY IN ORDER TO MAINTAIN NITROGEN REMOVAL PERFORMANCE                     | ONCE EVERY 3 YEARS                                       |
| REMEDY: THE VEGETATION SHOULD BE CUT AND REMOVED FROM THE SYSTEM TO PREVENT NITROGEN FROM CYCLING BACK INTO THE SYSTEM                 |  |

| 3/8" WASHED CRUSHED STONE* |                     | 1-1/2" WASHED CRUSHED STONE* |                     |
|----------------------------|---------------------|------------------------------|---------------------|
| SIEVE SIZE                 | % PASSING BY WEIGHT | SIEVE SIZE                   | % PASSING BY WEIGHT |
| 1/2"                       | 100                 | 2"                           | 100                 |
| 3/8"                       | 95 - 100            | 1-1/2"                       | 90 - 100            |
| # 4                        | 22 - 55             | 1"                           | 20 - 55             |
| # 8                        | 0 - 10              | 1/2"                         | 0 - 15              |
|                            |                     | 3/8"                         | 0 - 5               |

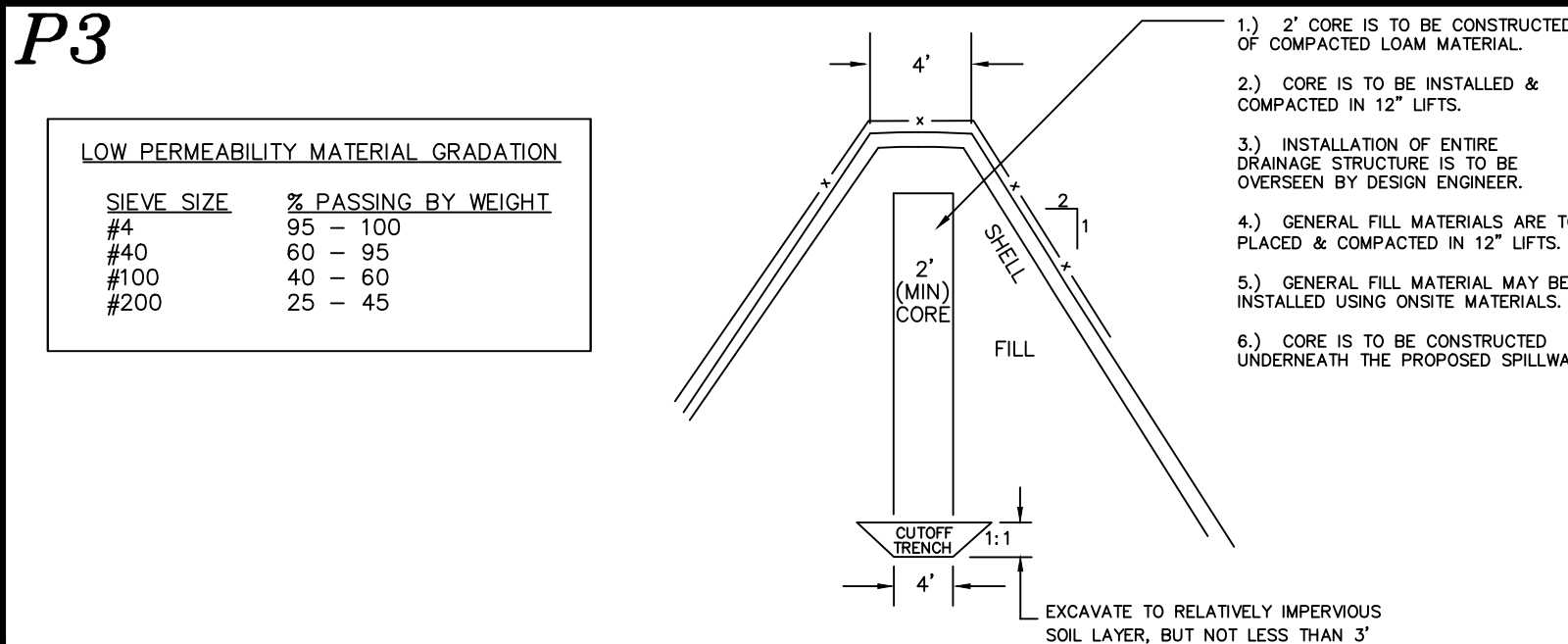
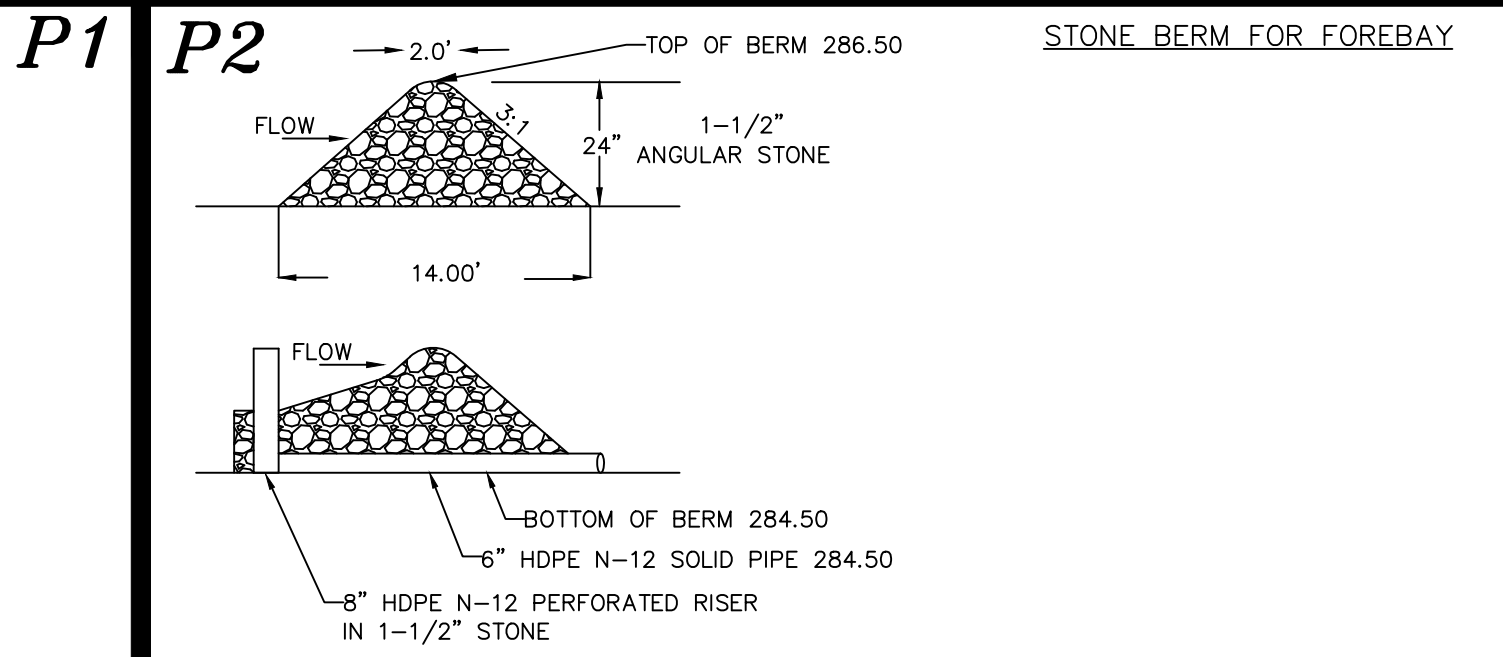
\* EQUIVALENT TO STANDARD WASHED STONE - SECTION 702 OF NHDOT STANDARD SPECIFICATIONS

| WETLAND SOIL |                     |
|--------------|---------------------|
| SIEVE SIZE   | % PASSING BY WEIGHT |
| 0.5          | 100                 |
| #10          | 90 - 75             |
| #100         | 40 - 50             |
| #200         | 25 - 50             |

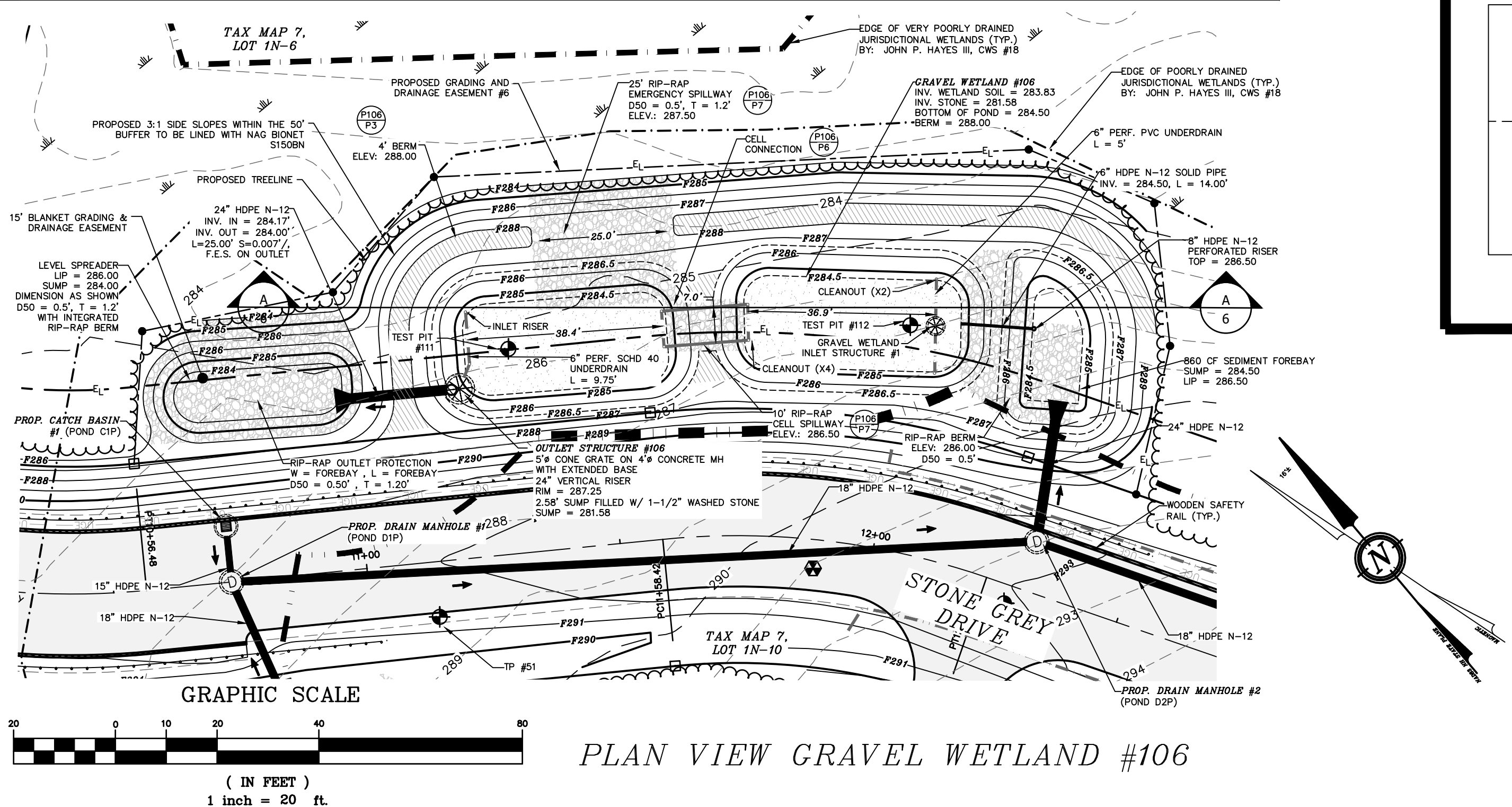
  

| SIEVE SIZE % PASSING TOLERANCES |                      |
|---------------------------------|----------------------|
| SIEVE SIZE                      | % PASSING TOLERANCES |
| 0.5                             | ±10.0                |
| #10                             | ±5.0                 |
| #100                            | ±5.0                 |
| #200                            | ±5.0                 |

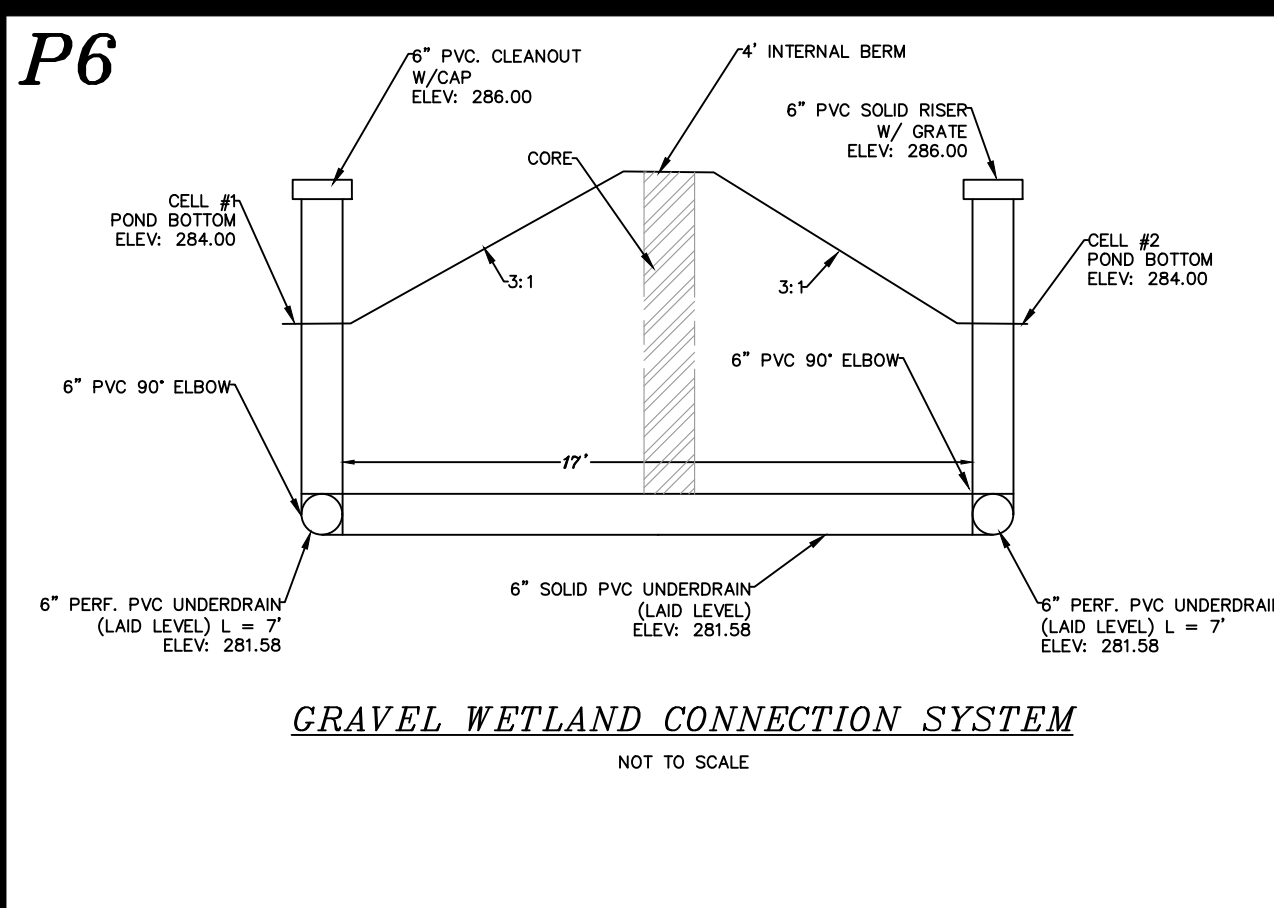
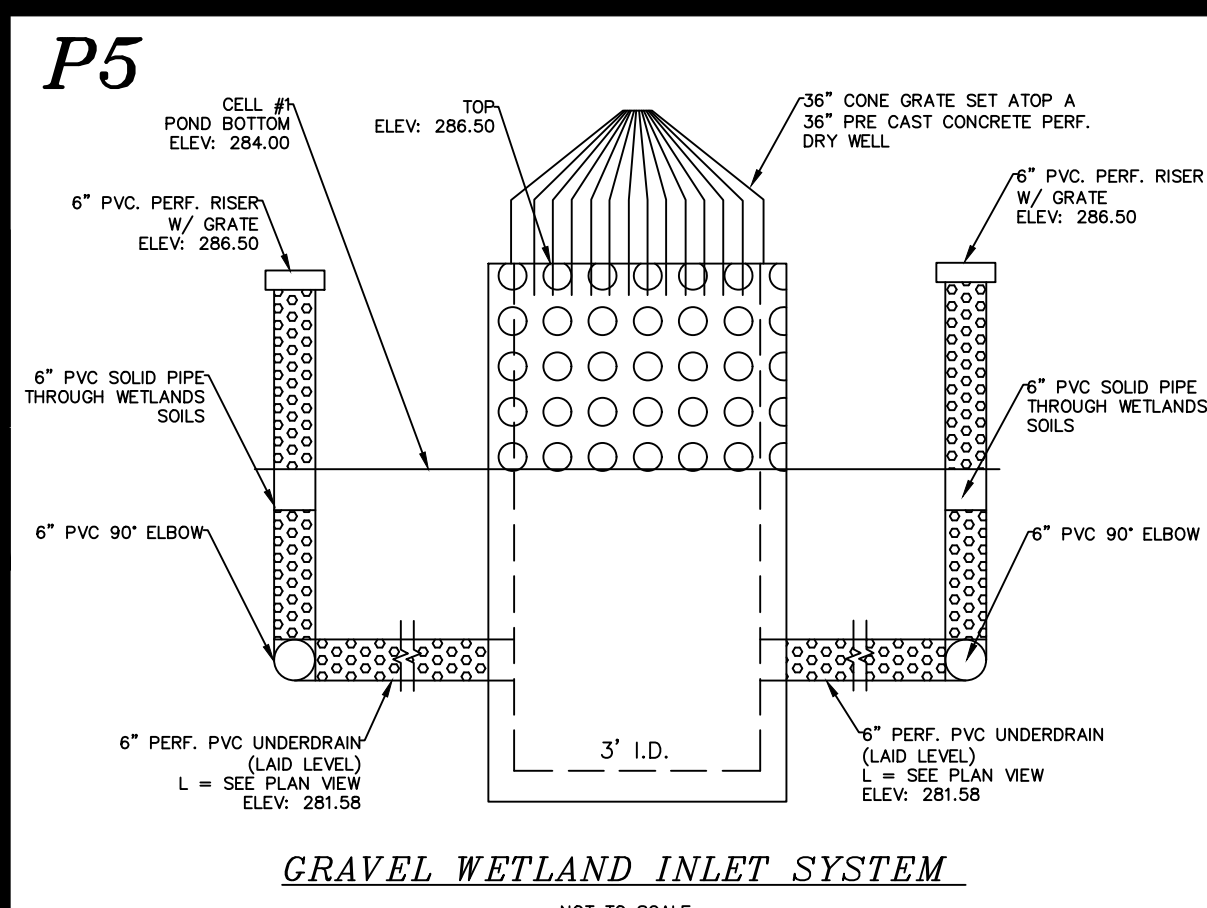
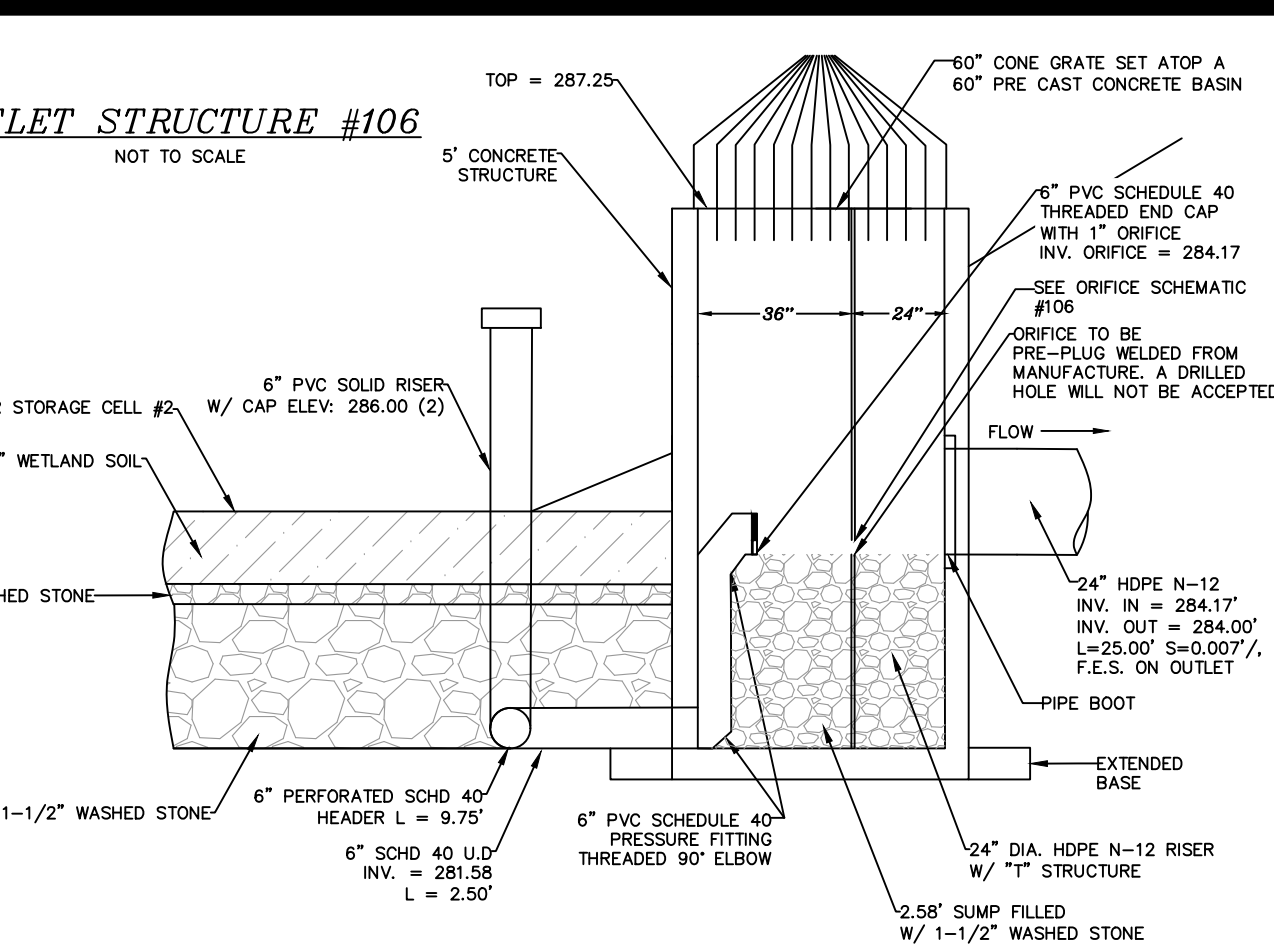
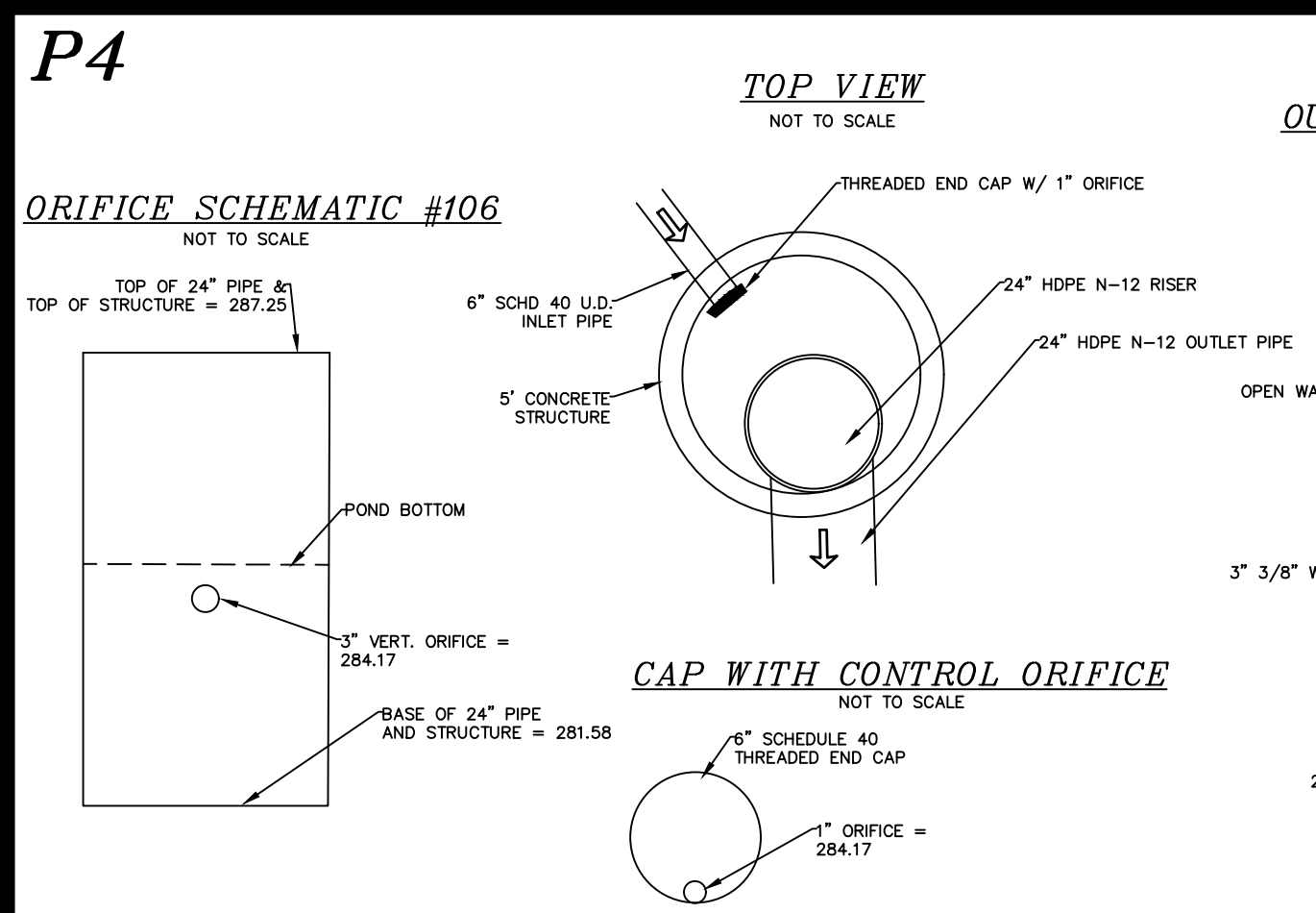
DESIGN REFERENCES  
1 UNH STORMWATER CENTER



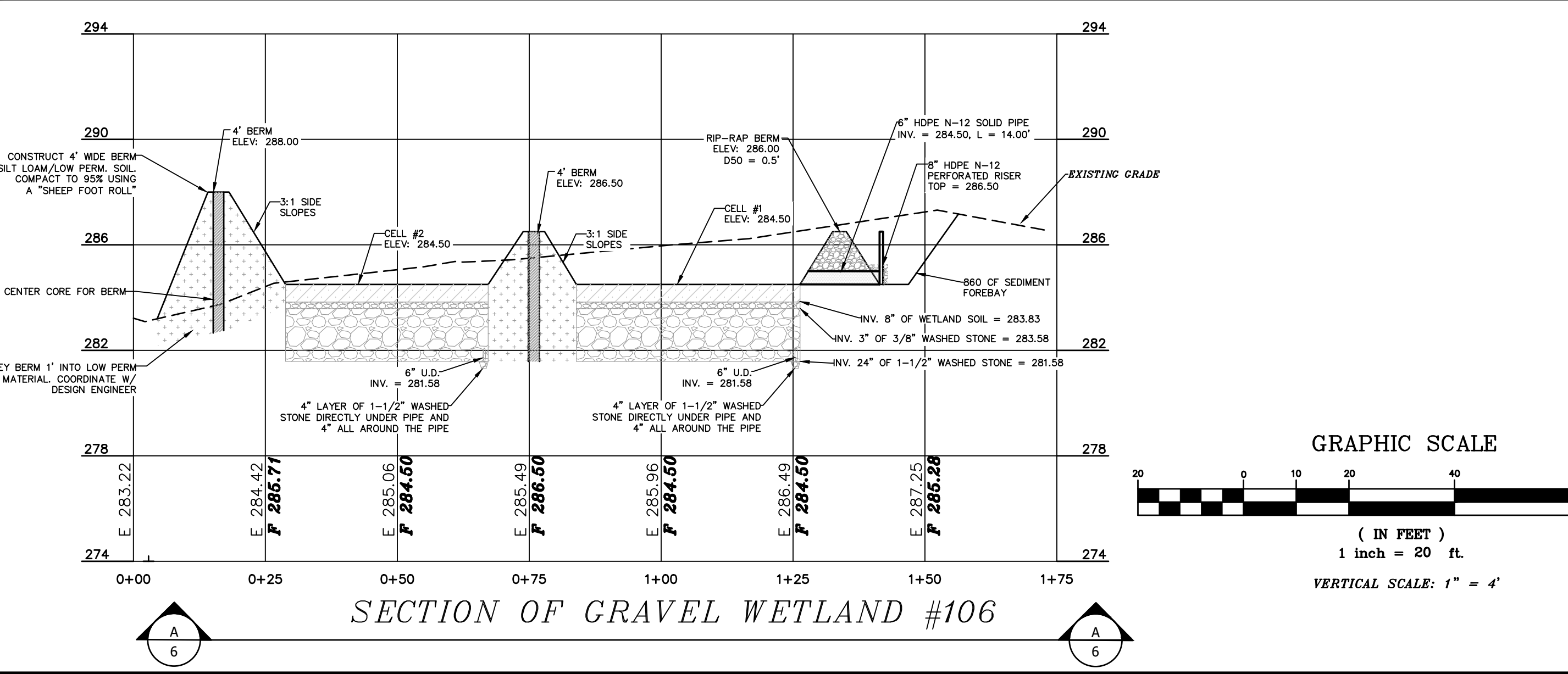
| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |



PLAN VIEW GRAVEL WETLAND #106



GRAVEL WETLAND #106  
LAND OF  
ROBERT L. BERTHO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N



SECTION OF GRAVEL WETLAND #106

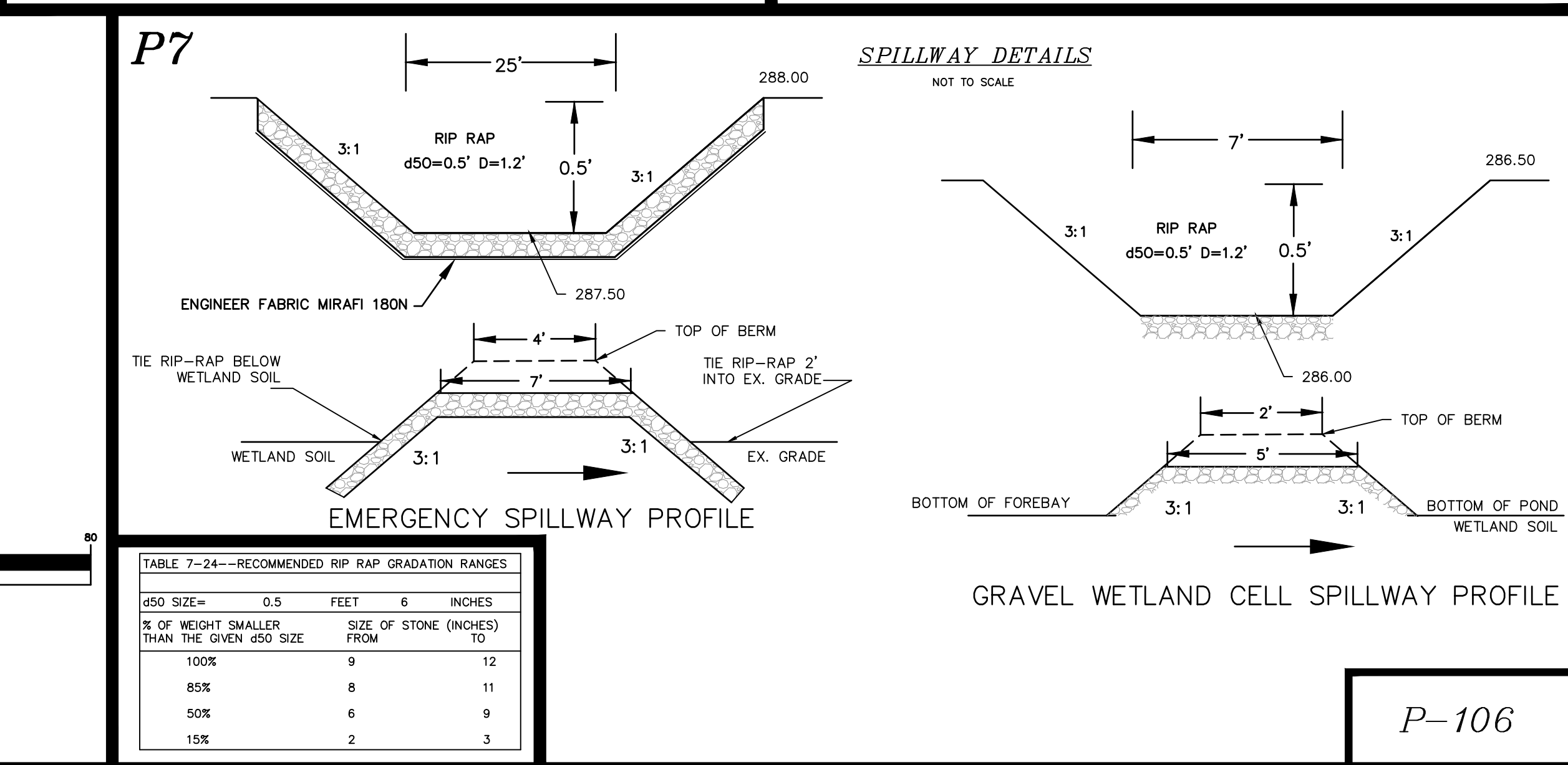


TABLE 7-24--RECOMMENDED RIP RAP GRADATION RANGES

| d50 SIZE=                                   | 0.5 FEET                    | 6 INCHES |
|---|-----------------------------|----------|
| % OF WEIGHT SMALLER THAN THE GIVEN d50 SIZE | SIZE OF STONE (INCHES) FROM | TO       |
| 100%  | 9                           | 12       |
| 85%   | 8                           | 11       |
| 50%   | 6                           | 9        |
| 15%   | 2                           | 3        |

**BERRY SURVEYING & ENGINEERING**  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 20 FT.  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125

KENNETH A. BERRY  
No. 18243  
LICENSED PROFESSIONAL ENGINEER



**MAINTENANCE REQUIREMENTS**

| ACTIVITY   | CLOGGING AND SYSTEM PERFORMANCE | FREQUENCY  |
|--|---------------------------------|--|
| INSPECT INLETS AND OUTLETS TO ENSURE GOOD CONDITION AND NO EVIDENCE OF DETERIORATION. CHECK TO SEE IF HIGH-FLOW BYPASS IS FUNCTIONING. |                                 |  |
| REPAIR OR REPLACE ANY DAMAGED STRUCTURAL PARTS, INLETS AND OUTLETS. CLEAR OR REMOVE DEBRIS OR RESTRICTIONS.                            |                                 |  |
| CHECK FOR INTERNAL EROSION, EVIDENCE OF SHORT-CIRCUITING, AND ANIMAL BURROWS.  |                                 | ANNUALLY, MORE FREQUENTLY IN THE FIRST YEAR OF OPERATION |
| REMEDY: SOIL EROSION FROM SHORT-CIRCUITING OR ANIMAL BURROWS SHOULD BE REPAIRED WHEN THEY OCCUR.                                       |                                 |  |
| CHECK THAT THE SYSTEM IS FULLY DRAINING WITHIN A 24-48 HOUR PERIOD AFTER RAIN EVENTS.  |                                 |  |
| REMEDY: REPAIR OR RESTORE HYDRAULIC INLET OR OUTLET CONFIGURATION.   |                                 |  |
| CHECK FOR ROBUST VEGETATION COVERAGE THROUGHOUT THE SYSTEM AND DEAD OR DYING PLANTS  |                                 | ANNUALLY, OR AS NEEDED                                   |
| REMEDY: VEGETATION SHOULD COVER > 75% OF THE SYSTEM AND SHOULD BE RESEED AND CARED FOR AS NEEDED                                       |                                 |  |
| CUT AND REMOVE VEGETATION FROM GRAVEL WETLAND SYSTEM AND FOREBAY IN ORDER TO MAINTAIN NITROGEN REMOVAL PERFORMANCE                     |                                 | ONCE EVERY 3 YEARS                                       |
| REMEDY: THE VEGETATION SHOULD BE CUT AND REMOVED FROM THE SYSTEM TO PREVENT NITROGEN FROM CYCLING BACK INTO THE SYSTEM                 |                                 |  |

**3/8" WASHED CRUSHED STONE\***

| SIEVE SIZE | % PASSING BY WEIGHT |
|------------|---------------------|
| 1/2"       | 100                 |
| 3/8"       | 95 - 100            |
| # 4        | 22 - 55             |
| # 8        | 0 - 10              |

\* EQUIVALENT TO STANDARD WASHED STONE - SECTION 702 OF NHDOT STANDARD SPECIFICATIONS

**1-1/2" WASHED CRUSHED STONE\***

| SIEVE SIZE | % PASSING BY WEIGHT |
|------------|---------------------|
| 2"         | 100                 |
| 1-1/2"     | 90 - 100            |
| 1"         | 20 - 55             |
| 1-1/2"     | 0 - 15              |
| 3/8"       | 0 - 5               |

\* EQUIVALENT TO STANDARD WASHED STONE - SECTION 702 OF NHDOT STANDARD SPECIFICATIONS

**WETLAND SOIL**

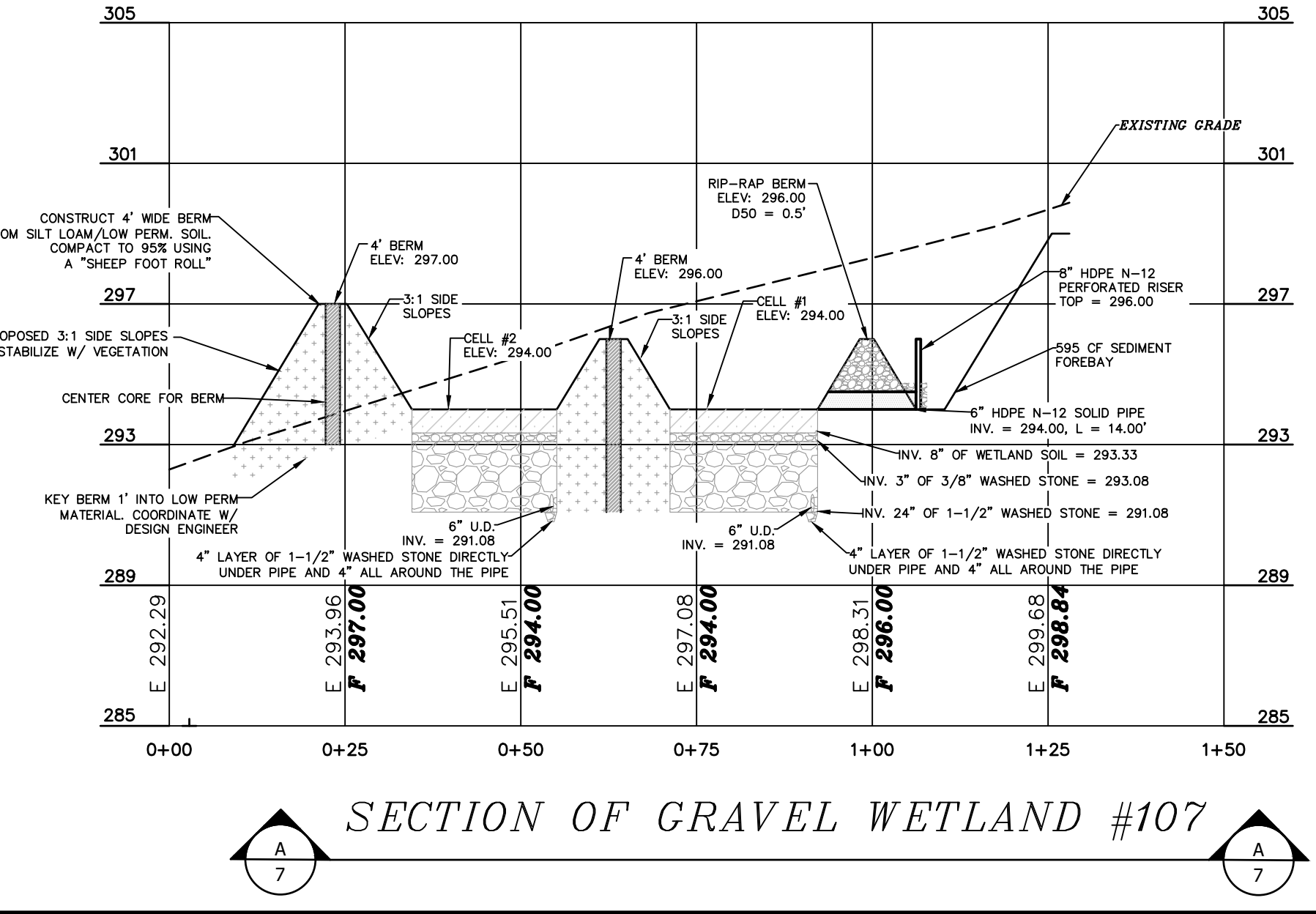
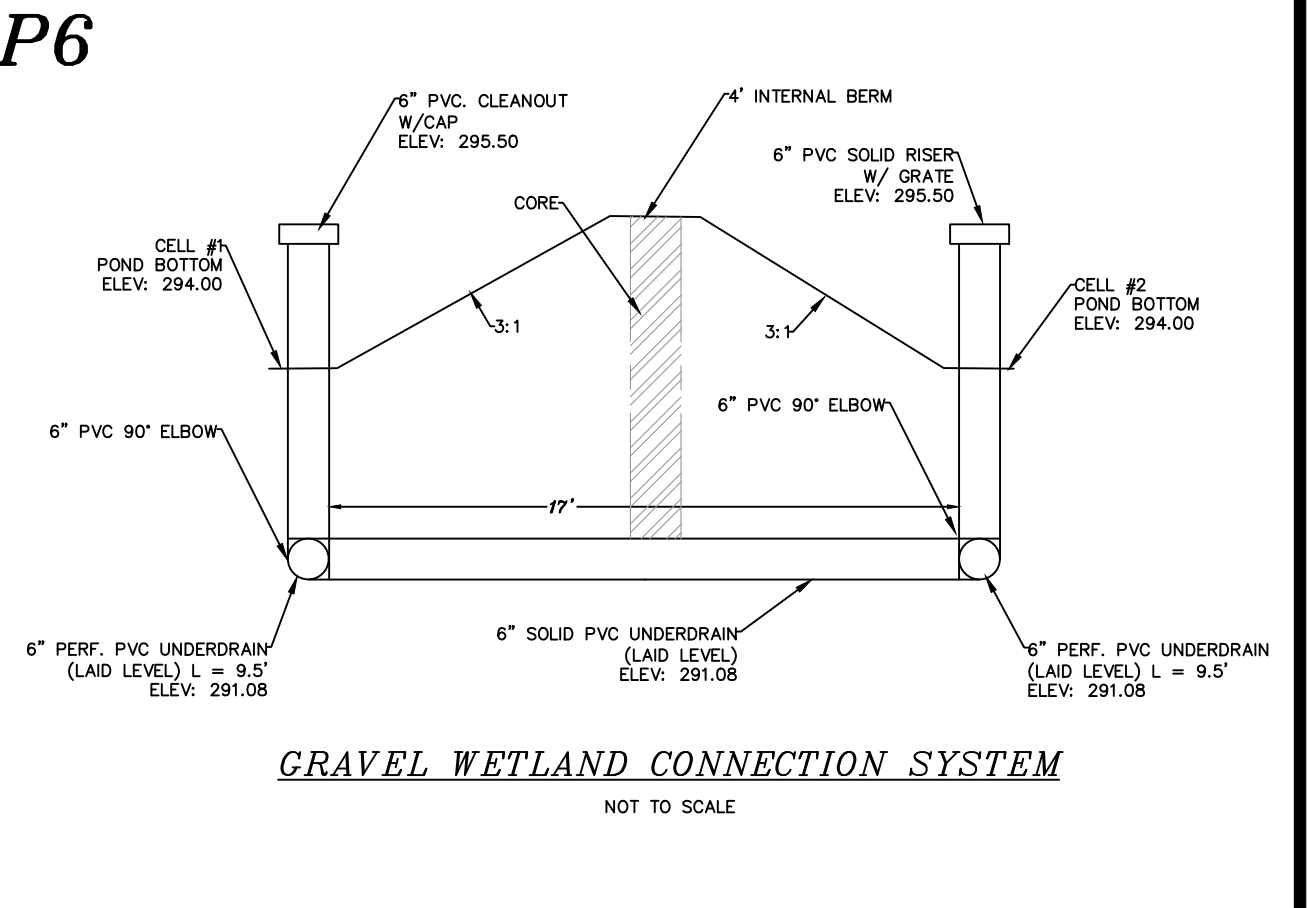
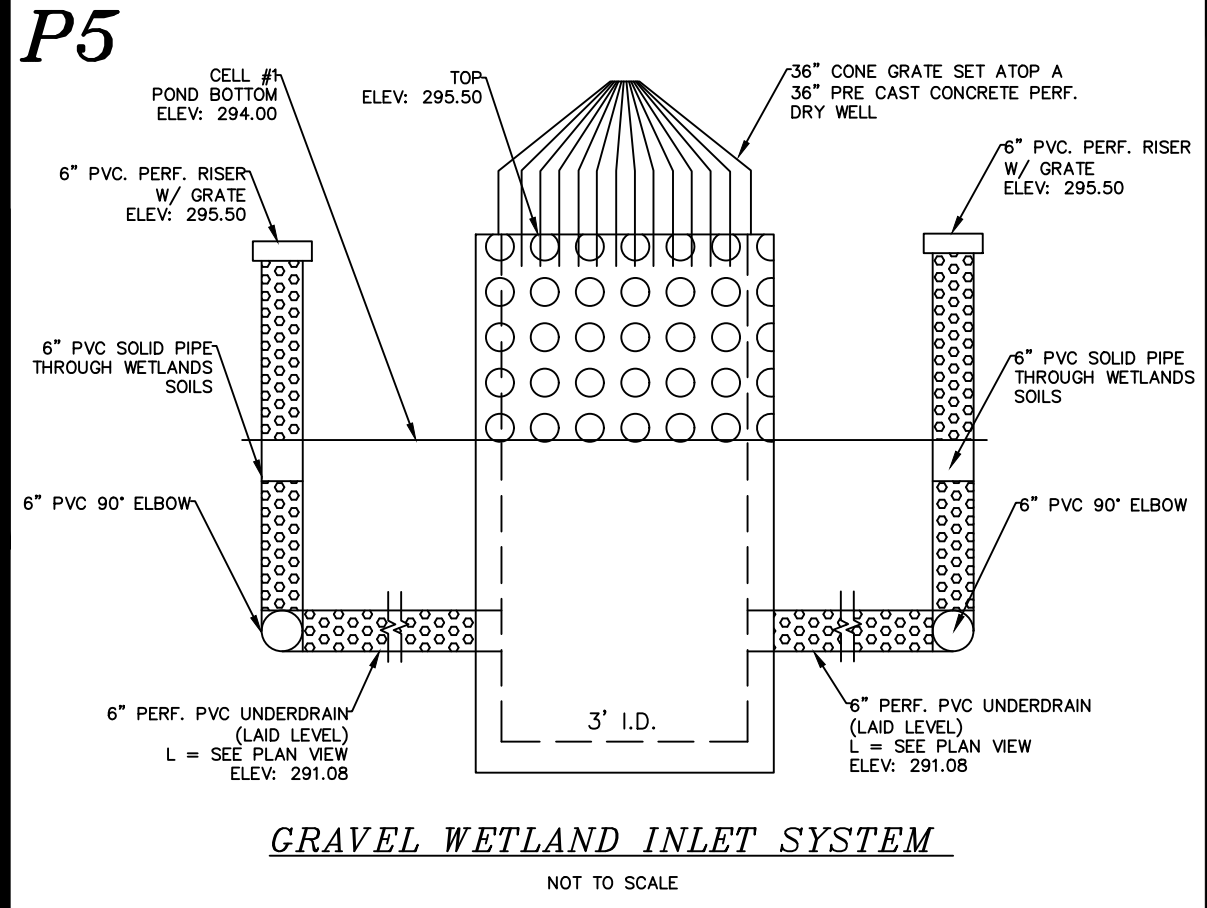
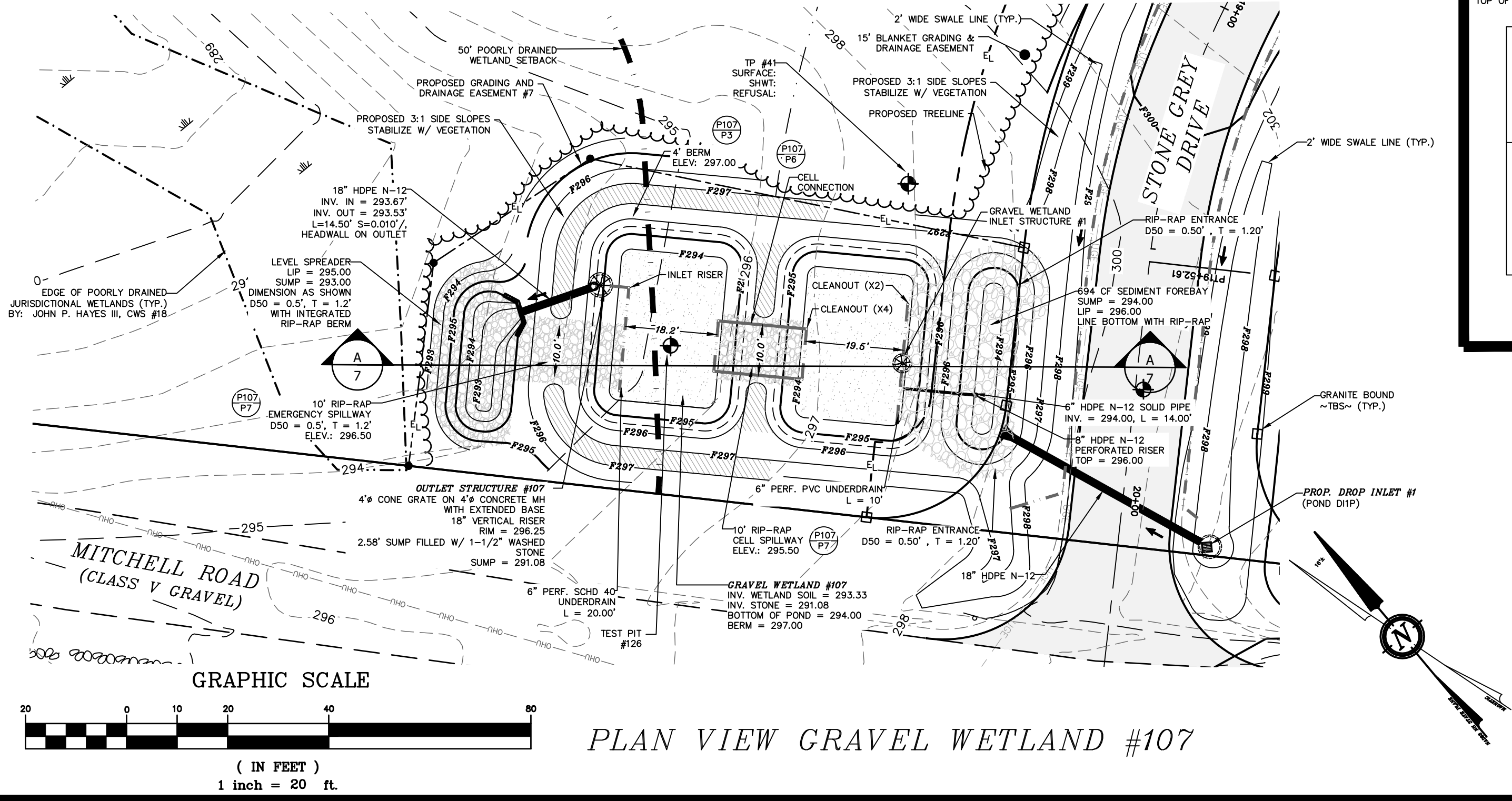
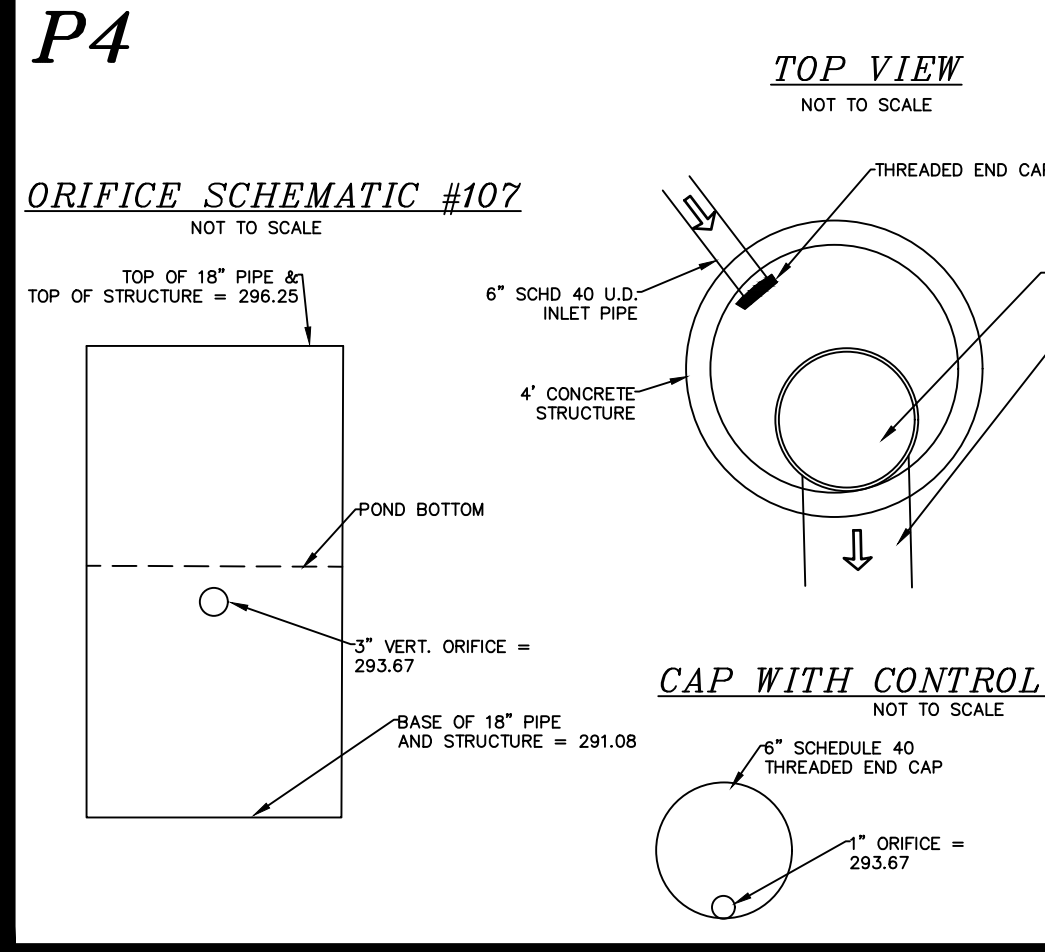
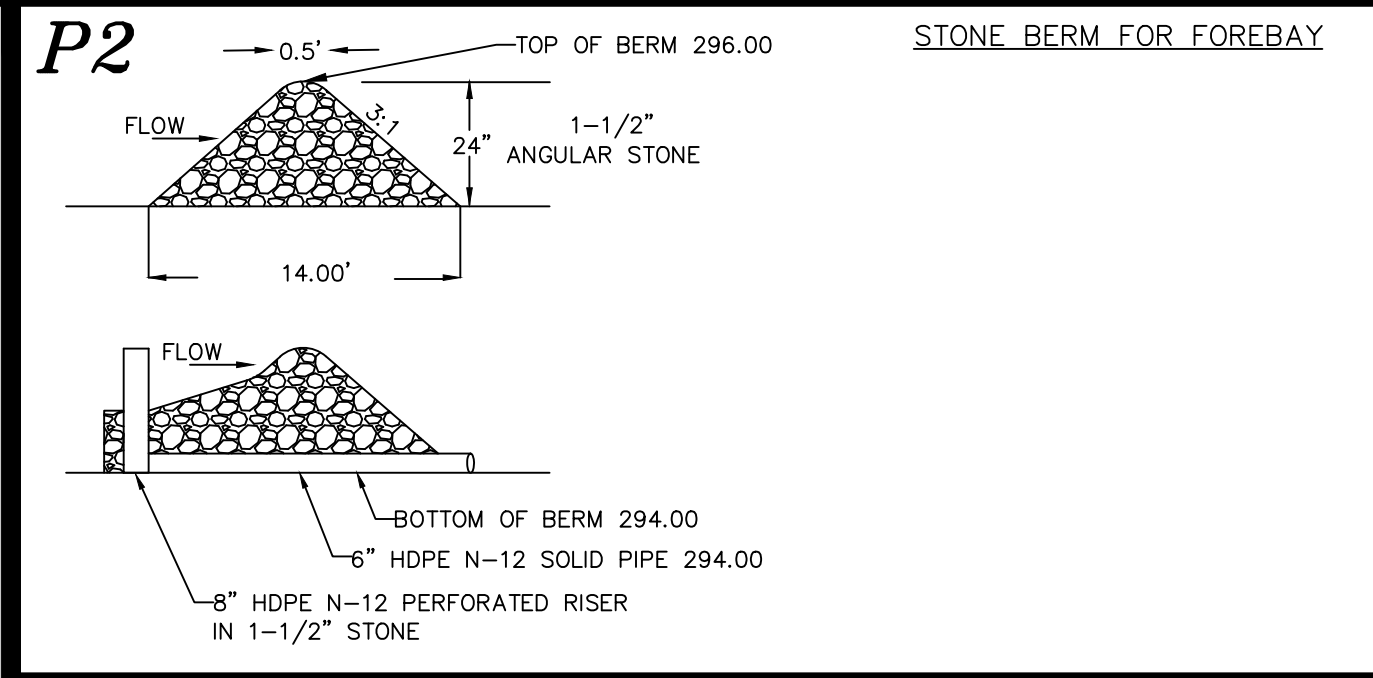
| SIEVE SIZE | % PASSING BY WEIGHT |
|------------|---------------------|
| 0.5        | 100                 |
| #10"       | 90 - 75             |
| #100       | 40 - 50             |
| #200       | 25 - 50             |

**SIEVE SIZE % PASSING TOLERANCES**

| SIEVE SIZE | % PASSING TOLERANCES |
|------------|----------------------|
| 0.5        | ±10.0                |
| #10        | ±5.0                 |
| #100       | ±5.0                 |
| #200       | ±5.0                 |

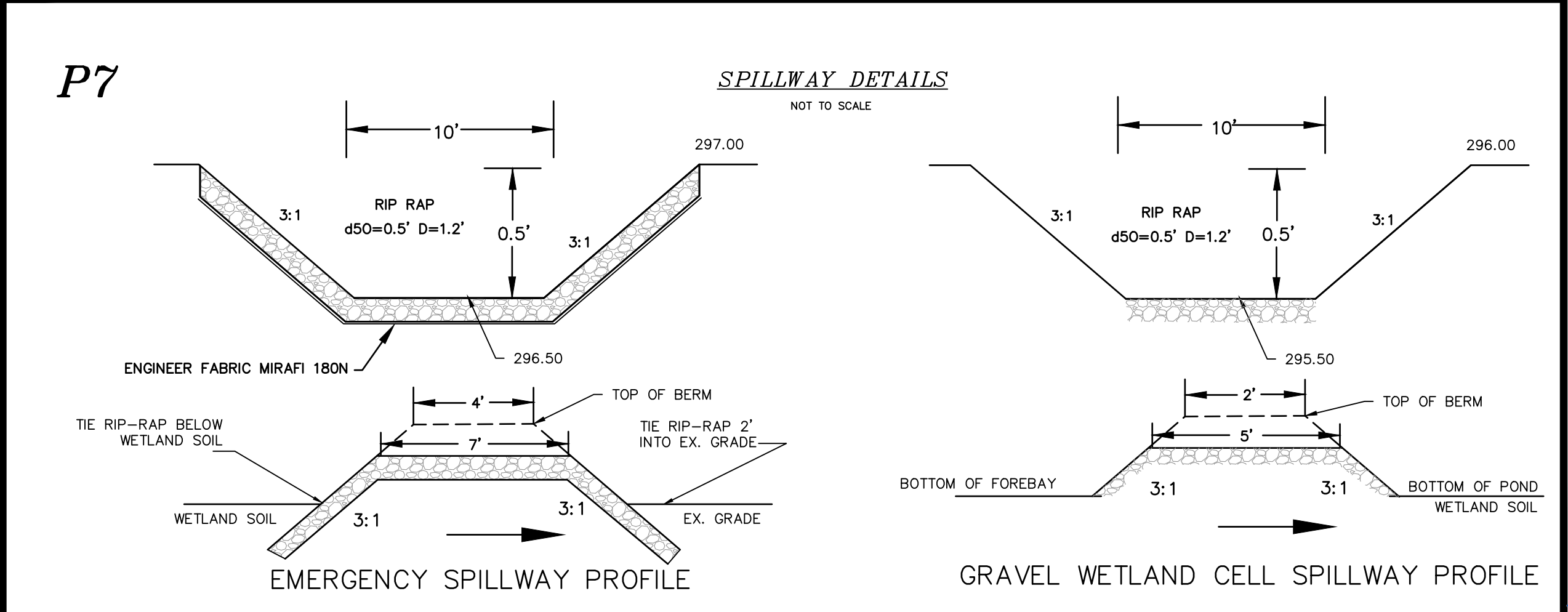
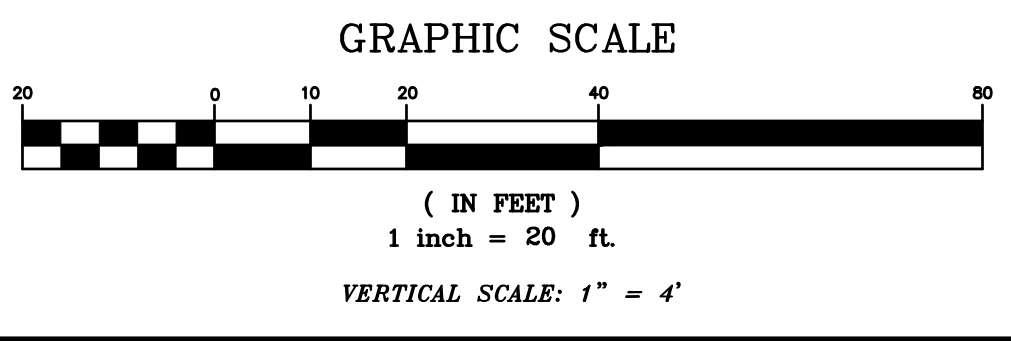
**DESIGN REFERENCES**

1 UNH STORMWATER CENTER



**TABLE 7-24--RECOMMENDED RIP RAP GRADATION RANGES**

| d50 SIZE=                                   | 0.5 FEET                    | 6 INCHES |
|---|-----------------------------|----------|
| % OF WEIGHT SMALLER THAN THE GIVEN d50 SIZE | SIZE OF STONE (INCHES) FROM | TO       |
| 100%  | 9                           | 12       |
| 85%   | 8                           | 11       |
| 50%   | 6                           | 9        |
| 15%   | 2                           | 3        |



| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

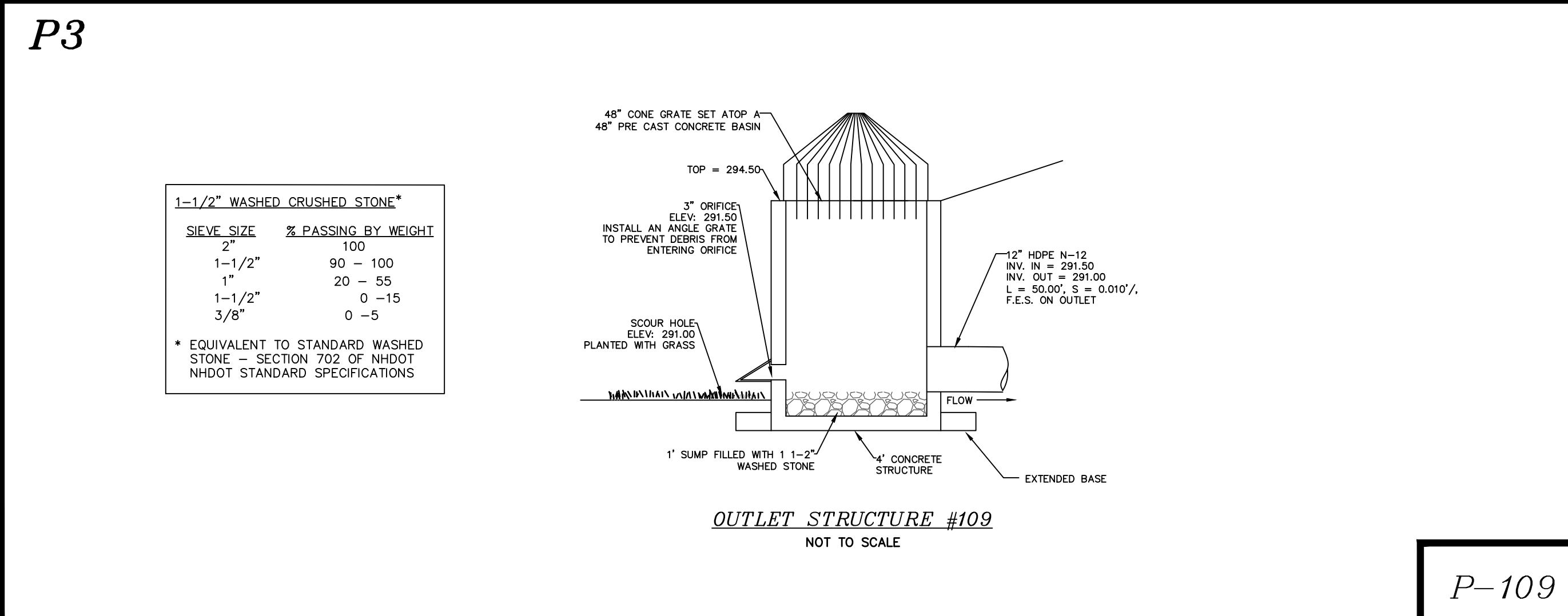
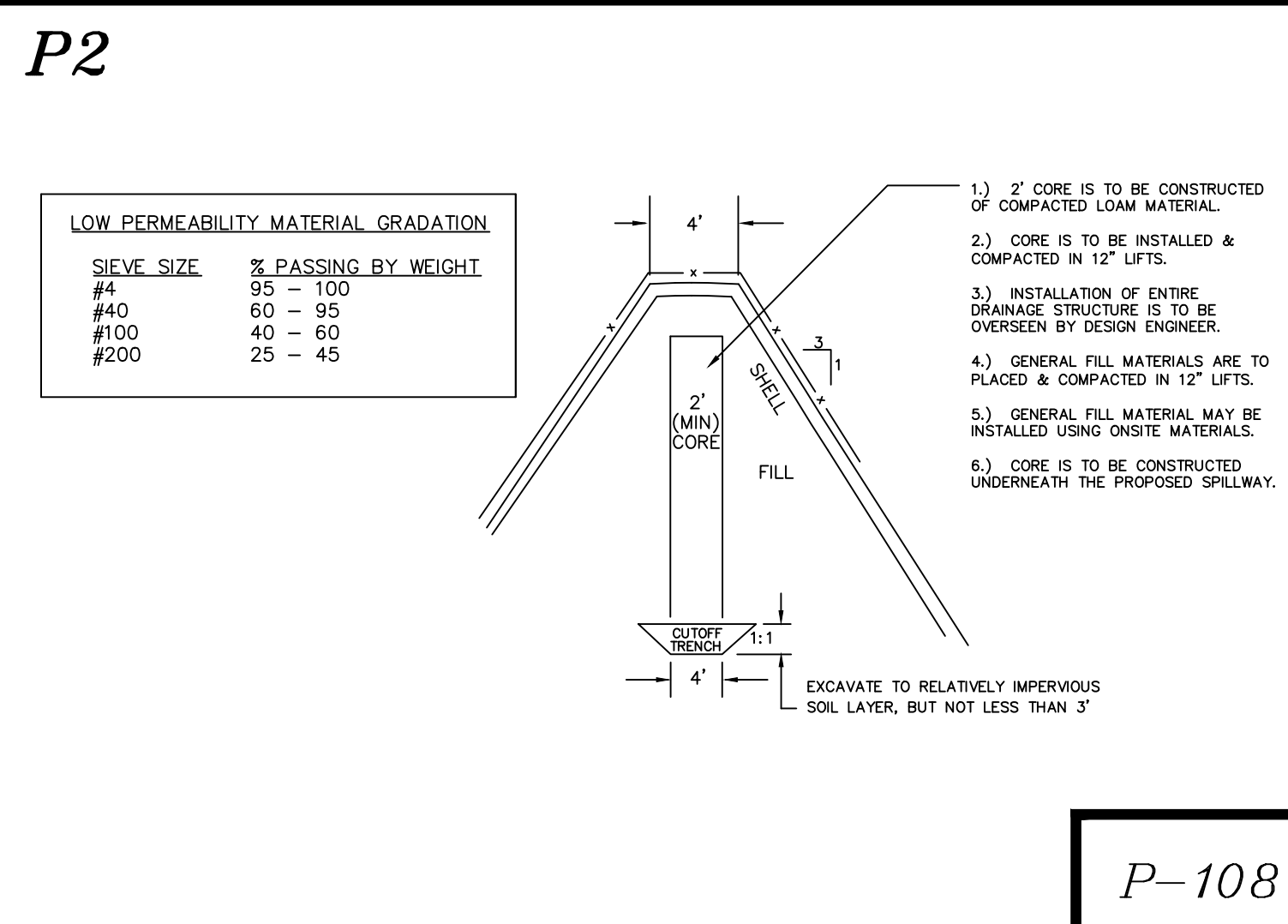
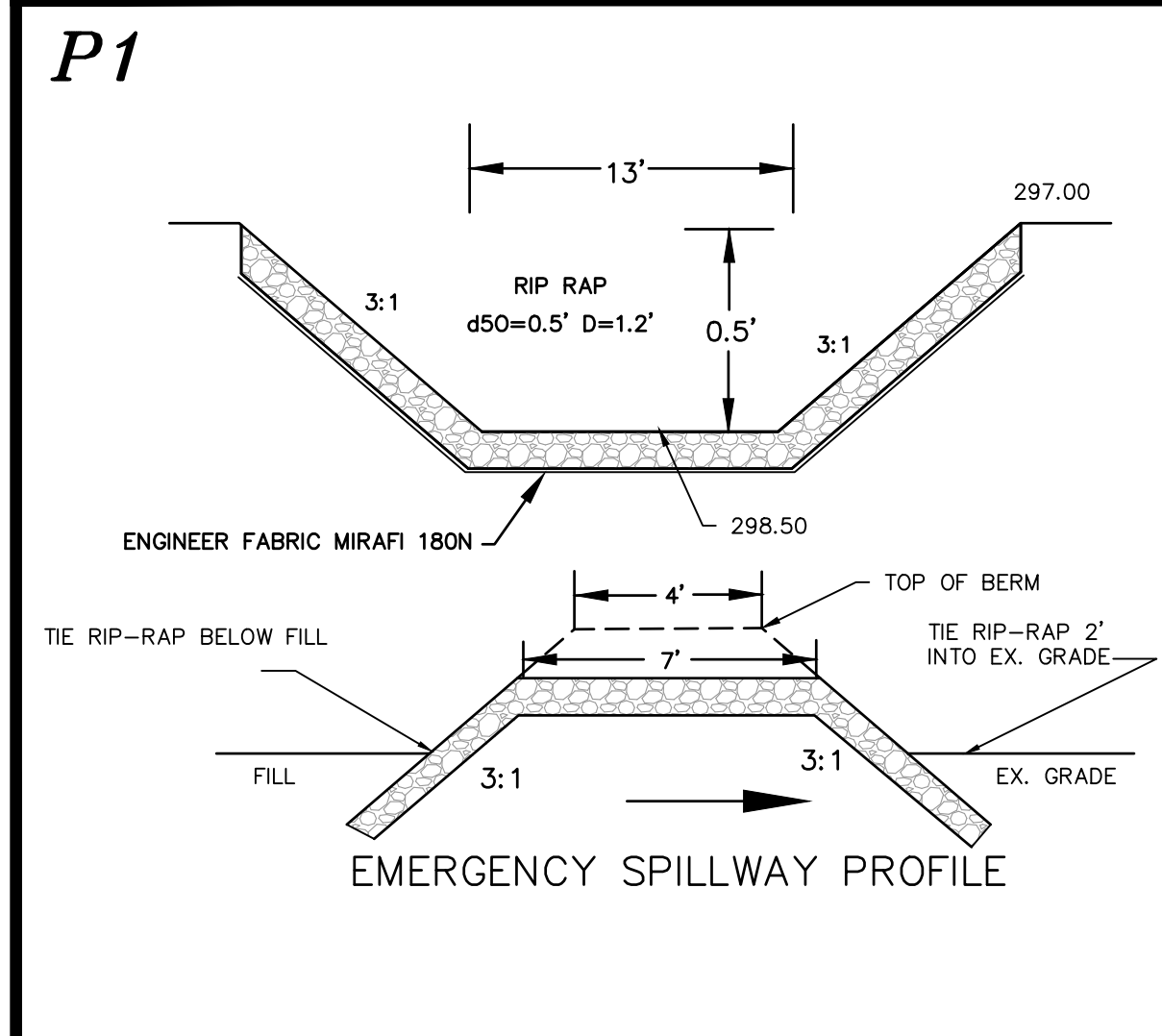
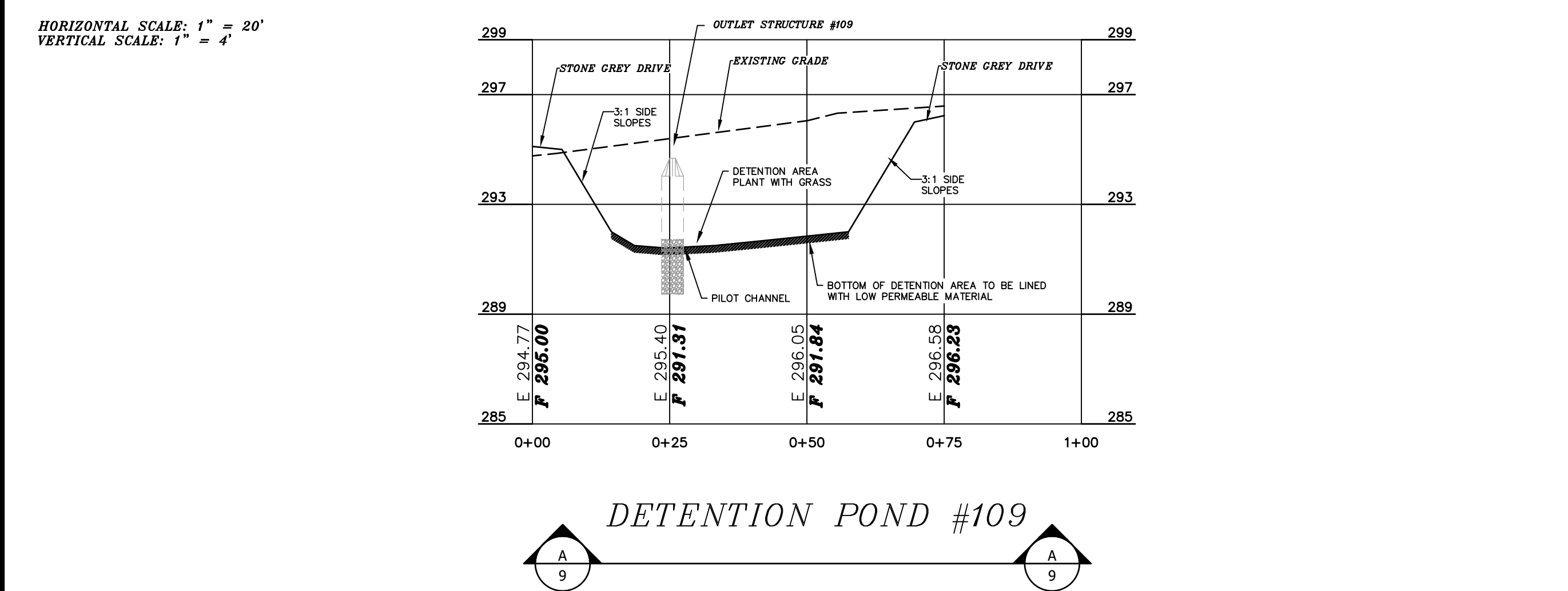
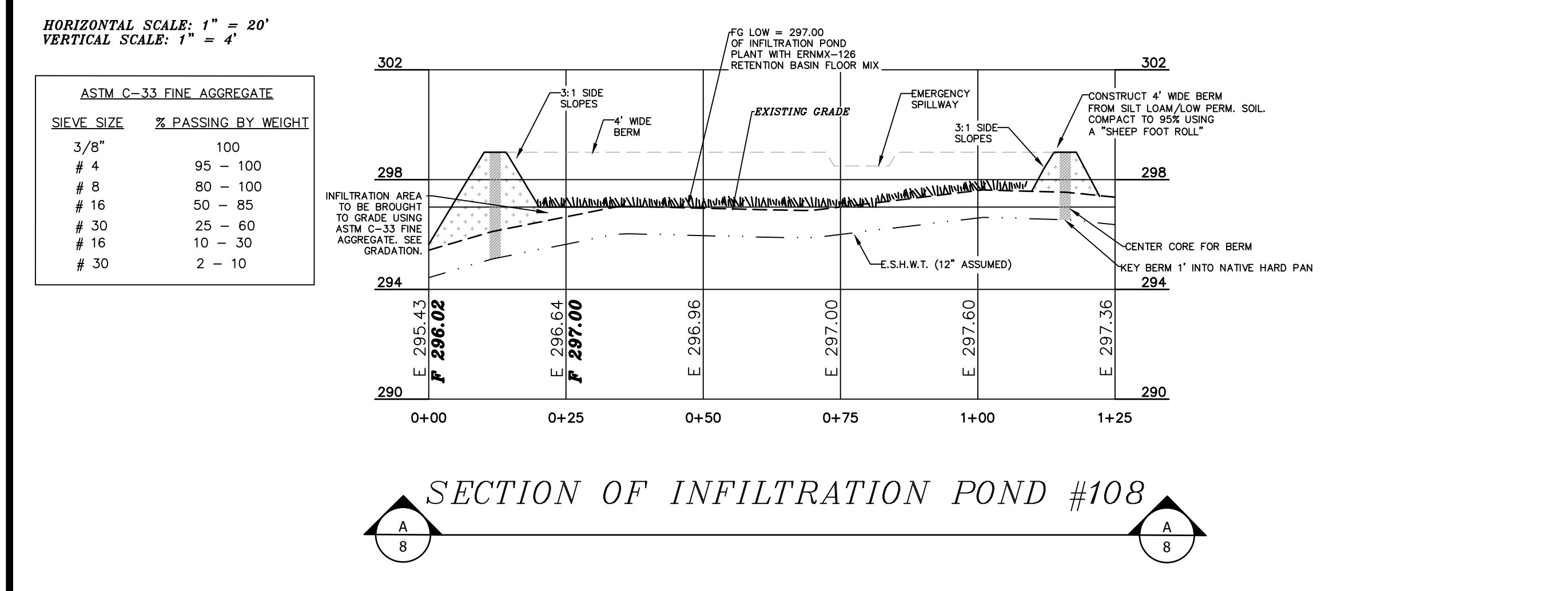
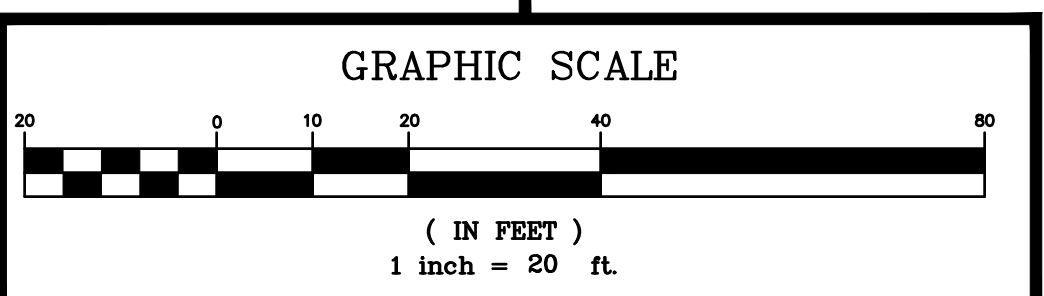
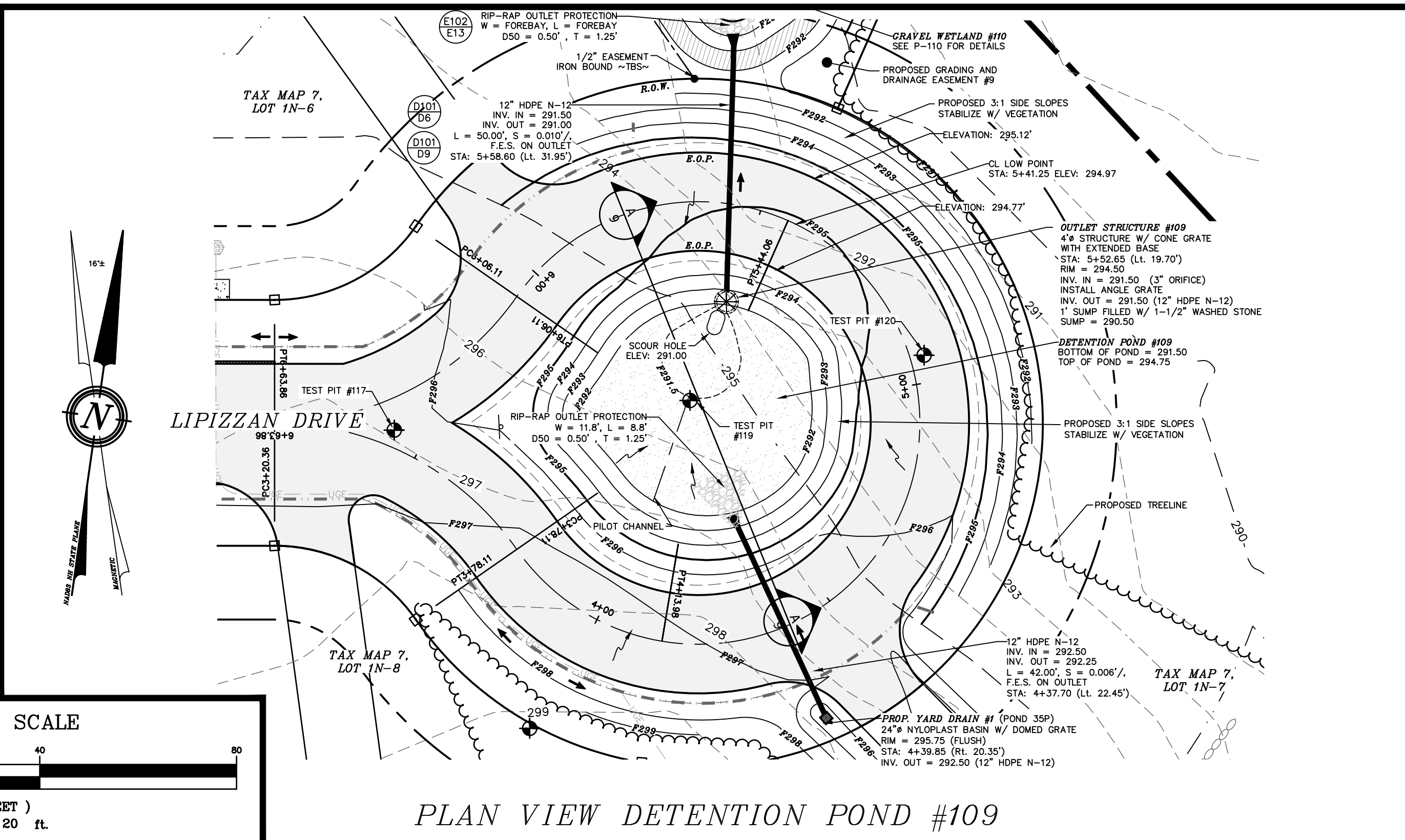
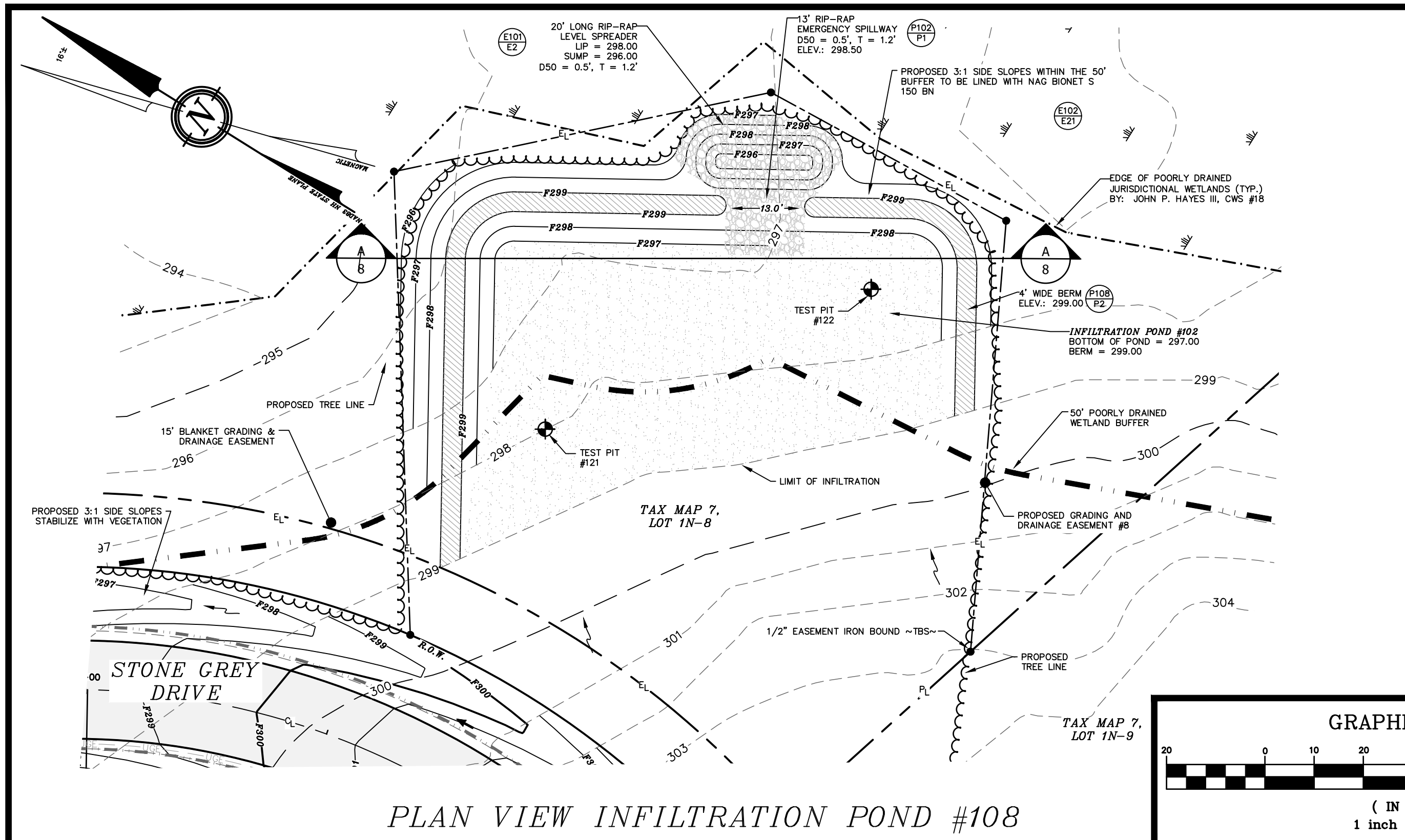
GRAVEL WETLAND #107  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N

**BERRY SURVEYING & ENGINEERING**  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 SCALE: 1 IN. EQUALS 20 FT.  
 DATE: MARCH 16, 2020  
 FILE NO.: DB 2018 - 125

**P-107**

SHEET 32 OF 49





P-108

P-109

| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

INFILTRATION POND #108 & DETENTION POND #109  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

**BERRY SURVEYING & ENGINEERING**  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 20 FT.  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125

**KENNETH A. BERRY**  
No. 18243  
LICENSED PROFESSIONAL ENGINEER

SHEET 33 OF 49



**MAINTENANCE REQUIREMENTS**

| ACTIVITY   | CLOGGING AND SYSTEM PERFORMANCE | FREQUENCY  |
|--|---------------------------------|--|
| INSPECT INLETS AND OUTLETS TO ENSURE GOOD CONDITION AND NO EVIDENCE OF DETRIORATION. CHECK TO SEE IF HIGH-FLOW BYPASS IS FUNCTIONING.<br>REMEDY: REPAIR OR REPLACE ANY DAMAGED STRUCTURAL PARTS, INLETS AND OUTLETS. CLEAR OR REMOVE DEBRIS OR RESTRICTIONS. |                                 | ANNUALLY, MORE FREQUENTLY IN THE FIRST YEAR OF OPERATION |
| CHECK FOR INTERNAL EROSION, EVIDENCE OF SHORT-CIRCUITING, AND ANIMAL BURROWS.<br>REMEDY: SOIL EROSION FROM SHORT-CIRCUITING OR ANIMAL BURROWS SHOULD BE REPAIRED WHEN THEY OCCUR.  |                                 |  |
| CHECK THAT THE SYSTEM IS FULLY DRAINING WITHIN A 24-48 HOUR PERIOD AFTER RAIN EVENTS.<br>REMEDY: REPAIR OR RESTORE HYDRAULIC INLET OR OUTLET CONFIGURATION.  |                                 |  |
| <b>VEGETATION</b>  |                                 |  |
| CHECK FOR ROBUST VEGETATION COVERAGE THROUGHOUT THE SYSTEM AND DEAD OR DYING PLANTS<br>REMEDY: VEGETATION SHOULD COVER > 75% OF THE SYSTEM AND SHOULD BE RESEDED AND CARED FOR AS NEEDED   |                                 | ANNUALLY, OR AS NEEDED                                   |
| CUT AND REMOVE VEGETATION FROM GRAVEL WETLAND SYSTEM AND FOREBAY IN ORDER TO MAINTAIN NITROGEN REMOVAL PERFORMANCE<br>REMEDY: THE VEGETATION SHOULD BE CUT AND REMOVED FROM THE SYSTEM TO PREVENT NITROGEN FROM CYCLING BACK INTO THE SYSTEM                 |                                 | ONCE EVERY 3 YEARS                                       |

| 3/8" WASHED CRUSHED STONE* |                     | 1-1/2" WASHED CRUSHED STONE* |                     |
|----------------------------|---------------------|------------------------------|---------------------|
| SIEVE SIZE                 | % PASSING BY WEIGHT | SIEVE SIZE                   | % PASSING BY WEIGHT |
| 1/2"                       | 100                 | 2"                           | 100                 |
| 3/8"                       | 95 - 100            | 1-1/2"                       | 90 - 100            |
| # 4                        | 22 - 55             | 1"                           | 20 - 55             |
| # 8                        | 0 - 10              | 1-1/2"                       | 0 - 15              |
|                            |                     | 3/8"                         | 0 - 5               |

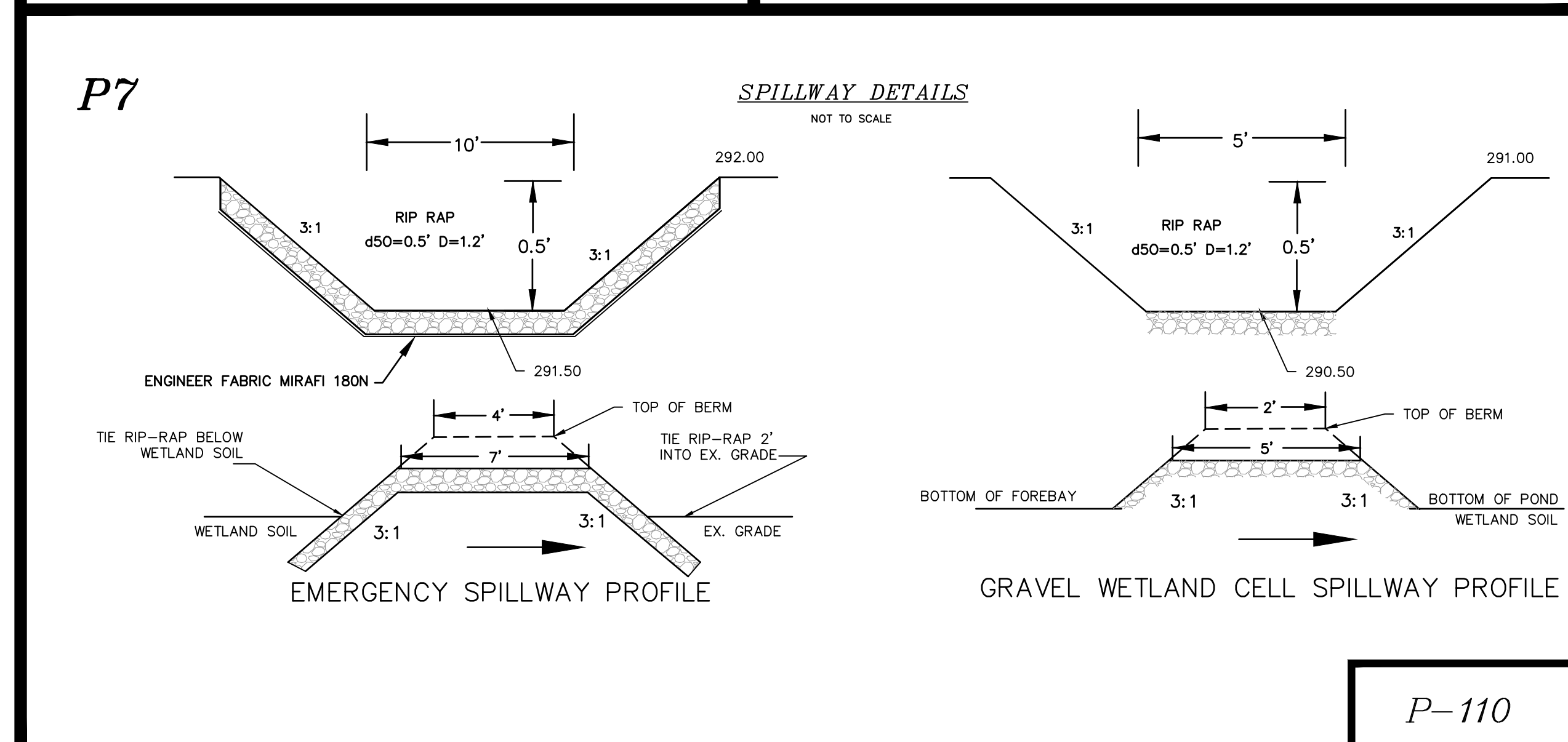
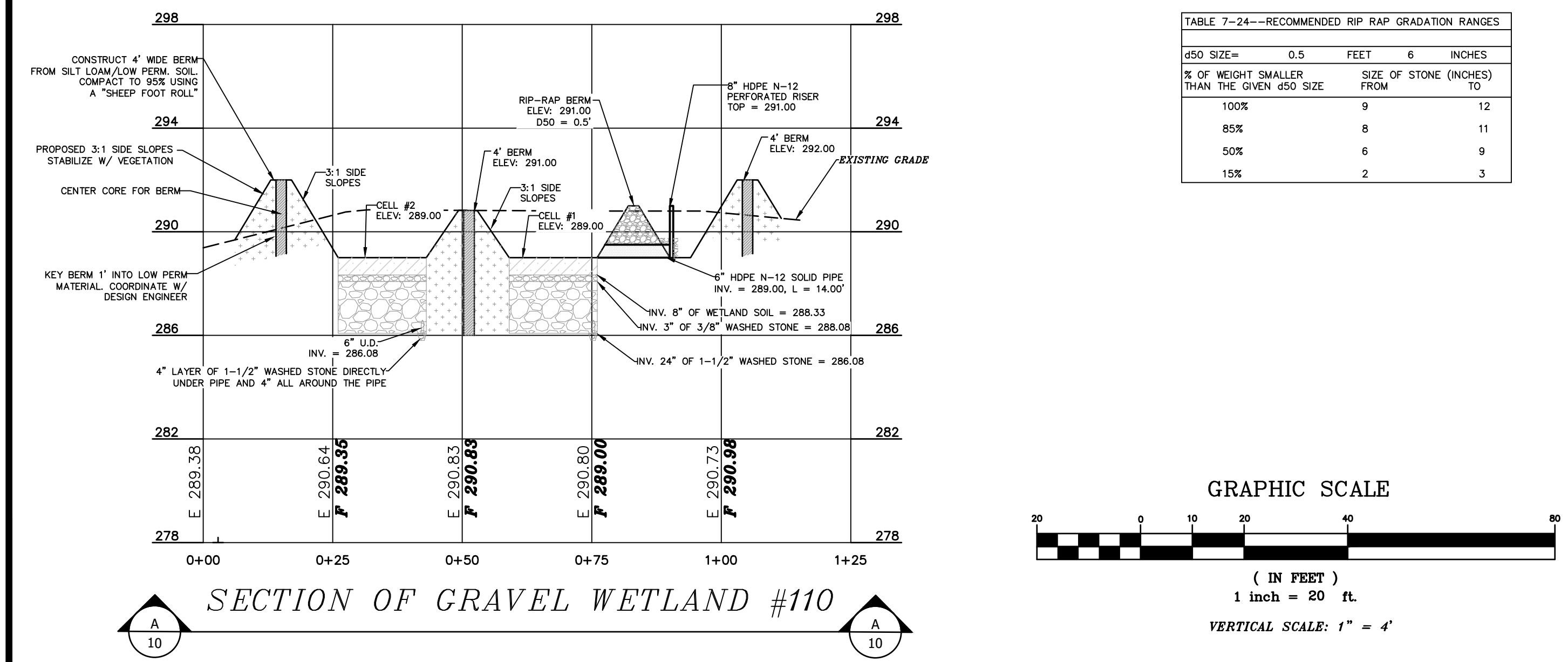
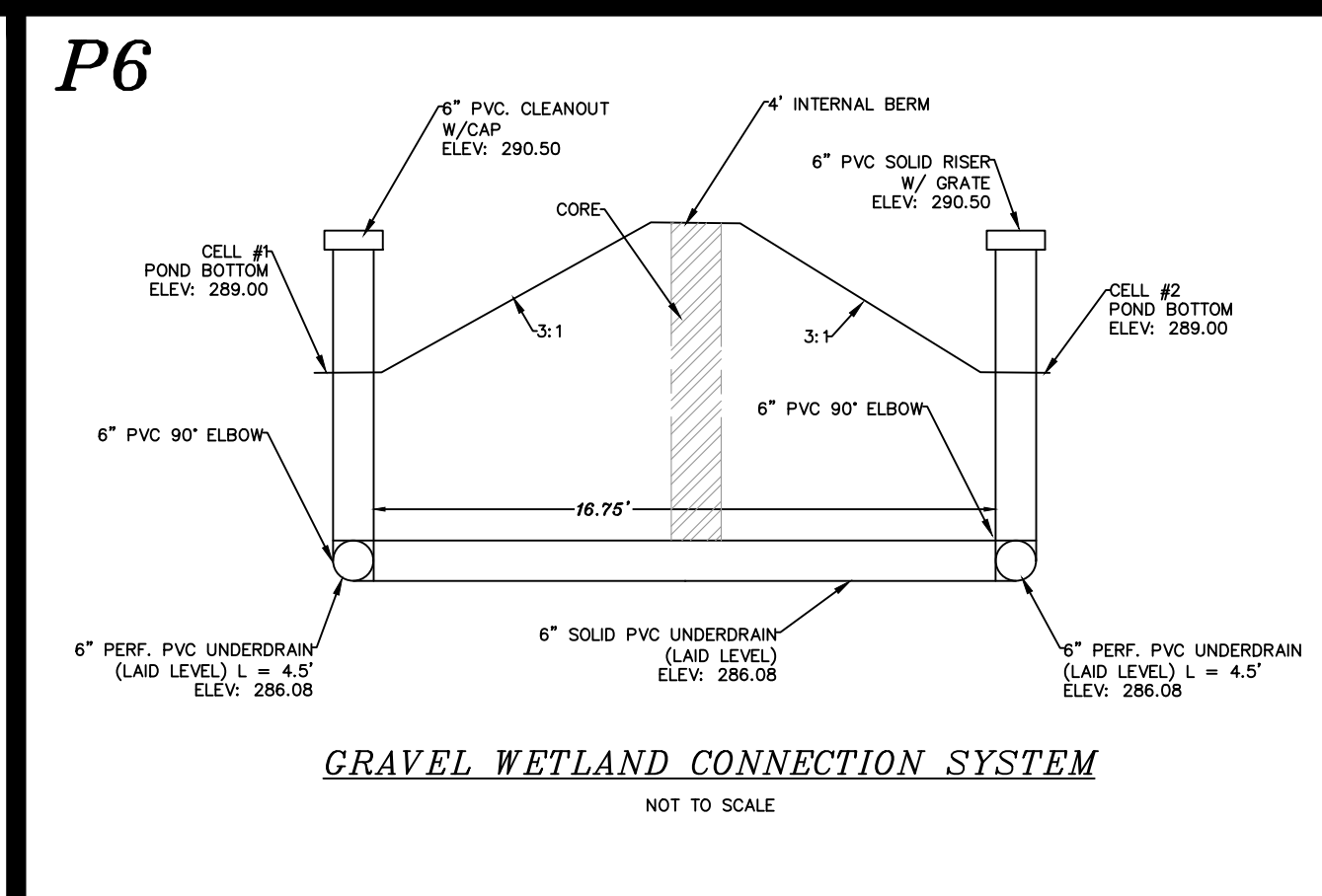
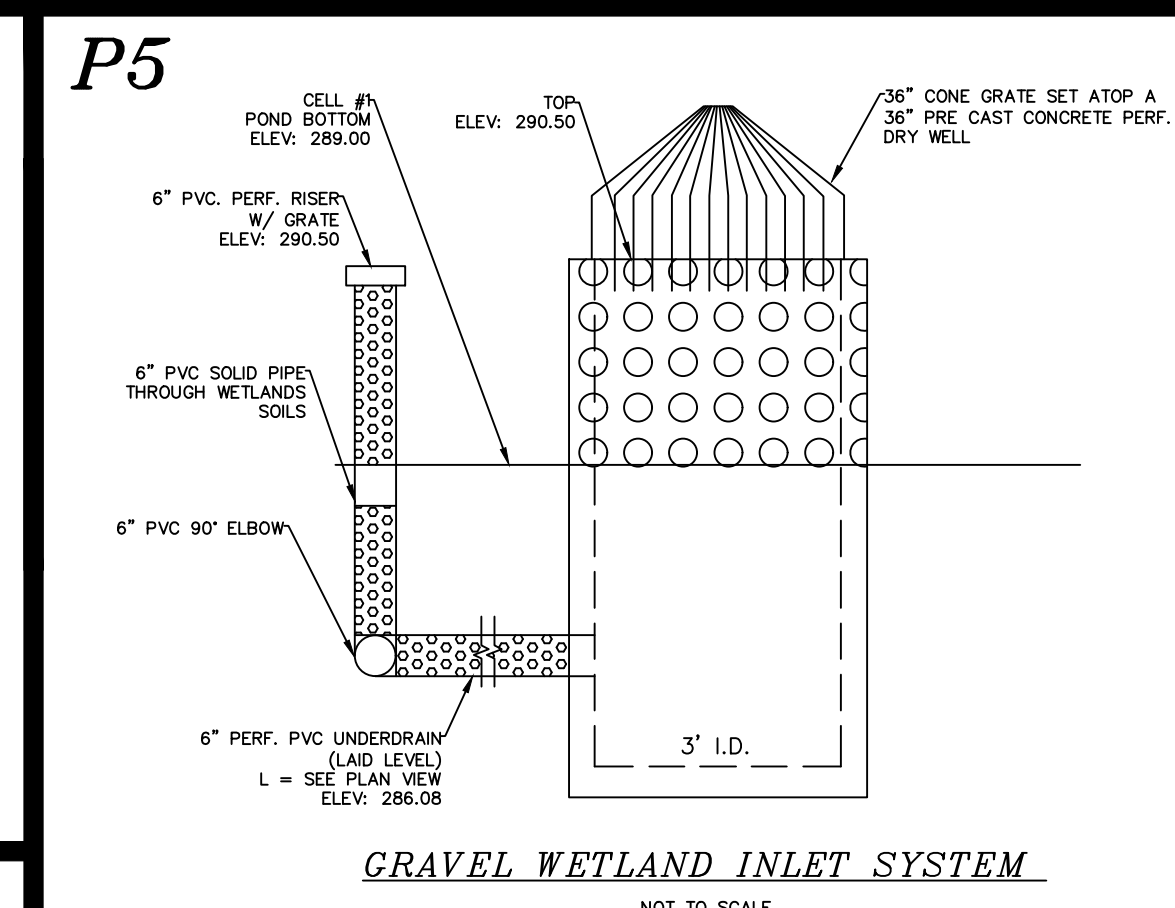
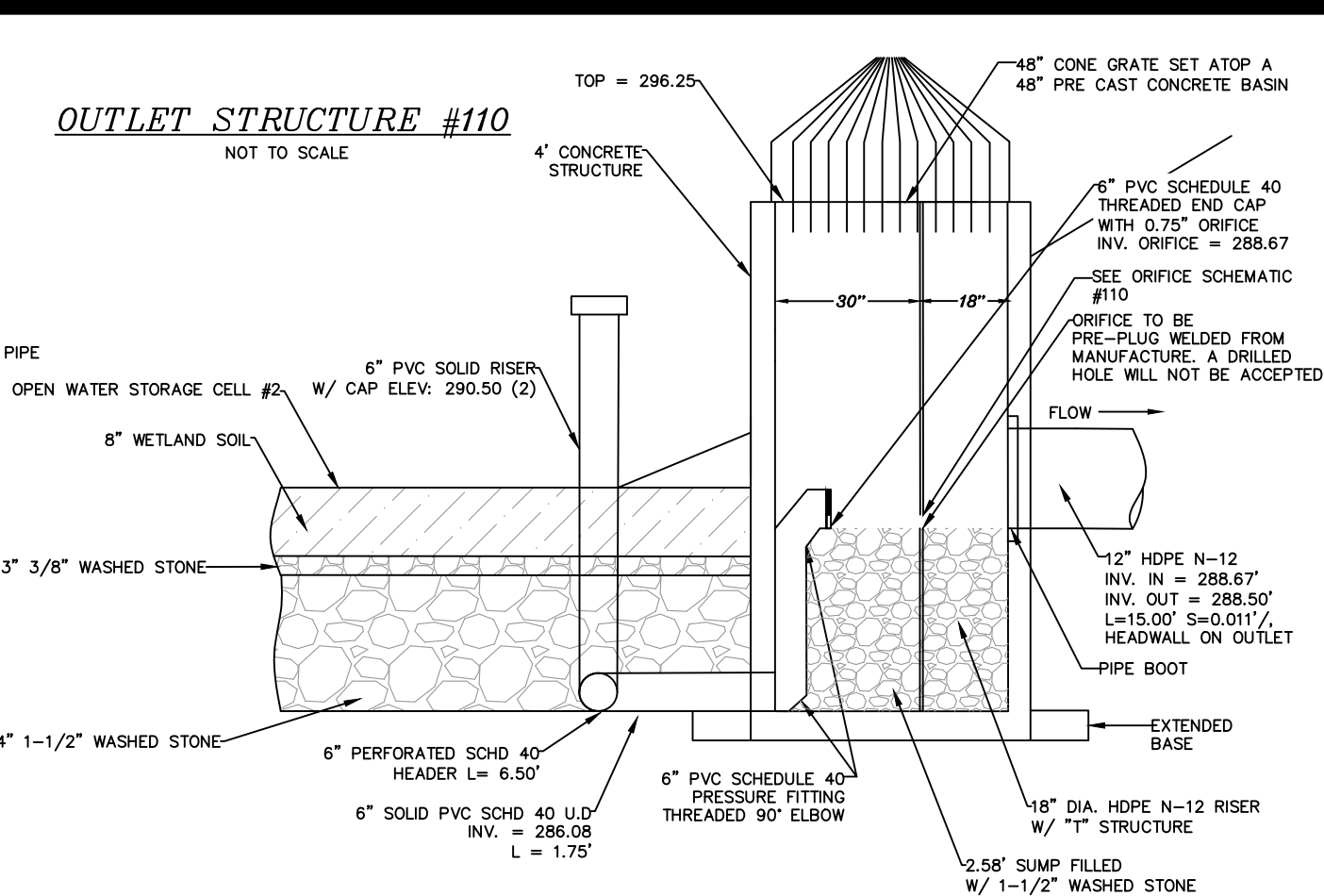
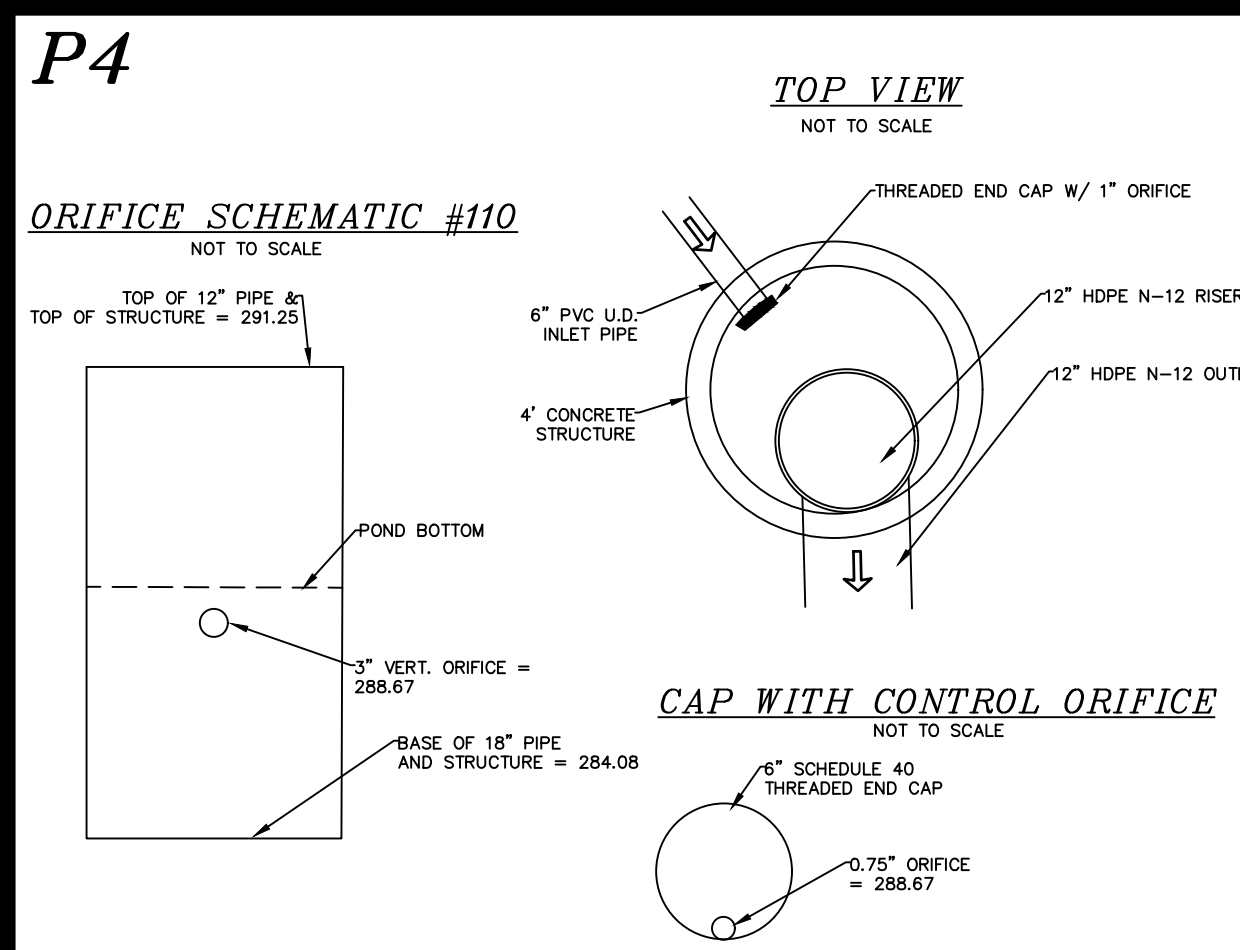
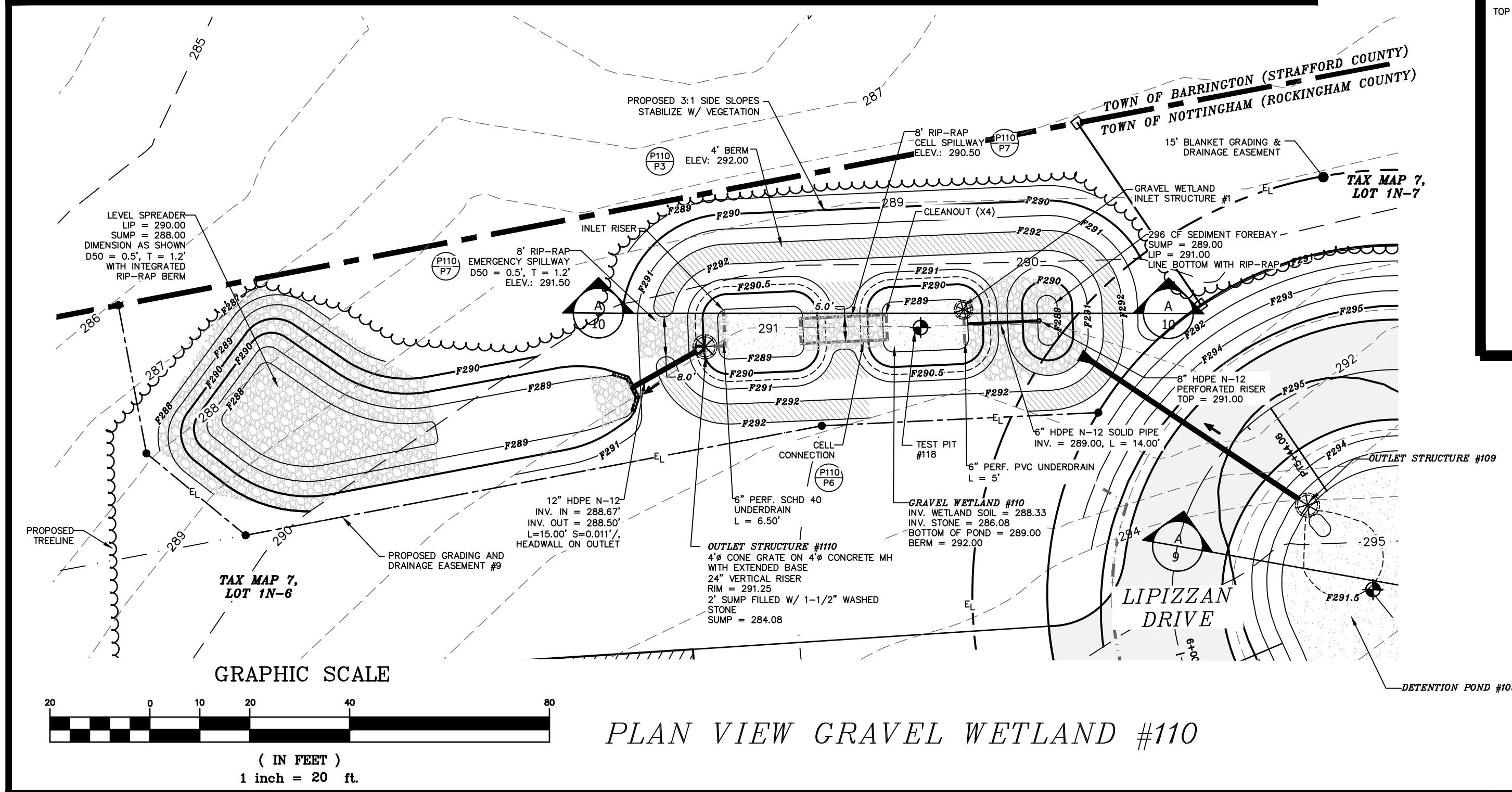
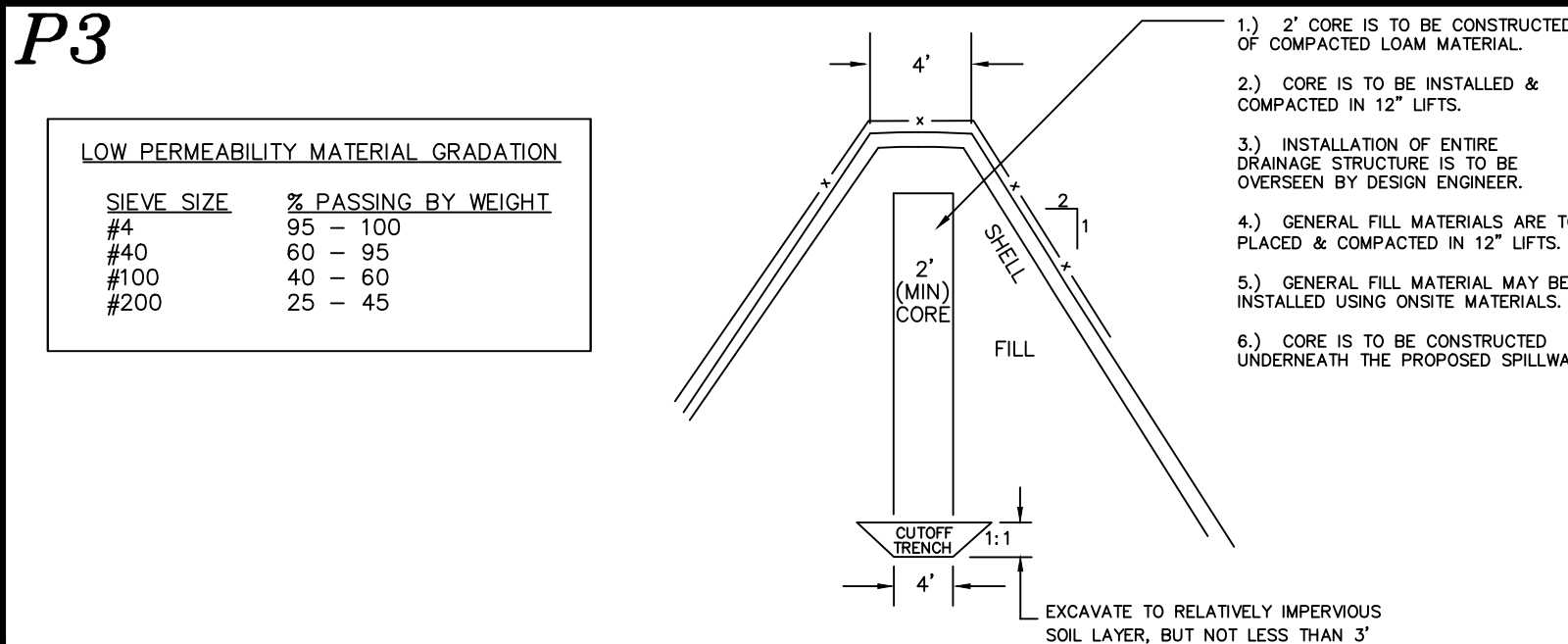
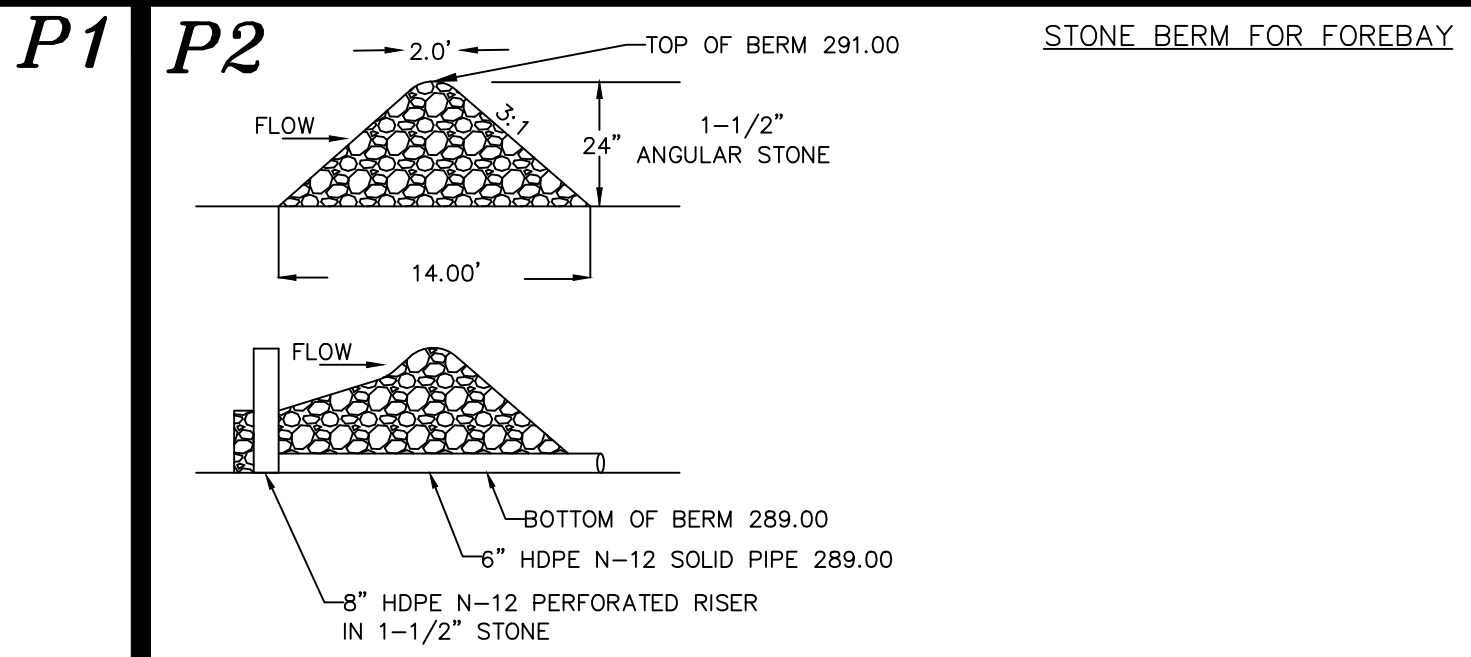
\* EQUIVALENT TO STANDARD WASHED STONE - SECTION 702 OF NHDOT STANDARD SPECIFICATIONS

| WETLAND SOIL |                     |
|--------------|---------------------|
| SIEVE SIZE   | % PASSING BY WEIGHT |
| 0.5"         | 100                 |
| #10"         | 90 - 75             |
| #100         | 40 - 50             |
| #200         | 25 - 50             |

| WETLAND SOIL |                      |
|--------------|----------------------|
| SIEVE SIZE   | % PASSING TOLERANCES |
| 0.5"         | ±10.0                |
| #10          | ±5.0                 |
| #100         | ±5.0                 |
| #200         | ±5.0                 |

DESIGN REFERENCES  
1 UNH STORMWATER CENTER



| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

GRAVEL WETLAND #110  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 20 FT.  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125

KENNETH A. BERRY  
No. 14243  
LICENSED PROFESSIONAL ENGINEER



**NOTES:**

- 1.) OWNER & APPLICANT: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
- 2.) TAX MAP 7, LOT 1N
- 3.) LOT AREA: 1,766,568 Sq. Ft., 40.55 Ac.
- 4.) THE CONTRACTOR SHALL CALL AND COORDINATE WITH DIGSAFE AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY.
- 5.) ALL ELEVATIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE DESIGN ENGINEER IS TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY. TEMPORARY BENCHMARKS (T.B.M.) ARE TO BE PROVIDED BY THE DESIGN ENGINEER.
- 6.) UPON FINAL COMPLETION AND 85% STABILIZATION, THE DRAINAGE SYSTEM IS TO BE CLEANED OF ALL DEBRIS. SEDIMENT CONTROL PRACTICES REMOVED AND DISPOSED OF PROPERLY, AND ANNUAL MAINTENANCE PERFORMED ON ALL DRAINAGE PRACTICES.
- 7.) EROSION AND SEDIMENT CONTROL INSPECTIONS TO BE CONDUCTED ONCE PER EVERY SEVEN DAYS AND AT AN INCREASED FREQUENCY INCLUDING WITHIN 24-HOURS OF A 0.25 INCH RAIN EVENT. INSPECTIONS TO BE CONDUCTED BY A "QUALIFIED PERSON" AS DEFINED BY EPA CGP 4.1.1 AND INSPECTION REPORTS SUBMITTED TO THE TOWN OF NOTTINGHAM, NH, ENGINEERING DEPARTMENT WITHIN 24 HOURS IN ACCORDANCE WITH CGP 4.1.7 AND MAINTAINED BY THE OWNER FOR A PERIOD OF THREE YEARS AFTER THE PROJECT IS COMPLETED. SEE ALSO TOWN OF NOTTINGHAM ADDITIONAL INSPECTION REQUIREMENTS BELOW.
- 8.) SILT FENCE MAY BE SUBSTITUTED WITH FILTREXX SILT SOXX OR EROSION CONTROL MIX BERM. SILT FENCE IS NOT A SUBSTITUTE FOR FILTREXX SILT SOXX OR APPROVED EQUAL.
- 9.) PER EPA CGP Z.1.2.2 (INSTALL PERIMETER CONTROL), "YOU MUST INSTALL SEDIMENT CONTROLS ALONG THOSE PERIMETER AREAS OF YOUR SITE THAT WILL RECEIVE STORMWATER FROM EARTH DISTURBING ACTIVITIES." AS A RESULT OF SWPPP INSPECTIONS, THE CONTRACTOR MAY HAVE TO EXPAND PERIMETER CONTROLS TO MEET THIS REQUIREMENT. THE E&S PLAN IS INITIAL GUIDANCE AS TO THE ANTICIPATED REQUIREMENTS AND IT THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT STORMWATER VIOLATION DO NOT OCCUR.
- 10.) CONTRACTOR IS RESPONSIBLE FOR SWEEPING THE PROPOSED ROADS AND ANYTHING DISTURBED, TO ENSURE THAT NO SEDIMENT IS BEING TRACKED ONTO MITCHELL ROAD.
- 11.) CONTRACTOR IS RESPONSIBLE FOR CLEANING AND MAINTAINING THE INLET PROTECTION ONCE INSTALLED.
- 12.) FUGITIVE DUST IS TO BE CONTROLLED THROUGHOUT THE CONSTRUCTION PROCESS IN ACCORDANCE WITH ENV-A 1000.
- 13.) CONTRACTOR IT TO MEET THE REQUIREMENTS SPECIFIED IN RSA 430:51-57 AND AGR 3800, RELATING TO INVASIVE SPECIES.
- 14.) CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE WATER QUALITY FROM ANY RUN OFF DURING THE CONSTRUCTION PROCESS, IN ACCORDANCE WITH ENV-WQ 1507, IN ORDER TO PREVENT VIOLATIONS OF THE STORM WATER QUALITY STANDARDS.
- 15.) CATCH BASIN HOODS WILL BE INSTALLED AS SOON AS THE BASIN IS PUT ON LINE. RIM IS TO BE RAISED WITH FINAL GRADE SO THAT STORMWATER RUNOFF CAN DRAIN PROPERLY THROUGHOUT CONSTRUCTION.
- 16.) MULCH BERM MAY BE USED AS A SUBSTITUTE FOR SILT SOXX AS PERIMETER CONTROL.
- 17.) CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING EROSION AND SEDIMENT CONTROL MEASURES DURING RESIDENTIAL LOT CONSTRUCTION AND ALL EROSION AND SEDIMENT CONTROL MEASURES FOR RESIDENTIAL CONSTRUCTION SHALL REMAIN IN PLACE UNTIL THE LOT IS STABILIZED.
- 18.) ROADSIDE CHECK DAMS SHOULD BE CLEANED AND REPAIRED AS NEEDED.
- 19.) PERIMETER CONTROL FOR PONDS IS TO BE INSTALLED AS SOON AS THE PONDS ARE CONSTRUCTED AND ARE INTENDED TO REMAIN IN PLACE UNTIL THE UPHILL AREAS ARE STABILIZED.
- 20.) CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING CONSTRUCTION ENTRANCES.
- 21.) SEE CONSTRUCTION PHASING PLAN FOR LIMIT OF ALLOWED DISTURBANCE, TREE CLEARING, GRUBBING, AND STUMPING WITHIN EACH PHASE.

**SOILS & DEWATERING:**

**SEE SITE SPECIFIC SOILS MAP (SSSM)**

SEE WEBSOIL USDA-NRCS  
ERODIBILITY FACTOR - K, CPESC MANUAL, ENVIROCERT INTERNATIONAL INC. &  
ROCKINGHAM COUNTY SOIL SURVEY, ROCKWEB SOIL ATTRIBUTES.

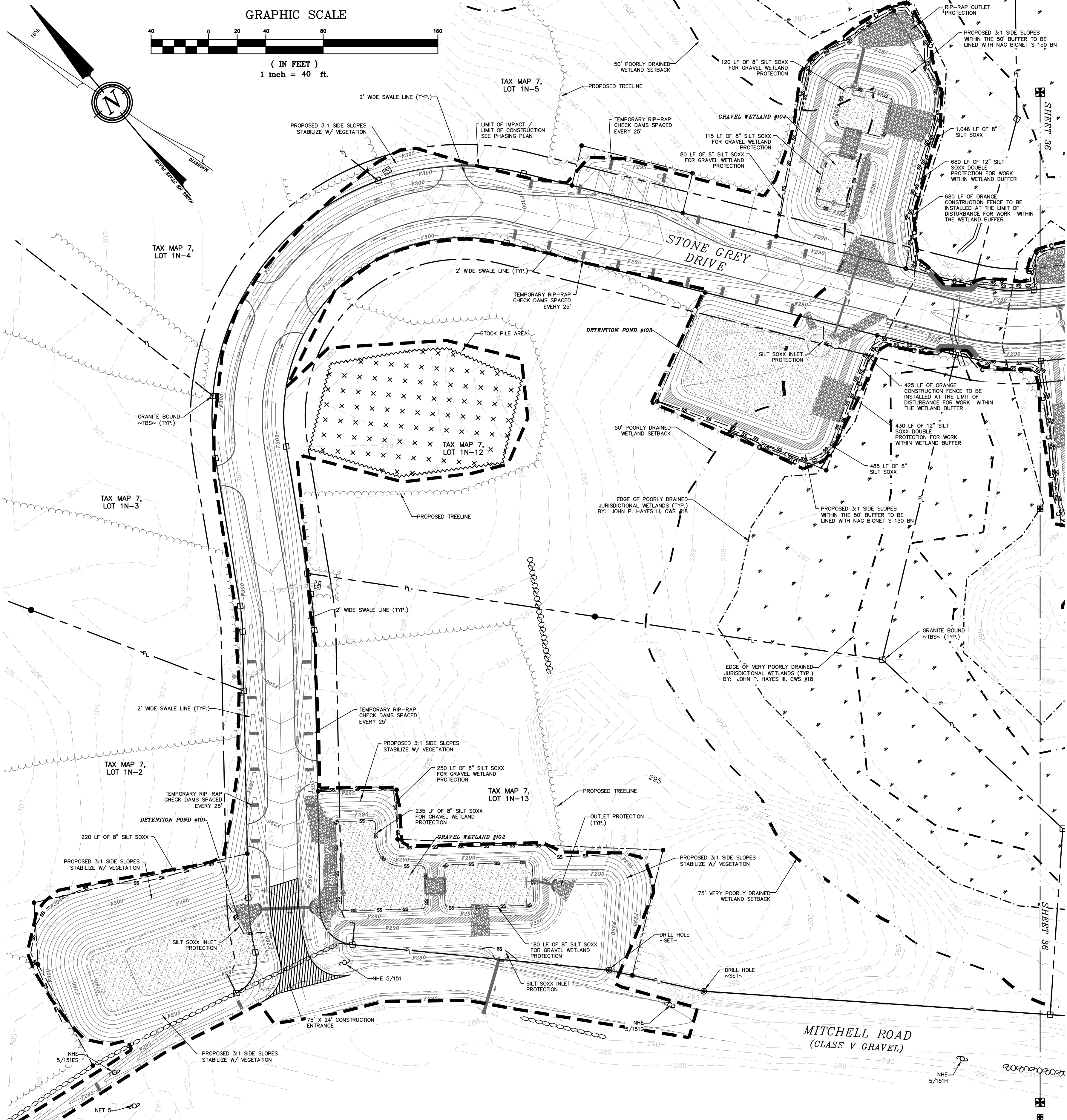
CONTRACTOR TO BE AWARE OF THE SOIL PROFILES AND ENSURE THAT PROPER EROSION PREVENTION AND SEDIMENT CONTROL MEASURES ARE TAKEN AT ALL TIMES. ANY DEWATERING REQUIREMENTS IN NEW HAMPSHIRE REQUIRE SPECIAL PROVISIONS IN ACCORDANCE WITH THE "CLARIFICATION OF SECTION 9.1.2 (STATE OF NEW HAMPSHIRE CONDITIONS) AND OTHER NH SPECIFIC INFORMATION FOR THE U.S. EPA 2012 NPDES CONSTRUCTION GENERAL PERMIT (CGP)" DATED MAY 3, 2012 INCLUDED IN THE SWPPP.

COVER MANAGEMENT DURING CONSTRUCTION FOR EXPOSED SOIL WILL INCLUDE HAY / STRAW APPLIED AT A RATE OF 2.0 TONS PER ACRE, TEMPORARY SEEDING OF ANNUAL RYE GRASS, AND PERMANENT SEEDING AT THE EARLIEST OPPORTUNITY. SEE ADDITIONAL REQUIREMENT FOR STABILIZATION ON THE EROSION AND SEDIMENT CONTROL DETAIL SHEETS, E-101 AND E-102.

THE CONSTRUCTION SCHEDULE WILL BE MANAGED SO THAT ALL STORMWATER STRUCTURES WILL BE BUILT AND STABILIZED PRIOR TO RECEIVING SURFACE WATER RUNOFF. CONTRACTOR TO BE RESPONSIBLE FOR ALL DIVERSIONS DURING CONSTRUCTION AND FOR INTERIM SEDIMENT AND EROSION CONTROL MEASURES.

**LEGEND:**

- Ⓜ RAIN GARDEN BIO-MEDIA PROTECTION
- Ⓢ PERIMETER CONTROL
- Ⓡ RESIDENTIAL ROADWAY CONSTRUCTION
- IRON PIPE (FND)
- IRON BOUND (FND)
- Ⓡ REBAR (FND)
- UTILITY POLE
- GUY WIRE
- SS — SF — SS — SILT FENCE
- SS — FILTREXX SILT SOXX
- — — TREE LINE
- Ⓢ STOCK PILE



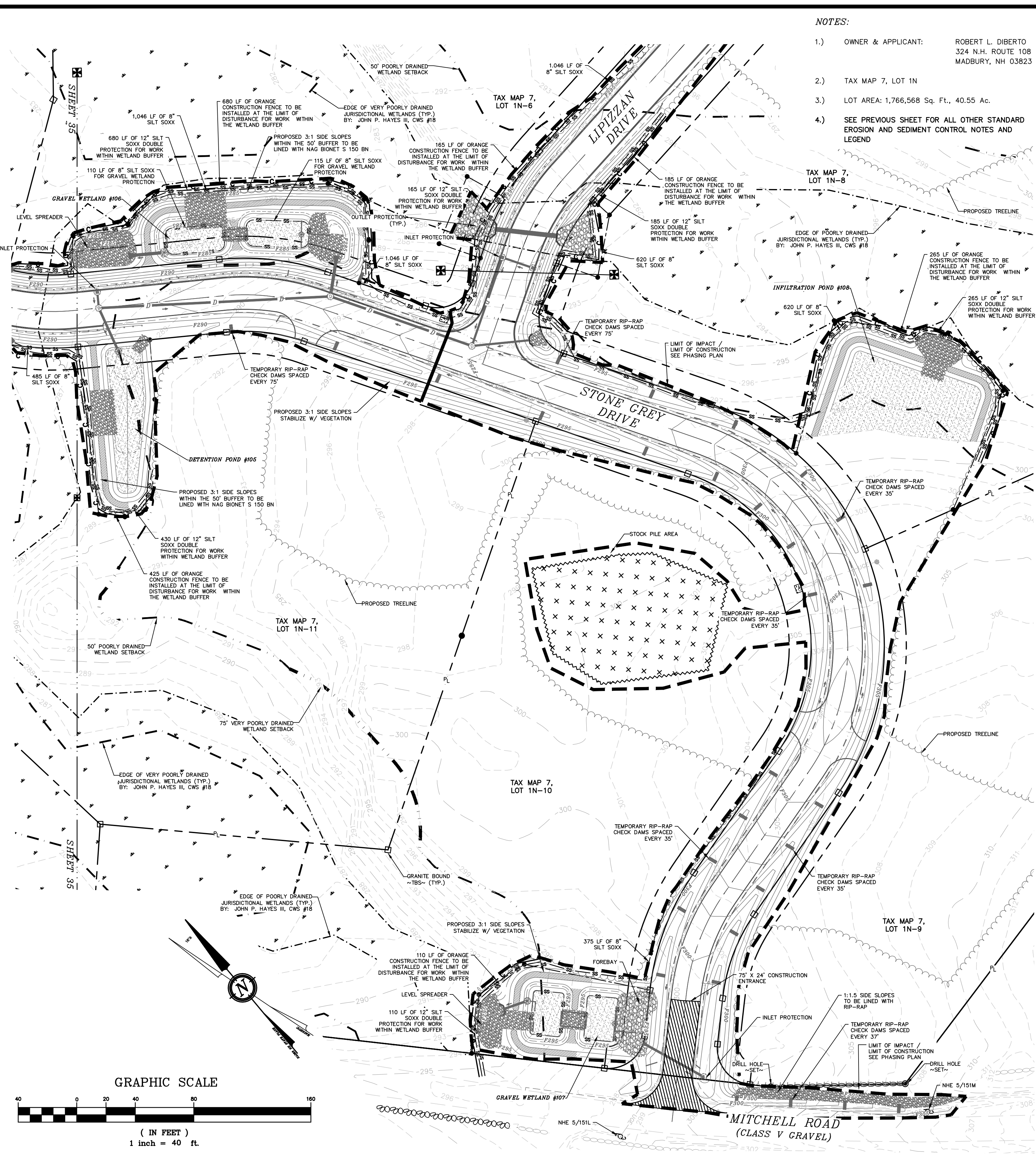
| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

EROSION AND SEDIMENT CONTROL PLAN WEST  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

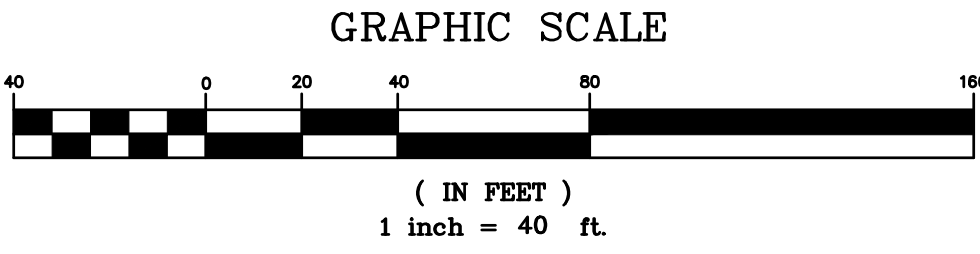
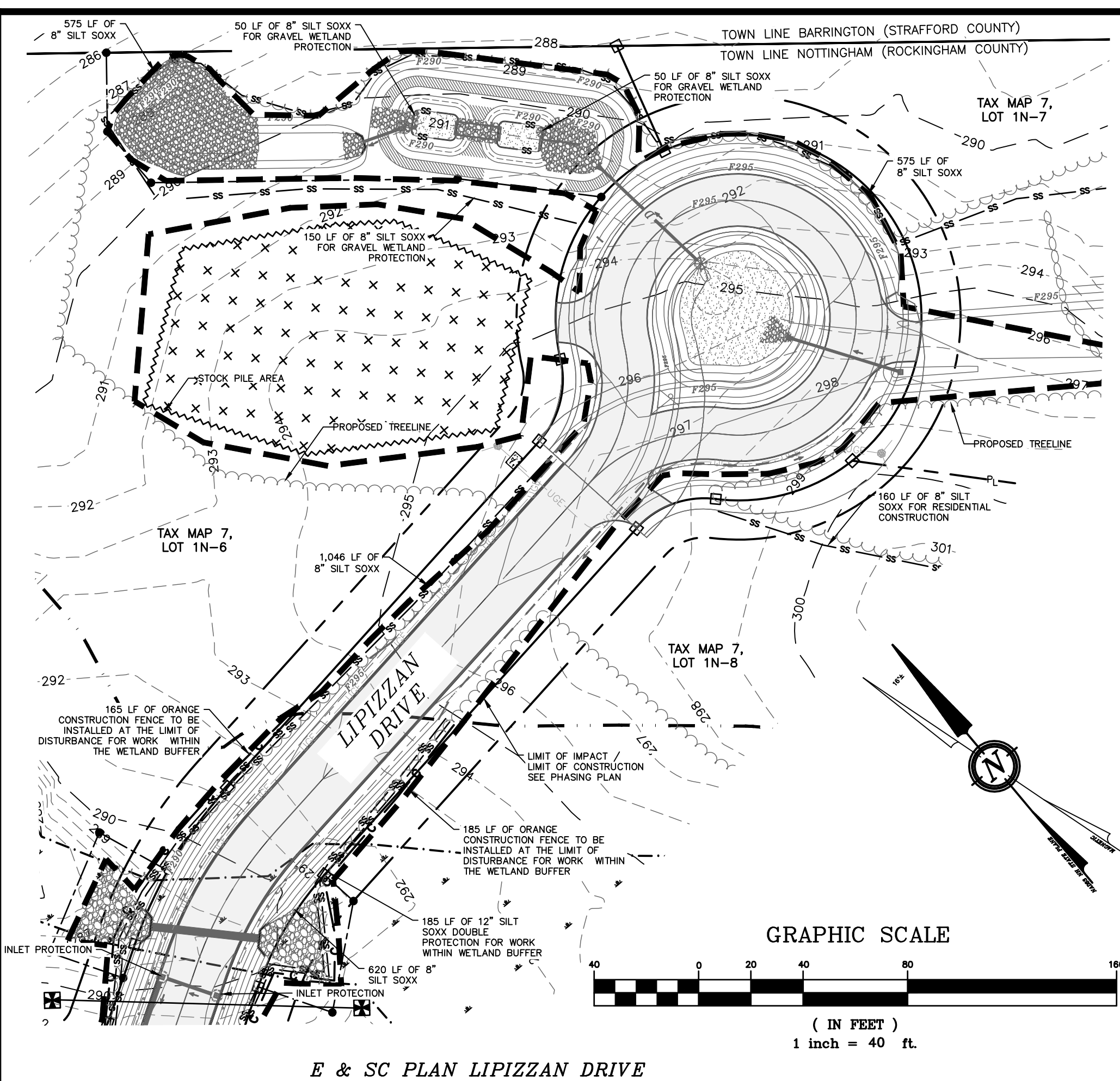
**BERRY SURVEYING & ENGINEERING**  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE: 1 IN. EQUALS 40 FT.  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125

STATE OF NEW HAMPSHIRE  
KENNETH A. BERRY  
No. 18243  
LICENSED PROFESSIONAL ENGINEER

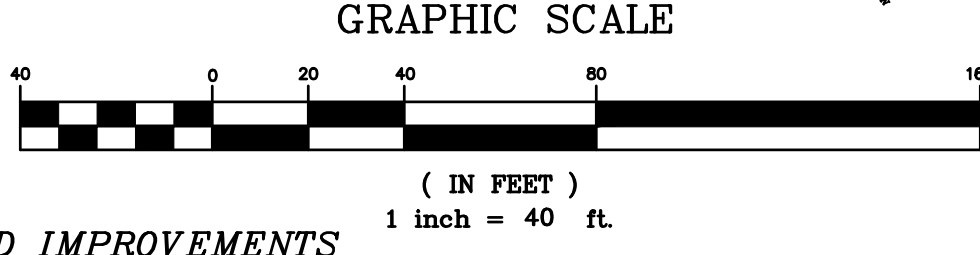
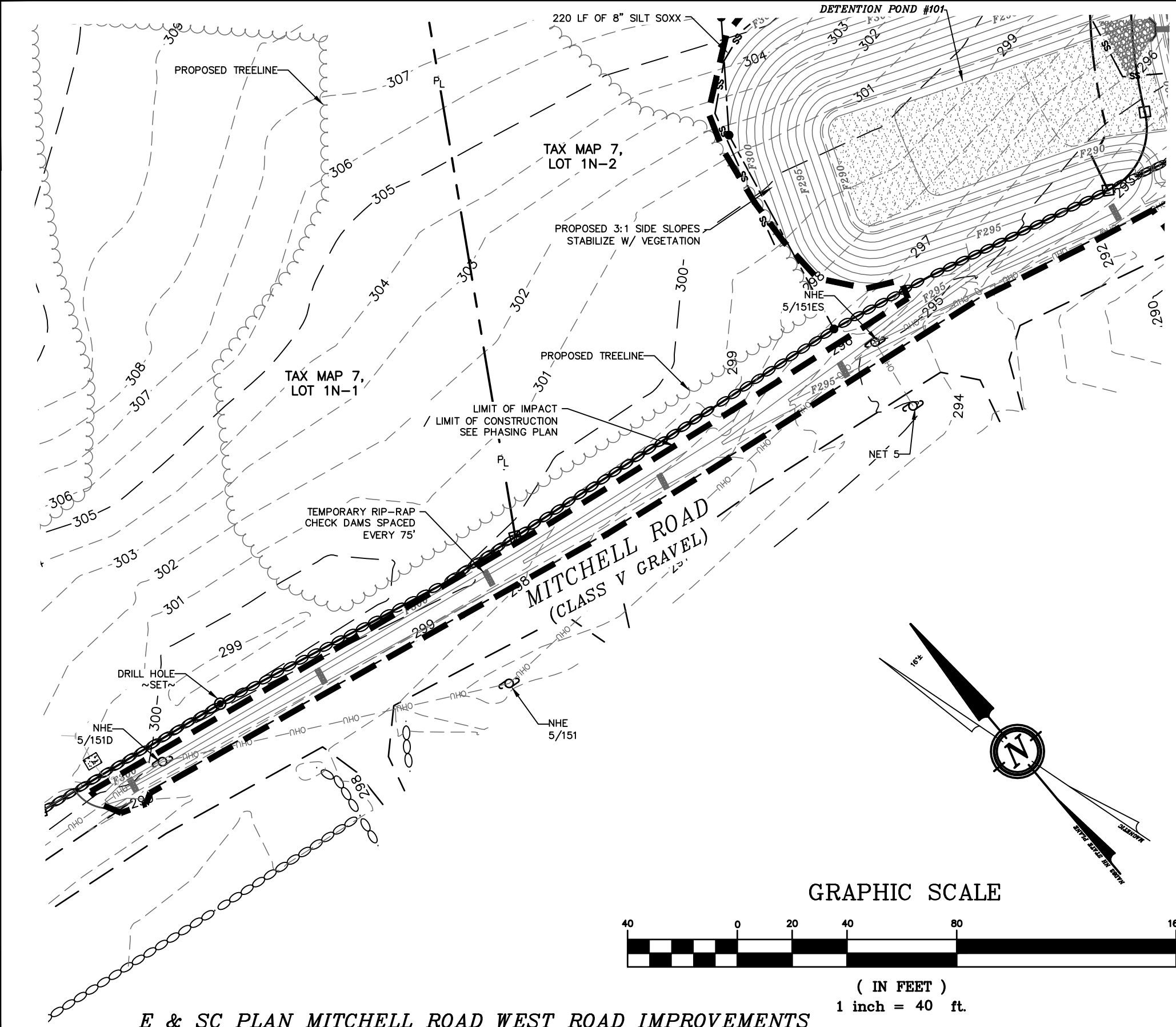




- NOTES:
- 1.) OWNER & APPLICANT: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
  - 2.) TAX MAP 7, LOT 1N
  - 3.) LOT AREA: 1,766,568 Sq. Ft., 40.55 Ac.
  - 4.) SEE PREVIOUS SHEET FOR ALL OTHER STANDARD EROSION AND SEDIMENT CONTROL NOTES AND LEGEND



E & SC PLAN LIPIZZAN DRIVE



E & SC PLAN MITCHELL ROAD WEST ROAD IMPROVEMENTS

| #1 | REVISION | DATE | DESCRIPTION                          |
|----|----------|------|--------------------------------------|
|    | 4-29-20  |      | REVISED PER NOTTINGHAM STAFF COMMENT |

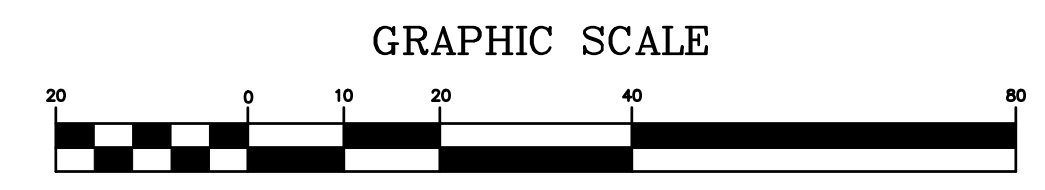
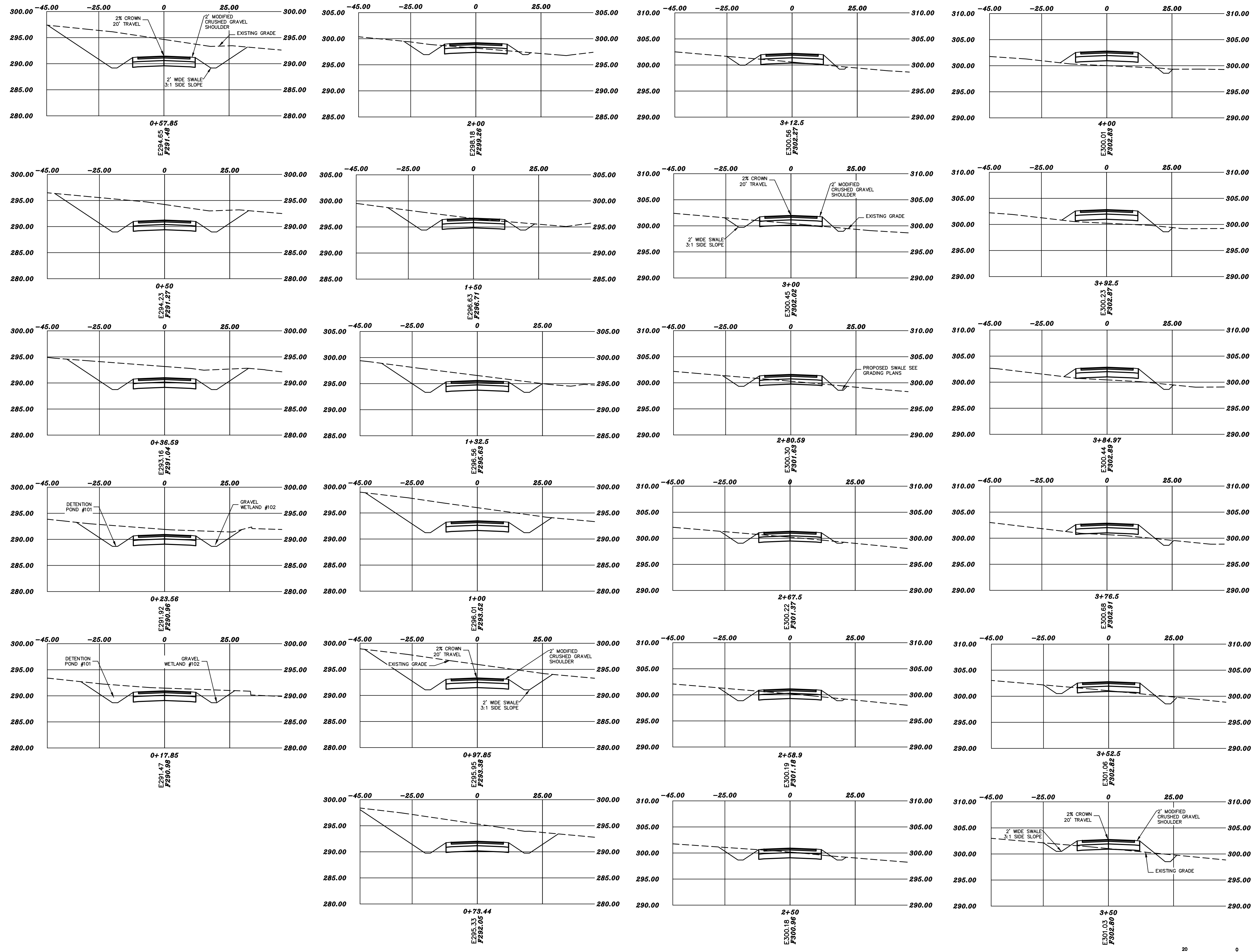
EROSION AND SEDIMENT CONTROL PLAN EAST, & MITCHELL RD  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
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SHEET 36 OF 49

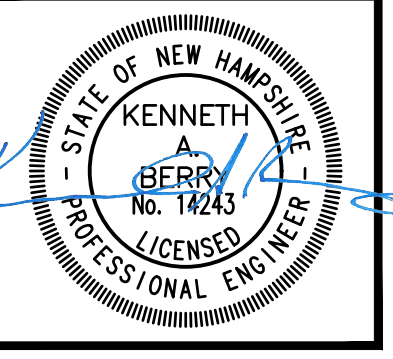




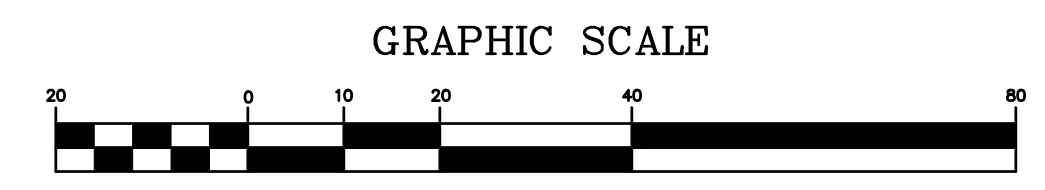
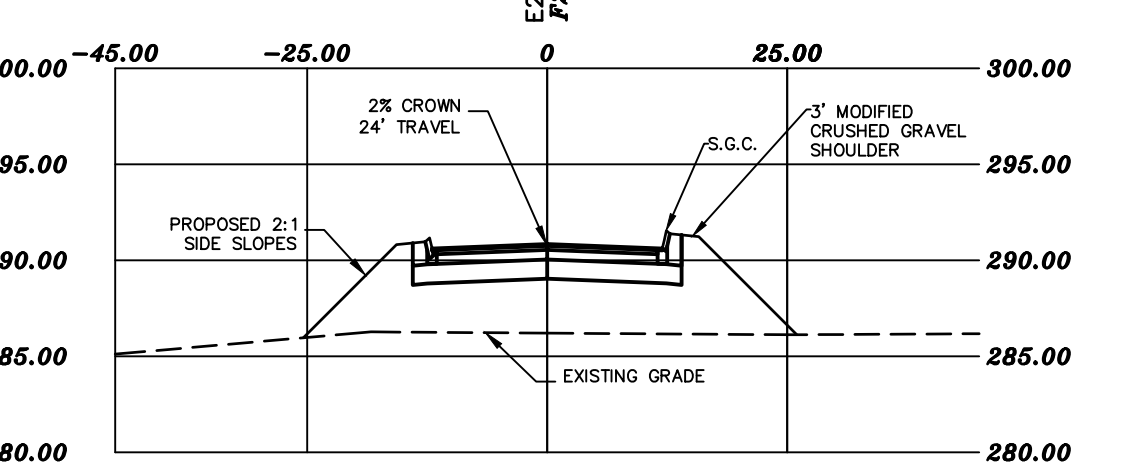
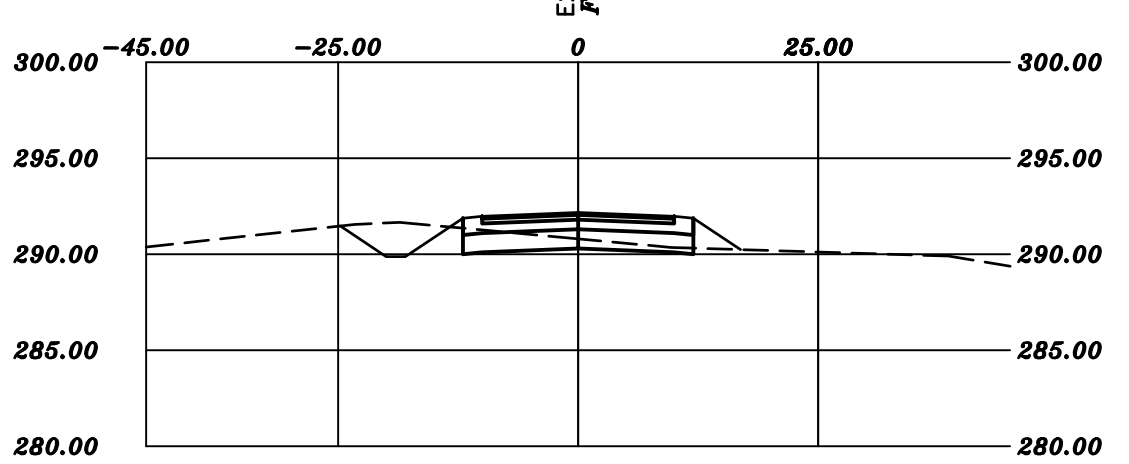
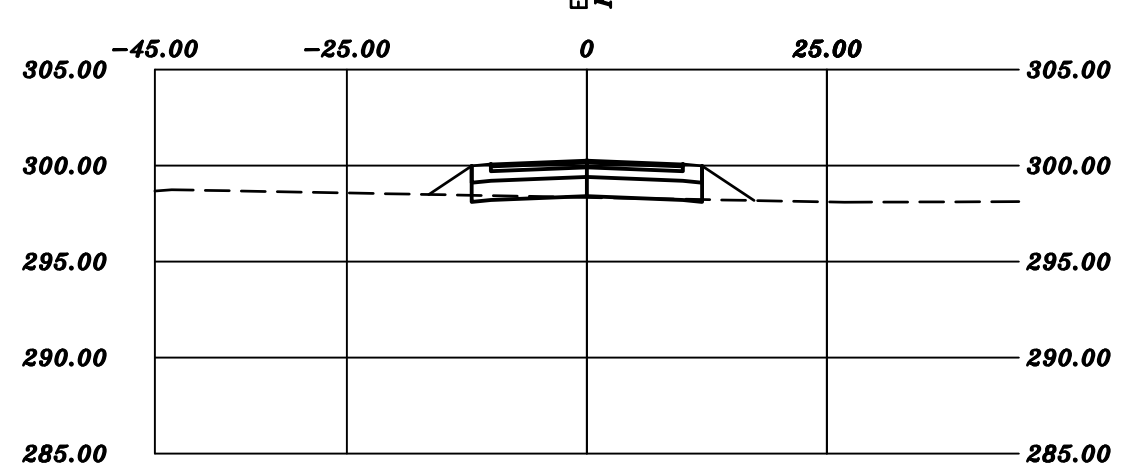
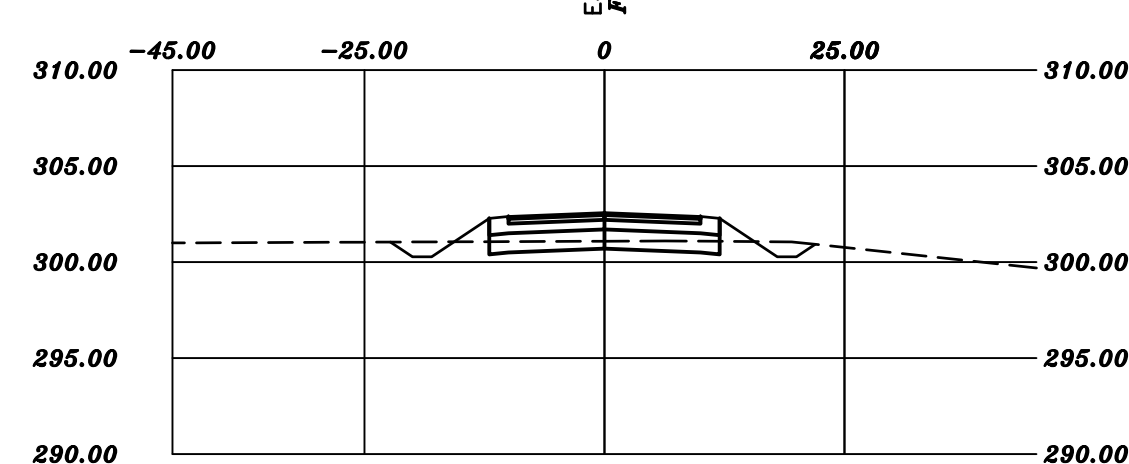
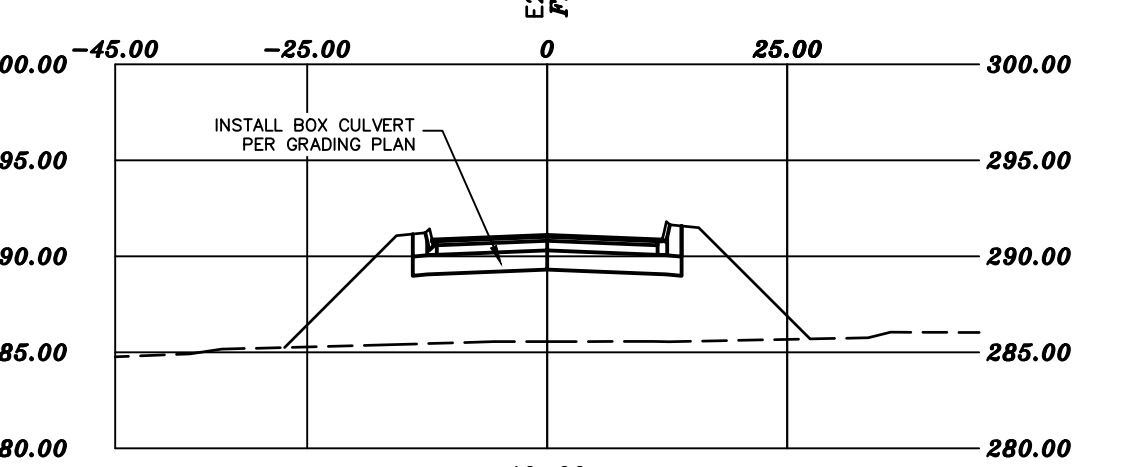
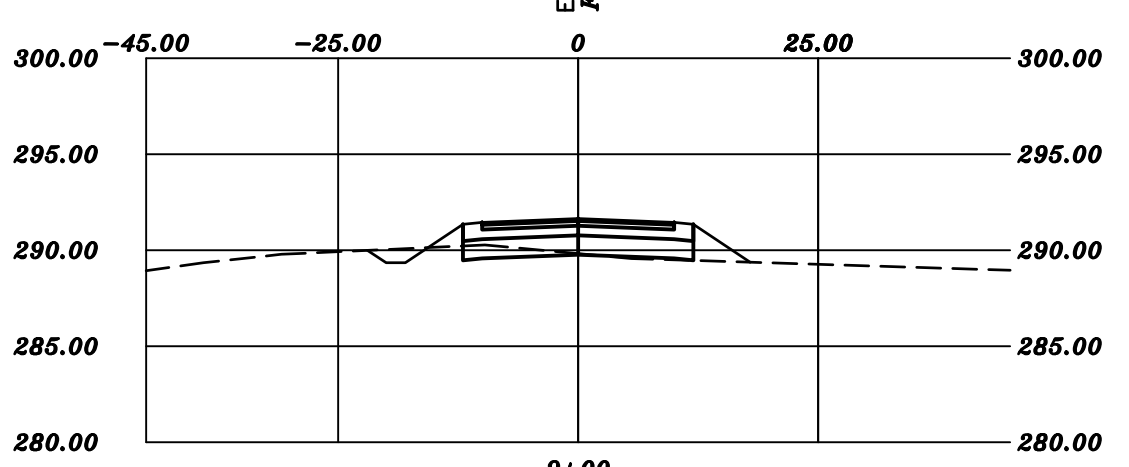
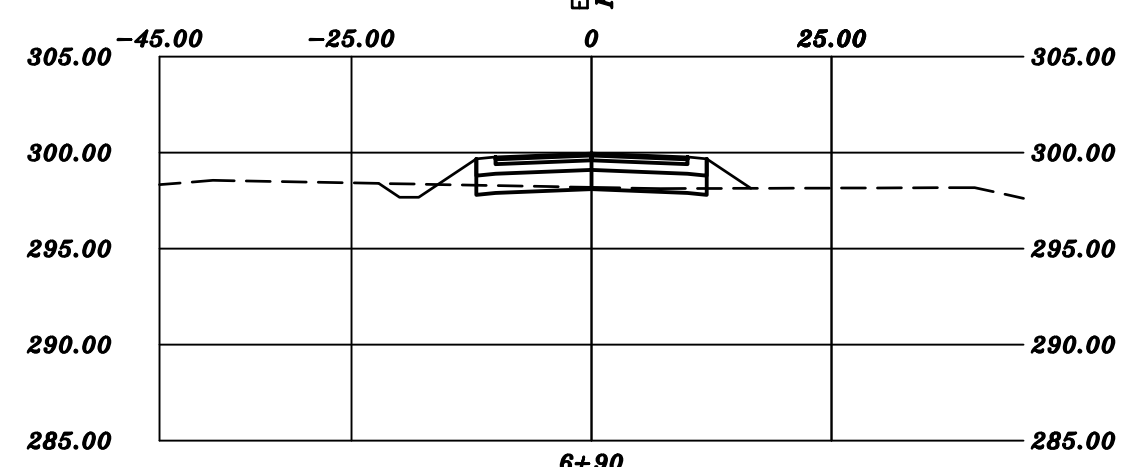
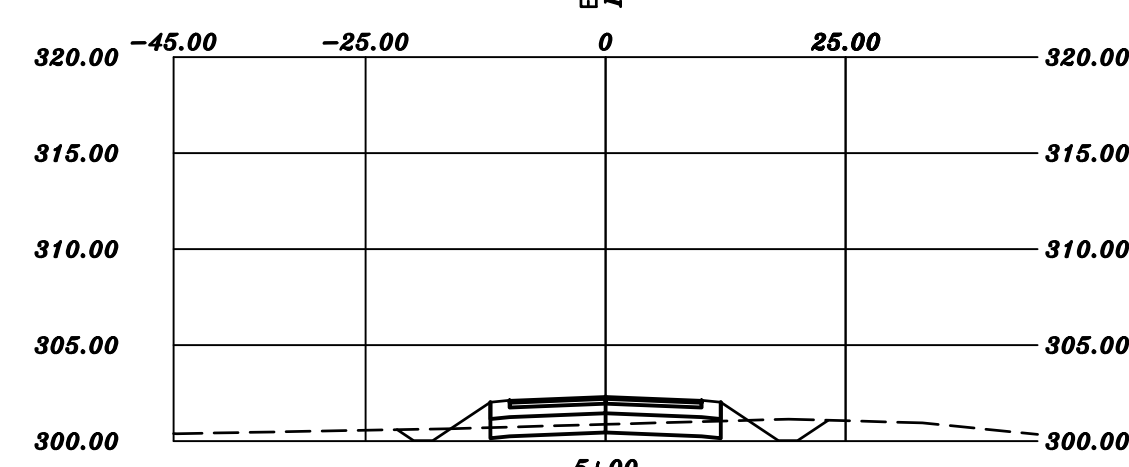
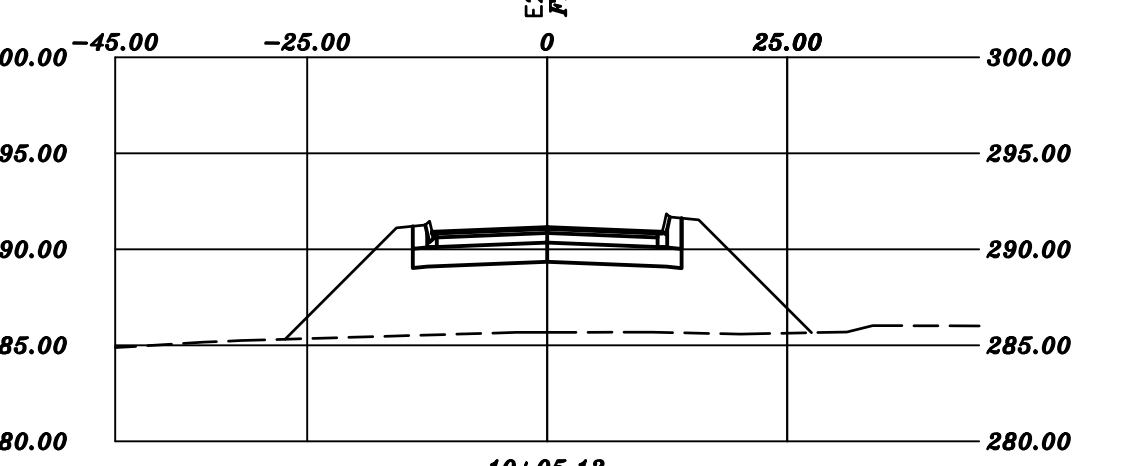
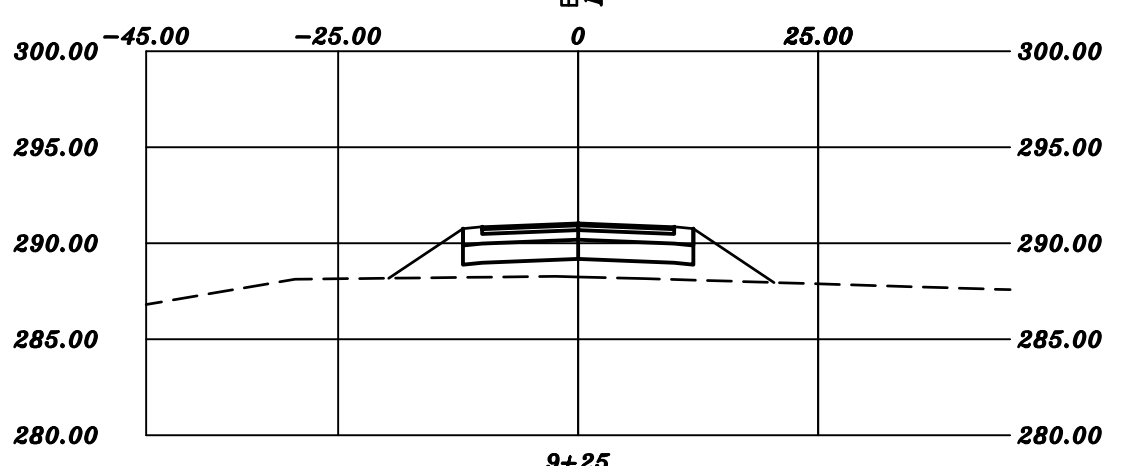
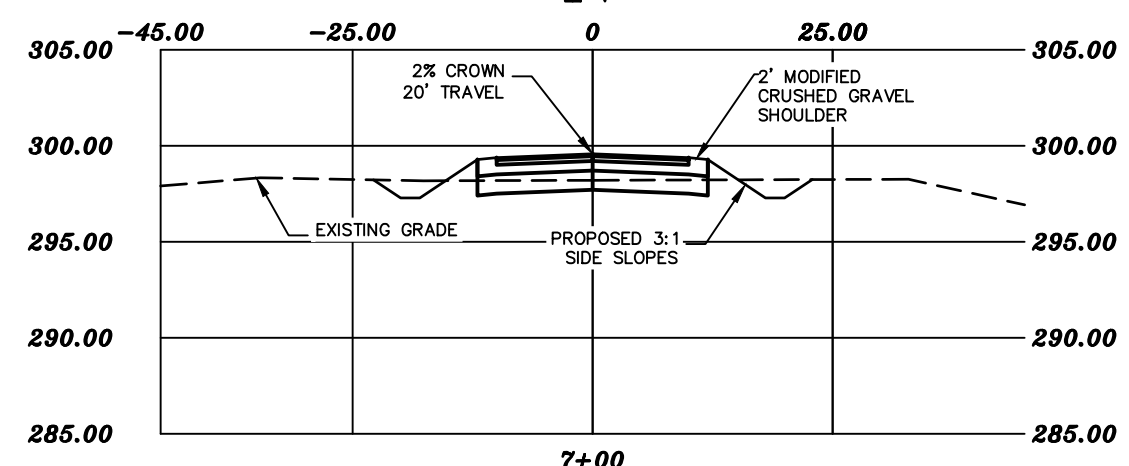
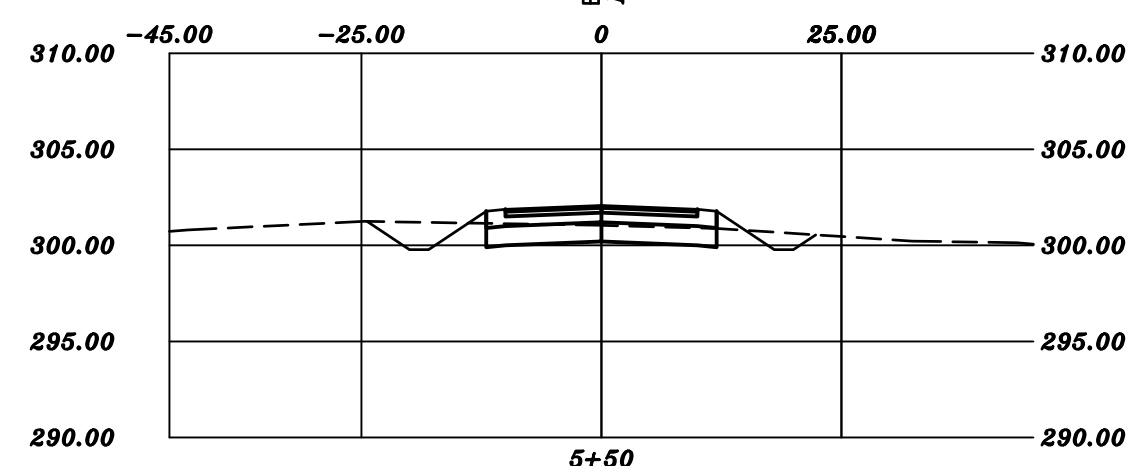
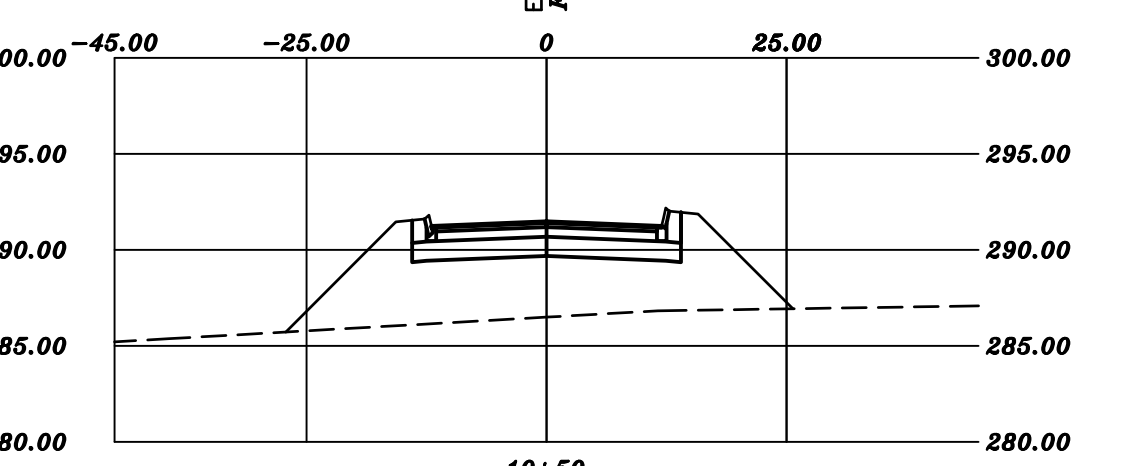
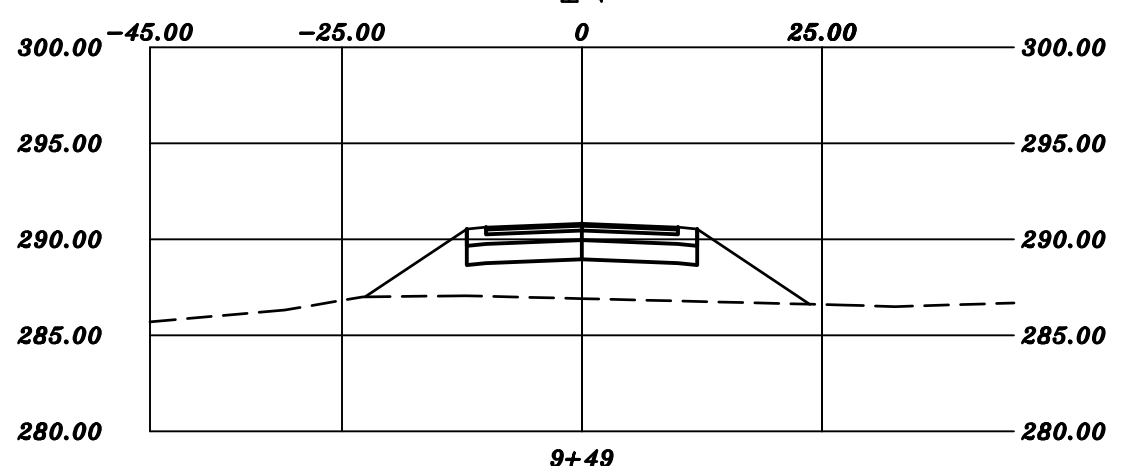
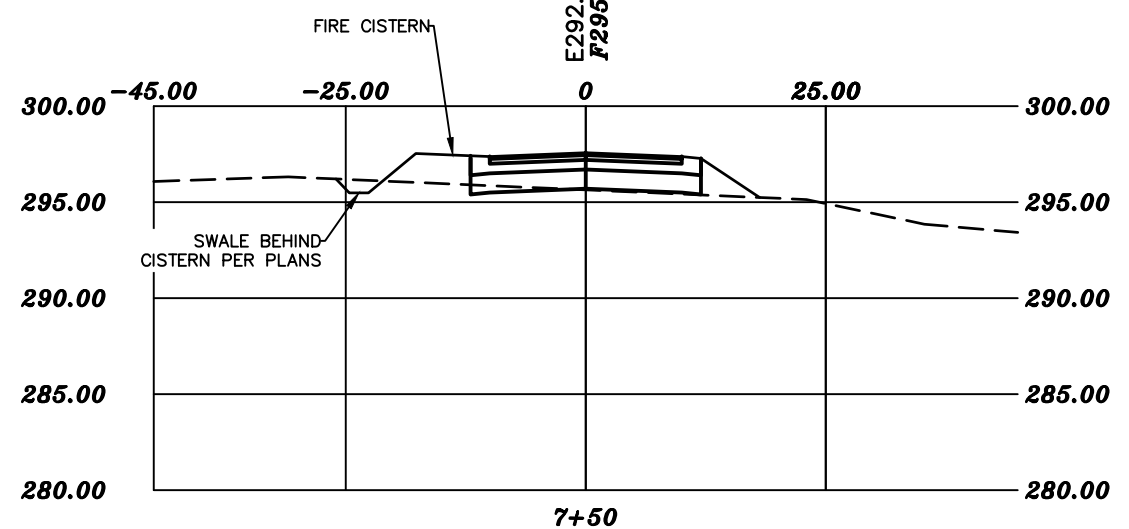
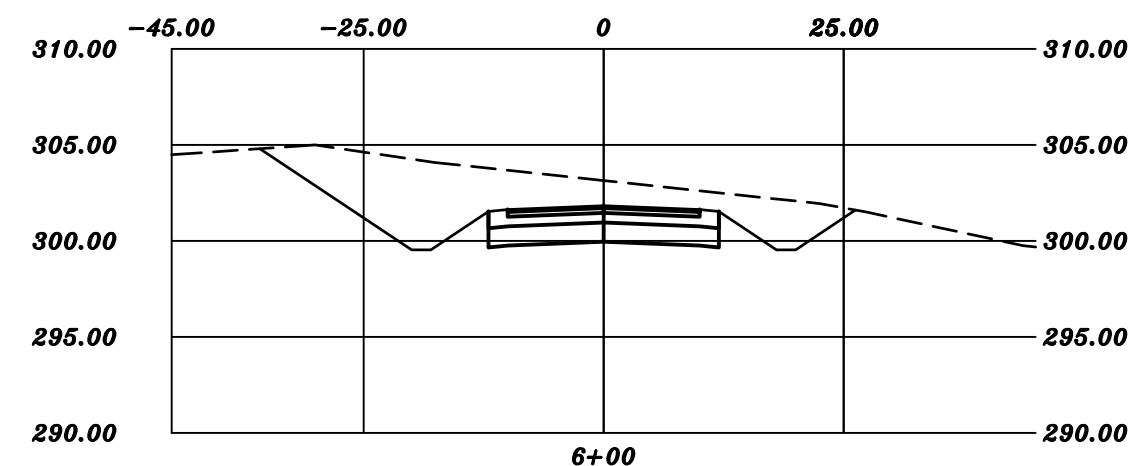
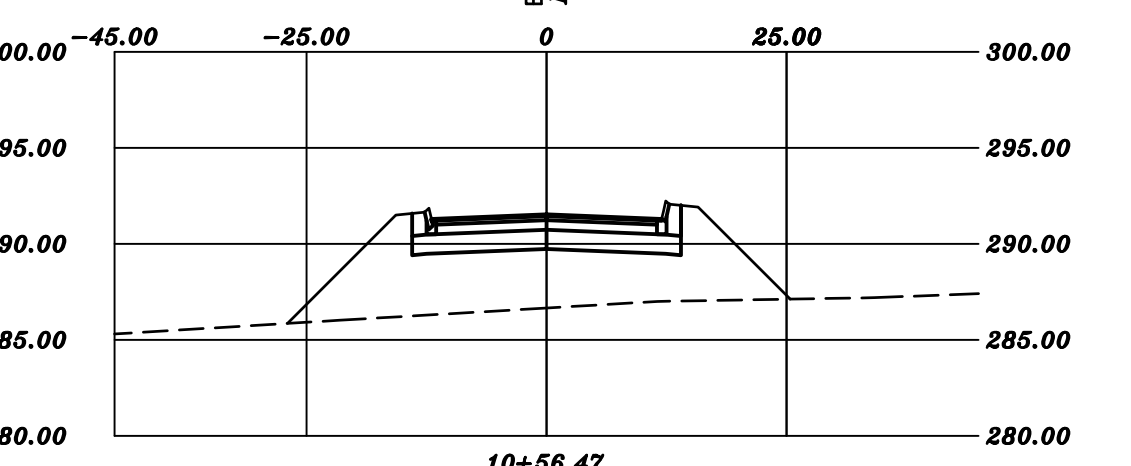
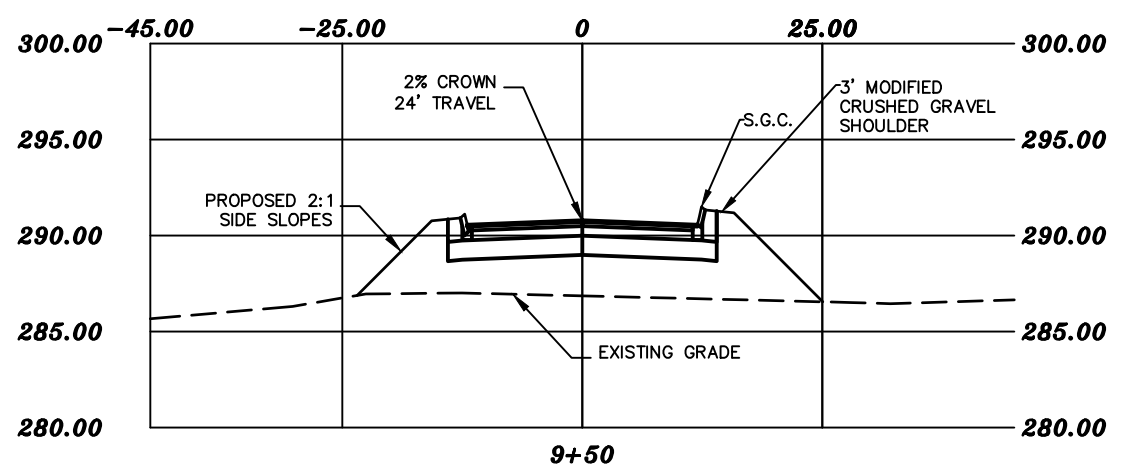
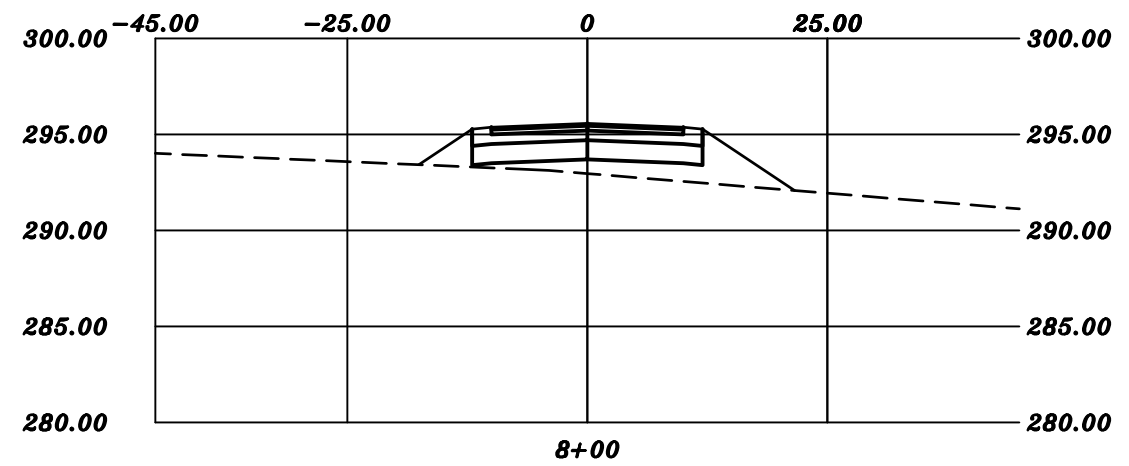
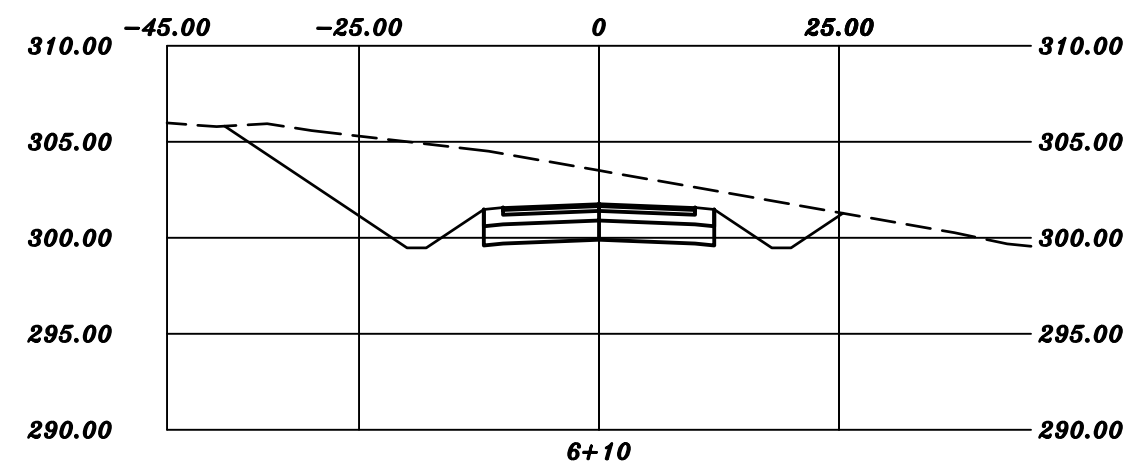
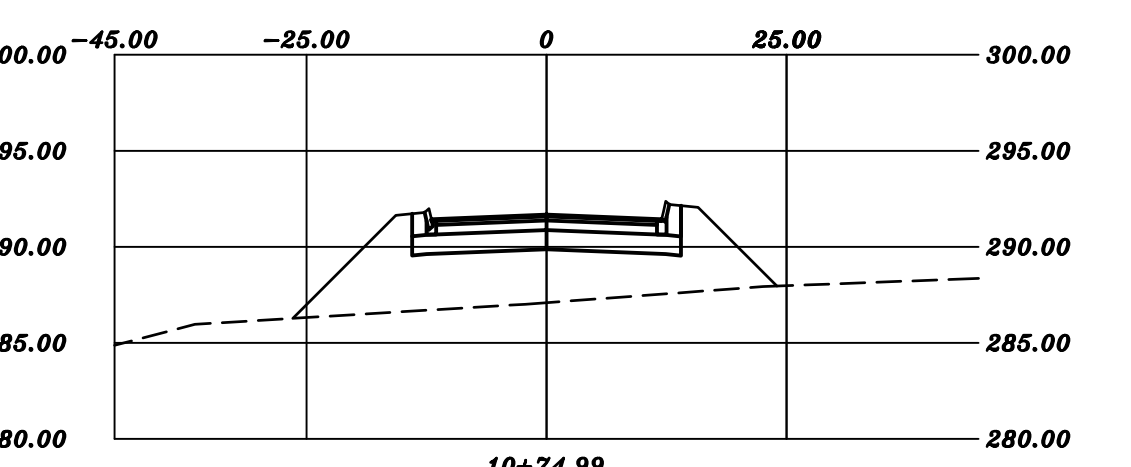
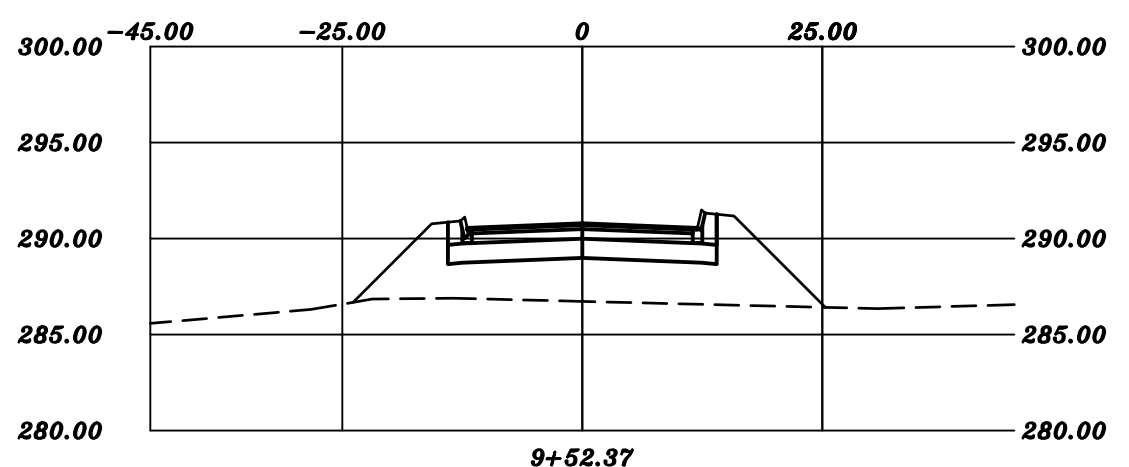
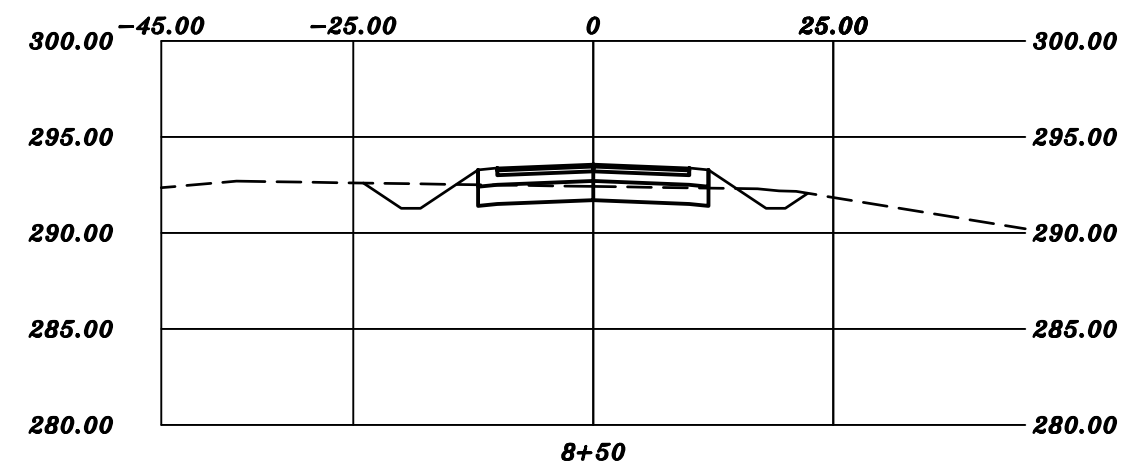
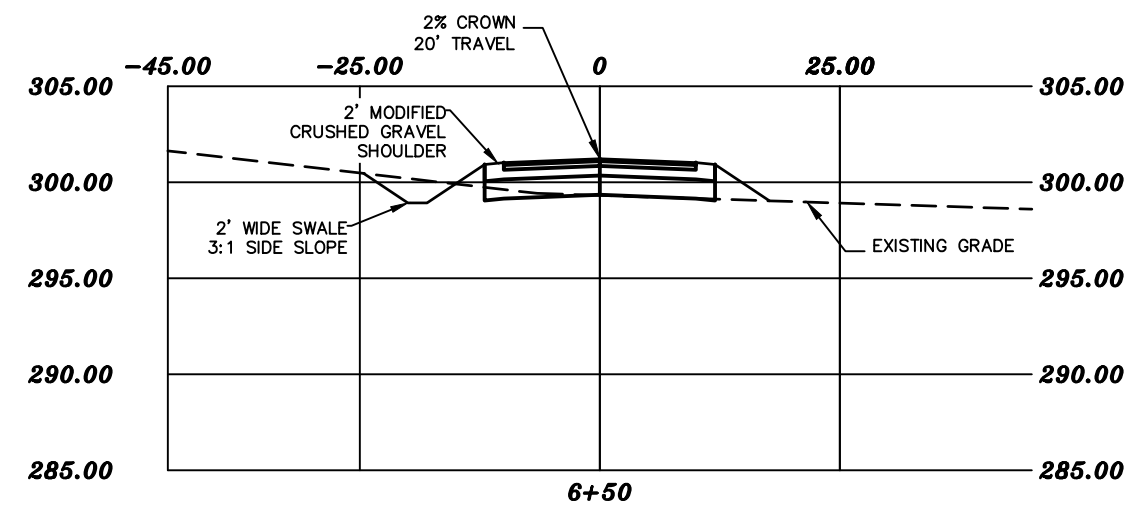
| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

CROSS SECTIONS STONE GREY DRIVE 0+00 - 4+00  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 SCALE : 1 IN. EQUALS 20 FT.  
 DATE : MARCH 16, 2020  
 FILE NO. : DB 2018 - 125



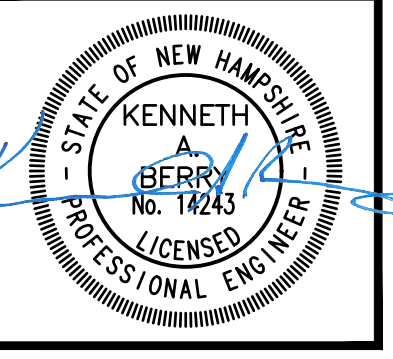




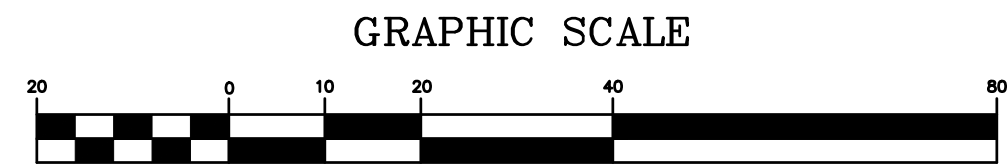
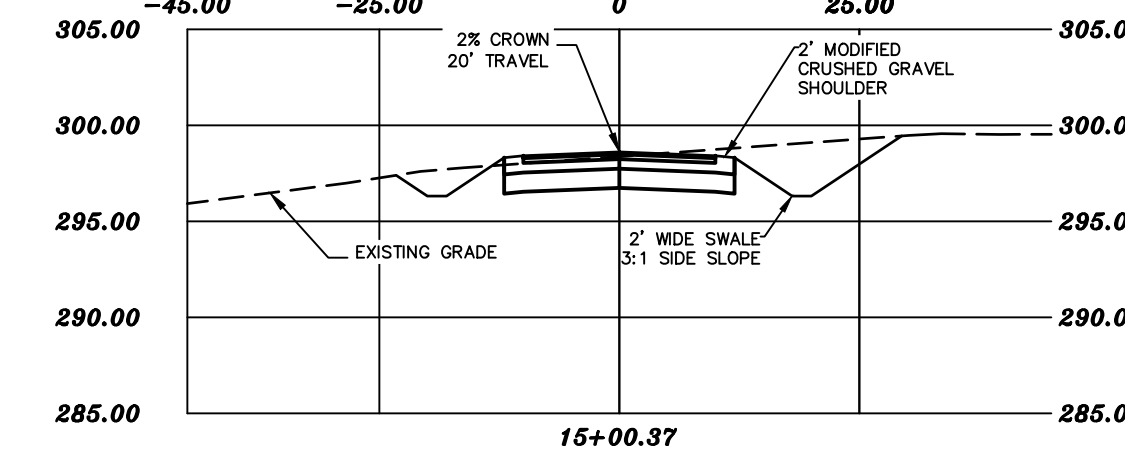
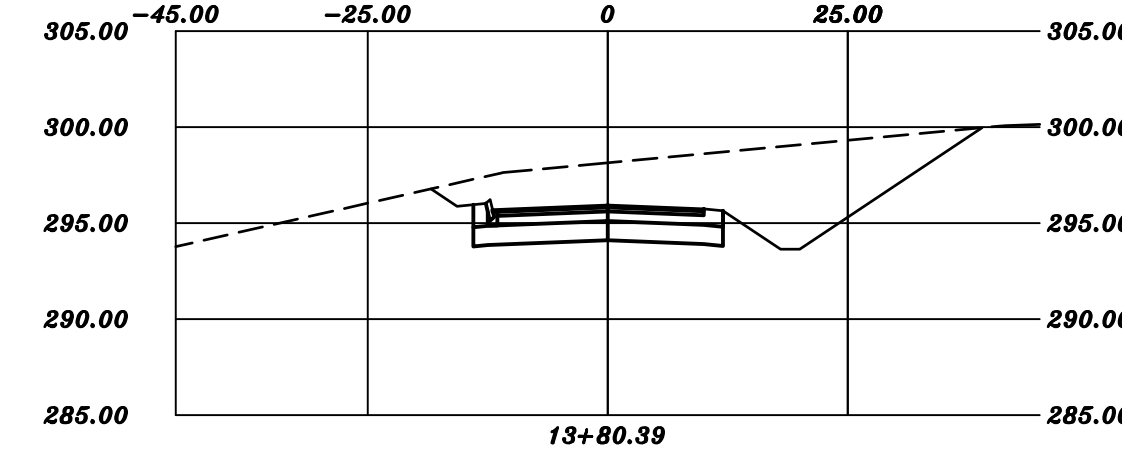
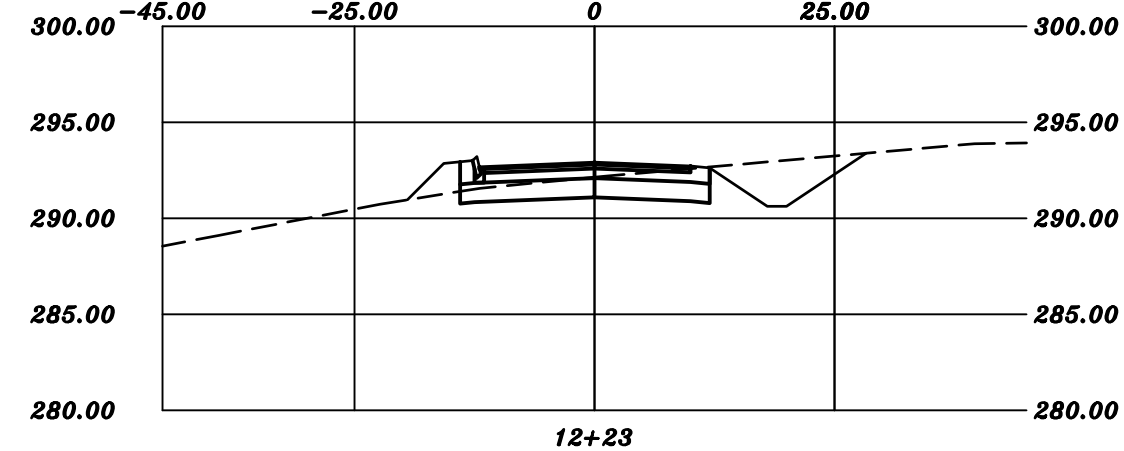
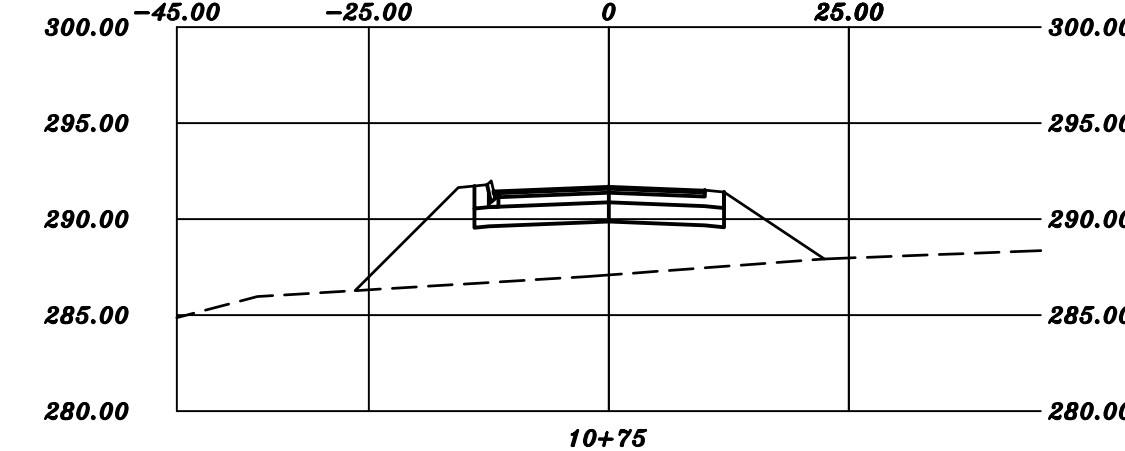
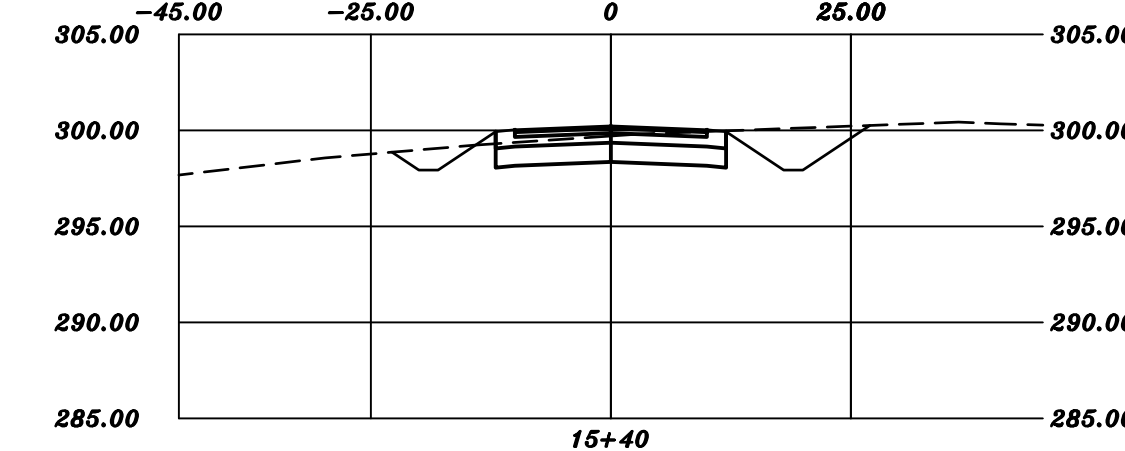
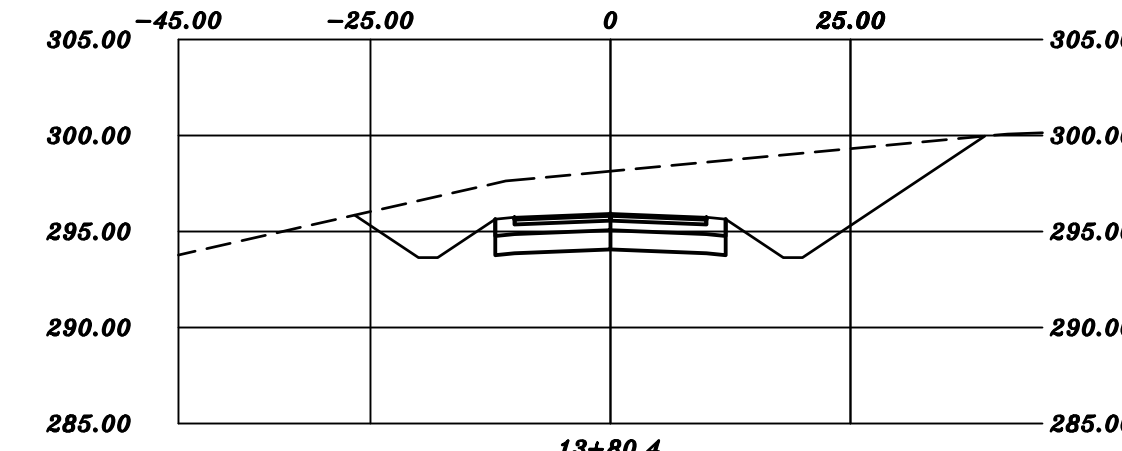
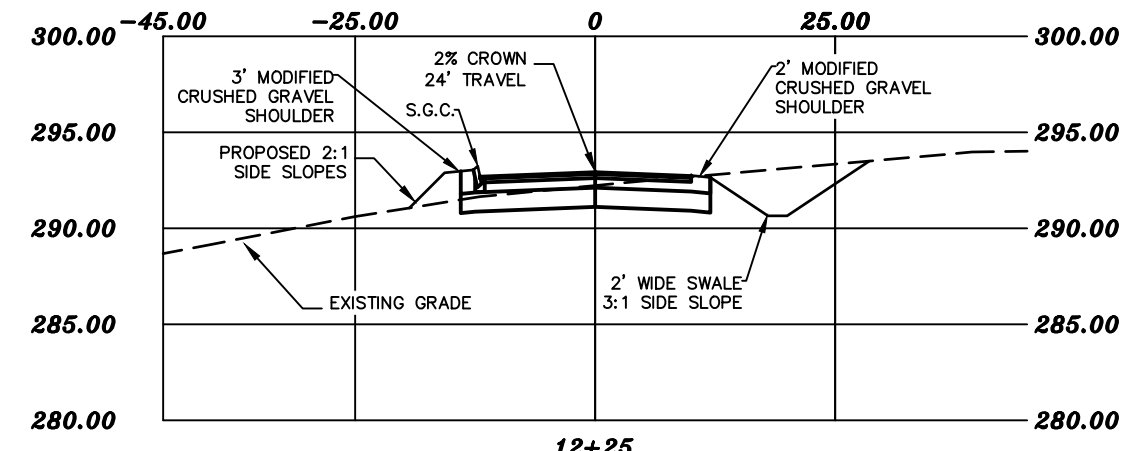
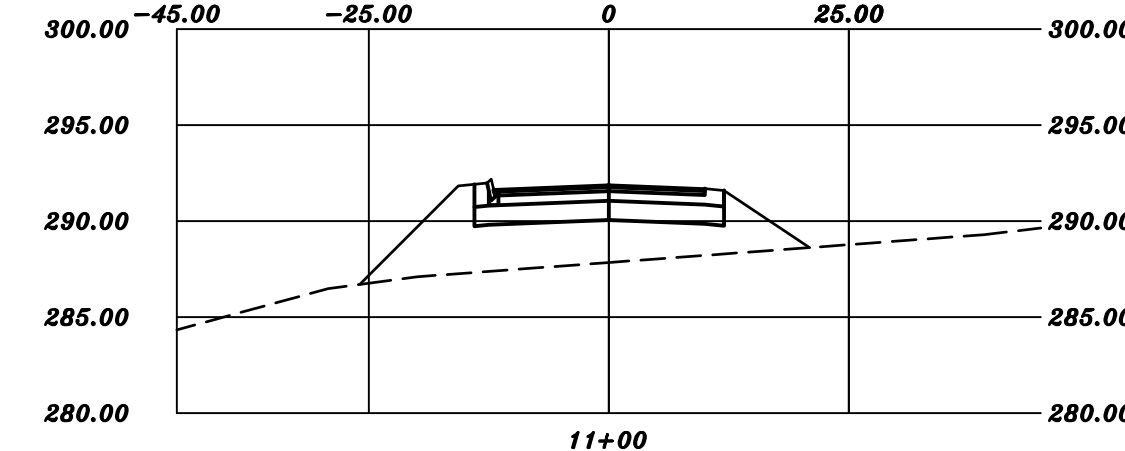
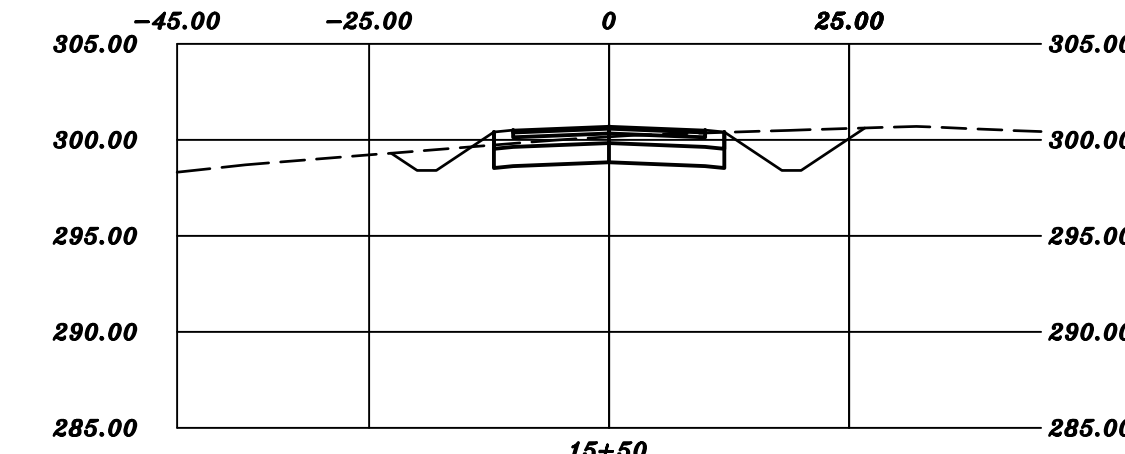
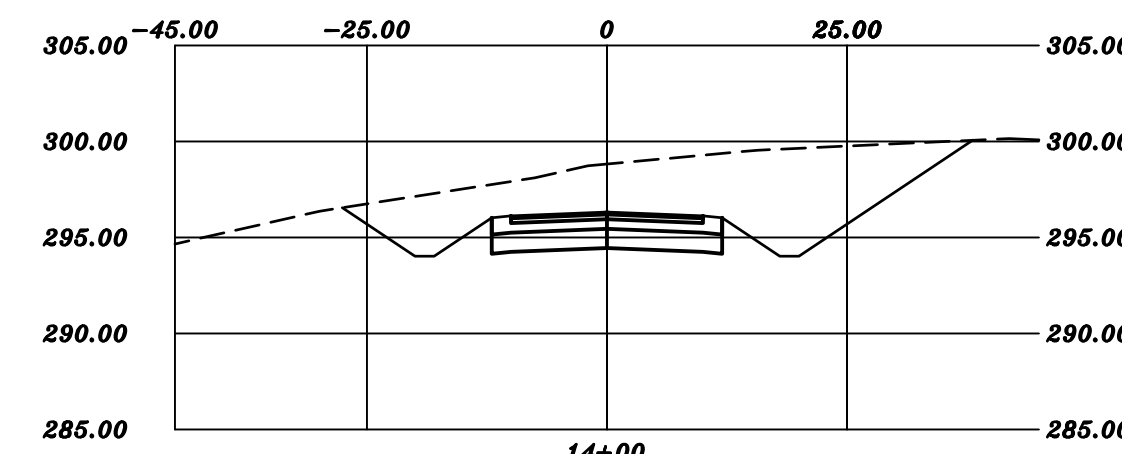
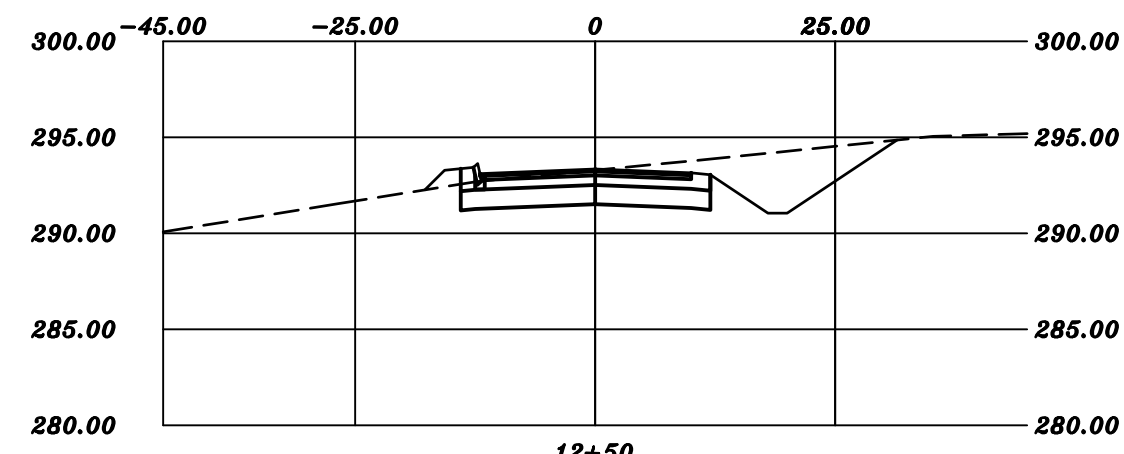
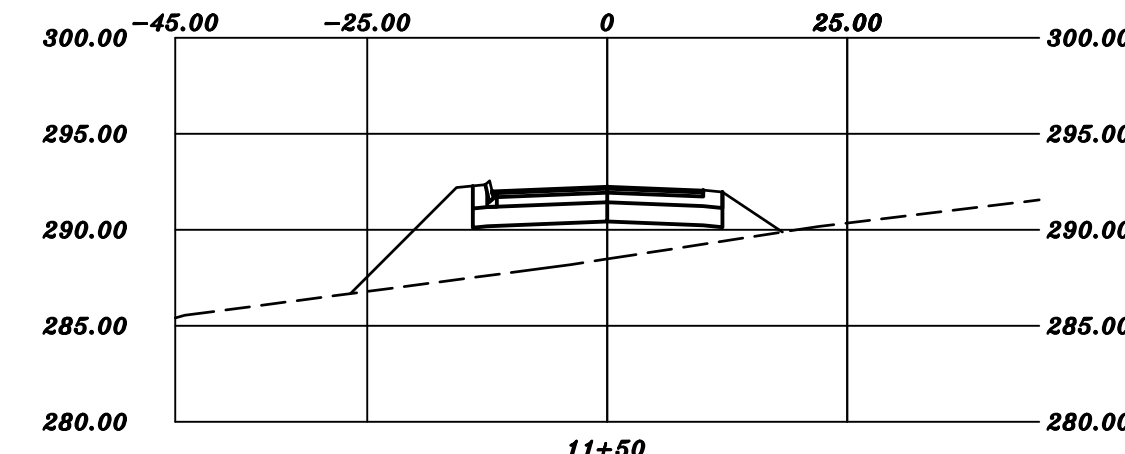
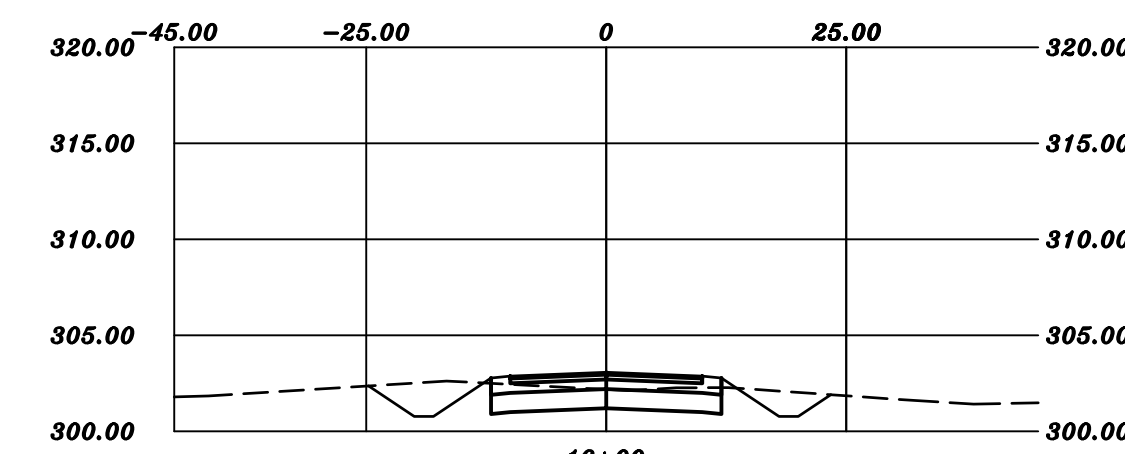
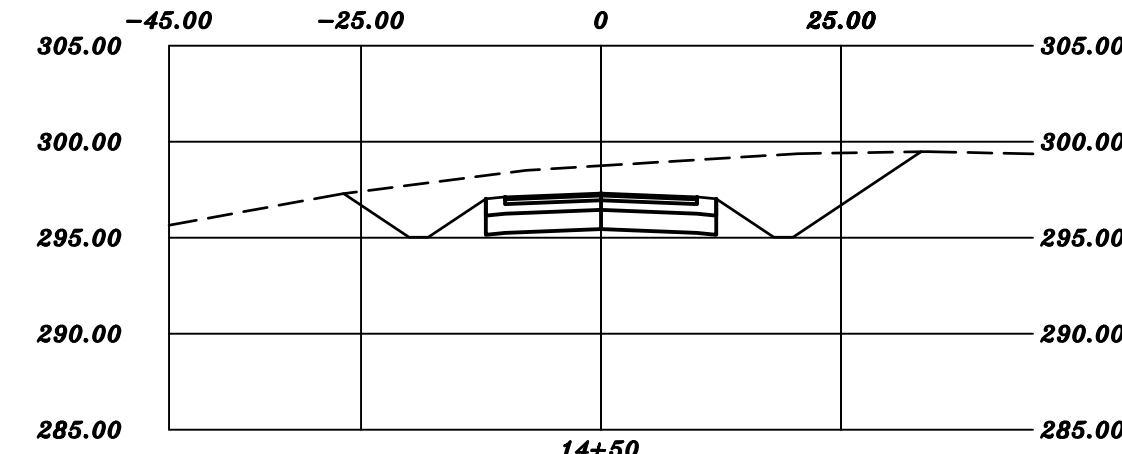
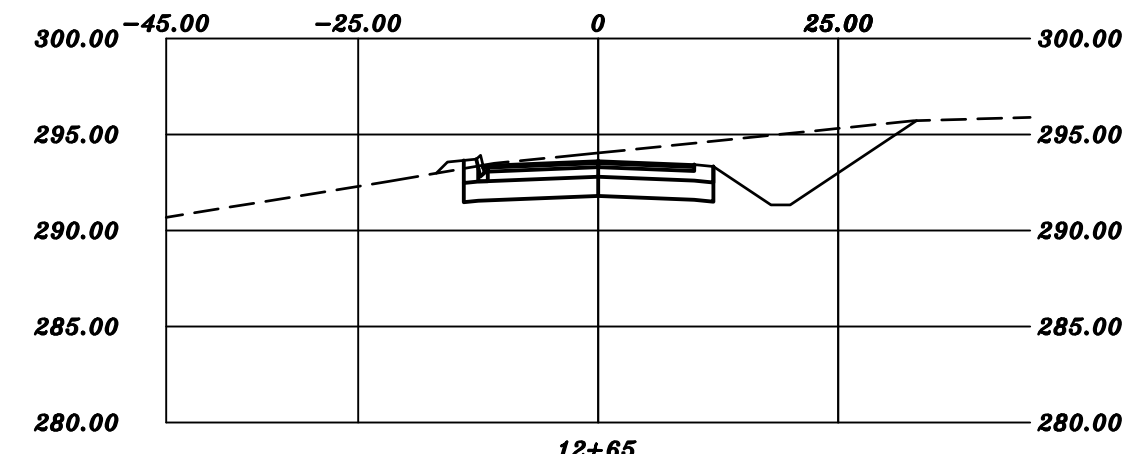
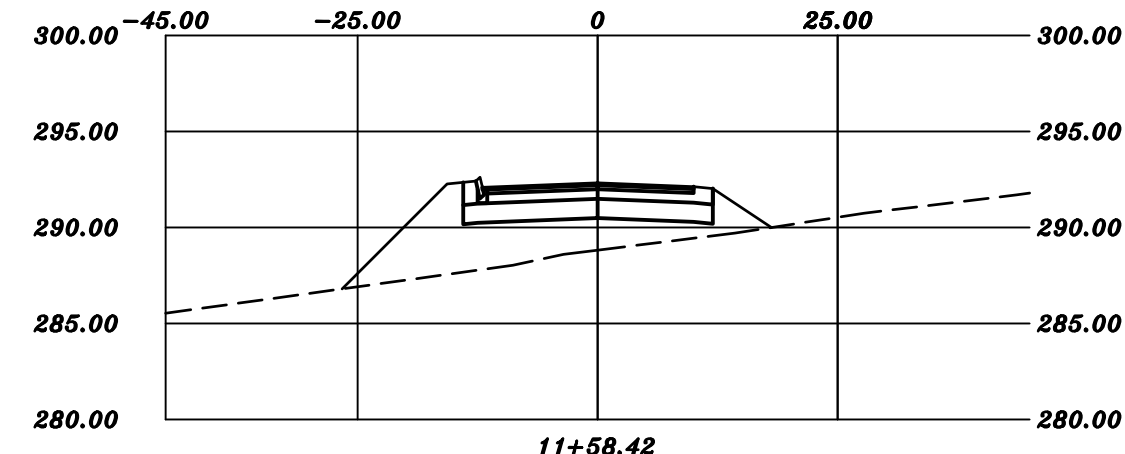
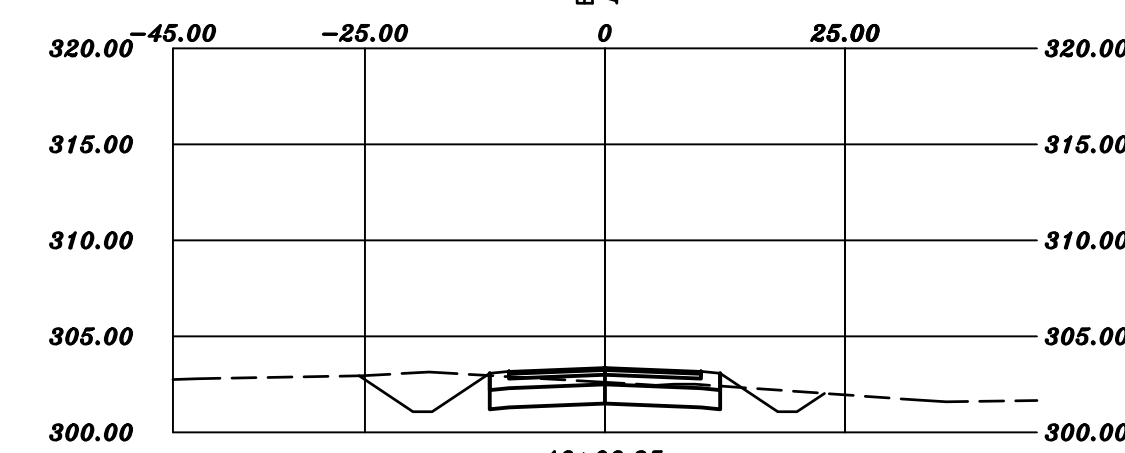
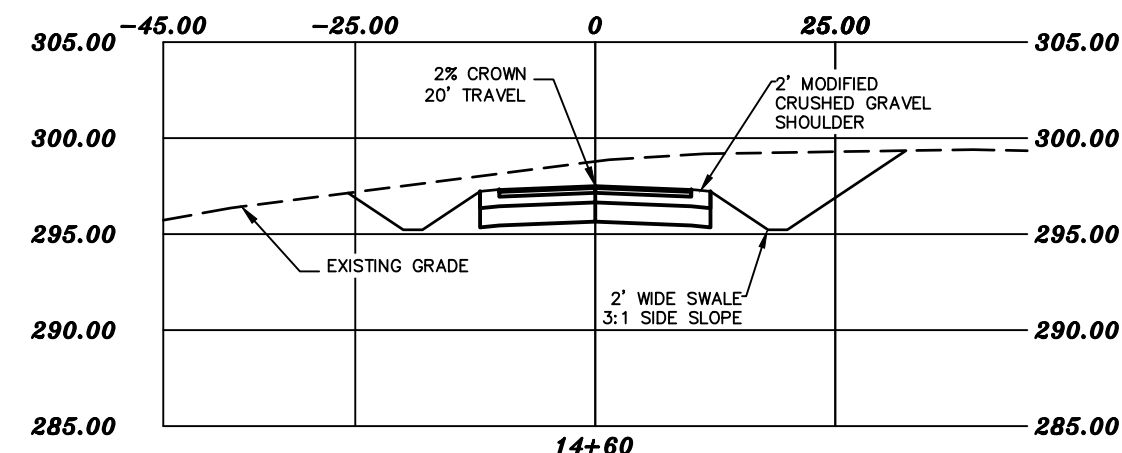
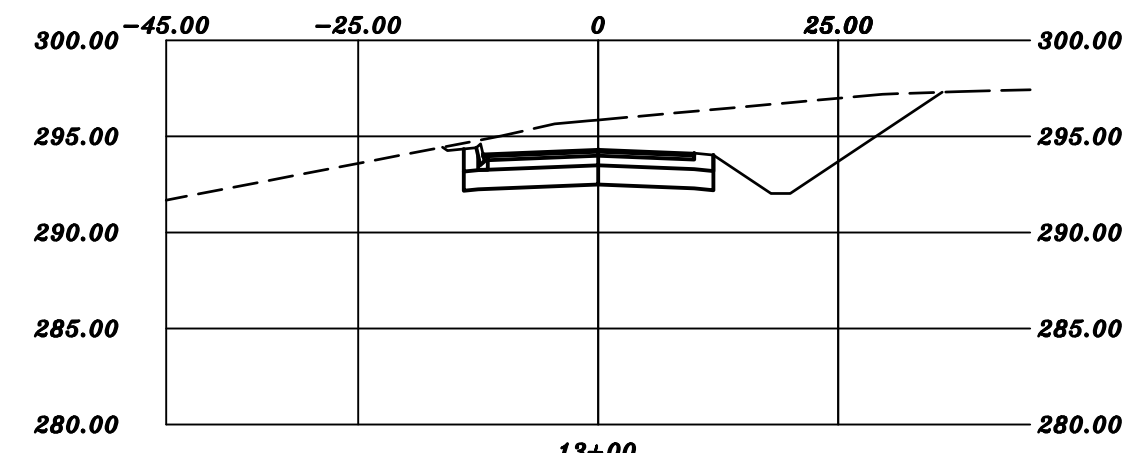
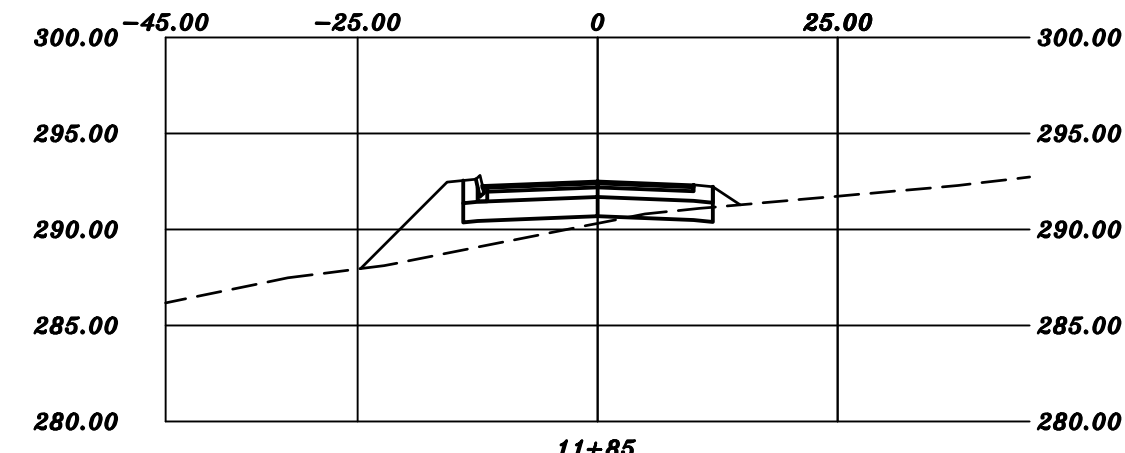
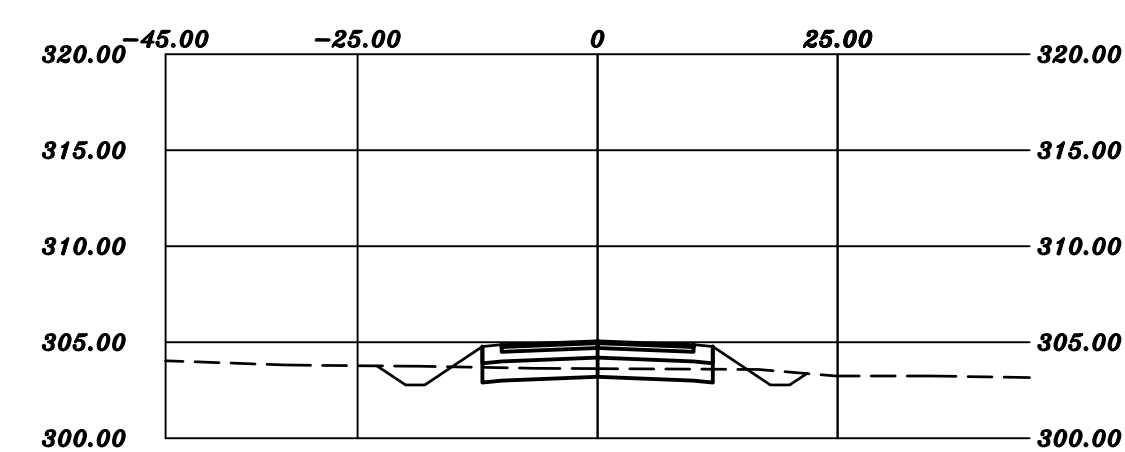
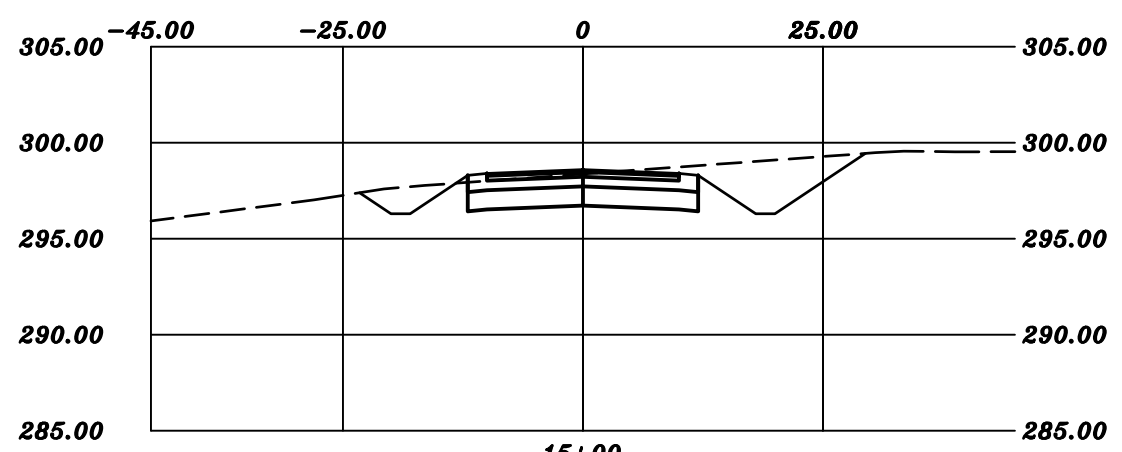
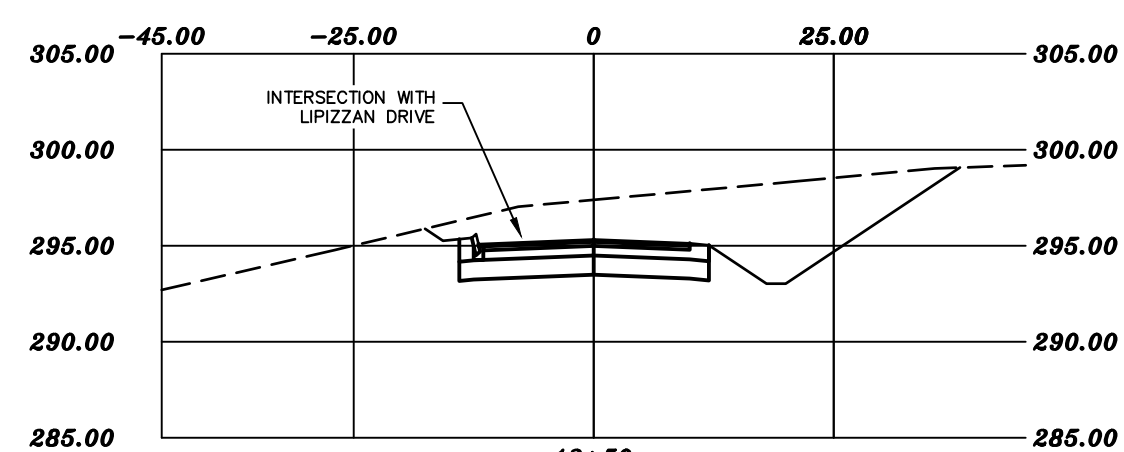
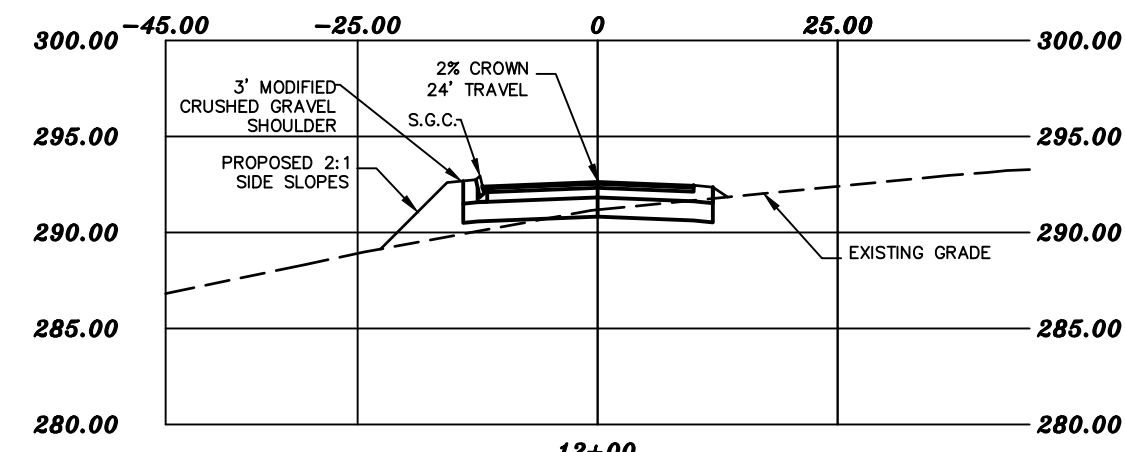
| #1 | REVISION | DATE | DESCRIPTION                          |
|----|----------|------|--------------------------------------|
|    | 4-29-20  |      | REVISED PER NOTTINGHAM STAFF COMMENT |

CROSS SECTIONS STONE GREY DRIVE 4+50-10+74.99  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 SCALE : 1 IN. EQUALS 20 FT.  
 DATE : MARCH 16, 2020  
 FILE NO. : DB 2018 - 125





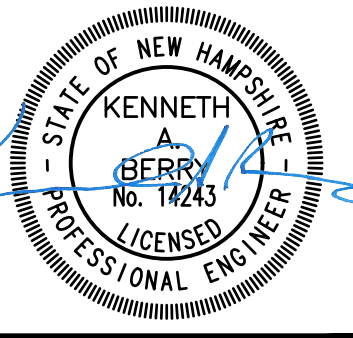


GRAPHIC SCALE  
 ( IN FEET )  
 1 inch = 20 ft.  
 Vertical Scale 10

| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

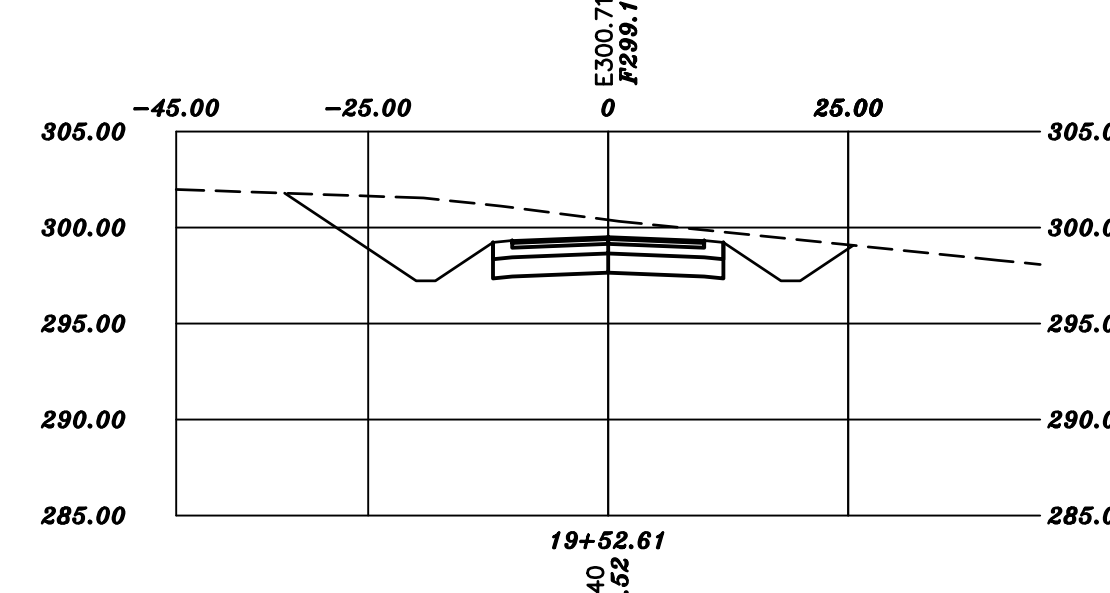
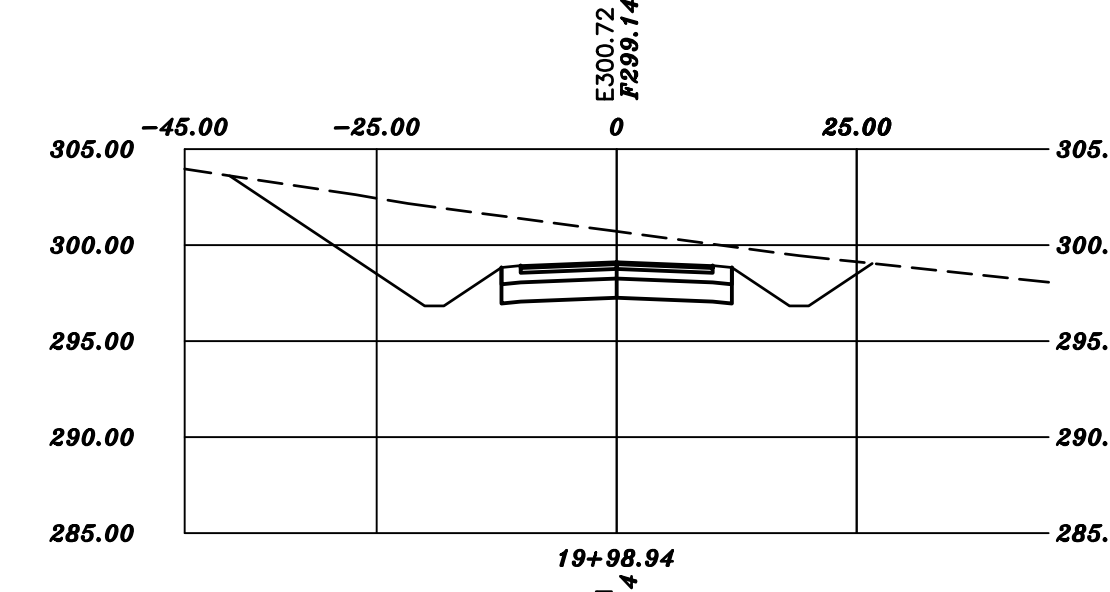
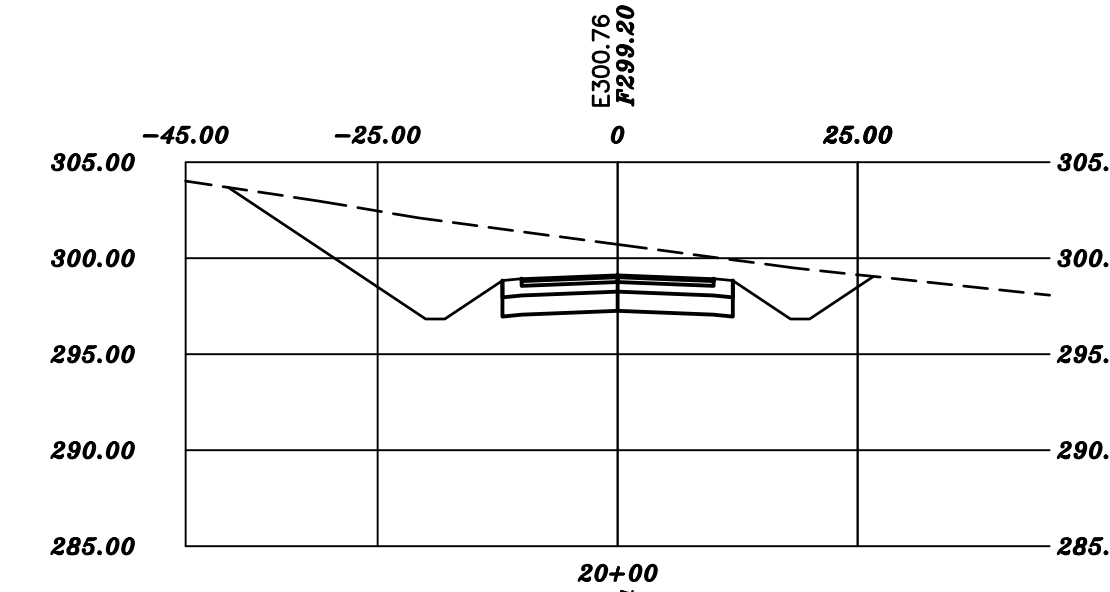
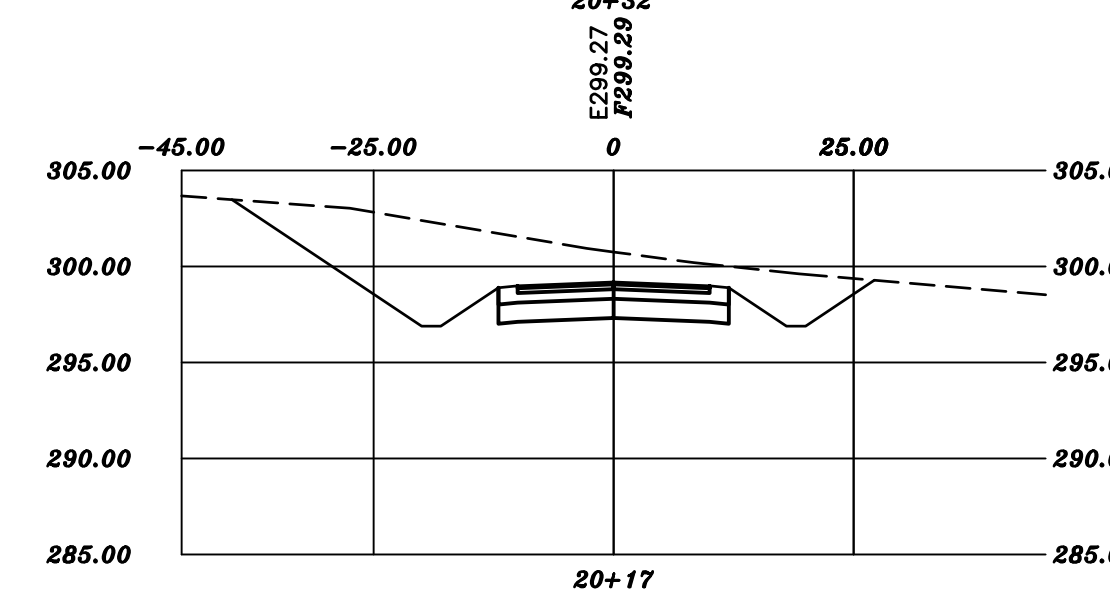
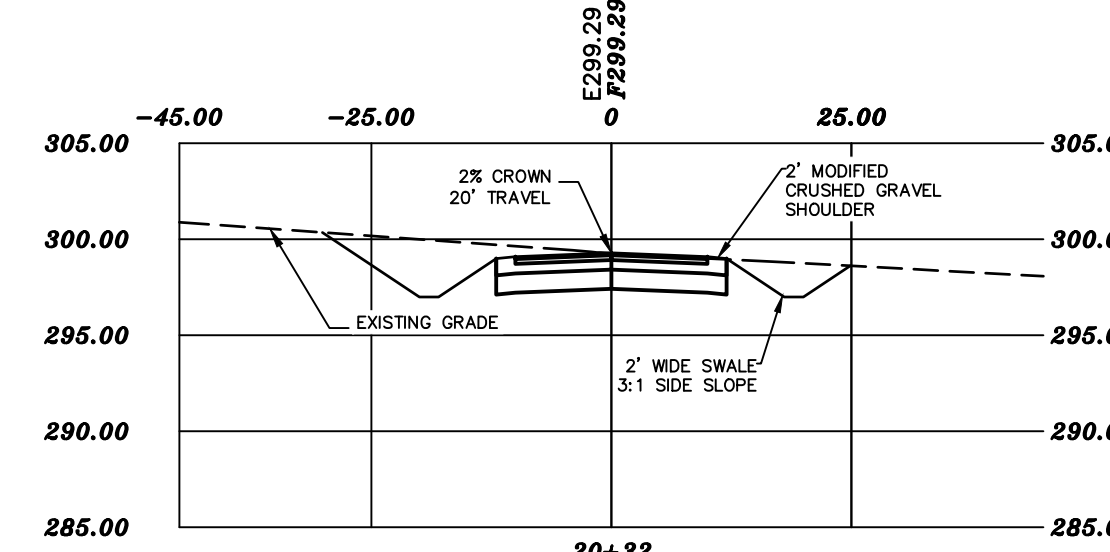
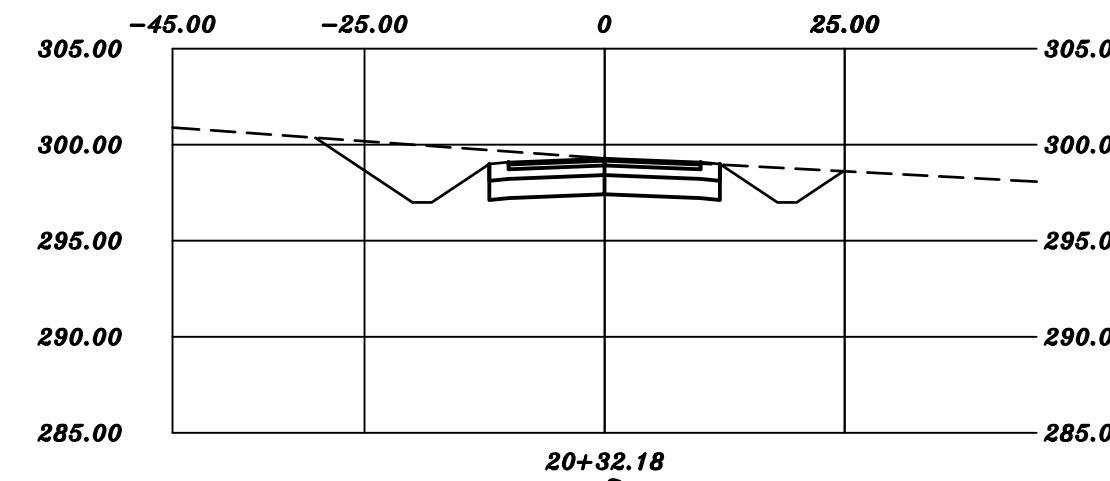
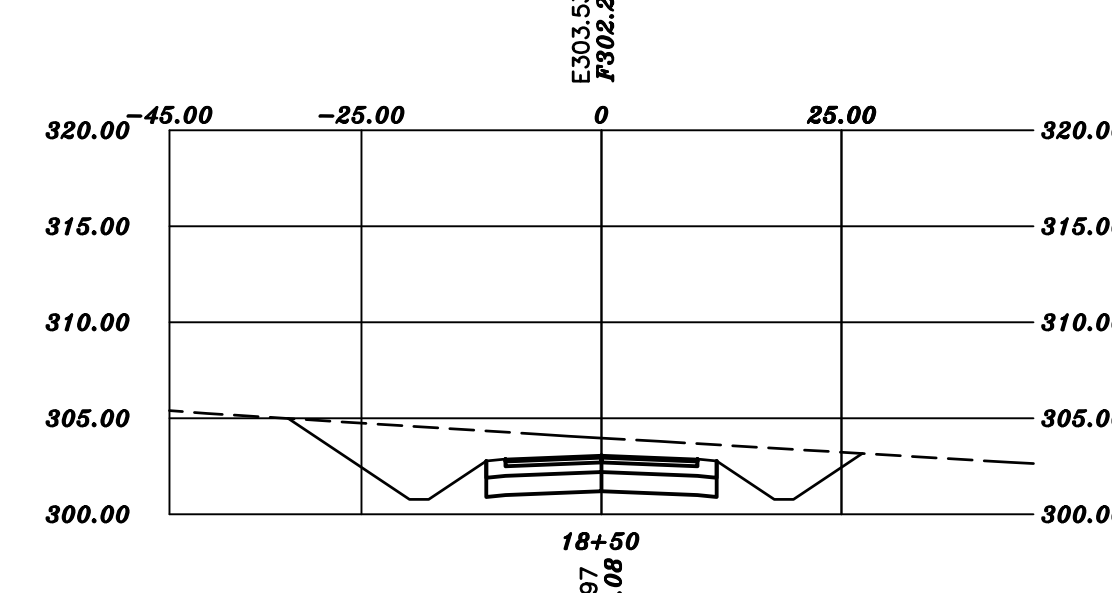
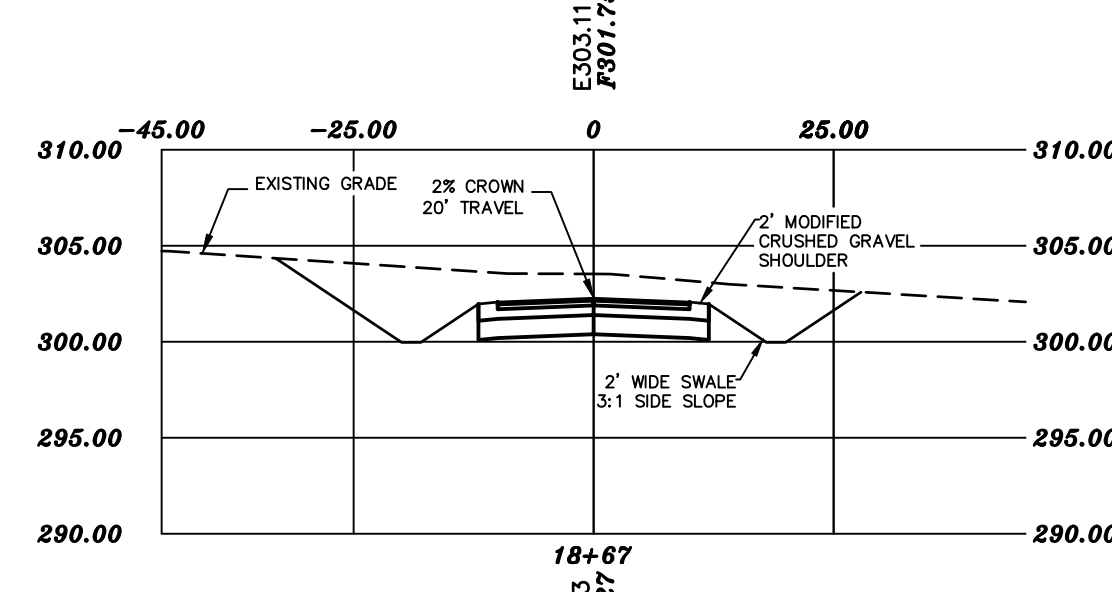
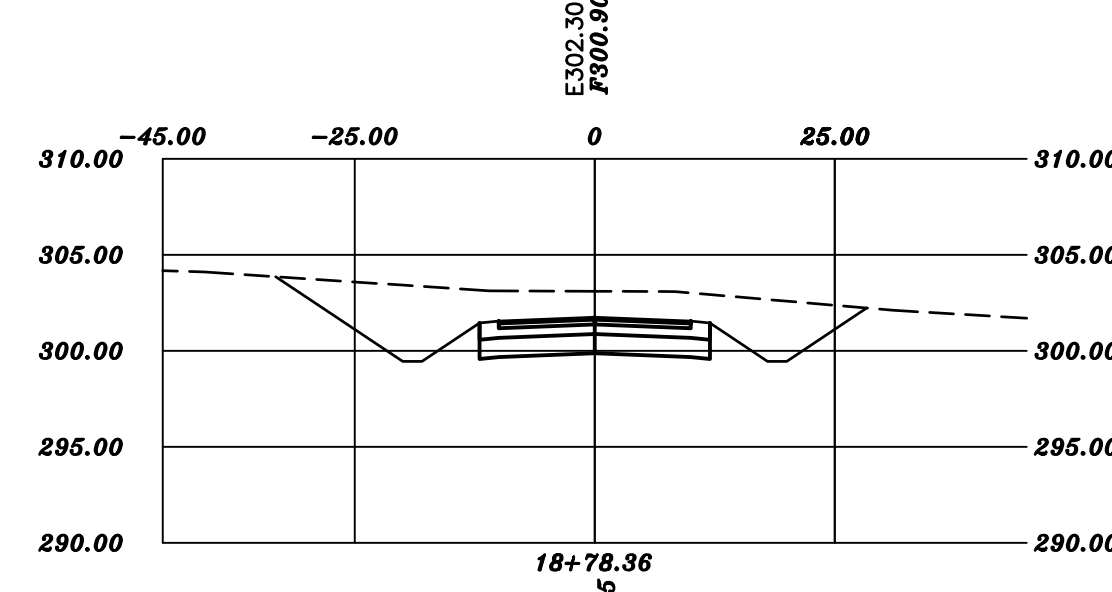
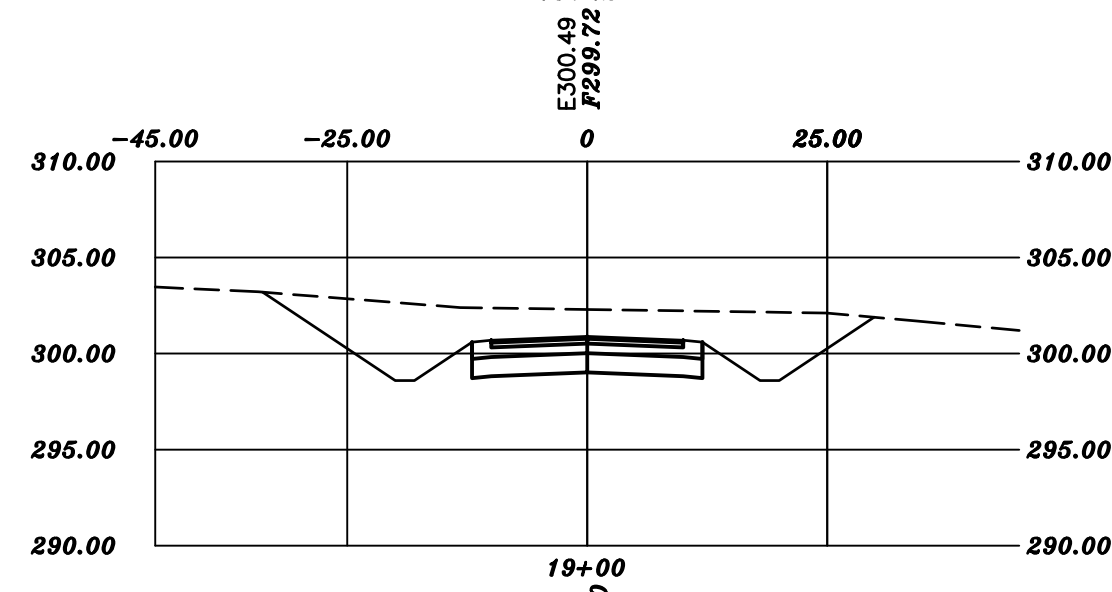
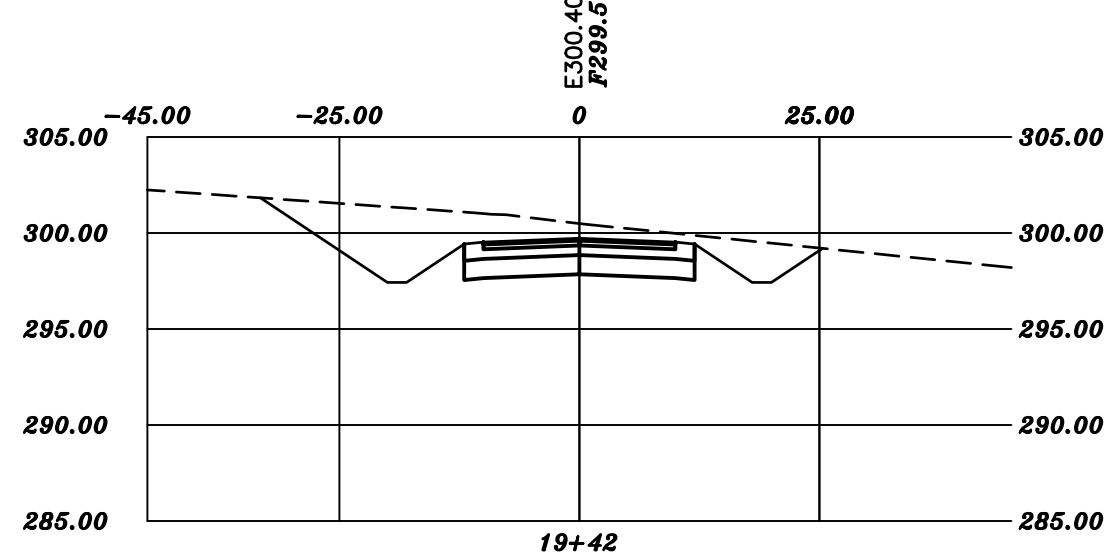
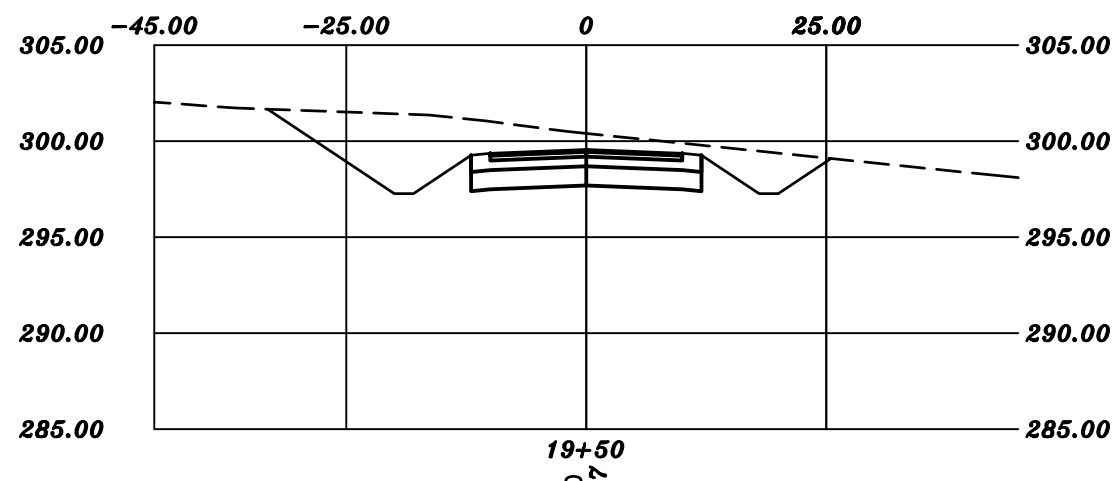
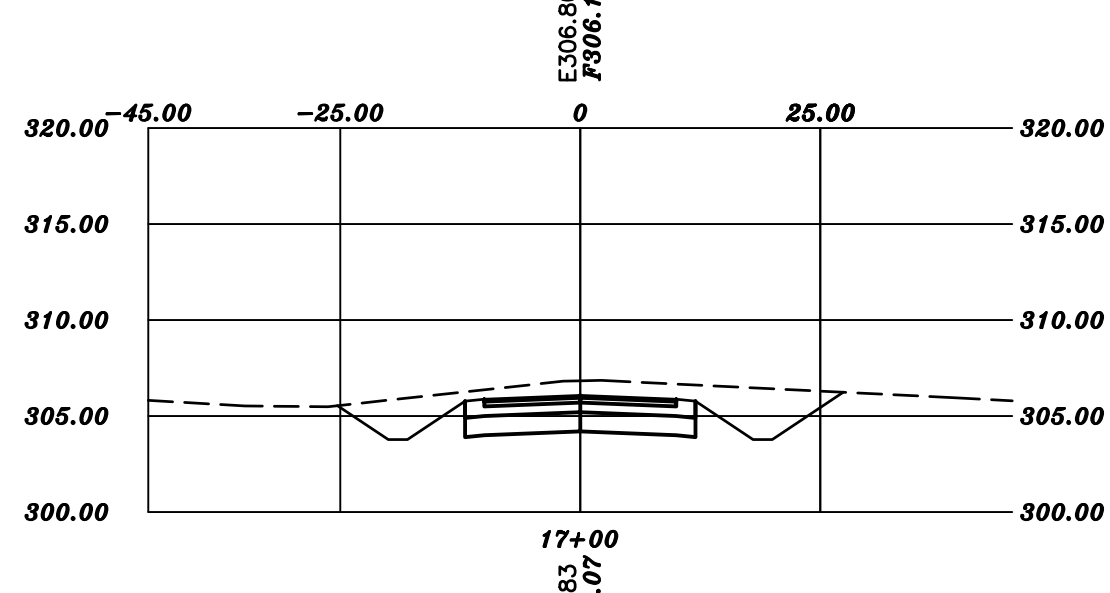
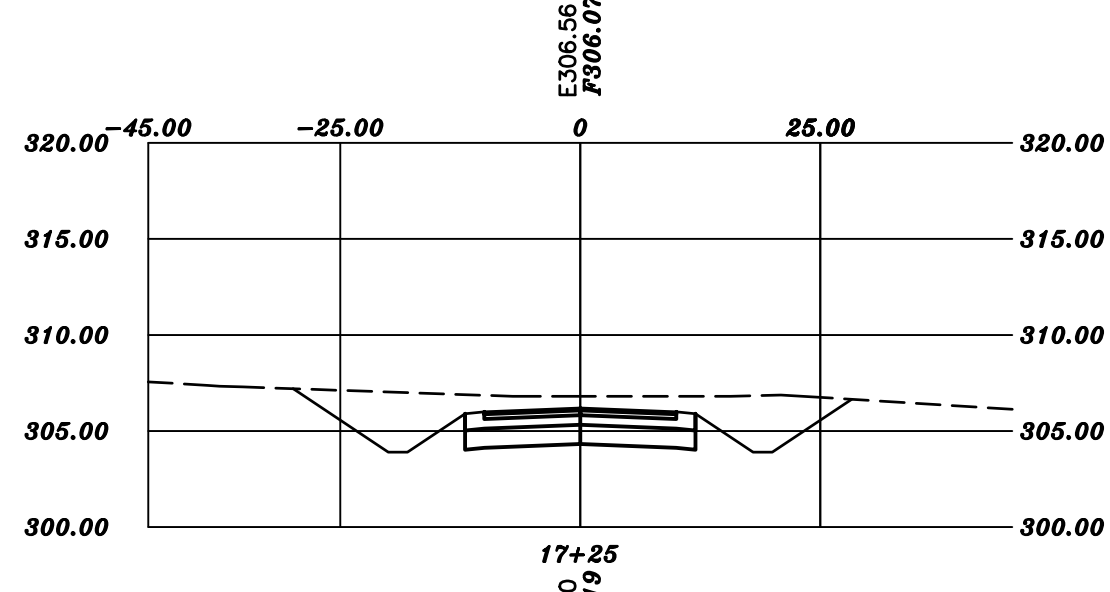
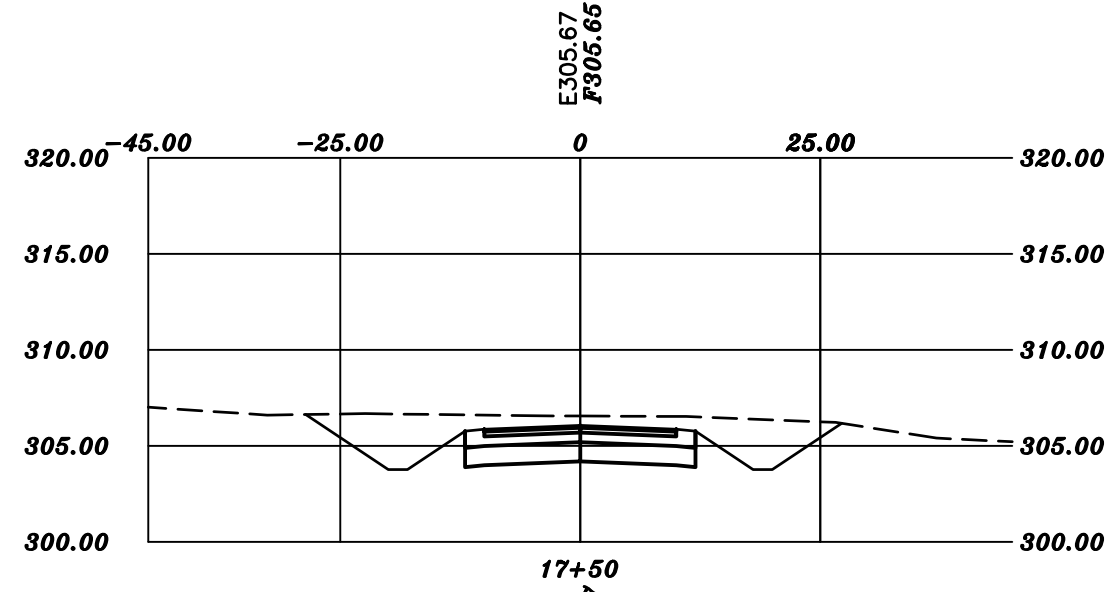
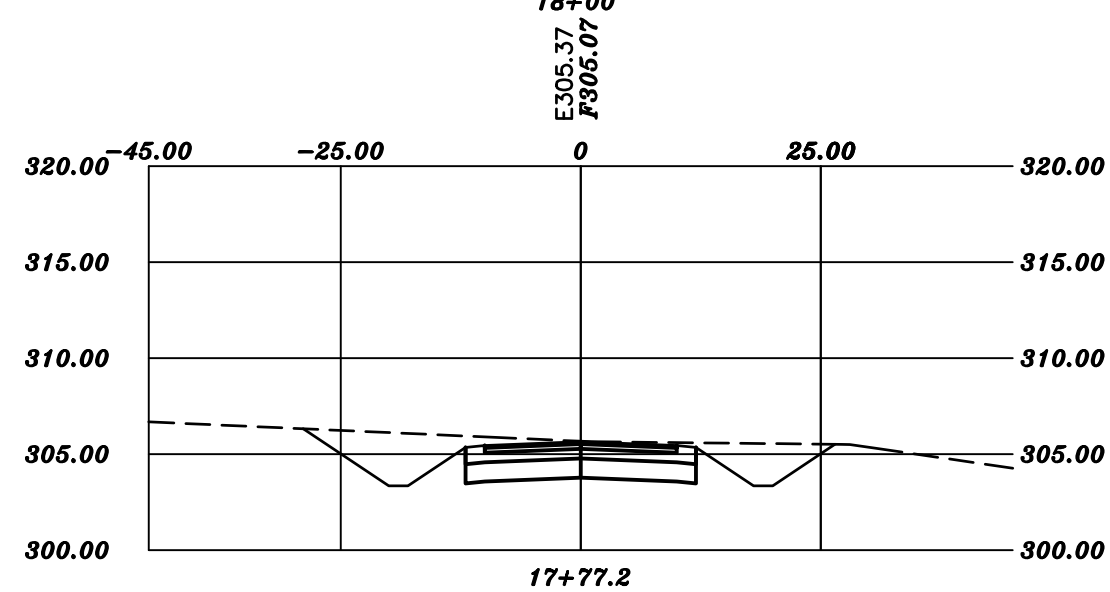
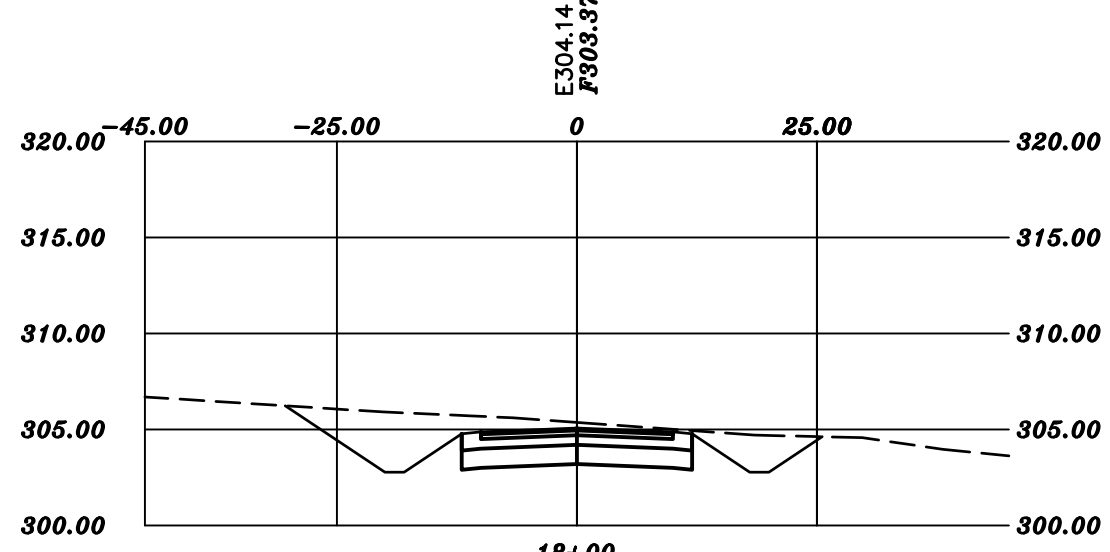
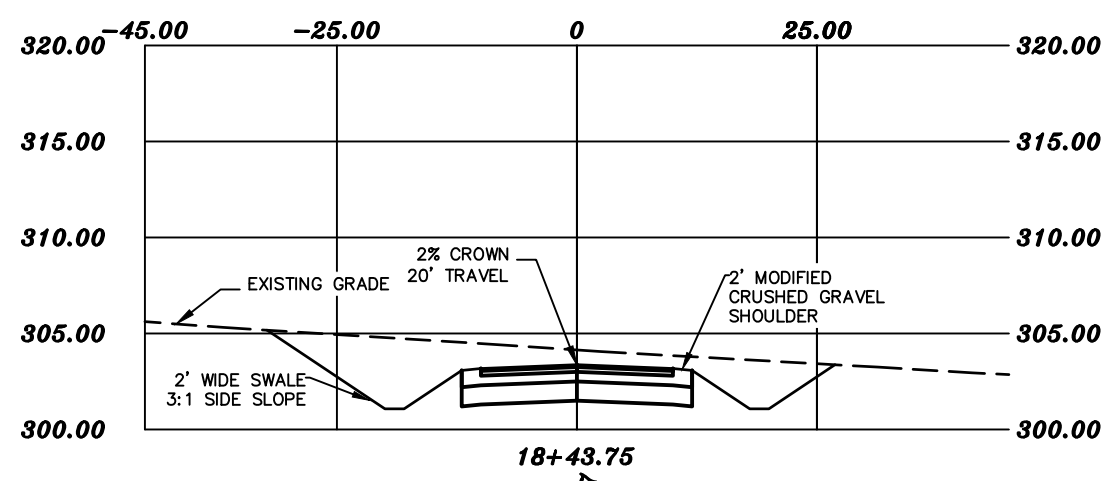
CROSS SECTIONS STONE GREY DRIVE 10+75-16+50  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 SCALE : 1 IN. EQUALS 20 FT.  
 DATE : MARCH 16, 2020  
 FILE NO. : DB 2018 - 125

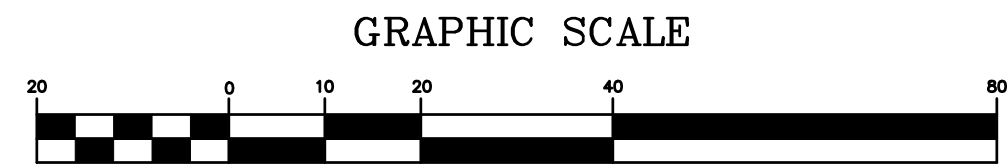
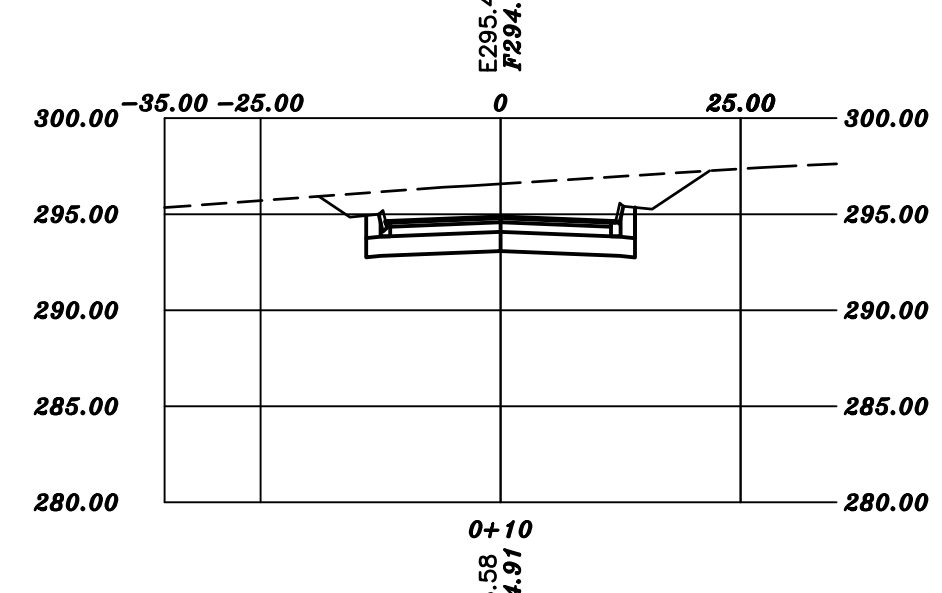
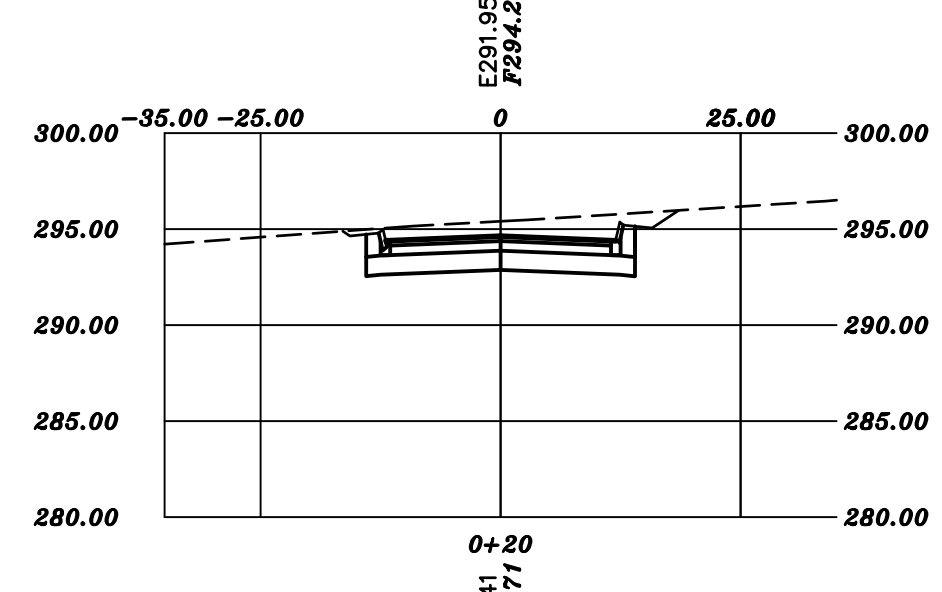
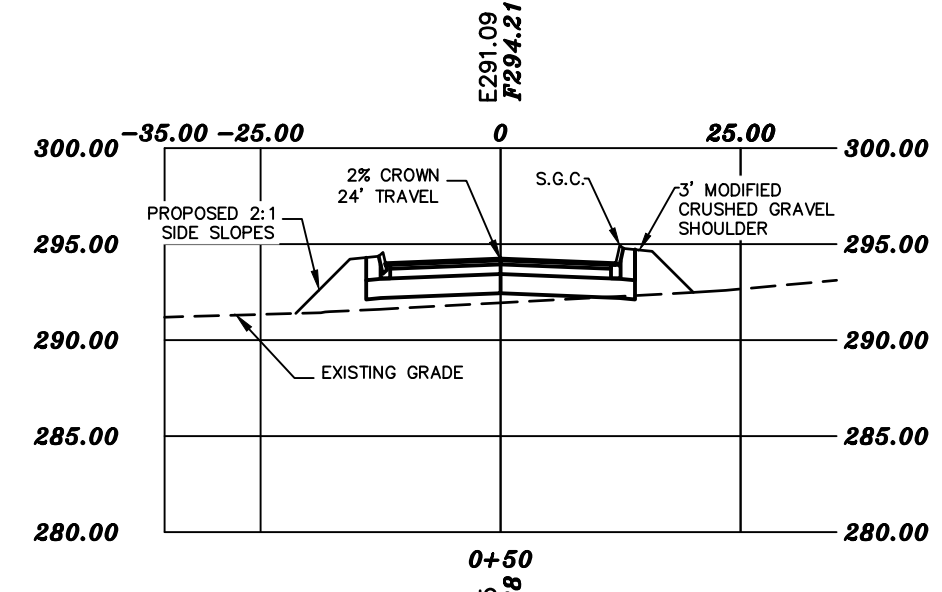
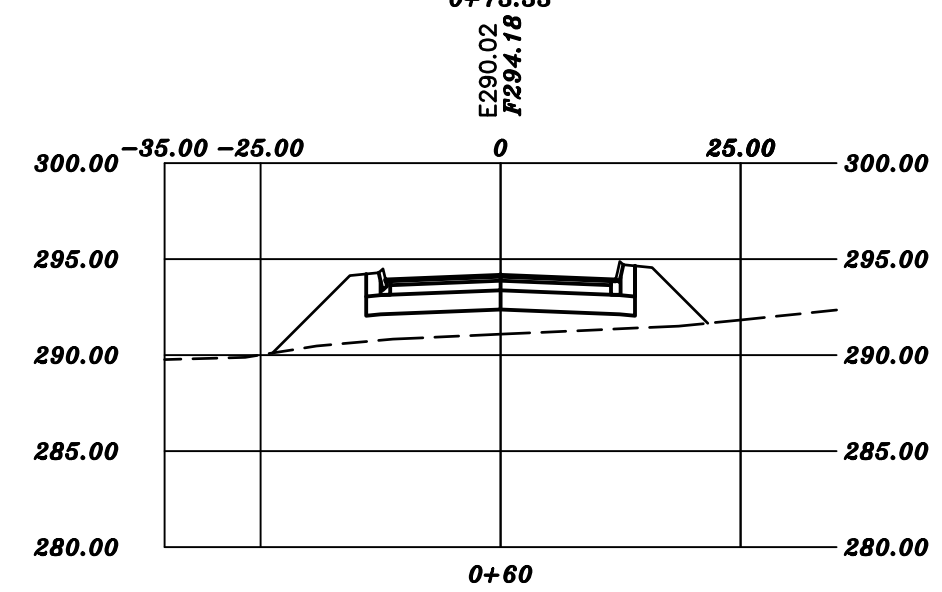
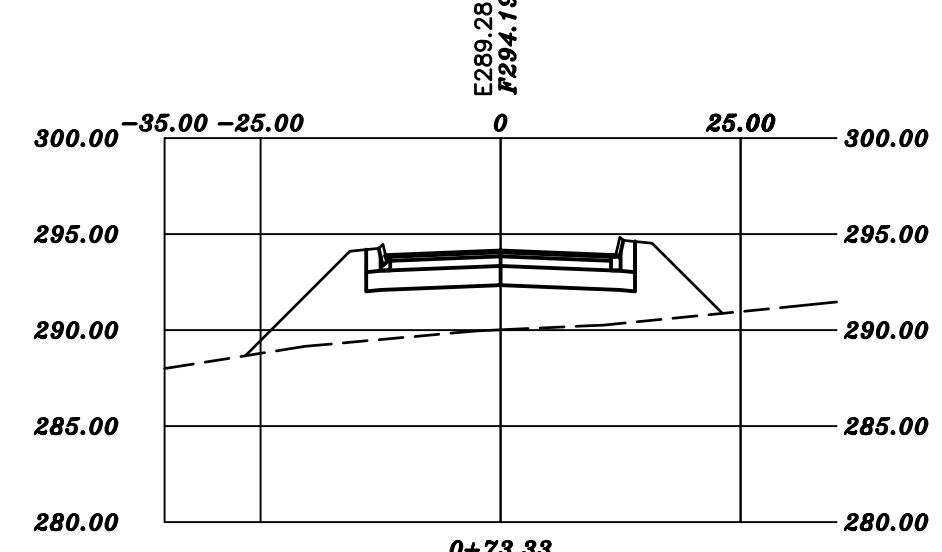
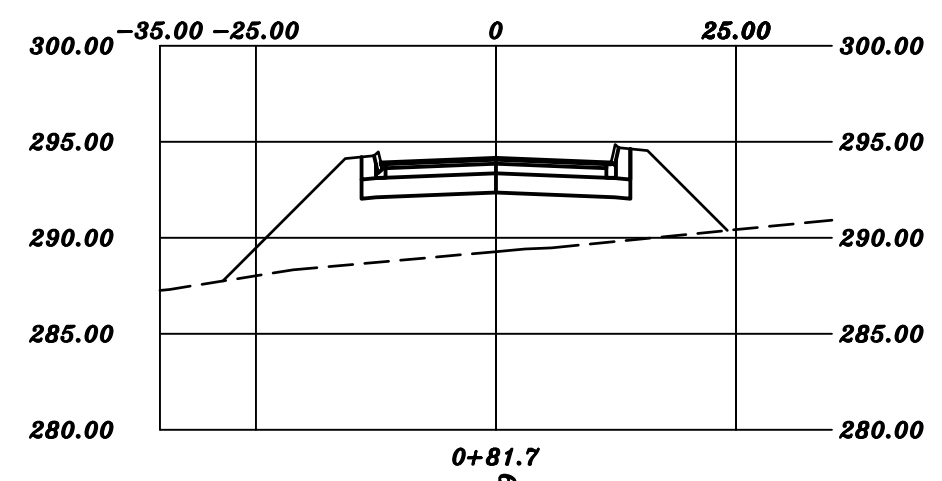




STONE GREY DRIVE



LIPIZZAN DRIVE

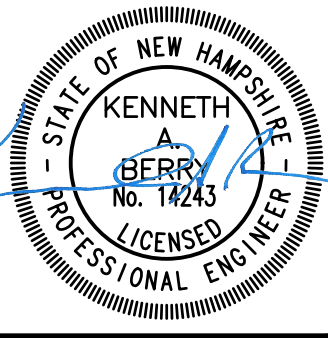


GRAPHIC SCALE  
 ( IN FEET )  
 1 inch = 20 ft.  
 Vertical Scale 10

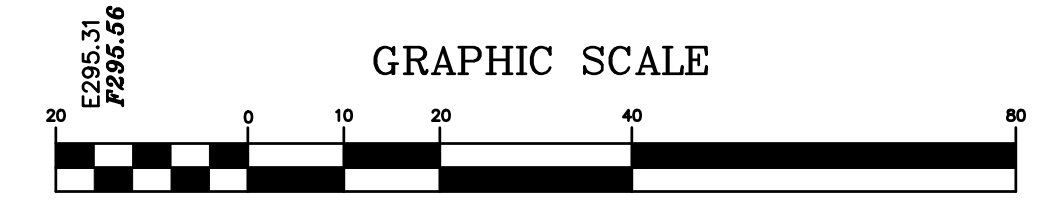
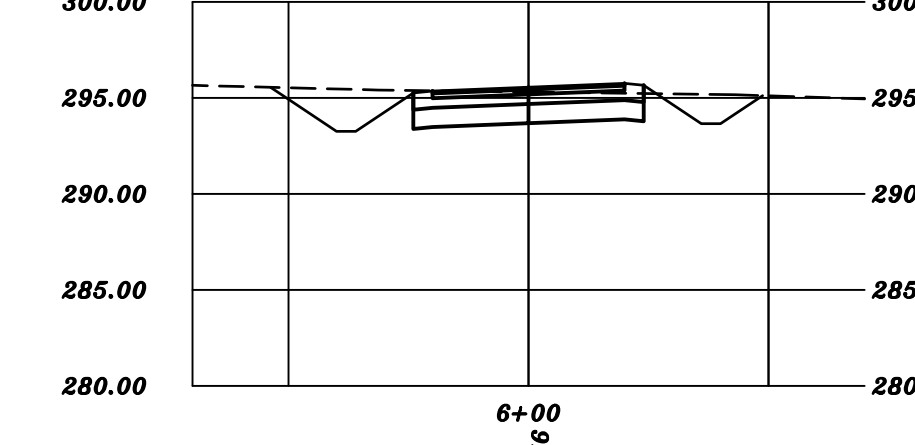
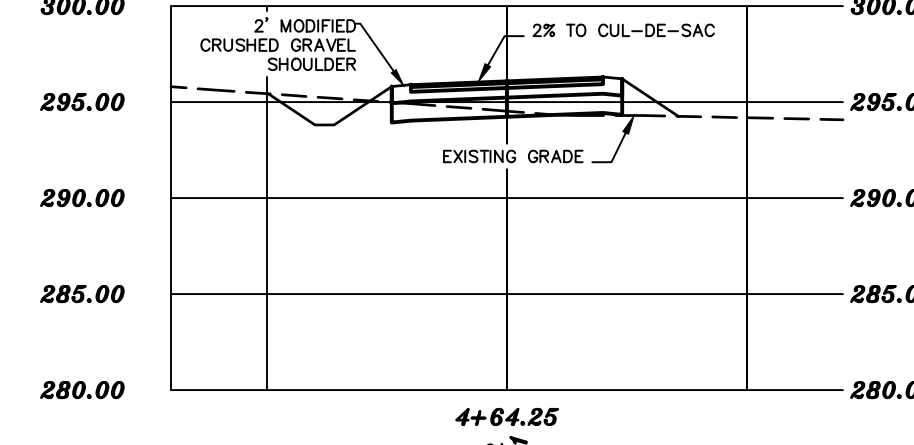
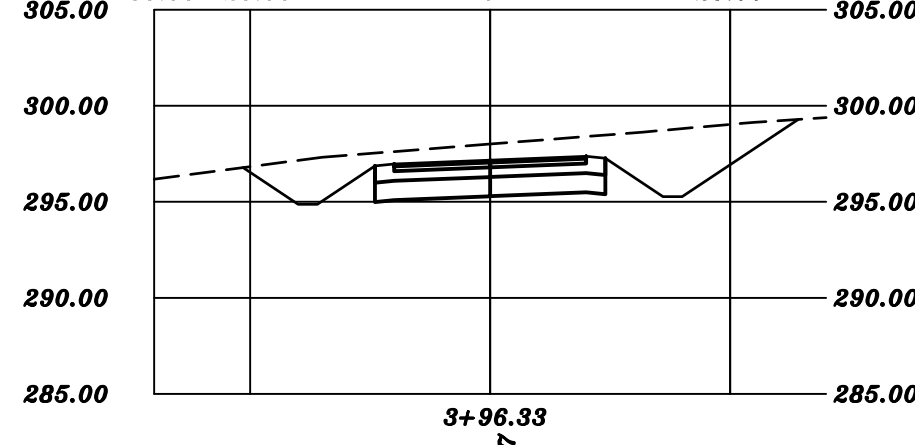
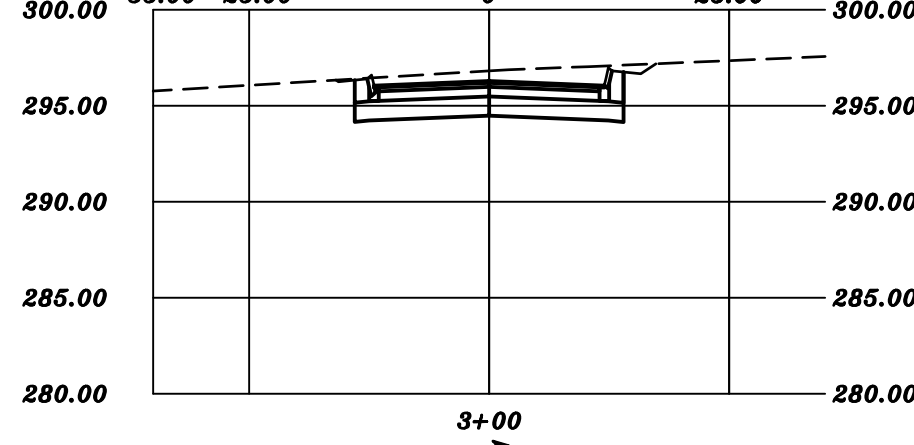
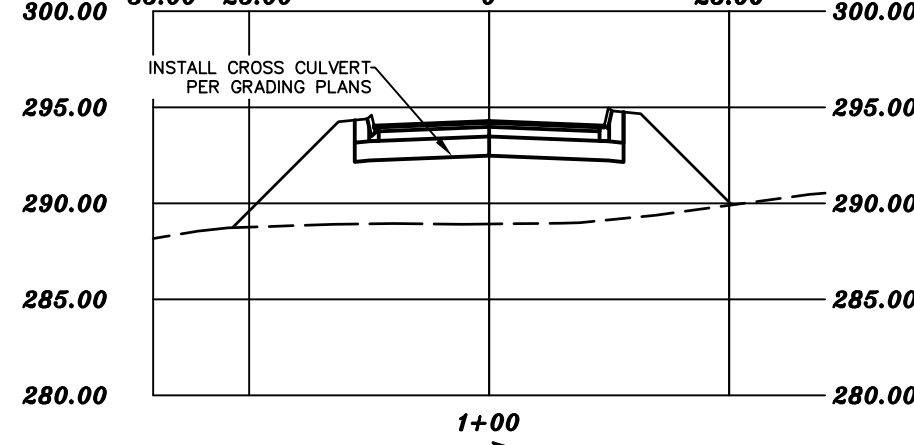
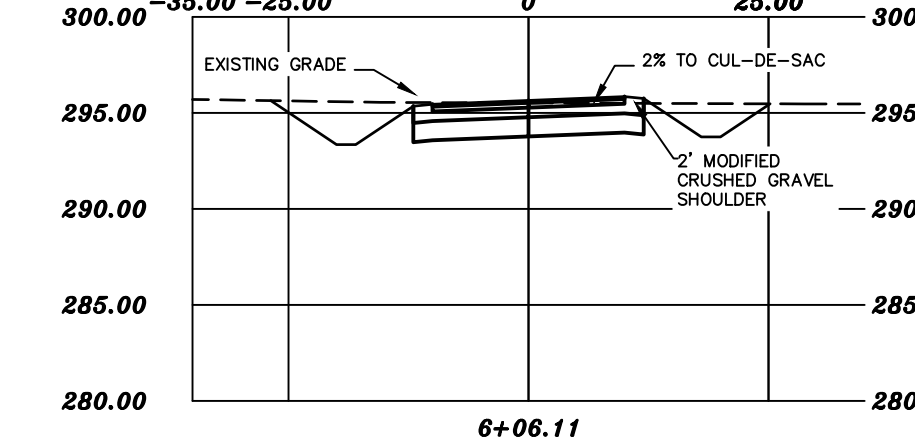
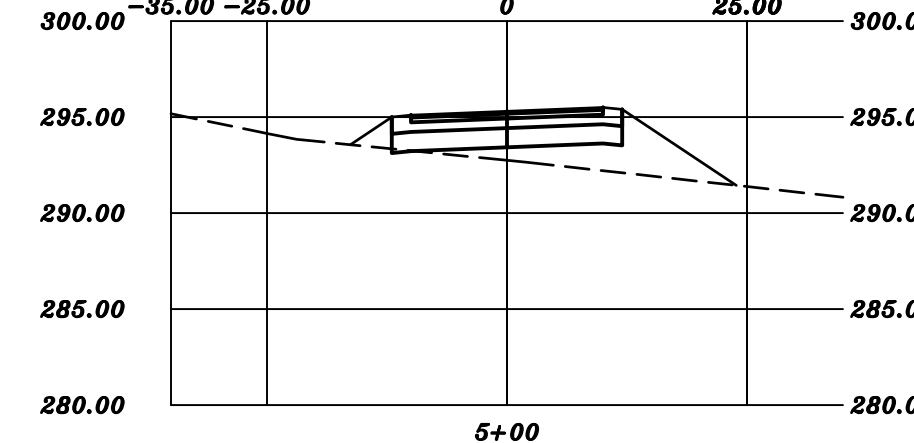
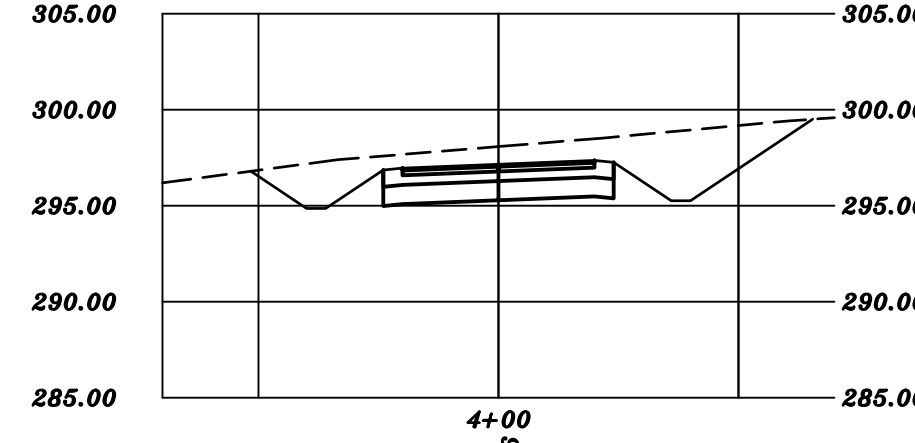
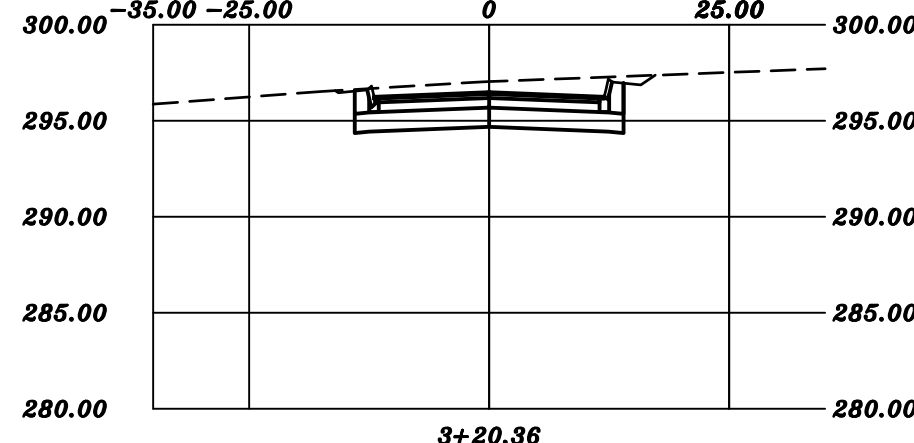
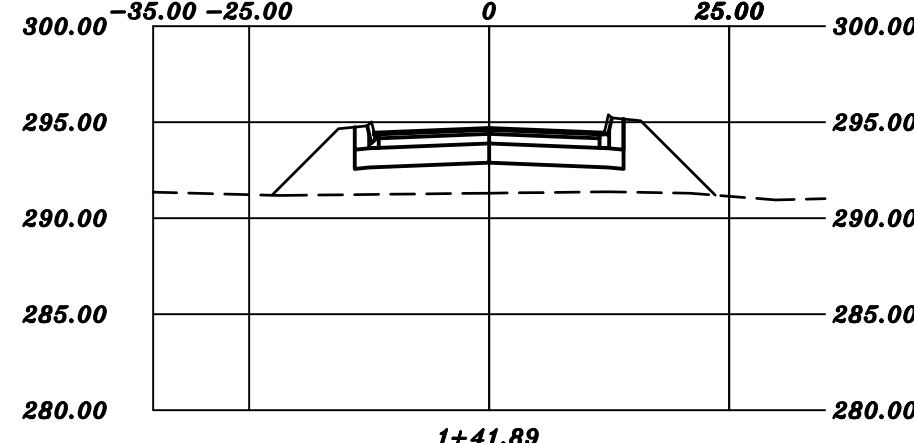
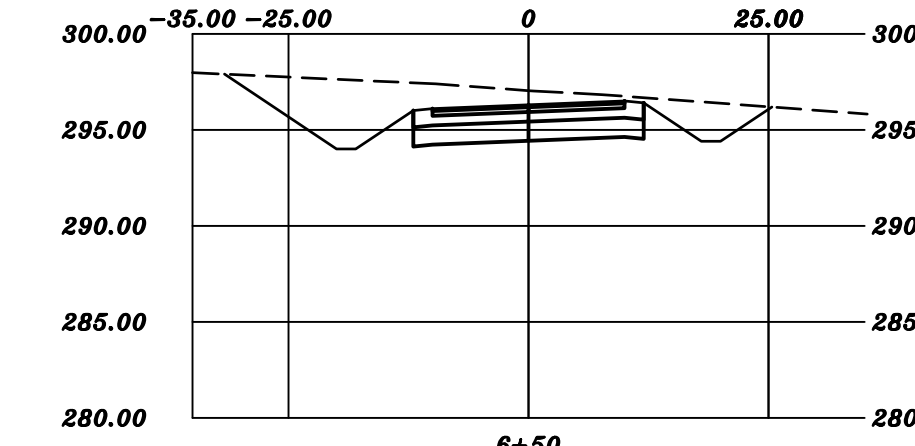
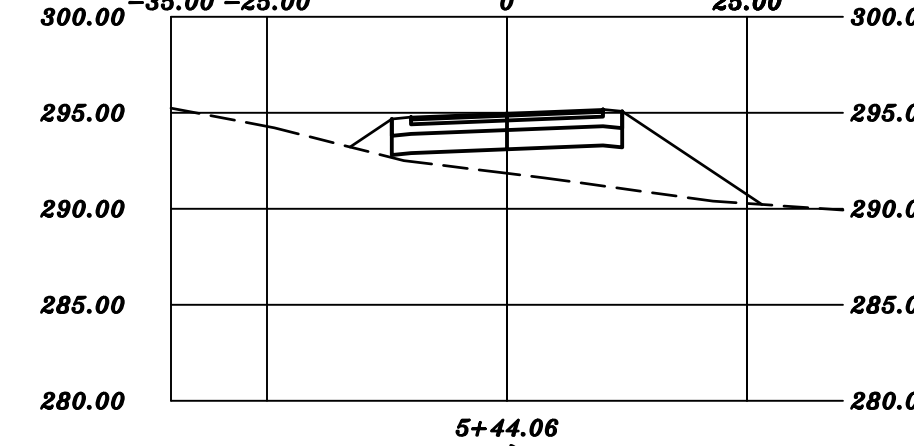
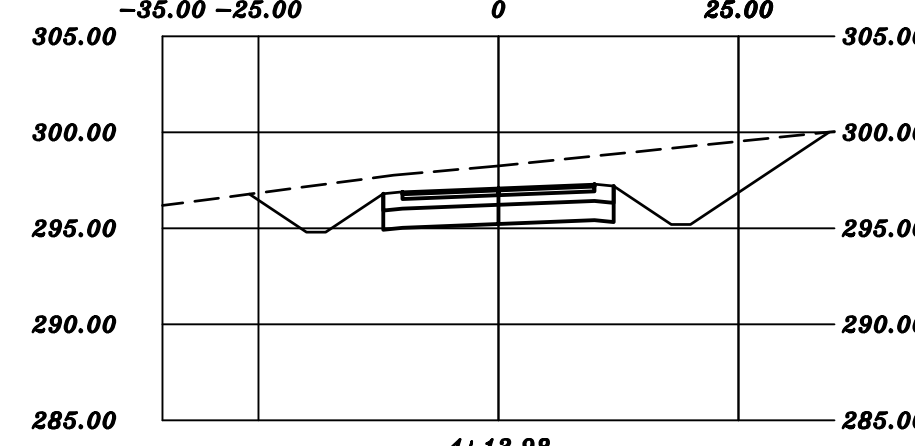
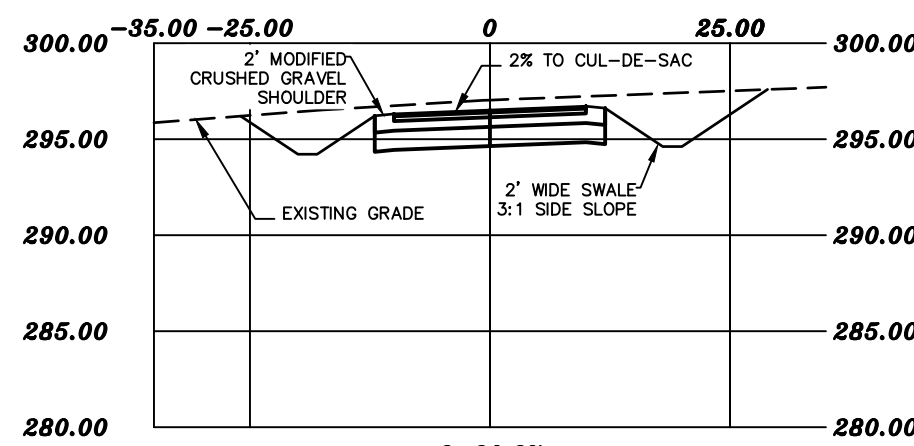
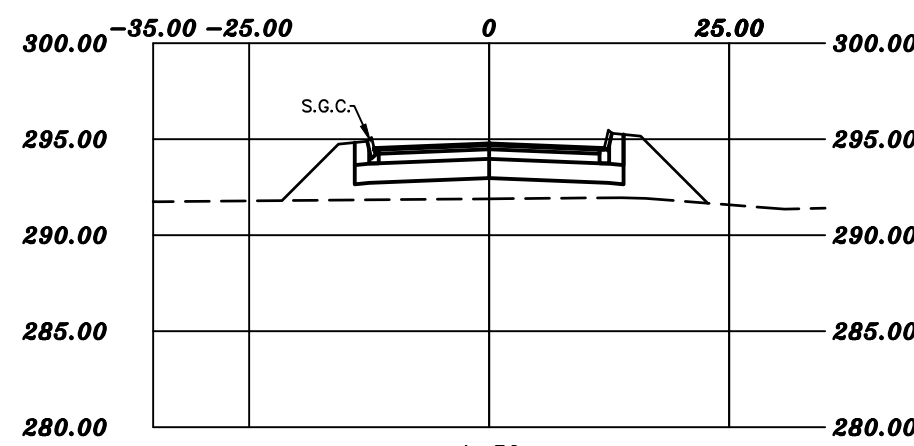
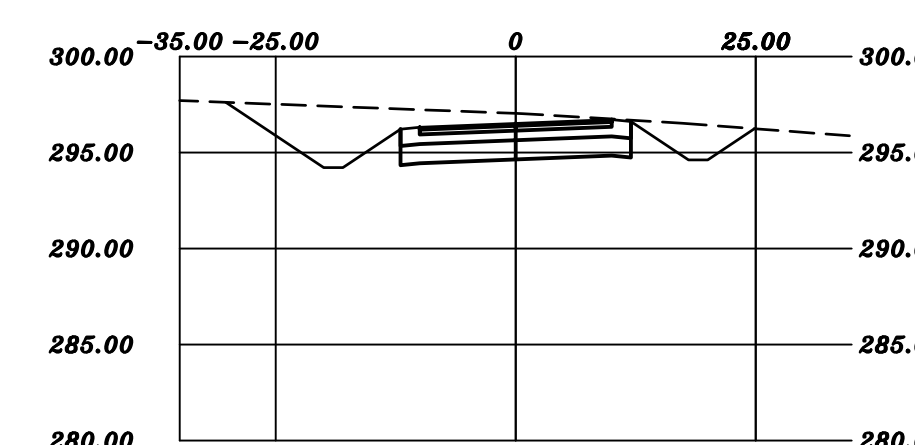
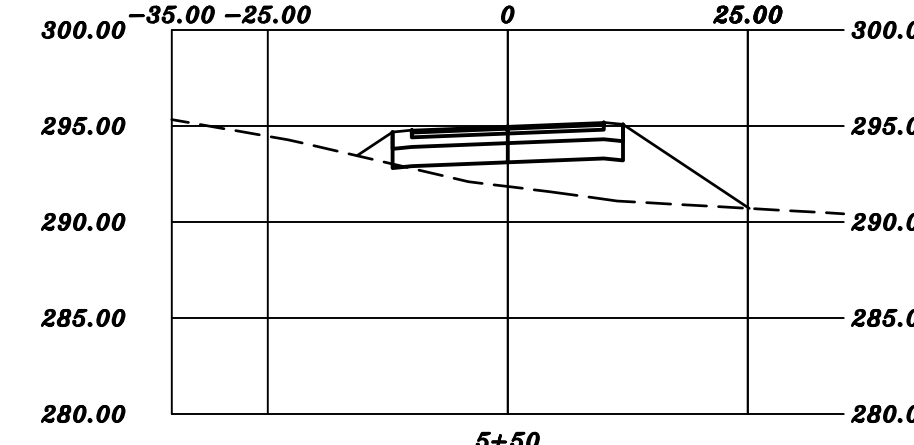
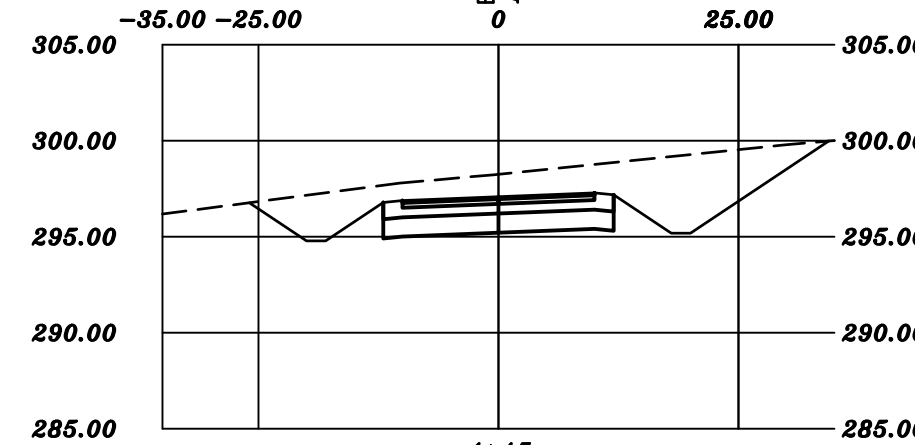
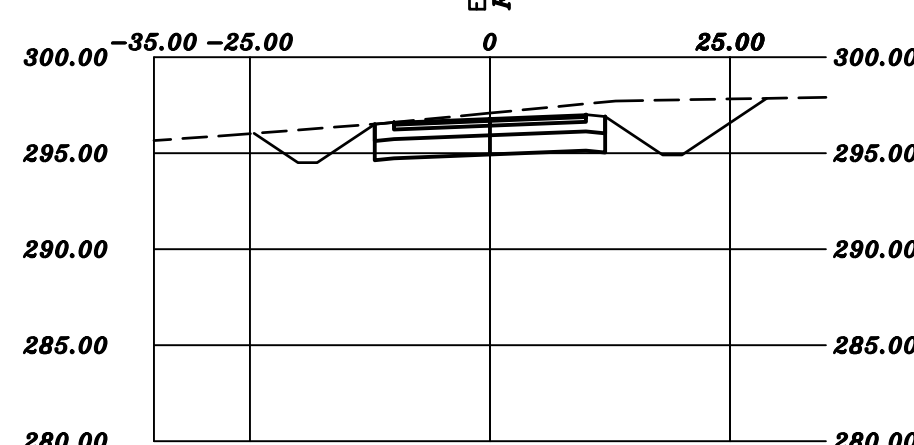
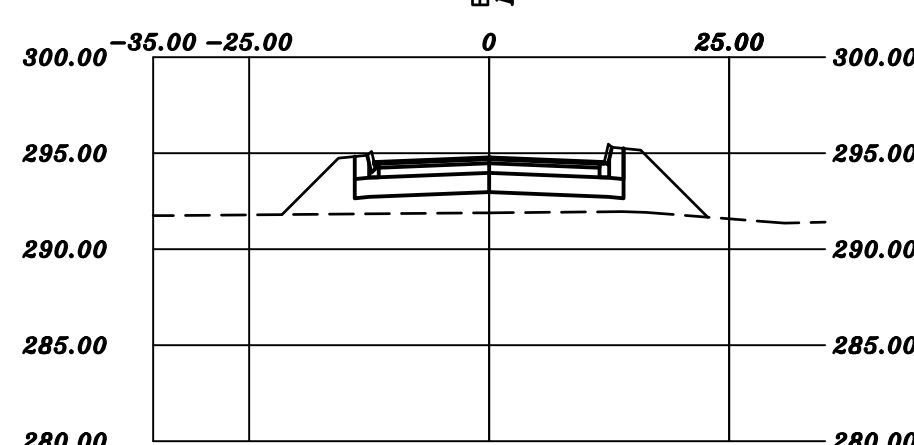
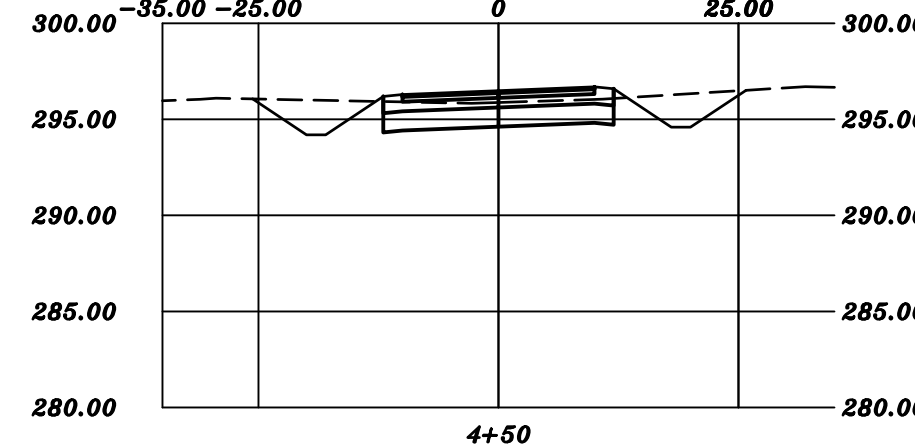
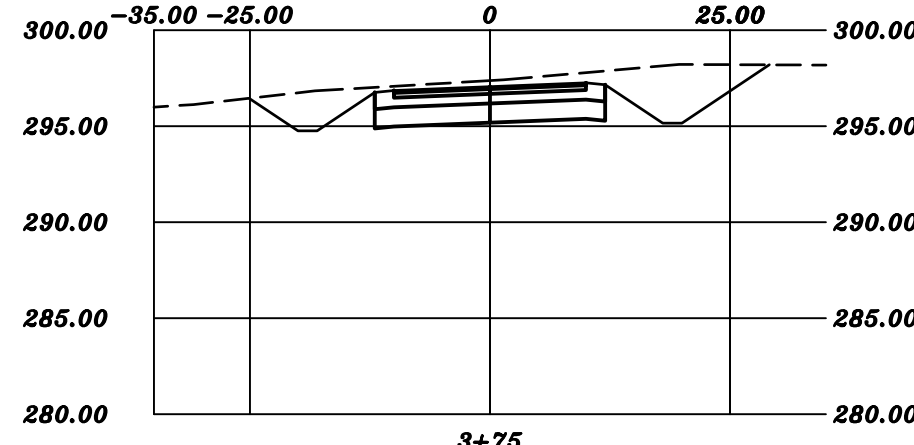
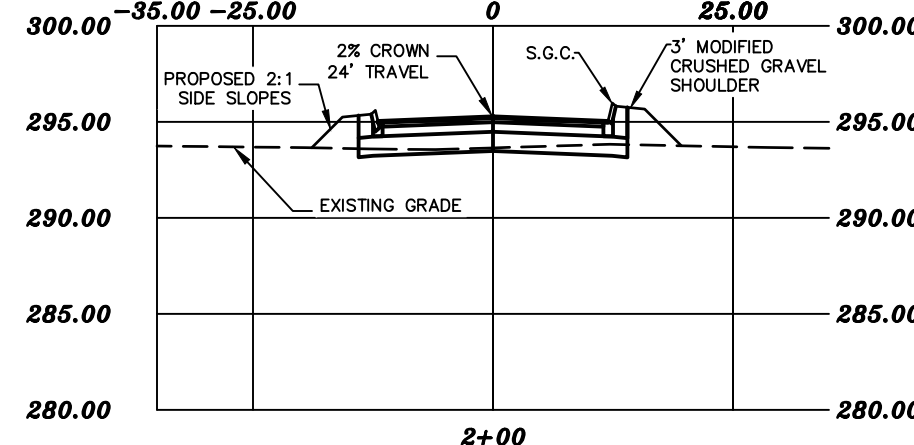
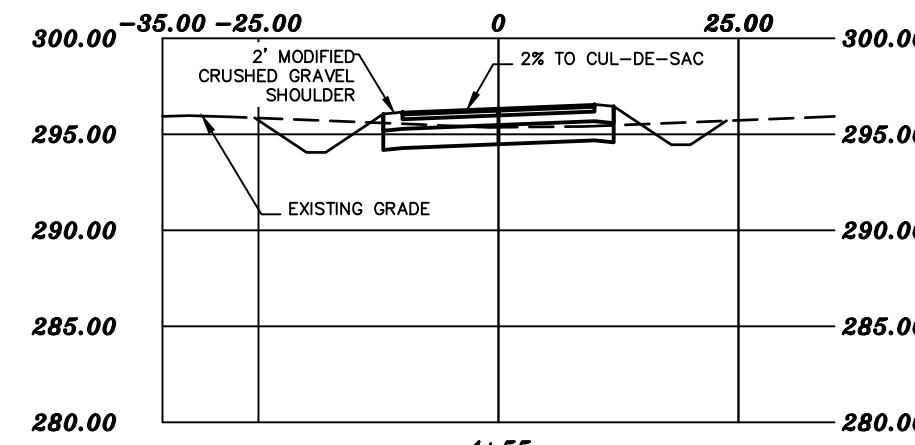
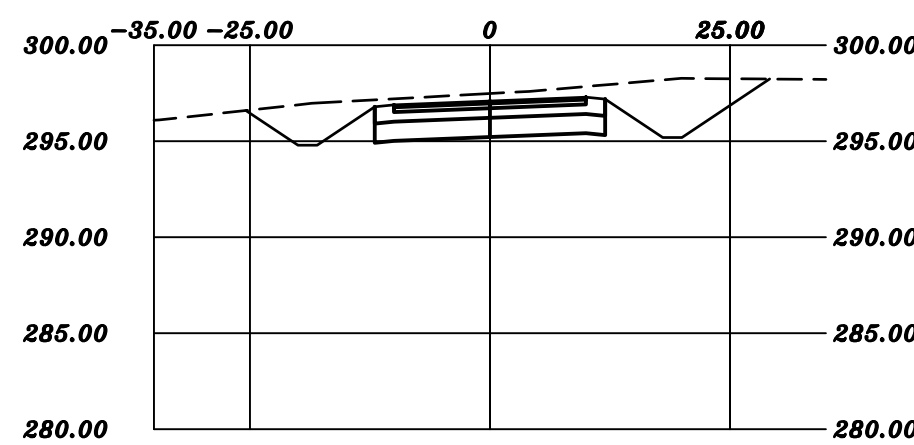
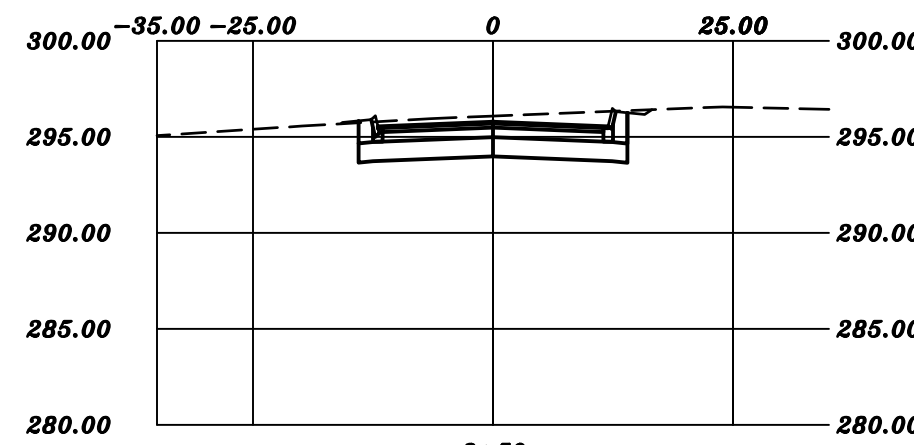
| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

CROSS SECTIONS STONE GREY DRIVE 17+00-END  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 SCALE : 1 IN. EQUALS 20 FT.  
 DATE : MARCH 16, 2020  
 FILE NO. : DB 2018 - 125







| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

CROSS SECTIONS LIPIZZAN DRIVE 1+00-6+63.83  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N

**BERRY SURVEYING & ENGINEERING**  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 SCALE : 1 IN. EQUALS 20 FT.  
 DATE : MARCH 16, 2020  
 FILE NO. : DB 2018 - 125

SHEET 41 OF 49

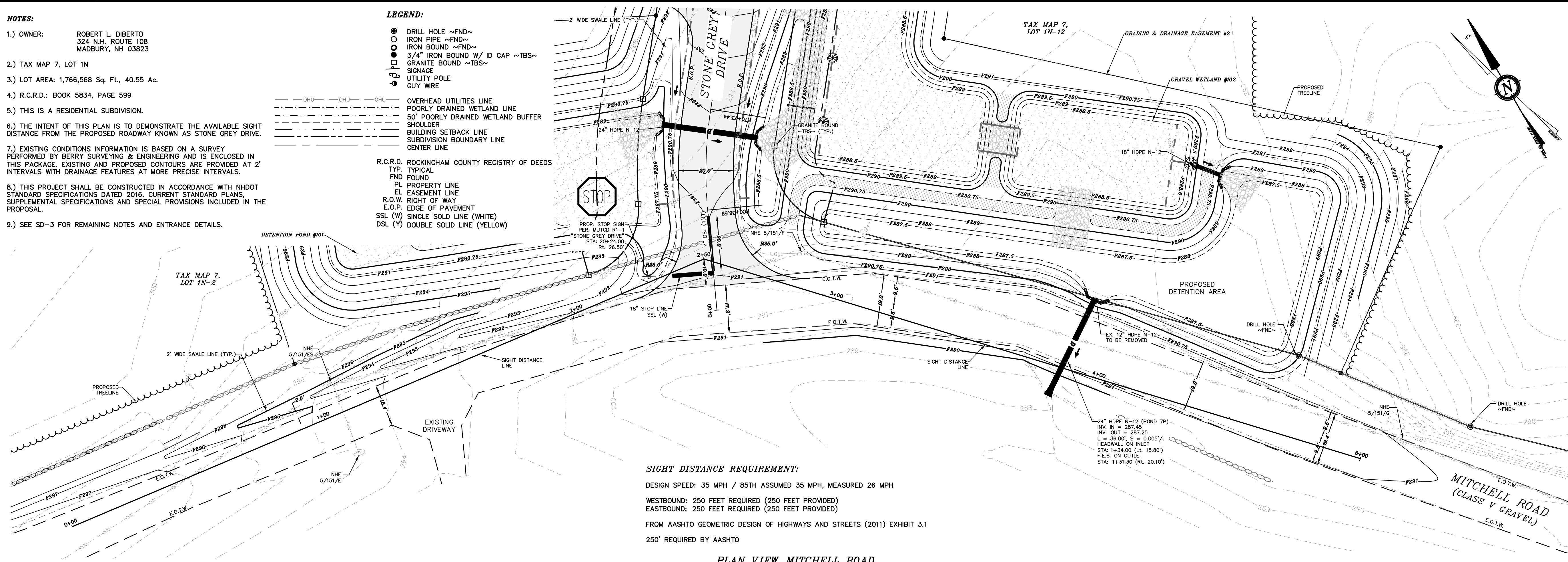


**NOTES:**

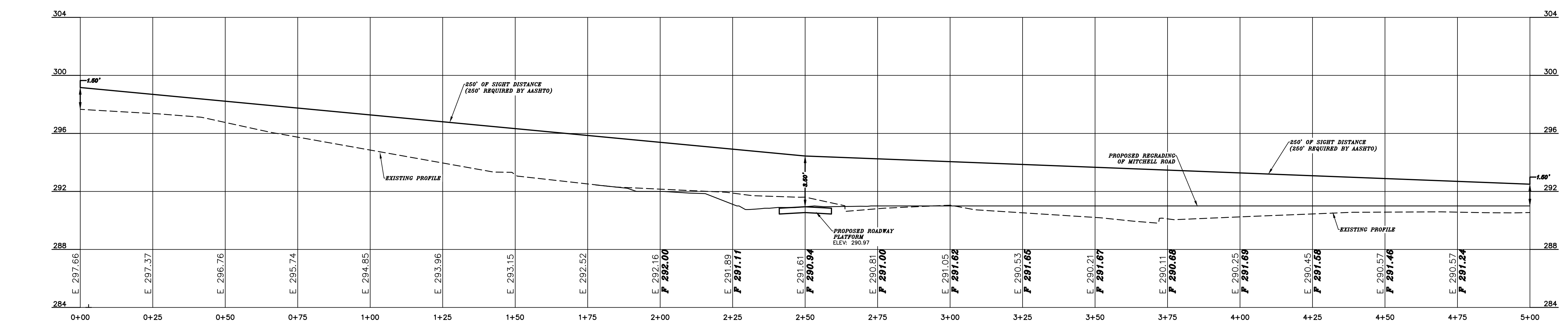
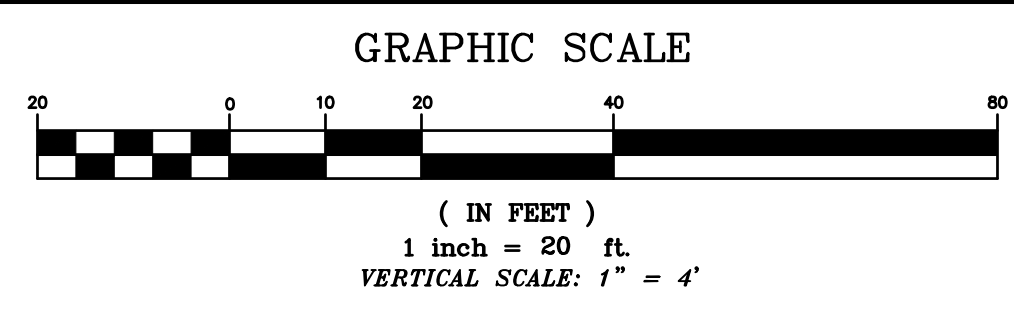
- OWNER: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
- TAX MAP 7, LOT 1N
- LOT AREA: 1,766,568 Sq. Ft., 40.55 Ac.
- R.C.R.D.: BOOK 5834, PAGE 599
- THIS IS A RESIDENTIAL SUBDIVISION.
- THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE AVAILABLE SIGHT DISTANCE FROM THE PROPOSED ROADWAY KNOWN AS STONE GREY DRIVE.
- EXISTING CONDITIONS INFORMATION IS BASED ON A SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING AND IS ENCLOSED IN THIS PACKAGE. EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 2' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.
- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH NHDOT STANDARD SPECIFICATIONS DATED 2016. CURRENT STANDARD PLANS, SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.
- SEE SD-3 FOR REMAINING NOTES AND ENTRANCE DETAILS.

**LEGEND:**

- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND ~FND~
- 3/4" IRON BOUND W/ ID CAP ~TBS~
- GRANITE BOUND ~TBS~
- SIGNAGE
- UTILITY POLE
- GUY WIRE
- OHU — OVERHEAD UTILITIES LINE
- - - PDW - - - POORLY DRAINED WETLAND LINE
- - - PDWB - - - 50' POORLY DRAINED WETLAND BUFFER
- - - SBL - - - SHOULDER
- - - BSL - - - BUILDING SETBACK LINE
- - - SBL - - - SUBDIVISION BOUNDARY LINE
- - - CL - - - CENTER LINE
- R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS
- TYP TYPICAL
- FND FOUND
- PL PROPERTY LINE
- EL EASEMENT LINE
- R.O.W. RIGHT OF WAY
- E.O.P. EDGE OF PAVEMENT
- SSL (W) SINGLE SOLID LINE (WHITE)
- DSL (Y) DOUBLE SOLID LINE (YELLOW)



PLAN VIEW MITCHELL ROAD  
 PROFILE VIEW SIGHT LINE



| #1 | REVISION | DATE | DESCRIPTION                          |
|----|----------|------|--------------------------------------|
|    | 4-29-20  |      | REVISED PER NOTTINGHAM STAFF COMMENT |

SIGHT DISTANCE STONE GREY DRIVE WEST  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N

**BERRY SURVEYING & ENGINEERING**  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 SCALE : 1 IN. EQUALS 20 FT.  
 DATE : MARCH 16, 2020  
 FILE NO. : DB 2018 - 125

**SD-1**

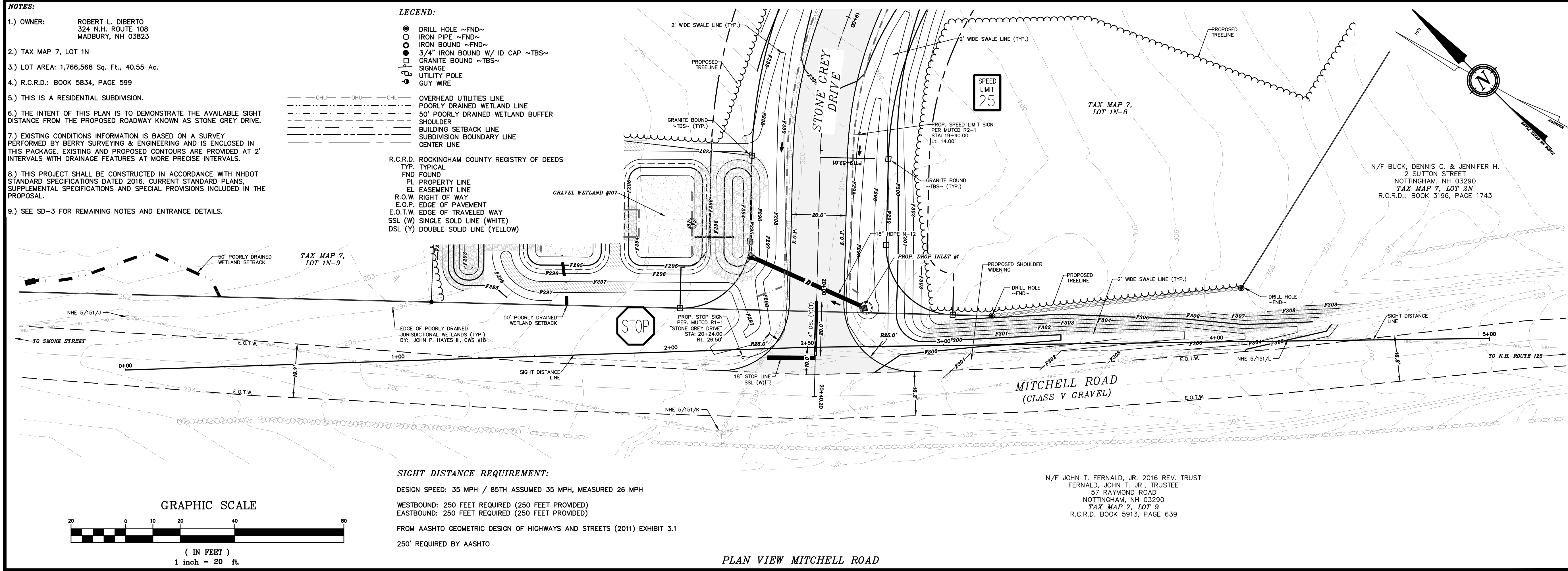


**NOTES:**

- OWNER: ROBERT L. DIBERTO  
324 N.H. ROUTE 108  
MADBURY, NH 03823
- TAX MAP 7, LOT 1N
- LOT AREA: 1,766,568 Sq. Ft., 40.55 Ac.
- R.C.R.D.: BOOK 5834, PAGE 599
- THIS IS A RESIDENTIAL SUBDIVISION.
- THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE AVAILABLE SIGHT DISTANCE FROM THE PROPOSED ROADWAY KNOWN AS STONE GREY DRIVE.
- EXISTING CONDITIONS INFORMATION IS BASED ON A SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING AND IS ENCLOSED IN THIS PACKAGE. EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 2' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.
- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH NHDOT STANDARD SPECIFICATIONS DATED 2016. CURRENT STANDARD PLANS, SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.
- SEE SD-3 FOR REMAINING NOTES AND ENTRANCE DETAILS.

**LEGEND:**

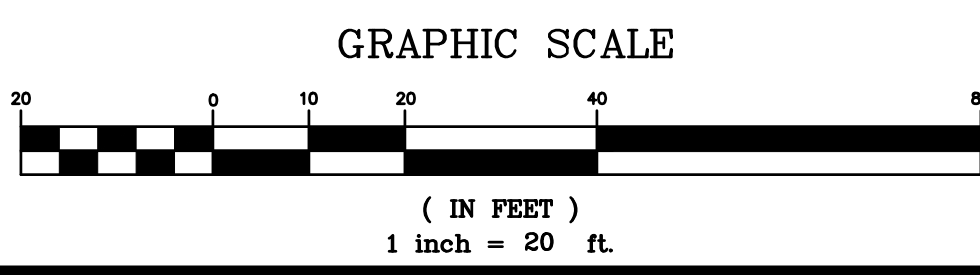
- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND ~FND~
- 3/4" IRON BOUND W/ ID CAP ~TBS~
- GRANITE BOUND ~TBS~
- SIGNAGE
- UTILITY POLE
- GUY WIRE
- OHU — OHU — OHU — OVERHEAD UTILITIES LINE
- POORLY DRAINED WETLAND LINE
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- CENTER LINE
- R.C.R.D.: ROCKINGHAM COUNTY REGISTRY OF DEEDS
- TYP. TYPICAL
- FND FOUND
- PL PROPERTY LINE
- EL EASEMENT LINE
- R.O.W. RIGHT OF WAY
- E.O.P. EDGE OF PAVEMENT
- E.O.T.W. EDGE OF TRAVELED WAY
- SSL (W) SINGLE SOLID LINE (WHITE)
- DSL (Y) DOUBLE SOLID LINE (YELLOW)



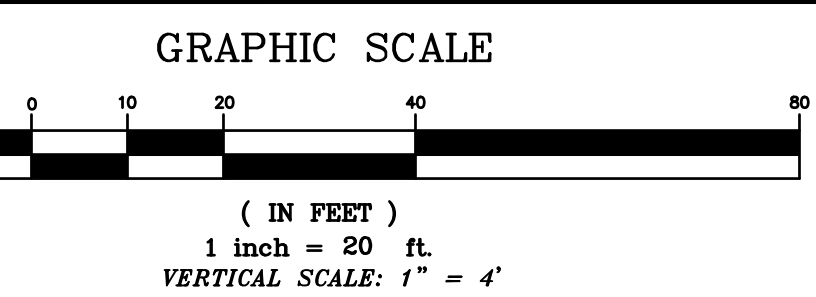
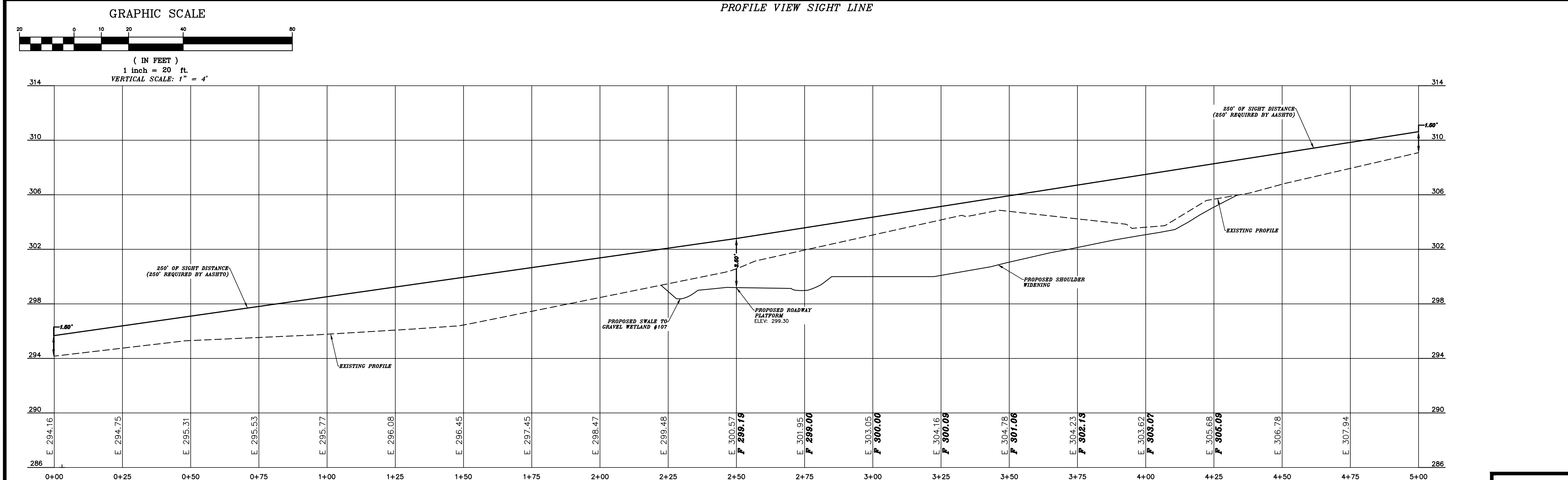
**SIGHT DISTANCE REQUIREMENT:**

DESIGN SPEED: 35 MPH / 85TH ASSUMED 35 MPH, MEASURED 26 MPH  
 WESTBOUND: 250 FEET REQUIRED (250 FEET PROVIDED)  
 EASTBOUND: 250 FEET REQUIRED (250 FEET PROVIDED)  
 FROM AASHTO GEOMETRIC DESIGN OF HIGHWAYS AND STREETS (2011) EXHIBIT 3.1  
 250' REQUIRED BY AASHTO

N/F JOHN T. FERNALD, JR. 2016 REV. TRUST  
 FERNALD, JOHN T., JR., TRUSTEE  
 57 RAYMOND ROAD  
 NOTTINGHAM, NH 03290  
 TAX MAP 7, LOT 9  
 R.C.R.D. BOOK 5913, PAGE 639



PLAN VIEW MITCHELL ROAD  
 PROFILE VIEW SIGHT LINE



SD-2

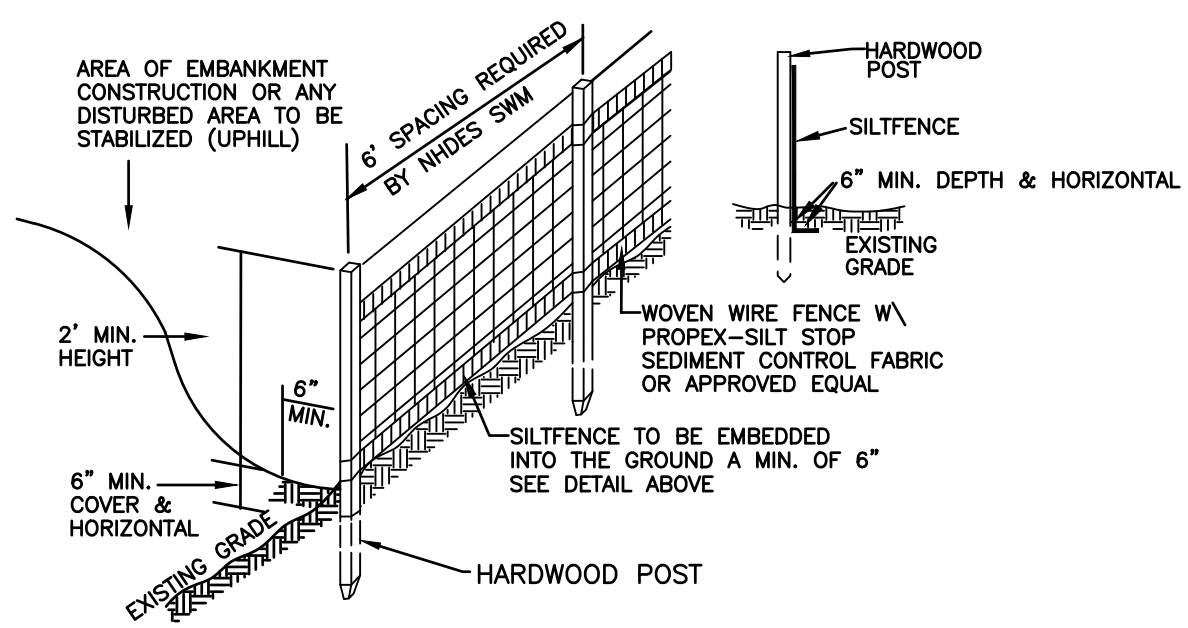
| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

SIGHT DISTANCE STONE GREY DRIVE EXIT  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 SCALE: 1 IN. EQUALS 20 FT.  
 DATE: MARCH 16, 2020  
 FILE NO.: DB 2018 - 125



E1

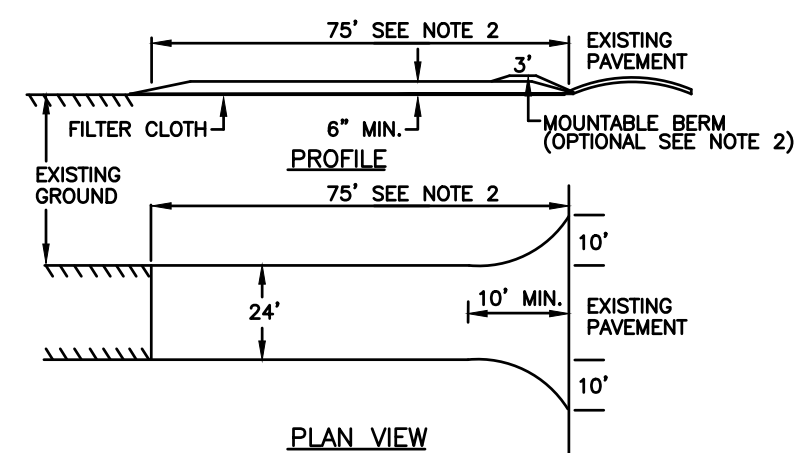


**SILT FENCE CONSTRUCTION SPECIFICATIONS**

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES AND FILTER CLOTH SHALL BE FASTENED TO WOVEN WIRE EVERY 24" AT TOP MID AND BOTTOM SECTIONS AND BE EMBEDDED INTO GROUND A MINIMUM OF 8" THE FENCE POSTS SHALL BE A MINIMUM 48" LONG, SPACED A MAXIMUM 6' APART, AND DRIVEN A MINIMUM OF 16" INTO THE GROUND.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THE ENDS OF THE FABRIC SHALL BE OVERLAPPED BY SIX INCHES, FOLDED AND STAPLED TO PREVENT SEDIMENT FROM BY-PASSING.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE AND PROPERLY DISPOSED OF. SEE MAINTENANCE NOTE BELOW, REMOVAL OF SEDIMENT REQUIRED AT A DEPTH OF 6-INCHES.
- PLACE THE ENDS OF THE SILT FENCE UP CONTOUR TO PROVIDE FOR SEDIMENT STORAGE.
- SILT FENCES SHALL BE REMOVED WHEN NO LONGER NEEDED AND THE SEDIMENT COLLECTED SHALL BE DISPOSED AS DIRECTED BY THE ENGINEER.
- THE AREA DISTURBED BY THE REMOVAL SHALL BE SMOOTHED AND RE-VEGETATED.
- TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, SILT FENCE, PAGE 90.

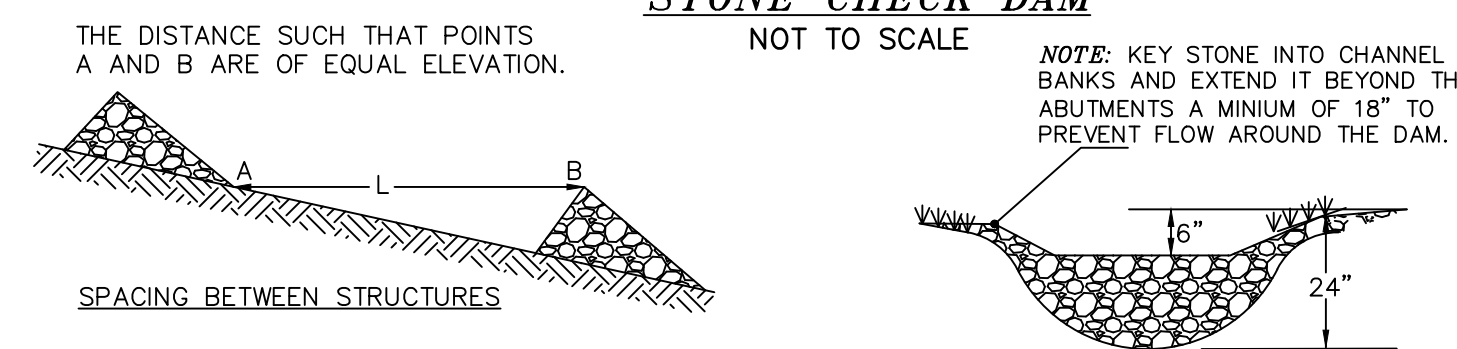
**SILT FENCE DETAIL**  
NOT TO SCALE

**E5 STABILIZED CONSTRUCTION ENTRANCE**  
NOT TO SCALE

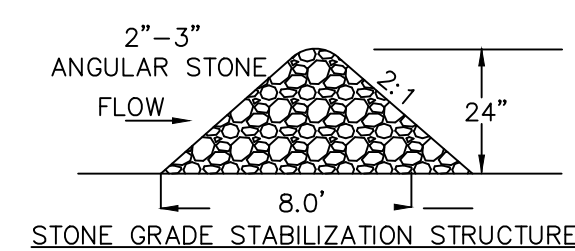


- STONE FOR A STABILIZED CONSTRUCTION ENTRANCE SHALL BE 3 INCH STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
- THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 75 FEET, EXCEPT THAT THE MINIMUM LENGTH MAY BE REDUCED TO 50 FEET IF A 3-INCH TO 6-INCH BERM IS INSTALLED AT THE ENTRANCE OF THE PROJECT SITE.
- THE THICKNESS OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6 INCHES.
- THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN THE FULL WIDTH OF THE ENTRANCE WHERE INGRESS OR EGRESS OCCURS OR 10 FEET, WHICHEVER IS GREATER.
- GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE.
- ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED PROMPTLY.
- TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, TEMPORARY CONSTRUCTION EXIT, PAGE 124.

**STONE CHECK DAM**  
NOT TO SCALE

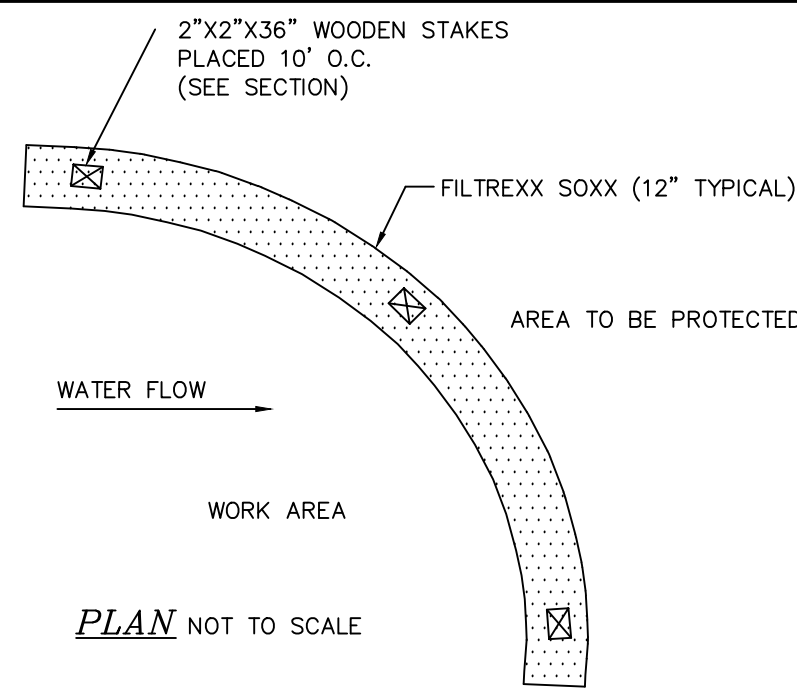


- CHECK DAMS SHOULD BE INSTALLED BEFORE RUNOFF IS DIRECTED TO THE SWALE OR DRAINAGE DITCH.
- THE MAXIMUM CONTRIBUTING DRAINAGE AREA TO THE DAM SHOULD BE LESS THAN ONE ACRE.
- THE MAXIMUM HEIGHT OF THE DAM SHOULD BE TWO FEET.
- THE CENTER OF THE DAM SHOULD BE AT LEAST SIX INCHES LOWER THAN THE OUTER EDGES.
- THE MAXIMUM SPACING IS AS SHOWN ON THE PROJECT SITE PLANS.
- CHECK DAMS WILL NOT BE USED IN A FLOWING STREAM.
- TEMPORARY CHECK DAMS WILL BE REMOVED ONCE THE SWALE OR DITCH IS DETERMINED STABLE.
- TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, TEMPORARY CHECK DAMS, PAGE 114.



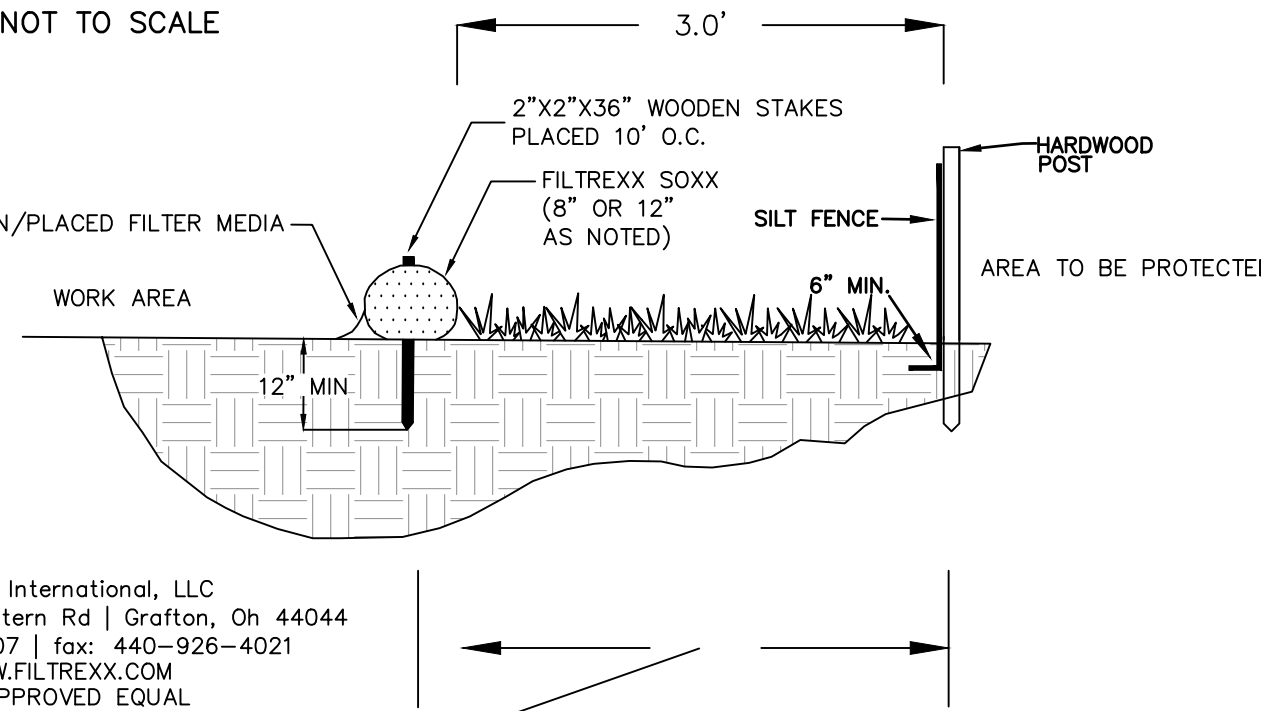
E9

E10



- NOTES**
- ALL MATERIAL TO MEET FILTREXX SPECIFICATIONS.
  - FILTER MEDIA FILL TO MEET APPLICATION REQUIREMENTS.
  - COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.
  - SILT/STOXX MAY BE USED IN PLACE OF SILT FENCE OR OTHER SEDIMENT BARRIERS.
  - SILT/STOXX COMPOST/SOIL/ROCK/SEED FILL MATERIAL SHALL BE ADJUSTED AS NECESSARY TO MEET THE REQUIREMENTS OF THE SPECIFIC APPLICATION.
  - FILTREXX SOXX IS A REGISTERED TRADEMARK OF FILTREXX INTERNATIONAL, LLC.
  - SILT FENCE IS NOT A SUBSTITUTION FOR SILT SOXX AND ANY EQUAL SUBSTITUTION TO BE APPROVED.
  - TO BE CONSTRUCTED IAW FILTREXX, SECTION 1: EROSION & SEDIMENT CONTROL (PAGE 323) - CONSTRUCTION ACTIVITIES, SWPPP CUT SHEET: FILTREXX SEDIMENT CONTROL.

**FILTREXX SEDIMENT CONTROL**  
NOT TO SCALE



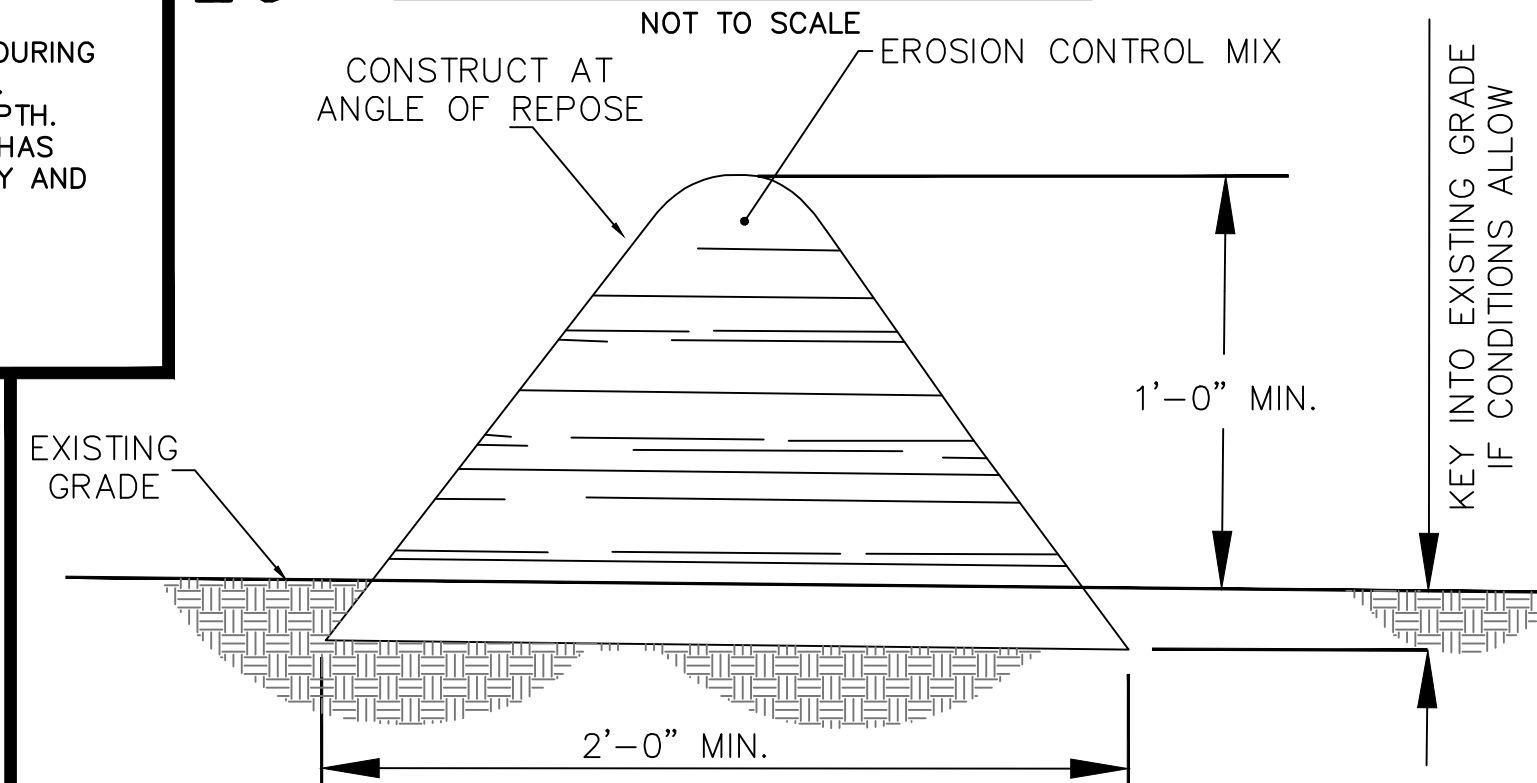
Filtrexx International, LLC  
35481 Grafton Eastern Rd | Grafton, Oh 44044  
440-926-2607 | fax: 440-926-4021  
WWW.FILTREXX.COM  
OR APPROVED EQUAL

NOTE: FOR AREAS REQUIRING DOUBLE PERIMETER CONTROL WITHIN 50' OF JURISDICTIONAL WETLANDS AND NOT FOR ALL SILT SOXX APPLICATIONS. THIS DUPLICATION MAY BE SPECIFIED AS 12" SILT SOXX OR ORANGE CONSTRUCTION FENCE AS NOTED.

**SECTION** NOT TO SCALE

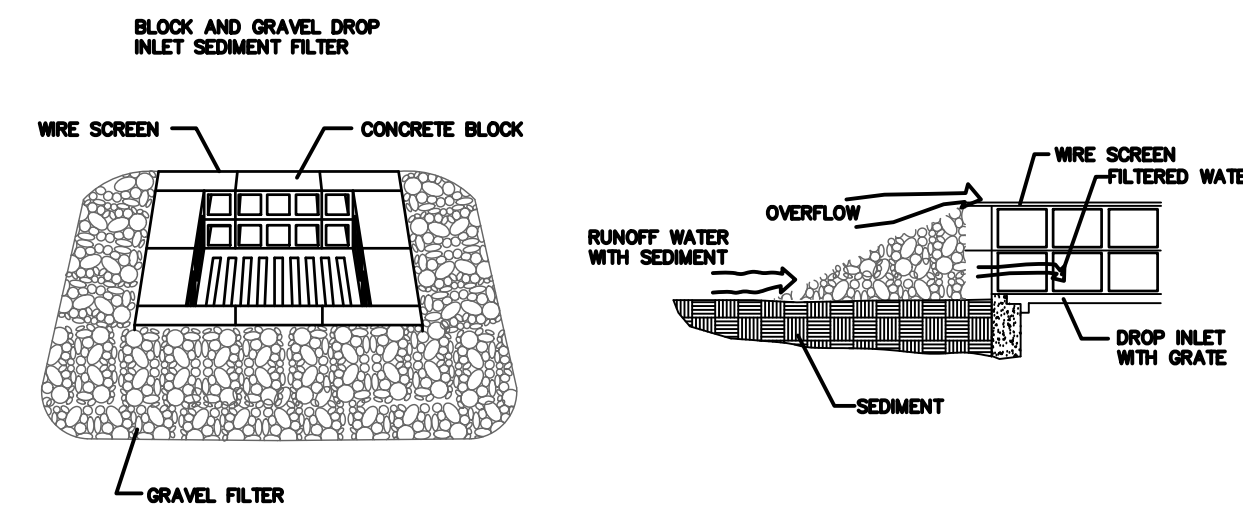
E6

**EROSION CONTROL MIX BERM**  
NOT TO SCALE



- EROSION CONTROL MIX BERMS SHALL BE USED ONLY AS FOLLOWS:
- BERMS SHALL BE USED IN AREAS WHERE EROSION WILL OCCUR ONLY IN THE FORM OF SHEET EROSION AND THERE IS NO CONCENTRATION OF WATER IN A CHANNEL OR DRAINAGE WAY ABOVE THE BERM.
  - THE BERMS SHALL BE INSTALLED FOLLOWING THE CONTOUR OF THE LAND AS CLOSELY AS POSSIBLE.
  - THE BERMS SHALL BE INSTALLED ON SLOPES LESS THAN 5%.
  - SUBJECT TO (E), BELOW, THE MIX SHALL HAVE AN ORGANIC PORTION BETWEEN 80 AND 100% DRY WEIGHT BASIS, AND BE FIBROUS AND ELONGATED SUCH AS FROM SHREDDED BARK, STUMP GRINDINGS, COMPOSTED BARK, OR EQUIVALENT MANUFACTURED PRODUCTS, WOOD AND BARK CHIPS, GROUND CONSTRUCTION DEBRIS, OR REPROCESSED WOOD PRODUCTS SHALL NOT BE USED AS ORGANIC MATERIAL.
  - THE MIX SHALL NOT CONTAIN SILTS, CLAY, OR FINE SANDS.
  - THE MIX SHALL HAVE A PARTICLE SIZE BY WEIGHT OF 70 TO 85% PASSING A 6-INCH SCREEN AND A MAXIMUM OF 85% PASSING THE 0.75-INCH SCREEN.
  - THE MIX PH SHALL BE BETWEEN 5.0 AND 8.0.
  - THE BERM SHALL BE AT LEAST 12 INCHES HIGH AND AT LEAST 2 FEET WIDE.
  - TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, EROSION CONTROL MIX BERMS, PAGE 106.

E7



**MAINTENANCE**

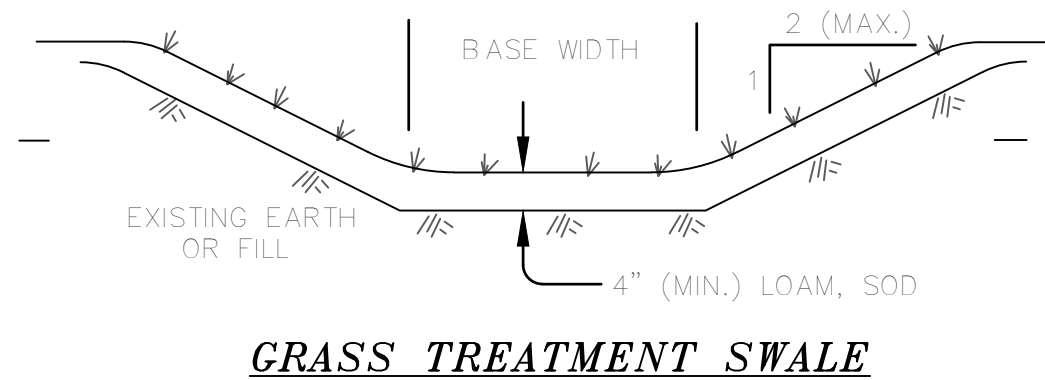
ALL STRUCTURES SHOULD BE INSPECTED AFTER EVERY RAIN STORM AND REPAIRS MADE AS NECESSARY. SEDIMENT SHOULD BE REMOVED FROM TRAPPING DEVICES AFTER THE SEDIMENT HAS REACHED A MAXIMUM OF ONE HALF THE DEPTH OF THE TRAP. THE SEDIMENT SHOULD BE DISPOSED OF IN A SUITABLE AREA AND PROTECTED FROM EROSION BY EITHER STRUCTURE OR VEGETATIVE MEANS. THE TEMPORARY TRAPS SHOULD BE REMOVED AND THE AREA REPAIRED AS SOON AS THE CONTRIBUTING DRAINAGE AREA TO THE INLET HAS BEEN COMPLETELY STABILIZED.

**BLOCK & GRAVEL DROP INLET SEDIMENT FILTER**  
NOT TO SCALE

TO BE USED IN ALL AREAS WHERE THERE WILL BE NO TRAFFIC.

TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, TEMPORARY STORM DRAIN INLET PROTECTION, PAGE 118.

E3



**GRASS TREATMENT SWALE**  
NOT TO SCALE

INSPECT ANNUALLY FOR EROSION, SEDIMENT ACCUMULATIONS, VEGETATION LOSS, & INVASIVE SPECIES. REPAIR AS NECESSARY.

MOW GRASS ANNUALLY TO A DEPTH OF 4".

INSTALL STABILIZATION MATTING DURING CONSTRUCTION

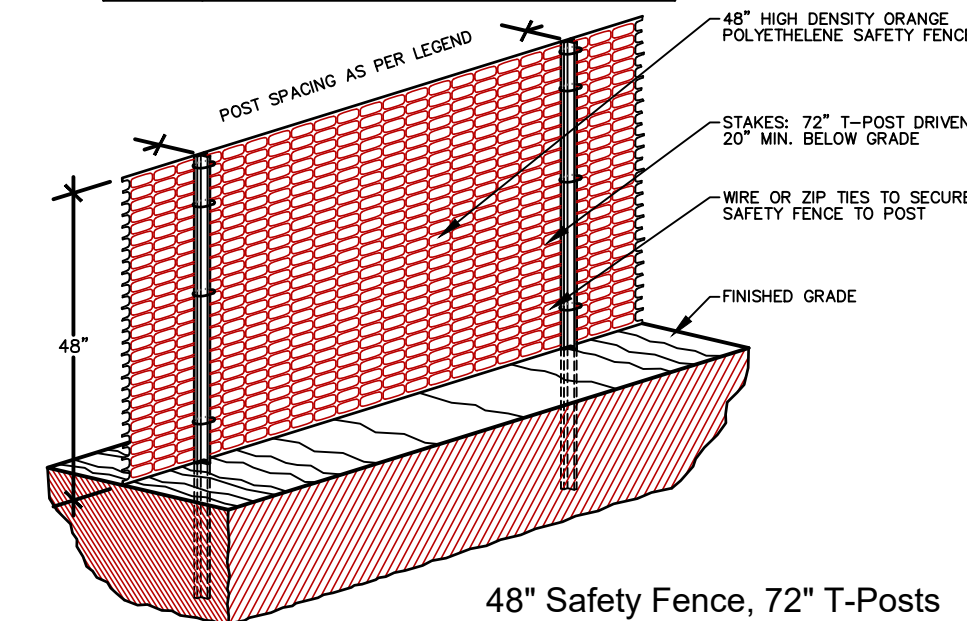
TO BE CONSTRUCTED IAW NH SWM #2 CHAPTER 4, #5 TREATMENT SWALES, PAGE 123.

E4

**CONSTRUCTION SAFETY FENCE**  
NOT TO SCALE

LEGEND

|       |                                |
|-------|--------------------------------|
| SAF12 | 48" ORANGE FENCE, 12 FEET O.C. |
| SAF11 | 48" ORANGE FENCE, 11 FEET O.C. |
| SAF10 | 48" ORANGE FENCE, 10 FEET O.C. |
| SAF9  | 48" ORANGE FENCE, 9 FEET O.C.  |
| SAF8  | 48" ORANGE FENCE, 8 FEET O.C.  |
| SAF7  | 48" ORANGE FENCE, 7 FEET O.C.  |
| SAF6  | 48" ORANGE FENCE, 6 FEET O.C.  |



**48" Safety Fence, 72" T-Posts**

- ALL SENSITIVE AREAS SHALL BE PROTECTED AS PER PLAN.
- ALL TREES IN THE CONSTRUCTION AREA NOT SPECIFICALLY DESIGNATED FOR REMOVAL SHALL BE PRESERVED AND PROTECTED WITH HIGH VISIBILITY FENCE AS PER PLAN.
- WHEN PRACTICABLE, INSTALL HIGH VISIBILITY 3 FEET OUTSIDE OF THE DRIP LINE OF THE TREE.
- SAFETY FENCE SHOULD BE FASTENED SECURELY TO THE T-POSTS.
- THE FENCING MUST REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION; ANY CHANGE OF THE PROTECTIVE FENCING MUST BE APPROVED.

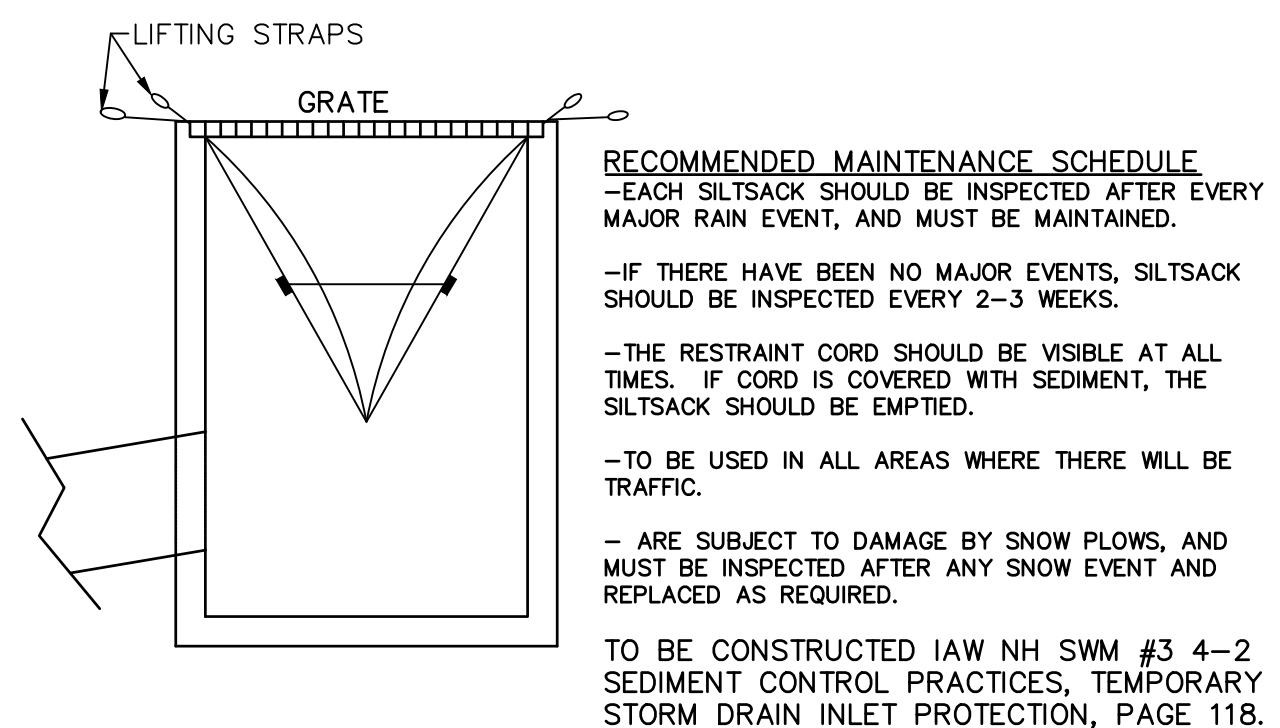
E8

**TEMPORARY EROSION CONTROL MEASURES**

- THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME.
- EROSION, SEDIMENT AND DETENTION MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND AT LOCATIONS AS REQUIRED, DIRECTED BY THE ENGINEER.
- ALL DISTURBED AREAS SHALL BE RETURNED TO ORIGINAL GRADES AND ELEVATIONS. DISTURBED AREAS SHALL BE LOAMED WITH A MINIMUM OF 4" OF LOAM AND SEEDING WITH NOT LESS THAN ONE POUND OF SEED PER 50 SQUARE YARDS OF AREA. (SEE SEED SPECIFICATIONS THIS SHEET)
- ALL DISTURBED AREAS WILL BE RESTABILIZED WITHIN 45 DAYS. AT ANY ONE TIME, NO MORE THAN 5 ACRES, (217,800 Sq. Ft.) WILL BE DISTURBED.
- SILT FENCES AND PERIMETER BARRIERS SHALL BE INSPECTED PERIODICALLY AND AFTER EVERY RAIN DURING THE LIFE OF THE PROJECT. ALL DAMAGED AREAS SHALL BE REPAIRED, SEDIMENT DEPOSITS SHALL PERIODICALLY BE REMOVED AND DISPOSED OF.
- AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE REMOVED AND THE AREA DISTURBED BY THE REMOVAL SMOOTHED AND RE-VEGETATED.
- PER THE EPA CGP REQUIREMENTS THERE WILL BE REPORTS OF THE EROSION CONTROL INSPECTIONS IAW SWPPP PREPARED BY BS&E. ALL EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER 0.25" OR GREATER RAIN EVENT.
- DITCHES, SWALES, AND BASINS SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
- DO NOT TRAFFIC EXPOSED SOIL SURFACES WITH CONSTRUCTION EQUIPMENT. IF FEASIBLE, PERFORM EXCAVATIONS WITH EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE INFILTRATION SYSTEM.
- DRIVEWAYS AND CUT AND FILL SLOPES MUST BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINAL GRADE.
- STABILIZATION MEANS:
  - A MINIMUM OF 85% OF VEGETATIVE COVER HAS BEEN ESTABLISHED.
  - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP RAP HAS BEEN INSTALLED, OR
  - EROSION CONTROL BLANKETS HAVE BEEN INSTALLED.
- THIS PROJECT IS TO BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430:53 AND CHAPTER AGR 3800 RELATIVE TO INVASIVE SPECIES.
- THE NHDES STORMWATER MANUAL, IN THREE VOLUMES, DATED DECEMBER 2008, IS A PART OF THIS PLAN SET AND THE MORE RESTRICTIVE WILL GOVERN. (NH SWM)

**SILTSACK DETAIL**  
NOT TO SCALE

E11



**RECOMMENDED MAINTENANCE SCHEDULE**  
-EACH SILTSACK SHOULD BE INSPECTED AFTER EVERY MAJOR RAIN EVENT, AND MUST BE MAINTAINED.  
-IF THERE HAVE BEEN NO MAJOR EVENTS, SILTSACK SHOULD BE INSPECTED EVERY 2-3 WEEKS.  
-THE RESTRAINT CORD SHOULD BE VISIBLE AT ALL TIMES. IF CORD IS COVERED WITH SEDIMENT, THE SILTSACK SHOULD BE EMPTIED.  
-TO BE USED IN ALL AREAS WHERE THERE WILL BE TRAFFIC.  
- ARE SUBJECT TO DAMAGE BY SNOW PLOWS, AND MUST BE INSPECTED AFTER ANY SNOW EVENT AND REPLACED AS REQUIRED.

TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, TEMPORARY STORM DRAIN INLET PROTECTION, PAGE 118.

E-101

|                                      |             |
|--------------------------------------|-------------|
| REVISED PER NOTTINGHAM STAFF COMMENT | DESCRIPTION |
| 4-29-20                              | DATE        |
| #1                                   | REVISION    |

EROSION & SEDIMENT CONTROL DETAILS  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

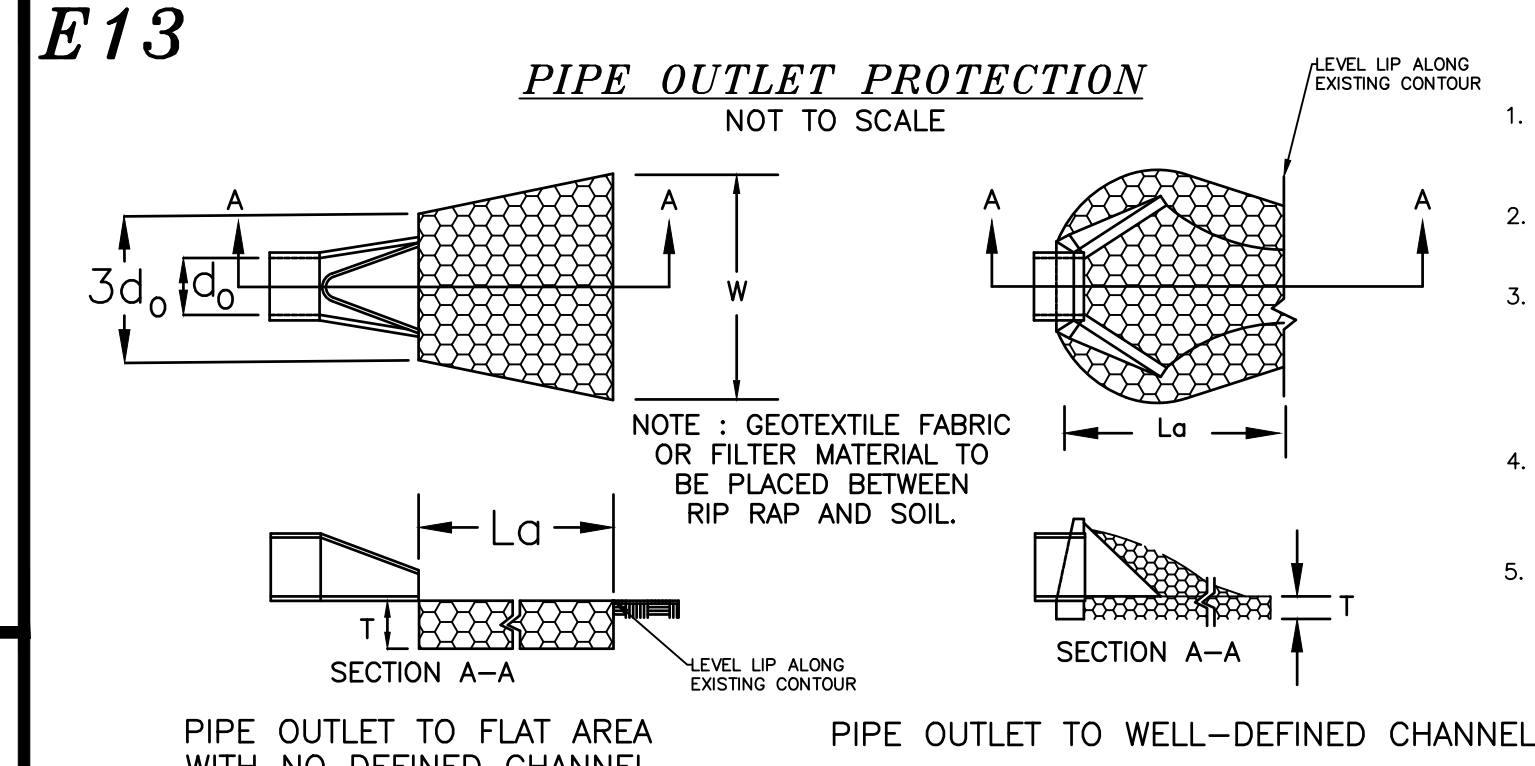
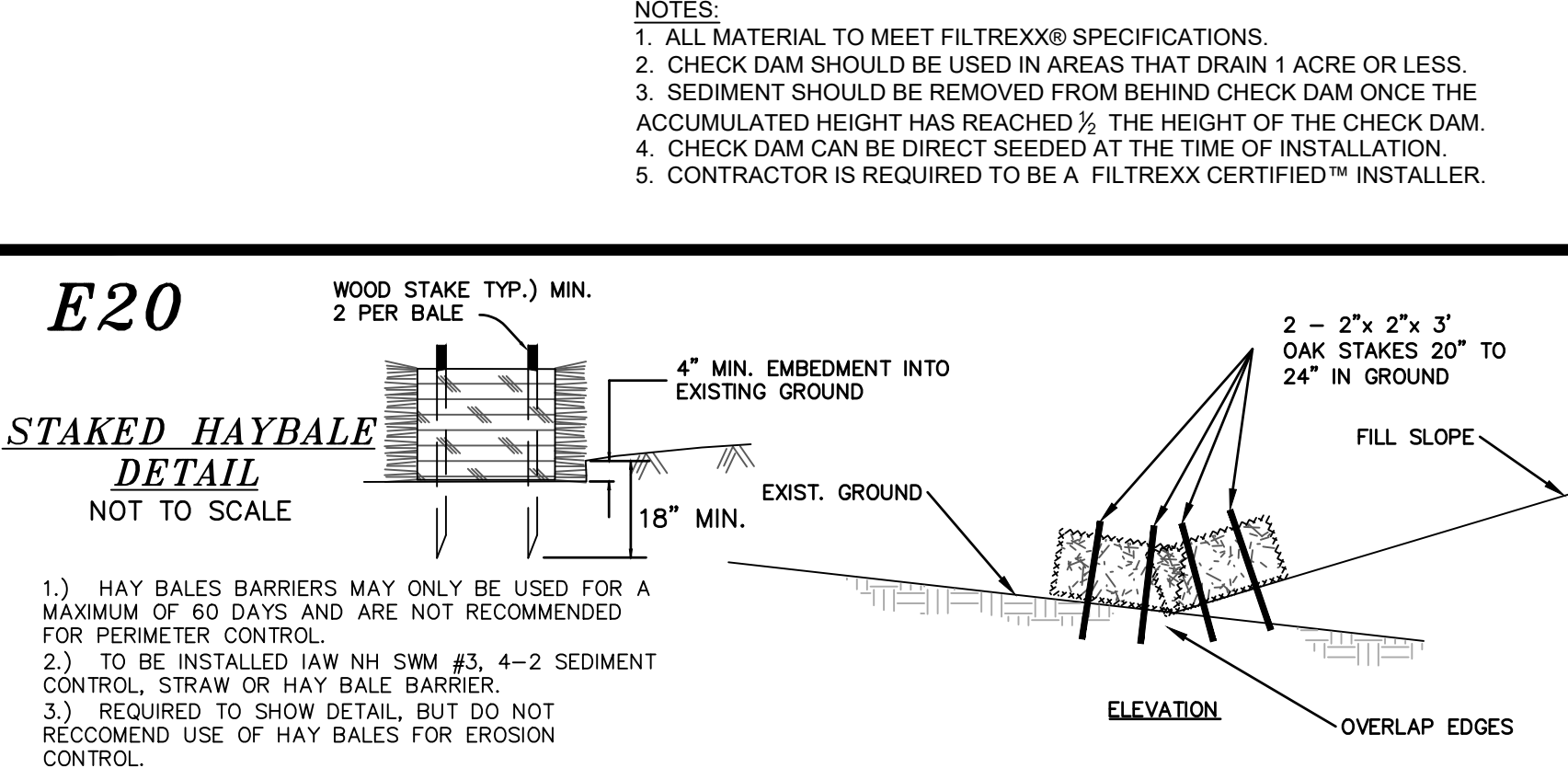
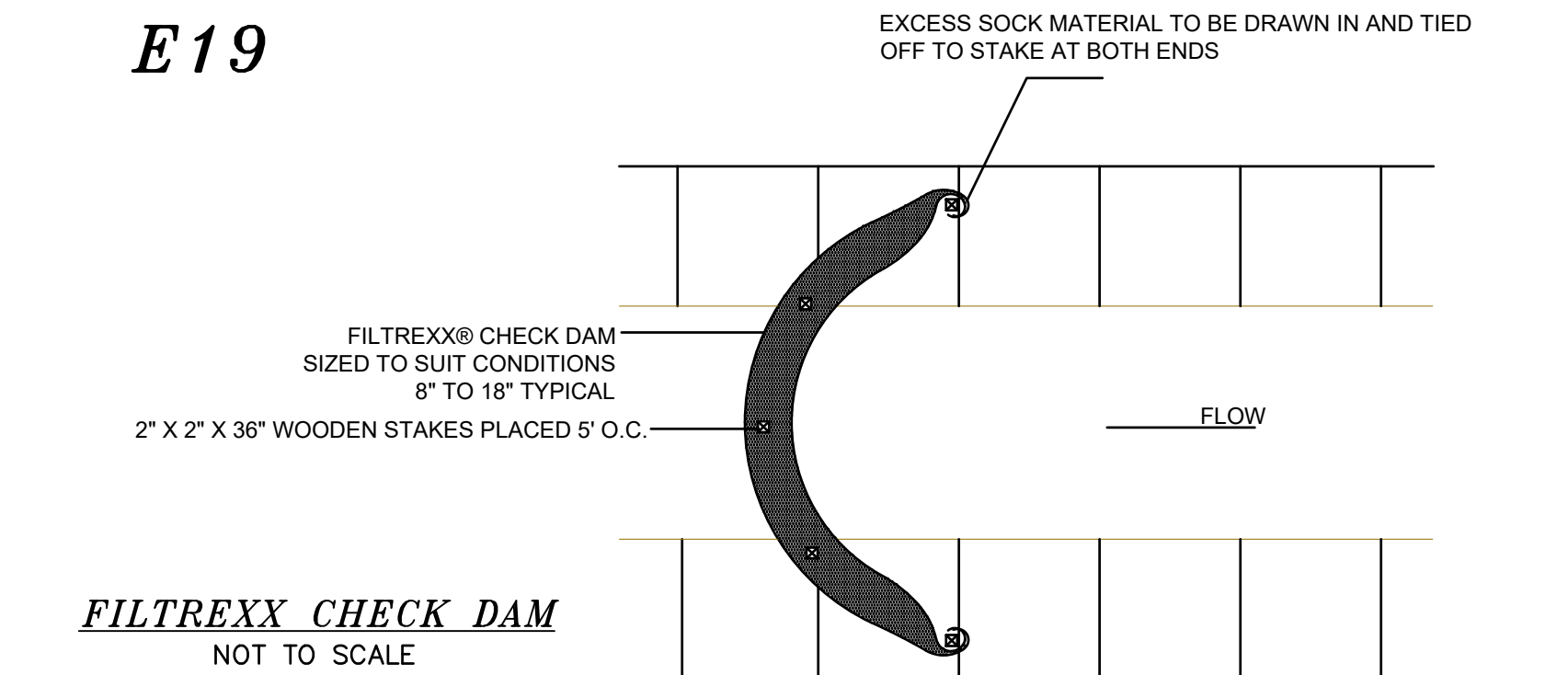
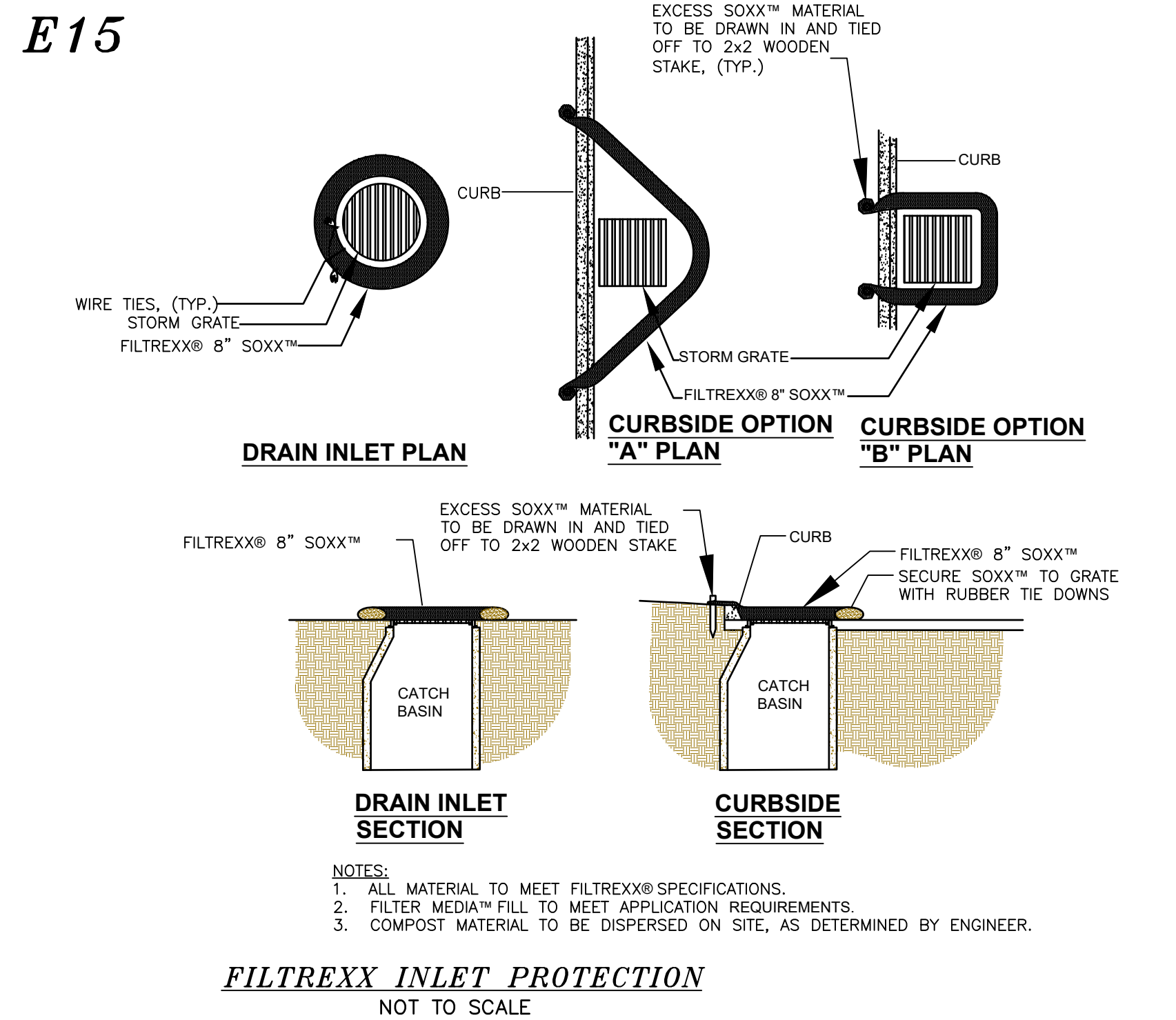
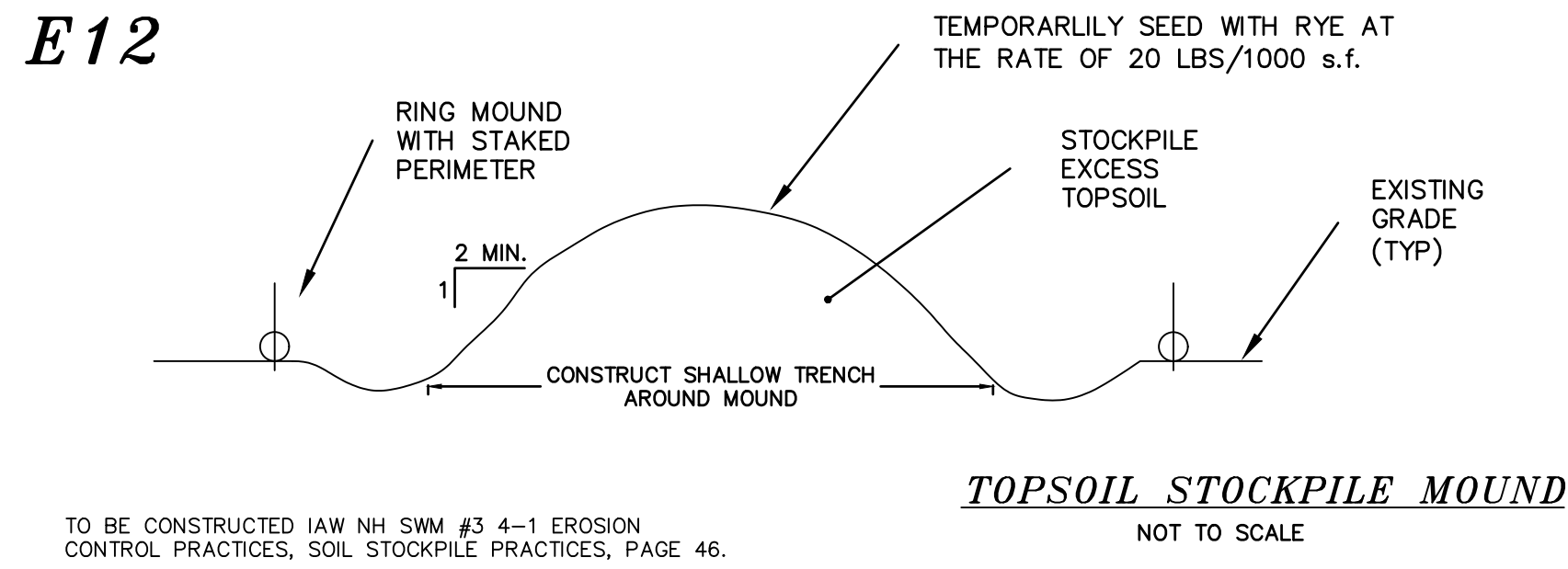
BERRY SURVEYING & ENGINEERING  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863

AS NOTED  
DATE : MARCH 16, 2020  
FILE NO. : DB 2018 - 125

STATE OF NEW HAMPSHIRE  
KENNETH BERRY  
No. 14243  
LICENSED PROFESSIONAL ENGINEER

SHEET 44 OF 49





**E16** NOTE: THIS PROJECT IS TO BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430:53 AND CHAPTER AGR 3800 RELATIVE TO INVASIVE SPECIES.

**SEEDING RATES**

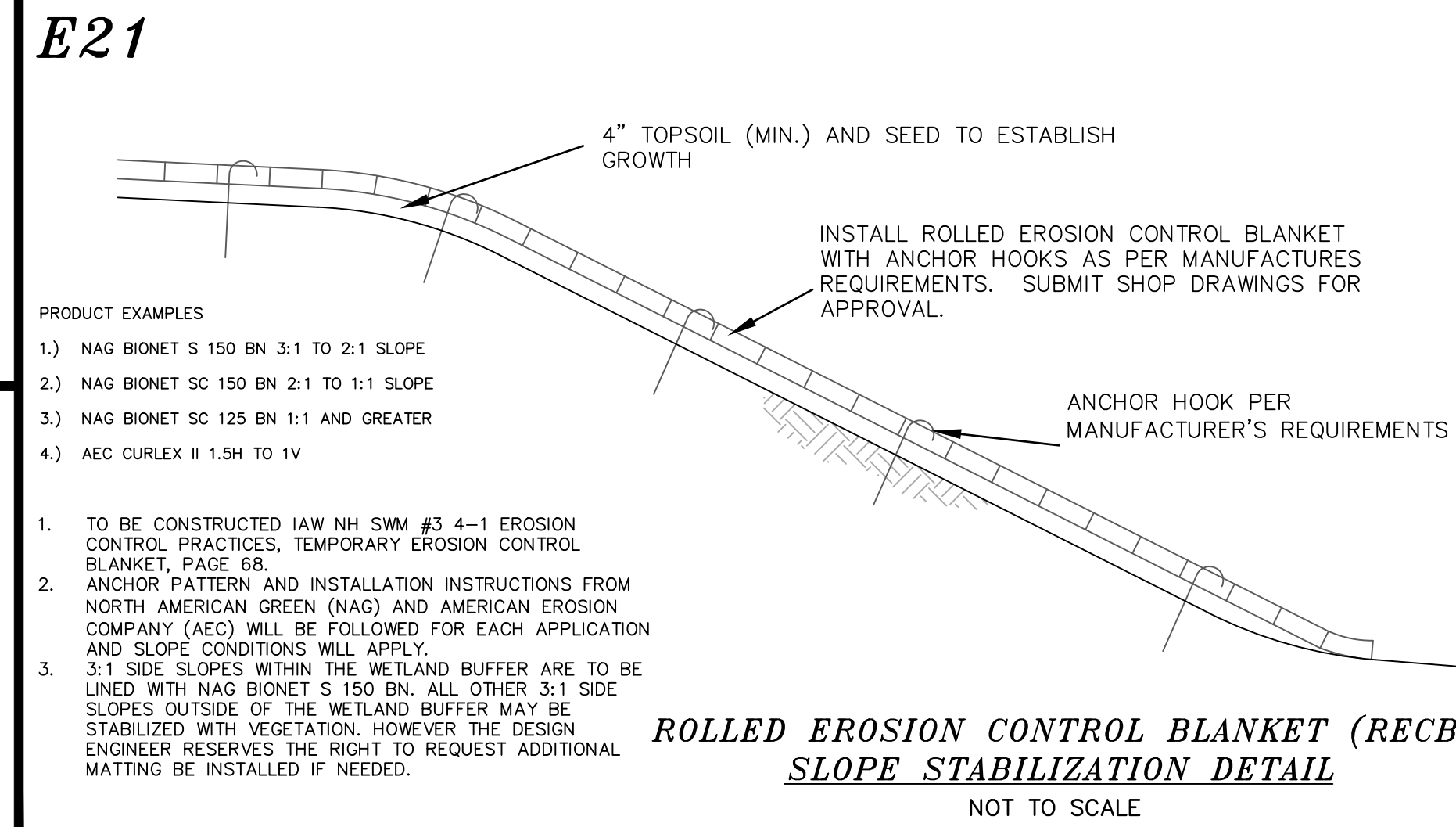
| MIXTURE                    | POUNDS PER ACRE | POUNDS PER 1,000 S.F. |
|----------------------------|-----------------|-----------------------|
| A. TALL FESCUE             | 20              | 0.45                  |
| CREeping RED FESCUE        | 20              | 0.45                  |
| RED TOP                    | 2               | 0.05                  |
| TOTAL                      | 42              | 0.95                  |
| B. TALL FESCUE             | 15              | 0.35                  |
| CREeping RED FESCUE        | 10              | 0.25                  |
| FLAT PEA                   | 10              | 0.35                  |
| TOTAL                      | 40              | 0.95                  |
| C. TALL FESCUE             | 24              | 0.55                  |
| CREeping RED FESCUE        | 24              | 0.55                  |
| BIRDS FOOT TREFLOL         | 28              | REMOVED               |
| TOTAL                      | 76              | REMOVED               |
| D. TALL FESCUE             | 20              | 0.45                  |
| FLAT PEA                   | 20              | 0.45                  |
| TOTAL                      | 40              | 0.90                  |
| E. CREeping RED FESCUE 1/2 | 50              | 1.15                  |
| KENTUCKY BLUEGRASS 1/2     | 100             | 2.30                  |
| TOTAL                      | 150             | 3.45                  |
| F. TALL FESCUE 1           | 150             | 3.60                  |

**SEEDING GUIDE**

| USE   | SEEDING MIXTURE 1/2 | DROUGHTY | WELL DRAINED | MODERATELY WELL DRAINED | POORLY DRAINED |
|---|---------------------|----------|--------------|-------------------------|----------------|
| STEP CUTS AND FILLS, BORROW AND DISPOSAL AREAS  | A                   | FAIR     | GOOD         | GOOD                    | FAIR           |
|   | B                   | POOR     | GOOD         | EXCELLENT               | GOOD           |
|   | C                   | FAIR     | FAIR         | GOOD                    | EXCELLENT      |
|   | D                   | FAIR     | EXCELLENT    | EXCELLENT               | POOR           |
| WATERWAYS, EMERGENCY SPILLWAYS, AND OTHER CHANNELS WITH FLOWING WATER                       | G                   | GOOD     | GOOD         | GOOD                    | FAIR           |
|   | C                   | GOOD     | EXCELLENT    | EXCELLENT               | FAIR           |
|   | D                   | GOOD     | EXCELLENT    | EXCELLENT               | FAIR           |
| LIGHTLY USED PARKING LOTS, GOOD AREAS, UNUSED LANDS, AND LOW INTENSITY USE RECREATION SITES | A                   | GOOD     | GOOD         | GOOD                    | FAIR           |
|   | B                   | GOOD     | GOOD         | EXCELLENT               | FAIR           |
|   | C                   | GOOD     | EXCELLENT    | EXCELLENT               | FAIR           |
| PLAY AREAS AND ATHLETIC FIELDS  | F                   | FAIR     | EXCELLENT    | EXCELLENT               | EXCELLENT      |
|   | G                   | FAIR     | EXCELLENT    | EXCELLENT               | EXCELLENT      |

GRAVEL PIT: SEE NH-FM-24 IN APPENDIX FOR RECOMMENDATION REGARDING RECLAMATION OF SAND AND GRAVEL PITS.  
 1/2 REFER TO SEEDING MIXTURES AND RATES IN TABLE 7-36.  
 2/2 POORLY DRAINED SOILS ARE NOT DESIRABLE FOR USE AS PLAYING AREA AND ATHLETIC FIELDS.

- SEEDING SPECIFICATIONS**
- GRADING AND SHAPING
    - A. SLOPES SHALL NOT BE STEEPER THAN 2:1; 3:1 SLOPES OR FLATTER ARE PREFERRED.
    - WHERE MOWING WILL BE DONE, 3:1 SLOPES OR FLATTER ARE RECOMMENDED.
  - SEEDBED PREPARATION
    - A. SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.
    - B. STONES LARGER THAN 4 INCHES AND TRASH SHOULD BE REMOVED BECAUSE THEY INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF ABOUT 4 INCHES TO PREPARE A SEED BED AND MIX FERTILIZER AND LIME INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.
  - ESTABLISHING A STAND
    - A. LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL KINDS AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON AN EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED:
      - AGRICULTURAL LIMESTONE, 2 TONS PER ACRE OR 100LBS. PER 1,000 SQ.FT.
      - NITROGEN(N), 50LBS. PER ACRE OR 1.1LBS. PER 1,000 SQ.FT.
      - PHOSPHATE(P2O5), 100LBS. PER ACRE OR 2.2LBS. PER 1,000 SQ.FT.
      - POTASH(K2O), 100LBS. PER ACRE OR 2.2LBS. PER 1,000 SQ.FT.
 (NOTE: THIS IS THE EQUIVALENT OF 500LBS. PER ACRE OF 10-20-20 FERTILIZER OR 1,000LBS. PER ACRE OF 5-10-10.)
    - B. SEED SHOULD BE SPREAD UNIFORMLY BY THE METHOD MOST APPROPRIATE FOR THE SITE. METHODS INCLUDE BROADCASTING, DRILLING AND HYDROSEEDING. WHERE BROADCASTING IS USED, COVER SEED WITH 25 INCH OF SOIL OR LESS, BY OULPACING OR RAKING.
    - C. REFER TO TABLE(G-E1 THIS SHEET) FOR APPROPRIATE SEED MIXTURES AND TABLE(H-E1 THIS SHEET) FOR RATES OF SEEDING. ALL LEGUMES (CROWNVETCH, BIRDSFOOT TREFLOL, AND FLATPEA) MUST BE INOCULATED WITH THEIR SPECIFIC INOCULANT.
    - D. WHEN SEEDING AREAS ARE MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 10 TO SEPTEMBER 1.
  - MULCH
    - A. HAY, STRAW, OR OTHER MULCH, WHEN NEEDED, SHOULD BE APPLIED IMMEDIATELY AFTER SEEDING.
    - B. MULCH WILL BE HELD IN PLACE USING APPROPRIATE TECHNIQUES FROM THE BEST MANAGEMENT PRACTICE FOR MULCHING. HAY OR STRAW MULCH SHALL BE PLACED AT A RATE OF 90LBS PER 1000 S.F.
    - C. IN WATERWAYS, CHANNELS, OR SWALES WHERE UNIFORM FLOW CONDITIONS ARE ANTICIPATED, OCCASIONAL MOWING MAY BE NECESSARY TO CONTROL GROWTH OF WOODY VEGETATION.
    - D. TO BE CONSTRUCTED IAW NH SWM #3 4-1 EROSION CONTROL PRACTICES, PERMANENT VEGETATION, PAGE 60.



- PIPE OUTLET PROTECTION CONSTRUCTION SPECIFICATIONS**
- THE SUB GRADE FOR THE FILTER MATERIAL, GEOTEXTILE FABRIC, AND RIP RAP SHALL BE PREPARED TO THE LINES AND GRADES SHOWN ON THE PLANS. SPECIFIED GRADATION.
  - THE ROCK OR GRAVEL USED FOR FILTER OF RIP RAP SHALL CONFORM TO NHDOT SECTION 583.
  - GEOTEXTILE FABRICS SHALL BE PROTECTED FROM PUNCTURE OR TEARING DURING THE PLACEMENT OF THE ROCK RIP RAP DAMAGED AREAS IN THE FABRIC SHALL BE REPAIRED BY PLACING A PIECE OF FABRIC OVER THE DAMAGED AREA OR BY COMPLETE REPLACEMENT OF THE FABRIC. ALL OVERLAPS REQUIRED FOR REPAIRS OR JOINING TWO PIECES OF FABRIC SHALL BE A MINIMUM OF 12 INCHES.
  - STONE FOR THE RIP RAP MAY BE PLACED BY EQUIPMENT AND SHALL BE CONSTRUCTED TO THE FULL LAYER THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO PREVENT SEGREGATION OF THE STONE SIZES.
  - TO BE CONSTRUCTED IAW NH SWM #2 4-6 CONVEYANCE PRACTICES, 6. OUTLET PROTECTION, PAGE 172.

- E17 CONSTRUCTION SEQUENCE:**
- CUT AND REMOVE TREES IN CONSTRUCTION AREA ONLY AS REQUIRED, RELOCATE ANY PROJECT T.B.M.
  - CONSTRUCT AND/OR INSTALL TEMPORARY AND PERMANENT SEDIMENT CONTROL FACILITIES AS SPECIFIED. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY SOIL LAND DISTURBANCE AND MUST BE REVIEWED AND APPROVED BY THE COMMUNITY SERVICES DEPARTMENT.
  - EROSION, SEDIMENT AND DETENTION CONTROL FACILITY SHALL BE INSTALLED & STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM. TEMPORARY DIVERSIONS MAY BE REQUIRED. POST CONSTRUCTION STORM WATER MANAGEMENT PRACTICES MUST BE INITIATED AND STABILIZED EARLY IN THE PROCESS. RUNOFF MUST BE DIRECTED TO TEMPORARY PRACTICES UNTIL STORMWATER BMPs ARE STABILIZED.
  - CLEAR, CUT AND DISPOSE OF DEBRIS IN APPROVED FACILITY
  - CONSTRUCT TEMPORARY CULVERTS AS REQUIRED, OR DIRECTED
  - CONSTRUCT ROADWAYS FOR ACCESS TO DESIRED CONSTRUCTION AREAS. ALL ROADS SHALL BE STABILIZED IMMEDIATELY
  - START BUILDING CONSTRUCTION
  - INSTALL PIPE AND CONSTRUCTION ASSOCIATED APPURTENANCES AS REQUIRED OR DIRECTED. INSTALL RAIN GARDENS. ALL DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY AFTER GRADING.
  - BEGIN PERMANENT AND TEMPORARY SEEDING AND MULCHING. ALL CUT AND FILL SLOPES AND DISTURBED AREAS SHALL BE SEED OR MULCHED AS REQUIRED, OR DIRECTED. NO AREA IS ALLOWED TO BE DISTURBED FOR A LENGTH OF TIME THAT EXCEEDS 45 DAYS BEFORE BEING STABILIZED. DAILY, OR AS REQUIRED, ALL ROADWAYS AND PARKING AREAS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADES. ALL CUT AND FILL SLOPES SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADES. LIMIT THE LENGTH OF EXPOSURE OF UNSTABILIZED SOIL TO 45 DAYS OR LESS.
  - CONSTRUCT TEMPORARY BERMS, DRAINS DITCHES, SILT FENCES, SEDIMENT TRAPS, ETC. MULCH AND SEED AS REQUIRED.
  - INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION. ALL SWPPP INSPECTIONS MUST BE CONDUCTED BY A QUALIFIED PROFESSIONAL SUCH AS A PROFESSIONAL ENGINEER (PE), A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC), A CERTIFIED EROSION SEDIMENT AND STORM WATER INSPECTOR (CESSWI), OR A CERTIFIED PROFESSIONAL IN STORM WATER QUALITY (CPSWQ). INSPECTION REPORTS SHALL BE SUBMITTED TO THE COMMUNITY SERVICES DEPARTMENT. EROSION AND SEDIMENT CONTROL PRACTICES ARE TO BE INSPECTED WEEKLY AND AFTER 0.5" OF RAINFALL.
  - COMPLETE PERMANENT SEEDING AND LANDSCAPING.
  - REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER SEEDING AREAS HAVE ESTABLISHED THEMSELVES AND SITE IMPROVEMENTS ARE COMPLETE.
  - SMOOTH AND REVEGETATE ALL DISTURBED AREAS.
  - FINISH PAVING ALL ROADWAYS.
  - LOT DISTURBANCE, OTHER THAN THAT SHOWN ON THE APPROVED PLANS, SHALL NOT COMMENCE UNTIL AFTER THE ROADWAY HAS THE BASE COURSE TO DESIGN ELEVATION AND THE ASSOCIATED DRAINAGE IS COMPLETE AND STABLE.

**E14** TABLE 7-24--RECOMMENDED RIP RAP GRADATION RANGES

| d50 SIZE=                                   | 0.5 FEET                    | 6 INCHES |
|---|-----------------------------|----------|
| % OF WEIGHT SMALLER THAN THE GIVEN d50 SIZE | SIZE OF STONE (INCHES) FROM | TO       |
| 100%  | 9                           | 12       |
| 85%   | 8                           | 11       |
| 50%   | 6                           | 9        |
| 15%   | 2                           | 3        |

TABLE 7-24--RECOMMENDED RIP RAP GRADATION RANGES

| d50 SIZE=                                   | 1.0 FEET                    | 12 INCHES |
|---|-----------------------------|-----------|
| % OF WEIGHT SMALLER THAN THE GIVEN d50 SIZE | SIZE OF STONE (INCHES) FROM | TO        |
| 100%  | 18                          | 24        |
| 50%   | 12                          | 18        |
| 15%   | 4                           | 6         |

- E18 DEFINITION OF STABLE:**
- PER ENV-WQ 1500 ALTERATION OF TERRAIN
- BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
  - A MINIMUM OF 85 PERCENT VEGETATED GROWTH HAS BEEN ESTABLISHED..
  - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP-RAP HAS BEEN INSTALLED.
  - OR, EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- ADDITION STABILIZATION NOTES:
- HAY MULCH OR OTHER APPROVED METHODS SHALL BE USED TO CONTROL EROSION OF NEWLY GRADED AREAS. ALL CUT AND FILL SLOPES SHALL BE SEED OR MULCHED WITHIN 72 HOURS AFTER THEIR CONSTRUCTION.
  - DISTURBED SOIL AREAS SHALL BE EITHER TEMPORARILY OR PERMANENTLY STABILIZED. IN AREAS WHERE FINAL GRADING HAS NOT OCCURRED, TEMPORARY STABILIZATION MEASURES SHOULD BE IN PLACE WITHIN SEVEN (7) CALENDAR DAYS FOR EXPOSED SOIL AREAS THAT ARE WITHIN ONE HUNDRED (100) FEET OF A SURFACE WATER BODY OR A WETLAND AND NO MORE THAN 14 CALENDAR DAYS FOR ALL OTHER AREAS. PERMANENT STABILIZATION SHOULD BE IN PLACE WITHIN THREE (3) CALENDAR DAYS FOLLOWING COMPLETION OF FINAL GRADING OF EXPOSED SOIL AREAS.

- E22 WINTER STABILIZATION NOTES**
- ALL DISTURBED AREAS THAT DO NOT HAVE AT LEAST 85% VEGETATIVE COVERAGE PRIOR TO OCTOBER 15TH SHALL BE STABILIZED BY APPLYING MULCH AT A RATE OF 3-4 TONS PER ACRE. ALL SIDE SLOPES, STEEPER THAN 4:1, THAT ARE NOT DIRECTED TO SWALES OR DETENTION BASINS, SHALL BE LINED WITH BIODEGRADABLE/PHOTODEGRADABLE "JUTE MATTING" (EXCELSIOR'S CUREX II OR EQUAL). ALL OTHER SLOPES SHALL BE MULCHED AND TACKED AT A RATE OF 3-4 TONS PER ACRE. THE APPLICATION OF MULCH AND/OR JUTE MATTING SHALL NOT OCCUR OVER EXISTING SNOW COVER. IF THE SITE IS ACTIVE AFTER OCTOBER 15TH, ANY SNOW THAT ACCUMULATES ON DISTURBED AREAS SHALL BE REMOVED. PRIOR TO SPRING THAW ALL AREAS WILL BE STABILIZED, AS DIRECTED ABOVE.
  - ALL SWALES THAT DO NOT HAVE FULLY ESTABLISHED VEGETATION SHALL BE EITHER LINED WITH TEMPORARY JUTE MATTING OR TEMPORARY STONE CHECK DAMS (APPROPRIATELY SPACED). STONE CHECK DAMS WILL BE MAINTAINED THROUGHOUT THE WINTER MONTHS. IF THE SWALES ARE TO BE MATTED WITH PERMANENT LINERS OR RIPRAP WITH ENGINEERING FABRIC, THIS SHALL BE COMPLETED PRIOR TO WINTER SHUTDOWN OR AS SOON AS THEY ARE PROPERLY GRADED AND SHAPED.
  - PRIOR TO OCT. 15TH ALL ROADWAY AND PARKING AREAS SHALL BE BROUGHT UP TO AND THROUGH THE BANK RUN GRAVEL APPLICATION. IF THESE AREAS' ELEVATIONS ARE PROPOSED TO REMAIN BELOW THE PROPOSED SUBGRADE ELEVATION, THE SUBGRADE MATERIAL SHALL BE ROUGHLY CROWNED AND A 3" LAYER OF CRUSHED GRAVEL SHALL BE PLACED AND COMPACTED. THIS WILL ALLOW THE SUBGRADE TO SHED RUNOFF AND WILL REDUCE ROADWAY EROSION. THIS CRUSHED GRAVEL DOES NOT HAVE TO CONFORM TO NH DOT 304.3, BUT SHALL HAVE BETWEEN 15-25% PASSING THE #200 SIEVE AND THE LARGEST STONE SIZE SHALL BE 2". IF THE SITE IS ACTIVE AFTER OCTOBER 15TH, ANY ACCUMULATED SNOW SHALL BE REMOVED FROM ALL ROADWAY AND PARKING AREAS.
  - AFTER OCTOBER 15TH, THE END OF NEW HAMPSHIRE'S AVERAGE GROWING SEASON, NO ADDITIONAL LOAM SHALL BE SPREAD ON SIDE SLOPES AND SWALES. THE STOCKPILES THAT WILL BE LEFT UNDISTURBED UNTIL SPRING SHALL BE SEED BY THIS DATE. AFTER OCTOBER 15TH, ANY NEW OR DISTURBED PILES SHALL BE MULCHED AT A RATE OF 3-4 TONS PER ACRE. ALL STOCKPILES THAT WILL REMAIN THROUGHOUT THE WINTER SHALL BE SURROUNDED WITH SILT FENCING.

EROSION & SEDIMENT CONTROL DETAILS

LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863

AS NOTED  
 DATE : MARCH 16, 2020  
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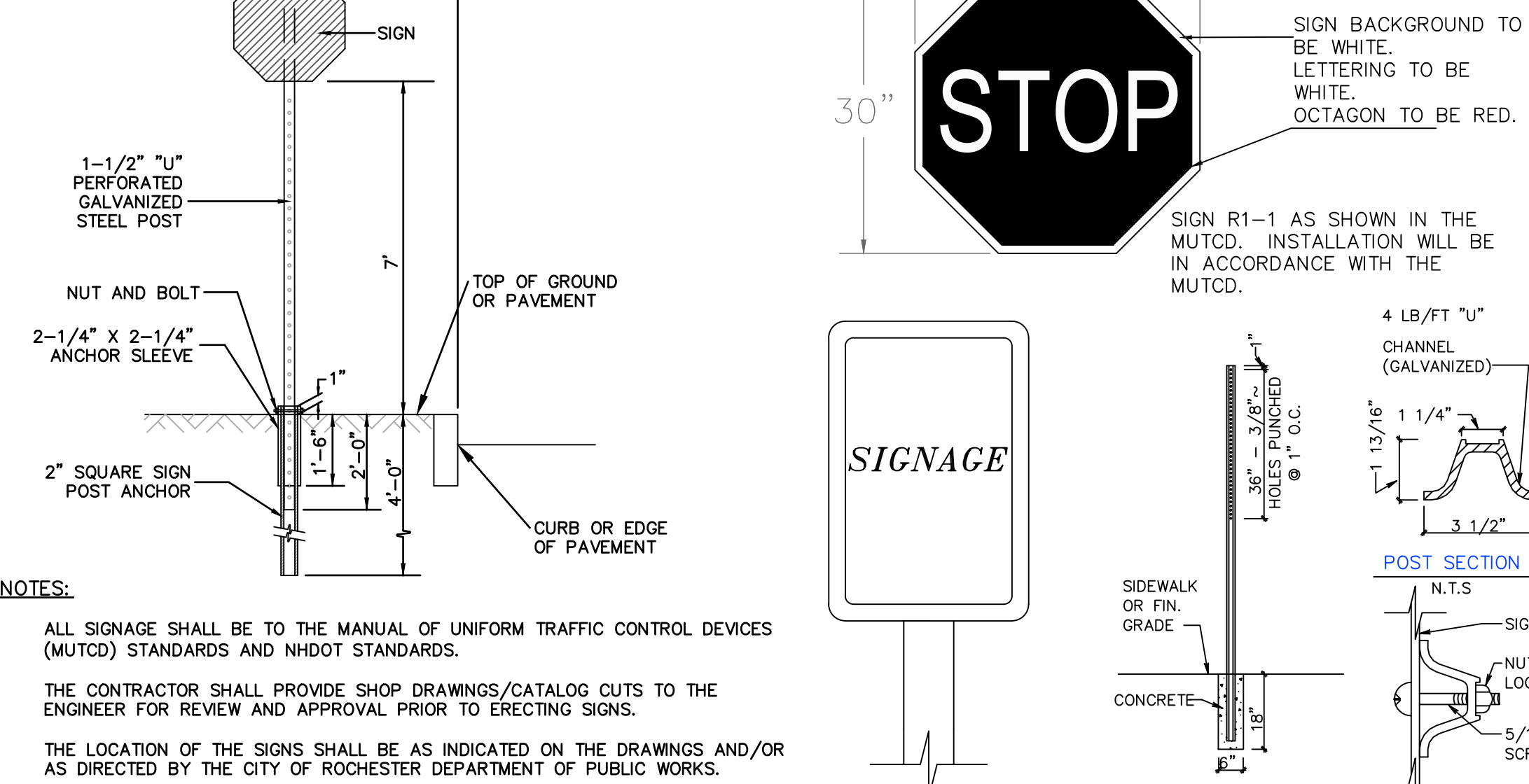
STATE OF NEW HAMPSHIRE  
 KENNETH A. BERRY  
 No. 19243  
 LICENSED PROFESSIONAL ENGINEER

REVISION DATE  
 #1 4-29-20

REVISED PER NOTTINGHAM STAFF COMMENT  
 DESCRIPTION



C1



**NOTES:**

ALL SIGNAGE SHALL BE TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS AND NHDOT STANDARDS.

THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS/CATALOG CUTS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ERECTING SIGNS.

THE LOCATION OF THE SIGNS SHALL BE AS INDICATED ON THE DRAWINGS AND/OR AS DIRECTED BY THE CITY OF ROCHESTER DEPARTMENT OF PUBLIC WORKS.

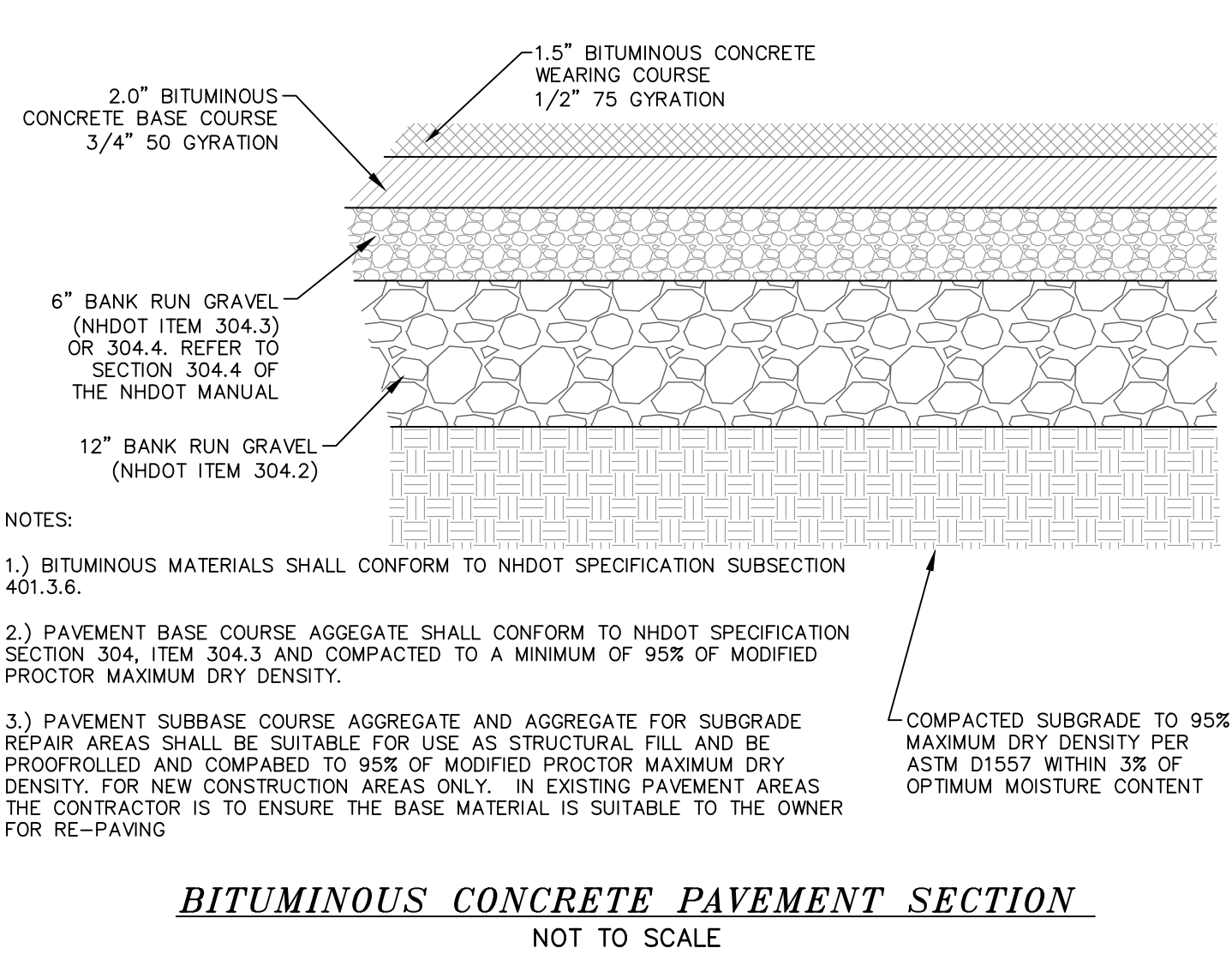
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**PARTIAL ELEVATION**  
N.T.S.

**POST**  
N.T.S.

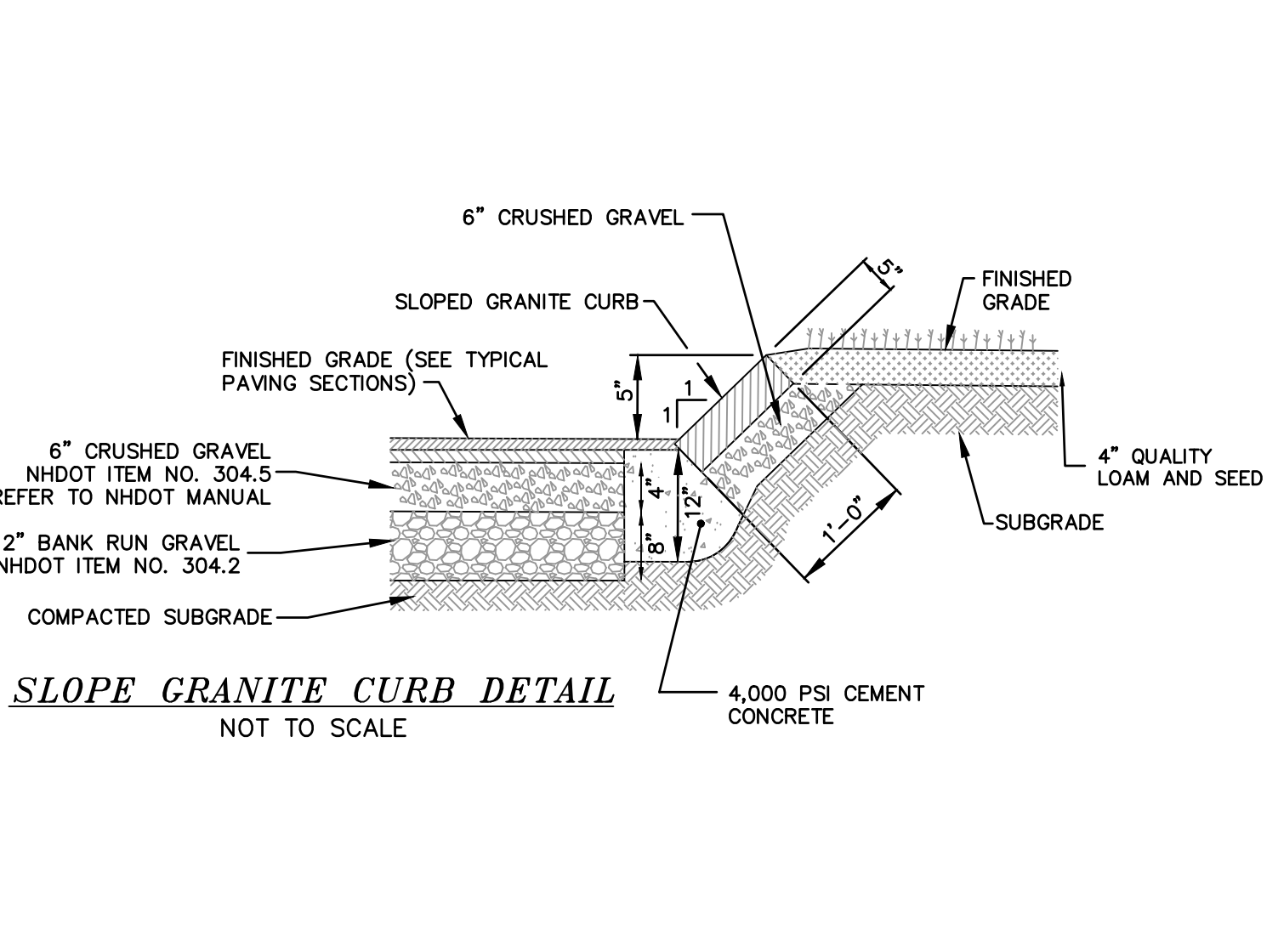
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N.T.S.

C2



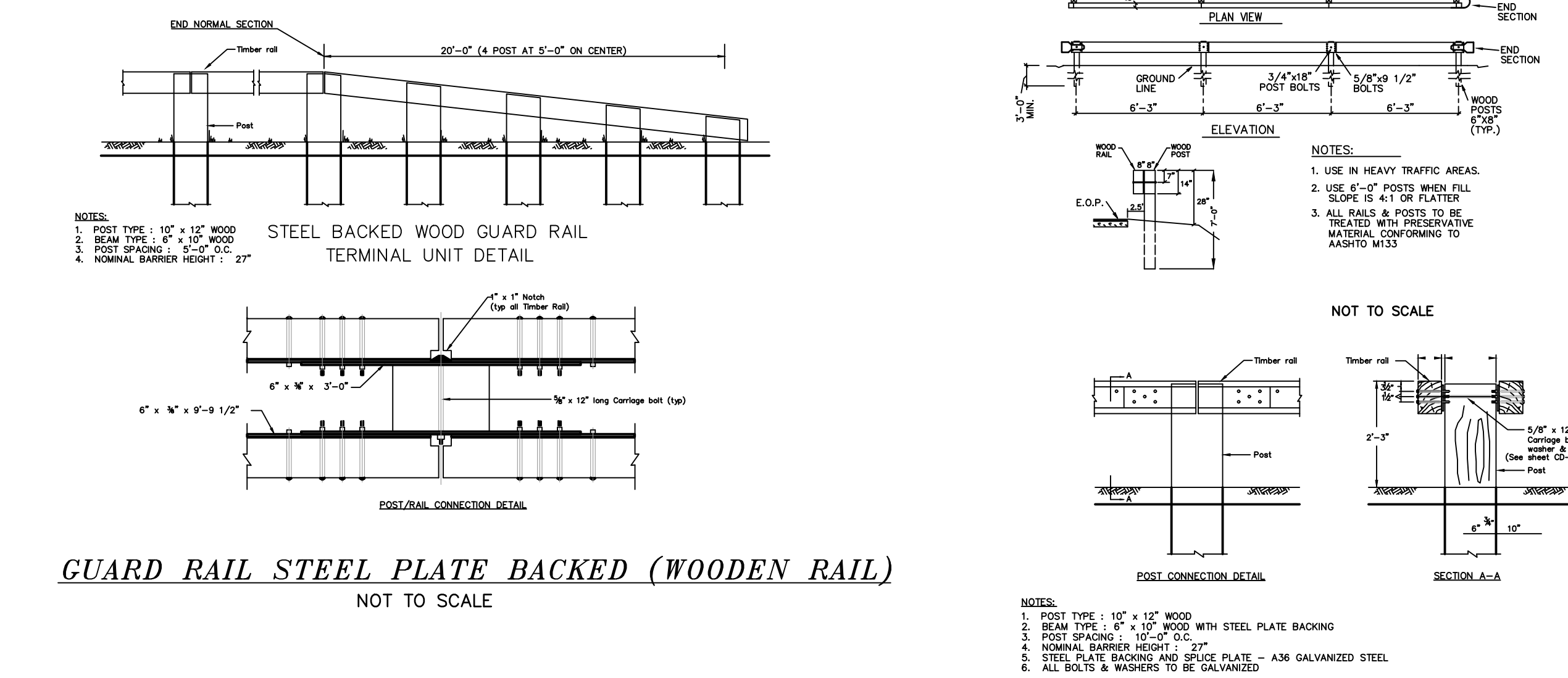
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C3



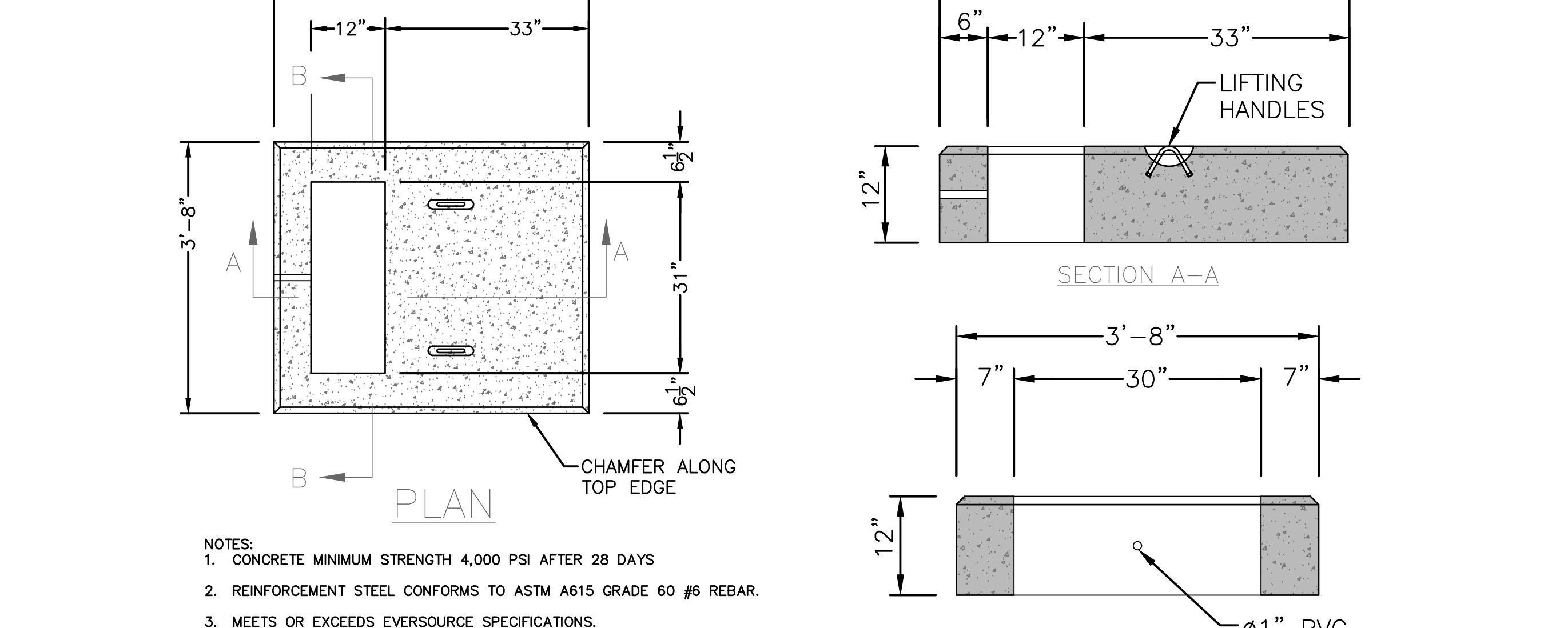
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C4



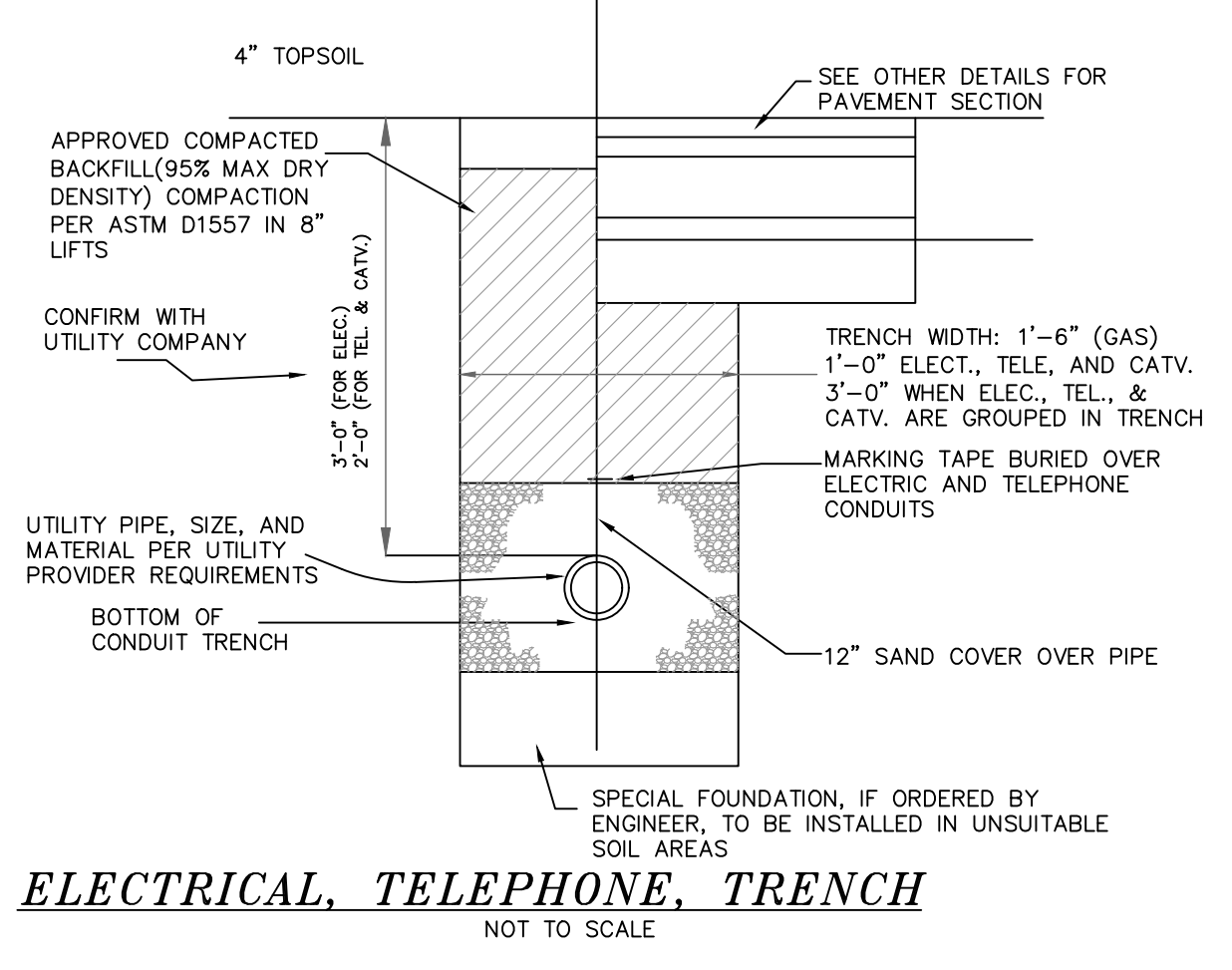
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C5



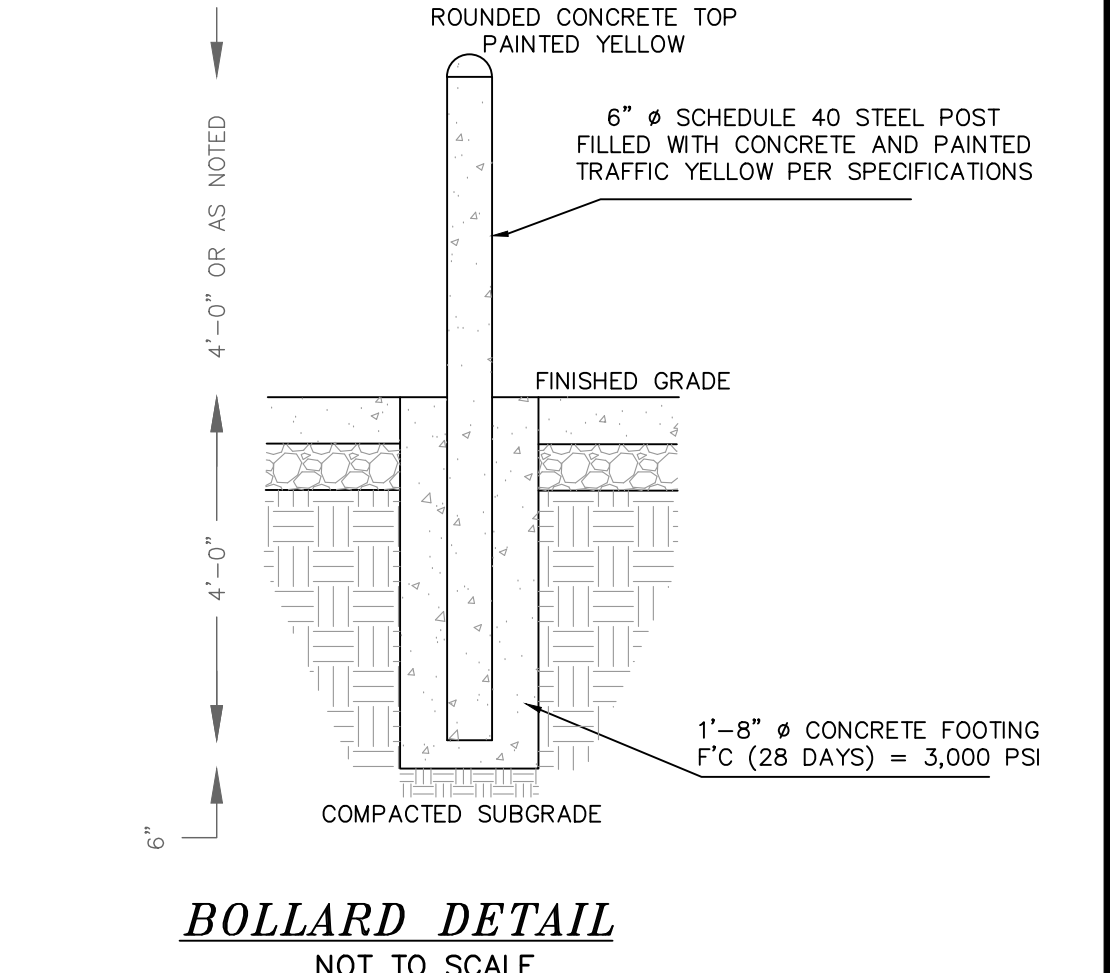
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C6



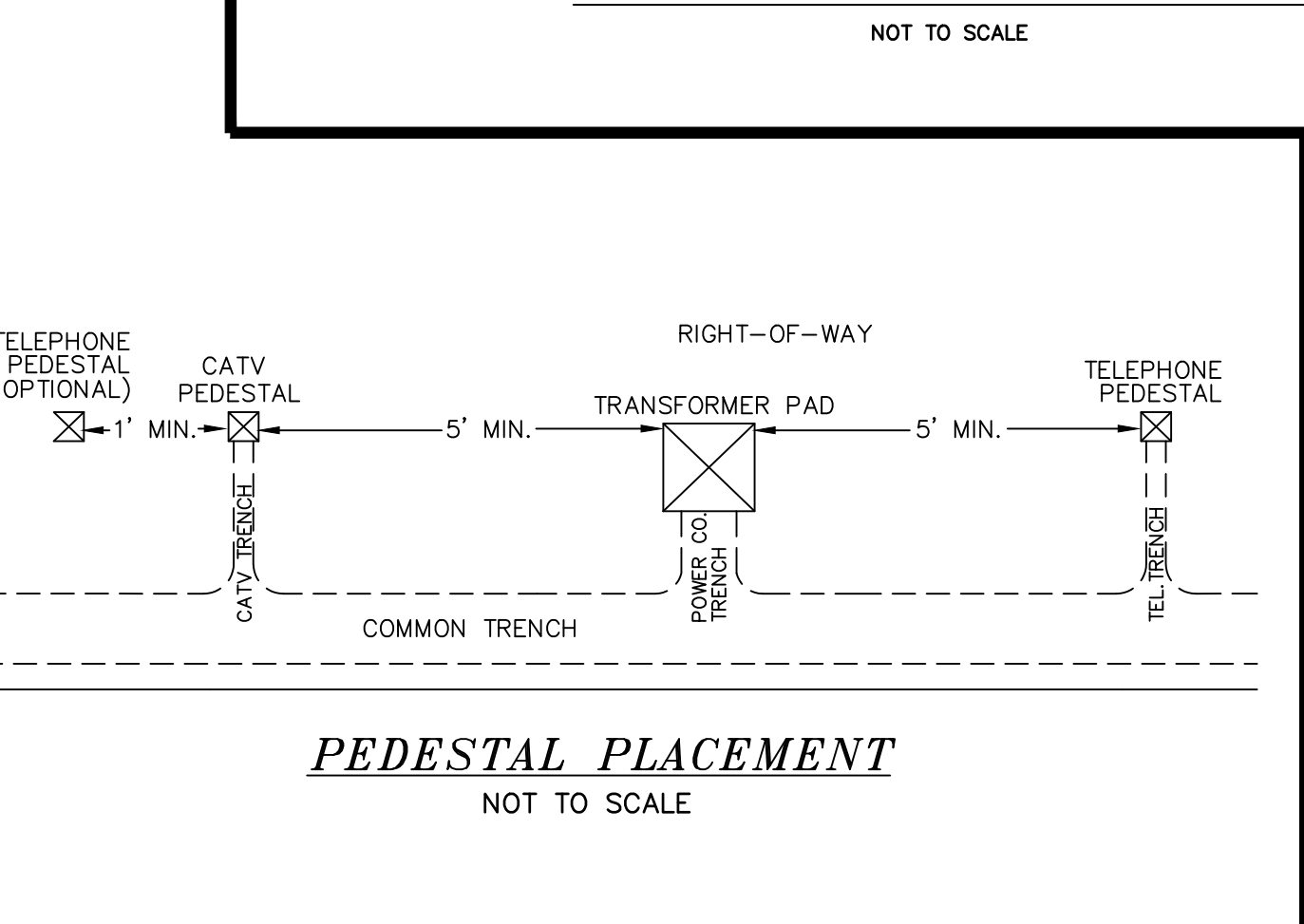
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C7

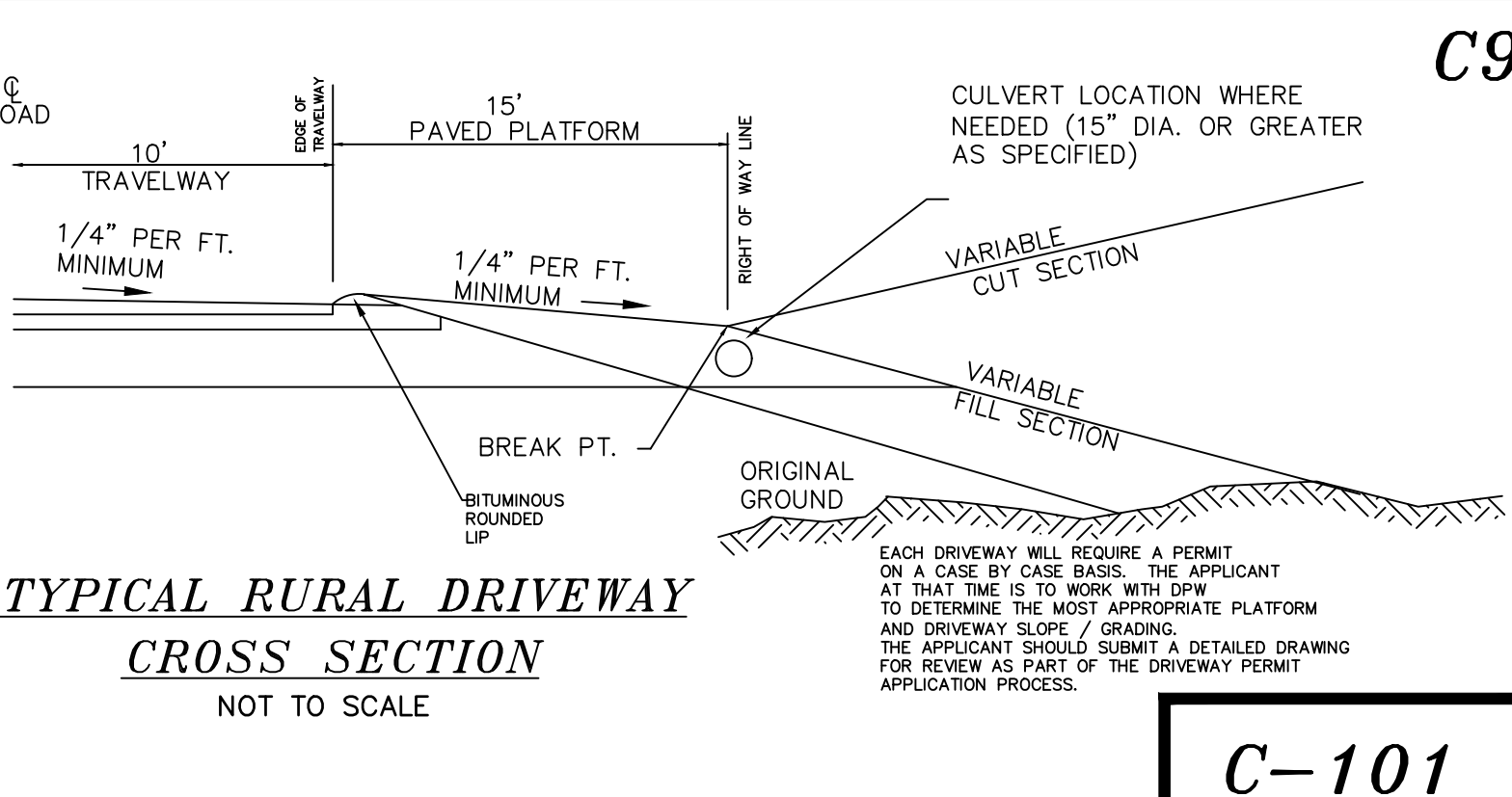


**BOLLARD DETAIL**  
NOT TO SCALE

C8



**PEDESTAL PLACEMENT**  
NOT TO SCALE



**TYPICAL RURAL DRIVEWAY CROSS SECTION**  
NOT TO SCALE

| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

CONSTRUCTION DETAILS  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
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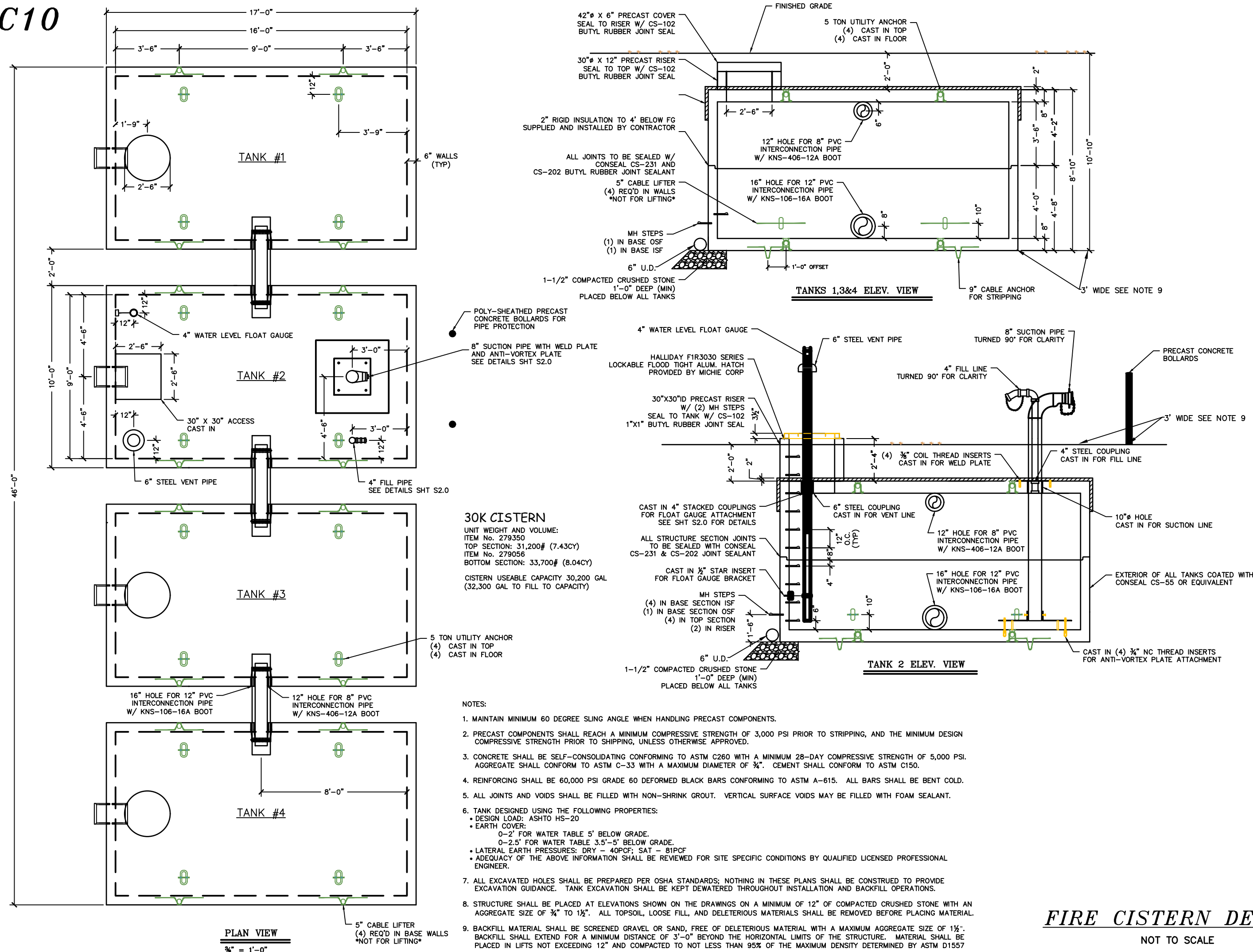
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DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125

KENNETH BERRY  
No. 14243  
LICENSED PROFESSIONAL ENGINEER

SHEET 46 OF 49

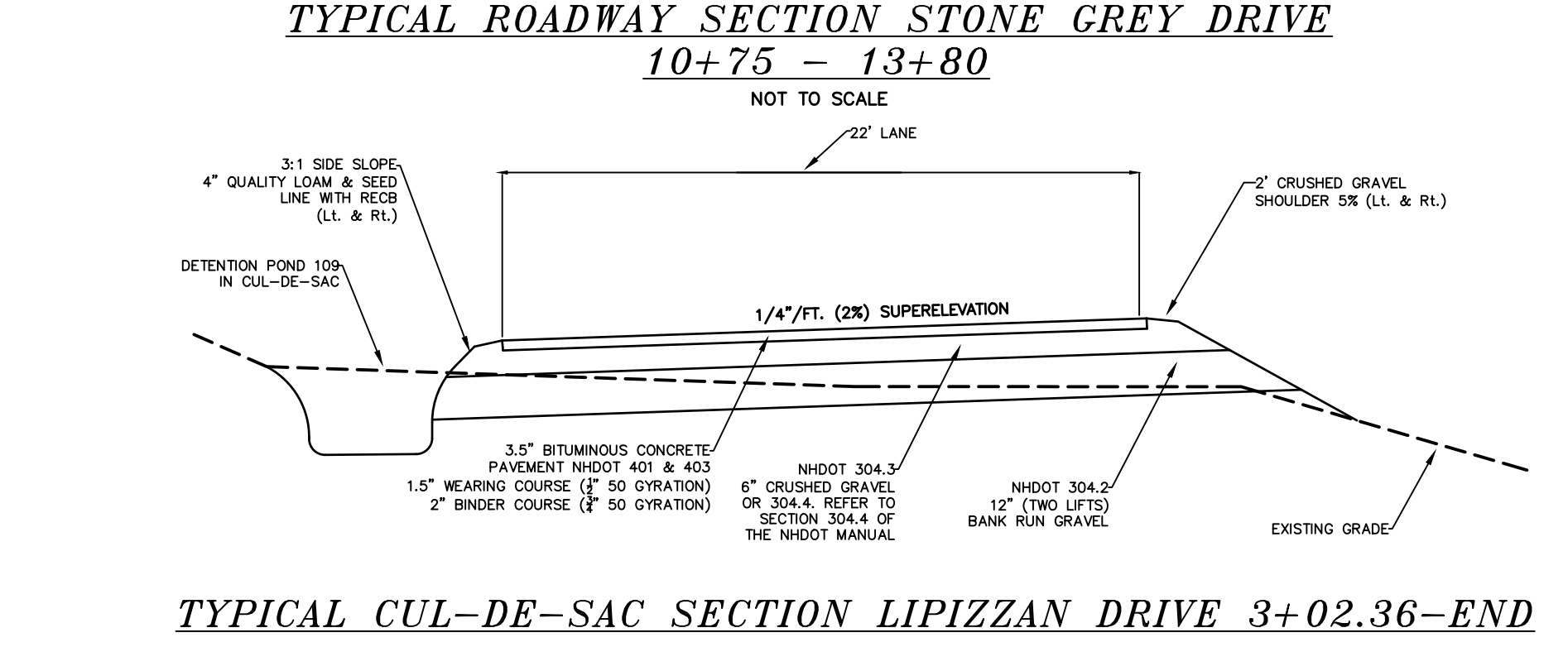
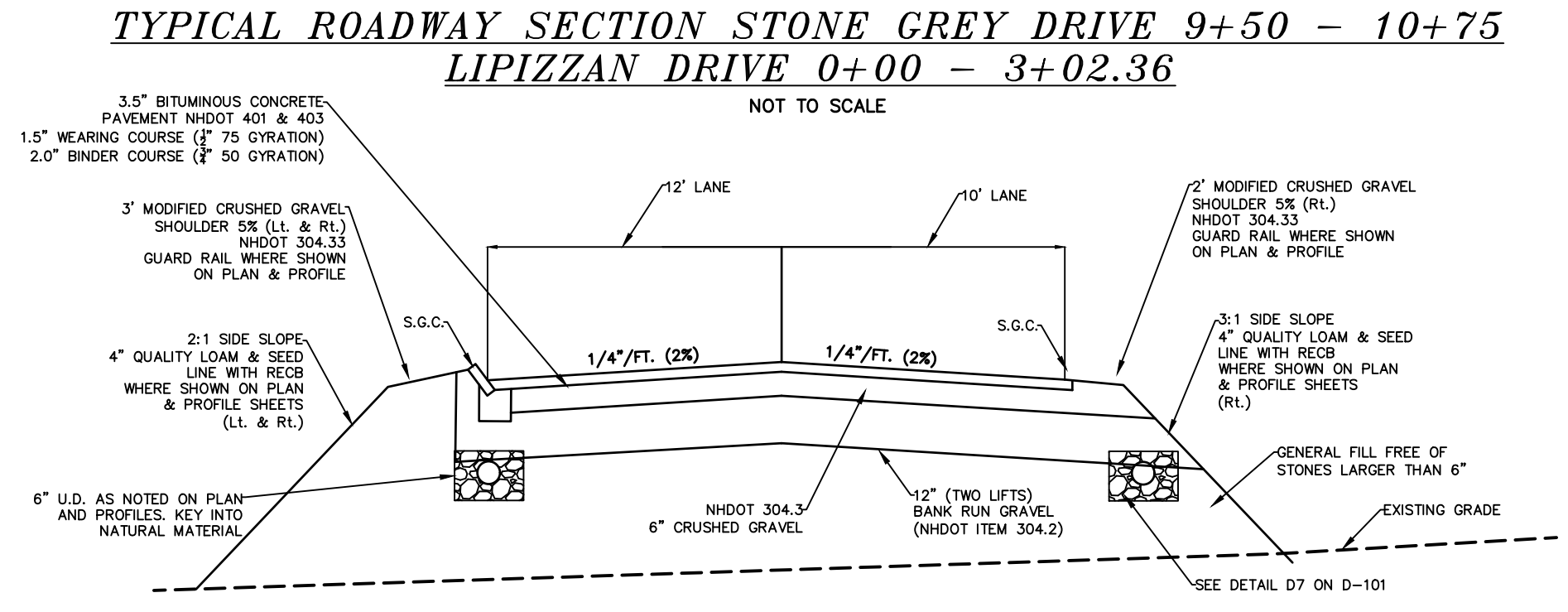
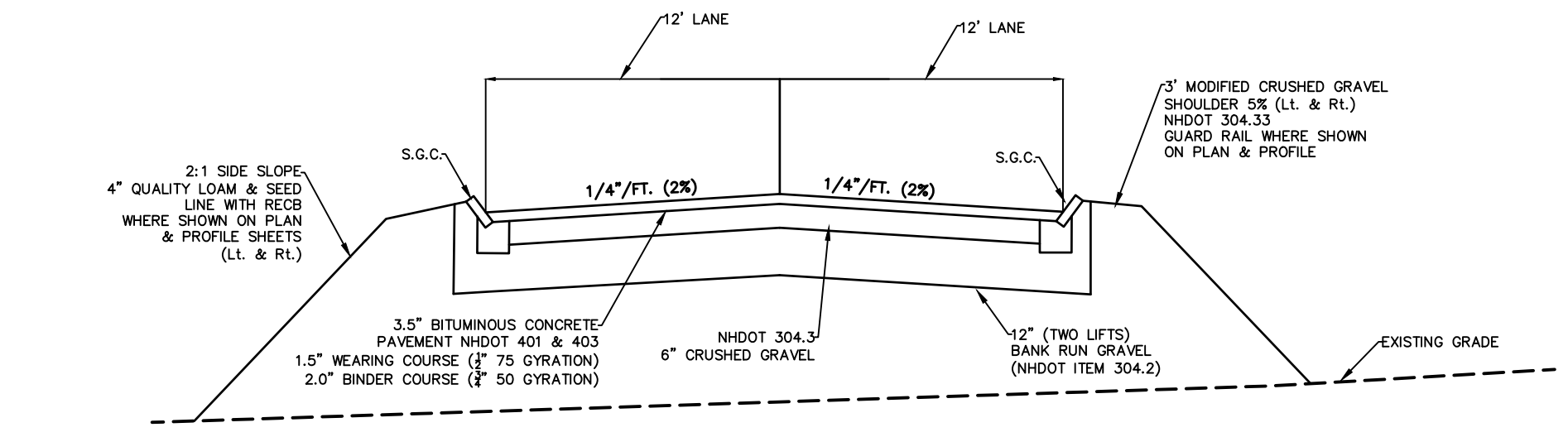
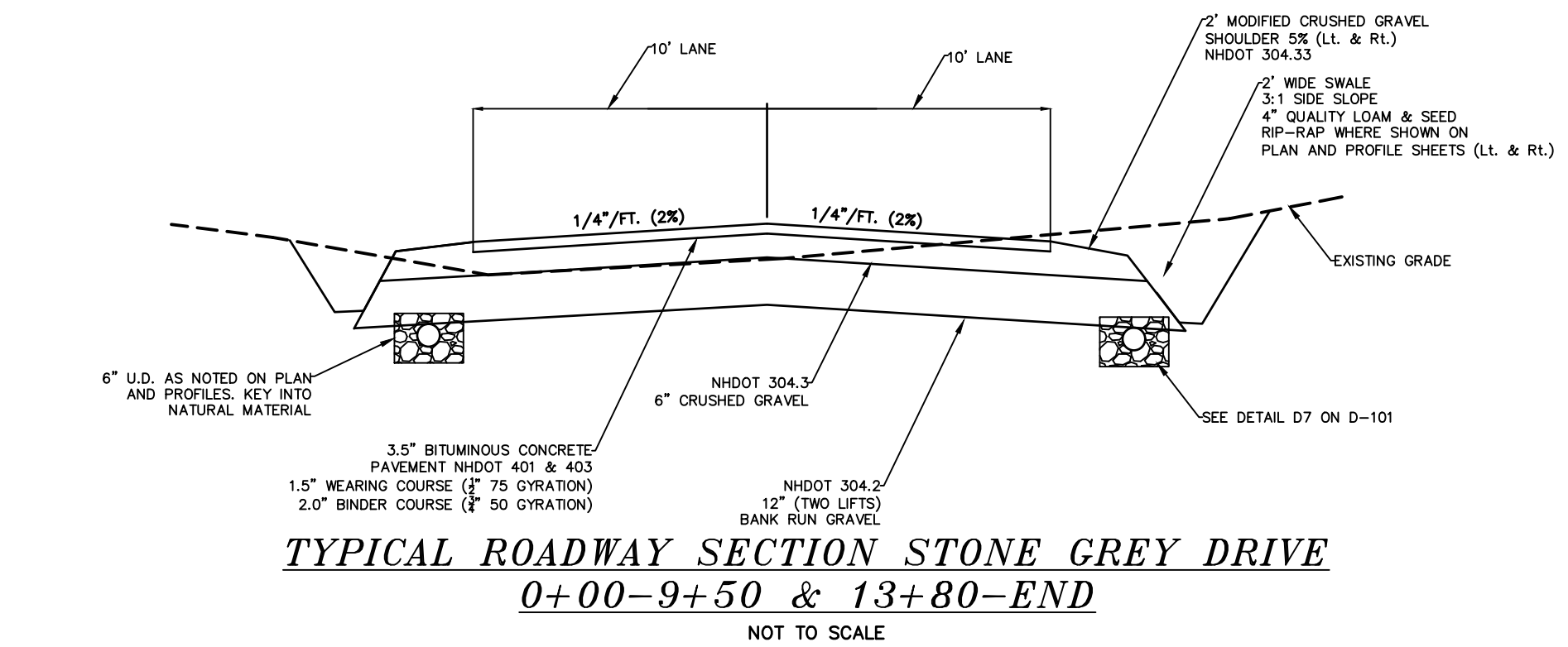


C10



**FIRE CISTERN DETAIL**  
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C11

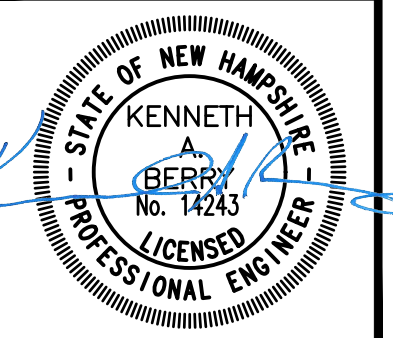


- CROSS SECTION NOTES**
1. ALL ROADWAY FILL TO BRING ROAD TO SUBGRADE SHALL BE INSTALLED IN LIFTS NO GREATER THAN 12".
  2. ALL FILL SHALL BE COMPACTED UNTIL 95% MAXIMUM DRY DENSITY IS ACHIEVED IN ACCORDANCE WITH AASHTO T99. COMPACTION TESTS TO BE CONDUCTED AT THE START OF THE PROJECT AND NO FURTHER THAN 100 FEET APART.
  3. GUARD RAIL REQUIRED AS NOTED ON PLAN & PROFILE SHEETS.
  4. TEST PITTING WAS DONE WITHIN THE ROADWAY ALIGNMENT BY JOHN P. HAYES III, CSS, CWS, AND NO UNSUITABLE MATERIALS WERE ENCOUNTERED IN THOSE TEST PITS. CONTRACTOR TO REVIEW LEDGE DEPTHS IN PROFILE.
  5. ALL UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE ROAD BED. THE ROAD BED IS DEFINED AS THE LIMITS OF THE ROADWAY INCLUDING THE ARE ONE (1) FOOT BEYOND THE SHOULDERS, DITCHES, OR TOE OF FILL SLOPE.
  6. COMPACTED SUBGRADE - CONTRACTOR SHALL SCARIFY SUBGRADE TO A DEPTH OF 30 INCHES BELOW F-GRADE. ALL STONES GREATER THAN 6" IN DIAMETER SHALL BE REMOVED FROM THE SCARIFIED LAYER. ANY IMPORTED FILL SHALL BE FREE OF ORGANICS AND FROST AND SHALL HAVE NO ROCKS LARGER THAN 6" IN DIAMETER. FILL MATERIAL SHALL BE APPROVED BY THE TOWNS AGENT AND/OR THE TOWNS ENGINEER.
  7. 304.4 TO NOTE NHDOT STANDARD.
  8. UNDERDRAIN IS REQUIRED IN PORTIONS OF THE ROADWAY. SEE GRADING PLAN AND PROFILES FOR LOCATIONS AND DEPTHS.

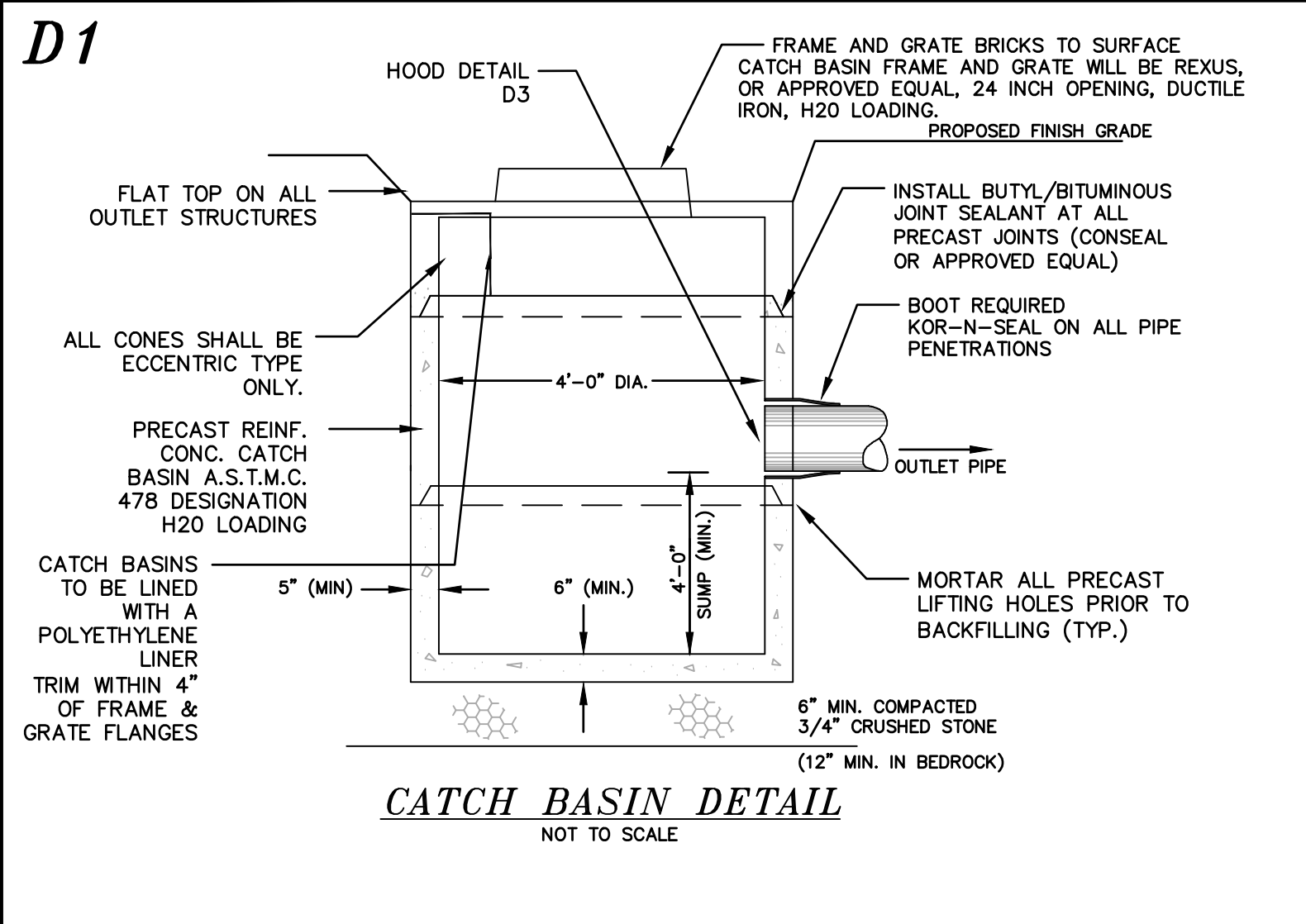
| REVISION | DATE    | DESCRIPTION                          |
|----------|---------|--------------------------------------|
| #1       | 4-29-20 | REVISED PER NOTTINGHAM STAFF COMMENT |

CONSTRUCTION DETAILS  
 LAND OF  
 ROBERT L. DIBERTO  
 MITCHELL ROAD  
 NOTTINGHAM, NH  
 TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
 335 SECOND CROWN POINT ROAD  
 BARRINGTON, NH 03825 (603)332-2863  
 AS NOTED  
 DATE : MARCH 16, 2020  
 FILE NO. : DB 2018 - 125







### D2 Rexus Ductile Iron Frame & Cover

**Manhole Castings L-1**

REXUS ductile cover bases a unique spring bar locking mechanism and option to be used for the frame. The improved security, additional locking system are available in ductile iron, cast iron, or stainless steel. Rexus offers a variety of sizes and finishes. Rexus offers a variety of sizes and finishes. Rexus offers a variety of sizes and finishes.

**Highlights:**

- Ductile base
- Spring bar locking
- Available in 24" opening
- Hinged cover
- Cover with 90° locking mechanism
- Smooth H2O loading
- Optional locking frames
- Independently certified

**REXUS Anti-Theft Cover Locks**

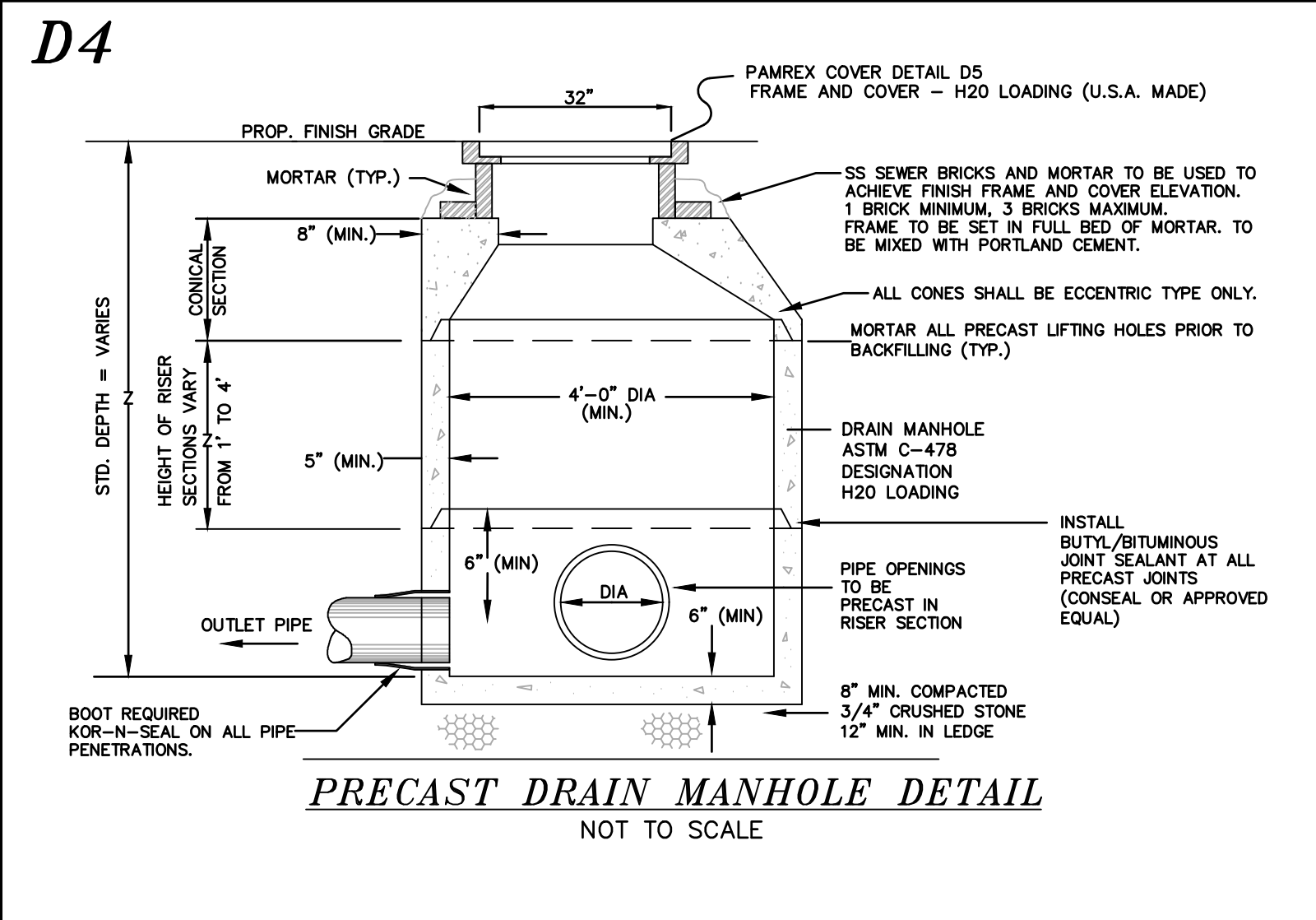
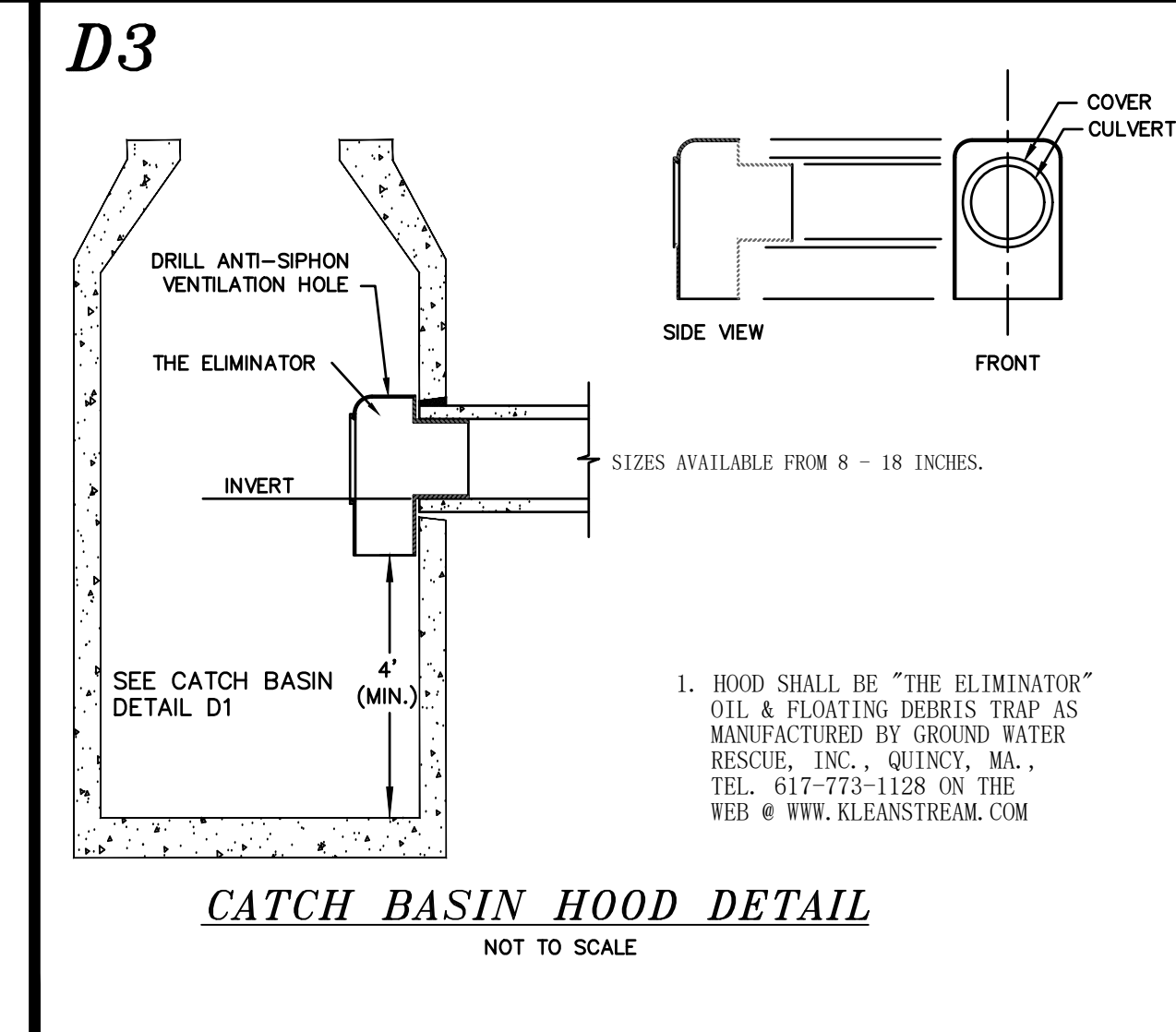
**Pent Locking Kit:**

- To be used in conjunction with an approved lock
- To be used in the center of the locking hole
- One use installation when dry concrete
- Search for kit in compliance with the manufacturer's regulations
- Lock used for the prevention of tampering with the cover

**Specifications:**

Manhole cover and frame shall be casted 80/20 or as approved. Cover and frame shall be manufactured from ductile iron and be 7" pipe nominal and 105 lbs weight. Cover shall be independently certified. Cover shall be one-piece casted using standard ductile iron. Cover shall be casted with a 1/2" thick flange. The cover shall be casted with a 1/2" thick flange. The cover shall be casted with a 1/2" thick flange. The cover shall be casted with a 1/2" thick flange.

**CATCH BASIN GRATE**  
NOT TO SCALE



### D5 Pamrex Ductile Iron Frame & Cover

**Manhole Castings L-2**

Designed to handle the rigors of modern traffic conditions, PAMREX, with a load bearing strength of 220,000 lbs. is the most durable manhole casting available. Available in 24" and 36" diameters. The rigid design ensures it is not distorted under load. The use of a tapered top edge allows the cover to be lifted with a single hand. All covers are finished with a smooth, slip resistant finish. The cover is finished with a smooth, slip resistant finish. The cover is finished with a smooth, slip resistant finish.

**Features:**

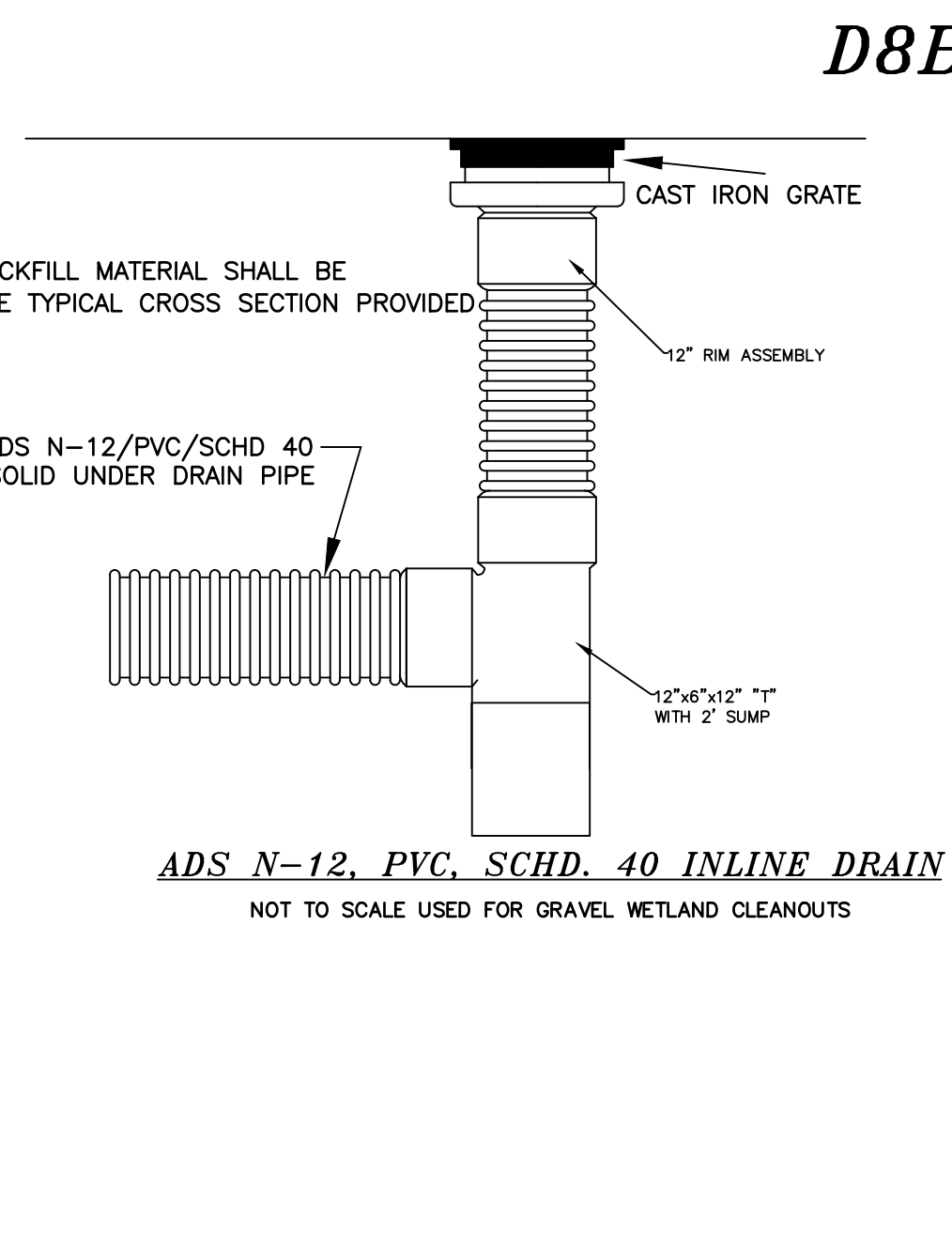
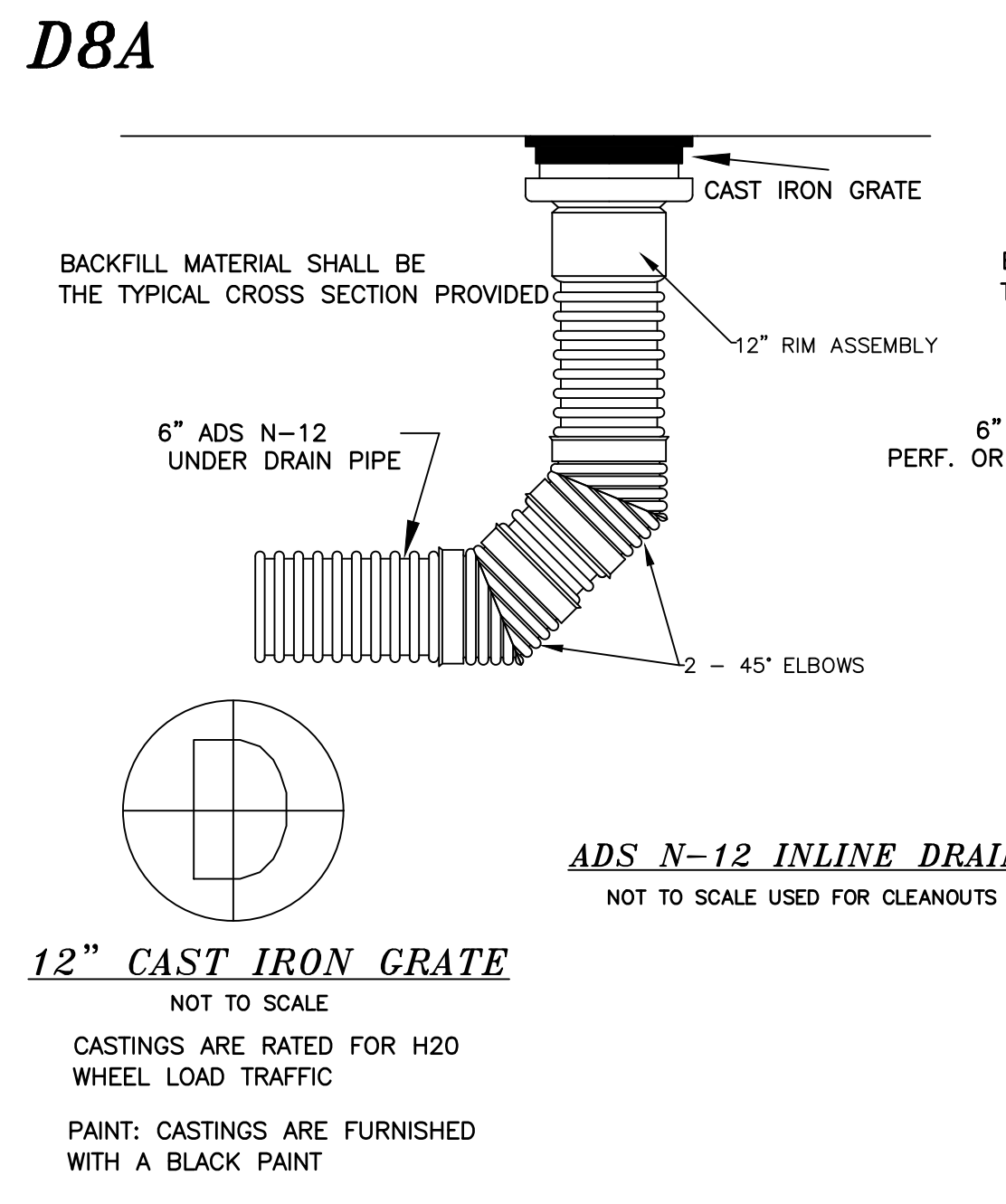
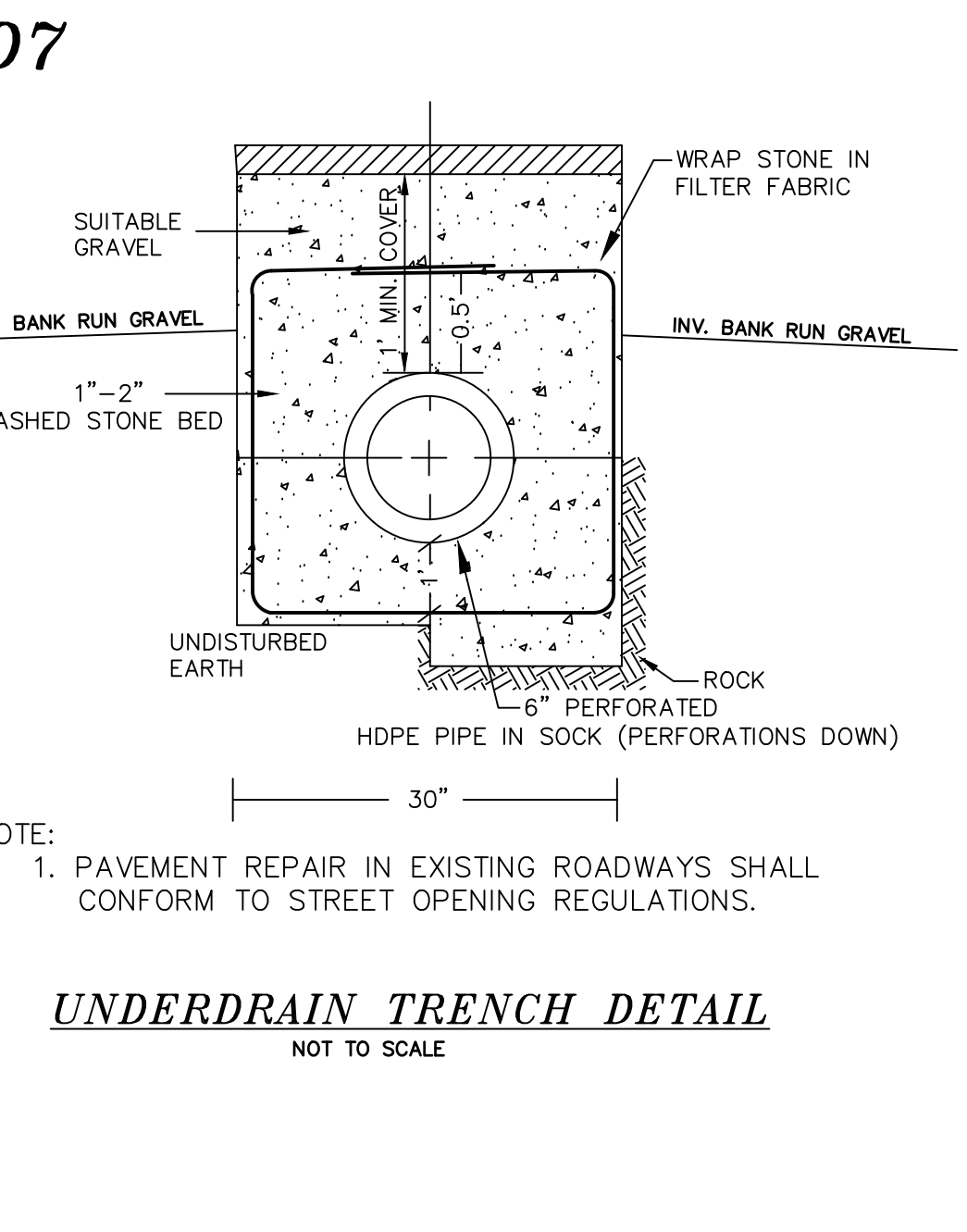
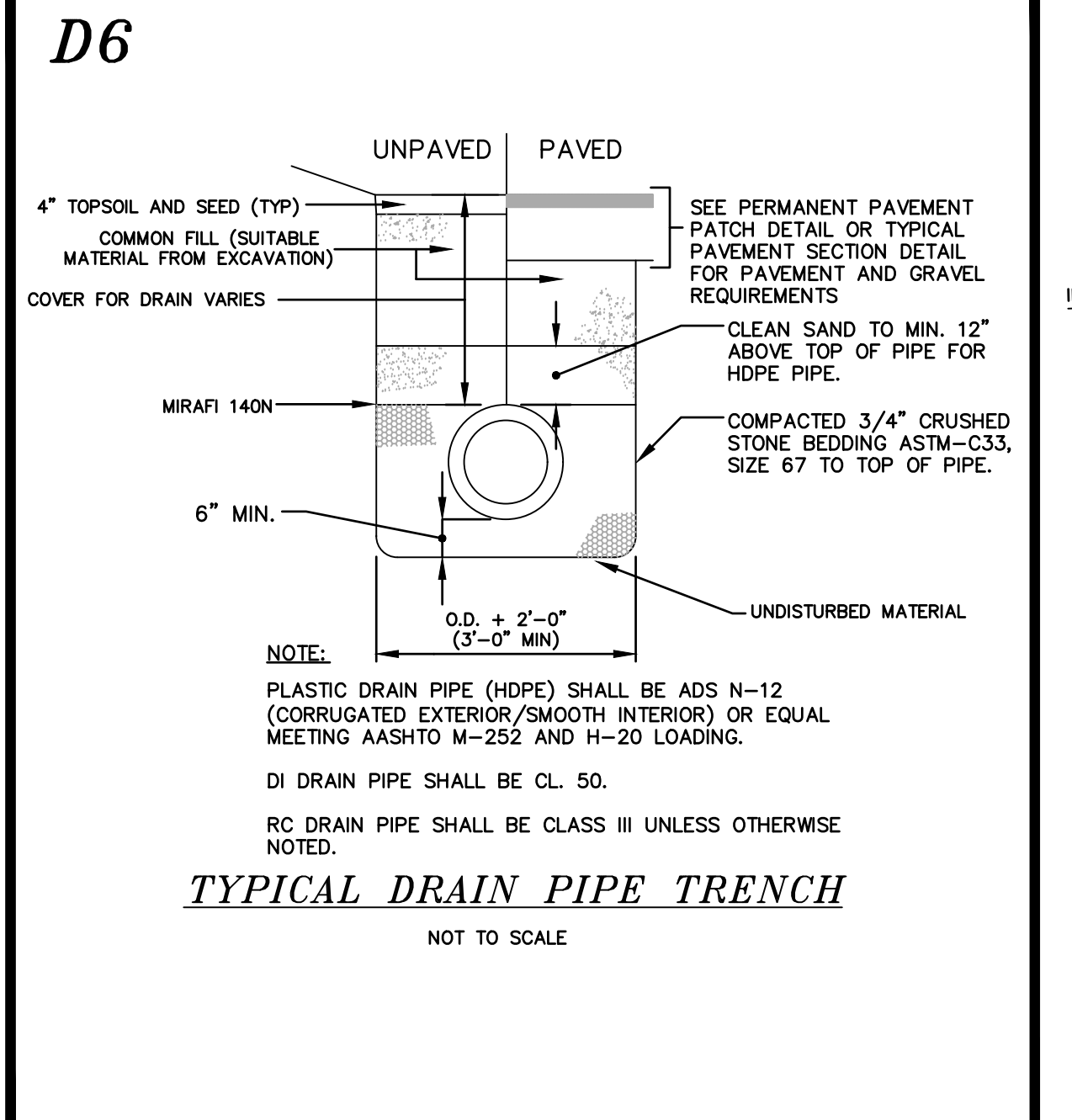
- Ductile iron
- Available in 24" and 36" opening
- Hinged cover
- Optional locking frames
- Independently tested and certified
- PAMREX covers are available in stainless steel. Contact your local distributor for more information.

**Specifications:**

Manhole cover and frame shall be casted PAMREX or approved equal. Cover and frame shall be manufactured from ductile iron and be 7" pipe nominal and 105 lbs weight. Cover shall be independently certified. Cover shall be one-piece casted using standard ductile iron. Cover shall be casted with a 1/2" thick flange. The cover shall be casted with a 1/2" thick flange. The cover shall be casted with a 1/2" thick flange. The cover shall be casted with a 1/2" thick flange.

**DRAIN MAN HOLE FRAME AND GRATE WILL BE PAMREX, OR APPROVED EQUAL, 24 INCH OPENING, DUCTILE IRON, H2O LOADING.**

**DRAIN MANHOLE COVER DETAIL**  
NOT TO SCALE



### D9 ADS N-12 FLARED END SECTIONS

NOT TO SCALE (ALL DIMENSIONS ARE NOMINAL)

| PART No. | PIPE SIZE | A     | B(MAX) | H    | L   | W   |
|----------|-----------|-------|--------|------|-----|-----|
| 1510-NP  | 15"       | 6.5"  | 10"    | 6.5" | 25" | 29" |
| 1810-NP  | 18"       | 7.5"  | 15"    | 6.5" | 32" | 35" |
| 2410-NP  | 24"       | 7.5"  | 18"    | 6.5" | 36" | 45" |
| 3010-NP  | 30"       | 10.5" | N/A    | 7.0" | 53" | 68" |
| 3610-NP  | 36"       | 10.5" | N/A    | 7.0" | 53" | 68" |

NOTE: PE THREADED ROD W/ WING NUTS PROVIDED FOR END SECTIONS 15"-24". 30" & 36" END SECTIONS TO BE WELDED PER MANUFACTURER'S RECOMMENDATIONS.

**ADS N-12 FLARED END SECTIONS**  
NOT TO SCALE (ALL DIMENSIONS ARE NOMINAL)

PE THREADED ROD W/ WING NUTS (SEE NOTE)  
RIGHT SIDE VIEW  
FRONT VIEW  
TOP VIEW

### D10 HEADWALL (CONCRETE)

NOT TO SCALE

DIMENSION SCHEDULE

| PIPE DIA | A   | B   | C   | D   | E   | F   | G    | APPROX. WEIGHT |
|----------|-----|-----|-----|-----|-----|-----|------|----------------|
| 12"      | 36" | 30" | 54" | 40" | 36" | 22" | 78"  | 5445 LBS.      |
| 15"      | 48" | 30" | 60" | 45" | 37" | 22" | 82"  | 6400 LBS.      |
| 18"      | 48" | 30" | 60" | 45" | 37" | 22" | 82"  | 6400 LBS.      |
| 24"      | 60" | 36" | 64" | 48" | 42" | 26" | 112" | 7250 LBS.      |
| 30"      | 72" | 36" | 72" | 54" | 42" | 26" | 124" | 9276 LBS.      |
| 36"      | 78" | 48" | 78" | 60" | 48" | 35" | 144" | 11623 LBS.     |
| 48"      | 84" | 48" | 90" | 66" | 54" | 35" | 150" | 12402 LBS.     |

SPECIAL SIZES NOT LISTED CAN BE MADE UPON REQUEST

Notes:  
• ALL EXPOSED EDGES TO HAVE 1" BEVELED CORNERS  
• APPROV BY CONTRACTOR IN FIELD  
• REINFORCING - NO. 4 BARS AT 12" O.C.E.W.  
• CONCRETE TO TEST 4000 PSI @ 28 DAYS

Precast Concrete Sales Co.  
123 Route 303 Valley Cottage, N.Y. 10989  
Tel. (845) 268-6949 - Fax (845) 268-4376

WINGWALL WITH FOOTING  
DATE: 1/16 DRAWN BY: CLASSIC DESIGN DRAWING NO.: 9-3

### D11 STONE LINED SEDIMENT TRAP

NOT TO SCALE

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

ISOMETRIC VIEW  
CROSS SECTION  
3.0' (MIN.)  
STABLE OUTLET  
WIDTH AND LENGTH DEPENDANT ON CONTRIBUTING AREA EXCAVATION SECTION IS PREFERRED OVER A BERMED SECTION

| SIEVE DESIGNATION | SIZE OF STONE (INCHES) |
|-------------------|------------------------|
| 100%              | 12                     |
| 84-100%           | 6                      |
| 68-83%            | 3                      |
| 42-55%            | 1                      |
| 8-12%             | NO. 4                  |

**STONE LINED SEDIMENT TRAP**  
NOT TO SCALE

### BERRY SURVEYING & ENGINEERING

335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863

AS NOTED  
DATE: MARCH 16, 2020  
FILE NO.: DB 2018 - 125

STATE OF NEW HAMPSHIRE  
KENNETH BERRY  
No. 14243  
LICENSED PROFESSIONAL ENGINEER

**D-101**  
SHEET 48 OF 49

| #1 | REVISION | DATE | DESCRIPTION                          |
|----|----------|------|--------------------------------------|
|    | 4-29-20  |      | REVISED PER NOTTINGHAM STAFF COMMENT |



### D12 ANGLE GRATE

NOT TO SCALE

NOTE:  
MUST BE HAALA INDUSTRIES INC.  
OR EQUAL.

#### Angle Grates For Manholes



AG0808-58  
Part No. AG0808-58

Save Trees

Angle Grates are designed to cover inlet orifices and prevent small to medium debris from passing through. The top angled design helps to minimize the amount of debris that settles on top after the water recedes. All grates are made from plate for a clean and smooth contact surface.

- Plate design for a clean appearance
- Standard 2" openings (other sizes can be made)
- Angled top/front plate to maximize debris deflection
- Mounting flanges on 3 sides allows grate to be mounted at floor level
- Inverts
- Galvanized steel construction. Can be made from aluminum or stainless steel.

### D13 CONE GRATE

NOT TO SCALE

NOTE:  
MUST BE HAALA INDUSTRIES INC.  
OR EQUAL.

#### Cone Grates Top Mount



CG12TM  
Part No. CG12TM

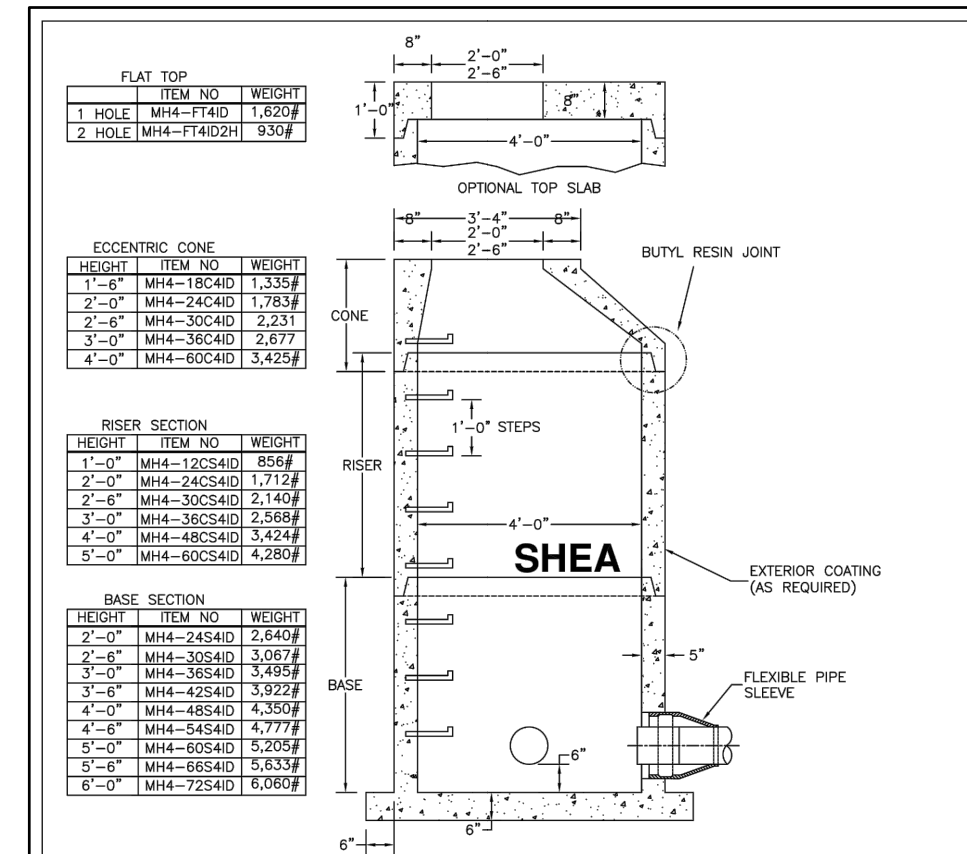
Save Trees

Top Mount Cone Grates are designed to mount on the top of round manhole inlet or outlet structures to keep debris from entering the storm water system. Top mount cone grates are easy to install and allow for at grade manhole installations but can be used in a variety of applications. Grates 90" and larger are made as a two piece, bolt together design.

- Plate and bar hybrid design is both clean and cost effective
- Made from 1/2" plate with 3/4" or 1" round bars depending on grate size
- Anti vortex plate can be added upon request
- Hinged and lockable access doors can be added upon request
- Galvanized steel construction. Can be made from aluminum or stainless steel.

### D14 48" MANHOLE ROUND EXTENDED BASE

NOT TO SCALE



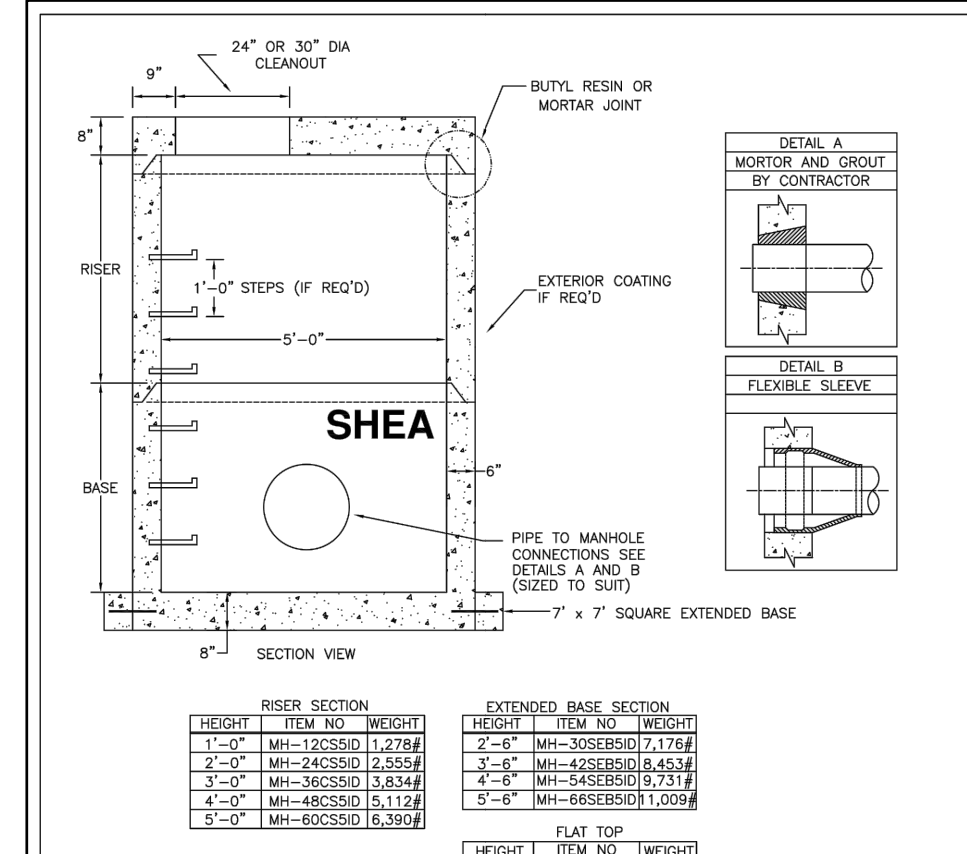
NOTES:  
1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS  
2. REINFORCED STEEL CONFORMS TO LATEST ASTM A185 SPEC. 0.15 SQ. IN./LINEAL FT. AND 0.12 SQ. IN. (EACH INCH) BASE BOTTOM.  
3. H-20 DESIGN LOADING PER AASHTO HS-20-44; ASTM C418 SPEC FOR PRECAST REINFORCED CONCRETE MANHOLE SECTIONS.  
4. BUTYL RESIN JOINT CONFORMS TO LATEST ASTM C443 SPEC.  
5. STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP CONFORMS TO LATEST ASTM C478 SPEC.

MANHOLE 48" DIA  
EXTENDED BASE

Page: 02.12

### D15 60" MANHOLE RECTANGLE EXTENDED BASE

NOT TO SCALE



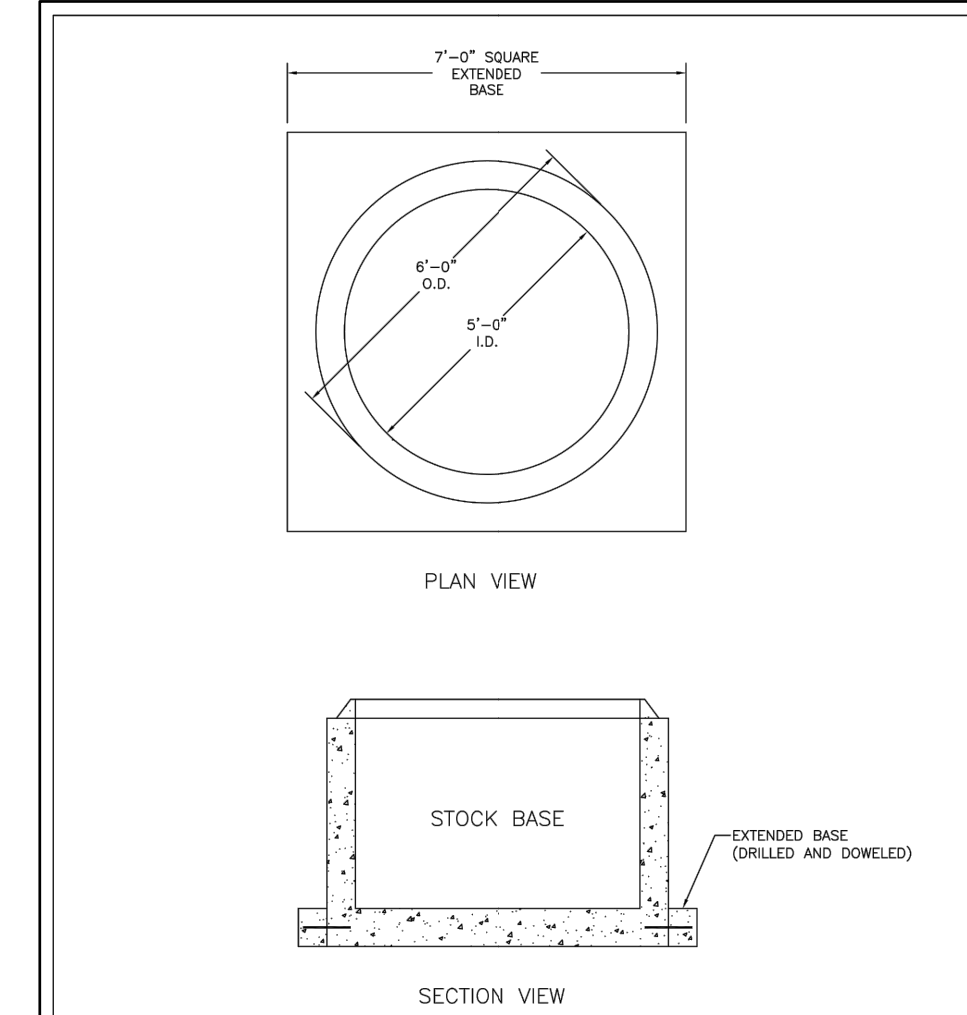
NOTES:  
1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS  
2. REINFORCED STEEL CONFORMS TO LATEST ASTM A185 SPEC. 0.15 SQ. IN./LINEAL FT. AND 0.15 SQ. IN. (EACH INCH) BASE BOTTOM.  
3. H-20 DESIGN LOADING PER AASHTO HS-20-44; ASTM C418 SPEC FOR PRECAST REINFORCED CONCRETE MANHOLE SECTIONS.  
4. BUTYL RESIN JOINT CONFORMS TO LATEST ASTM C443 SPEC.  
5. STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP CONFORMS TO LATEST ASTM C478 SPEC.

MANHOLE 60" DIA  
EXTENDED BASE (DETAIL)

Page: 03.12

### D16 60" MANHOLE RECTANGLE EXTENDED BASE

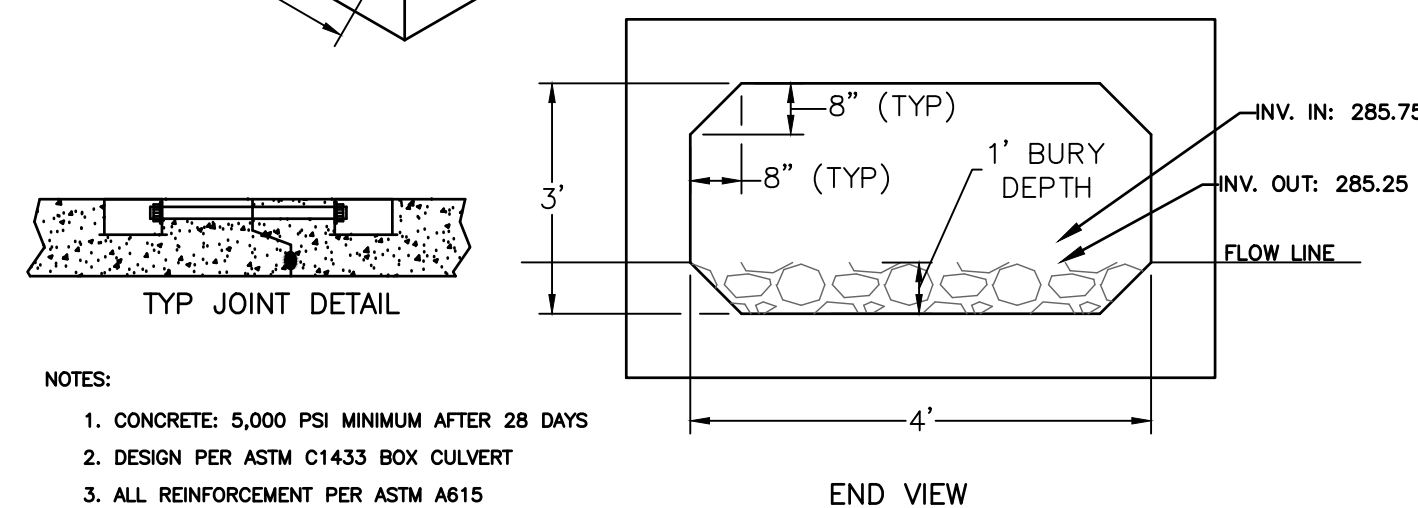
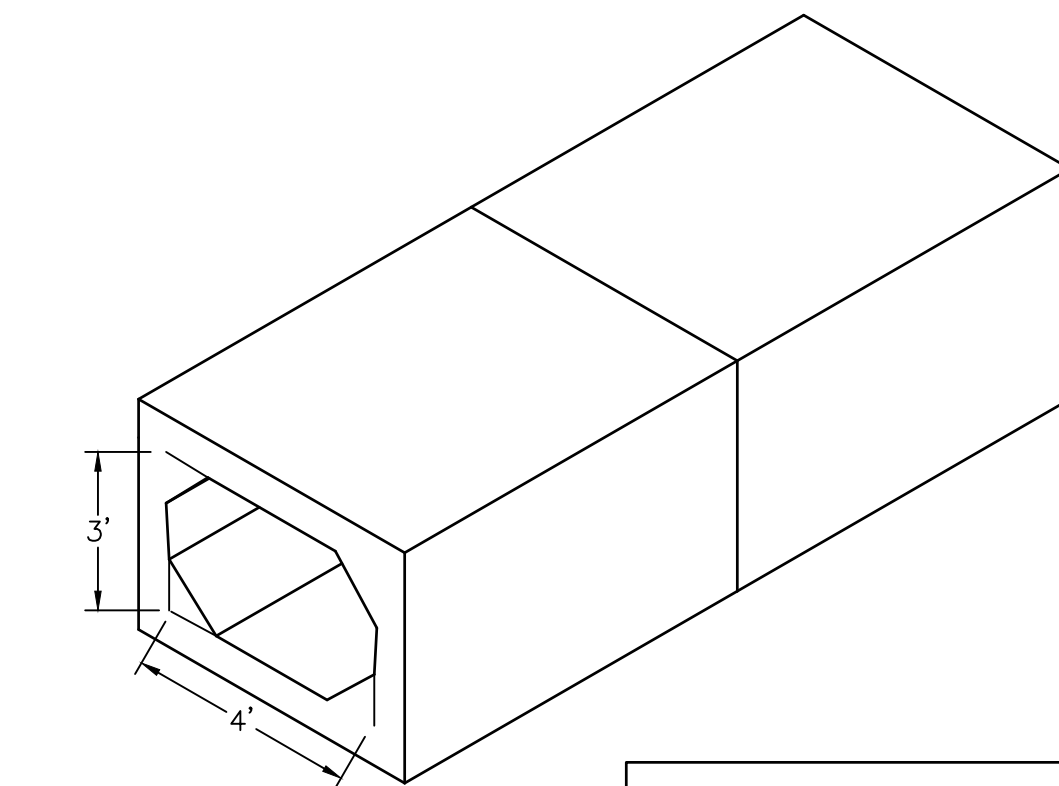
NOT TO SCALE



MANHOLE 60" DIA  
EXTENDED BASE (CUT SHEET)

Page: 03.12

### D17

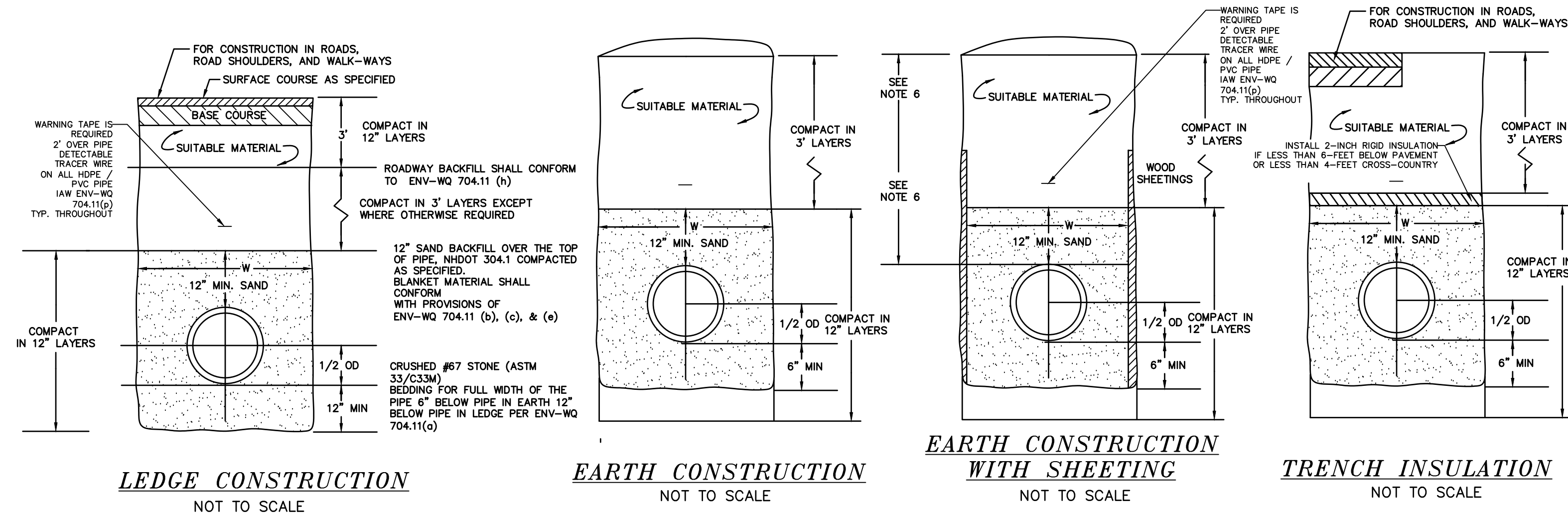


NOTES:  
1. CONCRETE: 5,000 PSI MINIMUM AFTER 28 DAYS  
2. DESIGN PER ASTM C1433 BOX CULVERT  
3. ALL REINFORCEMENT PER ASTM A615  
4. DESIGNED FOR AASHTO HS-20 LOADING  
5. MUST BE SHEA CONCRETE OR EQUAL  
6. HEADWALLS ARE TO BE INSTALLED PER GRADING PLAN. DESIGNED FOR LOADS/SIZES AS NEEDED

#### BOX CULVERT DETAIL

NOT TO SCALE

### D18



#### LEDGE CONSTRUCTION

NOT TO SCALE

#### EARTH CONSTRUCTION

NOT TO SCALE

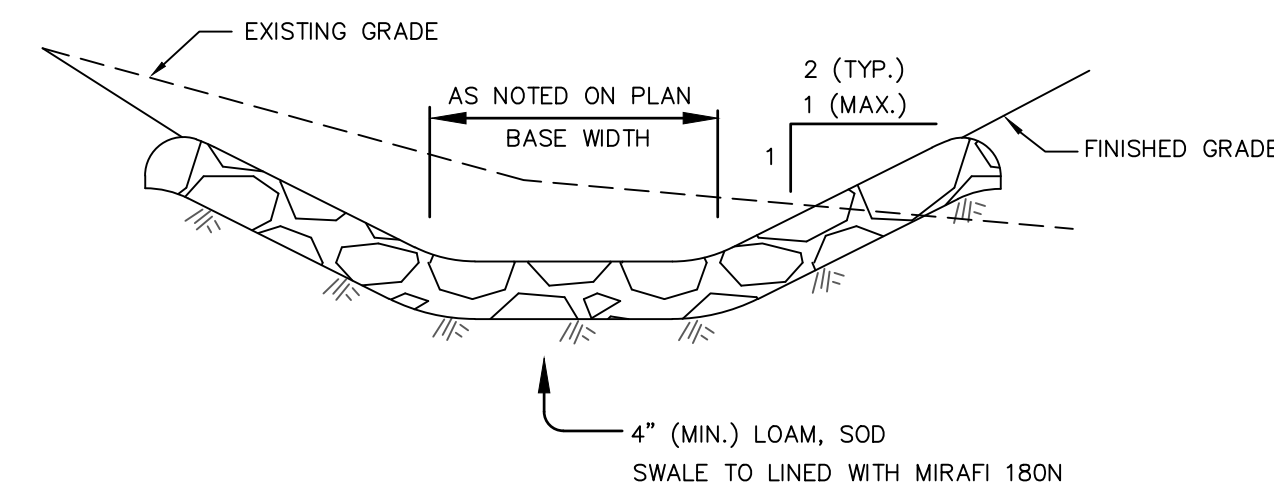
#### EARTH CONSTRUCTION WITH SHEETING

NOT TO SCALE

#### TRENCH INSULATION

NOT TO SCALE

### D19

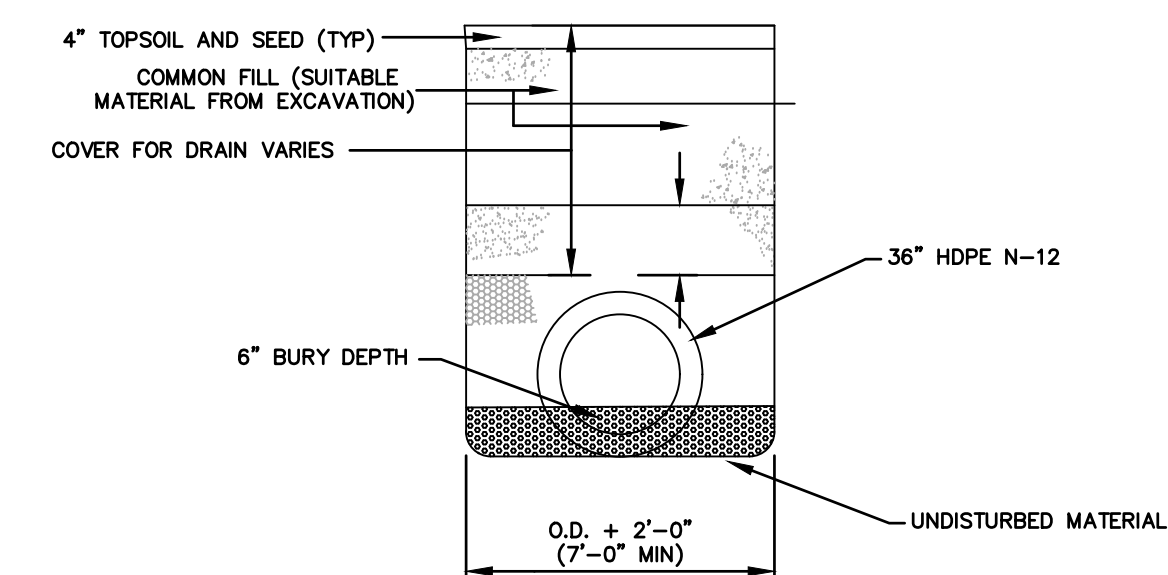


NOTES:  
1.) INSTALL CHECK TEMPORARY SILT SOXX CHECK DAM UNTIL SWALES ARE STABILIZED  
2.) SEE GRADING PLAN FOR DEGRADATION AND THICKNESS

#### RIP-RAP LINED SWALE

NOT TO SCALE

### D19



NOTE:  
PLASTIC DRAIN PIPE (HDPE) SHALL BE ADS N-12 (CORRUGATED EXTERIOR/SMOOTH INTERIOR) OR EQUAL MEETING AASHTO M-252 AND H-20 LOADING.

|                                      |             |
|--------------------------------------|-------------|
| REVISED PER NOTTINGHAM STAFF COMMENT | DESCRIPTION |
| 4-29-20                              | DATE        |
| #1                                   | REVISION    |

DRAINAGE DETAILS  
LAND OF  
ROBERT L. DIBERTO  
MITCHELL ROAD  
NOTTINGHAM, NH  
TAX MAP 7, LOT 1N

BERRY SURVEYING & ENGINEERING  
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