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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

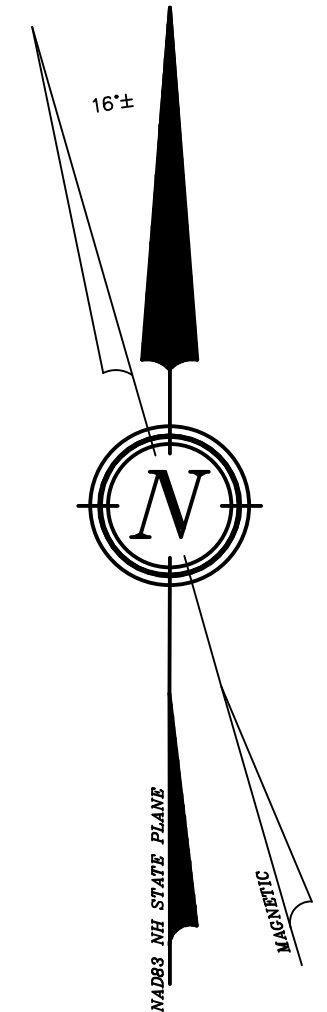
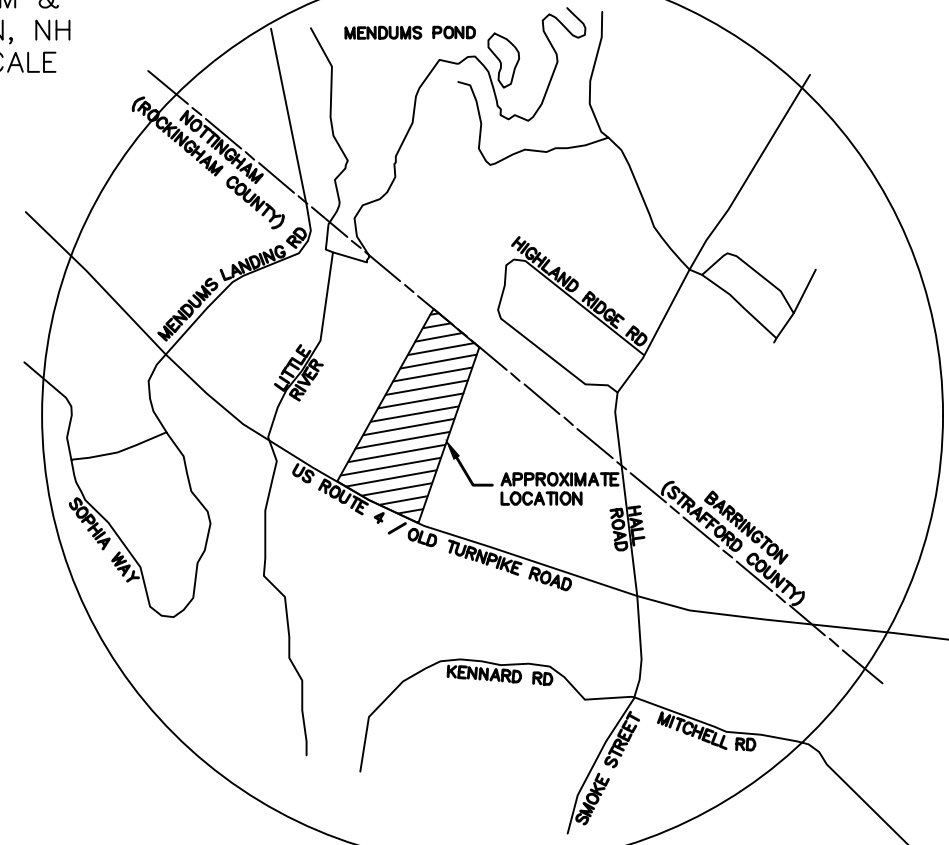
APPLICANT: DOMUS DEVELOPERS INC.
 11 WHITEHORSE DRIVE
 RYE, NH 03870

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

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

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



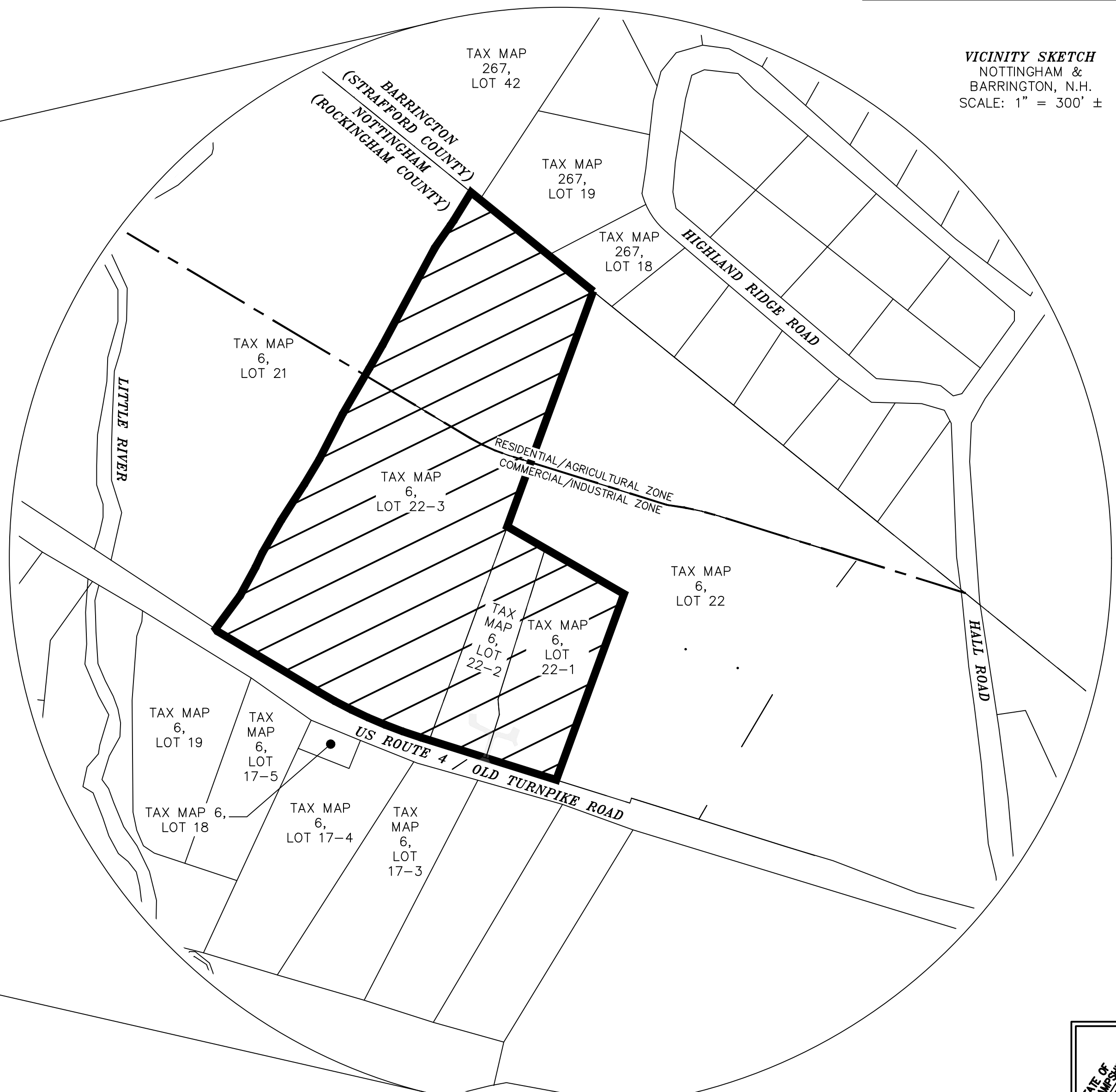
RESIDENTIAL SITE REVIEW

LAND OF DOMUS DEVELOPERS INC. OLD TURNPIKE ROAD NOTTINGHAM, N.H. TAX MAP 6, LOT 22-3 W/LOT 22-1 & LOT 22-2

NOTTINGHAM
 APPROVED
 PLANNING BOARD

DATE

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



REQUIRED PERMITS:

- 1.) NHDES SUBDIVISION APPROVAL: (eSA2020090103)
- 2.) NHDES ALTERATION OF TERRAIN PERMIT (AoT-1854)
- 3.) EPA NOTICE OF INTENT / SWPPP: (NHR10012H)
- 4.) NATURAL HERITAGE BUREAU: (FILE #18-3821)
- 5.) DIVISION OF HISTORICAL RECOURSES: (10629)
- 6.) NHDOT DRIVEWAY PERMIT: (06-351-368)

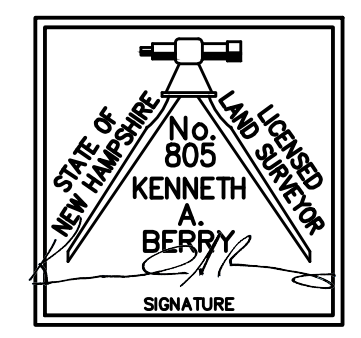
GENERAL PLAN SET NOTES:

- 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.

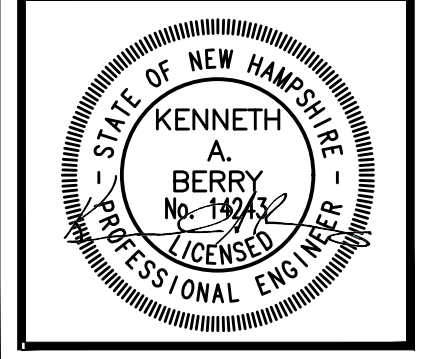
WHETHER OR NOT OTHERWISE EXPRESSLY RECITED ON THIS SITE PLAN, THE SITE PLAN APPROVAL GRANTED IS CONDITIONED ON FAITHFUL AND DILIGENT ADHERENCE BY THE OWNER/SUBDIVIDER/DEVELOPER OF ALL TERMS, CONDITIONS, PROVISIONS AND SPECIFICATIONS OF THE TOWN OF NOTTINGHAM LAND SUBDIVISION REGULATIONS AS AMENDED OR 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.



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



RESIDENTIAL SITE REVIEW
 LAND OF
 DOMUS DEVELOPERS INC.
 US ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22-3

REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED FOR CONDITIONS OF APPROVAL
#5	11-23-20	REVISED FOR NHDES COMMENT
#4A	8-17-20	REVISED FOR NHDOT COMMENT
#3B	6-1-20	REVISED FOR AoT RFMI

ABBREVIATION LEGEND:

BITUM.	BITUMINOUS
E.O.P.	EDGE OF PAVEMENT
E.S.H.W.T.	ESTIMATED SEASONAL HIGH WATER TABLE
TYP.	TYPICAL
U.G.E.	UNDER GROUND ELECTRIC / UTILITY
U.D.	UNDER DRAIN
C.O.	CLEAN OUT
INV.	INVERT
ELEV.	ELEVATION
F.E.S.	FLARED END SECTION
HDPE	HIGH DENSITY POLYETHYLENE
RPC	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
	NRCS SOIL LABEL
	ROCKINGHAM COUNTY REGISTRY OF DEEDS
	STRAFFORD COUNTY REGISTRY OF DEEDS
	TYP. FOUND

PROPOSED LEGEND:

	GRANITE BOUND ~TBS~
	3/4\"/>
	1/2\"/>
	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)
	UNDERGROUND UTILITY
	UNDER DRAIN
	SILT FENCE / EROSION MIX BERM
	FILTRAXX 8\"/>
	ORANGE CONSTRUCTION PERIMETER FENCE
	NRCS SOIL DELINEATION
	SOIL TYPE
	TRANSFORMER / J.BOX
	RIP RAP
	RAIN GARDEN
	BERM
	4,000 Sq. Ft. EFFLUENT LEACHING AREA



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

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

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

ABUTTERS WITHIN 200':

N/F WHITEMAN, JASON T.
88 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

N/F UNIVERSITY OF NEW HAMPSHIRE
ASST VP FACILITIES
22 COLOVAS ROAD
S.C.R.D. DURHAM, NH 03824
TAX MAP 267, LOT 42

ABUTTERS WITHIN 200' CONT'D:

N/F TUCCOLO, ANDREA & MALAISIA, PATRICK
32 OLD TURNPIKE ROAD
NOTTINGHAM, NH 03290
R.C.R.D. BOOK 5832, PAGE 2354
TAX MAP 6, LOT 17-3

N/F HOVANASIAN, KAREN L. & CHARLENE C.
PO BOX 412
HAMILTON, MA 01936
R.C.R.D. BOOK 2739, PAGE 657
TAX MAP 6, LOT 17-4

N/F GRAHAM, WILLIAM A.
38 OLD TURNPIKE ROAD
NOTTINGHAM, NH 03290
R.C.R.D. BOOK 3455, PAGE 716
TAX MAP 6, LOT 17-5

N/F STATE OF NEW HAMPSHIRE
FOREST & LAND DIVISION
PO BOX 1856
CONCORD, NH 03302
TAX MAP 6, LOT 18

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

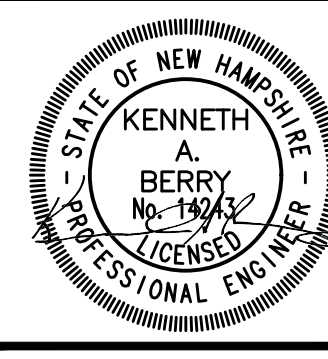
N/F STATE OF NEW HAMPSHIRE
DES WATER RESOURCES DIVISION
PO BOX 95
CONCORD, NH 03302
TAX MAP 6, LOT 21

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

REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED FOR CONDITIONS OF APPROVAL
#5	11-23-20	REVISED FOR NHDES COMMENT
#4A	8-17-20	REVISED FOR NHDOT COMMENT
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NEIGHBORHOOD PLAN
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3

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



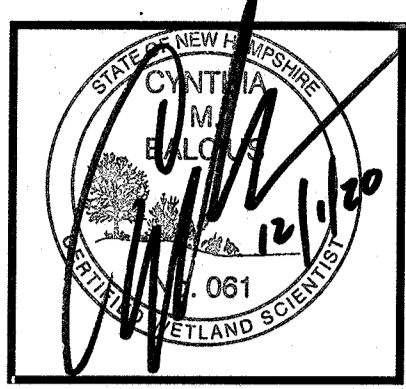
PLAN REFERENCES:

- "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
TO BE RECORDED AT THE R.C.R.D.
ON FILE AT THIS OFFICE: JDB 2018 - 030
- "WETLANDS RESERVE PROGRAM CONSERVATION EASEMENT WRP CONTRACT #NH1016, BARRINGTON TAX MAP 209, LOTS 4 & 7, (STRAFFORD COUNTY) NOTTINGHAM TAX MAP 6, LOTS 15, 2 & 22 (ROCKINGHAM COUNTY) NH ROUTE 4, MOJANEL 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 9, 2011
R.C.R.D.: D-36971
S.C.R.D.: PLAN # 102-58
- "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, 2019
R.C.R.D.: PLAN # D-39290
- "PLOT PLAN"
SHEET 1 & 2 OF 2
BY: THOMAS J. RAYMOND
DATED: FEBRUARY 24, 2000
R.C.R.D.: PLAN # D-28003
- "THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY PLANS OF PROPOSED SURFACE TRANSPORTATION PROJECT, SIP-012-2030, 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
- "FINAL SUBDIVISION OF LAND 'HIGHLAND RIDGE' FOR HIGHLAND GROUP OF BARRINGTON, BARRINGTON, NEW HAMPSHIRE"
BY: DURGIN/SCHOFFEL ASSOCIATES
DATED: JUNE 18, 1987
S.C.R.D.: PLAN #314-40
- "SUBDIVISION OF LAND FOR R. MINESINGER IN NOTTINGHAM, N.H."
BY: BRUCE L. PCHOPEK
DATED: JUNE 11, 1986
R.C.R.D.: PLAN # D-16695
- 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
- PLAN OF ROUTE 4, NOTTINGHAM, N.H.
BY: NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION
DATED: AUGUST 1, 1973
PLAN ON FILE AT THIS OFFICE

N/F UNIVERSITY OF NEW HAMPSHIRE
ASST VP FACILITIES
22 COLONAS ROAD
DURHAM, NH 03824
GENERAL RESIDENTIAL ZONE
TAX MAP 267, LOT 42

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

N/F NEMISH, 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



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

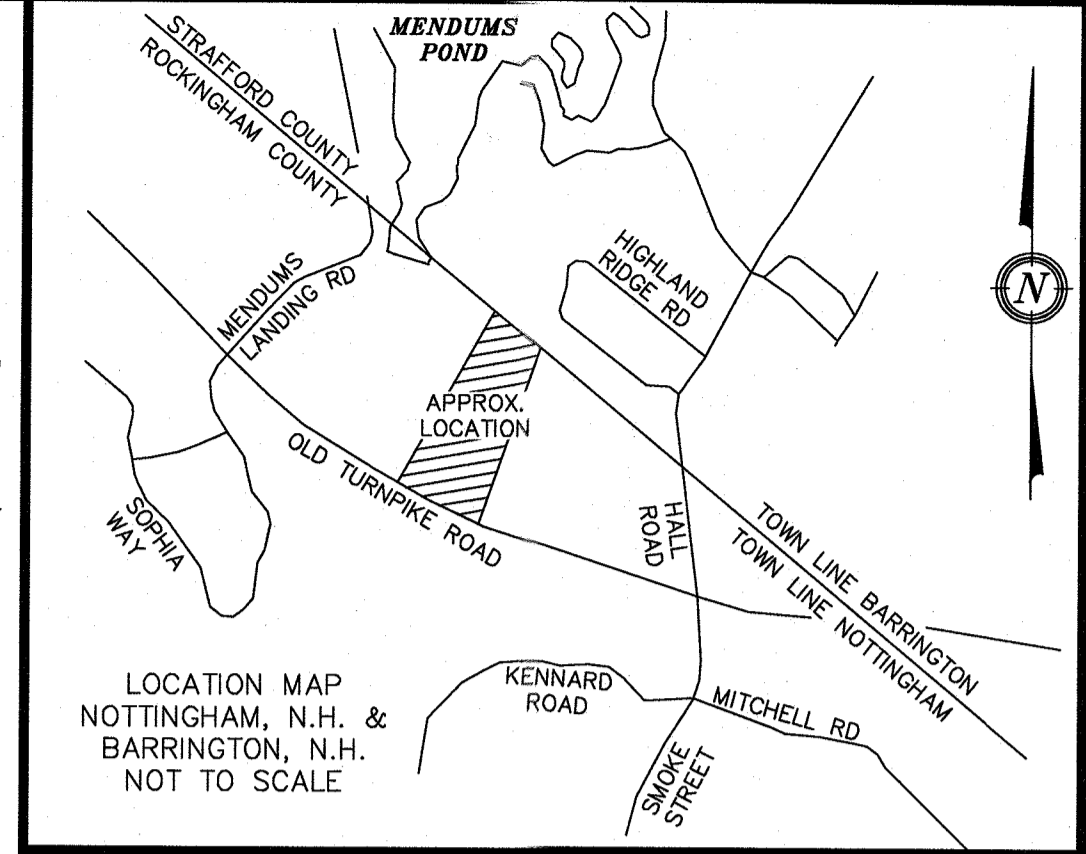
JURISDICTIONAL WETLANDS WERE DELINEATED BY CYNTHIA BALCUS OF STONEY RIDGE ENVIRONMENTAL LLC IN SEPTEMBER OF 2018 UTILIZING THE FOLLOWING STANDARDS:

- FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7.0, 2010. L.M. VASLAS, 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 01987.
- 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 BOWEN, CHAPEN HILL.
- STATE OF NEW HAMPSHIRE 2014 WETLAND PLANT LIST. LIOHAR, R.W., M. BUTTERWICK, N.C. MELVIN, AND W.N. KROCHNER, 2014. THE NATIONAL WETLAND PLANT LIST: 2014 UPDATE OF WETLAND RATINGS. PHYTONEURON 2014-411-42.
- CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, JANUARY 1987. WETLANDS RESEARCH PROGRAM TECHNICAL REPORT Y-87-11.
- REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTH-CENTRAL AND NORTH-EAST REGION, JANUARY 2012, VERSION 1.2. U.S. ARMY CORPS OF ENGINEERS, ENVIRONMENTAL LABORATORY EROD/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.

SOILS:

- 43B - CANTON FINE SANDY LOAM, 8 TO 15% 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
- 69C - CHARLTON FINE SANDY LOAM, 8 TO 15% SLOPES, VERY STONY
- 495 - NATCHAUS MUCK PEAT, 0 TO 2% SLOPES
- 547B - WALPOLE, VERY FINE SANDY LOAM, 0 TO 3% SLOPES, VERY STONY
- 62B - CHARLTON FINE SANDY LOAM, 3 TO 8% SLOPES, VERY STONY
- 62C - CHARLTON FINE SANDY LOAM, 8 TO 15% SLOPES, VERY STONY

SEE WEBSOIL USDA-NRCS
SEE SITE SPECIFIC SOILS MAP



NOTES:

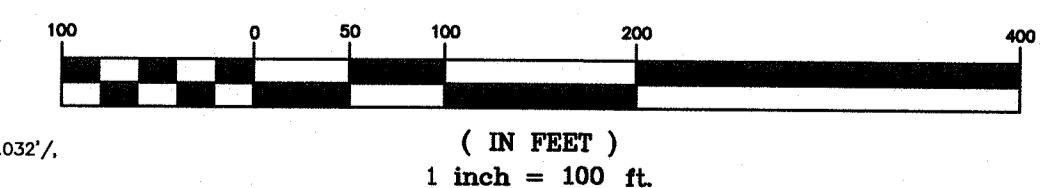
- OWNER: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
- APPLICANT: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
- TAX MAP 6, LOT 22-3
- LOT AREA: 1,111,859 Sq. Ft. 25.52 Ac.
BUILDABLE UPLAND: 375,000 Sq. Ft. 8.60 Ac.
- R.C.R.D. BOOK 5977, PAGE 2799
- ZONING: COMMERCIAL/INDUSTRIAL DISTRICT & RESIDENTIAL/AGRICULTURAL DISTRICT
FRONTAGE ~ 200.0'
MINIMUM LOT SIZE ~ 87,120 SQ. FT.
FRONT SETBACK ~ 100.0'
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
- 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# - 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 PERFORMED BY THIS OFFICE IN SUMMER OF 2018. EXISTING CONTOURS ARE PROVIDED AT 2' INTERVALS.
- THE INTENT OF THIS PLAN IS TO SHOW THE EXISTING CONDITIONS ON TAX MAP 6, LOT 22-3 AS OF THE DATE OF THIS PLAN.
- THIS IS CURRENTLY A VACANT LOT.
- SEE CORRESPONDING SUBDIVISION PLAN FOR FURTHER BOUNDARY DETAILS.

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
- ZONING DISTRICT LINE
- AREA OF 25% OR GREATER SLOPE
- ROCKINGHAM COUNTY REGISTRY OF DEEDS
- STRAFFORD COUNTY REGISTRY OF DEEDS
- TYP: TYPICAL
- FND: FOUND

R.C.R.D.
S.C.R.D.
TYP.
FND

GRAPHIC SCALE



I CERTIFY THAT THIS PLAN 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 -
12-1-20
KENNETH A. BERRY LLS 805 DATE

ROAD NOTE:

US ROUTE 4 / OLD TURNPIKE ROAD:
CLASS 1 GRAVED
4 ROADS WIDE, NH STATE PAPERS - BOOK 18, PAGE 859
US ROUTE 4 DIMENSIONS AND STATUS SHOWN ON SHEETS 34-37

ABUTTERS ACROSS ROAD:

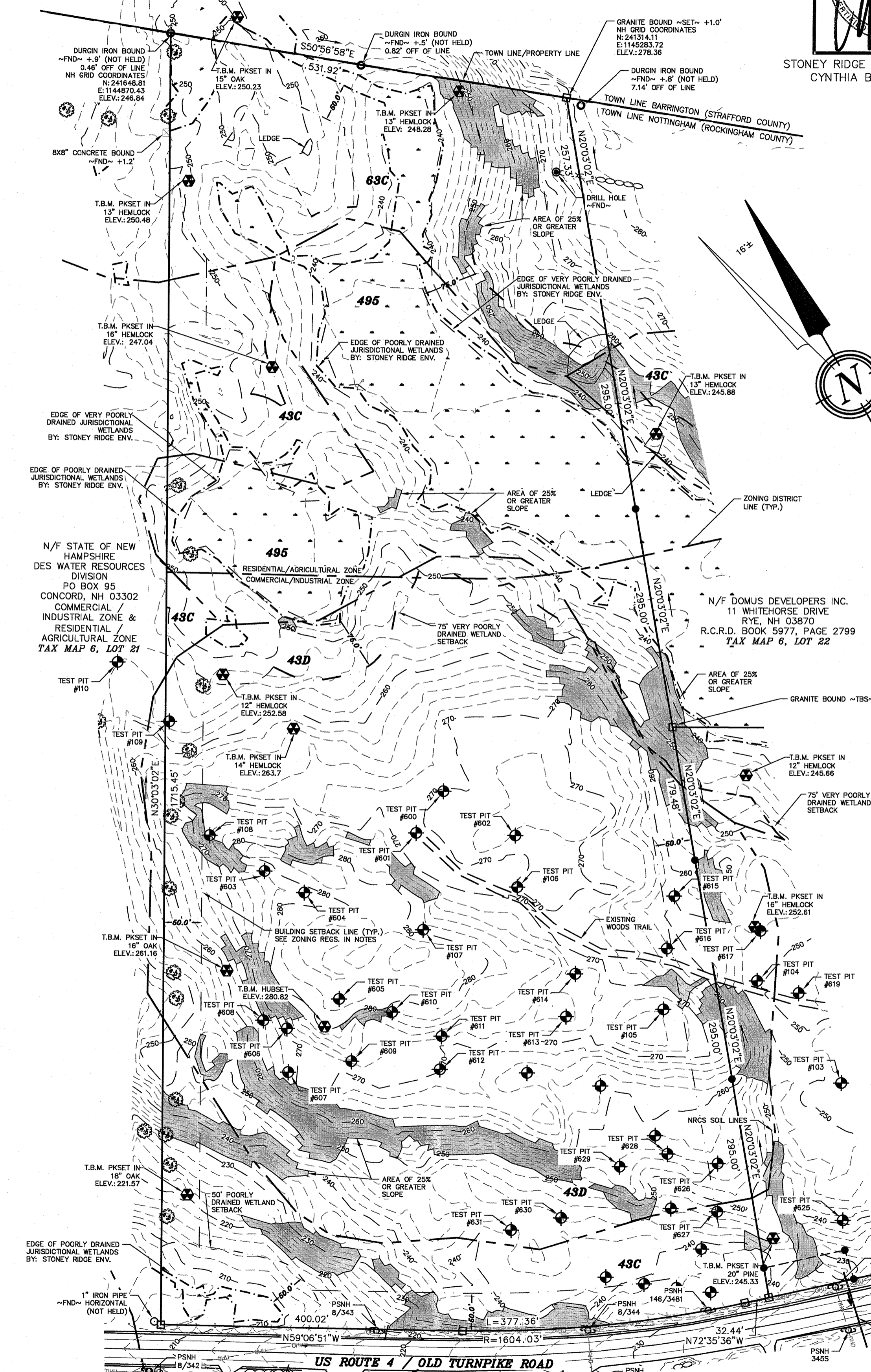
N/F HOVANASIAN, KAREN L. & CHARLENE C.
PO BOX 412
HAMILTON, MA 01936
R.C.R.D. BOOK 2739, PAGE 657
COMMERCIAL/INDUSTRIAL ZONE
TAX MAP 6, LOT 17-4

N/F GRAHAM, WILLIAM A.
38 OLD TURNPIKE ROAD
NOTTINGHAM, NH 03290
R.C.R.D. BOOK 3455, PAGE 916
COMMERCIAL/INDUSTRIAL ZONE
TAX MAP 6, LOT 17-5

ABUTTERS ACROSS ROAD CONT:

N/F STATE OF NEW HAMPSHIRE
FOREST & LAND DIVISION
PO BOX 1656
CONCORD, NH 03302
COMMERCIAL/INDUSTRIAL ZONE
TAX MAP 6, LOT 18

N/F PLANTE, BRIAN J.
42 OLD TURNPIKE ROAD
NOTTINGHAM, NH 03290
R.C.R.D. BOOK 5266, PAGE 665
COMMERCIAL/INDUSTRIAL ZONE
TAX MAP 6, LOT 19



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

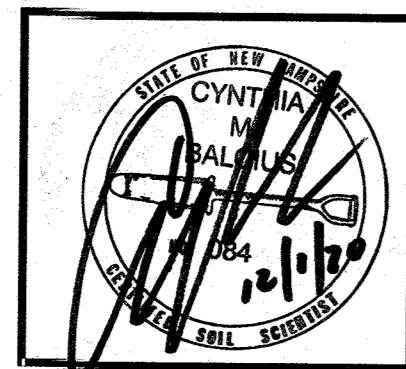
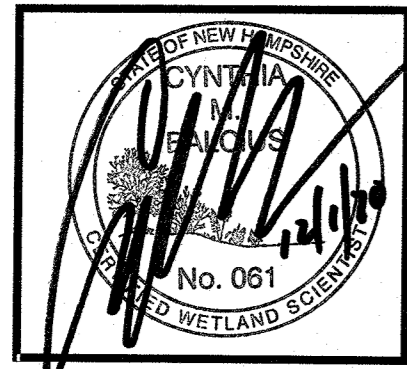
EX. 24" RCP
INV. IN = 227.24
INV. OUT = 223.84
L = 105.20', S = 0.0327/

REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED FOR CONDITIONS OF APPROVAL
#5	11-23-20	REVISED FOR NHDES COMMENT
#4A	8-17-20	REVISED FOR NHDOT COMMENT
#3B	6-1-20	REVISED FOR AOT RFM

EXISTING CONDITIONS PLAN
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3

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

SHEET 2 OF 36



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, NEWPPCC 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: 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.

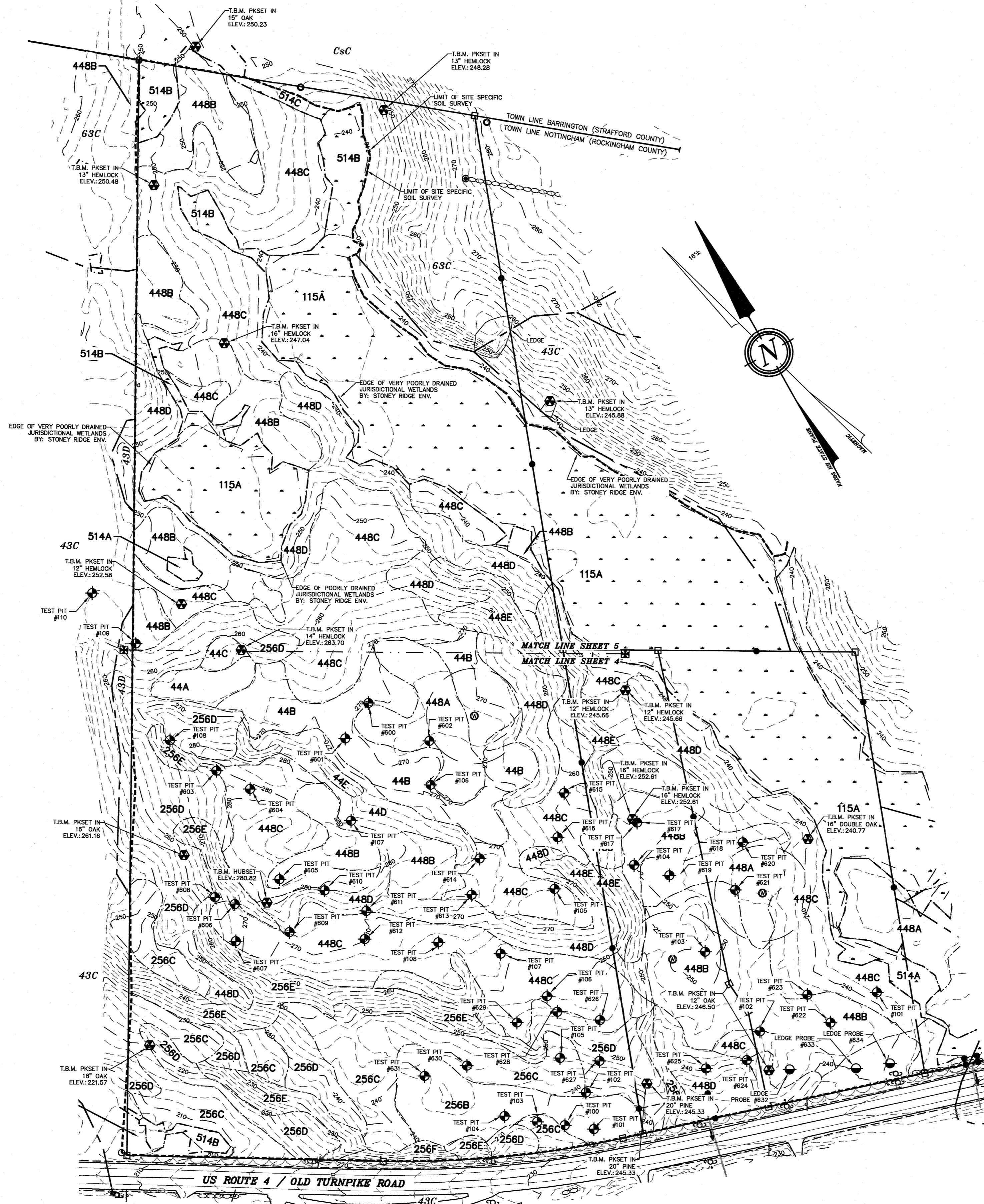
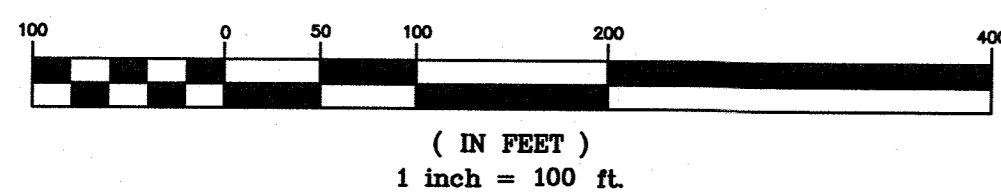
SOILS LEGEND		
SYMBOL	SOIL TAXONOMIC NAME	HYDROLOGIC SOIL GROUP
256B	CHATFIELD (WELL DRAINED)-CANTON COMPLEX (70/30)	B/4/2
256D	CHATFIELD (WELL DRAINED)-CANTON COMPLEX (70/30)	B/4/2
256F	CHATFIELD (WELL DRAINED)-CANTON COMPLEX (70/30)	B/4/2
44B	MONTAUK FINE SANDY LOAM	C/3
44D	MONTAUK FINE SANDY LOAM	C/3
44A	MONTAUK FINE SANDY LOAM	C/3
448A	SCITUATE FINE SANDY LOAM	C/3
448C	SCITUATE FINE SANDY LOAM	C/3
448E	SCITUATE FINE SANDY LOAM	C/3
514B	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
43C ~ CANTON FINE SANDY LOAM, 8-15% SLOPES, VERY STONY
43D ~ CANTON FINE SANDY LOAM, 15 TO 25% SLOPES, VERY STONY
63C ~ CHARLTON FINE SANDY LOAM, 8-15% SLOPES, VERY STONY
495 ~ NATCHAUG MUCK PEAT, 0 TO 2% SLOPES
STAFFORD COUNTY
C5C ~ 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
- 3) LOT AREA: 1,111,859 Sq. Ft. 25.52 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# - 3301500115E & MAP# - 3301500120E, 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 PREFORMED 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 22-3 AS OF THE DATE OF THIS PLAN.

LEGEND:

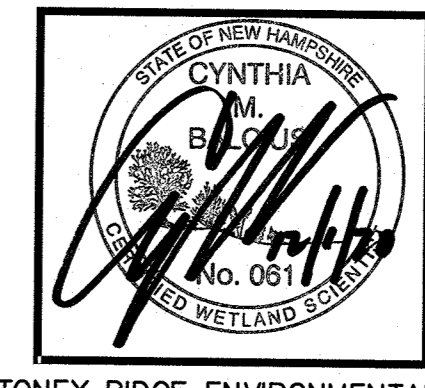
- DRILL HOLE (FND)
 - IRON PIPE (FND)
 - IRON BOUND (FND)
 - NH HIGHWAY SOUND (FND)
 - UTILITY POLE/GUY WIRE
 - LEDGE PROBE
 - TEST HOLE
 - BENCHMARK
 - STONE WALL
 - WETLAND LINE
 - EXISTING CONTOUR MINOR
 - EXISTING CONTOUR MAJOR
 - OFF SITE NRCS SOIL LINE
 - SOIL LINE
 - LIMIT OF SOIL SURVEY
 - MATCH 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 FOR CONDITIONS OF APPROVAL
#5	11-23-20	REVISED FOR NHDES COMMENT
#4A	8-17-20	REVISED FOR NHDOT COMMENT
#3B	6-1-20	REVISED FOR AOT RFMI

SITE SPECIFIC SOILS MAP OVERVIEW
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3

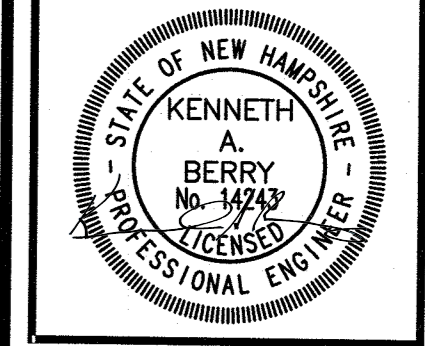


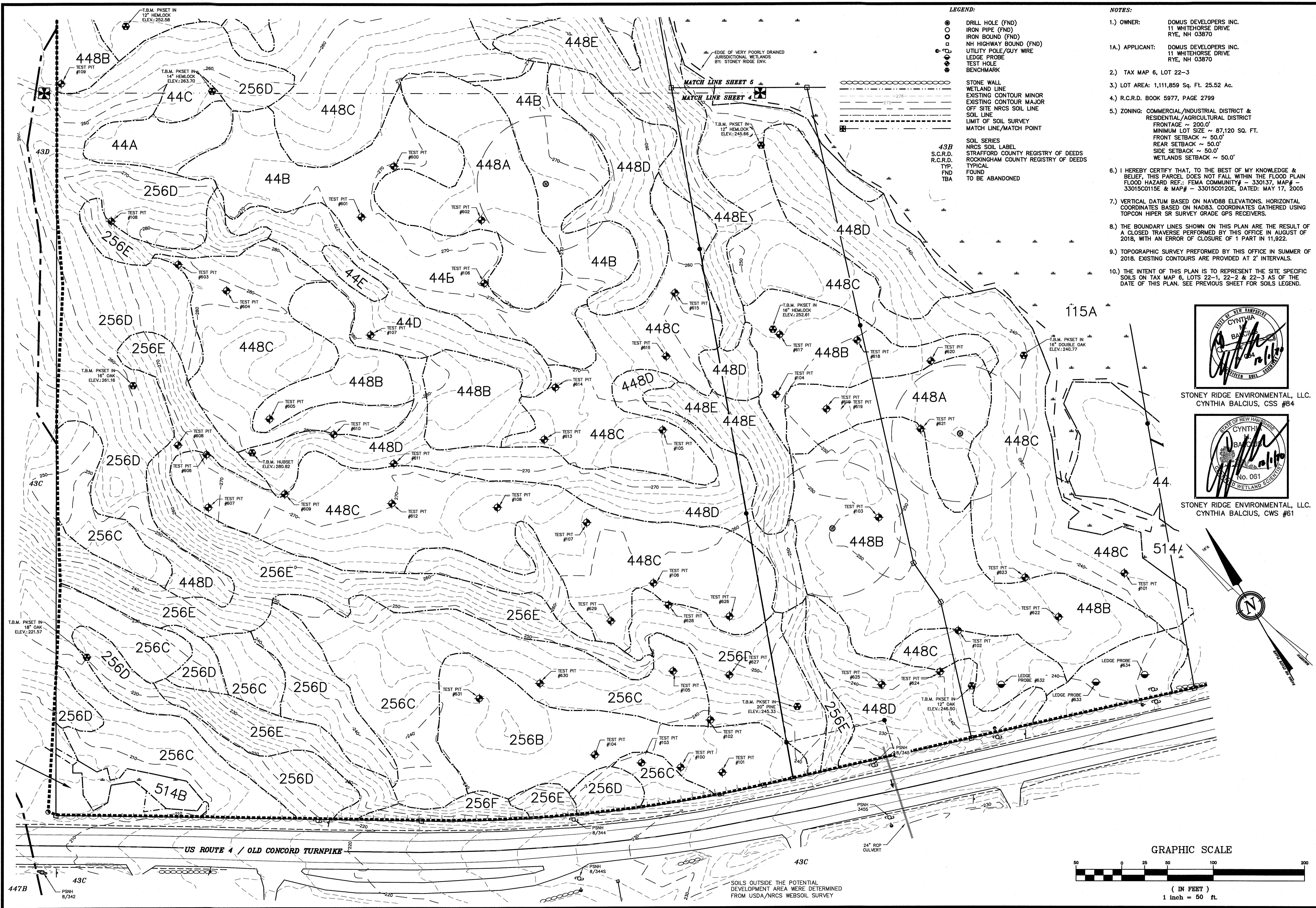
STONEY RIDGE ENVIRONMENTAL, LLC.
CYNTHIA BALCIUS, CSS #84



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

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 100 FT.
DATE: JUNE 3, 2019
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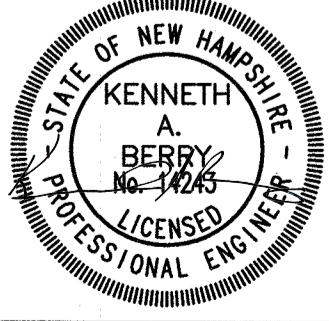


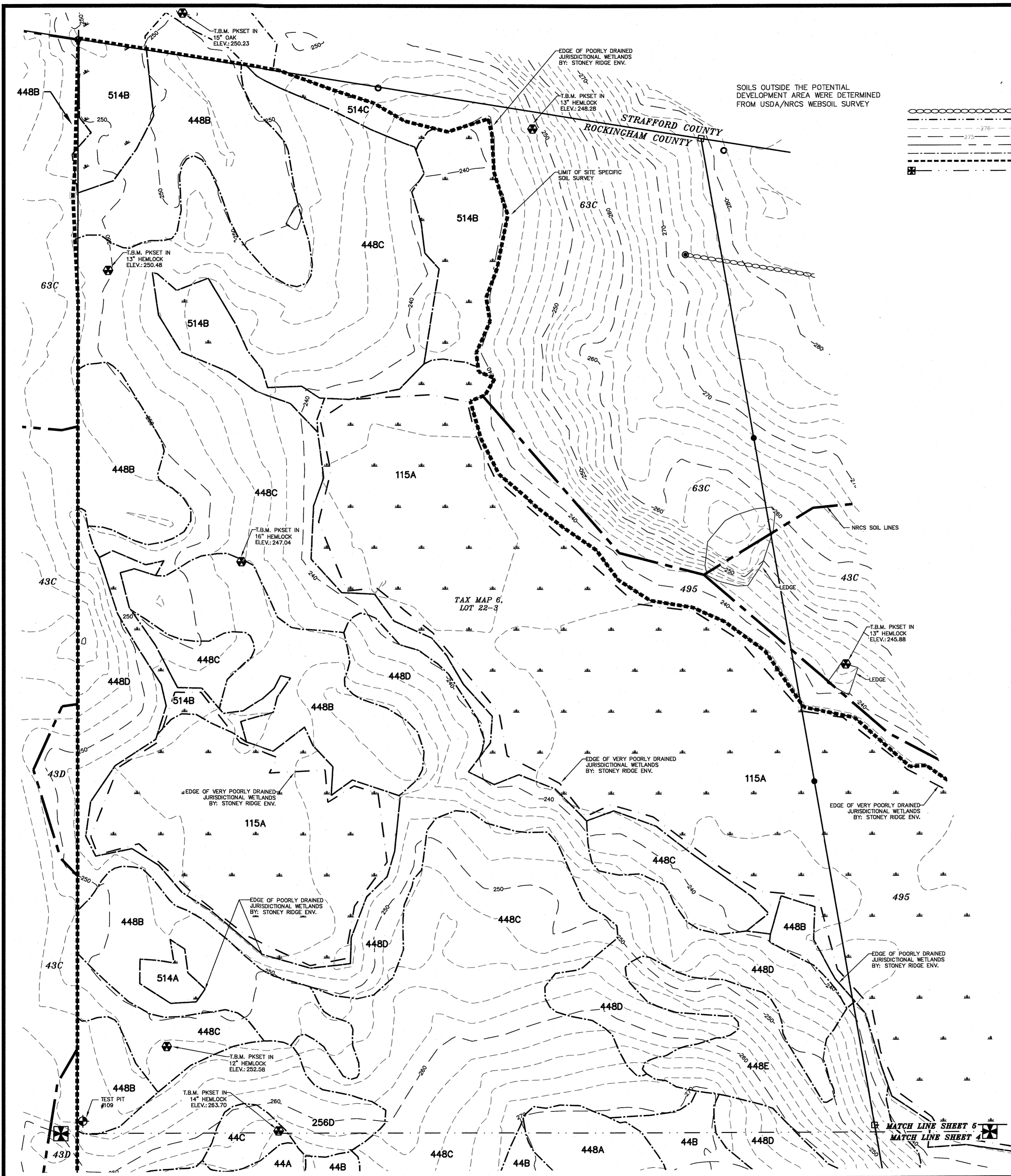


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#4A	8-17-20	REVISED FOR NHDOT COMMENT
#3B	6-1-20	REVISED FOR AOT RTM

SITE SPECIFIC SOILS MAP - SOUTHWEST LAND OF DOMUS DEVELOPERS INC. US ROUTE 4 / OLD TURNPIKE ROAD NOTTINGHAM, N.H. TAX MAP 6, LOT 22-3

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





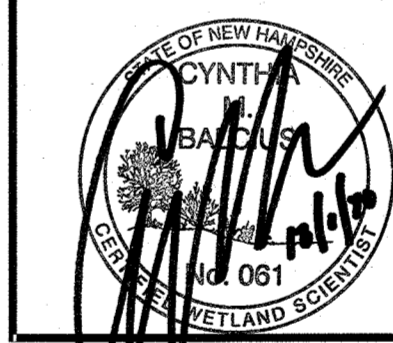
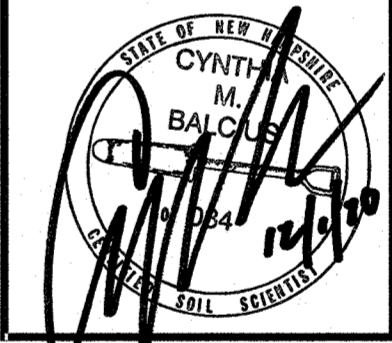
- LEGEND:**
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 - IRON PIPE (FND)
 - IRON BOUND (FND)
 - NH HIGHWAY BOUND (FND)
 - UTILITY POLE/GUY WIRE
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 WETLAND LINE
 EXISTING CONTOUR MINOR
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 OFF SITE NRCS SOIL LINE
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 LIMIT OF SOIL SURVEY
 MATCH LINE/MATCH POINT
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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

- 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 22-3
 - LOT AREA: 1,111,859 Sq. Ft. 25.52 Ac.
 - R.C.R.D. BOOK 5977, PAGE 2799
 - 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'
 - 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
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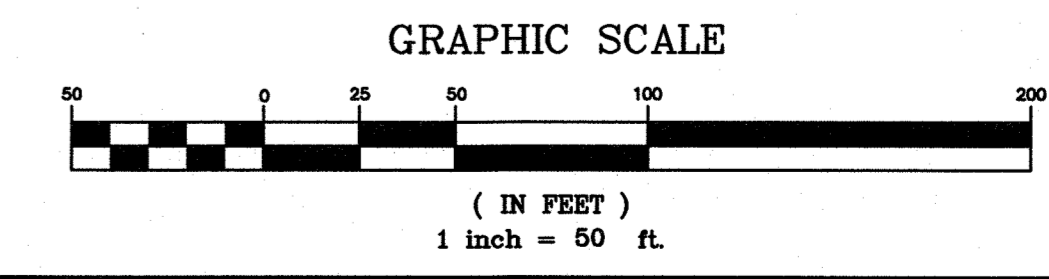
SOILS LEGEND

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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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



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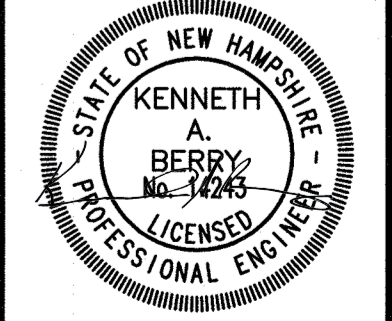
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#	REVISION	DATE	DESCRIPTION
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#5	11-23-20		REVISED FOR NHDES COMMENT
#4A	8-17-20		REVISED FOR NHDOT COMMENT
#3B	6-1-20		REVISED FOR AOT RFM

SITE SPECIFIC SOILS MAP - NORTHWEST
 LAND OF
 DOMUS DEVELOPERS INC.
 US ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22-3

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



LEGE 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" 2.5 YR 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"

LEGE 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" 2.5 YR 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"

LEGE 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"

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

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

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

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

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

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

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

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

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

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

LEGE PROBE #14
TERMINATED @ 64"
NO LEDGE OBSERVED

LEGE PROBE #34
E.S.H.W.T @ 31"
NO LEDGE
HIGHER LOAM CONTENT

TEST PIT #101
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
13-16" 10YR 3/3, FINE SANDY LOAM, GRANULAR, FRIABLE
16-42" 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 @ 48"
ROOTS TO 24"

TEST PIT #112
0-5" 10YR 2/2, FINE SANDY LOAM, GRANULAR, FRIABLE
5-26" 10YR 5/6, 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 @ 28"
REFUSAL @ 48"
GROUND WATER OBSERVED > 48"
ROOTS TO 30"

TEST PIT #500
0-9" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
9-18" 10YR 4/6, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
18-27" 10YR 4/6, DARK YELLOWISH BROWN, FINE LOAMY SAND, SINGLE GRAIN, FRIABLE
27-48" 10YR 4/6, DARK YELLOWISH BROWN, FINE LOAMY SAND, SINGLE GRAIN, FRIABLE
48-15% REDOX COMMON AND DISTINCT
TERMINATED @ 48"
E.S.H.W.T @ 27"
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 4/6, 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
52-10% 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 5/6, YELLOWISH BROWN, VERY FINE SANDY LOAM, GRANULAR, FRIABLE
27-52" 10YR 6/4, LIGHT YELLOWISH BROWN, COARSE SAND, GRANULAR, LOOSE
52-15% 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 4/6, 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
55-10% 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 4/6, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
54-15% 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 4/6, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
17-48" 2.5Y 4/4, OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FIRM IN HOLE/FRIABLE IN HAND
48-5% REDOX COMMON AND DISTINCT
TERMINATED @ 48"
E.S.H.W.T @ 17"
NO REFUSAL
NO 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 4/6, 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
48-10% REDOX COMMON AND DISTINCT
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 4/6, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
24-48" 2.5Y 4/4, FINE SAND, GRANULAR, FIRM IN HOLE/LOOSE IN HAND
48-10% REDOX COMMON AND DISTINCT
TERMINATED @ 52"
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"
RIPPABLE LEDGE @ 96" +/-
TERMINATED @ 96" +/-
E.S.H.W.T @ 22"
REFUSAL @ 96" +/-, LEDGE
NO GROUND WATER OBSERVED
NO ROOTS

TEST PIT #510
RESTRICTIVE @ 20"
RIPPABLE 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
3-16" 10YR 5/8, YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
16-25" 10YR 4/6, 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
48-10% 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 4/6, 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
48-10% REDOX COMMON AND DISTINCT
TERMINATED @ 48"
E.S.H.W.T @ 24"
NO REFUSAL
NO GROUND WATER OBSERVED
ROOTS TO 26"

TEST PIT #513
0-3" 10YR 3/2, VERY DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
3-21" 10YR 4/6, 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
48-10% 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 4/6, 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
48-10% REDOX COMMON AND DISTINCT
TERMINATED @ 48"
E.S.H.W.T @ 25"
NO REFUSAL
NO GROUND WATER OBSERVED
ROOTS TO 22"

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
27-48" 10YR 4/6, DARK YELLOWISH BROWN, VERY FINE LOAMY SAND, MEDIUM BLOCKY, FIRM IN HOLE/FRIABLE IN HAND
48-10% REDOX COMMON AND DISTINCT
TERMINATED @ 48"
E.S.H.W.T @ 27"
NO REFUSAL
NO GROUND WATER OBSERVED
ROOTS TO 27"

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
48-10% REDOX COMMON AND DISTINCT
TERMINATED @ 48"
E.S.H.W.T @ 25"
NO REFUSAL
NO GROUND WATER OBSERVED
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
0-3" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
3-20" 10YR 5/8, YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
20-48" 10YR 4/4, DARK YELLOWISH BROWN, FINE LOAMY SAND, GRANULAR, FIRM IN HOLE/FRIABLE IN HAND
48-10% REDOX COMMON AND DISTINCT
TERMINATED @ 48"
E.S.H.W.T @ 20"
NO REFUSAL
NO GROUND WATER OBSERVED
ROOTS TO 19"

TEST PIT #519
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 #520
0-3" 10YR 3/3, DARK BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
3-23" 10YR 4/6, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
23-49" 10YR 4/6, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
49-10% REDOX COMMON AND DISTINCT
TERMINATED @ 49"
E.S.H.W.T @ 24"
NO REFUSAL
NO GROUND WATER OBSERVED
ROOTS TO 26"

TEST PIT #521
0-4" 10YR 3/4, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
4-20" 10YR 4/6, 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
48-5% 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
48-10% REDOX COMMON AND DISTINCT
TERMINATED @ 48"
E.S.H.W.T @ 20"
NO REFUSAL
NO GROUND WATER OBSERVED
ROOTS TO 26"

TEST PIT #523
RIPPABLE 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 4/6, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
24-48" 2.5Y 4/4, OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
48-10% REDOX COMMON AND DISTINCT
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 4/6, 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
48-15% 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 4/6, 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
48-10% 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 4/6, 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
48-20% 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 4/6, 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
48-20% REDOX COMMON AND DISTINCT
TERMINATED @ 48"
E.S.H.W.T @ 23"
NO REFUSAL
NO GROUND WATER OBSERVED
ROOTS TO 19"

TEST PIT #102
0-4" 10YR 3/2, VERY DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
4-15" 10YR 4/6, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
15-24" 2.5Y 4/4, OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
24-75" 2.5Y 5/3 LIGHT OLIVE BROWN, GRAVELLY FINE SANDY LOAM, MASSIVE, FIRM
REDOXIMORPHIC FEATURES PRESENT

TERMINATED @ 85"
E.S.H.W.T 16"
RESTRICTIVE LAYER: 16"
NO REFUSAL
GROUND WATER OBSERVED @ 30"
ROOTS TO 18"

TEST PIT #103
0-4" 10YR 3/2, VERY DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
4-22" 10YR 4/6, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
22-30" 2.5Y 4/4 OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
30-72" 2.5Y 5/3 LIGHT OLIVE BROWN, GRAVELLY FINE SANDY LOAM, MASSIVE, FIRM
REDOXIMORPHIC FEATURES PRESENT

TERMINATED @ 75"
E.S.H.W.T 24"
RESTRICTIVE LAYER: 24"
NO REFUSAL
GROUND WATER OBSERVED @ 36"
ROOTS TO 24"

TEST PIT #104
0-6" 10YR 3/2, VERY DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
6-9" 7.5YR 7/2 PINKISH GREY, FINE SANDY LOAM, GRANULAR, FRIABLE
9-12" 5YR 3/3 DARK REDDISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
12-16" 2.5Y 4/4 OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
16-75" 2.5Y 5/2 GREYISH BROWN, FINE SANDY LOAM, MASSIVE, FIRM
REDOXIMORPHIC FEATURES PRESENT

TERMINATED @ 85"
E.S.H.W.T 16"
RESTRICTIVE LAYER: 16"
NO REFUSAL
GROUND WATER OBSERVED @ 30"
ROOTS TO 18"

TEST PIT #105
0-4" 10YR 3/2, VERY DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
4-22" 10YR 4/6, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
22-30" 2.5Y 4/4 OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
30-72" 2.5Y 5/3 LIGHT OLIVE BROWN, GRAVELLY FINE SANDY LOAM, MASSIVE, FIRM
REDOXIMORPHIC FEATURES PRESENT

TERMINATED @ 60"
E.S.H.W.T 32"
RESTRICTIVE LAYER: 32"
REFUSAL 65"
NO GROUND WATER OBSERVED
ROOTS TO 32"

TEST PIT #106
0-4" 10YR 3/2, VERY DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
4-22" 10YR 4/6, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
22-30" 2.5Y 4/4 OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
30-60" 2.5Y 5/3 LIGHT OLIVE BROWN, GRAVELLY FINE SANDY LOAM, MASSIVE, FIRM
REDOXIMORPHIC FEATURES PRESENT

TERMINATED @ 60"
E.S.H.W.T 30"
RESTRICTIVE LAYER: 30"
NO REFUSAL
NO GROUND WATER OBSERVED
ROOTS TO 30"

TEST PIT #107
0-4" 10YR 3/2, VERY DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
4-22" 10YR 4/6, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
22-30" 2.5Y 4/4 OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
30-60" 2.5Y 5/3 LIGHT OLIVE BROWN, GRAVELLY FINE SANDY LOAM, MASSIVE, FIRM
REDOXIMORPHIC FEATURES PRESENT

TERMINATED @ 60"
E.S.H.W.T 30"
RESTRICTIVE LAYER: 30"
NO REFUSAL
NO GROUND WATER OBSERVED
ROOTS TO 30"

TEST PIT #108
0-4" 10YR 3/2, VERY DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
4-22" 10YR 4/6, DARK YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
22-30" 2.5Y 4/4 OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
30-72" 2.5Y 5/3 LIGHT OLIVE BROWN, GRAVELLY FINE SANDY LOAM, MASSIVE, FIRM
REDOXIMORPHIC FEATURES PRESENT

TERMINATED @ 74"
E.S.H.W.T 30"
RESTRICTIVE LAYER: 30"
NO REFUSAL
NO GROUND WATER OBSERVED
ROOTS TO 30"

REVISED FOR CONDITIONS OF APPROVAL	DESCRIPTION
11-24-20	REVISED FOR NHDES COMMENT
11-23-20	REVISED FOR NHDOT COMMENT
8-17-20	REVISED FOR Aot RFMI
6-1-20	
#6	DATE
REVISION	

TEST PIT DATA CONTINUED
LAND OF
DOMUS DEVELOPERS INC.
ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-8

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

MULTI FAMILY DENSITY CALCULATION:

MULTI FAMILY ZONING REGULATIONS
 1 UNIT PER 30,000 Sq. Ft. OF BUILDABLE UPLAND
 BUILDABLE UPLAND IN LOT 22-3 375,000 Sq. Ft. = 12.5 UNITS
 1 UNIT PER 2 ACRES OF LAND AREA.
 LOT SIZE FOR LOT 22-2 25.52 Ac. = 12.76 UNITS

THIS LOT YIELDS 12 UNITS FOR MULTI FAMILY DEVELOPMENT BASED ON THE LOT AREA AND CONTIGUOUS BUILDABLE UPLAND.

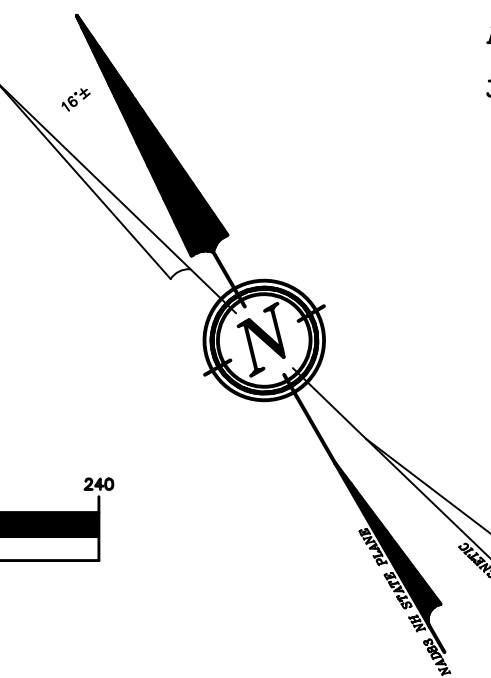
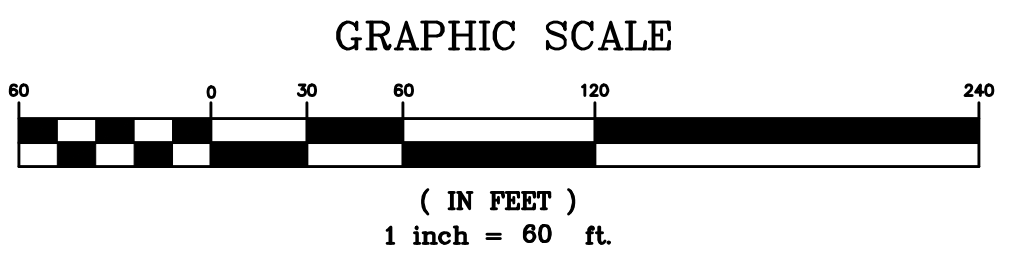
PARKING CALCULATIONS:

NOTTINGHAM PARKING REGULATIONS
 2 SPACES PER UNIT
 12 UNITS X 2 SPACES/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 3 SPACES/UNIT = 48 SPACES
 9 ADDITIONAL GUEST SPACES PROVIDED

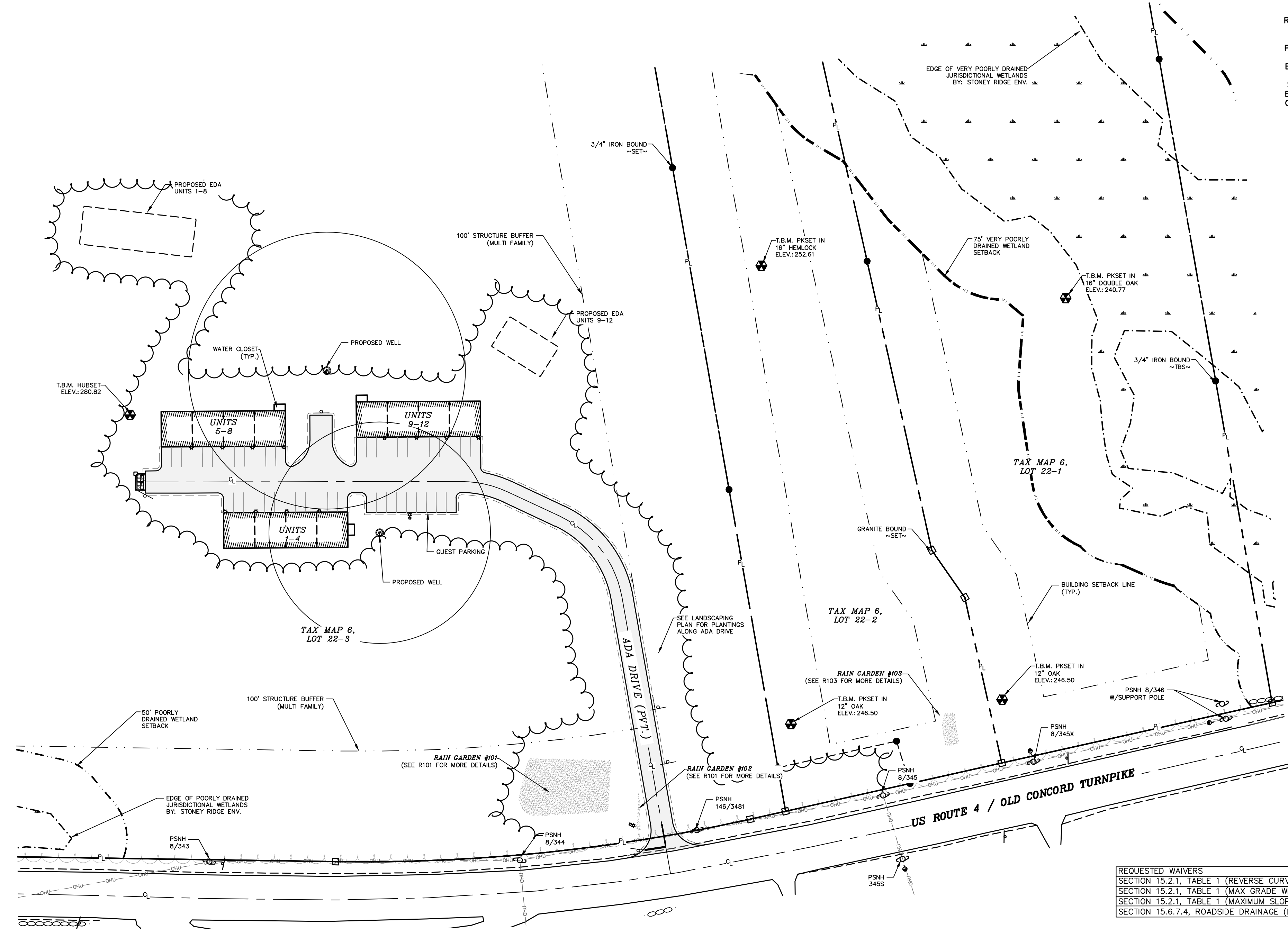
TOTAL REQUIRED: 24
 TOTAL PROPOSED: 57

NOTES CONTINUED:
 31. EXISTING BUILDING IMPERVIOUS AREA: 0 Sq. Ft. (0%)
 EXISTING PAVED IMPERVIOUS AREA: 0 Sq. Ft. (0%)
 TOTAL EXISTING IMPERVIOUS COVER: 0 Sq. Ft. (0%)
 PROPOSED BUILDING IMPERVIOUS AREA: 10,750 Sq. Ft. (0.97%)
 PROPOSED NEW PAVED IMPERVIOUS AREA: 24,189 Sq. Ft. (2.19%)
 TOTAL PROPOSED IMPERVIOUS COVER: 24,663 Sq. Ft. (3.14%)

- 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 22-3
 - LOT AREA: 1,111,859 Sq. Ft., 25.52 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 ADA DRIVE. THESE ARE DRIVE UNDER TOWNHOUSE STYLE UNITS ON A PRIVATE ROAD.
 - 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.
 - 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 PLANNING OFFICE UPON COMPLETION OF PROJECT. AS-BUILT PLANS SHALL BE PREPARED AND CERTIFIED CORRECT BY A L.L.S. OR P.E.
 - TOPOGRAPHIC SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING IN SUMMER OF 2018 UNDER NO SNOW CONDITIONS AND IS SHOWN AT 2 FOOT INTERVALS
 - 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.
 - ALL ON-SITE UTILITIES SHALL BE INSTALLED UNDERGROUND.
 - THE PROPOSED MULTI FAMILY UNITS WILL BE SERVED BY ON SITE SEPTIC AND WELLS AND BE SPRINKLED.
 - ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO APPLICABLE TOWN AND STATE CODES.
 - ALL EROSION CONTROL NOTES SHALL INCLUDE PROVISIONS FOR CONSTRUCTION SEQUENCING, TEMPORARY EROSION CONTROL MEASURES, AND PERMANENT STANDARDS SUCH AS LOAM SPREAD RATE FOR DISTURBED AREAS, RATES OF LIME, TYPE AND RATES FOR FERTILIZER, AND SEED AND MULCH MIXTURE WITH RATES OF APPLICATION.
 - THE LIMITS OF CONSTRUCTION DISTURBANCE SHALL BE STAKED, FLAGGED AND CLEARLY IDENTIFIED PRIOR TO THE COMMENCEMENT OF SITE WORK.
 - ALL TREATMENT SWALES TO BE CONSTRUCTED SHALL HAVE SOD BOTTOMS.
 - 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. COORDINATE WITH TOWN OF NOTTINGHAM, PLANNING OFFICE.
 - A PRE-CONSTRUCTION CONFERENCE WITH THE DEVELOPER, THE DESIGN ENGINEER, THE EARTHWORK CONTRACTOR, AND THE TOWN ENGINEER SHALL OCCUR PRIOR TO ANY EARTH DISTURBING ACTIVITY.
 - BUILDING ADDRESSES SHALL BE ASSIGNED BY THE BUILDING INSPECTOR AT THE TIME OF ISSUANCE OF A BUILDING PERMIT.
 - THE FOLLOWING FEDERAL AND STATE PERMITS HAVE BEEN ISSUED FOR THE SUBJECT PROPERTY:
EPA NOTICE OF INTENT (NOI): (NHR10012H)
NATURAL HERITAGE BUREAU (NH): (FILE #18-3821)
DIVISION OF HISTORICAL RESOURCES: (FILE #18-3821)
NHDES SUBDIVISION PERMIT: (eA2020090103)
NHDES ALTERATION OF TERRAIN PERMIT: (Aot-1854)
 - CALL DIG SAFE PRIOR TO BEGINNING WORK (1-888-344-7233)
 - ALL CONSTRUCTION SHALL CONFORM TO THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. CONSTRUCTION SHALL ALSO CONFORM TO THE TOWN OF NOTTINGHAM POLICIES AND PRACTICES, AND TOWN OF NOTTINGHAM SUBDIVISION REGULATIONS.
 - 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.
 - CONTRACTOR SHALL COORDINATE ALL TELECOMMUNICATIONS INSTALLATIONS WITH FAIRPOINT COMMUNICATIONS AT (603) 427-5525, AS APPLICABLE.
 - CONTRACTOR SHALL COORDINATE ALL CABLE INSTALLATIONS WITH ATLANTIC BROADBAND.
 - IF THE EARTHWORK IS PERFORMED DURING FREEZING WEATHER, EXPOSED SUBGRADES ARE SUSCEPTIBLE TO FROST. NO FILL OR UTILITIES SHALL BE PLACED ON FROZEN GROUND. THIS WILL LIKELY REQUIRE REMOVAL OF A FROZEN SOIL CRUST AT THE COMMENCEMENT OF EACH DAY'S OPERATION. THE FINAL SUBGRADE ELEVATION WOULD ALSO REQUIRE AN APPROPRIATE DEGREE OF INSULATION AGAINST FREEZING.
 - PLACEMENT OF BORROW MATERIALS SHALL BE PERFORMED IN A MANNER THAT PREVENTS LONG TERM DIFFERENTIAL SETTLEMENT. EXCESSIVELY WET MATERIALS SHALL BE STOCKPILED AND ALLOWED TO DRAIN BEFORE PLACEMENT. FROZEN MATERIAL SHALL NOT BE USED FOR CONSTRUCTION. VOIDS BETWEEN STONES AND CLUMPS OF MATERIAL SHALL BE FILLED WITH FINE MATERIALS.
 - THIS PROJECT PROPOSES 160,310 Sq. Ft. OF DISTURBANCE.



- LEGEND:**
- IRON BOUND (TBS)
 - GRANITE BOUND (TBS)
 - UTILITY POLE/GUY WIRE
 - STONE WALL
 - WETLAND LINE
 - 50' WETLAND BUFFER
 - BUILDING SETBACK LINE
 - OVERHEAD UTILITIES LINE
 - PROJECT LIMITS
 - STRAFFORD COUNTY REGISTRY OF DEEDS
 - S.C.R.D. TYP. TYPICAL FOUND PROPERTY LINE
 - FL FOUND PROPERTY LINE
 - R.O.W. RIGHT OF WAY
 - TBS TO BE SET
 - TBR TO BE REMOVED
 - PROP. PROPOSED
 - EX. EXISTING
 - E.O.P. EDGE OF PAVEMENT
 - DSYL DOUBLE SOLID YELLOW LINE
 - SSWL SINGLE SOLID WHITE LINE
 - B.C.C. BITUMINOUS CONCRETE CURB
 - G.C.C. CAST IN PLACE CONCRETE CURB



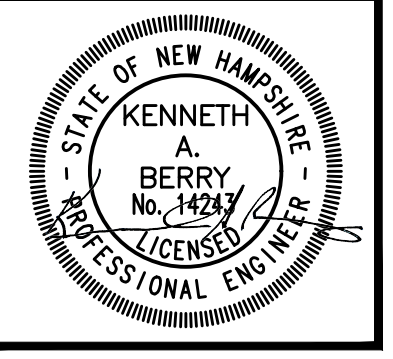
REQUESTED WAIVERS

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

REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED FOR CONDITIONS OF APPROVAL
#5	11-23-20	REVISED FOR NHDES COMMENT
#4A	8-17-20	REVISED FOR NHDOT COMMENT
#3B	6-1-20	REVISED FOR Aot RFMI

OVERVIEW SITE PLAN
 LAND OF
 DOMUS DEVELOPERS INC.
 US ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22-3

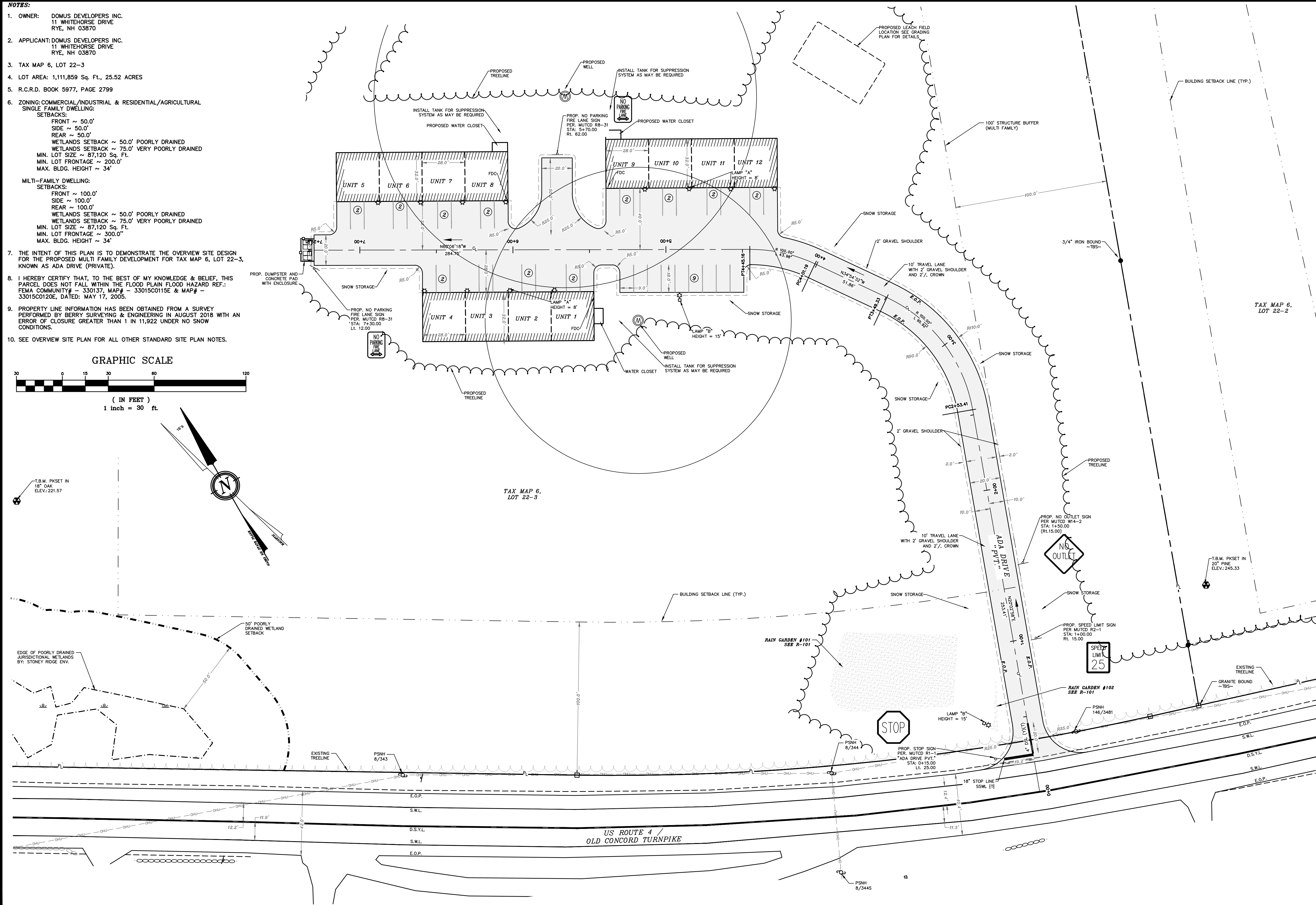
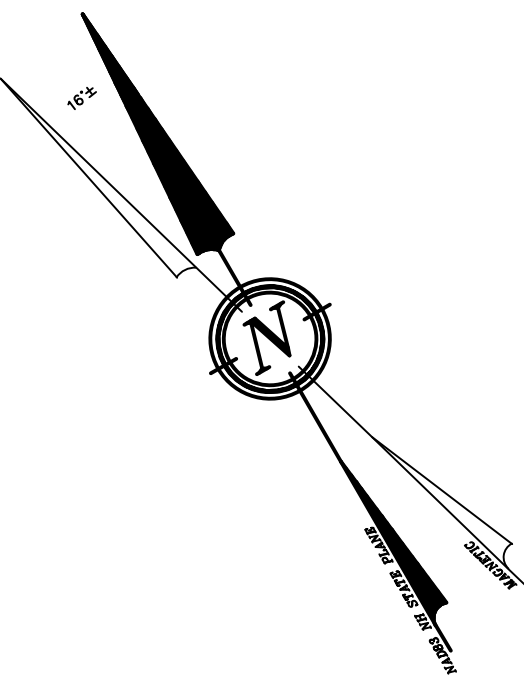
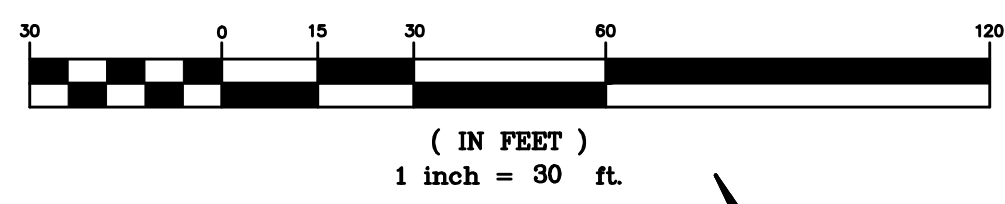
BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE: 1 IN. EQUALS 60 FT.
 DATE: JUNE 3, 2019
 FILE NO.: DB 2018 - 030



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 22-3
- LOT AREA: 1,111,859 Sq. Ft., 25.52 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 FOR TAX MAP 6, LOT 22-3, KNOWN AS ADA DRIVE (PRIVATE).
- 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.

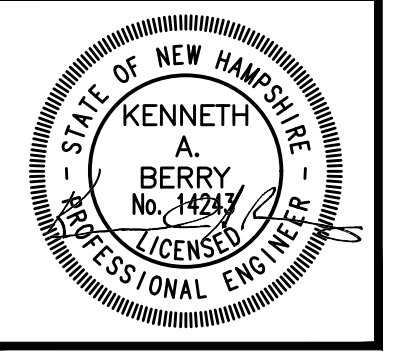
GRAPHIC SCALE



REVISION	DATE	DESCRIPTION
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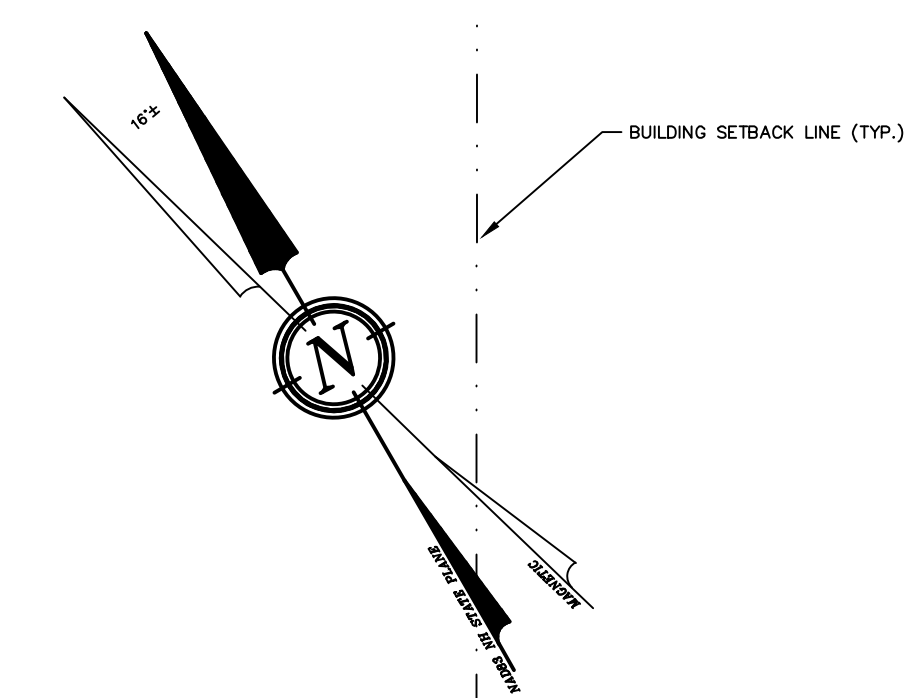
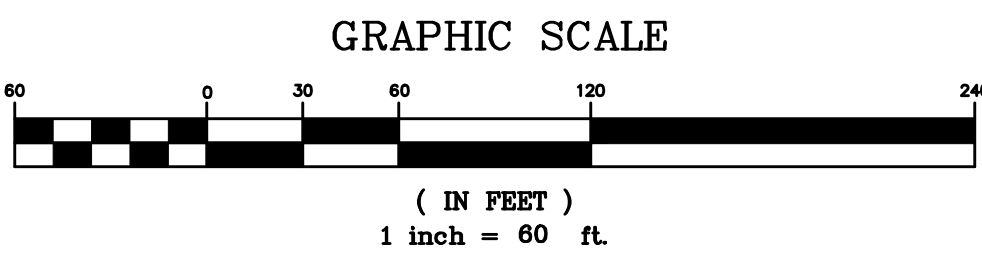
SITE PLAN ADA DRIVE
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3

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

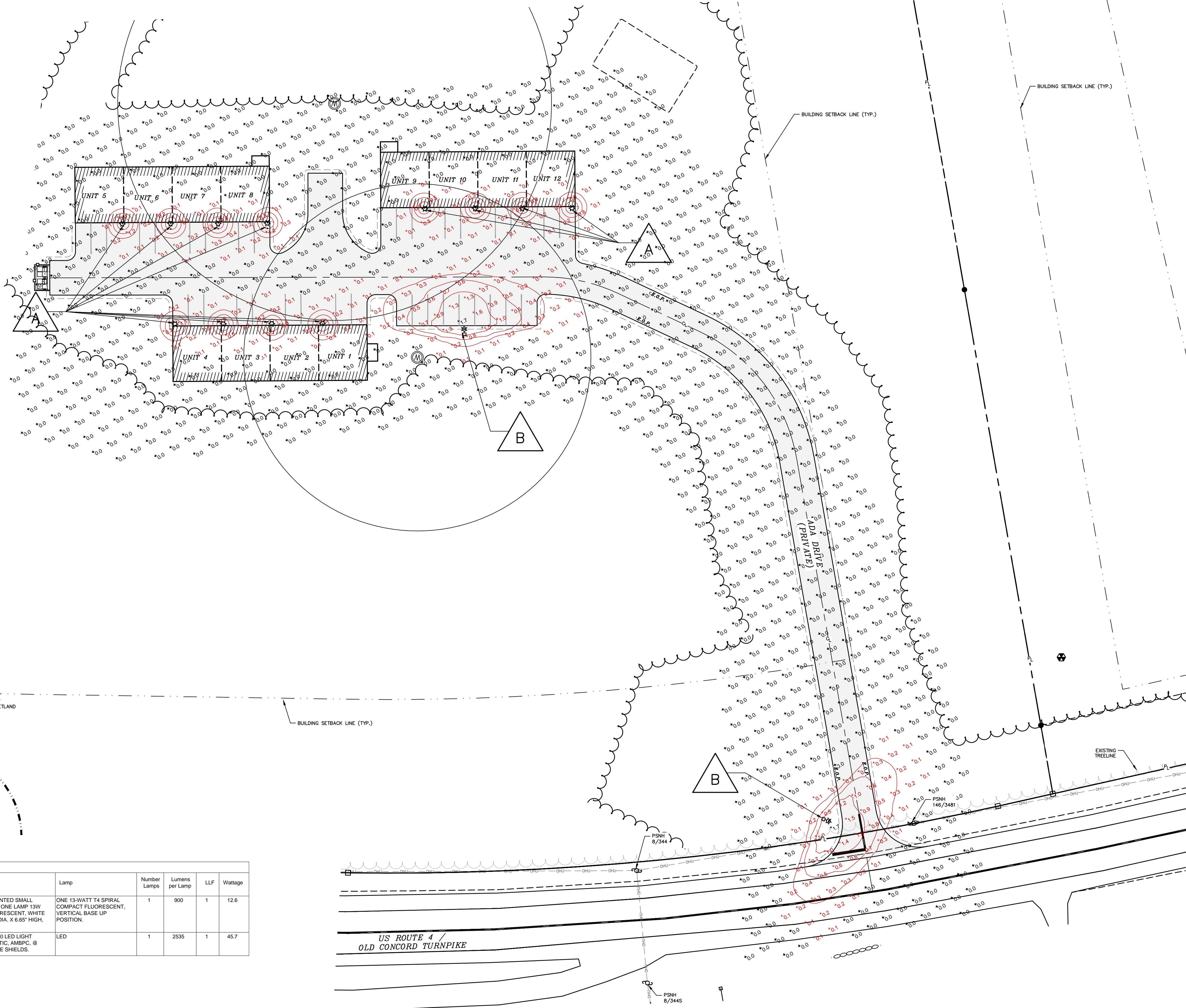
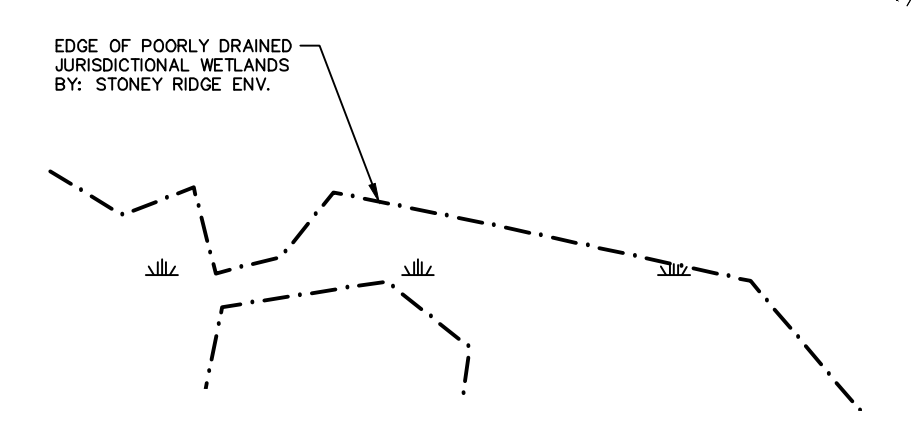


NOTES:

- OWNER: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
- APPLICANT: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
- TAX MAP 6, LOT 22-3
- LOT AREA: 1,111,859 Sq. Ft., 25.52 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 ADA DRIVE.
- ALL LAMPS ARE SHOWN ON THE SITE PLAN WITH LOCATION, TYPE AND HEIGHT.
- SEE CONSTRUCTION DETAILS FOR PRODUCT CUT SHEETS.



T.B.M. PKSET IN 18" DIA. ELEV.: 221.57

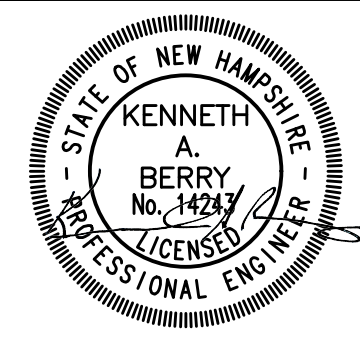


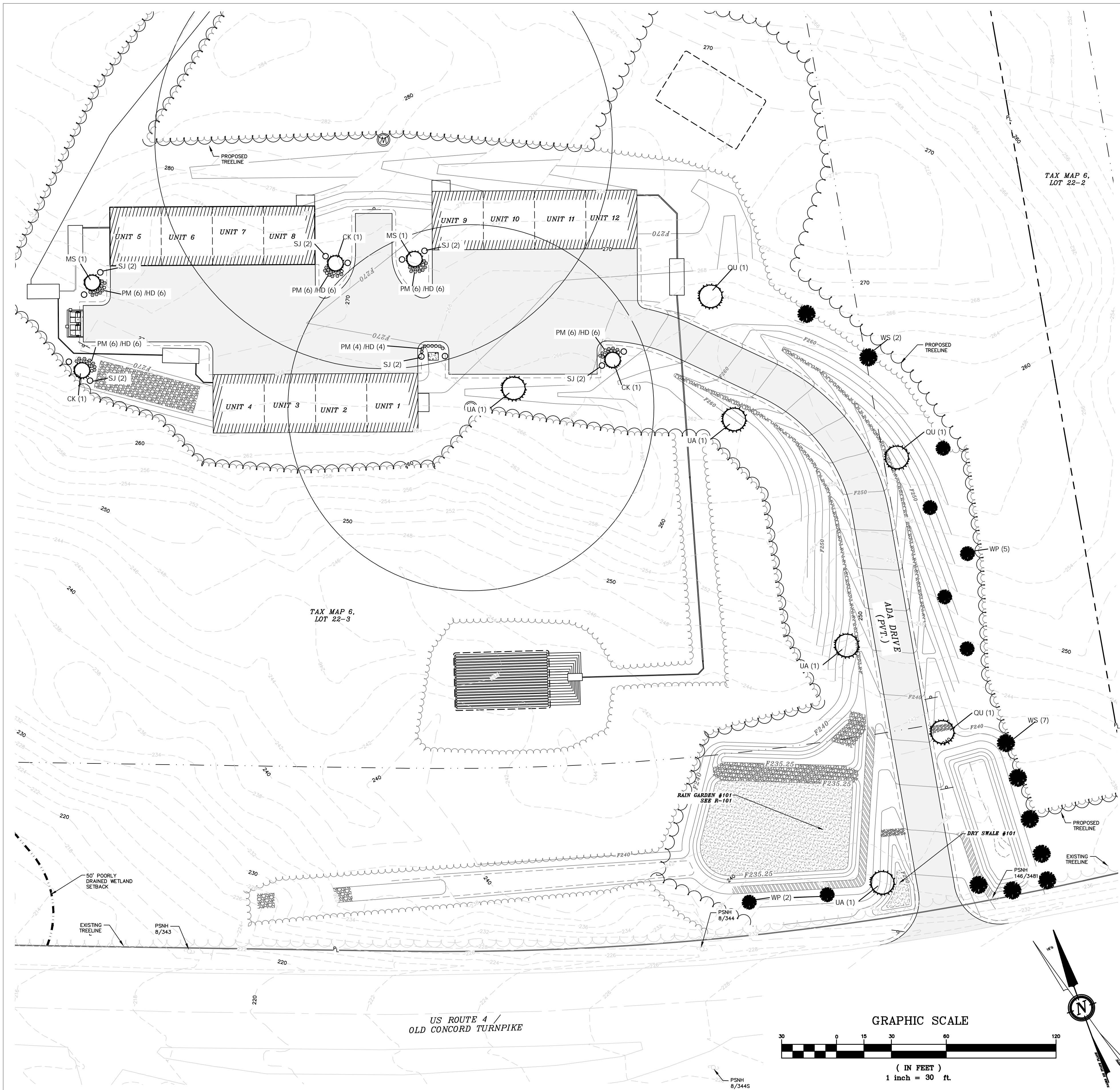
Symbol	Label	QTY	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	LLF	Wattage
	A	12	ODSL10 SRC	CRAFTSTON WALL MOUNTED SMALL DECORATIVE LANTERN, ONE LAMP 13W SPIRAL COMPACT FLUORESCENT, WHITE GLASS DIFFUSER 4.25" DIA. X 6.65" HIGH, ELECTRONIC BALLAST	ONE 13-WATT T4 SPIRAL COMPACT FLUORESCENT, 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	2635	1	45.7

REVISION	DATE	DESCRIPTION
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LIGHTING PLAN ADA DRIVE
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3

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**
- CONTRACTOR SHALL OBTAIN APPROVAL FROM L.A. PRIOR TO PURCHASING &/OR INSTALLING SUBSTITUTE PLANT MATERIAL PRIOR TO PURCHASE OF ANY SUBSTITUTE MATERIALS.
 - 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.
 - LAYOUT OF ALL PLANTING BEDS AND LOCATION OF PLANTS TO BE APPROVED BY L.A. ON SITE PRIOR TO CONSTRUCTION AND INSTALLATION.
 - CONTRACTOR TO REMOVE ALL DEBRIS GENERATED BY PLANT INSTALLATION. DEBRIS TO BE DISPOSED OF IN A LEGAL MANNER.
 - 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.
 - ALL BEDS TO BE MULCHED WITH 3" DEPTH SHREDDED BARK MULCH UNLESS NOTED OTHERWISE.
 - CONTRACTOR TO PROVIDE NECESSARY TEMPORARY IRRIGATION IF NEEDED BASED ON TIME OF YEAR THE PROJECT IS IMPLEMENTED.
 - 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**
- CONTRACTOR IS RESPONSIBLE FOR MAKING SURE ALL PLANT MATERIAL HAS ADEQUATE WATER DURING THE ESTABLISHMENT PERIOD.
 - THE USE OF GATOR BAGS, SOAKER HOSE, HAND WATERING AND OTHER TECHNIQUES SHOULD BE USED TO ASSURE PROPER HYDRATION OF THE PLANTINGS IS MAINTAINED.
 - TEMPORARY IRRIGATION SYSTEMS CAN BE SET UP TO ASSIST IN WATERING ACTIVITIES.

PLANTING SCHEDULE
Ada 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.	4	UA
Quercus / Oak	2"-2.5" Cal.	3	OU
Pinus Strobus / White Pine	2"-2.5" Cal.	7	WP
White Spruce	2"-2.5" Cal.	9	WS
Shrubs			
Spiraea japonica 'Neon Flash' / Neon Flash Spirea	#3	12	SJ
Perennials			
Hemerocallis 'Big Time Happy' / Big Time Happy Daylily	#1	34	HD
Hemerocallis 'Pardon Me' / Pardon Me Daylily	#1	34	PM



- General Plant Maintenance Guide**
- General Plant Bed Maintenance:**
- All plant maintenance should be performed by a qualified horticulturist 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 may be 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 may be 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.

www.terrainplanning.com 311 kast hill road hopkinton nh 03229 T:603-491-2322



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

U.S. ROUTE 4
"ADA DRIVE"

Site Location:
U.S. ROUTE 4
NOTTINGHAM, NH
Tax Map: 6
Lot: 22-3

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

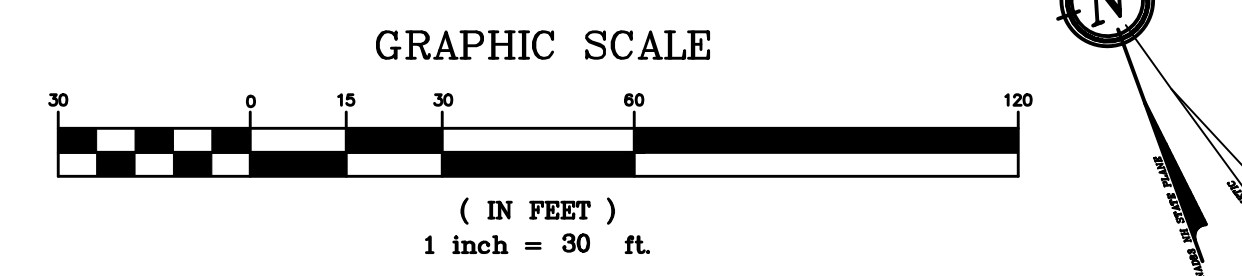
Checked By: ERB

REVISIONS: DATE:
Issued for Client Review

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SHEET 11 OF 36



STANDARD CONSTRUCTION NOTES:

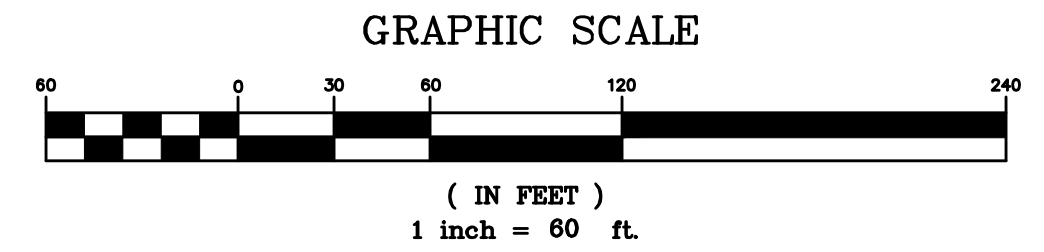
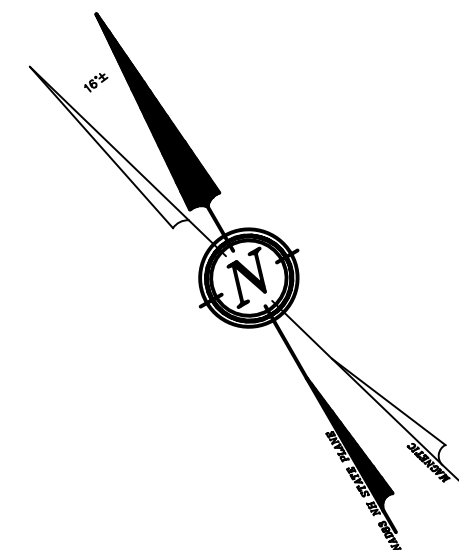
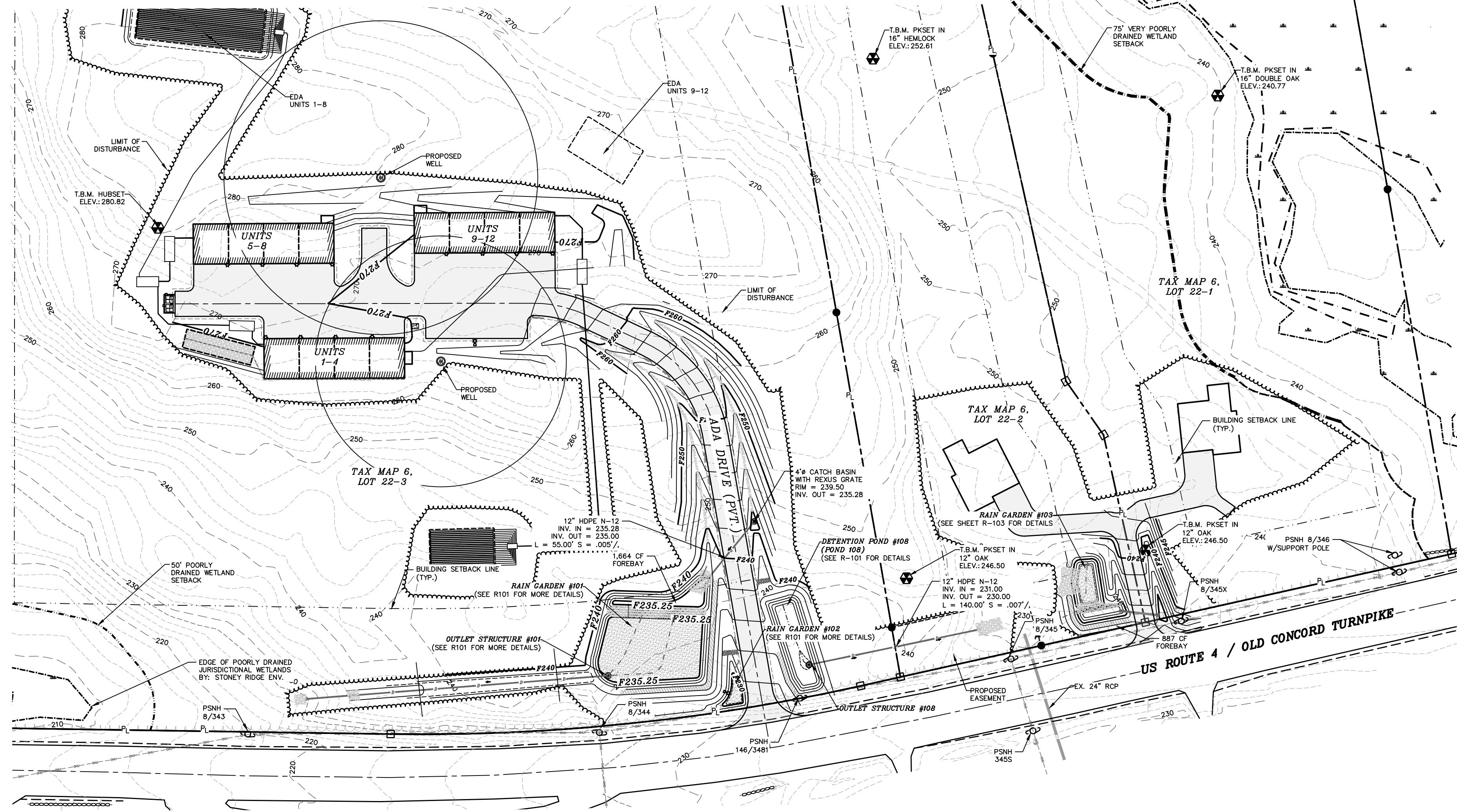
- 1.) OWNER: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
- 1A.) APPLICANT: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
- 2.) TAX MAP 6, LOT 22-3
- 3.) LOT AREA: 1,111,859 Sq. Ft., 25.52 ACRES
- 4.) R.C.R.D. BOOK 5977, PAGE 2799
- 5.) THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAIL OF ADA 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 THROUGHOUT THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP AND EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE TOWN.
- 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.

STANDARD CONSTRUCTION NOTES CONT.:

- 22.) CONTRACTOR SHALL COORDINATE ALL CABLE AND TELECOMMUNICATIONS INSTALLATIONS WITH COMCAST.
- 23.) ALL NEW ON-SITE UTILITIES SHALL BE INSTALLED UNDERGROUND WITH THE EXCEPTION OF ONE DROP POLE.
- 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 [1] SHALL BE THERMOPLASTIC
- 27.) 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.
- 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 ENGINEER'S SPECIFIC RECOMMENDED CRITERIA.
- 29.) IF THE EARTHWORK IS PERFORMED DURING FREEZING WEATHER (NOT ALLOWED IN TOWN OR STATE 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 F2648. (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.:

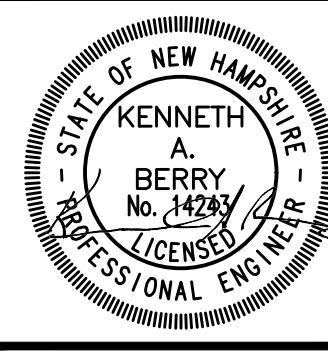
- 40.) BUILDING ADDRESSES SHALL BE DETERMINED BY THE BUILDING OFFICIAL.
- 41.) THE FOLLOWING FEDERAL AND STATE PERMITS HAVE BEEN ISSUED FOR THE SUBJECT PROPERTY: NHDES SUBDIVISION PERMIT: (PENDING) NHDES ALTERATION OF TERRAIN PERMIT: (PENDING) EPA NOTICE OF INTENT (NOI): (PENDING)
- 42.) WRITTEN DIMENSION 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 160,310 Sq. Ft. OF DISTURBANCE.
- 45.) ANY UTILITY WORK WITHIN THE NHDOT RIGHT OF WAY WILL REQUIRE AN EXCAVATION PERMIT.



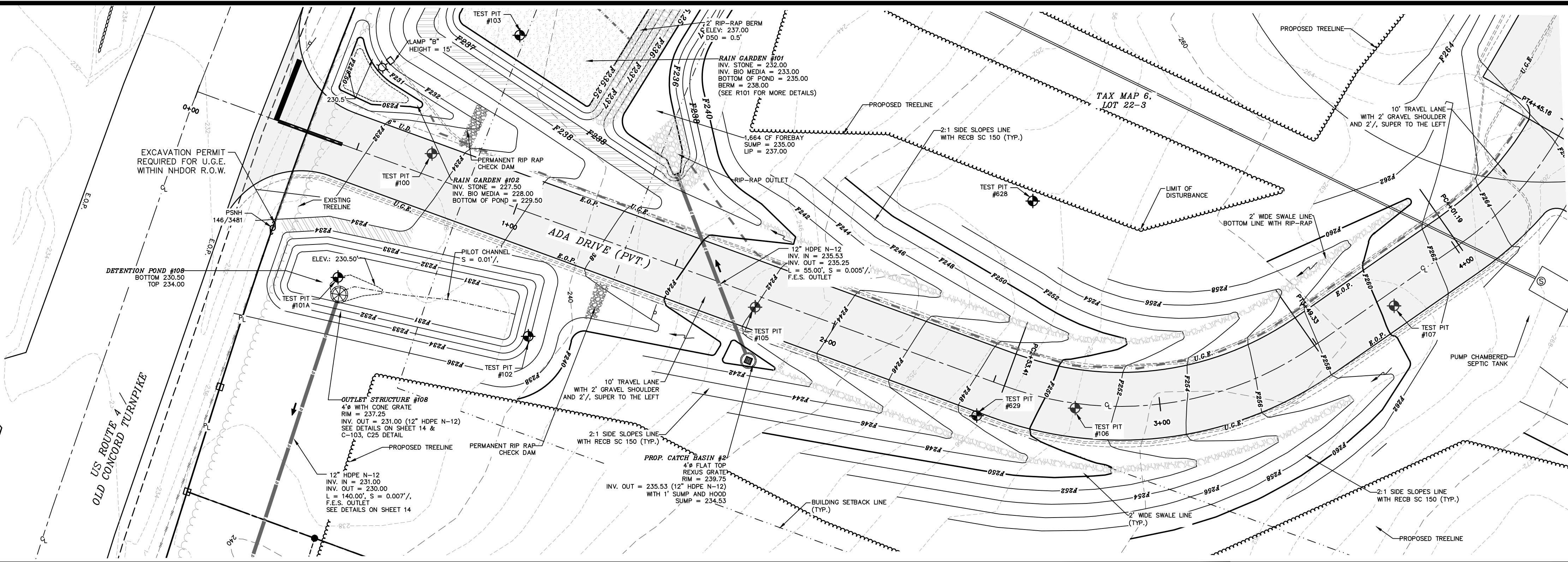
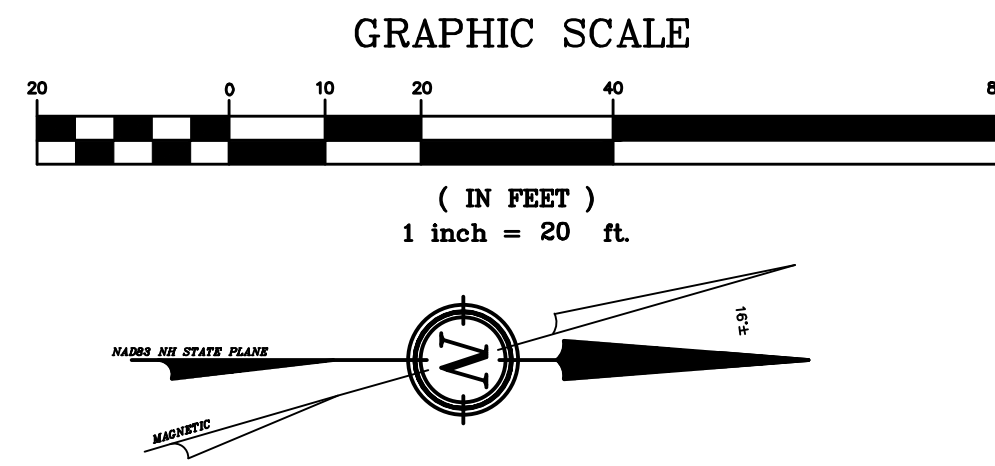
REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED FOR CONDITIONS OF APPROVAL
#5	11-23-20	REVISED FOR NHDES COMMENT
#4A	8-17-20	REVISED FOR NHDOT COMMENT
#3B	6-1-20	REVISED FOR A&T RFMI

OVERVIEW GRADING PLAN ADA DRIVE
 LAND OF
 DOMUS DEVELOPERS INC.
 US ROUTE 4 / OLD CONCORD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22-3

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

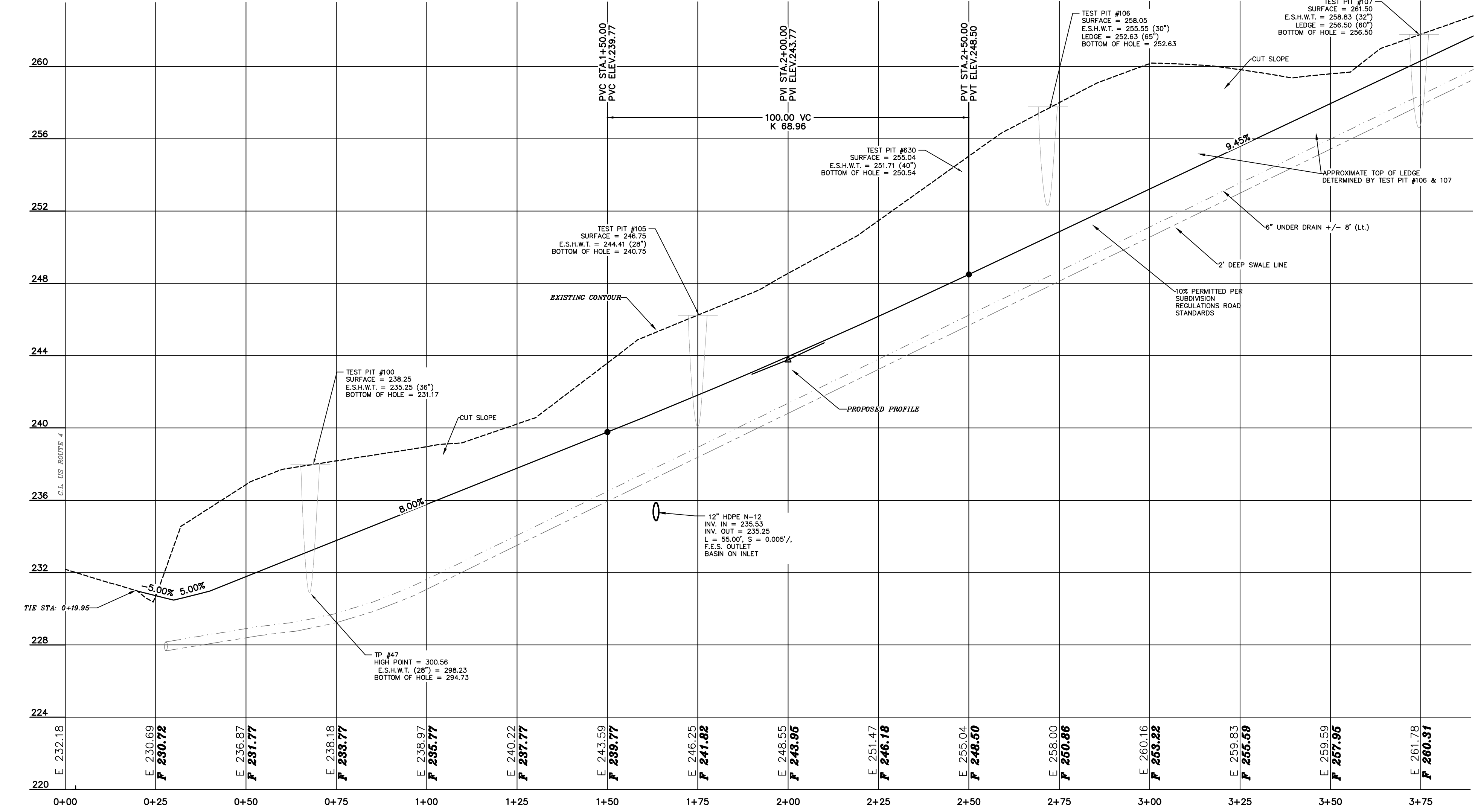
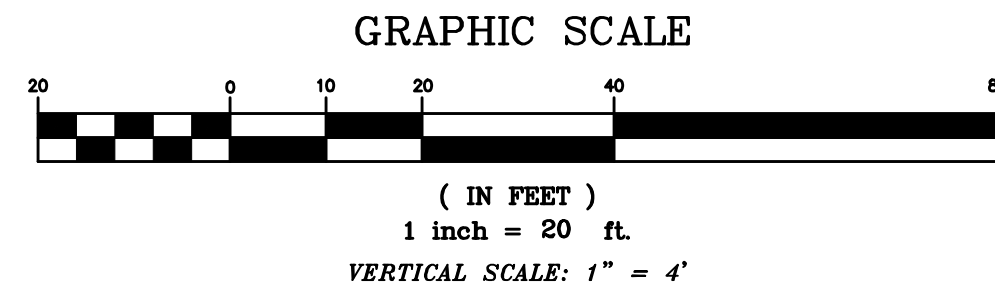


- NOTES:**
- OWNER: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
 - APPLICANT: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
 - TAX MAP 6, LOT 22-3
 - LOT AREA: 1,111,859 Sq. Ft., 25.52 ACRES
 - R.C.R.D. BOOK 5977, PAGE 2799
 - THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAIL OF ADA DRIVE.
 - SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MULCH BERM / FENCE / SILT SOCK).
 - 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.



PLAN VIEW ADA DRIVE 0+00 - 3+50

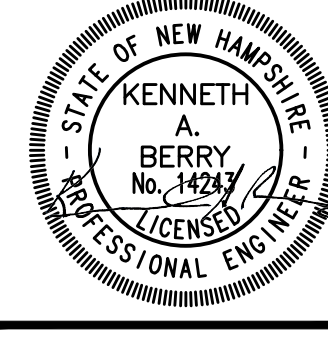
PROFILE VIEW ADA DRIVE 0+00 - 3+50

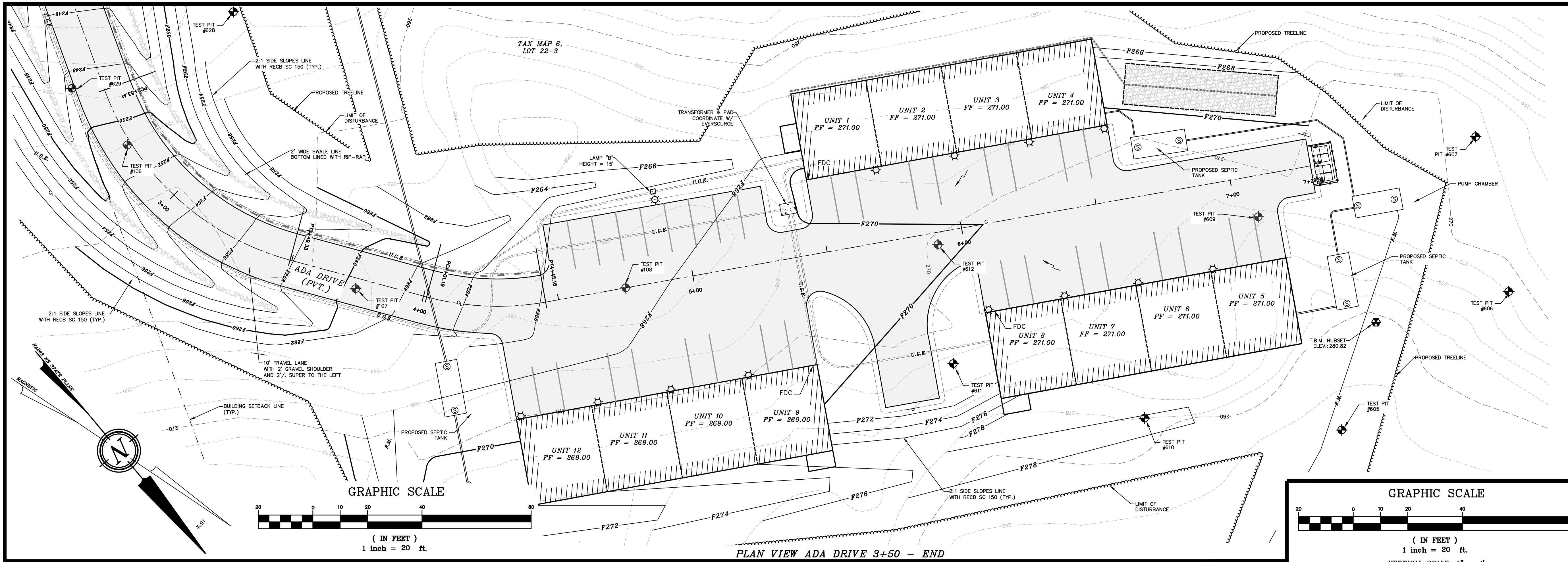


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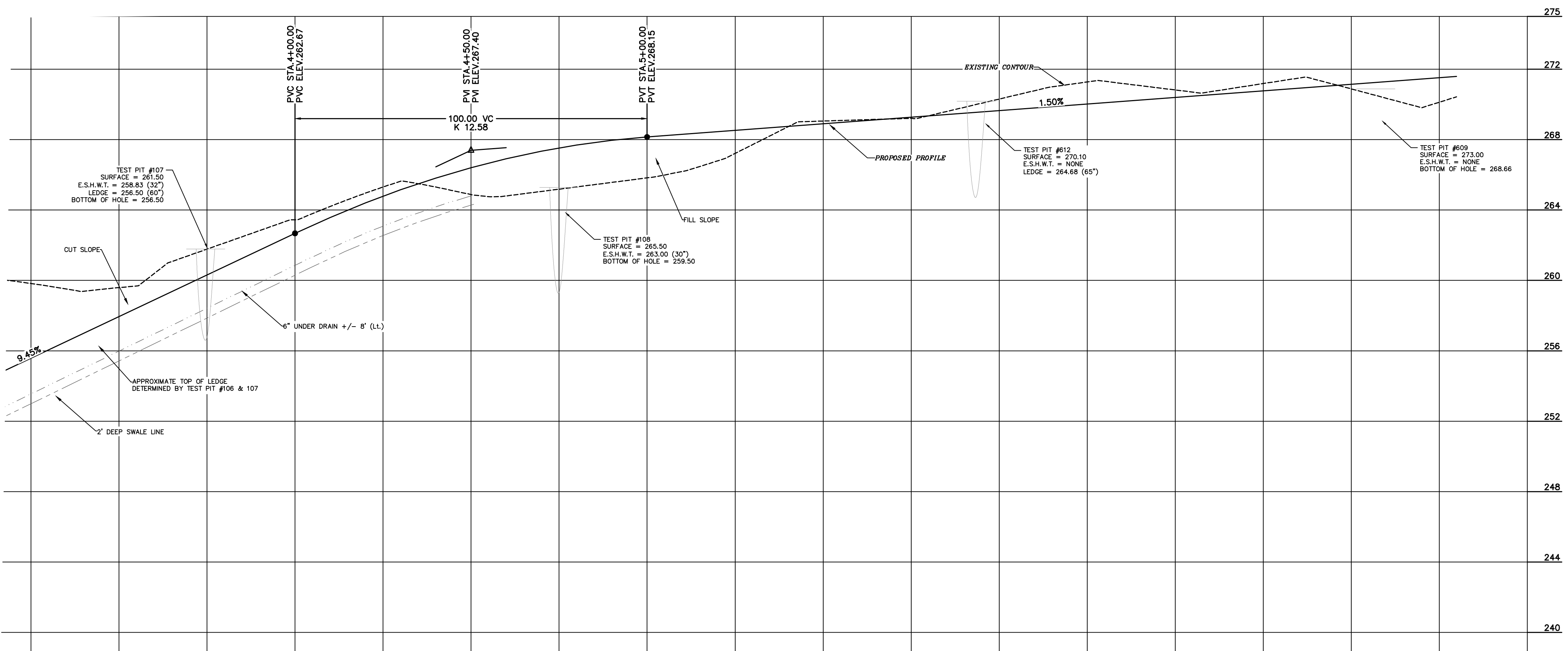
PLAN & PROFILE ADA DRIVE 0+00 TO 3+50
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3

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





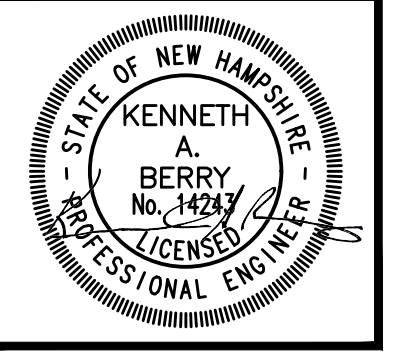
- NOTES:**
- OWNER: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
 - APPLICANT: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
 - TAX MAP 6, LOT 22-3
 - LOT AREA: 1,111,859 Sq. Ft., 25.52 ACRES
 - R.C.R.D. BOOK 5977, PAGE 2799
 - THE INTENT OF THIS PLAN IS TO PROVIDE GRADING AND ENGINEERING DETAIL OF ADA 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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#3B	6-1-20	REVISED FOR A&T RFMI

PLAN & PROFILE ADA DRIVE 3+50 TO END
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3

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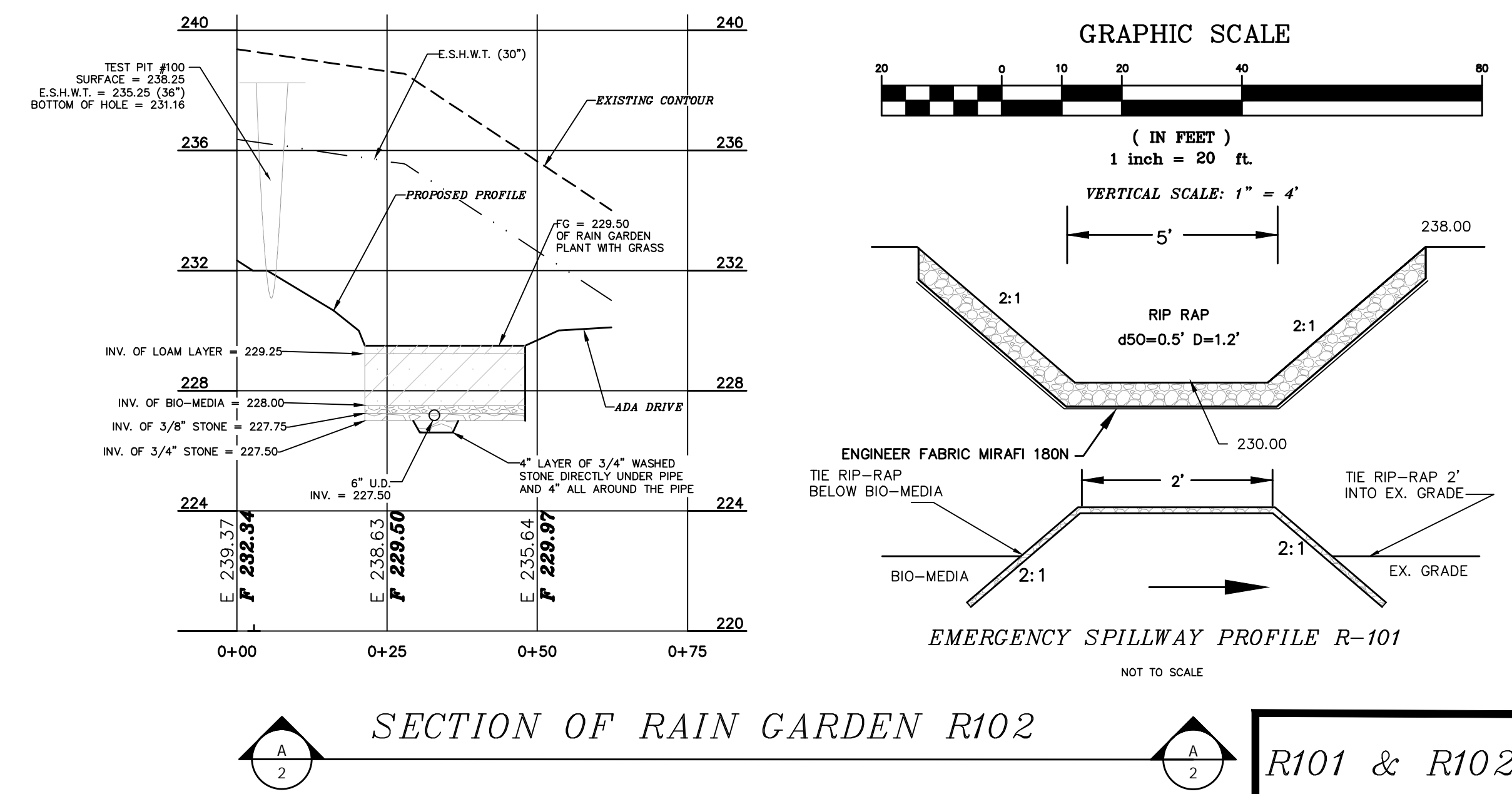
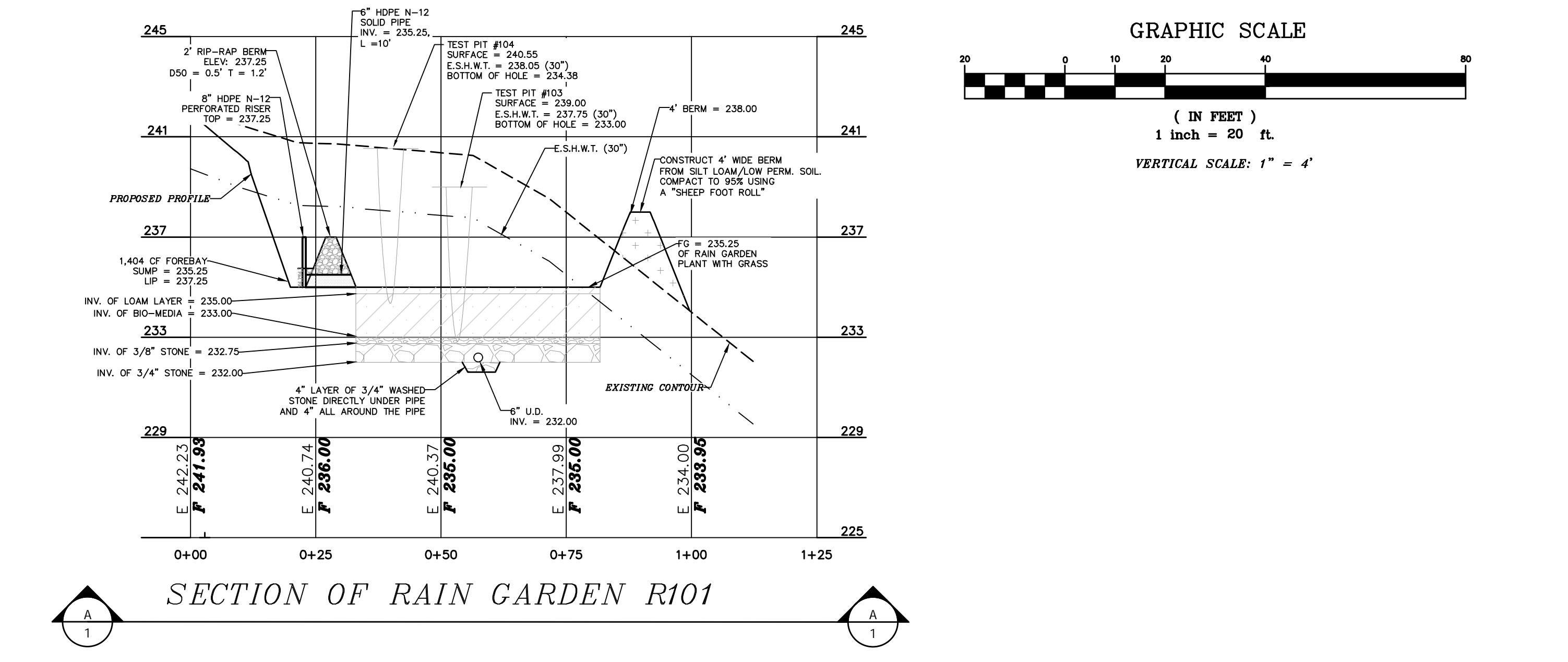
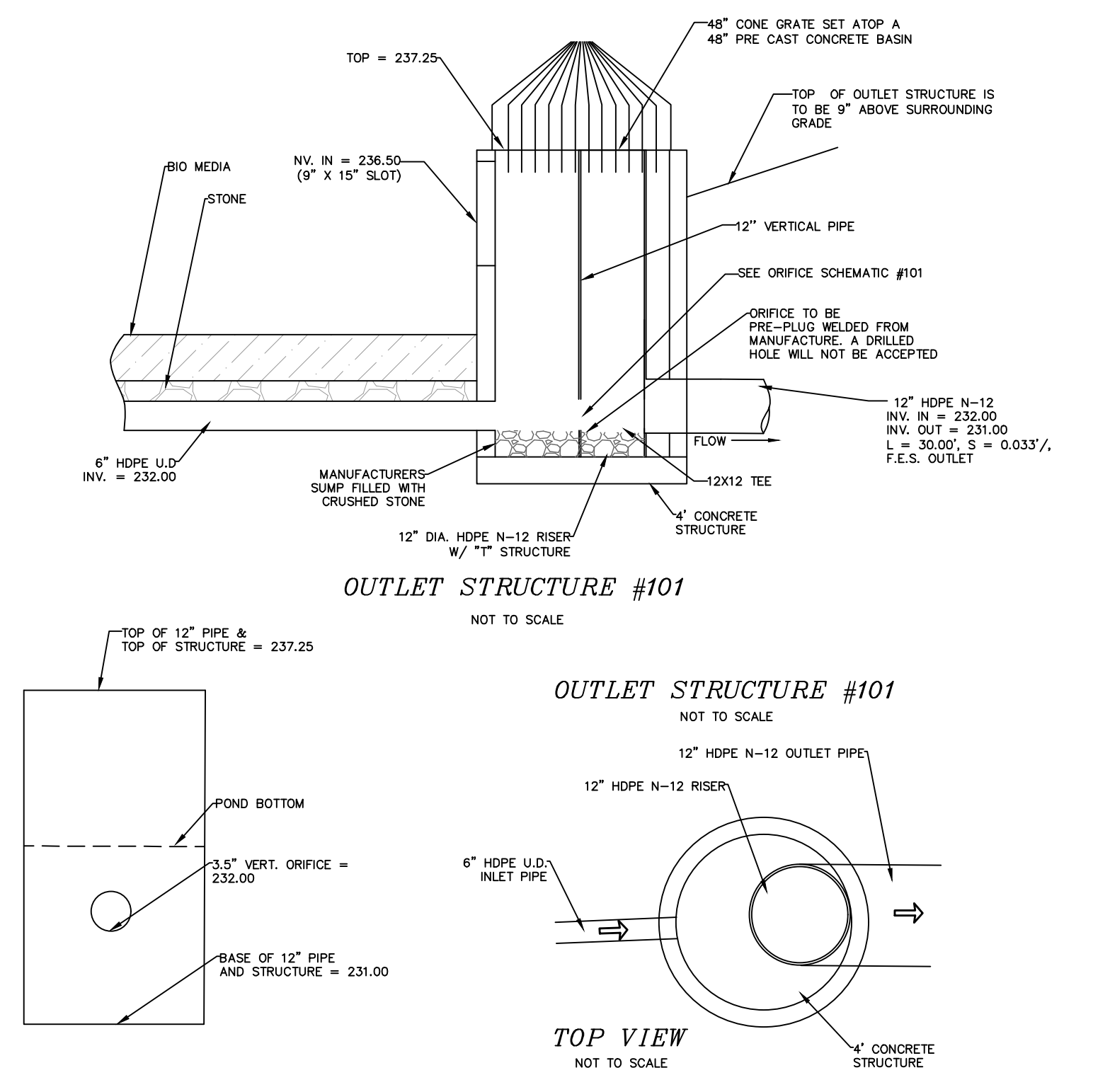
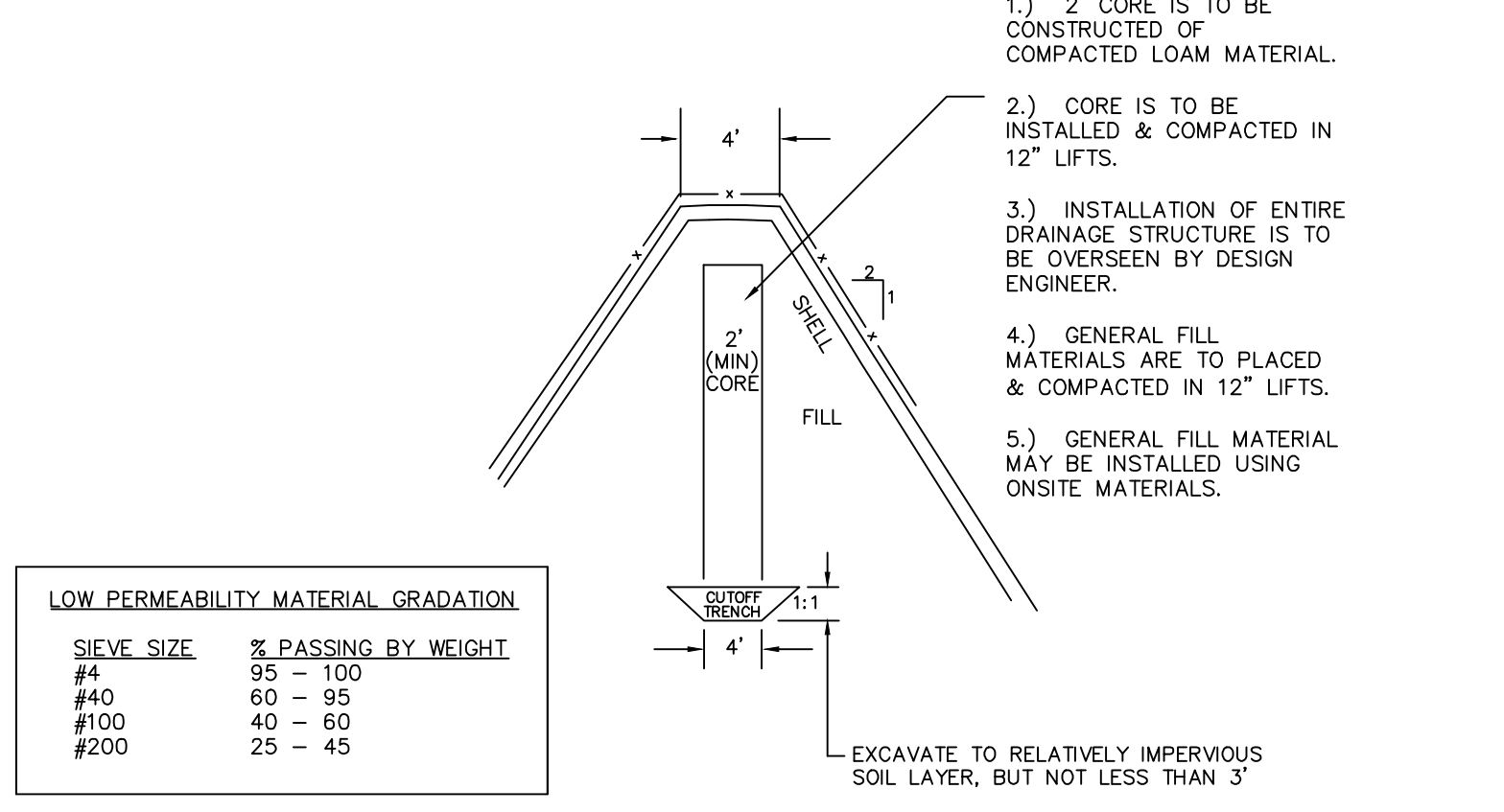
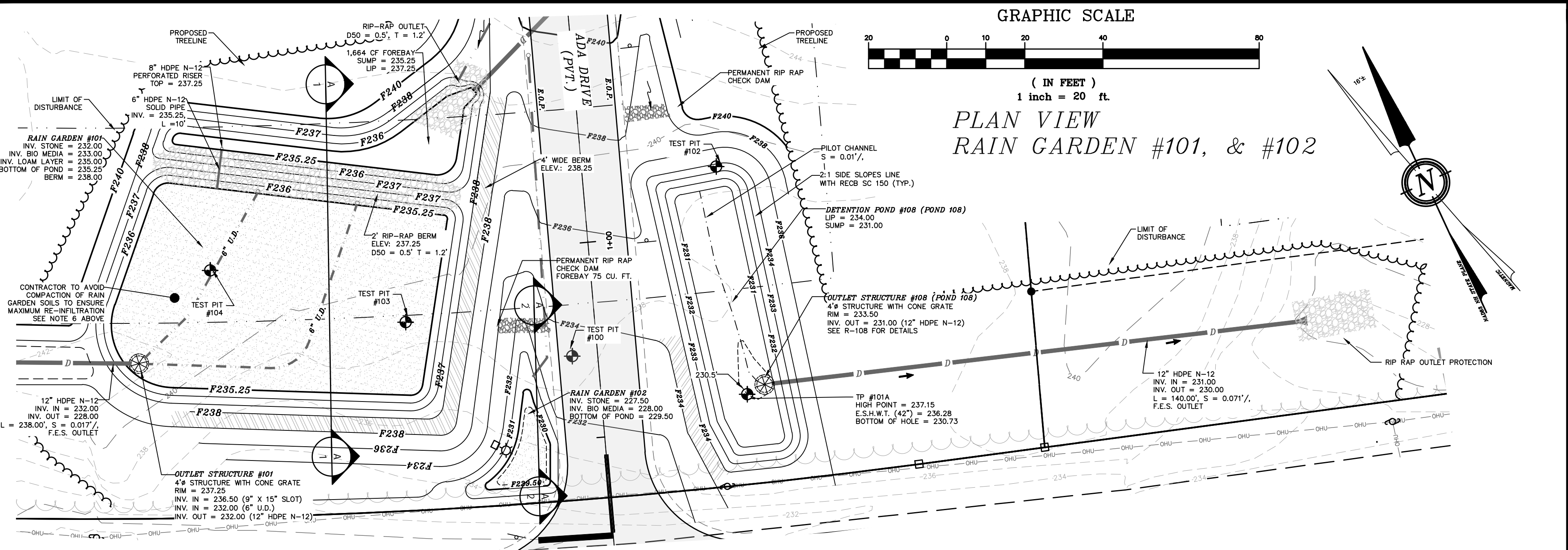
BIORETENTION FILTER MEDIA MIXTURES			
Component Material	Percent of Mixture by Volume	Gradation of material	
		Sieve No.	Percent by Weight Passing Standard Sieve
Bioretention Filter Media Option A			
ASTM C-33 concrete sand	50 to 55		
Loamy sand topsoil, with fines as indicated	20 to 30	200	15 to 25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

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

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

- 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 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 DRAINDOWN 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**
- UNH STORMWATER CENTER
 - NEW HAMPSHIRE STORMWATER MANAGEMENT MANUAL, VOLUME 2, DECEMBER 2008 AS AMENDED.

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.



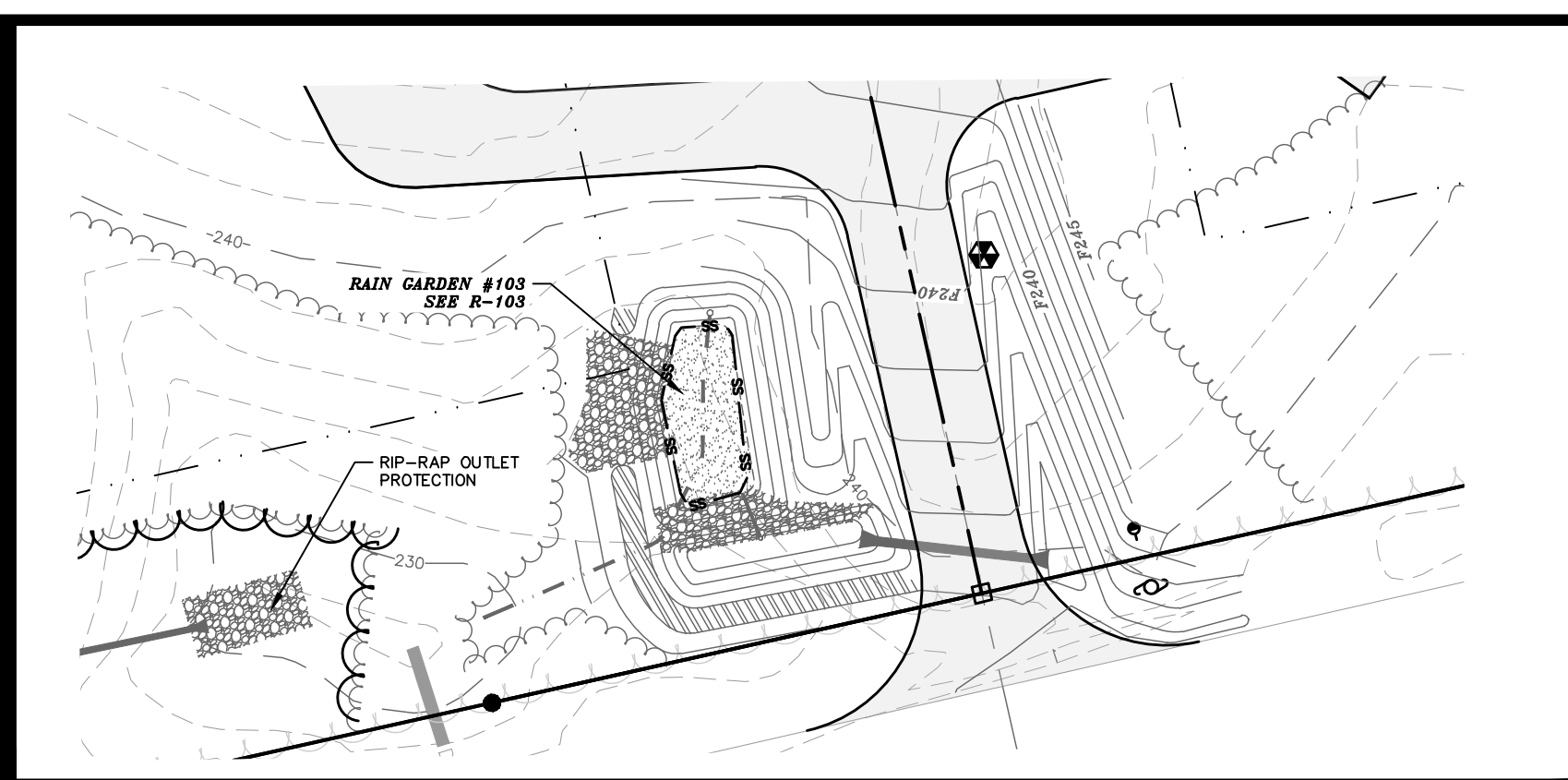
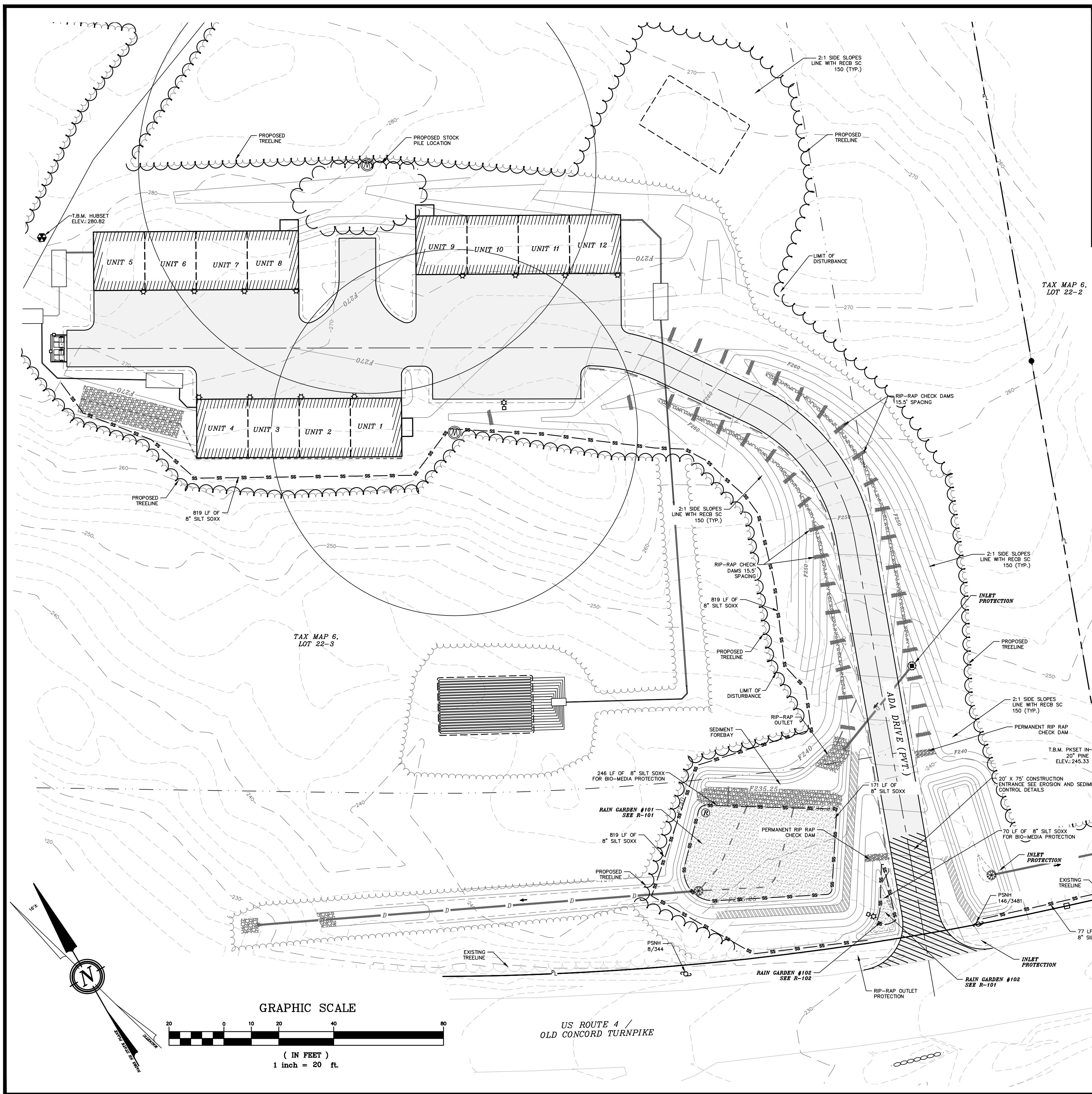
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RAIN GARDEN #101 & #102
 LAND OF
 DOMUS DEVELOPERS INC.
 US ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22-3

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

KENNETH A. BERRY
 No. 1423
 LICENSED PROFESSIONAL ENGINEER

SHEET 15 OF 36



- NOTES:**
- THE INTENT OF THIS PLAN SET IS TO DEMONSTRATE THE OVERVIEW EROSION AND SEDIMENT CONTROL PLAN FOR ADA DRIVE.
 - OWNER: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
 - APPLICANT: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
 - TAX MAP 6, LOT 22-3
 - LOT AREA: 1,111,859 Sq. Ft., 25.52 Ac
 - UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVE AND BELOW GROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ANY UTILITY CONFLICTS SHOULD BE REPORTED IMMEDIATELY TO THE DESIGN ENGINEER.
 - THE CONTRACTOR SHALL CALL AND COORDINATE WITH DIGSAFE 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY.
 - 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.
 - UPON FINAL COMPLETION AND 85% STABILIZATION, THE DRAINAGE SYSTEM IS TO BE CLEANED OF ALL DEBRIS. SEDIMENT CONTROL PRACTICES REMOVED AND DISPOSED OF PROPERLY, AND ANNUAL MAINTENANCE PERFORMED ON ALL DRAINAGE PRACTICES.
 - EROSION AND SEDIMENT CONTROL INSPECTIONS TO BE CONDUCTED ONCE PER EVERY SEVEN DAYS AND AT AN INCREASED FREQUENCY INCLUDING WITHIN 24-HOURS OF A 0.25 INCH RAIN EVENT. INSPECTIONS TO BE CONDUCTED BY A "QUALIFIED PERSON" AS DEFINED BY EPA CGP 4.1.1 AND INSPECTION REPORTS SUBMITTED TO THE TOWN OF NOTTINGHAM, NH, ENGINEERING DEPARTMENT WITHIN 24 HOURS IN ACCORDANCE WITH CGP 4.1.7 AND MAINTAINED BY THE OWNER FOR A PERIOD OF THREE YEARS AFTER THE NOTICE OF TERMINATION (NOT) IS SUBMITTED.
 - SILT FENCE MAY BE SUBSTITUTED WITH FILTREXX SILT SOXX OR EROSION CONTROL MIX BERM. SILT FENCE IS NOT A SUBSTITUTE FOR FILTREXX SILT SOXX OR APPROVED EQUAL. HOWEVER, CONTRACTOR MAY SUBSTITUTE ORANGE SAFETY SILT FENCE FOR THE PERIMETER PROTECTION.
 - PER EPA CGP 2.1.2.2 (INSTALL PERIMETER CONTROL), "YOU MUST INSTALL SEDIMENT CONTROLS ALONG THOSE PERIMETER AREAS OF YOUR SITE THAT WILL RECEIVE STORMWATER FROM EARTH DISTURBING ACTIVITIES." AS A RESULT OF SWPPP INSPECTIONS, THE CONTRACTOR MAY HAVE TO EXPAND PERIMETER CONTROLS TO MEET THIS REQUIREMENT. THE EROSION PLAN IS INITIAL GUARANTEE AS TO THE ANTICIPATED REQUIREMENTS AND IT THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT STORMWATER VIOLATION DO NOT OCCUR.
 - THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION ENTRANCE. ONCE THE ROADWAY IS PAVED THE CONTRATOR IS RESPONSIBLE FOR SWEEPING THE ROADWAY.

256B	CHATFIELD	CANTON COMPLEX	K= 0.20
256C	CHATFIELD	CANTON COMPLEX	K= 0.20
256D	CHATFIELD	CANTON COMPLEX	K= 0.20
256E	CHATFIELD	CANTON COMPLEX	K= 0.20
256F	CHATFIELD	CANTON COMPLEX	K= 0.20
44A	MONTAUK	FINE SANDY LOAM	K= 0.24
44B	MONTAUK	FINE SANDY LOAM	K= 0.24
44C	MONTAUK	FINE SANDY LOAM	K= 0.20
44D	MONTAUK	FINE SANDY LOAM	K= 0.20
44E	MONTAUK	FINE SANDY LOAM	K= 0.20
44A	SCITUATE	FINE SANDY LOAM	K= 0.24
44B	SCITUATE	FINE SANDY LOAM	K= 0.24
44C	SCITUATE	FINE SANDY LOAM	K= 0.17
44D	SCITUATE	FINE SANDY LOAM	K= 0.17
44E	SCITUATE	FINE SANDY LOAM	K= 0.17
51A	LEICESTER	FINE SANDY LOAM	K= 0.43
51B	LEICESTER	FINE SANDY LOAM	K= 0.43
51C	LEICESTER	FINE SANDY LOAM	K= 0.43
115A	SCARBORO	FINE SANDY LOAM	K= 0.17

SEE SITE SPECIFIC SOILS MAP (SSSM)
 SEE WEBSOIL USDA-NRCS
 ERODIBILITY FACTOR - K, CPESC MANUAL, ENVIROCERT INTERNATIONAL INC. & ROCKINGHAM COUNTY SOIL SURVEY, ROCKWEB SOIL ATTRIBUTES

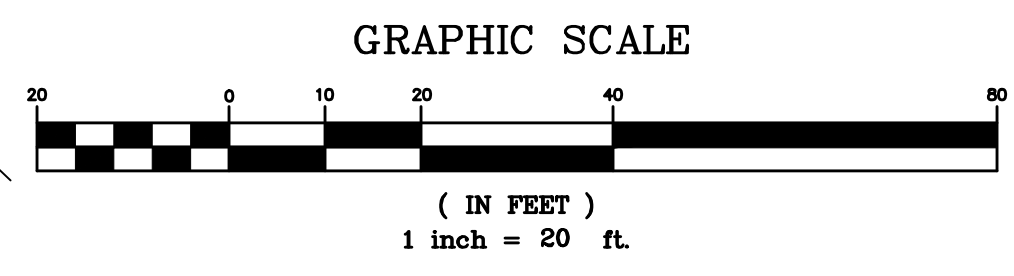
CONTRACTOR TO BE AWARE OF THE SOIL PROFILES AND ENSURE THAT PROPER EROSION PREVENTION AND SEDIMENT CONTROL MEASURES ARE TAKEN AT ALL TIMES. ANY DEWATERING REQUIREMENTS IN NEW HAMPSHIRE REQUIRE SPECIAL PROVISIONS IN ACCORDANCE WITH THE "CLARIFICATION OF SECTION 9.1.2 (STATE OF NEW HAMPSHIRE CONDITIONS)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

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

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

- LEGEND:**
- (R) RAIN GARDEN BIO-MEDIA PROTECTION
 - (P) PERIMETER CONTROL
 - (C) RESIDENTIAL/ROADWAY CONSTRUCTION
 - (FND) IRON BOUND (FND)
 - (FND) DRILL HOLE (FND)
 - (TBS) GRANITE BOUND (TBS)
 - (U) UTILITY POLE
 - (G) GUY WIRE
 - (B) BENCHMARK

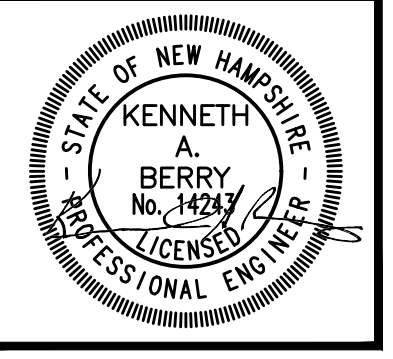
- POORLY DRAINED WETLAND LINE
- VERY POORLY DRAINED WETLAND LINE
- WETLAND SETBACK 50' TO POORLY DRAINED
- WETLAND SETBACK 75' TO VERY POORLY DRAINED
- ORANGE CONSTRUCTION FENCE
- SILT FENCE
- FILTREXX SILT SOXX
- TREE LINE

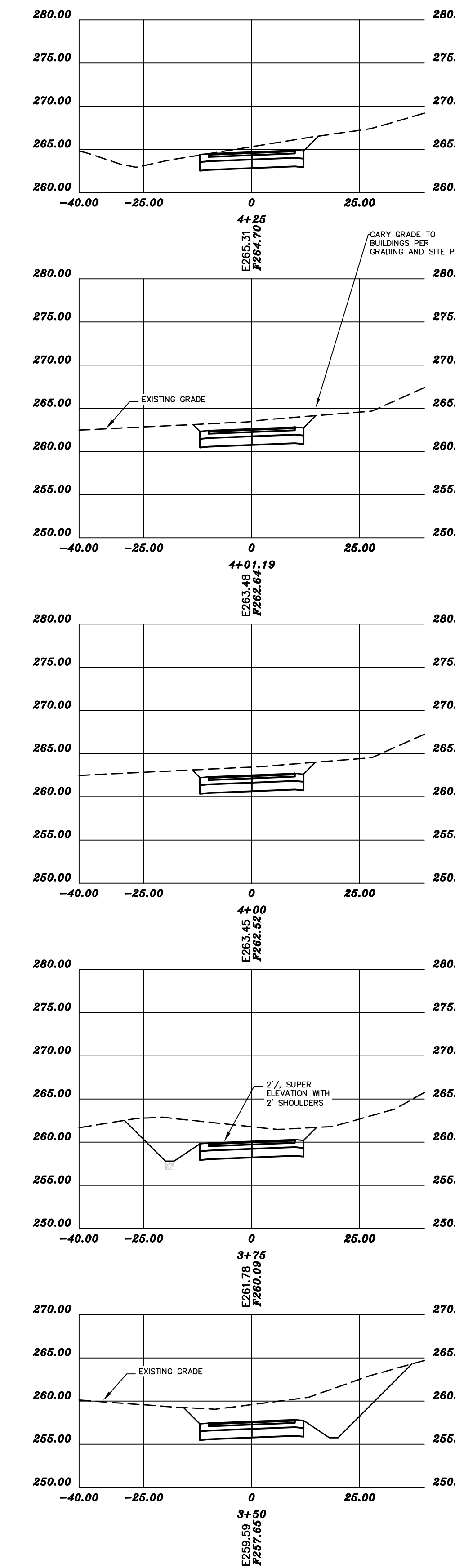
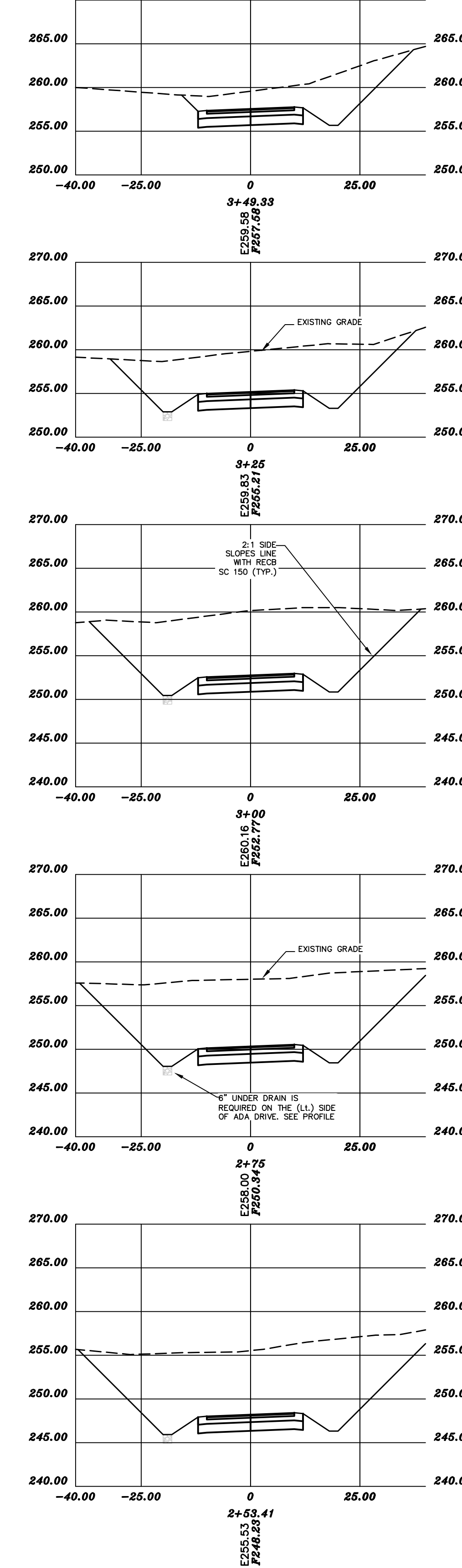
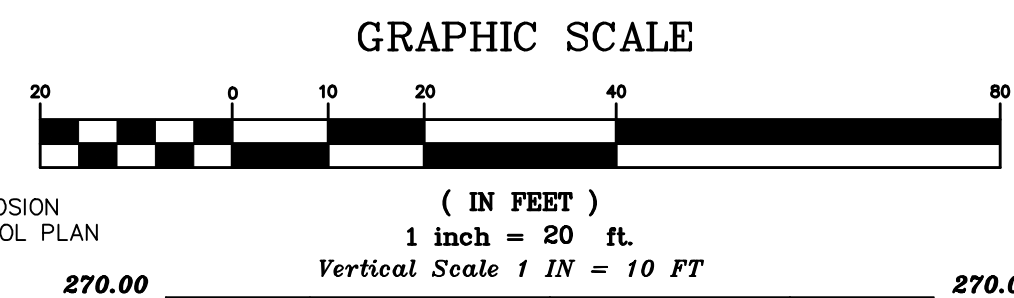
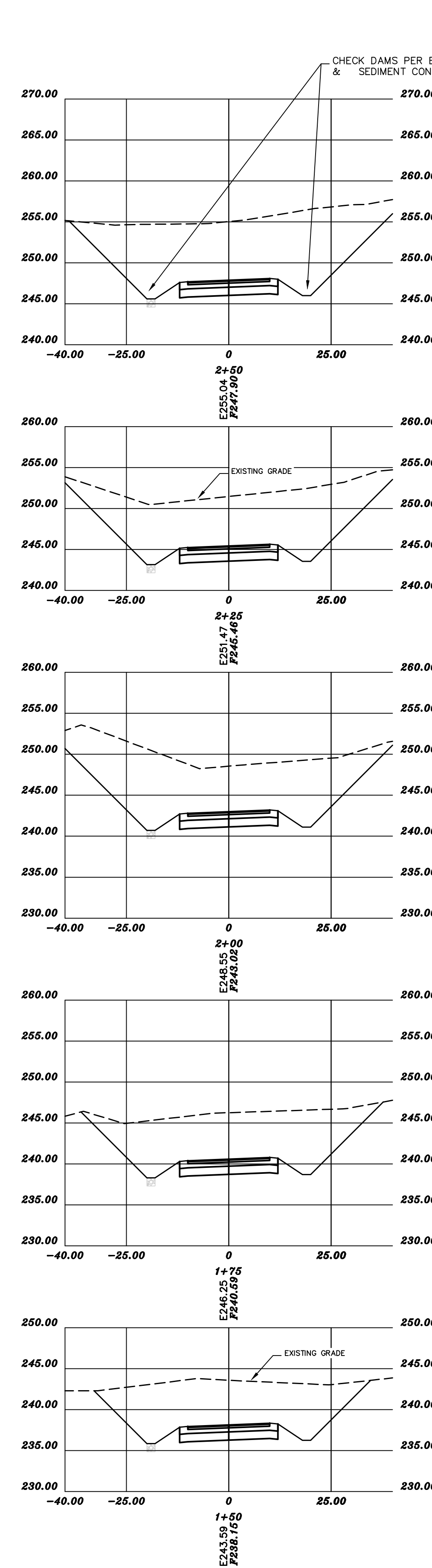
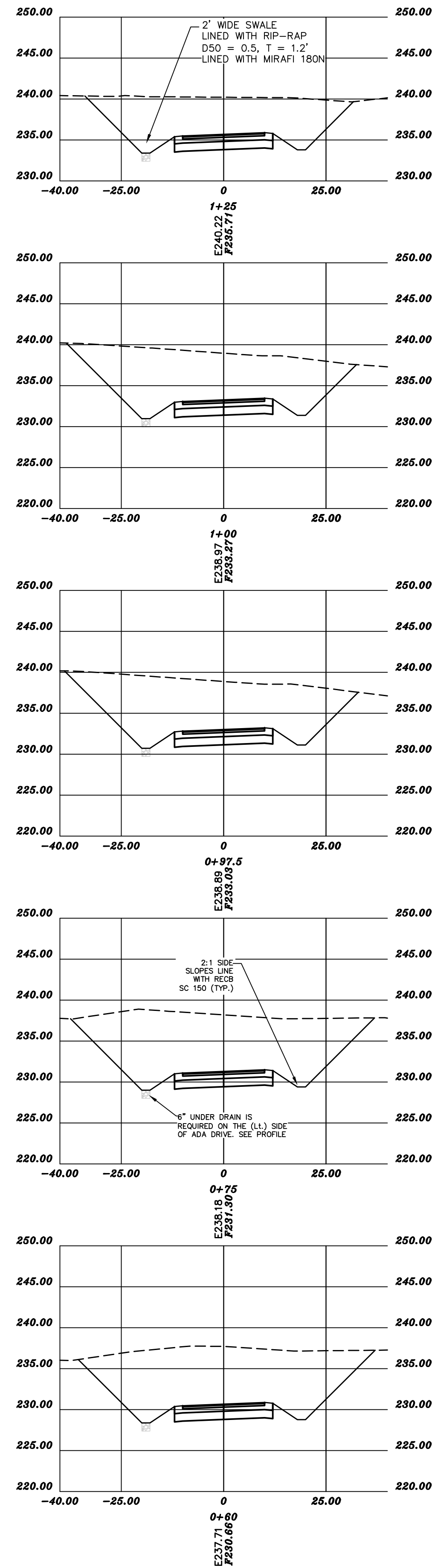
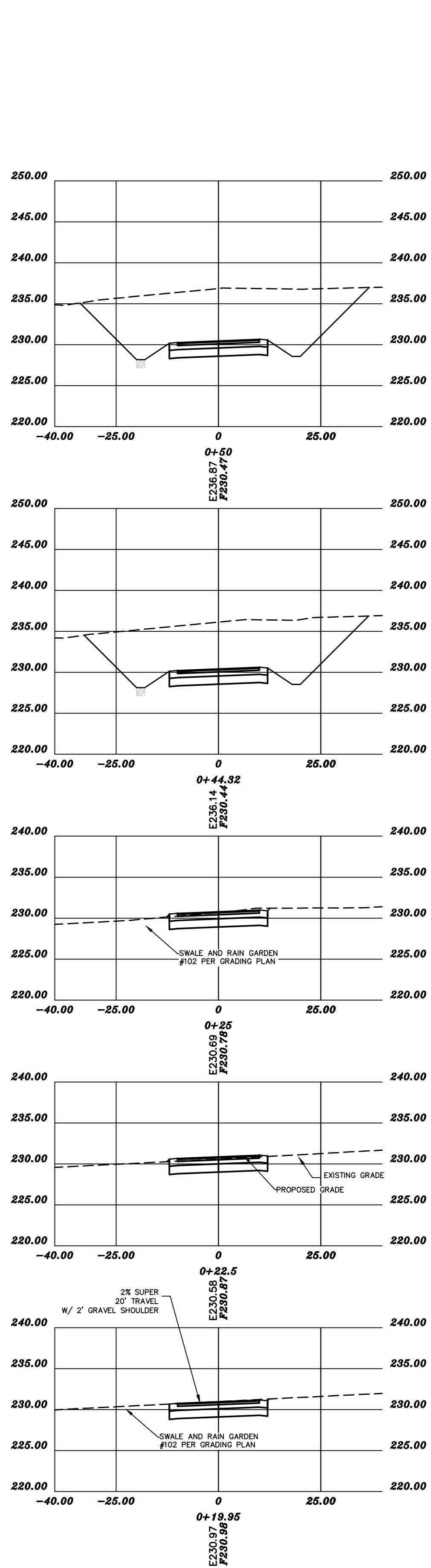


REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED FOR CONDITIONS OF APPROVAL
#5	11-23-20	REVISED FOR NHDES COMMENT
#4A	8-17-20	REVISED FOR NHDOT COMMENT
#3B	6-1-20	REVISED FOR A&T RFMI

EROSION AND SEDIMENT CONTROL PLAN ADA DRIVE
 LAND OF
 DOMUS DEVELOPERS INC.
 US ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22-3

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



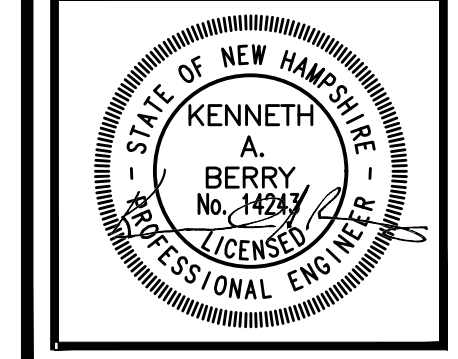


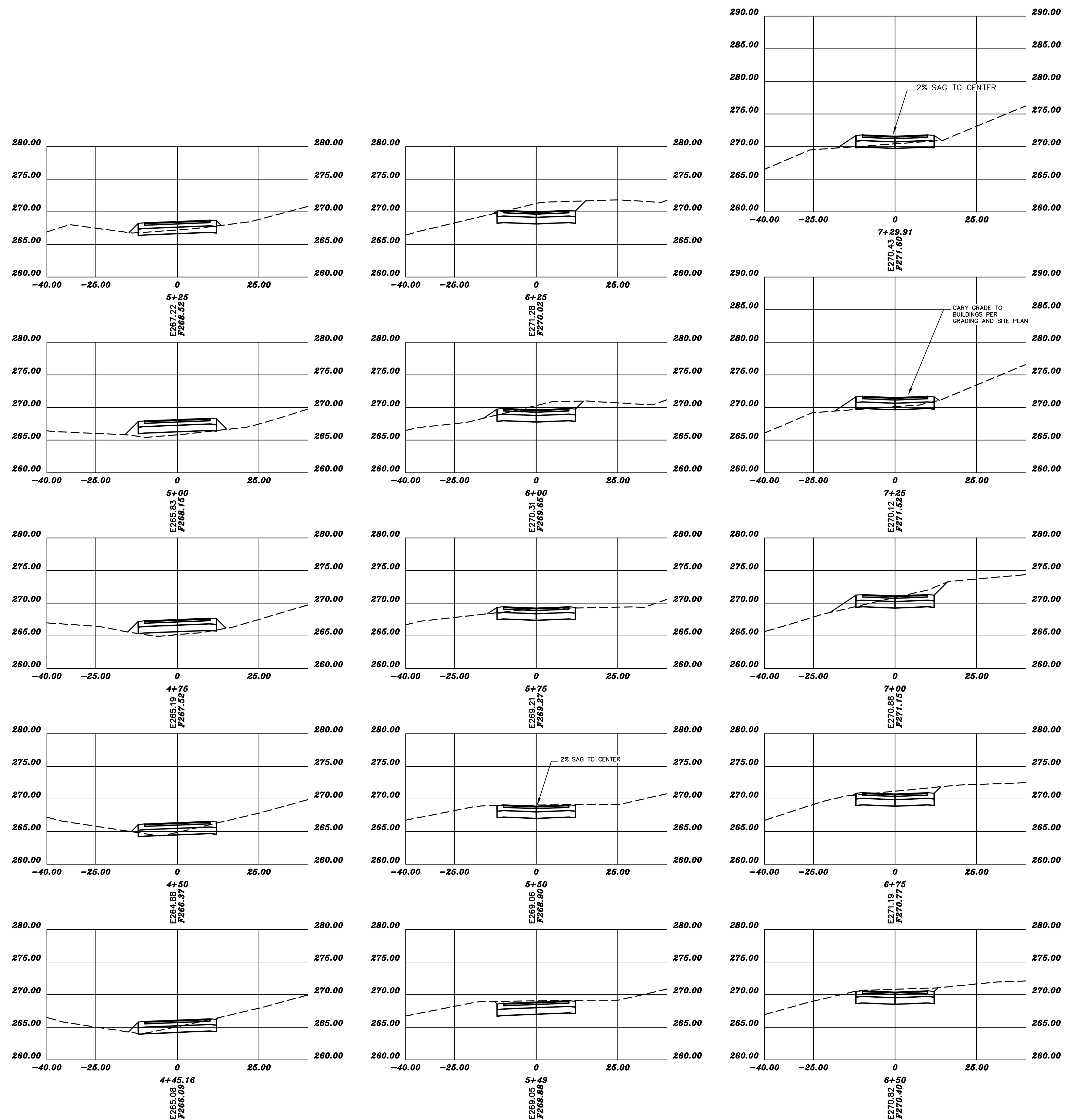
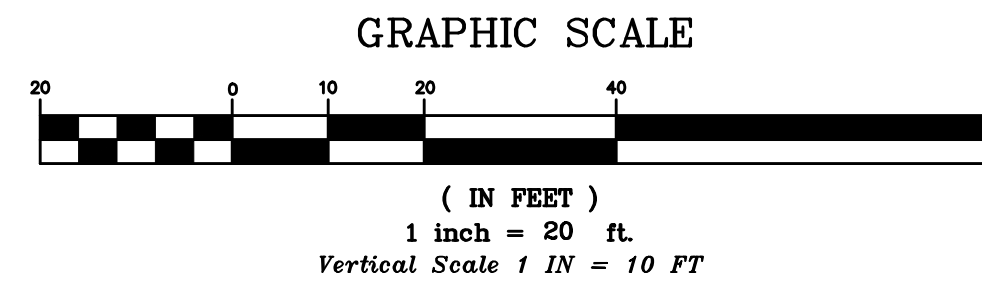
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CROSS SECTIONS ADA DRIVE 0+19.95 - 4+25

LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3

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



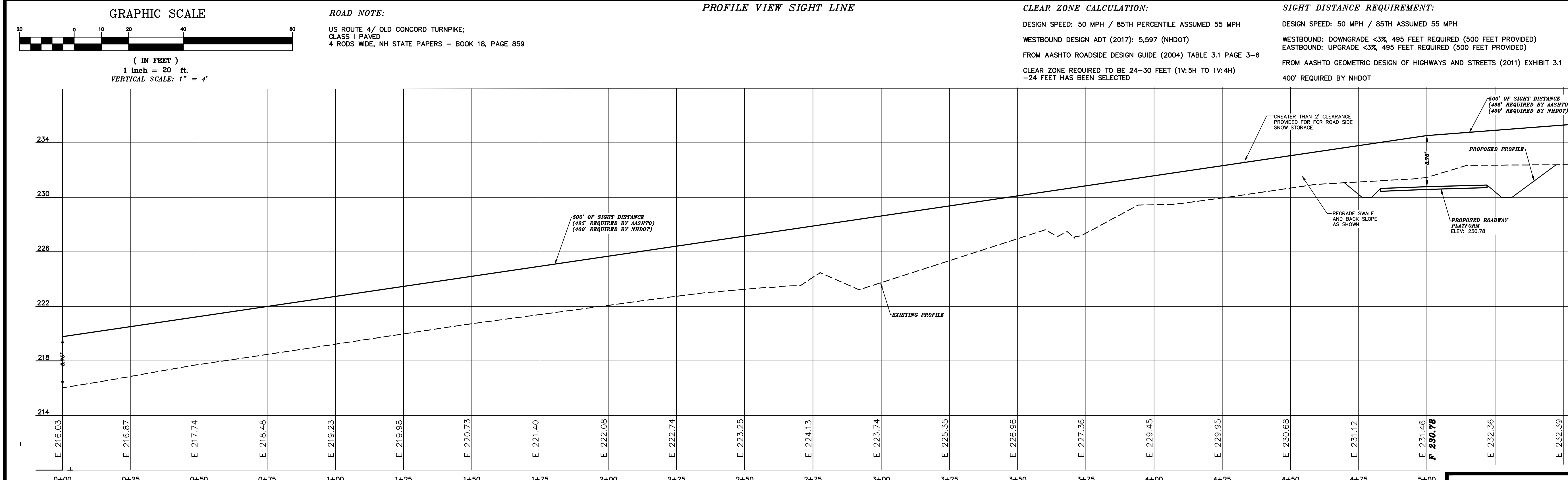
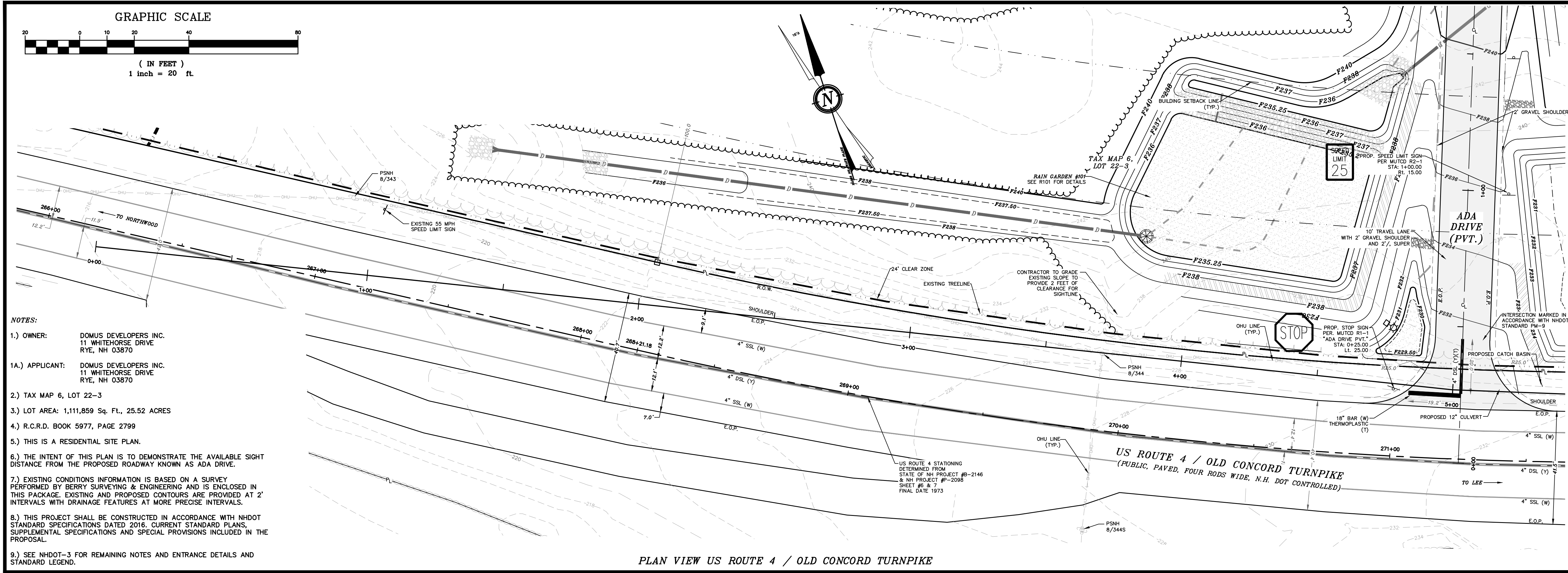


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CROSS SECTIONS ADA DRIVE 4+25 - END

LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : 1 IN. EQUALS 20 FT.
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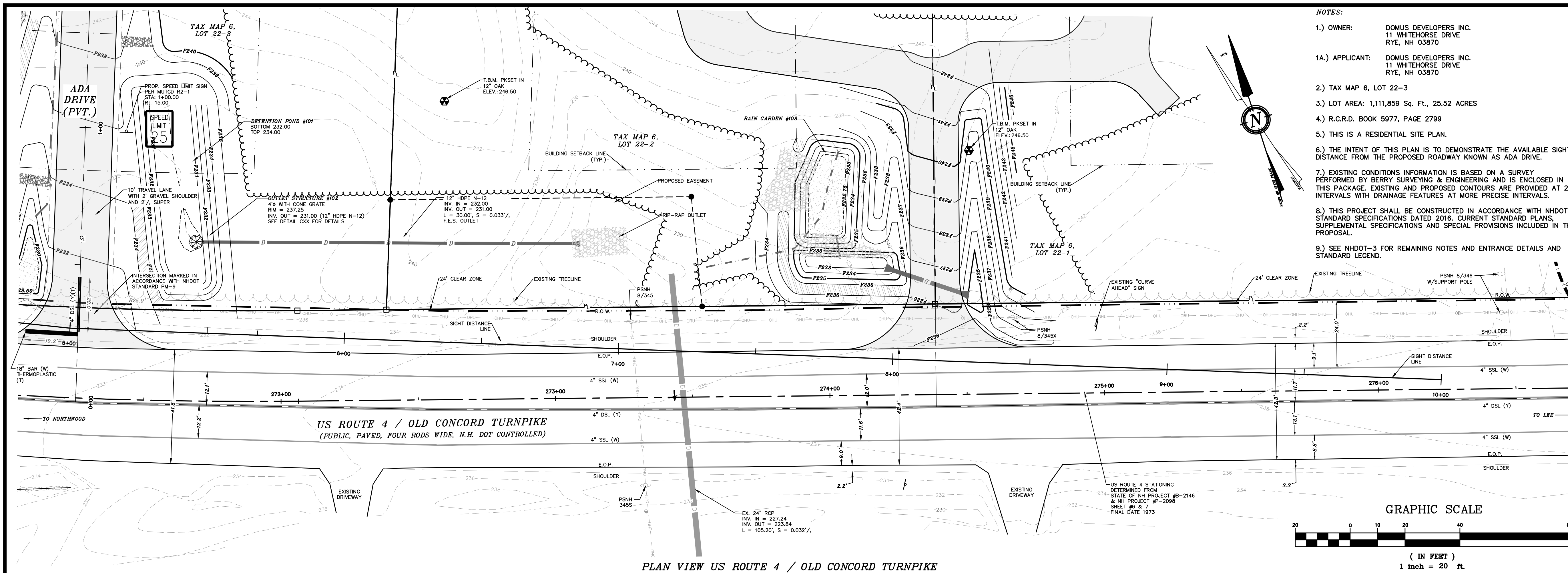
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SIGHT DISTANCE ADA DRIVE EASTBOUND
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : 1 IN. EQUALS 20 FT.
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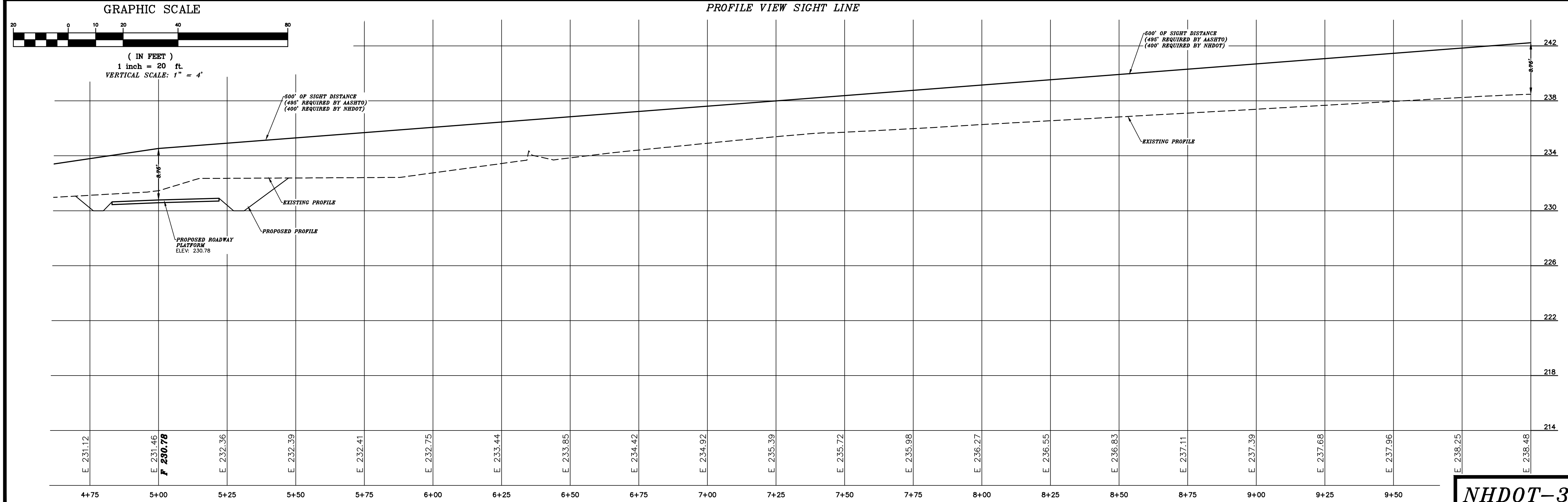
KENNETH A. BERRY
No. 1424
LICENSED PROFESSIONAL ENGINEER

NHDOT-3



PLAN VIEW US ROUTE 4 / OLD CONCORD TURNPIKE

- 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
 - 3.) LOT AREA: 1,111,859 Sq. Ft., 25.52 ACRES
 - 4.) R.C.R.D. BOOK 5977, PAGE 2799
 - 5.) THIS IS A RESIDENTIAL SITE PLAN.
 - 6.) THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE AVAILABLE SIGHT DISTANCE FROM THE PROPOSED ROADWAY KNOWN AS ADA DRIVE.
 - 7.) 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.
 - 8.) 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.
 - 9.) SEE NHDOT-3 FOR REMAINING NOTES AND ENTRANCE DETAILS AND STANDARD LEGEND.

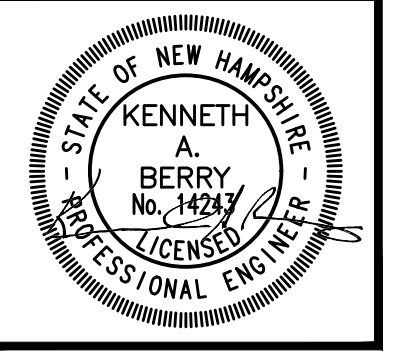


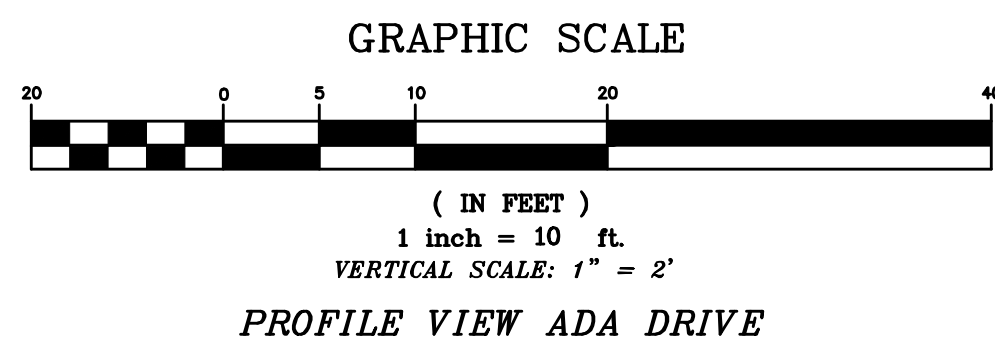
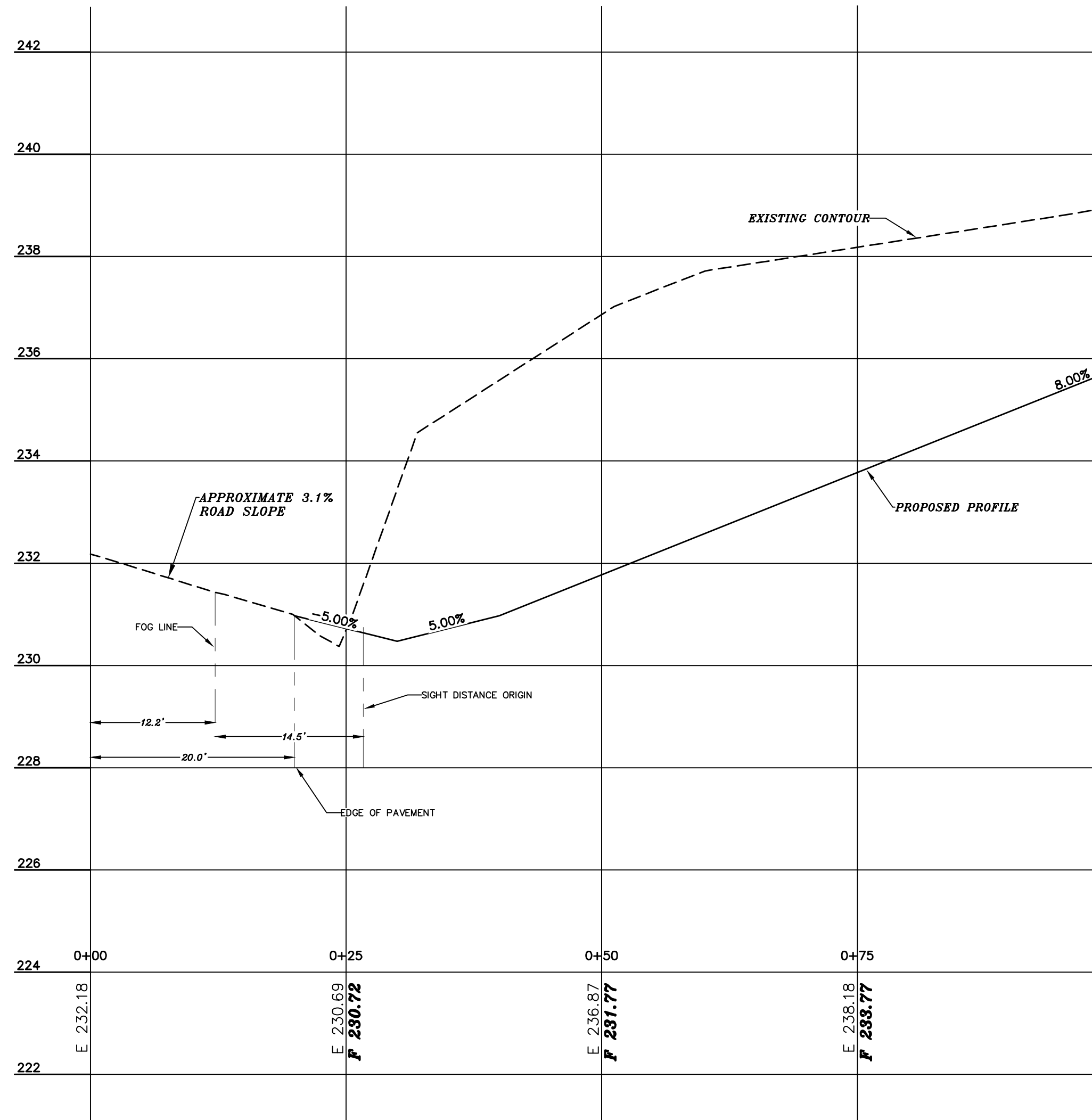
PROFILE VIEW SIGHT LINE

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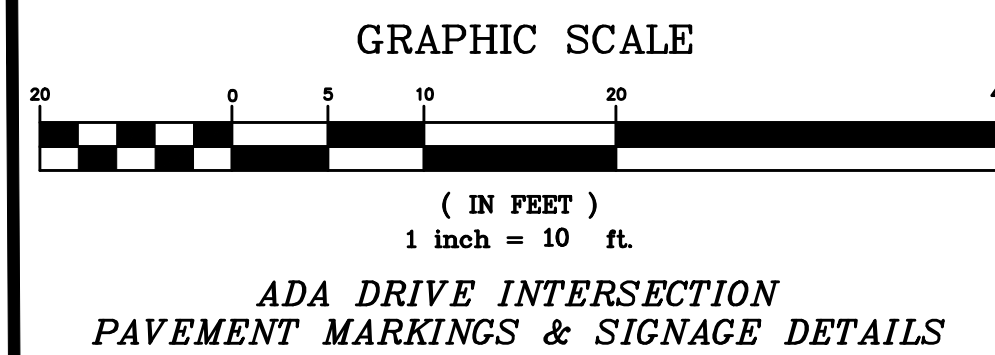
SIGHT DISTANCE ADA DRIVE WESTBOUND
 LAND OF
 DOMUS DEVELOPERS INC.
 US ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22-3

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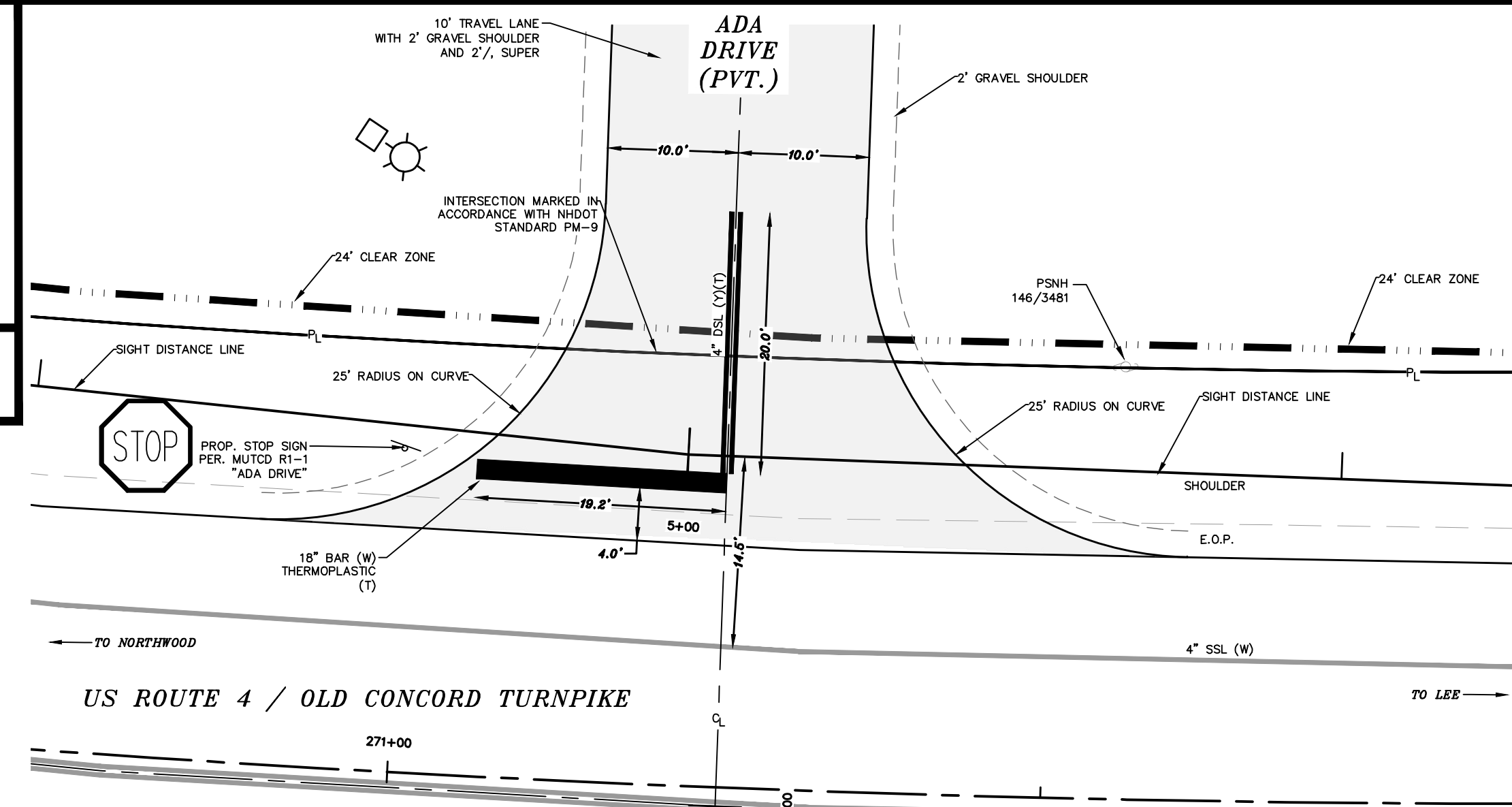




DETAIL-1



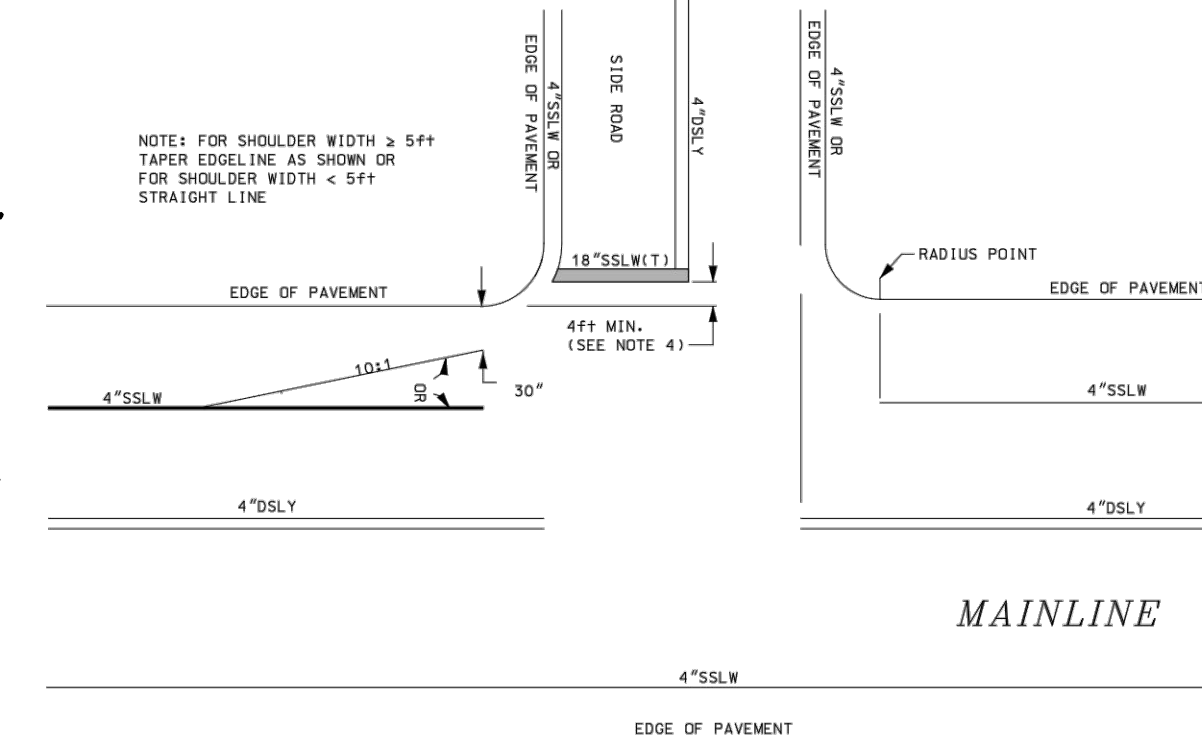
DETAIL-2



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).

CENTERLINE AND EDGELINE "CUTS" AT SIDE ROAD



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.

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 — OHU — 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

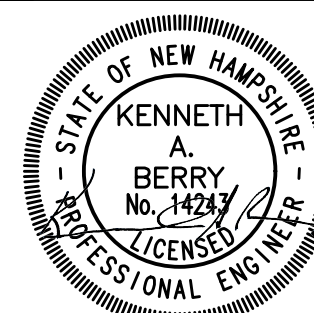
R.C.R.D. ROCKINGHAM COUNTY REGISTRY OF DEEDS
TYP. TYPICAL
FND FOUND
PL PROPERTY LINE
EL EASEMENT LINE
R.O.W. RIGHT OF WAY
E.O.P. EDGE OF PAVEMENT
SSL (W) SINGLE SOLID LINE (WHITE)
DSL (Y) DOUBLE SOLID LINE (YELLOW)

DETAIL-3 DETAIL-4

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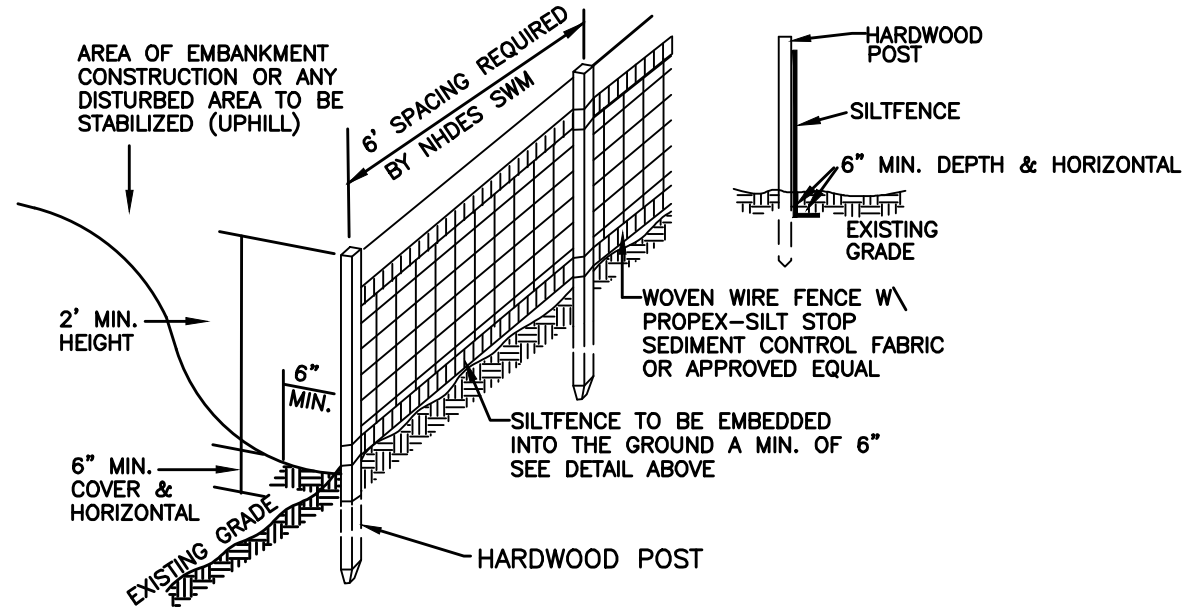
NHDOT DETAILS
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : 1 IN. EQUALS 10 FT.
DATE : JUNE 3, 2019
FILE NO. : DB 2018 - 030



NHDOT-3B

E1



SILT FENCE CONSTRUCTION SPECIFICATIONS

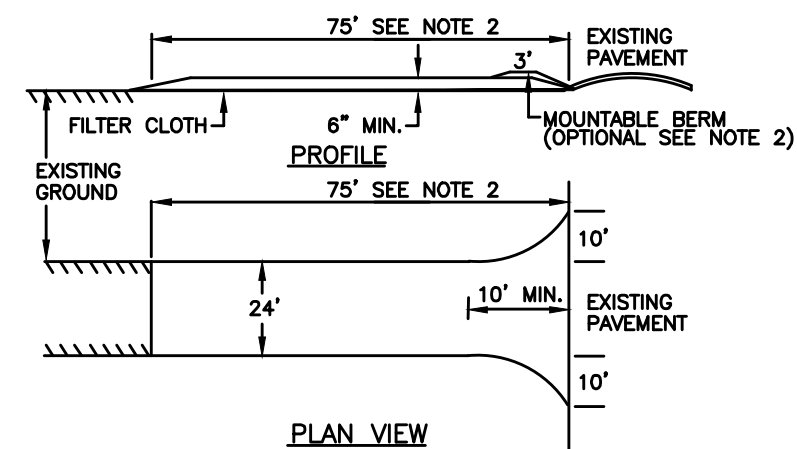
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES AND FILTER CLOTH SHALL BE FASTENED TO WOVEN WIRE EVERY 24" AT TOP MID AND BOTTOM SECTIONS AND BE EMBEDDED INTO GROUND A MINIMUM OF 8" THE FENCE POSTS SHALL BE A MINIMUM 48" LONG, SPACED A MAXIMUM 10' APART, AND DRIVEN A MINIMUM OF 16" INTO THE GROUND.
2. 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.
3. 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.
4. PLACE THE ENDS OF THE SILT FENCE UP CONTOUR TO PROVIDE FOR SEDIMENT STORAGE.
5. SILT FENCES SHALL BE REMOVED WHEN NO LONGER NEEDED AND THE SEDIMENT COLLECTED SHALL BE DISPOSED AS DIRECTED BY THE ENGINEER.
6. THE AREA DISTURBED BY THE REMOVAL SHALL BE SMOOTHED AND RE-VEGETATED.
7. TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, SILT FENCE, PAGE 90.

SILT FENCE MAINTENANCE

1. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
2. IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
3. SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN THEY REACH SIX-INCHES IN DEPTH.
4. 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.

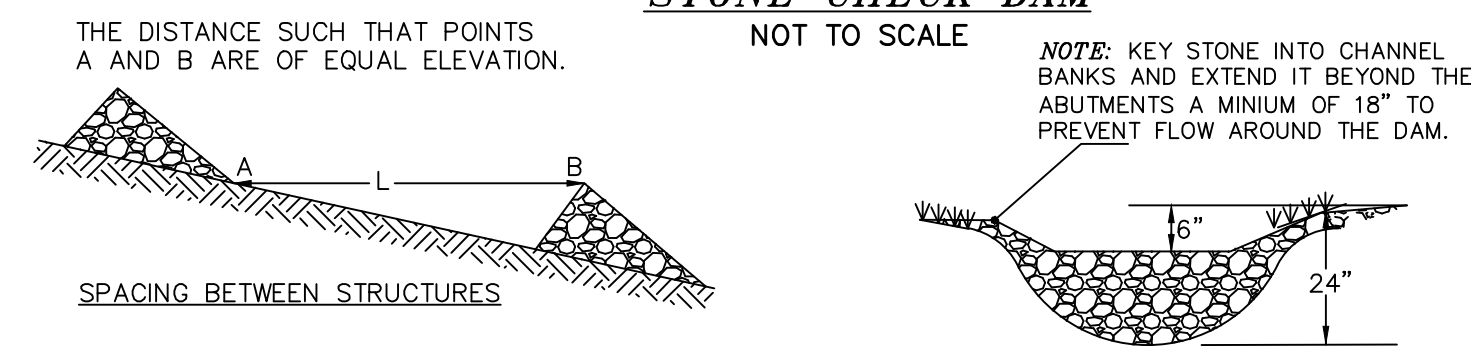
SILT FENCE DETAIL NOT TO SCALE

E5 STABILIZED CONSTRUCTION ENTRANCE NOT TO SCALE

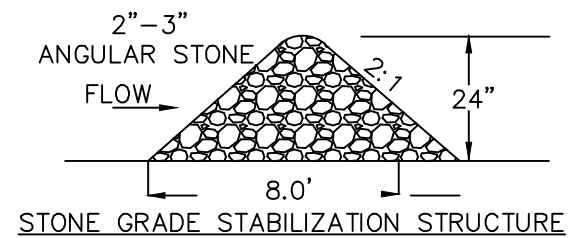


1. STONE FOR A STABILIZED CONSTRUCTION ENTRANCE SHALL BE 3 INCH STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
2. THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 75 FEET, EXCEPT THAT THE MINIMUM LENGTH MAY BE REDUCED TO 50 FEET IF A 3-INCH TO 6-INCH BERM IS INSTALLED AT THE ENTRANCE OF THE PROJECT SITE.
3. THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6 INCHES.
4. 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.
5. GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE.
6. 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.
7. 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.
8. TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, TEMPORARY CONSTRUCTION EXIT, PAGE 124.

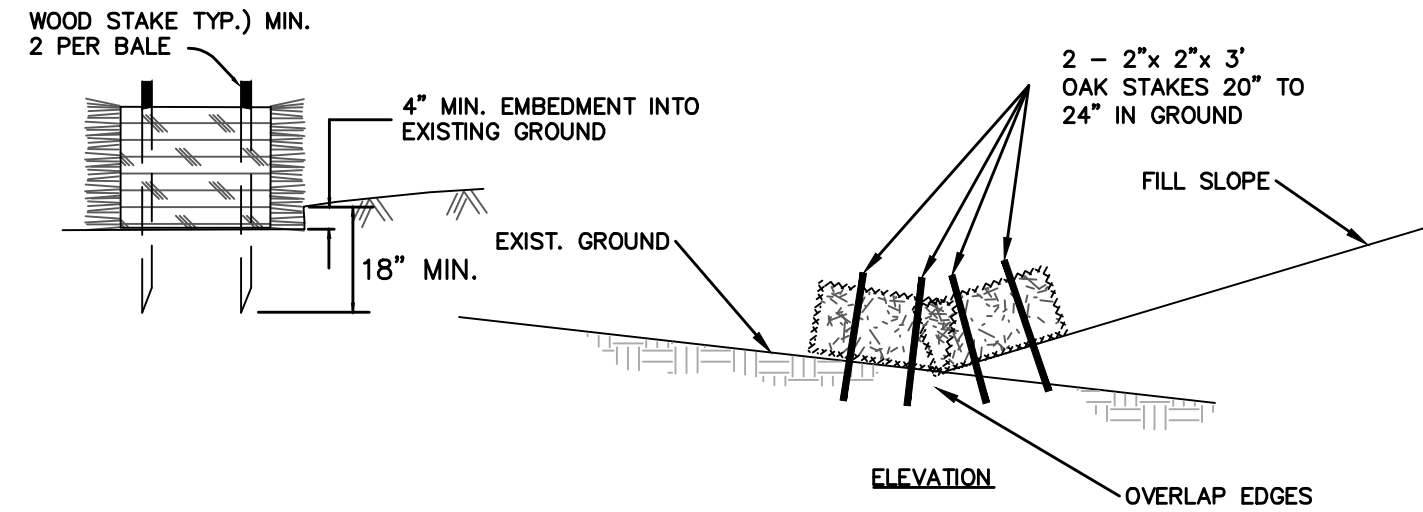
STONE CHECK DAM NOT TO SCALE



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



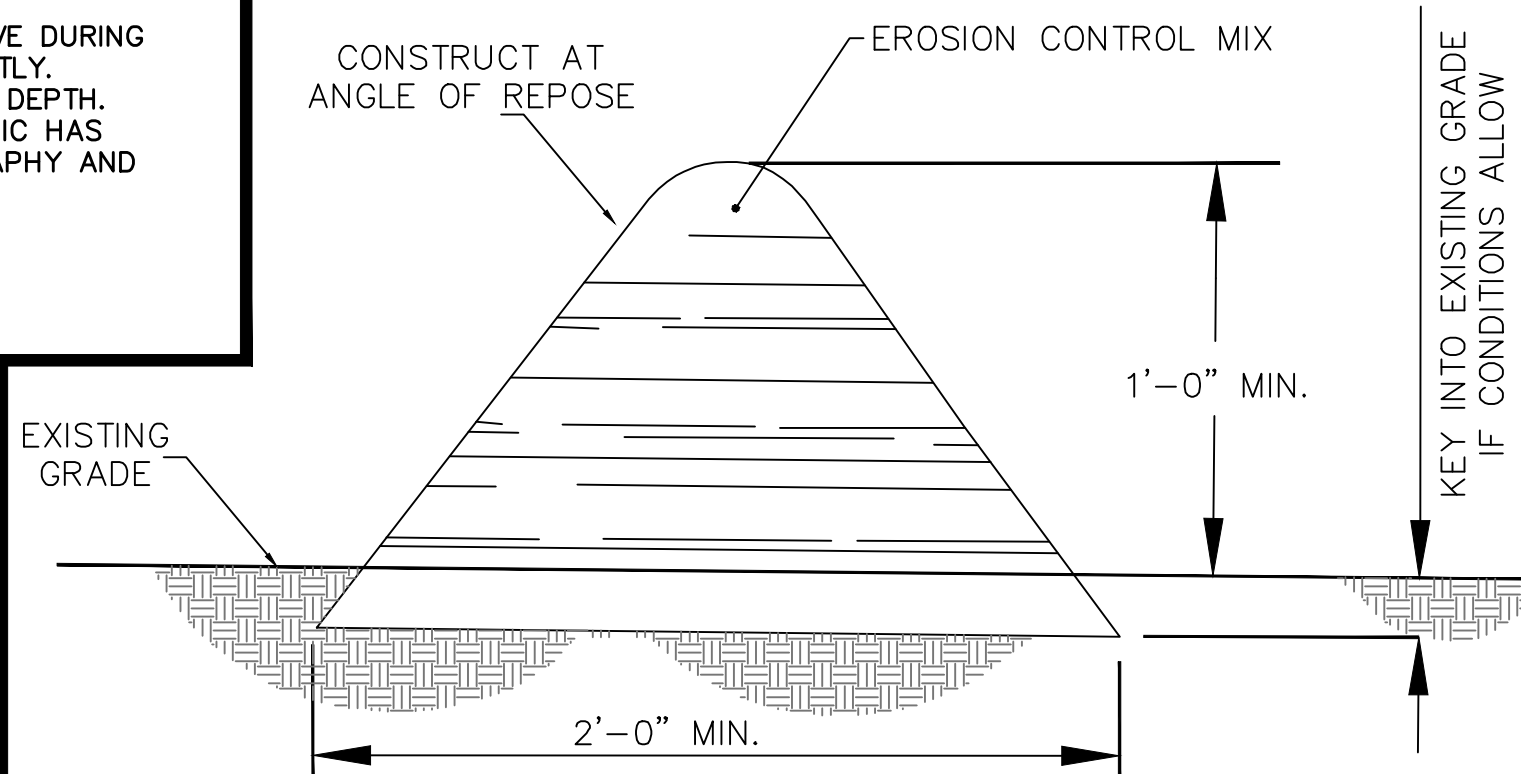
E2



STAKED HAYBALE DETAIL NOT TO SCALE

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

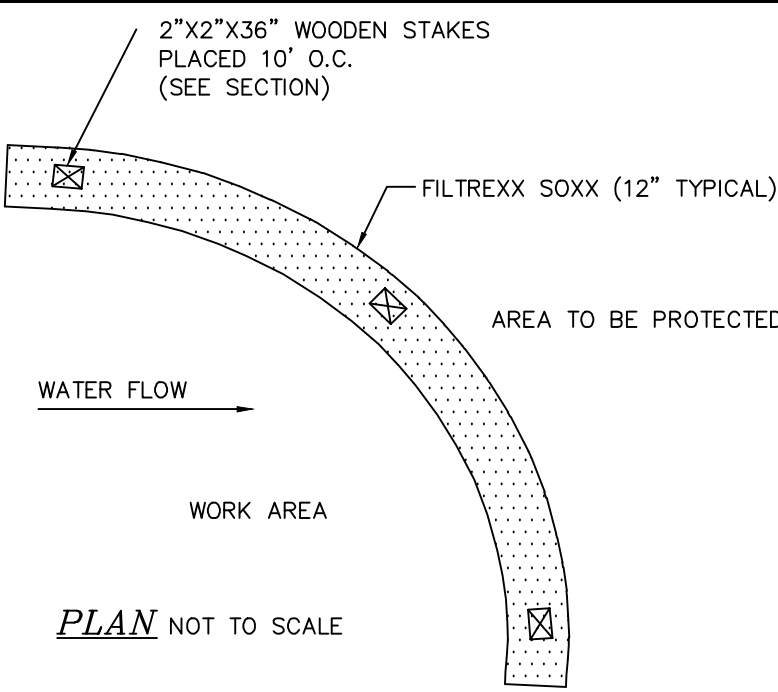
E6 EROSION CONTROL MIX BERM NOT TO SCALE



- EROSION CONTROL MIX BERMS SHALL BE USED ONLY AS FOLLOWS:
1. 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.
 2. THE BERMS SHALL BE INSTALLED FOLLOWING THE CONTOUR OF THE LAND AS CLOSELY AS POSSIBLE.
 3. THE BERMS SHALL BE INSTALLED ON SLOPES LESS THAN 5%.
 4. 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.
 5. THE MIX SHALL NOT CONTAIN SILTS, CLAY, OR FINE SANDS.
 6. 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.
 7. THE MIX PH SHALL BE BETWEEN 5.0 AND 8.0.
 8. THE BERM SHALL BE AT LEAST 12 INCHES HIGH AND AT LEAST 2 FEET WIDE.
 9. TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, EROSION CONTROL MIX BERMS, PAGE 106.

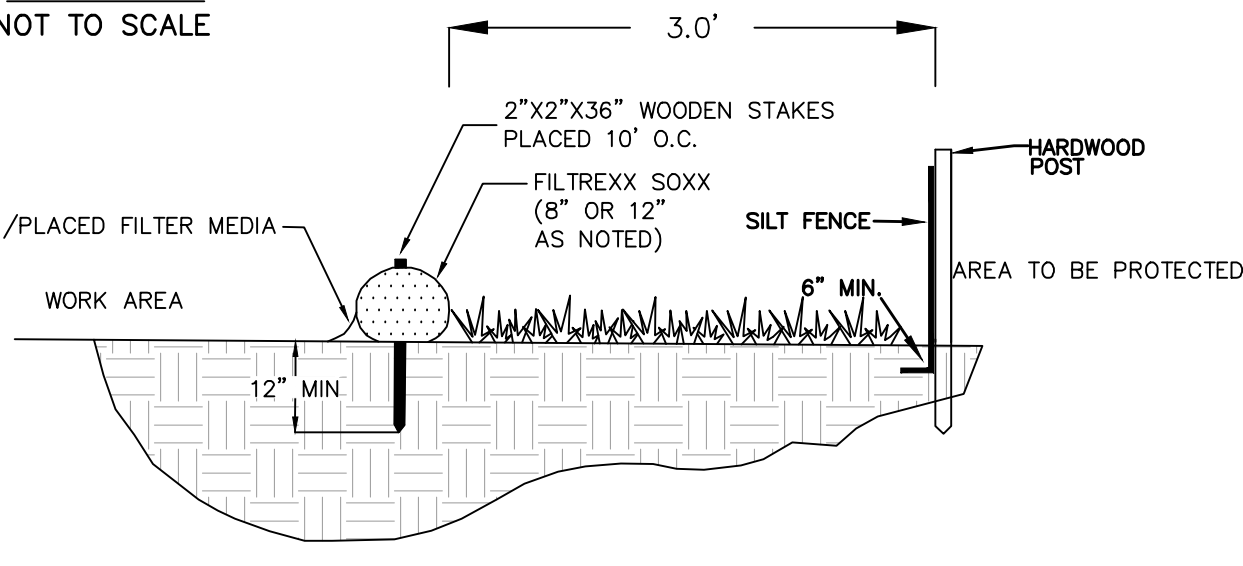
E10

E11



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

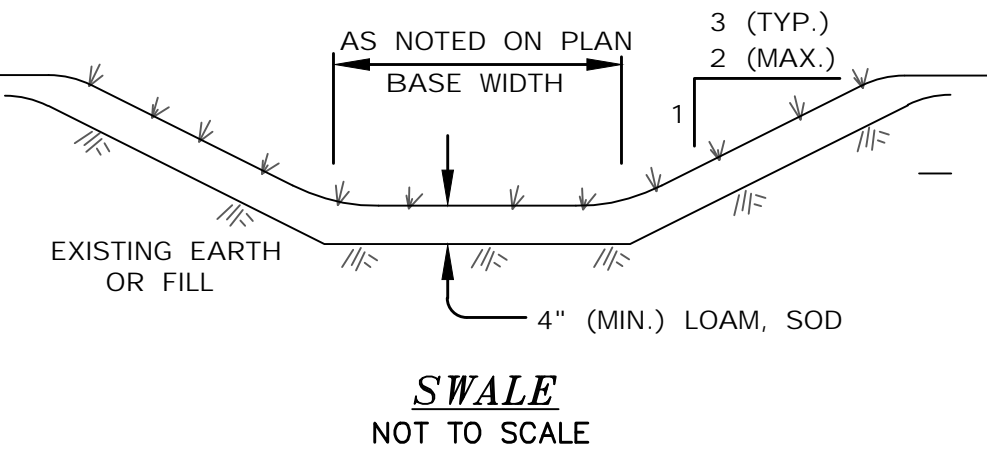
FILTREXX SEDIMENT CONTROL NOT TO SCALE



- 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

E3



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.

E7

DEFINITION OF STABLE:

PER ENV-WQ 1500 ALTERATION OF TERRAIN

1. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
2. A MINIMUM OF 85 PERCENT VEGETATED GROWTH HAS BEEN ESTABLISHED.
3. A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP-RAP HAS BEEN INSTALLED.
4. OR, EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.

ADDITION STABILIZATION NOTES:

5. 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.
6. 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.

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

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

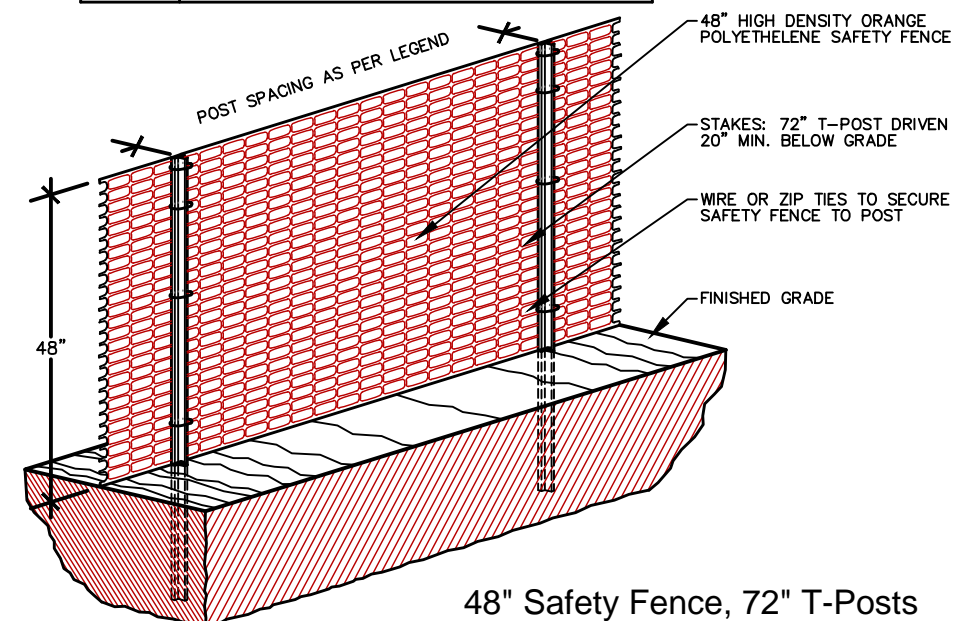
d50 SIZE=	1.0 FEET	12 INCHES
% OF WEIGHT SMALLER THAN THE GIVEN d50 SIZE	SIZE OF STONE (INCHES) FROM	TO
100%	18	24
85%	16	22
50%	12	18
15%	4	6

E4

CONSTRUCTION SAFETY FENCE NOT TO SCALE

LEGEND

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



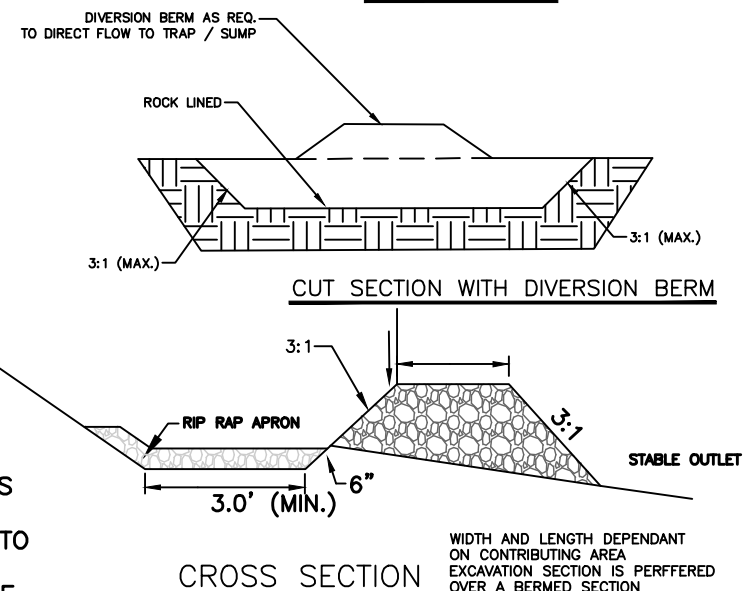
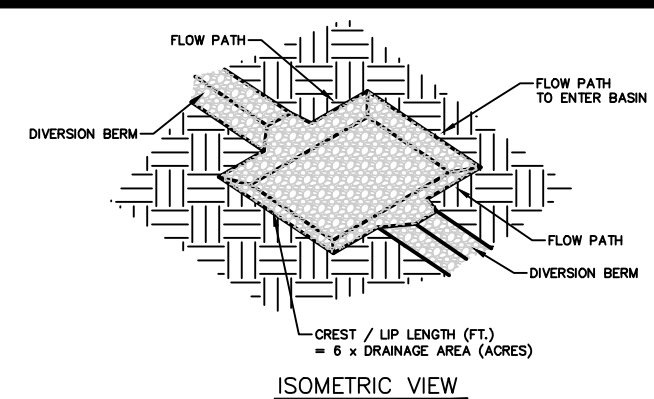
1. ALL SENSITIVE AREAS SHALL BE PROTECTED AS PER PLAN.
2. ALL TREES IN THE CONSTRUCTION AREA NOT SPECIFICALLY DESIGNATED FOR REMOVAL SHALL BE PRESERVED AND PROTECTED WITH HIGH VISIBILITY 3 FEET OUTSIDE OF THE DRIP LINE OF THE TREE.
3. WHEN PRACTICABLE, INSTALL HIGH VISIBILITY 3 FEET OUTSIDE OF THE DRIP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

E8

TEMPORARY EROSION CONTROL MEASURES

1. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME.
2. EROSION, SEDIMENT AND DETENTION MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND AT LOCATIONS AS REQUIRED, DIRECTED BY THE ENGINEER.
3. 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)
4. 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.
5. 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.
6. 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.
7. 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.
8. DITCHES, SWALES, AND BASINS SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
9. DO NOT TRAFFIC EXPOSED SOIL SURFACES WITH CONSTRUCTION EQUIPMENT. IF FEASIBLE, PERFORM EXCAVATIONS WITH EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE INFILTRATION SYSTEM.
10. DRIVEWAYS AND CUT AND FILL SLOPES MUST BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINAL GRADE.
11. STABILIZATION MEANS:
 - 11.1. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
 - 11.2. A MINIMUM OF 85 PERCENT VEGETATED GROWTH HAS BEEN ESTABLISHED.
 - 11.3. A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP-RAP HAS BEEN INSTALLED.
 - 11.4. OR, EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
12. 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.
13. 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)

E12



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

STONE LINED SEDIMENT TRAP NOT TO SCALE

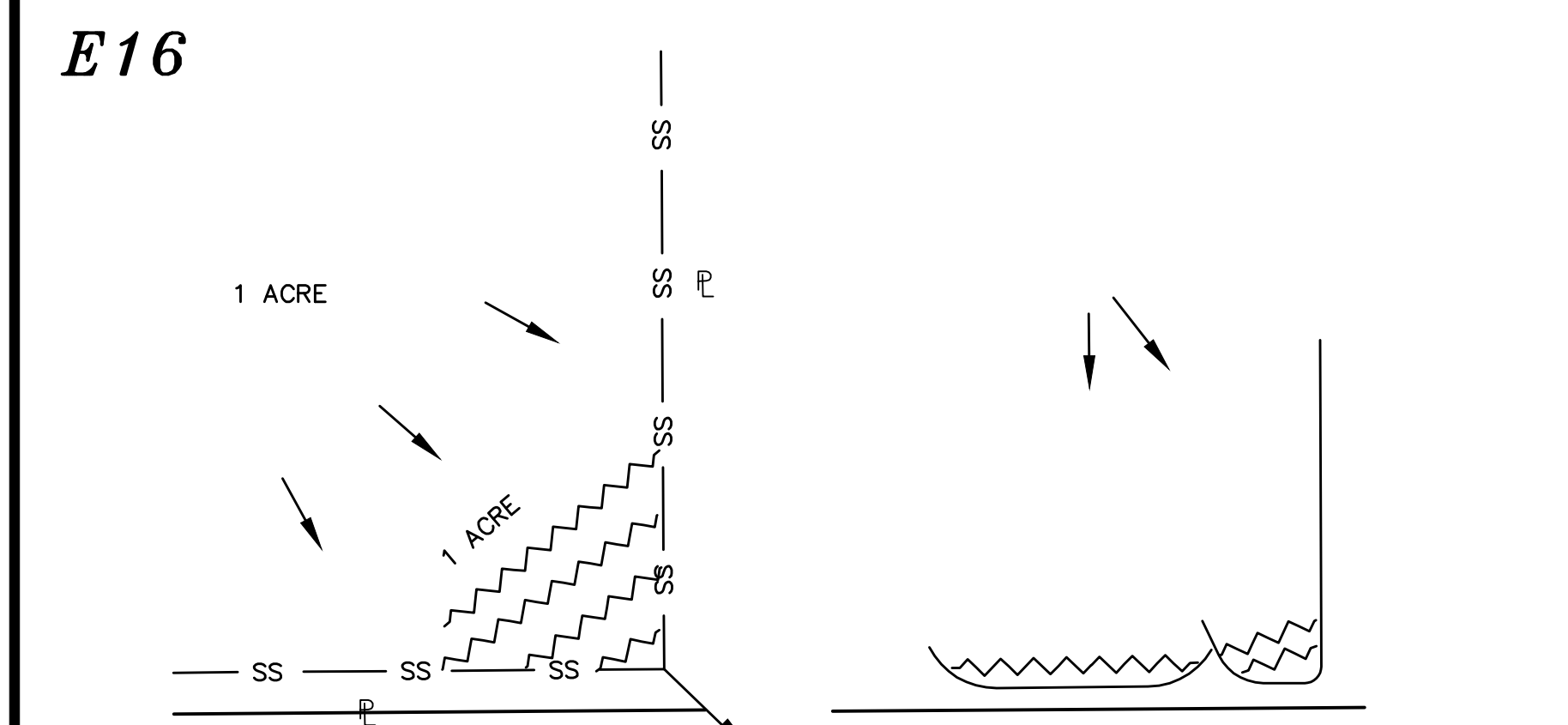
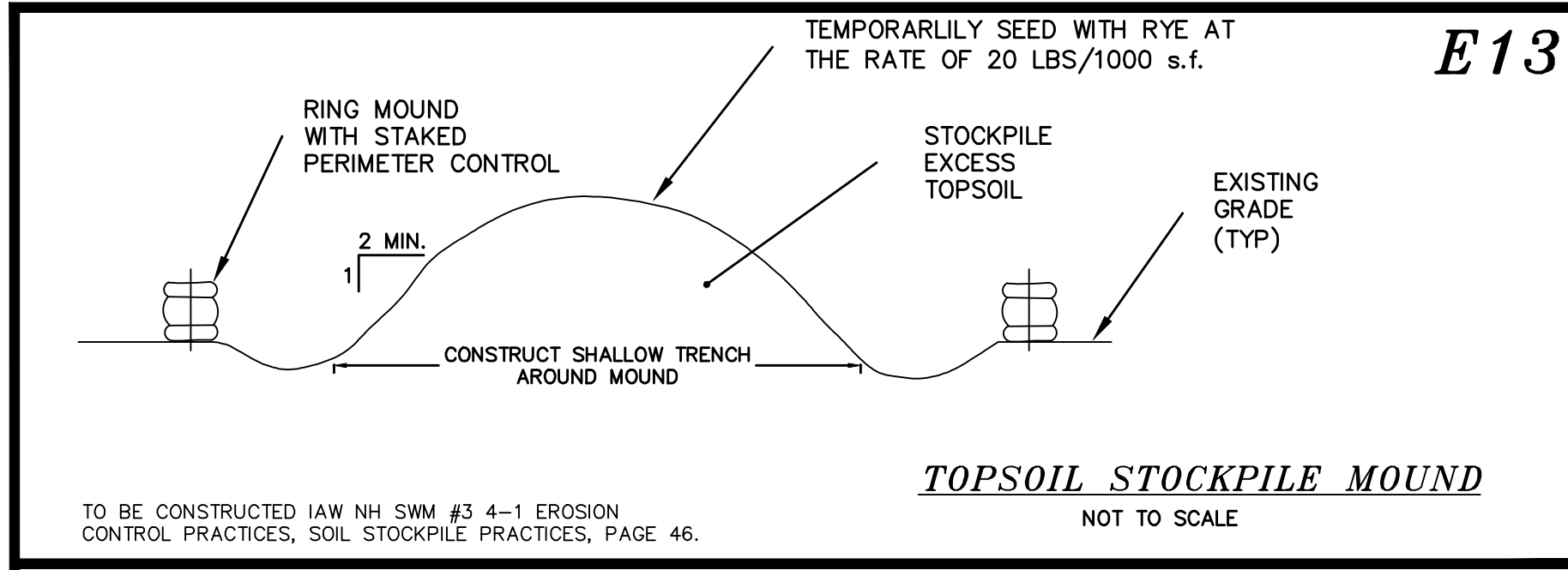
E-101

REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED FOR CONDITIONS OF APPROVAL
#5	11-23-20	REVISED FOR NHDES COMMENT
#4A	8-17-20	REVISED FOR NHDOT COMMENT
#3B	6-1-20	REVISED FOR A&T RFMI

EROSION & SEDIMENT CONTROL DETAILS
 LAND OF
 DOMUS DEVELOPERS INC.
 US ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22-3

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

STATE OF NEW HAMPSHIRE
 KENNETH A. BERRY
 No. 14724
 LICENSED PROFESSIONAL ENGINEER



E16

INCORRECT FAILURE

CORRECT

NOT TO SCALE

NOTES

1. DO NOT LAYOUT SILT SOXX ALONG PROPERTY PERIMETER WITHOUT INSTALLING "J" HOOKS AT HIGH CONCENTRATION AREAS. RUNOFF WILL CONCENTRATE AND CAUSE FAILURES ALONG THE PERIMETER. "J" HOOKS CAN BE USED TO HELP LIMIT THE CONCENTRATION OF RUNOFF AND PROVIDE MORE STABILITY TO THE PERIMETER.

2. SEE HAMPSHIRE STORM WATER MANUAL: VOLUME 3, PAGE 99 FOR FURTHER DETAILS AND SPECIFICATIONS

SEEDING SPECIFICATIONS

1. GRADING AND SHAPING

A. SLOPES SHALL NOT BE STEEPER THAN 2:1; 3:1 SLOPES OR FLATTER ARE PREFERRED. WHERE MOWING WILL BE DONE, 3:1 SLOPES OR FLATTER ARE RECOMMENDED.

2. SEEDBED PREPARATION

A. SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.

B. STONES LARGER THAN 4 INCHES AND TRASH SHOULD BE REMOVED BECAUSE THEY INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF ABOUT 4 INCHES TO PREPARE A SEED BED AND MIX FERTILIZER AND LIME INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.

3. ESTABLISHING A STAND

A. LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL KINDS AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON AN EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED:

AGRICULTURAL LIMESTONE, 2 TONS PER ACRE OR 100LBS. PER 1,000 SQ.FT. NITROGEN(N), 50LBS. PER ACRE OR 1.1LBS. PER 1,000 SQ.FT. PHOSPHATE(P2O5), 100LBS. PER ACRE OR 2.2LBS. PER 1,000 SQ.FT. POTASH(K2O), 100LBS. PER ACRE OR 2.2LBS. PER 1,000 SQ.FT. (NOTE: THIS IS THE EQUIVALENT OF 500LBS. PER ACRE OF 10-20-20 FERTILIZER OR 1,000LBS. PER ACRE OF 5-10-10.)

B. SEED SHOULD BE SPREAD UNIFORMLY BY THE METHOD MOST APPROPRIATE FOR THE SITE. METHODS INCLUDE BROADCASTING, DRILLING AND HYDROSEEDING, WHERE BROADCASTING IS USED, COVER SEED WITH .25 INCH OF SOIL OR LESS, BY CULTIVATING OR RAKING.

C. REFER TO TABLE(G-E1 THIS SHEET) FOR APPROPRIATE SEED MIXTURES AND TABLE(H-E1 THIS SHEET) FOR RATES OF SEEDING. ALL LEGUMES (CROWNVECH, BIRDSFOOT TREFLOI, AND FLATPEA) MUST BE INOCULATED WITH THEIR SPECIFIC INOCULANT.

D. 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.

4. MULCH

A. HAY, STRAW, OR OTHER MULCH, WHEN NEEDED, SHOULD BE APPLIED IMMEDIATELY AFTER SEEDING.

B. MULCH WILL BE HELD IN PLACE USING APPROPRIATE TECHNIQUES FROM THE BEST MANAGEMENT PRACTICE FOR MULCHING. HAY OR STRAW MULCH SHALL BE PLACED AT A RATE OF 90LBS PER 1000 S.F.

5. MAINTENANCE TO ESTABLISH A STAND

A. PLANTED AREA SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED GROWTH.

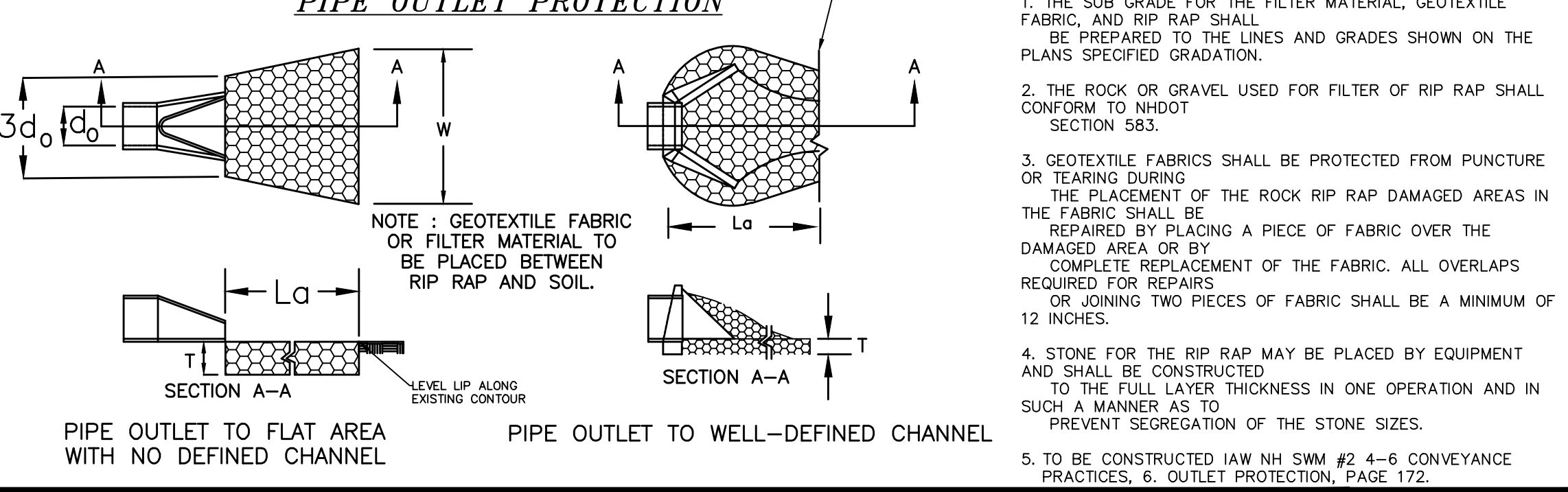
B. FERTILIZATION NEEDS SHOULD BE DETERMINED BY ONSITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS USUALLY THE KEY TO FULLY COMPLETE THE ESTABLISHMENT OF THE STAND BECAUSE MOST PERENNIAL STAKE 2 TO 3 YEARS TO BECOME ESTABLISHED.

C. IN WATERWAYS, CHANNELS, OR SWALES WHERE UNIFORM FLOW CONDITIONS ARE ANTICIPATED, OCCASIONAL MOWING MAY BE NECESSARY TO CONTROL GROWTH OF WOODY VEGETATION.

6. TO BE CONSTRUCTED IAW NH SWM #3 4-1 EROSION CONTROL PRACTICES, PERMANENT VEGETATION, PAGE 60.

E13

E14



E17

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

SEEDING RATES

MIXTURE	POUNDS PER ACRE	POUNDS PER 1,000 S.F.
A. TALL FESCUE	20	0.45
CREeping RED FESCUE	20	0.45
RED TOP	2	0.05
TOTAL	42	0.95
B. TALL FESCUE	15	0.35
CREeping RED FESCUE	10	0.25
CROWN VETCH	15	0.35
FLAT PEA	10	0.25
TOTAL	40	0.85
C. TALL FESCUE	24	0.55
CREeping RED FESCUE	24	0.55
BIRDS FOOT TREFLOI	28	0.65
TOTAL	76	1.75
D. TALL FESCUE	20	0.45
FLAT PEA	20	0.45
TOTAL	40	0.90
E. CREeping RED FESCUE 1/2	50	1.15
KENTUCKY BLUEGRASS 1/2	100	2.30
TOTAL	150	3.45
F. TALL FESCUE 1	150	3.60

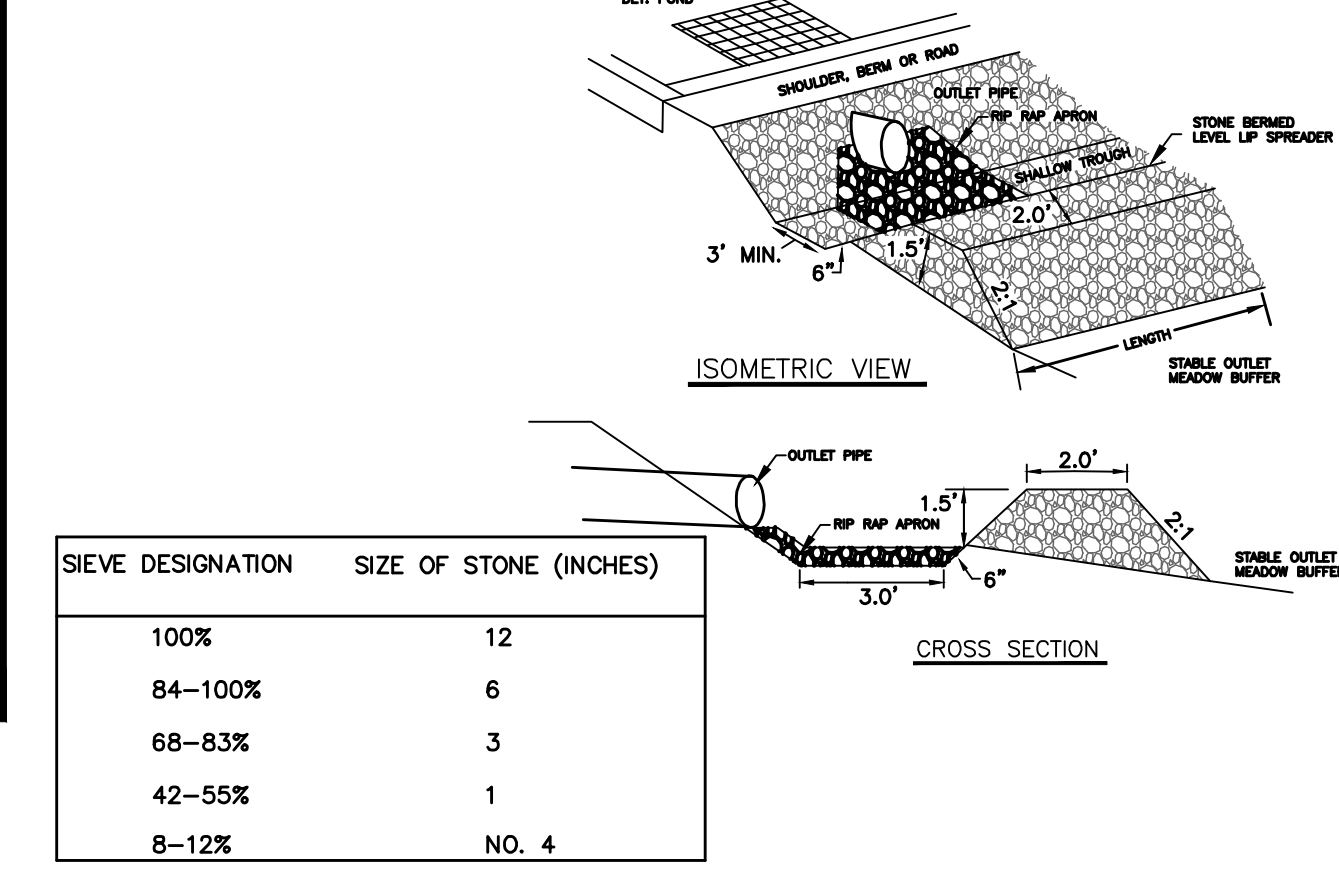
SEEDING GUIDE

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

CONSERVATION MIX

MIXTURE	POUNDS PER ACRE	POUNDS PER 1,000 S.F.
TALL FESCUE (35%)	15	0.35
CREeping RED FESCUE (25%)	15	0.35
ANNUAL RYEGRASS (12%)	5	0.12
PERENNIAL RYEGRASS (10%)	5	0.12
KENTUCKY BLUEGRASS (10%)	15	0.35
WHITE CLOVER (3%)	7	0.16

E15



1. CONSTRUCT THE LEVEL SPREADER LIP ON A 0% GRADE TO INSURE UNIFORM SPREADING OF RUNOFF.

2. LEVEL SPREADER SHALL BE CONSTRUCTED ON UNDISTURBED SOIL AND NOT ON FILL.

3. THE ENTIRE LEVEL LIP AREA SHALL BE PROTECTED BY PLACING EXCELSIOR ENFORCER MATTING BENEATH THE STONE. EACH STRIP SHALL OVERLAP BY AT LEAST SIX INCHES.

4. THE FLOW FROM THE LEVEL SPREADER SHALL OUTLET ONTO STABILIZED AREAS. WATER SHOULD NOT RE-CONCENTRATE IMMEDIATELY BELOW THE SPREADER.

5. MAINTENANCE: THE LEVEL SPREADER SHOULD BE CHECKED PERIODICALLY AND AFTER EVERY MAJOR STORM TO DETERMINE IF THE LIP HAS BEEN DAMAGED AND THE DESIGN CONDITIONS HAVE NOT CHANGED. ANY DETRIMENTAL SEDIMENT ACCUMULATION SHOULD BE REMOVED. IF STONE REMOVAL HAS TAKEN PLACE ON THE LIP, THEN THE DAMAGE SHOULD BE REPAIRED.

6. REFERENCE IS MADE TO NHDES SWM VOL. 2, 4-6, STONE BERM LEVEL SPREADERS, PAGE 162

E18 WINTER STABILIZATION NOTES

1. 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.

2. 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.

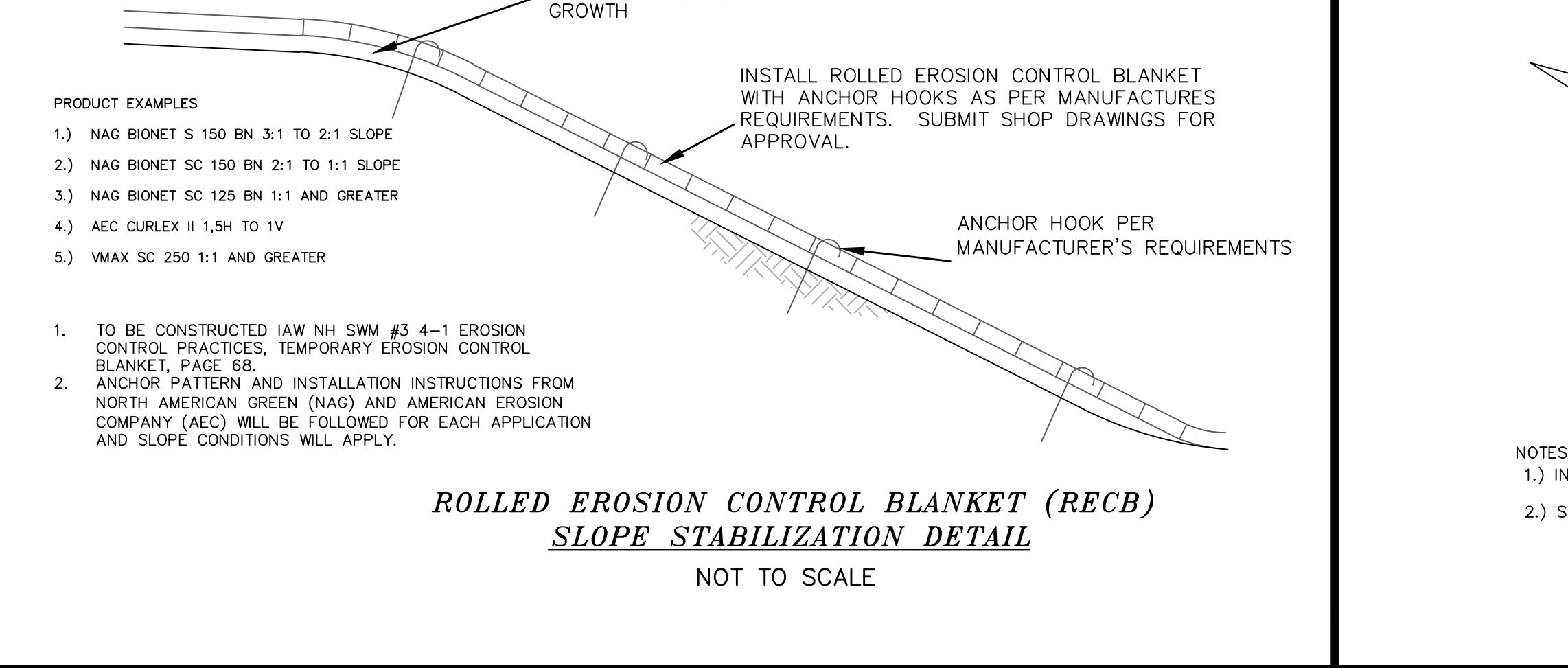
3. PRIOR TO OCTOBER 15TH ALL ROADWAY AND PARKING AREAS SHALL BE BROUGHT UP TO AND THROUGH THE BANK RUN GRAVEL APPLICATION. IF THESE AREAS' ELEVATIONS ARE PROPOSED TO REMAIN BELOW THE PROPOSED SUBGRADE ELEVATION, THE SUBGRADE MATERIAL SHALL BE ROUGHLY CROWNED AND A 3" LAYER OF CRUSHED GRAVEL SHALL BE 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.

4. 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.

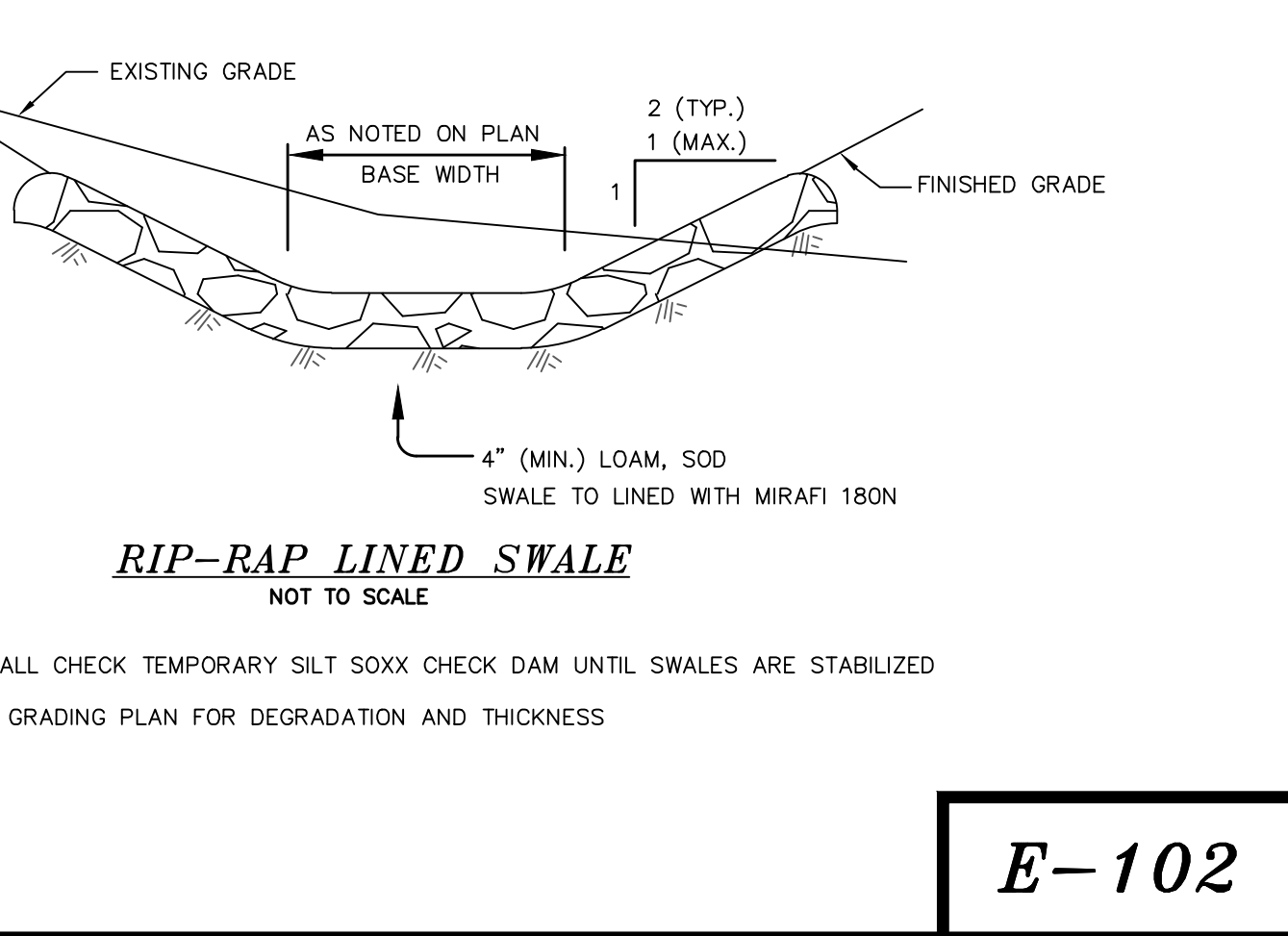
E19

- 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 SHEET D-101 FOR BEST MANAGEMENT PRACTICES FOR BLASTING.
 - 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.

E20



E21



REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED FOR CONDITIONS OF APPROVAL
#5	11-23-20	REVISED FOR NHDES COMMENT
#4A	8-17-20	REVISED FOR NHDOT COMMENT
#3B	6-1-20	REVISED FOR A&T RFMI

EROSION & SEDIMENT CONTROL DETAILS

LAND OF DOMUS DEVELOPERS INC.

US ROUTE 4 / OLD TURNPIKE ROAD NOTTINGHAM, N.H.

TAX MAP 6, LOT 22-3

BERRY SURVEYING & ENGINEERING

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

SCALE: AS NOTED

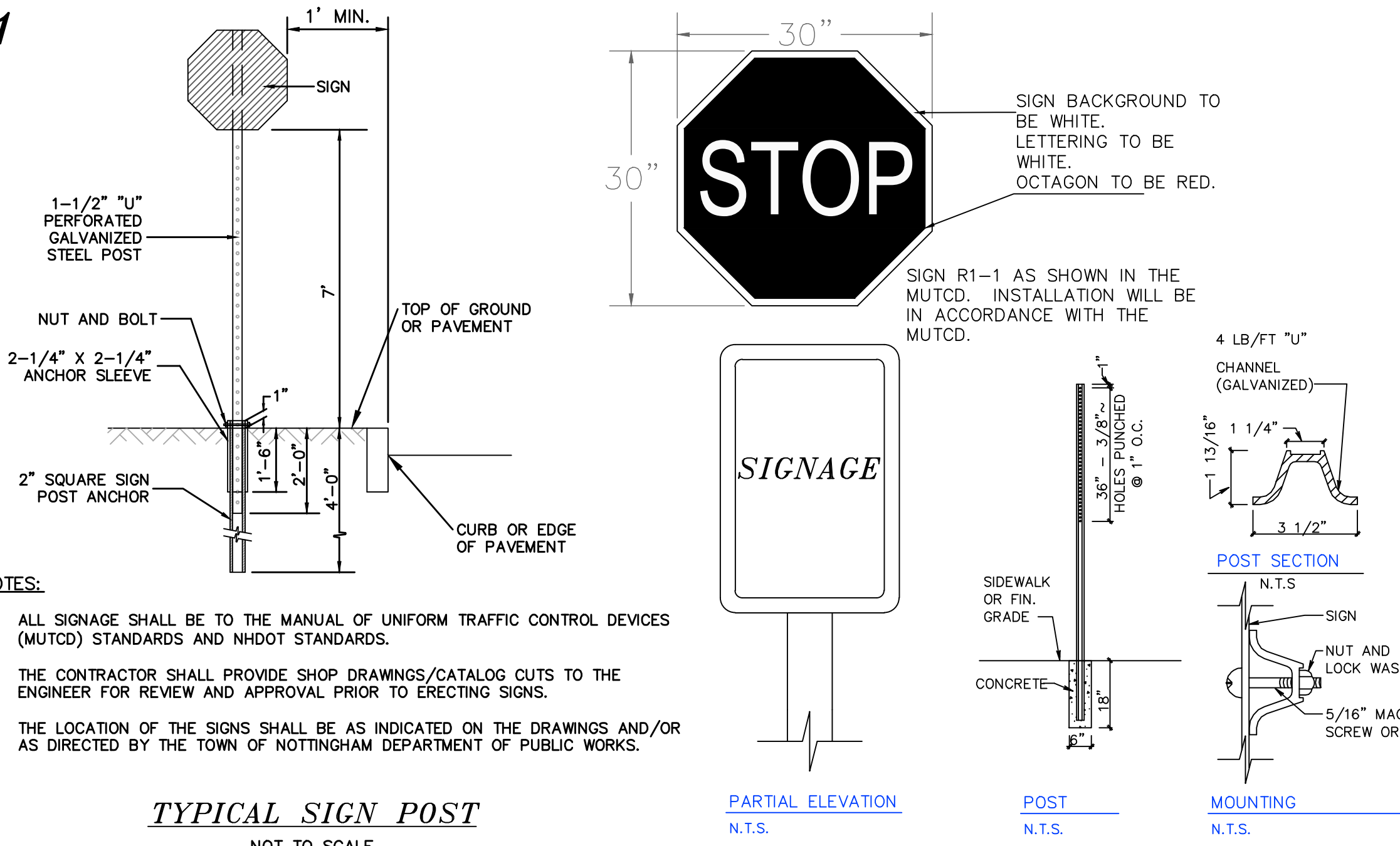
DATE: JUNE 3, 2019

FILE NO.: DB 2018 - 030

KENNETH A. BERRY No. 14297 PROFESSIONAL ENGINEER

STATE OF NEW HAMPSHIRE

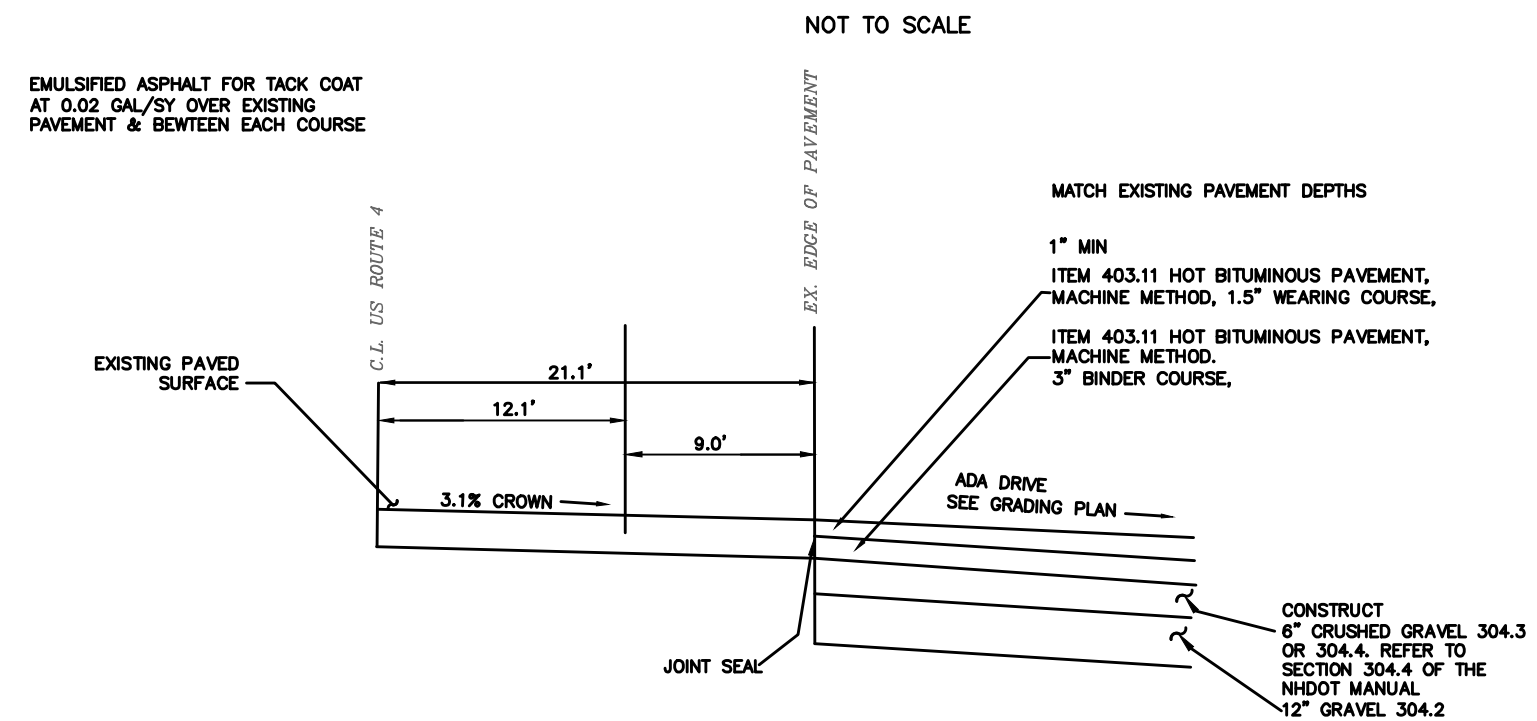
C1



TYPICAL SIGN POST
NOT TO SCALE

- NOTES:
1. ALL SIGNAGE SHALL BE TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS AND NHDOT STANDARDS.
 2. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS/CATALOG CUTS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ERECTING SIGNS.
 3. THE LOCATION OF THE SIGNS SHALL BE AS INDICATED ON THE DRAWINGS AND/OR AS DIRECTED BY THE TOWN OF NOTTINGHAM DEPARTMENT OF PUBLIC WORKS.

TYPICAL EDGE LINE CONSTRUCTION ADA DRIVE



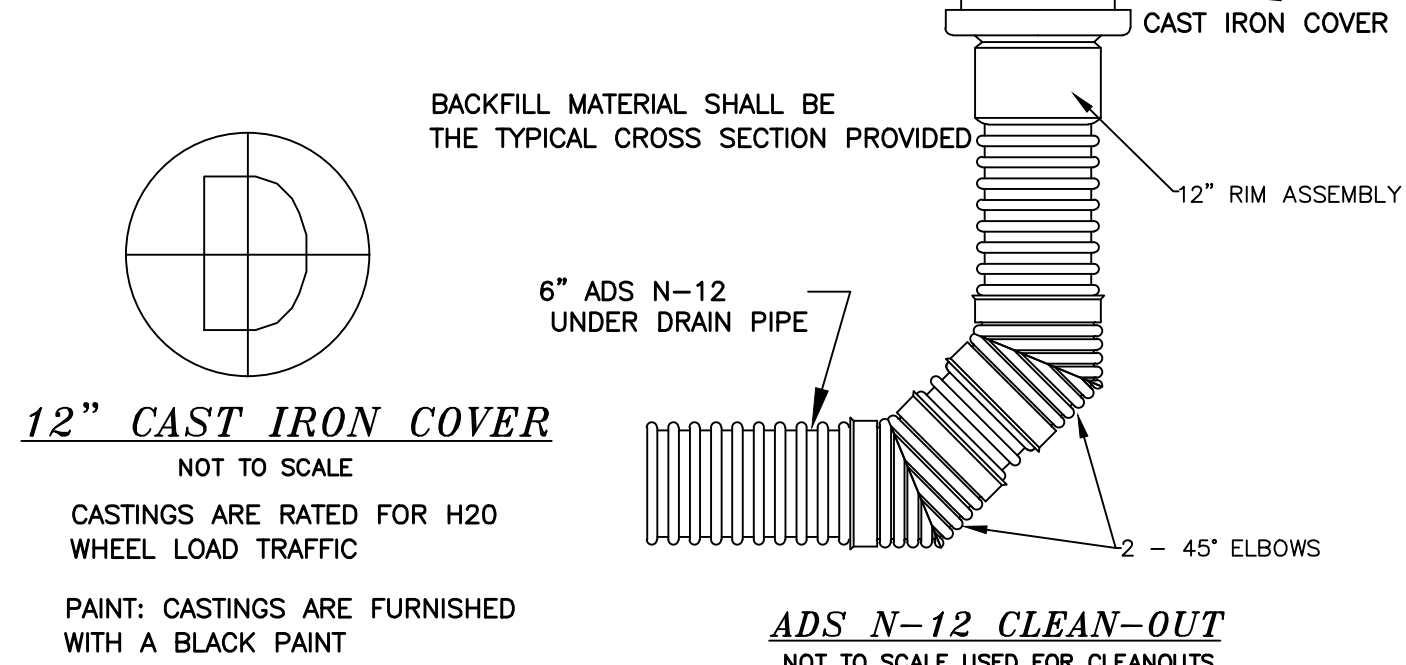
PART No.	PIPE SIZE	A	B(MAX)	H	L	W
1510-NP	15"	6.5"	10"	6.5"	25"	29"
1810-NP	18"	7.5"	15"	6.5"	32"	35"
2410-NP	24"	7.5"	18"	6.5"	36"	45"
3010-NP	30"	10.5"	N/A	7.0"	53"	68"
3610-NP	36"	10.5"	N/A	7.0"	53"	68"

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)

C6

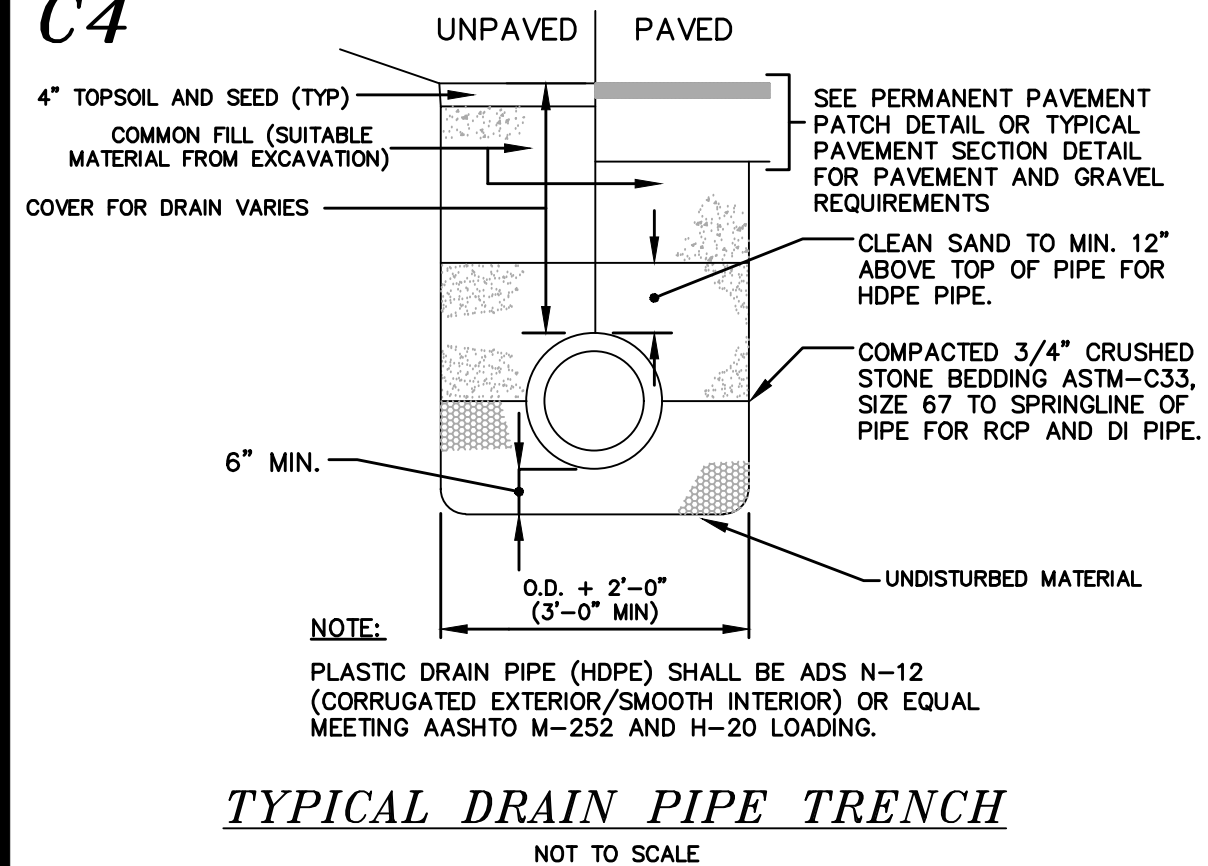


12" CAST IRON COVER
NOT TO SCALE

CASTINGS ARE RATED FOR H20 WHEEL LOAD TRAFFIC
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT

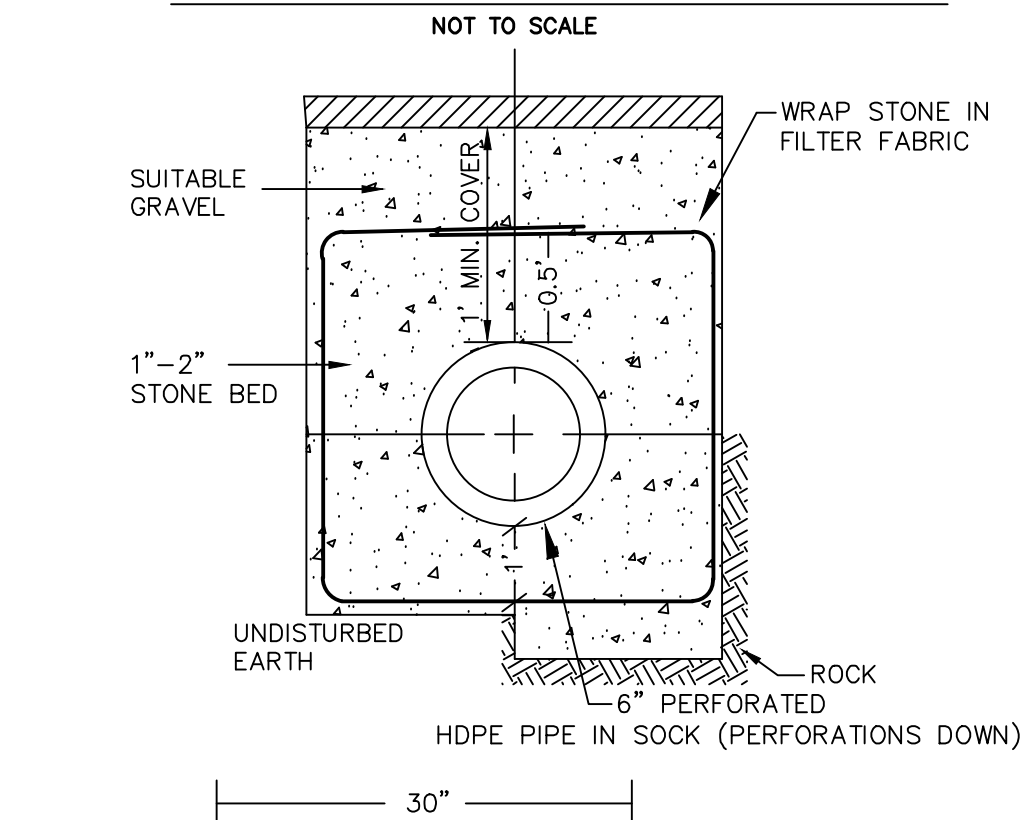
ADS N-12 CLEAN-OUT
NOT TO SCALE USED FOR CLEANOUTS

C4



TYPICAL DRAIN PIPE TRENCH
NOT TO SCALE

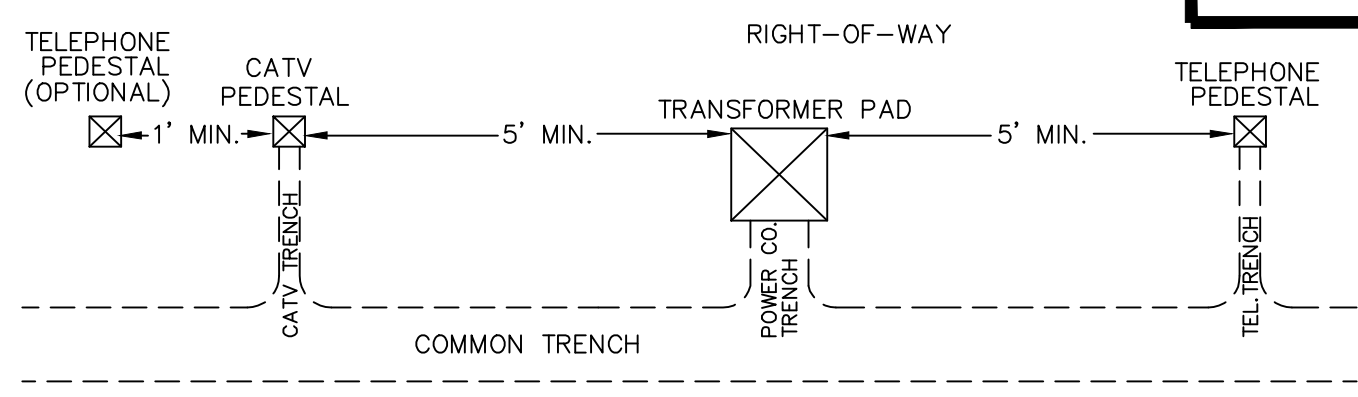
C5 UNDERDRAIN TRENCH DETAIL



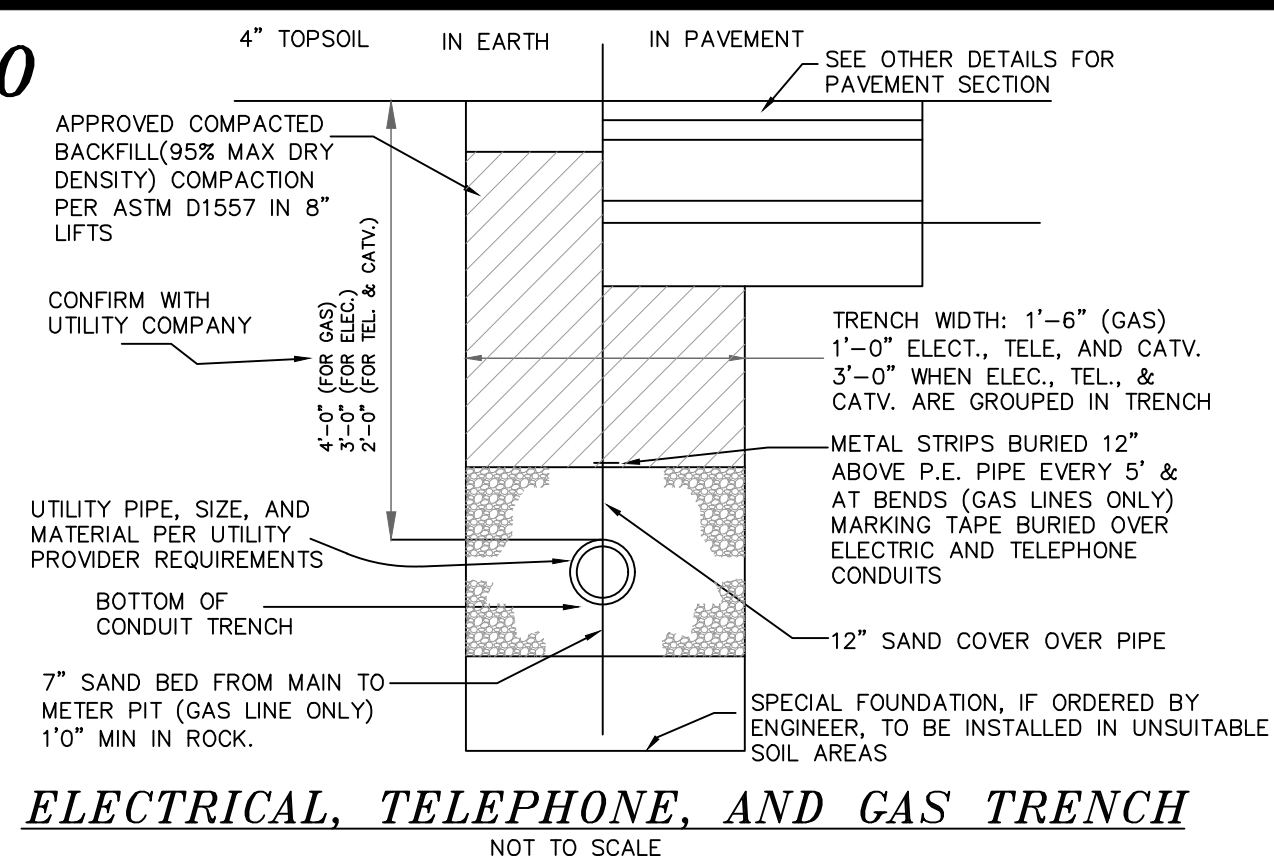
NOTE:
1. PAVEMENT REPAIR IN EXISTING ROADWAYS SHALL CONFORM TO STREET OPENING REGULATIONS.

C8

PEDESTAL PLACEMENT

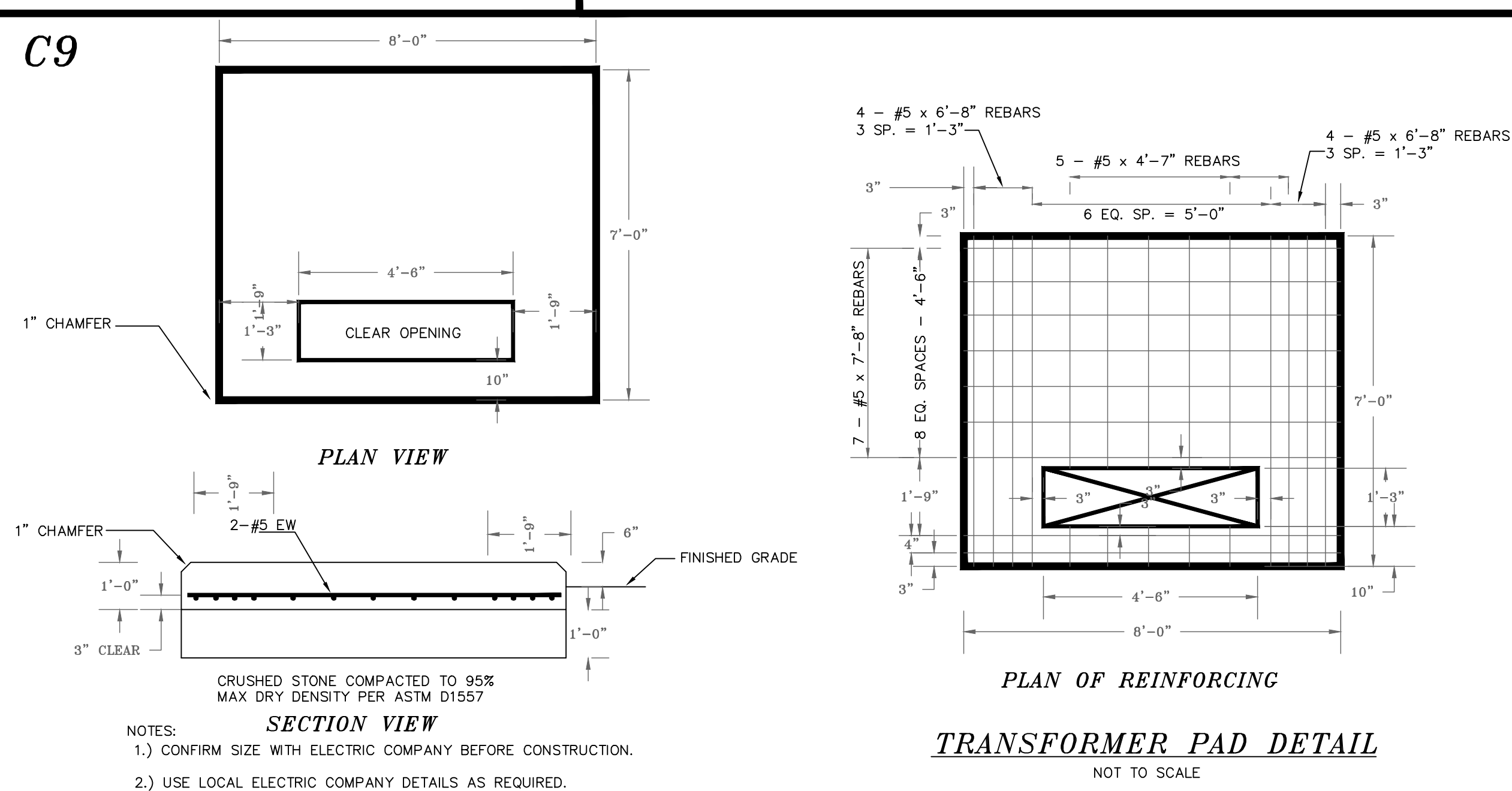


C10



ELECTRICAL, TELEPHONE, AND GAS TRENCH
NOT TO SCALE

C9



NOTES:
1.) CONFIRM SIZE WITH ELECTRIC COMPANY BEFORE CONSTRUCTION.
2.) USE LOCAL ELECTRIC COMPANY DETAILS AS REQUIRED.

C7

Angle Grates For Manholes



AG0808-58
Part No. AG0808-58

Save Trees

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

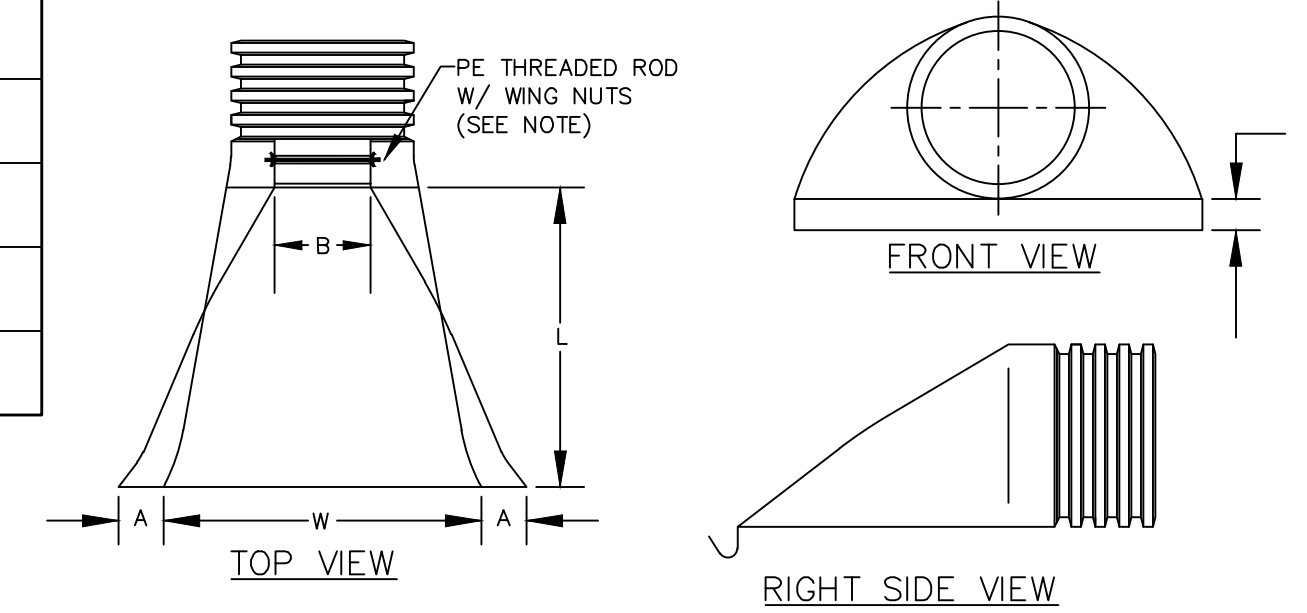
- Plate design for a clean appearance
- Standard 2" openings (other sizes can be made)
- Angled top/front plate to maximize debris deflection
- Mounting flanges on 3 sides allows grate to be mounted at floor level inverts
- Galvanized steel construction. Can be made from aluminum or stainless steel.

MUST BE HAALA INDUSTRIES INC. OR EQUAL.

ANGLE GRATE OUTLET STRUCTURE 102
NOT TO SCALE

C2

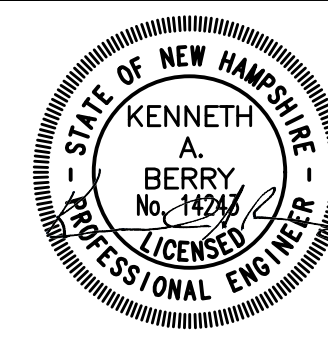
C3



REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED FOR CONDITIONS OF APPROVAL
#5	11-23-20	REVISED FOR NHDOS COMMENT
#4A	8-17-20	REVISED FOR NHDOT COMMENT
#3B	6-1-20	REVISED FOR AOT RFMI

CONSTRUCTION DETAILS
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3

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

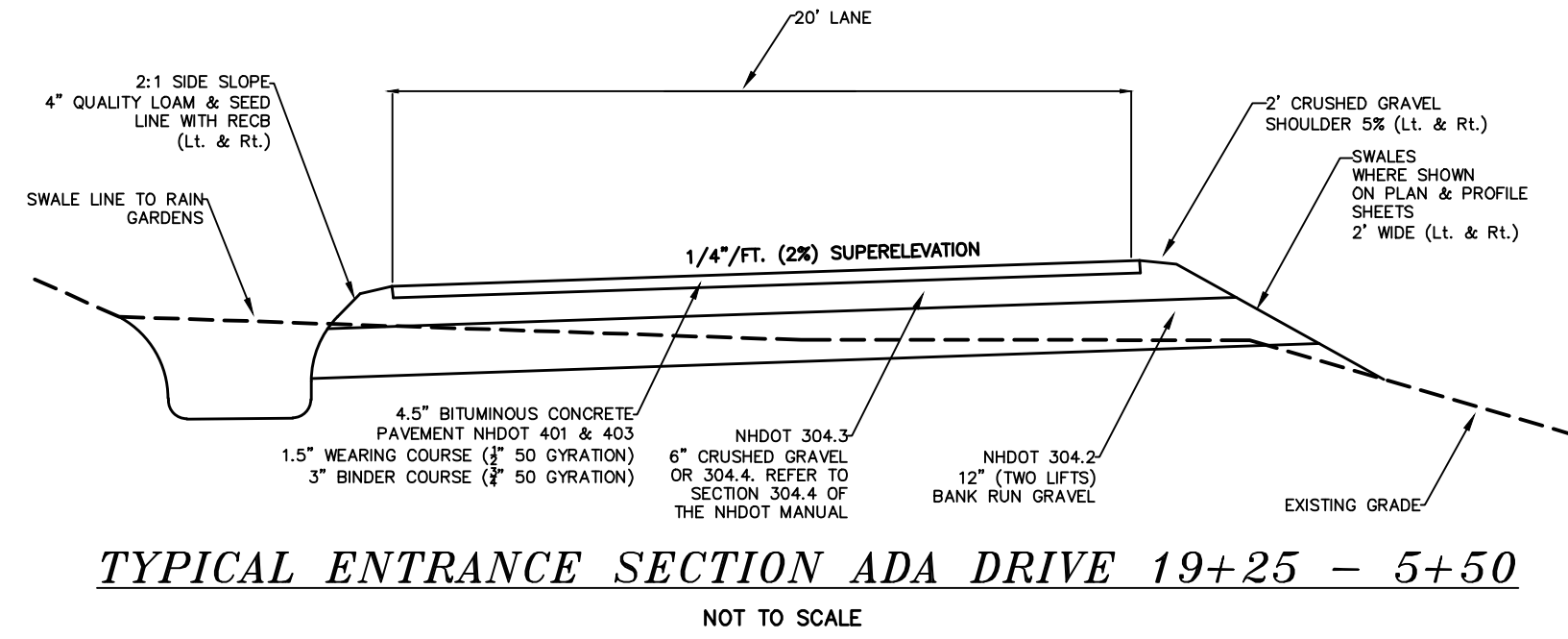


C11

CROSS SECTION NOTES

1. ALL ROADWAY FILL TO BRING ROAD TO SUBGRADE SHALL BE INSTALLED IN LIFTS NO GREATER THAN 12".
2. ALL FILL SHALL BE COMPACTED 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 ENTRANCE SECTION ADA DRIVE 19+25 - 5+50

NOT TO SCALE

C14

LAMP "B" MOUNTED 15' ABOVE GRADE



D-Series Pole Mount LED Area Luminaire

Specifications Luminaire

EPA: 0.8 ft² (0.74 m²)
 Width: 13.34" (341 mm)
 Length: 11.5" (293 mm)
 Height: 8" (203 mm)
 Weight: 16.50 lbs (7.5 kg)

Ordering Information EXAMPLE: D5XWPM LED 20C 1000 40K 15M VOLT SPUMBA DBBXD

Order	LED	Color Temp	Beam Spread	Output	Mounting	Notes
D5XWPM	LED	20C	1000	40K	15M	VOLT SPUMBA DBBXD

C12

Cone Grates Top Mount



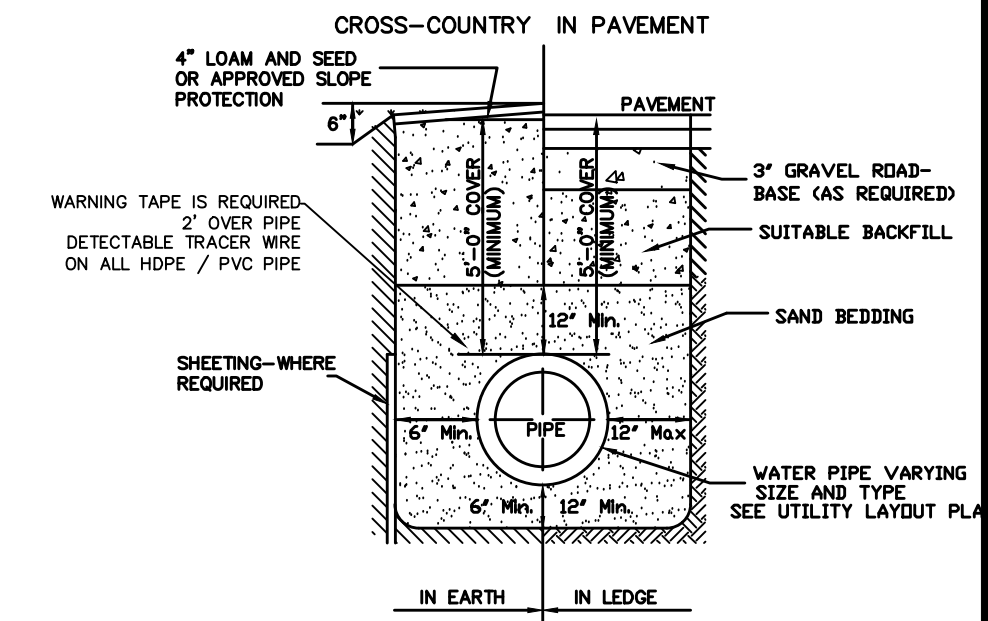
CG12TM
Part No. CG12TM

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.

- Plate and bar hybrid design is both clean and cost effective
- Made from 12" plates with 3/4" or 1" round bars depending on grate size
- Anti vortex plate can be added upon request
- Hinged and lockable access doors can be added upon request
- Galvanized steel construction. Can be made from aluminum or stainless steel.

NOTE: MUST BE HAALA INDUSTRIES INC. OR EQUAL

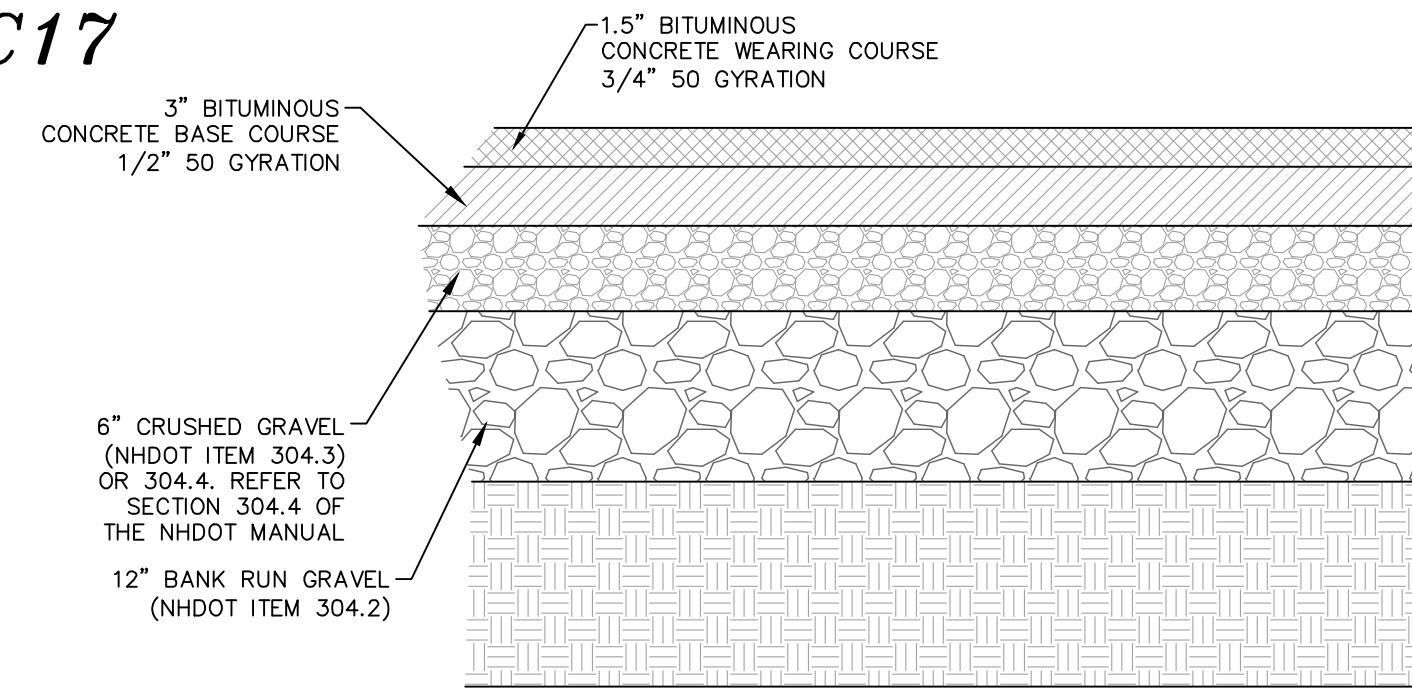
C13



TYPICAL TRENCH DETAIL FOR WATER SYSTEM

NOT TO SCALE

C17

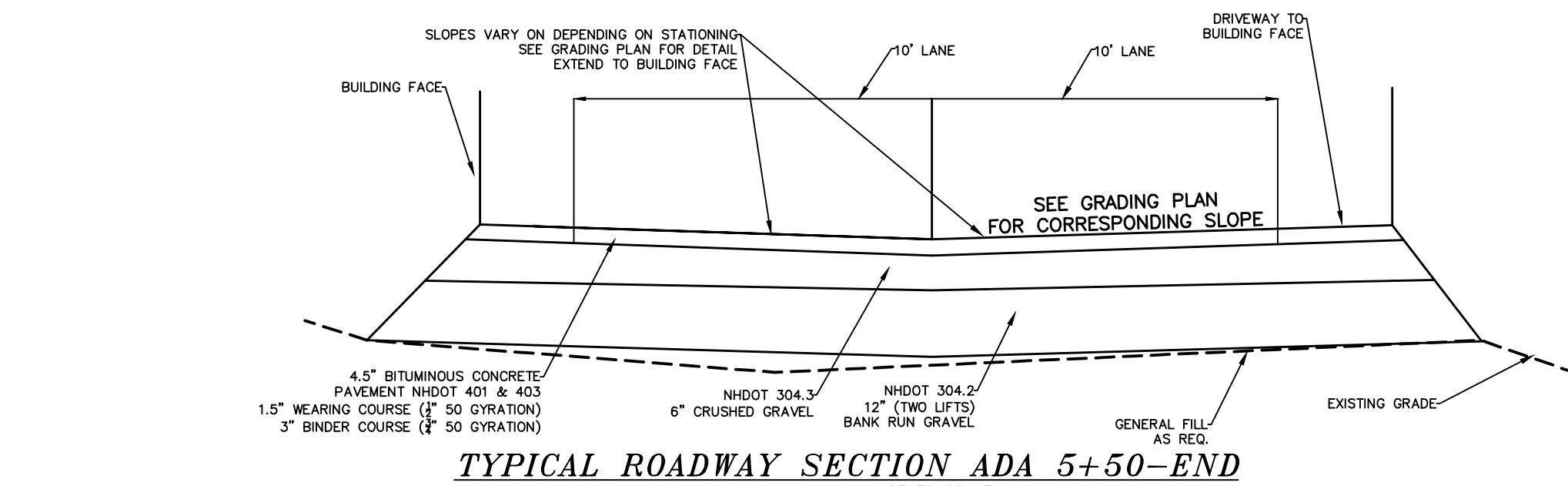


BITUMINOUS CONCRETE PAVEMENT SECTION

NOT TO SCALE

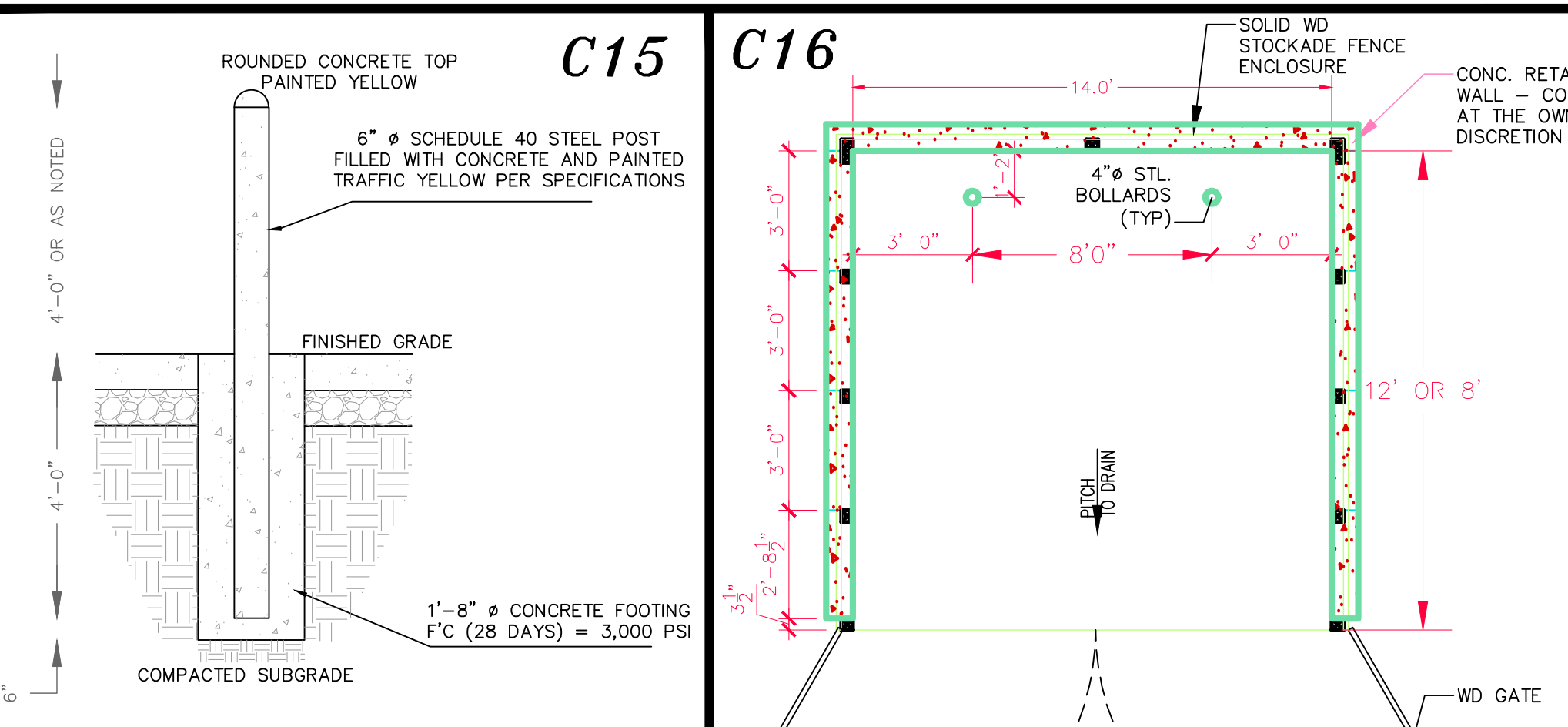
NOTES:

- 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



TYPICAL ROADWAY SECTION ADA 5+50-END

NOT TO SCALE

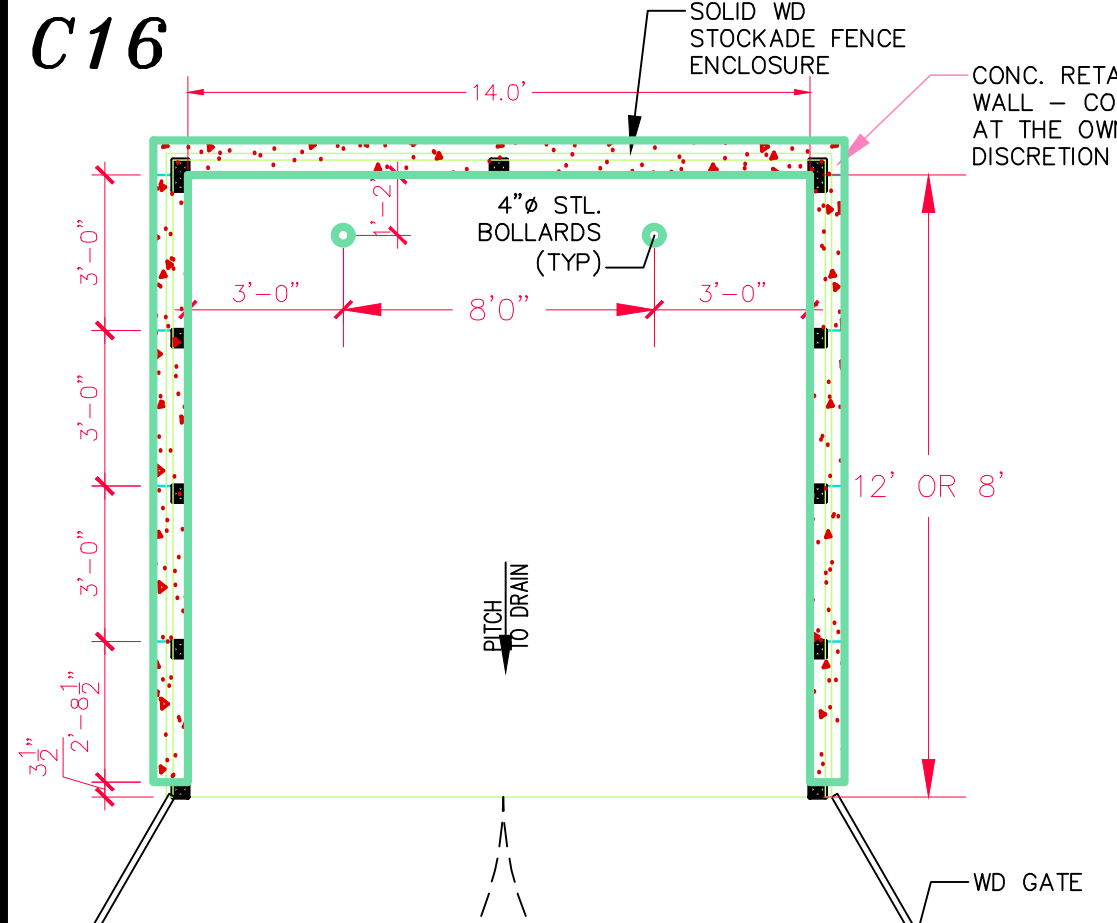


BOLLARD DETAIL

NOT TO SCALE

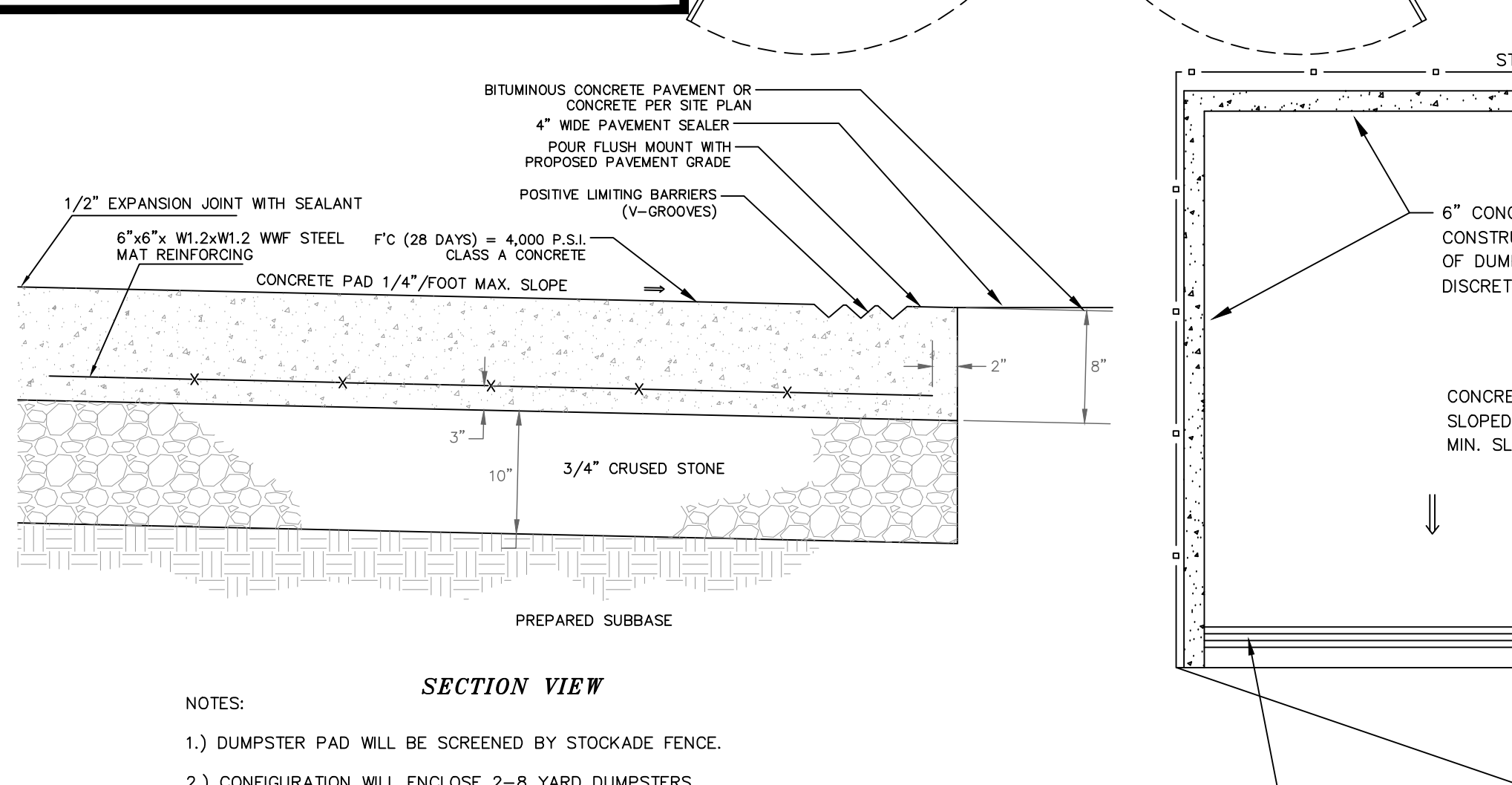
C15

C16



DUMPSTER SLAB DETAILS

NOT TO SCALE



DUMPSTER PAD & CONCRETE PAVEMENT

NOT TO SCALE

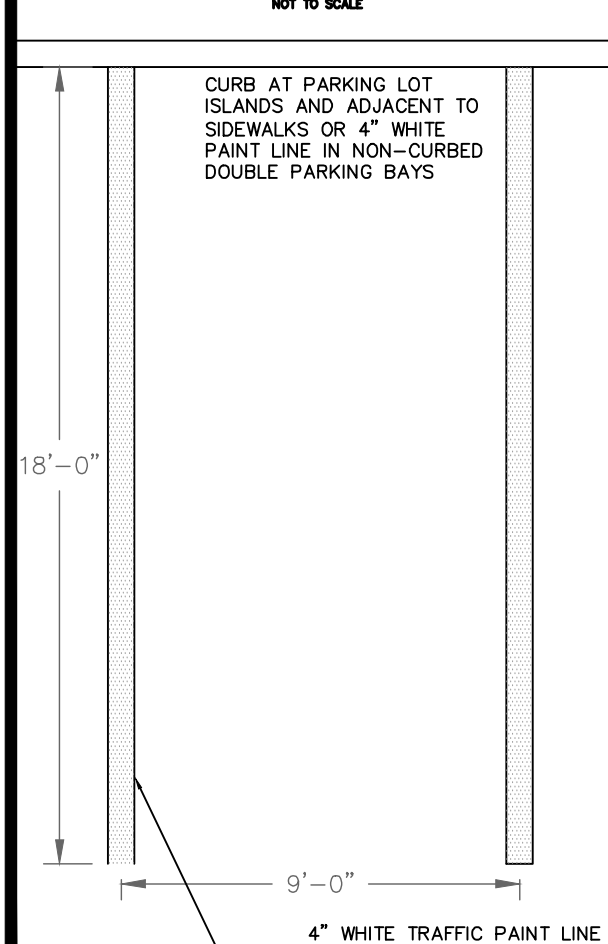
NOTES:

- 1.) DUMPSTER PAD WILL BE SCREENED BY STOCKADE FENCE.
- 2.) CONFIGURATION WILL ENCLOSE 2-8 YARD DUMPSTERS.

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

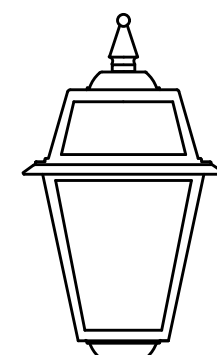
PARKING SPACE DETAIL



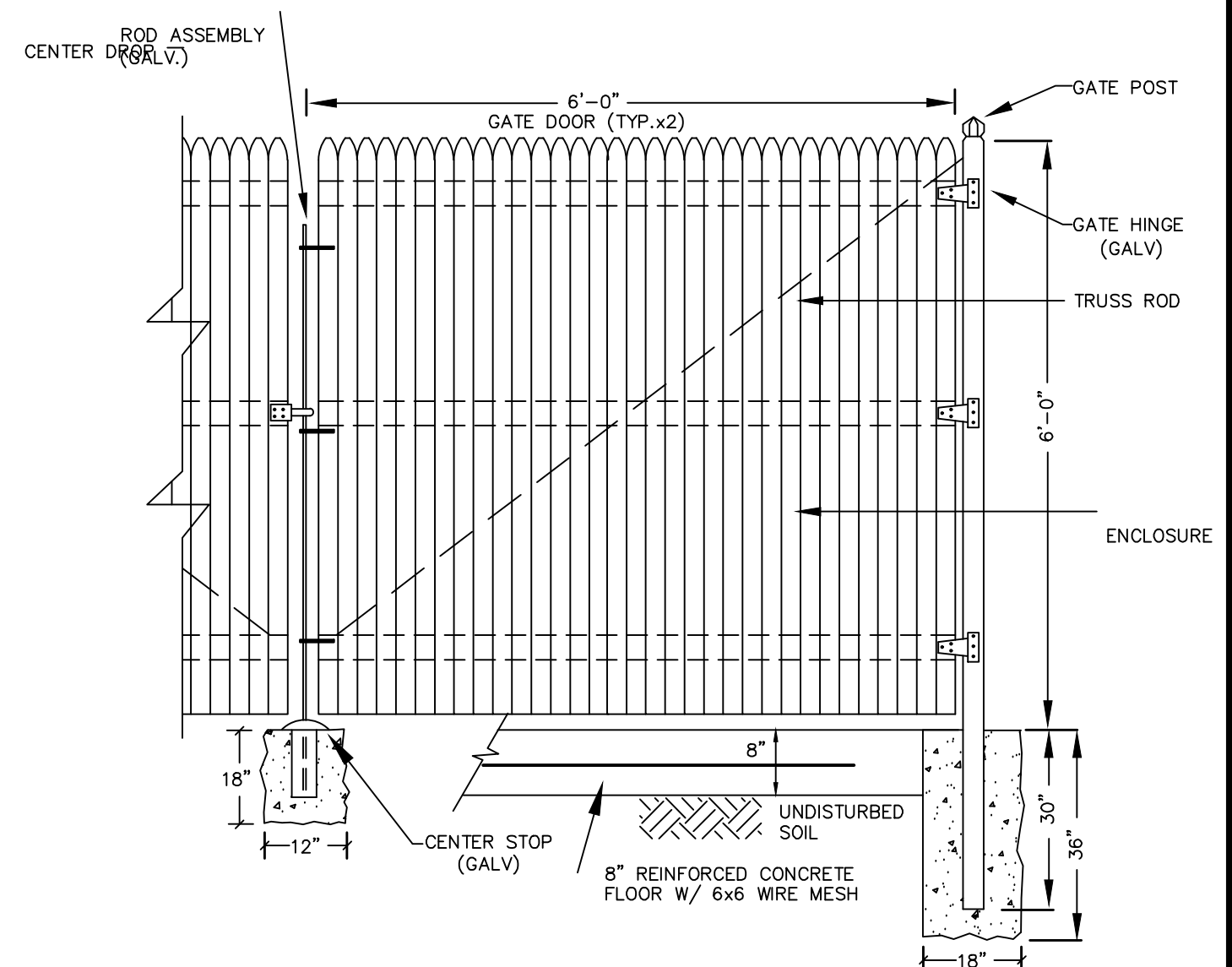
C18

C19

TYPICAL RESIDENTIAL LAMP "A"



MOUNTED 8' ON UNITS



STOCKADE DUMPSTER ENCLOSURE DETAIL

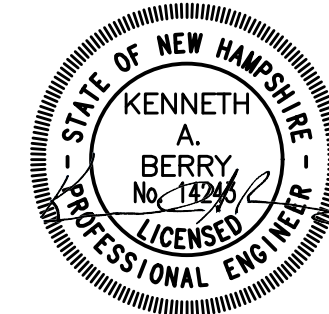
NOT TO SCALE

C-102

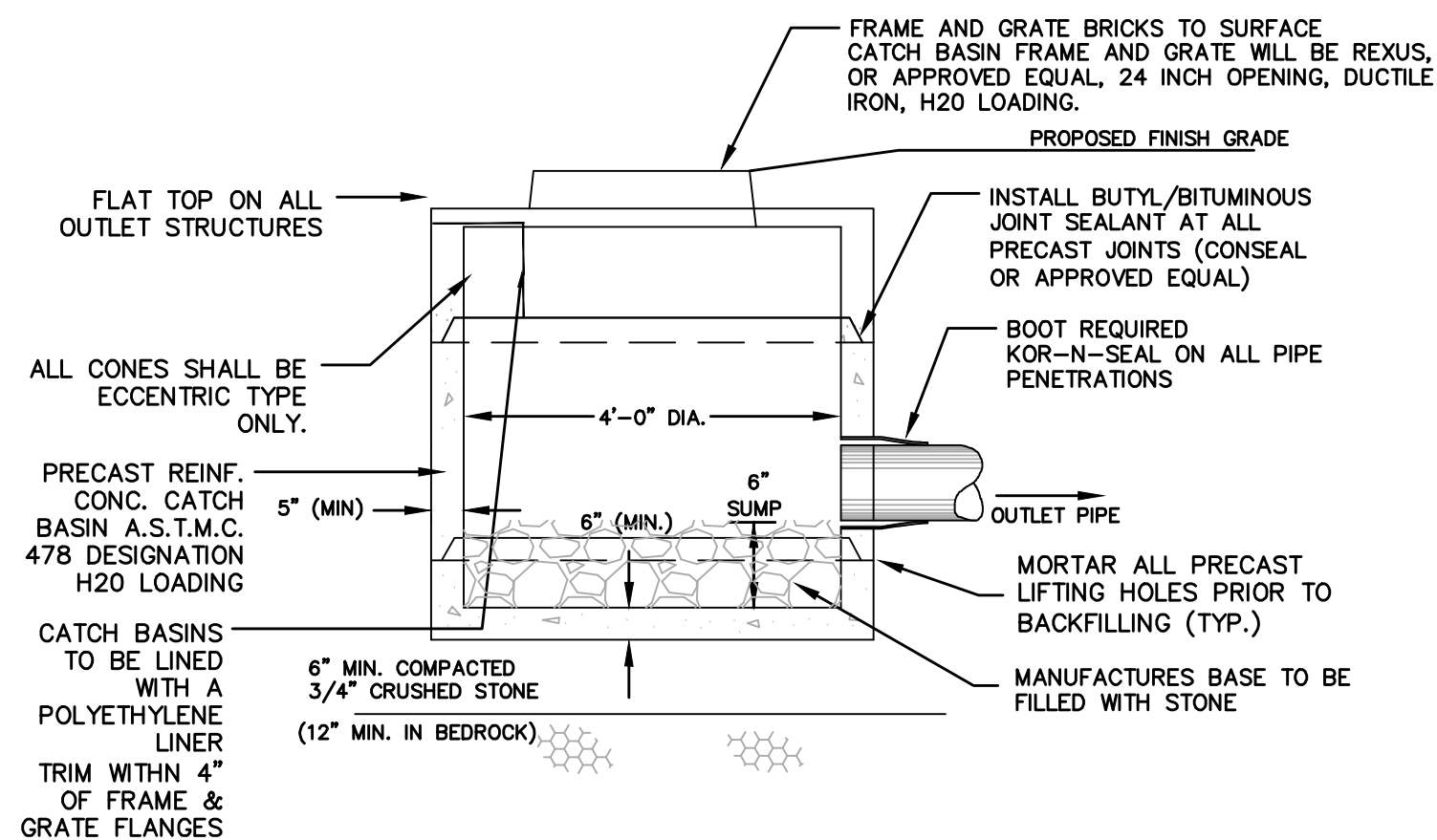
REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED FOR CONDITIONS OF APPROVAL
#5	11-23-20	REVISED FOR NHDOT COMMENT
#4A	8-17-20	REVISED FOR NHDOT COMMENT
#3B	6-1-20	REVISED FOR AOT RFMI

CONSTRUCTION DETAILS
 LAND OF
 DOMUS DEVELOPERS INC.
 US ROUTE 4 / OLD TURNPIKE ROAD
 NOTTINGHAM, N.H.
 TAX MAP 6, LOT 22-3

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



C20



CATCH BASIN DETAIL
NOT TO SCALE

CATCH BASIN FRAME AND GRATE WILL BE REXUS, OR APPROVED EQUAL, 24 INCH OPENING, DUCTILE IRON, H2O LOADING.

C21

HEIGHT	ITEM NO.	WEIGHT
1'-0"	MH4-10040	1,935F
2'-0"	MH4-20040	3,870F
3'-0"	MH4-30040	5,805F
4'-0"	MH4-40040	7,740F
5'-0"	MH4-50040	9,675F
6'-0"	MH4-60040	11,610F

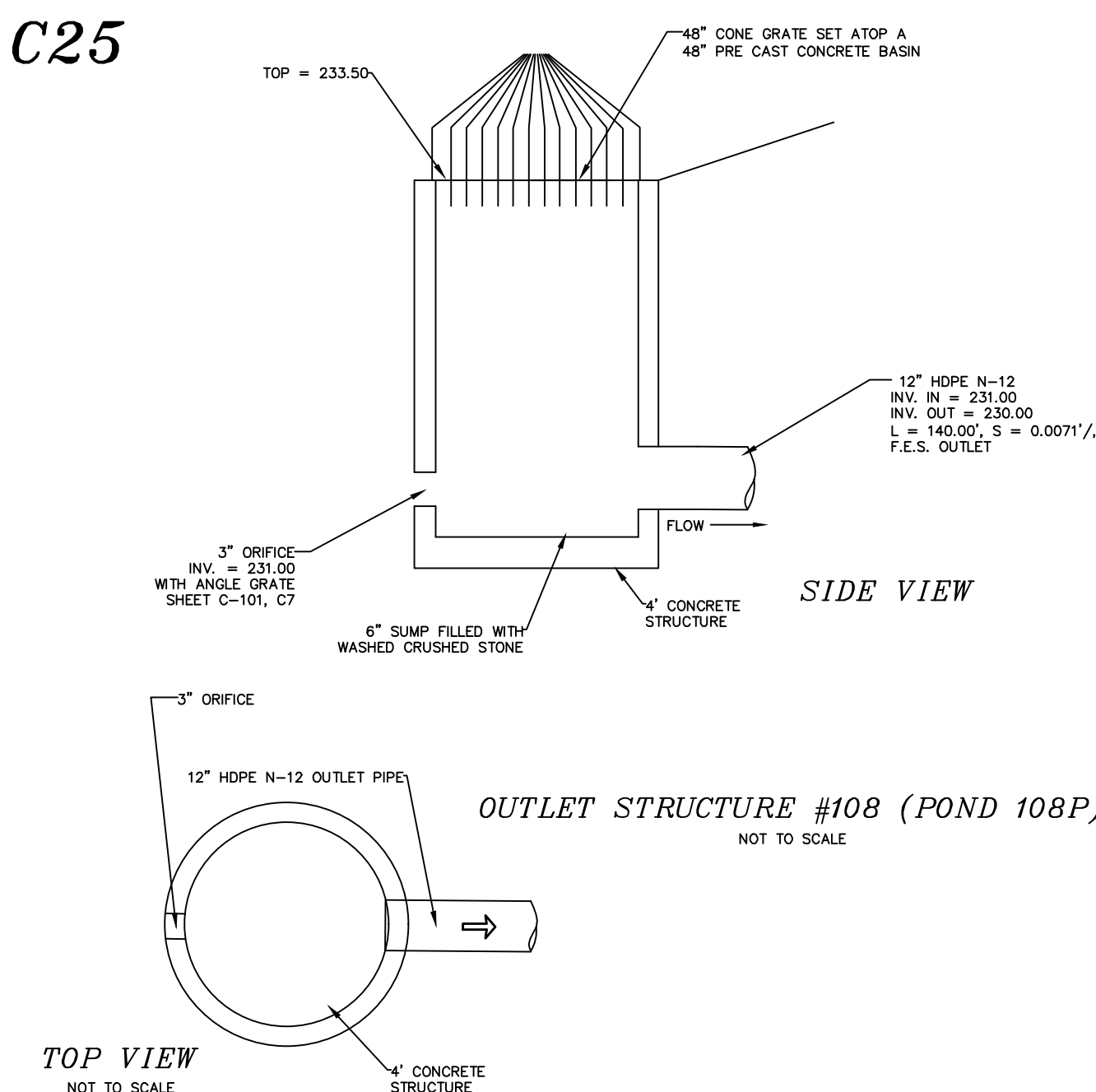
CATCH BASIN GRATE DETAIL
NOT TO SCALE

C22

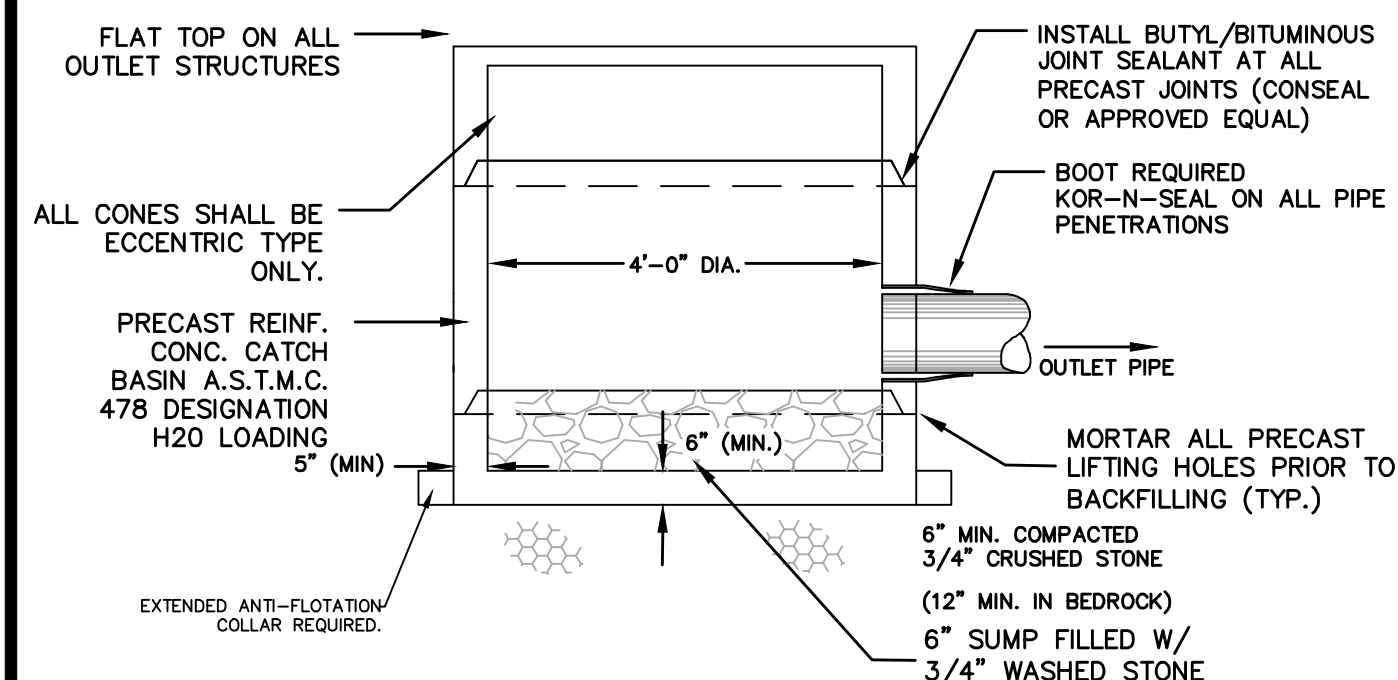
48" MANHOLE ROUND EXTENDED BASE
NOT TO SCALE

HEIGHT	ITEM NO.	WEIGHT
1'-0"	MH4-10040	1,935F
2'-0"	MH4-20040	3,870F
3'-0"	MH4-30040	5,805F
4'-0"	MH4-40040	7,740F
5'-0"	MH4-50040	9,675F
6'-0"	MH4-60040	11,610F

C25

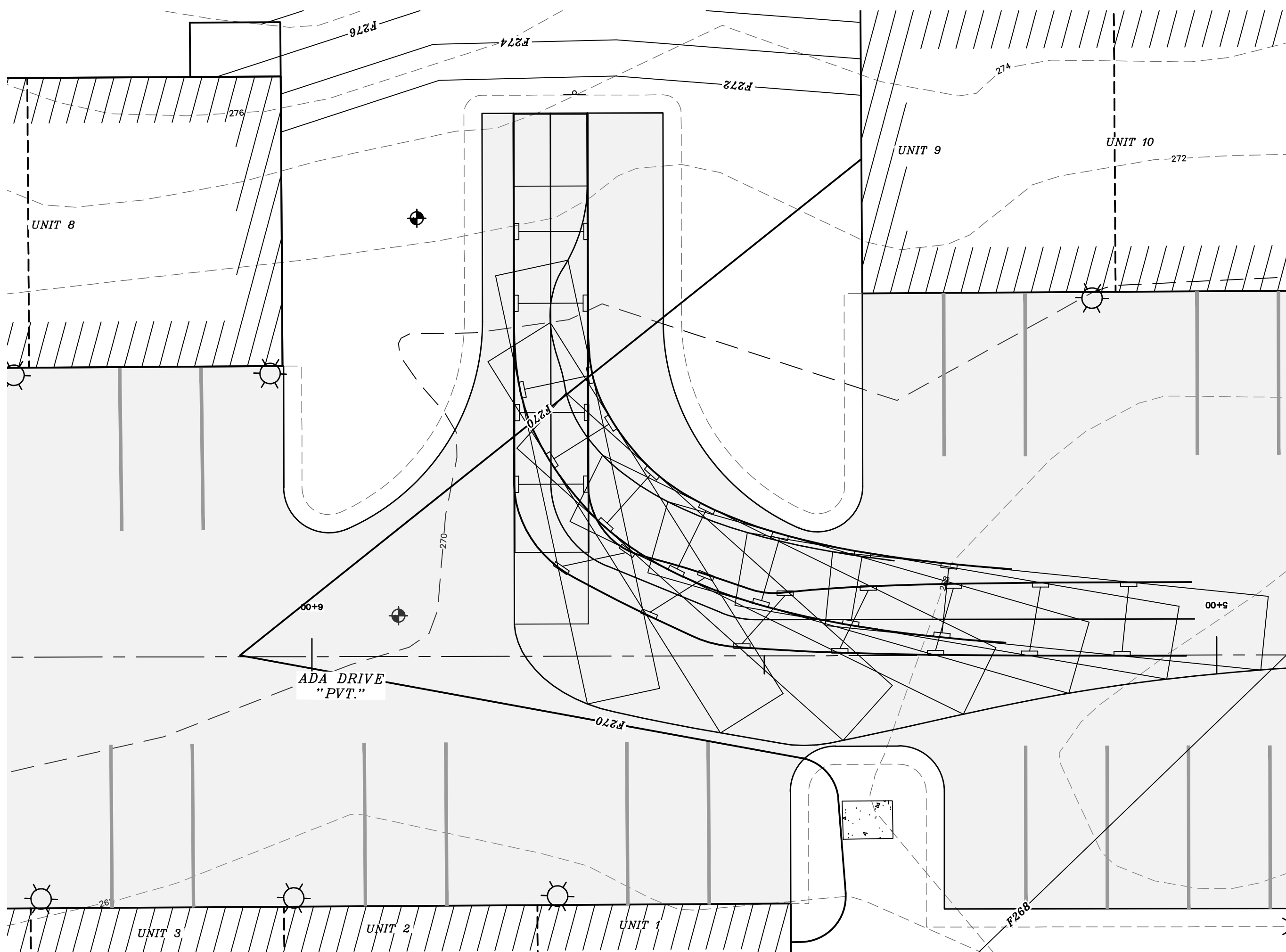


C23



OUTLET STRUCTURE BASE
NOT TO SCALE

C25



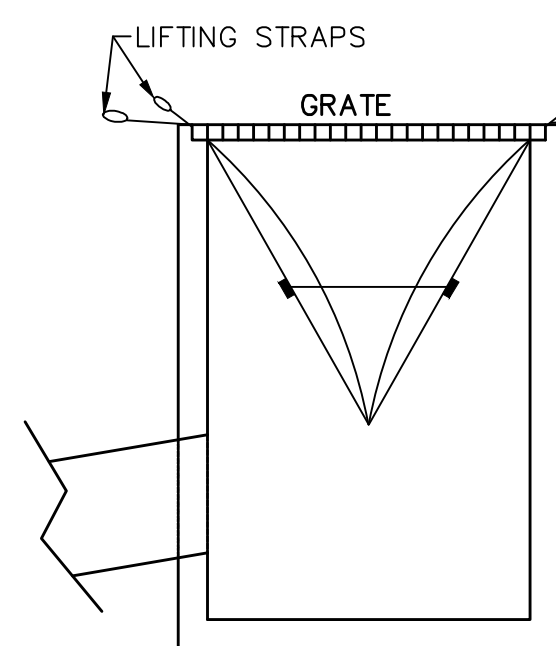
GRAPHIC SCALE



(IN FEET)
1 inch = 10 ft.

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 FLOWS, AND MUST BE INSPECTED AFTER ANY SNOW EVENT AND REPLACED AS REQUIRED.

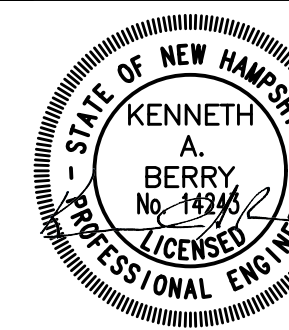
TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, TEMPORARY STORM DRAIN INLET PROTECTION, PAGE 118.

SILTSACK DETAIL
NOT TO SCALE

REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED FOR CONDITIONS OF APPROVAL
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CONSTRUCTION DETAILS
LAND OF
DOMUS DEVELOPERS INC.
#4A
US ROUTE 4 / OLD TURNPIKE ROAD
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TAX MAP 6, LOT 22-3

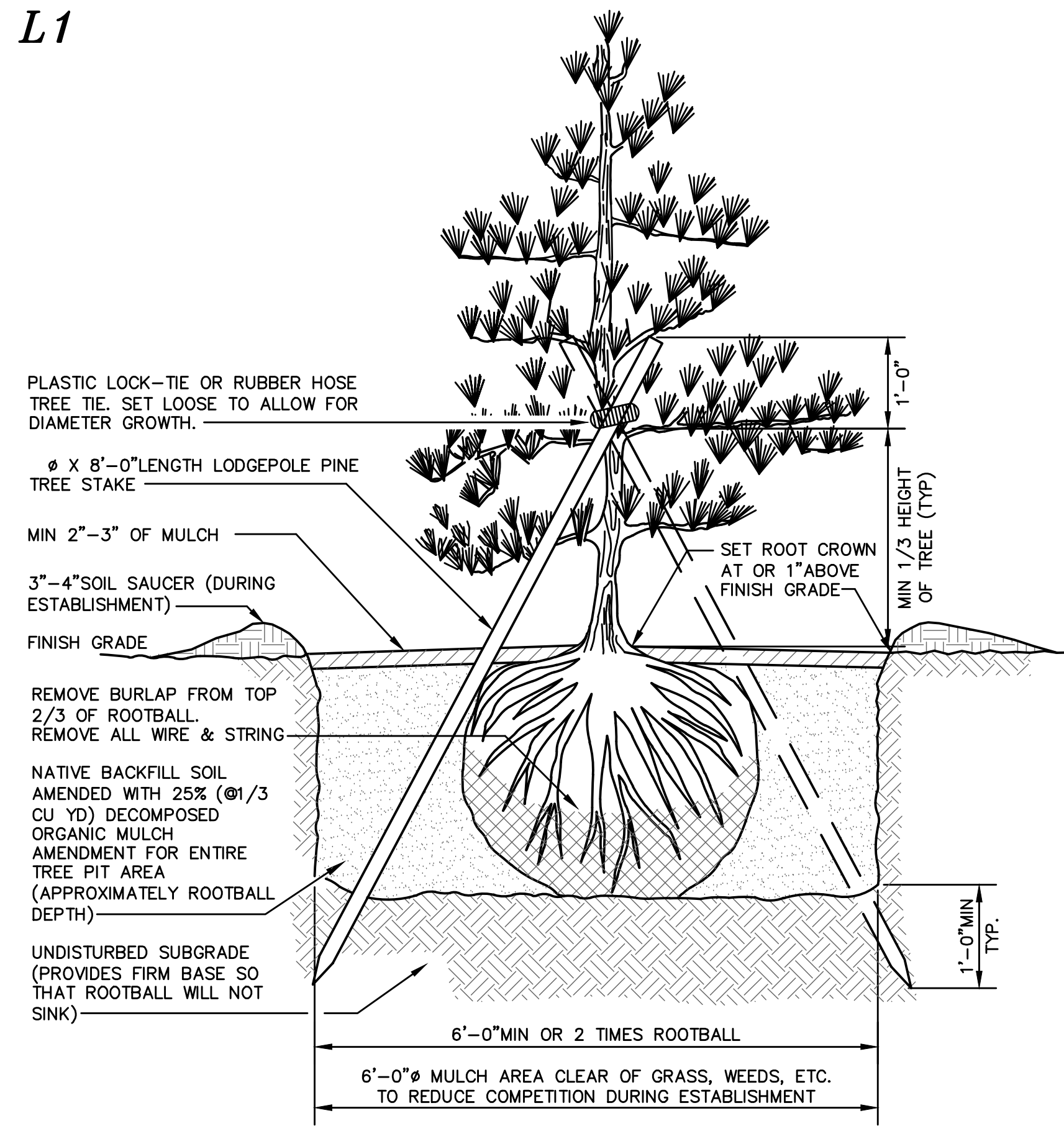
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : AS NOTED
DATE : JUNE 3, 2019
FILE NO. : DB 2018 - 030



C-103

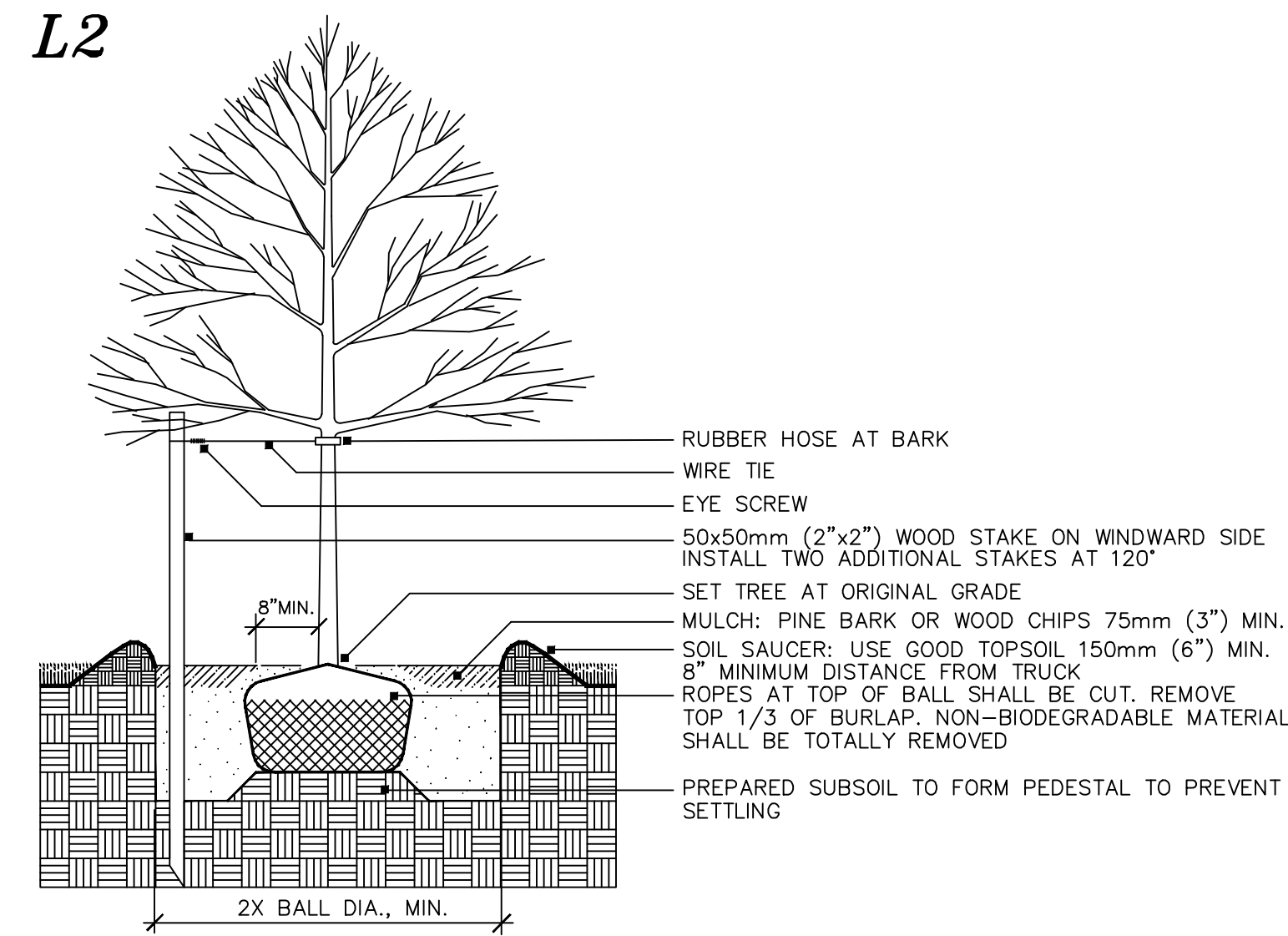
SHEET 26 OF 36

L1



CONIFEROUS TREE PLANTING

L2



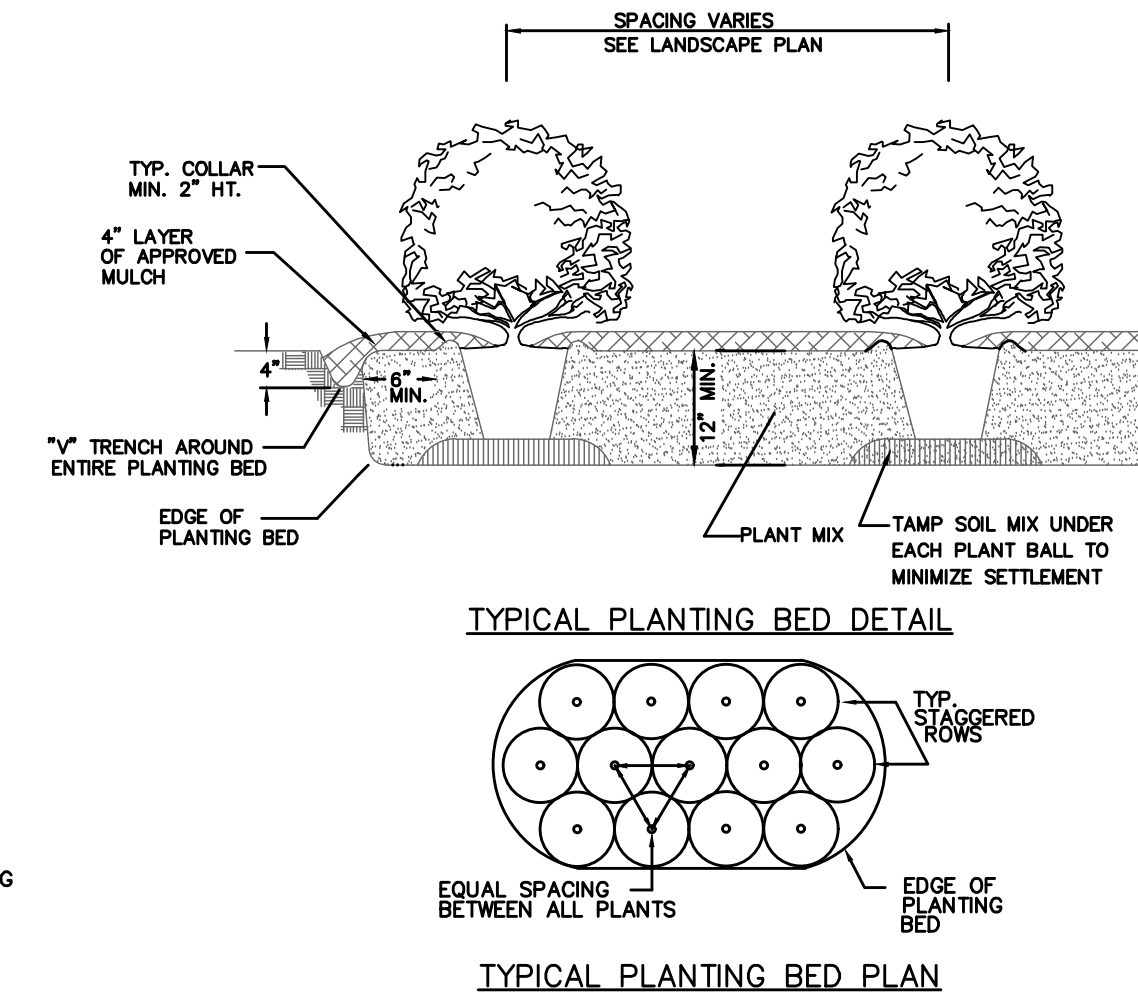
DECIDUOUS TREE PLANTING

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

L3

NOTES:

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



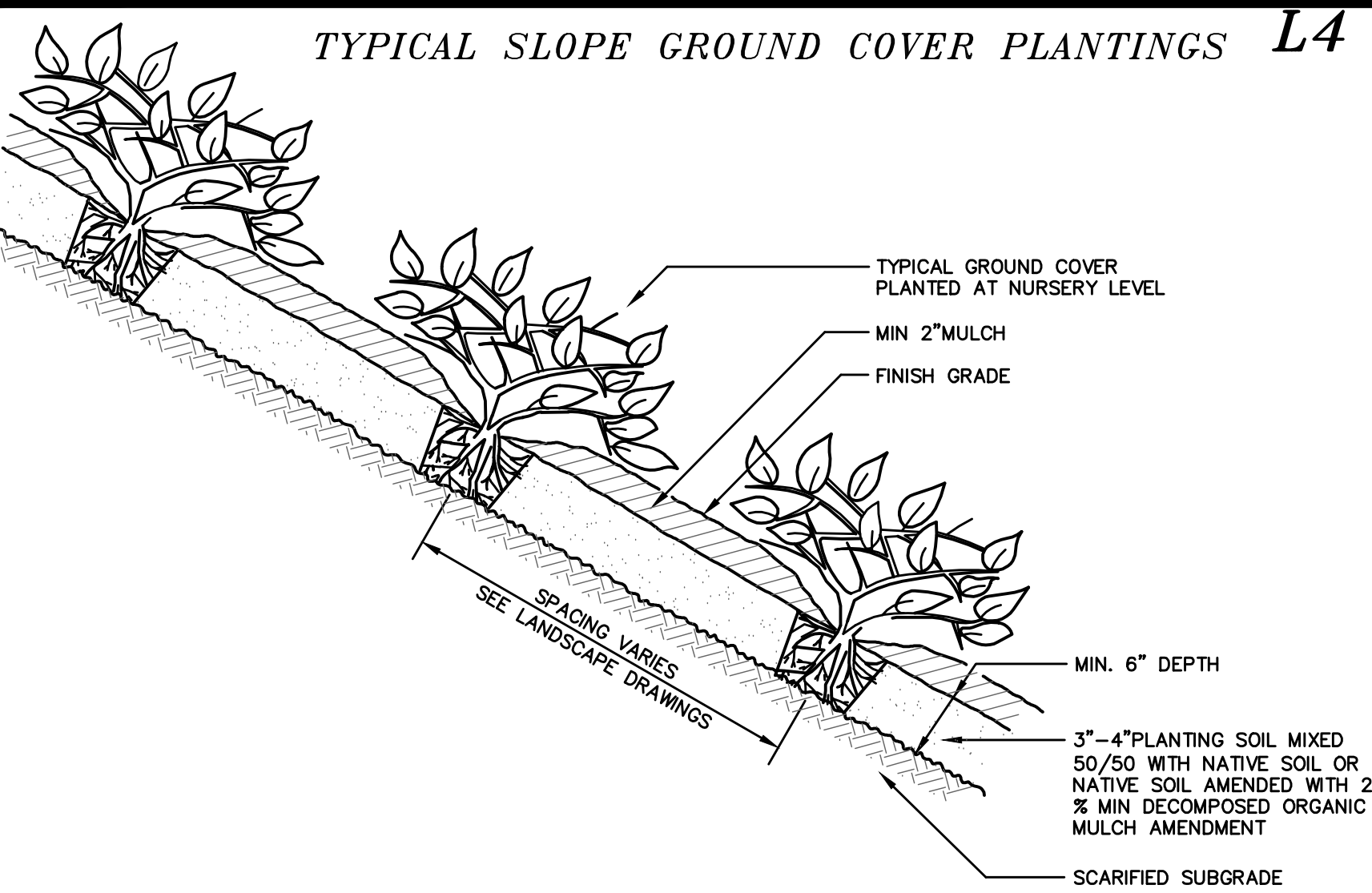
SHRUB & HEDGE PLANTING

L6

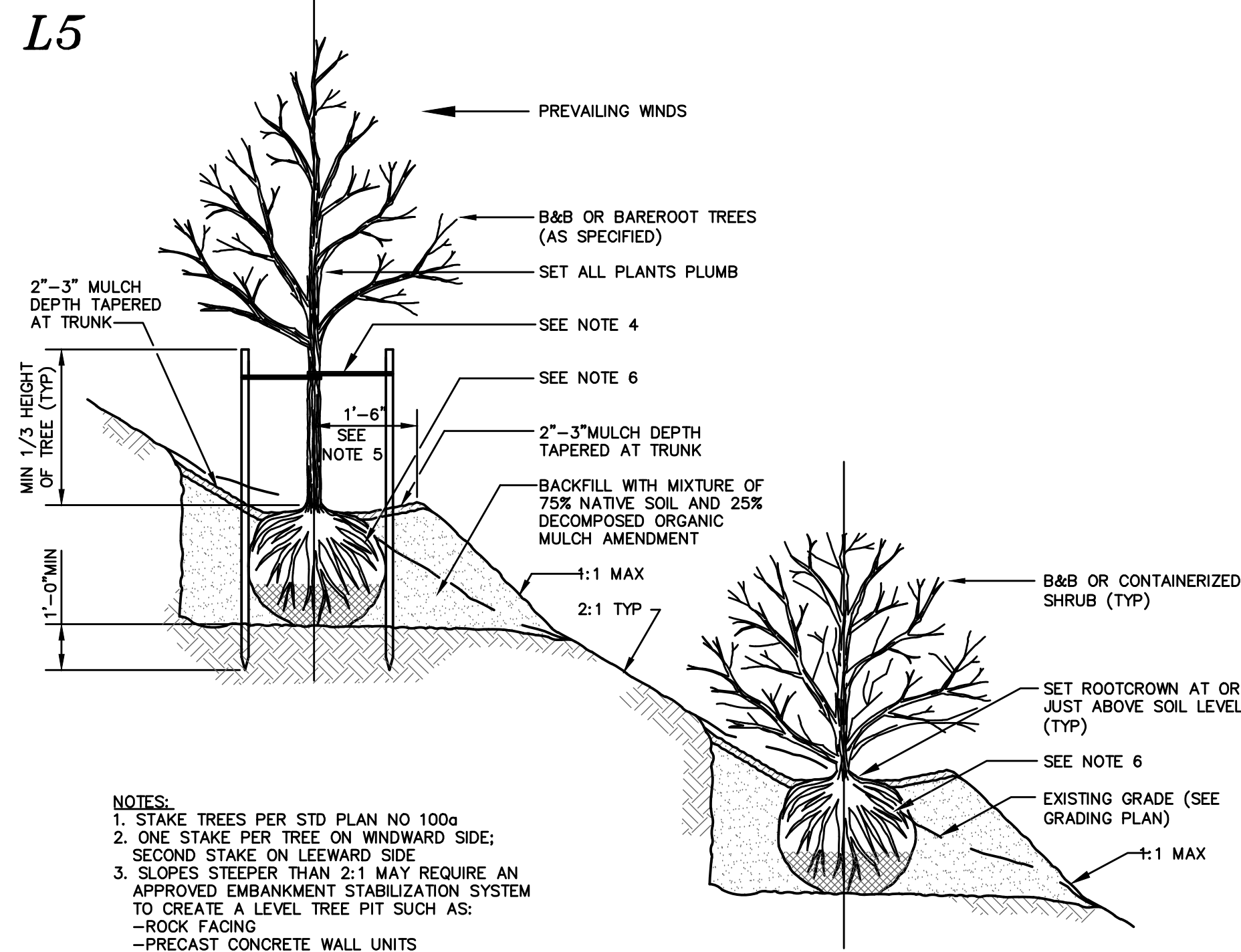
NOTES:

- 1.) 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.
- 2.) CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL SITE CONDITIONS PRIOR TO CONSTRUCTION BIDDING. SEE NOTE XXX ON OVERALL SITE PLAN.
- 3.) PROVIDED SMOOTH TRANSITION WHERE NEW WORK MEETS EXISTING CONDITIONS.
- 4.) ALL PLANT MATERIAL INSTALLED SHALL MEET THE SPECIFICATIONS OF "AMERICAN STANDARD FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
- 5.) ALL PLANT MATERIALS SHALL BE FREE FROM INSECTS AND DISEASE.
- 6.) 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.
- 7.) ALL GRASS, OTHER VEGETATION AND DEBRIS SHALL BE REMOVED FROM ALL PLANTING AREAS PRIOR TO PLANTING.
- 8.) 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.
- 9.) NEW PLANTINGS SHALL BE INSTALLED PER PROJECT DRAWINGS AND SPECIFICATION THAT INCLUDE FERTILIZATION AND MULCHING AS REQUIRED.
- 10.) ALL SHRUB BEDS AND TREE PITS SHALL BE MULCHED WITH 3" CLEAN SHREDDED BLACK MULCH.
- 11.) 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.
- 12.) 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.
- 13.) 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.
- 14.) 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.
- 15.) 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.
- 16.) ALL PLANTINGS SHALL BE WATERED REGULARLY DURING THEIR FIRST YEAR AND MAINTAINED PERMANENTLY IN GOOD GROWING CONDITION AS AN EFFECTIVE VISUAL SCREEN.
- 17.) 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.
- 18.) ALL REQUIRED LANDSCAPING SHALL BE INSTALLED BEFORE OCCUPANCY, OR WITHIN SIX MONTHS IF OCCUPANCY OCCURS DURING WINTER CONDITIONS.
- 19.) TREES ARE TO BE 2-2.5" CALIPER 6" OFF THE ROOT BALL.
- 20.) ALL PLANT STOCK SHALL CONFORM TO ANSI Z260.1 - NURSERY STOCK, LATEST EDITIONS (AMERICAN ASSOCIATION OF NURSERYMEN, INC.)
- 21.) 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.
- 22.) 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.
- 23.) 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

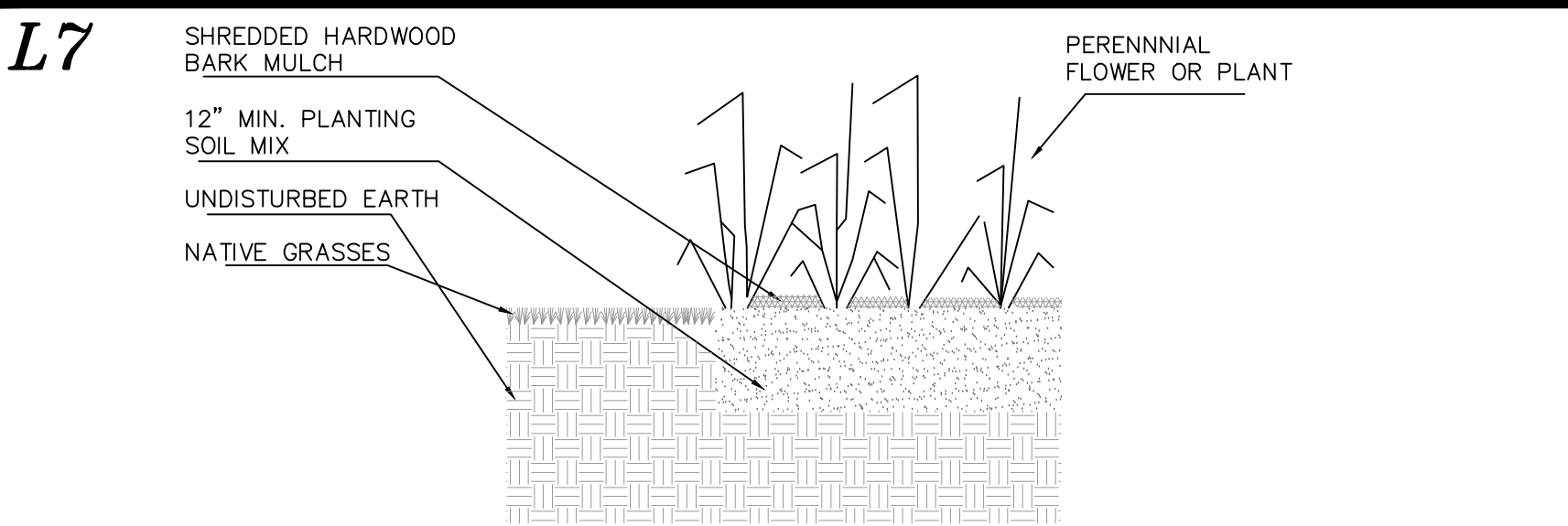


TREE PLANTING ON SLOPES

NOTES:

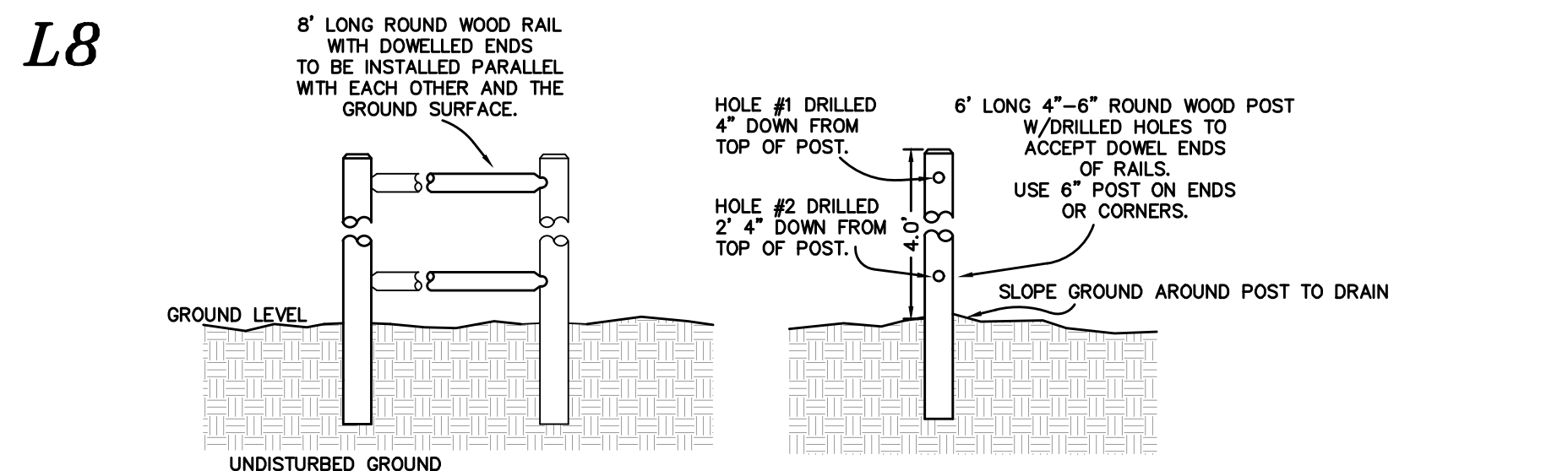
1. STAKE TREES PER STD PLAN NO 100g
2. ONE STAKE PER TREE ON WINDWARD SIDE; SECOND STAKE ON LEeward SIDE
3. SLOPES STEEPER THAN 2:1 MAY REQUIRE AN APPROVED EMBANKMENT STABILIZATION SYSTEM TO CREATE A LEVEL TREE PIT SUCH AS:
-ROCK FACING
-PRECAST CONCRETE WALL UNITS
-TIMBER WALL
-MANUFACTURED SLOPE RETENTION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

L7



PERENNIAL PLANTING DETAIL

L8

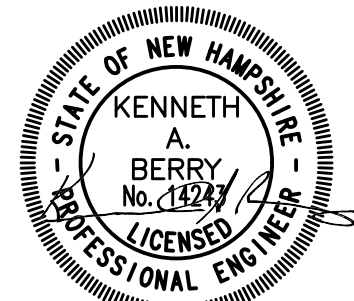


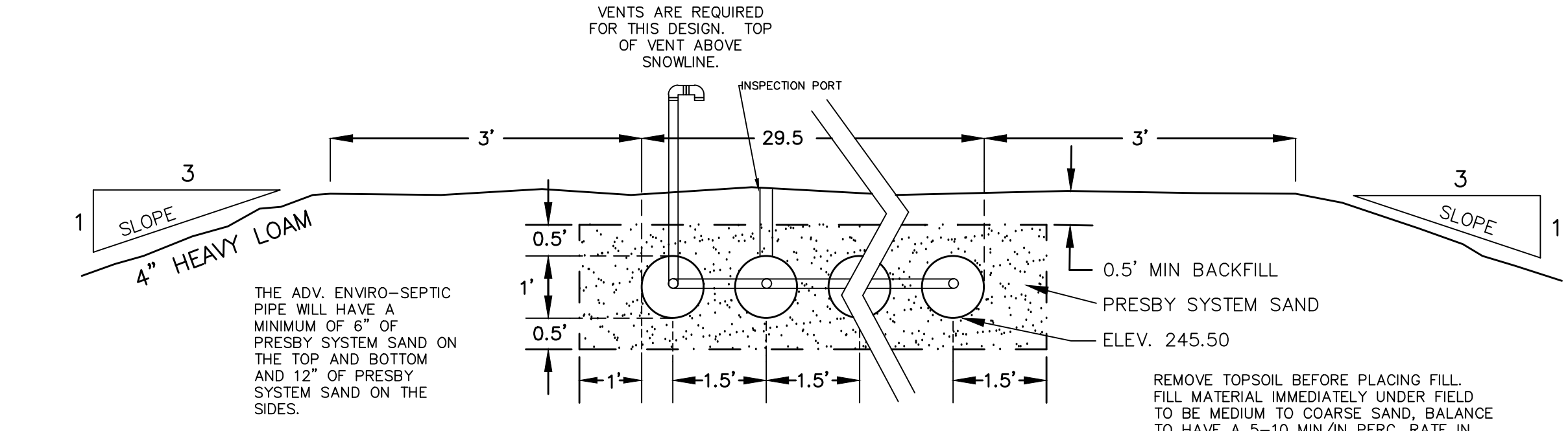
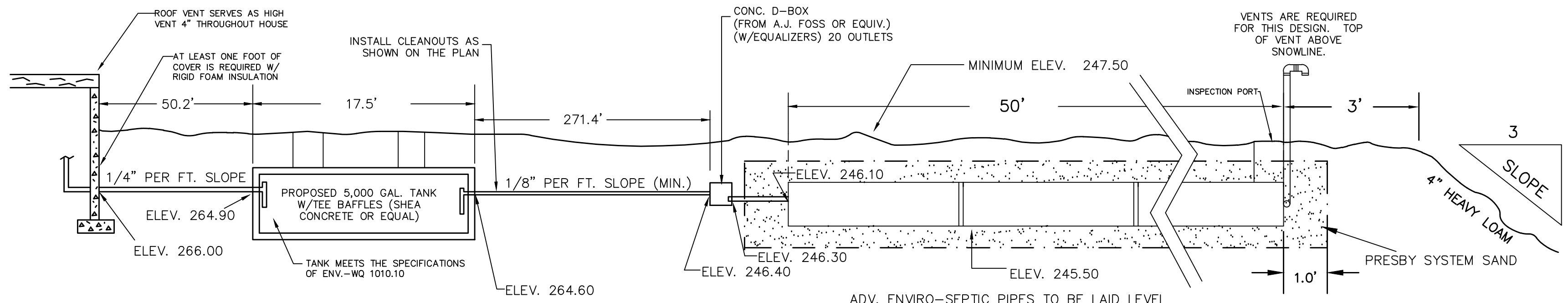
TYPICAL POST & RAIL FENCE DETAIL N.T.S.

REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED FOR CONDITIONS OF APPROVAL
#5	11-23-20	REVISED FOR NHDES COMMENT
#4A	8-17-20	REVISED FOR NHDOT COMMENT
#3B	6-1-20	REVISED FOR A&T RFMI

LANDSCAPING CONSTRUCTION DETAILS	
COMPOSITE DETAILS	LAND OF
	DOMUS DEVELOPERS INC.
	US ROUTE 4 / OLD TURNPIKE ROAD
	NOTTINGHAM, N.H.
	TAX MAP 6, LOT 22-3

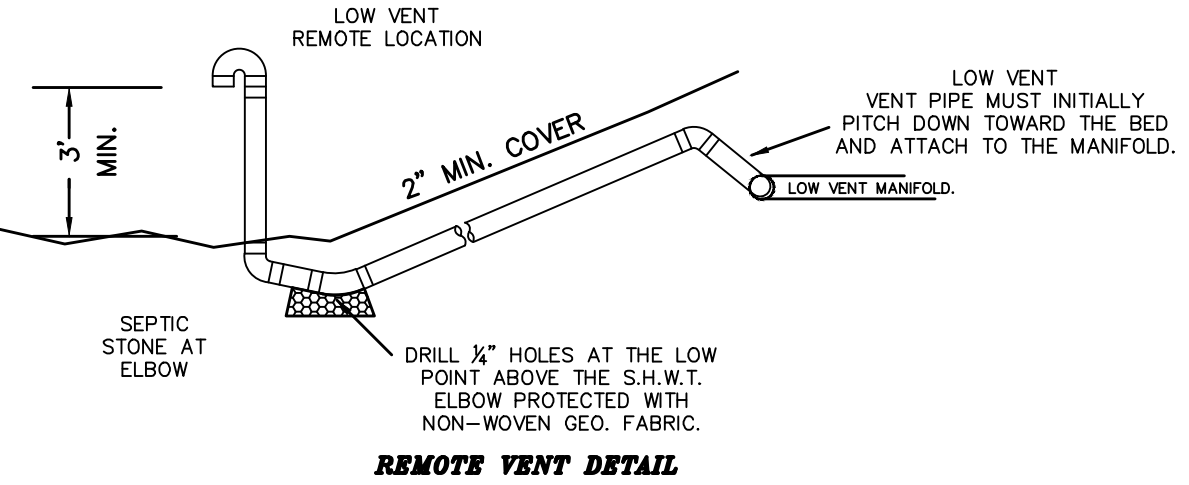
BERRY SURVEYING & ENGINEERING	AS NOTED	DATE : JUNE 3, 2019	FILE NO. : DB 2018 - 030
335 SECOND CROWN POINT ROAD			
BARRINGTON, NH 03825 (603)332-2863			





PROFILE OF SEPTIC SYSTEM

SOLID PLASTIC PIPE IS 4" SDR35. ALL CONNECTIONS BETWEEN THE SEPTIC TANK AND THE PIPES LEADING TO AND EXITING FROM THE TANK SHALL BE SEALED WITH A WATERTIGHT, FLEXIBLE JOINT CONNECTOR.



LOT LOADING:

43C GROUP 2, 8-15% SLOPE = 184,411 Sq. Ft. = 4.23 Ac.
 43D GROUP 2, 15-25% SLOPE = 560,902 Sq. Ft. = 12.88 Ac.
 63C GROUP 2, 8-15% SLOPE = 158,832 Sq. Ft. = 3.65 Ac.

$Q = (4.23Ac. \times 2000 \text{ GPD}/Ac.) / 1.43 \text{ FACTOR} = 5,921 \text{ GPD}$
 $Q = (12.88Ac. \times 2000 \text{ GPD}/Ac.) / 1.56 \text{ FACTOR} = 16,508 \text{ GPD}$
 $Q = (3.65Ac. \times 2000 \text{ GPD}/Ac.) / 1.43 \text{ FACTOR} = 4,675 \text{ GPD}$

TOTAL GPD = 27,104 GPD

SOIL DATA :

43C CANTON FINE SANDY LOAM 8-15%
 43D CANTON FINE SANDY LOAM 15-25%
 63C CHALRTON FINE SANDY LOAM 8-15%

SEE WEBSOIL

TEST PIT DATA:

TEST PIT #630
 0-4" 10YR 3/2, VERY DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 4-22" 10YR 5/8, YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 22-27" 2.5Y 5/6, LIGHT OLIVE BROWN, FINE SAND, SINGLE GRAIN, LOOSE
 27-50" 2.5Y 5/6, LIGHT OLIVE BROWN, FINE SAND, PLATY, FIRM BOULDERS
 TERMINATED @ 50"
 E.S.H.W.T @ 27"
 PERC = 12 MIN/IN
 NO REFUSAL

TEST PIT #631
 0-4" 10YR 3/2, VERY DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 4-24" 10YR 5/8, YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 24-52" 2.5Y 5/6, LIGHT OLIVE BROWN, FINE SAND, SINGLE GRAIN, LOOSE
 TERMINATED @ 52"
 E.S.H.W.T @ 24"
 PERC = 8 MIN/IN

CALCULATIONS :

(4) 3 BEDROOM UNITS, 1800 GPD
 USE 5,000 GAL. SINGLE COMPARTMENT SEPTIC TANK.
 (FROM A.J. FOSS OR EQUIV.)

6 MIN/IN MEASURED PERC RATE
 6 MIN/IN DESIGN PERC RATE
 900 - MIN. LENGTH ADV. ENVIRO SEPTIC PIPE REQUIRED
 1000 - PROPOSED LENGTH OF ADV. ENVIRO SEPTIC PIPE
 1000 - TOTAL NUMBER OF 10' SECTIONS OF ADV. ENVIRO SEPTIC PIPE REQUIRED
 20 ROWS OF ADV. ENVIRO SEPTIC PIPE, EACH ROW 50' 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 !!!!!

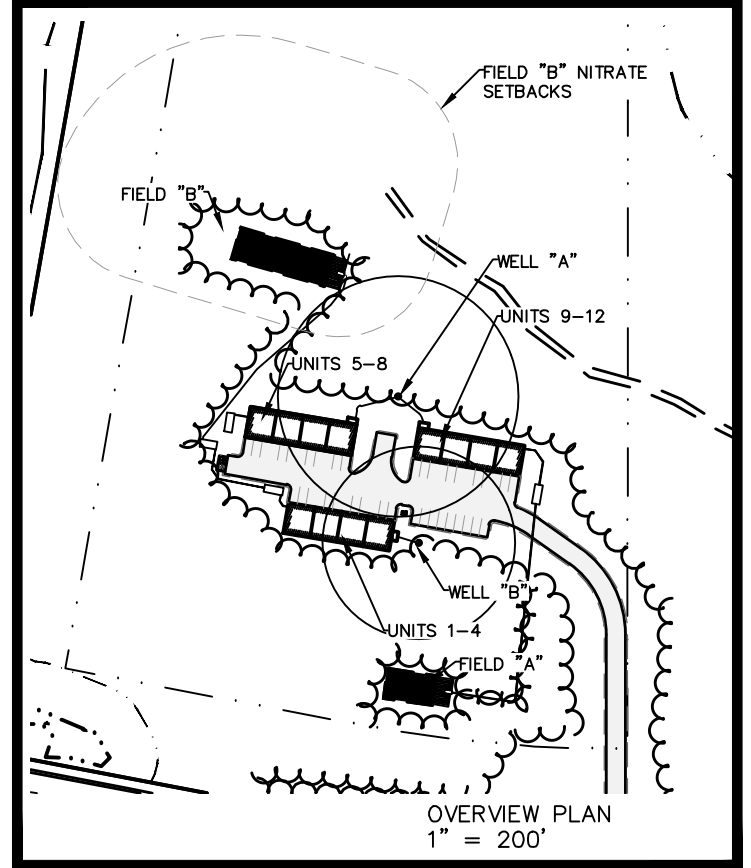
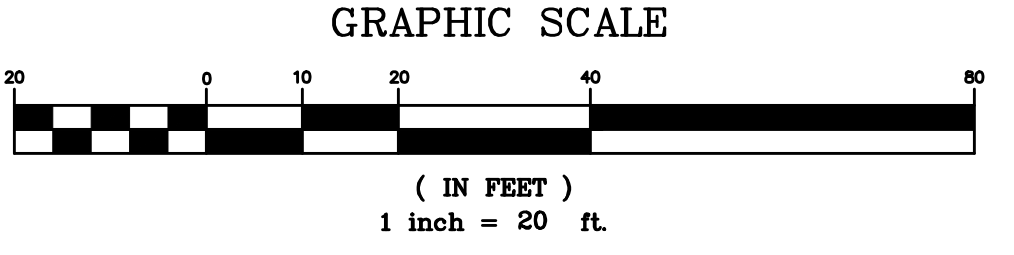
ANY DEVIATION FROM THIS PLAN IN GRADE OR LOCATION OF THE SEPTIC SYSTEM WHEN CONSTRUCTED WITHOUT THE APPROVAL OF THE DESIGNER AND NH-DES SUBSURFACE SYSTEMS BUREAU MAY RESULT IN THE FAILURE OF THE SYSTEM TO PASS INSPECTION BY NH-DES SUBSURFACE SYSTEMS BUREAU PRIOR TO OPERATION APPROVAL, OR FUNCTION PROPERLY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

ELEVATIONS :

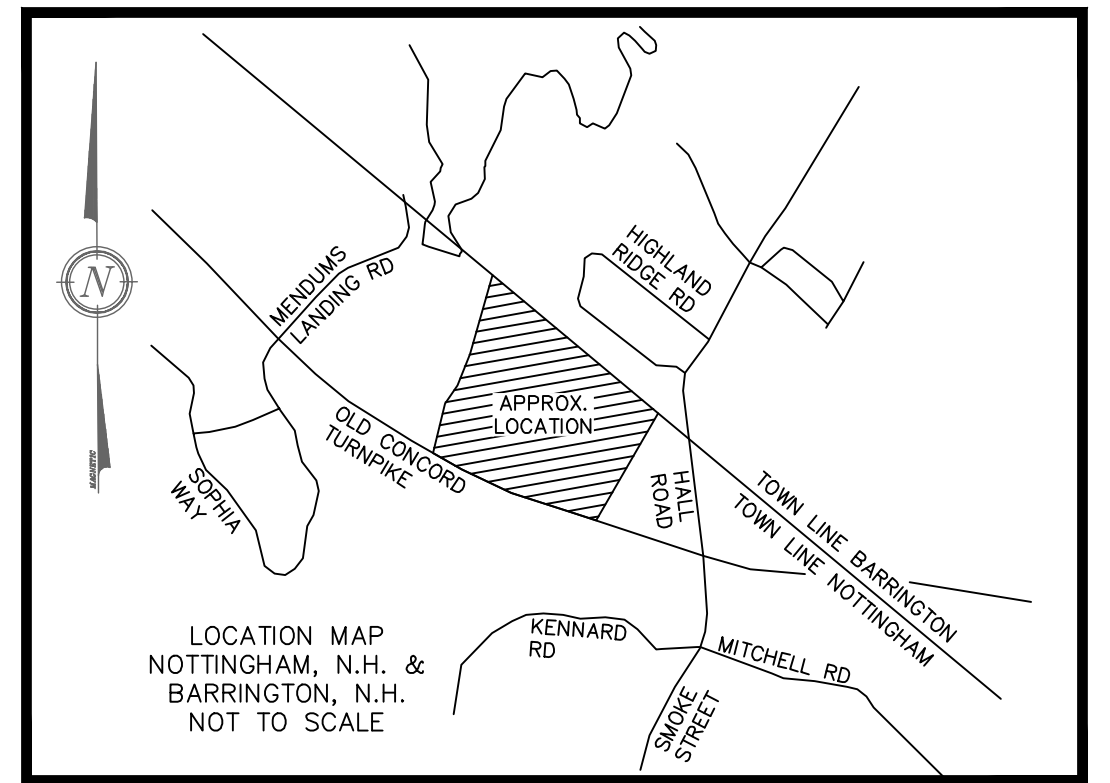
245.00 - HIGH POINT OF LEACH BED
 243.00 - S.H.W.T.
 N/A - IMPERVIOUS LAYER
 245.50 - BOTTOM OF ADV. ENVIRO-SEPTIC PIPES

PLAN INTENT :

THE SEPTIC SYSTEM IS TO BE CONSTRUCTED WITH THE BOTTOM OF THE LEACH BED 0.50' ABOVE THE HIGH POINT OF THE EXISTING LAND.
 IN THE EVENT OF LEACH BED FAILURE, IT MAY BE REBUILT IN PLACE WITH NHDES APPROVAL.

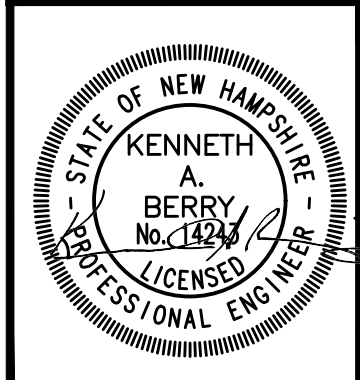


- NOTES:**
- OWNER: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
 - DESIGNER: CHRISTOPHER R. BERRY #1886 335 SECOND CROWN POINT ROAD BARRINGTON, NH 03825
 - TAX MAP 6, LOT 22-3
 - LOT AREA: 25.52 Ac.
 - R.C.R.D. BOOK 5977, PAGE 2799
 - SUBDIVISION STATUS: OVER 5 ACRES
 - FOUNDATION DRAINS 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.

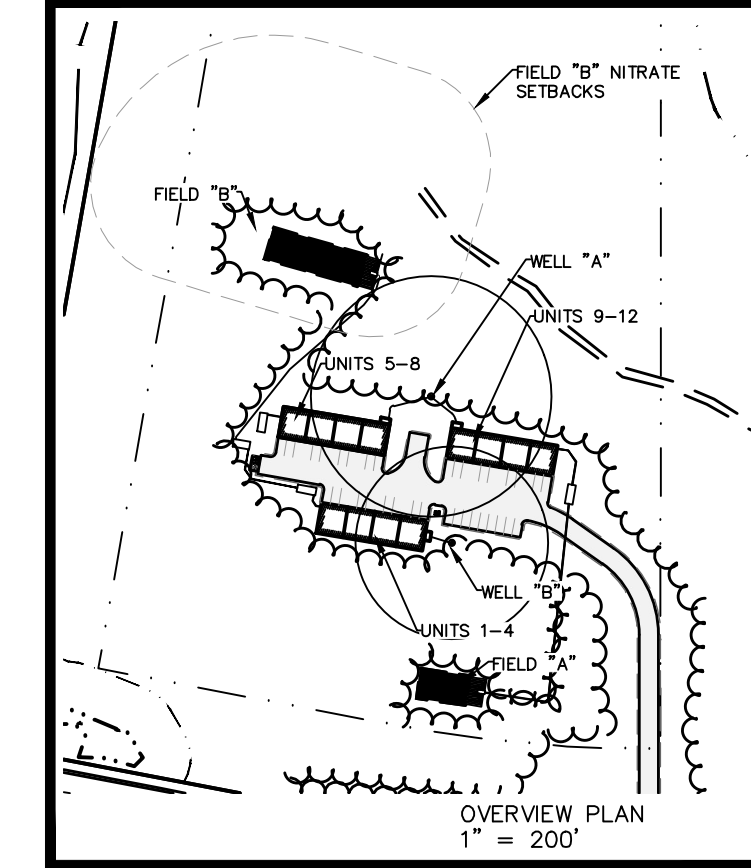
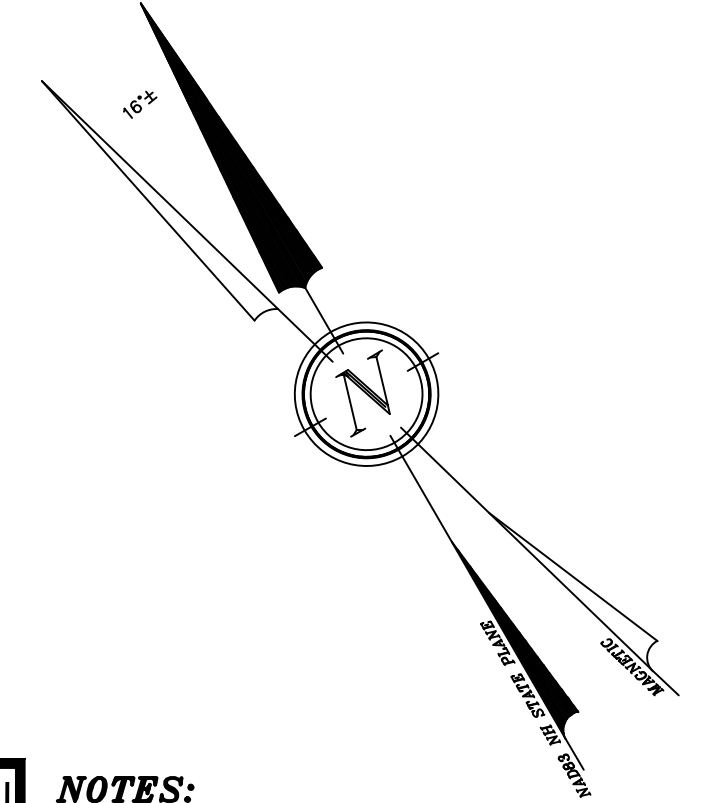


REVISION	DATE	DESCRIPTION
#1	11-23-20	REVISED PER NHDES COMMENT

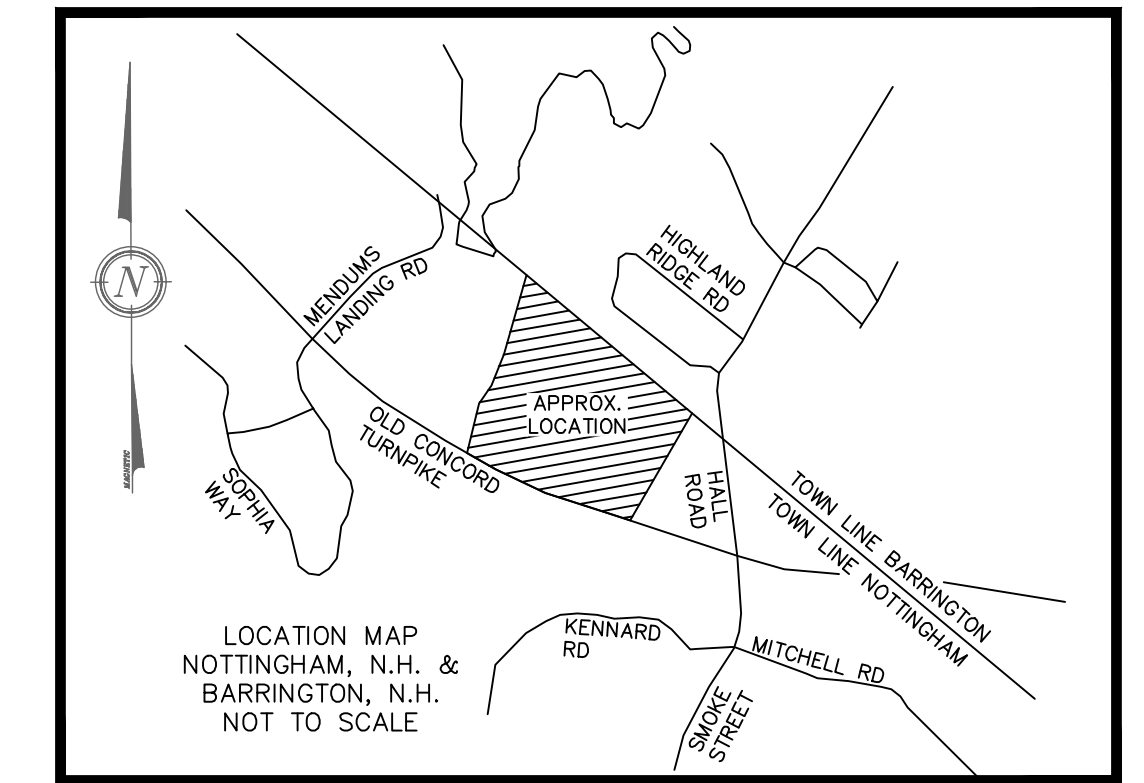
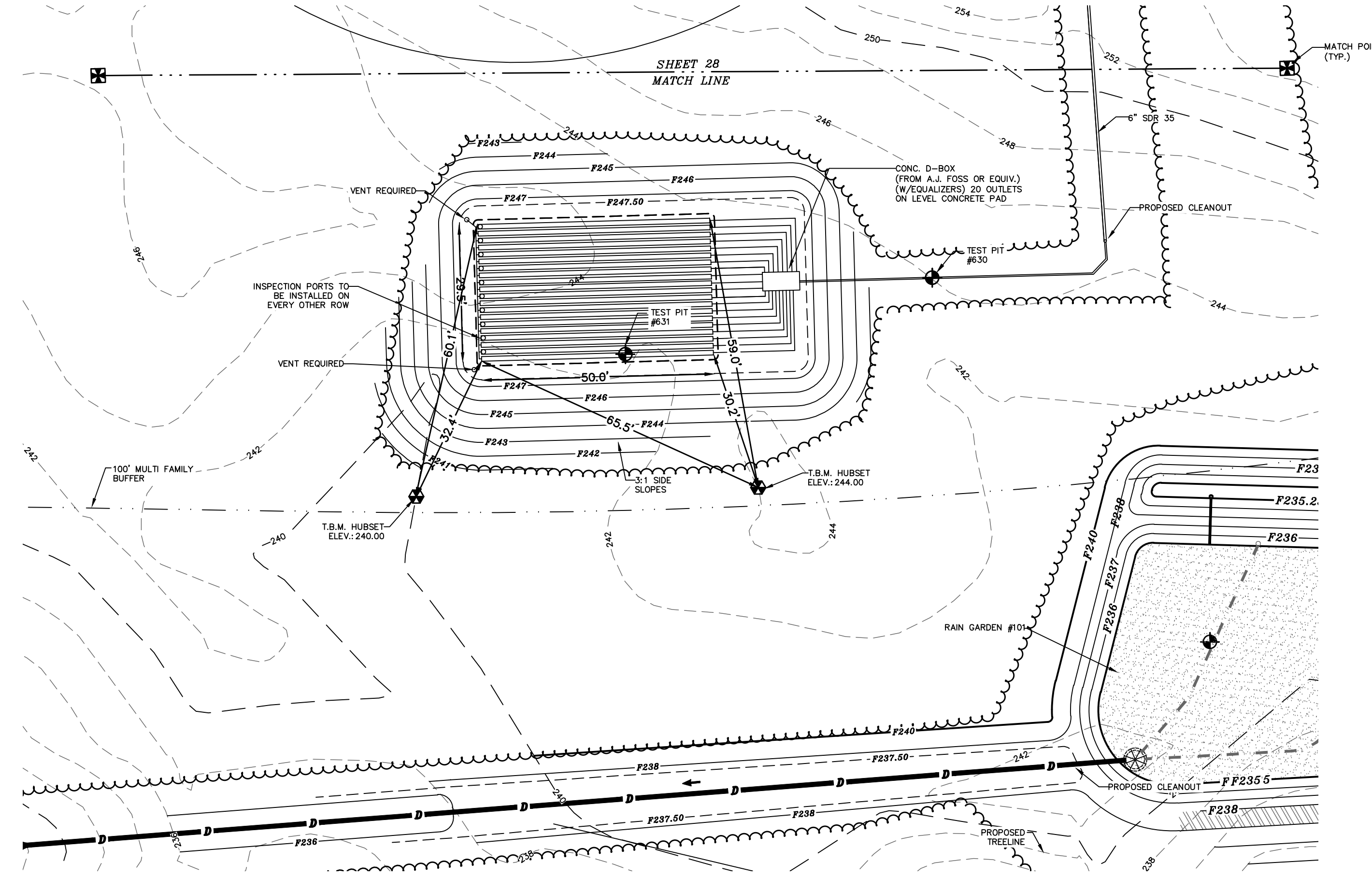
PROPOSED ADVANCED ENVIRO SEPTIC SYSTEM EFFLUENT DISPOSAL FIELD "A" FOR DOMUS DEVELOPERS INC. SERA DRIVE NOTTINGHAM, N.H. TAX MAP 6, LOT 22-3 (UNITS 9-12)



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:**
- 1.) OWNER: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
 - 2.) DESIGNER: CHRISTOPHER R. BERRY #1886
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825
 - 3.) TAX MAP 6, LOT 22-3
 - 4.) LOT AREA: 25.52 Ac.
 - 5.) R.C.R.D. BOOK 5977, PAGE 2799
 - 6.) SUBDIVISION STATUS: OVER 5 ACRES
 - 7.) FOUNDATION DRAINS WILL START AT LEAST 15' FROM THE LEACH FIELD, AND AT LEAST 5' FROM THE SEPTIC TANK.
 - 8.) THERE IS NO SURFACE WATER OR VERY POORLY DRAINED SOILS WITHIN 50', OR VERY POORLY DRAINED SOILS WITHIN 75' OF THE PROPOSED SEPTIC SYSTEM.
 - 9.) 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.
 - 10.) 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.
 - 11.) 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.
 - 12.) THIS IS NOT A BOUNDARY SURVEY.
 - 13.) THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS.



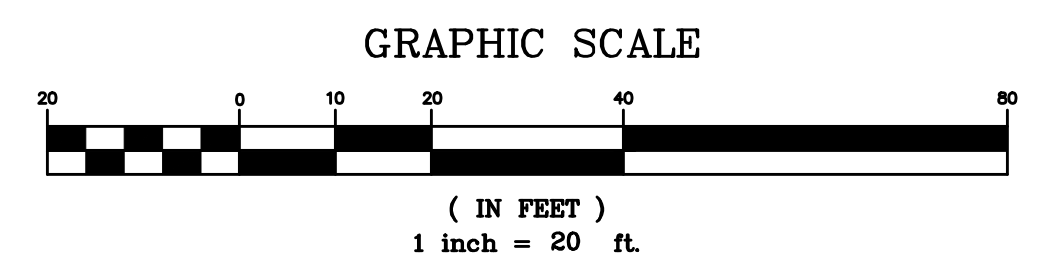
REVISION	DATE	DESCRIPTION
#1	11-23-20	REVISED PER NHDES COMMENT

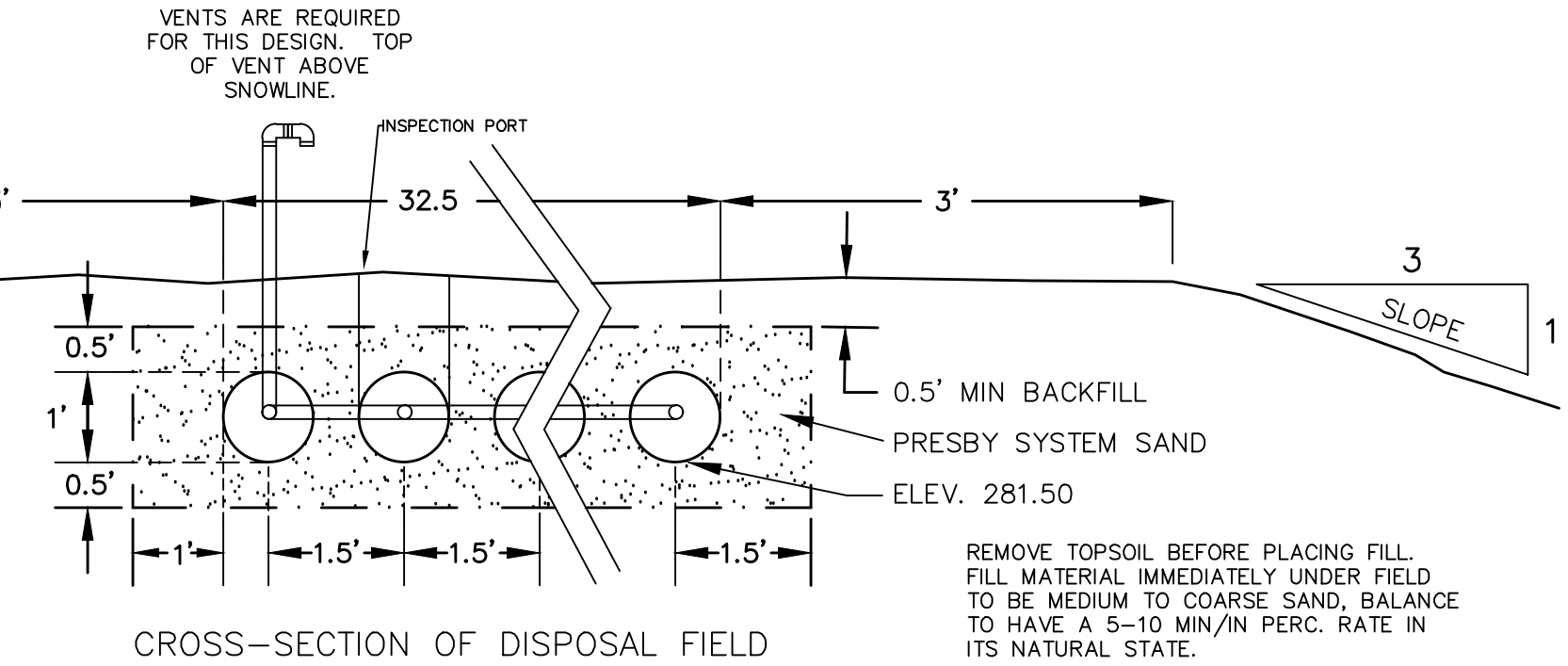
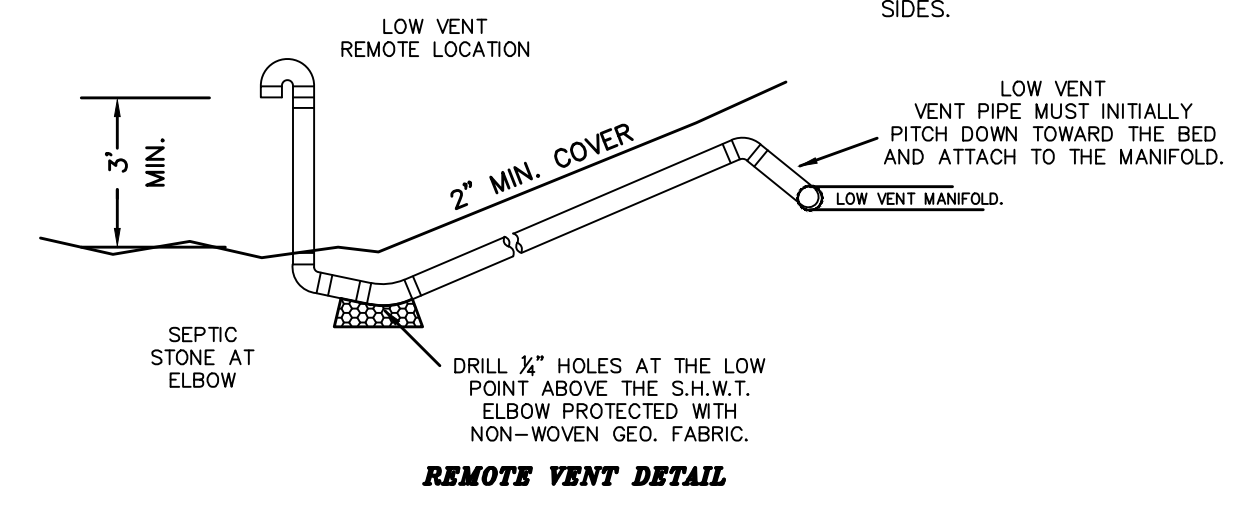
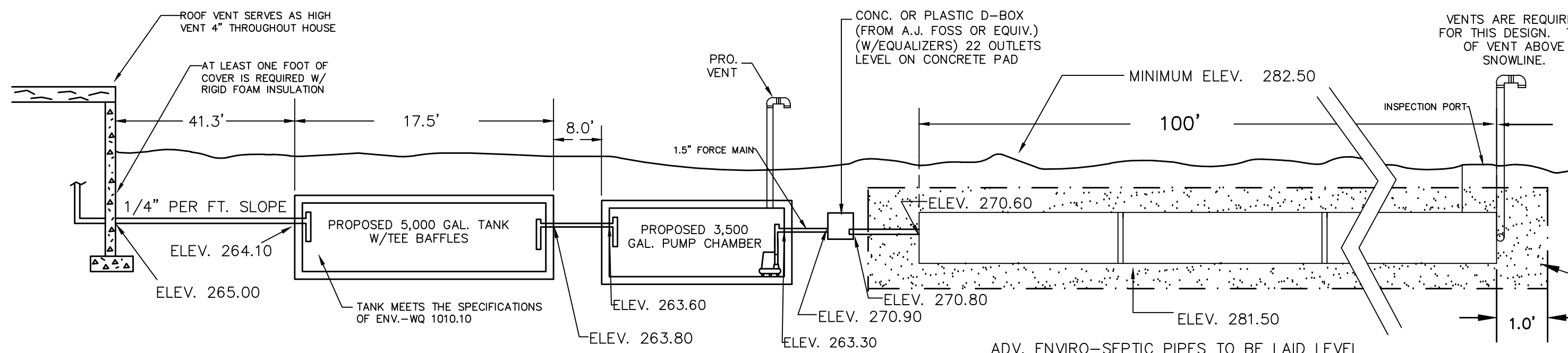
PROPOSED ADVANCED ENVIRO SEPTIC SYSTEM
EFFLUENT DISPOSAL FIELD "A"
FOR
DOMUS DEVELOPERS INC.
SERA DRIVE
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3 (UNITS 9-12)

BERRY SURVEYING & ENGINEERING
KENNETH A. BERRY
No. 18284
LICENSED PROFESSIONAL ENGINEER

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





SOLID PLASTIC PIPE IS 4" SDR35. ALL CONNECTIONS BETWEEN THE SEPTIC TANK AND THE PIPES LEADING TO AND EXITING FROM THE TANK SHALL BE SEALED WITH A WATERTIGHT, FLEXIBLE JOINT CONNECTOR

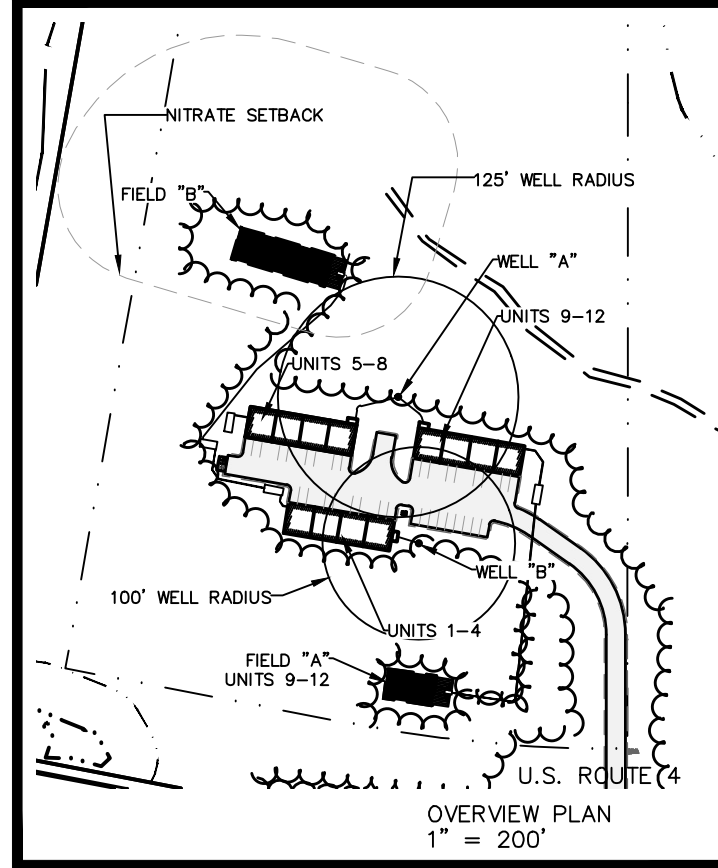
PROFILE OF SEPTIC SYSTEM

THE ADV. ENVIRO-SEPTIC PIPE WILL HAVE A MINIMUM OF 6" OF PRESBY SYSTEM SAND ON THE TOP AND BOTTOM AND 12" OF PRESBY SYSTEM SAND ON THE SIDES.

REMOVE TOPSOIL BEFORE PLACING FILL. FILL MATERIAL IMMEDIATELY UNDER FIELD TO BE MEDIUM TO COARSE SAND, BALANCE TO HAVE A 5-10 MIN/IN PERC. RATE IN ITS NATURAL STATE.

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 22-1
- LOT AREA: 25.52 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.



PUMP DATA :
 BRAND : LIBERTY SERIES FL50, DUAL ALTERNATING PUMP (FROM A.J. FOSS) OR EQUIV.
 PIPE SIZE : 1.5" W/VELOCITY REDUCING DEVICE IN THE D-BOX
 RATE : 46 GAL/MINUTE
 10.87 MINUTE PUMP CYCLES @ 500 GAL/CYCLE
 7.20 CYCLES PER DAY
 PUMP OFF ELEV. 260.03
 PUMP ON ELEV. 261.21
 ALARM ON ELEV. 261.31
 EXCESS STORAGE: 2,069 GALLONS
 THE PUMP WILL BE EQUIPPED WITH AN ALARM SYSTEM
 THE ALARM SYSTEM AND PUMP WILL BE ON SEPARATE ELECTRICAL CIRCUITS
 THE PUMP CHAMBER WILL BE VENTED AND WATER-TIGHT

TEST PIT DATA:
 TEST PIT #604
 0-4" 10YR 3/2, VERY DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 4-31" 10YR 6/8, BROWNISH YELLOW, FINE SANDY LOAM, GRANULAR, FRIABLE
 31-55" 10YR 6/4, LIGHT YELLOWISH BROWN, FINE LOAMY SAND, BLOCKY/GANULAR IN HAND, FRIABLE
 TERMINATED @ 55"
 NO E.S.H.W.T.
 PERC = 12 MIN/IN
 NO REFUSAL
 NO GROUND WATER OBSERVED
 ROOTS TO 31"

LOT LOADING:
 43C GROUP 2, 8-15% SLOPE = 184,411 Sq. Ft. = 4.23 Ac.
 43C GROUP 2, 15-25% SLOPE = 560,902 Sq. Ft. = 12.88 Ac.
 63C GROUP 2, 15-25% SLOPE = 158,832 Sq. Ft. = 3.65 Ac.
 $Q = (4.23Ac. \times 2000 GPD/Ac.) / 1.43 \text{ FACTOR} = 5,921 GPD$
 $Q = (12.88Ac. \times 2000 GPD/Ac.) / 1.56 \text{ FACTOR} = 16,508 GPD$
 $Q = (3.65Ac. \times 2000 GPD/Ac.) / 1.56 \text{ FACTOR} = 4,675 GPD$
 TOTAL GPD = 27,104 GPD

CALCULATIONS :
 (8) 3 BEDROOM UNITS, 3600 GPD
 USE (2) 5000 GAL. SINGLE COMPARTMENT SEPTIC TANK. (FROM A.J. FOSS OR EQUIV.)
 8 MIN/IN MEASURED PERC RATE
 8 MIN/IN DESIGN PERC RATE
 1980 - MIN. LENGTH ADV. ENVIRO SEPTIC PIPE REQUIRED
 2200 - PROPOSED LENGTH OF ADV. ENVIRO SEPTIC PIPE
 2200 - TOTAL NUMBER OF 10' SECTIONS OF ADV. ENVIRO SEPTIC PIPE REQUIRED
 22 ROWS OF ADV. ENVIRO SEPTIC PIPE, EACH ROW 100' LONG

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.

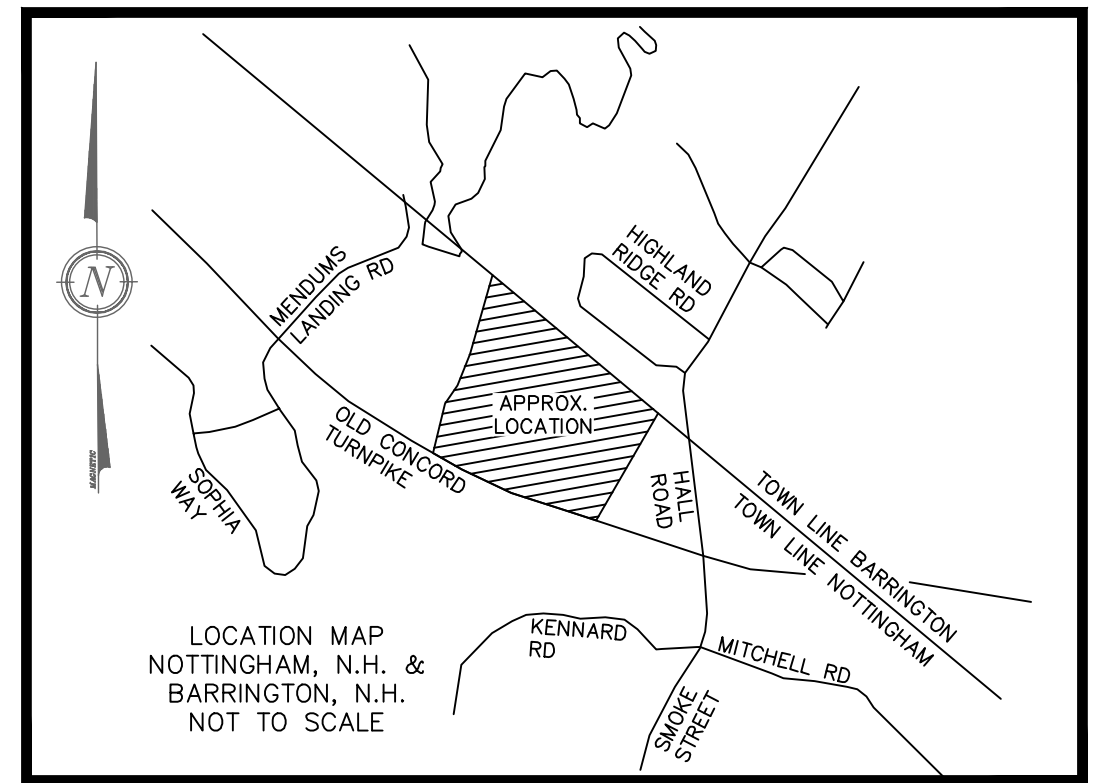
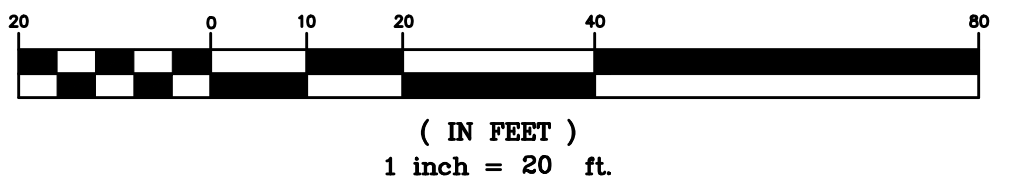
WETNOTE :
 THE WETLAND DELINEATION WAS COMPLETED FEBRUARY, 2018 IN ACCORDANCE WITH THE 1987 CORP OF ENGINEERS WETLAND DELINEATION MANUAL. JURISDICTIONAL WETLANDS WERE IDENTIFIED AND DELINEATED USING THE ROUTINE DETERMINATIONS METHOD AS OUTLINED IN THE MANUAL. THE DELINEATION WAS DONE BY: CHRISTOPHER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

SOIL DATA :
 43B & 43C
 SEE WEBSOIL

ELEVATIONS :
 282.00 - HIGH POINT OF LEACH BED
 277.42 - S.H.W.T.
 N/A - IMPERVIOUS LAYER
 281.50 - BOTTOM OF ADV. ENVIRO-SEPTIC PIPES

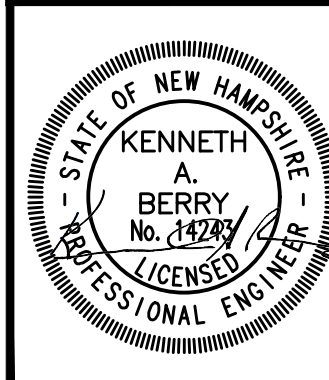
PLAN INTENT :
 THE SEPTIC SYSTEM IS TO BE CONSTRUCTED WITH THE BOTTOM OF THE LEACH BED 0.50' BELOW THE HIGH POINT OF THE EXISTING LAND.
 IN THE EVENT OF LEACH BED FAILURE, IT MAY BE REBUILT IN PLACE WITH NHDES APPROVAL.

GRAPHIC SCALE

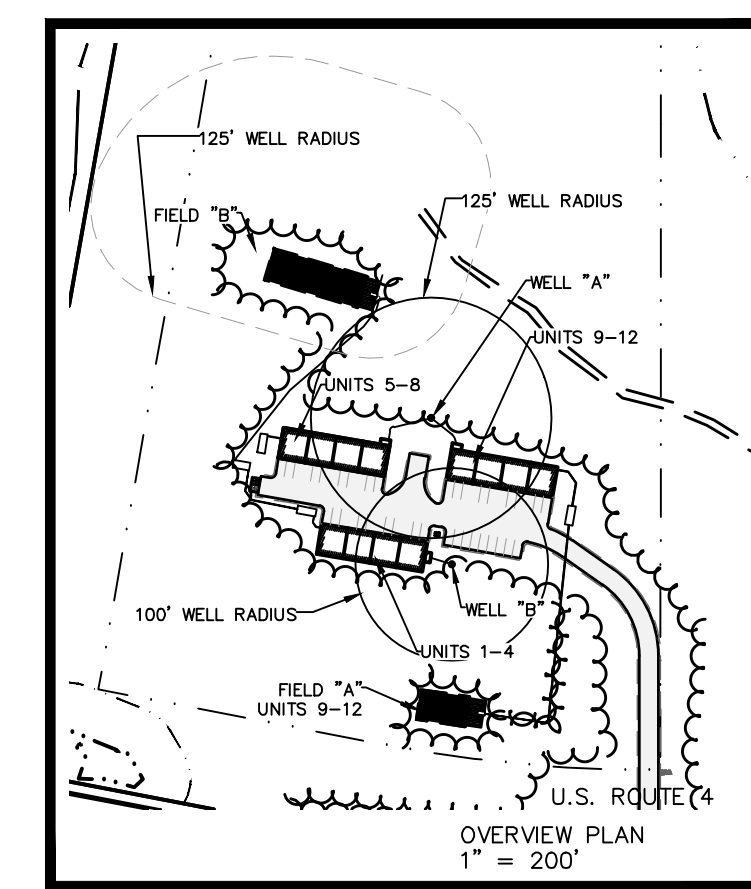
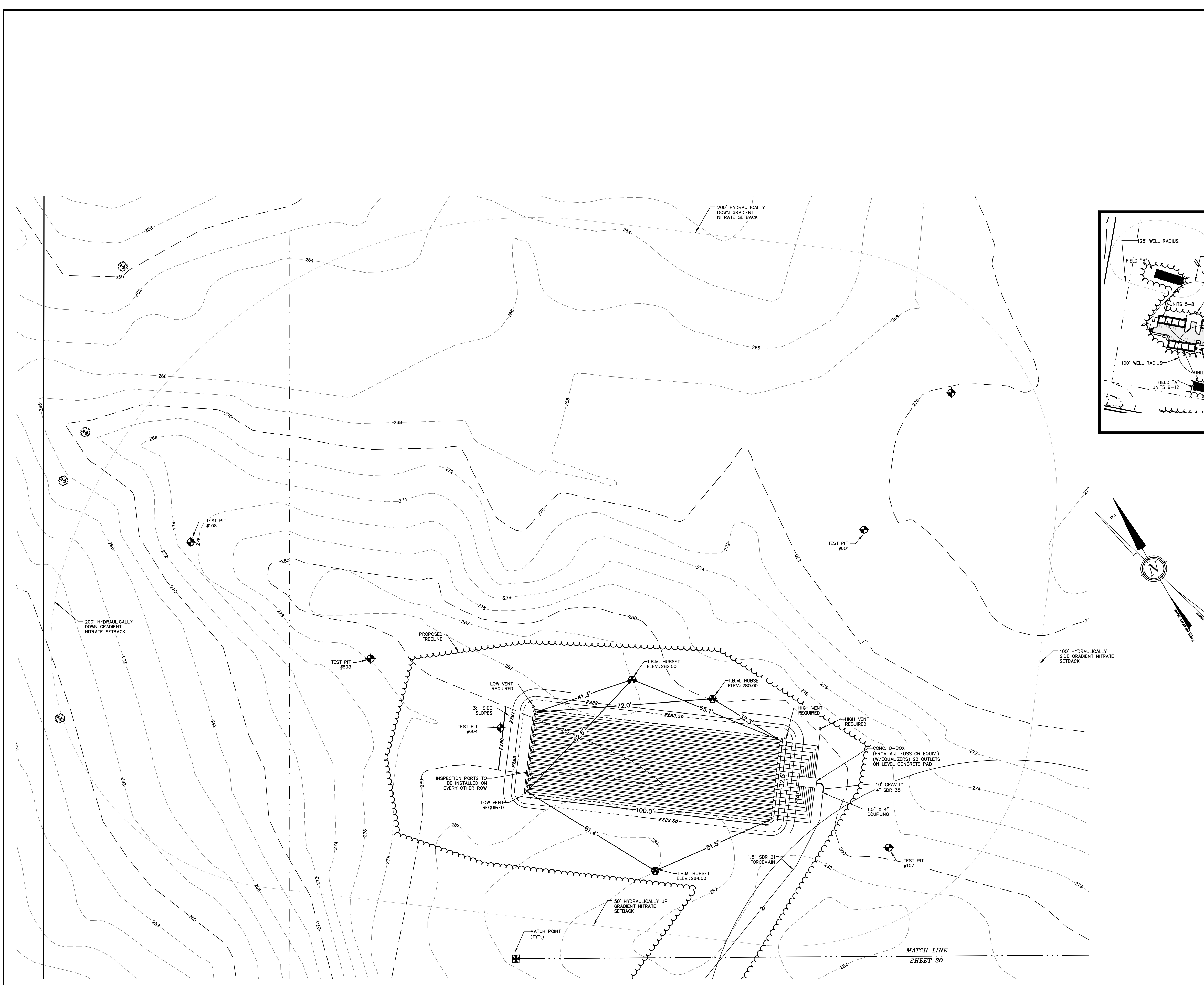


REVISION	DATE	DESCRIPTION
#1	11-23-20	REVISED PER NHDES COMMENT

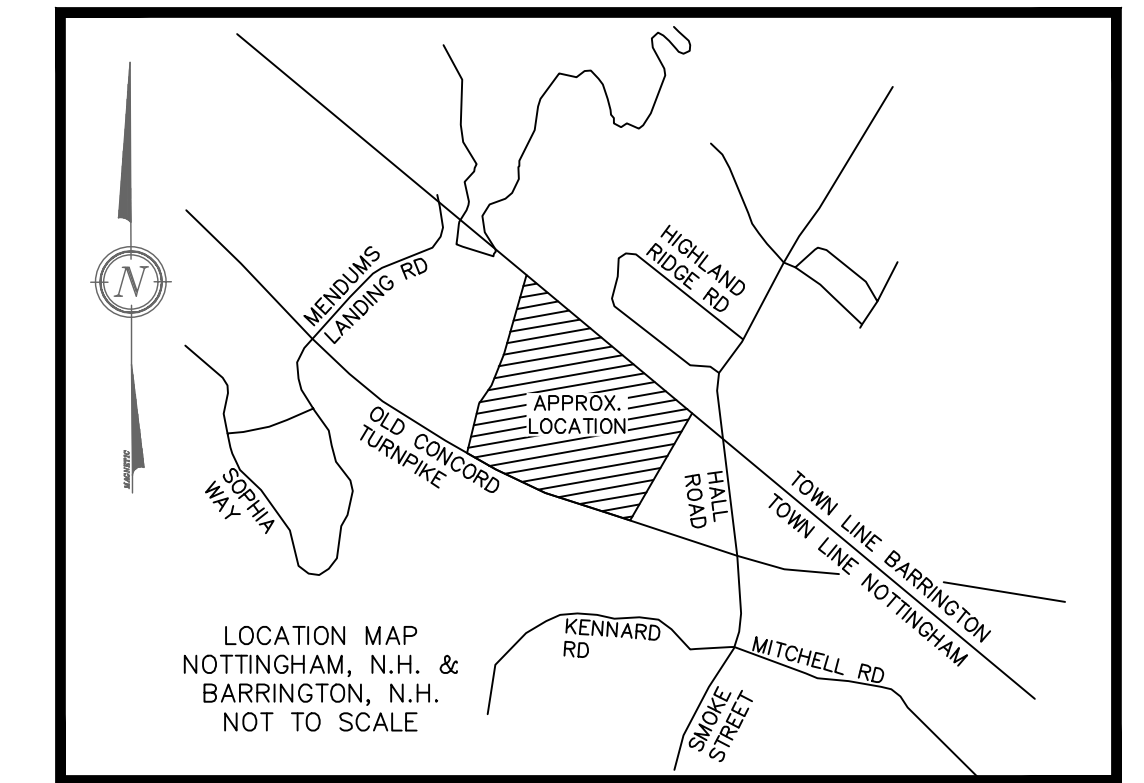
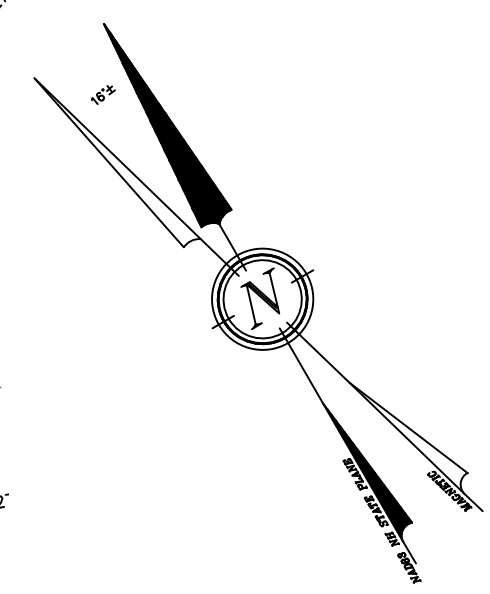
PROPOSED ADVANCED ENVIRO SEPTIC SYSTEM EFFLUENT DISPOSAL FIELD "B" FOR DOMUS DEVELOPERS INC. SERA DRIVE NOTTINGHAM, N.H. TAX MAP 6, LOT 22-3 (UNITS 1-8)



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

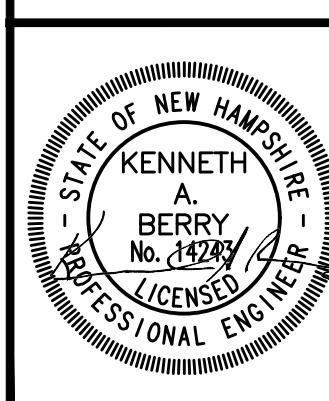


- NOTES:**
- 1.) OWNER: DOMUS DEVELOPERS INC.
11 WHITEHORSE DRIVE
RYE, NH 03870
 - 2.) DESIGNER: CHRISTOPHER R. BERRY #1886
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825
 - 3.) TAX MAP 6, LOT 22-1
 - 4.) LOT AREA: 25.52 Ac.
 - 5.) R.C.R.D. BOOK , PAGE
 - 6.) SUBDIVISION STATUS: OVER 5 ACRES
 - 7.) FOUNDATION DRAINS WILL START AT LEAST 15' FROM THE LEACH FIELD, AND AT LEAST 5' FROM THE SEPTIC TANK.
 - 8.) THERE IS NO SURFACE WATER OR VERY POORLY DRAINED SOILS WITHIN 50' OR VERY POORLY DRAINED SOILS WITHIN 75' OF THE PROPOSED SEPTIC SYSTEM.
 - 9.) 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.
 - 10.) 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.
 - 11.) 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.
 - 12.) THIS IS NOT A BOUNDARY SURVEY.
 - 13.) THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS.



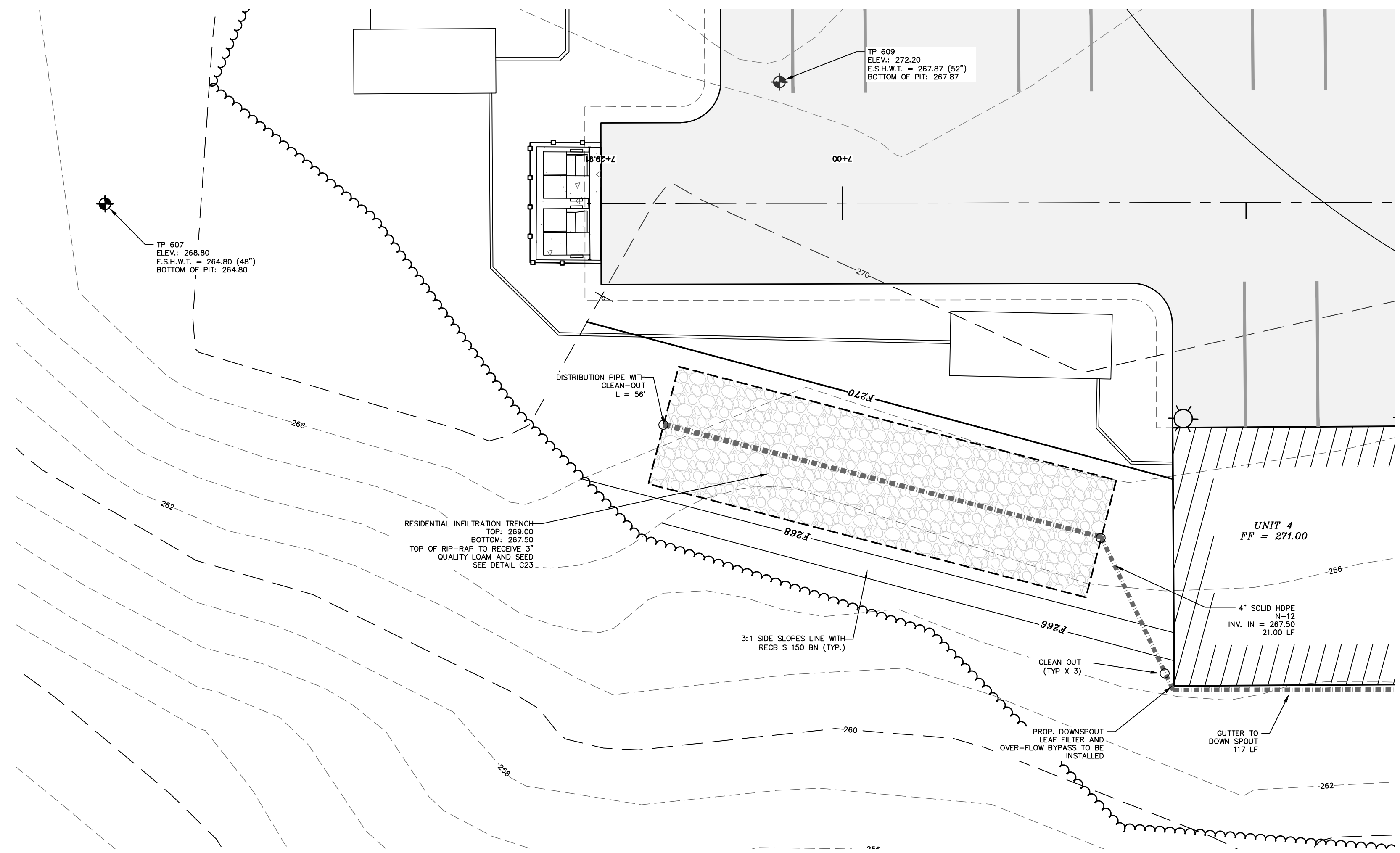
REVISION	DATE	DESCRIPTION
#1	11-23-20	REVISED PER NHDES COMMENT

PROPOSED ADVANCED ENVIRO SEPTIC SYSTEM
EFFLUENT DISPOSAL FIELD "B"
FOR
DOMUS DEVELOPERS INC.
SERA DRIVE
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3 (UNITS 1-8)



BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT RD.
BARRINGTON, N.H. 332-2863
SCALE : 1 IN. EQUALS 20 FT.
DATE : AUGUST 1, 2019
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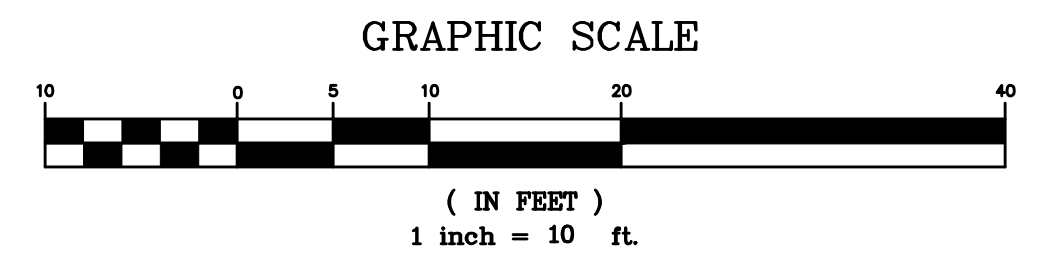
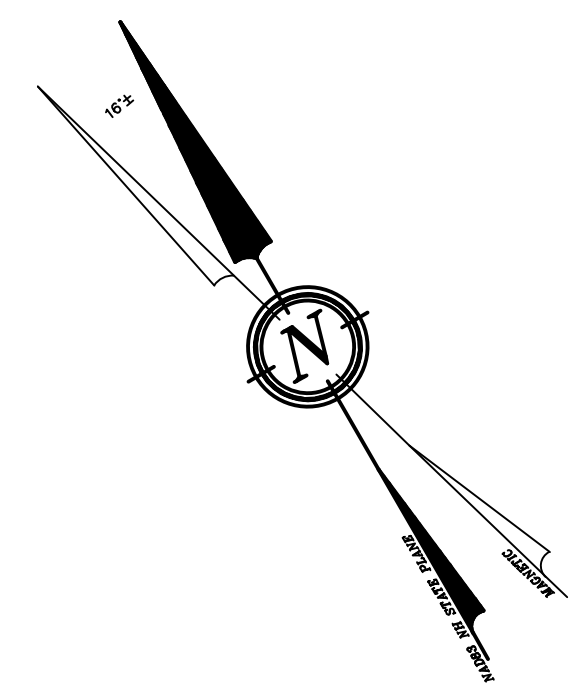
D1



PLAN VIEW OF INFILTRATION TRENCH UNITS 1-4

TEST PIT #607
0-4" 10YR 3/2, VERY DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
4-34" 10YR 3/4, DARK YELLOWISH BROWN, FINE LOAMY SAND, GRANULAR, FRIABLE
34-48" 2.5Y 6/8, OLIVE YELLOW, FINE LOAMY SAND, GRANULAR, FRIABLE
10% REDOX COMMON AND DISTINCT
TERMINATED @ 48"
NO E.S.H.W.T.
PERC = 6 MIN/IN
NO REFUSAL
NO GROUND WATER OBSERVED
ROOTS TO 35"

TEST PIT #609
0-4" 10YR 3/2, VERY DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
4-44" 10YR 5/8, YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE-STONES AND BOULDERS
44-52" 2.5Y 6/2, LIGHT BROWNISH GRAY, FINE LOAMY SAND, SINGLE GRAIN, LOOSE
TERMINATED @ 52"
NO E.S.H.W.T.
PERC = 6 MIN/IN
NO REFUSAL
NO GROUND WATER OBSERVED
ROOTS TO 50"



D3

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;

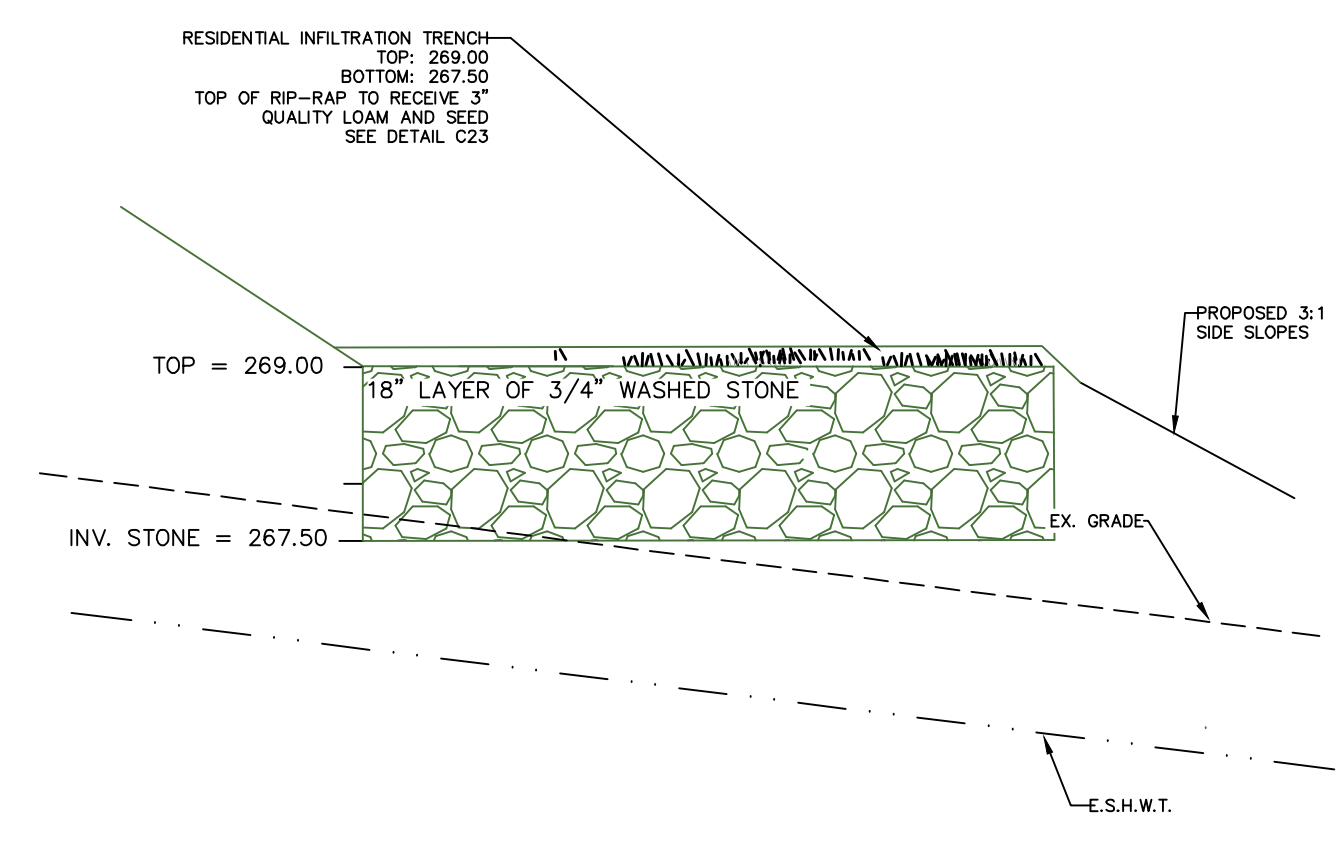
(D) SPILLAGE AROUND THE BOREHOLE SHALL BE:
(1) PLACED IN THE BOREHOLE; OR
(2) CLEANED UP AND RETURNED TO AN APPROPRIATE VEHICLE FOR HANDLING OR PLACEMENT IN SECURED CONTAINERS FOR OFF-SITE DISPOSAL;

(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, DECKING AND COLUMN RISE TO MAINTAIN GOOD CONTINUITY IN THE COLUMN LOAD TO PROMOTE COMPLETE DETONATION.

D2

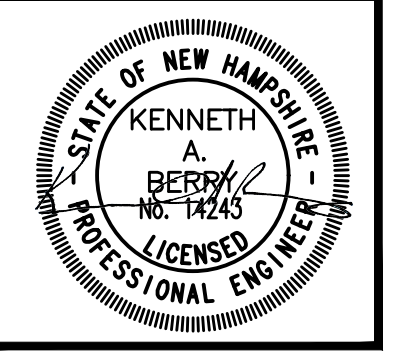


PROFILE VIEW OF INFILTRATION TRENCH

REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED FOR CONDITIONS OF APPROVAL
#5	11-23-20	REVISED FOR NHDES COMMENT
#4A	8-17-20	REVISED FOR NHDOT COMMENT
#3B	6-1-20	REVISED FOR Aot RFMI

DRAINAGE DETAILS
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3

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



D-101

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

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

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

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

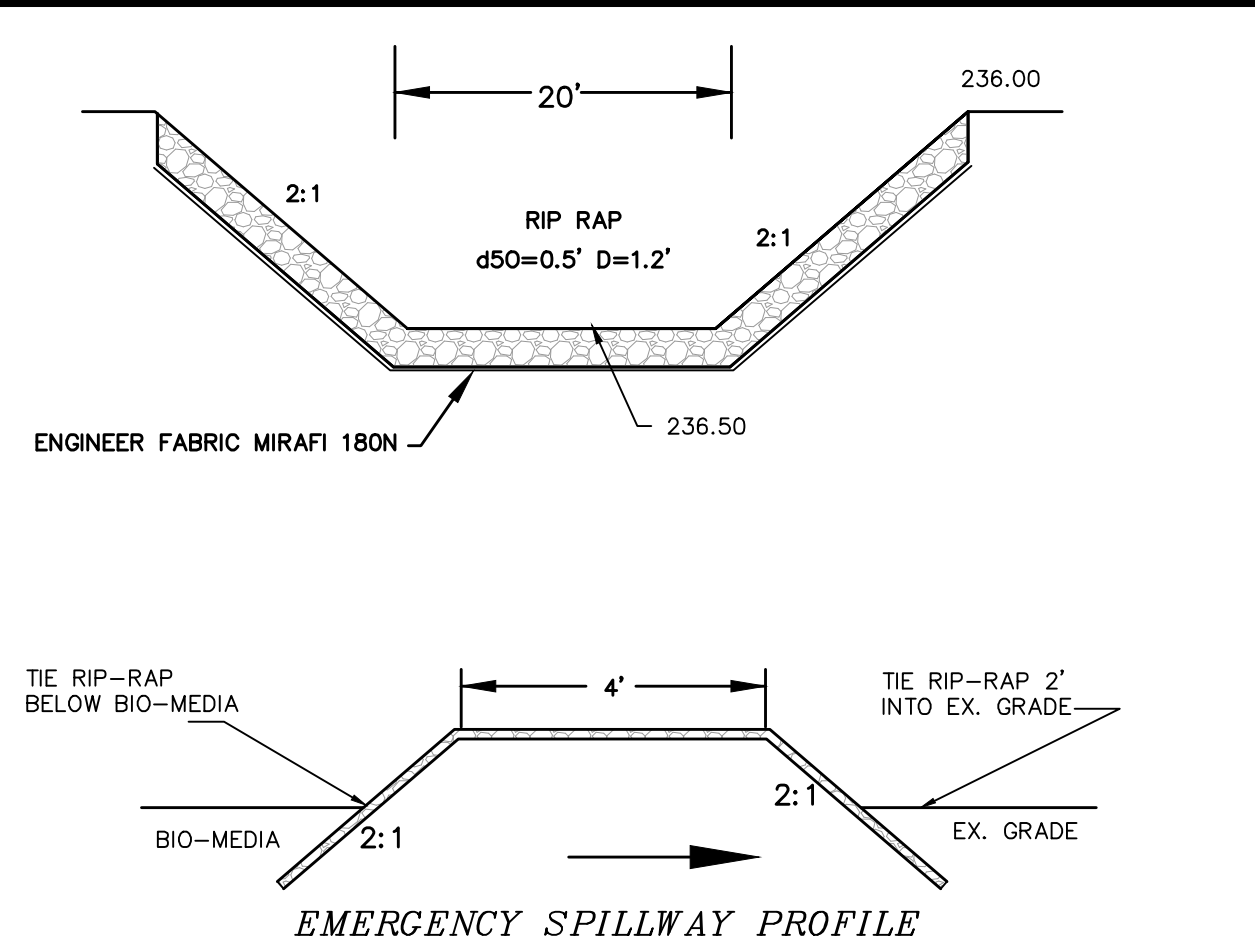
- WHEN CONTRACTOR EXCAVATES RAIN GARDEN AREA TO SUBGRADE, DESIGN ENGINEER SHALL PERFORM SUBSURFACE EVALUATION PRIOR TO THE PLACEMENT OF ANY SELECT MATERIAL OR OTHER BACKFILL.
- SOIL BIORETENTION FILTER MEDIA SHALL BE AS SHOWN ABOVE. "BIO MEDIA" MEANS BIORETENTION FILTER MEDIA. COMPACTION IS NOT TO OCCUR 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

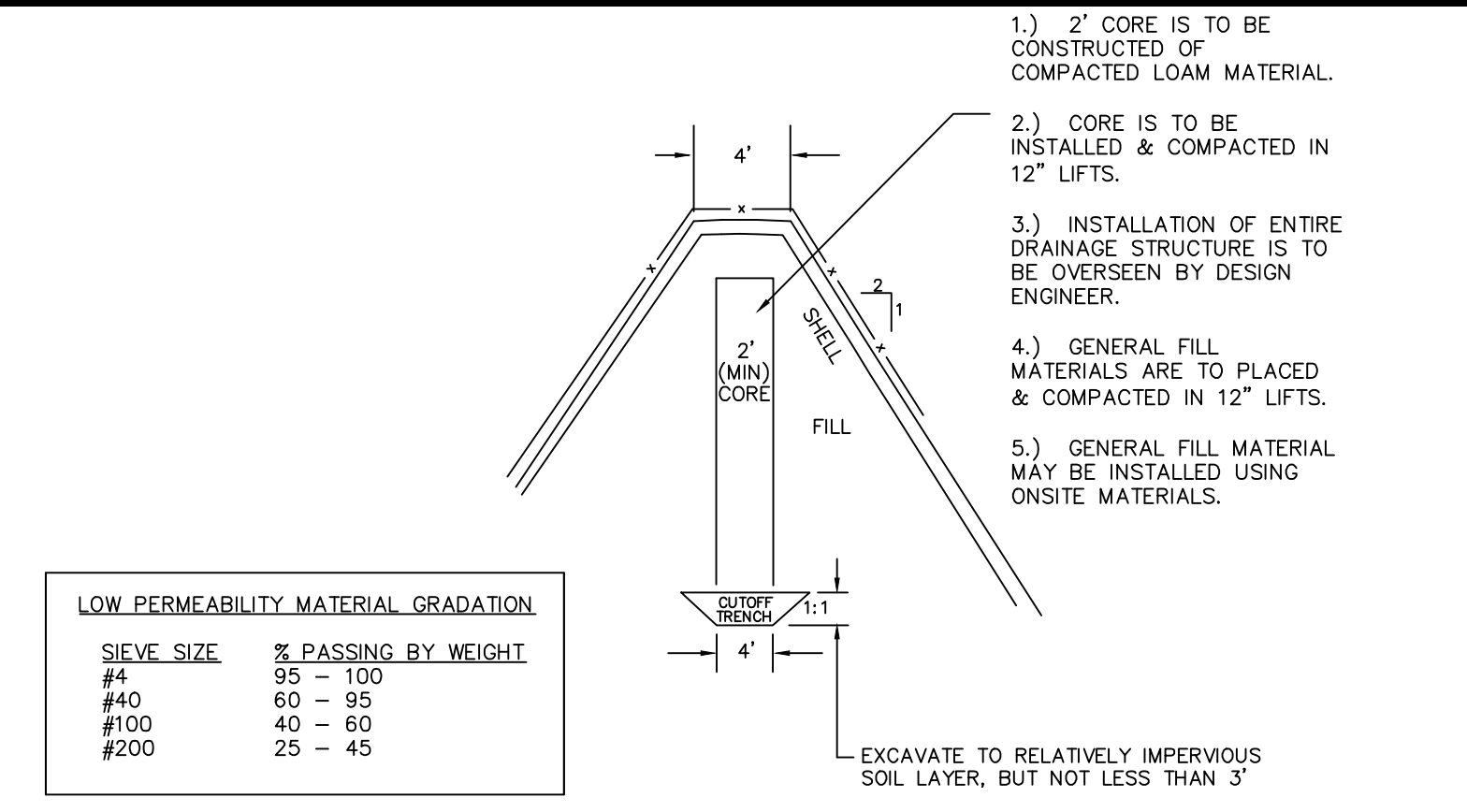
- SYSTEMS SHOULD BE INSPECTED AT LEAST TWICE ANNUALLY, AND FOLLOWING ANY RAINFALL EXCEEDING 2.5 INCHES IN A 24-HOUR PERIOD, WITH MAINTENANCE OR REHABILITATION CONDUCTED AS WARRANTED BY SUCH INSPECTION.
- PRETREATMENT MEASURES SHOULD BE INSPECTED AT LEAST TWICE ANNUALLY, AND CLEANED OF ACCUMULATED SEDIMENT AS WARRANTED BY INSPECTION, BUT NO LESS THAN ONCE ANNUALLY.
- AT LEAST ONCE ANNUALLY, SYSTEM SHOULD BE INSPECTED FOR DRAINAGE 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

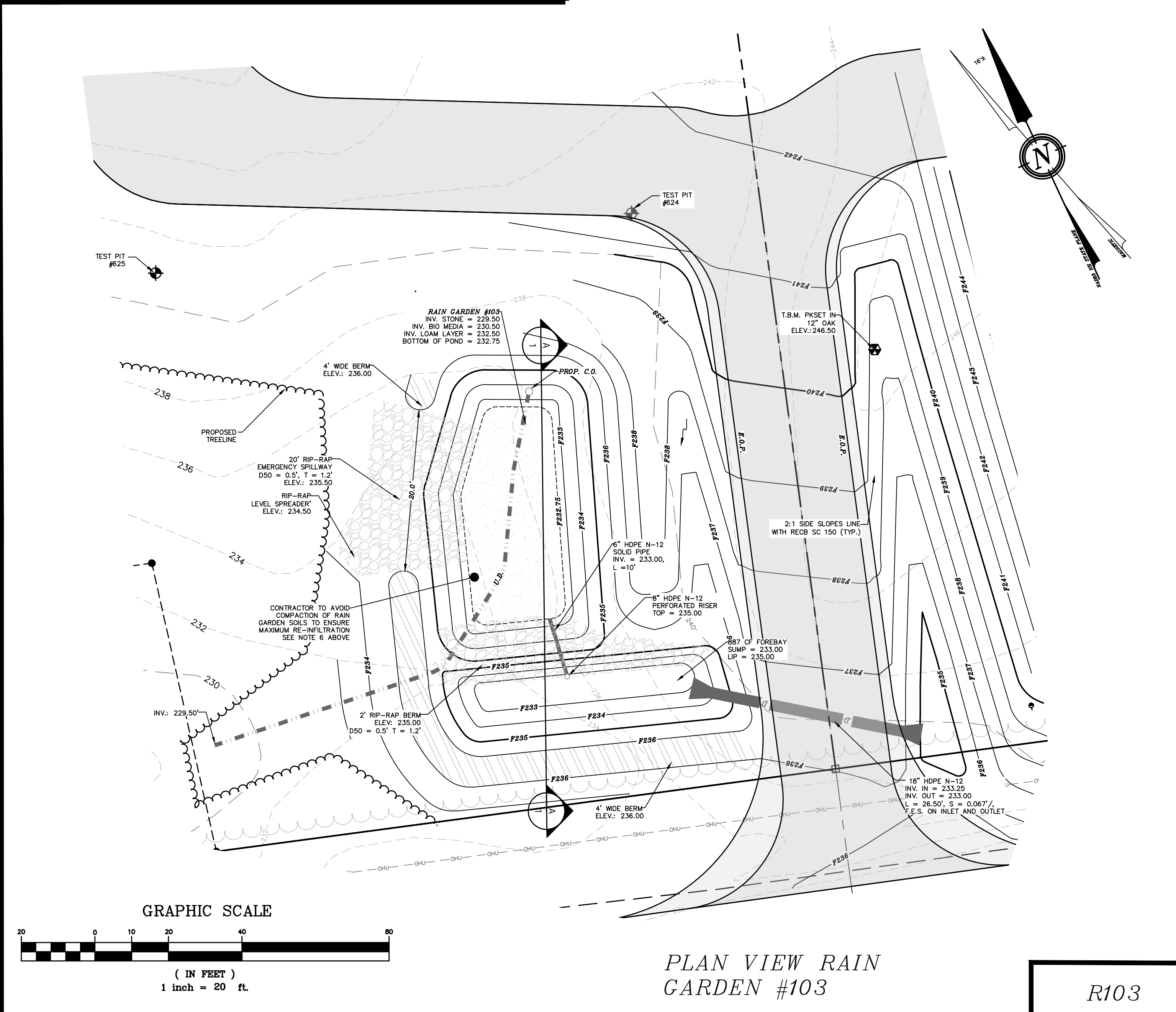
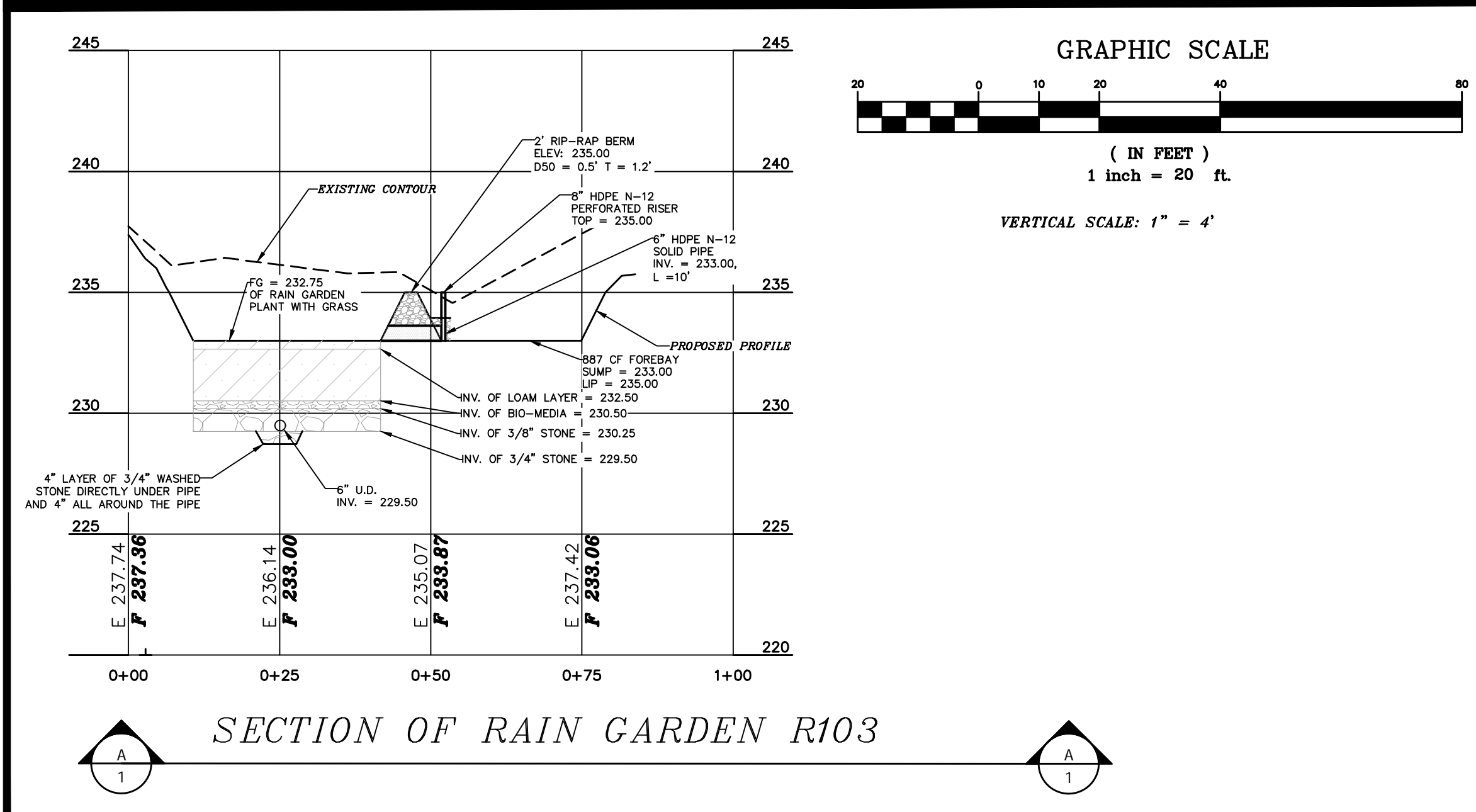
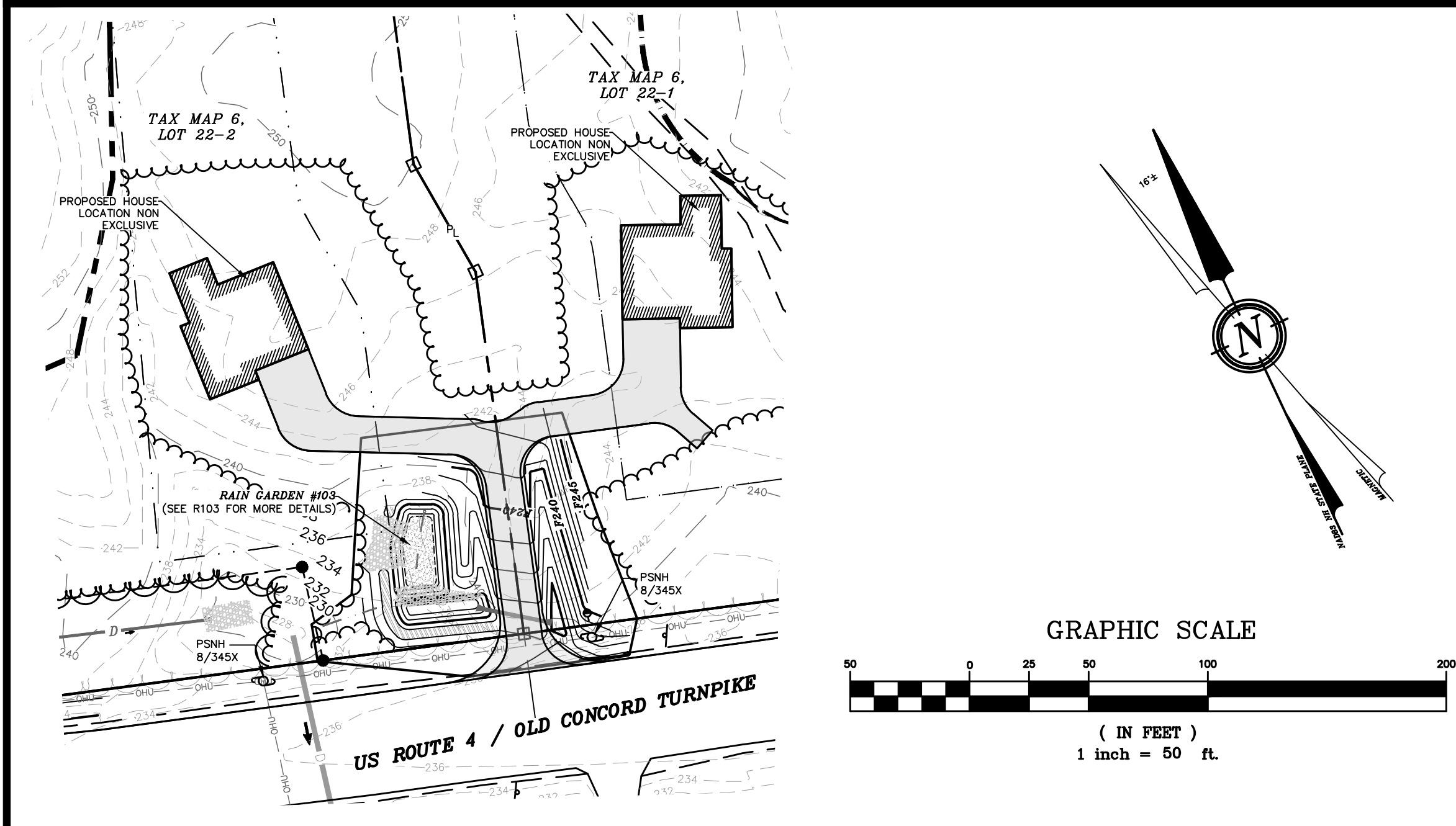
- UNH STORMWATER CENTER
- NEW HAMPSHIRE STORMWATER MANAGEMENT MANUAL, VOLUME 2, DECEMBER 2008 AS AMENDED.



EMERGENCY SPILLWAY PROFILE
NOT TO SCALE



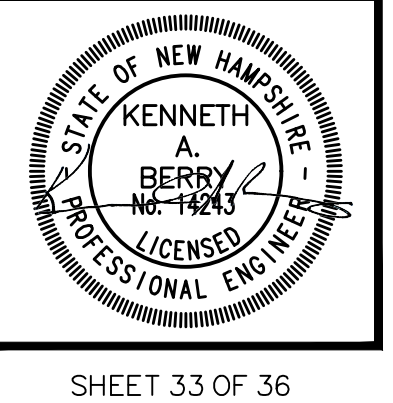
RAIN GARDEN CONSTRUCTION NOTE:
RAIN GARDEN #103 WILL BE CONSTRUCTED AS A FUNCTION OF THE ADJACENT RESIDENTIAL CONSTRUCTION.



REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED FOR CONDITIONS OF APPROVAL
#5	11-23-20	REVISED FOR NHDES COMMENT
#4A	8-17-20	REVISED FOR NHDOT COMMENT
#3B	6-1-20	REVISED FOR A&T RFMI

RAIN GARDEN #103
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3

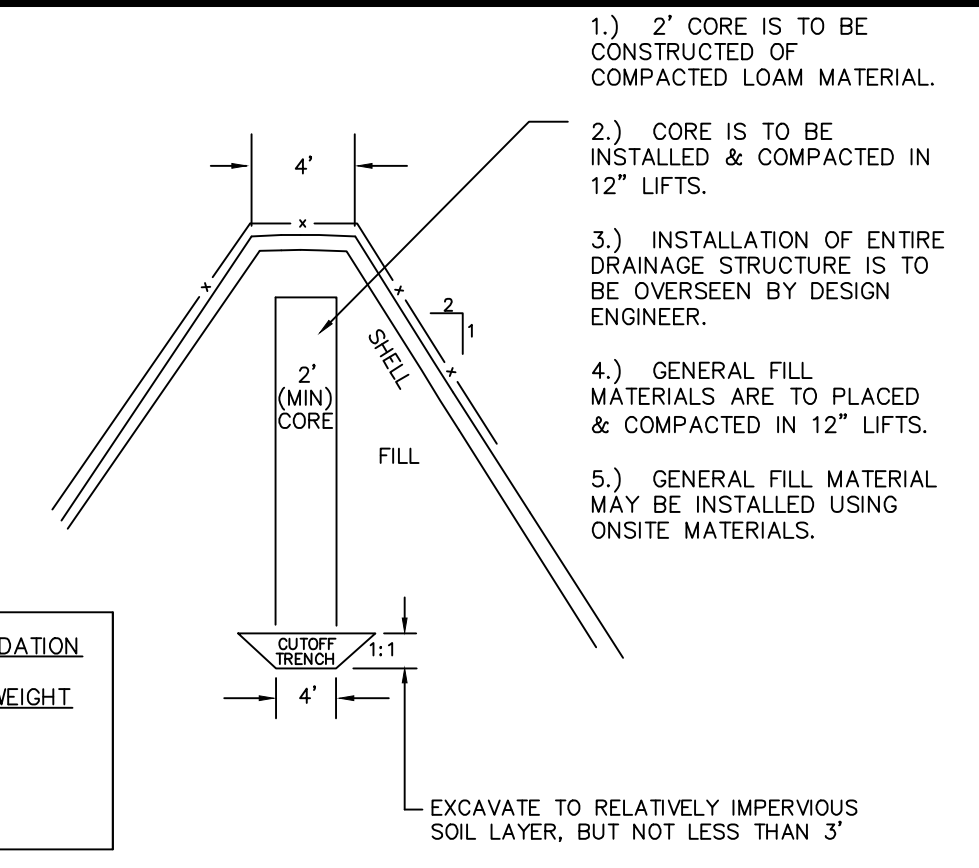
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 20 FT.
DATE: JUNE 3, 2019
FILE NO.: DB 2018 - 030



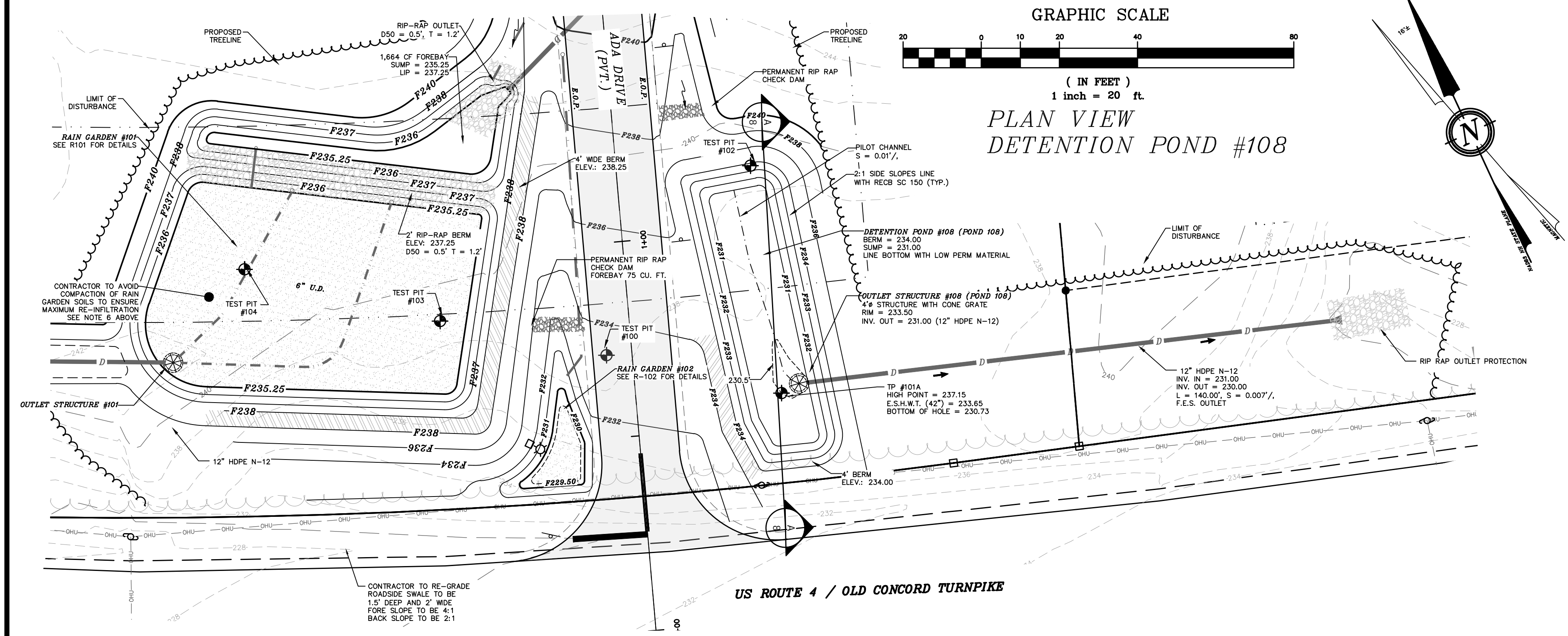
R103

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

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

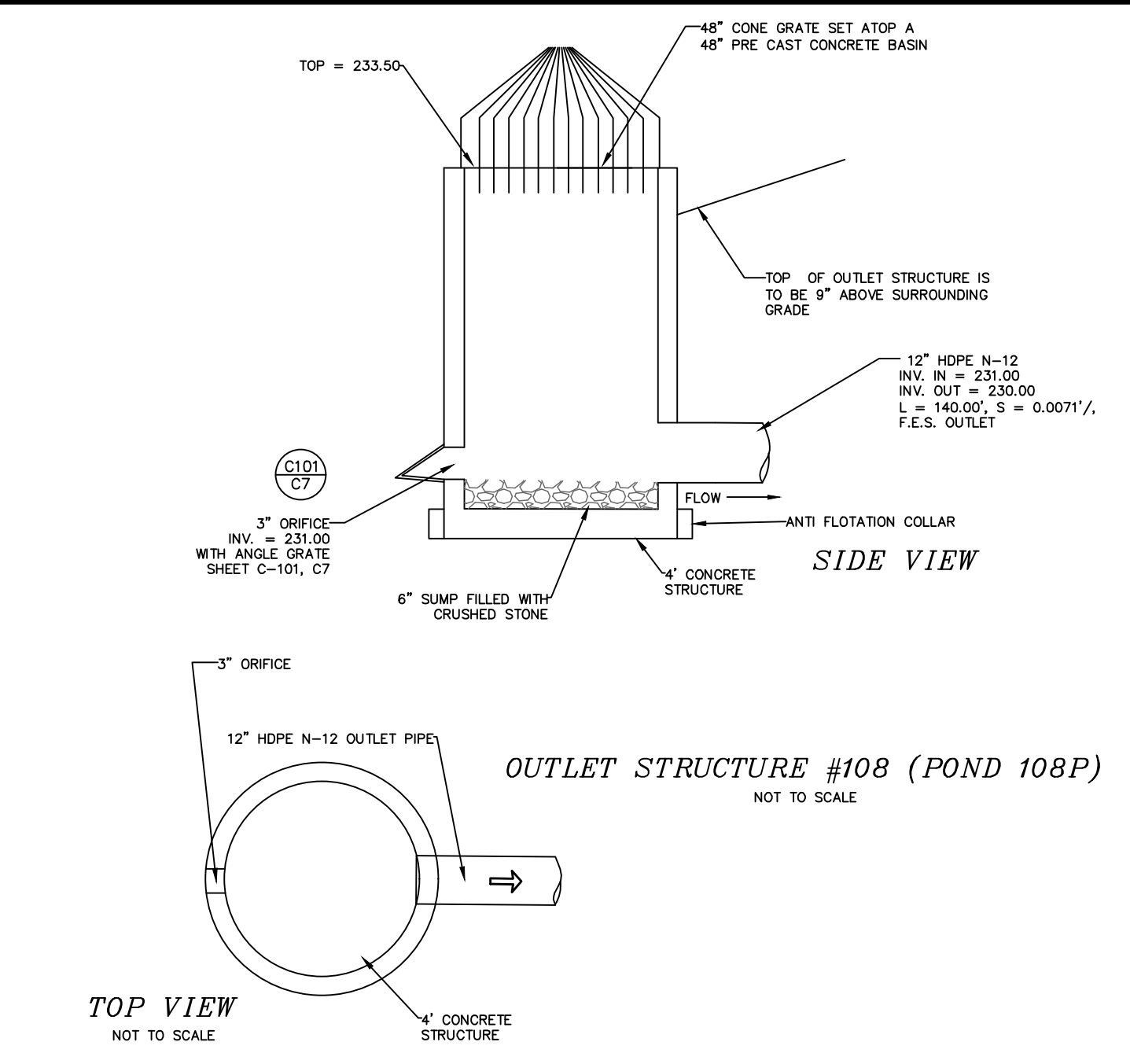


- 2" CORE IS TO BE CONSTRUCTED OF COMPACTED LOAM MATERIAL.
- CORE IS TO BE INSTALLED & COMPACTED IN 12" LIFTS.
- INSTALLATION OF ENTIRE DRAINAGE STRUCTURE IS TO BE OVERSEEN BY DESIGN ENGINEER.
- GENERAL FILL MATERIALS ARE TO BE PLACED & COMPACTED IN 12" LIFTS.
- GENERAL FILL MATERIAL MAY BE INSTALLED USING ONSITE MATERIALS.



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

PLAN VIEW
DETENTION POND #108



SIDE VIEW

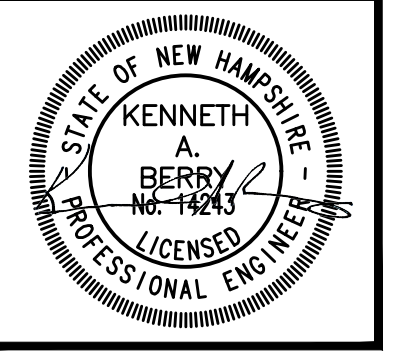
OUTLET STRUCTURE #108 (POND 108P)
NOT TO SCALE

TOP VIEW
NOT TO SCALE

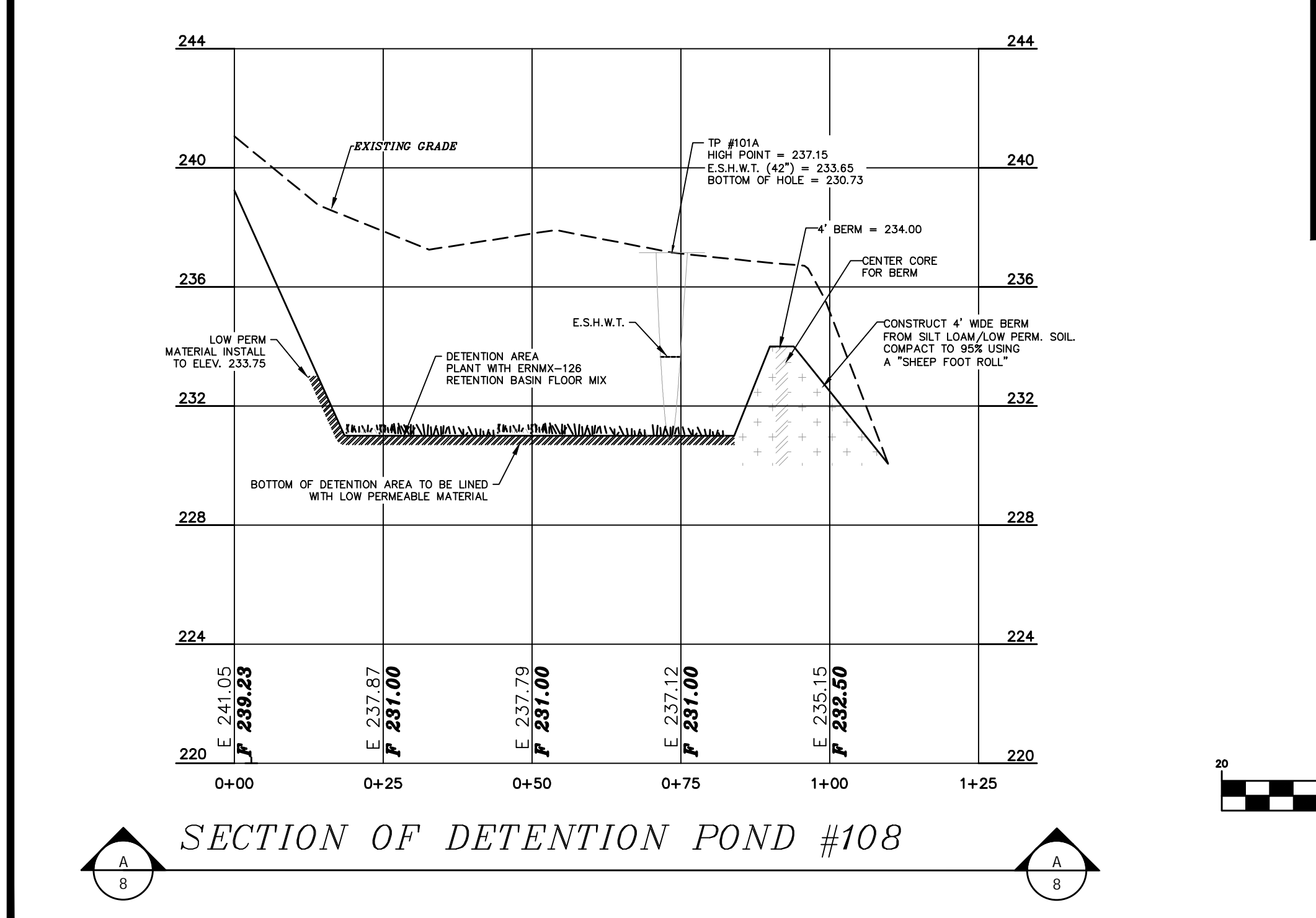
REVISION	DATE	DESCRIPTION
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#5	11-23-20	REVISED FOR NHDES COMMENT
#4A	8-17-20	REVISED FOR NHDOT COMMENT
#3B	6-1-20	REVISED FOR A&T RFMI

DETENTION POND #108
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3

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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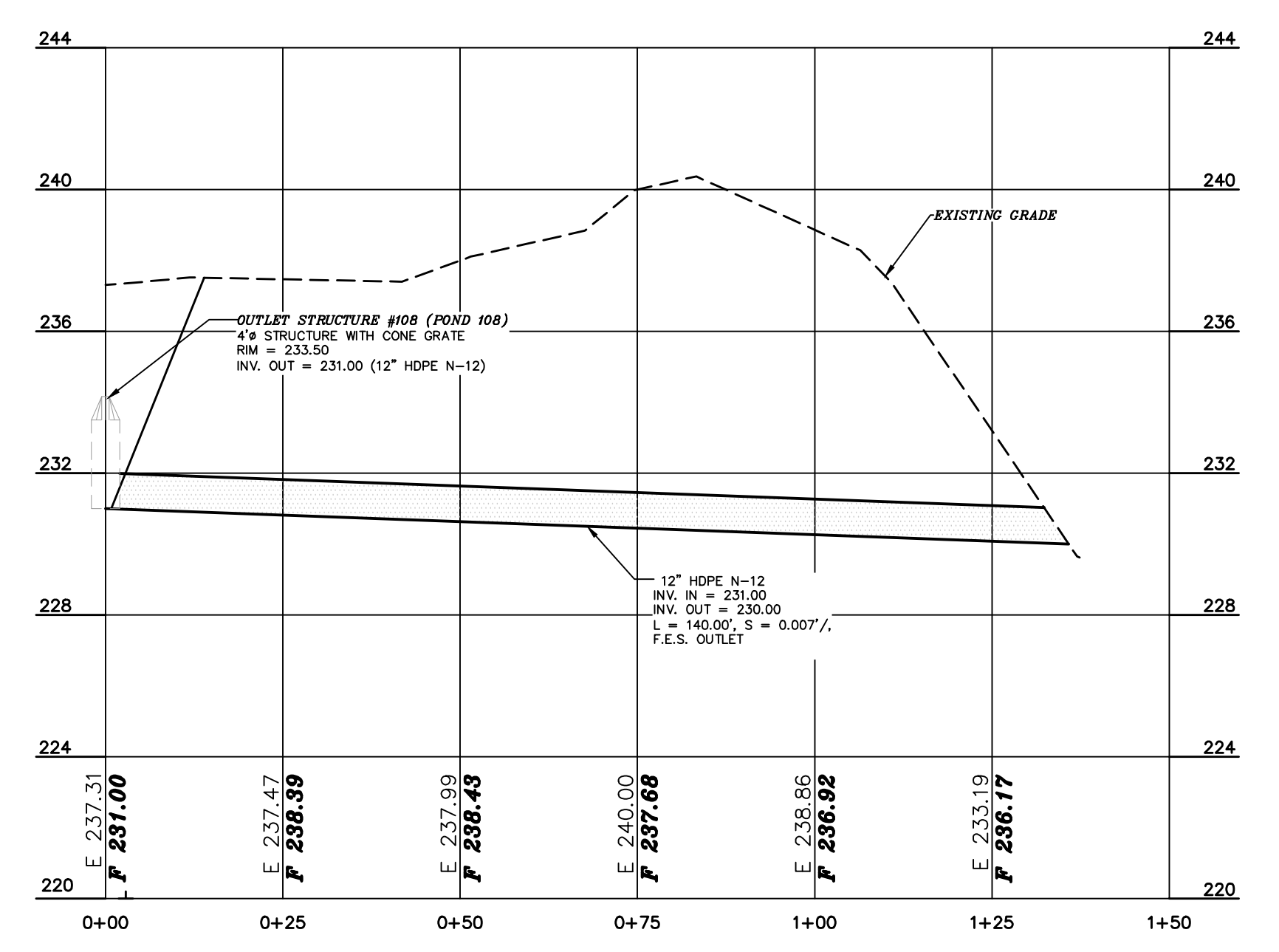
R108



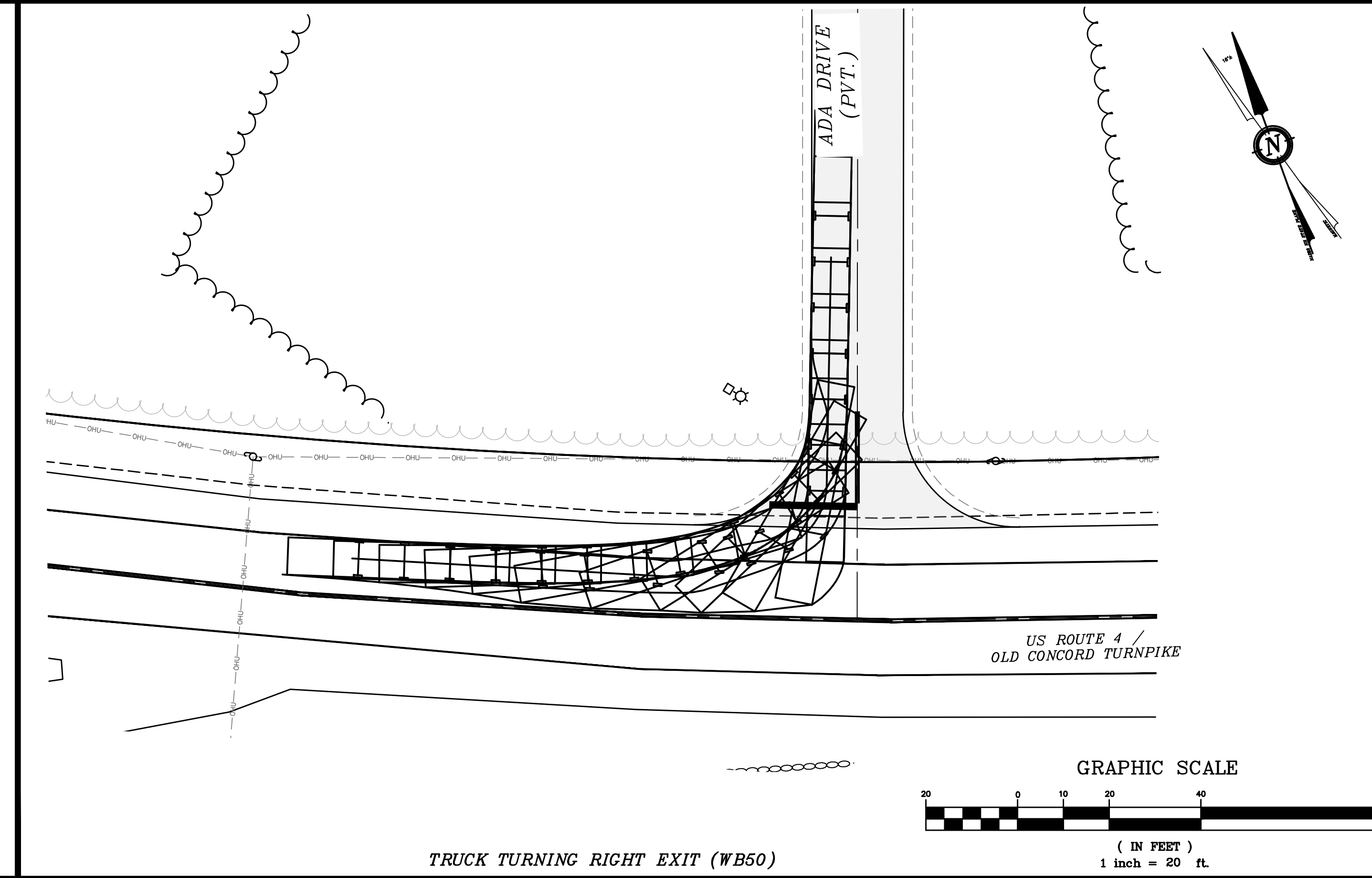
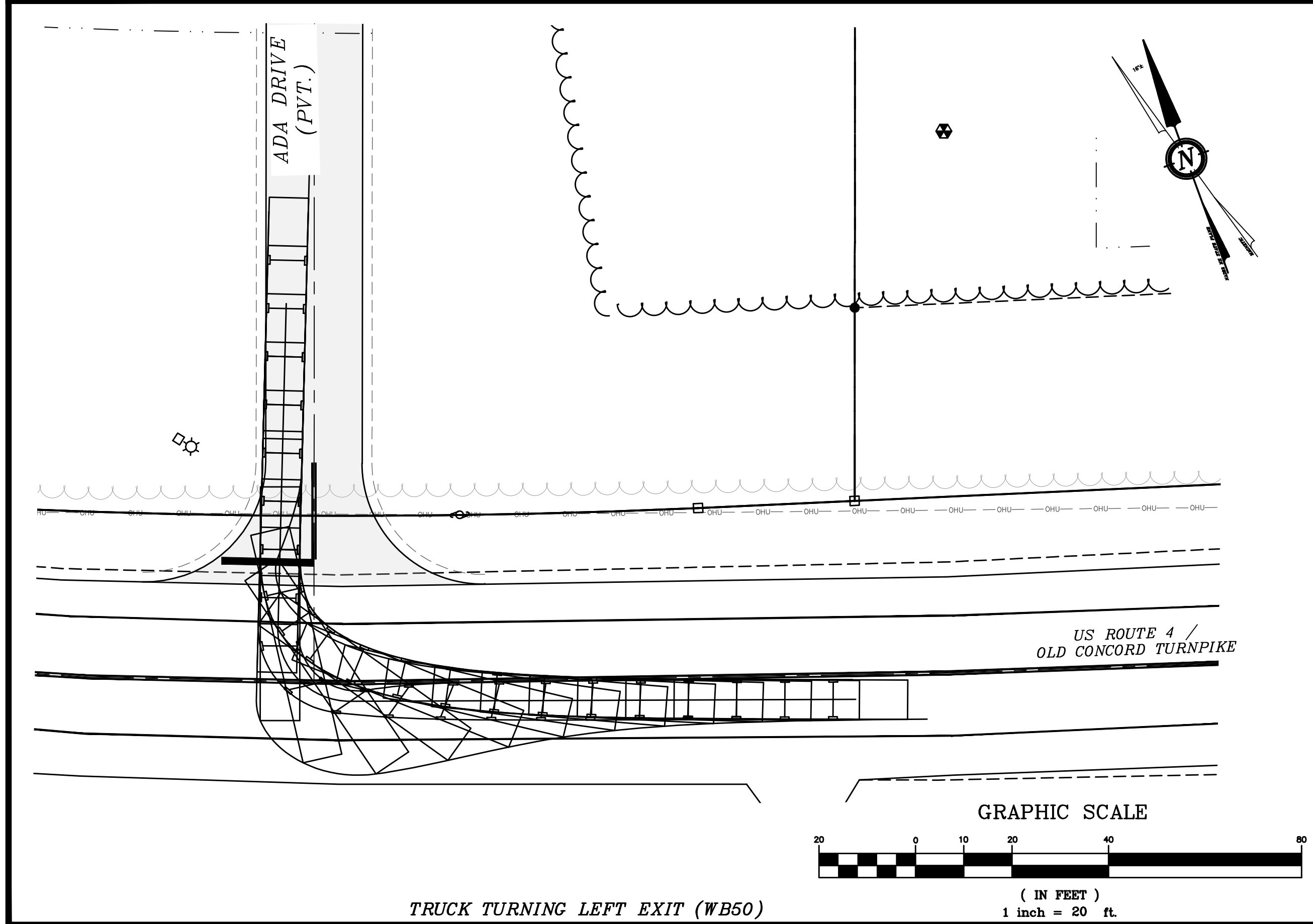
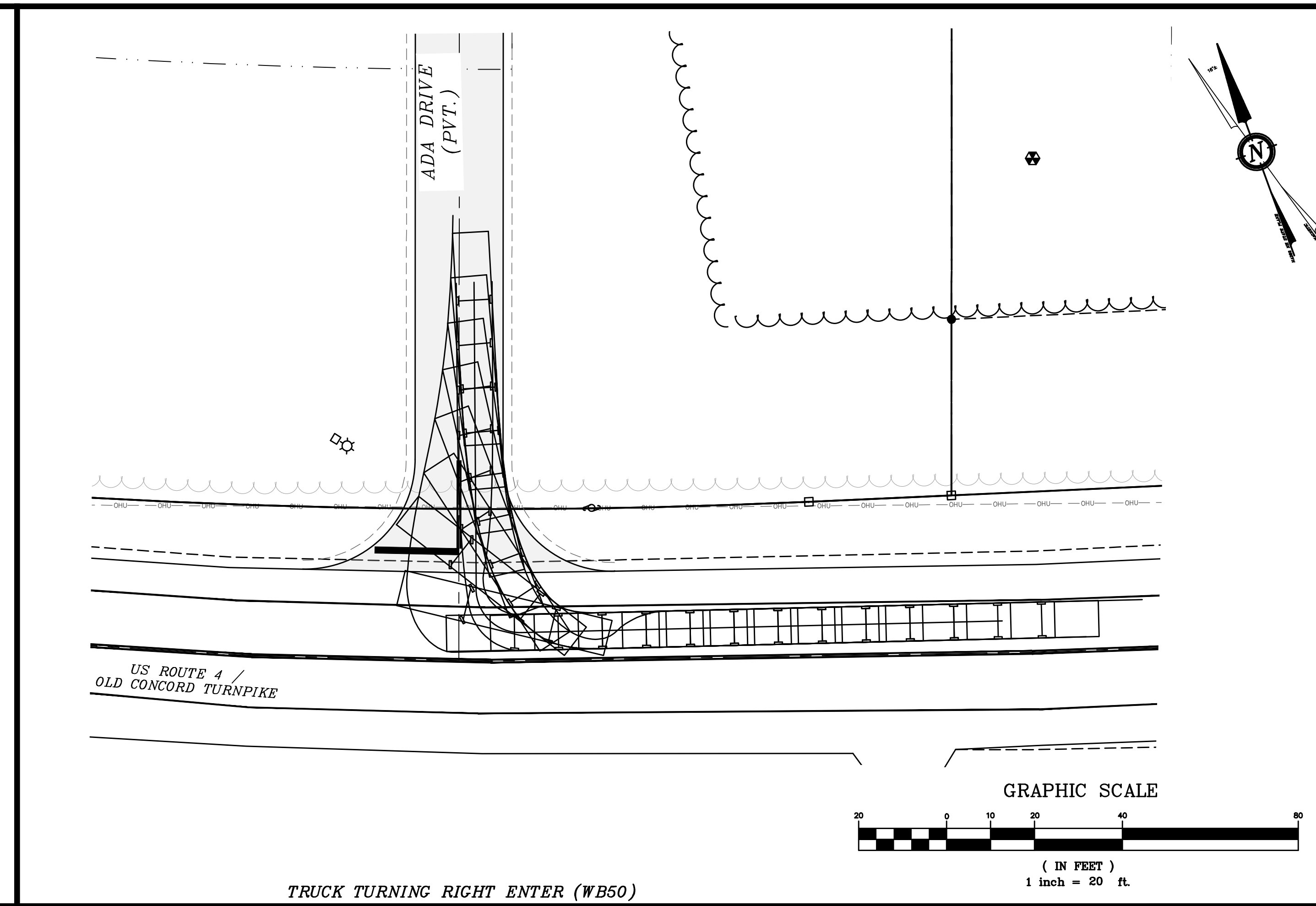
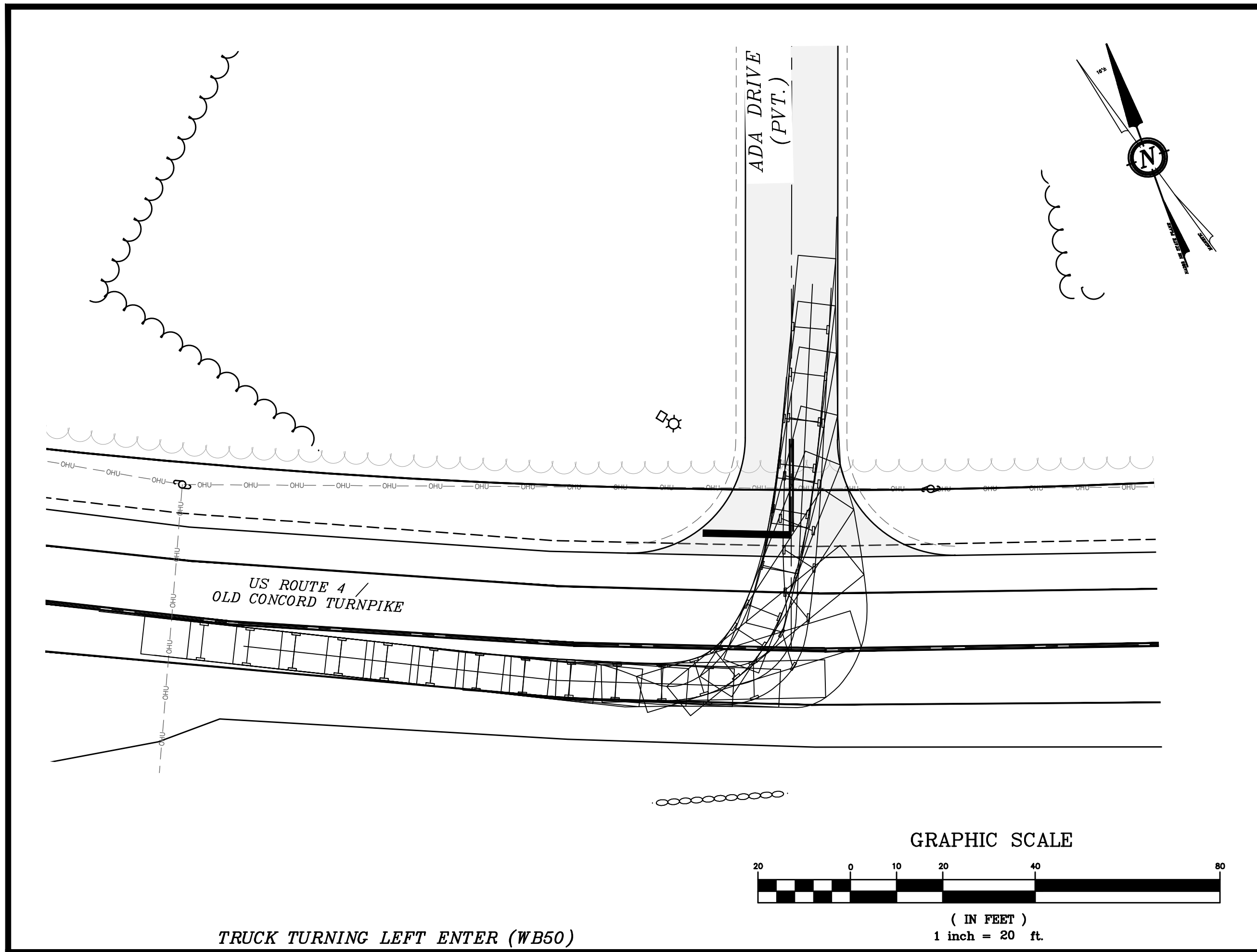
SECTION A-A OF DETENTION POND #108

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

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



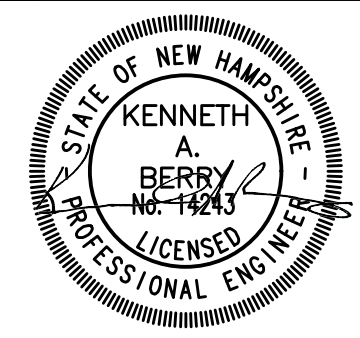
PROFILE 12" CULVERT



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

TRUCK TURNING TEMPLATE ADA 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.
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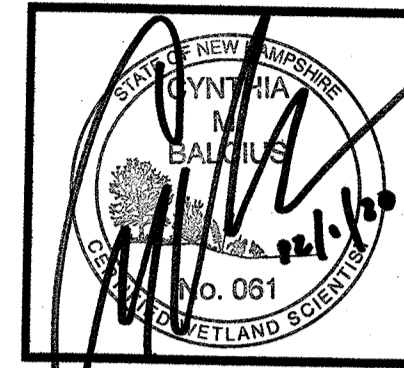
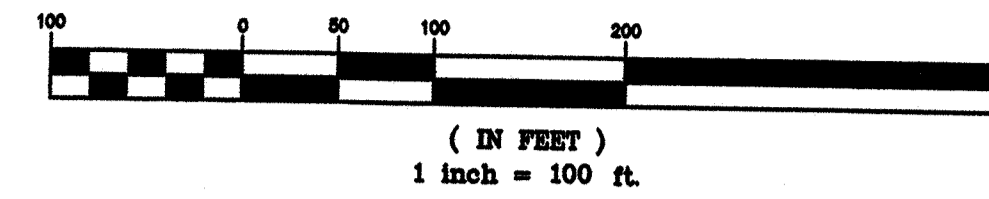


N/F UNIVERSITY OF NEW HAMPSHIRE
ASST VP FACILITIES
22 COLOVAS ROAD
DURHAM, NH 03824
TAX MAP 287, LOT 42

N/F KEARNEY, FAYE & KEVIN
80 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 3722, PAGE 524
TAX MAP 287, LOT 19

N/F NEWSH, KEITH & DEBBIE
84 HIGHLAND RIDGE ROAD
BARRINGTON, NH 03825
S.C.R.D. BOOK 1972, PAGE 190
TAX MAP 287, LOT 18

GRAPHIC SCALE



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. NEWPOC 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. LICHWAR, 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: NORTH-CENTRAL 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.

NOTES:

1. OWNER: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
2. APPLICANT: DOMUS DEVELOPERS INC. 11 WHITEHORSE DRIVE RYE, NH 03870
3. TAX MAP 6, LOT 22-33
4. LOT AREA: 1,111,859 Sq. Ft., 25.52 ACRES
5. R.C.R.D. BOOK 5977, PAGE 2799
6. 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 ~ 300.0'
MIN. LOT FRONTAGE ~ 300.0'
MAX. BLDG. HEIGHT ~ 34'
7. THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE OVERVIEW SITE DESIGN FOR THE PROPOSED MULTI FAMILY DEVELOPMENT ON ADA DRIVE FOR TOWNHOUSES WITH GARAGE UNDERS.
8. 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.
9. 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.
10. THIS PROJECT HAS NOT YET BEGUN.
11. THE PARKING SPACES IN FRONT OF THE UNITS AND THE ASSOCIATED DECKS ARE LIMITED COMMON AREAS. WHILE THE REMAINING LAND IS COMMON AREA.

MULTI FAMILY DENSITY CALCULATION:

- MULTI FAMILY ZONING REGULATIONS
- * 1 UNIT PER 5000 SQ. FT. OF BUILDABLE UPLAND
 - ** BUILDABLE UPLAND IN LOT 22-3 375,000 Sq. Ft. = 12.5 UNITS
 - * 1 UNIT PER 2 ACRES OF LAND AREA.
 - ** LOT SIZE FOR LOT 22-2 25.52 Ac. = 12.76 UNITS
- THIS LOT YIELDS 12 UNITS FOR MULTI FAMILY DEVELOPMENT BASED ON THE LOT AREA AND CONTIGUOUS BUILDABLE UPLAND.

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 3 SPACES/UNIT = 48 SPACES
 - ** 9 ADDITIONAL GUEST SPACES PROVIDED
- TOTAL REQUIRED: 24
TOTAL PROPOSED: 57

SECTION	REVERSE CURVE MINIMUM TANGENT	GRANTED
SECTION 15.2.1, TABLE 1	(REVERSE CURVE MINIMUM 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

ABUTTERS

- (A) N/F GRAHAM, WILLIAM A. 36 OLD TURNPIKE ROAD NOTTINGHAM, NH 03290 R.C.R.D. BOOK 3455, PAGE 716 TAX MAP 6, LOT 17-5
- (B) N/F STATE OF NEW HAMPSHIRE FOREST & LAND DIVISION PO BOX 1856 CONCORD, NH 03302 TAX MAP 6, LOT 18
- (C) 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

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.

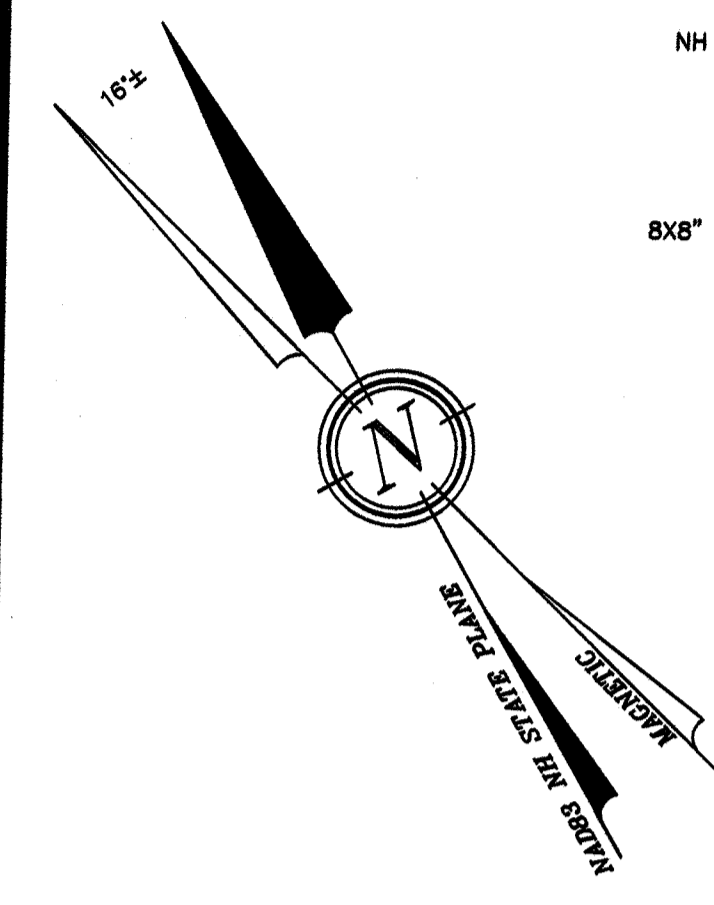
Kenneth A. Berry 12-1-20
KENNETH A. BERRY L.L.S. 805 DATE

REVISION	DATE	DESCRIPTION
#6	11-24-20	REVISED FOR CONDITIONS OF APPROVAL
#5	11-23-20	REVISED FOR NHDES COMMENT
#4A	8-17-20	REVISED FOR NHDOT COMMENT
#3B	6-1-20	REVISED FOR AOT RFM

CONDOMINIUM SITE PLAN
LAND OF
DOMUS DEVELOPERS INC.
US ROUTE 4 / OLD TURNPIKE ROAD
NOTTINGHAM, N.H.
TAX MAP 6, LOT 22-3

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

SHEET 36 OF 36



- LEGEND:
- 3/4" IRON BOUND (SET)
 - GRANITE BOUND (SET)
 - UTILITY POLE/GUY WIRE
 - STONE WALL
 - - - POORLY DRAINED WETLAND LINE
 - - - VERY POORLY DRAINED WETLAND LINE
 - - - 50' WETLAND BUFFER
 - - - BUILDING SETBACK LINE
 - - - LIMIT OF BUILDING RESTRICTION
 - - - ROCKINGHAM COUNTY REGISTRY OF DEEDS
 - - - R.C.R.D. TYP.
 - - - FND

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

TAX MAP 6, LOT 22-3
TOTAL AREA:
1,111,859 Sq. Ft., 25.52 Ac.
TOTAL CONTIGUOUS UPLANDS:
714,820 Sq. Ft., 16.41 Ac.
RESTRICTED NON-BUILDING AREA
630,026 Sq. Ft., 14.46 Ac.

NOTTINGHAM APPROVED PLANNING BOARD

DATE _____

