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* NEXT TO PLAN INDICATES IT IS TO BE RECORDED.
 ALL PLANS ARE TO BE ON FILE AT THE TOWN OF NOTTINGHAM

OWNER: DOMUS DEVELOPERS INC.
 11 WHITEHORSE DRIVE
 RYE, NH 03870

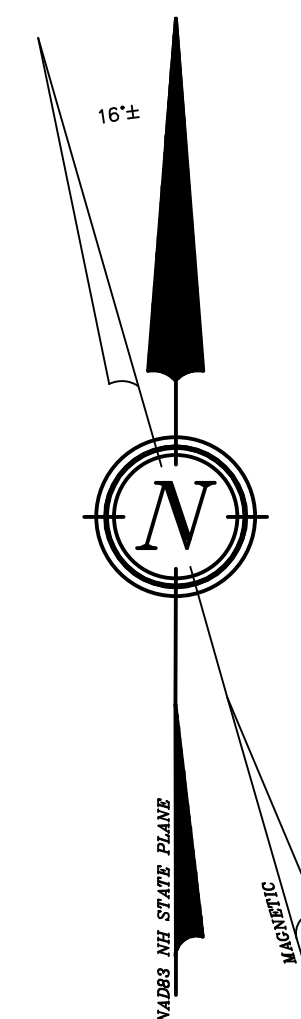
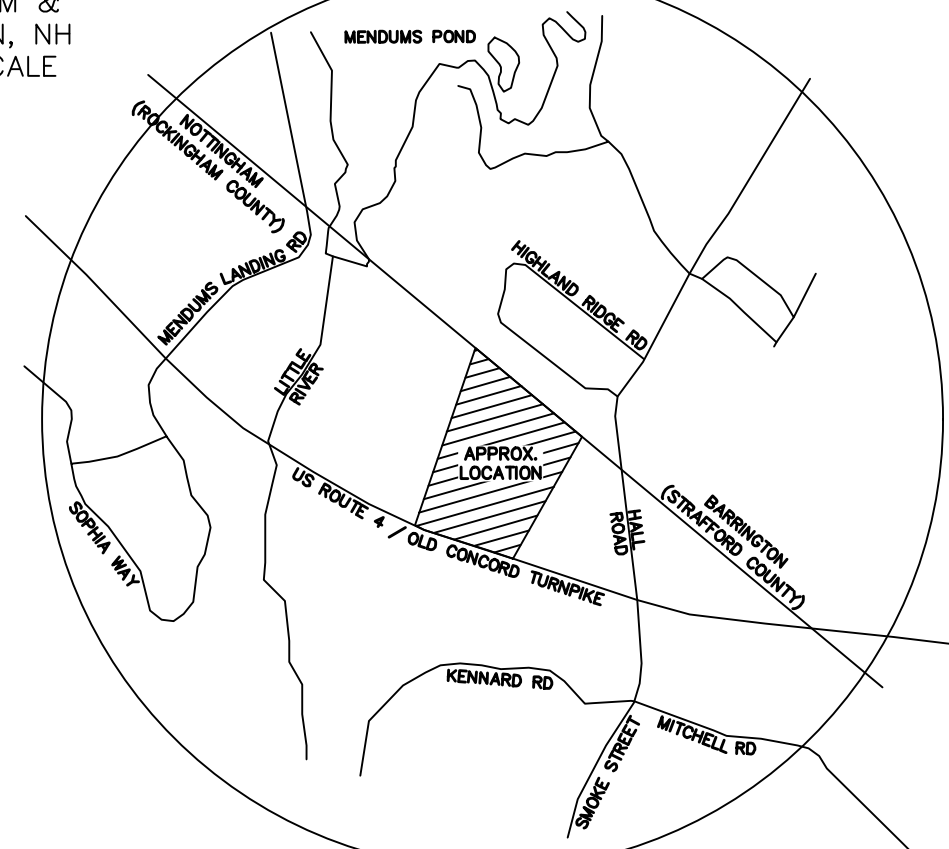
APPLICANT: DOMUS DEVELOPERS INC.
 11 WHITEHORSE DRIVE
 RYE, NH 03870

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

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

WETLAND SCIENTIST & SOIL SCIENTIST: STONEY RIDGE ENVIRONMENTAL
 CYNTHIA M. BALCIUS, CSS, CWS, CPESC
 229 PROSPECT MOUNTAIN ROAD
 ALTON, NH 03809
 (603) 776-5825

LOCATION PLAN
 NOTTINGHAM & BARRINGTON, NH
 NOT TO SCALE



RESIDENTIAL SITE REVIEW LAND OF DOMUS DEVELOPERS INC. OLD TURNPIKE ROAD NOTTINGHAM, N.H. TAX MAP 6, LOT 22

NOTTINGHAM
 APPROVED
 PLANNING BOARD

DATE

REQUIRED PERMITS:

- 1.) NHDES SUBDIVISION APPROVAL: (eSA2020090103)
- 2.) NHDES WETLANDS IMPACT PERMIT: (2019-02920)
- 3.) EPA NOTICE OF INTENT / SWPPP: (NHR10012J)
- 4.) NATURAL HERITAGE BUREAU: (FILE #18-3821)
- 5.) DIVISION OF HISTORICAL RECOURSES: (10629)
- 6.) NHDES ALTERATION OF TERRAIN PERMIT: (AoT-1853)
- 7.) NHDOT DRIVEWAY PERMIT: (06-351-368)

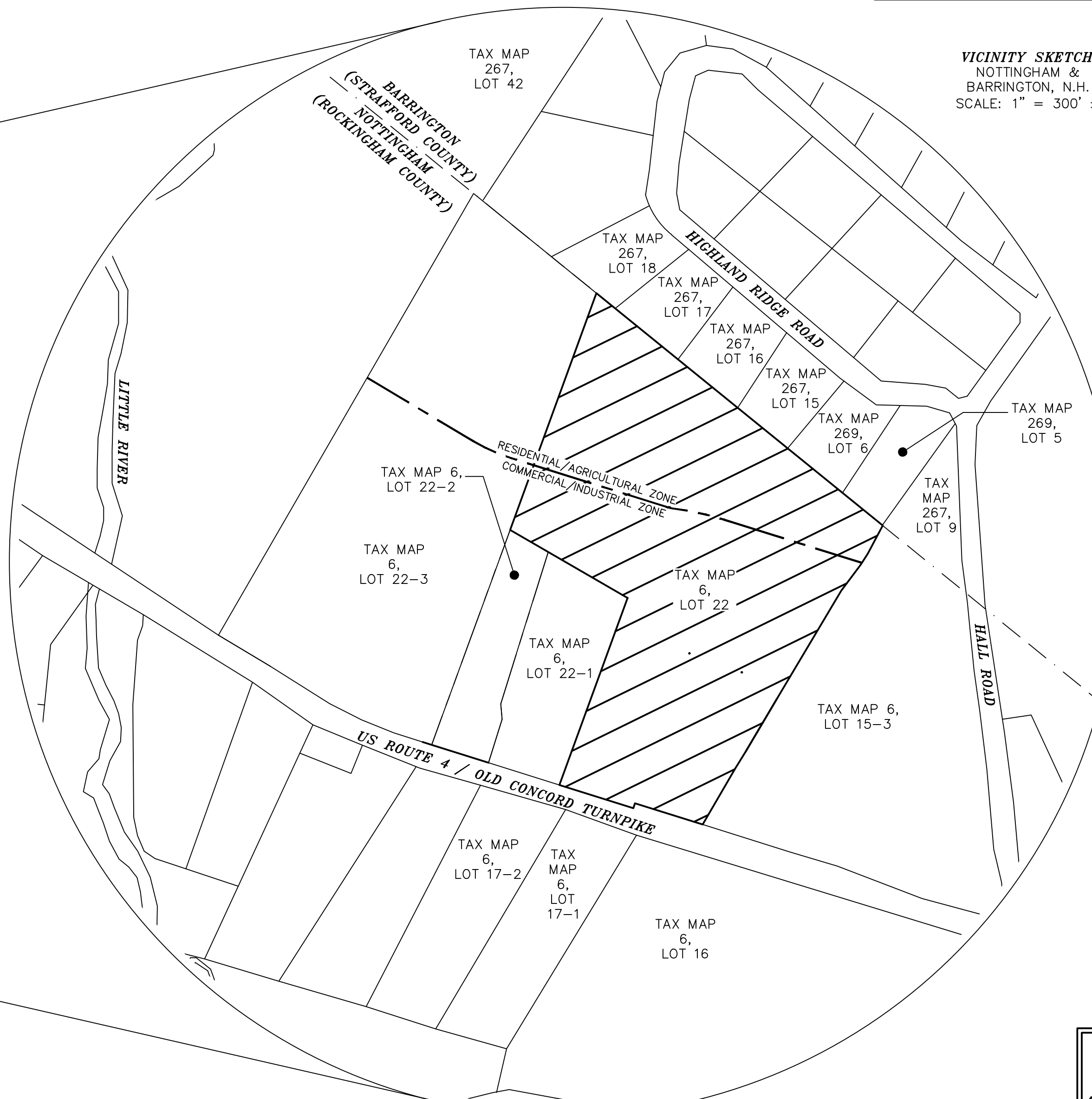
GENERAL PLAN SET NOTES:

- 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 SITE 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.

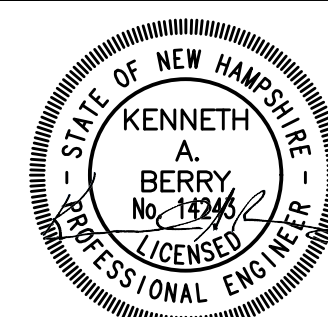
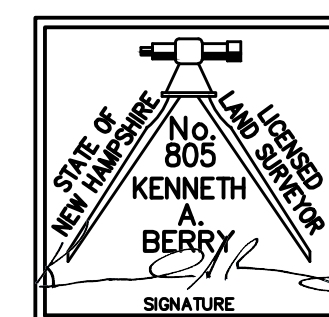


VICINITY SKETCH
 NOTTINGHAM & BARRINGTON, N.H.
 SCALE: 1" = 300' ±

#	REVISION	DATE	DESCRIPTION
#6	11-24-20		REVISED PER CONDITIONS OF APPROVAL
#5	11-23-20		REVISED PER NHDES COMMENT
#4A	8-17-20		REVISED PER NHDOT COMMENT
#3A	5-26-20		REVISED FOR AoT RFM

RESIDENTIAL SITE REVIEW
 LAND OF
 DOMUS DEVELOPERS INC.
 ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE : AS SHOWN
 DATE : JUNE 3, 2019
 FILE NO. : DB 2018 - 030



ABBREVIATION LEGEND:

B.C.C.	BITUMINOUS CONCRETE CURB
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
RCP	REINFORCED CONCRETE PIPE
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
---	ZONING DISTRICT LINE
---	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
448A	SOIL SERIES
CsB	NRCS SOIL LABEL
R.C.R.D.	ROCKINGHAM COUNTY REGISTRY OF DEEDS
S.C.R.D.	STRAFFORD COUNTY REGISTRY OF DEEDS
TYP.	TYPICAL
FND	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
---	CONTOUR MINOR, PROPOSED
---	CONTOUR MAJOR, PROPOSED
---	DRAIN CULVERT W/ FLARED END SECTION (F.E.S.)
---	SHOULDER
---	CENTER LINE
---	CLEAR ZONE LINE
---	BUILDING SETBACK LINE
---	SUBDIVISION BOUNDARY LINE
---	75' PROTECTIVE WELL RADIUS (NHDES)
---	TRANSFORMER / J.BOX
---	UNDERGROUND UTILITY
---	UNDER DRAIN
---	SILT FENCE / EROSION MIX BERM
---	FILTREXX B" - 12" SILT SOXX AS SPECIFIED
---	ORANGE CONSTRUCTION PERIMETER FENCE
---	NRCS SOIL DELINEATION
---	SOIL TYPE
---	RIP RAP
---	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)

SBL () ~ [SIZE] SINGLE SOLID W/ BROKEN LINE (COLOR W=WHITE, Y=YELLOW)

DBL () ~ [SIZE] DOUBLE SOLID LINE (COLOR W=WHITE, Y=YELLOW)

DBL () ~ [SIZE] DOUBLE BROKEN LINE (COLOR W=WHITE, Y=YELLOW)



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

SIGN ID NUMBER	SIGN SIZE (WIDTH x HEIGHT)	SIGN	TEXT DIMENSIONS	NO. OF SIGNS	BACKGROUND	LEGEND	BORDER	POST SIZE & QUANTITY
R1-1	30"x30"	STOP	SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT - FHWA	1	RED	WHITE	WHITE	SQUARE (1)
R2-1	24"x30"	SPEED LIMIT 25	SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT - FHWA	1	WHITE	GREEN	GREEN	SQUARE (1)
R8-31	12"x18"	NO PARKING FIRE LANE	SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT - FHWA	2	WHITE	RED	RED	SQUARE (2)
W14-2	30"x30"	NO OUTLET	SEE STANDARD HIGHWAY SIGNS 2004 EDITION PUBLISHED BY USDOT - FHWA	1	YELLOW	BLACK	BLACK	SQUARE (1)

ABUTTERS WITHIN 200':

N/F LANDRY, DAVID & DINA
114 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 1964, PAGE 453
TAX MAP 267, LOT 15

N/F MERCIER, DAVID & LORRAINE
96 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 2249, PAGE 749
TAX MAP 267, LOT 16

N/F WHITEMAN, JASON T.
86 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 4326, PAGE 463
TAX MAP 267, LOT 17

N/F NEVISH, KEITH & DEBBIE
84 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 1972, PAGE 190
TAX MAP 267, LOT 18

N/F KEARNEY, FAYE & KEVIN
80 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 3722, PAGE 524
TAX MAP 267, LOT 19

ABUTTERS WITHIN 200' CONT'D:

N/F AL-HOJERRY, KEENAN
7 SINCLAIR DRIVE
EXETER, NH 03833
S.C.R.D. BOOK 4452, PAGE 364
TAX MAP 269, LOT 4

N/F LAMONTAGNE, JOHN & RUTH
124 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 1584, PAGE 749
TAX MAP 269, LOT 6

N/F SCERBINSKI, JARED
122 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 4076, PAGE 394
TAX MAP 269, LOT 6

ABUTTERS WITHIN 200' CONT'D:

N/F PLANTE, BRIAN J.
42 OLD TURNPIKE ROAD
NOTTINGHAM, NH 03290
R.C.R.D. BOOK 5266, PAGE 685
TAX MAP 6, LOT 19

N/F STATE OF NEW HAMPSHIRE
DES WATER RESOURCES DIVISION
PO BOX 95
CONCORD, NH 03302
TAX MAP 6, LOT 21

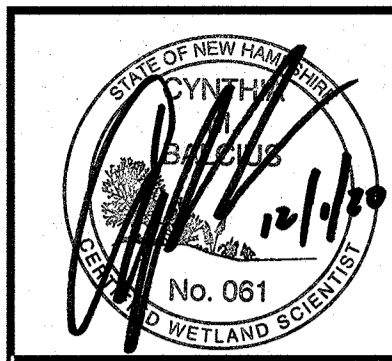
N/F DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
R.C.R.D. BOOK 5977, PAGE 2799
TAX MAP 6, LOT 22-1, 22-2 & 22-3

#6	REVISION	DATE	DESCRIPTION
11-24-20	REVISED PER CONDITIONS OF APPROVAL		
11-23-20	REVISED PER NHDES COMMENT		
8-17-20	REVISED PER NHDOT COMMENT		
5-26-20	REVISED FOR Aot RFM		

NEIGHBORHOOD PLAN
LAND OF
DOMUS DEVELOPERS INC.
ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : AS SHOWN
DATE : JUNE 3, 2019
FILE NO. : DB 2018 - 030

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
REGISTERED PROFESSIONAL ENGINEER
No. 12432



STONEY RIDGE ENVIRONMENTAL, LLC.
CYNTHIA BALCIUS, CWS #61

JURISDICTIONAL WETLANDS WERE DELINEATED BY CYNTHIA BALCIUS OF STONEY RIDGE ENVIRONMENTAL, LLC IN SEPTEMBER OF 2018 UTILIZING THE FOLLOWING STANDARDS:

- 1) FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7.0, 2010. L.M. VASILAS, G.W. HURT, AND C.V. NOBLE (EDS.). UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS.
- 2) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 3, APRIL 2004. NEWPOD WETLANDS WORKGROUP, MILFORD, MA 01867.
- 3) NORTH AMERICAN DIGITAL FLORA: NATIONAL WETLAND PLANT LIST, VERSION 2.1.0 (HTTP://WETLAND_PLANTS.USACE.ARMY.MIL). U.S. ARMY CORPS OF ENGINEERS, ENGINEERS RESEARCH AND DEVELOPMENT CENTER, OLD REGIONS RESEARCH AND ENGINEERING LABORATORY, HANOVER, NH, AND BONAP, CHAPEL HILL.
- 4) STATE OF NEW HAMPSHIRE 2014 WETLAND PLANT LIST, LICHVAR, R.W., M. BUTTERWICH, N.C. MELVIN, AND W.N. KIRCHNER, 2014. THE NATIONAL WETLAND PLANT LIST, 2014 UPDATE OF WETLAND RATINGS. PITTSBOROUGH, 2014-411-42.
- 5) CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, JANUARY 1987, WETLANDS RESEARCH PROGRAM TECHNICAL REPORT Y-87-1.
- 6) REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHEASTAL AND NORTHEAST REGION, JANUARY 2012, VERSION 2. U.S. ARMY CORPS OF ENGINEERS, ENVIRONMENTAL LABORATORY ERDC/EL TR-12-1.
- 7) CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES, DECEMBER 1978. L. COMARON, V. CARTER, F. COLETT, AND E. LAROE. US DEPARTMENT OF THE INTERIOR, FISH AND WILDLIFE SERVICE, FWS/OBS-79/31.

SOILS:

- 43B - CANTON FINE SANDY LOAM, 0 TO 8% SLOPES, VERY STONY
- 43C - CANTON FINE SANDY LOAM, 8 TO 15% SLOPES, VERY STONY
- 43D - CANTON FINE SANDY LOAM, 15 TO 25% SLOPES, VERY STONY
- 43E - CHARLTON FINE SANDY LOAM, 8 TO 15% SLOPES, VERY STONY
- 43F - NATCHAUG MUCK PEAT, 0 TO 2% SLOPES
- 43G - WAPULE VERY FINE SANDY LOAM, 0 TO 3% SLOPES, VERY STONY
- 43H - CHARLTON FINE SANDY LOAM, 3 TO 8% SLOPES, VERY STONY
- 43I - CHARLTON FINE SANDY LOAM, 8 TO 15% SLOPES, VERY STONY

SEE MERRILL USDA-NRCS
SEE SITE SPECIFIC SOILS MAP

PLAN REFERENCES:

- 1) "SUBDIVISION PLAN, LAND OF DOMUS DEVELOPERS INC., ROUTE 4 / OLD TURNPIKE ROAD NOTTINGHAM, N.H., TAX MAP 6, LOT 22" BY: BERRY SURVEY & ENGINEERING DATED: MARCH 4, 2019 R.C.R.D. PLAN #000X-XXX ON FILE AT THIS OFFICE: #08 2018 - 030
- 2) "WETLANDS RESERVE PROGRAM CONSERVATION EASEMENT WRP CONTRACT #NH1016, BARRINGTON TAX MAP 269, LOTS 4 & 7, (STAFFORD COUNTY) NOTTINGHAM TAX MAP 6, LOTS 15, 2 & 22 (ROCKINGHAM COUNTY) NH ROUTE 4, MCDANIEL ROAD, HALL ROAD & TWO MILE ROAD, BARRINGTON, NH, OWNERS: WALDRON B. HALEY REVOCABLE TRUST OF 1998 & GRACE M. HALEY REVOCABLE TRUST OF 1998" PAGE 1 & 2 OF 2 BY: ERIC C. MITCHELL & ASSOCIATED, INC DATED: MARCH 8, 2011 R.C.R.D.: D-36871 S.C.R.D.: PLAN # 102-58
- 3) "BOUNDARY PLAN OF LAND, TAX MAP 6 LOT 15.3, NH ROUTE 4 & MCDANIEL ROAD, NOTTINGHAM, NH BY: ERIC C. MITCHELL & ASSOCIATED, INC. DATED: JANUARY 5, 2016 R.C.R.D.: PLAN # D-39280
- 4) "PLOT PLAN" SHEET 1 & 2 OF 2 BY: THOMAS J. RAYMOND DATED: FEBRUARY 24, 2000 R.C.R.D.: PLAN # D-28003
- 5) "THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY PLANS OF PROPOSED SURFACE TRANSPORTATION PROJECT, SIP-F-012-(206), N.H. PROJECT NO. 11144, ROUTE 4 / SMOKE STREET / HALL ROAD INTERSECTION" SHEETS 1-5 OF 5 BY: THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION DATED: SEPTEMBER 4, 1996 R.C.R.D.: PLAN # D-25081
- 6) "FINAL SUBDIVISION OF LAND 'HIGHLAND RIDGE' FOR HIGHLAND GROUP OF BARRINGTON, BARRINGTON, NEW HAMPSHIRE" BY: DURGIN/SCHOFIELD ASSOCIATES DATED: JUNE 18, 1987 S.C.R.D.: PLAN #31A-40
- 7) "SUBDIVISION OF LAND FOR R. MINESINGER IN NOTTINGHAM, N.H." BY: BRUCE L. POWERS DATED: JUNE 11, 1986 R.C.R.D.: PLAN # D-16695
- 8) "AS BUILT PLANS, GENERAL PLANS" SHEETS 17 & 18 OF 45 BY: NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION PLANS NOT DATED PLANS ON FILE AT THIS OFFICE
- 9) "PLAN OF ROUTE 4, NOTTINGHAM, N.H. BY: NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION DATED: AUGUST 1, 1975 PLAN ON FILE AT THIS OFFICE

ABUTTERS ACROSS ROAD:

- | | |
|---|---|
| N/F BURGESS, HOLLIS & ROBERTSON, KAREN
103 SOUTH STREET
CONCORD, NH 03301
R.C.R.D. BOOK 3386, PAGE 999
COMMERCIAL/INDUSTRIAL ZONE
TAX MAP 6, LOT 16 | N/F TUCCOLO, ANDREA & MALAISON, PATRICK
32 OLD TURNPIKE ROAD
NOTTINGHAM, NH 03290
R.C.R.D. BOOK 5832, PAGE 2354
COMMERCIAL/INDUSTRIAL ZONE
TAX MAP 6, LOT 17-3 |
| N/F DEL HANSON FAMILY REVOCABLE TRUST
DAVID H. & LINDA R. HANSON TRUSTEES
28 OLD TURNPIKE ROAD
NOTTINGHAM, NH 03290
R.C.R.D. BOOK 5679, PAGE 736
COMMERCIAL/INDUSTRIAL ZONE
TAX MAP 6, LOT 17-1 | N/F HOVANASIAN, KAREN L. & CHARLENE C.
PO BOX 412
HAMILTON, MA 01936
R.C.R.D. BOOK 2739, PAGE 657
COMMERCIAL/INDUSTRIAL ZONE
TAX MAP 6, LOT 17-4 |
| N/F LOUPEE, STEPHANIE
30 OLD TURNPIKE ROAD
NOTTINGHAM, NH 03290
BOOK 4150, PAGE 32
COMMERCIAL/INDUSTRIAL ZONE
TAX MAP 6, LOT 17-2 | |

N/F NEVISH, KEITH & DEBBIE
84 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 1972, PAGE 190
GENERAL RESIDENTIAL ZONE
TAX MAP 267, LOT 18

N/F WHITEMAN, JASON T.
88 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 4326, PAGE 463
GENERAL RESIDENTIAL ZONE
TAX MAP 267, LOT 17

N/F MERCIERI, DAVID & LORRAINE
96 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 2249, PAGE 749
GENERAL RESIDENTIAL ZONE
TAX MAP 267, LOT 16

N/F LANDRY, DAVID & DINA
114 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 1964, PAGE 453
GENERAL RESIDENTIAL ZONE
TAX MAP 267, LOT 15

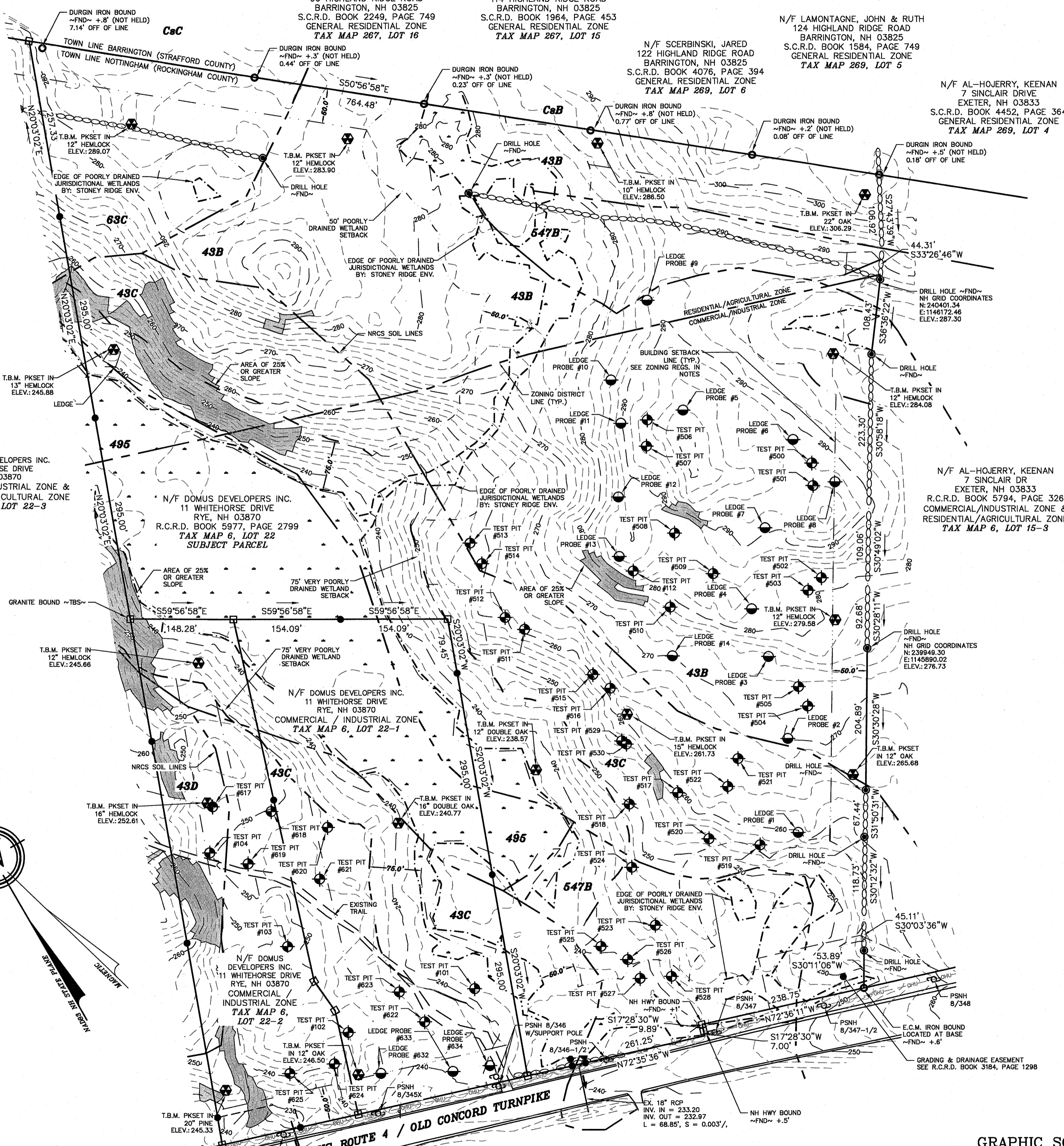
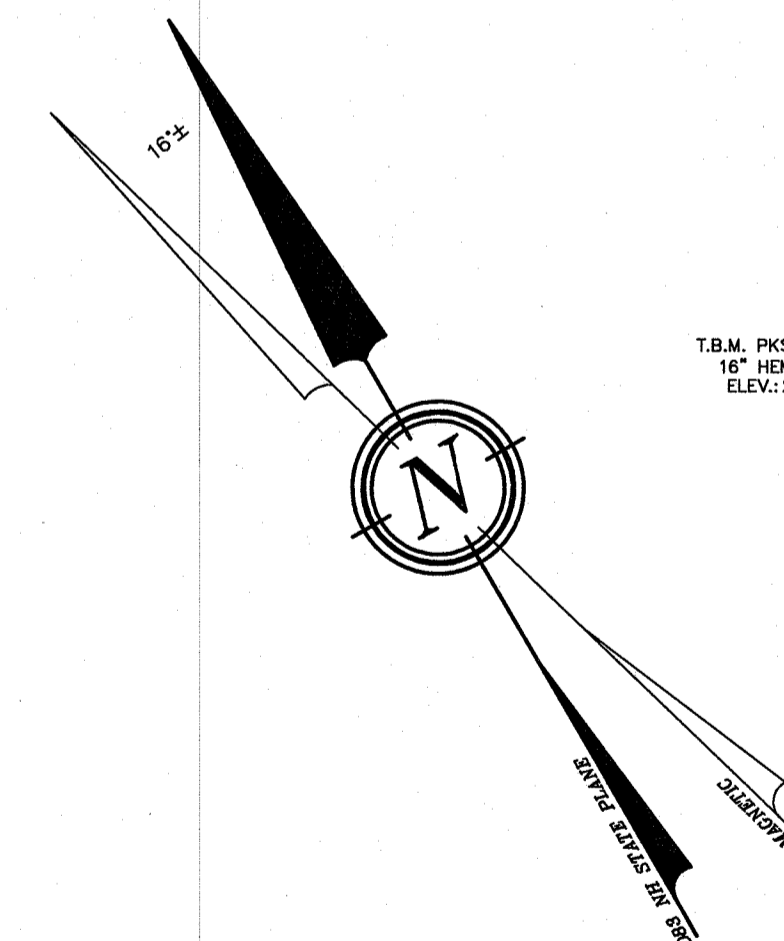
N/F SCERBINSKI, JARED
122 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 394, PAGE 394
GENERAL RESIDENTIAL ZONE
TAX MAP 269, LOT 6

N/F AL-HOJERRY, KEENAN
7 SINCLAIR DRIVE
EXETER, NH 03833
S.C.R.D. BOOK 4452, PAGE 364
GENERAL RESIDENTIAL ZONE
TAX MAP 269, LOT 4

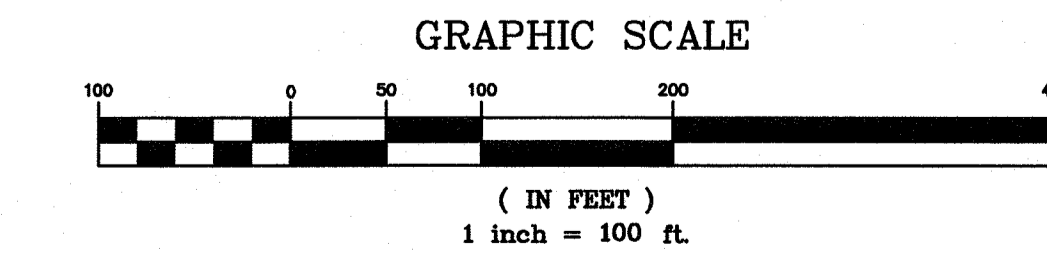
N/F DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
COMMERCIAL / INDUSTRIAL ZONE &
RESIDENTIAL / AGRICULTURAL ZONE
TAX MAP 6, LOT 22-3

N/F DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
R.C.R.D. BOOK 5977, PAGE 2799
TAX MAP 6, LOT 22
SUBJECT PARCEL

N/F AL-HOJERRY, KEENAN
7 SINCLAIR DRIVE
EXETER, NH 03833
R.C.R.D. BOOK 5794, PAGE 326
COMMERCIAL/INDUSTRIAL ZONE &
RESIDENTIAL/AGRICULTURAL ZONE
TAX MAP 6, LOT 15-3



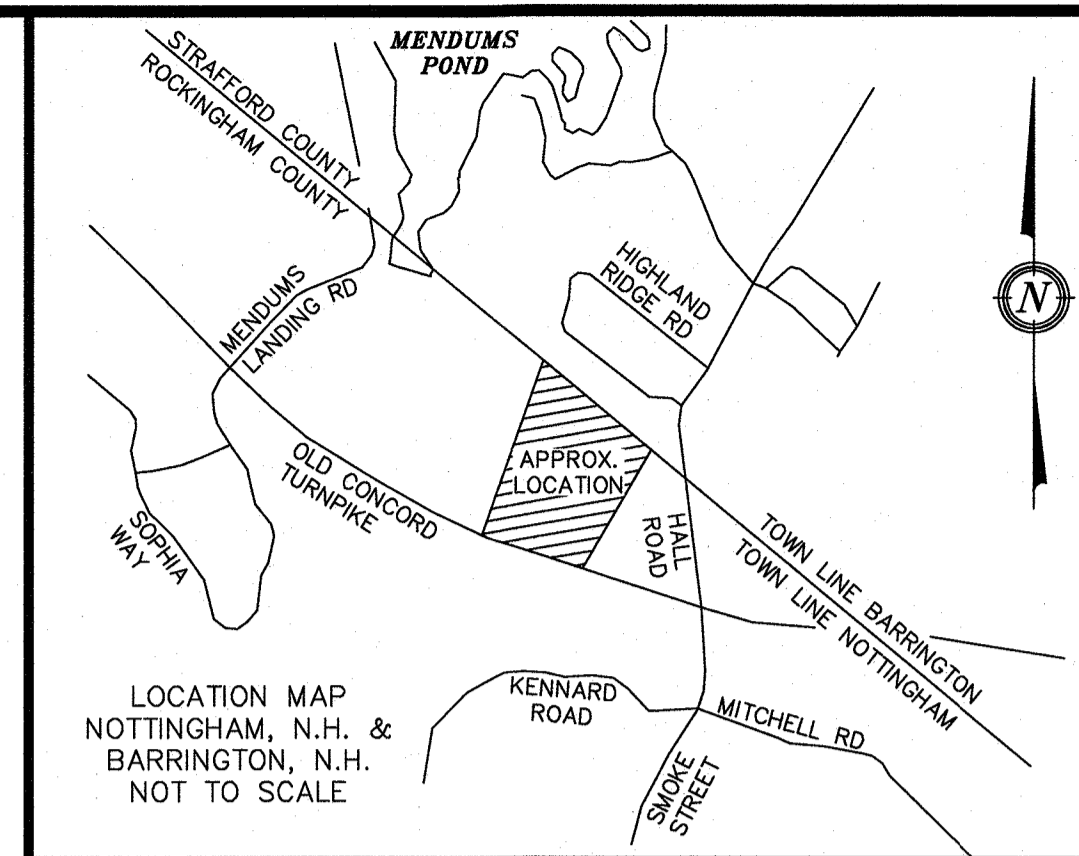
ROAD NOTE:
US ROUTE 4 / OLD TURNPIKE ROAD;
CLASS I PAVED
4 FEET WIDE, NH STATE PAPERS - BOOK 18, PAGE 859
US ROUTE 4 DIMENSIONS AND STATUS SHOWN ON SHEETS 34-37



- 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
 - TEMPORARY BENCH MARK (T.B.M.)
 - TEST PIT
 - LEDGE PROBE
 - BLAZED/PAINTED TREE
 - NRCS SOIL DELINEATION LINE
 - STONE WALL
 - 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
 - EASEMENT LINE
 - ZONING DISTRICT 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

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
KENNETH A. BERRY LLS 805 DATE

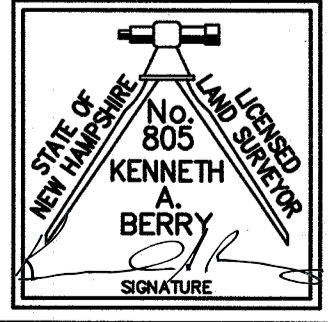


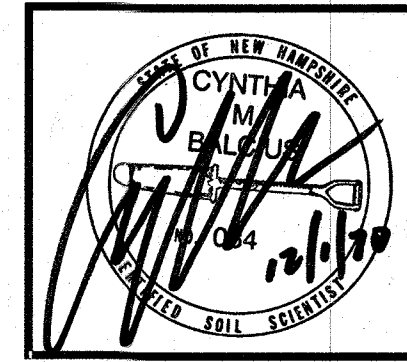
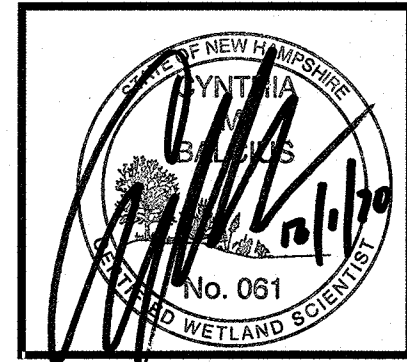
- NOTES:**
- 1) OWNER: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
 - 1A) APPLICANT: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
 - 2) TAX MAP 6, LOT 22
 - 3) LOT AREA: 1,164,698 Sq. Ft. 26.74 Ac. BUILDABLE UPLAND: 711,505 Sq. Ft. 16.33 Ac. TOTAL CONTIGUOUS BUILDING AREA FREE OF SETBACK, SLOPES AND WETLANDS SETBACKS = 411,407 Sq.Ft.
 - 4) R.C.R.D. BOOK 5977, PAGE 2799
 - 5) ZONING: COMMERCIAL/INDUSTRIAL DISTRICT & RESIDENTIAL/AGRICULTURAL DISTRICT FRONTAGE ~ 200.0' MINIMUM LOT SIZE ~ 87,120 SQ. FT. FRONT SETBACK ~ 50.0' REAR SETBACK ~ 50.0' SIDE SETBACK ~ 50.0' WETLANDS SETBACK ~ 50.0' POORLY DRAINED WETLANDS SETBACK ~ 75.0' VERY POORLY DRAINED MULTI FAMILY FRONTAGE ~ 300.0' FRONT SETBACK ~ 100.0' BOUNDARY BUFFER ~ 100.0' BUILDING AREA ~ 30,000 Sq.Ft. / UNIT TOTAL AREA ~ 2 Ac. / UNIT
 - 6) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN FLOOD HAZARD REF. FEMA COMMUNITY # 330137, MAP# - 330150115E & MAP# - 330150120E, 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 AUGUST OF 2018, WITH AN ERROR OF CLOSURE OF 1 PART IN 11,922
 - 9) TOPOGRAPHIC SURVEY PERFORMED BY THIS OFFICE IN SUMMER OF 2018. EXISTING CONTOURS ARE PROVIDED AT 2' INTERVALS.
 - 10) THE INTENT OF THIS PLAN IS TO SHOW THE EXISTING CONDITIONS ON TAX MAP 6, LOT 22 AS OF THE DATE OF THIS PLAN.
 - 11) THIS IS CURRENTLY A VACANT LOT.
 - 12) SEE CORRESPONDING SUBDIVISION PLANS FOR FURTHER BOUNDARY DETAILS.

REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED PER CONDITIONS OF APPROVAL
#5	11-23-20	REVISED PER NHDES COMMENT
#4A	8-17-20	REVISED PER NHDOT COMMENT
#3A	5-26-20	REVISED FOR AOT RFMI

EXISTING CONDITIONS PLAN
LAND OF
DOMUS DEVELOPERS INC.
ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 100 FT.
DATE: JUNE 3, 2019
FILE NO.: DB 2018 - 030





STONEY RIDGE ENVIRONMENTAL, LLC. STONEY RIDGE ENVIRONMENTAL, LLC.
CYNTHIA BALCIUS, CWS #61 CYNTHIA BALCIUS, CSS #84

JURISDICTIONAL WETLANDS WERE DELINEATED BY CYNTHIA BALCIUS OF STONEY RIDGE ENVIRONMENTAL LLC IN SEPTEMBER OF 2018 UTILIZING THE FOLLOWING STANDARDS:

- 1) FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7.0, 2010. L.M. VASILAS, G.W. HURT, AND C.V. NOBLE (EDS.), UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS.
- 2) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 3, APRIL 2004. NEWPCC WETLANDS WORKGROUP, WILMINGTON, MA 01887.
- 3) NORTH AMERICAN DIGITAL FLORA: NATIONAL WETLAND PLANT LIST, VERSION 2.1.0 (HTTP://WETLAND_PLANTS.USACE.ARMY.MIL). U.S. ARMY CORPS OF ENGINEERS, ENGINEER RESEARCH AND DEVELOPMENT CENTER, COLD REGIONS RESEARCH AND ENGINEERING LABORATORY, HANOVER, NH, AND BONAP, CHAPEN HILL.
- 4) STATE OF NEW HAMPSHIRE 2014 WETLAND PLANT LIST, LICHVAR, R.W., M. BUTTERWICH, N.C. MELVIN, AND W.M. KIRCHNER, 2014. THE NATIONAL WETLAND PLANT LIST: 2014 UPDATE OF WETLAND RATINGS. PHYTONEURON 2014-41:1-42.
- 5) CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, JANUARY 1987. WETLANDS RESEARCH PROGRAM TECHNICAL REPORT Y-87-1.
- 6) REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, JANUARY 2012, VERSION 2. U.S. ARMY CORPS OF ENGINEERS, ENVIRONMENTAL LABORATORY ERDC/EL TR-12-1.
- 7) CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES, DECEMBER 1979. L. COWARDIN, V. CARTER, F. GOLET, AND E. LAROE. US DEPARTMENT OF THE INTERIOR, FISH AND WILDLIFE SERVICE. FWS/OBS-79/31.

SOILS LEGEND		
SYMBOL	SOIL TAXONOMIC NAME	HYDROLOGIC SOIL GROUP
256B	CHATFIELD (WELL DRAINED)-CANTON COMPLEX (70/30)	B/4/2
256C	CHATFIELD (WELL DRAINED)-CANTON COMPLEX (70/30)	B/4/2
256D	CHATFIELD (WELL DRAINED)-CANTON COMPLEX (70/30)	B/4/2
256E	CHATFIELD (WELL DRAINED)-CANTON COMPLEX (70/30)	B/4/2
256F	CHATFIELD (WELL DRAINED)-CANTON COMPLEX (70/30)	B/4/2
44A	MONTAUK FINE SANDY LOAM	C/3
44B	MONTAUK FINE SANDY LOAM	C/3
44C	MONTAUK FINE SANDY LOAM	C/3
44D	MONTAUK FINE SANDY LOAM	C/3
44E	MONTAUK FINE SANDY LOAM	C/3
44A	SCITUATE FINE SANDY LOAM	C/3
44B	SCITUATE FINE SANDY LOAM	C/3
44C	SCITUATE FINE SANDY LOAM	C/3
44D	SCITUATE FINE SANDY LOAM	C/3
44E	SCITUATE FINE SANDY LOAM	C/3
514A	LEICESTER FINE SANDY LOAM	C/5
514B	LEICESTER FINE SANDY LOAM	C/5
514C	LEICESTER FINE SANDY LOAM	C/5
115A	SCARBORO FINE SANDY LOAM	D/6

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

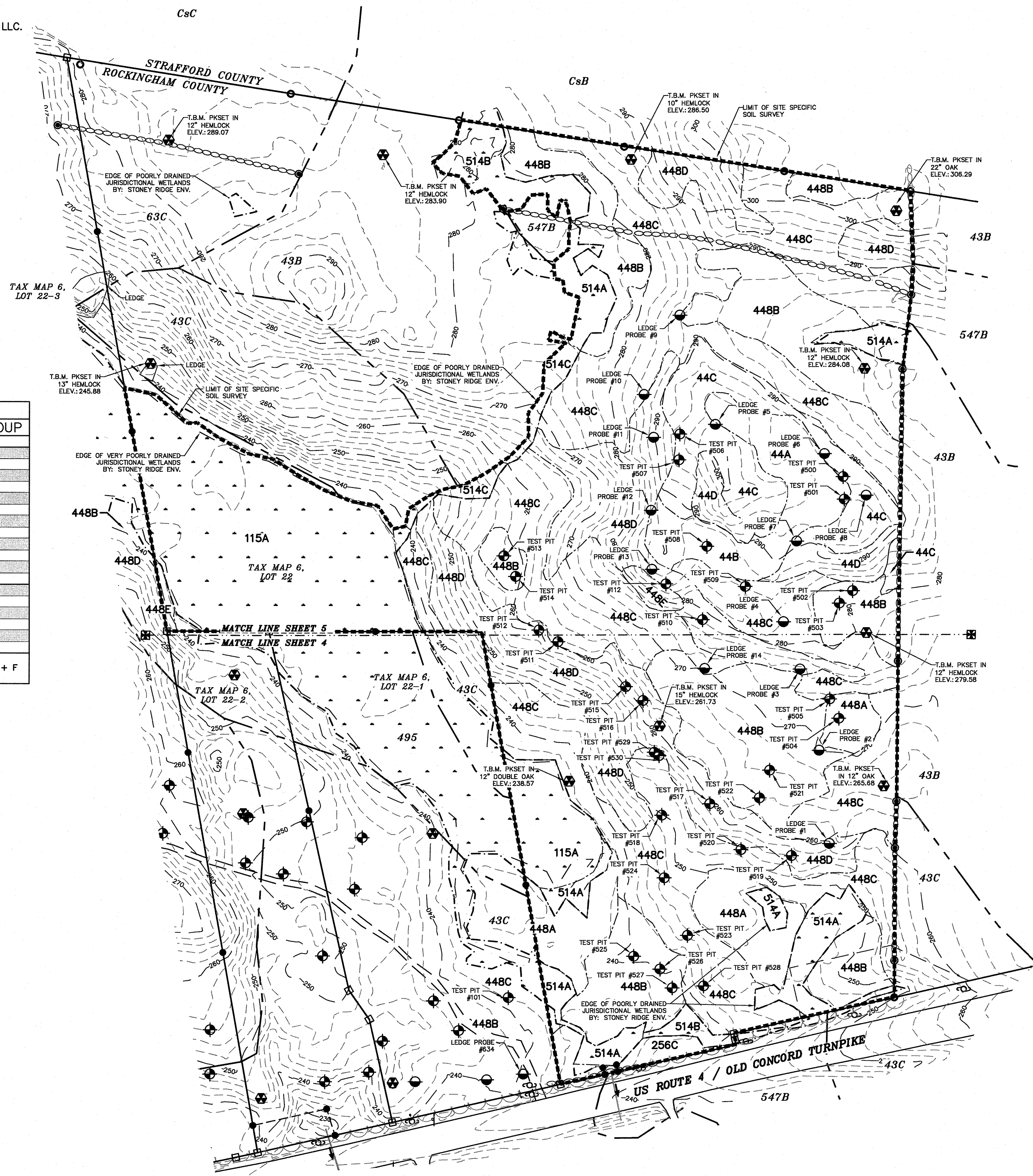
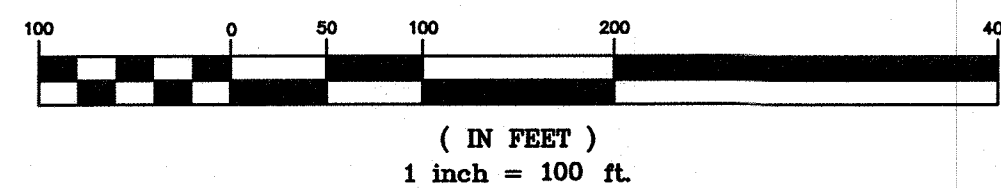
OFF-SITE SOIL TYPE :

ROCKINGHAM COUNTY
 43B ~ CANTON FINE SANDY LOAM, 0-8% SLOPES, VERY STONY
 43C ~ CANTON FINE SANDY LOAM, 8-15% SLOPES, VERY STONY
 63C ~ CHARLTON FINE SANDY LOAM, 8-15% SLOPES, VERY STONY
 495 ~ NATCHAUG MUCK PEAT, 0 TO 2% SLOPES
 547B ~ WALPOLE VERY FINE SANDY LOAM, 0 TO 3% SLOPES, VERY STONY

STRAFFORD COUNTY
 CsB ~ CHARLTON FINE SANDY LOAM, 3-8% SLOPES, VERY STONY
 CsC ~ CHARLTON FINE SANDY LOAM, 8-15% SLOPES, VERY STONY

SEE WEBSOIL USDA/NRCS

GRAPHIC SCALE

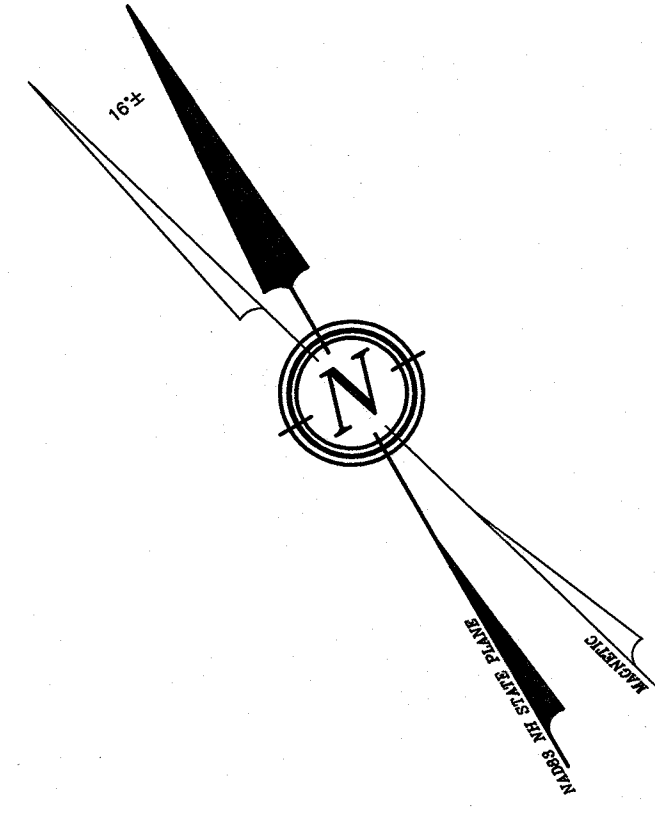


NOTES:

- 1.) OWNER: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
- 1A.) APPLICANT: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
- 2.) TAX MAP 6, LOT 22
- 3.) LOT AREA: 1,164,698 Sq. Ft. 26.74 Ac.
- 4.) R.C.R.D. BOOK 5977, PAGE 2799
- 5.) 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# - 33015C0115E & MAP# - 33015C0120E, DATED: MAY 17, 2005
- 6.) VERTICAL DATUM BASED ON NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.
- 7.) THE BOUNDARY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A CLOSED TRAVERSE PERFORMED BY THIS OFFICE IN AUGUST OF 2018, WITH AN ERROR OF CLOSURE OF 1 PART IN 11,922.
- 8.) TOPOGRAPHIC SURVEY PERFORMED BY THIS OFFICE IN SUMMER OF 2018. EXISTING CONTOURS ARE PROVIDED AT 2' INTERVALS.
- 9.) THE INTENT OF THIS PLAN IS TO REPRESENT THE SITE SPECIFIC SOILS ON TAX MAP 6, LOT 22 AS OF THE DATE OF THIS PLAN.

LEGEND:

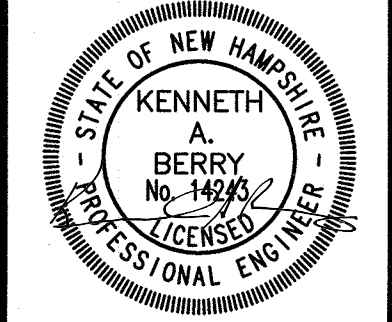
- DRILL HOLE (FND)
- IRON PIPE (FND)
- NH HIGHWAY BOUND (FND)
- UTILITY POLE/GUY WIRE
- LEDGE PROBE
- TEST HOLE
- BENCHMARK
- STONE WALL
- WETLAND LINE
- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- OFF SITE NRCS SOIL LINE
- SOIL LINE
- LIMIT OF SOIL SURVEY
- MATCH LINE/MATCH POINT
- 448A SOIL SERIES
- 43B NRCS SOIL LABEL
- S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS
- R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS
- TYP. TYPICAL
- FND FOUND
- TBA TO BE ABANDONED



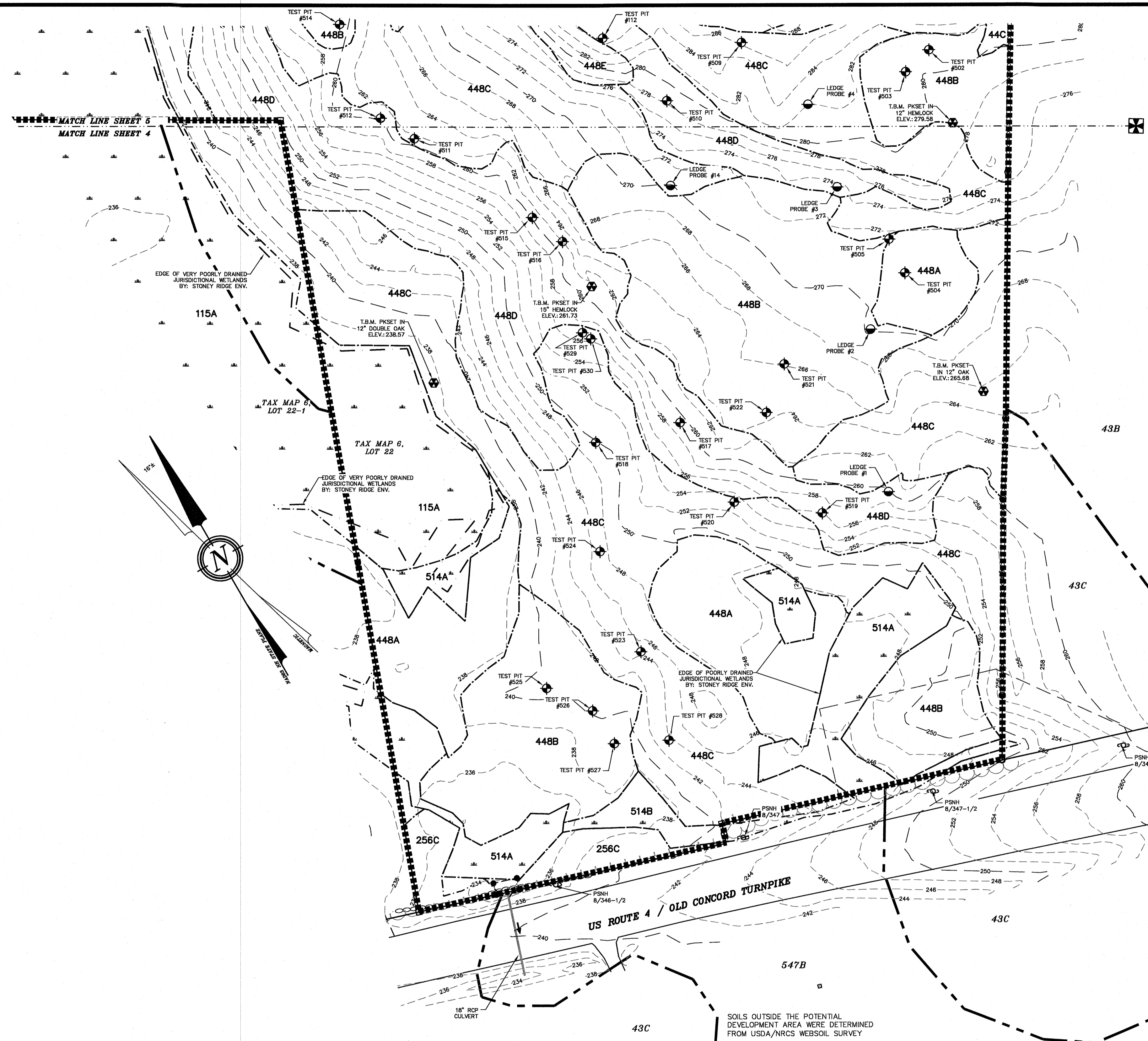
REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED PER CONDITIONS OF APPROVAL
#5	11-23-20	REVISED PER NHDES COMMENT
#4A	8-17-20	REVISED PER NHDOT COMMENT
#3A	5-26-20	REVISED FOR AOT RFMI

SITE SPECIFIC SOILS MAP OVERVIEW
 LAND OF
 DOMUS DEVELOPERS, INC.
 ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE : 1 IN. EQUALS 100 FT.
 DATE : JUNE 3, 2019
 FILE NO. : DB 2018 - 030



MATCH LINE SHEET 5
MATCH LINE SHEET 4



- NOTES:**
- OWNER: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
 - APPLICANT: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
 - TAX MAP 6, LOT 22
 - LOT AREA: 1,164,698 Sq. Ft. 26.74 Ac.
 - R.C.R.D. BOOK 5977, PAGE 2799
 - 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# - 3301500115E & MAP# - 3301500120E, DATED: MAY 17, 2005
 - 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 AUGUST OF 2018, WITH AN ERROR OF CLOSURE OF 1 PART IN 11,922.
 - TOPOGRAPHIC SURVEY PREFORMED BY THIS OFFICE IN SUMMER OF 2018. EXISTING CONTOURS ARE PROVIDED AT 2' INTERVALS.
 - THE INTENT OF THIS PLAN IS TO REPRESENT THE SITE SPECIFIC SOILS ON TAX MAP 6, LOT 22 AS OF THE DATE OF THIS PLAN.

LEGEND:

--- OFF SITE NRCS OFF SITE SOIL LINE
 - - - - - LIMIT OF SOIL SURVEY
 ■■■■■■■■■■ MATCH LINES

448A SOIL SERIES
 43B NRCS SOIL LABEL

OFF-SITE SOIL TYPE :

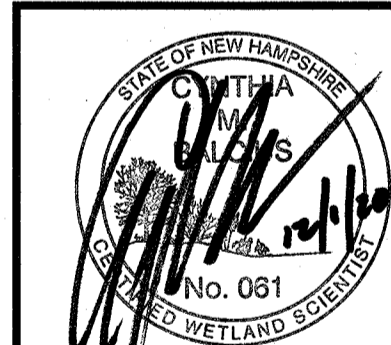
ROCKINGHAM COUNTY
 43B ~ CANTON FINE SANDY LOAM, 0-8% SLOPES, VERY STONY
 43C ~ CANTON FINE SANDY LOAM, 8-15% SLOPES, VERY STONY
 63C ~ CHARLTON FINE SANDY LOAM, 8-15% SLOPES, VERY STONY
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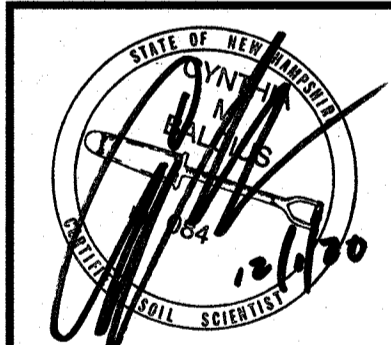
SEE WEBSOIL USDA/NRCS

SOILS LEGEND

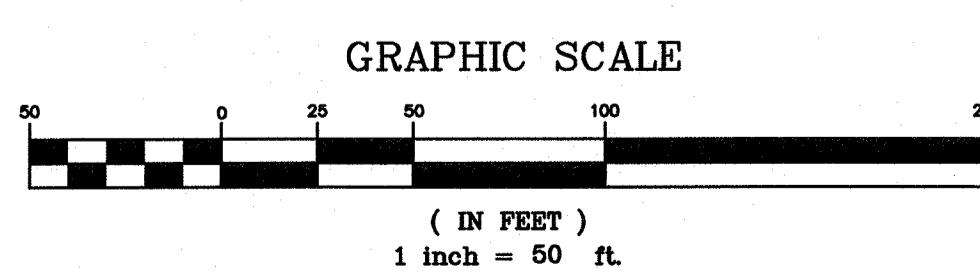
SYMBOL	SOIL TAXONOMIC NAME	HYDROLOGIC SOIL GROUP
256B	CHATFIELD (WELL DRAINED)-CANTON COMPLEX (70/30)	B/4/2
256C	CHATFIELD (WELL DRAINED)-CANTON COMPLEX (70/30)	B/4/2
256D	CHATFIELD (WELL DRAINED)-CANTON COMPLEX (70/30)	B/4/2
256E	CHATFIELD (WELL DRAINED)-CANTON COMPLEX (70/30)	B/4/2
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514C	LEICESTER FINE SANDY LOAM	C/5
514D	LEICESTER FINE SANDY LOAM	C/5
115A	SCARBORO FINE SANDY LOAM	D/6

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


 STONEY RIDGE ENVIRONMENTAL, LLC. CYNTHIA BALCIUS, CWS #61


 STONEY RIDGE ENVIRONMENTAL, LLC. CYNTHIA BALCIUS, CSS #84

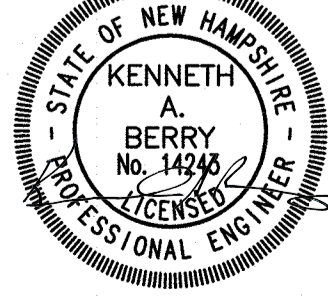
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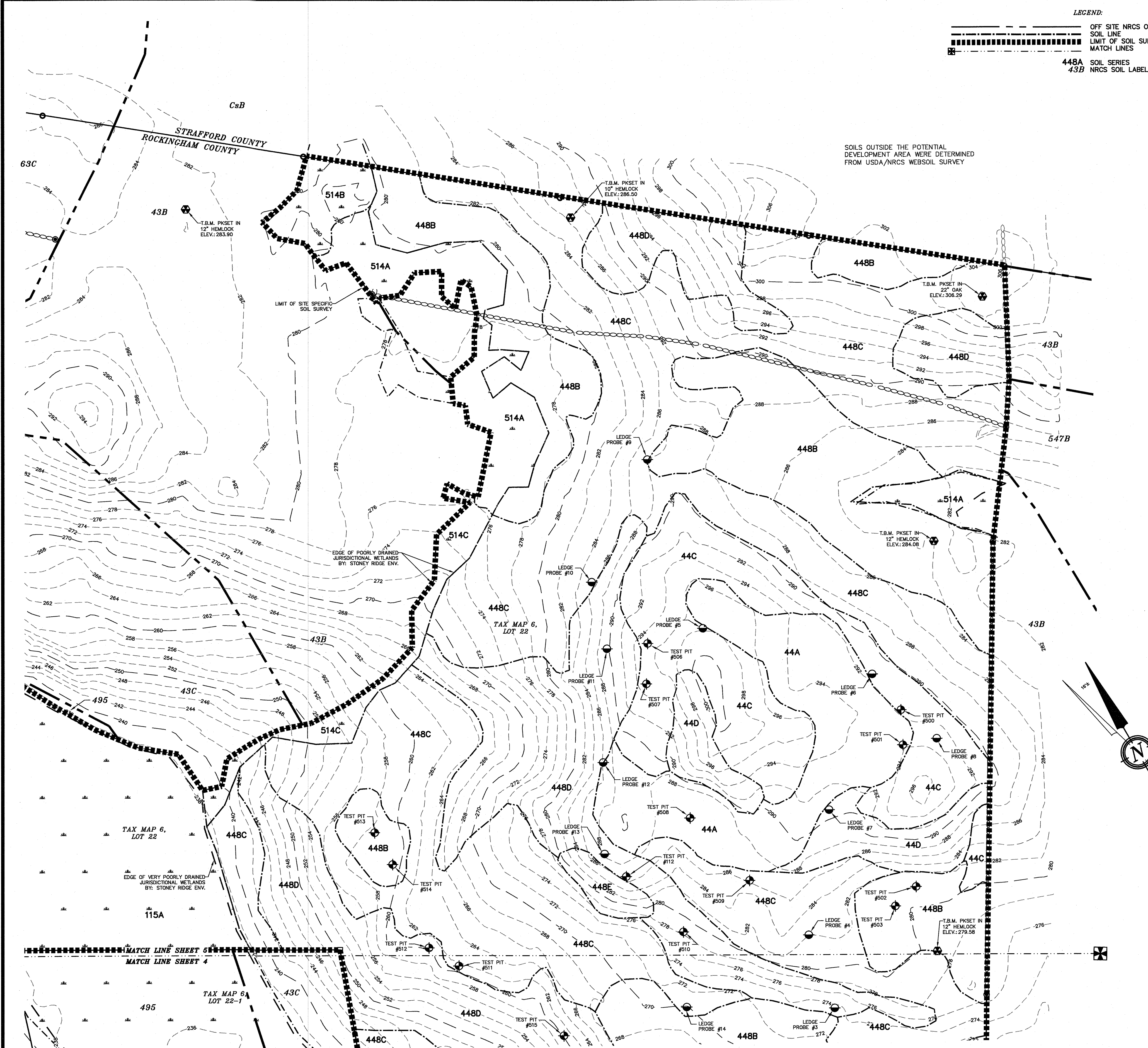


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#5	11-23-20	REVISED PER NHDES COMMENT
#4A	8-17-20	REVISED PER NHDOT COMMENT
#3A	5-26-20	REVISED FOR AOT RFMI

SITE SPECIFIC SOILS MAP - NORTHWEST
 LAND OF
 DOMUS DEVELOPERS, INC.
 ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)352-2863
 SCALE : 1 IN. EQUALS 50 FT.
 DATE : JUNE 3, 2019
 FILE NO. : DB 2018 - 030


 KENNETH A. BERRY
 No. 14240
 PROFESSIONAL ENGINEER



LEGEND:

--- OFF SITE NRCS OFF SITE SOIL LINE
 - - - - - LIMIT OF SOIL SURVEY MATCH LINES
 ■■■■■■■■■■ 448A SOIL SERIES
 ■■■■■■■■■■ 43B NRCS SOIL LABEL

SOILS OUTSIDE THE POTENTIAL DEVELOPMENT AREA WERE DETERMINED FROM USDA/NRCS WEBSOIL SURVEY

- NOTES:**
- 1.) OWNER: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
 - 1A.) APPLICANT: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
 - 2.) TAX MAP 6, LOT 22
 - 3.) LOT AREA: 1,164,698 Sq. Ft. 26.74 Ac.
 - 4.) R.C.R.D. BOOK 5977, PAGE 2799
 - 5.) 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# - 33015C0115E & MAP# - 33015C0120E, DATED: MAY 17, 2005
 - 6.) VERTICAL DATUM BASED ON NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS RECEIVERS.
 - 7.) THE BOUNDARY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A CLOSED TRAVERSE PERFORMED BY THIS OFFICE IN AUGUST OF 2018, WITH AN ERROR OF CLOSURE OF 1 PART IN 11,922.
 - 8.) TOPOGRAPHIC SURVEY PERFORMED BY THIS OFFICE IN SUMMER OF 2018. EXISTING CONTOURS ARE PROVIDED AT 2' INTERVALS.
 - 9.) THE INTENT OF THIS PLAN IS TO REPRESENT THE SITE SPECIFIC SOILS ON TAX MAP 6, LOT 22 AS OF THE DATE OF THIS PLAN.

OFF-SITE SOIL TYPE :

ROCKINGHAM COUNTY
 43B ~ CANTON FINE SANDY LOAM, 0-8% SLOPES, VERY STONY
 43C ~ CANTON FINE SANDY LOAM, 8-15% SLOPES, VERY STONY
 63C ~ CHARLTON FINE SANDY LOAM, 8-15% SLOPES, VERY STONY
 495 ~ MATCHAUC MUCK FEAT. 0 TO 2% SLOPES
 547B ~ WALPOLE VERY FINE SANDY LOAM, 0 TO 3% SLOPES, VERY STONY

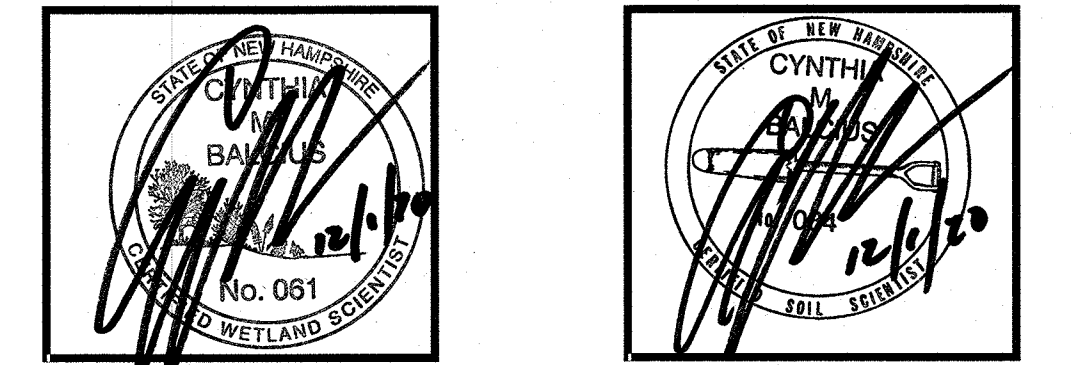
STRAFFORD COUNTY
 CsB ~ CHARLTON FINE SANDY LOAM, 3-8% SLOPES, VERY STONY
 CsC ~ CHARLTON FINE SANDY LOAM, 8-15% SLOPES, VERY STONY

SEE WEBSOIL USDA/NRCS

SOILS LEGEND

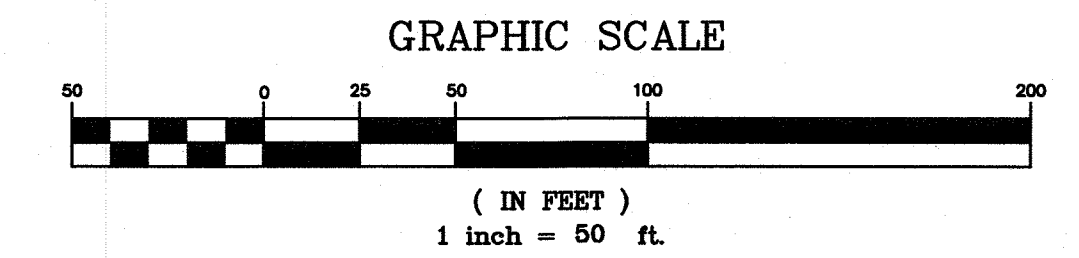
SYMBOL	SOIL TAXONOMIC NAME	HYDROLOGIC SOIL GROUP
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256D	CHATFIELD (WELL DRAINED)-CANTON COMPLEX (70/30)	B/4/2
256E	CHATFIELD (WELL DRAINED)-CANTON COMPLEX (70/30)	B/4/2
256F	CHATFIELD (WELL DRAINED)-CANTON COMPLEX (70/30)	B/4/2
44A	MONTAUK FINE SANDY LOAM	C/3
44B	MONTAUK FINE SANDY LOAM	C/3
44C	MONTAUK FINE SANDY LOAM	C/3
44D	MONTAUK FINE SANDY LOAM	C/3
44E	MONTAUK FINE SANDY LOAM	C/3
448A	SCITUATE FINE SANDY LOAM	C/3
448B	SCITUATE FINE SANDY LOAM	C/3
448C	SCITUATE FINE SANDY LOAM	C/3
448D	SCITUATE FINE SANDY LOAM	C/3
448E	SCITUATE FINE SANDY LOAM	C/3
514A	LEICESTER FINE SANDY LOAM	C/5
514B	LEICESTER FINE SANDY LOAM	C/5
514C	LEICESTER FINE SANDY LOAM	C/5
115A	SCARBORO FINE SANDY LOAM	D/6

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



STONEY RIDGE ENVIRONMENTAL, LLC. STONEY RIDGE ENVIRONMENTAL, LLC.
 CYNTHIA BALCIUS, CWS #61 CYNTHIA BALCIUS, CSS #84

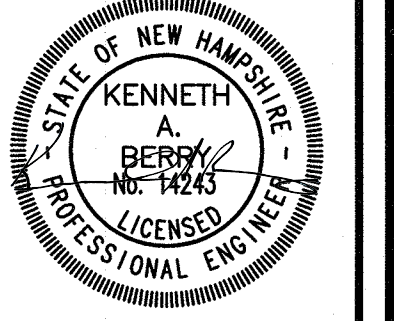
- JURISDICTIONAL WETLANDS WERE DELINEATED BY CYNTHIA BALCIUS OF STONEY RIDGE ENVIRONMENTAL LLC IN SEPTEMBER OF 2018 UTILIZING THE FOLLOWING STANDARDS:
- 1) FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7.0. 2010. L.M. VASILAS, G.W. HURT, AND C.V. NOBLE (EDS). UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS.
 - 2) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND. VERSION 3. APRIL 2004. NEWPCC WETLANDS WORKGROUP. WILMINGTON, MA 01887.
 - 3) NORTH AMERICAN DIGITAL FLORA: NATIONAL WETLAND PLANT LIST, VERSION 2.1.0 (HTTP://WETLAND_PLANTS.USACE.ARMY.MIL). U.S. ARMY CORPS OF ENGINEERS, ENGINEER RESEARCH AND DEVELOPMENT CENTER, COLD REGIONS RESEARCH AND ENGINEERING LABORATORY, HANOVER, NH, AND BONAP, CHAPEN HILL.
 - 4) STATE OF NEW HAMPSHIRE 2014 WETLAND PLANT LIST. LICHVAR, R.W., M. BUTTERWICH, N.C. MELVIN, AND W.N. KIRCHNER. 2014. THE NATIONAL WETLAND PLANT LIST. 2014 UPDATE OF WETLAND RATINGS. PHYTONEURON 2014-41-1-42.
 - 5) CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL. JANUARY 1987. WETLANDS RESEARCH PROGRAM TECHNICAL REPORT Y-87-1.
 - 6) REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHEASTAL AND NORTHEAST REGION. JANUARY 2012, VERSION 2. U.S. ARMY CORPS OF ENGINEERS. ENVIRONMENTAL LABORATORY ERDC/EL TR-12-1.
 - 7) CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES. DECEMBER 1979. L. COWARDIN, V. CARTER, F. GOLET, AND E. LAROE. US DEPARTMENT OF THE INTERIOR. FISH AND WILDLIFE SERVICE. FWS/OBS-79/31.



REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED PER CONDITIONS OF APPROVAL
#5	11-23-20	REVISED PER NHDES COMMENT
#4	8-17-20	REVISED PER NHDOT COMMENT
#3A	5-26-20	REVISED FOR AOT RFMI

SITE SPECIFIC SOILS MAP - NORTHEAST
 LAND OF
 DOMUS DEVELOPERS INC.
 ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE : 1 IN. EQUALS 50 FT.
 DATE : JUNE 3, 2019
 FILE NO. : DB 2018 - 030



LEDGE PROBE #1
 0-4" 10YR 3/2, FINE SANDY LOAM, GRANULAR, FRIABLE
 4-20" 10YR 5/8, FINE SANDY LOAM, GRANULAR, FRIABLE
 20-40" 10YR 5/4, FINE LOAMY SAND, SINGLE GRAIN, FRIABLE
 40-48" 2.5YR 6/4, FINE SAND, SINGLE GRAIN, FIRM
 TERMINATED @ 48"
 E.S.H.W.T @ N/A
 REFUSAL @ 48", LEDGE
 NO GROUND WATER OBSERVED
 ROOTS TO 40"

LEDGE PROBE #2
 0-6" 10YR 2/2, FINE SANDY LOAM, GRANULAR, FRIABLE
 6-18" 10YR 5/8, FINE SANDY LOAM, GRANULAR, FRIABLE
 18-36" 10YR 6/2, FINE SAND, SINGLE GRAIN, LOOSE IN HAND
 36-66" 2.5YR 4/4, FINE LOAMY SAND, PLATY, FIRM
 TERMINATED @ 66"
 E.S.H.W.T @ 36" FIRM REST
 REFUSAL @ 66", PARALYTHIC LEDGE
 NO GROUND WATER OBSERVED
 ROOTS TO 40"

LEDGE PROBE #3
 0-4" 10YR 2/2, FINE SANDY LOAM, GRANULAR, FRIABLE
 4-20" 10YR 5/8, FINE SANDY LOAM, GRANULAR, FRIABLE
 20-32" 10YR 5/4, FINE LOAMY SAND, GRANULAR, FRIABLE
 32-60" 2.5YR 6/2, FINE SAND, GRANULAR, FIRM
 TERMINATED @ 60"
 E.S.H.W.T @ 27"
 REFUSAL @ 80", LEDGE
 NO GROUND WATER OBSERVED
 ROOTS TO 24"

LEDGE PROBE #4
 TERMINATED @ 90"
 E.S.H.W.T @ N/A
 REFUSAL @ 90", PARALYTHIC LEDGE
 NO GROUND WATER OBSERVED

LEDGE PROBE #5
 TERMINATED @ 60"
 REFUSAL @ 60", SHALEY LEDGE

LEDGE PROBE #6
 TERMINATED @ 90"
 REFUSAL @ 90", LEDGE

LEDGE PROBE #7
 TERMINATED @ 72"
 REFUSAL @ 72", LEDGE

LEDGE PROBE #8
 TERMINATED @ 56"
 REFUSAL @ 56", LEDGE

LEDGE PROBE #9
 TERMINATED @ 54"
 REFUSAL @ 54", LEDGE

LEDGE PROBE #10
 TERMINATED @ 44"
 REFUSAL @ 44", LEDGE

LEDGE PROBE #11
 TERMINATED @ 48"
 REFUSAL @ 48", LEDGE

LEDGE PROBE #12
 TERMINATED @ 48"
 REFUSAL @ 48", LEDGE

LEDGE PROBE #13
 TERMINATED @ 36"
 REFUSAL @ 36", LEDGE

LEDGE PROBE #14
 NO LEDGE OBSERVED

LEDGE PROBE #63A
 E.S.H.W.T @ 31"
 NO LEDGE
 HIGHER LOAM CONTENT

TEST PIT #501
 0-4" 10YR 2/1, FINE SANDY LOAM, GRANULAR, FRIABLE
 4-9" 10YR 4/3, FINE SANDY LOAM, GRANULAR, FRIABLE
 9-13" 2.5Y 4/2, FINE SANDY LOAM, GRANULAR, FRIABLE
 13-18" 10YR 3/3, FINE SANDY LOAM, GRANULAR, FRIABLE
 18-42" 10YR 2/2, FINE SANDY LOAM, GRANULAR, FRIABLE
 REDOX: 15% COBBLES
 42-77" 2.5Y 4/2, VERY FINE SANDY LOAM, GRANULAR, VERY FRIABLE
 REDOX: 10YR 5/8, COMMON & DISTINCT MOTTLES
 2.5Y 5/1, COMMON & DISTINCT MOTTLES
 TERMINATED @ 77"
 E.S.H.W.T @ 42"
 RESTRICTIVE LAYER: N/A
 REFUSAL > 77"
 GROUND WATER OBSERVED @ 46"
 ROOTS TO 24"

TEST PIT #112
 0-5" 10YR 2/2, FINE SANDY LOAM, GRANULAR, FRIABLE
 5-26" 10YR 5/8, FINE SANDY LOAM, GRANULAR, FRIABLE
 26-36" 2.5Y 5/4, FINE SAND, SINGLE GRAIN, LOSE
 REDOX: PAN, 10% GRAVEL
 36-48" 2.5Y 6/4, SAND, PLIABLE, FIRM
 REDOX: 10YR 5/8, 20% GRAVEL
 TERMINATED @ 48"
 E.S.H.W.T > 48"
 RESTRICTIVE LAYER: PAN @ 26"
 REFUSAL @ 48"
 GROUND WATER OBSERVED > 48"
 ROOTS TO 35"

TEST PIT #500
 0-8" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 8-27" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 27-48" 10YR 4/8, DARK YELLOWISH BROWN, FINE LOAMY SAND, SINGLE GRAIN, FRIABLE
 15% REDOX COMMON AND DISTINCT
 TERMINATED @ 48"
 E.S.H.W.T @ 27"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 30"

TEST PIT #501
 0-4" 10YR 3/4, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 4-26" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 26-52" 2.5Y 5/4, LIGHT OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FIRM IN HOLE/FRIABLE IN HAND
 10% REDOX COMMON AND DISTINCT
 TERMINATED @ 52"
 E.S.H.W.T @ 26"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 NO ROOTS

TEST PIT #502
 0-5" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 5-20" 10YR 4/4, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 20-27" 10YR 5/8, YELLOWISH BROWN, VERY FINE SANDY LOAM, GRANULAR, FRIABLE
 27-52" 10YR 6/4, LIGHT YELLOWISH BROWN, COARSE SAND, GRANULAR, LOOSE
 15% REDOX COMMON AND DISTINCT
 TERMINATED @ 52"
 E.S.H.W.T @ 27"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 27"

TEST PIT #503
 0-5" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 5-25" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 25-55" 2.5Y 4/4, OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FIRM IN HOLE/FRIABLE IN HAND
 10% REDOX COMMON AND DISTINCT
 TERMINATED @ 55"
 E.S.H.W.T @ 25"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 25"

TEST PIT #504
 0-3" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-24" 10YR 5/8, YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 24-54" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 20% REDOX COMMON AND DISTINCT
 TERMINATED @ 54"
 E.S.H.W.T @ 24"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 22"

TEST PIT #505
 0-3" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-17" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 17-49" 2.5Y 4/4, OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FIRM IN HOLE/FRIABLE IN HAND
 5% REDOX COMMON AND DISTINCT
 TERMINATED @ 49"
 E.S.H.W.T @ 17"
 NO REFUSAL
 GROUND WATER OBSERVED @ 30"
 ROOTS TO 22"

TEST PIT #506
 0-3" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-18" 10YR 5/8, YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 18-27" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 27-48" 2.5Y 4/4, OLIVE BROWN, FINE SAND, GRANULAR, FIRM IN HOLE/LOOSE IN HAND
 TERMINATED @ 48"
 E.S.H.W.T @ 24"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 22"

TEST PIT #507
 0-3" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-12" 10YR 5/8, YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 12-24" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 24-48" 2.5Y 4/4, FINE SAND, GRANULAR, FIRM IN HOLE/LOOSE IN HAND
 15% REDOX COMMON AND DISTINCT
 TERMINATED @ 48"
 E.S.H.W.T @ 27"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 27"

TEST PIT #508
 LARGE BOULDERS TO 48"
 COARSE SAND BELOW
 TERMINATED @ 96"
 E.S.H.W.T @ 26"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 NO ROOTS

TEST PIT #509
 NO BOULDERS
 COARSE SAND BELOW 48"
 RIPPLE LEDGE @ 96 +/-
 TERMINATED @ 96 +/-
 E.S.H.W.T @ 22"
 REFUSAL @ 96 +/-, LEDGE
 NO GROUND WATER OBSERVED
 NO ROOTS

TEST PIT #510
 RESTRICTIVE @ 20"
 RIPPLE LEDGE @ 74 +/-
 TERMINATED @ 74 +/-
 E.S.H.W.T @ 20"
 REFUSAL @ 74 +/-, LEDGE
 NO GROUND WATER OBSERVED
 NO ROOTS

TEST PIT #511
 0-3" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-15" 10YR 5/8, YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 16-25" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 25-48" 2.5Y 4/4, OLIVE BROWN, FINE SAND, GRANULAR, FIRM IN HOLE/FRIABLE IN HAND
 48"
 LEDGE
 10% REDOX COMMON AND DISTINCT
 TERMINATED @ 48"
 E.S.H.W.T @ 25"
 REFUSAL @ 48", LEDGE
 NO GROUND WATER OBSERVED
 ROOTS TO 26"

TEST PIT #512
 0-3" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-12" 10YR 5/8, YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 12-24" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 24-48" 2.5Y 4/4, OLIVE BROWN, FINE SAND, GRANULAR, FIRM IN HOLE/LOOSE IN HAND
 TERMINATED @ 48"
 E.S.H.W.T @ 24"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 NO ROOTS

TEST PIT #513
 0-3" 10YR 3/2, VERY DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-21" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 21-48" 2.5Y 4/4, OLIVE BROWN, FINE LOAMY SAND, GRANULAR, SOMEWHAT FIRM IN HOLE/FRIABLE IN HAND
 10% REDOX COMMON AND DISTINCT
 TERMINATED @ 48"
 E.S.H.W.T @ 21"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 22"

TEST PIT #514
 0-4" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 4-15" 10YR 5/8, YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 15-25" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 25-48" 2.5Y 4/4, OLIVE BROWN, FINE LOAMY SAND, GRANULAR, FIRM IN HOLE/FRIABLE IN HAND
 TERMINATED @ 48"
 E.S.H.W.T @ 25"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 27"

TEST PIT #515
 0-3" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-27" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 27-49" 10YR 4/8, DARK YELLOWISH BROWN, VERY FINE LOAMY SAND, MEDIUM BLOCKY, FIRM IN HOLE/FRIABLE IN HAND
 10% REDOX COMMON AND DISTINCT
 TERMINATED @ 49"
 E.S.H.W.T @ 27"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 29"

TEST PIT #516
 0-3" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-14" 10YR 5/8, YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 14-25" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 25-48" 2.5Y 4/4, OLIVE BROWN, VERY FINE SANDY LOAM, GRANULAR, FIRM IN HOLE/FRIABLE IN HAND
 15% REDOX COMMON AND DISTINCT
 TERMINATED @ 48"
 E.S.H.W.T @ 25"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 21"
 PERC = 8 MIN/IN

TEST PIT #517
 POSSIBLE LEDGE @ 74"
 COULD BE BOULDERS
 TERMINATED @ 74"
 E.S.H.W.T @ 26"
 REFUSAL @ 74", POSSIBLE LEDGE
 NO GROUND WATER OBSERVED
 NO ROOTS

TEST PIT #518
 0-5" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 5-20" 10YR 5/8, YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 20-48" 10YR 4/4, DARK YELLOWISH BROWN, FINE LOAMY SAND, GRANULAR, FIRM IN HOLE/FRIABLE IN HAND
 TERMINATED @ 48"
 E.S.H.W.T @ 20"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 16"

TEST PIT #519
 RIPPLE BOULDER OR LEDGE FROM 20"
 EXTREMELY STONEY
 TERMINATED @ 48"
 E.S.H.W.T @ 24"
 REFUSAL @ 48", LEDGE
 NO GROUND WATER OBSERVED
 ROOTS TO 16"

TEST PIT #520
 0-3" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-23" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 23-49" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 15% REDOX COMMON AND DISTINCT
 TERMINATED @ 49"
 E.S.H.W.T @ 24"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 24"

TEST PIT #521
 0-4" 10YR 3/4, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 4-20" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 20-48" 2.5Y 4/4, OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FIRM IN HOLE/FRIABLE IN HAND
 5% REDOX COMMON AND DISTINCT
 TERMINATED @ 48"
 E.S.H.W.T @ 20"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 21"

TEST PIT #522
 0-3" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-20" 10YR 5/8, YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 20-48" 2.5Y 4/4, OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FIRM IN HOLE/FRIABLE IN HAND
 TERMINATED @ 48"
 E.S.H.W.T @ 20"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 26"

TEST PIT #523
 RIPPLE LEDGE OR BOULDERS AROUND 76"
 TERMINATED @ 84"
 E.S.H.W.T @ 21"
 NO REFUSAL
 GROUND WATER OBSERVED @ 72"
 NO ROOTS

TEST PIT #524
 0-3" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-24" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 24-48" 2.5Y 4/4, OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 TERMINATED @ 48"
 E.S.H.W.T @ 24"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 22"

TEST PIT #525
 0-4" 10YR 3/2, VERY DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 4-18" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 18-48" 2.5Y 4/4, OLIVE BROWN, FINE LOAMY SAND, GRANULAR, FIRM IN HOLE/FRIABLE IN HAND
 10% REDOX COMMON AND DISTINCT
 TERMINATED @ 48"
 E.S.H.W.T @ 18"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 22"

TEST PIT #526
 0-3" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-20" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 20-48" 2.5Y 4/4, OLIVE BROWN, FINE LOAMY SAND, GRANULAR, VERY FIRM IN HOLE/FRIABLE IN HAND
 20% REDOX COMMON AND DISTINCT
 TERMINATED @ 48"
 E.S.H.W.T @ 20"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 19"

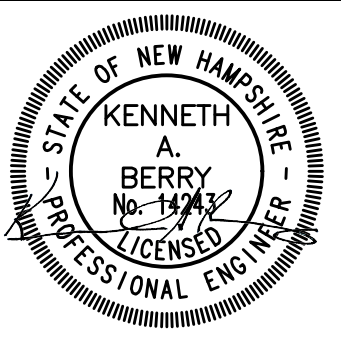
TEST PIT #527
 0-3" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-20" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 20-48" 2.5Y 4/4, OLIVE BROWN, FINE LOAMY SAND, GRANULAR, VERY FIRM IN HOLE/FRIABLE IN HAND
 20% REDOX COMMON AND DISTINCT
 TERMINATED @ 48"
 E.S.H.W.T @ 23"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 19"

TEST PIT #528
 0-3" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-20" 10YR 4/8, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 20-48" 2.5Y 4/4, OLIVE BROWN, FINE LOAMY SAND, GRANULAR, VERY FIRM IN HOLE/FRIABLE IN HAND
 20% REDOX COMMON AND DISTINCT
 TERMINATED @ 48"
 E.S.H.W.T @ 23"
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 19"

REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED PER CONDITIONS OF APPROVAL
#5	11-23-20	REVISED PER NHDES COMMENT
#4A	8-17-20	REVISED PER NHDOT COMMENT
#3A	5-26-20	REVISED FOR AOT RFMI

TEST PIT DATA
 LAND OF
 DOMUS DEVELOPERS INC.
 ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22

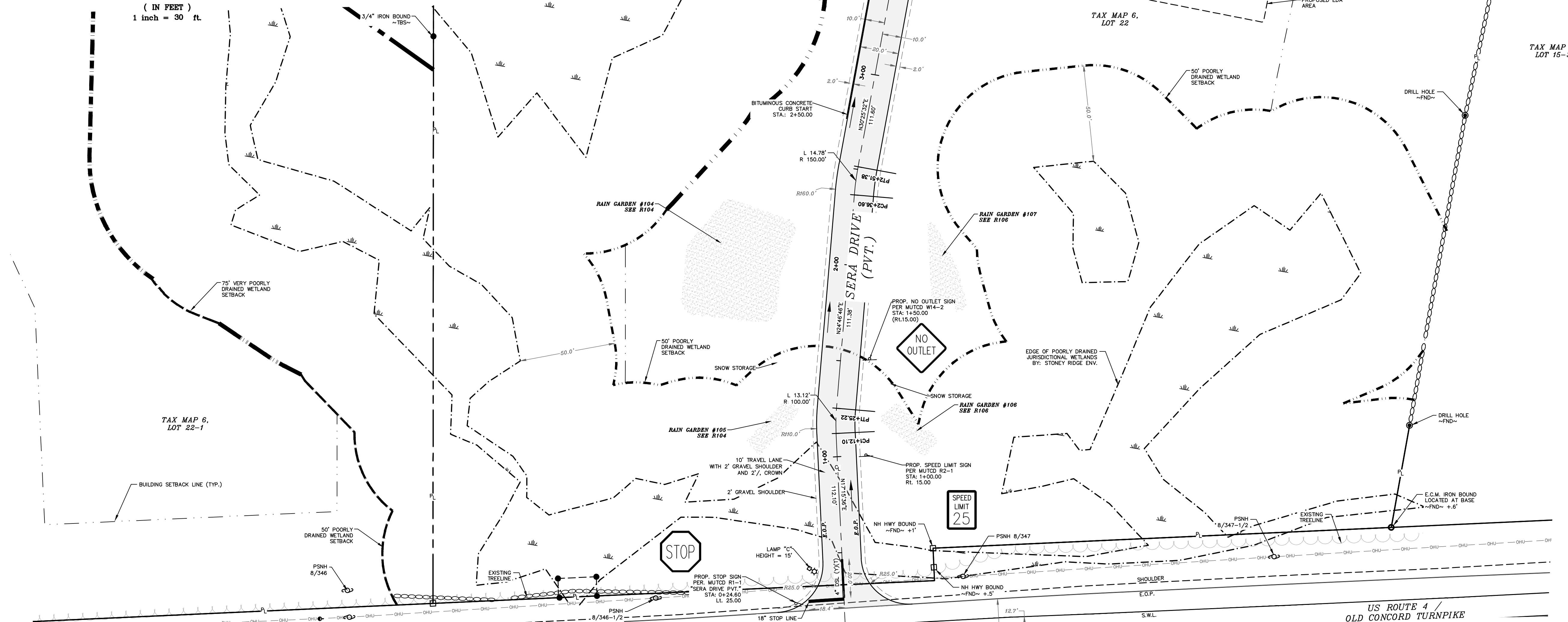
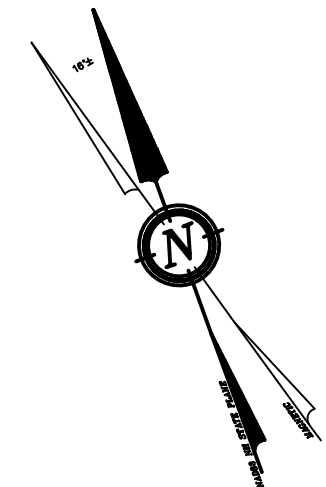
BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE : NONE
 DATE : JUNE 3, 2019
 FILE NO. : DB 2018 - 030



NOTES:

- OWNER: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
- APPLICANT: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
- TAX MAP 6, LOT 22
- LOT AREA: 1,164,698 Sq. Ft., 26.74 ACRES
- R.C.R.D. BOOK 5977, PAGE 2799
- ZONING: COMMERCIAL/INDUSTRIAL & RESIDENTIAL/AGRICULTURAL
SINGLE FAMILY DWELLING:
SETBACKS:
FRONT ~ 50.0'
SIDE ~ 50.0'
REAR ~ 50.0'
WETLANDS SETBACK ~ 50.0' POORLY DRAINED
WETLANDS SETBACK ~ 75.0' VERY POORLY DRAINED
MIN. LOT SIZE ~ 87,120 Sq. Ft.
MIN. LOT FRONTAGE ~ 200.0'
MAX. BLDG. HEIGHT ~ 34'
MULTI-FAMILY DWELLING:
SETBACKS:
FRONT ~ 100.0'
SIDE ~ 100.0'
REAR ~ 100.0'
WETLANDS SETBACK ~ 50.0' POORLY DRAINED
WETLANDS SETBACK ~ 75.0' VERY POORLY DRAINED
MIN. LOT SIZE ~ 87,120 Sq. Ft.
MIN. LOT FRONTAGE ~ 300.0'
MAX. BLDG. HEIGHT ~ 34'
- THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE OVERVIEW SITE DESIGN FOR THE PROPOSED MULTI FAMILY DEVELOPMENT ON TAX MAP 6, LOT 22, KNOWN AS SERA DRIVE.
- 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# - 33015C0115E & MAP# - 33015C0120E, DATED: MAY 17, 2005.
- PROPERTY LINE INFORMATION HAS BEEN OBTAINED FROM A SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING IN AUGUST 2018 WITH AN ERROR OF CLOSURE GREATER THAN 1 IN 11,922 UNDER NO SNOW CONDITIONS.
- SEE OVERVIEW SITE PLAN FOR ALL OTHER STANDARD SITE PLAN NOTES.

GRAPHIC SCALE



REVISION	DATE	DESCRIPTION
#6	11/24/20	REVISED PER CONDITIONS OF APPROVAL
#5A	8/17/20	REVISED PER NHDOT COMMENT
#4	4/28/20	RFM RESPONSE TO AOT
#3	11/13/19	REVISED PER PEER REVIEWS
#2	9/25/19	REVISED PER NHDOT COMMENTS
#1	8/15/19	REVISED FOR AOT APPLICATION

SITE PLAN SERA DRIVE
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22

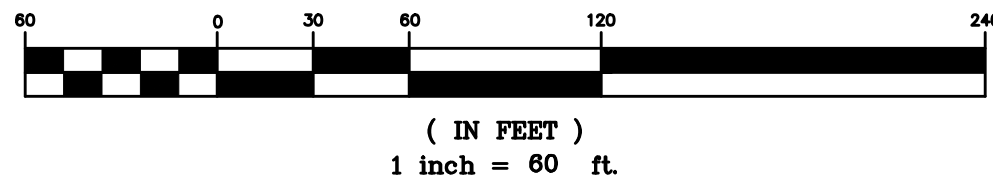
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 30 FT.
DATE: JUNE 3, 2019
FILE NO.: DB 2018 - 030

KENNETH A. BERRY
No. 19474
LICENSED PROFESSIONAL ENGINEER

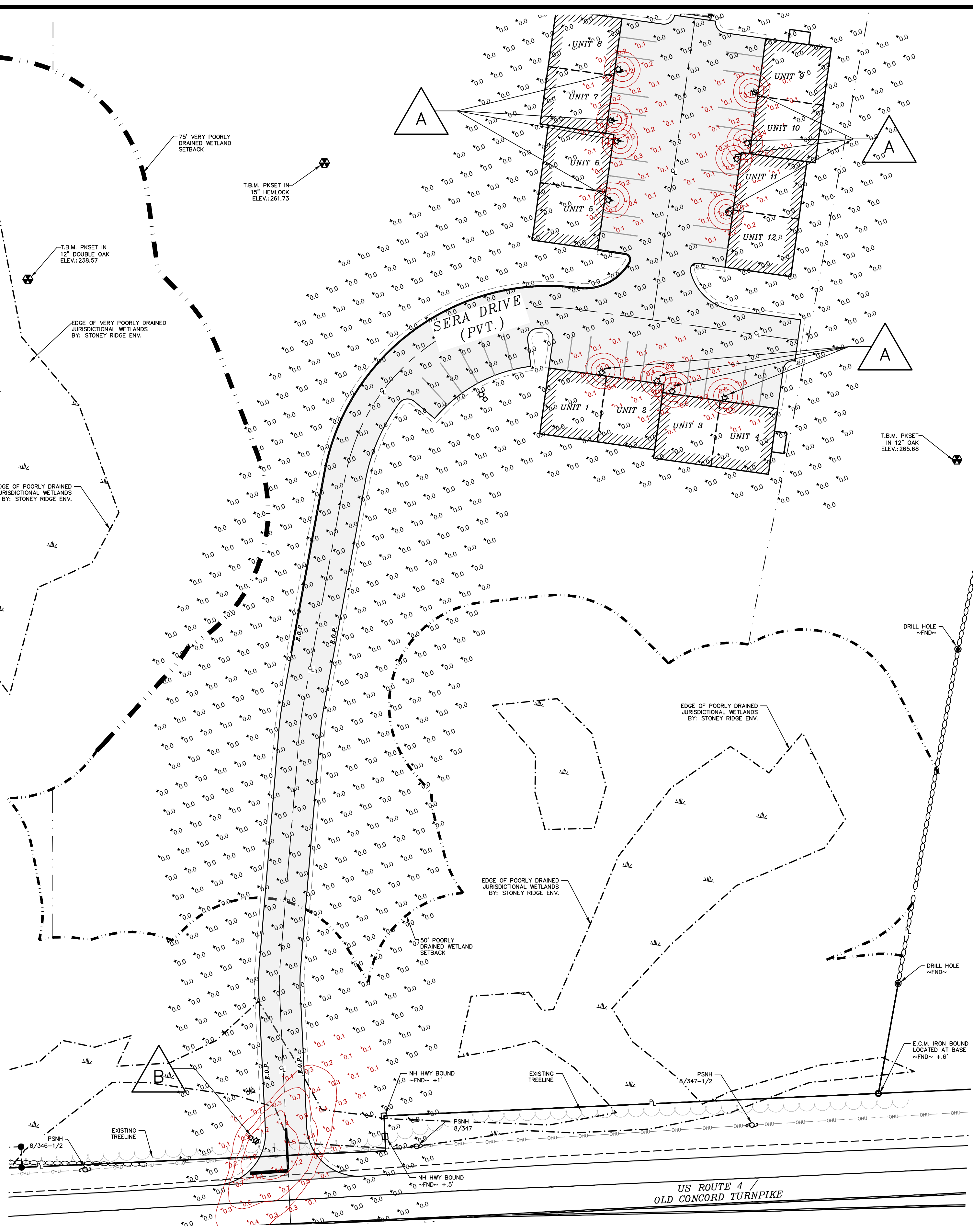
NOTES:

- OWNER: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
- APPLICANT: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
- TAX MAP 6, LOT 22
- LOT AREA: 1,164,698 Sq. Ft., 26.74 ACRES
- R.C.R.D. BOOK 5977, PAGE 2799
- THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE LIGHTING DESIGN FOR THE PROPOSED MULTI FAMILY DEVELOPMENT ON SERA DRIVE.
- ALL LAMPS ARE SHOWN ON THE SITE PLAN WITH LOCATION, TYPE AND HEIGHT.
- SEE CONSTRUCTION DETAILS FOR PRODUCT CUT SHEETS.

GRAPHIC SCALE



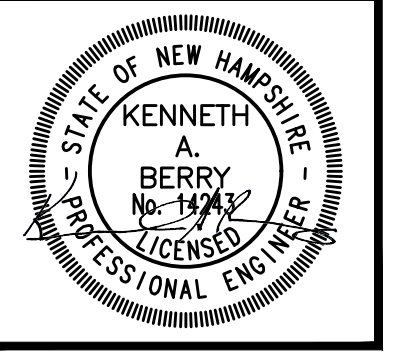
Symbol	Label	QTY	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	LLF	Wattage
	A	12	ODSL10 SRC	CRAFTSTON WALL MOUNTED SMALL DECORATIVE LANTERN, ONE LAMP 13W SPIRAL COMPACT FLUORESCENT, WHITE GLASS DIFFUSER 4.25" DIA., X 6.65" HIGH, ELECTRONIC BALLAST	ONE 13-WATT T4 SPIRAL COMPACT FLUORESCENT, VERTICAL BASE UP POSITION.	1	900	1	12.6
	B	2	DSXWPM LED 20C 700 AMBPC T2M MVOLT HS	DSXWPM LED WITH (2) 10 LED LIGHT ENGINES, TYPE T2M OPTIC, AMBPC, @ 700mA WITH HOUSE-SIDE SHIELDS.	LED	1	2535	1	45.7

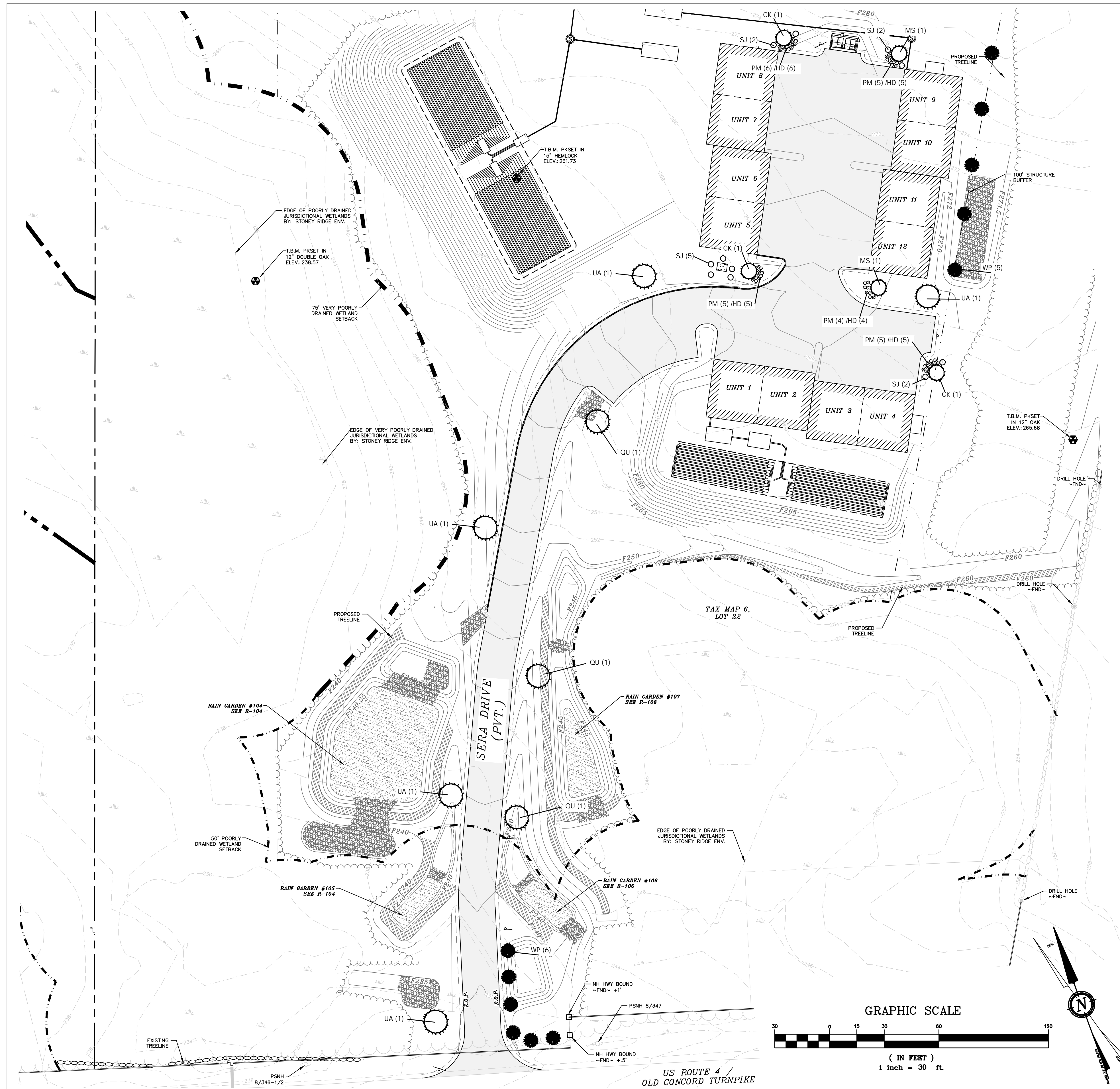


REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED PER CONDITIONS OF APPROVAL
#5	11-23-20	REVISED PER NHDES COMMENT
#4A	8-17-20	REVISED PER NHDOT COMMENT
#3A	5-26-20	REVISED FOR AOT RFMI

LIGHTING PLAN SERA DRIVE
LAND OF
DOMUS DEVELOPERS INC.
ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : 1 IN. EQUALS 30 FT.
DATE : JUNE 3, 2019
FILE NO. : DB 2018 - 030





PLANTING NOTES

1. CONTRACTOR SHALL OBTAIN APPROVAL FROM L.A. PRIOR TO PURCHASING &/OR INSTALLING SUBSTITUTE PLANT MATERIAL PRIOR TO PURCHASE OF ANY SUBSTITUTE MATERIALS.
2. CONSTRUCTION ACCESS WILL BE AS DIRECTED BY L.A. CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF ACCESS ROUTE AND ALL AREAS DISTURBED BY PLANTING OPERATIONS UPON COMPLETION OF CONSTRUCTION OPERATIONS, AT NO ADDITIONAL COST TO THE OWNER.
3. LAYOUT OF ALL PLANTING BEDS AND LOCATION OF PLANTS TO BE APPROVED BY L.A. ON SITE PRIOR TO CONSTRUCTION AND INSTALLATION.
4. CONTRACTOR TO REMOVE ALL DEBRIS GENERATED BY PLANT INSTALLATION. DEBRIS TO BE DISPOSED OF IN A LEGAL MANNER.
5. ALL PLANT MATERIAL SHALL BE GUARANTEED TO BE IN GOOD, HEALTHY & FLOURISHING CONDITION FOR ONE YEAR FROM THE DATE OF FINAL INSTALLATION APPROVAL BY L.A. CONTRACTOR SHALL REPLACE, WITHOUT COST TO OWNER, AND AS SOON AS WEATHER CONDITIONS PERMIT, ALL DEAD AND NON-FLOURISHING PLANTS AS DETERMINED BY THE L.A. REPLACEMENT PLANTS SHALL BE GUARANTEED IDENTICALLY TO ORIGINAL PLANTS, TIME PERIOD COMMENCING FROM DATE OF REPLACEMENT PLANTING APPROVAL BY L.A.
6. ALL BEDS TO BE MULCHED WITH 3" DEPTH SHREDDED BARK MULCH UNLESS NOTED OTHERWISE.
7. CONTRACTOR TO PROVIDE NECESSARY TEMPORARY IRRIGATION IF NEEDED BASED ON TIME OF YEAR THE PROJECT IS IMPLEMENTED.
8. ALL PLANT MATERIAL TO COMPLY WITH THE CITY OF DOVER'S SITE REVIEW REGULATIONS, 149-14(G), SUCH THAT THERE SHALL BE DECIDUOUS SHADE TREES PLANTED 40 FEET O.C. ALONG THE PERIMETER OF THE PARKING LOTS AND SHRUBS PLANTED 5 FEET O.C. WITHIN THE PERIMETER BUFFER. SEE PLANT LIST FOR SPECIES AND SIZE OF PLANTS.

TEMPORARY WATERING NOTES

1. CONTRACTOR IS RESPONSIBLE FOR MAKING SURE ALL PLANT MATERIAL HAS ADEQUATE WATER DURING THE ESTABLISHMENT PERIOD.
2. THE USE OF GATOR BAGS, SOAKER HOSE, HAND WATERING AND OTHER TECHNIQUES SHOULD BE USED TO ASSURE PROPER HYDRATION OF THE PLANTINGS IS MAINTAINED.
3. TEMPORARY IRRIGATION SYSTEMS CAN BE SET UP TO ASSIST IN WATERING ACTIVITIES.

PLANTING SCHEDULE

Sera Drive

Botanical Name / Common Name

Trees	Size	Qty	Label
Magnolia Stellata / Kousa Dogwood	2"-2.5" Cal.	2	MS
Cornus Kousa / Kousa Dogwood	2"-2.5" Cal.	3	CK
Ulmus americana 'Princeton' / Princeton American Elm	2"-2.5" Cal.	5	UA
Quercus / Oak	2"-2.5" Cal.	3	QU
Pinus Strobus / White Pine	2"-2.5" Cal.	11	WP

Shrubs	Size	Qty	Label
Spiraea japonica 'Neon Flash' / Neon Flash Spirea	#3	11	SJ

Perennials	Size	Qty	Label
Hemerocallis 'Big Time Happy' / Big Time Happy Daylily	#1	25	HD
Hemerocallis 'Pardon Me' / Pardon Me Daylily	#1	25	PM

General Plant Maintenance Guide

- General Plant Bed Maintenance:**
- All plant maintenance should be performed by a qualified horticulturalist or licensed arborist. Cleaning the dead material out of the planting bed in the fall helps keep litter from building up around the plants and in some cases killing the plants. Watering the first year during dry periods will help get the plants established. Mulching every year is not necessary. Raking the old mulch and turning it over is all that is needed. When necessary only install one inch of mulch and do not place the mulch closer than 3" to the trunks or stems of woody plants.
- Trees**
- The first year watering during dry periods will be necessary.
 - 3" inches of mulch maybe used. The mulch should be kept 3 inches from the trunk.
 - Fertilizing is not necessary for the first year. Fertilizing in subsequent years only when and if the foliage is looking weak.
 - Fertilization should occur prior to Mat 31" or after trees have dropped their leaves for the year.
 - Prune dead wood once a year.
 - Depending on the amount of compaction the bed area receives, deep root aeration may be needed over time
- Woody Shrubs**
- The first year watering during dry periods will be necessary.
 - 3" inches of mulch maybe used. The mulch should be kept 3 inches from the stems.
 - Fertilizing is not necessary for the first year. Fertilizing in subsequent years only when and if the foliage is looking weak.
 - Fertilization should occur prior to Mat 31" or after shrubs have dropped their leaves or gone dormant for the year.
 - Prune dead wood once a year.
- Grasses**
- Grasses only need to be clipped back at the end of the growing season and all the clippings removed from the area.
 - Do not over mulch. Too much mulch will prohibit the grass from developing into a strong clump.
- Perennials**
- All perennials need to be pruned back after the first or second hard frost. A two-step method: first dead head all the flower heads and let drop to the ground for re-seeding. Second cut the stems back to 3" above the ground and remove the stem and leaf litter and place in compost. Do not over mulch. Too much mulch will prohibit the growth and development
 - Fertilizing perennials once in the spring with a low phosphate fertilizer will help the plants to get started in the spring.



311 kast hill road
hopkinton, nh 03229
603. 491. 2322
terrainplanning.com

U.S. ROUTE 4
"SERVA DRIVE"

Site Location:
U.S. ROUTE 4
NOTTINGHAM, NH
Tax Map: 6
Lot: 22

Prepared For:
Berry Surveying & Engineering
335 Second Crown Point Rd
Barrington, NH 03825

LANDSCAPE PLAN

DATE: 6/3/2019

SCALE: 1" = 30'

PROJECT #: 18-030

Drawn By: ID

Checked By: ERB

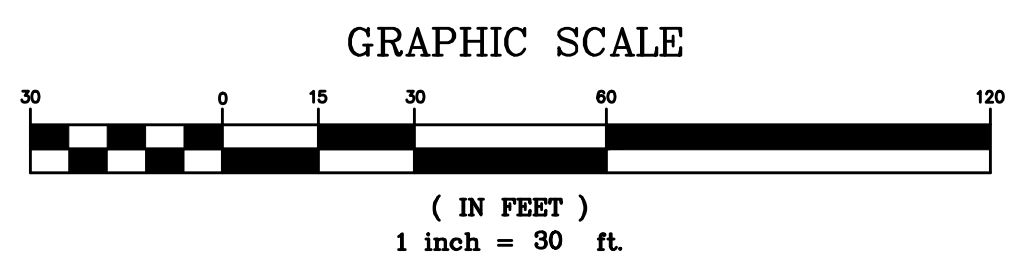
REVISIONS: _____ DATE: _____
Issued for Client Review



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SHEET 10 OF 32

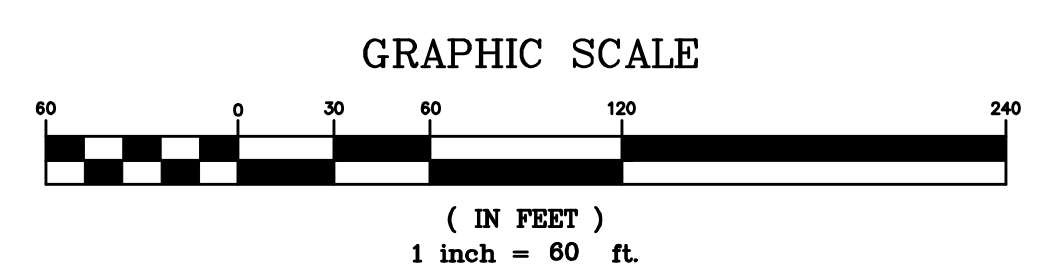
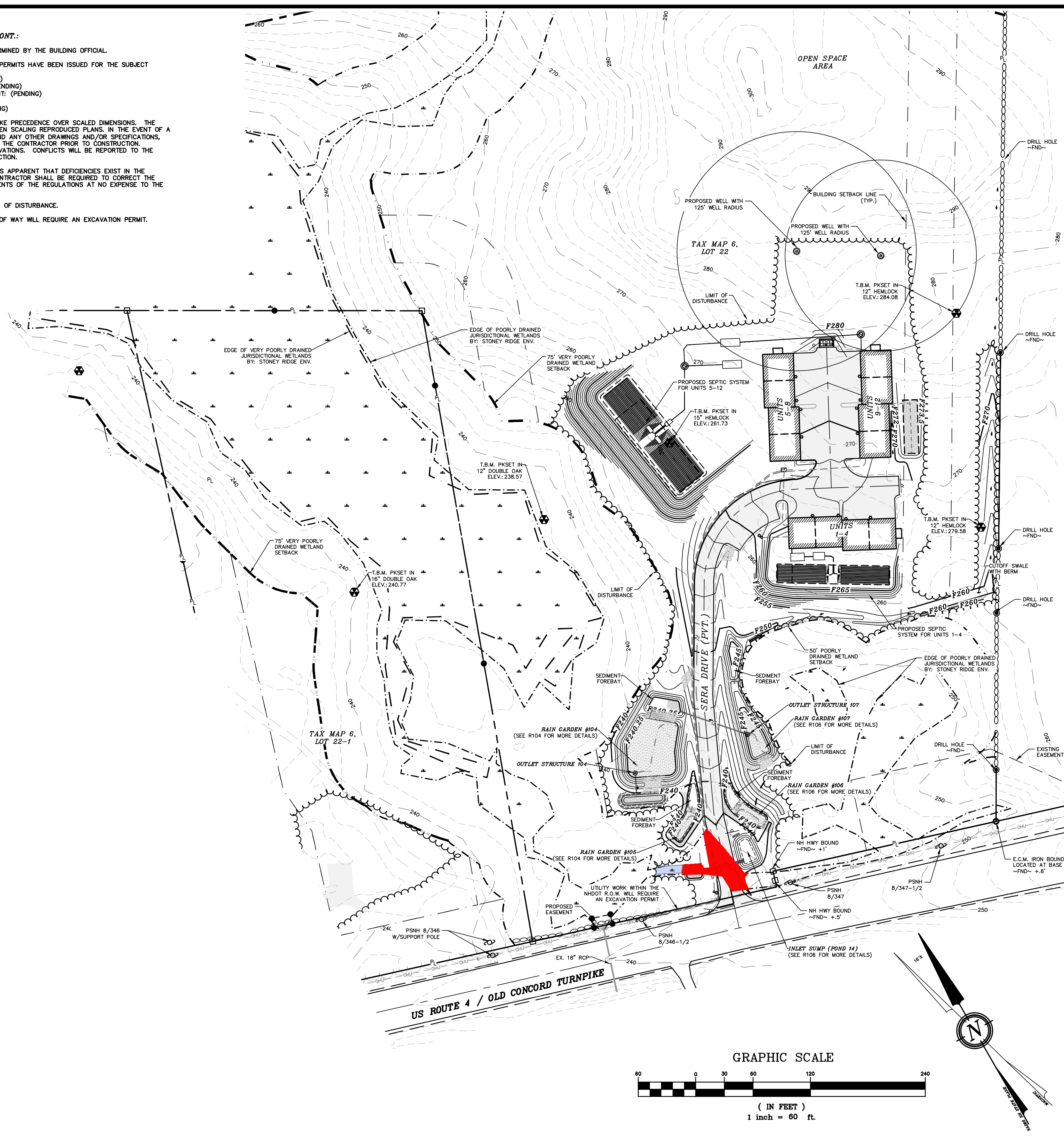


STANDARD CONSTRUCTION NOTES:

- 1.) OWNER: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
- 1A.) APPLICANT: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
- 2.) TAX MAP 6, LOT 22
- 3.) LOT AREA: 1,164,698 Sq. Ft., 26.74 ACRES
- 4.) R.C.R.D. BOOK 5977, PAGE 2799
- 5.) THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAIL OF SERA DRIVE.
- 6.) EXISTING CONDITIONS INFORMATION IS BASED ON A SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING AND IS ENCLOSED IN THIS PACKAGE.
- 7.) 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.
- 8.) 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.
- 9.) TOPOGRAPHIC SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING IN THE SUMMER OF 2018.
- 10.) 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.
- 11.) 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.
- 12.) 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.
- 13.) SEE DETAILS CONCERNING SITE LAYOUT, DRAINAGE, UTILITY AND SEDIMENT AND EROSION CONTROLS.
- 14.) SEE SEDIMENT & EROSION CONTROL PLAN FOR INLET PROTECTION AND CONTROLS FOR THE ENTIRE SITE.
- 15.) 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 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.
- 16.) THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.
- 17.) 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.
- 18.) CONTRACTOR SHALL TAKE SPECIAL CARE IN NOT DISTURBING EXISTING MONUMENTS BOUNDS, AND OR BENCHMARKS WITHOUT FIRST MAKING PROVISIONS FOR RELOCATION.
- 19.) 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.
- 20.) FINAL UTILITY LOCATIONS TO BE COORDINATED BETWEEN THE CONTRACTOR, ALL APPROPRIATE UTILITY COMPANIES AND THE TOWN OF NOTTINGHAM.
- 21.) 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.
- 22.) CONTRACTOR SHALL COORDINATE ALL CABLE AND TELECOMMUNICATIONS INSTALLATIONS WITH COMCAST.
- 23.) ALL NEW ON-SITE UTILITIES SHALL BE INSTALLED UNDERGROUND.
- 24.) THE SUBDIVISION WILL BE SERVED BY ONSITE WELL AND SEPTIC SYSTEMS.
- 25.) 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).
- 26.) ALL SYMBOLS, WORDS, TRANSVERSE MARKINGS (STOP BARS, CROSSWALK LINES, AND RAILROAD SYMBOLS), LANE LINES, AND ALL OTHER MARKINGS NOTED WITH [!] SHALL BE THERMOPLASTIC
- 27.) ALL DISTURBED AREAS NOT DESIGNATED TO BE PAVED SHALL HAVE LOAM PLACED AND SEEDDED. 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.
- 28.) 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.
- 29.) 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.
- 30.) 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.
- 31.) BERMS ARE TO BE CONSTRUCTED WITH HIGH QUALITY CLAY OR LOAMY 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.
- 32.) 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.
- 33.) ALL DRAINAGE PIPE IS TO BE HDPE N-12 ASTM F2848. (GREEN PIPE) INDIVIDUAL PIPE SIZES ARE SPECIFIED.
- 34.) UPON FINAL COMPLETION AND 85% STABILIZATION THE DRAINAGE SYSTEM IS TO BE CLEANED OF ALL DEBRIS TO INCLUDE THE PUMPING OF THE BASIN SUMPS.
- 35.) ALL BASINS AND DRAINS ARE TO HAVE BOOTS INSTALLED ON ALL INLETS AND OUTLETS.
- 36.) 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".
- 37.) ALL TREATMENT SWALE TO BE CONSTRUCTED SHALL HAVE SOD BOTTOMS UNLESS OTHERWISE INSTRUCTED BY THE DESIGN ENGINEER DURING CONSTRUCTION.
- 38.) 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.
- 39.) 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.

STANDARD CONSTRUCTION NOTES CONT.:

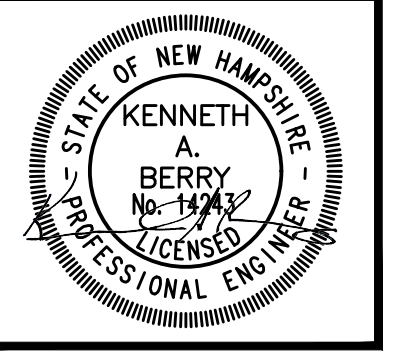
- 40.) BUILDING ADDRESSES SHALL BE DETERMINED BY THE BUILDING OFFICIAL.
- 41.) THE FOLLOWING FEDERAL AND STATE PERMITS HAVE BEEN ISSUED FOR THE SUBJECT PROPERTY:
NHDES SUBDIVISION PERMIT: (PENDING)
NHDES WETLANDS IMPACT PERMIT: (PENDING)
NHDES ALTERATION OF TERRAIN PERMIT: (PENDING)
CONDITIONAL USE PERMIT: (PENDING)
EPA NOTICE OF INTENT (NOI): (PENDING)
- 42.) 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. CONTRACTOR IS TO CONFIRM ALL ELEVATIONS. CONFLICTS WILL BE REPORTED TO THE DESIGN ENGINEER PRIOR TO CONSTRUCTION.
- 43.) 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.
- 44.) THIS PLAN PROPOSED 155,000 Sq. Ft. OF DISTURBANCE.
- 45.) ANY WORK WITHIN THE NHDOT RIGHT OF WAY WILL REQUIRE AN EXCAVATION PERMIT.

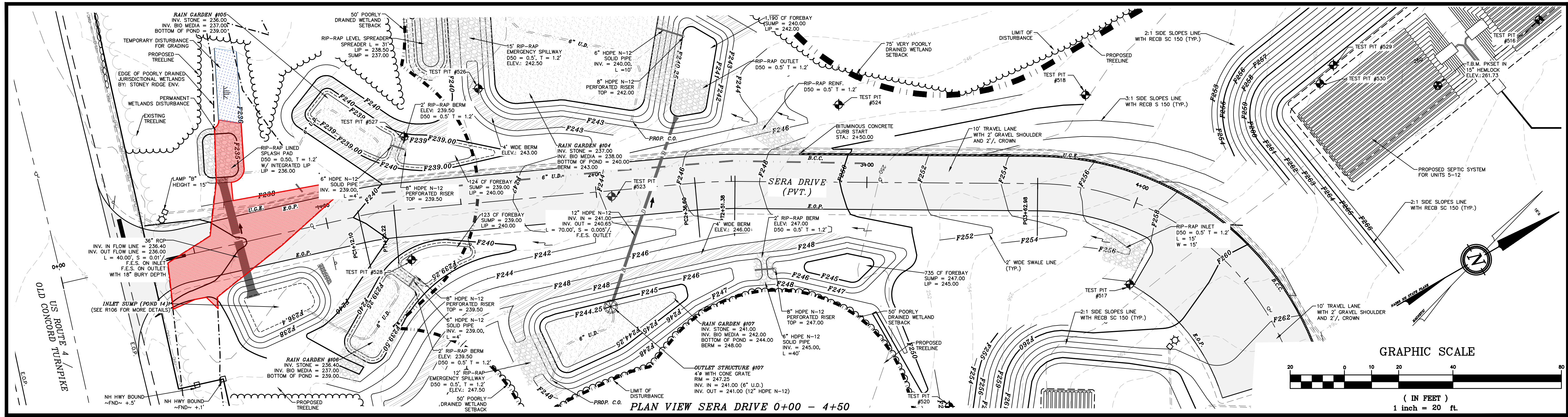


REVISION	DATE	DESCRIPTION
#1	8/15/19	REVISED FOR AOT APPLICATION
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#6	11/24/20	REVISED PER CONDITIONS OF APPROVAL

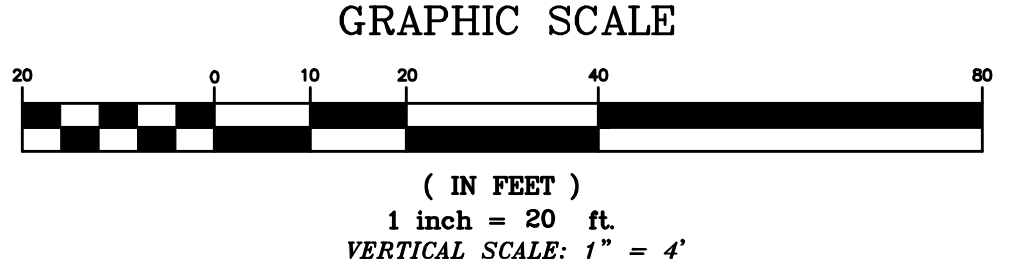
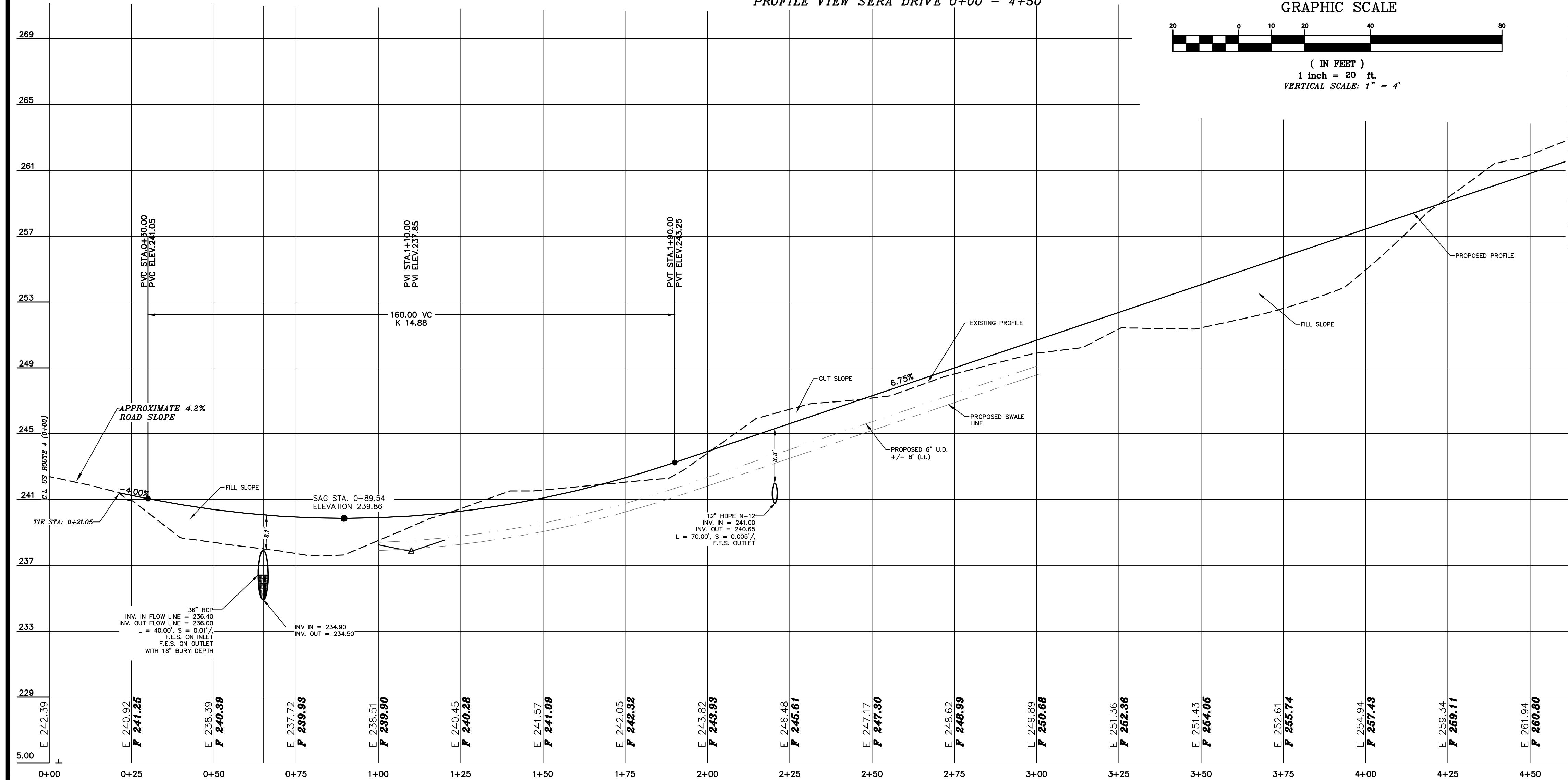
OVERVIEW GRADING PLAN
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 60 FT.
DATE: JUNE 3, 2019
FILE NO.: DB 2018 - 030





PLAN VIEW SERA DRIVE 0+00 - 4+50
 PROFILE VIEW SERA DRIVE 0+00 - 4+50

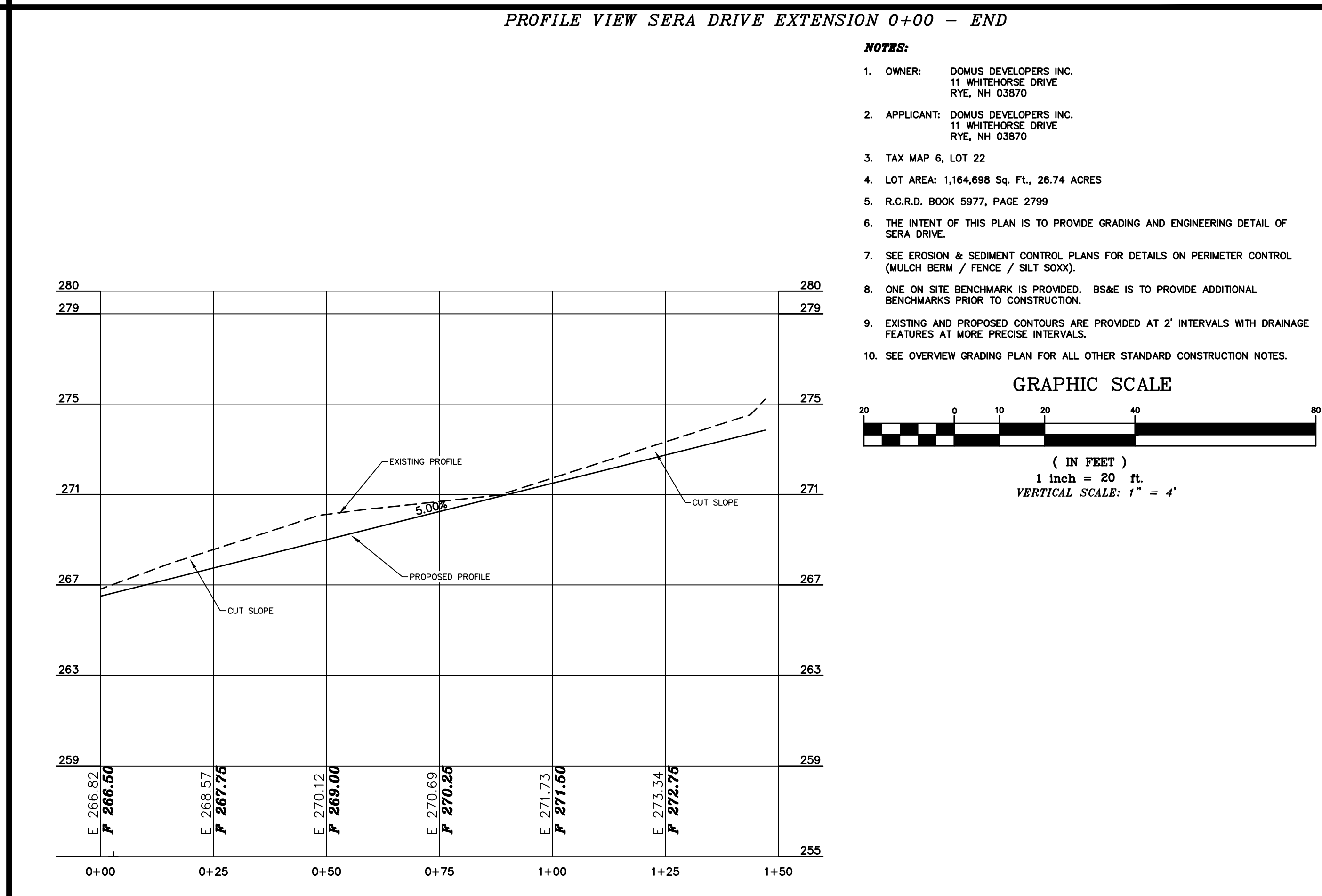
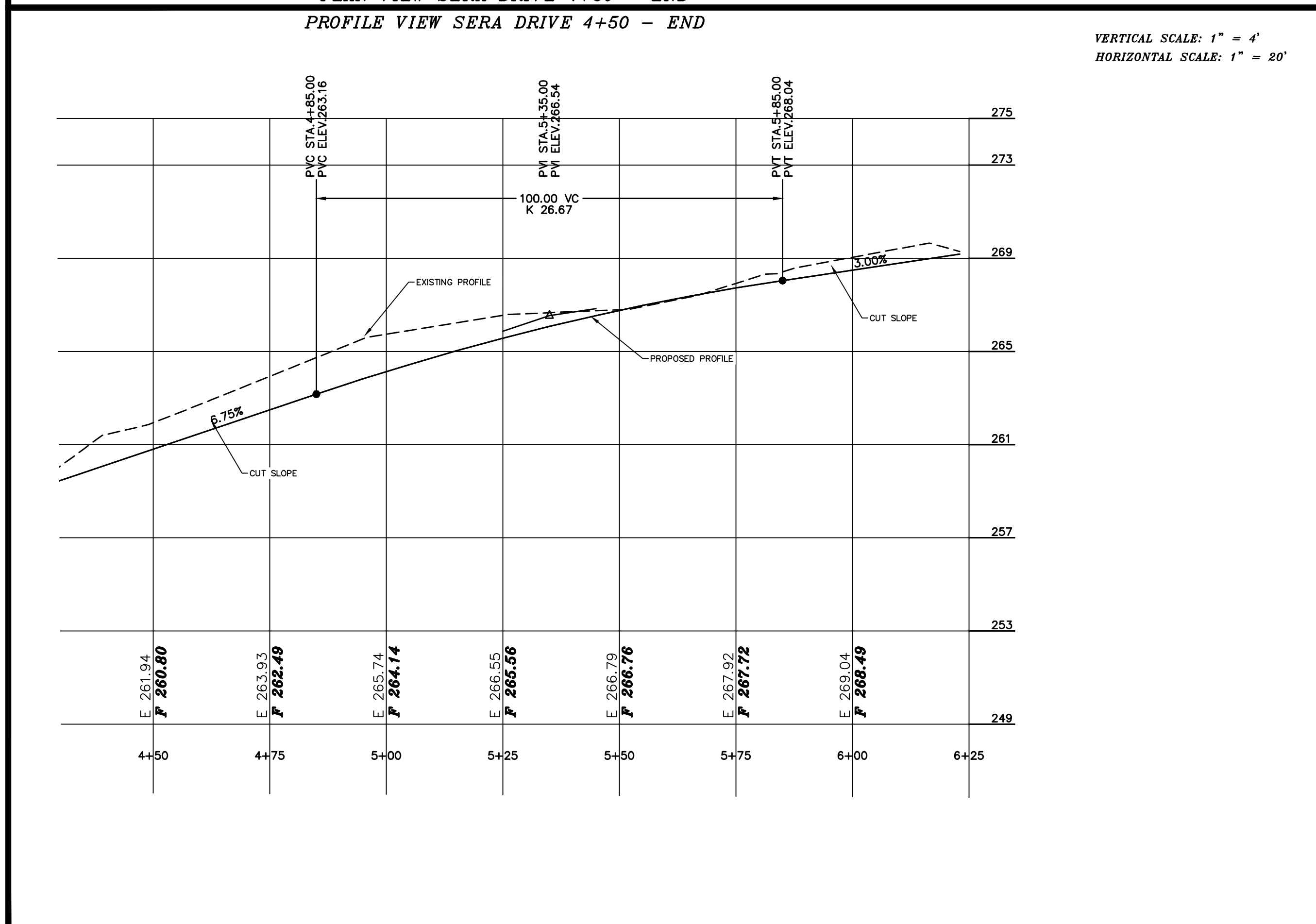
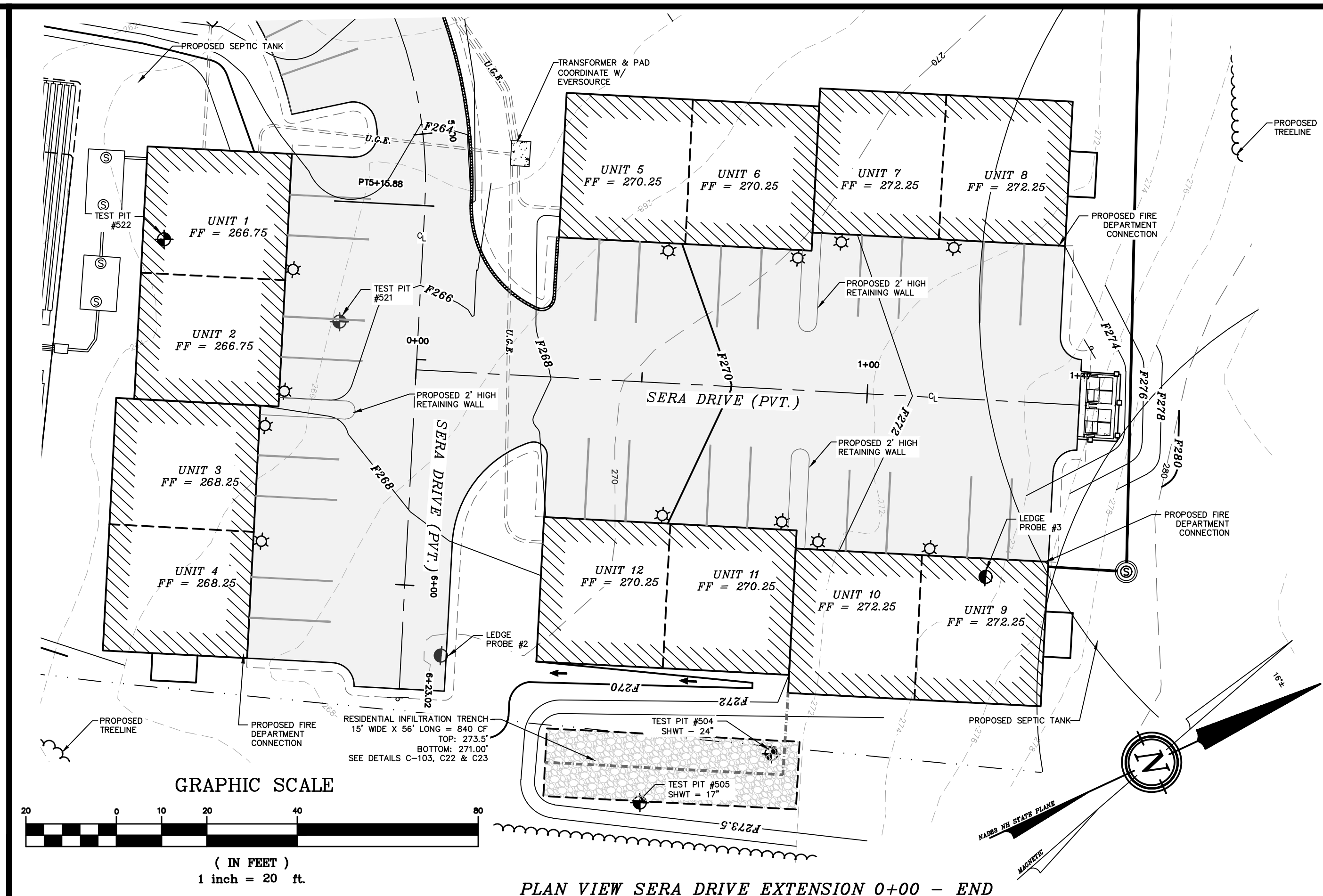
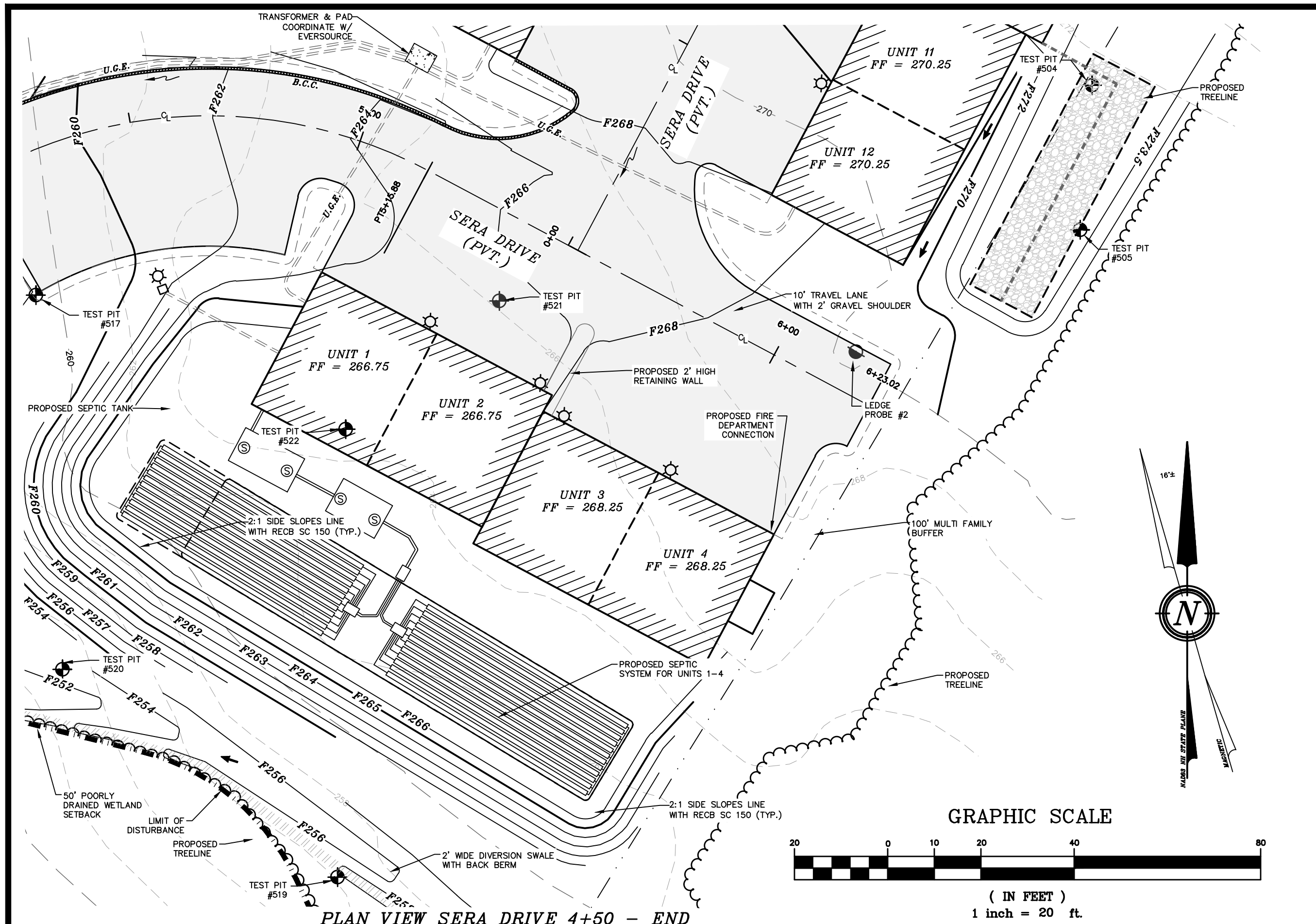


- NOTES:**
- OWNER: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
 - APPLICANT: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
 - TAX MAP 6, LOT 22
 - LOT AREA: 1,164,698 Sq. Ft., 26.74 ACRES
 - R.C.R.D. BOOK 5977, PAGE 2799
 - THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAIL OF SERA DRIVE.
 - SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MULCH BERM / FENCE / SILT SOXX).
 - ONE ON SITE BENCHMARK IS PROVIDED. BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
 - EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 2' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.
 - SEE OVERVIEW GRADING PLAN FOR ALL OTHER STANDARD CONSTRUCTION NOTES.

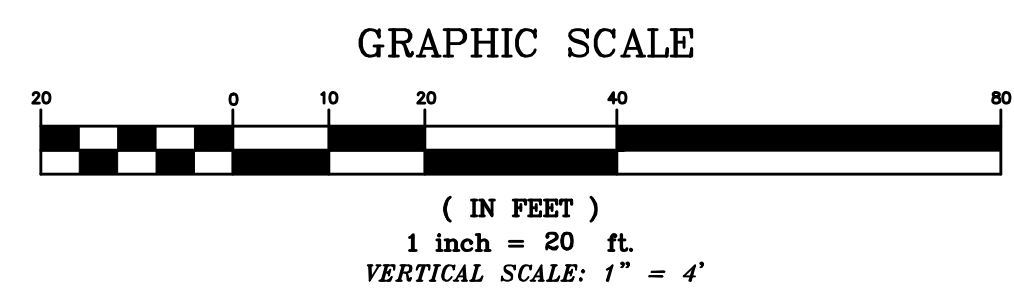
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#6	11/24/20	REVISED PER CONDITIONS OF APPROVAL
#5A	8/17/20	REVISED PER NHDOT COMMENT
#4	4/28/20	RFM RESPONSE TO AGT
#3	11/13/19	REVISED PER PEER REVIEWS
#2	9/25/19	REVISED PER NHDOT COMMENTS
#1	8/15/19	REVISED FOR AGT APPLICATION

PLAN & PROFILE SERA DRIVE 0+00 TO 4+50
 LAND OF
 DOMUS DEVELOPERS INC.
 US ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE: 1 IN. EQUALS 20 FT.
 DATE: JUNE 3, 2019
 FILE NO.: DB 2018 - 030



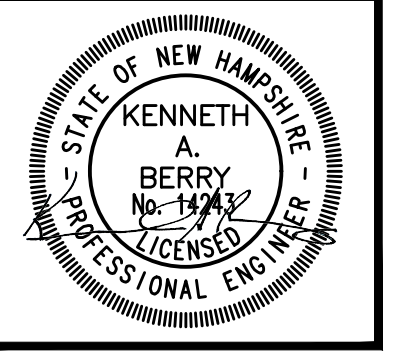
- NOTES:**
- OWNER: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
 - APPLICANT: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
 - TAX MAP 6, LOT 22
 - LOT AREA: 1,164,698 Sq. Ft., 26.74 ACRES
 - R.C.R.D. BOOK 5977, PAGE 2799
 - THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAIL OF SERA DRIVE.
 - SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MULCH BERM / FENCE / SILT SOXX).
 - ONE ON SITE BENCHMARK IS PROVIDED. BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
 - EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 2' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.
 - SEE OVERVIEW GRADING PLAN FOR ALL OTHER STANDARD CONSTRUCTION NOTES.



REVISION	DATE	DESCRIPTION
#6	11/24/20	REVISED PER CONDITIONS OF APPROVAL
#5A	8/17/20	REVISED PER NHDOT COMMENT
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#3	11/13/19	REVISED PER PEER REVIEWS
#2	9/25/19	REVISED PER NHDOT COMMENTS
#1	8/15/19	REVISED FOR AOT APPLICATION

PLAN & PROFILE SERA DRIVE 4+50 TO END & EXTENSION
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 20 FT.
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BIORETENTION FILTER MEDIA MIXTURES			
Component Material	Percent of Mixture by Volume	Gradation of material	
		Sieve No.	Percent by Weight Passing Standard Sieve
Bioretention Filter Media Option A			
ASTM C-33 concrete sand	50 to 55		
Loamy sand topsoil, with fines as indicated	20 to 30	200	15 to 25
Moderately fine shredded bark or wood fiber mulch, with fines as indicated	20 to 30	200	< 5

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

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

RAIN GARDEN MIX

THE GRASS THAT IS PLANTED WITHIN A RAIN GARDEN BIO-FILTRATION SYSTEM WITHIN THE BIO-MEDIA MUST CONSIST OF A COMBINATION OF WARM SEASON GRASS SEED AND COLD SEASON GRASS SEED IN ORDER FOR THE GRASS TO START GROWING FOR STABILIZATION AND CONTINUE GROWING IN THE SANDY WELL-DRAINED ENVIRONMENT. PLANTING SPECIFICATION WILL MEET THE REQUIREMENTS AS OUTLINED IN "VEGETATION NEW HAMPSHIRE SAND AND GRAVEL PITS" MIX 1 (WARM SEASON GRASSES) (15 LBS/AC) AND INCLUDE ANNUAL AND PERENNIAL RYE GRASS SEED (15 LBS/AC); THE NEW ENGLAND NATIVE WARM SEASON GRASS MIX (23 LBS/AC) BY NEW ENGLAND WETLAND PLANTS, INC.; RAIN GARDEN MIX 180 (15 LBS/AC & 15 LBS/AC OF RYE) / RAIN GARDEN GRASS MIX 180-1 (20 LBS/AC & 10 LBS/AC OF RYE) BY ERNST CONSERVATION SEEDS; OR APPROVED EQUAL.

NOTES

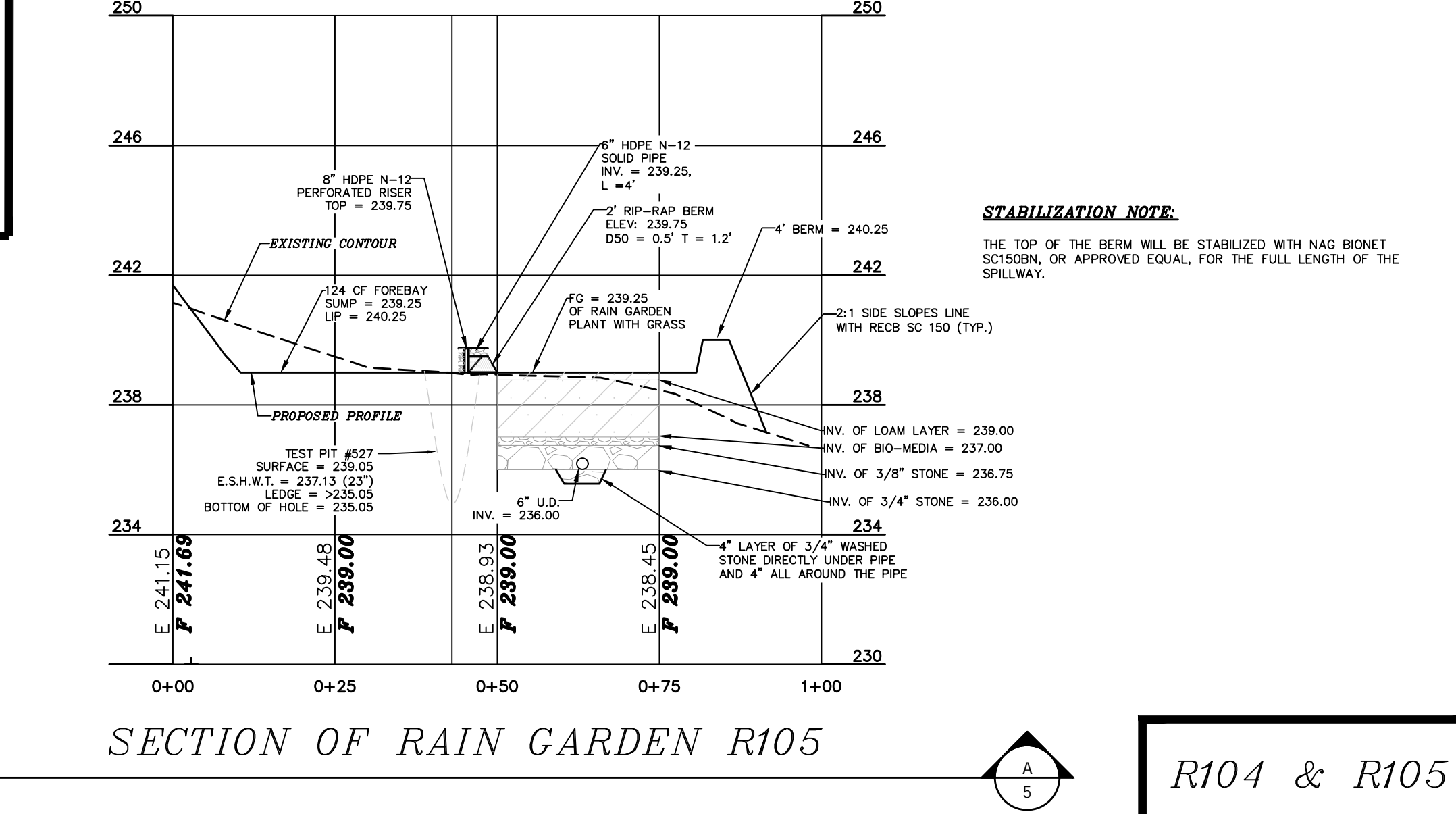
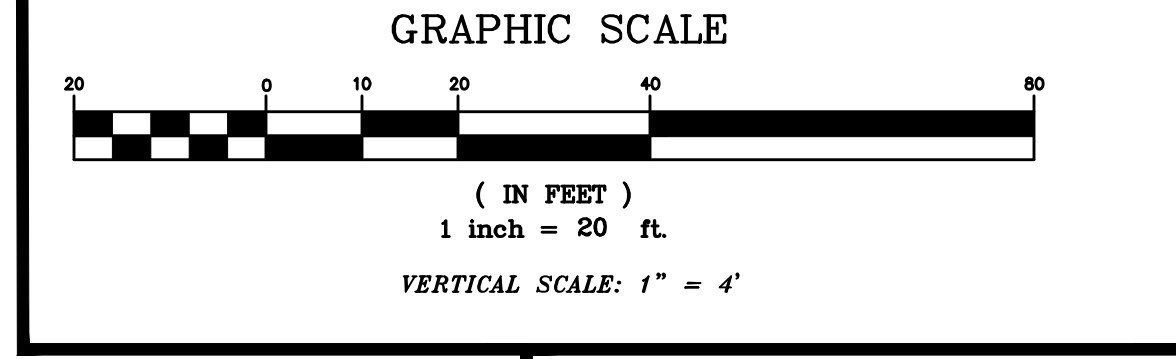
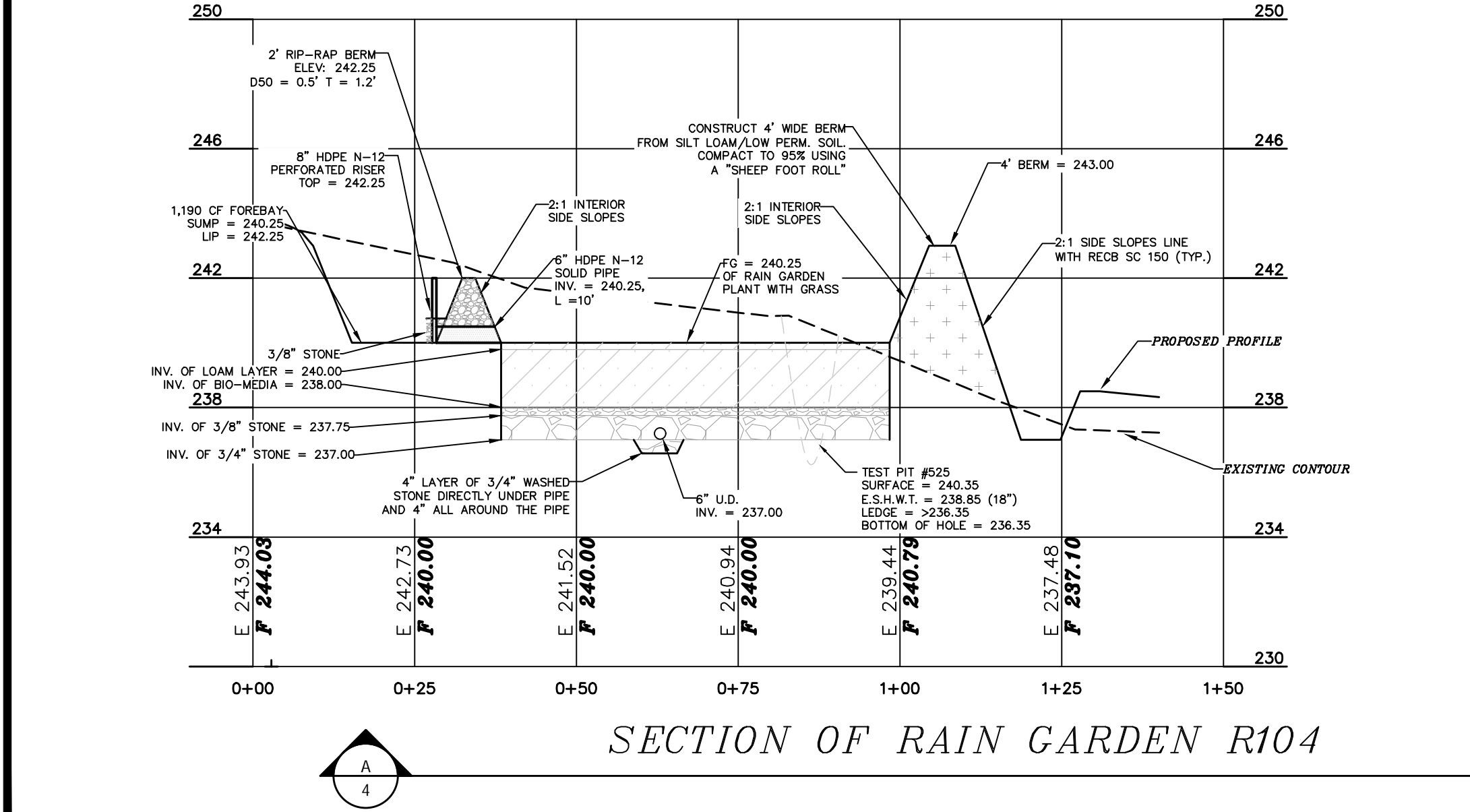
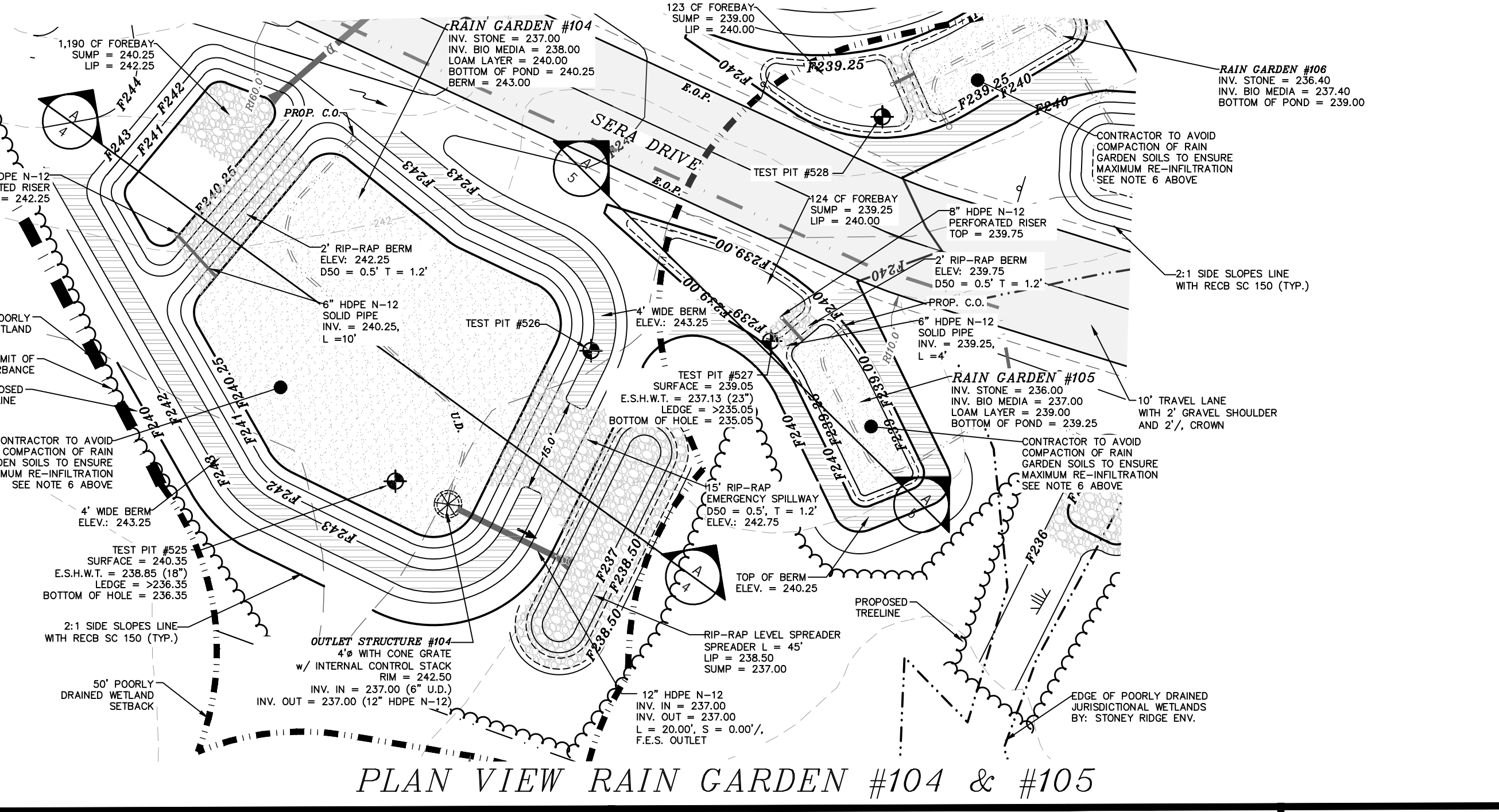
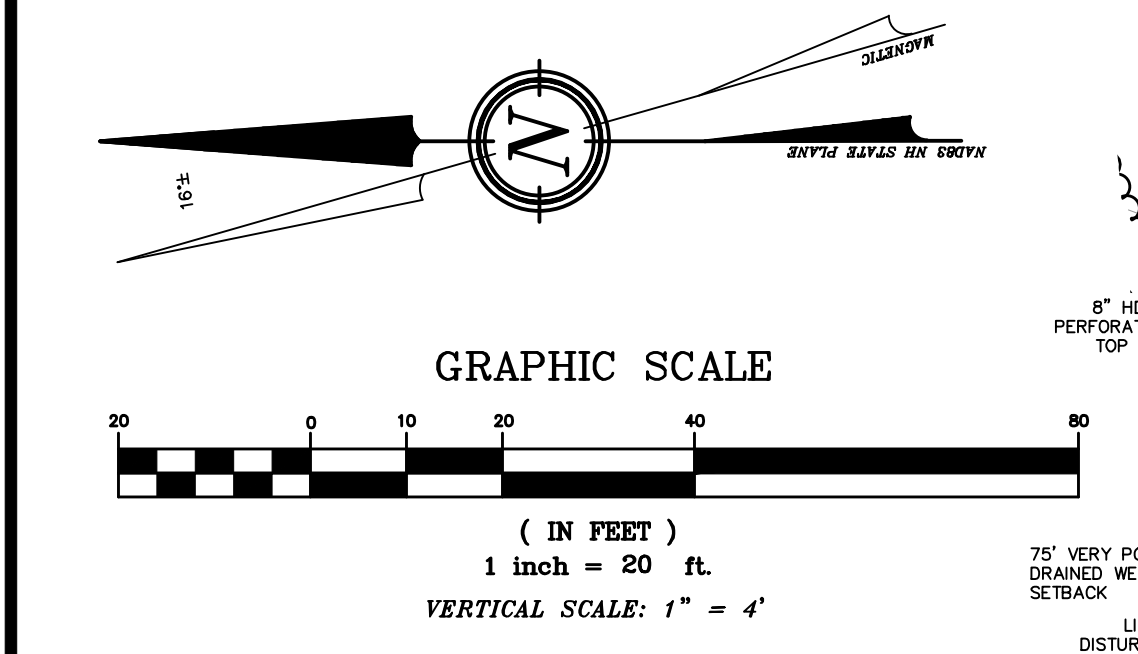
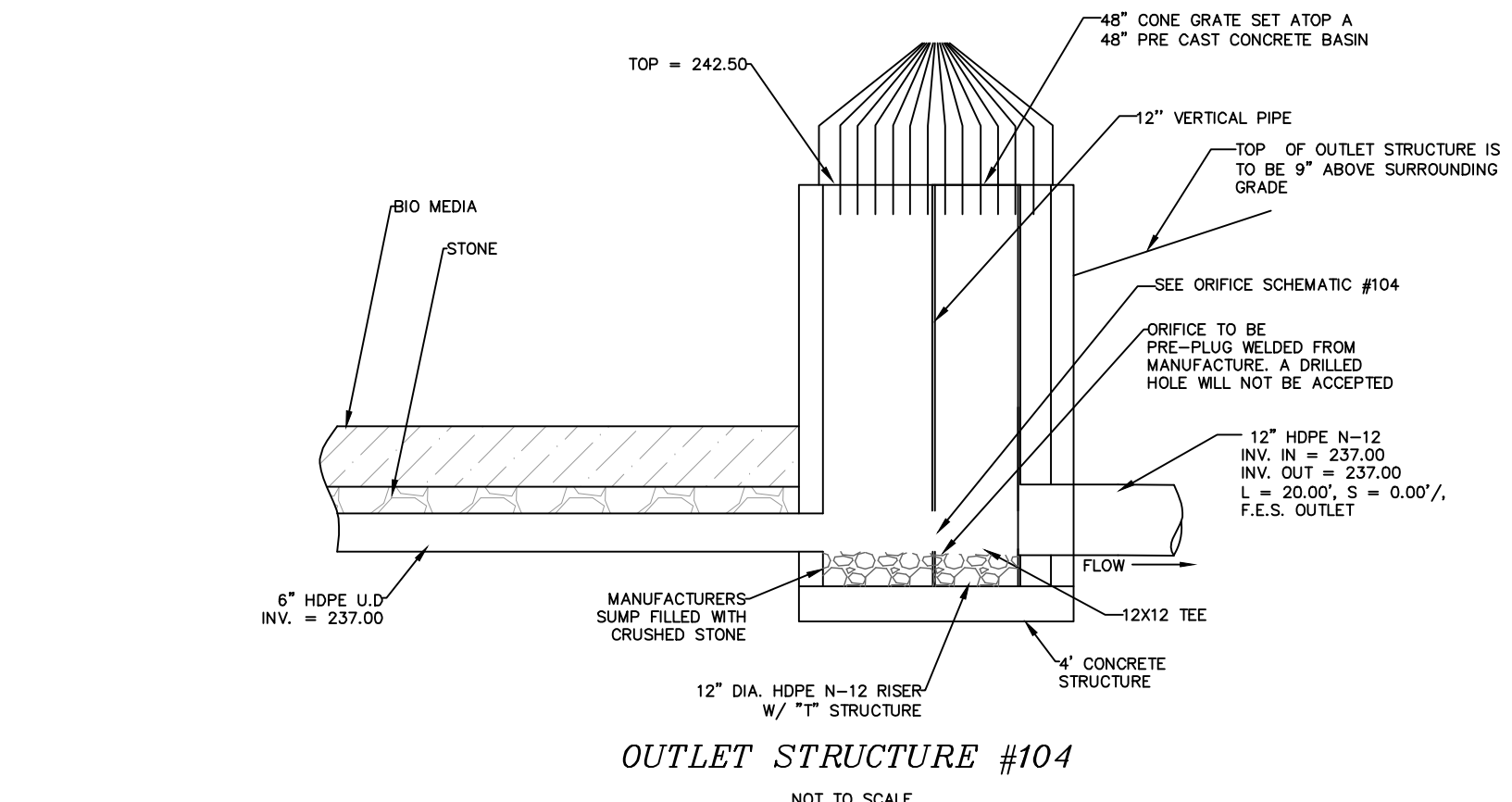
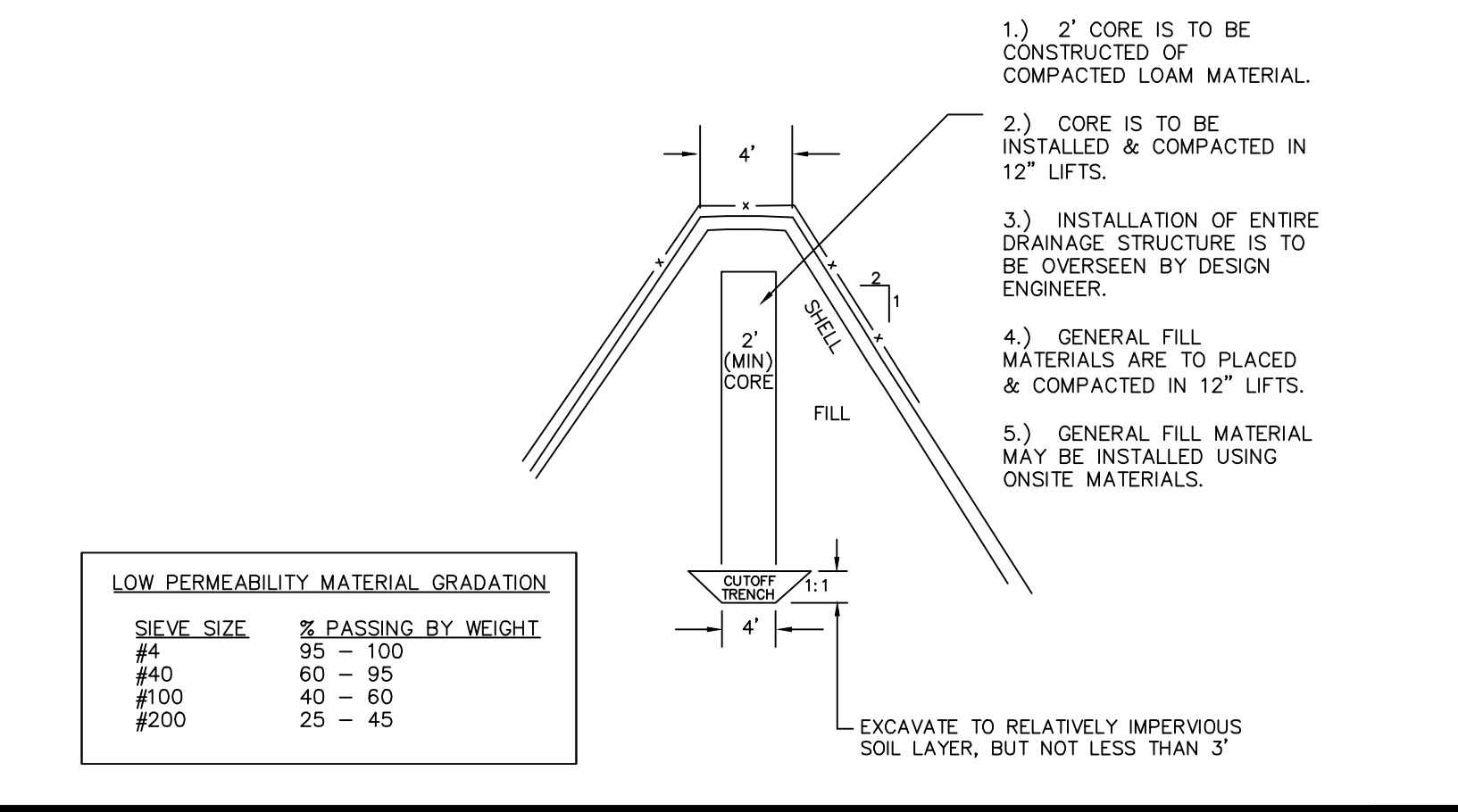
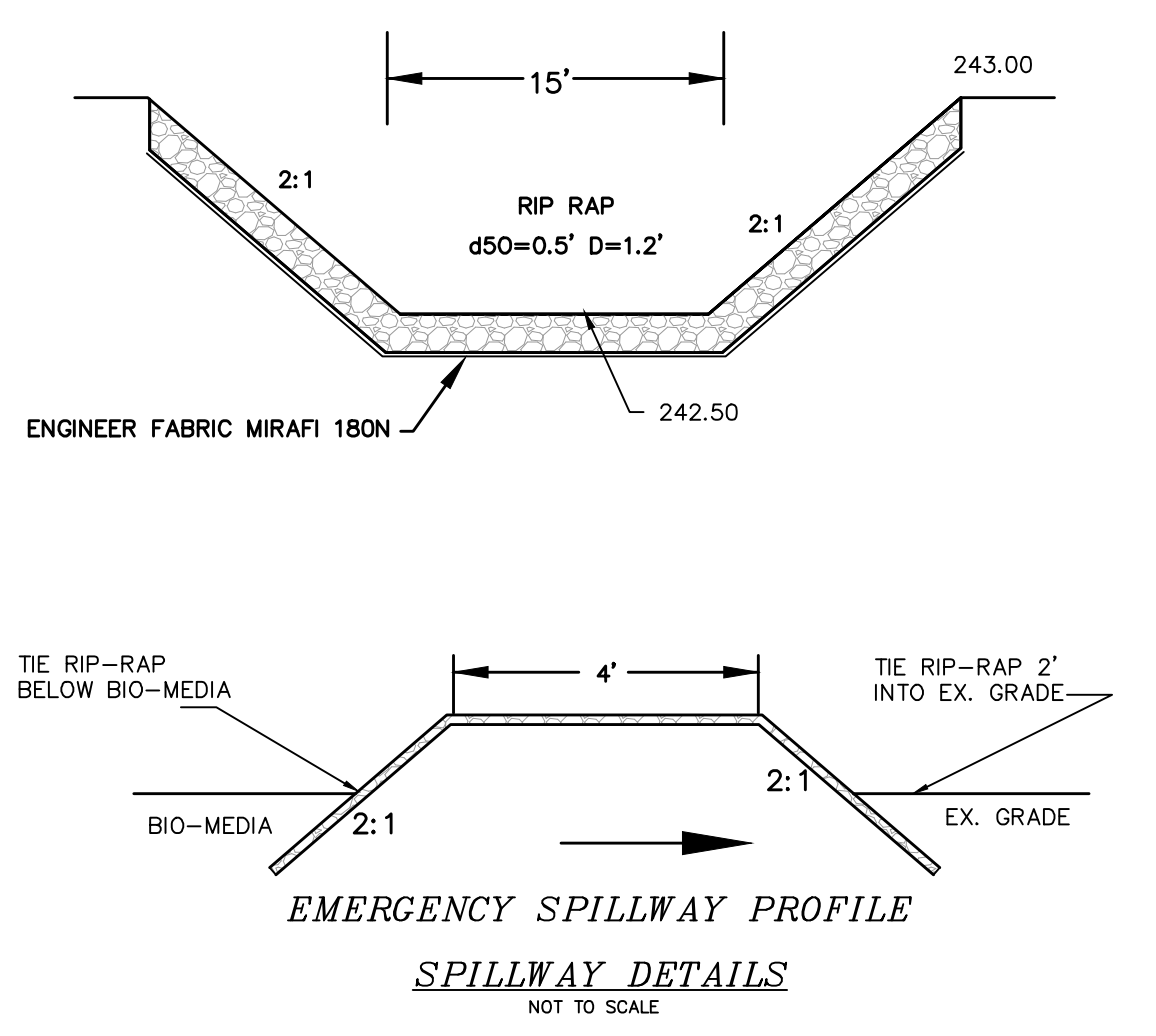
- WHEN CONTRACTOR EXCAVATES RAIN GARDEN AREA TO SUBGRADE, DESIGN ENGINEER SHALL PERFORM SUBSURFACE EVALUATION PRIOR TO THE PLACEMENT OF ANY SELECT MATERIAL OR OTHER BACKFILL.
- SOIL BIORETENTION FILTER MEDIA SHALL BE AS SHOWN ABOVE. "BIO MEDIA" MEANS BIORETENTION FILTER MEDIA.
- COMPACTION IS NOT TO OCCUR IN THE RAIN GARDEN AREAS PRIOR TO CONSTRUCTION. SCARIFICATION REQUIRED IN THE EVENT COMPACTION TAKES PLACE.
- DO NOT PLACE THE BIORETENTION SYSTEM INTO SERVICE UNTIL THE BMP HAS BEEN PLANTED AND ITS CONTRIBUTING AREAS HAVE BEEN FULLY STABILIZED.
- DO NOT DISCHARGE SEDIMENT-LADEN WATERS FROM CONSTRUCTION ACTIVITIES (RUNOFF WATER FROM EXCAVATIONS) TO THE BIORETENTION AREA DURING ANY STAGE OF CONSTRUCTION.
- DO NOT TRAFFIC EXPOSED SOIL SURFACE WITH CONSTRUCTION EQUIPMENT. IF FEASIBLE PERFORM EXCAVATIONS WITH EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE INFILTRATION COMPONENTS OF THE SYSTEM.

MAINTENANCE REQUIREMENTS

- SYSTEMS SHOULD BE INSPECTED AT LEAST TWICE ANNUALLY, AND FOLLOWING ANY RAINFALL EXCEEDING 2.5 INCHES IN A 24-HOUR PERIOD, WITH MAINTENANCE OR REHABILITATION CONDUCTED AS A WARRANTED BY SUCH INSPECTION. THE HOME OWNERS ASSOCIATION SHALL BE RESPONSIBLE FOR THE LONG TERM MAINTENANCE OF THE PROPOSED DRAINAGE SYSTEMS.
- PRETREATMENT MEASURES SHOULD BE INSPECTED AT LEAST TWICE ANNUALLY, AND CLEANED OF ACCUMULATED SEDIMENT AS WARRANTED BY INSPECTION, BUT NO LESS THAN ONCE ANNUALLY.
- AT LEAST ONCE ANNUALLY, SYSTEM SHOULD BE INSPECTED FOR DROWDOWN TIME. IF BIORETENTION SYSTEM DOES NOT DRAIN WITHIN 72-HOURS FOLLOWING A RAINFALL EVENT, THEN A QUALIFIED PROFESSIONAL SHOULD ASSESS THE CONDITION OF THE FACILITY TO DETERMINE MEASURES REQUIRED TO RESTORE FILTRATION FUNCTION OR INFILTRATION FUNCTION (AS APPLICABLE), INCLUDING BUT NOT LIMITED TO REMOVAL OF ACCUMULATED SEDIMENTS OR RECONSTRUCTION OF THE FILTER MEDIA.
- VEGETATION SHOULD BE INSPECTED AT LEAST ANNUALLY, AND MAINTAINED IN HEALTHY CONDITION, INCLUDING, PRUNING, REMOVAL, AND REPLACEMENT OF DEAD OR DISEASED VEGETATION, AND REMOVAL OF INVASIVE SPECIES.

DESIGN REFERENCES

- UHM STORMWATER CENTER
- NEW HAMPSHIRE STORMWATER MANAGEMENT MANUAL, VOLUME 2, DECEMBER 2008 AS AMENDED.



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#5	11-23-20		REVISED PER NHDES COMMENT
#4A	8-17-20		REVISED PER NHDOT COMMENT
#3A	5-26-20		REVISED FOR AOT RFM

RAIN GARDEN #104 & #105
 LAND OF
 DOMUS DEVELOPERS INC.
 ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE: 1 IN. EQUALS 20 FT.
 DATE: JUNE 3, 2019
 FILE NO.: DB 2018 - 030

R104 & R105
 SHEET 14 OF 32

BIORETENTION FILTER MEDIA MIXTURES			
Component Material	Percent of Mixture by Volume	Gradation of material	
		Sieve No.	Percent by Weight Passing Standard Sieve
Bioretention Filter Media Option A			
ASTM C-33 concrete sand	50 to 55		
Loamy sand topsoil, with fines as indicated	20 to 30	200	15 to 25
Moderately fine shredded bark or wood fiber mulch, with fines as indicated	20 to 30	200	< 5

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

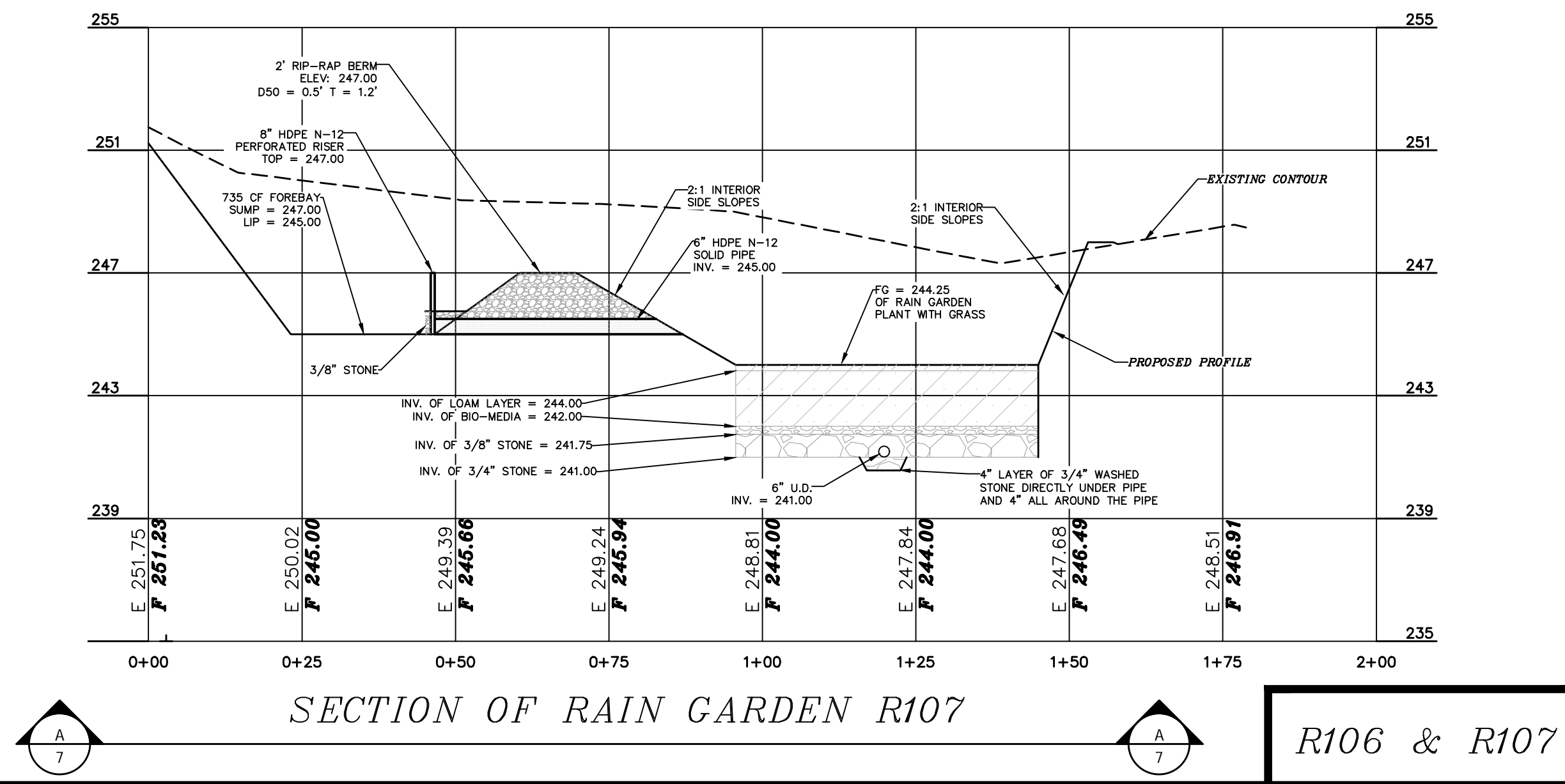
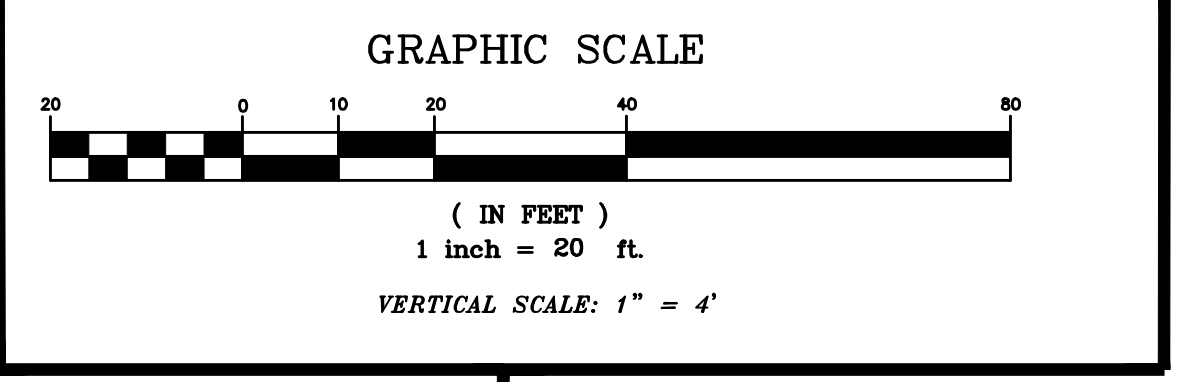
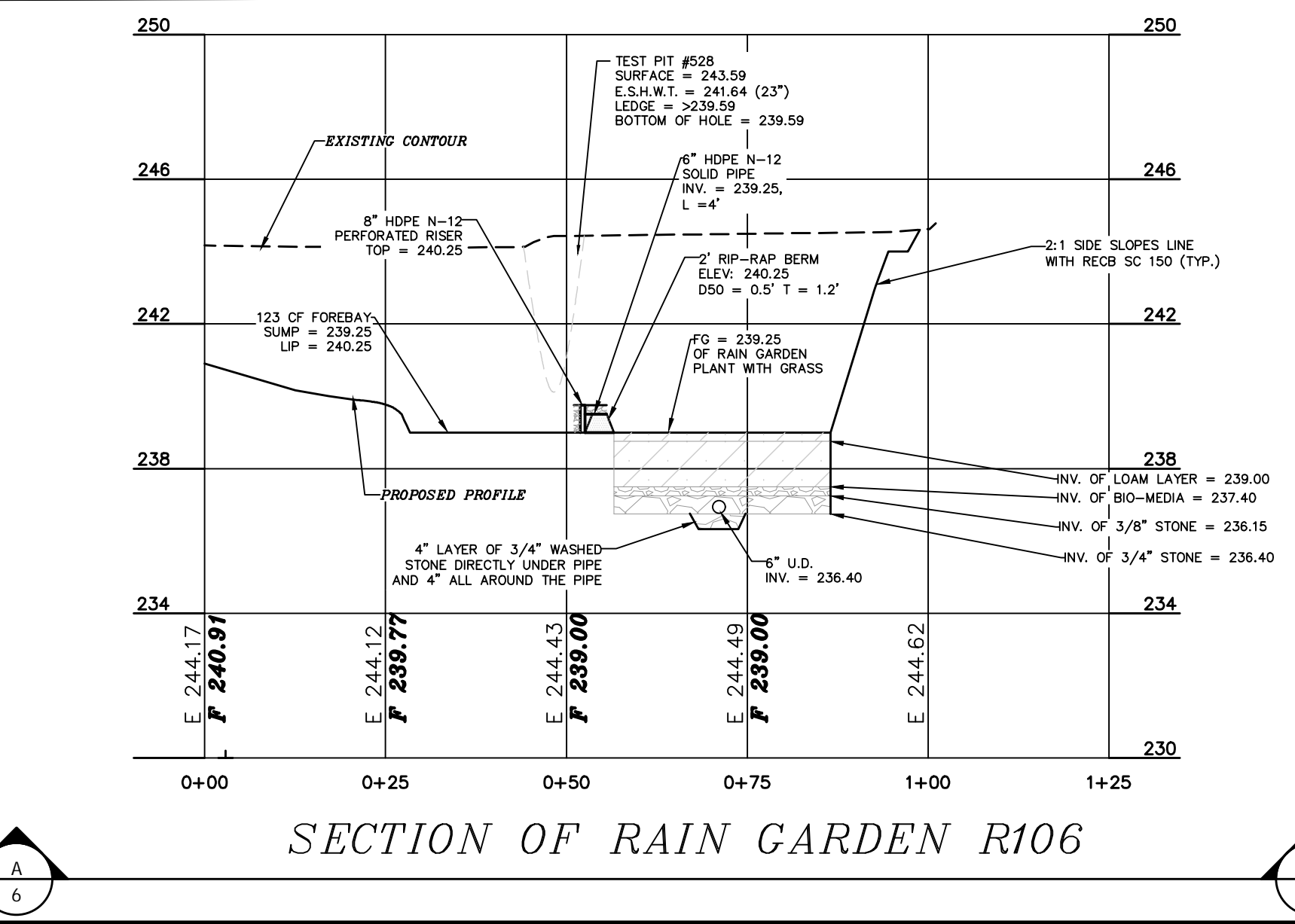
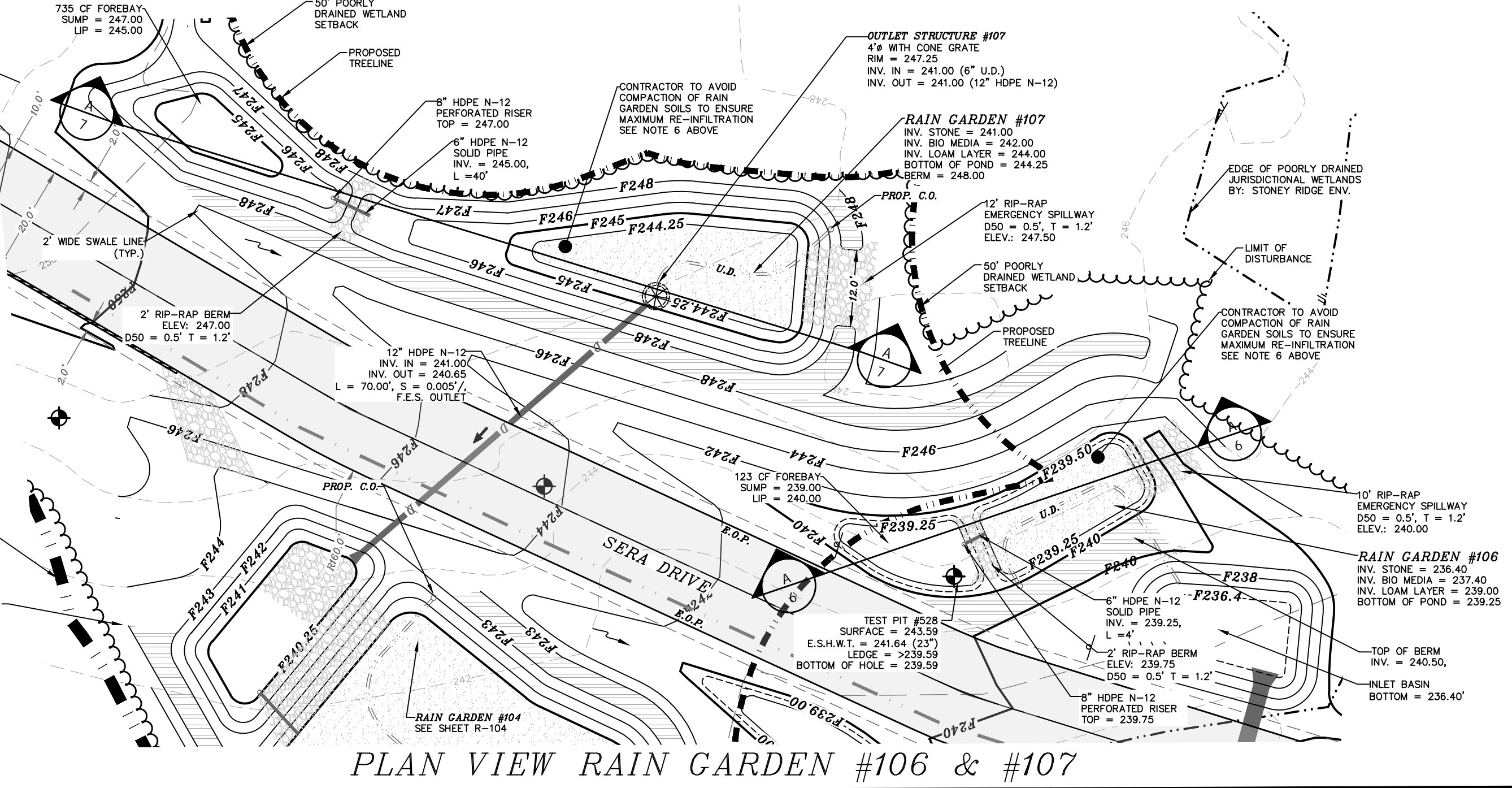
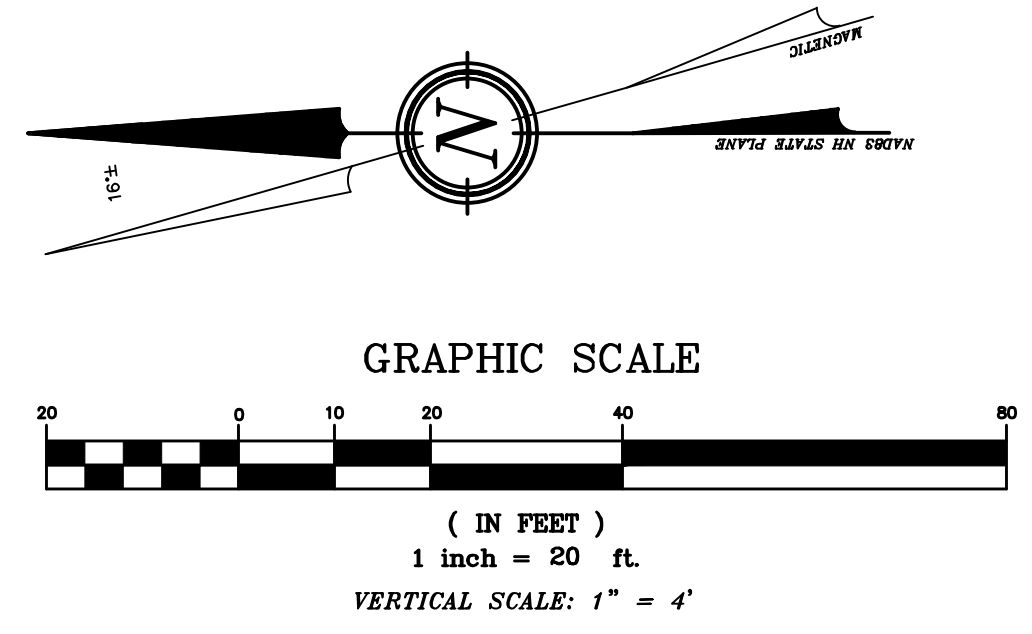
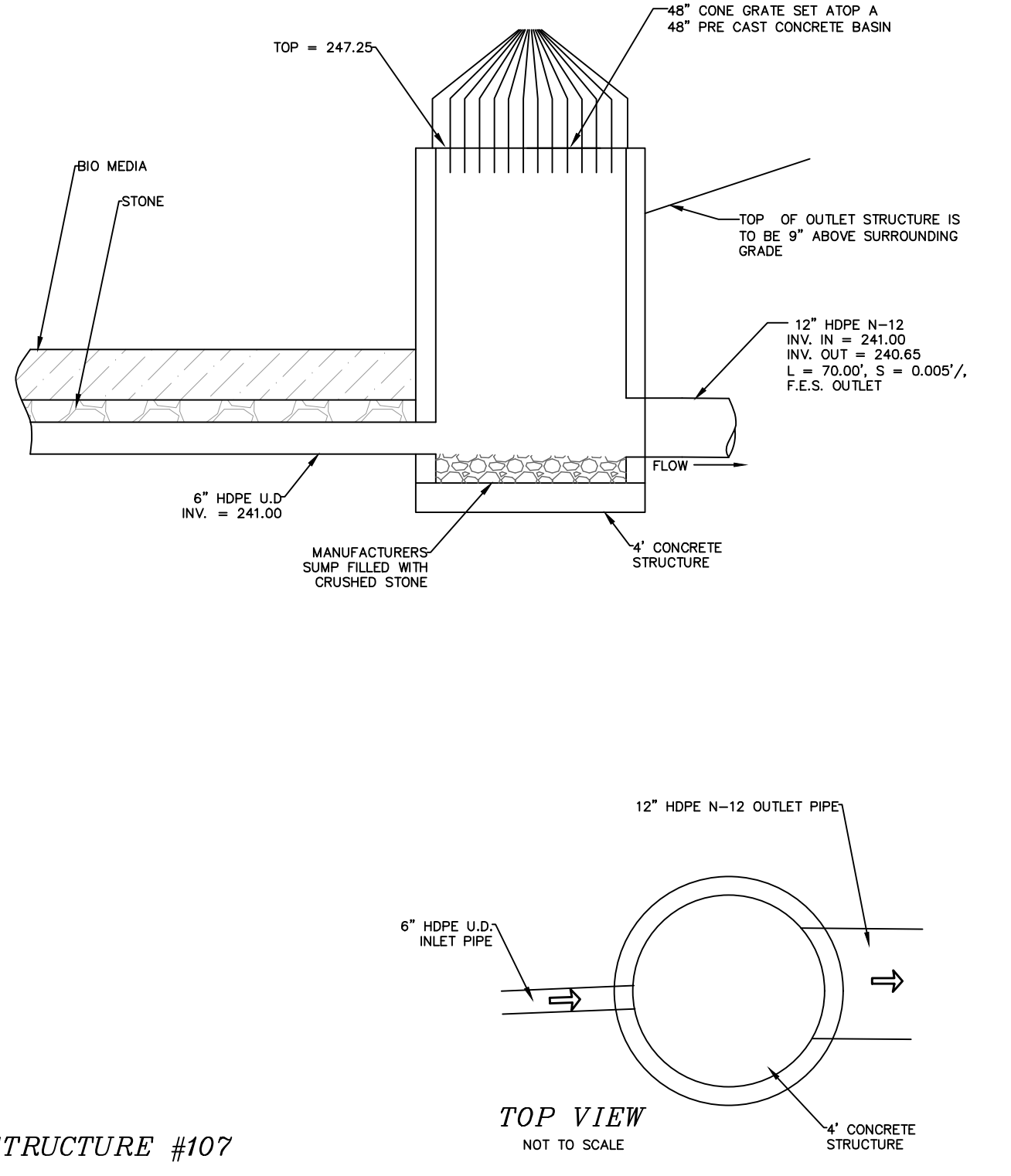
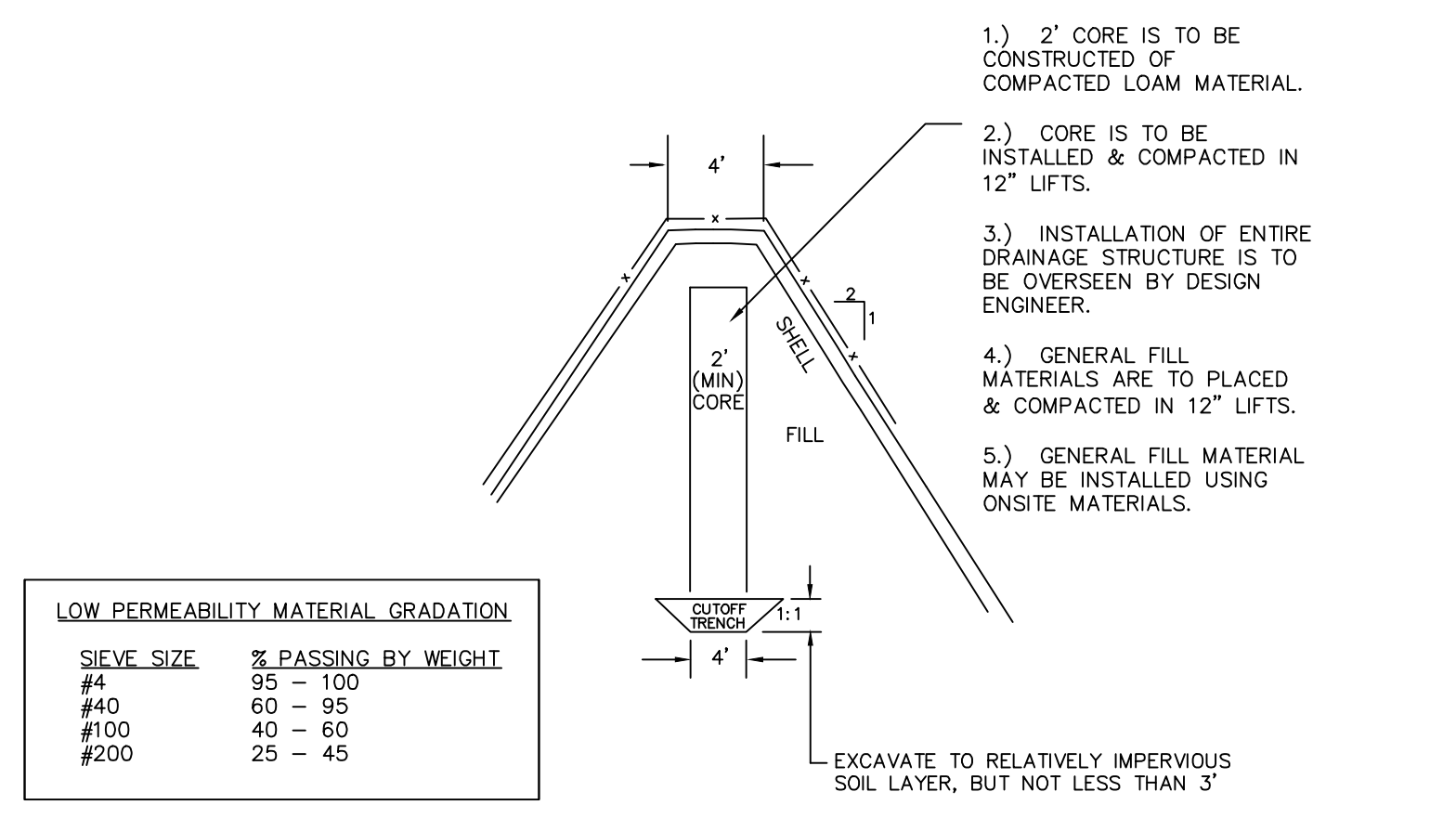
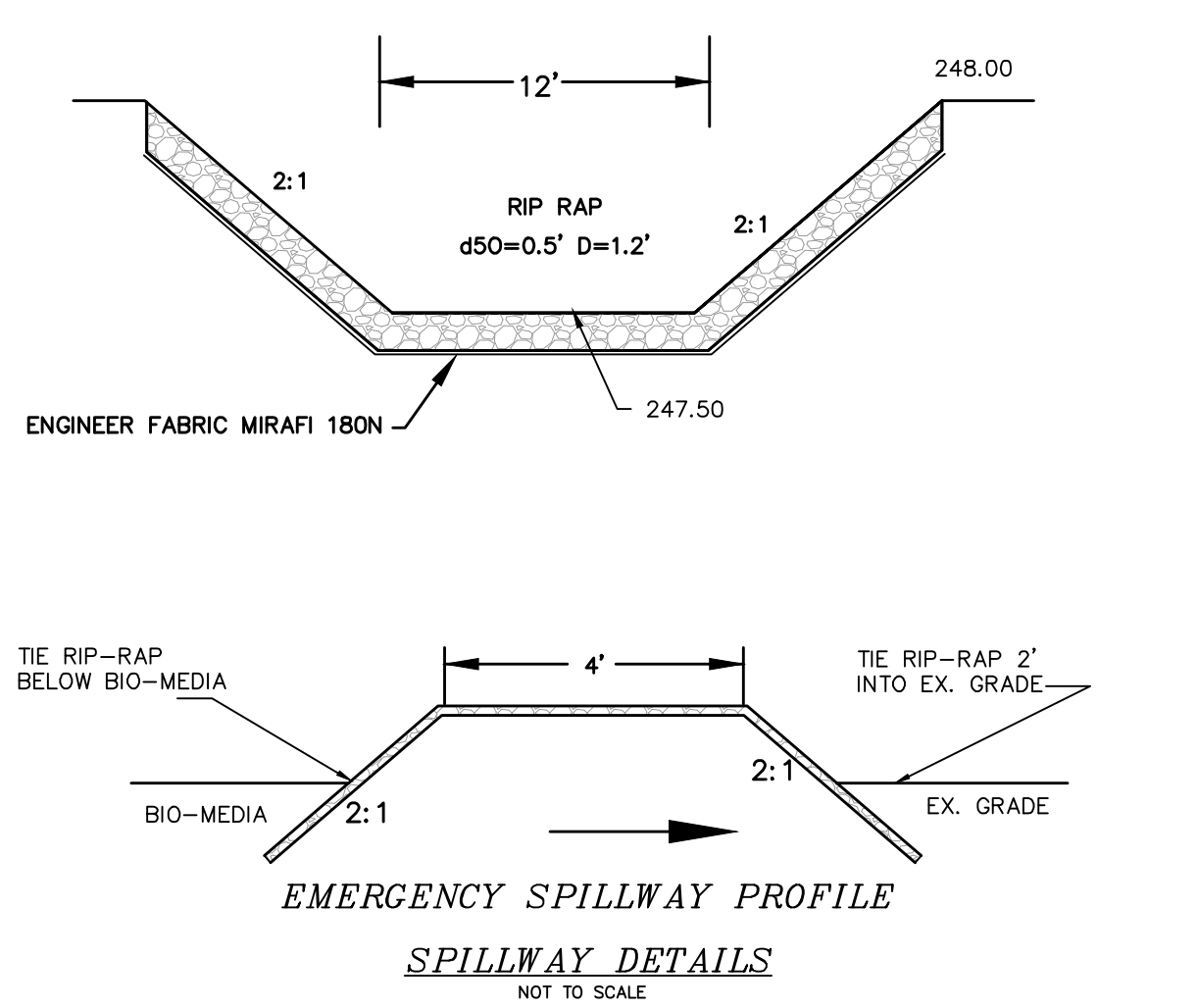
3/4" WASHED CRUSHED STONE*	
SIEVE SIZE	% PASSING BY WEIGHT
1"	100
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- NOTES**
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- MAINTENANCE REQUIREMENTS**
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- DESIGN REFERENCES**
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 - NEW HAMPSHIRE STORMWATER MANAGEMENT MANUAL, VOLUME 2, DECEMBER 2008 AS AMENDED.

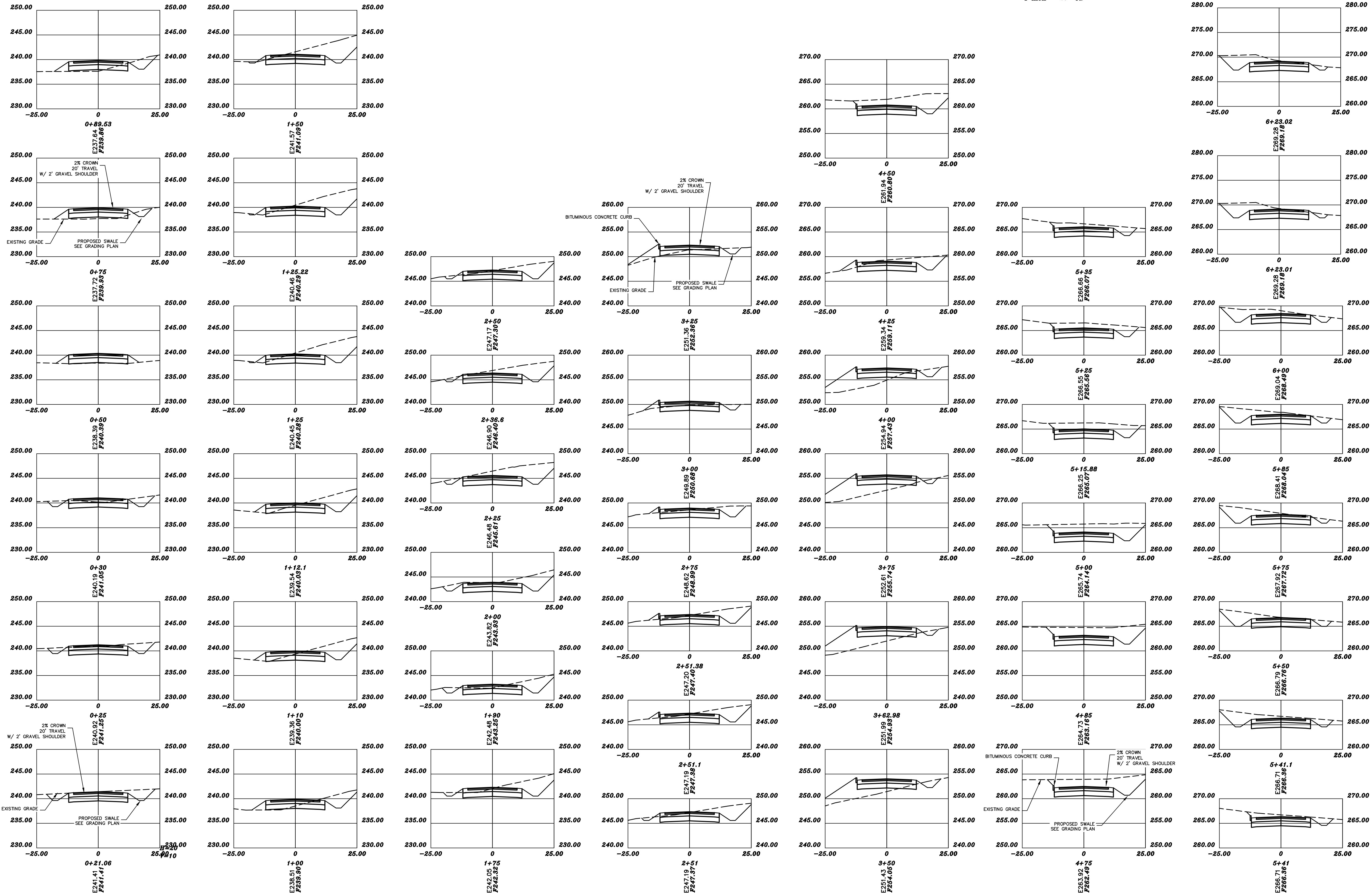
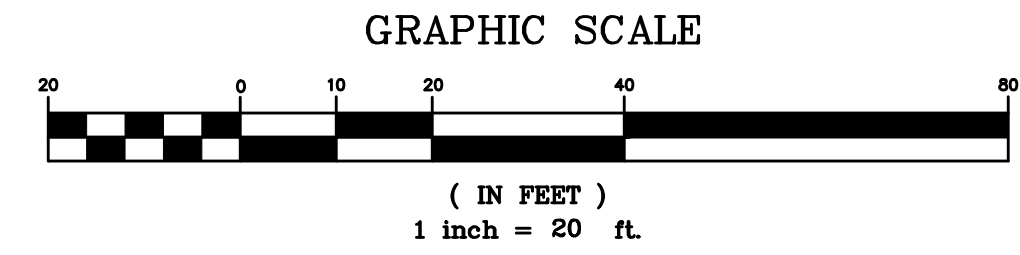


#6	11-24-20	REVISED PER CONDITIONS OF APPROVAL	DESCRIPTION
#5	11-23-20	REVISED PER NHDES COMMENT	
#4A	8-17-20	REVISED PER NHDOT COMMENT	
#3A	5-26-20	REVISED FOR AOT RFMI	
REVISION	DATE		

RAIN GARDEN #106 & #107
 LAND OF
 DOMUS DEVELOPERS INC.
 ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE: 1 IN. EQUALS 20 FT.
 DATE: JUNE 3, 2019
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R106 & R107
 SHEET 15 OF 32

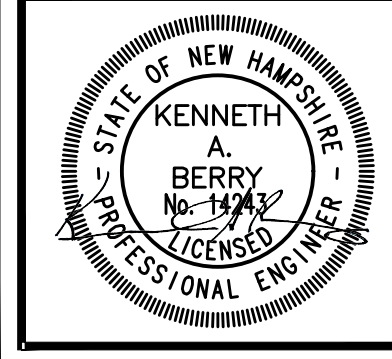


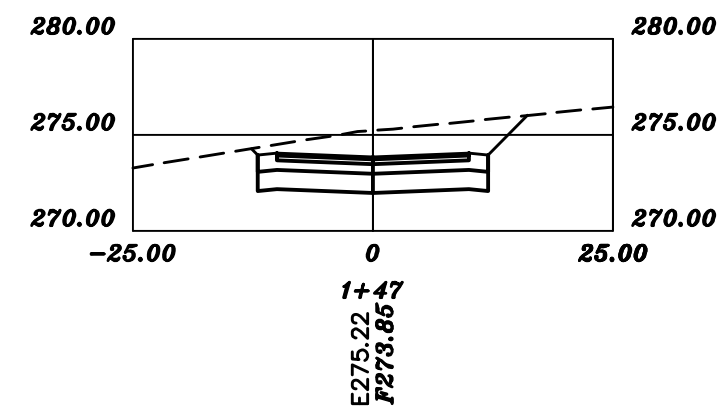
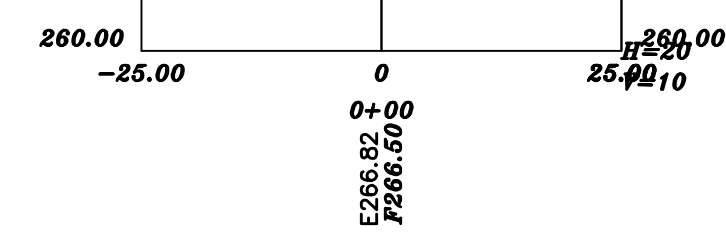
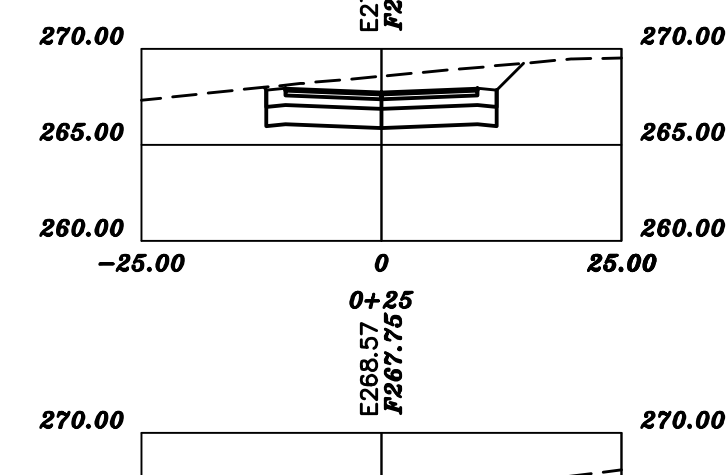
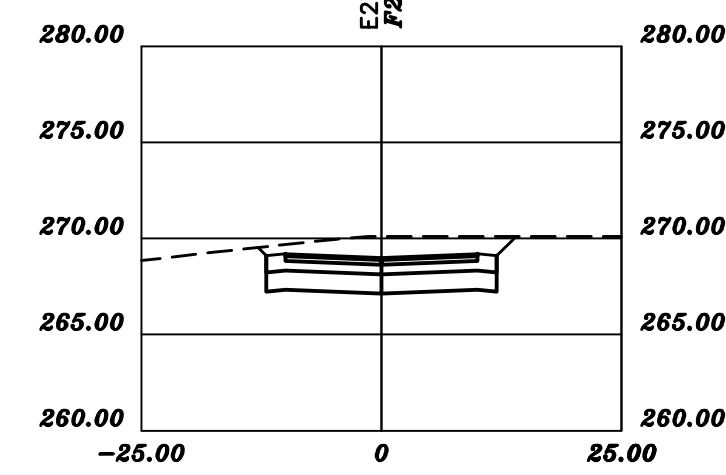
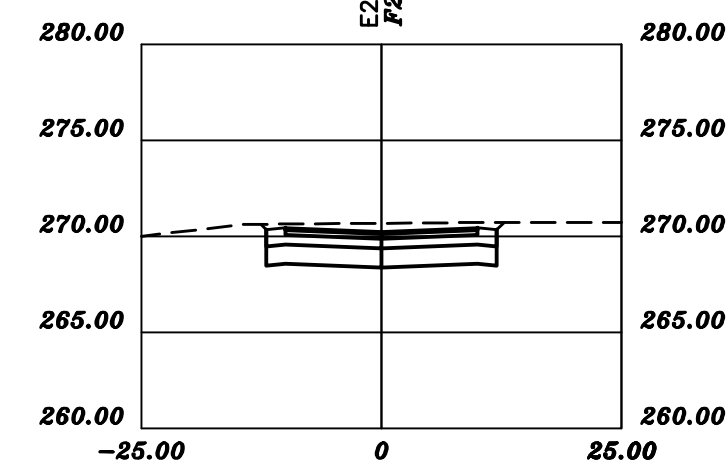
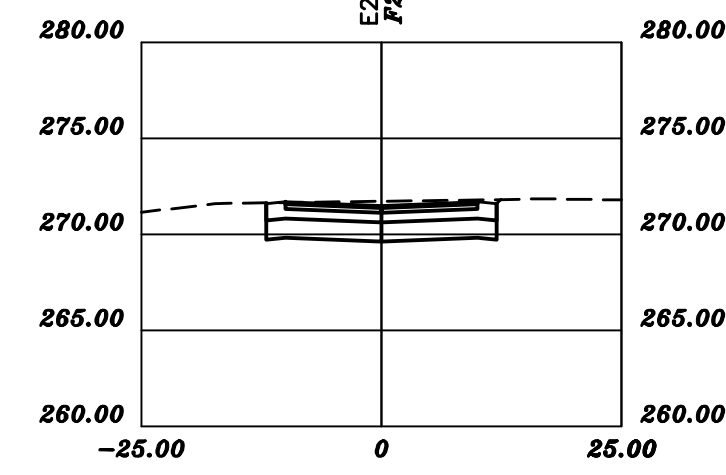
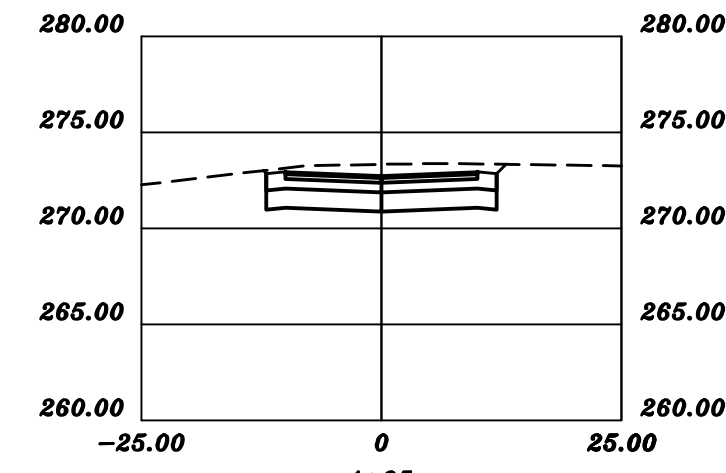
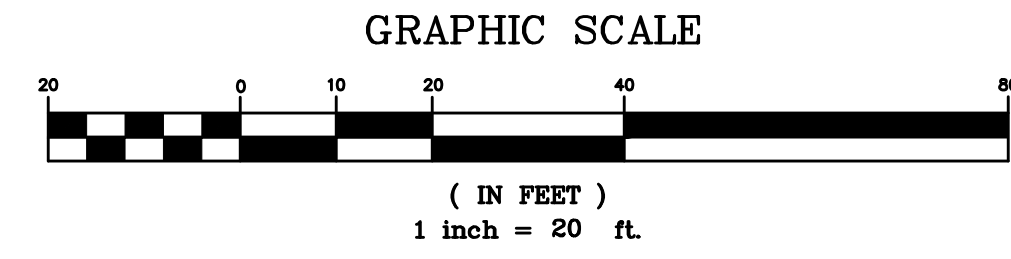
REVISION	DATE	DESCRIPTION
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#3A	5-26-20	REVISED FOR Aot RFM

CROSS SECTIONS SERA DRIVE 0+11.70 - END

LAND OF
DOMUS DEVELOPERS INC.
ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
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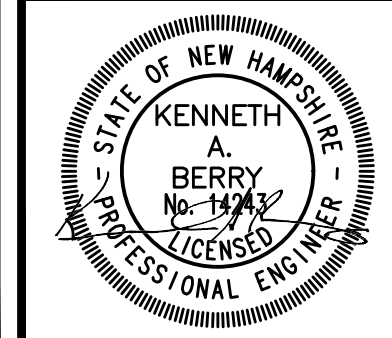


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CROSS SECTIONS SERA DRIVE EXTENSION

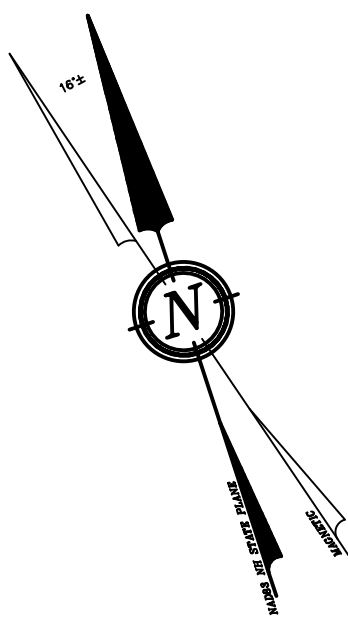
LAND OF
 DOMUS DEVELOPERS INC.
 ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
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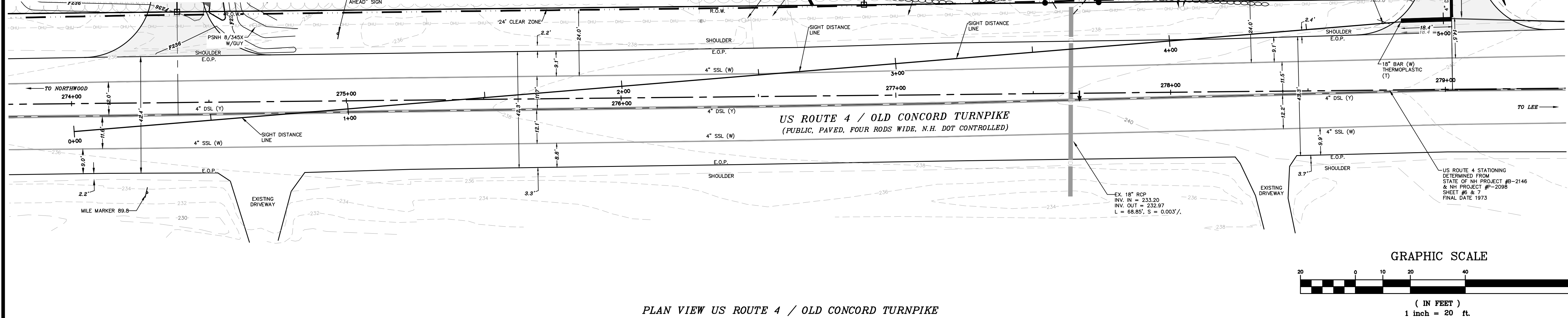
NOTES:

- OWNER: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
- TAX MAP 6, LOT 22
- LOT AREA: 1,164,698 Sq. Ft., 26.74 ACRES
- R.C.R.D. BOOK 5977, PAGE 2799
- THIS IS A RESIDENTIAL SITE PLAN.
- THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE AVAILABLE SIGHT DISTANCE FROM THE PROPOSED ROADWAY KNOWN AS SERA 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 NHDOT-5 FOR REMAINING NOTES AND ENTRANCE DETAILS.



LEGEND:

- DRILL HOLE ~FND~
- IRON PIPE ~FND~
- IRON BOUND ~FND~
- NH HIGHWAY BOUND ~FND~
- 3/4" IRON BOUND W/ ID CAP ~TBS~
- GRANITE BOUND ~TBS~
- SIGNAGE
- UTILITY POLE
- GUY WIRE
- OHU — OVERHEAD UTILITIES LINE
- - - POORLY DRAINED WETLAND LINE
- - - WETLAND SETBACK 50' TO POORLY DRAINED SHOULDER
- - - BUILDING SETBACK LINE
- - - SUBDIVISION BOUNDARY LINE
- - - EASEMENT LINE
- - - CENTER LINE
- - - CLEAR ZONE 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)

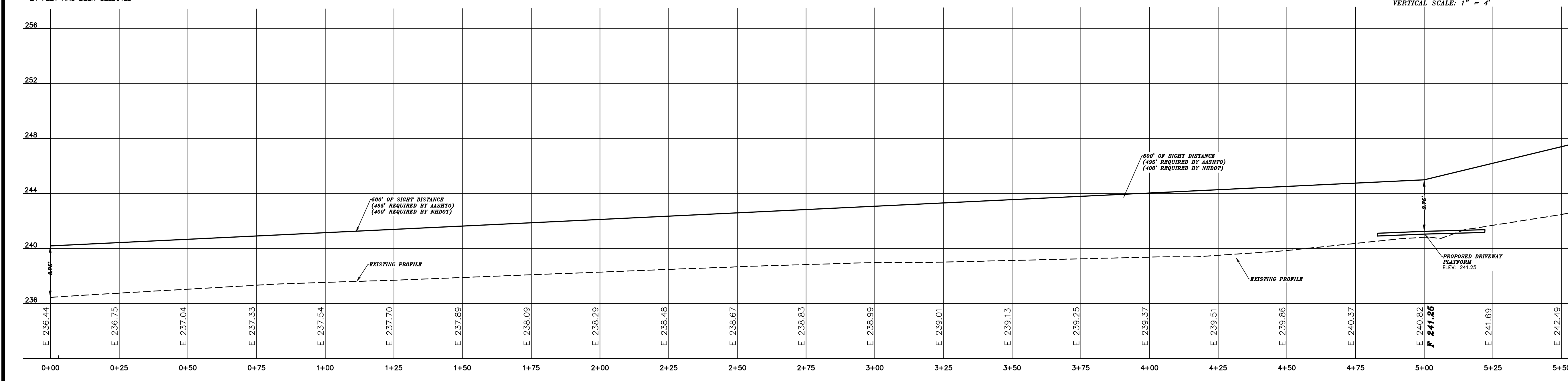


PLAN VIEW US ROUTE 4 / OLD CONCORD TURNPIKE

CLEAR ZONE CALCULATION:
DESIGN SPEED: 50 MPH / 85TH ASSUMED 55 MPH
WESTBOUND DESIGN ADT (2017): 5,597 (NHDOT)
FROM AASHTO ROADSIDE DESIGN GUIDE (2004) TABLE 3.1 PAGE 3-6
CLEAR ZONE REQUIRED TO BE 24-30 FEET (1V:5H TO 1V:4H)
-24 FEET HAS BEEN SELECTED

SIGHT DISTANCE REQUIREMENT:
DESIGN SPEED: 50 MPH / 85TH ASSUMED 55 MPH
WESTBOUND: DOWNGRADE 5%, 542 FEET REQUIRED (INTERPOLATION) (550 FEET PROVIDED)
EASTBOUND: UPGRADE <3%, 495 FEET REQUIRED (500 FEET PROVIDED)
FROM AASHTO GEOMETRIC DESIGN OF HIGHWAYS AND STREETS (2011) EXHIBIT 3.1 & 3.2

PROFILE VIEW SIGHT LINE

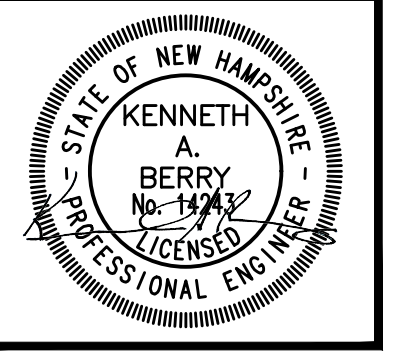


ROAD NOTE:
US ROUTE 4 / OLD CONCORD TURNPIKE;
CLASS 1 PAVED
4 RODS WIDE, NH STATE PAPERS - BOOK 18, PAGE 859

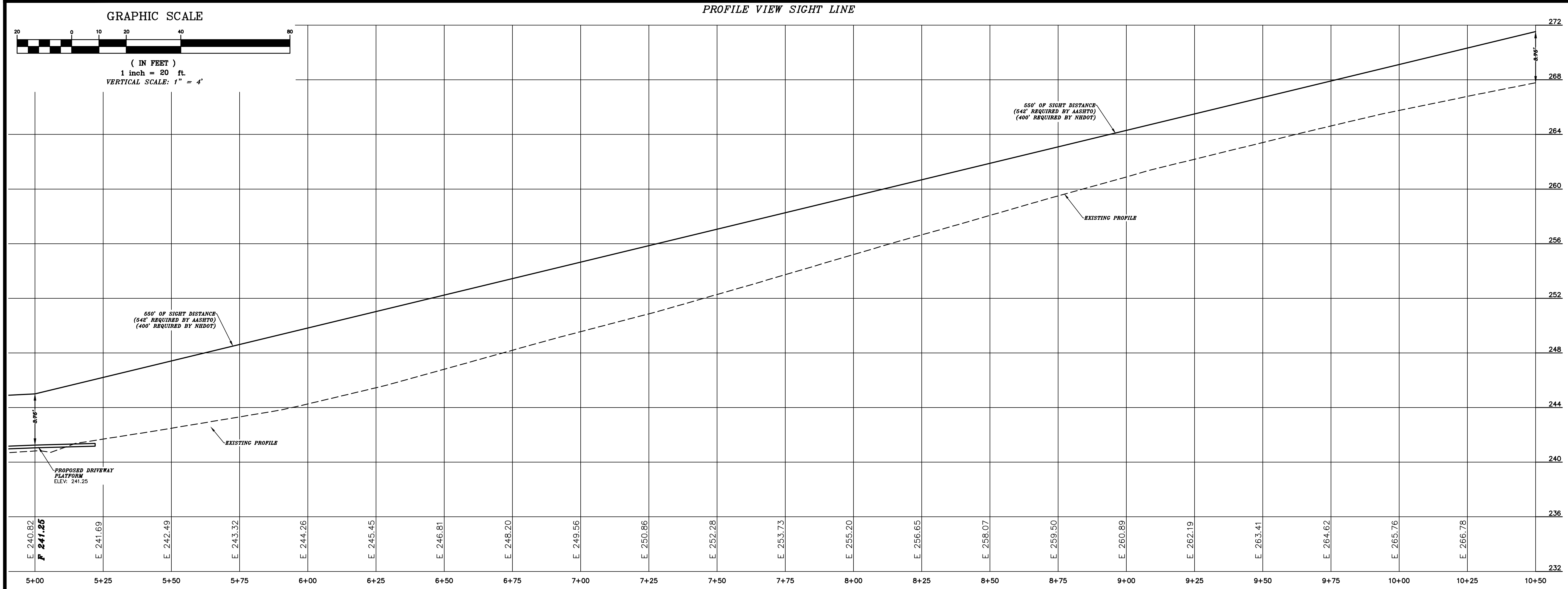
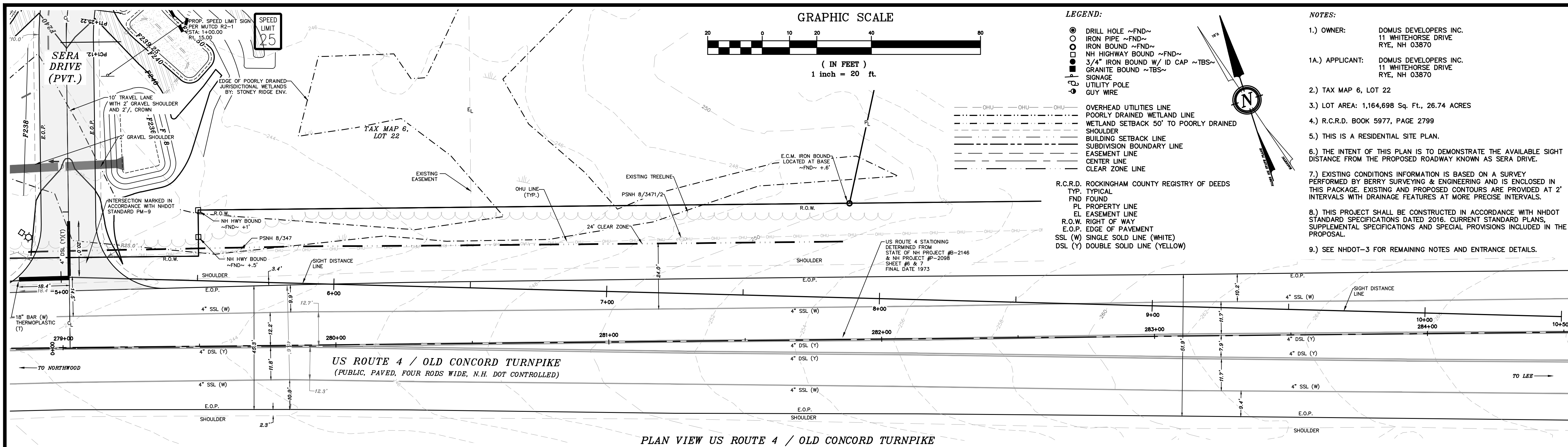
REVISION	DATE	DESCRIPTION
#6	11/24/20	REVISED PER CONDITIONS OF APPROVAL
#5A	8/17/20	REVISED PER NHDOT COMMENT
#4	4/28/20	RPM RESPONSE TO AOT
#3	11/13/19	REVISE PER PEER REVIEWS
#2	9/25/19	REVISED PER NHDOT COMMENTS
#1	8/15/19	REVISED FOR AOT APPLICATION

SIGHT DISTANCE SERA DRIVE WESTBOUND
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : 1 IN. EQUALS 20 FT.
DATE : JUNE 3, 2019
FILE NO. : DB 2018 - 030



NHDOT-1

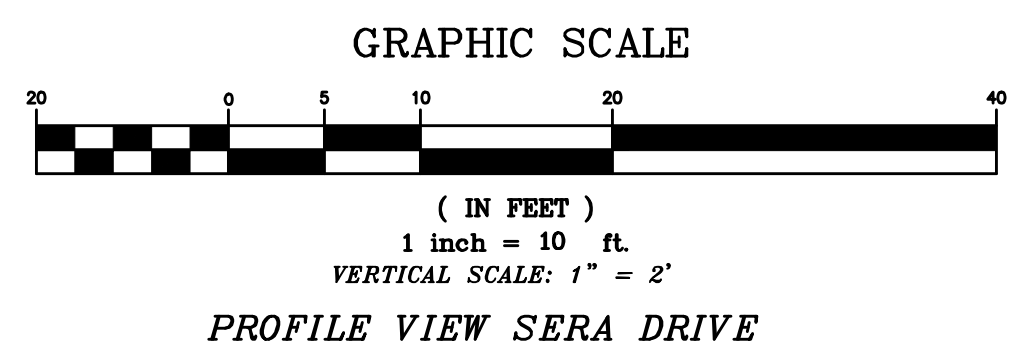
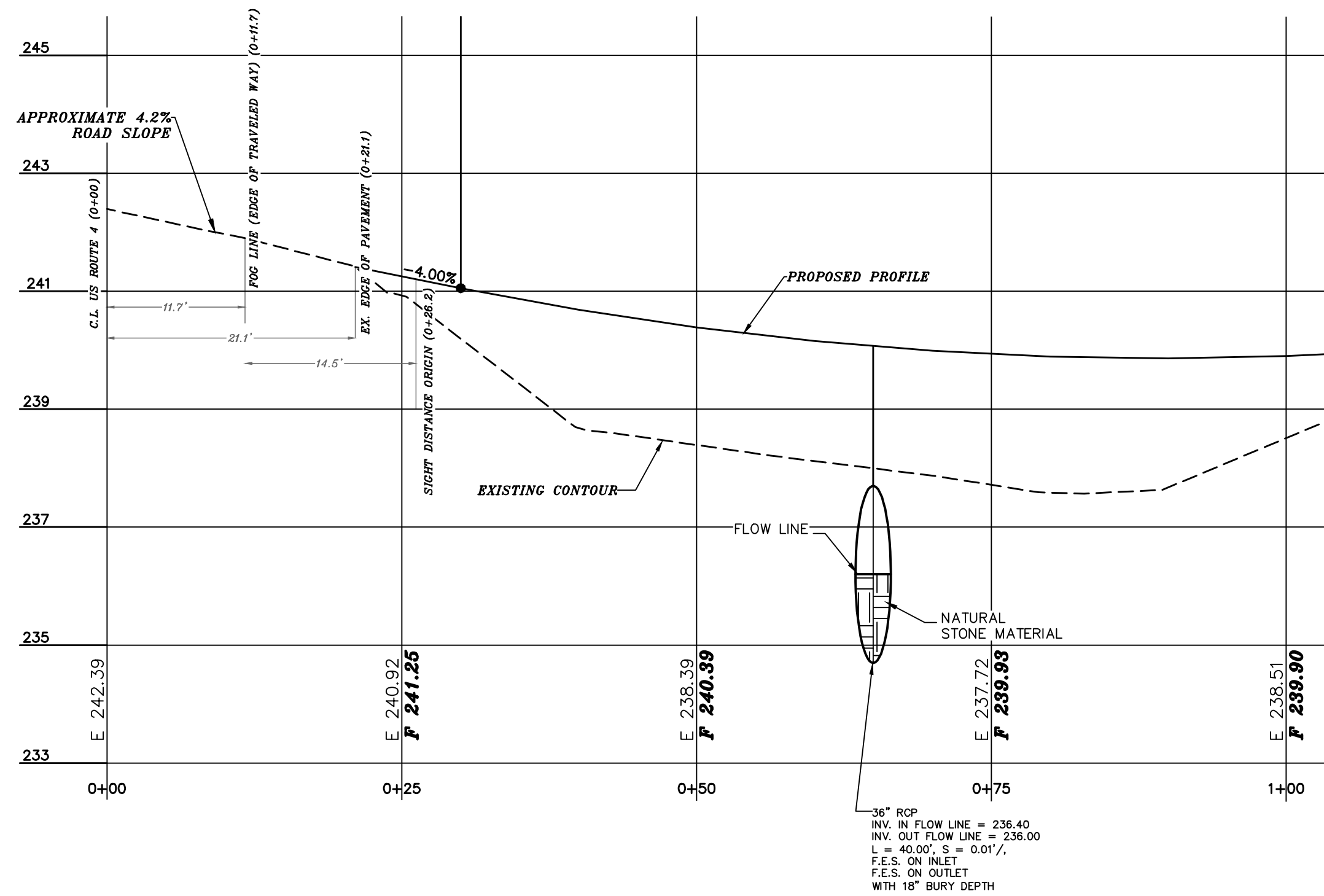


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#1	8/15/19	REVISED FOR AGT APPLICATION

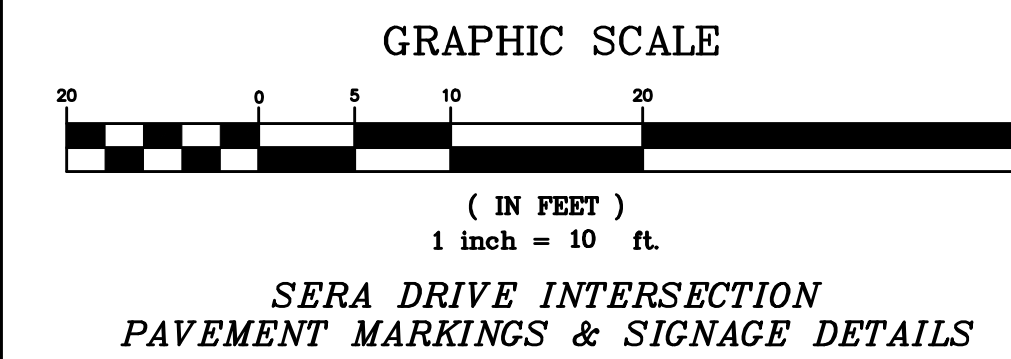
SIGHT DISTANCE SERA DRIVE EASTBOUND
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 20 FT.
DATE: JUNE 3, 2019
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STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 1474
LICENSED PROFESSIONAL ENGINEER

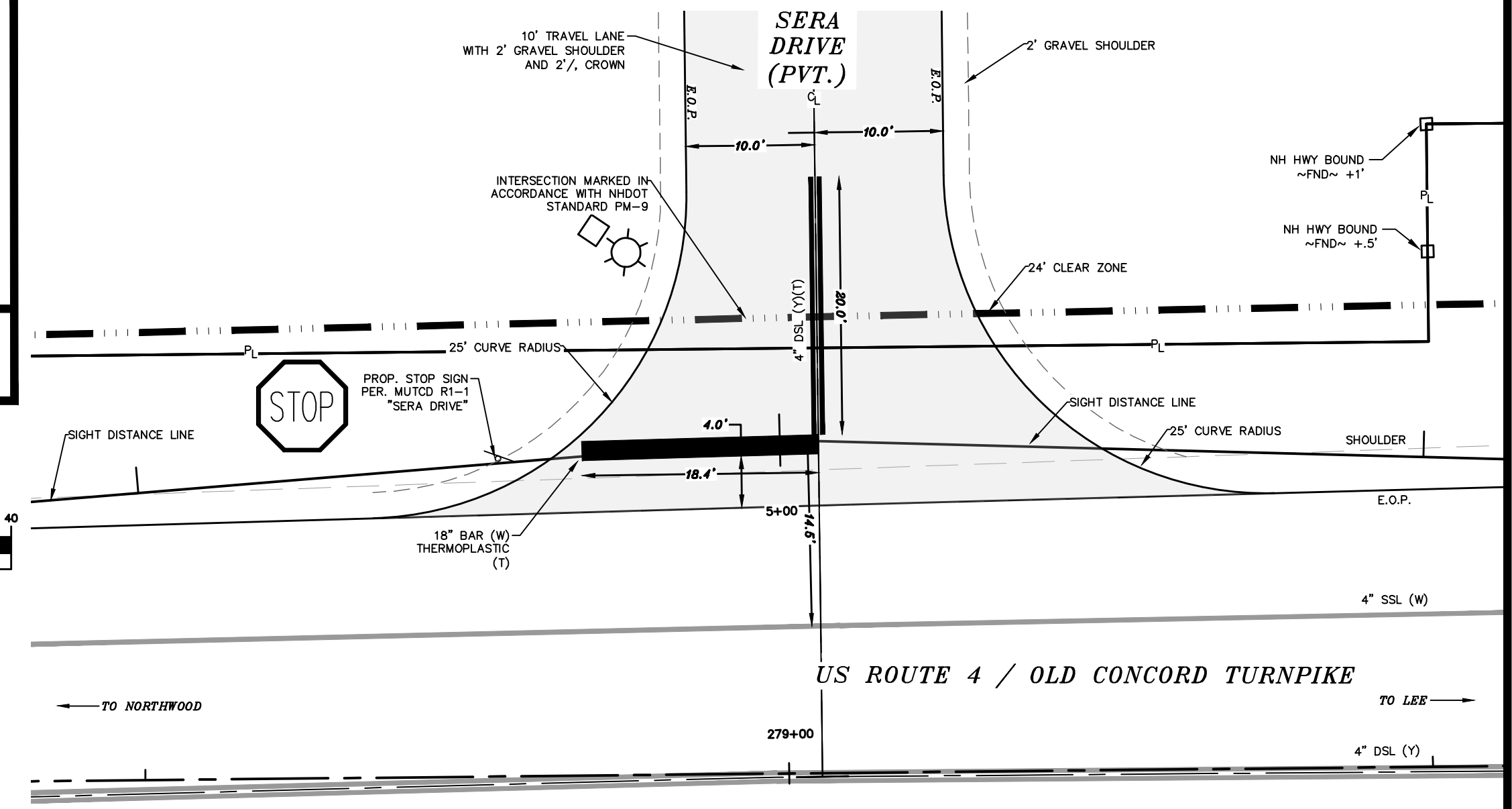


DETAIL-1



SERA DRIVE INTERSECTION PAVEMENT MARKINGS & SIGNAGE DETAILS

DETAIL-2



NOTES CONT.:

10.) THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO LOCATE EXACTLY AND TO PRESERVE ANY AND ALL UNDERGROUND UTILITIES CALL "DIG-SAFE" 1-888-DIGSAFE (344-7233) AT LEAST 72 HOURS BEFORE COMMENCING CONSTRUCTION

11.) 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.

NOTES CONT.:

12.) THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.

13.) 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.

14.) 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).

15.) ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE RETAINED UNLESS NOTED OTHERWISE.

NOTES CONT.:

16.) ALL SYMBOLS, WORDS, TRANSVERSE MARKINGS (STOP BARS, CROSSWALK LINES, AND RAILROAD SYMBOLS), LANE LINES, AND ALL OTHER MARKINGS NOTED WITH (T) SHALL BE THERMOPLASTIC.

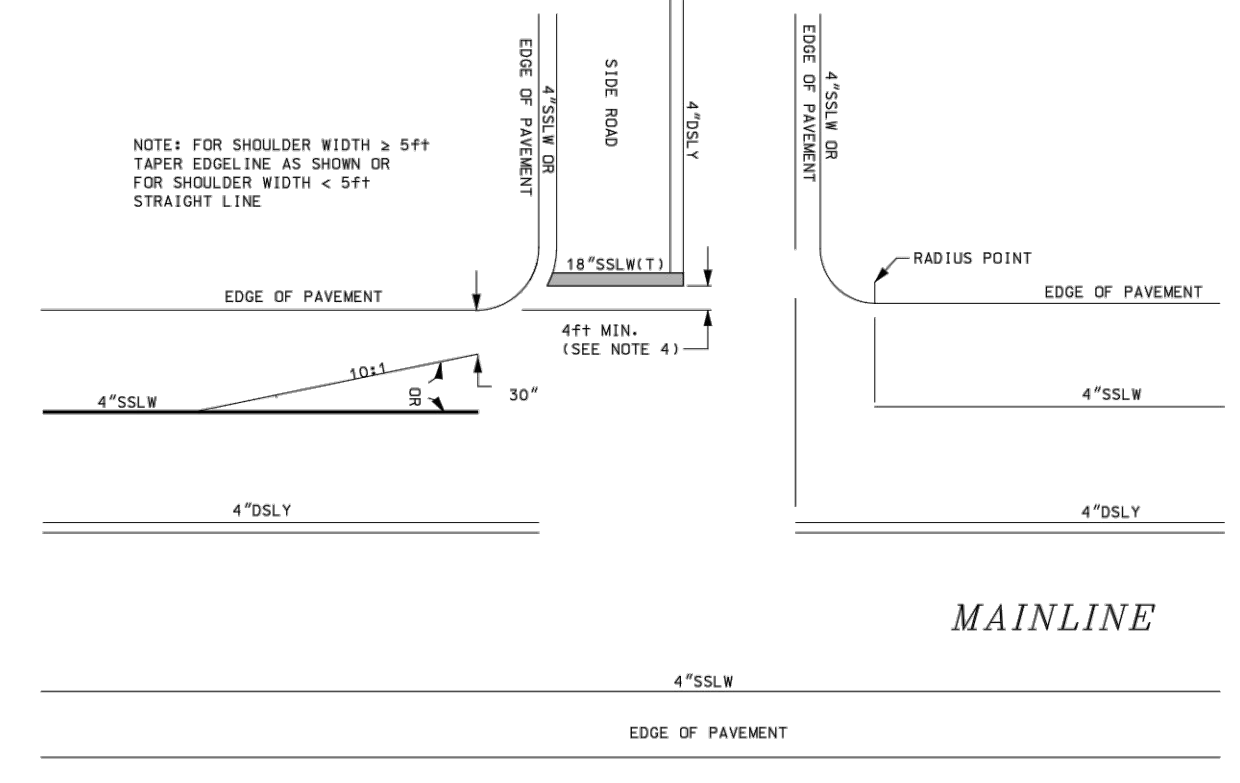
17.) ALL DISTURBED AREAS NOT DESIGNATED TO BE PAVED SHALL HAVE LOAM PLACED AND SEEDED. THE LOAM SHALL HAVE A MINIMUM DEPTH OF 4 INCHES AND SHALL BE PLACED FLUSH WITH THE TOP OF THE ADJACENT CURB, EDGING, BERM OR PAVEMENT SURFACE.

18.) THE CONTRACTOR SHALL CONTACT THE NHDOT BUREAU OF TRAFFIC AT (603) 271-2291 ONE WEEK PRIOR TO PAVEMENT MARKINGS.

19.) ALL PAVEMENT MARKINGS TO BE PAINTED TO NHDOT STANDARD NO. PM-9.

20.) THE SPEED LIMIT ON US ROUTE 4 ROAD IS 50 MPH.

CENTERLINE AND EDGELINE "CUTS" AT SIDE ROAD



PM-9 GENERAL NOTES

1.) EDGELINE DETAILS ARE SHOWN FOR MAINLINE ROADWAYS WITHOUT TURN LANE. THE PRESENCE OF TURN LANES MAY REQUIRE DIFFERENT EDGELINE TREATMENTS.

2.) EDGELINES ON THE SIDE ROADS, WHEN CALLED FOR, SHALL FOLLOW THE ABOVE MAINLINE TYPICALS. EDGELINES SHALL NOT BE CONTINUOUS AROUND THE MAINLINE/SIDE ROAD RADIUS. EDGELINES SHALL END AT STOP BARS.

3.) CENTERLINE AND EDGELINE SHALL BE CONTINUOUS PAST RESIDENTIAL DRIVEWAYS. CENTERLINE AND EDGELINE SHALL BREAK FOR COMMERCIAL DRIVES W/TRAFFIC CONTROLS, MINOR SIDE ROADS, OR PRIVATE INTERSECTIONS.

4.) LOCATION OF THE STOP LINE MAY VARY DUE TO INTERSECTION SIGHT DISTANCE AND VEHICLE TURNING RADIUS AND MAY NOT ALWAYS COINCIDE WITH THE LOCATION OF THE STOP SIGN.

5.) IF THERE IS NO EDGELINE, END STOP BAR 12" FROM EDGE OF PAVEMENT.

6.) STOP BARS, WORDS, LANE LINES, SYMBOLS AND ARROWS SHALL BE THERMOPLASTIC (T).

DETAIL-3 **DETAIL-4**

NHDOT-1B

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NHDOT DETAILS
 LAND OF
 DOMUS DEVELOPERS INC.
 US ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
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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 10' 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 MAINTENANCE

- SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
- IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
- SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN THEY REACH SIX-INCHES IN DEPTH.
- SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

SILT FENCE DETAIL
NOT TO SCALE

E2 STAKED HAYBALE DETAIL

- HAY BALES BARRIERS MAY ONLY BE USED FOR A MAXIMUM OF 60 DAYS AND ARE NOT RECOMMENDED FOR PERIMETER CONTROL.
- TO BE INSTALLED IAW NH SWM #3, 4-2 SEDIMENT CONTROL, STRAW OR HAY BALE BARRIER.
- REQUIRED TO SHOW DETAIL, BUT DO NOT RECOMMEND USE OF HAY BALES FOR EROSION CONTROL.

STAKED HAYBALE DETAIL
NOT TO SCALE

E3 SWALE

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

SAF#	48" ORANGE FENCE, 12 FEET O.C.
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.

- 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 3 FEET OUTSIDE OF THE DRIP LINE OF THE TREE.
- 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.

84" Safety Fence, 72" T-Posts

E5 STABILIZED CONSTRUCTION ENTRANCE

- 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 STONE FOR 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.

E6 EROSION CONTROL MIX BERM

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 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 SEEDED AND 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 FIFTY (50) 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.

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 LOCATIONS AS REQUIRED, DIRECTED BY THE ENGINEER.
- ALL DISTURBED AREAS SHALL BE RETURNED TO ORIGINAL GRADES AND ELEVATIONS. DISTURBED AREAS SHALL BE LOADED WITH A MINIMUM OF 4" OF LOAM AND SEEDED 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 COP 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 0.5" 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:
 - 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.
- 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)

E9 STONE CHECK DAM

- 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.

E10 FILTREXX SEDIMENT CONTROL

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

E9 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

d50 SIZE=	1.0 FEET	12 INCHES
% OF WEIGHT SMALLER THAN THE GIVEN d50 SIZE	SIZE OF STONE (INCHES) FROM	TO
100%	18	24
85%	16	22
50%	12	18
15%	4	6

E12 STONE LINED SEDIMENT TRAP

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

STONE LINED SEDIMENT TRAP
NOT TO SCALE

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

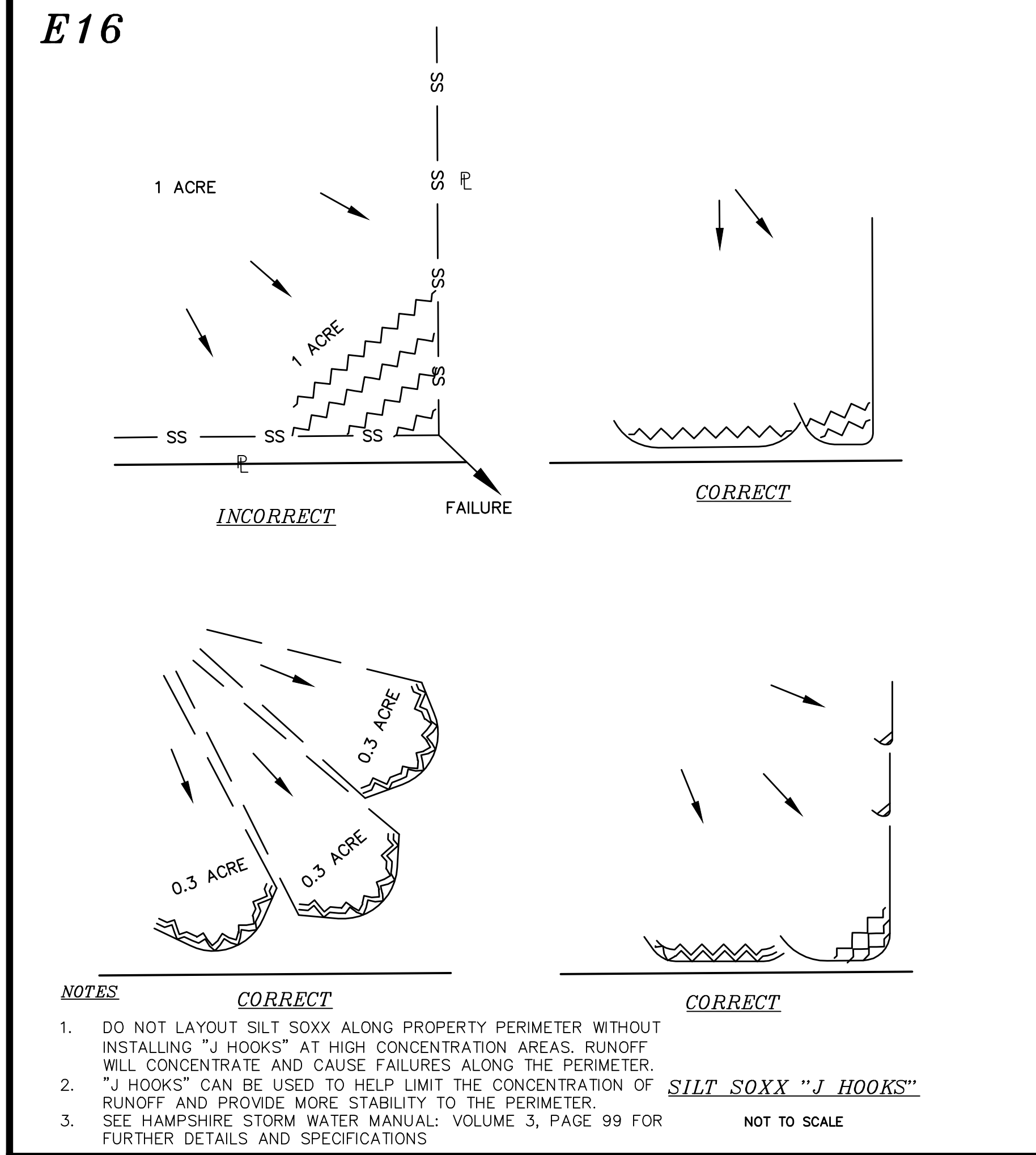
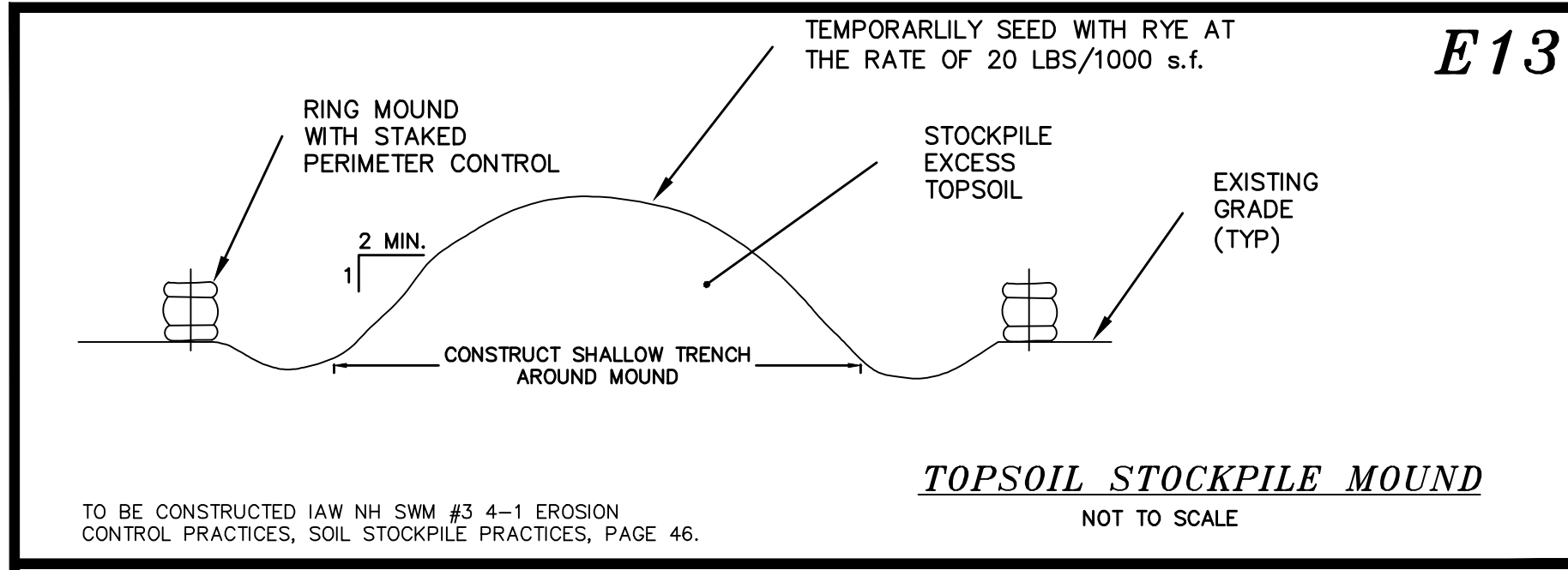
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#5 <td>11-23-20</td> <td>REVISED PER NHDES COMMENT</td> <td></td>	11-23-20	REVISED PER NHDES COMMENT	
#4A <td>8-17-20</td> <td>REVISED PER NHOT COMMENT</td> <td></td>	8-17-20	REVISED PER NHOT COMMENT	
#3A <td>5-26-20</td> <td>REVISED FOR AOT RFM</td> <td></td>	5-26-20	REVISED FOR AOT RFM	
REVISION	DATE		

EROSION & SEDIMENT CONTROL DETAILS
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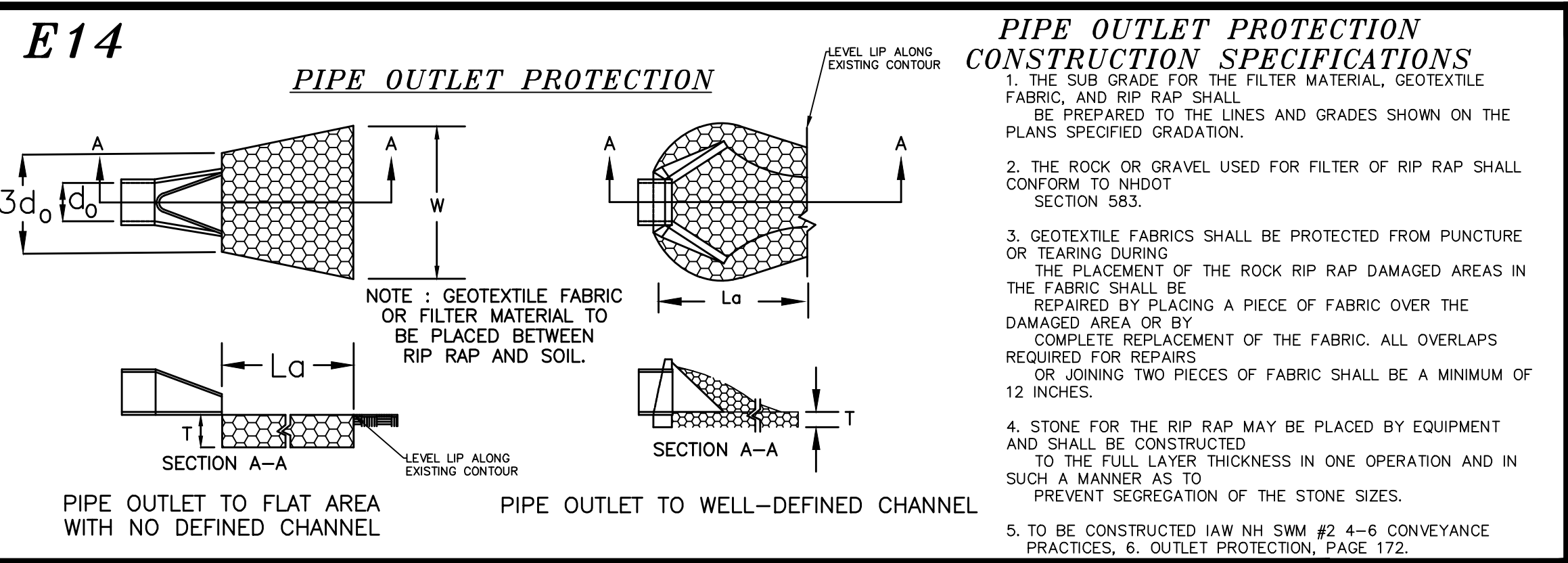
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STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
REGISTERED PROFESSIONAL ENGINEER

SHEET 22 OF 32



- ### E19 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 EROSION AND DETENTION 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. SEE BEST MANAGEMENT PRACTICES FOR BLASTING ON SHEET C-103.
 - 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.



E17 SEEDING RATES

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.

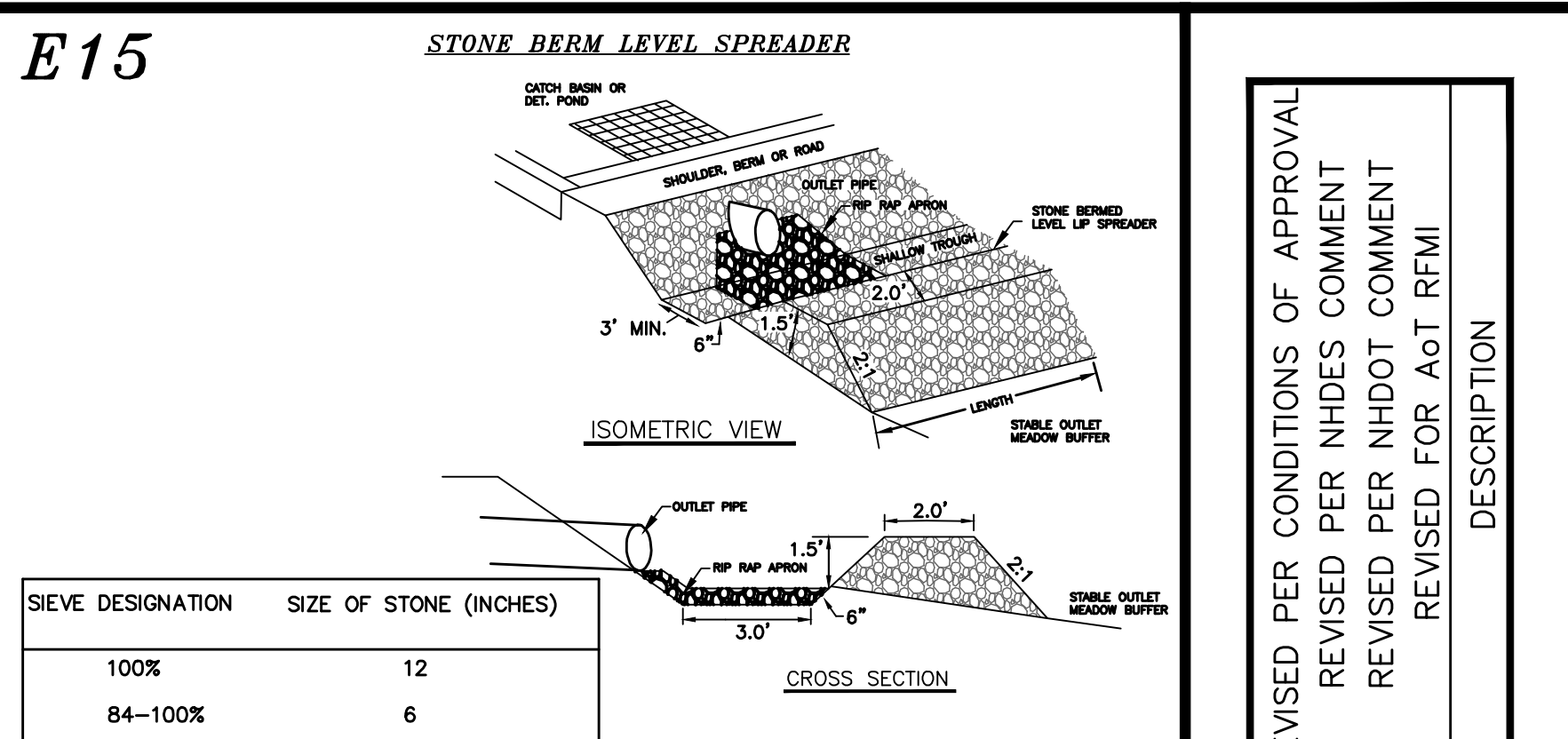
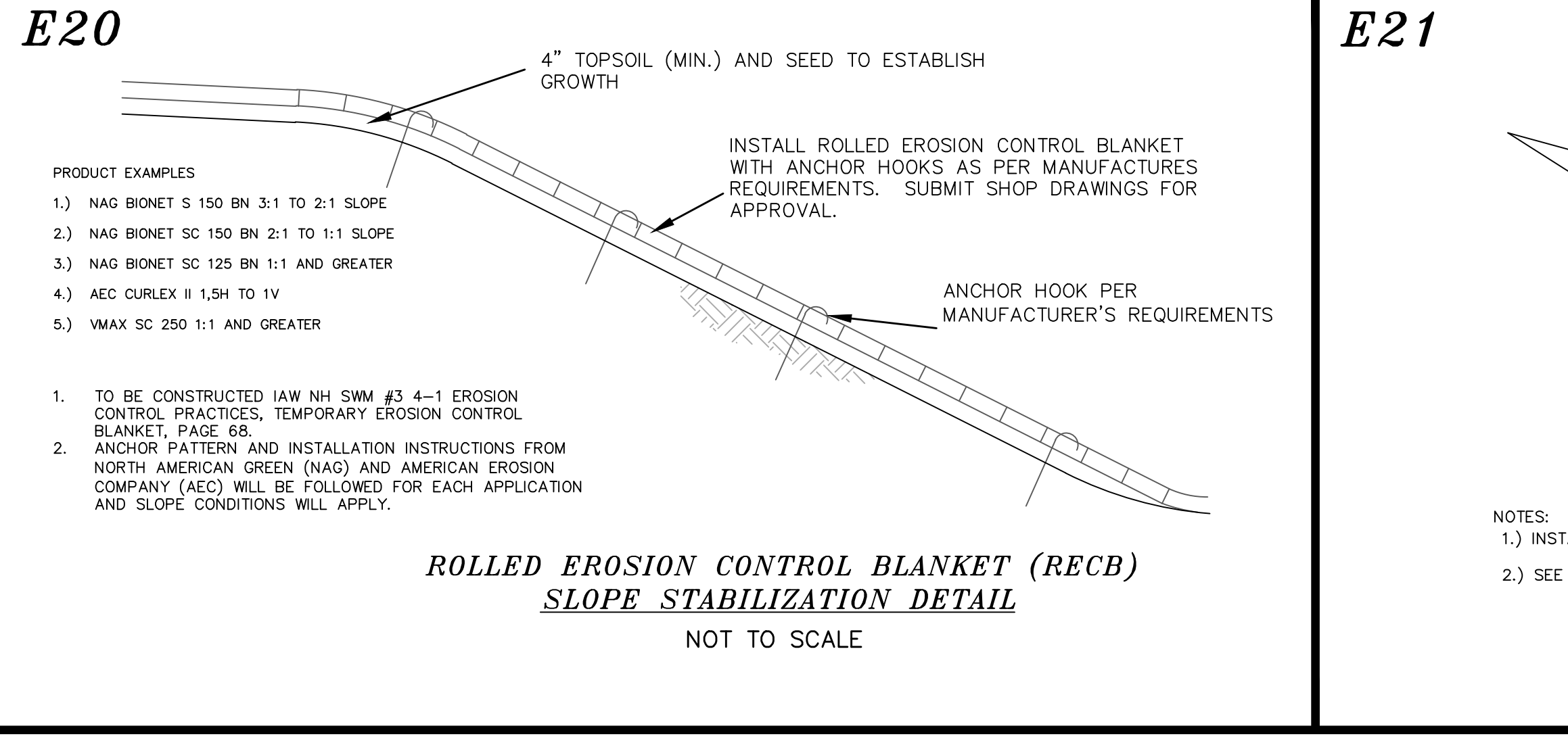
NOTE: Temporary seed mix for stabilization of turf shall be winter type or oats at a rate of 2.5 lbs. per 1000 s.f. and shall be placed prior to OCT. 15, if permanent seeding not yet complete.

USE	SEEDING MIXTURE 1/	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	E	GOOD	GOOD	GOOD	FAIR
	G	GOOD	EXCELLENT	EXCELLENT	FAIR
	D	GOOD	EXCELLENT	EXCELLENT	FAIR
LIGHTLY USED PARKING LOTS, OOD AREAS, UNUSED LANDS, AND LOW INTENSITY USE RECREATION SITES.	A	GOOD	GOOD	GOOD	FAIR
	B	GOOD	GOOD	EXCELLENT	FAIR
	C	GOOD	EXCELLENT	EXCELLENT	FAIR
	D	FAIR	GOOD	GOOD	EXCELLENT
PLAY AREAS AND ATHLETIC FIELDS. (TOPSOIL IS ESSENTIAL FOR GOOD TURF)	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/ REFER TO SEEDING MIXTURES AND RATES IN TABLE 7-36.
2/ POORLY DRAINED SOILS ARE NOT DESIRABLE FOR USE AS PLAYING AREA AND ATHLETIC FIELDS.

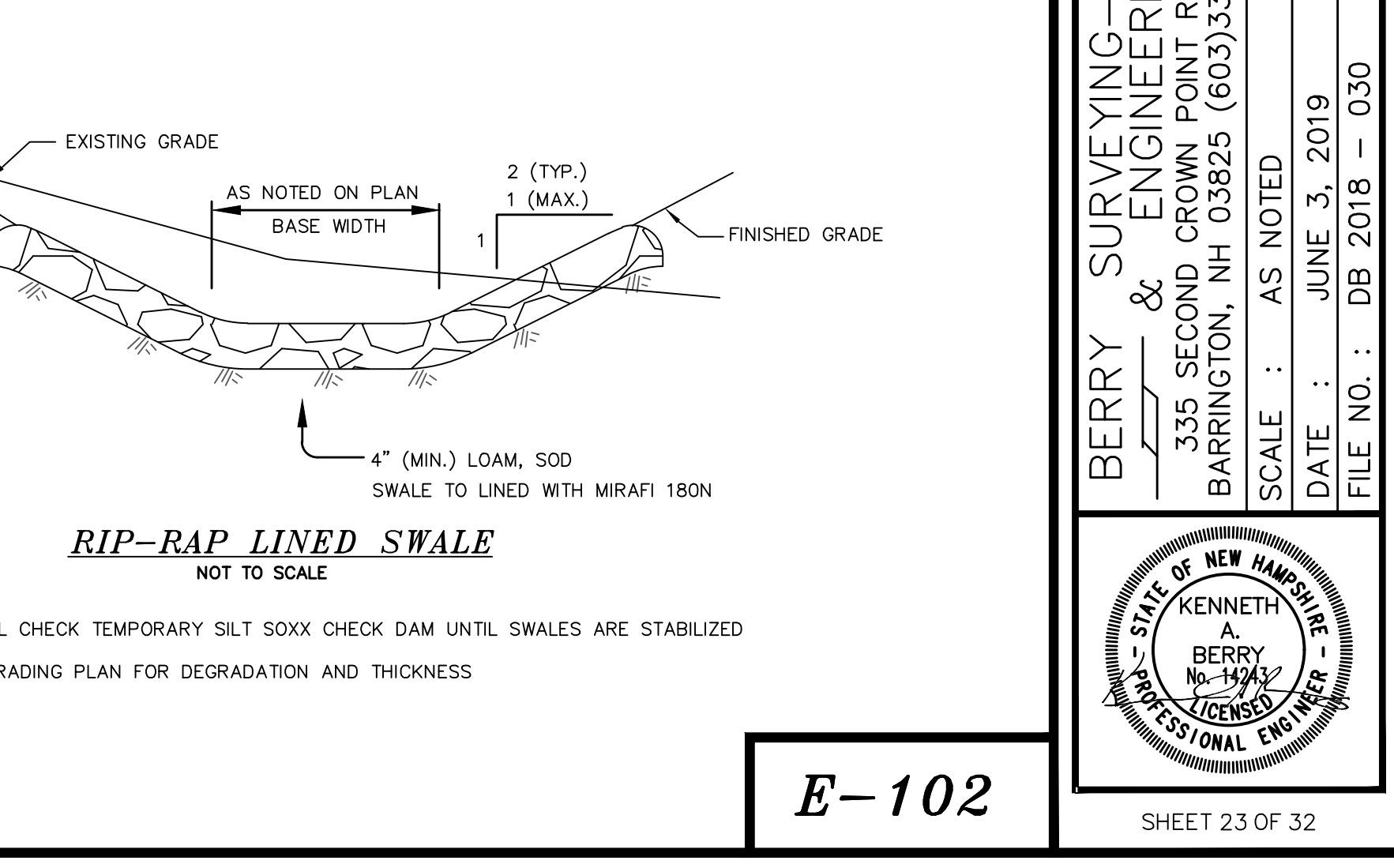
E17 SEEDING SPECIFICATIONS

- GRADING AND SHAPING
 - 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
 - SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.
 - 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
 - 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.)
- 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 CULTIVATING OR RAKING.
- 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 TREFLOIL, AND FLATPEA) MUST BE INOCULATED WITH THEIR SPECIFIC INOCULANT.
- WHEN SEEDING AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDING AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 10 TO SEPTEMBER 1.
- MULCH
 - HAY, STRAW, OR OTHER MULCH, WHEN NEEDED, SHOULD BE APPLIED IMMEDIATELY AFTER SEEDING.
 - 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.
- MAINTENANCE TO ESTABLISH A STAND
 - PLANTED AREA SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED GROWTH.
 - FERTILIZATION NEEDS SHOULD BE DETERMINED BY ONSITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS USUALLY THE KEY TO FULLY COMPLETE THE ESTABLISHMENT OF THE STAND BECAUSE MOST PERENNIAL STAKE 2 TO 3 YEARS TO BECOME ESTABLISHED.
 - IN WATERWAYS, CHANNELS, OR SWALES WHERE UNIFORM FLOW CONDITIONS ARE ANTICIPATED, OCCASIONAL MOWING MAY BE NECESSARY TO CONTROL GROWTH OF WOODY VEGETATION.
- TO BE CONSTRUCTED IAW NH SWM #3 4-1 EROSION CONTROL PRACTICES, PERMANENT VEGETATION, PAGE 60.



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

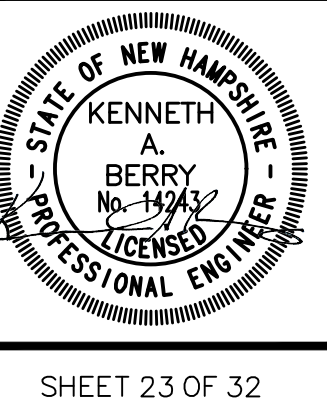
- ### E18 WINTER STABILIZATION NOTES
- ALL DISTURBED AREAS THAT DO NOT HAVE AT LEAST 85% VEGETATIVE COVERAGE PRIOR TO OCTOBER 15TH SHALL BE STABILIZED BY APPLYING MULCH AT A RATE OF 3-4 TONS PER ACRE. ALL SIDE SLOPES, STEEPER THAN 4:1, THAT ARE NOT DIRECTED TO SWALES OR DETENTION BASINS, SHALL BE LINED WITH BIODEGRADABLE/PHOTODEGRADABLE "JUTE MATTING" (EXCELSIOR'S CURLEX 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 NOVEMBER 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 OCTOBER 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.

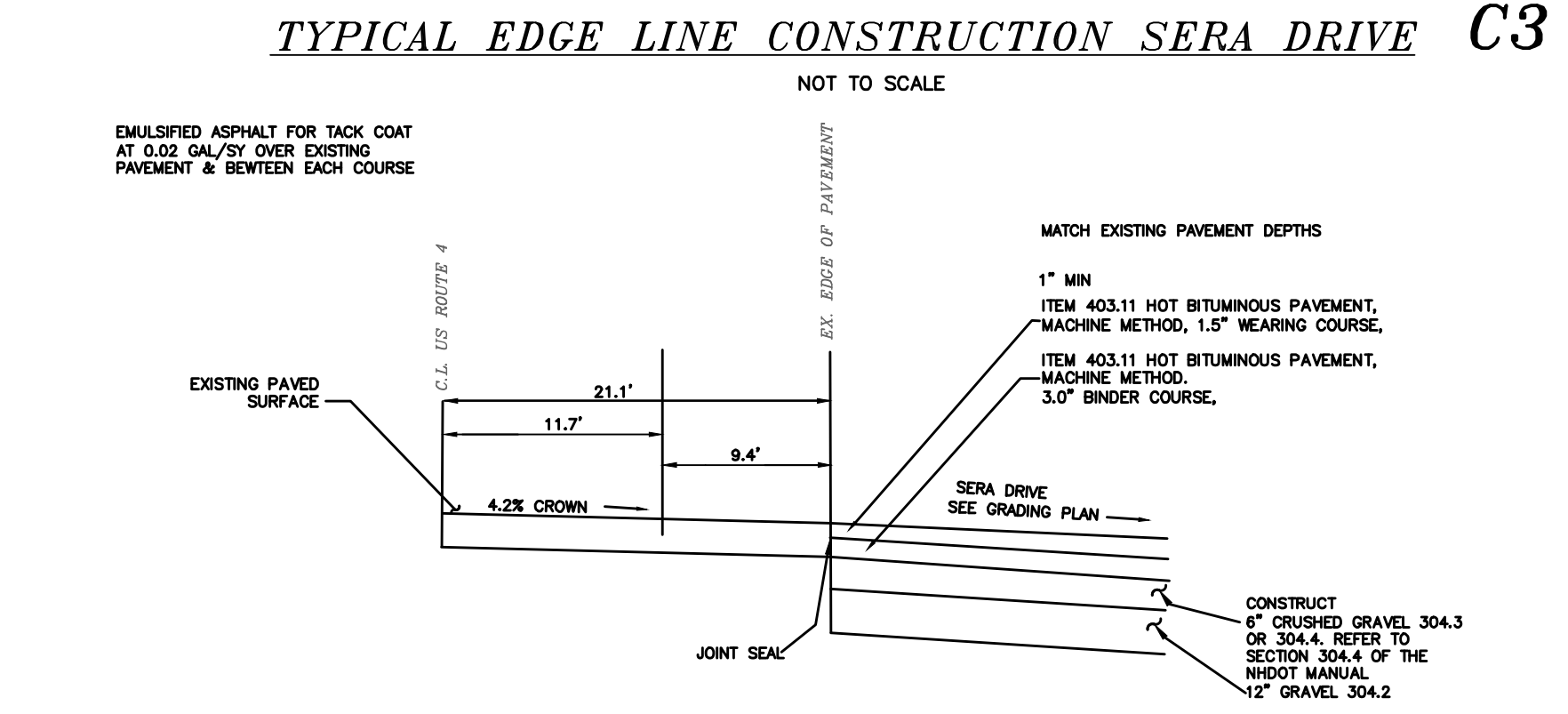
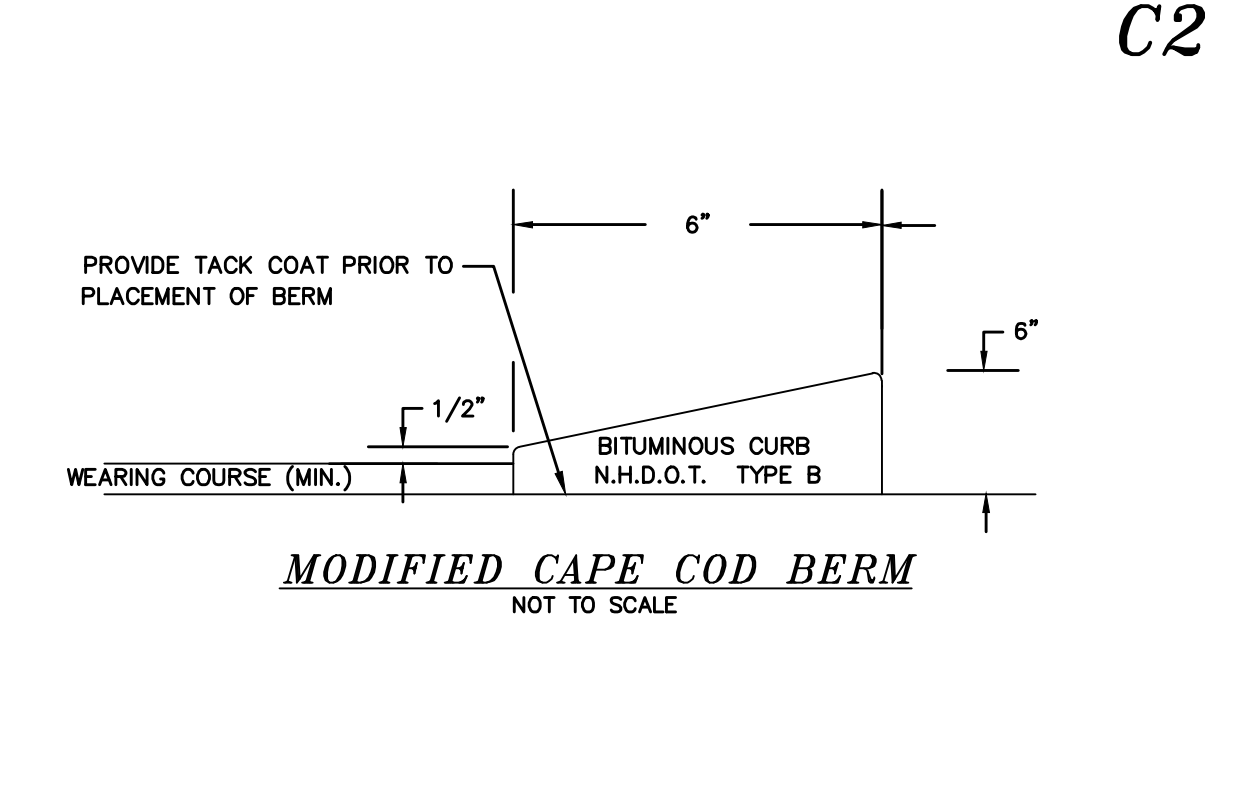
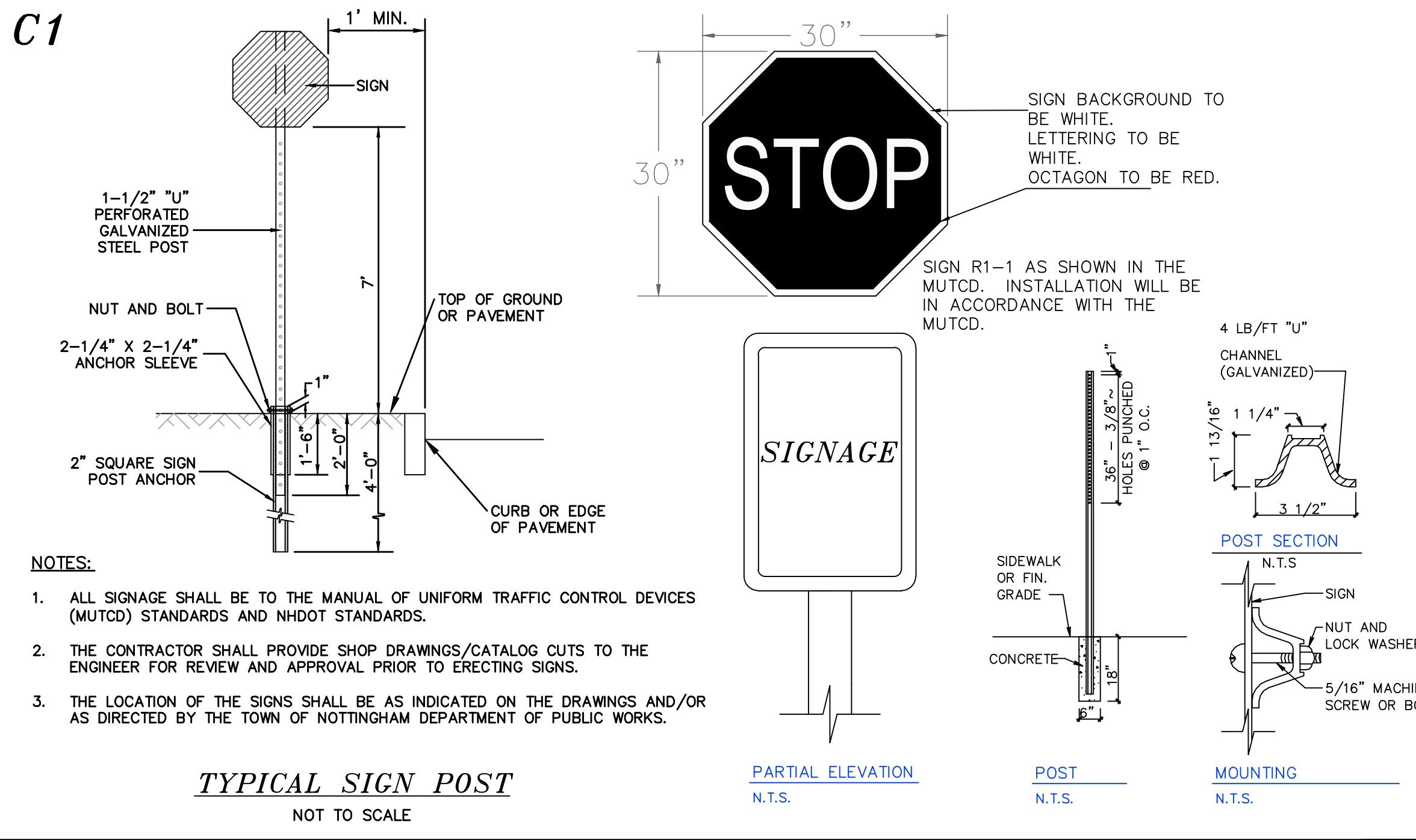


#6	REVISION	DATE	DESCRIPTION
11-24-20	REVISED PER CONDITIONS OF APPROVAL		
11-23-20	REVISED PER NHDES COMMENT		
8-17-20	REVISED PER NHDOT COMMENT		
5-26-20	REVISED FOR Aot RFM		

EROSION & SEDIMENT CONTROL DETAILS
LAND OF
DOMUS DEVELOPERS INC.
ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: AS NOTED
DATE: JUNE 3, 2019
FILE NO.: DB 2018 - 030



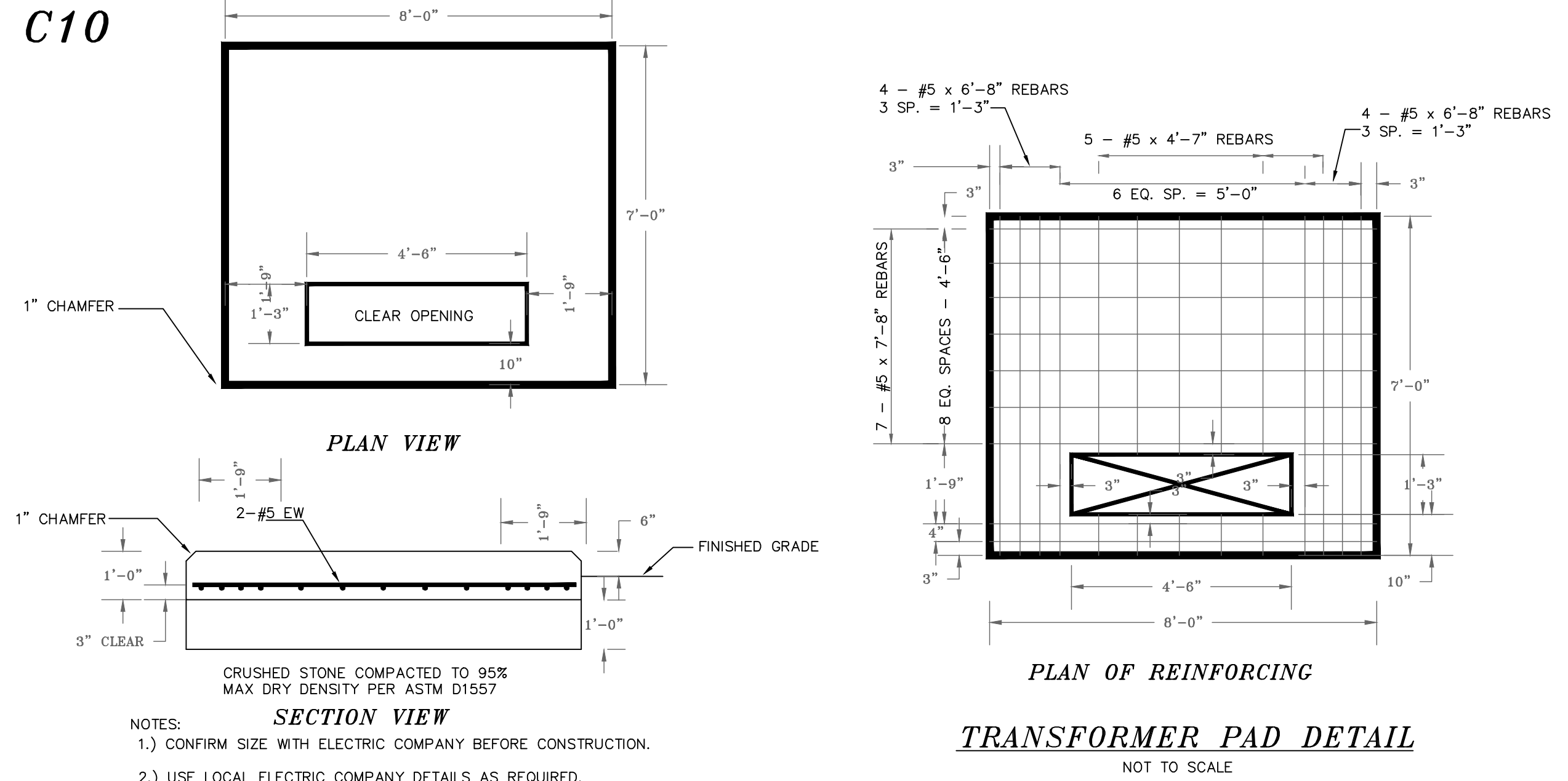
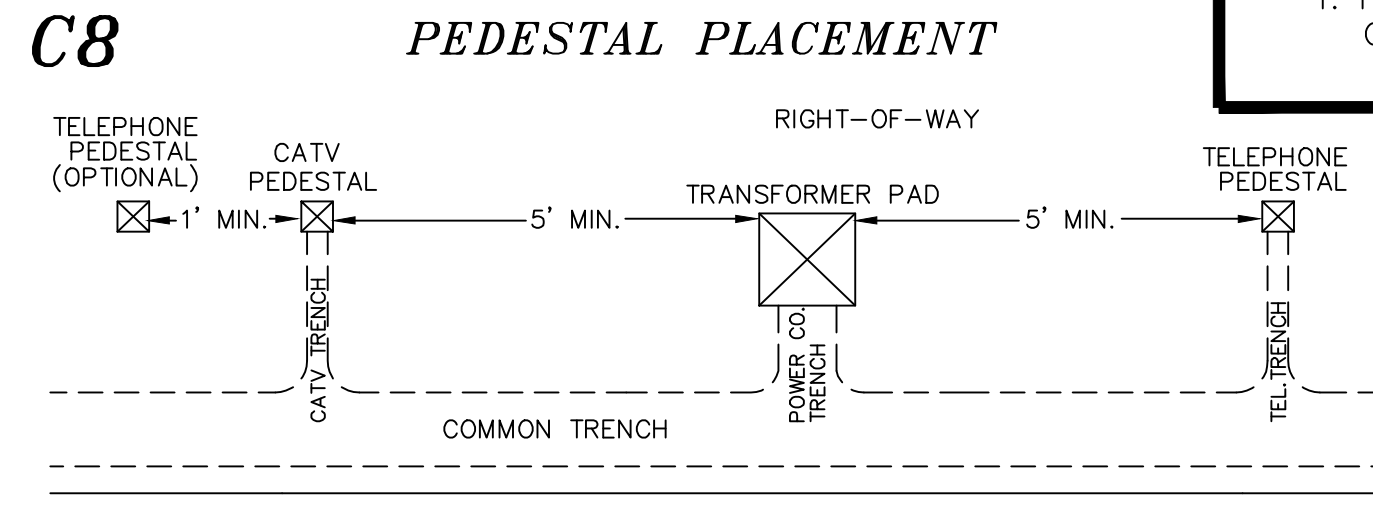
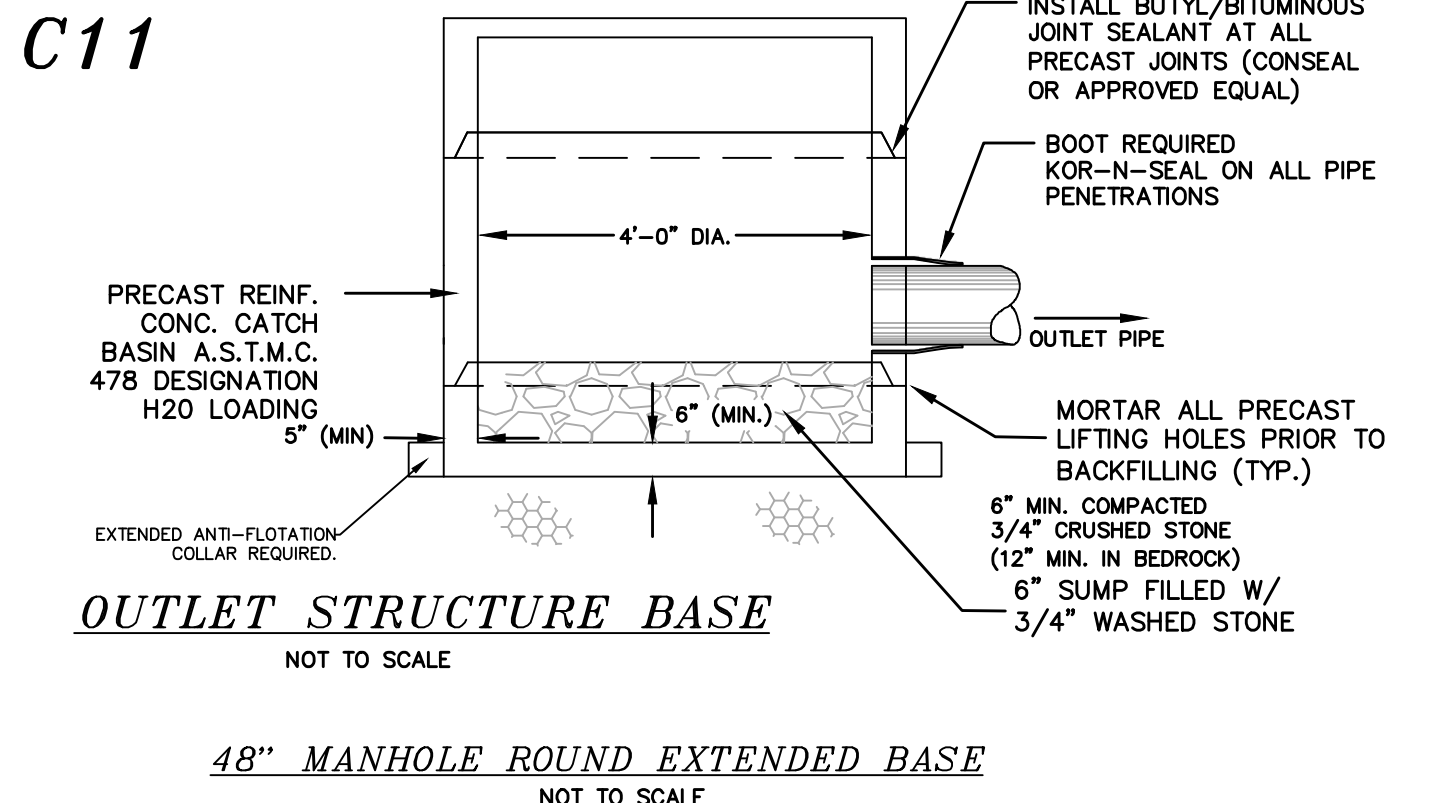
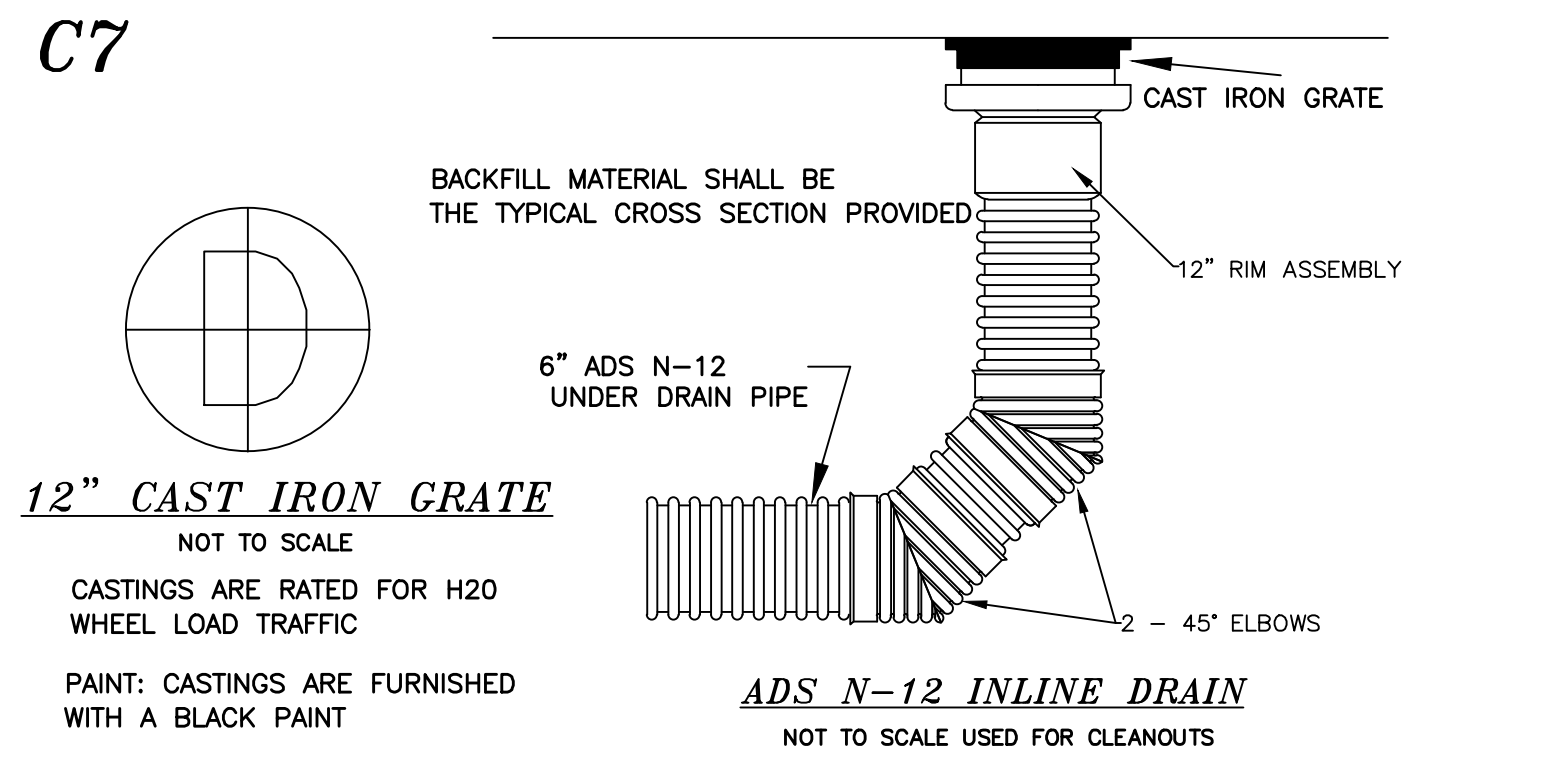
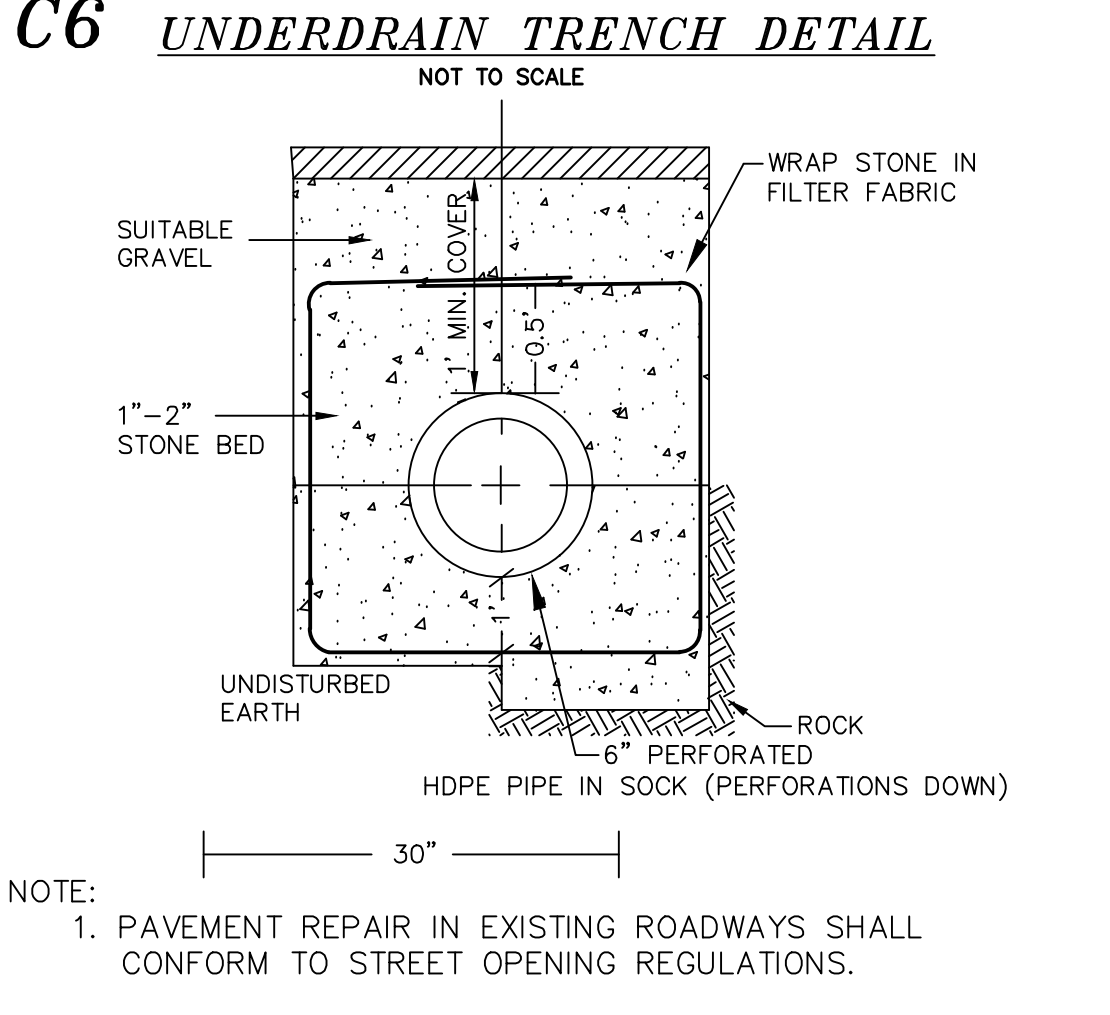
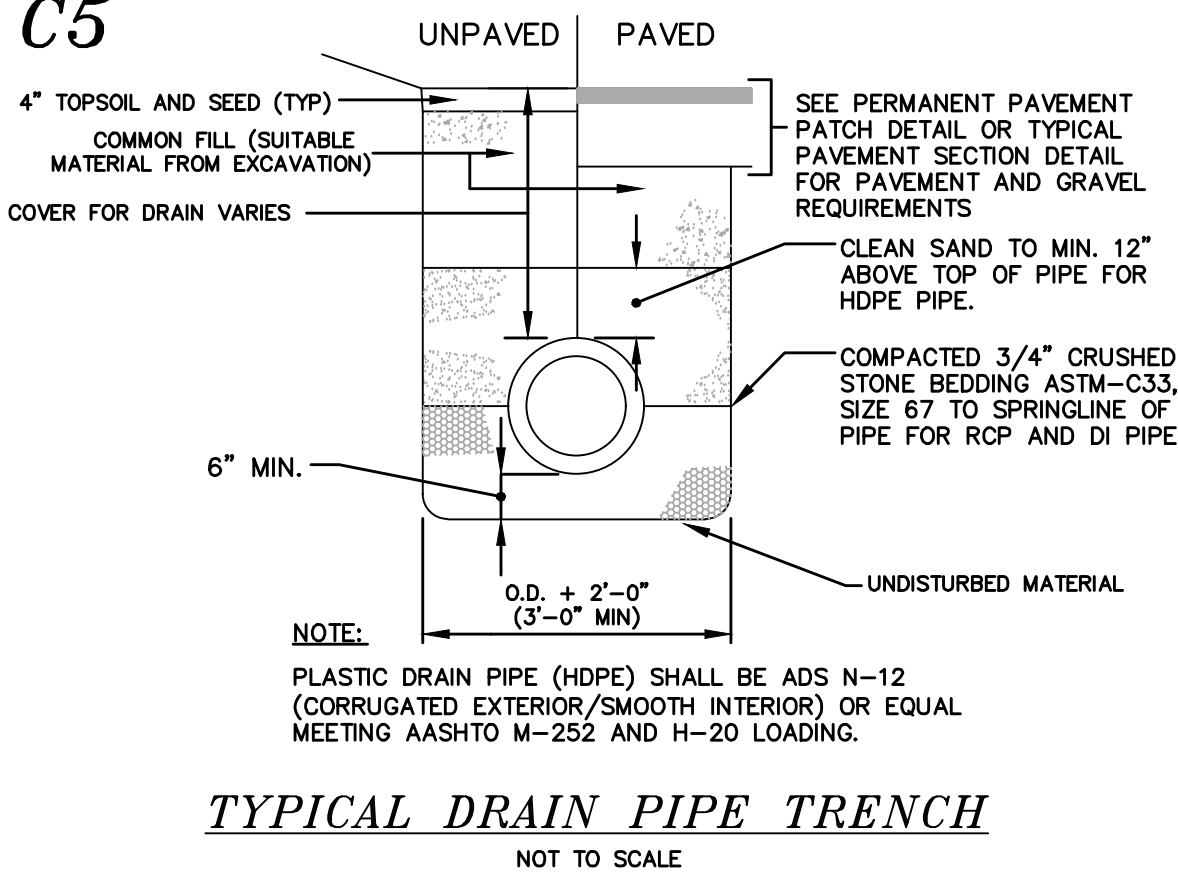


C4

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)



C11 SHEA

NOT TO SCALE

ITEM NO.	WEIGHT
1. HOLE MH4-1804D	1,200#
2. HOLE MH4-1804D	85#

REINFORCING CONE	ITEM NO.	WEIGHT
1'-6"	MH4-1804D	1,350#
2'-0"	MH4-1804D	1,750#
2'-6"	MH4-1804D	2,150#
3'-0"	MH4-1804D	2,550#
3'-6"	MH4-1804D	2,950#
4'-0"	MH4-1804D	3,350#
4'-6"	MH4-1804D	3,750#

RISER SECTION	ITEM NO.	WEIGHT
1'-0"	MH4-1804D	85#
1'-6"	MH4-1804D	175#
2'-0"	MH4-1804D	265#
2'-6"	MH4-1804D	355#
3'-0"	MH4-1804D	445#
3'-6"	MH4-1804D	535#
4'-0"	MH4-1804D	625#
4'-6"	MH4-1804D	715#

BASE SECTION	ITEM NO.	WEIGHT
2'-0"	MH4-1804D	2,450#
2'-6"	MH4-1804D	3,050#
3'-0"	MH4-1804D	3,650#
3'-6"	MH4-1804D	4,250#
4'-0"	MH4-1804D	4,850#
4'-6"	MH4-1804D	5,450#
5'-0"	MH4-1804D	6,050#

NOTES:

- CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
- REINFORCED STEEL CONFORMS TO LATEST ASTM A180 SPEC. 0.15% SULFUR, 0.12% PHOSPHORUS, AND 0.12% SILICON (BOTH MAX) BASE BOTTOM.
- H-20 DESIGN LOADING PER AASHTO HS-20-44, ASTM C478 SPEC FOR PRECAST REINFORCED CONCRETE MANHOLE SECTIONS.
- BUTYL RESIN JOINT CONFORMS TO LATEST ASTM C445 SPEC.
- STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP CONFORMS TO LATEST ASTM C478 SPEC.

MANHOLE 48" DIA EXTENDED BASE

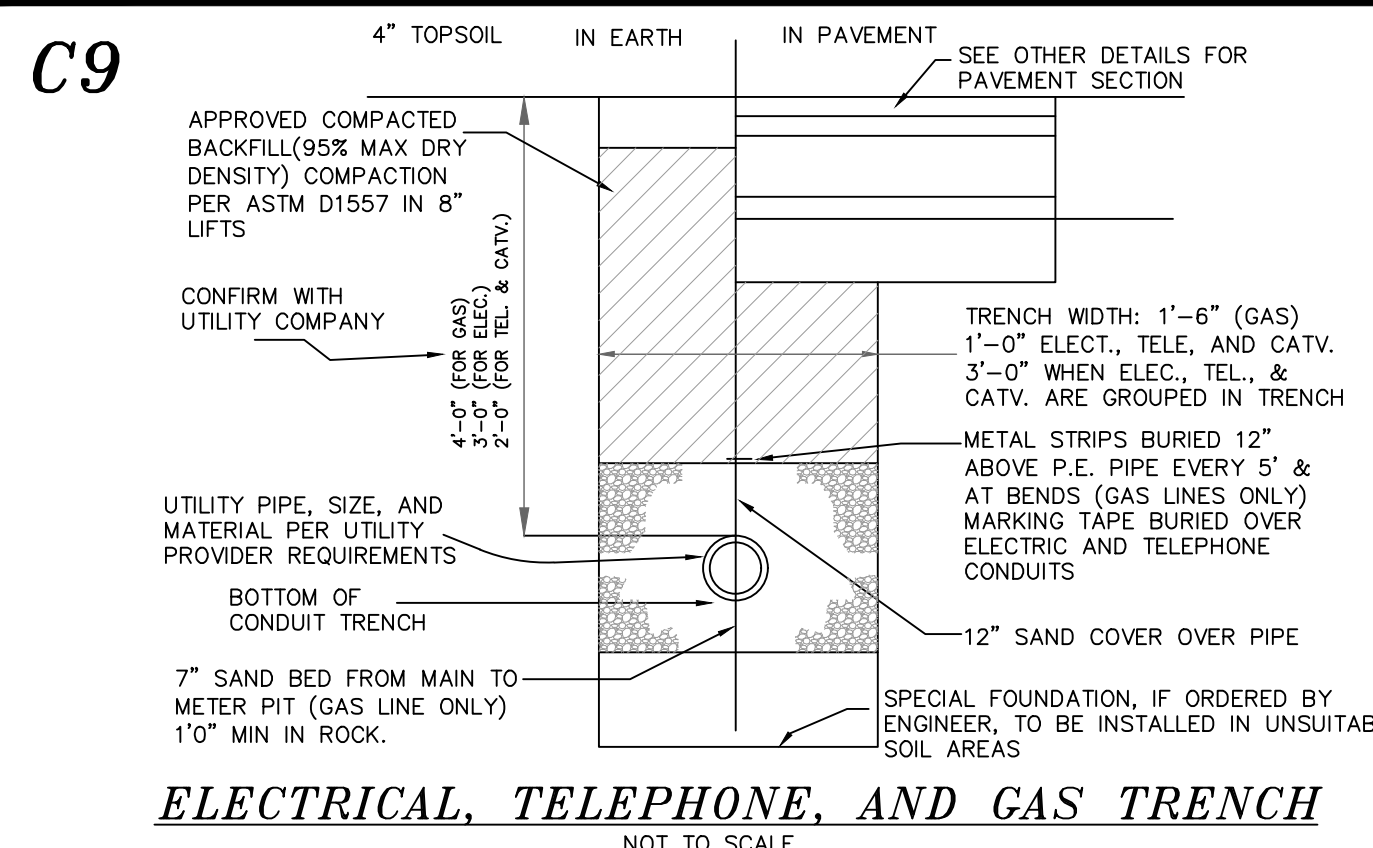
Page: 02.1.2

723 Salem Street - Amesbury, MA 01810
 87 North Hill Road - Amesbury, MA 01810
 Mail to: PO Box 320 - Wilmington, MA 01897

MANHOLE 48" DIA EXTENDED BASE

Page: 02.1.2

10/27/2018



REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED PER CONDITIONS OF APPROVAL
#5	11-23-20	REVISED PER NHDOS COMMENT
#4A	8-17-20	REVISED PER NHDOT COMMENT
#3A	5-26-20	REVISED FOR Aot RFM

CONSTRUCTION DETAILS
 LAND OF
 DOMUS DEVELOPERS INC.
 ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE: AS NOTED
 DATE: JUNE 3, 2019
 FILE NO.: DB 2018 - 030

KENNETH A. BERRY
 LICENSED PROFESSIONAL ENGINEER

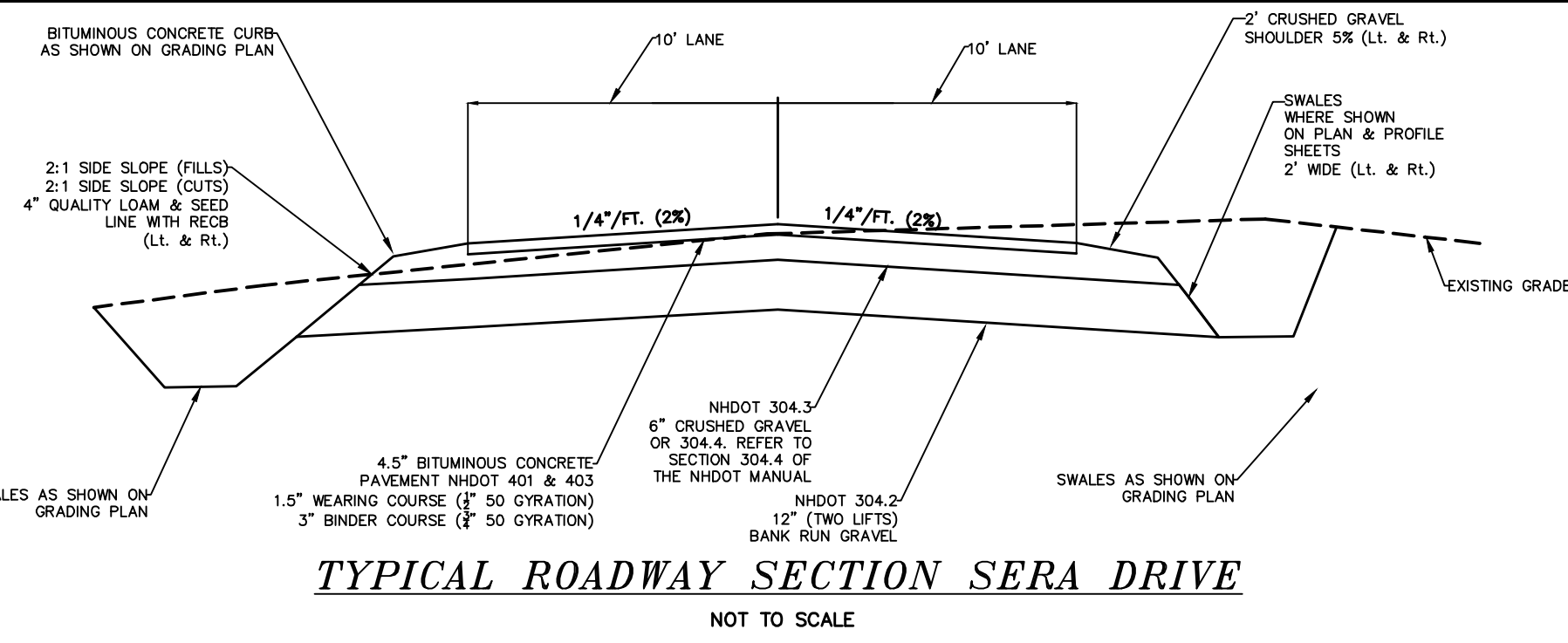
SHEET 24 OF 32

C12

CROSS SECTION NOTES

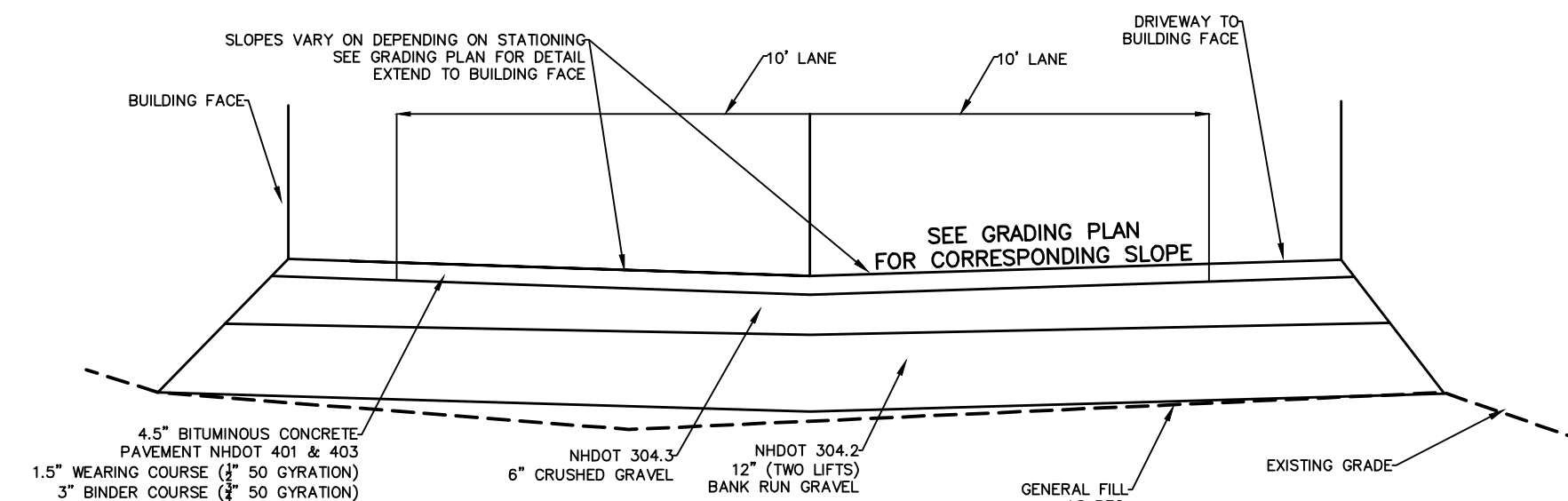
1. ALL ROADWAY FILL TO BRING ROAD TO SUBGRADE SHALL BE INSTALLED IN LIFTS NO GREATER THAN 12".
2. ALL FILL SHALL BE COMPACTED TO 95% MINIMUM. COMPACTION TESTS TO BE CONDUCTED AT THE START OF THE PROJECT AND NO FURTHER THAN 100 FEET APART.
3. GUARD RAIL REQUIRED AS NOTED ON PLAN & PROFILE SHEETS.
4. TEST PITTING WAS DONE WITHIN THE ROADWAY ALIGNMENT BY STONEY RIDGE ENVIRONMENTAL, & BS&E AND NO UNSUITABLE MATERIALS WERE ENCOUNTERED IN THOSE TEST PITS.

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.



TYPICAL ROADWAY SECTION SERA DRIVE

NOT TO SCALE



TYPICAL ROADWAY SECTION SERA EXTENSION

NOT TO SCALE

C15

LAMP "B" MOUNTED 15' ABOVE GRADE



D-Series Pole Mount LED Area Luminaire

Specifications Luminaire
 EPA: 0.8 ft² (0.07 m²)
 Width: 13.34" (341 mm)
 Length: 11.5" (293 mm)
 Height: 8" (203 mm)
 Weight: 16.50 lbs (7.5 kg)

EXAMPLE: DSXWPM LED 20C 1000 40K 15M MVOLT SPUMBA DBBXD

Order #	Qty	Part #	Description	Unit	Notes
DSXWPM LED	100	20C 1000 40K 15M MVOLT SPUMBA DBBXD	LED Luminaire	EA	

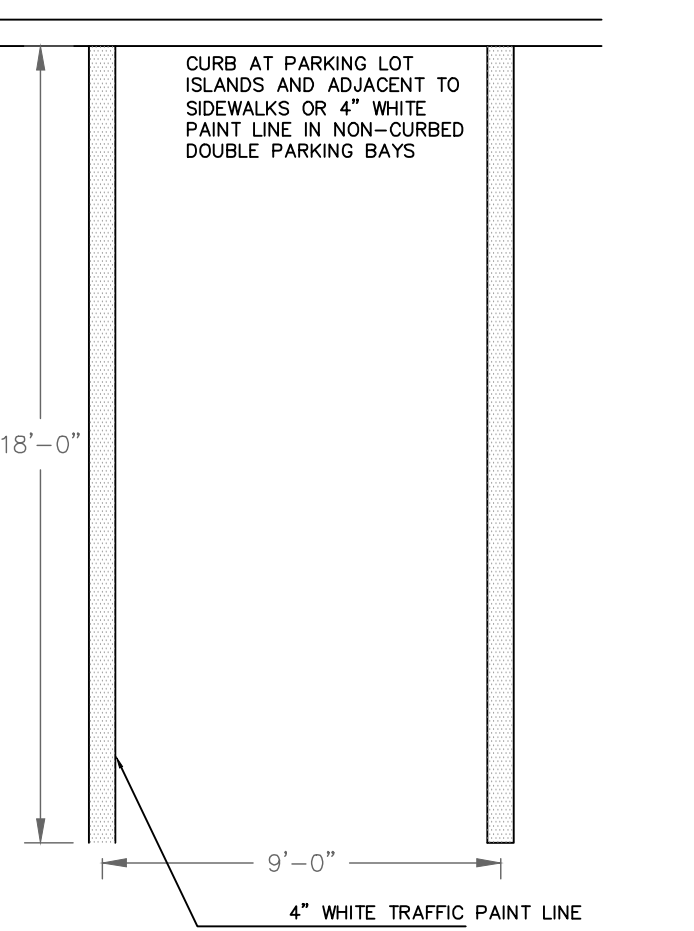
Accessories

Part #	Description	Unit
DSXWPM LED	LED Luminaire	EA
DSXWPM LED	LED Luminaire	EA
DSXWPM LED	LED Luminaire	EA

NOTES:

1. PROVIDE TWO COATS OF PAINT ON ALL PARKING LINES.
2. SEE PROPOSED SITE PLANS FOR LOCATION OF PARKING SPACES.
3. PAINTED SPACES ONLY WHERE MARKED ON SITE PLAN

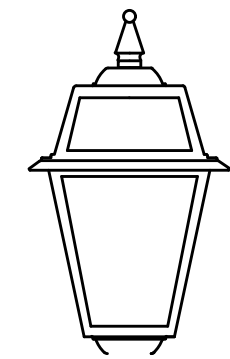
PARKING SPACE DETAIL



C19

C20

TYPICAL RESIDENTIAL LAMP "A"



MOUNTED 8' ON UNITS

C13

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 96" and larger are made as a two piece, bolt together design.

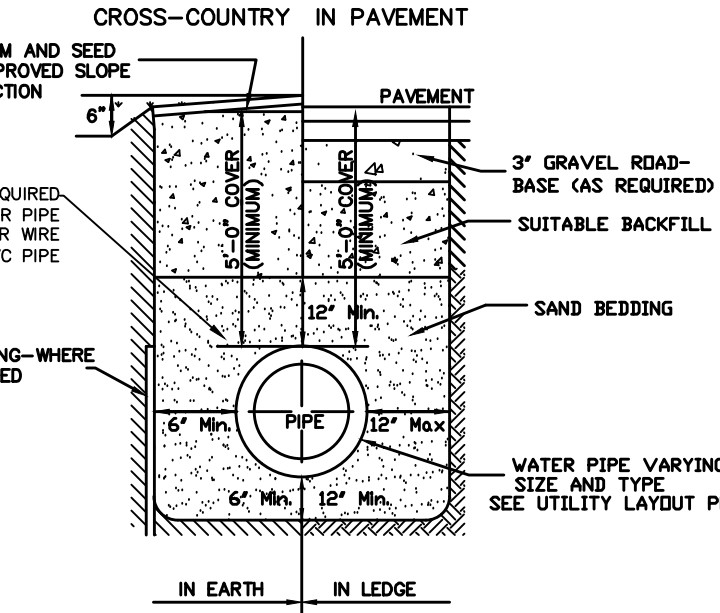
CONE GRATE

NOT TO SCALE

NOTE:
 MUST BE HAALA INDUSTRIES INC. OR EQUAL

C14

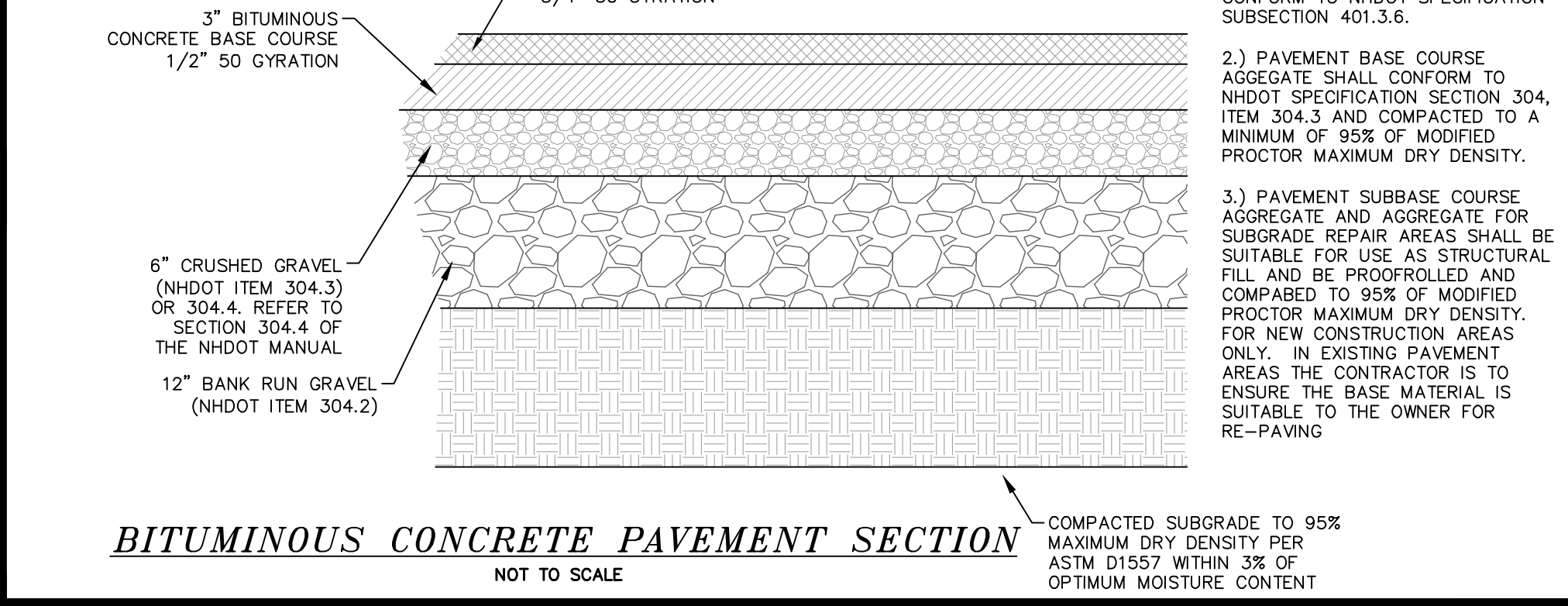
TYPICAL TRENCH DETAIL FOR WATER SYSTEM



TYPICAL TRENCH DETAIL FOR WATER SYSTEM

NOT TO SCALE

C18

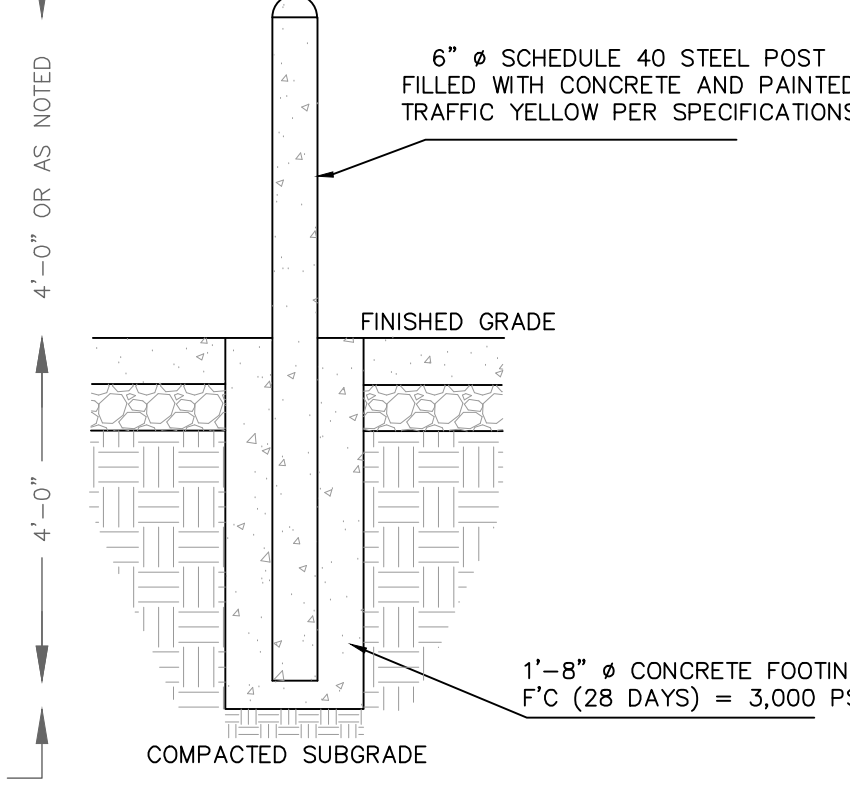


BITUMINOUS CONCRETE PAVEMENT SECTION

NOT TO SCALE

- NOTES:**
- 1.) BITUMINOUS MATERIALS SHALL CONFORM TO NHDOT SPECIFICATION SUBSECTION 401.3.6.
 - 2.) PAVEMENT BASE COURSE AGGREGATE SHALL CONFORM TO NHDOT SPECIFICATION SECTION 304. ITEM 304.3 AND COMPACTED TO A MINIMUM OF 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY. FOR NEW CONSTRUCTION AREAS ONLY. IN EXISTING PAVEMENT AREAS THE CONTRACTOR IS TO ENSURE THE BASE MATERIAL IS SUITABLE TO THE OWNER FOR RE-PAVING
 - 3.) PAVEMENT SUBBASE COURSE AGGREGATE AND AGGREGATE FOR SUBGRADE REPAIR AREAS SHALL BE SUITABLE FOR USE AS STRUCTURAL FILL AND BE PROOFROLLED AND COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY. FOR NEW CONSTRUCTION AREAS ONLY. IN EXISTING PAVEMENT AREAS THE CONTRACTOR IS TO ENSURE THE BASE MATERIAL IS SUITABLE TO THE OWNER FOR RE-PAVING

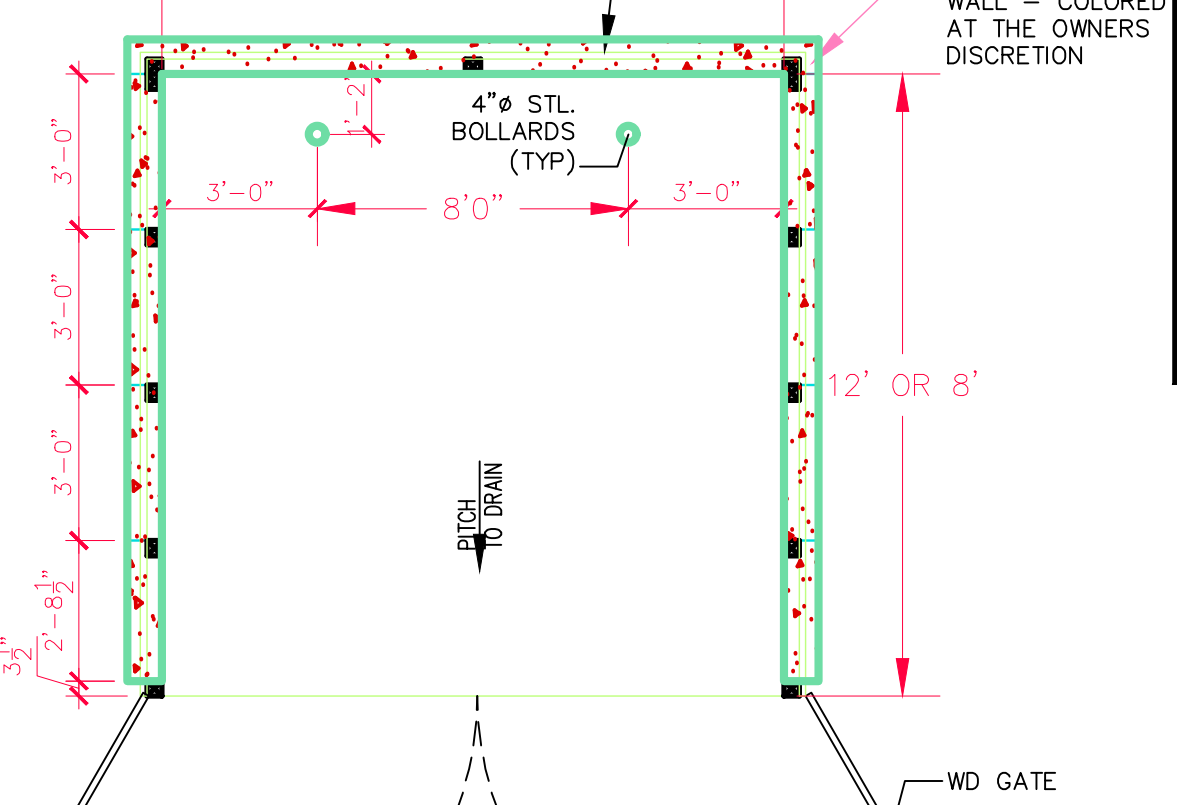
C16



BOLLARD DETAIL

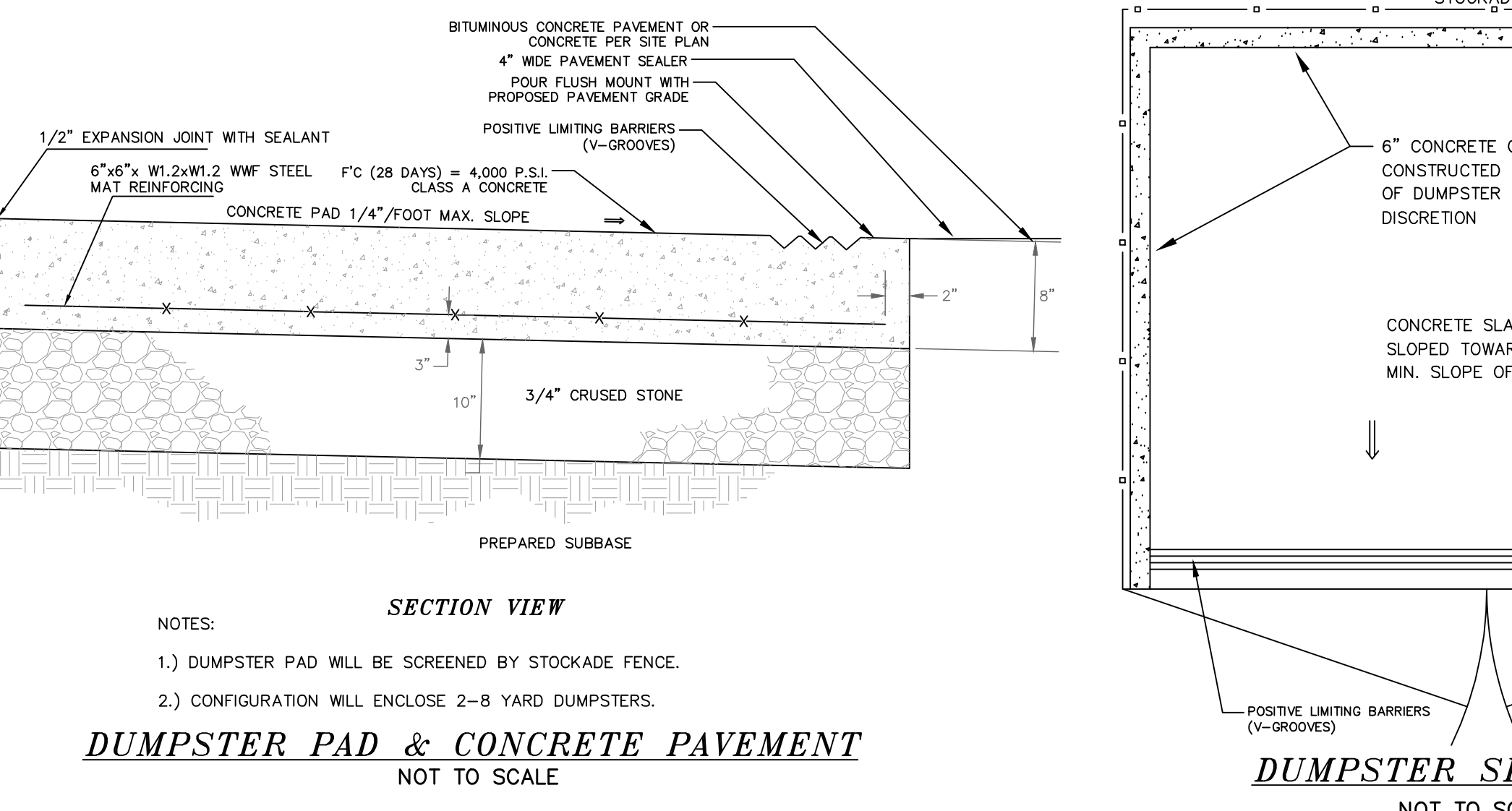
NOT TO SCALE

C17



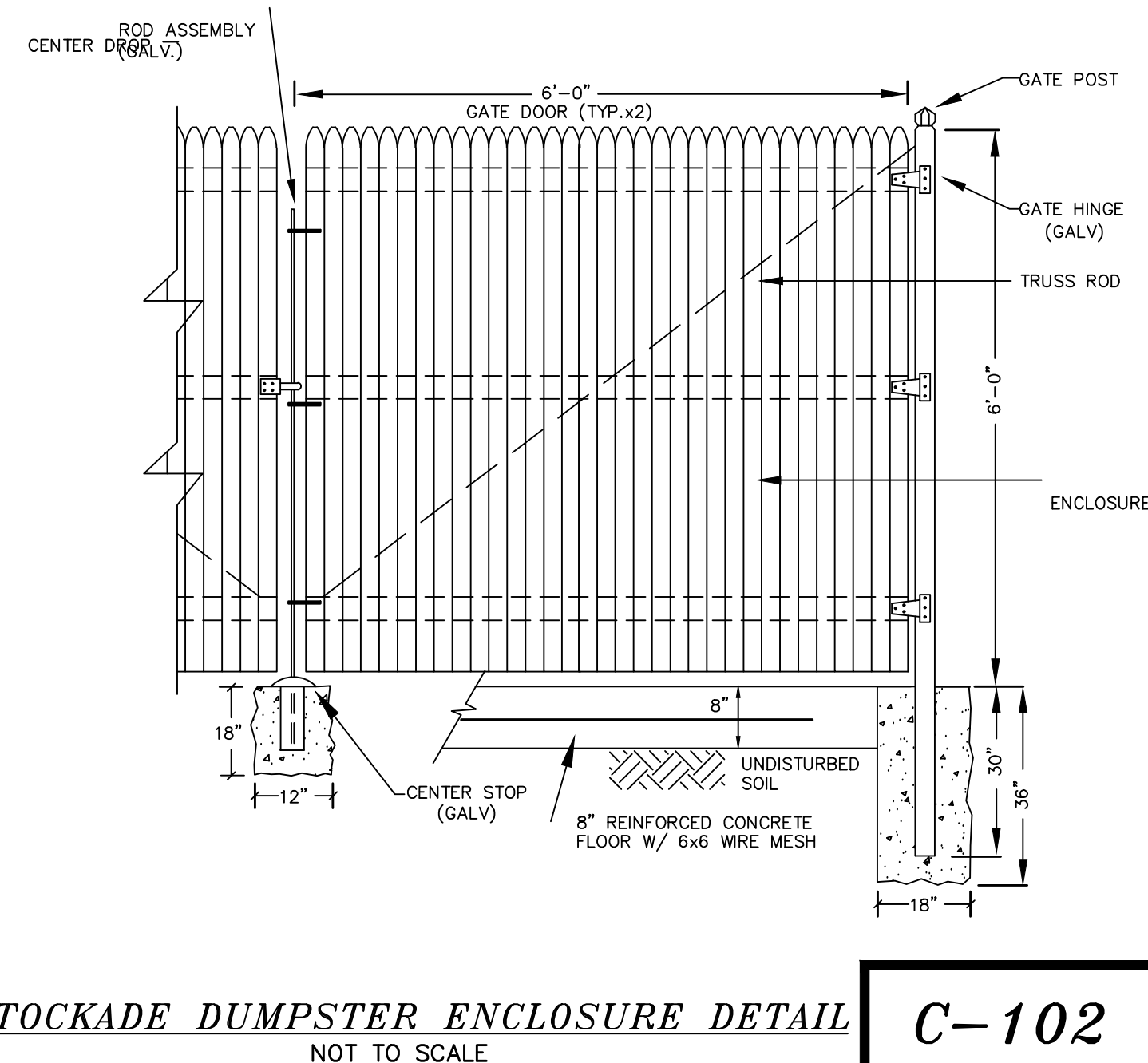
DUMPSTER PAD & CONCRETE PAVEMENT

NOT TO SCALE



DUMPSTER SLAB DETAILS

NOT TO SCALE



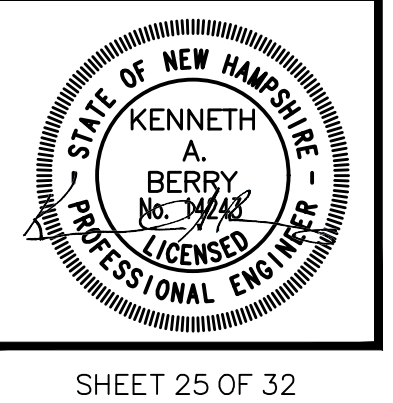
STOCKADE DUMPSTER ENCLOSURE DETAIL

NOT TO SCALE

#6	#5	#4A	#3A	REVISION	DATE	DESCRIPTION
11-24-20	11-23-20	8-17-20	5-26-20			
						REVISED PER CONDITIONS OF APPROVAL
						REVISED PER NHDES COMMENT
						REVISED PER NHDOT COMMENT
						REVISED FOR AOT RFM

CONSTRUCTION DETAILS
 LAND OF
 DOMUS DEVELOPERS INC.
 ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22

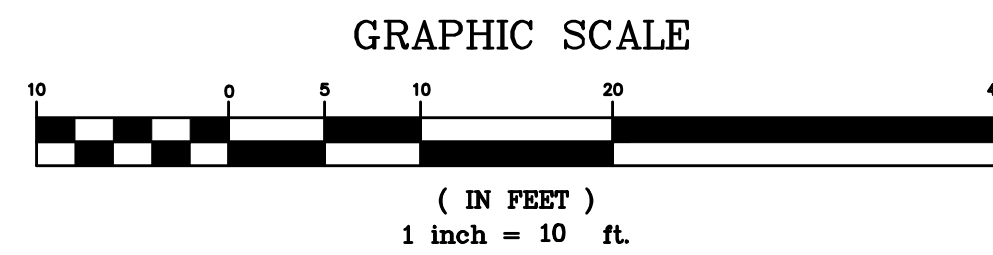
BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE: AS NOTED
 DATE: JUNE 3, 2019
 FILE NO.: DB 2018 - 030



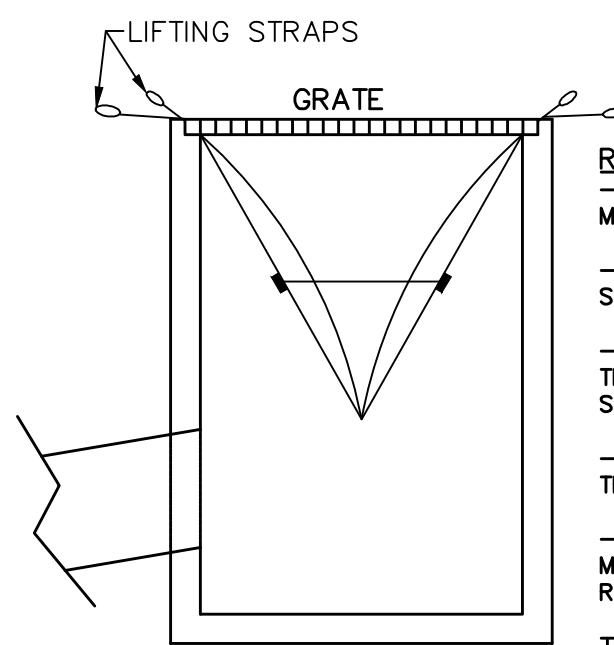
C21



PROPOSED FIRE TRUCK TURNING SERA DRIVE



C24



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.

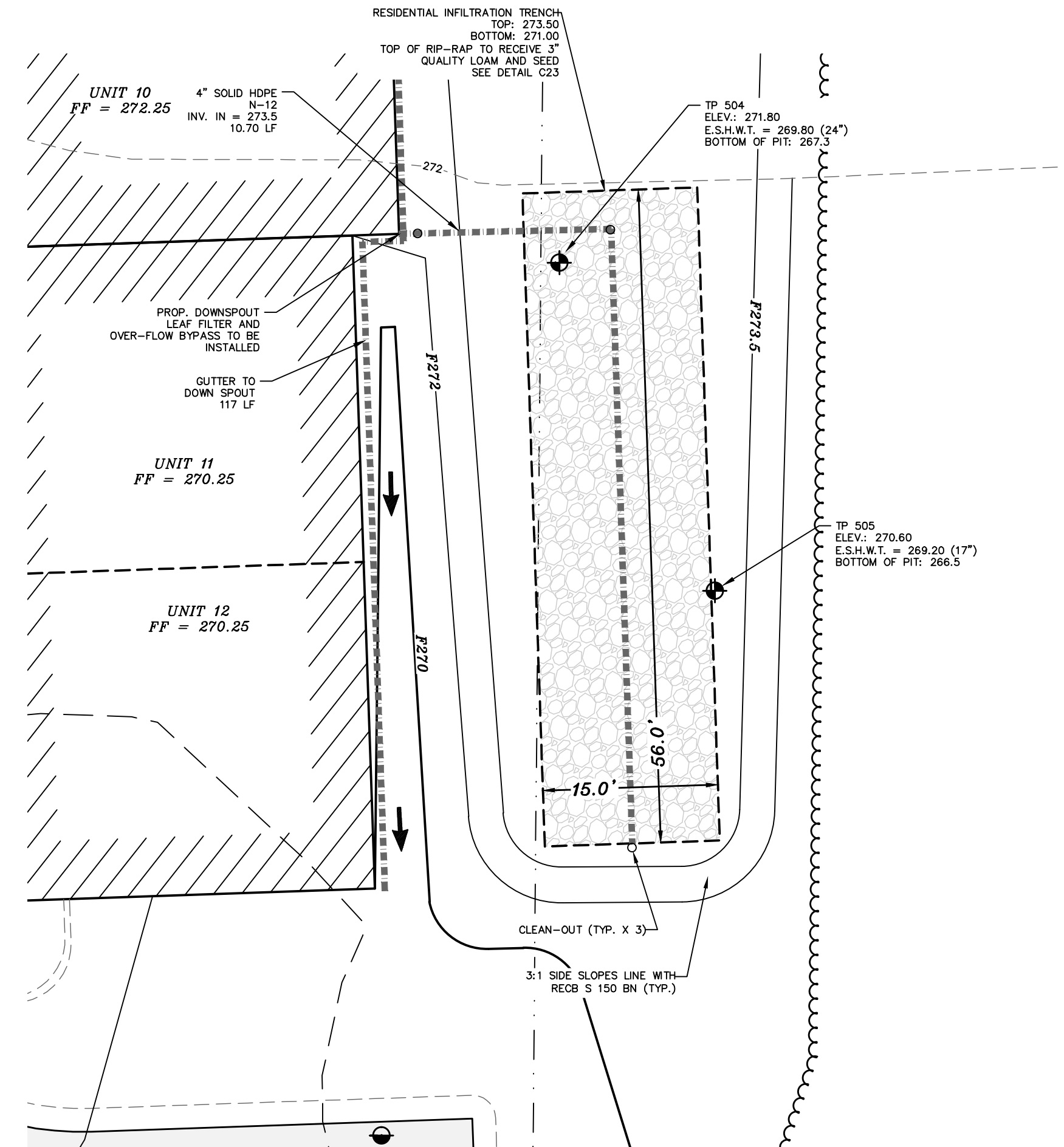
TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, TEMPORARY STORM DRAIN INLET PROTECTION, PAGE 118.

SILTSACK DETAIL NOT TO SCALE

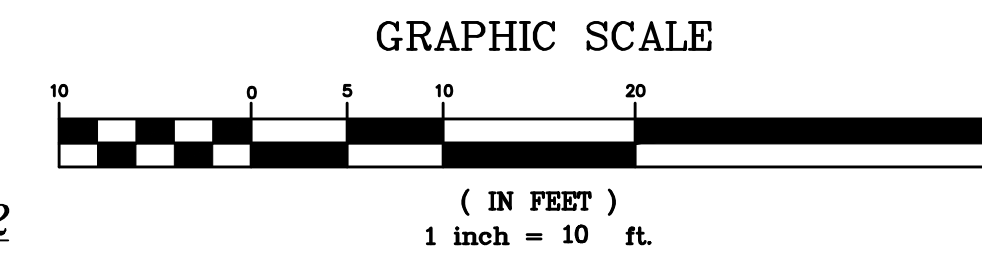
C25

BEST MANAGEMENT PRACTICES FOR BLASTING
 ENV-WQ 1510.03 LOADING PRACTICES. THE FOLLOWING BLAST HOLE LOADING PRACTICES SHALL BE IMPLEMENTED:
 (A) THE DRILLER SHALL MAINTAIN DRILLING LOGS TO DOCUMENT:
 (1) THE DEPTHS AND LENGTHS OF VOIDS, CAVITIES, AND FAULT ZONES OR OTHER WEAK ZONES ENCOUNTERED; AND
 (2) GROUNDWATER CONDITIONS.
 (B) THE DRILLER SHALL COMMUNICATE THE CONTENTS OF THE DRILLING LOGS DIRECTLY TO THE BLASTER;
 (C) EXPLOSIVE PRODUCTS SHALL BE MANAGED ON SITE SUCH THAT THEY ARE:
 (1) USED IN THE BOREHOLE;
 (2) RETURNED TO THE DELIVERY VEHICLE; OR
 (3) PLACED IN SECURE CONTAINERS FOR OFF-SITE DISPOSAL;
 (D) SPILLAGE AROUND THE BOREHOLE SHALL BE:
 (1) PLACED IN THE BOREHOLE; OR
 (2) CLEANED UP AND RETURNED TO AN APPROPRIATE VEHICLE FOR HANDLING OR PLACEMENT IN SECURED CONTAINERS FOR OFF-SITE DISPOSAL;
 (E) LOADED EXPLOSIVES SHALL BE DETONATED AS SOON AS POSSIBLE AND NOT LEFT IN THE BLAST HOLES OVERNIGHT, UNLESS WEATHER OR OTHER SAFETY CONCERNS REASONABLY DICTATE THAT DETONATION SHOULD BE POSTPONED;
 (F) LOADING EQUIPMENT SHALL BE CLEANED IN AN AREA WHERE WASTEWATER CAN BE PROPERLY CONTAINED AND HANDLED IN A MANNER THAT PREVENTS RELEASE OF CONTAMINANTS TO THE ENVIRONMENT; AND
 (G) EXPLOSIVES SHALL BE LOADED IN ACCORDANCE WITH INDUSTRY STANDARD PRACTICES FOR PRIMING, STEMMING, BECKING AND COLUMN RISE TO MAINTAIN GOOD CONTINUITY IN THE COLUMN LOAD TO PROMOTE COMPLETE DETONATION.

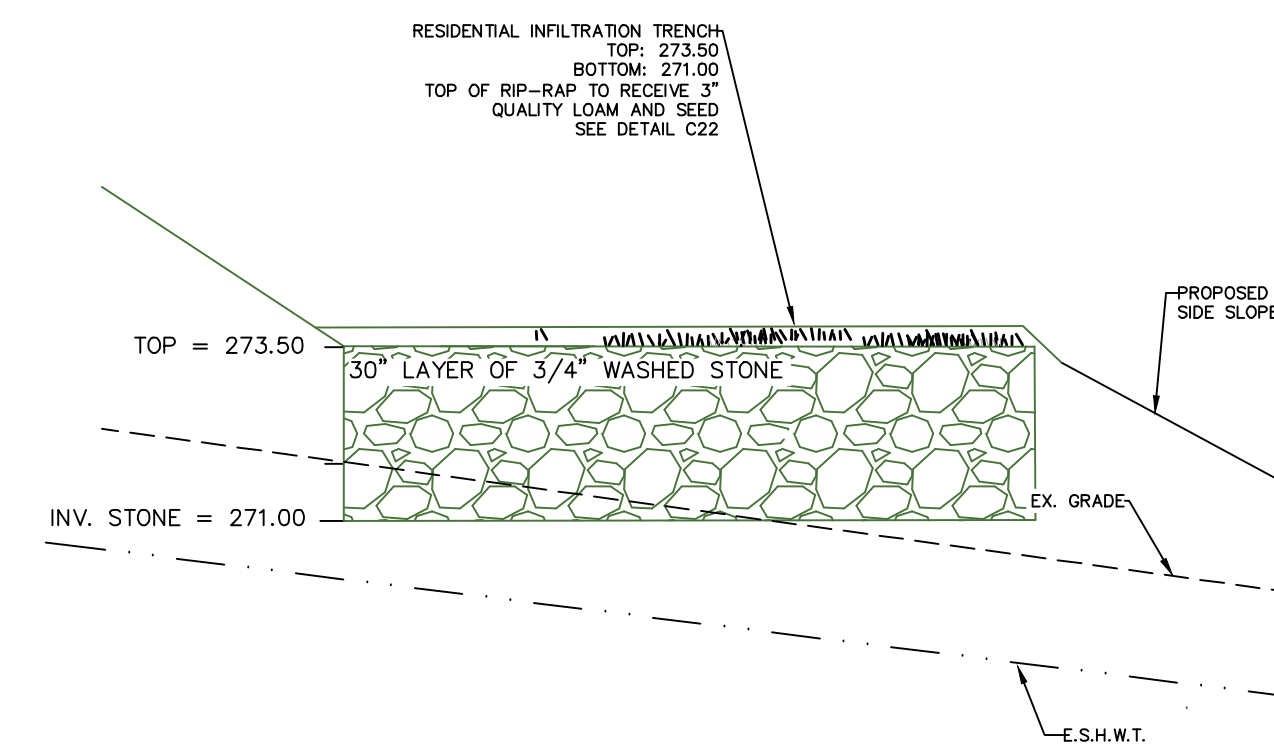
C22



PLAN VIEW OF INFILTRATION TRENCH UNITS 9-12



C23

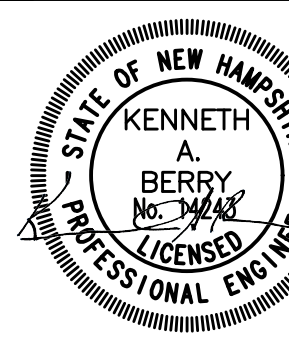


PROFILE VIEW OF INFILTRATION TRENCH

REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED PER CONDITIONS OF APPROVAL
#5	11-23-20	REVISED PER NHDES COMMENT
#4A	8-17-20	REVISED PER NHDOT COMMENT
#3A	5-26-20	REVISED FOR Aot RFMI

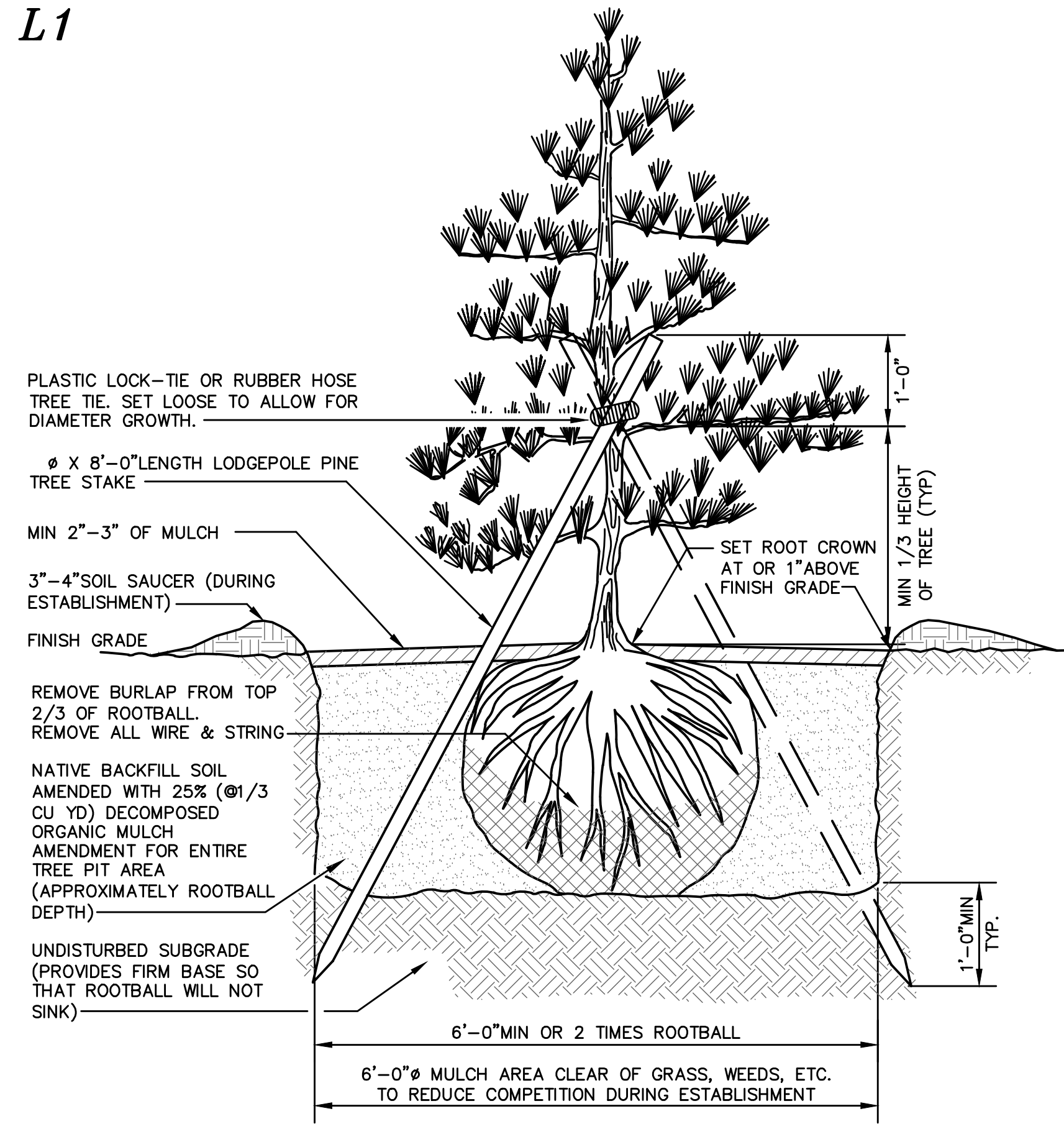
CONSTRUCTION DETAILS
 LAND OF
 DOMUS DEVELOPERS INC.
 ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE : AS NOTED
 DATE : JUNE 3, 2019
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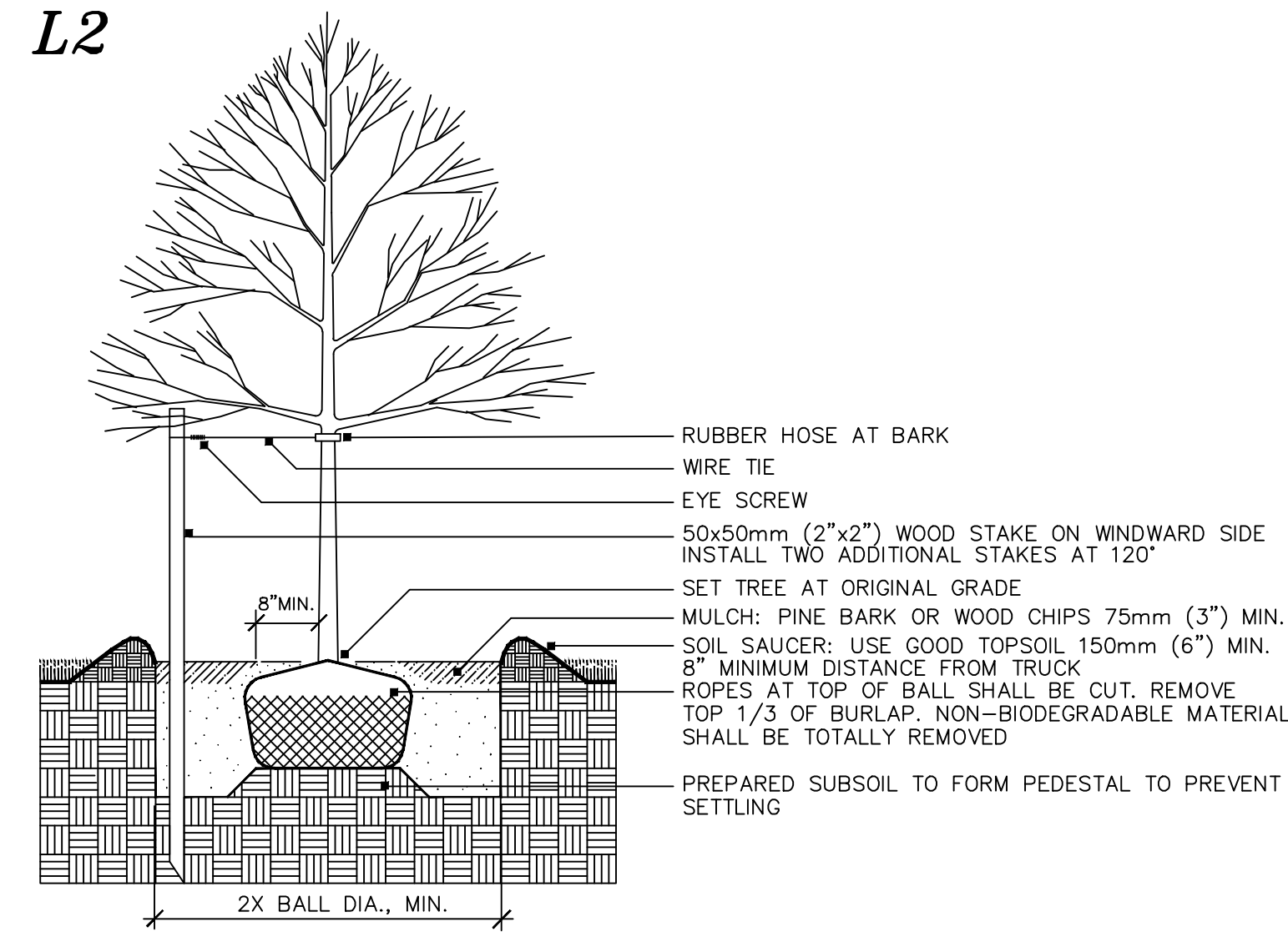
C-103

L1



CONIFEROUS TREE PLANTING

L2



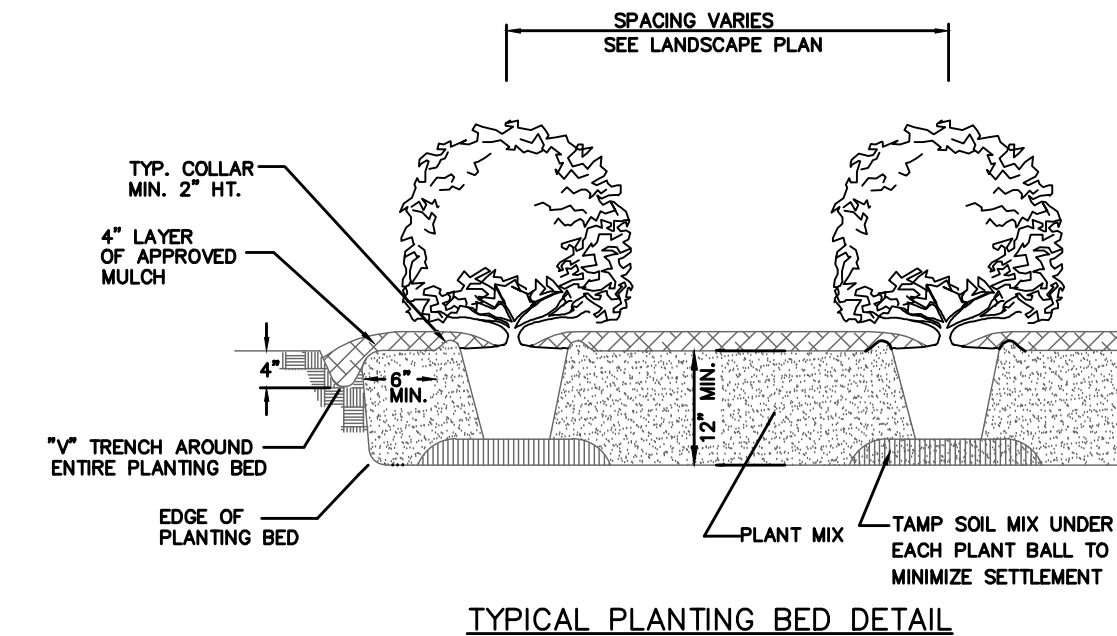
DECIDUOUS TREE PLANTING

NOTE: STAKING TO BE USED IN PARKING ISLANDS AND OTHER CONFINED AREAS AS NECESSARY TO AVOID CONFLICTS WITH PEDESTRIANS

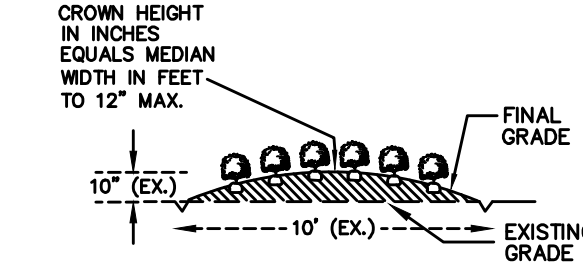
L3

NOTES:

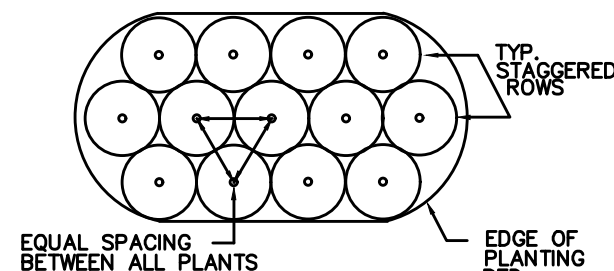
- SCARIFY ROOT MASS OF CONTAINERIZED PLANT MATERIAL.
- INSTALL CONTAINERIZED PLANTS AT FINISHED GRADE
- TAMP PLANTING MIX FIRMLY AS PIT IS FILLED AROUND EACH PLANT BALL.
- OMIT COLLAR AROUND EACH SHRUB WHEN IRRIGATION SYSTEM IS PRESENT.
- SOAK EACH PLANT BALL AND PIT IMMEDIATELY AFTER INSTALLATION.



TYPICAL PLANTING BED DETAIL



TYPICAL BED CROWNING



TYPICAL PLANTING BED PLAN

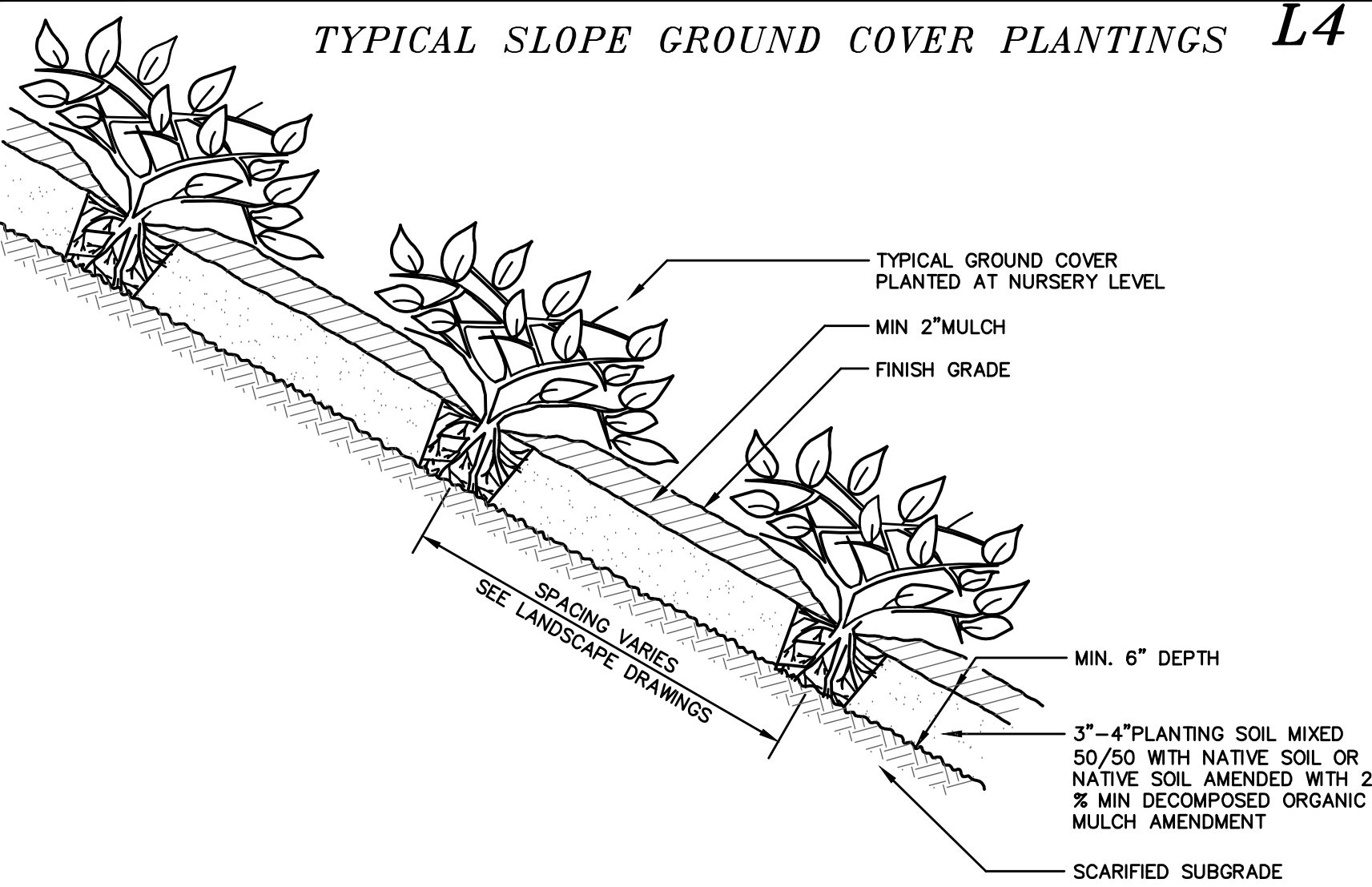
SHRUB & HEDGE PLANTING

L6

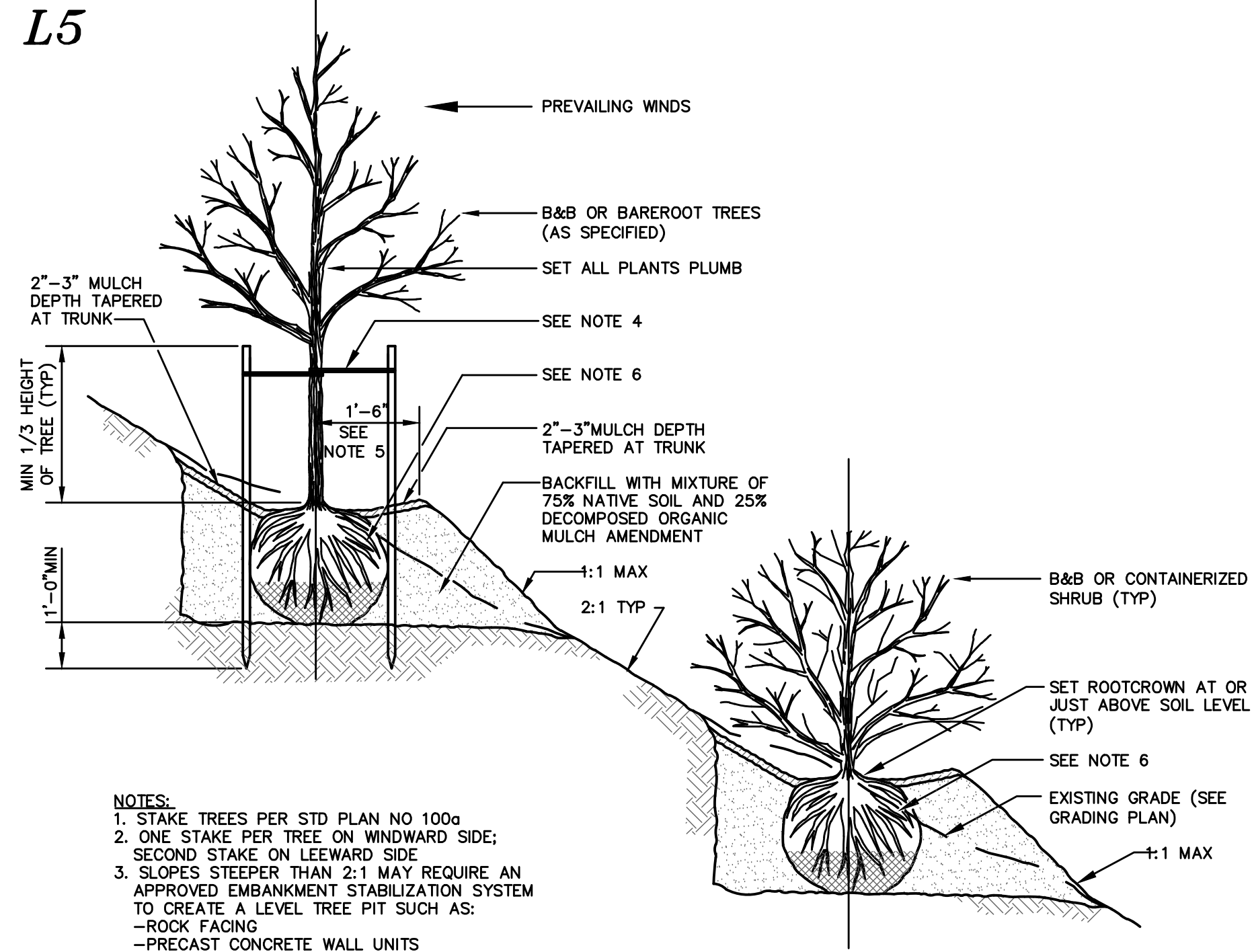
NOTES:

- CALL DIG SAFE PRIOR TO BEGINNING WORK. (1-888-344-7233). THE LANDSCAPE CONTRACTOR IS ADVISED OF THE PRESENCE OF UNDERGROUND UTILITIES AND SHALL VERIFY THE EXISTENCE AND LOCATION OF THE SAME BEFORE COMMENCING AND DIGGING OPERATIONS. THE LANDSCAPE CONTRACTOR SHALL REPLACE OR REPAIR UTILITIES, PAVING, WALKS, CURBING, ETC DAMAGED IN PERFORMANCE OF THIS JOB AT NO ADDITIONAL COST TO THE OWNER OR GENERAL CONTRACTOR.
- CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL SITE CONDITIONS PRIOR TO CONSTRUCTION BIDDING. SEE NOTE XXX ON OVERALL SITE PLAN.
- PROVIDED SMOOTH TRANSITION WHERE NEW WORK MEETS EXISTING CONDITIONS.
- ALL PLANT MATERIAL INSTALLED SHALL MEET THE SPECIFICATIONS OF "AMERICAN STANDARD FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
- ALL PLANT MATERIALS SHALL BE FREE FROM INSECTS AND DISEASE.
- ALL PLANTINGS SHALL BE DONE IN ACCORDANCE WITH ACCEPTABLE HORTICULTURAL PRACTICES. THIS IS TO INCLUDE PROPER PLANTING MIX, PLANT BED AND TREE PIT PREPARATION, PRUNING STAKING OR GUYING, WRAPPING, SPRAYING, FERTILIZATION, PLANTING AND ADEQUATE MAINTENANCE UNTIL ACCEPTANCE FROM OWNER.
- ALL GRASS, OTHER VEGETATION AND DEBRIS SHALL BE REMOVED FROM ALL PLANTING AREAS PRIOR TO PLANTING.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING AND NEWLY PLANTED TREES AND SHRUBS DURING THE CONSTRUCTION PROCESS. WHERE REQUIRED, THE CONTRACTOR SHALL INSTALL TEMPORARY FENCING (SNOW OR EQUAL) AROUND EXISTING TREES AND SHRUBS THAT COULD BE IMPACTED BY THE CONSTRUCTION PROCESS. STORAGE OF CONSTRUCTION EQUIPMENT, CONSTRUCTION MATERIALS, SNOW STORAGE AND OR VEHICLE PARKING SHALL NOT BE PERMITTED WITHIN THE DRIP LINE OF TREES OR TWENTY FEET WHICH EVER IS GREATER.
- NEW PLANTINGS SHALL BE INSTALLED PER PROJECT DRAWINGS AND SPECIFICATION THAT INCLUDE FERTILIZATION AND MULCHING AS REQUIRED.
- ALL SHRUB BEDS AND TREE PITS SHALL BE MULCHED WITH 3" CLEAN SHREDDED BLACK MULCH.
- WHERE INDICATED ON PLAN, PLANTING SOIL MIXTURE FOR GROUND COVER AND PERENNIAL BED AREAS SHALL CONSIST OF FOUR PARTS TOPSOIL, TWO PARTS SPHAGNUM PEAT MOSS, AND ONE PART HORTICULTURAL PERLITE BY VOLUME. PEAT MOSS MAY BE SUBSTITUTED WITH WELL-ROTTED OR DEHYDRATED MANURE OR COMPOST. ROTOTILL BEDS TO A DEPTH OF 8 INCHES.
- MAINTENANCE OF NEW PLANTINGS AND LAWNS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND OR LANDSCAPE SUBCONTRACTOR UNTIL ACCEPTANCE BY THE OWNER. RESPONSIBILITIES SHALL INCLUDE WATERING WEEDING AND MOWING AS NECESSARY. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE, REPLACEMENT MATERIAL SHALL BE GUARANTEED FOR AND ADDITIONAL YEAR FROM TIME OF INSTALLATION.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL TEMPORARY EROSION CONTROL MEASURES DURING THE CONSTRUCTION PHASE AND UNTIL ALL AREAS HAVE BEEN STABILIZED AND ACCEPTED BY THE OWNER. THE GENERAL CONTRACTOR SHALL PROVIDE WEEKLY INSPECTIONS OF EROSION MEASURE AND IMMEDIATELY AFTER STORM EVENTS AND REPAIR AS NECESSARY.
- THE GENERAL CONTRACTOR AND OR THE LANDSCAPE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL THREE GUYING MATERIAL ONCE PLANT MATERIAL HAS BEEN ESTABLISHED. (MINIMUM OF ONE GROWING SEASON). ALL TEMPORARY EROSION CONTROL MEASURE SHALL BE REMOVED ONCE STABILIZATION OF DISTURBANCE HAS BEEN ACCEPTED BY OWNER.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR A MINIMUM OF TWO MOWINGS FOR ALL TURF AREAS OR UNTIL ACCEPTANCE BY THE OWNER. A MINIMUM UNIFORM 75% CATCH OF TURF IS REQUIRED FOR ACCEPTANCE.
- ALL PLANTINGS SHALL BE WATERED REGULARLY DURING THEIR FIRST YEAR AND MAINTAINED PERMANENTLY IN GOOD GROWING CONDITION AS AN EFFECTIVE VISUAL SCREEN.
- SHRUBS OR TREES WHICH DIE SHALL BE REPLACED WITHIN ONE GROWING SEASON WITH NEW SHRUBS OR TREES TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE LANDSCAPING REQUIREMENTS.
- ALL REQUIRED LANDSCAPING SHALL BE INSTALLED BEFORE OCCUPANCY, OR WITHIN SIX MONTHS IF OCCUPANCY OCCURS DURING WINTER CONDITIONS.
- TREES ARE TO BE 2-2.5" CALIPER 6" OFF THE ROOT BALL.
- ALL PLANT STOCK SHALL CONFORM TO ANSI Z260.1 - NURSERY STOCK, LATEST EDITIONS (AMERICAN ASSOCIATION OF NURSERYMEN, INC.)
- 4" AGED PINEBARK MULCH AND A WEED BARRIER (TY-PAR FABRIC OR APPROVED EQUAL) SHALL BE APPLIED TO ALL SHRUB AND GROUND COVER BEDS. INSTALL WEED BARRIER AS PER MANUFACTURERS RECOMMENDATIONS.
- PLANT-PIT BACK-FILL SHALL BE MIXED AT A RATE OF 7 PARTS OF TOPSOIL TO 2 PARTS OF DEHYDRATED COW MANURE. SLOW RELEASE FERTILIZER SHALL BE APPLIED AS PER MANUFACTURERS RECOMMENDATIONS. USE EXISTING ON-SITE TOPSOIL AS PART OF BACK FILL WHEN AVAILABLE.
- ALL LANDSCAPED AREAS NOT PLANTED WITH TREES, SHRUBS OR GROUND COVER SHALL BE RESTORED WITH SEED OR SOD AS INDICATED ON PLANS.

TYPICAL SLOPE GROUND COVER PLANTINGS L4



L5

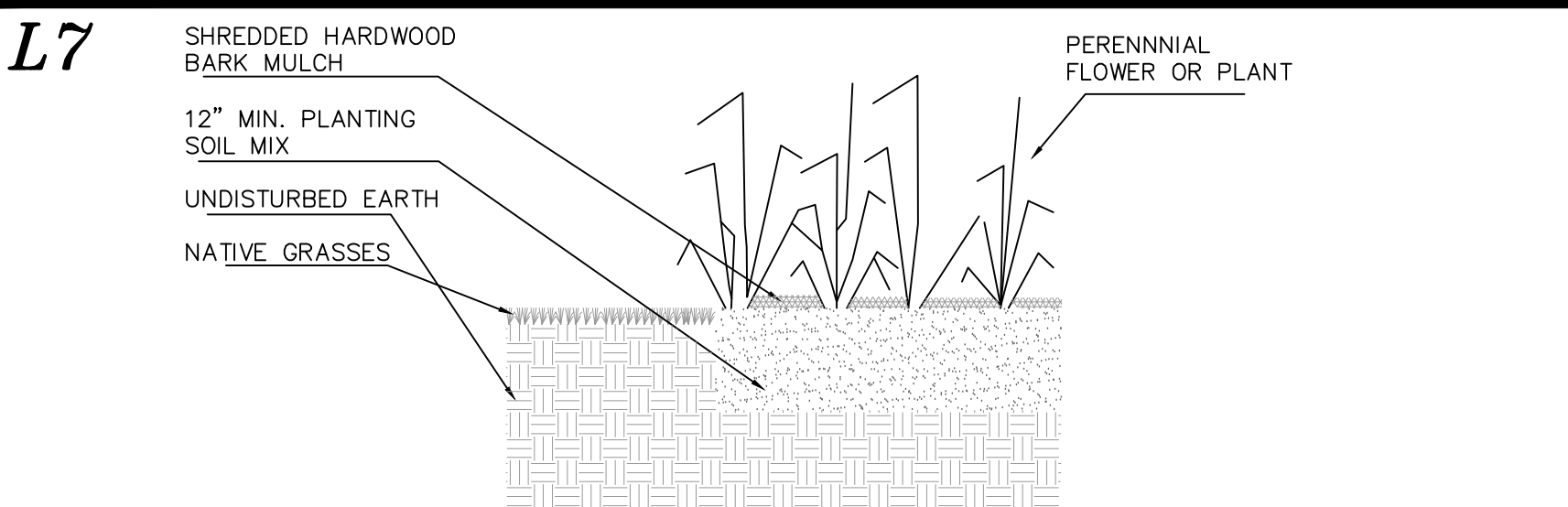


TREE PLANTING ON SLOPES

NOTES:

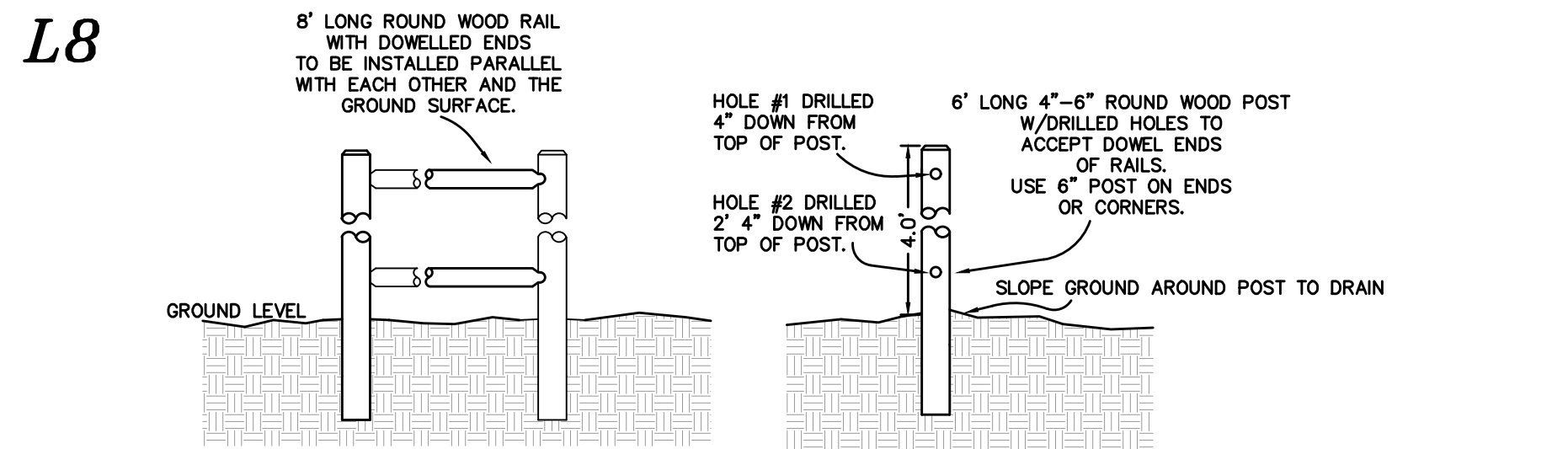
- STAKE TREES PER STD PLAN NO 100g
- ONE STAKE PER TREE ON WINDWARD SIDE; SECOND STAKE ON LEeward SIDE
- SLOPES STEEPER THAN 2:1 MAY REQUIRE AN APPROVED EMBANKMENT STABILIZATION SYSTEM TO CREATE A LEVEL TREE PIT SUCH AS:
 - ROCK FACING
 - PRECAST CONCRETE WALL UNITS
 - TIMBER WALL
 - MANUFACTURED SLOPE RETENTION UNITS
- CHAINLOCK TREE TIE. LOOP EACH TIE AROUND TREE LOOSELY TO PROVIDE 1" SLACK FOR DIAMETER GROWTH.
- SHAPE SOIL TO PROVIDE 3' DIAMETER OR ROOTBALL DIAMETER, WHICHEVER IS GREATER, WATERING RING.
- REMOVE ALL WIRE AND STRING. REMOVE TOP 2/3 OF BURLAP.

L7



PERENNIAL PLANTING DETAIL

L8



TYPICAL POST & RAIL FENCE DETAIL N.T.S.

#6	11-24-20	REVISED PER CONDITIONS OF APPROVAL		
#5	11-23-20	REVISED PER NHDES COMMENT		
#4A	8-17-20	REVISED PER NHDOT COMMENT		
#3A	5-26-20	REVISED FOR AOT RFMI		
REVISION	DATE	DESCRIPTION		

LANDSCAPING CONSTRUCTION DETAILS

COMPOSITE DETAILS

LAND OF

DOMUS DEVELOPERS INC.

ROUTE 4 / OLD TURNPIKE ROAD

NOTTINGHAM, N.H.

TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING

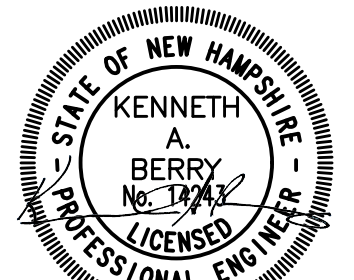
335 SECOND CROWN POINT ROAD

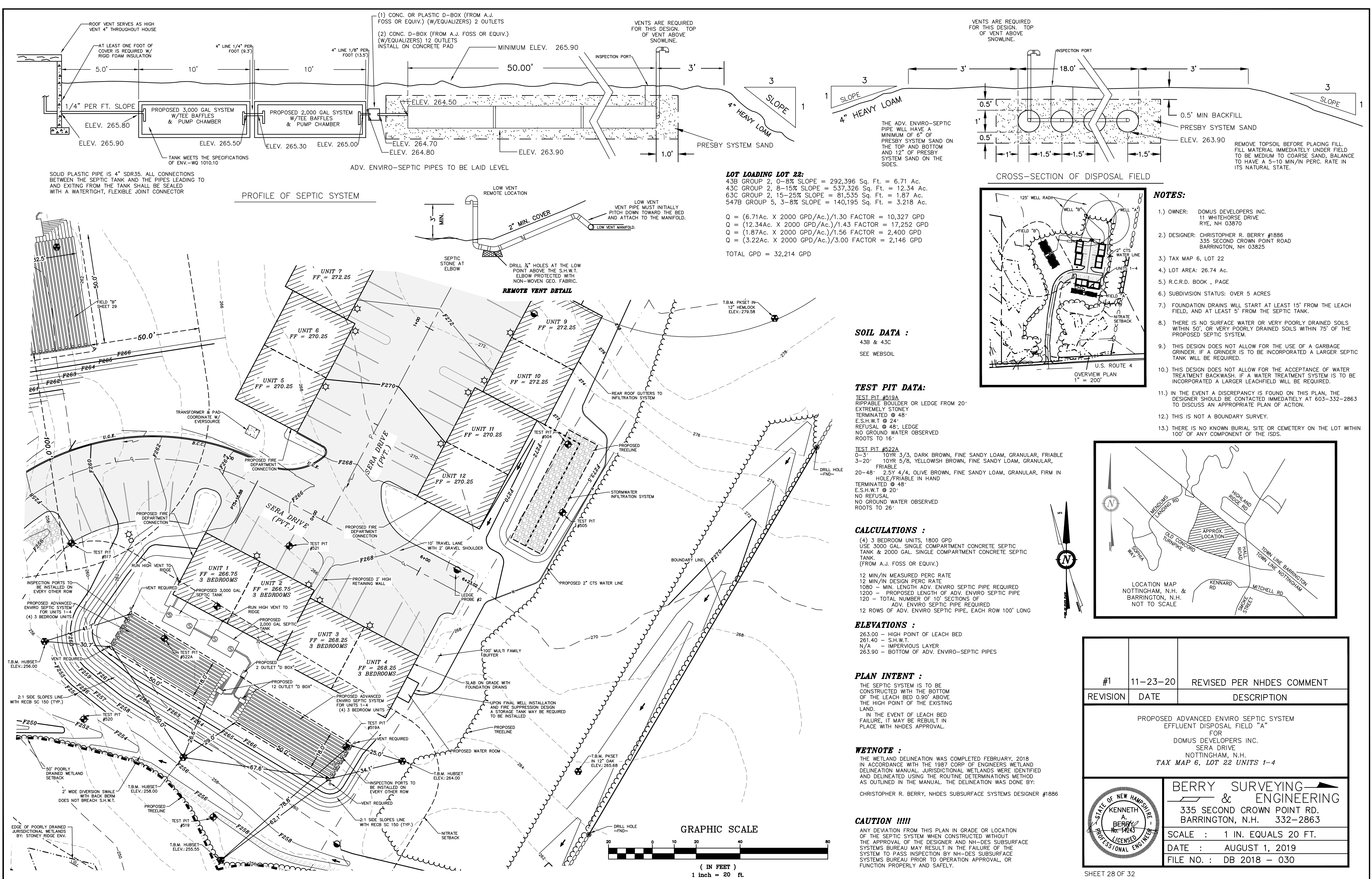
BARRINGTON, NH 03825 (603)332-2863

AS NOTED

DATE: JUNE 3, 2019

FILE NO.: DB 2018 - 030





PROFILE OF SEPTIC SYSTEM

REMOTE VENT DETAIL

CROSS-SECTION OF DISPOSAL FIELD

LOT LOADING LOT 22:
 43B GROUP 2, 0-8% SLOPE = 292,396 Sq. Ft. = 6.71 Ac.
 43C GROUP 2, 8-15% SLOPE = 537,326 Sq. Ft. = 12.34 Ac.
 63C GROUP 2, 15-25% SLOPE = 81,535 Sq. Ft. = 1.87 Ac.
 547B GROUP 5, 3-8% SLOPE = 140,195 Sq. Ft. = 3.218 Ac.

Q = (6.71Ac. X 2000 GPD/Ac.)/1.30 FACTOR = 10,327 GPD
 Q = (12.34Ac. X 2000 GPD/Ac.)/1.43 FACTOR = 17,252 GPD
 Q = (1.87Ac. X 2000 GPD/Ac.)/1.56 FACTOR = 2,400 GPD
 Q = (3.22Ac. X 2000 GPD/Ac.)/3.00 FACTOR = 2,146 GPD
 TOTAL GPD = 32,214 GPD

SOIL DATA :
 43B & 43C
 SEE WEBSOIL

TEST PIT DATA:
 TEST PIT #519A
 RIPPABLE BOULDER OR LEDGE FROM 20' EXTREMELY STONEY TERMINATED @ 48' E.S.H.W.T @ 24' REFUSAL @ 48'; LEDGE NO GROUND WATER OBSERVED ROOTS TO 16'
 TEST PIT #522A
 0-3' 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-20' 10YR 5/8, YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 20-48' 2.5Y 4/4, OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FIRM IN HAND
 TERMINATED @ 48' E.S.H.W.T @ 20' NO REFUSAL NO GROUND WATER OBSERVED ROOTS TO 26'

CALCULATIONS :
 (4) 3 BEDROOM UNITS, 1800 GPD USE 3000 GAL. SINGLE COMPARTMENT CONCRETE SEPTIC TANK & 2000 GAL. SINGLE COMPARTMENT CONCRETE SEPTIC TANK. (FROM A.J. FOSS OR EQUIV.)
 12 MIN/IN MEASURED PERC RATE
 12 MIN/IN DESIGN PERC RATE
 1080 - MIN. LENGTH ADV. ENVIRO SEPTIC PIPE REQUIRED
 1200 - PROPOSED LENGTH OF ADV. ENVIRO SEPTIC PIPE
 120 - TOTAL NUMBER OF 10' SECTIONS OF ADV. ENVIRO SEPTIC PIPE REQUIRED
 12 ROWS OF ADV. ENVIRO SEPTIC PIPE, EACH ROW 100' LONG

ELEVATIONS :
 263.00 - HIGH POINT OF LEACH BED
 261.40 - S.H.W.T.
 N/A - IMPERVIOUS LAYER
 263.90 - BOTTOM OF ADV. ENVIRO-SEPTIC PIPES

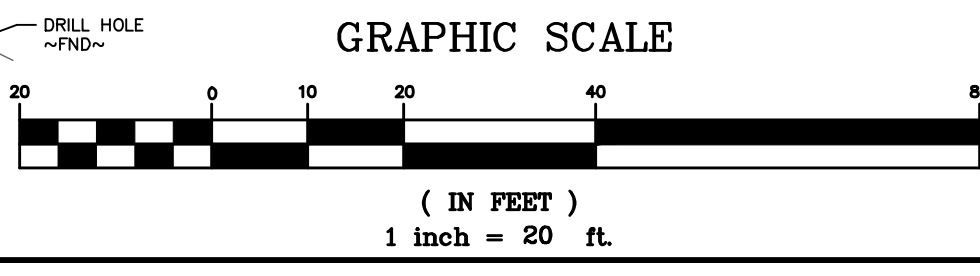
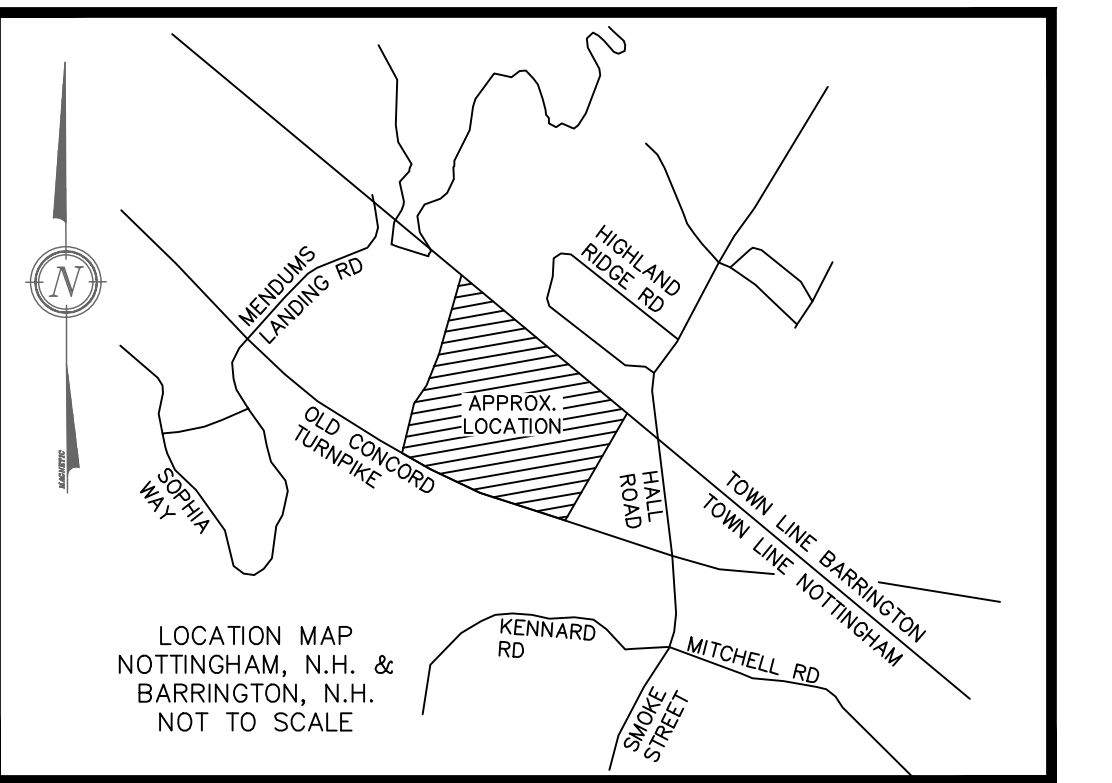
PLAN INTENT :
 THE SEPTIC SYSTEM IS TO BE CONSTRUCTED WITH THE BOTTOM OF THE LEACH BED 0.90' ABOVE THE HIGH POINT OF THE EXISTING LAND.
 IN THE EVENT OF LEACH BED FAILURE, IT MAY BE RESULT IN PLACE WITH NHDES APPROVAL.

WETNOTE :
 THE WETLAND DELINEATION WAS COMPLETED FEBRUARY, 2018 IN ACCORDANCE WITH THE 1987 CORP OF ENGINEERS WETLAND DELINEATION MANUAL. JURISDICTIONAL WETLANDS WERE IDENTIFIED AND DELINEATED USING THE ROUTINE DETERMINATIONS METHOD AS OUTLINED IN THE MANUAL. THE DELINEATION WAS DONE BY: CHRISTOPHER R. BERRY, NHDES SUBSURFACE SYSTEMS DESIGNER #1886

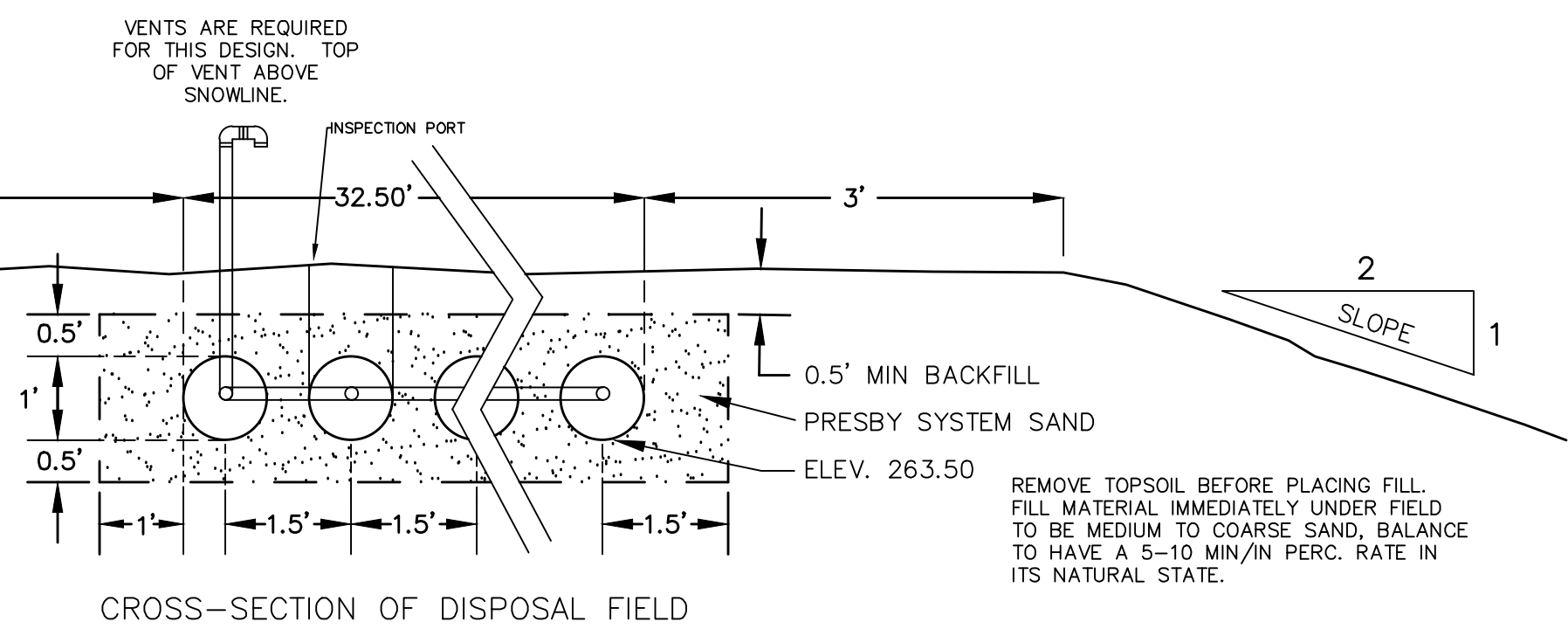
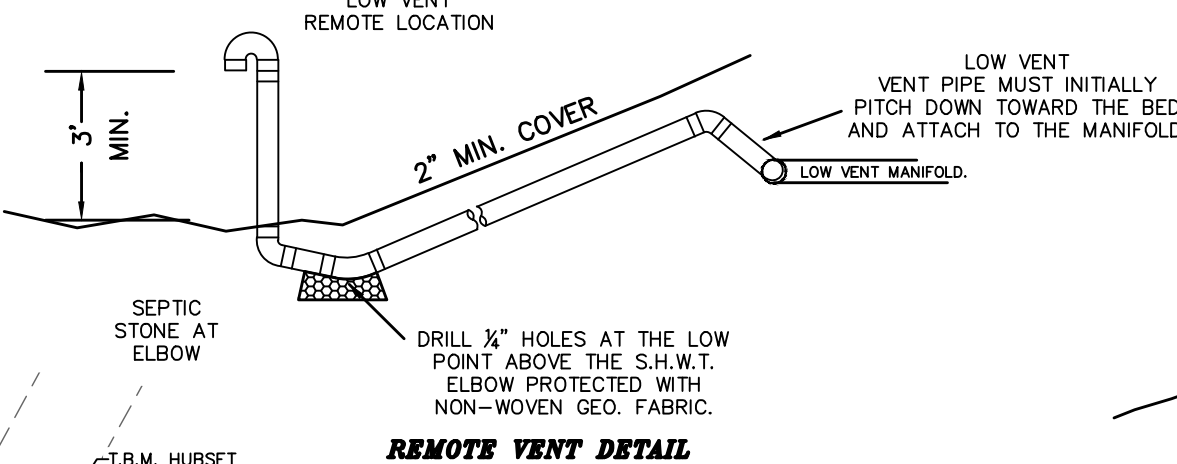
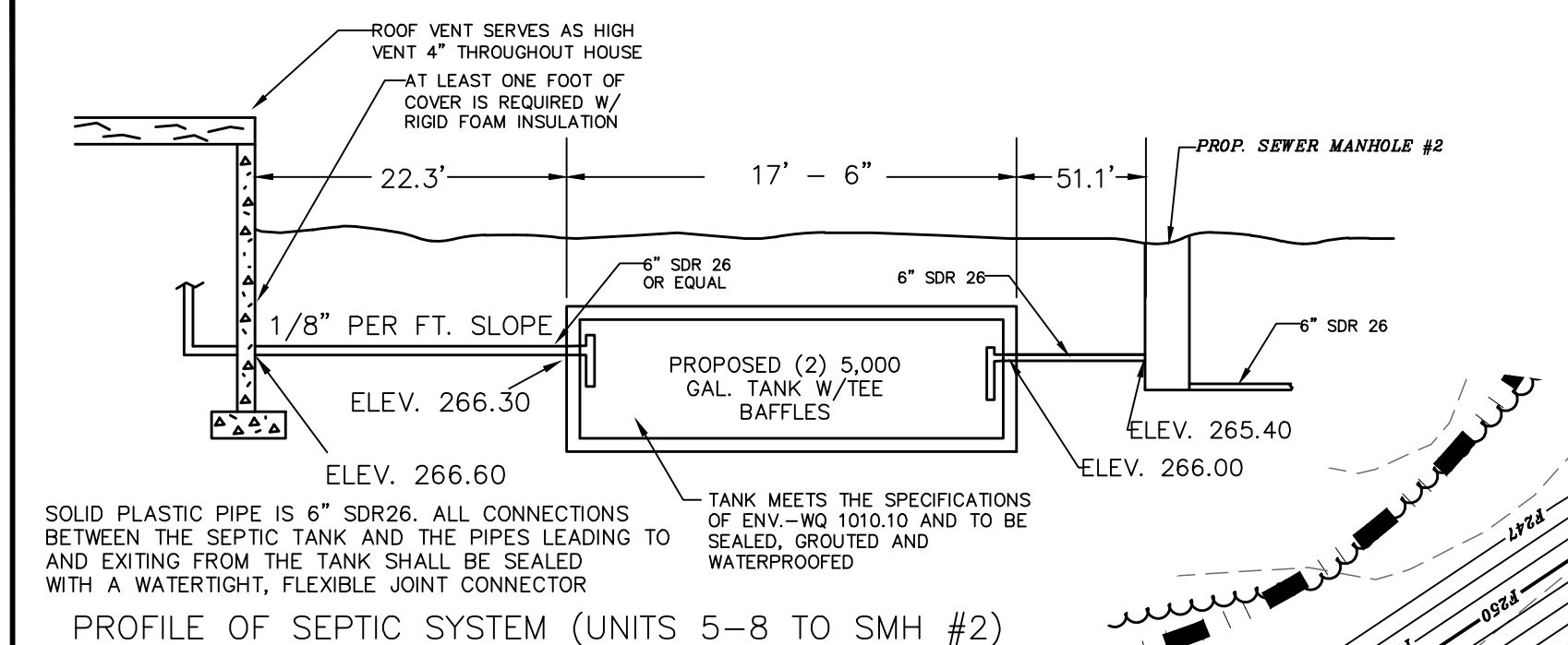
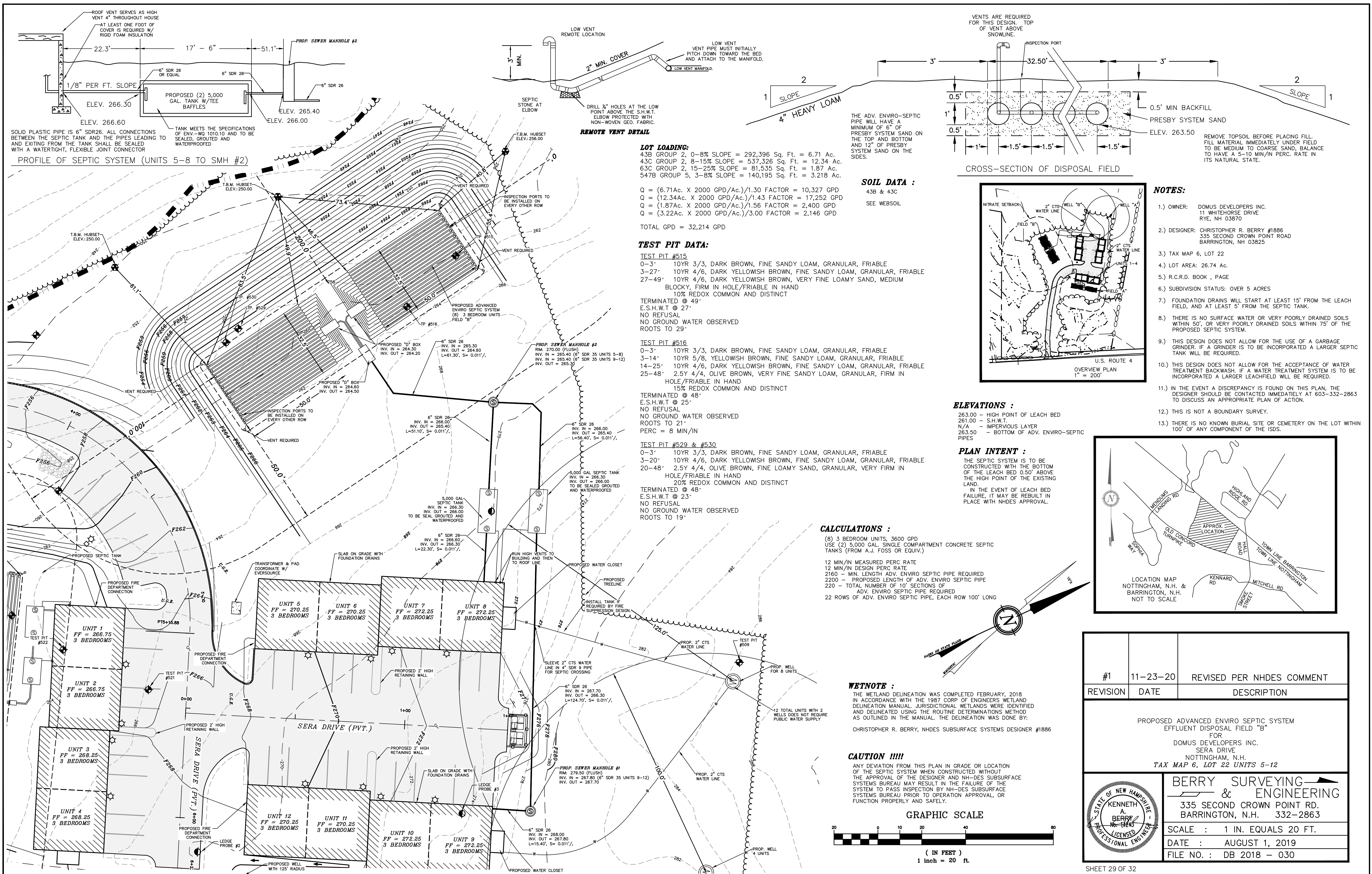
CAUTION !!!!
 ANY DEVIATION FROM THIS PLAN IN GRADE OR LOCATION OF THE SEPTIC SYSTEM WHEN CONSTRUCTED WITHOUT THE APPROVAL OF THE DESIGNER AND NH-DES SUBSURFACE SYSTEMS BUREAU MAY RESULT IN THE FAILURE OF THE SYSTEM TO PASS INSPECTION BY NH-DES SUBSURFACE SYSTEMS BUREAU PRIOR TO OPERATION APPROVAL, OR FUNCTION PROPERLY AND SAFELY.

NOTES:

- OWNER: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
- DESIGNER: CHRISTOPHER R. BERRY #1886 335 SECOND CROWN POINT ROAD BARRINGTON, NH 03825
- TAX MAP 6, LOT 22
- LOT AREA: 26.74 AC.
- R.C.R.D. BOOK, PAGE
- SUBDIVISION STATUS: OVER 5 ACRES
- FOUNDATION DRAINS WILL START AT LEAST 15' FROM THE LEACH FIELD, AND AT LEAST 5' FROM THE SEPTIC TANK.
- THERE IS NO SURFACE WATER OR VERY POORLY DRAINED SOILS WITHIN 50', OR VERY POORLY DRAINED SOILS WITHIN 75' OF THE PROPOSED SEPTIC SYSTEM.
- THIS DESIGN DOES NOT ALLOW FOR THE USE OF A GARBAGE GRINDER. IF A GRINDER IS TO BE INCORPORATED A LARGER SEPTIC TANK WILL BE REQUIRED.
- THIS DESIGN DOES NOT ALLOW FOR THE ACCEPTANCE OF WATER TREATMENT BACKWASH. IF A WATER TREATMENT SYSTEM IS TO BE INCORPORATED A LARGER LEACHFIELD WILL BE REQUIRED.
- IN THE EVENT A DISCREPANCY IS FOUND ON THIS PLAN, THE DESIGNER SHOULD BE CONTACTED IMMEDIATELY AT 603-332-2863 TO DISCUSS AN APPROPRIATE PLAN OF ACTION.
- THIS IS NOT A BOUNDARY SURVEY.
- THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS.



#1	11-23-20	REVISED PER NHDES COMMENT
REVISION	DATE	DESCRIPTION
PROPOSED ADVANCED ENVIRO SEPTIC SYSTEM EFFLUENT DISPOSAL FIELD "A" FOR DOMUS DEVELOPERS INC. SERA DRIVE NOTTINGHAM, N.H. TAX MAP 6, LOT 22 UNITS 1-4		
BERRY SURVEYING & ENGINEERING 335 SECOND CROWN POINT RD. BARRINGTON, N.H. 332-2863 SCALE : 1 IN. EQUALS 20 FT. DATE : AUGUST 1, 2019 FILE NO. : DB 2018 - 030		



LOT LOADING:
 43B GROUP 2, 0-8% SLOPE = 292,396 Sq. Ft. = 6.71 Ac.
 43C GROUP 2, 8-15% SLOPE = 537,326 Sq. Ft. = 12.34 Ac.
 63C GROUP 2, 15-25% SLOPE = 81,535 Sq. Ft. = 1.87 Ac.
 547B GROUP 5, 3-8% SLOPE = 140,195 Sq. Ft. = 3.218 Ac.

SOIL DATA :
 43B & 43C
 SEE WEBSOIL

TEST PIT DATA:
TEST PIT #515
 0-3' 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-27' 10YR 4/6, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 27-49' 10YR 4/6, DARK YELLOWISH BROWN, VERY FINE LOAMY SAND, MEDIUM BLOCKY, FIRM IN HOLE/FRIABLE IN HAND
 10% REDOX COMMON AND DISTINCT
 TERMINATED @ 49'
 E.S.H.W.T @ 27'
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 29'

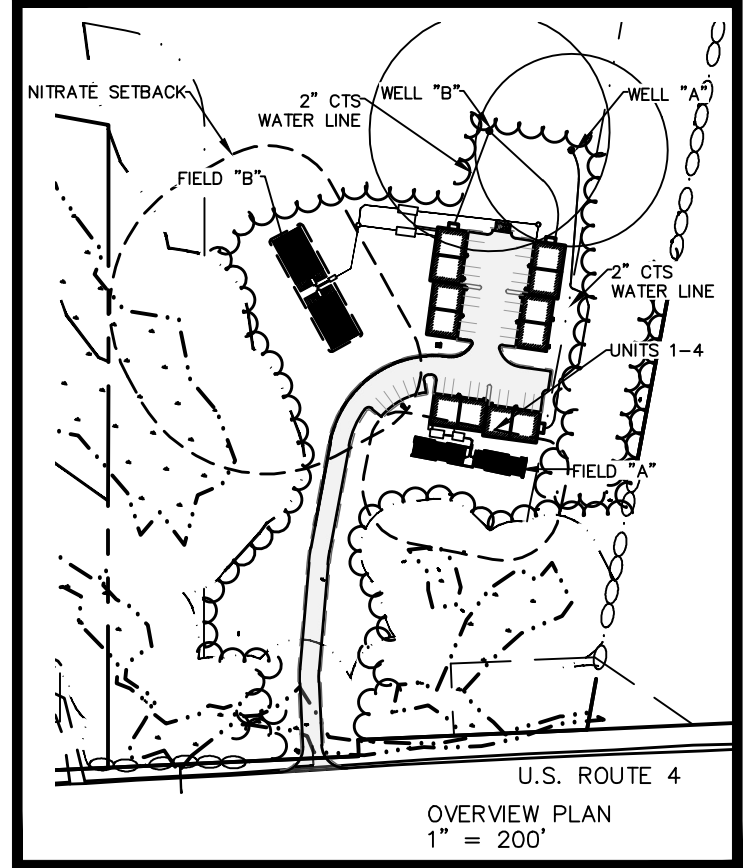
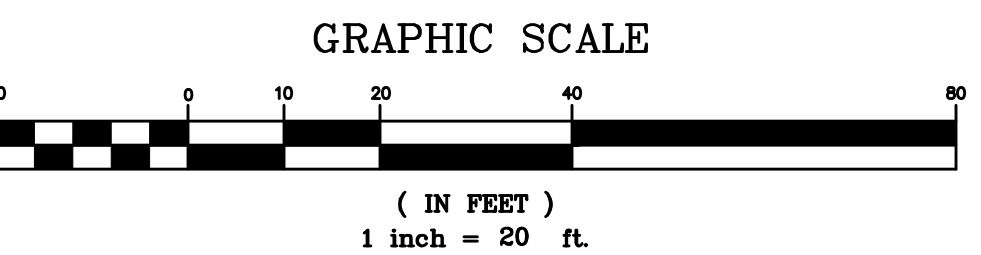
TEST PIT #516
 0-3' 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-14' 10YR 5/8, YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 14-25' 10YR 4/6, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 25-48' 2.5Y 4/4, OLIVE BROWN, VERY FINE SANDY LOAM, GRANULAR, FIRM IN HOLE/FRIABLE IN HAND
 15% REDOX COMMON AND DISTINCT
 TERMINATED @ 48'
 E.S.H.W.T @ 25'
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 21'
 PERC = 8 MIN/IN

TEST PIT #529 & #530
 0-3' 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 3-20' 10YR 4/6, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 20-48' 2.5Y 4/4, OLIVE BROWN, FINE LOAMY SAND, GRANULAR, VERY FIRM IN HOLE/FRIABLE IN HAND
 20% REDOX COMMON AND DISTINCT
 TERMINATED @ 48'
 E.S.H.W.T @ 23'
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 19'

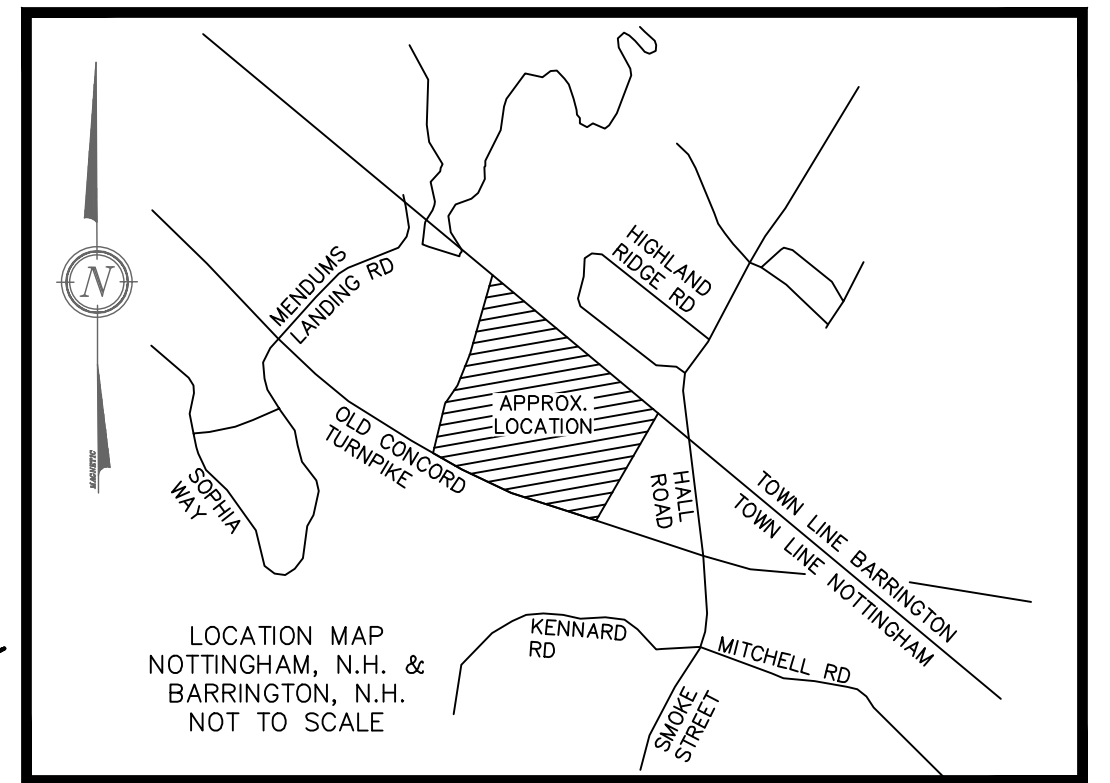
CALCULATIONS :
 (8) 3 BEDROOM UNITS, 3600 GPD
 USE (2) 5,000 GAL. SINGLE COMPARTMENT CONCRETE SEPTIC TANKS (FROM A.J. FOSS OR EQUIV.)
 12 MIN/IN MEASURED PERC RATE
 12 MIN/IN DESIGN PERC RATE
 2160 - MIN. LENGTH ADV. ENVIRO SEPTIC PIPE REQUIRED
 2200 - PROPOSED LENGTH OF ADV. ENVIRO SEPTIC PIPE
 220 - TOTAL NUMBER OF 10' SECTIONS OF ADV. ENVIRO SEPTIC PIPE REQUIRED
 22 ROWS OF ADV. ENVIRO SEPTIC PIPE, EACH ROW 100' LONG

WETNOTE :
 THE WETLAND DELINEATION WAS COMPLETED FEBRUARY, 2018 IN ACCORDANCE WITH THE 1987 CORP OF ENGINEERS WETLAND DELINEATION MANUAL. JURISDICTIONAL WETLANDS WERE IDENTIFIED AND DELINEATED USING THE ROUTINE DETERMINATIONS METHOD AS OUTLINED IN THE MANUAL. THE DELINEATION WAS DONE BY: CHRISTOPHER R. BERRY, NHDES SUBSURFACE SYSTEMS DESIGNER #1886

CAUTION !!!!
 ANY DEVIATION FROM THIS PLAN IN GRADE OR LOCATION OF THE SEPTIC SYSTEM WHEN CONSTRUCTED WITHOUT THE APPROVAL OF THE DESIGNER AND NH-DES SUBSURFACE SYSTEMS BUREAU MAY RESULT IN THE FAILURE OF THE SYSTEM TO PASS INSPECTION BY NH-DES SUBSURFACE SYSTEMS BUREAU PRIOR TO OPERATION APPROVAL, OR FUNCTION PROPERLY AND SAFELY.

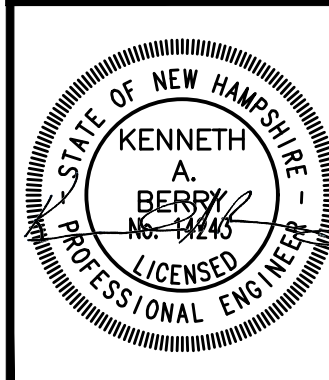


- NOTES:**
- OWNER: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
 - DESIGNER: CHRISTOPHER R. BERRY #1886 335 SECOND CROWN POINT ROAD BARRINGTON, NH 03825
 - TAX MAP 6, LOT 22
 - LOT AREA: 26.74 Ac.
 - R.C.R.D. BOOK , PAGE
 - SUBDIVISION STATUS: OVER 5 ACRES
 - FOUNDATION DRAINS WILL START AT LEAST 15' FROM THE LEACH FIELD, AND AT LEAST 5' FROM THE SEPTIC TANK.
 - THERE IS NO SURFACE WATER OR VERY POORLY DRAINED SOILS WITHIN 50' OR VERY POORLY DRAINED SOILS WITHIN 75' OF THE PROPOSED SEPTIC SYSTEM.
 - THIS DESIGN DOES NOT ALLOW FOR THE USE OF A GARBAGE GRINDER. IF A GRINDER IS TO BE INCORPORATED A LARGER SEPTIC TANK WILL BE REQUIRED.
 - THIS DESIGN DOES NOT ALLOW FOR THE ACCEPTANCE OF WATER TREATMENT BACKWASH. IF A WATER TREATMENT SYSTEM IS TO BE INCORPORATED A LARGER LEACHFIELD WILL BE REQUIRED.
 - IN THE EVENT A DISCREPANCY IS FOUND ON THIS PLAN, THE DESIGNER SHOULD BE CONTACTED IMMEDIATELY AT 603-332-2863 TO DISCUSS AN APPROPRIATE PLAN OF ACTION.
 - THIS IS NOT A BOUNDARY SURVEY.
 - THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS.



REVISION	DATE	DESCRIPTION
#1	11-23-20	REVISED PER NHDES COMMENT

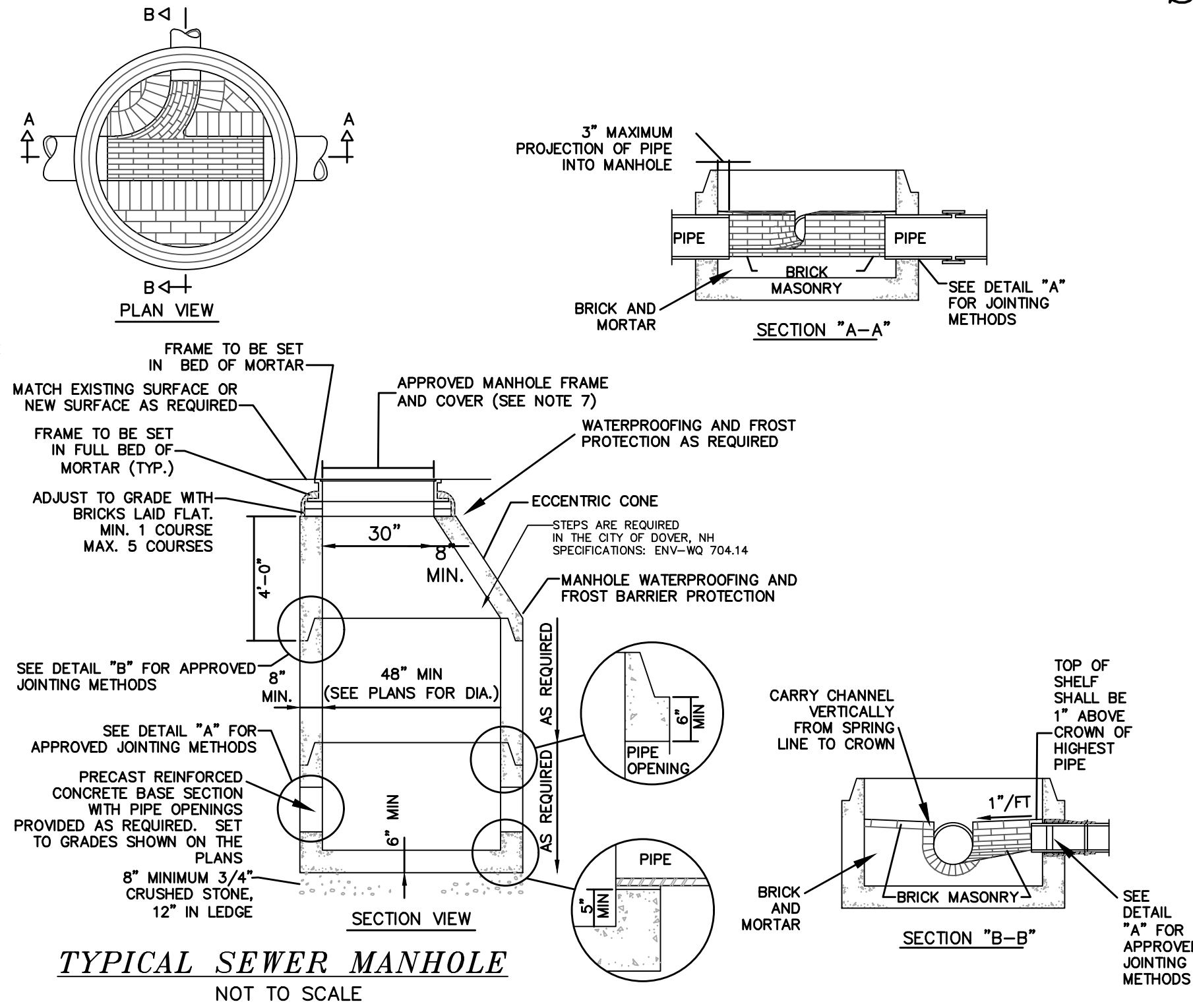
PROPOSED ADVANCED ENVIRO SEPTIC SYSTEM
 EFFLUENT DISPOSAL FIELD "B"
 FOR
 DOMUS DEVELOPERS INC.
 SERA DRIVE
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22 UNITS 5-12



BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT RD.
 BARRINGTON, N.H. 332-2863
 SCALE : 1 IN. EQUALS 20 FT.
 DATE : AUGUST 1, 2019
 FILE NO. : DB 2018 - 030

NOTES ON MANHOLE AND SEWER CONSTRUCTION:

- IT IS THE INTENTION THAT THE MANHOLE, INCLUDING ALL COMPONENT PARTS, HAVE ADEQUATE SPACE, STRENGTH AND LEAKPROOF QUALITIES CONSIDERED NECESSARY FOR THE INTENDED SERVICE. SPACE REQUIREMENTS AND CONFIGURATIONS, SHALL BE AS SHOWN ON THE DRAWING. MANHOLES SHALL BE AN ASSEMBLY OF PRECAST SECTIONS, WITH STEEL REINFORCEMENT AND ADEQUATE JOINTING. THE COMPLETE STRUCTURE SHALL BE OF SUCH MATERIAL AND QUALITY AS TO WITHSTAND HS-20-44 LOADING, INCLUDING THE COVER. ALL SMH CONSTRUCTION AND MATERIALS WILL BE IAW ENV-WQ 704.13 ADOPTED OCTOBER 15, 2014
- BARRELS AND CONE SECTIONS SHALL BE PRECAST REINFORCED CONCRETE. (IAW ENV-WQ 704.12 (d))
- SEWER MANHOLE DIAMETER SHALL BE AS INDICATED ON THE PLANS.
- PRECAST CONCRETE BARREL SECTIONS, CONES AND BASES SHALL CONFORM TO ASTM C478.
- GRAVITY SEWER PIPE TESTING WILL BE IN ACCORDANCE WITH ENV-WQ 704.06 AND MAN HOLE TESTING IAW ENV-WQ 704.17 DATED OCTOBER 15, 2014.
- INVERTS AND SHELVES: MANHOLES SHALL HAVE A BRICK PAVED SHELF AND INVERT. CONSTRUCTED TO CONFORM TO THE SIZE OF THE PIPE AND FLOW. INVERT BRICKS SHALL BE LAID ON EDGE AND THE BASE SECTION SHALL BE FULL AT CHANGES IN DIRECTIONS. THE INVERTS SHALL BE LAID OUT IN CURVES OF THE LONGEST RADIUS POSSIBLE TANGENT TO THE CENTER LINE OF THE SEWER PIPES. CARE SHALL BE TAKEN TO ENSURE THAT THE BRICK INVERT IS A SMOOTH CONTINUATION OF THE SEWER INVERT. SHELVES SHALL BE CONSTRUCTED TO THE ELEVATION OF THE HIGHEST PIPE CROWN AND SLOPE TO DRAIN TOWARD THE FLOWING THROUGH CHANNEL. UNDERLAYMENT OF INVERT AND SHELF SHALL CONSIST OF BRICK MASONRY. (IAW ENV-WQ 704.13 (c) (9)). MORTAR SHALL CONFORM WITH REQUIREMENTS OF IAW ENV-WQ 704.13 (c).
- FRAMES AND COVERS: MANHOLES FRAMES AND COVERS SHALL BE OF HEAVY DUTY DESIGN AND PROVIDE A 30-INCH CLEAR OPENING. 3-INCH (MINIMUM HEIGHT) LETTERS WITH THE WORD "SEWER" SHALL BE PLAINLY CAST INTO THE CENTER OF EACH MANHOLE COVER. (IAW ENV-WQ 704.13 (c) (4)-(6)) SEWER MAN HOLE COVERS ARE TO PAMREX.
- SHALLOW MANHOLE: IN LIEU OF A CONE SECTION, WHEN MANHOLE DEPTH IS LESS THAN 6 FEET, A REINFORCED CONCRETE SLAB COVER MAY BE USED HAVING AN ECCENTRIC ENTRANCE OPENING AND CAPABLE OF SUPPORTING H-20 LOADS.
- HORIZONTAL JOINTS BETWEEN SECTIONS OF PRECAST CONCRETE BARRELS SHALL BE OF A TYPE APPROVED BY THE DOVER DPW, WHICH TYPE SHALL IN GENERAL, DEPEND FOR WATER TIGHTNESS UPON A DOUBLE ROW OF AN OVERLAPPING TYPE ELASTOMERIC OR MASTIC-LIKE GASKET. APPROVED ELASTOMERIC SEALANTS ARE: RAM-NEX, KENT SEAL NO. 2, EZ, OR EQUAL.
- IN CROSS COUNTRY AREAS OUTSIDE OF THE PAVED ROADWAY SURFACE, THE MANHOLE FRAME ELEVATION SHALL BE A MINIMUM OF 6" ABOVE FINISHED GRADE. GRADE TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE MANHOLE. SEE TYPICAL TRENCH DETAIL ON SHEET D-102.
- ALL FRAMES AND GRATES ARE TO BE U.S.A. MADE. MANHOLE STEPS ARE REQUIRED IN THIS MUNICIPALITY AND MUST CONFORM TO THE REQUIREMENTS OF ENV-WQ 704.14.
- THE CONTRACTOR TO WORK WITH CITY OF DOVER REVIEW ENGINEER AND SEWER DEPARTMENT ON THE MEANS AND METHODS USED TO INSTALL ALL SEWER STRUCTURES.
- ANY WORK INVOLVING THE CUTTING INTO THE EXISTING A.C. PIPE SHALL MEET THE REQUIREMENTS OF ENV-A 1800.
- THE "CITY OF DOVER, NEW HAMPSHIRE, DEPARTMENT OF COMMUNITY SERVICES, CONSTRUCTION GUIDELINES, PERMITS, RULES, AND REGULATIONS" (DATED MARCH 13, 2018) ARE A PART OF THE CONSTRUCTION DETAILS AND TO BE FOLLOWED. SEE APPENDIX B, PAGE 14 FOR INTERNAL DROP DETAILS.



S1

S2

Manhole Castings L-2
Pamrex Ductile Iron Frame & Cover

Designed to handle the rigors of modern traffic conditions...
Features:
• Ductile iron
• Available in 24", 30" and 36" opening
• Blended cover
• Optional locking system
• Independently tested and certified
• WQ 704.13 (c) (4) approved

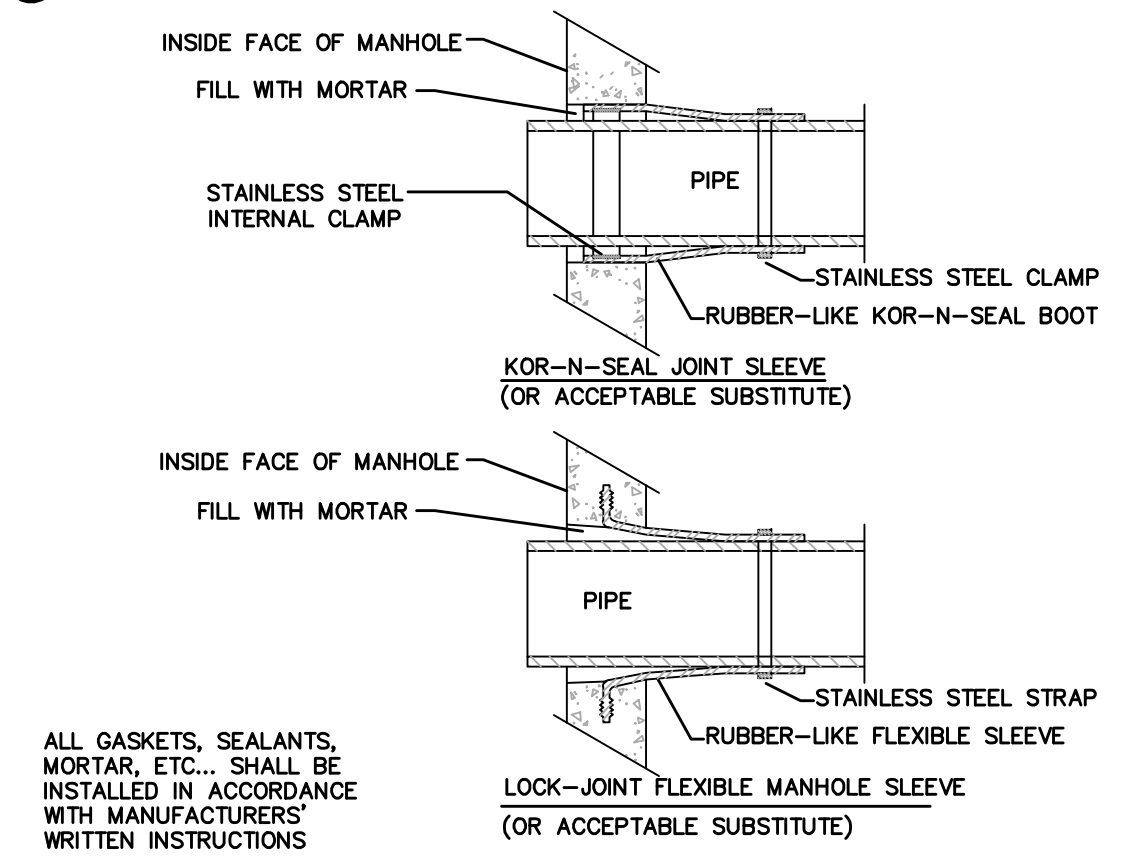
Phone: 800-649-8498 (301-2647) • Fax: 207-565-5827

SEWER MANHOLE FRAME AND GRATE WILL BE PAMREX, OR APPROVED EQUAL, 24 INCH OPENING, DUCTILE IRON, H20 LOADING.

ALL FRAMES AND COVERS WILL BE NORTH AMERICAN MADE TO INCLUDE REQUIRED COVERS ON INDIVIDUAL RESIDENTIAL PUMP STATIONS.

SEWER MANHOLE COVER DETAIL
NOT TO SCALE

S3



DETAIL "A" - PIPE TO MANHOLE JOINTS

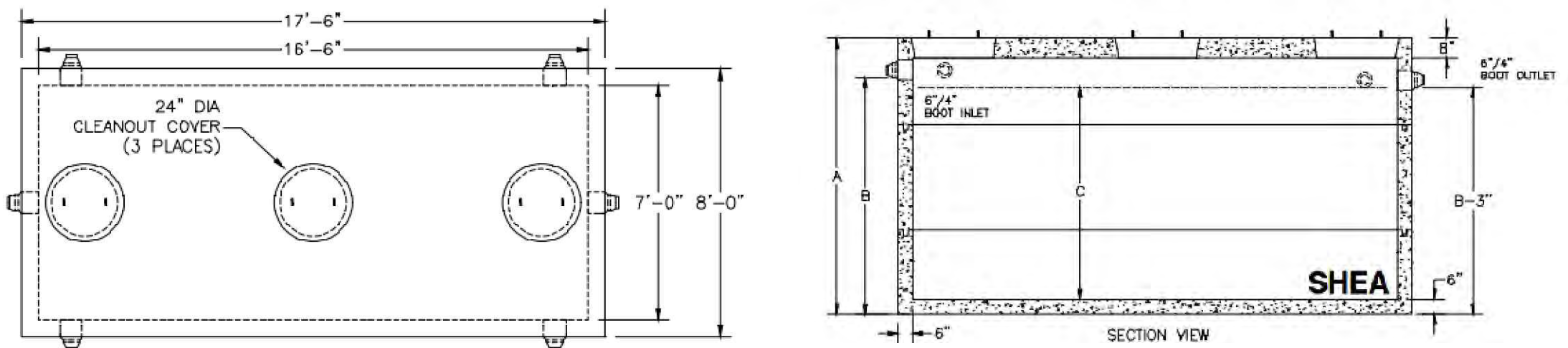
NOT TO SCALE

NOTE:
ALL GASKETS AND SEALANTS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' WRITTEN INSTRUCTIONS.

DETAIL "B" HORIZONTAL JOINTS

NOT TO SCALE

S4

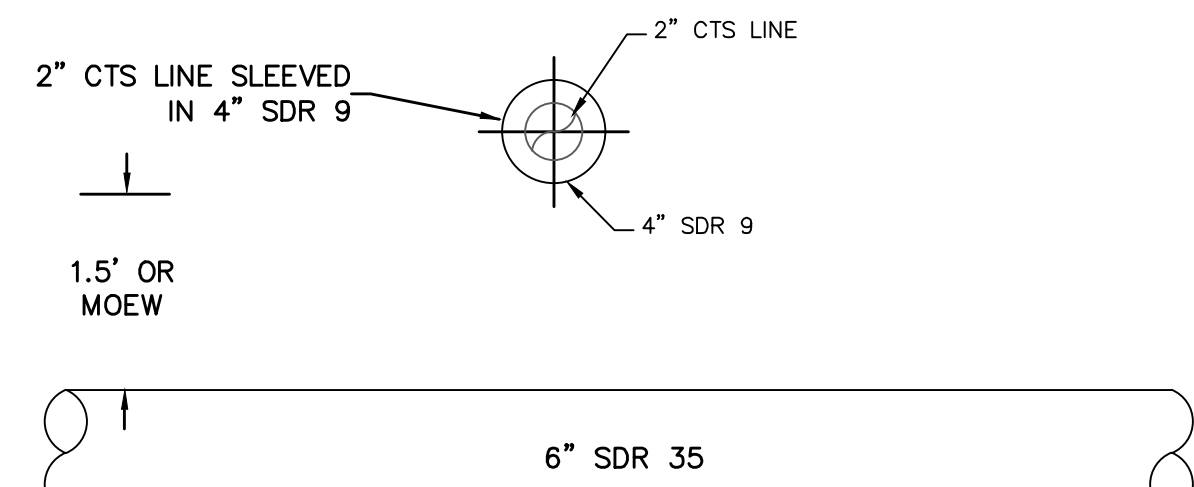


- NOTES:
- CONCRETE: 5,000 PSI MINIMUM AFTER 28 DAYS.
 - DESIGN CONFORMS WITH 310 CMR 15.00 DEP TITLE 5 REGS FOR SEPTIC TANKS.
 - ALL REINFORCEMENT PER ASTM C1227
 - DESIGNED FOR AASHTO HS-20 LOADING, COVER 1-5 FT.
 - TONGUE AND GROOVE JOINT SEALED WITH BUTYL RESIN. INLET HEIGHT MAY INCREASE SLIGHTLY DUE TO THE BUTYL RESIN USED.
 - TEES AND BAFFLES SOLD SEPARATELY.

SECTION	WEIGHT	GALLONS	ITEM NO.	A (HEIGHT)	B* (INLET)	B* (INLET)	C (LIQUID)	WEIGHT (LBS)	TOP (HEIGHT)	BOTTOM (HEIGHT)	RISER 1 (HEIGHT)	RISER 2 (HEIGHT)
3,500	8X17-35	77"	61"	62"	52"	45,929	28"	49"	0"	0"	0"	0"
4,000	8X17-40	84"	68"	69"	60"	48,346	35"	49"	0"	0"	0"	0"
4,500	8X17-45	91"	75"	76"	66"	50,763	28"	34"	30"	0"	0"	0"
5,000	8X17-50	98"	82"	83"	73"	53,180	35"	34"	30"	0"	0"	0"
5,500	8X17-55	105"	89"	90"	80"	55,598	28"	34"	43"	0"	0"	0"
6,000	8X17-60	112"	96"	97"	88"	58,015	35"	34"	43"	0"	0"	0"
6,500	8X17-65	120"	104"	105"	95"	60,778	28"	49"	43"	0"	0"	0"
7,000	8X17-70	127"	111"	112"	102"	63,195	35"	49"	43"	0"	0"	0"
7,500	8X17-75	134"	118"	119"	109"	65,612	28"	34"	43"	30"	0"	0"
8,000	8X17-80	141"	125"	126"	116"	68,029	35"	34"	43"	30"	0"	0"

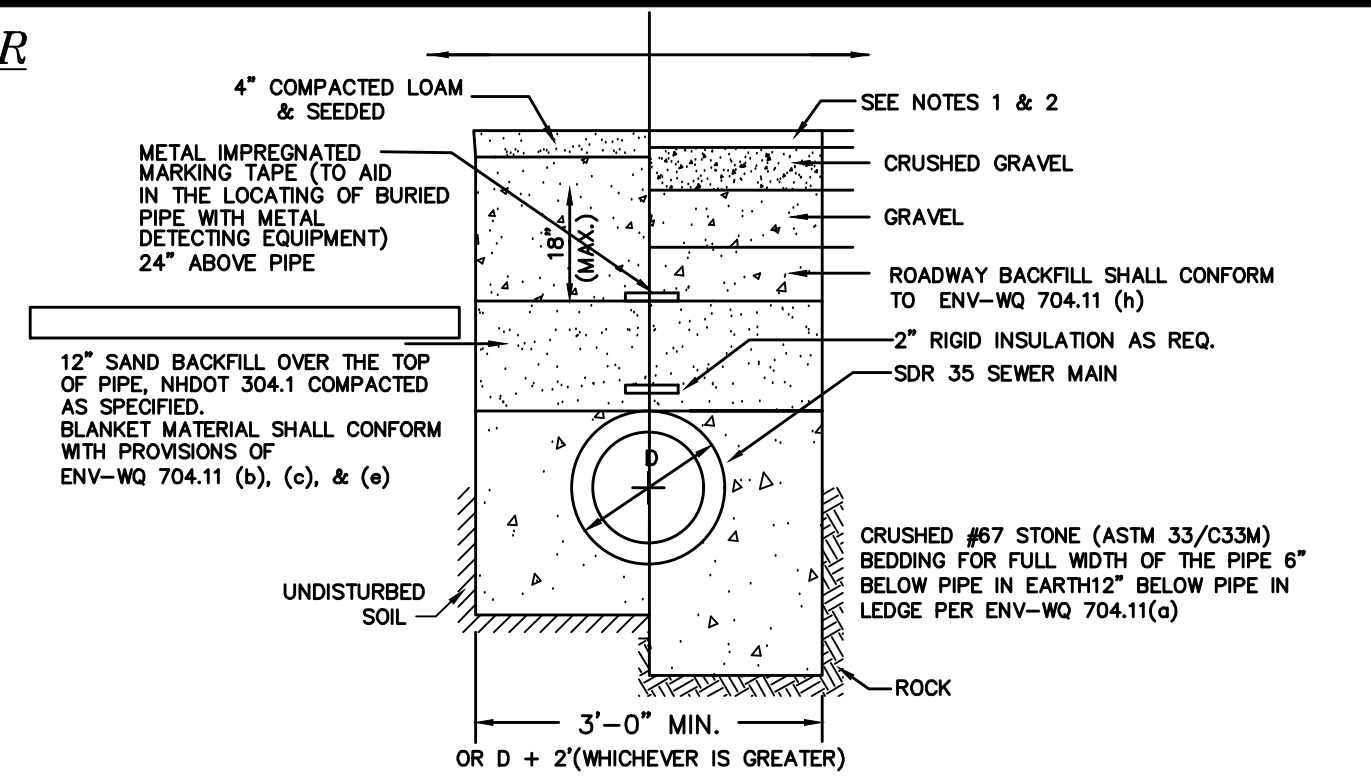
*SEE NOTE 5

S5



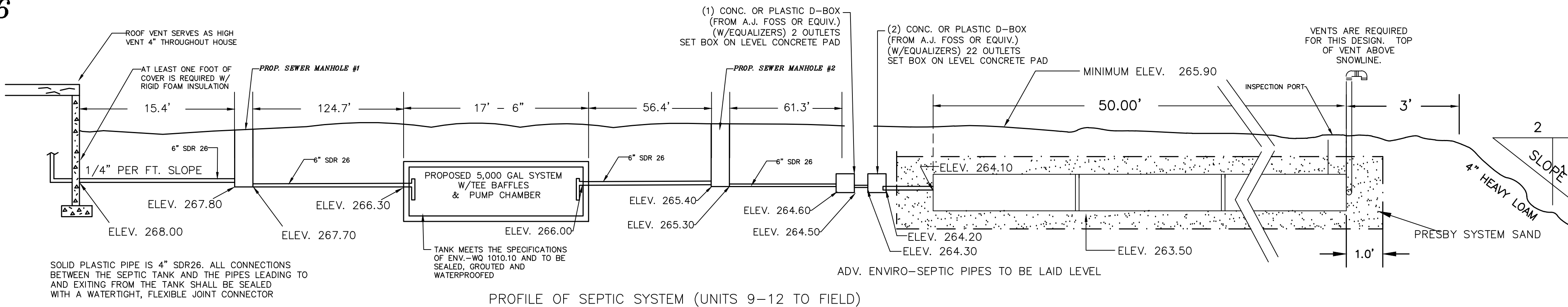
S6

TYPICAL SEWER PIPE TRENCH
NOT TO SCALE



- NOTE:
- PAVEMENT REPAIR IN EXISTING ROADWAYS SHALL CONFORM TO STREET OPENING REGULATIONS.
 - NEW ROADWAY CONSTRUCTION SHALL CONFORM TO SUBDIVISION SPEC'S.
 - ANTI-SEEP COLLARS OR CLAY CHECK DAMS ON STEEP RUNS IN WET CONDITIONS.
 - ALL SEWER INSTALLATIONS SHALL CONFORM TO THE REQUIREMENTS OF NHDES & MUNICIPAL DPW SEWER DIVISION STANDARDS. ALL PVC SEWER PIPE IS TO CONFORM WITH ENV-WQ 704.05 (c)-(e) AND CONFORM WITH ASTM D3034. PVC JOINT SEALS SHALL CONFORM WITH ASTM D3121. SDR-21 PVC FORCE MAIN PIPE MATERIAL IS REQUIRED IN LOCATIONS AS SHOWN. SDR-21 PVC FORCEMAIN PIPE WILL CONFORM TO ENV-WQ 704.08.

S6

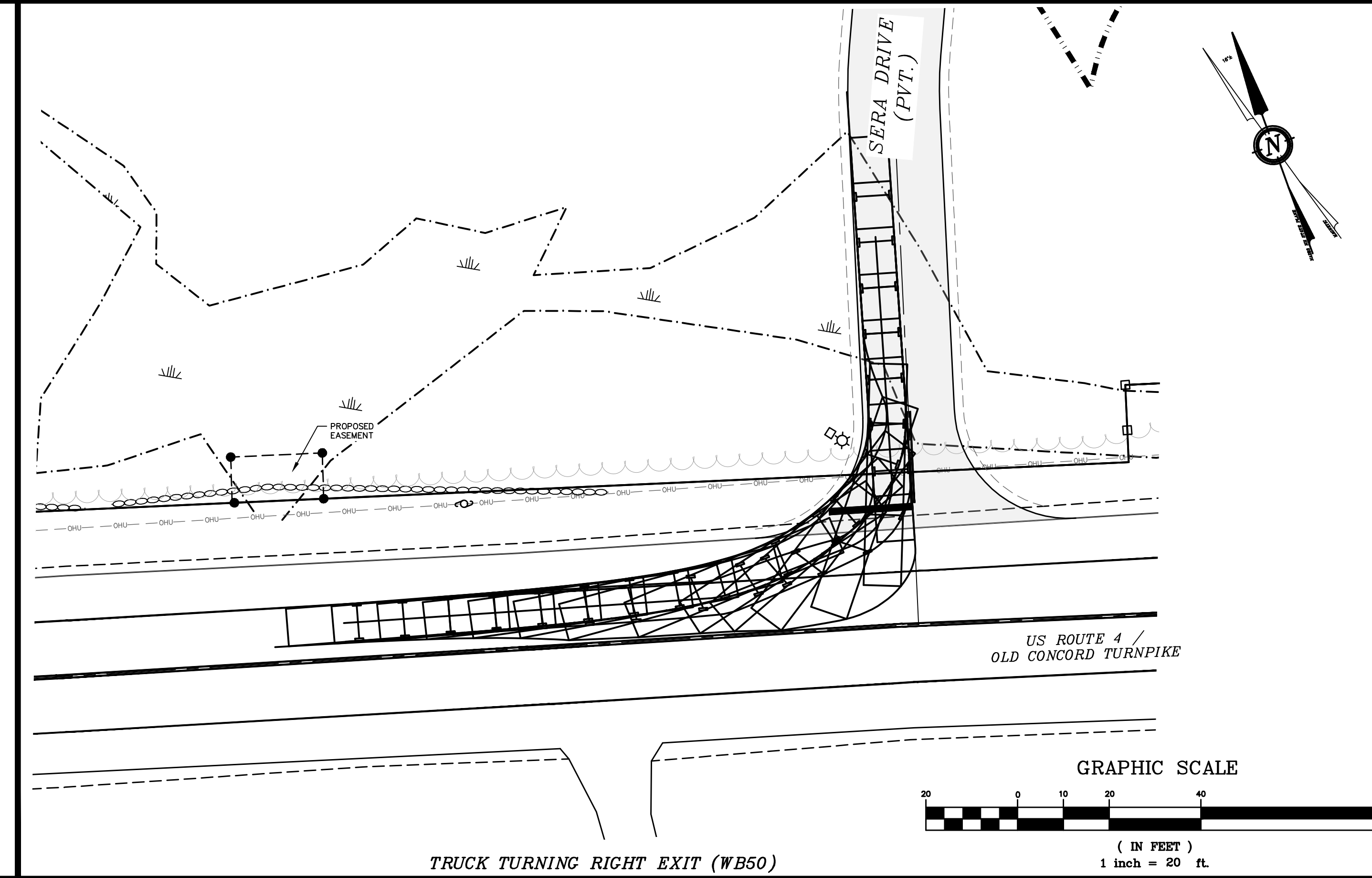
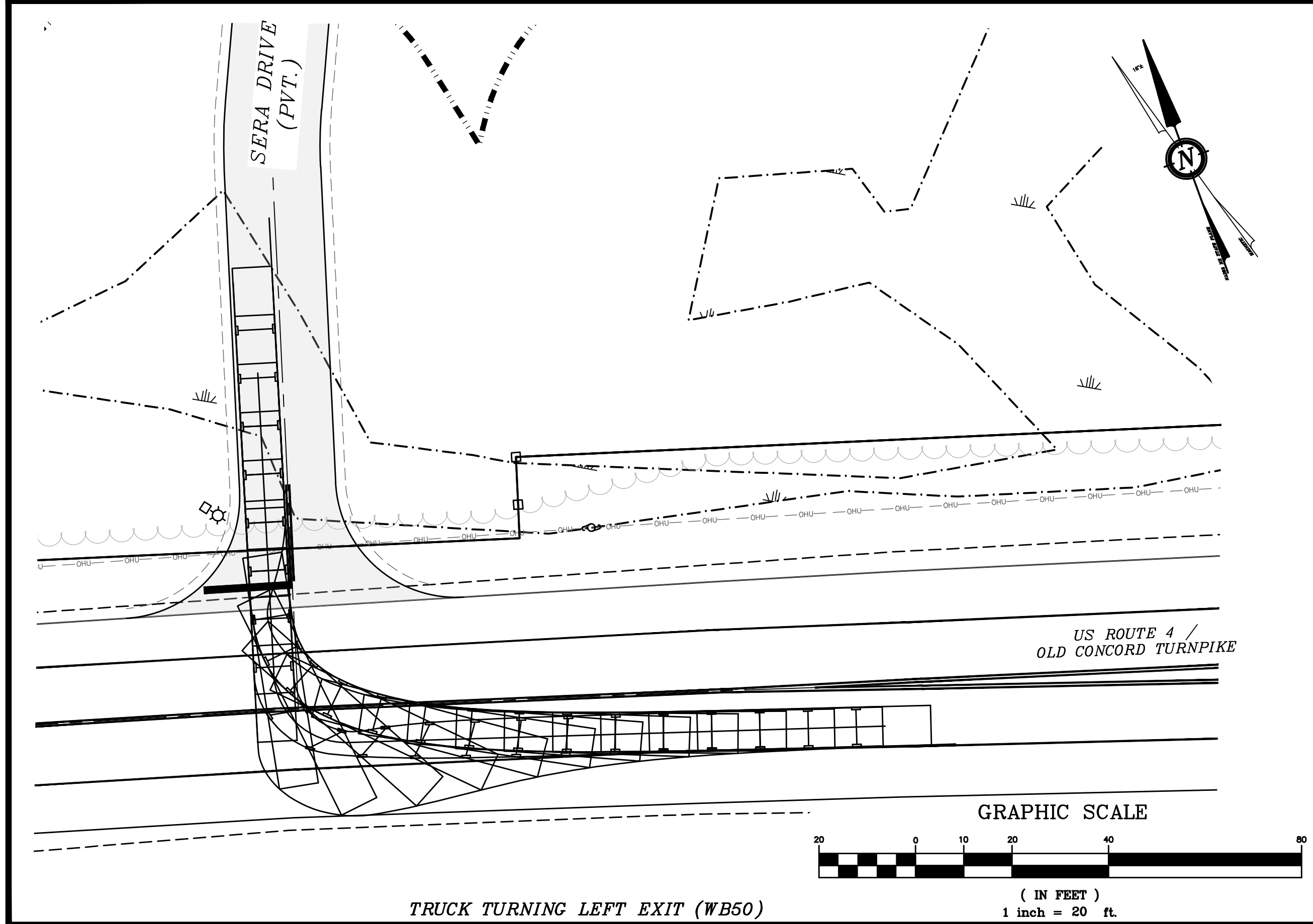
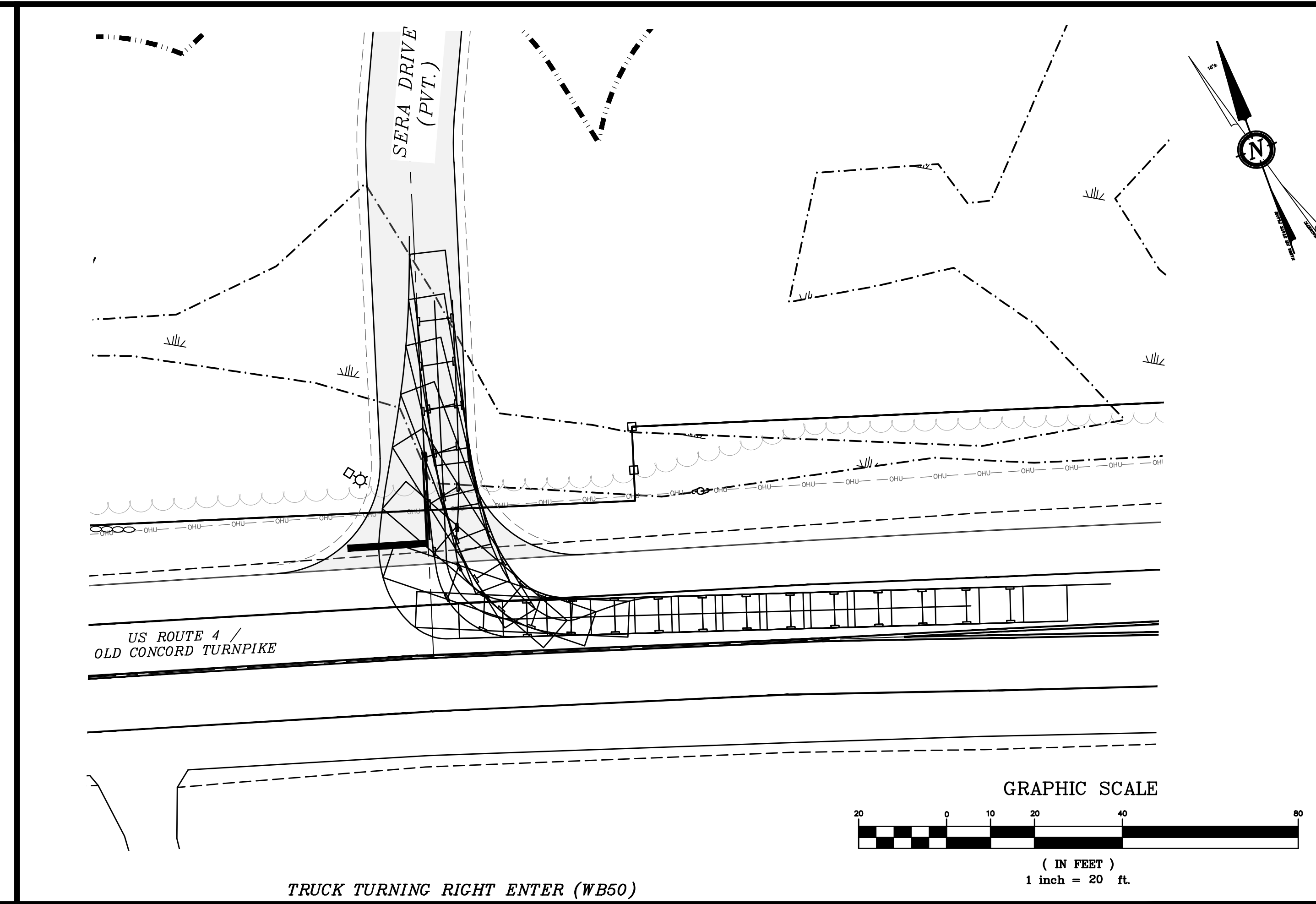
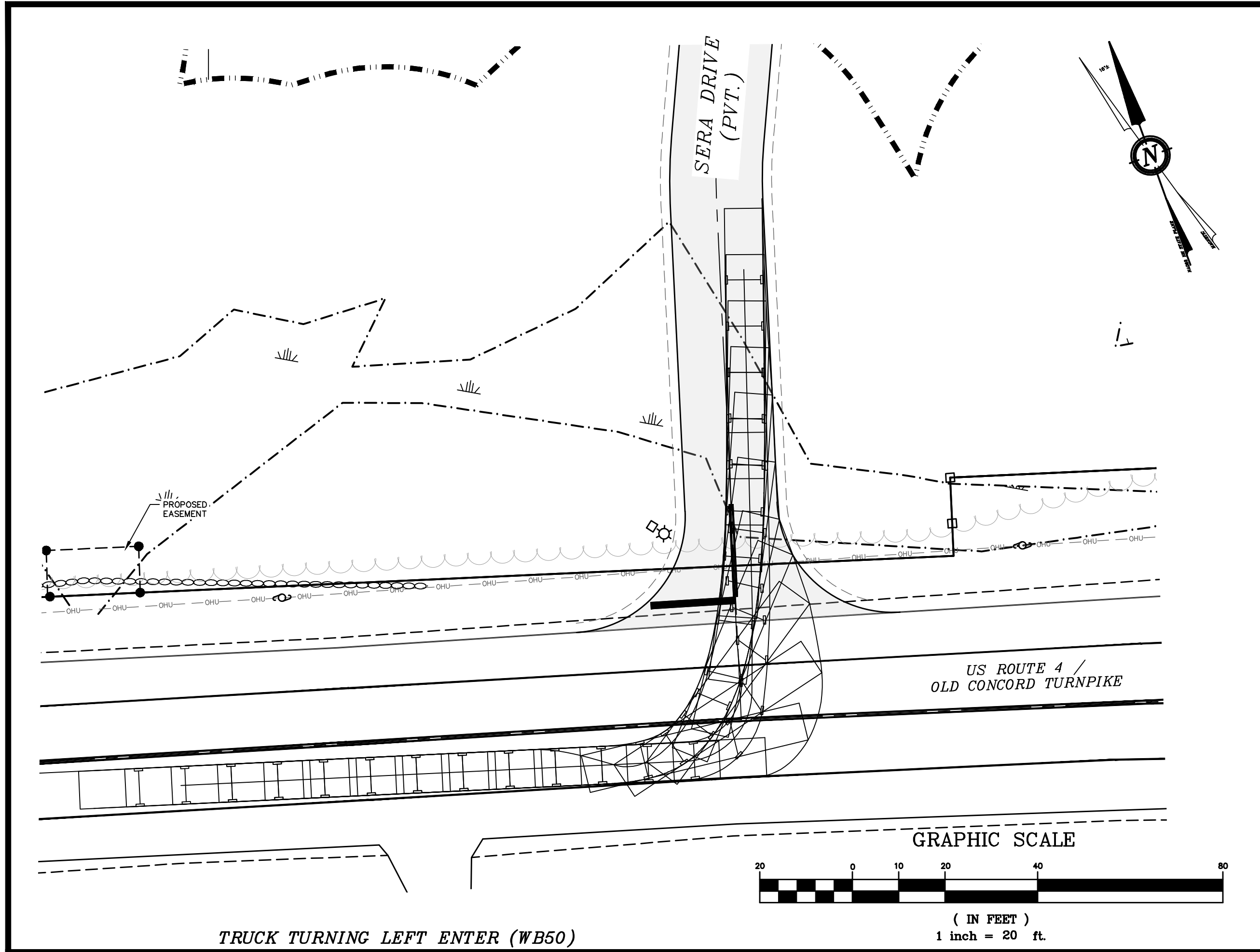


REVISION	DATE	DESCRIPTION
#1	11-23-20	REVISED PER NHDES COMMENT

PROPOSED ADVANCED ENVIRO SEPTIC SYSTEM EFFLUENT DISPOSAL FIELD "B" DETAILS FOR DOMUS DEVELOPERS INC. SERA DRIVE NOTTINGHAM, N.H. TAX MAP 6, LOT 22 UNITS 5-12

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT RD. BARRINGTON, N.H. 332-2863
SCALE : 1 IN. EQUALS 20 FT.
DATE : AUGUST 1, 2019
FILE NO. : DB 2018 - 030

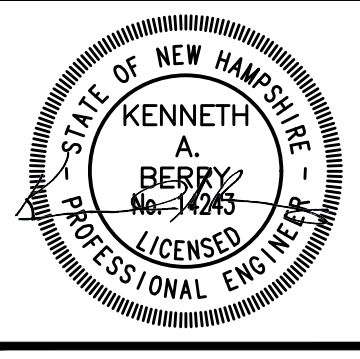
STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 12243
LICENSED PROFESSIONAL ENGINEER



#	REVISION	DATE	DESCRIPTION
#6	11/24/20		REVISED PER CONDITIONS OF APPROVAL
#5A	8/17/20		REVISED PER NHDOT COMMENT
#4	4/28/20		RFM RESPONSE TO AOT
#3	11/13/19		REVISE PER PEER REVIEWS
#2	9/25/19		REVISED PER NHDOT COMMENTS
#1	8/15/19		REVISED FOR AOT APPLICATION

TRUCK TURNING TEMPLATE SERA DRIVE
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : 1 IN. EQUALS 20 FT.
DATE : JUNE 3, 2019
FILE NO. : DB 2018 - 030

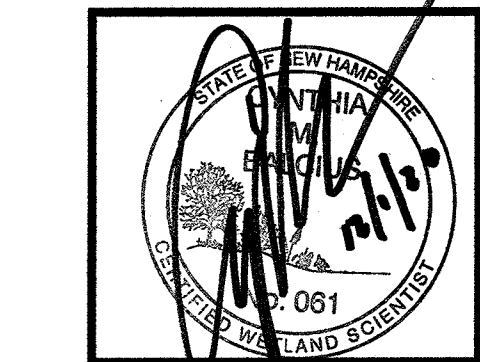


NOTES:

- OWNER: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
- APPLICANT: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
- TAX MAP 6, LOT 22
- LOT AREA: 1,164,698 Sq. Ft., 26.74 ACRES
- R.C.R.D. BOOK 5977, PAGE 2799
- ZONING: COMMERCIAL/INDUSTRIAL & RESIDENTIAL/AGRICULTURAL
SINGLE FAMILY DWELLING:
SETBACKS:
FRONT ~ 50.0'
SIDE ~ 50.0'
REAR ~ 50.0'
WETLANDS SETBACK ~ 50.0' POORLY DRAINED
WETLANDS SETBACK ~ 75.0' VERY POORLY DRAINED
- MIN. LOT SIZE ~ 87,120 Sq. Ft.
MIN. LOT FRONTAGE ~ 200.0'
MAX. BLDG. HEIGHT ~ 34'
- MULTI-FAMILY DWELLING:
SETBACKS:
FRONT ~ 100.0'
SIDE ~ 100.0'
REAR ~ 100.0'
WETLANDS SETBACK ~ 50.0' POORLY DRAINED
WETLANDS SETBACK ~ 75.0' VERY POORLY DRAINED
- MIN. LOT SIZE ~ 87,120 Sq. Ft.
MIN. LOT FRONTAGE ~ 300.0'
MAX. BLDG. HEIGHT ~ 34'
- THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE OVERVIEW SITE DESIGN FOR THE PROPOSED MULTI FAMILY DEVELOPMENT ON SERA DRIVE FOR TOWNHOUSES WITH GARAGE UNDERS.
- 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# - 33015C0115E & MAP# - 33015C0120E, DATED: MAY 17, 2005.
- PROPERTY LINE INFORMATION HAS BEEN OBTAINED FROM A SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING IN AUGUST 2018 WITH AN ERROR OF CLOSURE GREATER THAN 1 IN 11,922 UNDER NO SNOW CONDITIONS.
- THIS PROJECT HAS NOT YET BEGUN.
- THE PARKING SPACES IN FRONT OF THE UNITS AND THE ASSOCIATED DECKS ARE LIMITED COMMON AREAS. WHILE THE REMAINING LAND IS COMMON AREA.

JURISDICTIONAL WETLANDS WERE DELINEATED BY CYNTHIA BALCIUS OF STONEY RIDGE ENVIRONMENTAL LLC IN SEPTEMBER OF 2018 UTILIZING THE FOLLOWING STANDARDS:

- FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7.0. 2010. L.M. VASILAS, G.W. HURT, AND C.V. NOBLE (EDS.). UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS.
- FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 3. APRIL 2004. NEWPPCC WETLANDS WORKGROUP. WILMINGTON, MA 01887.
- NORTH AMERICAN DIGITAL FLORA: NATIONAL WETLAND PLANT LIST, VERSION 2.1.0 (HTTP://WETLAND_PLANTS.USACE.ARMY.MIL). U.S. ARMY CORPS OF ENGINEERS, ENGINEER RESEARCH AND DEVELOPMENT CENTER, GOLD REGIONS RESEARCH AND ENGINEERING LABORATORY, HANOVER, NH, AND BONAP, CHAPEN HILL.
- STATE OF NEW HAMPSHIRE 2014 WETLAND PLANT LIST. LICHVAR, R.W., M. BUTTERWICH, N.C. MELVIN, AND W.N. KIRCHNER. 2014. THE NATIONAL WETLAND PLANT LIST: 2014 UPDATE OF WETLAND RATINGS. PHYTONEURON 2014-41:1-42.
- CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, JANUARY 1987. WETLANDS RESEARCH PROGRAM TECHNICAL REPORT Y-87-1.
- REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTH-CENTRAL AND NORTHEAST REGION, JANUARY 2012, VERSION 2. U.S. ARMY CORPS OF ENGINEERS. ENVIRONMENTAL LABORATORY, ERDC/EL TR-12-1.
- CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES, DECEMBER 1979. L. COWARDIN, V. CARTER, F. GOLET, AND E. LAROE. US DEPARTMENT OF THE INTERIOR, FISH AND WILDLIFE SERVICE. FWS/OBS-79/31.



STONEY RIDGE ENVIRONMENTAL, LLC.
CYNTHIA BALCIUS, CWS #61

LEGEND:

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-

PARKING CALCULATIONS:

- NOTTINGHAM PARKING REGULATIONS
- 2 SPACES PER UNIT
 - 12 UNITS X 2 SPACED/UNIT = 24 SPACES
 - EACH UNIT HAS A DRIVE UNDER TWO CAR GARAGE AND 18' ISLE IN FRONT OF GARAGE FOR ADDITIONAL GUEST PARKING
 - 12 UNITS X 4 SPACES/UNIT = 48 SPACES
 - 6 ADDITIONAL GUEST SPACES

TOTAL REQUIRED: 24
TOTAL PROPOSED: 54

MULTI FAMILY DENSITY CALCULATION:

- MULTI FAMILY ZONING REGULATIONS
- 1 UNIT PER 30,000 Sq. Ft. OF BUILDABLE UPLAND
 - BUILDABLE UPLAND IN LOT 22-3 711,505 Sq. Ft. = 23.7 UNITS
 - 1 UNIT PER 2 ACRES OF LAND AREA
 - LOT SIZE FOR LOT 22-2 26.74 Ac. = 13.37 UNITS

THIS LOT YIELDS 12 UNITS FOR MULTI FAMILY DEVELOPMENT BASED ON THE LOT AREA.

N/F NEVISH, KEITH & DEBBIE
84 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 1972, PAGE 190
TAX MAP 267, LOT 18

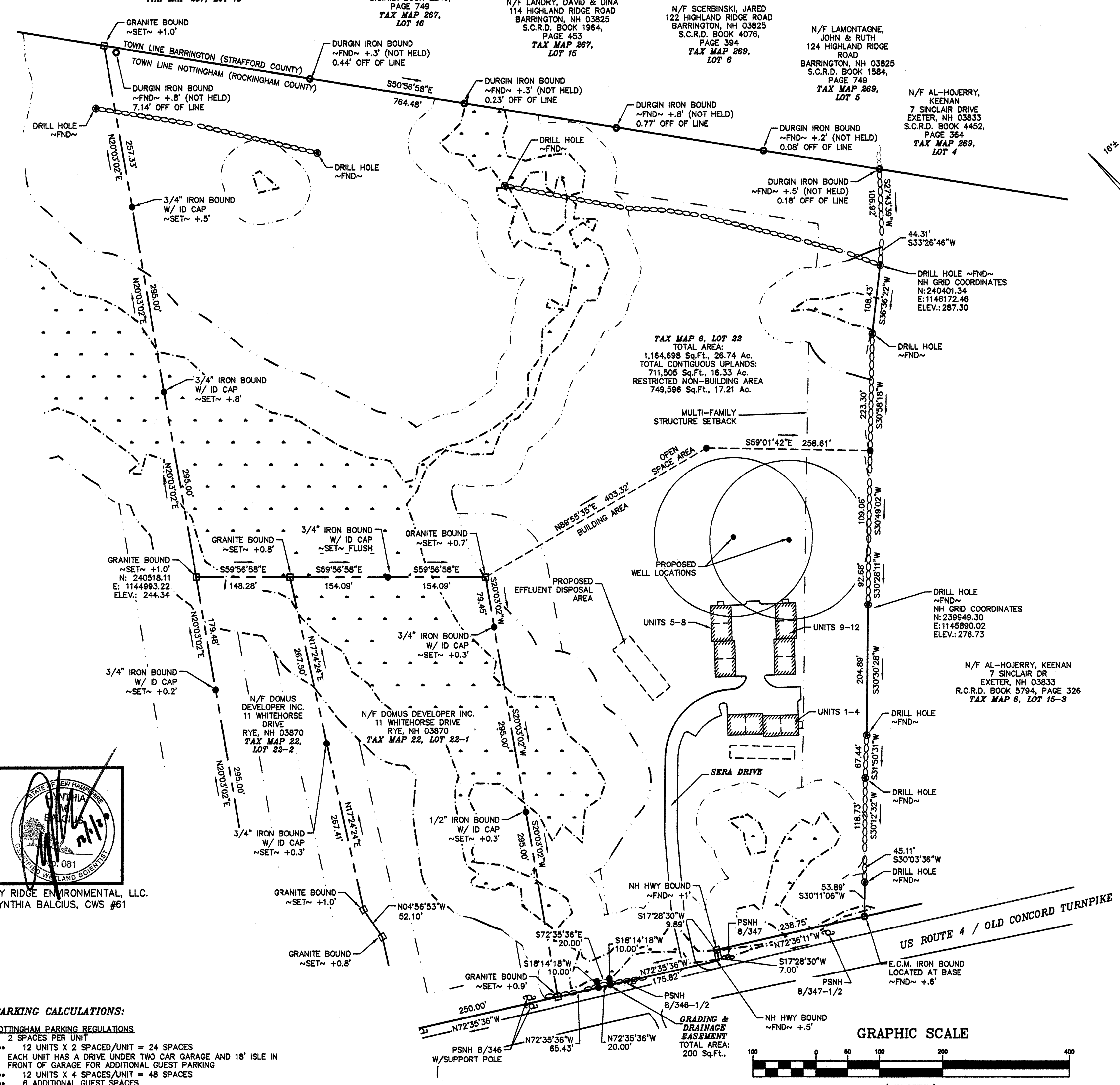
N/F MERCIER, DAVID & LORRAINE
96 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 2249, PAGE 749
TAX MAP 267, LOT 16

N/F LANDRY, DAVID & DINA
114 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 1964, PAGE 453
TAX MAP 267, LOT 15

N/F SCERBINSKI, JARED
122 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 4076, PAGE 394
TAX MAP 268, LOT 8

N/F LAMONTAGNE, JOHN & RUTH
124 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 1584, PAGE 749
TAX MAP 269, LOT 5

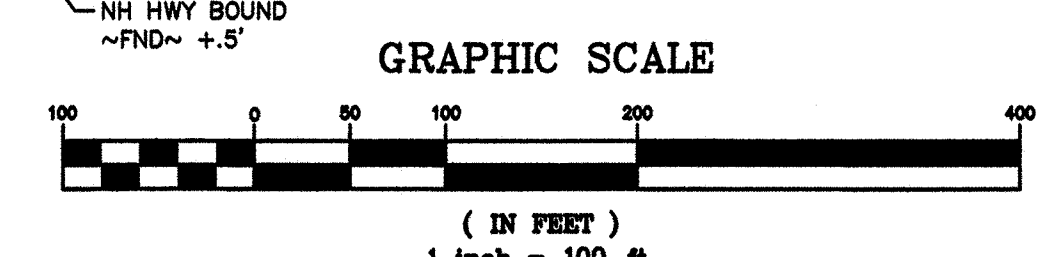
N/F AL-HOJERRY, KEENAN
7 SINCLAIR DRIVE
EXETER, NH 03833
S.C.R.D. BOOK 4452, PAGE 364
TAX MAP 269, LOT 4



TAX MAP 6, LOT 22
TOTAL AREA:
1,164,698 Sq.Ft., 26.74 Ac.
TOTAL CONTIGUOUS UPLANDS:
711,505 Sq.Ft., 16.33 Ac.
RESTRICTED NON-BUILDING AREA
749,596 Sq.Ft., 17.21 Ac.

NOTTINGHAM
APPROVED
PLANNING BOARD

DATE



I CERTIFY THAT THIS PLAN FULLY AND ACCURATELY DEPICTS THE LOCATION AND DIMENSIONS OF THE LAND AND EXISTING IMPROVEMENTS THEREON, AND TO THE EXTENT FEASIBLE, ALL EASEMENTS APPURTENANT THERETO, THAT ALL UNITS DEPICTED THEREON AS COMPLETE HAVE BEEN SUBSTANTIALLY COMPLETED AND THIS PLAN COMPLIES WITH THE PROVISIONS OF RSA 356-B:20.

Kenneth A. Berry 12-1-20
KENNETH A. BERRY L.L.S. 805 DATE

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 12-1-20
KENNETH A. BERRY L.L.S. 805 DATE

REQUESTED WAIVERS

SECTION 15.2.1, TABLE 1 (REVERSE CURVE MINI TANGENT):	GRANTED
SECTION 15.2.1, TABLE 1 (MAX GRADE WITHIN 50' OF AN INTERSECTION):	GRANTED
SECTION 15.2.1, TABLE 1 (MAXIMUM SLOPE):	GRANTED
SECTION 15.6.7.4, ROADSIDE DRAINAGE (DITCHES SHALL BE LESS THAN 8%):	GRANTED

REVISION	DATE	DESCRIPTION
#6	11/24/20	REVISED PER CONDITIONS OF APPROVAL
#5	8/17/20	REVISED PER NHDOT COMMENT
#4	4/28/20	RFMI RESPONSE TO AOT
#3	11/13/19	REVISED PER PEER REVIEWS
#2	9/25/19	REVISED PER NHDOT COMMENTS
#1	8/15/19	REVISED FOR AOT APPLICATION

CONDOMINIUM SITE PLAN
OF
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603) 332-2863
SCALE : 1 IN. EQUALS 100 FT.
DATE : JUNE 3, 2019
FILE NO. : DB 2018 - 030

Kenneth A. Berry
 SIGNATURE