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OWNER: NHBBC, LLC
 607 CALEF HWY, SUITE 200
 BARRINGTON, NH 03825

APPLICANT: TURBOCAM, INC.
 607 CALEF HWY, SUITE 200
 BARRINGTON, NH 03825

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

SOIL SCIENTIST: JOHN P. HAYES, III, CSS
 7 LIMESTONE WAY
 NORTH HAMPTON, NH 03862

WETLAND SCIENTIST: DIEDRA BENJAMIN, CWS
 100 LEAVITT ROAD
 PITTSFIELD, NH 03263

INDUSTRIAL SITE PLAN LIGHT MANUFACTURING FACILITY FOR TURBOCAM, INC. CALEF HIGHWAY BARRINGTON, NH TAX MAP 238, LOT 44-1

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 BARRINGTON LAND USE DEPARTMENT.

FOR TOWN APPROVAL PURPOSES :

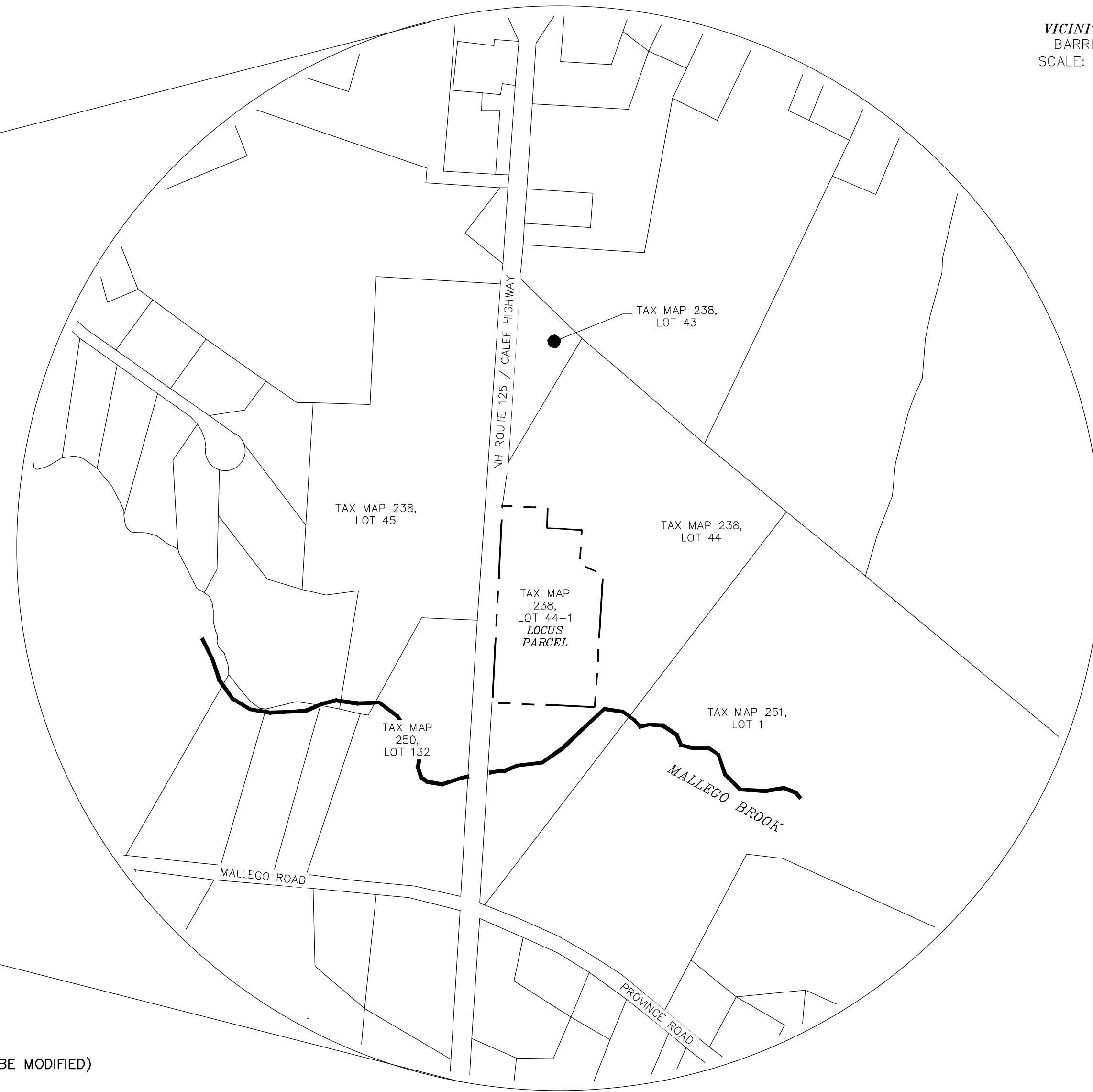
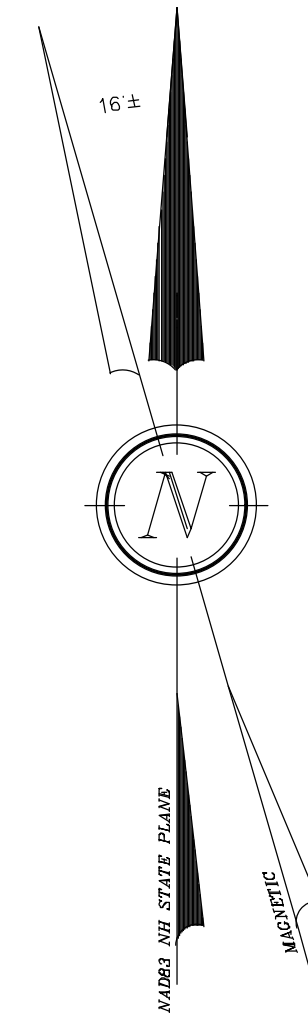
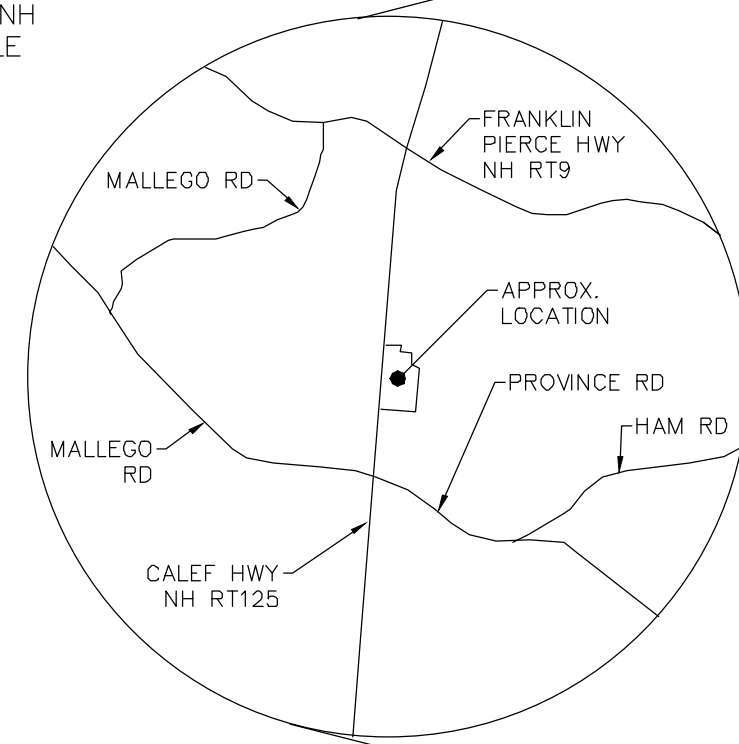
THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

OWNER'S SIGNATURE _____ DATE _____

VICINITY SKETCH
 BARRINGTON, NH
 SCALE: 1" = 400' ±

* DENOTES A PLAN IS TO BE RECORDED AT THE S.C.R.D.

LOCATION PLAN
 BARRINGTON, NH
 NOT TO SCALE



WILDLIFE PROTECTION NOTES (ENV-WQ 1504.17):

- ALL OBSERVATIONS OF THREATENED OR ENDANGERED SPECIES SHALL BE REPORTED IMMEDIATELY TO THE NEW HAMPSHIRE FISH AND GAME DEPARTMENT NONGAME AND ENDANGERED WILDLIFE ENVIRONMENTAL REVIEW PROGRAM BY PHONE AT 603-271-2461 AND BY EMAIL AT NHFGREVIEW@WILDLIFE.NH.GOV, EMAIL SUBJECT LINE: NHB23-0987, INDUSTRIAL SITE PLAN FOR TURBOCAM, INC., WILDLIFE SPECIES OBSERVATION.
- PHOTOGRAPHS OF THE OBSERVED SPECIES AND NEARBY ELEMENTS OF HABITAT OR AREAS OF LAND DISTURBANCE SHALL BE PROVIDED TO NHF&G IN DIGITAL FORMAT AT THE ABOVE EMAIL ADDRESS FOR VERIFICATION AS FEASIBLE.
- IN THE EVENT A THREATENED OR ENDANGERED SPECIES IS OBSERVED ON THE PROJECT SITE DURING THE TERM OF THE PERMIT, THE SPECIES SHALL NOT BE DISTURBED, HANDLED, OR HARMED IN ANY WAY PRIOR TO CONSULTATION WITH NHF&G AND IMPLEMENTATION OF CORRECTIVE ACTIONS RECOMMENDED BY NHF&G, IF ANY, TO ASSURE THE PROJECT DOES NOT APPRECIABLY JEOPARDIZE THE CONTINUED EXISTENCE OF THREATENED AND ENDANGERED SPECIES AS DEFINED IN FIS 1002.04
- THE NHF&G, INCLUDING ITS EMPLOYEES AND AUTHORIZED AGENTS, SHALL HAVE ACCESS TO THE PROPERTY DURING THE TERM OF THE PERMIT.

REQUIRED PERMITS:

- ~ NHDES SUBSURFACE APPROVAL (PENDING)
- ~ NHDES ALTERATION OF TERRAIN PERMIT (PENDING)
- ~ NHDES WETLANDS PERMIT BY NOTIFICATION (PENDING)
- ~ US EPA NOI & SWPPP (PENDING)
- ~ NATURAL HERITAGE BUREAU NHB23-0987
- ~ NH DIVISION OF HISTORICAL RESOURCES (PENDING)
- ~ NHDOT DRIVEWAY PERMIT 06-027-413 (TO BE MODIFIED)
- ~ BARRINGTON CONDITIONAL USE PERMIT (PENDING)
- ~ BARRINGTON 9.6 SPECIAL USE PERMIT (PENDING)

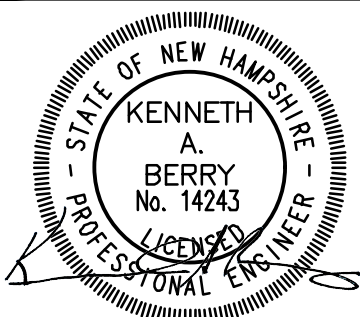
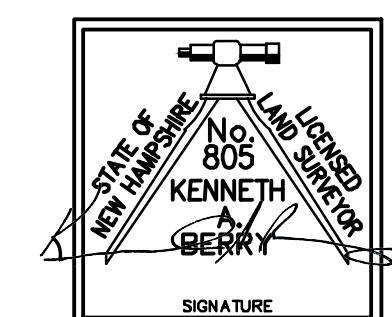
GENERAL PLAN SET NOTES:

- 11x17" PLANS ARE TWICE THE PUBLISHED SCALE.
- ALL PLANS ARE CONSIDERED TO BE NOT FOR CONSTRUCTION UNLESS THEY CONTAIN THE APPROVAL STAMP OF THE TOWN OF BARRINGTON.

REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

INDUSTRIAL SITE PLAN
 FOR
 TURBOCAM, INC.
 LAND OF
 NHBBC, LLC
 NH ROUTE 125/CALEF HIGHWAY
 BARRINGTON, N.H.
 TAX MAP 238, LOT 44-1

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE : AS SHOWN
 DATE : FEBRUARY 5, 2024
 FILE NO. : DB 2023 - 017



EXISTING LEGEND:

- IRON BOUND/REBAR ~FND~
- UTILITY POLE
- GUY WIRE
- SIGNAGE
- ⊕ TEST PIT
- ⊕ TEMPORARY BENCHMARK (T.B.M.)
- ⊕ WELL
- BUILDING SETBACK LINE
- POORLY DRAINED JURISDICTIONAL WETLAND LINE
- VERY POORLY DRAINED JURISDICTIONAL WETLAND LINE
- 50' POORLY DRAINED WETLAND BUFFER
- NRCS SOIL DELINEATION LINE
- SITE SPECIFIC SOIL LINE
- LIMIT OF SOIL SURVEY
- OVERHEAD UTILITIES LINE
- UNDERGROUND UTILITIES LINE
- EXISTING DRAIN CULVERT
- CONTOUR MINOR, EXISTING
- CONTOUR MAJOR, EXISTING
- CONSERVATION EASEMENT LINE
- TREELINE
- NHDES PROTECTIVE WELL RADIUS
- RED PINE PLANTATION
- MATCH LINE
- ⊕ FIRE DEPARTMENT CONNECTION
- ⊕ LIGHT, POLE MOUNTED
- 448A SOIL SERIES
- 432B NRCS SOIL LABEL
- SC.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS
- TYP TYPICAL
- FND FOUND
- POORLY DRAINED JURISDICTIONAL WETLAND HATCH
- VERY POORLY DRAINED JURISDICTIONAL WETLAND HATCH

ABBREVIATION LEGEND:

- E.O.P. EDGE OF PAVEMENT
- V.G.C. VERTICAL GRANITE CURB
- S.G.C. SLOPED GRANITE CURB
- C.C.C. CAST-IN-PLACE CONCRETE CURB
- BITUM. BITUMINOUS
- E.S.H.W.T. ESTIMATE SEASONAL HIGH WATER TABLE
- TYP. TYPICAL
- U.G.E. UNDER GROUND ELECTRIC / UTILITIES
- O.H.U. OVERHEAD ELECTRIC / UTILITIES
- CLDI CONCRETE LINED DUCTILE IRON
- DI DUCTILE IRON
- F.P. FIRE PROTECTION
- FDC FIRE DEPARTMENT CONNECTION
- U.D. UNDER DRAIN
- C.O. CLEAN OUT
- TYP. INVERT
- ELEV. ELEVATION
- HDPE HIGH DENSITY POLYETHYLENE
- RCP REINFORCED CONCRETE PIPE
- RECB ROLLED EROSION CONTROL BLANKET
- F.G. FINISHED GRADE
- E.G. EXISTING GRADE
- E.T.W. EDGE OF TRAVELED WAY
- T.B.R. TO BE REMOVED
- PL PROPERTY LINE
- EL EASEMENT LINE
- CL CENTER LINE
- CF CUBIC FEET
- P.C. POINT OF CURVATURE
- P.T. POINT OF TANGENCY
- P.V.C. POINT OF VERTICAL CURVE
- P.V.I. POINT OF VERTICAL INTERSECTION
- P.V.T. POINT OF VERTICAL TANGENCY
- EX. EXISTING
- PROP. PROPOSED
- STA. STATION
- BMP BEST MANAGEMENT PRACTICE
- '/' FEET / FEET
- TP TEST PIT
- FND FOUND
- TBS TO BE SET

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

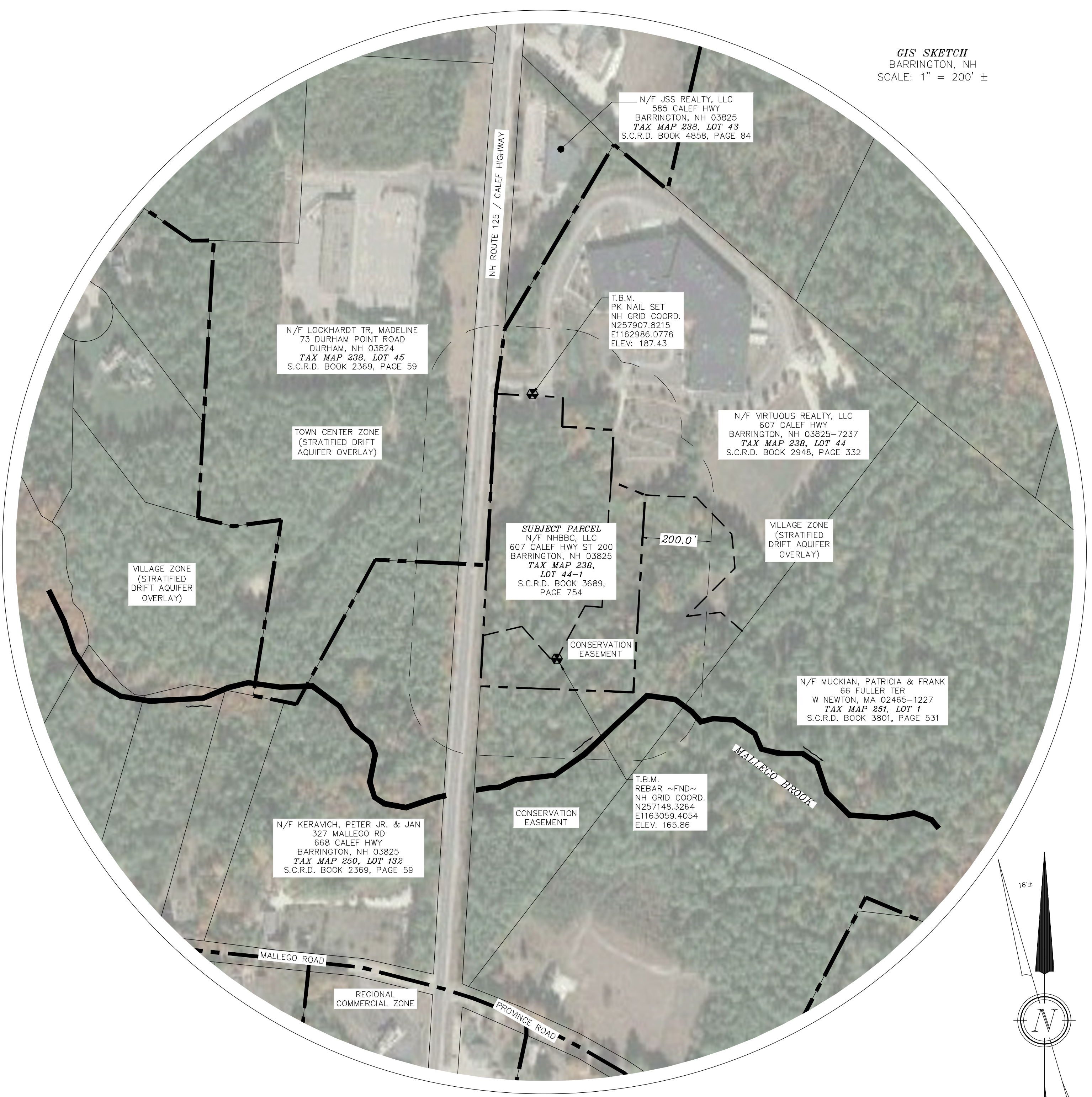
PROPOSED LEGEND:

- 3/4" REBAR W/ ID CAP ~TBS~
- 1/2" REBAR W/EASEMENT CAP ~TBS~
- GRANITE BOUND ~TBS~
- ⊕ DETAIL SHEET / DETAIL
- CONTOUR MINOR, PROPOSED
- CONTOUR MAJOR, PROPOSED
- ROAD CENTERLINE
- SHOULDER
- DRAIN CULVERT W/ FLARED END SECTION (F.E.S.)
- UNDERDRAIN
- GUARD RAIL
- PROPOSED EASEMENT LINE
- RIP RAP
- STORMWATER BEST MANAGEMENT PRACTICE (BMP)
- BERM
- RETAINING WALL
- STORMTECH CHAMBERS/ISOLATOR ROW
- DRAIN MANHOLE W/ STRUCTURE
- CATCH BASIN W/ STRUCTURE
- STORMWATER BMP OUTLET STRUCTURE
- TRANSFORMER / J.BOX
- UNDERGROUND UTILITY
- GATE VALVE
- CURB STOP
- POST HYDRANT
- THRUST BLOCKS
- LIGHT TYPE "A" MOUNTED ON POLE
- LIGHT TYPE "B" MOUNTED ON BUILDING
- LIGHT TYPE "C" DOMESTIC LIGHTING NEAR ACCESS DOORS
- INLINE FLUSHING MANHOLE W/ STRUCTURE
- PROPOSED WATER MAIN LINE
- PROPOSED WATER SERVICE
- PROPOSED EFFLUENT FORCEMAIN
- PROPOSED GRAVITY SEWER SERVICE
- PROPOSED GAS LINE / LP TANK
- EFFLUENT DISPOSAL AREA
- EXISTING SPOT GRADE
- PROPOSED SPOT GRADE
- FLOW ARROW
- SAW CUT & MILL
- SILT FENCE / EROSION MIX BERM
- FILTEREXX 8" - 12" SILT SOXX AS SPECIFIED
- PERIMETER CONTROL (SEE E-101)
- CONSTRUCTION FENCE
- PERMANENT WETLAND BUFFER IMPACT
- TEMPORARY WETLAND BUFFER IMPACT
- TEMPORARY WETLAND IMPACT

LEGEND:

- TREES:
- AR - RED MAPLE TREE
- PD - PAGODA DOGWOOD
- WS - WHITE SPRUCE
- DWARF SPRUCES:
- DS - BABY BLUE EYES PICEA (BLUE SPRUCE), NORTH STAR DWARF WHITE SPRUCE, DWARF ALBERTA SPRUCE
- BUSHES:
- BB - BAYBERRY
- BT - BUTTERFLY BUSH
- AV - ARROWWOOD
- MK - MISS KIM LILAC
- EB - ELDERBERRY
- SB - SPICEBUSH
- HB - Highbush BLUEBERRY
- ML - MOUNTAIN LAUREL
- MV - MAPLE LEAF VIBURNUM
- GRASSES:
- KF - FEATHER REED GRASS
- PLANTS:
- PL - A MIX OF BLACK-EYED SUSAN, NEW ENGLAND ASTER, ANISE HYSSOP & CRANESBILL

GIS SKETCH
BARRINGTON, NH
SCALE: 1" = 200' ±



#	REVISION	DATE	DESCRIPTION
#1A	04-04-24		BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

NEIGHBORHOOD PLAN
FOR
TURBOCAM, INC.
LAND OF
NHBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 4-1

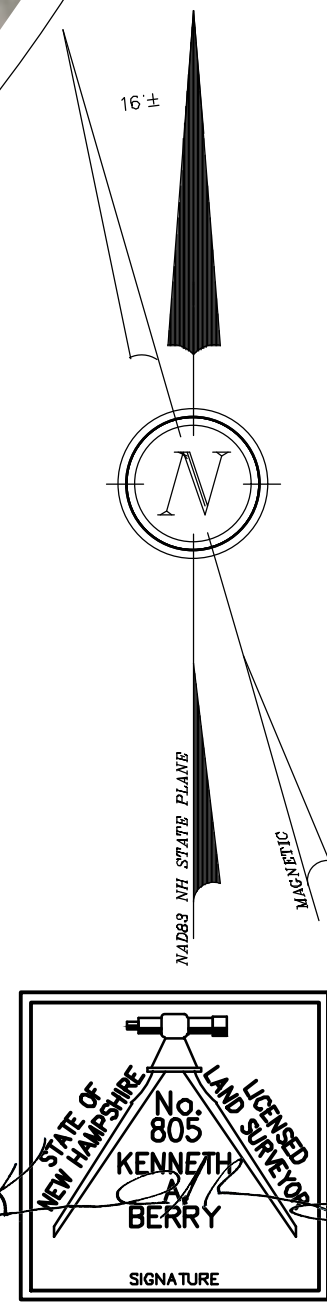
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : AS SHOWN
DATE : FEBRUARY 5, 2024
FILE NO. : DB 2023 - 017

KENNETH A. BERRY
No. 14243
PROFESSIONAL ENGINEER

FOR PLANNING BOARD APPROVAL PURPOSES:

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

- ADJUTERS WITHIN 200':**
- N/F LOCKHARDT TR, MADELINE
73 DURHAM POINT ROAD
DURHAM, NH 03824
TAX MAP 238, LOT 45
S.C.R.D. BOOK 2369, PAGE 59
 - N/F KERAVICH, PETER JR. & JAN
327 MALLEGO RD
668 CALEF HWY
BARRINGTON, NH 03825
TAX MAP 250, LOT 132
S.C.R.D. BOOK 2369, PAGE 59
 - N/F VIRTUOUS REALTY, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
S.C.R.D. BOOK 2948, PAGE 337
CONSERVATION EASEMENT
- ADJUTERS WITHIN 200' CONT.:**
- N/F MUCKIAN, PATRICIA & FRANK
66 FULLER TER
W NEWTON, MA 02465-1227
TAX MAP 251, LOT 1
S.C.R.D. BOOK 3801, PAGE 531
 - N/F JSS REALTY, LLC
585 CALEF HWY
BARRINGTON, NH 03825
TAX MAP 238, LOT 43
S.C.R.D. BOOK 4858, PAGE 84
 - N/F TOWN OF BARRINGTON
P.O. BOX 660
BARRINGTON, NH 03825
S.C.R.D. BOOK 2948, PAGE 337
CONSERVATION EASEMENT



SITE PLAN NOTES:

- 1.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAIN...
2.) PROPERTY LINE INFORMATION HAS BEEN OBTAINED FROM A SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING...
3.) AS-BUILT PLANS OF THE SITE SHALL BE SUBMITTED ON A REPRODUCIBLE MYLAR MEDIUM AND IN A DIGITAL PDF FORMAT...
4.) TOPOGRAPHIC SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING IN SPRING OF 2023 UNDER NO SNOW CONDITIONS...
5.) DATUM: PROJECT DATUM IS BASED ON GPS COORDINATES ESTABLISHED WITH A CARLSON BR7 SURVEY GRADE GPS RECEIVERS...
6.) UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED...
7.) ALL ON-SITE UTILITIES SHALL BE INSTALLED UNDERGROUND WITH THE EXCEPTION OF POSSIBLY ONE DROP POLES...
8.) THE SUBJECT PARCELS ARE SERVED BY ON SITE WATER AND EFFLUENT DISPOSAL...
9.) ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION...
10.) 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...
11.) THE LIMITS OF CONSTRUCTION DISTURBANCE SHALL BE STAKED, FLAGGED AND CLEARLY IDENTIFIED PRIOR TO THE COMMENCEMENT OF SITE WORK...
12.) 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...
13.) 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...
14.) BUILDING ADDRESSES SHALL BE ASSIGNED BY THE BUILDING INSPECTOR AT THE TIME OF ISSUANCE OF A BUILDING PERMIT...
15.) THE FOLLOWING FEDERAL, STATE AND LOCAL PERMITS HAVE BEEN ISSUED FOR THE SUBJECT PROPERTY:
16.) NOTE THAT THE PROJECT IS SUBJECT TO THE EPA NPDES PHASE II, THE NOTICE OF INTENT (NOI) MUST BE FILED ALONG WITH A STORMWATER POLLUTION PREVENTION PLAN (SWPPP)...
17.) CALL DIG SAFE PRIOR TO BEGINNING WORK (1-888-344-7233)
18.) ALL CONSTRUCTION SHALL CONFORM TO THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION...
19.) WRITTEN DIMENSION ON THIS PLAN TAKE PRECEDENCE OVER SCALED DIMENSIONS...
20.) THERE IS CLEAR SIGHT DISTANCE IN BOTH THE NORTH AND SOUTH DIRECTIONS AT THE DRIVEWAY ENTRANCE OF TURBOCAM ONTO ROUTE 125/CALEF HIGHWAY...
21.) EXTERIOR LIGHTING SHALL BE CUT-OFF TYPE FIXTURES AND SHALL PROVIDE LIGHTING DIRECTED ON-SITE ONLY...
22.) CONTRACTOR SHALL COORDINATE ALL ELECTRICAL INSTALLATIONS WITH EVERSOURCE AT (603) 436-7708...
23.) CONTRACTOR SHALL COORDINATE ALL TELECOMMUNICATIONS INSTALLATIONS WITH BREEZELINE AT (888) 536-9600...
24.) CONTRACTOR SHALL COORDINATE ALL CABLEINSTALLATIONS WITH BREEZELINE AT (888) 536-9600...
25.) IF THE EARTHWORK IS PERFORMED DURING FREEZING WEATHER, EXPOSED SUBGRADES ARE SUSCEPTIBLE TO FROST...
26.) PLACEMENT OF BORROW MATERIALS SHALL BE PERFORMED IN A MANNER THAT PREVENTS LONG TERM DIFFERENTIAL SETTLEMENT...
27.) LIST ANY VARIANCES OR SPECIAL EXCEPTIONS GRANTED BY THE ZONING BOARD OF ADJUSTMENT FOR THIS PROJECT...
28.) REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY DISTURBANCE OF THE SITES SURFACE AREA...
29.) SNOW STORAGE AREAS ARE AS SHOWN ON THIS SITE PLAN, WHICH PROVIDES FOR APPROXIMATELY 8,723 SQUARE FEET OF STORAGE...
30.) THE APPLICANT IS ABLE TO MAKE LIKE CHANGES TO PRODUCTS SO LONG AS THE DESIGN ENGINEER APPROVES THAT THEY MEET THE DESIGN INTENT...
31.) THE SITE WORK HOURS SHALL BE LIMITED TO MONDAY-FRIDAY 7AM-6PM, SATURDAY 9AM-4PM WITH NO SUNDAY HOURS...
32.) THE FOLLOWING WAIVERS ARE HEREBY REQUESTED AS PART OF THIS SITE PLAN:
33.) IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS...
34.) IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE...
35.) ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION...
36.) THE FOLLOWING CONDITIONAL USE PERMIT IS REQUESTED FOR THE PROJECT:

STANDARD CONSTRUCTION NOTES:

- 1.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MULCH BERM / FENCE / SILT SOXX).
2.) TWO ON SITE BENCHMARKS ARE PROVIDED. BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
3.) EXISTING ARE PROVIDED AT 2' INTERVALS AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.
4.) SEE UTILITY PLANS FOR DETAILS ON THE PROPOSED EFFLUENT, WATER, AND UNDERGROUND ELECTRIC LINES SHOWN.
5.) EXISTING CONDITIONS INFORMATION IS BASED ON A SURVEY PERFORMED BY BERRY SURVEYING & ENGINEERING AND IS ENCLOSED IN THIS PACKAGE.
6.) CONTRACTOR SHALL TAKE SPECIAL CARE IN NOT DISTURBING EXISTING MONUMENTS BOUNDS, AND OR BENCHMARKS WITHOUT FIRST MAKING PROVISIONS FOR RELOCATION.
7.) 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...
8.) WHERE AN EXISTING UNDERGROUND UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK...
9.) THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS (IF APPLICABLE), ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.
10.) AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION...
11.) 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)
12.) ALL SYMBOLS, WORDS, TRANSVERSE MARKINGS (STOP BARS, CROSSWALK LINES, AND RAILROAD SYMBOLS), LANE LINES, AND ALL OTHER MARKINGS NOTED WITH (T) SHALL BE THERMOPLASTIC.
13.) ALL ELEVATIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION...
14.) NOTE THAT THE PROJECT IS SUBJECT TO THE EPA NPDES PHASE II, THE NOTICE OF INTENT (NOI) MUST BE FILED ALONG WITH A STORMWATER POLLUTION PREVENTION PLAN (SWPPP)...
15.) UPON FINAL COMPLETION AND 85% STABILIZATION THE DRAINAGE SYSTEM IS TO BE CLEARED OF ALL DEBRIS TO INCLUDE THE PUMPING OF THE BASIN SUMPS.
16.) ALL CATCH BASINS ARE TO HAVE BOOTS INSTALLED ON ALL INLETS AND OUTLETS...
17.) ALL DRAINAGE PIPE IS TO BE HDPE N=12, INDIVIDUAL PIPE SIZES ARE SPECIFIED...
18.) ALL BASINS AND DRAINS ARE PROPOSED WITH NO SUMPS OR HOODS. OUTLET CONTROL STRUCTURES WILL NOT HAVE SUMPS...
19.) SEE GRADING PLANS AND STORMWATER BMP PLANS FOR BUILDING FOUNDATION AND RETAINING WALL WATER PROOFING BARRIER NOTES.

UTILITY NOTES:

- 1.) UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED...
2.) PROTECTION OF SUBGRADE: THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN STABLE, DE-WATERED SUBGRADES, TRENCHES, AND OTHER AREAS DURING CONSTRUCTION...
3.) IF THE EARTHWORK IS PERFORMED DURING FREEZING WEATHER (NOT ALLOWED IN TOWN R.O.W.), EXPOSED SUBGRADES ARE SUSCEPTIBLE TO FROST...
4.) PLACEMENT OF BORROW MATERIALS SHALL BE PERFORMED IN A MANNER THAT PREVENTS LONG TERM DIFFERENTIAL SETTLEMENT...
5.) FINAL UTILITY LOCATIONS TO BE COORDINATED BETWEEN THE CONTRACTOR, ALL APPROPRIATE UTILITY COMPANIES AND THE BARRINGTON DPIW.
6.) ALL WATER MAIN AND SERVICE INSTALLATIONS SHALL CONFORM TO TOWN OF BARRINGTON STANDARDS...
7.) CONTRACTOR SHALL COORDINATE ALL ELECTRICAL INSTALLATIONS WITH EVERSOURCE AT (800) 662-7764...
8.) CONTRACTOR SHALL COORDINATE ALL TELECOMMUNICATIONS INSTALLATIONS WITH FAIRPOINT COMMUNICATIONS AT (603) 427-5525.
9.) THE APPLICANT IS ABLE TO MAKE LIKE CHANGES TO PRODUCTS SO LONG AS THE DESIGN ENGINEER APPROVES THAT THEY MEET THE DESIGN INTENT.
10.) CONTRACTOR SHALL COORDINATE ALL CABLE INSTALLATIONS WITH BREEZELINE.
11.) PROPANE TO BE PROVIDED VIA ABOVE GROUND TANKS LOCATED NO CLOSER THAN 10' TO ANY STRUCTURE.
12.) ALL SEWER MANHOLE RIMS & COVERS ARE TO BE LIFTMATE R-1743-LM AND MADE IN NORTH AMERICA.
13.) ALL WATER SERVICES ARE TO BE WITNESSED WITH A 2"x4" PAINTED BLUE...
14.) CURB BOXES SHOULD BE PLACED IN THE LAWN AREA, OR IF PLACED IN PAVEMENT, A ROAD BOX IS REQUIRED.
15.) VERTICAL DATUM BASED ON NAVD88 ELEVATIONS...
16.) MINIMUM SLOPE FOR ALL SEWER SERVICE CONNECTIONS IS TO BE NO LESS THAN 0.010'/, FOR 6" SDR 35/SCHD. 40 AND NO LESS THAN 0.021'/, FOR 4" SDR 35/SCHD. 40.
17.) ALL SEWER INSTALLATIONS SHALL CONFORM TO THE REQUIREMENTS OF NHDES & BARRINGTON STANDARDS...
18.) CONTRACTOR TO TRANSFER TEMPORARY BENCHMARK TO A SUITABLE BENCHMARK TO CONTROL CONSTRUCTION...
19.) ALL SEWER AND WATER CROSSINGS ARE TO MAINTAIN A 1.5' OF SEPARATION AND 10' HORIZONTAL CLEARANCE BETWEEN WATER AND SEWER.
20.) SEE U-102 & U-103 FOR DUPLEX EFFLUENT PUMP STATION DESIGN INFORMATION...
21.) SEE C-104 FOR 30,000 GALLON FIRE CISTERN DETAILS AND ELEVATIONS.

EROSION AND SEDIMENT CONTROL NOTES:

- 1.) 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...
2.) 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..."
3.) CONTRACTOR IS REQUIRED TO HAVE A CONSTRUCTION ENTRANCE 3" ANGULAR STONE IS REQUIRED.
4.) CONTRACTOR IS RESPONSIBLE FOR SWEEPING THE DRIVEWAY TO ENSURE THAT NO SEDIMENT IS BEING TRACKED ONTO CALEF HIGHWAY.
5.) CONTRACTOR IS RESPONSIBLE FOR CLEANING AND MAINTAINING THE INLET PROTECTION ONCE INSTALLED.
6.) FUGITIVE DUST IS TO BE CONTROLLED THROUGHOUT THE CONSTRUCTION PROCESS...
7.) CONTRACTOR IS TO MEET THE REQUIREMENTS SPECIFIED IN RSA 430:51-57 AND AGR 3800, RELATING TO INVASIVE SPECIES.
8.) CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE WATER QUALITY FROM ANY RUNOFF DURING THE CONSTRUCTION PROCESS...
9.) CONTRACTOR CAN USE SILT FENCE, SILT SOXX OR MULCH BERM FOR PERIMETER CONTROL...
10.) CONTRACTOR TO BE AWARE OF THE SOIL PROFILES AND ENSURE THAT PROPER EROSION PREVENTION AND SEDIMENT CONTROL MEASURES ARE TAKEN AT ALL TIMES...
11.) COVER MANAGEMENT DURING CONSTRUCTION FOR EXPOSED SOIL WILL INCLUDE HAY / STRAW APPLIED AT A RATE OF 2.0 TONS PER ACRE...
12.) THE CONSTRUCTION SCHEDULE WILL BE MANAGED SO THAT ALL STORMWATER STRUCTURES WILL BE BUILT AND STABILIZED PRIOR TO RECEIVING SURFACE WATER RUNOFF...

VARIANCE REQUESTS:
ZONING ARTICLE 4.2.2(8): TO CONDUCT DEVELOPMENT IN THE GREENBELT BUFFER: PENDING
WAIVER REQUESTS:
SITE REVIEW REGULATION ARTICLE 4.9.4(1) TABLE #3: DRIVE ISLE WIDTH: PENDING
SPECIAL PERMIT FOR CONSTRUCTION IN A WETLAND BUFFER:
ARTICLE 9.6 (PENDING) TOTAL PERM. - 14,011 Sq.Ft., TOTAL TEMP. - 3,019 Sq.Ft.
TEMPORARY WETLAND IMPACT (NHDES PERMIT BY NOTIFICATION):
45 Sq.Ft. OF TEMPORARY WETLAND DISTURBANCE, LOT 44-1

FOR TOWN APPROVAL PURPOSES :
THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

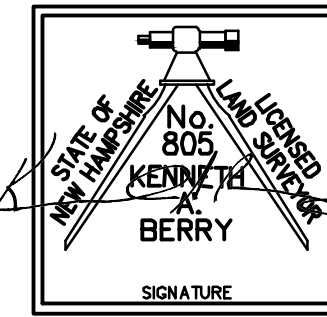
Table with columns: SIGN ID NUMBER, SIGN SIZE (WIDTH x HEIGHT), SIGN, TEXT DIMENSIONS, NO. OF SIGNS, BACKGROUND, LEGEND, BORDER, POST SIZE & QUANTITY. Includes signs for STOP, RESERVED PARKING, VAN ACCESSIBLE, DO NOT ENTER, ONE WAY, NO PARKING FIRE LANE, and various traffic signs.

PROJECT NOTES table with columns: #1A, 04-04-24, REVISION, DATE, DESCRIPTION. Includes notes about building, grading, drainage, utility changes.

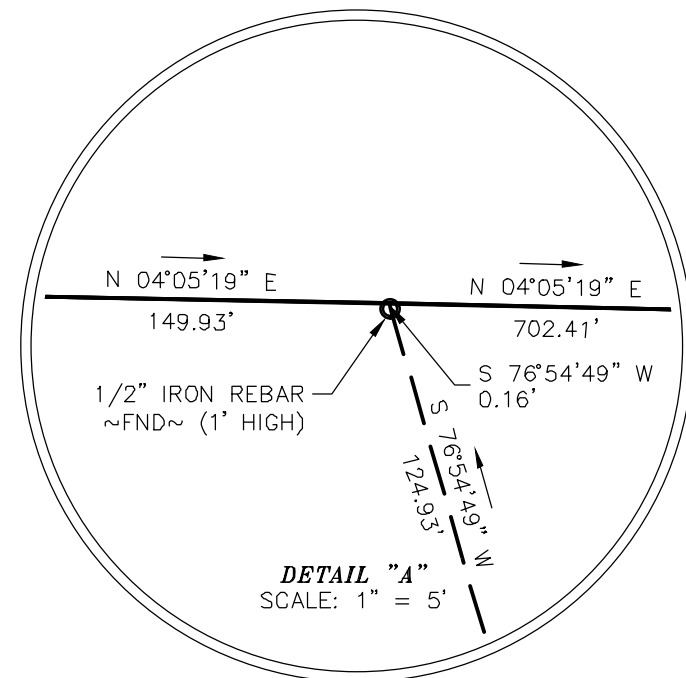
PROJECT NOTES
FOR TURBOCAM, INC.
LAND OF
NHBCB, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 23B, LOT 44-1



General Plant Maintenance Guide
General Plant Bed Maintenance:
- All plant maintenance should be performed by a qualified horticultural or licensed arborist.
- The first year watering during dry periods will be necessary.
- Fertilizing is not necessary for the first year.
Woody Shrubs:
- The first year watering during dry periods will be necessary.
- Fertilizing is not necessary for the first year.
Grasses:
- Grasses only need to be clipped back at the end of the growing season.
Perennials:
- All perennials need to be pruned back after the first or second hard frost.



BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : AS SHOWN
DATE : FEBRUARY 5, 2024
FILE NO. : DB 2023 - 017
SHEET 2 OF 51



N/F KERAVICH, PETER JR. & JAN
 327 MALLEGO RD.
 668 CALEF HIGHWAY
 BARRINGTON, NH 03825
TAX MAP 250, LOT 132
 S.C.R.D. BOOK 2369, PAGE 59

PLAN REFERENCES:

- 1.) "PLAN OF LAND, THE PLUNKETT FARM, BARRINGTON NEW HAMPSHIRE" BY: FREDERICK E. DREW ASSOCIATES DATED: NOV. 1974 S.C.R.D. POCKET #10, FOLDER #2, PLAN #47
- 2.) "SUBDIVISION PLAN, TURBOCAM, BARRINGTON, NH, OWNED BY, CAROLYN L. GOODWILL REVOCABLE TRUST, PREPARED FOR, VIRTUOUS REALTY, LLC" BY: TFM DATED: NOVEMBER 19, 2003 S.C.R.D. PLAN #74-74
- 3.) "TOPOGRAPHIC SUBDIVISION PLAN, TURBOCAM, BARRINGTON, NH, OWNED BY, CAROLYN L. GOODWILL REVOCABLE TRUST, PREPARED FOR, VIRTUOUS REALTY, LLC" BY: TFM DATED: NOVEMBER 19, 2003 S.C.R.D. PLAN #74-75

PLAN REFERENCES:

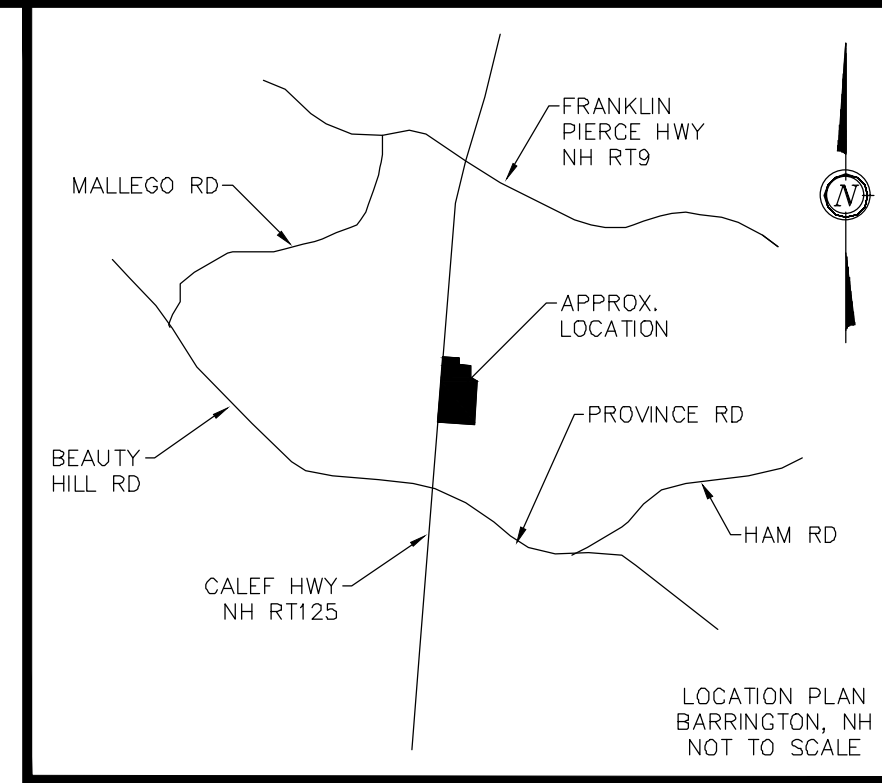
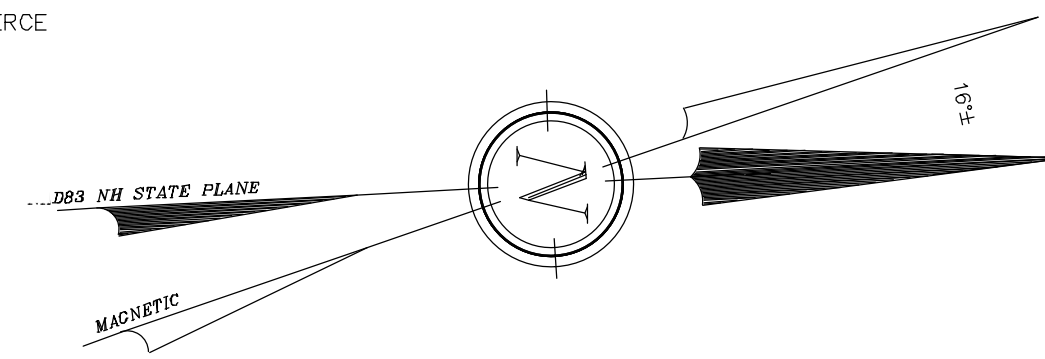
- 4.) "CONSERVATION EASEMENT PLAN, TURBOCAM, BARRINGTON, NH, OWNED BY, CAROLYN L. GOODWILL REVOCABLE TRUST, PREPARED FOR, VIRTUOUS REALTY, LLC" BY: TFM DATED: NOVEMBER 19, 2003 S.C.R.D. PLAN #74-76
- 5.) "LOT LINE ADJUSTMENT, NH ROUTE 9, FRANKLIN PIERCE HIGHWAY, NH ROUTE 125, CALEF HIGHWAY, BARRINGTON, STRAFFORD COUNTY NEW HAMPSHIRE, PREPARED FOR, WALDRON B. HALEY LIVING, REVOCABLE TRUST OF 1998" BY: NORWAY PLAINS DATED: OCTOBER 2015 S.C.R.D. PLAN #112-099
- 6.) "SUBDIVISION PLAN, NH ROUTE 9, FRANKLIN PIERCE HIGHWAY, NH ROUTE 125, CALEF HIGHWAY, BARRINGTON, STRAFFORD COUNTY NEW HAMPSHIRE, PREPARED FOR: WALDRON B. HALEY LIVING, REVOCABLE TRUST OF 1998" BY: NORWAY PLAINS DATED: OCTOBER 19, 2017 S.C.R.D. PLAN #115-022

PLAN REFERENCES:

- 7.) "LOT LINE ADJUSTMENT, NH ROUTE 9, FRANKLIN PIERCE HIGHWAY, NH ROUTE 125, CALEF HIGHWAY, BARRINGTON, STRAFFORD COUNTY NEW HAMPSHIRE, PREPARED FOR: WALDRON B. HALEY LIVING, REVOCABLE TRUST OF 1998" BY: NORWAY PLAINS DATED: FEBRUARY 2020 S.C.R.D. PLAN #12137
- 8.) "MINOR SUBDIVISION PLAN, PREPARED FOR, J & L TERRA HOLDINGS INC., OF THE PROPERTY IN THE NAME OF, WALDRON B. HALEY REVOCABLE, LIVING TRUST OF 1998, OF TAX MAP 238 / LOT 36, LOCATED AT, CALEF HIGHWAY (NH ROUTE 125) & FRANKLIN PIERCE HIGHWAY (NH ROUTE 9), COUNTY OF STRAFFORD, BARRINGTON, NH" BY: DAVID W. VINCENT, LLS DATED: SEPTEMBER 3, 2020 S.C.R.D. PLAN #12454

EASEMENT NOTE:

TAX MAP 238, LOT 44 & LOT 44-1 HAVE AN ACCESS AND EGRESS EASEMENT OVER THE EXISTING DRIVEWAY FOR USE BY "FOOT OR VEHICLE, OR ANY OTHER MEANS, FROM NH ROUTE 125 TO AND FROM THE DESCRIBED PROPERTY". THE EASEMENT LOCATION IS THE EXISTING DRIVEWAY SHOWN ON THIS PLAN. THE LENGTH OF THE EASEMENT IS 200.24 OR THE NORTHERLY BOUNDARY OF TAX MAP 238, LOT 44-1.



NOTES:

- 1.) OWNER: NHBBC, LLC 607 CALEF HIGHWAY, SUITE 200 BARRINGTON, NH 03825
- 1A.) APPLICANT: TURBOCAM, INC. 607 CALEF HIGHWAY, SUITE 200 BARRINGTON, NH 03825
- 2.) TAX MAP 238, LOT 44-1
- 3.) LOT AREA: 346,833 Sq.Ft., 7.96 Ac.
- 4.) S.C.R.D. BOOK 3689, PAGE 754
- 5.) THE INTENT OF THIS PLAN IS TO SHOW THE LOCATION OF BOUNDARIES OF TAX MAP 238, LOT 44-1 IN ACCORDANCE WITH AND IN RELATION TO THE CURRENT AND ORIGINAL LEGAL DESCRIPTIONS, AND IS NOT AN ATTEMPT TO DEFINE UNWRITTEN RIGHTS, DETERMINE THE EXTENT OF OWNERSHIP, OR DEFINE THE LIMITS OF TITLE.
- 6.) NH STANDARD PROPERTY SURVEY WITH A CLOSURE BETTER THAN 1:10,000.
- 7.) SEE ADDITIONAL RESTRICTIONS AFFECTING TAX MAP 238, LOT 44-1 IN S.C.R.D. BOOK 2948, PAGE 332.
- 8.) SEE S.C.R.D. BOOK 3689, PAGE 754 FOR RIGHTS OF USAGE AND ACCESS TO THE MULTIPURPOSE ATHLETIC FIELD LOCATED ON TAX MAP 238, LOT 44 TO TAX MAP 238, LOT 44-1.
- 9.) SEE S.C.R.D. BOOK 3070, PAGE 650 FOR EASEMENT TO VERIZON NEW ENGLAND INC. & PUBLIC SERVICE COMPANY.

LEGEND:

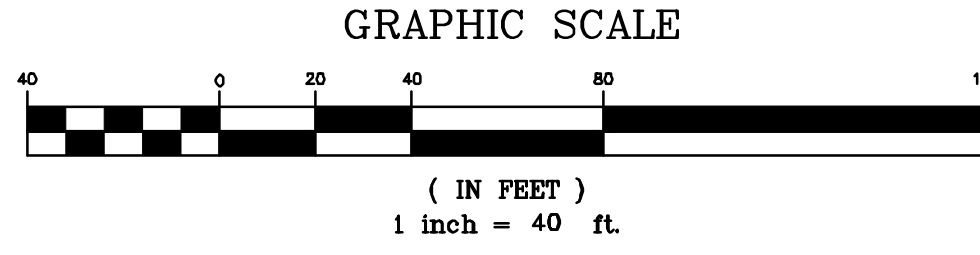
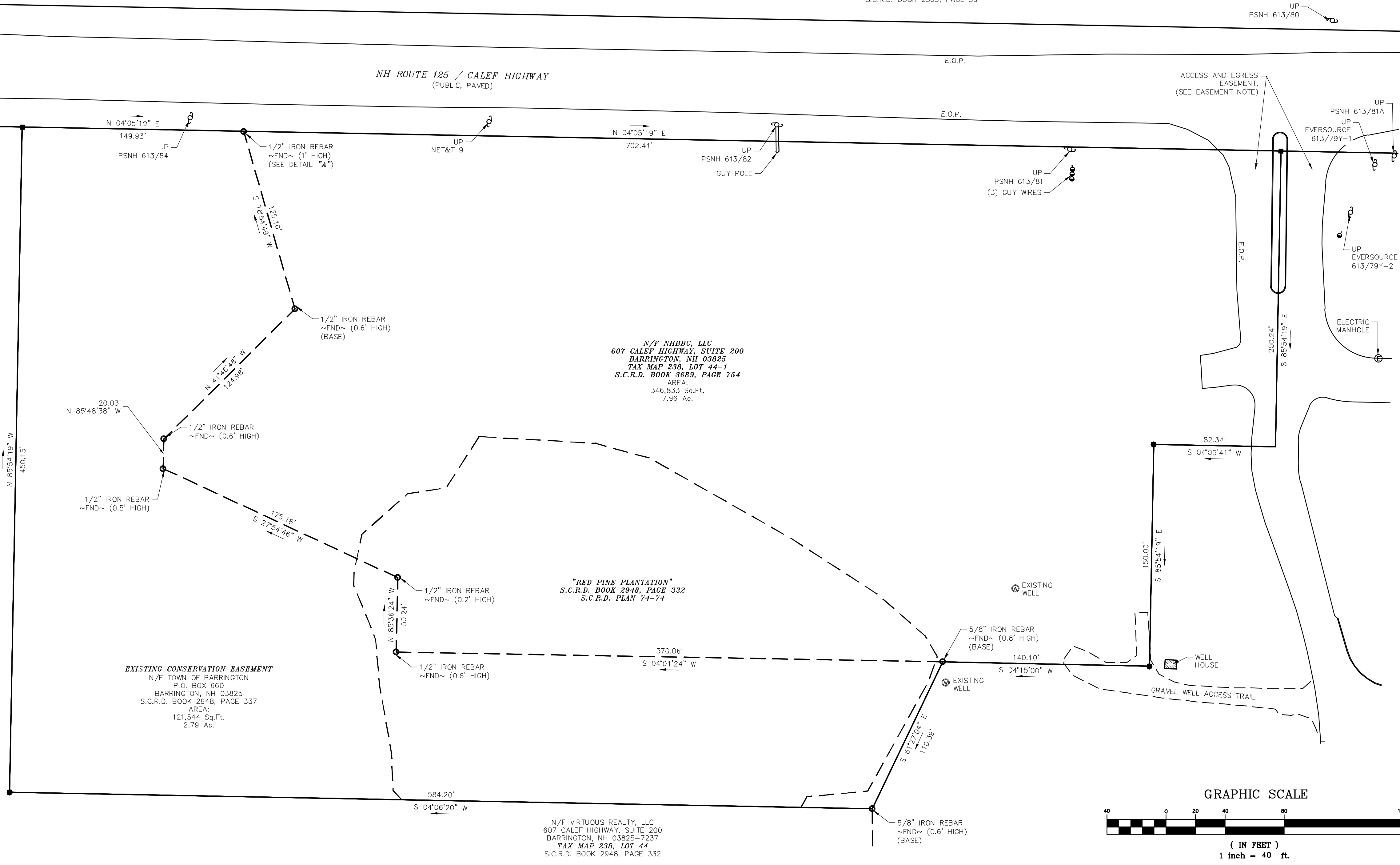
- IRON BOUND/IRON ROD (FND)
 - GRANITE BOUND ~TBS~
 - 3/4" REBAR W/D CAP ~TBS~
 - UTILITY POLE / GUY WIRE
 - WELL
 - EXISTING CONSERVATION EASEMENT LINE
 - PERIMETER BOUNDARY
 - RED PINE PLANTATION
 - GRAVEL TRAIL
- FND FOUND
 TYP TYPICAL
 TBS TO BE SET
 E.O.P. EDGE OF PAVEMENT
 S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS

FOR PLANNING BOARD APPROVAL PURPOSES:

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

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

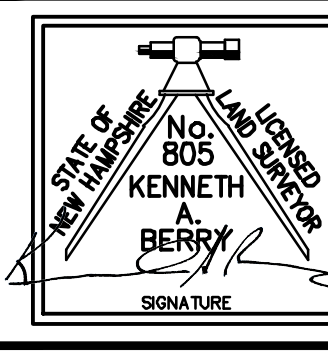
KENNETH A. BERRY L.L.S. 805 DATE



REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

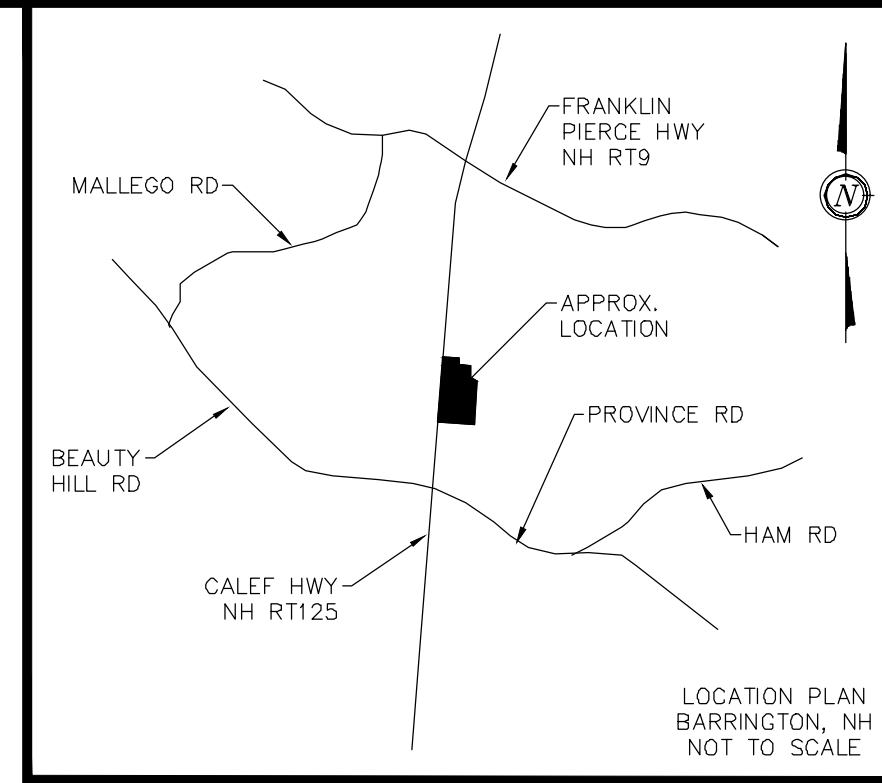
BOUNDARY PLAN
 FOR
 TURBOCAM, INC.
 LAND OF
 NHBBC, LLC
 NH ROUTE 125/CALEF HIGHWAY
 BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE : 1 IN. EQUALS 40 FT.
 DATE : FEBRUARY 5, 2024
 FILE NO. : DB 2023 - 017



N/F KERAVICH, PETER JR. & JAN
327 MALLEGO RD
658 CALEF HIGHWAY
BARRINGTON, NH 03825
TAX MAP 250, LOT 132
S.C.R.D. BOOK 2369, PAGE 59

N/F ROSE REALTY TRUST
MADELINE LOCKHARDT, TRUSTEE
73 DURHAM POINT ROAD
DURHAM, NH 03824
TAX MAP 238, LOT 45
S.C.R.D. BOOK 2369, PAGE 59



NOTES:

- 1.) OWNER: NHBBC, LLC
607 CALEF HIGHWAY, SUITE 200
BARRINGTON, NH 03825
- 1A.) APPLICANT: TURBOCAM, INC.
607 CALEF HIGHWAY, SUITE 200
BARRINGTON, NH 03825
- 2.) TAX MAP 238, LOT 44-1
- 3.) LOT AREA: 346,833 Sq.Ft., 7.96 Ac.
- 4.) S.C.R.D. BOOK 3689, PAGE 754
- 5.) THE INTENT OF THIS PLAN IS TO SHOW THE LOCATION OF PROPOSED EASEMENTS IN FAVOR OF TAX MAP 238, LOT 44-1, LOCATED ON TAX MAP 238, LOT 44.
- 6.) NH STANDARD PROPERTY SURVEY WITH A CLOSURE BETTER THAN 1:10,000.
- 7.) SEE BOUNDARY PLAN, SHEET 3 OF 51, FOR COMPLETE METES AND BOUNDS, ABUTTERS, PLAN REFERENCES AND EASEMENT NOTES.

PARKING EASEMENT:

TAX MAP 238, LOT 44-1 IS GRANTED A BLANKET EASEMENT FOR THE USE OF PARKING SPACES ON TAX MAP 238, LOT 44 TO SUPPORT THE PARKING NEEDS OF THE PROPOSED FACILITIES ON LOT 44-1. THIS EASEMENT INCLUDES ACCESS AND EGRESS TO AND FROM LOT 44 OVER EXISTING TRAVEL LANES.

LEGEND:

- IRON BOUND/IRON ROD (FND)
- GRANITE BOUND ~TBS~
- 3/4" REBAR W/D CAP ~TBS~
- 1/2" REBAR W/EASEMENT CAP ~TBS~
- UTILITY POLE / GUY WIRE
- ⊙ WELL
- EXISTING CONSERVATION EASEMENT LINE
- PERIMETER BOUNDARY
- GRAVEL DRIVEWAY
- RED PINE PLANTATION AREA
- PROPOSED ACCESS, GRADING, UTILITY, NITRATE, CONSTRUCTION & USE EASEMENT LINE
- PROPOSED SANITARY PROTECTION AREA EASEMENT LINE
- PROPOSED UTILITY EASEMENT LINE
- FND FOUND
- TYP TYPICAL
- TBS TO BE SET
- E.O.P. EDGE OF PAVEMENT
- S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS

FOR PLANNING BOARD APPROVAL PURPOSES:

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

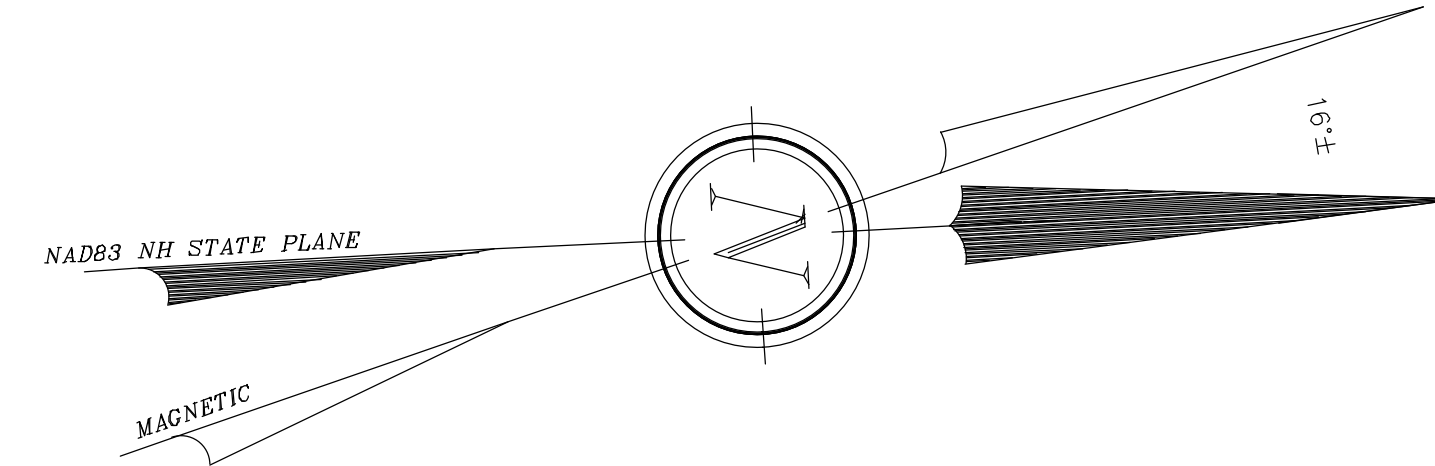
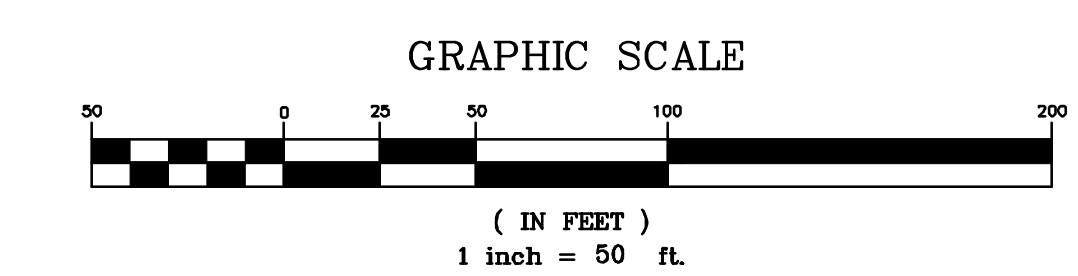
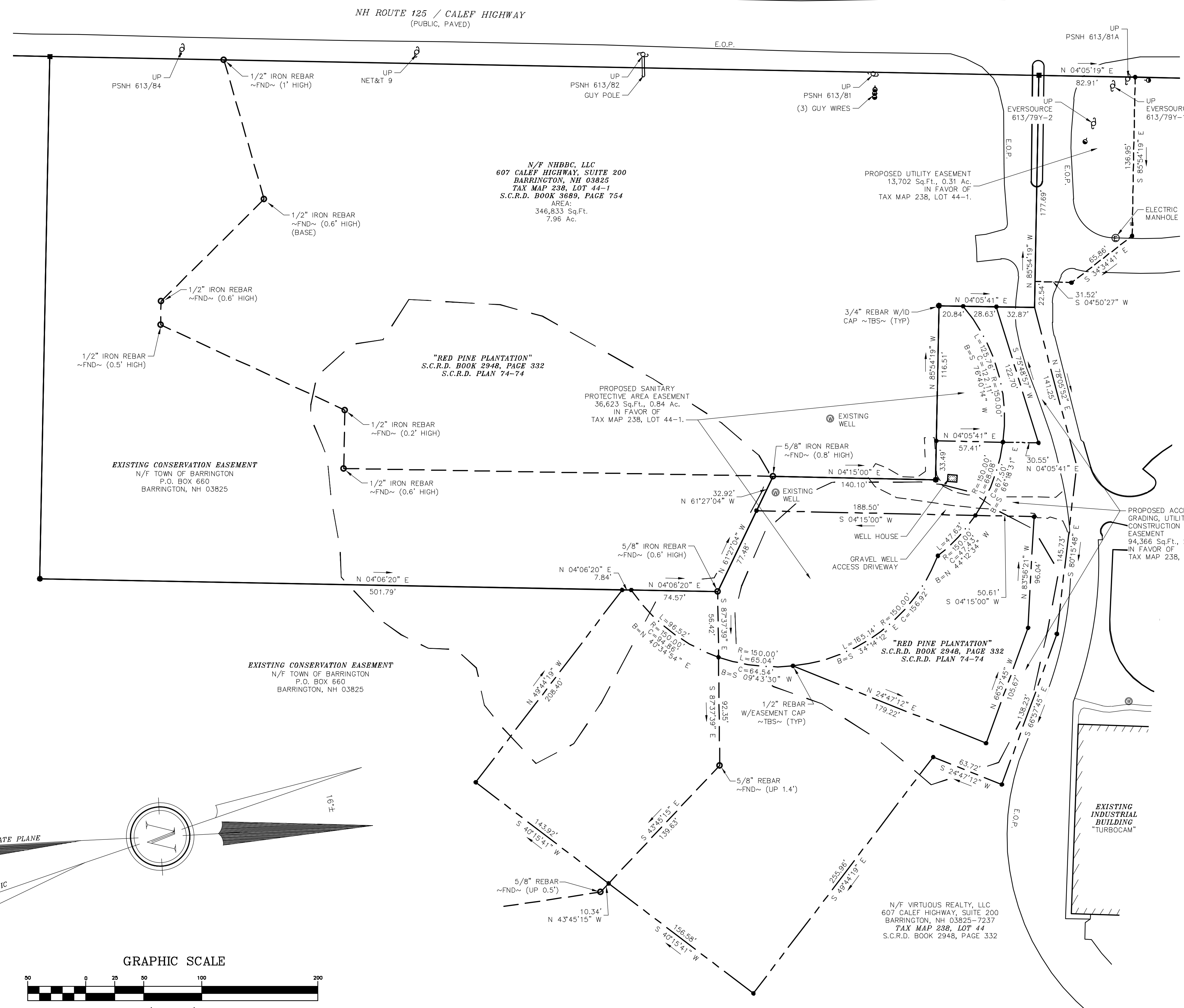
I CERTIFY THAT THIS SURVEY PLAT IS NOT A SUBDIVISION PURSUANT TO THIS TITLE AND THAT THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED AND THAT NO NEW WAYS ARE SHOWN.

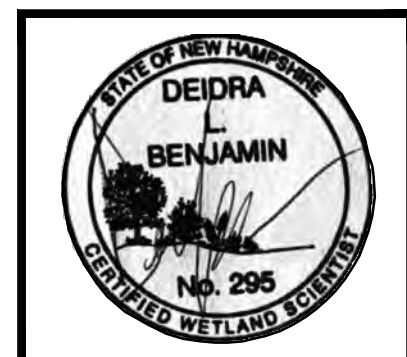
KENNETH A. BERRY L.L.S. 805 DATE

#1A	REVISION	DATE	DESCRIPTION
04-04-24			BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

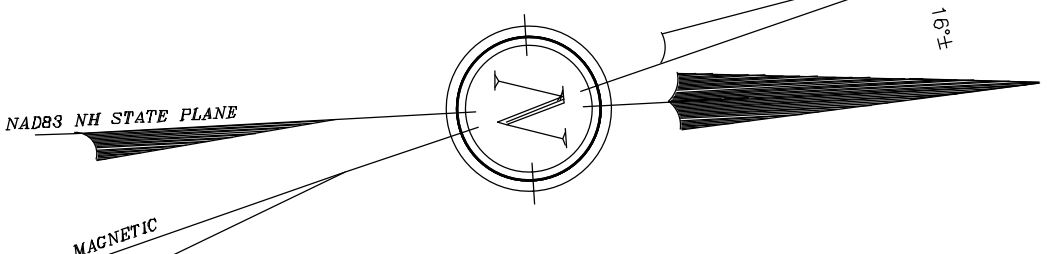
EASEMENT PLAN
FOR
TURBOCAM, INC.
LAND OF
NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : 1 IN. EQUALS 50 FT.
DATE : FEBRUARY 5, 2024
FILE NO. : DB 2023 - 017





DEIDRA BENJAMIN, CWS #295



N/F KERAVICH, PETER JR. & JAN
327 MALLEGO RD
688 CALEF HWY
BARRINGTON, NH 03825
TAX MAP 250, LOT 132
S.C.R.D. BOOK 2369, PAGE 59

WETLANDS WERE DELINEATED BY DEIDRA BENJAMIN, CWS, IN APRIL OF 2023 AND JANUARY OF 2024 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. NEIWPC 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 2014-411-42.
- 5.) CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, JANUARY 1987. WETLANDS RESEARCH PROGRAM TECHNICAL REPORT Y-87-1.
- 6.) REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: 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.

PLAN REFERENCES:

- 1.) "PLAN OF LAND, THE PLUNKETT FARM, BARRINGTON, NEW HAMPSHIRE" BY: FREDERICK E. DREW ASSOCIATES DATED: NOV. 1974 S.C.R.D. POCKET #10, FOLDER #2, PLAN #47
- 2.) "PLAN OF SUBDIVISION, FOR THE ESTATE OF EDWARD H. YOUNG, N.H. ROUTE 9 BARRINGTON, STRAFFORD COUNTY NEW HAMPSHIRE" BY: LINDON DESIGN ASSOCIATES DATED: APRIL 5, 1991 S.C.R.D. PLAN #39-58
- 3.) "SITE LAYOUT PLAN, TURBOCAM, BARRINGTON, NH, OWNED BY, CAROLYN L. GOODWILL REVOCABLE TRUST, PREPARED FOR, VIRTUOUS REALTY, LLC" BY: TFM DATED: NOVEMBER 19, 2003 S.C.R.D. PLAN #74-71
- 4.) "COVER SHEET, TURBOCAM, BARRINGTON, NH, OWNED BY, CAROLYN L. GOODWILL REVOCABLE TRUST, PREPARED FOR, VIRTUOUS REALTY, LLC" BY: TFM DATED: NOVEMBER 19, 2003 S.C.R.D. PLAN #74-72

N/F LOCKHARDT TR, MADELINE
73 DURHAM POINT ROAD
DURHAM, NH 03824
TAX MAP 238, LOT 45
S.C.R.D. BOOK 2369, PAGE 59

PLAN REFERENCES:

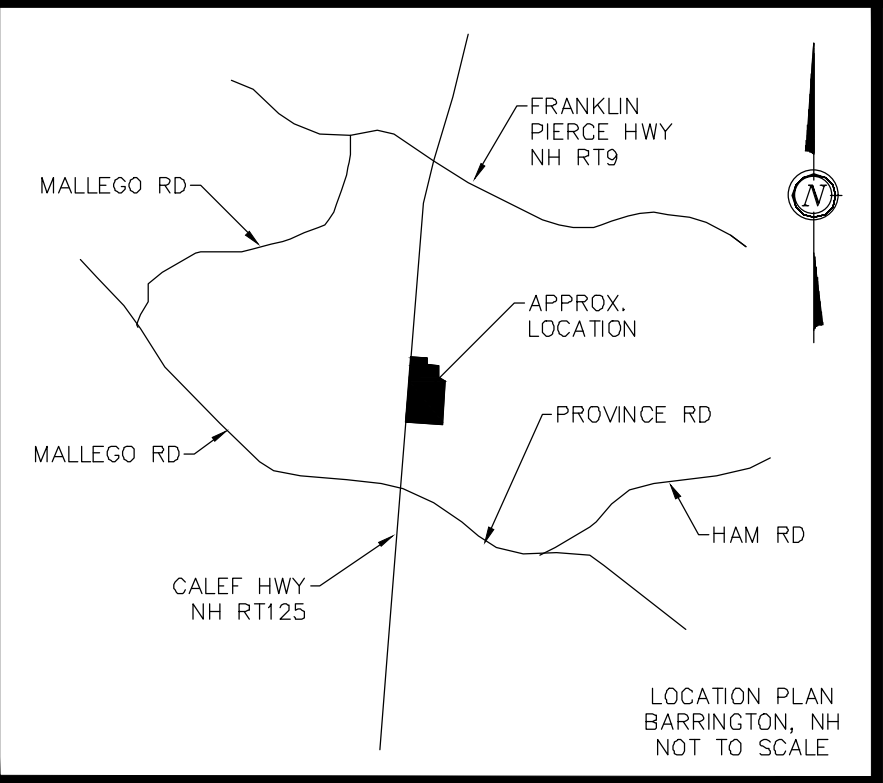
- 5.) "EXISTING CONDITIONS PLAN, TURBOCAM, BARRINGTON, NH, OWNED BY, CAROLYN L. GOODWILL REVOCABLE TRUST, PREPARED FOR, VIRTUOUS REALTY, LLC" BY: TFM DATED: NOVEMBER 19, 2003 S.C.R.D. PLAN #74-73
- 7.) "SUBDIVISION PLAN, TURBOCAM, BARRINGTON, NH, OWNED BY, CAROLYN L. GOODWILL REVOCABLE TRUST, PREPARED FOR, VIRTUOUS REALTY, LLC" BY: TFM DATED: NOVEMBER 19, 2003 S.C.R.D. PLAN #74-74
- 8.) "TOPOGRAPHIC SUBDIVISION PLAN, TURBOCAM, BARRINGTON, NH, OWNED BY, CAROLYN L. GOODWILL REVOCABLE TRUST, PREPARED FOR, VIRTUOUS REALTY, LLC" BY: TFM DATED: NOVEMBER 19, 2003 S.C.R.D. PLAN #74-75
- 10.) "CONSERVATION EASEMENT PLAN, TURBOCAM, BARRINGTON, NH, OWNED BY, CAROLYN L. GOODWILL REVOCABLE TRUST, PREPARED FOR, VIRTUOUS REALTY, LLC" BY: TFM DATED: NOVEMBER 19, 2003 S.C.R.D. PLAN #74-76

PLAN REFERENCES:

- 11.) "LOT LINE ADJUSTMENT, NH ROUTE 9, FRANKLIN PIERCE HIGHWAY, NH ROUTE 125, CALEF HIGHWAY, BARRINGTON, STRAFFORD COUNTY NEW HAMPSHIRE, PREPARED FOR: WALDRON B. HALEY LIVING, REVOCABLE TRUST OF 1998" BY: NORWAY PLAINS DATED: OCTOBER 2015 S.C.R.D. PLAN #112-099
- 12.) "SUBDIVISION PLAN, NH ROUTE 9, FRANKLIN PIERCE HIGHWAY, NH ROUTE 125, CALEF HIGHWAY, BARRINGTON, STRAFFORD COUNTY NEW HAMPSHIRE, PREPARED FOR: WALDRON B. HALEY LIVING, REVOCABLE TRUST OF 1998" BY: NORWAY PLAINS DATED: OCTOBER 19, 2017 S.C.R.D. PLAN #115-022
- 13.) "LOT LINE ADJUSTMENT, NH ROUTE 9, FRANKLIN PIERCE HIGHWAY, NH ROUTE 125, CALEF HIGHWAY, BARRINGTON, STRAFFORD COUNTY NEW HAMPSHIRE, PREPARED FOR: WALDRON B. HALEY LIVING, REVOCABLE TRUST OF 1998" BY: NORWAY PLAINS DATED: FEBRUARY 2020 S.C.R.D. PLAN #12157

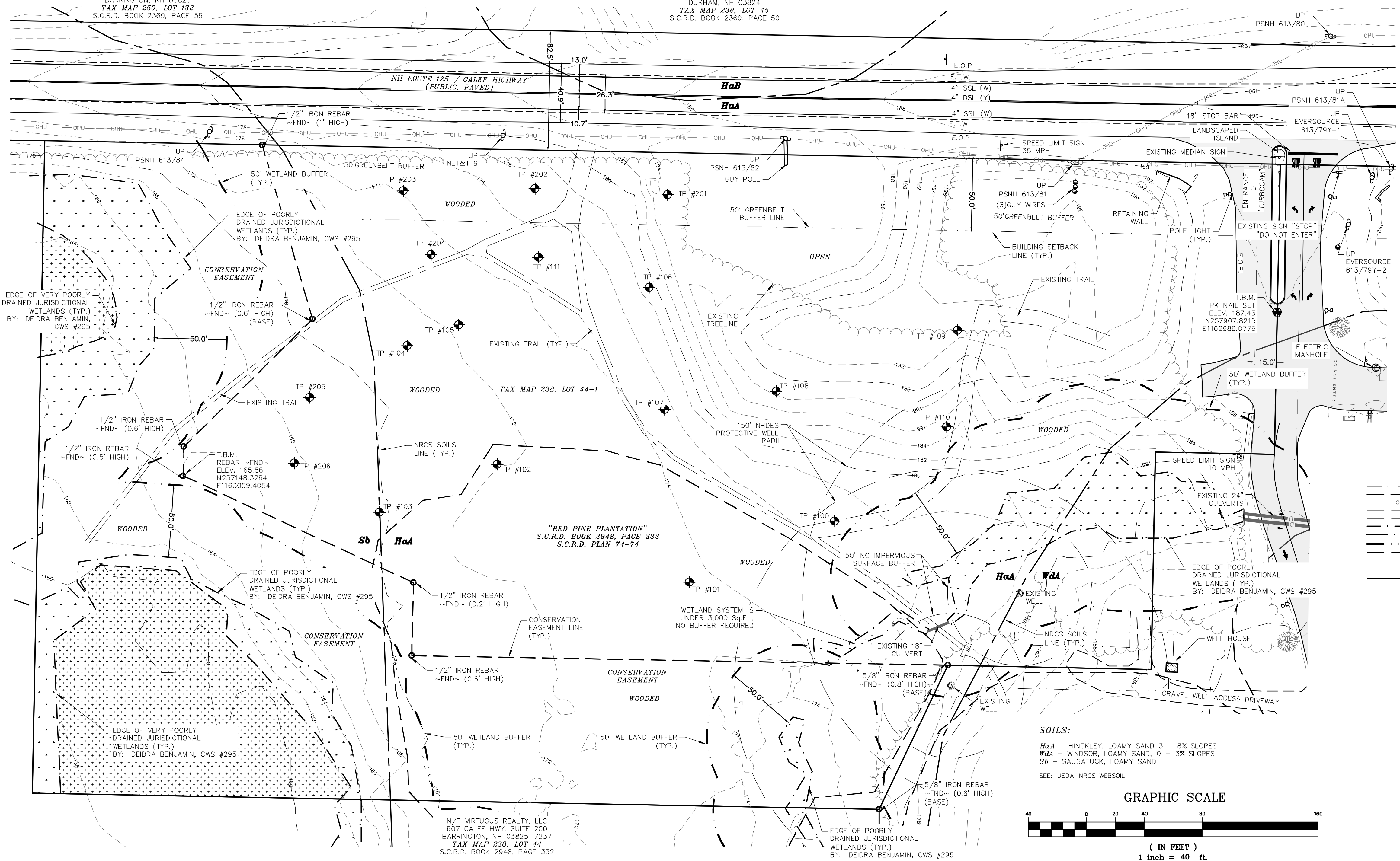
PLAN REFERENCES:

- 14.) "MINOR SUBDIVISION PLAN, PREPARED FOR, J & L TERRA HOLDINGS INC., OF THE PROPERTY IN THE NAME OF, WALDRON B. HALEY REVOCABLE, LIVING TRUST OF 1998, OF TAX MAP 238 / LOT 36, LOCATED AT, CALEF HIGHWAY (NH ROUTE 125) & FRANKLIN PIERCE HIGHWAY (NH ROUTE 9), COUNTY OF STRAFFORD, BARRINGTON, NH" BY: DAVID W. VINCENT, LLS DATED: SEPTEMBER 3, 2020 S.C.R.D. PLAN #12454



NOTES:

- 1.) OWNER: NHBBC, LLC 607 CALEF HWY, SUITE 200 BARRINGTON, NH 03825
- 2.) TAX MAP 238, LOT 44-1
- 3.) LOT AREA: 346,833 Sq.Ft., 7.96 Ac.
- 4.) S.C.R.D. BOOK 3689, PAGE 754
- 5.) ZONING: VILLAGE DISTRICT (NON-RESIDENTIAL) MINIMUM FRONTAGE ~ 75' MINIMUM LOT SIZE ~ 30,000 Sq. Ft. GREENBELT BUFFER ALONG ROUTE 125 ~ 50' FRONT SETBACK ~ 20' REAR SETBACK ~ 15' SIDE SETBACK ~ 15' MAX. BUILDING HEIGHT: 40' MAX. LOT COVERAGE: 60% STRATIFIED DRIFT AQUIFER OVERLAY
- 6.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES NOT FALL WITHIN THE FLOOD PLAN, FLOOD HAZARD REF.: FEMA, COMMUNITY# - 330178, MAP# - 33017C0305E, DATED: SEPT. 30, 2015.
- 7.) VERTICAL DATUM BASED ON NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING CARLSON BRX7 SURVEY GRADE GPS RECEIVERS.
- 8.) THE BOUNDARY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A CLOSED TRAVERSE PERFORMED BY THIS OFFICE IN SPRING OF 2023, WITH AN ERROR OF CLOSURE OF BETTER THAN 1 PART IN 10,000.
- 9.) THE INTENT OF THIS PLAN IS TO SHOW THE EXISTING CONDITIONS OF TAX MAP 238, LOT 44-1 AS OF THE DATE OF SURVEY (APRIL 2023 & JANUARY 2024).
- 10.) SEE BOUNDARY PLAN, SHEET 3 OF 51, FOR PARCEL METES AND BOUNDS.



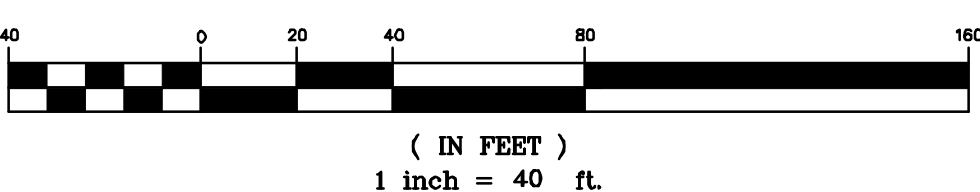
LEGEND:

- IRON BOUND/IRON ROD (FND)
- IRON PIPE (FND)
- STONE BOUND (FND)
- UTILITY POLE / GUY WIRE
- SINGLE POST SIGN
- TEMPORARY BENCHMARK
- TESTHOLE
- POLE LIGHT
- WELL
- BUILDING SETBACK LINE
- EXISTING CONSERVATION EASEMENT LINE
- OVERHEAD UTILITIES
- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- POORLY DRAINED WETLAND LINE
- VERY POORLY DRAINED WETLAND LINE
- 50' WETLAND BUFFER LINE
- RED PINE PLANTATION
- NHDES PROTECTIVE WELL RADIUS
- GRAVEL TRAIL
- NRCS SOIL BOUNDARY
- NRCS SOIL LABEL
- FOUND
- TYPICAL
- S.C.R.D.
- STRAFFORD COUNTY REGISTRY OF DEEDS
- POORLY DRAINED WETLAND
- VERY POORLY DRAINED WETLAND

SOILS:

HaA - HINCKLEY, LOAMY SAND 3 - 8% SLOPES
WdA - WINDSOR, LOAMY SAND, 0 - 3% SLOPES
Sb - SAUGATUCK, LOAMY SAND
SEE: USDA-NRCS WEBSOL

GRAPHIC SCALE



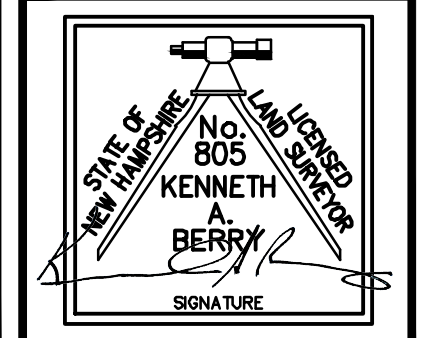
FOR TOWN APPROVAL PURPOSES :

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

EXISTING CONDITIONS PLAN

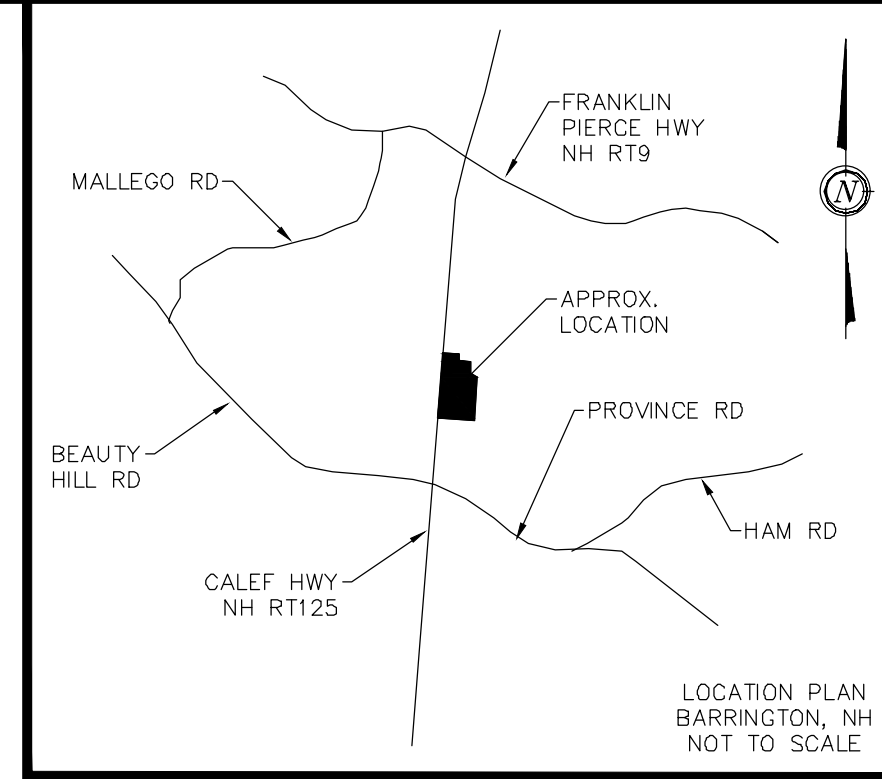
FOR TURBOCAM, INC. LAND OF NHBBC, LLC NH ROUTE 125/CALEF HIGHWAY BARRINGTON, N.H. TAX MAP 238, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : 1 IN. EQUALS 40 FT.
DATE : FEBRUARY 5, 2024
FILE NO. : DB 2023 - 017



N/F KERAVICH, PETER JR. & JAN
327 MALLEGO RD
668 CALEF HWY
BARRINGTON, NH 03825
TAX MAP 250, LOT 132
S.C.R.D. BOOK 2369, PAGE 59

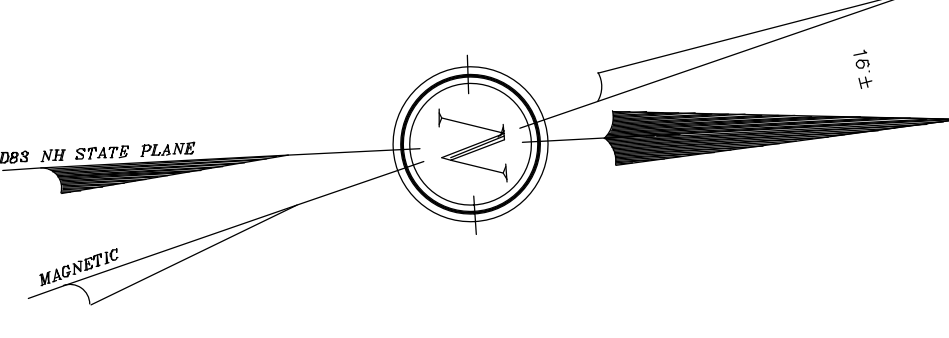
N/F LOCKHARDT TR, MADELINE
73 DURHAM POINT ROAD
DURHAM, NH 03824
TAX MAP 238, LOT 45
S.C.R.D. BOOK 2369, PAGE 59



- NOTES:
- 1.) OWNER: NHBBC, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - 1A.) APPLICANT: TURBOCAM, INC.
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - 2.) TAX MAP 238, LOT 44-1
 - 3.) LOT AREA: 346,738 Sq.Ft., 7.96 Ac.
 - 4.) S.C.R.D. BOOK 3689, PAGE 754
 - 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# - 330178, MAP# - 33017C0305E, DATED: SEPT. 30, 2015.
 - 6.) VERTICAL DATUM BASED ON NAVD88 ELEVATIONS, HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING CARLSON BRX7 SURVEY GRADE GPS RECEIVERS.
 - 7.) THE BOUNDARY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A CLOSED TRAVERSE PERFORMED BY THIS OFFICE IN APRIL OF 2023, WITH AN ERROR OF CLOSURE OF BETTER THAN 1 PART IN 10,000.
 - 8.) THE INTENT OF THIS PLAN IS TO SHOW THE SITE SPECIFIC SOIL SURVEY OF TAX MAP 238, LOT 44-1 AS OF THE DATE OF THE SURVEY (APRIL 2023 & JANUARY 2024).

REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

SITE SPECIFIC SOILS MAP
FOR
TURBOCAM, INC.
LAND OF
NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1



JOHN P. HAYES, III CSS #87 DEIDRA BENJAMIN, CWS #295

WETLANDS WERE DELINEATED BY DEIDRA BENJAMIN, CWS, IN APRIL OF 2023 AND JANUARY OF 2024 UTILIZING THE FOLLOWING STANDARDS:

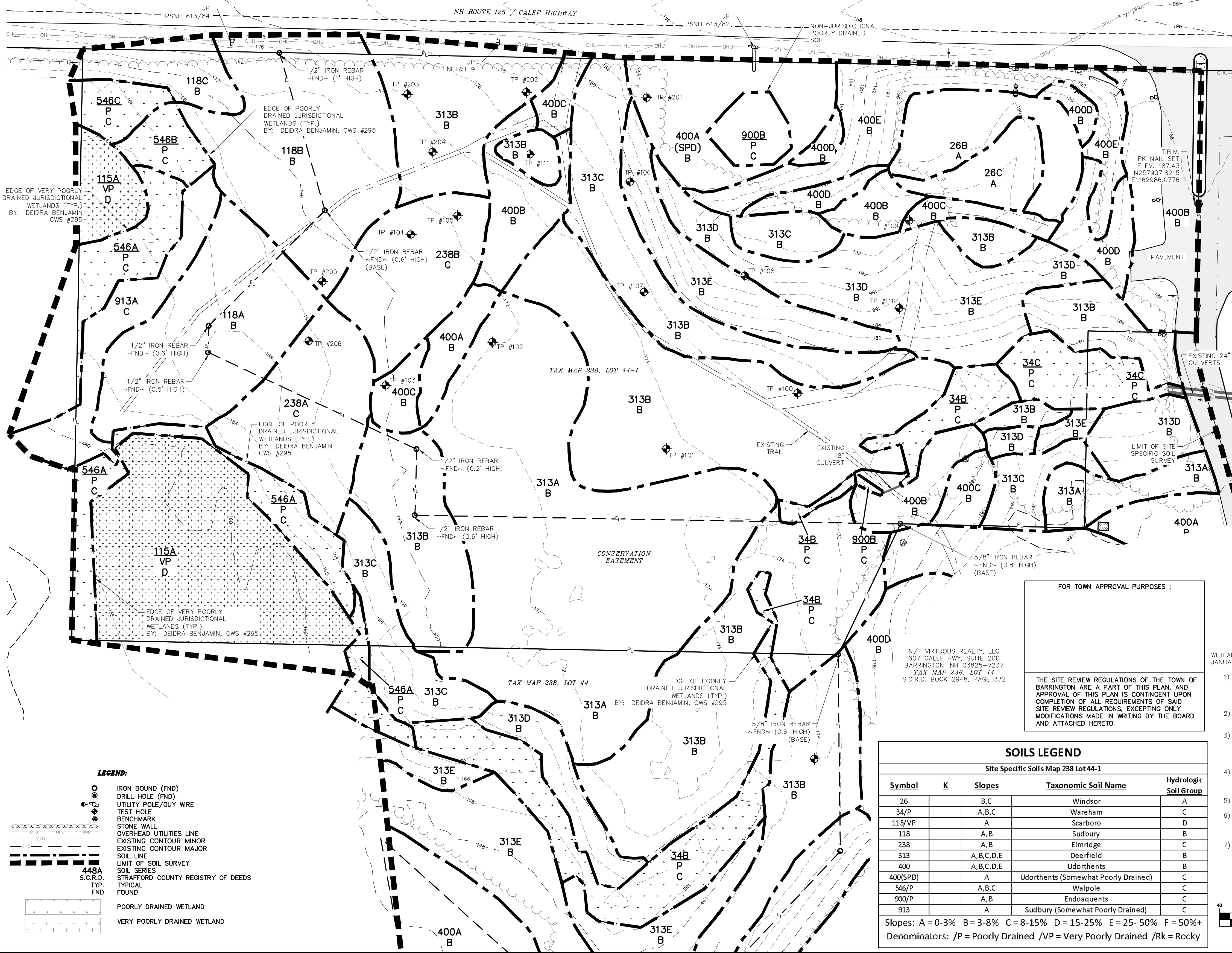
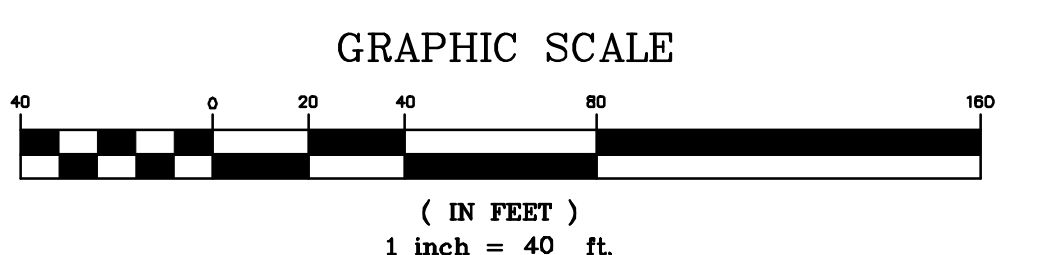
- 1.) FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, VERSION 7.0. 2010. L.M. VASILAS, G.W. HURT, AND C.V. NOBLE (EDS.). UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, IN COOPERATION WITH THE NATIONAL TECHNICAL COMMITTEE FOR HYDRIC SOILS.
- 2.) FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND. VERSION 3. APRIL 2004. NEWIPCC 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, CHAPEL HILL.
- 4.) STATE OF NEW HAMPSHIRE 2014 WETLAND PLANT LIST. LICHVAR, R.W., M. BUTTERWICH, N.C. MELVIN, AND W.N. KIRCHNER. 2014. THE NATIONAL WETLAND PLANT LIST: 2014 UPDATE OF WETLAND RATINGS. 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.
- 7.) ENVIRONMENTAL LABORATORY ERDC/JEL TR-12-1. ENVIRONMENTAL LABORATORY 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.

FOR TOWN APPROVAL PURPOSES :

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

Symbol	K	Slopes	Taxonomic Soil Name	Hydrologic Soil Group
26		B,C	Windsor	A
34/P		A,B,C	Wareham	C
115/VP		A	Scarboro	D
118		A,B	Sudbury	B
238		A,B	Elmridge	C
313		A,B,C,D,E	Deerfield	B
400		A,B,C,D,E	Udorthents	B
400(SP/D)		A	Udorthents (Somewhat Poorly Drained)	C
546/P		A,B,C	Walpole	C
900/P		A,B	Endoquoents	C
913		A	Sudbury (Somewhat Poorly Drained)	C

Slopes: A = 0-3% B = 3-8% C = 8-15% D = 15-25% E = 25-50% F = 50%+
Denominators: /P = Poorly Drained /VP = Very Poorly Drained /Rk = Rocky



LEGEND:

	IRON BOUND (FND)
	DRILL HOLE (FND)
	UTILITY POLE/GUY WIRE
	TEST HOLE
	BENCHMARK
	STONE WALL
	OVERHEAD UTILITIES LINE
	EXISTING CONTOUR MINOR
	EXISTING CONTOUR MAJOR
	SOIL LINE
	LIMIT OF SOIL SURVEY
	SOIL SERIES
	STRAFFORD COUNTY REGISTRY OF DEEDS
	TYPICAL
	FOUND
	POORLY DRAINED WETLAND
	VERY POORLY DRAINED WETLAND

TEST PIT DATA:

DATE : 4/25/23

TEST PIT #100
 0-6 10YR 3/2 DARK GRAYISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 6-12 10YR 5/6 LIGHT YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 12-16 10YR 6/4 LIGHT YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 16-20 2.5Y 6/4 LIGHT YELLOWISH BROWN, SAND, SINGLE GRAIN, LOOSE
 20-68 2.5Y 6/2 LIGHT BROWNISH GRAY, STRATIFIED SAND AND FINE SAND W/REDOXIMORPHIC FEATURES PRESENT, GRANULAR, FRIABLE
 E.S.H.W.T. @ 20"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ 50"
 TERMINATED @ 68"
 REFUSAL @ NONE

TEST PIT #101
 0-6 10YR 3/2 DARK GRAYISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 6-12 10YR 5/6 YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 12-18 2.5Y 6/4 LIGHT YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 18-30 2.5Y 6/4 LIGHT YELLOWISH BROWN, SAND W/REDOXIMORPHIC FEATURES PRESENT, SINGLE GRAIN, LOOSE
 30-48 2.5Y 4/4 REDDISH BROWN, GRAVELLY SAND W/REDOXIMORPHIC FEATURES PRESENT, SINGLE GRAIN, LOOSE
 48-70 2.5Y 6/3 LIGHT YELLOWISH BROWN, GRAVELLY SAND W/REDOXIMORPHIC FEATURES PRESENT, SINGLE GRAIN, LOOSE

E.S.H.W.T. @ 18"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ 50"
 TERMINATED @ 70"
 REFUSAL @ NONE

TEST PIT #102
 0-6 10YR 3/2 DARK GRAYISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 6-16 10YR 5/6 YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 16-24 2.5Y 6/4 LIGHT YELLOWISH BROWN, SAND, SINGLE GRAIN, LOOSE
 24-70 2.5Y 6/2 LIGHT BROWNISH GRAY, STRATIFIED SAND AND FINE SAND W/REDOXIMORPHIC FEATURES PRESENT, GRANULAR, FRIABLE

E.S.H.W.T. @ 24"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ 50"
 TERMINATED @ 70"
 REFUSAL @ NONE

TEST PIT #103
 0-4 10YR 2/2 VERY DARK BROWN, LOAMY SAND, GRANULAR, FRIABLE
 4-16 10YR 5/6 YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 16-20 2.5Y 6/4 LIGHT YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 20-36 2.5Y 6/3 LIGHT YELLOWISH BROWN, SAND W/REDOXIMORPHIC FEATURES PRESENT, SINGLE GRAIN, LOOSE
 36-50 2.5Y 4/4 REDDISH BROWN, GRAVELLY SAND W/REDOXIMORPHIC FEATURES PRESENT, SINGLE GRAIN, LOOSE
 50-56 2.5Y 6/3 LIGHT YELLOWISH BROWN, GRAVELLY SAND W/REDOXIMORPHIC FEATURES PRESENT, SINGLE GRAIN, LOOSE

E.S.H.W.T. @ 20"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ 48"
 TERMINATED @ 56"
 REFUSAL @ NONE

TEST PIT #104
 0-5 10YR 3/2 DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 5-14 10YR 5/4 YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 14-20 2.5Y 4/4 OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 20-28 2.5Y 5/2 GRAYISH BROWN, FINE SANDY LOAM W/REDOXIMORPHIC FEATURES PRESENT, MASSIVE, FRIABLE
 28-50 5Y 4/3 OLIVE, SILTY CLAY LOAM W/REDOXIMORPHIC FEATURES PRESENT, MASSIVE, FIRM
 50-72 5GY 5/1 GREENISH GRAY, SILTY CLAY W/REDOXIMORPHIC FEATURES PRESENT, MASSIVE, FIRM

E.S.H.W.T. @ 20"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ 24"
 TERMINATED @ 72"
 REFUSAL @ NONE

TEST PIT #105
 0-6 10YR 3/2 DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 6-14 10YR 5/4 YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 14-20 2.5Y 4/4 OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 20-32 2.5Y 5/2 GRAYISH BROWN, FINE SANDY LOAM W/REDOXIMORPHIC FEATURES PRESENT, MASSIVE, FRIABLE
 32-50 5Y 4/3 OLIVE, SILTY CLAY LOAM W/REDOXIMORPHIC FEATURES PRESENT, MASSIVE, FIRM
 50-80 5GY 5/1 GREENISH GRAY, SILTY CLAY W/REDOXIMORPHIC FEATURES PRESENT, MASSIVE, FIRM

E.S.H.W.T. @ 20"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ 28"
 TERMINATED @ 80"
 REFUSAL @ NONE

TEST PIT #106
 0-8 10YR 3/2 DARK GRAYISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 8-18 10YR 5/6 YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 18-32 2.5Y 6/4 LIGHT YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 32-70 2.5Y 6/3 LIGHT YELLOWISH BROWN, GRAVELLY SAND W/REDOXIMORPHIC FEATURES PRESENT, SINGLE GRAIN, LOOSE

E.S.H.W.T. @ 32"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ N/A
 TERMINATED @ 70"
 REFUSAL @ NONE

TEST PIT #107
 0-8 10YR 3/2 DARK GRAYISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 8-18 10YR 5/6 YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 18-30 2.5Y 6/4 LIGHT YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 30-68 2.5Y 6/2 LIGHT BROWNISH GRAY, STRATIFIED SAND AND FINE SAND W/REDOXIMORPHIC FEATURES PRESENT, GRANULAR, FRIABLE

E.S.H.W.T. @ 30"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ N/A
 TERMINATED @ 68"
 REFUSAL @ NONE

TEST PIT DATA:

DATE : 4/25/23

TEST PIT #108
 0-6 10YR 3/2 DARK GRAYISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 6-16 10YR 5/6 YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 16-28 2.5Y 6/4 LIGHT YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 28-72 2.5Y 6/2 LIGHT BROWNISH GRAY, STRATIFIED SAND AND FINE SAND W/REDOXIMORPHIC FEATURES PRESENT, GRANULAR, FRIABLE
 E.S.H.W.T. @ 28"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ N/A
 TERMINATED @ 72"
 REFUSAL @ NONE

TEST PIT #109
 0-4 10YR 3/3 DARK BROWN, LOAMY SAND, GRANULAR, FRIABLE
 4-22 10YR 4/6 YELLOWISH BROWN, GRAVELLY SAND, SINGLE GRAIN, LOOSE
 22-28 10YR 2/2 VERY DARK BROWN, LOAMY SAND, GRANULAR, FRIABLE
 28-38 10YR 5/4 YELLOWISH BROWN, GRAVELLY SAND, SINGLE GRAIN, LOOSE
 38-64 2.5Y 6/3 LIGHT YELLOWISH BROWN, GRAVELLY SAND W/REDOXIMORPHIC FEATURES PRESENT, SINGLE GRAIN, LOOSE

E.S.H.W.T. @ 38"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ N/A
 TERMINATED @ 64"
 REFUSAL @ NONE

TEST PIT #110
 0-6 10YR 3/2 DARK GRAYISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 6-14 10YR 5/6 YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 14-28 2.5Y 6/4 LIGHT YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 28-70 2.5Y 6/2 LIGHT BROWNISH GRAY, STRATIFIED SAND AND FINE SAND W/REDOXIMORPHIC FEATURES PRESENT, GRANULAR, FRIABLE

E.S.H.W.T. @ 28"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ N/A
 TERMINATED @ 70"
 REFUSAL @ NONE

TEST PIT #111
 0-10 10YR 3/2 DARK GRAYISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 10-22 10YR 5/6 YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 22-30 2.5Y 5/4 YELLOWISH BROWN, GRAVELLY SAND, SINGLE GRAIN, LOOSE
 30-74 2.5Y 6/3 LIGHT YELLOWISH BROWN, GRAVELLY SAND W/REDOXIMORPHIC FEATURES PRESENT, SINGLE GRAIN, LOOSE

E.S.H.W.T. @ 30"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ 50"
 TERMINATED @ 74"
 REFUSAL @ NONE

TEST PIT DATA:

DATE : 1/22/24

TEST PIT #201
 0-8 10YR 3/2 DARK GRAYISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 8-14 7.5YR 5/6 STRONG BROWN, LOAMY SAND, GRANULAR, FRIABLE
 14-26 10YR 5/6 YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 26-36 10YR 6/4 LIGHT YELLOWISH BROWN, SAND, SINGLE GRAIN, LOOSE
 36-65 2.5Y 6/3 LIGHT YELLOWISH BROWN, SAND WITH REDOX. FEAT. PRESENT, SINGLE GRAIN, LOOSE
 E.S.H.W.T. @ 36"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ N/A
 TERMINATED @ 65"
 REFUSAL @ N/A

TEST PIT #202
 0-16 10YR 3/2 DARK GRAYISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 16-28 10YR 5/6 YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 28-36 10YR 6/4 LIGHT YELLOWISH BROWN, SAND, SINGLE GRAIN, LOOSE
 36-64 2.5Y 6/3 LIGHT YELLOWISH BROWN, SAND WITH REDOX. FEAT. PRESENT, SINGLE GRAIN, LOOSE
 E.S.H.W.T. @ 36"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ 50"
 TERMINATED @ 64"
 REFUSAL @ N/A

TEST PIT #203
 0-8 10YR 3/2 DARK GRAYISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 8-16 10YR 5/6 YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 16-24 2.5Y 6/4 LIGHT YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 24-65 2.5Y 6/3 LIGHT YELLOWISH BROWN, SAND WITH REDOX. FEAT. PRESENT, SINGLE GRAIN, LOOSE
 E.S.H.W.T. @ 24"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ 56"
 TERMINATED @ 65"
 REFUSAL @ N/A

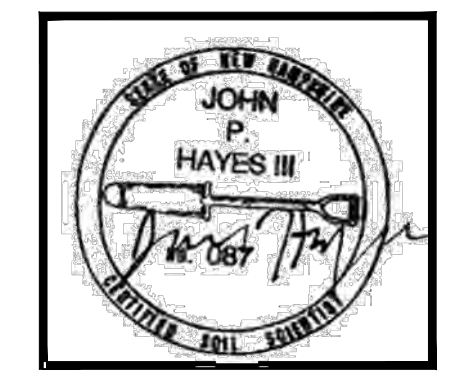
TEST PIT #204
 0-8 10YR 3/2 DARK GRAYISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 8-18 10YR 5/6 YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 18-30 2.5Y 6/4 LIGHT YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 30-68 2.5Y 6/3 LIGHT YELLOWISH BROWN, SAND WITH REDOX. FEAT. PRESENT, SINGLE GRAIN, LOOSE
 E.S.H.W.T. @ 30"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ 54"
 TERMINATED @ 68"
 REFUSAL @ N/A

TEST PIT #205
 0-6 10YR 3/2 DARK GRAYISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 6-14 10YR 5/4 YELLOWISH BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 14-22 2.5Y 4/4 OLIVE BROWN, FINE SANDY LOAM, GRANULAR, FRIABLE
 22-36 2.5Y 5/3 LIGHT OLIVE BROWN, FINE SANDY LOAM WITH REDOX. FEAT. PRESENT, GRANULAR, FRIABLE
 36-55 2.5Y 5/2 GRAYISH BROWN, VERY FINE SAND AND SILT WITH REDOX. FEAT. PRESENT, MASSIVE, FIRM
 55-65 5Y 4/3 OLIVE, SILTY CLAY LOAM WITH REDOX. FEAT. PRESENT, MASSIVE, FIRM
 E.S.H.W.T. @ 22"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ 36"
 TERMINATED @ 65"
 REFUSAL @ N/A

TEST PIT #206
 0-4 10YR 3/2 DARK GRAYISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 4-14 10YR 5/6 YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 14-20 2.5Y 6/4 LIGHT YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 20-28 2.5Y 6/3 LIGHT YELLOWISH BROWN, SAND WITH REDOX. FEAT. PRESENT, SINGLE GRAIN, LOOSE
 28-62 2.5YR 4/4 REDDISH BROWN, GRAVELLY SAND WITH REDOX. FEAT. PRESENT, SINGLE GRAIN, LOOSE
 E.S.H.W.T. @ 20"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ 32"
 TERMINATED @ 62"
 REFUSAL @ N/A

FOR TOWN APPROVAL PURPOSES :

 THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

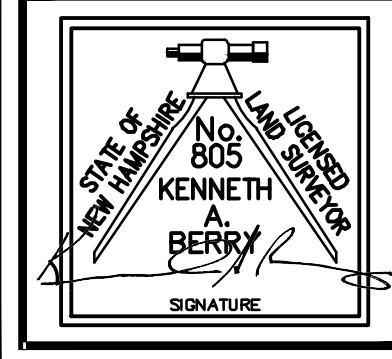


JOHN P. HAYES, III CSS #87

#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES
	REVISION	DATE
		DESCRIPTION

TEST PIT DATA
 FOR
 TURBOCAM, INC.
 LAND OF
 NHBBC, LLC
 NH ROUTE 125/CALEF HIGHWAY
 BARRINGTON, N.H.
 TAX MAP 23B, LOT 44-1

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE : NONE
 DATE : FEBRUARY 5, 2024
 FILE NO. : DB 2023 - 017



SHEET 7 OF 51

NH ROUTE 125 / CALEF HIGHWAY
(PAVED, PUBLIC)

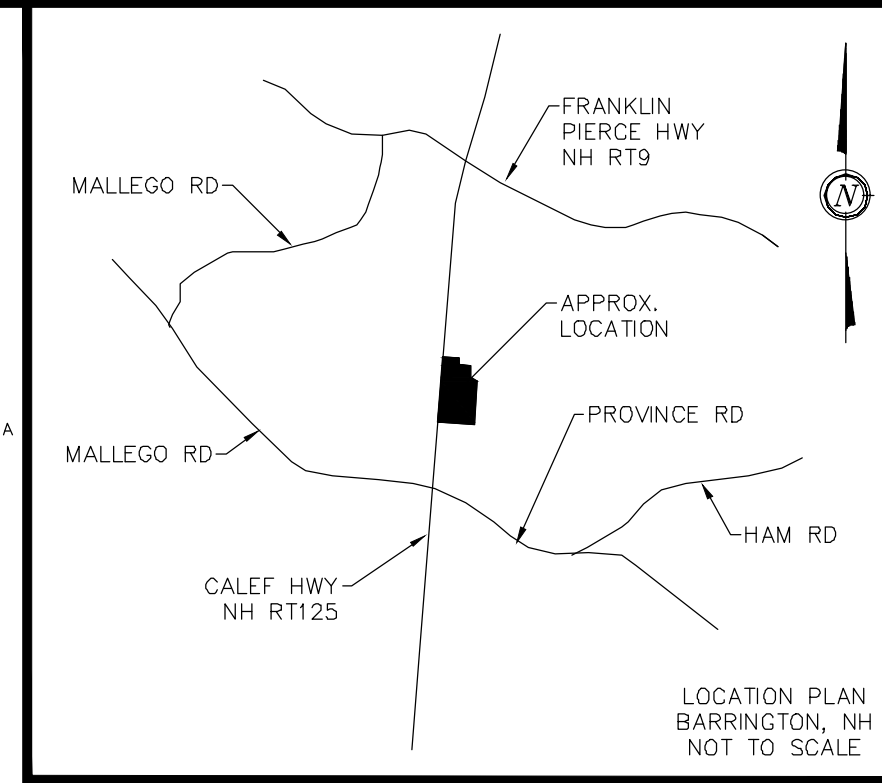
INFILTRATION POND #103
(POND 103P)

BIORETENTION
W/ ISR #101
(POND 101P)

STORMTECH SC-740
CHAMBERS #104
W/ INFILTRATION

PROPOSED "LIGHT MANUFACTURING FACILITY"
BUILDING AREA:
65,109 S.F.

SHEET SOUTH
SHEET NORTH



NOTES:

- OWNER: NHBC, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
- APPLICANT: TURBOCAM, INC.
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
- TAX MAP 238, LOT 44-1
- LOT AREA: 346,833 Sq.Ft., 7.96 Ac.
- S.C.R.D. BOOK 3689, PAGE 754
- ZONING: VILLAGE DISTRICT (NON-RESIDENTIAL)
MINIMUM FRONTAGE ~ 75'
MINIMUM LOT SIZE ~ 30,000 Sq. Ft.
GREENBELT BUFFER ALONG ROUTE 125 ~ 50'
FRONT SETBACK ~ 20'
REAR SETBACK ~ 15'
SIDE SETBACK ~ 15'
MAX. BUILDING HEIGHT: 40'
MAX. LOT COVERAGE: 60%
STRATIFIED DRIFT ADQUIFER OVERLAY
- 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 # - 330178, MAP # - 33017C0305E, DATED: SEPT. 30, 2015.
- VERTICAL DATUM BASED ON NAVD88 ELEVATIONS. HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES GATHERED USING CARLSON BRK7 SURVEY GRADE GPS RECEIVERS.
- THE BOUNDARY LINES SHOWN ON THIS PLAN ARE THE RESULT OF A CLOSED TRAVERSE PERFORMED BY THIS OFFICE IN SPRING OF 2023, WITH AN ERROR OF CLOSURE OF BETTER THAN 1 PART IN 10,000.
- THE INTENT OF THIS PLAN IS TO PROVIDE AN OVERVIEW SITE PLAN OF A PROPOSED 65,109 SQ.FT. LIGHT MANUFACTURING FACILITY WITH INTERNAL WAREHOUSE. THIS USE IS PERMITTED IN THE VILLAGE DISTRICT WITH AN APPROVED CONDITIONAL USE PERMIT (CUP) FOR A BUILDING LARGER THAN 50,000 SQ.FT.
- SEE SHEET #2, PROJECT NOTES, FOR MORE SITE PLAN NOTES.
- ADDITIONAL PARKING IS PROPOSED ON LOT 44 TO SUPPORT THE LAND USE ON LOT 44-1. PARKING IS SHOWN IN SEPARATE SITE PLAN REVIEW APPLICATION.
- SEE EASEMENT PLAN, SHEET #4, FOR APPLICABLE EASEMENTS FOR LOT 44-1 AND LOT 44.

PARKING REQUIREMENTS:

INDUSTRIAL:
INDUSTRY & LIGHT INDUSTRY - 1.5 SPACES PER 1,000 SQ.FT.
65,109 SQ.FT. / 1,000 SQ.FT. x 1.5 = 98 SPACES

TOTAL REQUIRED = 98 SPACES
TOTAL PROPOSED = 98 SPACES ON LOTS 44-1 & 44
REQUIRED ACCESSIBLE PARKING SPACES - 4 SPACES
PROPOSED ACCESSIBLE PARKING SPACES - 4 SPACES

LOT COVERAGE:

EXISTING BUILDING: 0 SQ.FT., 0%
EXISTING IMPERVIOUS (GRAVEL, CURB & PAVEMENT): 5,394 SQ.FT., 1.56%
TOTAL EXISTING COVERAGE: 5,394 SQ.FT., 1.56%

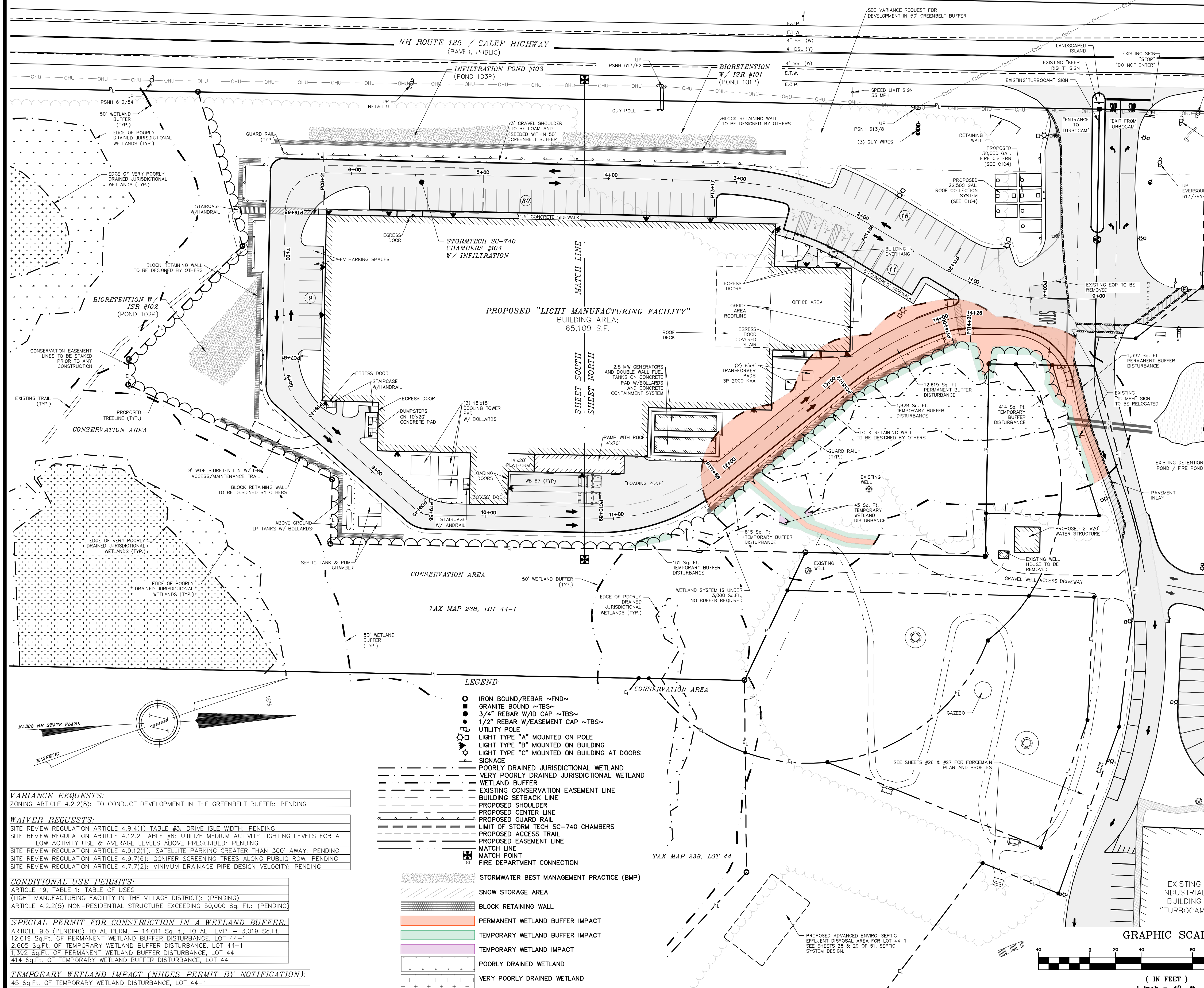
PROPOSED BUILDING & OVERHANG: 66,247 SQ.FT., 19.1%
PROPOSED IMPERVIOUS (GRAVEL, CURB & PAVEMENT): 70,055 SQ.FT., 20.2%
TOTAL PROPOSED COVERAGE: 136,402 SQ.FT., 39.3%

SNOW STORAGE:

STORAGE CALCULATION (6:1 RATIO USED)
PAVED AREA = 49,868 SQ.FT. / 6 = 8,311 SQ.FT.
> 8,723 SQ. FT. PROVIDED
THIS CALCULATION BASED ON THE TOTAL SITE.
SNOW SHALL BE REMOVED FROM THE PROPERTY AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS ONCE IDENTIFIED AREAS ARE FULL.

FOR PLANNING BOARD APPROVAL PURPOSES:

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.



LEGEND:

- IRON BOUND/REBAR ~FND~
- GRANITE BOUND ~TBS~
- 3/4" REBAR W/DIAP CAP ~TBS~
- 1/2" REBAR W/EASEMENT CAP ~TBS~
- UTILITY POLE
- LIGHT TYPE "A" MOUNTED ON POLE
- LIGHT TYPE "B" MOUNTED ON BUILDING
- LIGHT TYPE "C" MOUNTED ON BUILDING AT DOORS
- SIGNAGE
- POORLY DRAINED JURISDICTIONAL WETLAND
- VERY POORLY DRAINED JURISDICTIONAL WETLAND
- WETLAND BUFFER
- EXISTING CONSERVATION EASEMENT LINE
- BUILDING SETBACK LINE
- PROPOSED SHOULDER
- PROPOSED CENTER LINE
- PROPOSED GUARD RAIL
- LIMIT OF STORM TECH SC-740 CHAMBERS
- PROPOSED ACCESS TRAIL
- PROPOSED EASEMENT LINE
- MATCH LINE
- MATCH POINT
- FIRE DEPARTMENT CONNECTION
- STORMWATER BEST MANAGEMENT PRACTICE (BMP)
- SNOW STORAGE AREA
- BLOCK RETAINING WALL
- PERMANENT WETLAND BUFFER IMPACT
- TEMPORARY WETLAND BUFFER IMPACT
- TEMPORARY WETLAND IMPACT
- POORLY DRAINED WETLAND
- VERY POORLY DRAINED WETLAND

VARIANCE REQUESTS:
ZONING ARTICLE 4.2.2(6): TO CONDUCT DEVELOPMENT IN THE GREENBELT BUFFER: PENDING

WAIVER REQUESTS:
SITE REVIEW REGULATION ARTICLE 4.9.4(1) TABLE #3: DRIVE ISLE WIDTH: PENDING
SITE REVIEW REGULATION ARTICLE 4.12.2 TABLE #8: UTILIZE MEDIUM ACTIVITY LIGHTING LEVELS FOR A LOW ACTIVITY USE & AVERAGE LEVELS ABOVE PRESCRIBED: PENDING
SITE REVIEW REGULATION ARTICLE 4.9.12(1): SATELLITE PARKING GREATER THAN 300' AWAY: PENDING
SITE REVIEW REGULATION ARTICLE 4.9.7(6): CONIFER SCREENING TREES ALONG PUBLIC ROW: PENDING
SITE REVIEW REGULATION ARTICLE 4.7.7(2): MINIMUM DRAINAGE PIPE DESIGN VELOCITY: PENDING

CONDITIONAL USE PERMITS:
ARTICLE 19, TABLE 1: TABLE OF USES
(LIGHT MANUFACTURING FACILITY IN THE VILLAGE DISTRICT): (PENDING)
ARTICLE 4.2.2(5) NON-RESIDENTIAL STRUCTURE EXCEEDING 50,000 SQ. FT.: (PENDING)

SPECIAL PERMIT FOR CONSTRUCTION IN A WETLAND BUFFER:
ARTICLE 9.6 (PENDING) TOTAL PERM. = 14,011 SQ.FT., TOTAL TEMP. = 3,019 SQ.FT.
12,619 SQ.FT. OF PERMANENT WETLAND BUFFER DISTURBANCE, LOT 44-1
2,605 SQ.FT. OF TEMPORARY WETLAND BUFFER DISTURBANCE, LOT 44-1
1,392 SQ.FT. OF PERMANENT WETLAND BUFFER DISTURBANCE, LOT 44
414 SQ.FT. OF TEMPORARY WETLAND BUFFER DISTURBANCE, LOT 44

TEMPORARY WETLAND IMPACT (NHDES PERMIT BY NOTIFICATION):
145 SQ.FT. OF TEMPORARY WETLAND DISTURBANCE, LOT 44-1

#1A	REVISION	DATE	DESCRIPTION
	04-04-24		BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

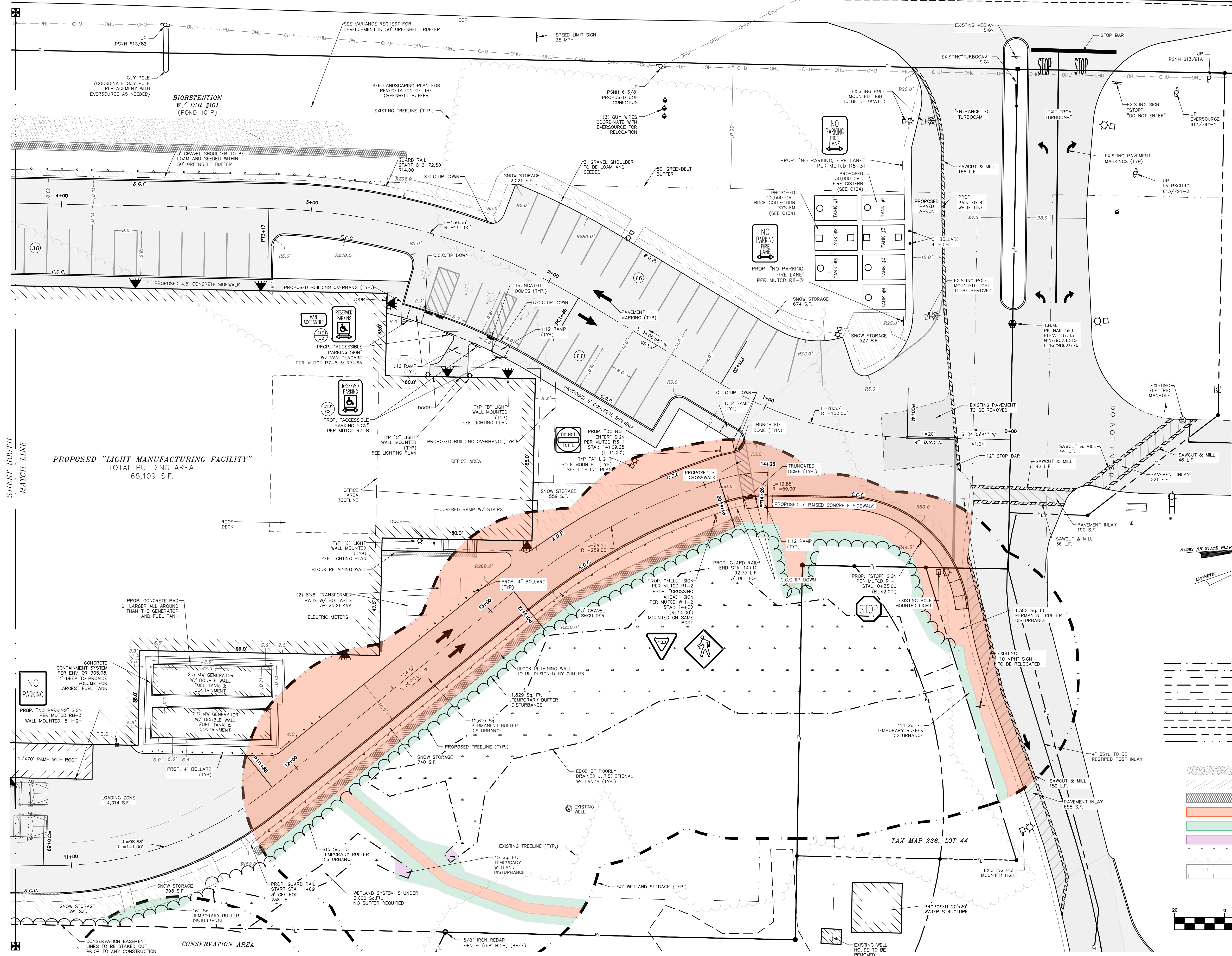
OVERVIEW SITE PLAN
FOR
TURBOCAM, INC.
LAND OF
NHBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 40 FT.
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023 - 017

KENNETH A. BERRY
No. 14243
PROFESSIONAL ENGINEER

SHEET 8 OF 51

NH ROUTE 125 / CALEF HIGHWAY
(PAVED, PUBLIC)



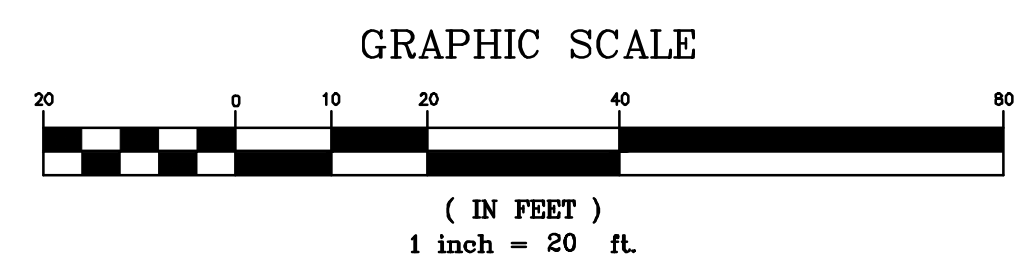
PROPOSED "LIGHT MANUFACTURING FACILITY"
TOTAL BUILDING AREA:
65,109 S.F.

- NOTES:**
- OWNER: NHBC, LLC
607 CALEF HIGHWAY, SUITE 200
BARRINGTON, NH 03825
 - APPLICANT: TURBOCAM, INC.
607 CALEF HIGHWAY, SUITE 200
BARRINGTON, NH 03825
 - TAX MAP 238, LOT 44-1
 - LOT AREA: 346,738 Sq.Ft., 7.96 Ac.
 - S.C.R.D. BOOK 3689, PAGE 754
 - THE INTENT OF THIS PLAN IS TO SHOW A
DETAIL VIEW OF THE SOUTH END OF THE SITE PLAN
PREPARED ON TAX MAP 238, LOT 44-1.
 - SEE OVERVIEW SITE PLAN, SHEET 8 OF 51,
AND SHEET 2 OF 51, PROJECT NOTES, FOR
STANDARD NOTES.
 - SEE LANDSCAPING PLAN, SHEET 32 OF 51
FOR LANDSCAPING DETAILS.
 - SEE LIGHTING PLAN, SHEET 33 OF 51 FOR
LIGHTING DETAILS.
 - SEE EASEMENT PLAN, SHEET #4, FOR
APPLICABLE EASEMENTS FOR LOT 44-1 AND LOT 44.

FOR PLANNING BOARD APPROVAL PURPOSES:

THE SITE REVIEW REGULATIONS OF THE TOWN OF
BARRINGTON ARE A PART OF THIS PLAN, AND
APPROVAL OF THIS PLAN IS CONTINGENT UPON
COMPLETION OF ALL REQUIREMENTS OF SAID
SITE REVIEW REGULATIONS, EXCEPTING ONLY
MODIFICATIONS MADE IN WRITING BY THE BOARD
AND ATTACHED HERETO.

- LEGEND:**
- IRON BOUND/REBAR ~FND~
 - GRANITE BOUND ~TBS~
 - 3/4" REBAR W/D CAP ~TBS~
 - 1/2" REBAR W/EASEMENT CAP ~TBS~
 - UTILITY POLE
 - LIGHT TYPE "A" MOUNTED ON POLE
 - LIGHT TYPE "B" MOUNTED ON BUILDING
 - LIGHT TYPE "C" MOUNTED ON BUILDING AT DOORS
 - POORLY DRAINED JURISDICTIONAL WETLAND
 - VERY POORLY DRAINED JURISDICTIONAL WETLAND
 - WETLAND BUFFER
 - EXISTING CONSERVATION EASEMENT LINE
 - BUILDING SETBACK LINE
 - PROPOSED SHOULDER
 - PROPOSED CENTER LINE
 - PROPOSED GUARD RAIL
 - LIMIT OF STORM TECH SC-740 CHAMBERS
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 - PERMANENT WETLAND BUFFER IMPACT
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 - VERY POORLY DRAINED WETLAND



#1A	REVISION	DATE	DESCRIPTION
	04-04-24		BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

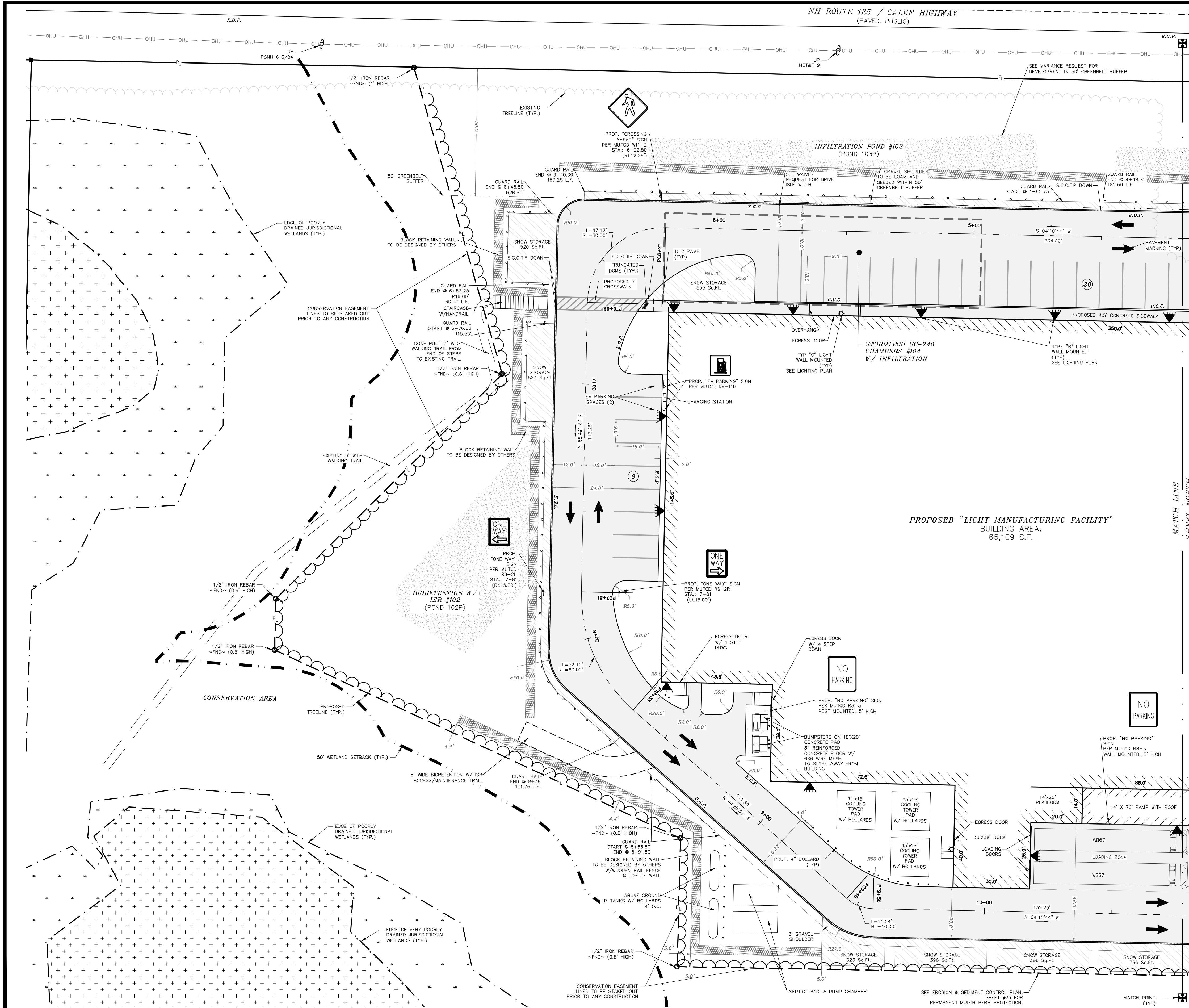
INDUSTRIAL SITE PLAN - DETAIL NORTH

FOR
TURBOCAM, INC.
LAND OF
NHBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

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

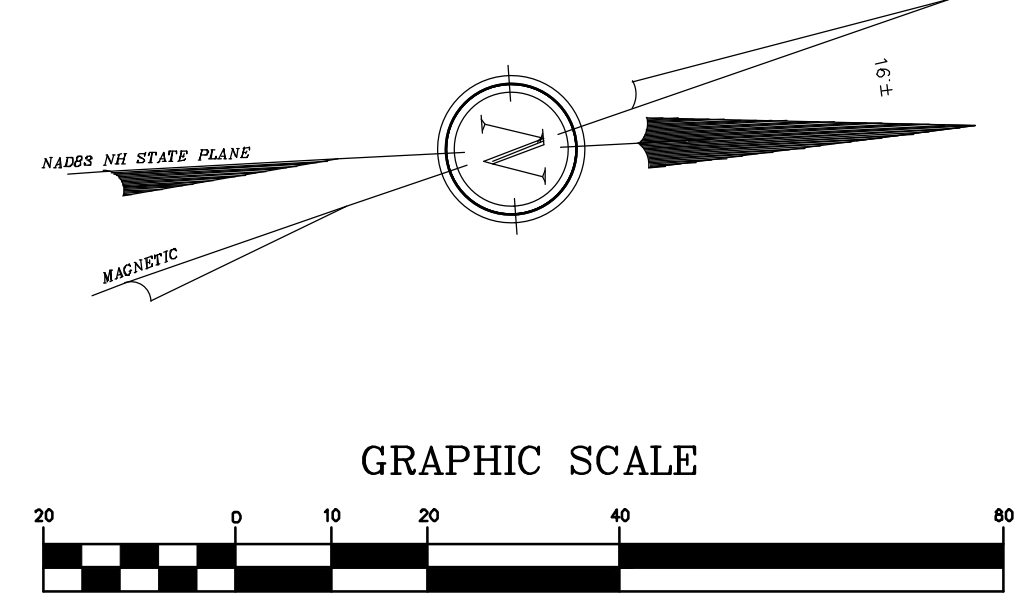
SCALE : 1 IN. EQUALS 20 FT.
DATE : FEBRUARY 5, 2024
FILE NO. : DB 2023 - 017

KENNETH A. BERRY
No. 14243
PROFESSIONAL ENGINEER



- NOTES:**
- 1.) OWNER: NHBBC, LLC
607 CALEF HIGHWAY, SUITE 200
BARRINGTON, NH 03825
 - 1A.) APPLICANT: TURBOCAM, INC.
607 CALEF HIGHWAY, SUITE 200
BARRINGTON, NH 03825
 - 2.) TAX MAP 238, LOT 44-1
 - 3.) LOT AREA: 346,738 Sq.Ft., 7.96 Ac.
 - 4.) S.C.R.D. BOOK 3689, PAGE 754
 - 5.) THE INTENT OF THIS PLAN IS TO SHOW A
DETAIL VIEW OF THE SOUTH END OF THE SITE PLAN
PREPARED ON TAX MAP 238, LOT 44-1.
 - 6.) SEE OVERVIEW SITE PLAN, SHEET 8 OF 51,
AND SHEET 2 OF 51, PROJECT NOTES, FOR
STANDARD NOTES.
 - 7.) SEE LANDSCAPING PLAN, SHEET 32 OF 51 FOR
LANDSCAPING DETAILS.
 - 8.) SEE LIGHTING PLAN, SHEET 33 OF 51 FOR
LIGHTING DETAILS.
 - 9.) SEE EASEMENT PLAN, SHEET #4, FOR
APPLICABLE EASEMENTS FOR LOT 44-1 AND LOT 44.

- LEGEND:**
- IRON BOUND/REBAR ~FND~
 - GRANITE BOUND ~TBS~
 - 3/4" REBAR W/D CAP ~TBS~
 - 1/2" REBAR W/EASEMENT CAP ~TBS~
 - UTILITY POLE
 - LIGHT TYPE "A" MOUNTED ON POLE
 - LIGHT TYPE "B" MOUNTED ON BUILDING
 - LIGHT TYPE "C" MOUNTED ON BUILDING AT DOORS
 - SIGNAGE
 - POORLY DRAINED JURISDICTIONAL WETLAND
 - VERY POORLY DRAINED JURISDICTIONAL WETLAND
 - WETLAND BUFFER
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 - SNOW STORAGE AREA
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 - PERMANENT WETLAND BUFFER IMPACT
 - TEMPORARY WETLAND BUFFER IMPACT
 - TEMPORARY WETLAND IMPACT
 - POORLY DRAINED WETLAND
 - VERY POORLY DRAINED WETLAND



FOR PLANNING BOARD APPROVAL PURPOSES:

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

INDUSTRIAL SITE PLAN - DETAIL SOUTH

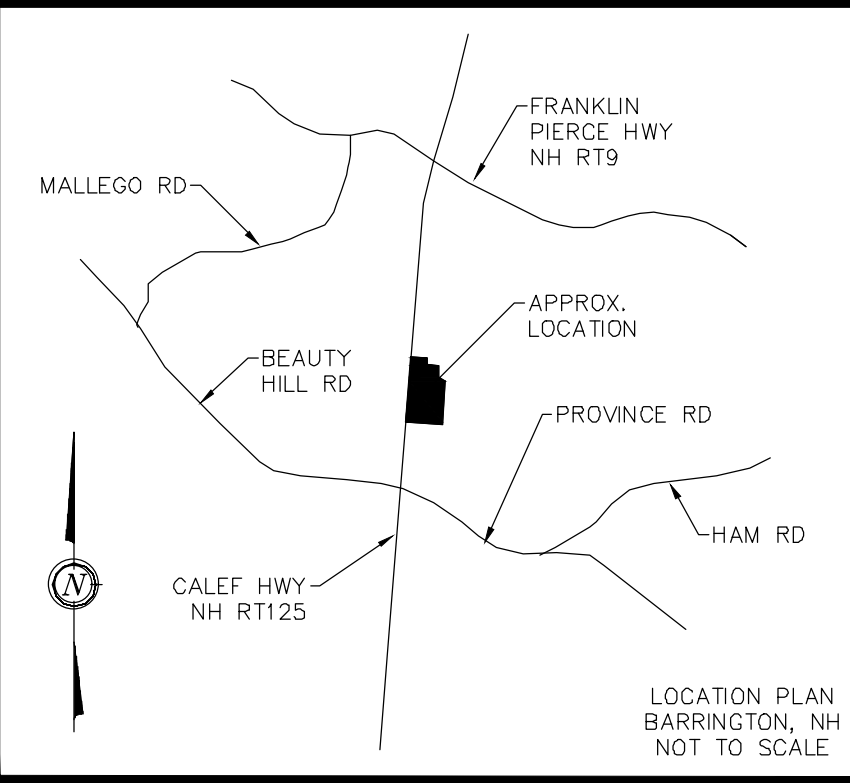
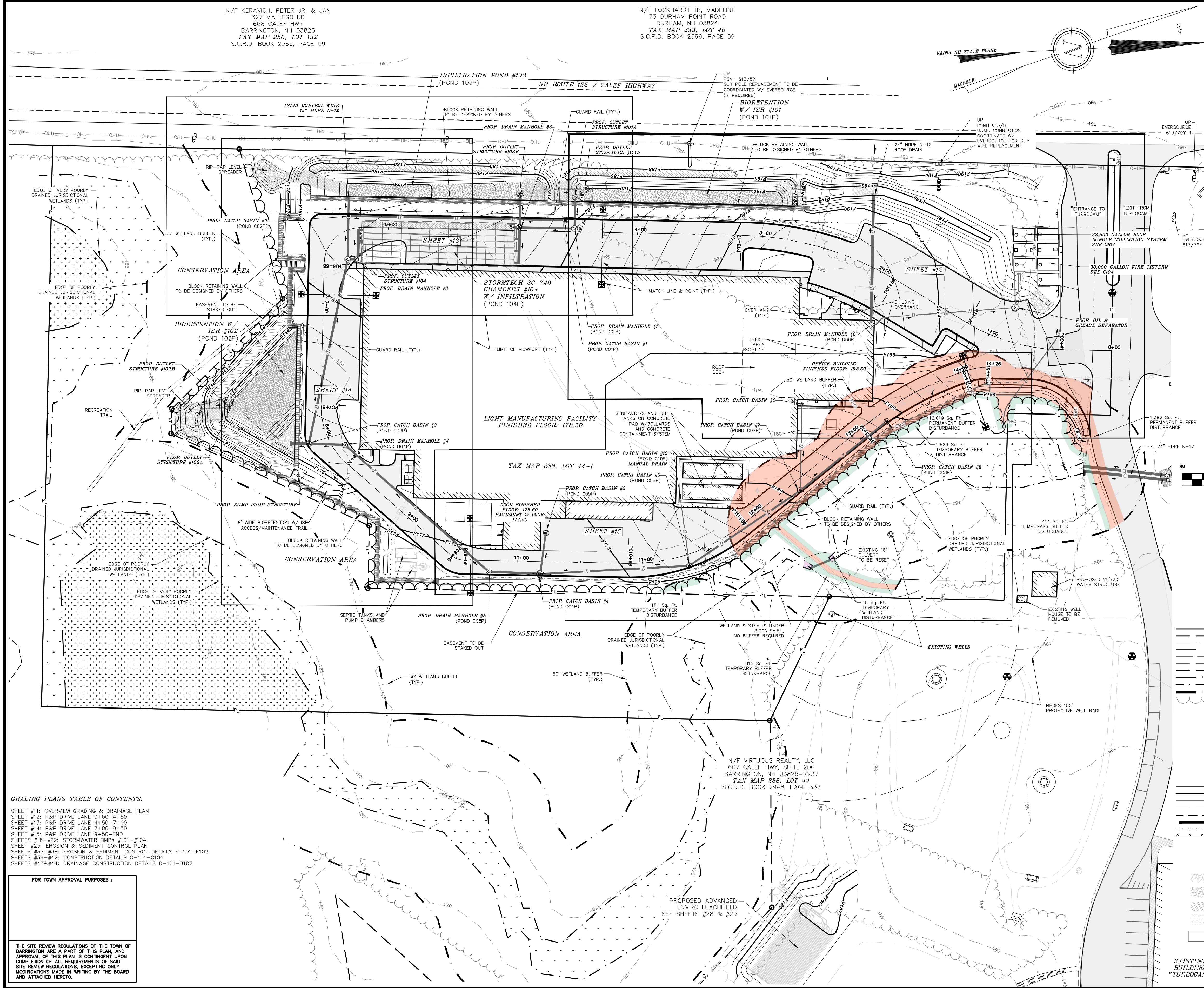
FOR
TURBOCAM, INC.
LAND OF
NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 20 FT.
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023 - 017

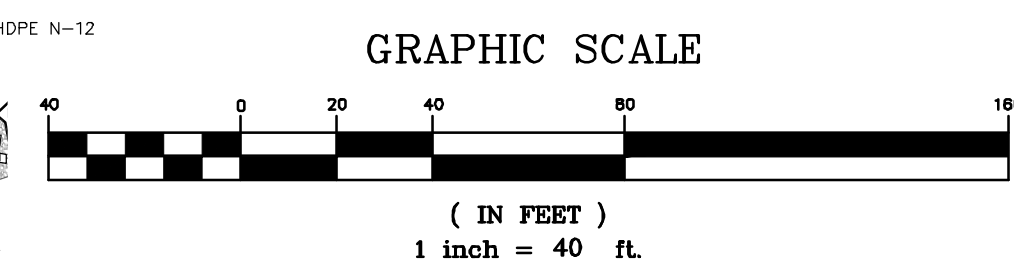
KENNETH A. BERRY
No. 14243
PROFESSIONAL ENGINEER

N/F KERAVICH, PETER JR. & JAN
327 MALLEGO RD
656 CALEF HWY
BARRINGTON, NH 03825
TAX MAP 250, LOT 132
S.C.R.D. BOOK 2369, PAGE 59

N/F LOCKHARDT TR, MADELINE
73 DURHAM POINT ROAD
DURHAM, NH 03824
TAX MAP 238, LOT 45
S.C.R.D. BOOK 2369, PAGE 59



- NOTES:**
- 1.) OWNER: NHBC, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - 1A.) APPLICANT: TURBOCAM, INC.
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - 2.) TAX MAP 238, LOT 44-1
 - 3.) THE INTENT OF THIS PLAN IS TO PROVIDE AN OVERVIEW OF GRADING AND DRAINAGE ACTIVITIES IN SUPPORT OF THE SITE PLAN. EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 5' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.
 - 4.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MULCH BERM / FENCE, SILT SOCKS), BASE IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
 - 5.) ALL BASINS AND DRAINS ARE PROPOSED WITH NO SUMPS OR HOODS. BASINS WITHIN ANY GRASS LINED AREAS OUTSIDE THE ROADWAY WILL HAVE "BEE HIVE" GRATES TO NOT ALLOW FOR ENTRAPMENT OF ANIMALS IN THE STRUCTURE. OUTLET CONTROL STRUCTURES WILL NOT HAVE SUMPS. IF REQUIRED TO BE INSTALLED DURING THE PRE-CASTING PROCESS, THEY ARE TO BE FILLED WITH STONE ON SITE. BASINS ARE TO HAVE NH STANDARD FRAMES AND GRATES MADE IN NORTH AMERICA. PLEASE NOTE SOME GRATES ARE SPECIALIZED FOR THE LOCATION AND USE AND ARE CALLED OUT ON THE GRADING PLANS. GRATES ARE TO BE INSTALLED BINDER FRESH PRIOR TO BASE PAVE. UPON PROJECT COMPLETION FRAMES AND GRATES ARE TO BE CUT AND RIM RAISED TO FINAL PAVEMENT SURFACE. THIS IS TO ENSURE STORMWATER ENTERS THE SYSTEM AS DESIGN DURING THE INTERIM CONSTRUCTION PERIOD.
 - 6.) SEE SHEET #2 FOR GRADING AND DRAINAGE NOTES.



EXISTING LEGEND:

- IRON BOUND/IRON ROD (FND)
- IRON PIPE (FND)
- STONE BOUND (FND)
- UTILITY POLE / GUY WIRE
- SINGLE POST SIGN
- TEMPORARY BENCHMARK
- WELL
- TESTHOLE

- PERIMETER BOUNDARY LINE
- EXISTING CONSERVATION EASEMENT LINE
- BUILDING SETBACK LINE
- NHDES PROTECTIVE WELL RADIUS
- OVERHEAD UTILITIES
- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- POORLY DRAINED WETLAND LINE
- VERY POORLY DRAINED WETLAND LINE
- 50' WETLAND BUFFER LINE
- TREE LINE
- FOUND
- TYPICAL
- STRAFFORD COUNTY REGISTER OF DEEDS

PROPOSED LEGEND:

- TEMPORARY BENCHMARK (T.B.M.)
- DETAIL SHEET / DETAIL
- CONTOUR MINOR, PROPOSED
- CONTOUR MAJOR, PROPOSED
- ROAD CENTERLINE
- SHOULDER
- PAVEMENT SEAM
- DRAIN CULVERT W/ FLARED END SECTION (F.E.S.)
- UNDERDRAIN
- GUARD RAIL
- EXISTING SPOT GRADE
- PROPOSED SPOT GRADE
- FLOW ARROW
- RIP RAP
- STORMWATER BEST MANAGEMENT PRACTICE (BMP)
- BERM
- RETAINING WALL
- STORMTECH CHAMBERS/ISOLATOR ROW
- DRAIN MANHOLE W/ STRUCTURE
- CATCH BASIN W/ STRUCTURE
- STORMWATER BMP OUTLET STRUCTURE

GRADING PLANS TABLE OF CONTENTS:

SHEET #11:	OVERVIEW GRADING & DRAINAGE PLAN
SHEET #12:	P&P DRIVE LANE 0+00-4+50
SHEET #13:	P&P DRIVE LANE 4+50-7+00
SHEET #14:	P&P DRIVE LANE 7+00-9+50
SHEET #15:	P&P DRIVE LANE 9+50-END
SHEETS #16-#22:	STORMWATER BMPs #101-#104
SHEET #23:	EROSION & SEDIMENT CONTROL PLAN
SHEETS #37-#38:	EROSION & SEDIMENT CONTROL DETAILS E-101-E102
SHEETS #39-#42:	CONSTRUCTION DETAILS C-101-C104
SHEETS #43,:	DRAINAGE CONSTRUCTION DETAILS D-101-D102

FOR TOWN APPROVAL PURPOSES :

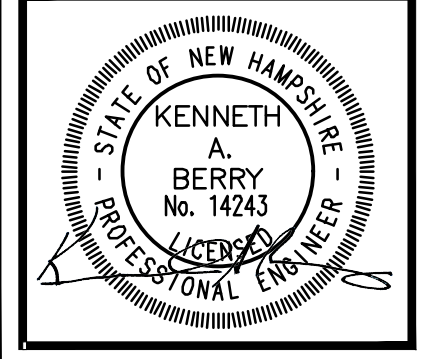
THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

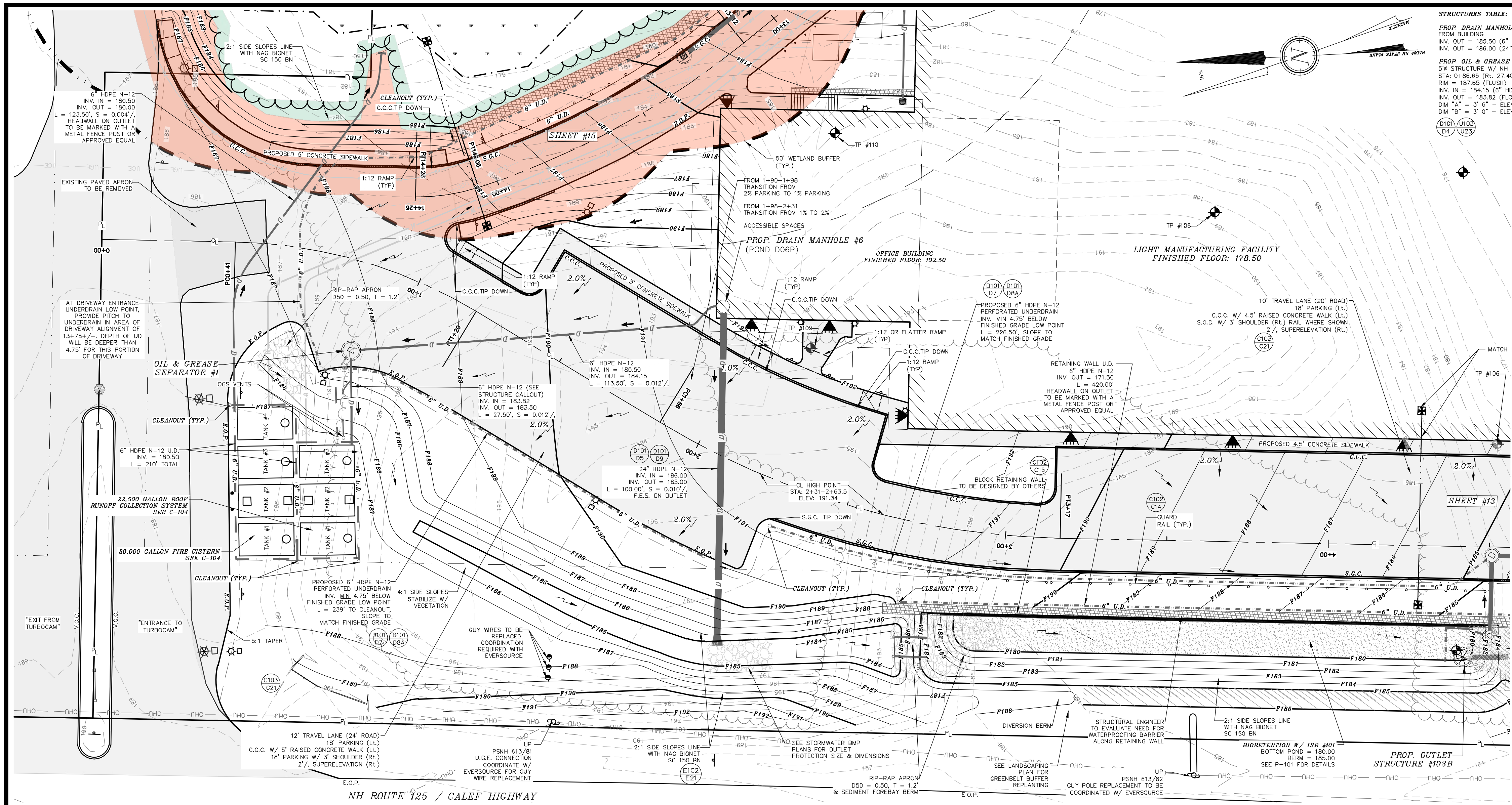
N/F VIRTUOUS REALTY, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825-7237
TAX MAP 238, LOT 44
S.C.R.D. BOOK 2948, PAGE 332

#1A	REVISION	DATE	DESCRIPTION
		04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

OVERVIEW GRADING & DRAINAGE PLAN
FOR
TURBOCAM, INC.
LAND OF
NHBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : 1 IN. EQUALS 40 FT.
DATE : FEBRUARY 5, 2024
FILE NO. : DB 2023 - 017





STRUCTURES TABLE:

PROP. DRAIN MANHOLE #6 (POND DOGP)
 FROM BUILDING
 INV. OUT = 185.50 (6" HOPE N-12) (CISTERN)
 INV. OUT = 186.00 (24" HOPE N-12) (P-101)

PROP. OIL & GREASE SEPARATOR #1
 5'x5' STRUCTURE W/ NH STANDARD RIM & VENTS
 STA: 0+86.65 (RI: 27.40)
 RIM = 187.65 (FLUSH)
 INV. IN = 184.16 (6" HOPE N-12)
 INV. OUT = 183.82 (FLOW LINE) (6" HOPE N-12)
 DIM "A" = 3' 8" - ELEV: 180.32
 DIM "B" = 3' 0" - ELEV: 177.32

- NOTES:**
- 1.) OWNER: NHBC, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - 1A.) APPLICANT: TURBOCAM, INC.
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - 2.) TAX MAP 238, LOT 44-1
 - 3.) THE INTENT OF THIS PLAN IS TO PROVIDE AN GRADING AND DRAINAGE DETAILS IN SUPPORT OF THE SITE PLAN. EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.
 - 4.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERMETER CONTROL (MULCH BERM / FENCE / SILT SOCK). BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
 - 5.) ALL BASINS AND DRAINS ARE PROPOSED WITH NO SLUMPS OR HOODS. OUTLET CONTROL STRUCTURES WILL NOT HAVE SLUMPS IF REQUIRED TO BE INSTALLED DURING THE PRE-CASTING PROCESS, THEY ARE TO BE FILLED WITH STONE ON SITE. BASINS ARE TO HAVE NH STANDARD FRAMES AND GRATES MADE IN NORTH AMERICA. GRATES ARE TO BE INSTALLED ENDER FLUSH PRIOR TO BASE PAVE. UPON PROJECT COMPLETION FRAMES AND GRATES ARE TO BE CUT AND RIM RAISED TO FINAL PAVEMENT SURFACE. THIS IS TO ENSURE STORMWATER ENTERS THE SYSTEM AS DESIGN DURING THE INTERM CONSTRUCTION PERIOD.
 - 6.) SEE SHEET #2 FOR GRADING AND DRAINAGE NOTES.

GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

FOR TOWN APPROVAL PURPOSES :

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

PLAN VIEW CIRCULATION 0+00 TO 4+50

PROFILE VIEW CIRCULATION 0+00 TO 4+50

GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

VERTICAL SCALE: 1" = 4'

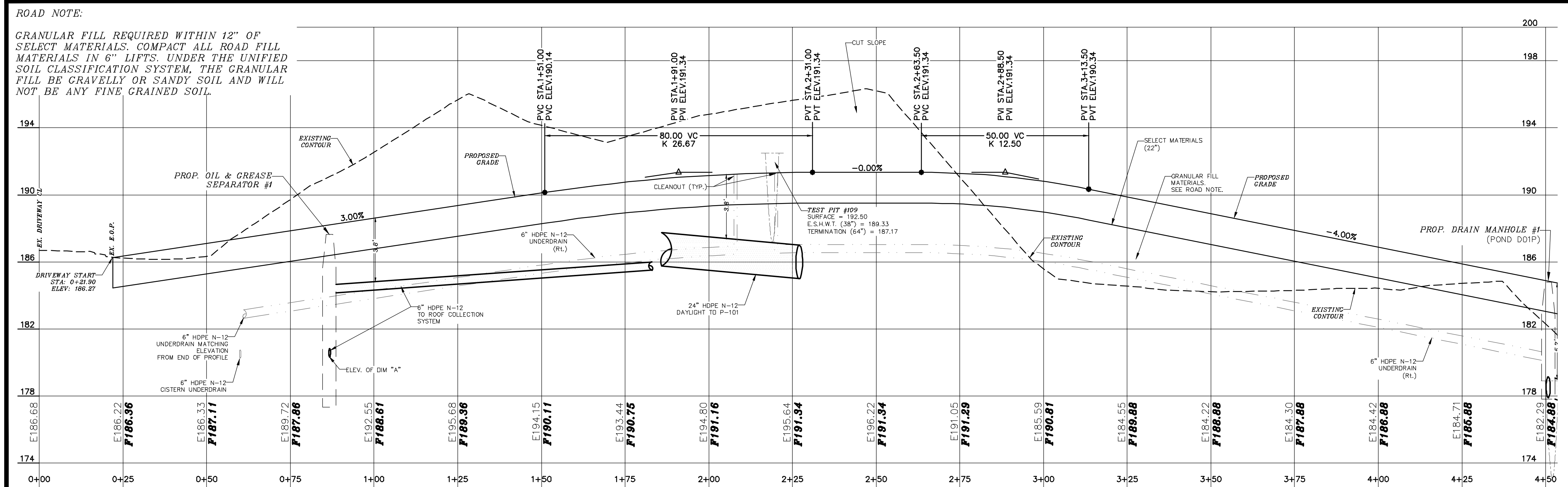
EXISTING LEGEND:

- IRON BOUND/IRON ROD (FND)
- IRON PIPE (FND)
- STONE BOUND (FND)
- UTILITY POLE / GUY WIRE
- SINGLE POST SIGN
- TEMPORARY BENCHMARK
- WELL
- TESTHOLE

- PERIMETER BOUNDARY LINE
- EXISTING CONSERVATION EASEMENT LINE
- BUILDING SETBACK LINE
- NHDES PROTECTIVE WELL RADIUS
- OVERHEAD UTILITIES
- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- POORLY DRAINED WETLAND LINE
- VERY POORLY DRAINED WETLAND LINE
- 50' WETLAND BUFFER LINE
- TREE LINE
- FND FOUND
- TYP TYPICAL
- S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS

PROPOSED LEGEND:

- TEMPORARY BENCHMARK (T.B.M.)
- DETAIL SHEET / DETAIL
- CONTOUR MINOR, PROPOSED
- CONTOUR MAJOR, PROPOSED
- ROAD CENTERLINE
- SHOULDER
- PAVEMENT SEAM
- DRAIN CULVERT W/ FLARED END SECTION (F.E.S.)
- UNDERDRAIN
- GUARD RAIL
- EXISTING SPOT GRADE
- PROPOSED SPOT GRADE
- FLOW ARROW
- RIP RAP
- STORMWATER BEST MANAGEMENT PRACTICE (BMP)
- BERM
- RETAINING WALL
- STORMTECH CHAMBERS/ISOLATOR ROW
- DRAIN MANHOLE W/ STRUCTURE
- CATCH BASIN W/ STRUCTURE
- STORMWATER BMP OUTLET STRUCTURE



ROAD NOTE:

GRANULAR FILL REQUIRED WITHIN 12" OF SELECT MATERIALS. COMPACT ALL ROAD FILL MATERIALS IN 6" LIFTS. UNDER THE UNIFIED SOIL CLASSIFICATION SYSTEM, THE GRANULAR FILL BE GRAVELLY OR SANDY SOIL AND WILL NOT BE ANY FINE GRAINED SOIL.

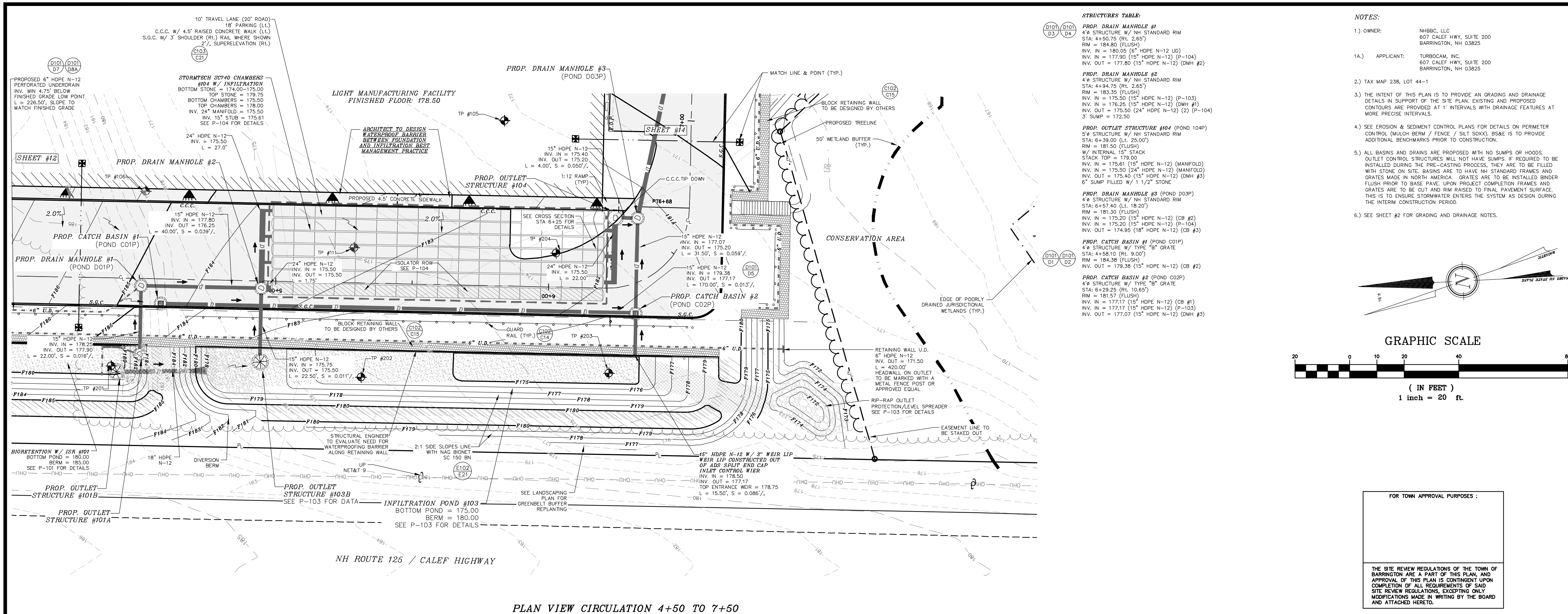
PLAN & PROFILE CIRCULATION 0+00 TO 4+50

FOR
TURBOCAM, INC.
LAND OF
NHBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

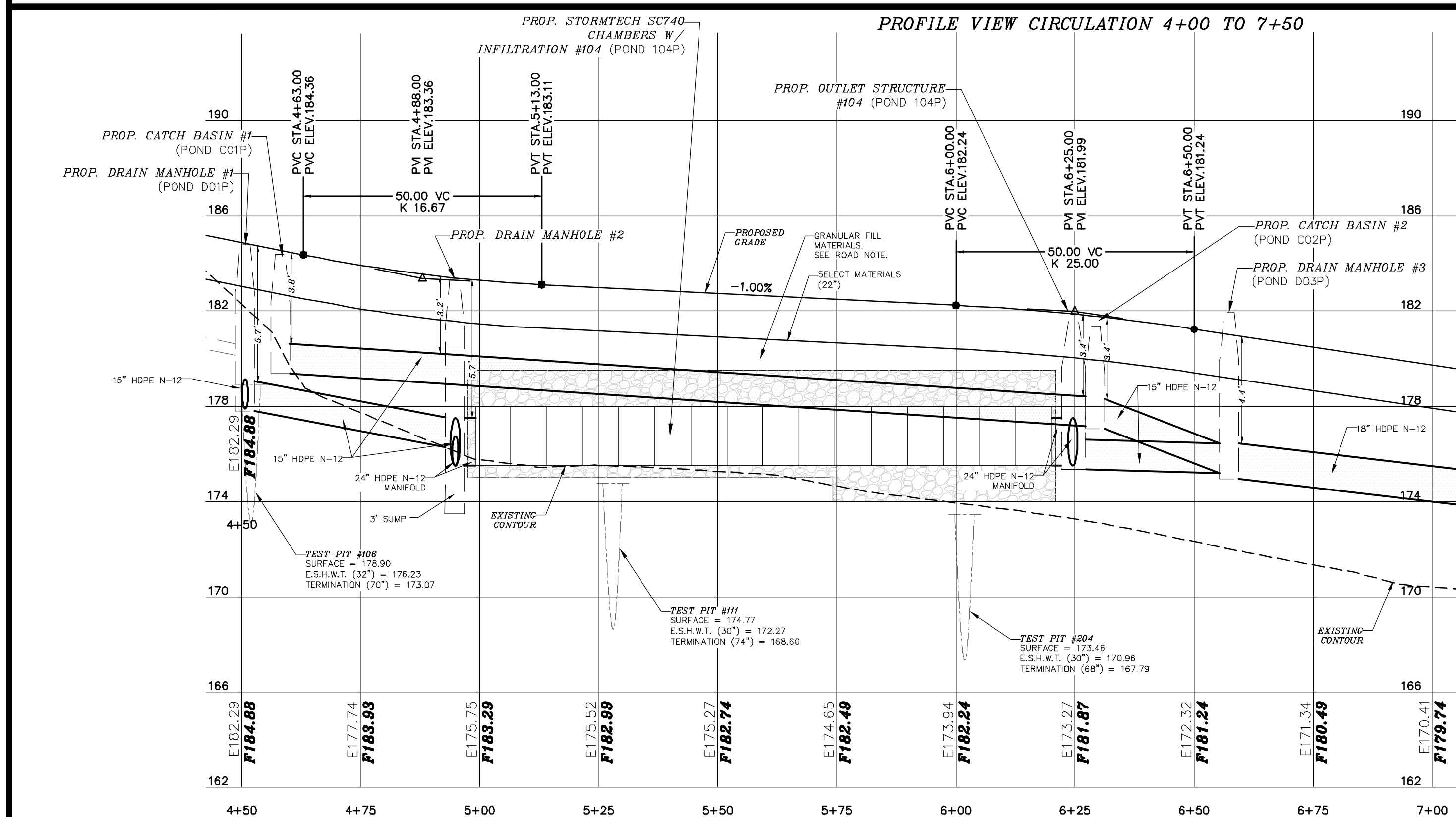
BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE : 1 IN. EQUALS 20 FT.
 DATE : FEBRUARY 5, 2024
 FILE NO. : DB 2023 - 017

KENNETH A. BERRY
 No. 14243
 PROFESSIONAL ENGINEER

#1A	REVISION	DATE	DESCRIPTION
		04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES



PLAN VIEW CIRCULATION 4+50 TO 7+50



PROFILE VIEW CIRCULATION 4+00 TO 7+50

ROAD NOTE:

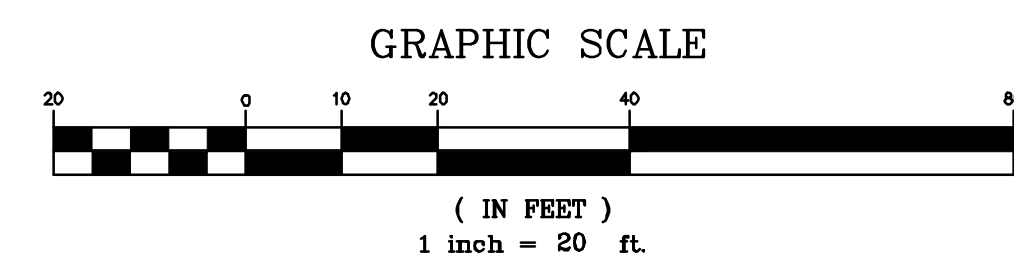
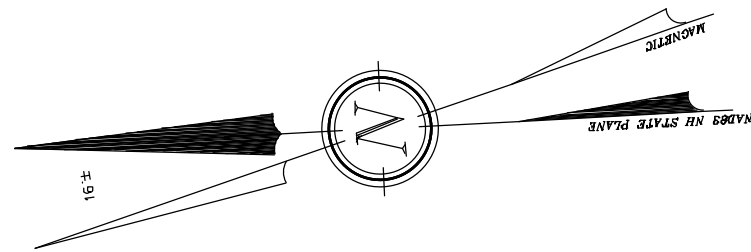
GRANULAR FILL REQUIRED WITHIN 12" OF SELECT MATERIALS. COMPACT ALL ROAD FILL MATERIALS IN 6" LIFTS. UNDER THE UNIFIED SOIL CLASSIFICATION SYSTEM, THE GRANULAR FILL BE GRAVELLY OR SANDY SOIL AND WILL NOT BE ANY FINE GRAINED SOIL.

STRUCTURES TABLE:

PROP. DRAIN MANHOLE #1 4" STRUCTURE W/ NH STANDARD RM STA 4+50.75 (RL 2.65) RM = 184.80 (FLUSH) INV. IN = 180.05 (6" HDPE N-12 UD) INV. OUT = 177.50 (15" HDPE N-12) (P-104) INV. OUT = 177.80 (15" HDPE N-12) (DMH #2)
PROP. DRAIN MANHOLE #2 4" STRUCTURE W/ NH STANDARD RM STA 4+94.75 (RL 2.65) RM = 183.30 (FLUSH) INV. IN = 175.50 (15" HDPE N-12) (P-103) INV. IN = 176.25 (15" HDPE N-12) (DMH #1) INV. OUT = 175.50 (24" HDPE N-12) (2) (P-104) 3" SUMP = 172.50
PROP. OUTLET STRUCTURE #104 (POND 104P) 4" STRUCTURE W/ NH STANDARD RM STA 6+39.00 (LT. 25.00) RM = 181.50 (FLUSH) W/ INTERNAL 15" STACK STACK TOP = 179.00 INV. IN = 175.50 (15" HDPE N-12) (MANFOLD) INV. IN = 175.50 (24" HDPE N-12) (MANFOLD) INV. OUT = 175.40 (15" HDPE N-12) (DMH #3) 6" SUMP FILLED W/ 1/2" STONE
PROP. DRAIN MANHOLE #3 (POND D03P) 4" STRUCTURE W/ NH STANDARD RM STA 6+57.40 (LT. 18.20) RM = 181.30 (FLUSH) INV. IN = 175.50 (15" HDPE N-12) (CB #2) INV. IN = 175.20 (15" HDPE N-12) (P-104) INV. OUT = 174.95 (18" HDPE N-12) (CB #3)
PROP. CATCH BASIN #1 (POND C01P) 4" STRUCTURE W/ TYPE "B" GRATE STA 4+58.10 (RL 9.00) RM = 184.38 (FLUSH) INV. OUT = 179.38 (15" HDPE N-12) (CB #2)
PROP. CATCH BASIN #2 (POND C02P) 4" STRUCTURE W/ TYPE "B" GRATE STA 6+29.25 (RL 10.65) RM = 181.57 (FLUSH) INV. IN = 177.17 (15" HDPE N-12) (CB #1) INV. OUT = 177.07 (15" HDPE N-12) (P-103)

NOTES:

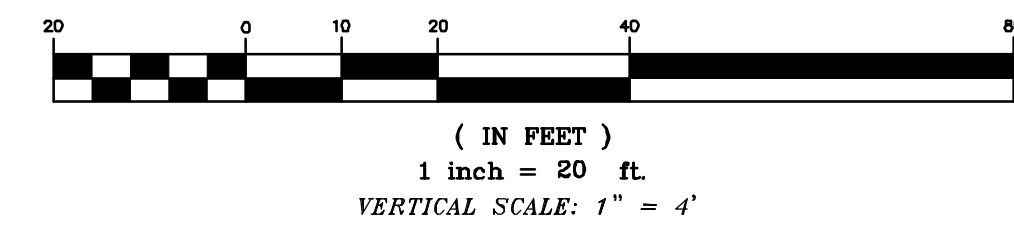
- OWNER: NHBC, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
- TAX MAP 238, LOT 44-1
- THE INTENT OF THIS PLAN IS TO PROVIDE AN GRADING AND DRAINAGE DETAILS IN SUPPORT OF THE SITE PLAN. EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.
- SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERMETER CONTROL (MULCH BERM / FENCE / SILT SOX). BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
- ALL BASINS AND DRAINS ARE PROPOSED WITH NO SUMPS OR HOODS. OUTLET CONTROL STRUCTURES WILL NOT HAVE SUMPS. IF REQUIRED TO BE INSTALLED DURING THE PRE-CASTING PROCESS, THEY ARE TO BE FILLED WITH STONE ON SITE. BASINS ARE TO HAVE NH STANDARD FRAMES AND GRATES MADE IN NORTH AMERICA. GRATES ARE TO BE INSTALLED BINDER FLUSH PRIOR TO BASE PAVE. UPON PROJECT COMPLETION FRAMES AND GRATES ARE TO BE CUT AND RIM RAISED TO FINAL PAVEMENT SURFACE. THIS IS TO ENSURE STORMWATER ENTERS THE SYSTEM AS DESIGN DURING THE INTERIM CONSTRUCTION PERIOD.
- SEE SHEET #2 FOR GRADING AND DRAINAGE NOTES.



FOR TOWN APPROVAL PURPOSES:

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

GRAPHIC SCALE



EXISTING LEGEND:

- IRON BOUND/IRON ROD (FND)
- IRON PIPE (FND)
- STONE BOUND (FND)
- UTILITY POLE / GUY WIRE
- SINGLE POST SIGN
- TEMPORARY BENCHMARK
- WELL
- TESTHOLE
- PERIMETER BOUNDARY LINE
- EXISTING CONSERVATION EASEMENT LINE
- BUILDING SETBACK LINE
- NHDES PROTECTIVE WELL RADIUS
- OVERHEAD UTILITIES
- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- POORLY DRAINED WETLAND LINE
- VERY POORLY DRAINED WETLAND LINE
- 50' WETLAND BUFFER LINE
- TREE LINE
- FND
- TYP
- S.C.R.D.
- STRAFFORD COUNTY
- REGISTRY OF DEEDS

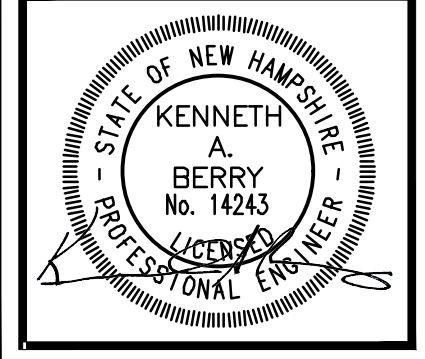
PROPOSED LEGEND:

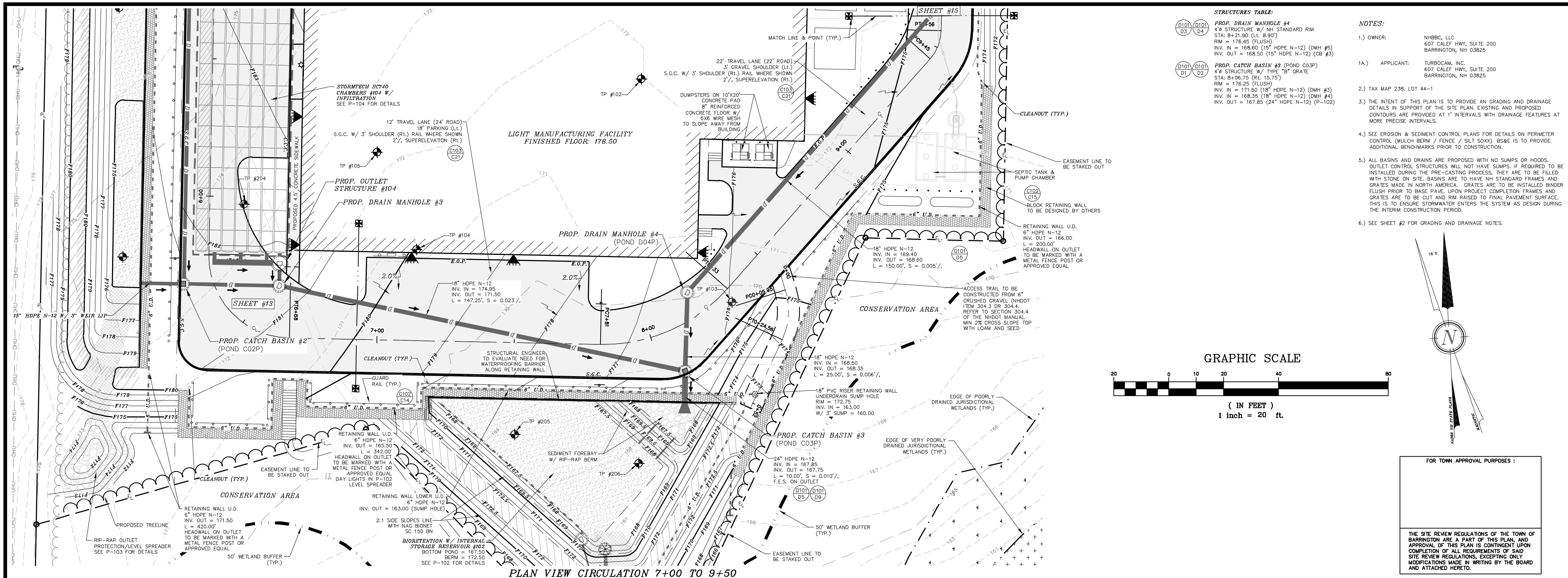
- TEMPORARY BENCHMARK (T.B.M.)
- DETAIL SHEET / DETAIL
- CONTOUR MINOR, PROPOSED
- CONTOUR MAJOR, PROPOSED
- ROAD CENTERLINE
- SHOULDER
- PAVEMENT SEAM
- DRAIN CULVERT W/ FLARED END SECTION (F.E.S.)
- UNDERDRAIN
- GUARD RAIL
- EXISTING SPOT GRADE
- PROPOSED SPOT GRADE
- FLOW ARROW
- RIP RAP
- STORMWATER BEST MANAGEMENT PRACTICE (BMP)
- BERM
- RETAINING WALL
- STORMTECH CHAMBERS/ISOLATOR ROW
- DRAIN MANHOLE W/ STRUCTURE
- CATCH BASIN W/ STRUCTURE
- STORMWATER BMP OUTLET STRUCTURE

PLAN & PROFILE CIRCULATION 4+50 TO 7+00

FOR
TURBOCAM, INC.
LAND OF
NHBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 20 FT.
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023 - 017



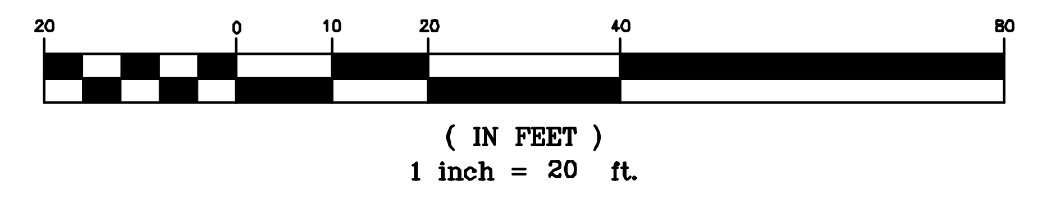


STRUCTURES TABLE:

(D101) D3	(D101) D4	PROP. DRAIN MANHOLE #4 4" STRUCTURE W/ NH STANDARD RIM STA: 8+21.90 (LT. 8'00") RM = 176.45 (FLUSH) INV. IN = 168.50 (18" HDPE N-12) (DMH #5) INV. OUT = 168.50 (15" HDPE N-12) (CB #3)
(D101) D1	(D101) D2	PROP. CATCH BASIN #3 (POND C03P) 4" STRUCTURE W/ TYPE "B" GRATE STA: 8+06.75 (RL 15.75') RM = 176.25 (FLUSH) INV. IN = 171.50 (18" HDPE N-12) (DMH #3) INV. IN = 168.35 (18" HDPE N-12) (DMH #4) INV. OUT = 167.85 (24" HDPE N-12) (P-102)

- NOTES:**
- OWNER: NHBBC, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - APPLICANT: TURBOCAM, INC.
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - TAX MAP 238, LOT 44-1
 - THE INTENT OF THIS PLAN IS TO PROVIDE AN GRADING AND DRAINAGE DETAILS IN SUPPORT OF THE SITE PLAN. EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.
 - SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MULCH BERM / FENCE / SILT SOCK). BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
 - ALL BASINS AND DRAINS ARE PROPOSED WITH NO SUMPS OR HOODS. OUTLET CONTROL STRUCTURES WILL NOT HAVE SUMPS. IF REQUIRED TO BE INSTALLED DURING THE PRE-CASTING PROCESS, THEY ARE TO BE FILLED WITH STONE ON SITE. BASINS ARE TO HAVE NH STANDARD FRAMES AND GRATES MADE IN NORTH AMERICA. GRATES ARE TO BE INSTALLED ENDER FLUSH PRIOR TO BASE PAVE. UPON PROJECT COMPLETION FRAMES AND GRATES ARE TO BE OBT AND RM RAISED TO FINAL PAVEMENT SURFACE. THIS IS TO ENSURE STORMWATER ENTERS THE SYSTEM AS DESIGN DURING THE INTERIM CONSTRUCTION PERIOD.
 - SEE SHEET #2 FOR GRADING AND DRAINAGE NOTES.

GRAPHIC SCALE

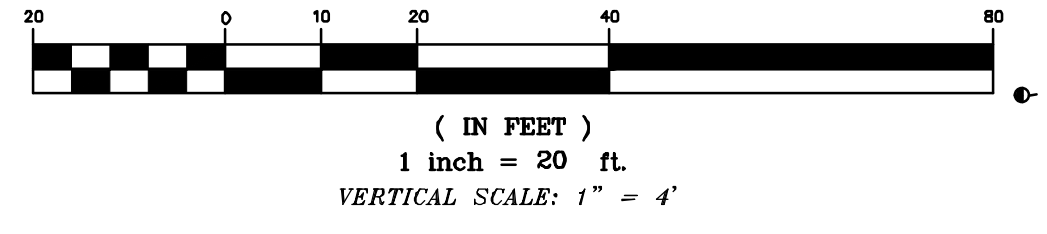


FOR TOWN APPROVAL PURPOSES:

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ROAD NOTE:
GRANULAR FILL REQUIRED WITHIN 12" OF SELECT MATERIALS. COMPACT ALL ROAD FILL MATERIALS IN 6" LIFTS. UNDER THE UNIFIED SOIL CLASSIFICATION SYSTEM, THE GRANULAR FILL BE GRAVELLY OR SANDY SOIL AND WILL NOT BE ANY FINE GRAINED SOIL.

GRAPHIC SCALE

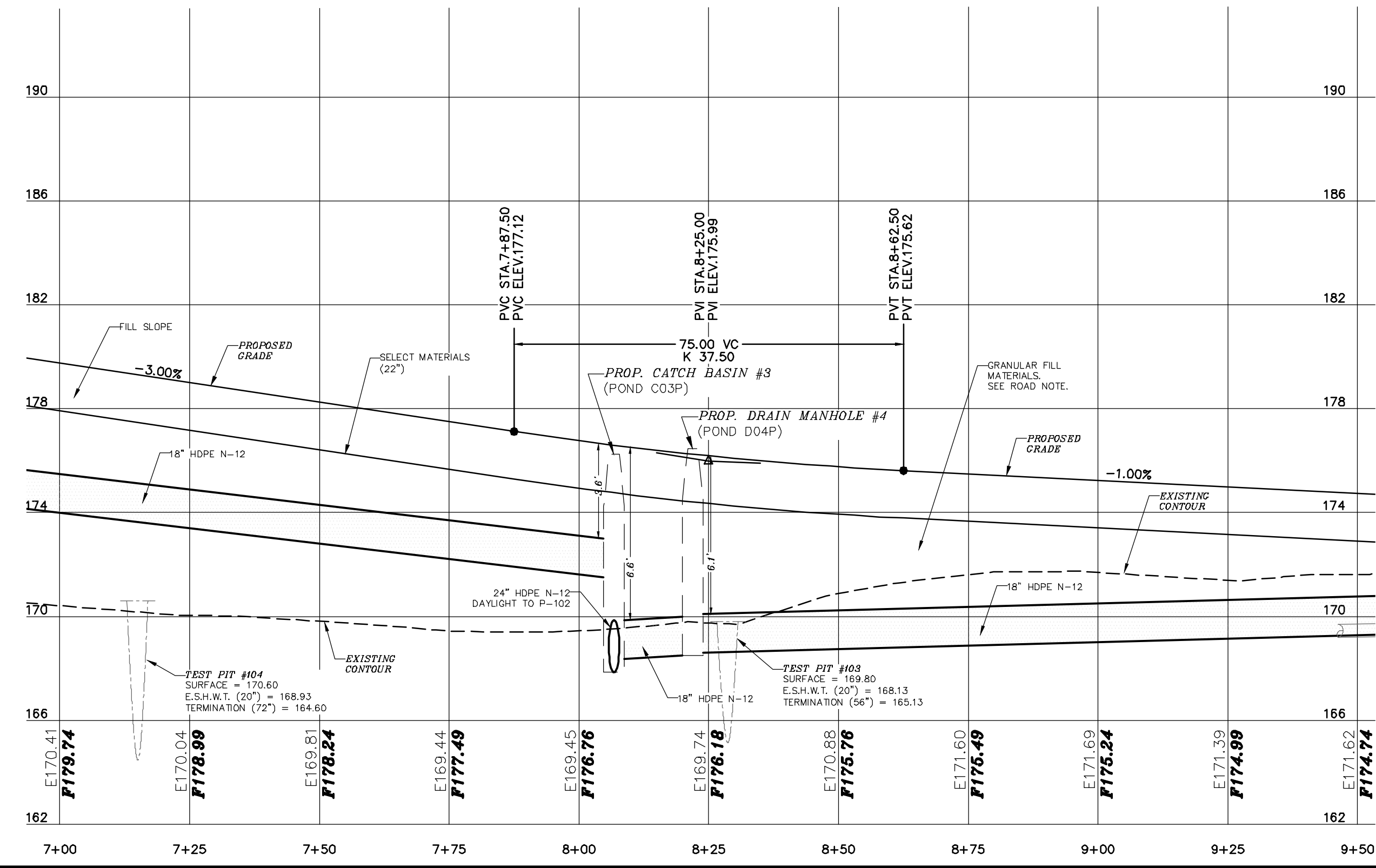


EXISTING LEGEND:

- IRON BOUND/IRON ROD (FND)
- IRON PIPE (FND)
- STONE BOUND (FND)
- UTILITY POLE / GUY WIRE
- SINGLE POST SIGN
- TEMPORARY BENCHMARK
- WELL
- TESTHOLE
- PERIMETER BOUNDARY LINE
- EXISTING CONSERVATION EASEMENT LINE
- BUILDING SETBACK LINE
- NHDES PROTECTIVE WELL RADIUS
- OVERHEAD UTILITIES
- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- POORLY DRAINED WETLAND LINE
- VERY POORLY DRAINED WETLAND LINE
- 50' WETLAND BUFFER LINE
- TREE LINE
- FND FOUND
- TYP TYPICAL
- S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS

PROPOSED LEGEND:

- TEMPORARY BENCHMARK (T.B.M.)
- DETAIL SHEET / DETAIL
- CONTOUR MINOR, PROPOSED
- CONTOUR MAJOR, PROPOSED
- ROAD CENTERLINE
- SHOULDER
- PAVEMENT SEAM
- DRAIN CULVERT W/ FLARED END SECTION (F.E.S.)
- UNDERDRAIN
- GUARD RAIL
- EXISTING SPOT GRADE
- PROPOSED SPOT GRADE
- FLOW ARROW
- RIP RAP
- STORMWATER BEST MANAGEMENT PRACTICE (BMP)
- BERM
- RETAINING WALL
- STORMTECH CHAMBERS/ISOLATOR ROW
- DRAIN MANHOLE W/STRUCTURE
- CATCH BASIN W/ STRUCTURE
- STORMWATER BMP OUTLET STRUCTURE



REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

FOR TURBOCAM, INC.
LAND OF
NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 20 FT.
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023 - 017

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

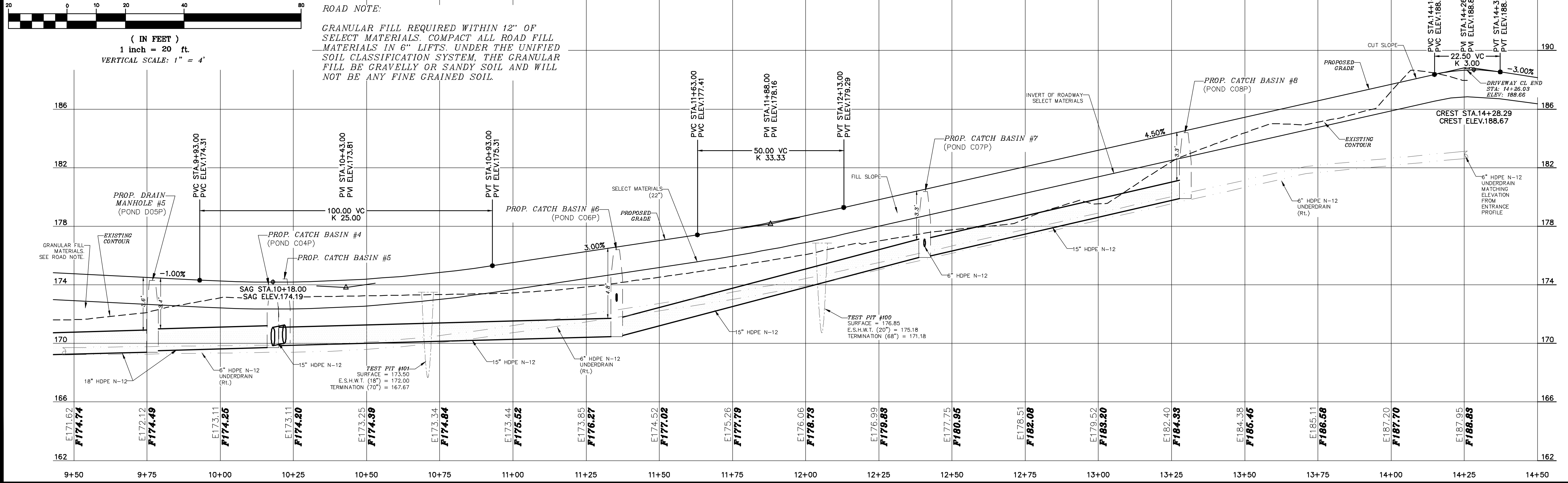
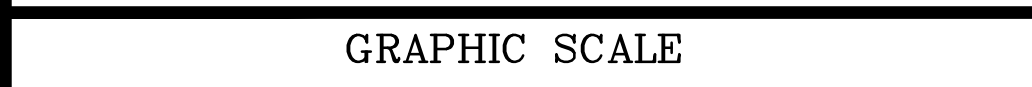
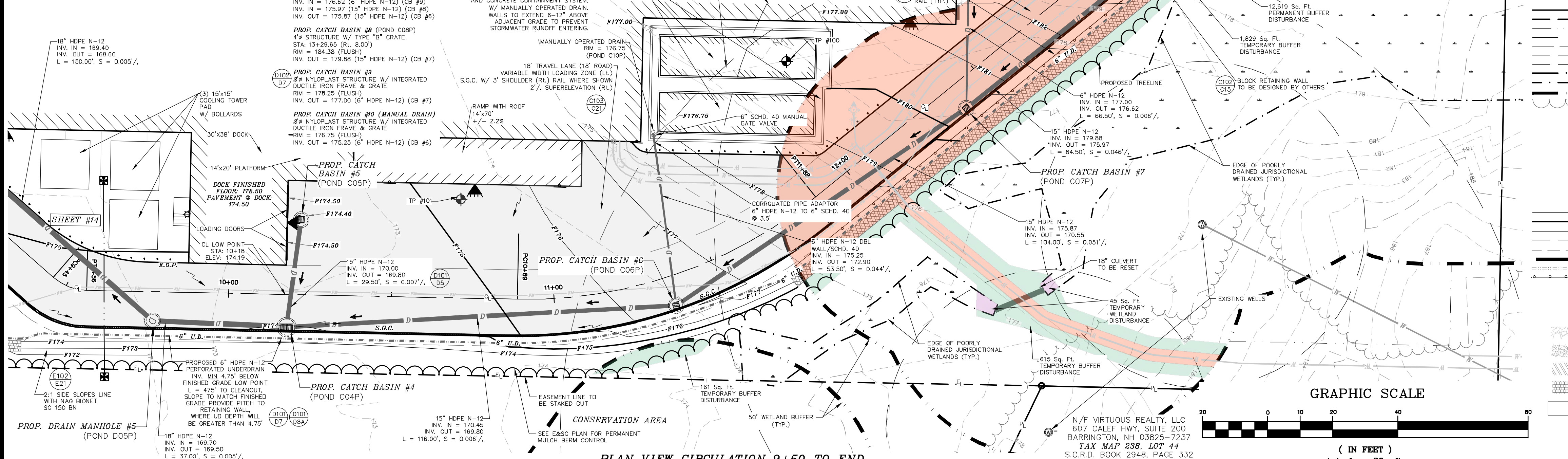
SHEET 14 OF 51

NOTES:

- OWNER: NHBC, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
- APPLICANT: TURBOCAM, INC.
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
- TAX MAP 238, LOT 44-1
- THE INTENT OF THIS PLAN IS TO PROVIDE AN GRADING AND DRAINAGE DETAILS IN SUPPORT OF THE SITE PLAN. EXISTING AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.
- SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MULCH BERM / FENCE / SILT SOXX). B&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
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- SEE SHEET #2 FOR GRADING AND DRAINAGE NOTES.

STRUCTURES TABLE:

- PROP. DRAIN MANHOLE #5**
4" STRUCTURE W/ NH STANDARD RM
STA: 9+76.85 (RL: 8.90)
RIM = 174.30 (FLUSH)
INV. IN = 169.50 (15" HDPE N-12) (CB #4)
INV. OUT = 169.40 (18" HDPE N-12) (DMH #4)
- PROP. CATCH BASIN #4** (POND C04P)
4" STRUCTURE W/ TYPE "B" GRATE
STA: 10+18.00 (RL: 10.00)
RIM = 173.99 (FLUSH)
INV. IN = 169.80 (15" HDPE N-12) (CB #5)
INV. IN = 169.80 (15" HDPE N-12) (CB #6)
INV. OUT = 169.70 (18" HDPE N-12) (CB #4)
- PROP. CATCH BASIN #5** (POND C05P)
4" STRUCTURE W/ TYPE "B" GRATE
STA: 10+21.85 (RL: 23.00)
RIM = 174.40 (FLUSH)
INV. IN = 170.00 (15" HDPE N-12) (CB #4)
INV. OUT = 170.00 (15" HDPE N-12) (CB #4)
- PROP. CATCH BASIN #6** (POND C06P)
4" STRUCTURE W/ TYPE "B" GRATE
STA: 11+35.40 (RL: 8.00)
RIM = 176.40 (FLUSH)
INV. IN = 170.35 (15" HDPE N-12) (CB #10)
INV. IN = 170.55 (15" HDPE N-12) (CB #7)
INV. OUT = 170.45 (15" HDPE N-12) (CB #4)
- PROP. CATCH BASIN #7** (POND C07P)
4" STRUCTURE W/ TYPE "B" GRATE
STA: 12+40.80 (RL: 8.00)
RIM = 180.37 (FLUSH)
INV. IN = 176.62 (15" HDPE N-12) (CB #9)
INV. IN = 176.97 (15" HDPE N-12) (CB #8)
INV. OUT = 175.87 (15" HDPE N-12) (CB #6)
- PROP. CATCH BASIN #8** (POND C08P)
4" STRUCTURE W/ TYPE "B" GRATE
STA: 13+26.85 (RL: 8.00)
RIM = 184.38 (FLUSH)
INV. IN = 179.88 (15" HDPE N-12) (CB #7)
INV. OUT = 179.88 (15" HDPE N-12) (CB #7)
- PROP. CATCH BASIN #9**
4" NYLOPLAST STRUCTURE W/ INTEGRATED DUCTILE IRON FRAME & GRATE
RIM = 178.25 (FLUSH)
INV. IN = 177.00 (15" HDPE N-12) (CB #7)
INV. OUT = 177.00 (15" HDPE N-12) (CB #7)
- PROP. CATCH BASIN #10** (MANUAL DRAIN)
2" NYLOPLAST STRUCTURE W/ INTEGRATED DUCTILE IRON FRAME & GRATE
RIM = 178.75 (FLUSH)
INV. IN = 175.25 (6" HDPE N-12) (CB #6)
INV. OUT = 175.25 (6" HDPE N-12) (CB #6)



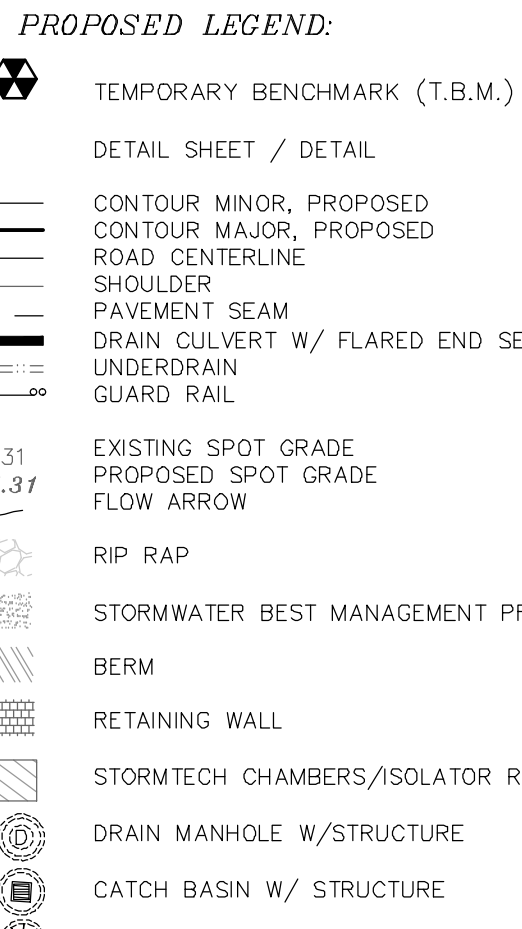
9+50 9+75 10+00 10+25 10+50 10+75 11+00 11+25 11+50 11+75 12+00 12+25 12+50 12+75 13+00 13+25 13+50 13+75 14+00 14+25 14+50

FOR TOWN APPROVAL PURPOSES:

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- EXISTING LEGEND:**
- IRON BOUND/IRON ROD (FND)
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 - STONE BOUND (FND)
 - UTILITY POLE / GUY WIRE
 - SINGLE POST SIGN
 - TEMPORARY BENCHMARK
 - WELL
 - TESTHOLE

- PROPOSED LEGEND:**
- TEMPORARY BENCHMARK (T.B.M.)
 - DETAIL SHEET / DETAIL
 - CONTOUR MINOR, PROPOSED
 - CONTOUR MAJOR, PROPOSED
 - ROAD CENTERLINE
 - SHOULDER
 - PAVEMENT SEAM
 - DRAIN CULVERT W/ FLARED END SECTION (F.E.S.)
 - UNDERDRAIN
 - GUARD RAIL
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 - RETAINING WALL
 - STORMTECH CHAMBERS/ISOLATOR ROW
 - DRAIN MANHOLE W/ STRUCTURE
 - CATCH BASIN W/ STRUCTURE
 - STORMWATER BMP OUTLET STRUCTURE



REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

PLAN & PROFILE CIRCULATION 9+50 TO END

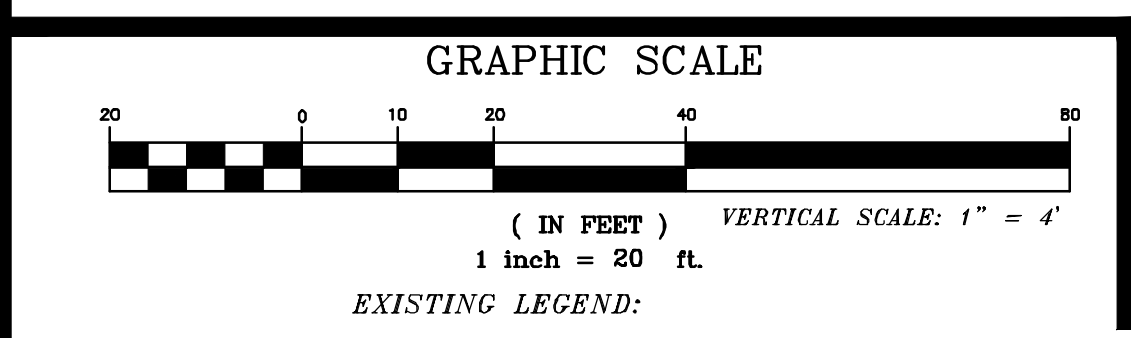
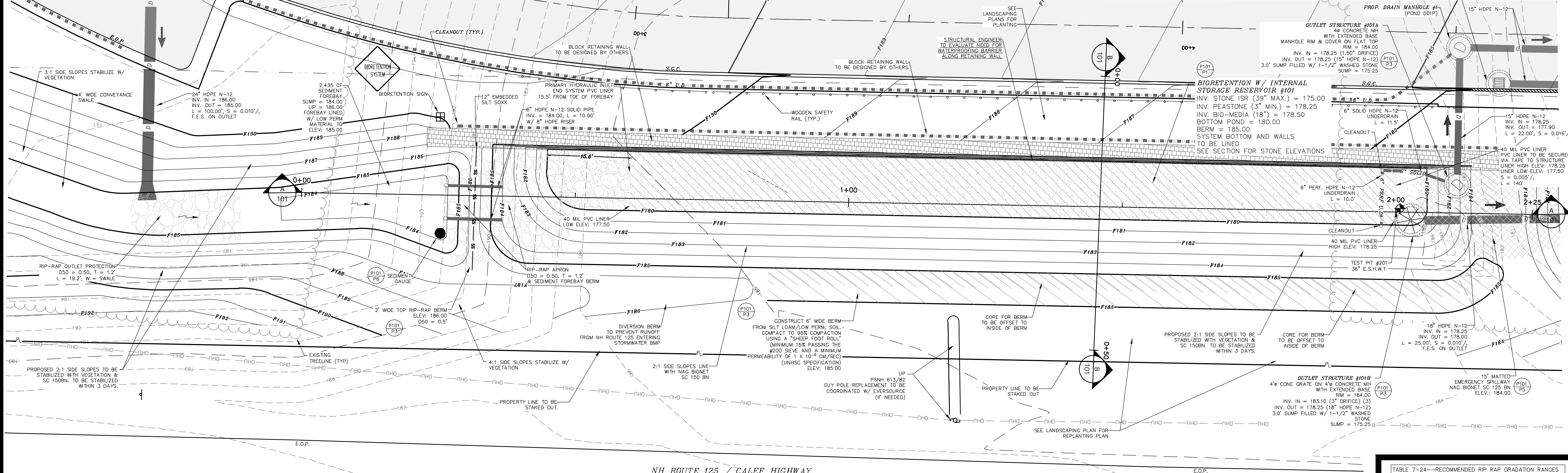
FOR TURBOCAM, INC.
LAND OF
NHBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 20 FT.
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023 - 017

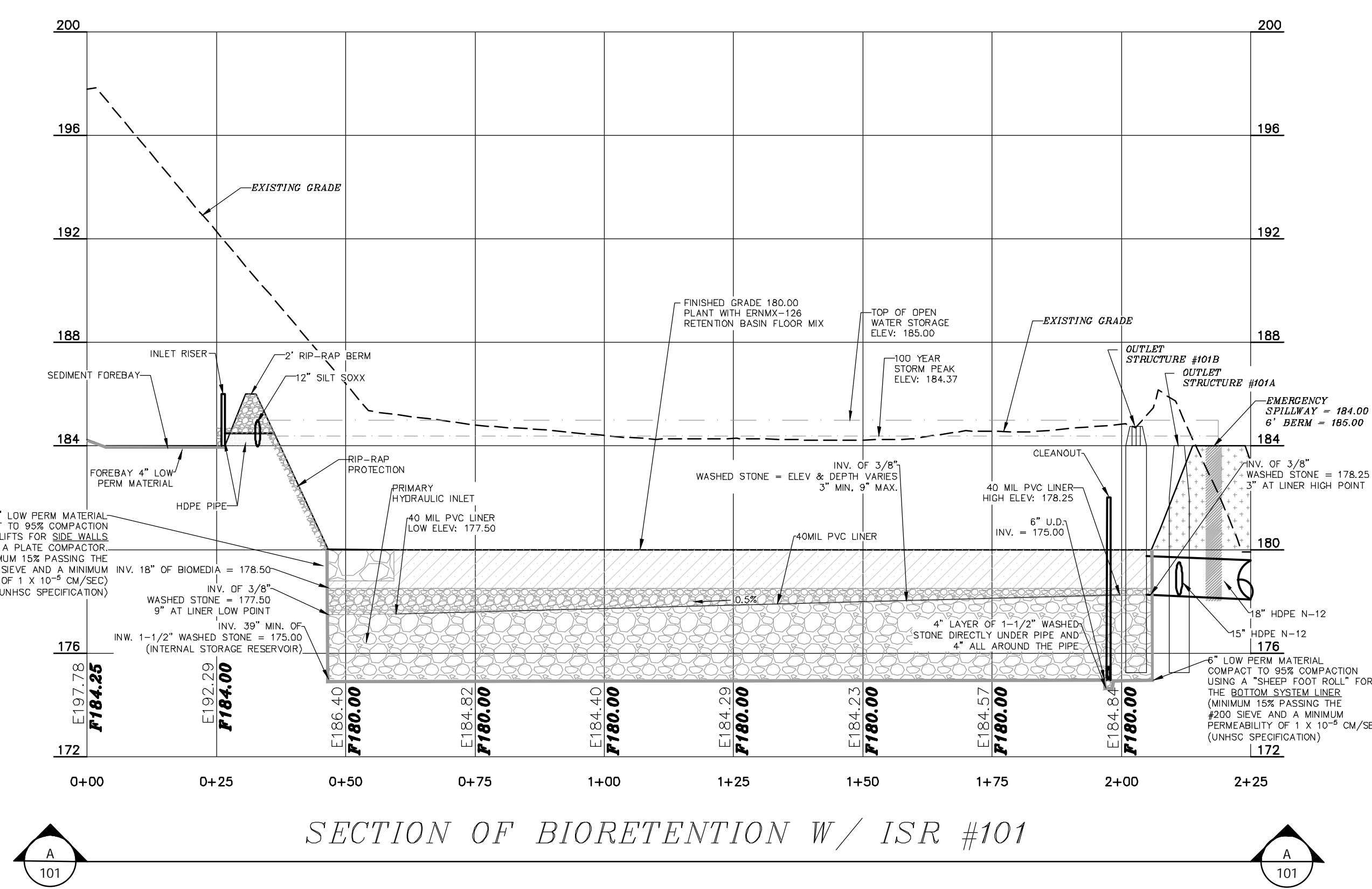
KENNETH A. BERRY
No. 14243
PROFESSIONAL ENGINEER

SHEET 15 OF 51

PLAN VIEW BIORETENTION W/ ISR #101



- EXISTING LEGEND:**
- IRON BOUND/IRON ROD (FND)
 - IRON PIPE (FND)
 - STONE BOUND (FND)
 - UTILITY POLE / GUY WIRE
 - SINGLE POST SIGN
 - TEMPORARY BENCHMARK
 - WELL
 - TESTHOLE
 - PERIMETER BOUNDARY LINE
 - EXISTING CONSERVATION EASEMENT LINE
 - BUILDING SETBACK LINE
 - NHDES PROTECTIVE WELL RADIUS
 - OVERHEAD UTILITIES
 - EXISTING CONTOUR MINOR
 - EXISTING CONTOUR MAJOR
 - POORLY DRAINED WETLAND LINE
 - VERY POORLY DRAINED WETLAND LINE
 - 50' WETLAND BUFFER LINE
 - TREE LINE
 - FND FOUND
 - TYP TYPICAL
 - S.C.R.D. STRAFFORD COUNTY REGISTER OF DEEDS
- PROPOSED LEGEND:**
- TEMPORARY BENCHMARK (T.B.M.)
 - DETAIL SHEET / DETAIL
 - F776 CONTOUR MINOR, PROPOSED
 - F775 CONTOUR MAJOR, PROPOSED
 - ROAD CENTERLINE
 - SHOULDER
 - PAVEMENT SEAM
 - DRAIN CULVERT W/ FLARED END SECTION (F.E.S.)
 - UNDERDRAIN
 - GUARD RAIL
 - E175.31 EXISTING SPOT GRADE
 - F175.31 PROPOSED SPOT GRADE
 - FLOW ARROW
 - RIP RAP
 - STORMWATER BEST MANAGEMENT PRACTICE (BMP)
 - BERM
 - RETAINING WALL
 - STORMTECH CHAMBERS/ISOLATOR ROW
 - DRAIN MANHOLE W/ STRUCTURE
 - CATCH BASIN W/ STRUCTURE
 - STORMWATER BMP OUTLET STRUCTURE



SECTION OF BIORETENTION W/ ISR #101

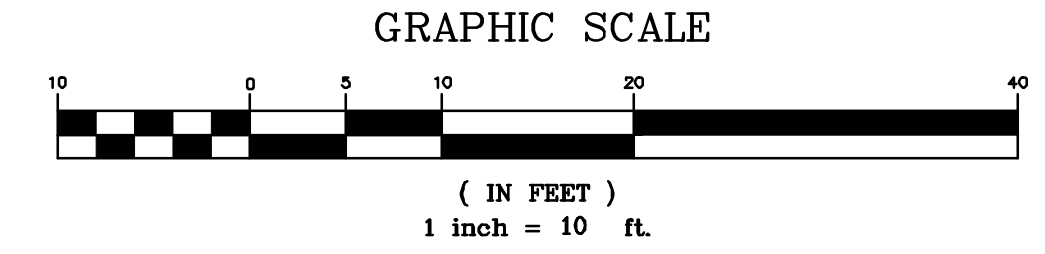
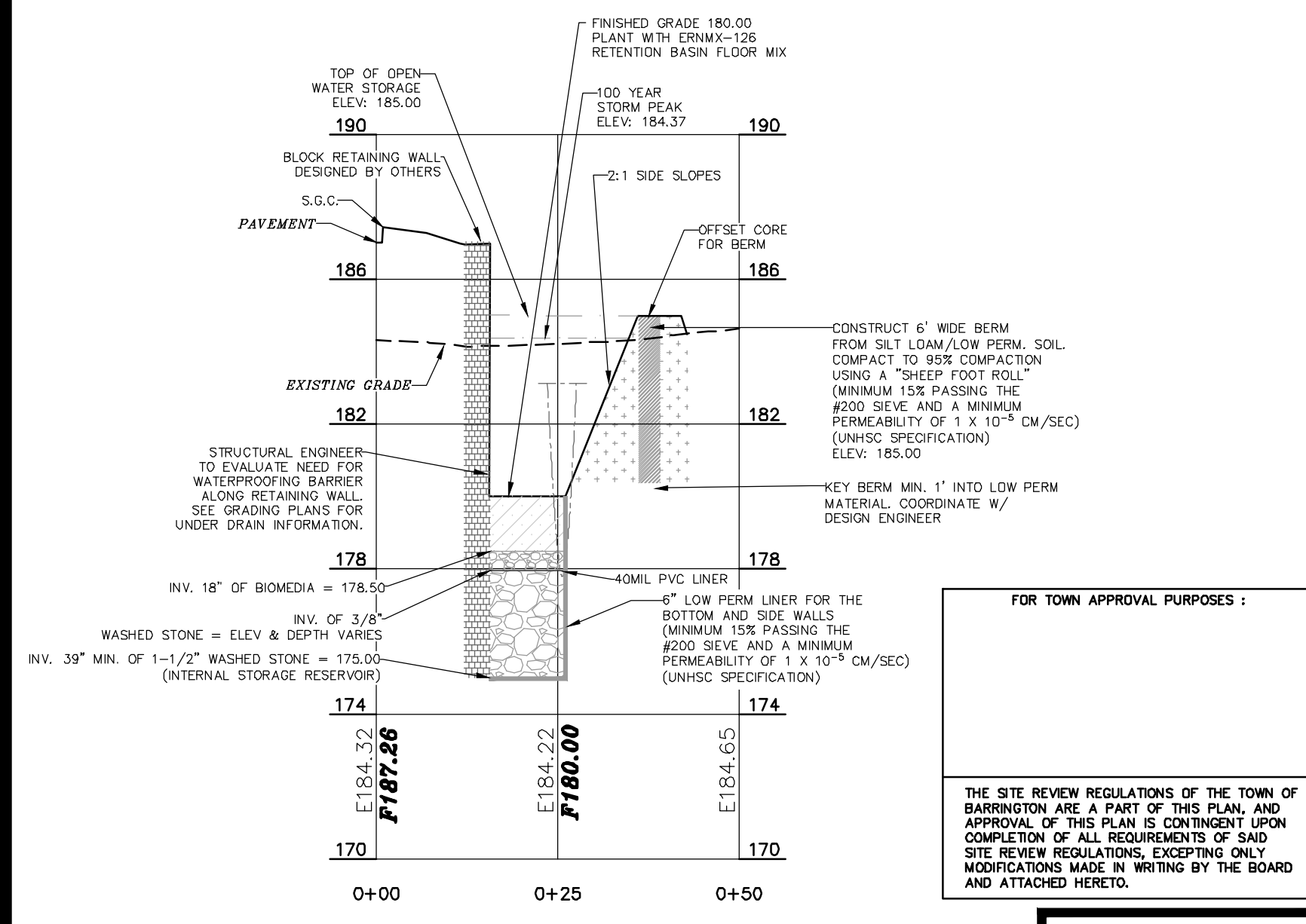


TABLE 7-24--RECOMMENDED RIP RAP GRADATION RANGES

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



SECTION OF BIORETENTION W/ ISR #101 PLAN VIEW / SECTIONS

P-101A

#1A	REVISION	DATE	DESCRIPTION
		04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

BIORETENTION W/ ISR #101 PLAN VIEW & PROFILES

FOR TURBOCAM, INC. LAND OF NHBBC, LLC
 NH ROUTE 125/CALEF HIGHWAY
 BARRINGTON, N.H.
 TAX MAP 23B, LOT 44-1

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

SCALE: AS SHOWN
 DATE: FEBRUARY 5, 2024
 FILE NO.: DB 2023 - 017

FOR TOWN APPROVAL PURPOSES:
 THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

KENNETH A. BERRY
 No. 14243
 PROFESSIONAL ENGINEER

SHEET 16 OF 51

UNH STORMWATER CENTER SPECIFICATIONS
ACCEPTABLE PARTICLE SIZE DISTRIBUTION OF FINAL BIORETENTION SOIL MIX

MEDIA TYPE	SIEVE #	SIZE (IN)	% PASSING
COURSE SAND	4	0.187	100
MEDIUM SAND	10	0.075	95
FINE SAND	40	0.017	15-40
SILTS	200	0.003	10-20
CLAYS	<200	PAN	0-5

3/8" WASHED CRUSHED STONE*

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

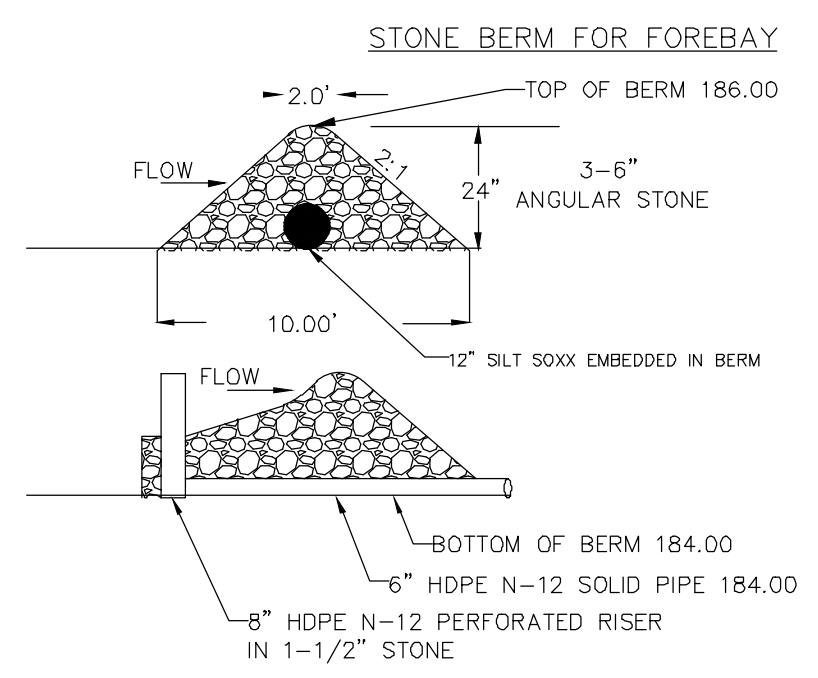
* EQUIVALENT TO STANDARD WASHED STONE - SECTION 702 OF NHDOT STANDARD SPECIFICATIONS

1-1/2" WASHED CRUSHED STONE*

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

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

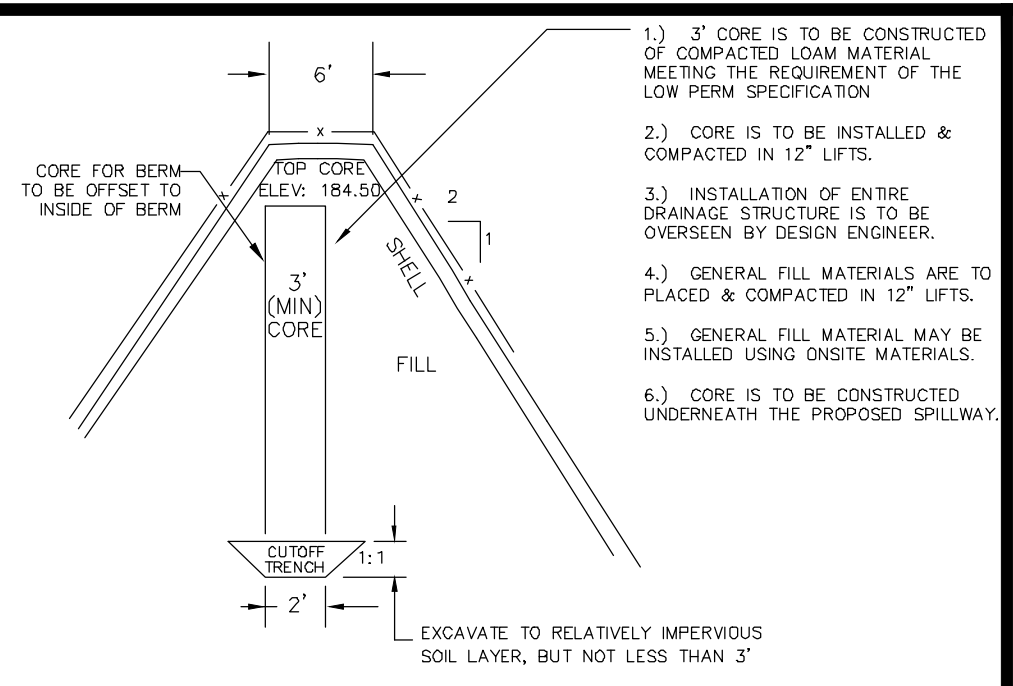
P1



P2 P3

LOW PERMEABILITY MATERIAL GRADATION

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



BIORETENTION W/ISR BERM CONSTRUCTION
NOT TO SCALE

BIORETENTION SOIL MEDIA COMPONENTS
-AMOUNTS MIXED BY TOTAL VOLUME
*60-85% SAND
*15-25% LOAM OR TOPSOIL
*3-8% ORGANIC MATTER
*5% WATER TREATMENT RESIDUALS OR 0.5% IRON FILINGS

WATER TREATMENT RESIDUALS OR IRON FILINGS ARE REQUIRED DUE TO THE CLASS "A" RECEIVING WATERS

REFER TO THE "UNHSC STANDARD DETAIL, BIORETENTION ISR STORMWATER SYSTEM", FEBRUARY 2020 FOR FURTHER PUBLISHED GENERAL CONSTRUCTION GUIDELINES

DESIGN REFERENCES

1 UNH STORMWATER CENTER.
<https://scholars.unh.edu/stormwater/73/>

STABILIZATION NOTE:
SEE NOTE #6, SHEET E-102, DETAIL E-18
SIDE SLOPES ARE TO BE STABILIZED WITHIN THREE WORKING DAY UPON COMPLETION OF FINAL GRADE.

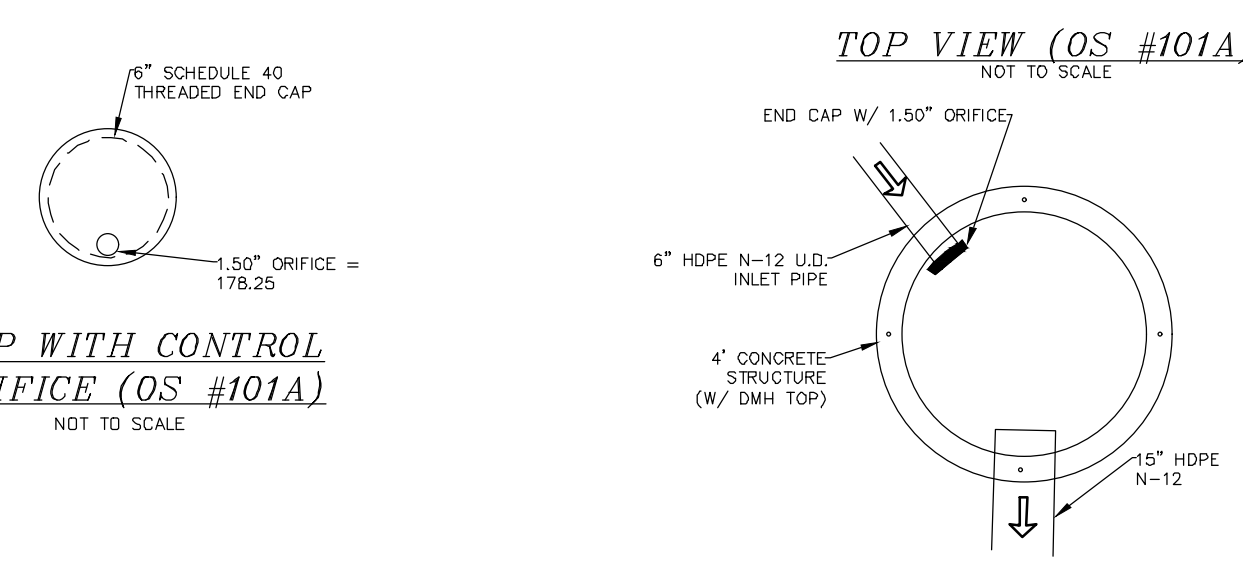
CONSTRUCTION NOTE: THE DESIGN ENGINEER IS TO BE ON SITE PRIOR TO AND DURING THE PLACEMENT OF THE RESERVOIR STONE, AND TO WITNESS THE INSTALLATION OF THE UNDER-DRAIN AND LINER. PLEASE PROVIDE 48 HOURS NOTICE PRIOR TO REQUESTED INSPECTION.

PVC LINER TO BE 40 TO 60 MIL, PREFERABLY SEAMLESS. IF SEAMS ARE UNAVOIDABLE, THE SEAMS SHOULD BE SEALED

BIORETENTION W/ISR CONSTRUCTION SPECIFICATIONS

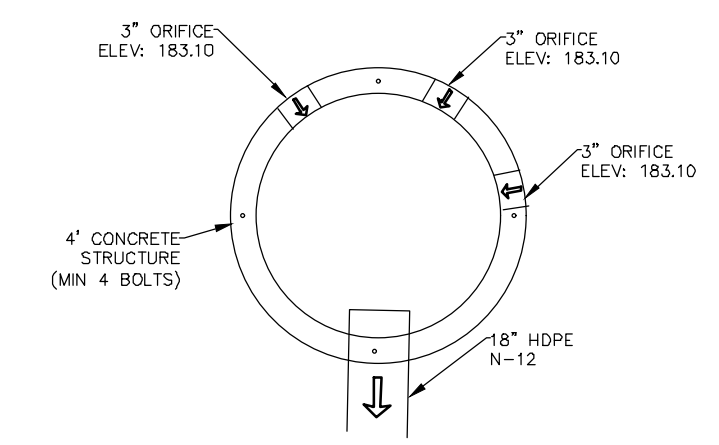
BIORETENTION W/ISR STRUCTURES & DETAILS
NOT TO SCALE

P4

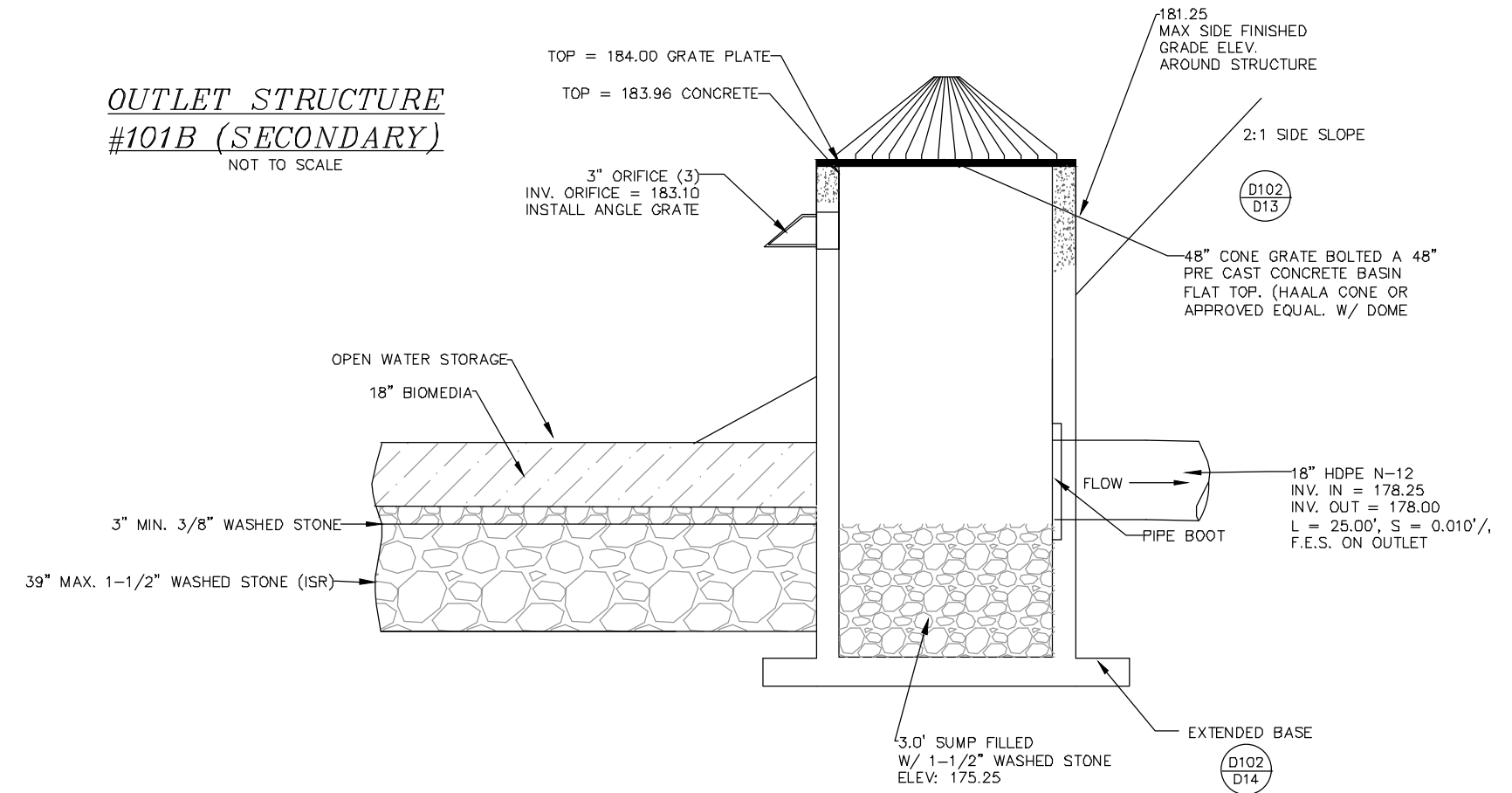


CAP WITH CONTROL ORIFICE (OS #101A)
NOT TO SCALE

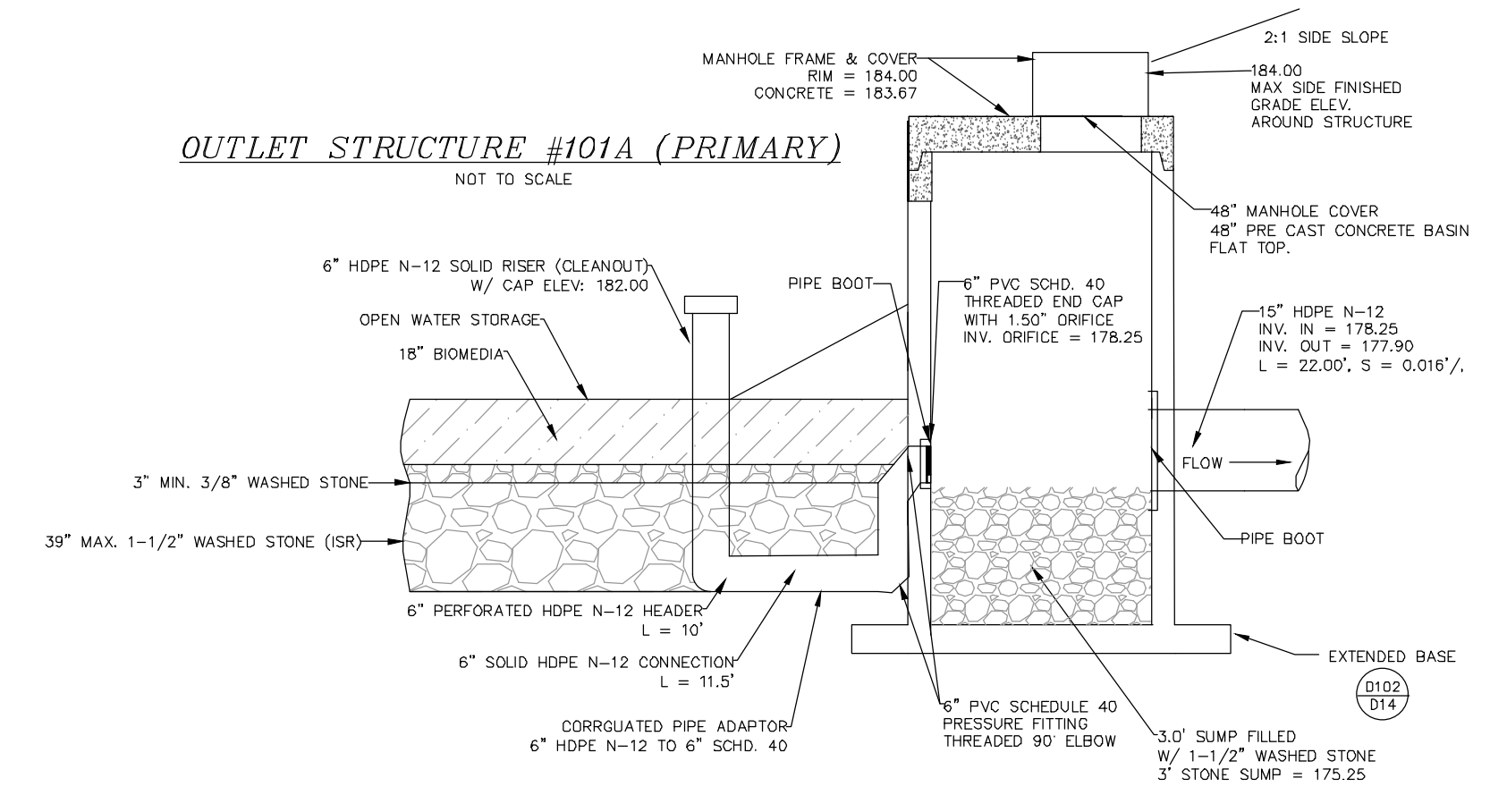
TOP VIEW (OS #101B)
NOT TO SCALE



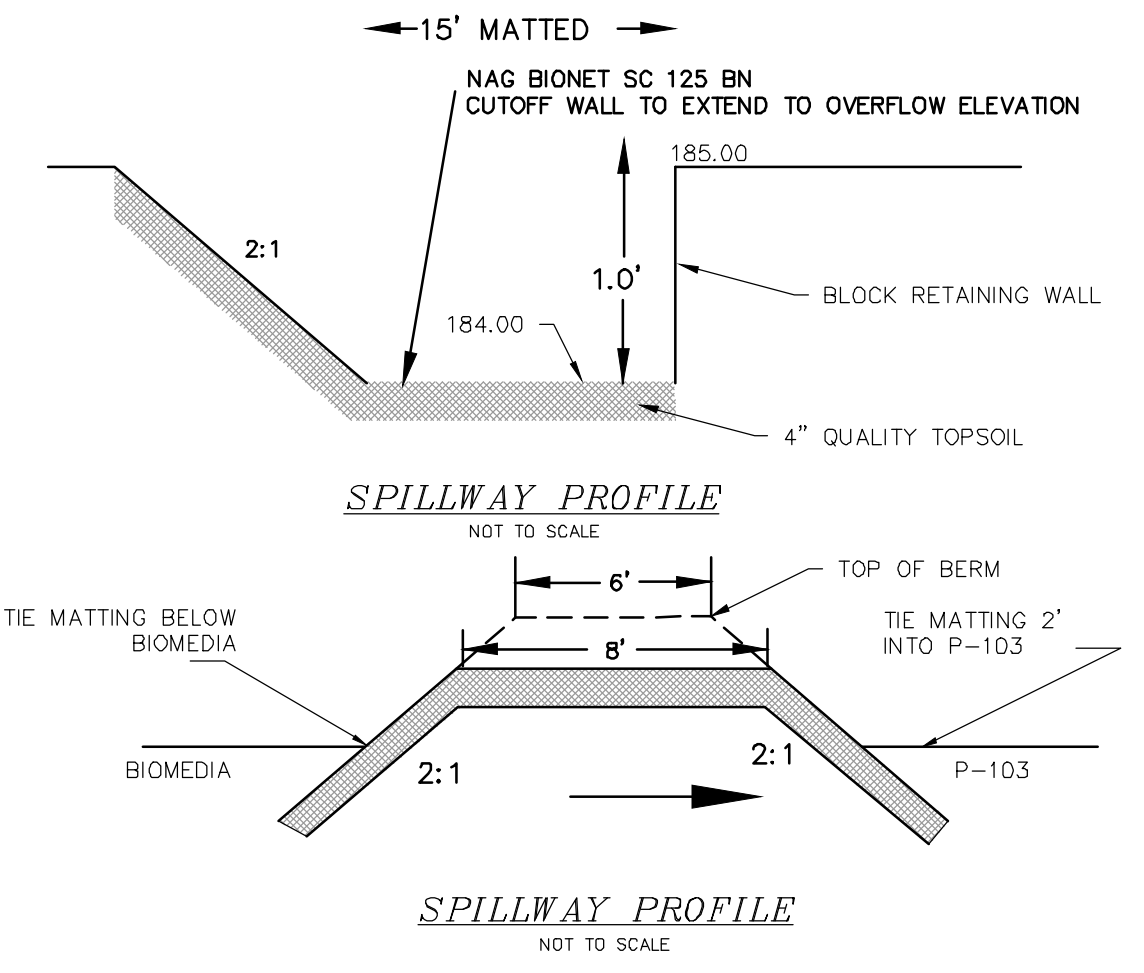
OUTLET STRUCTURE #101B (SECONDARY)
NOT TO SCALE



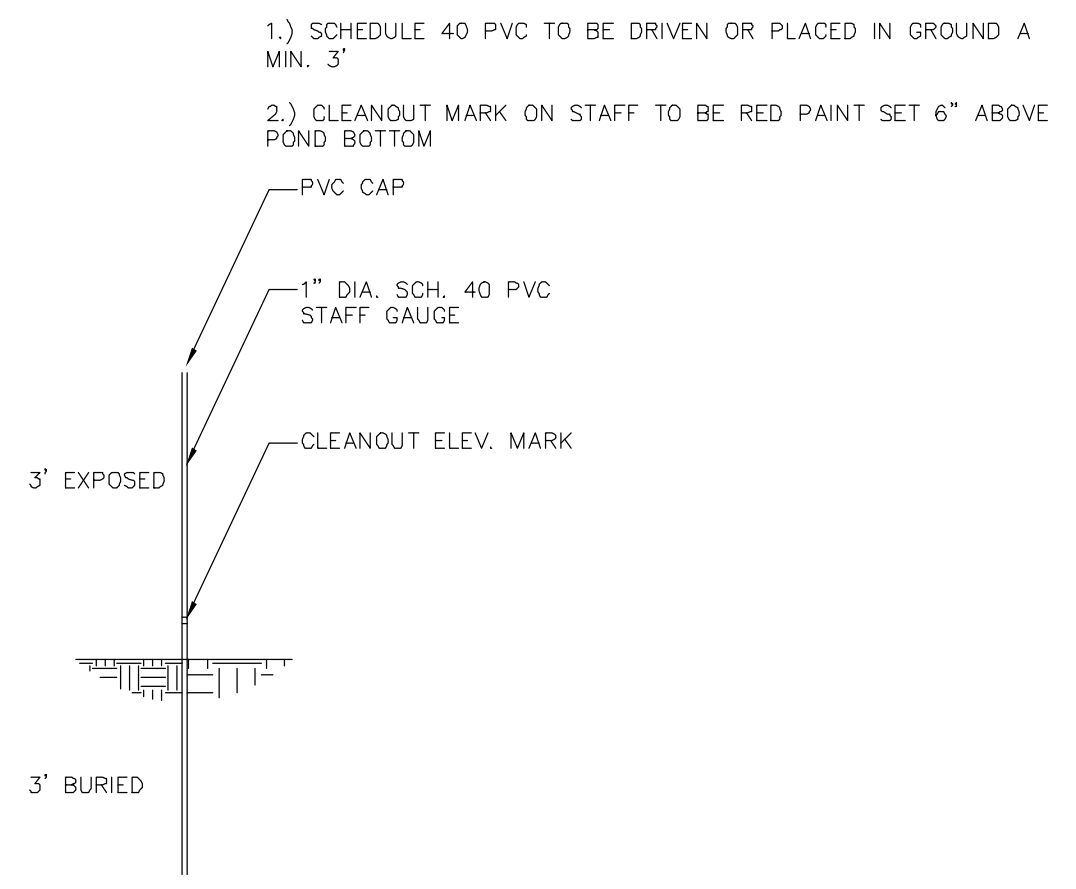
OUTLET STRUCTURE #101A (PRIMARY)
NOT TO SCALE



P5



SEDIMENT FORBAY GAUGE DETAIL P6



FOR TOWN APPROVAL PURPOSES :

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

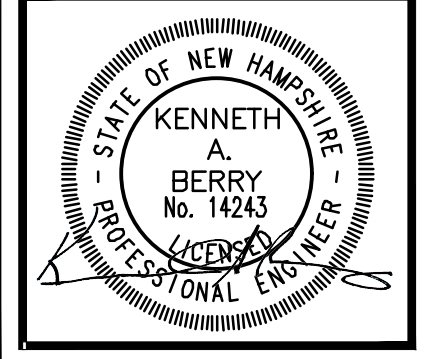
DETAILS

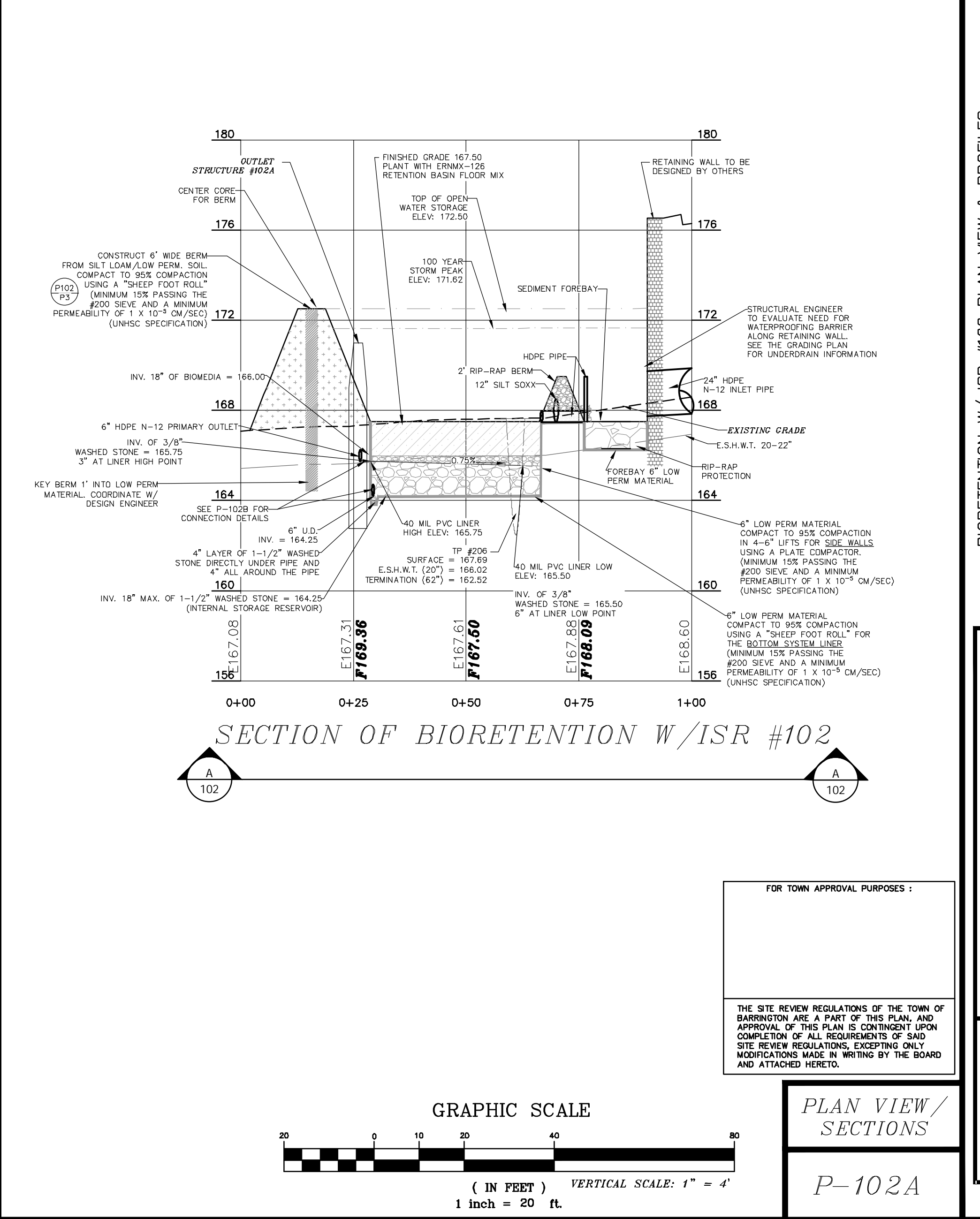
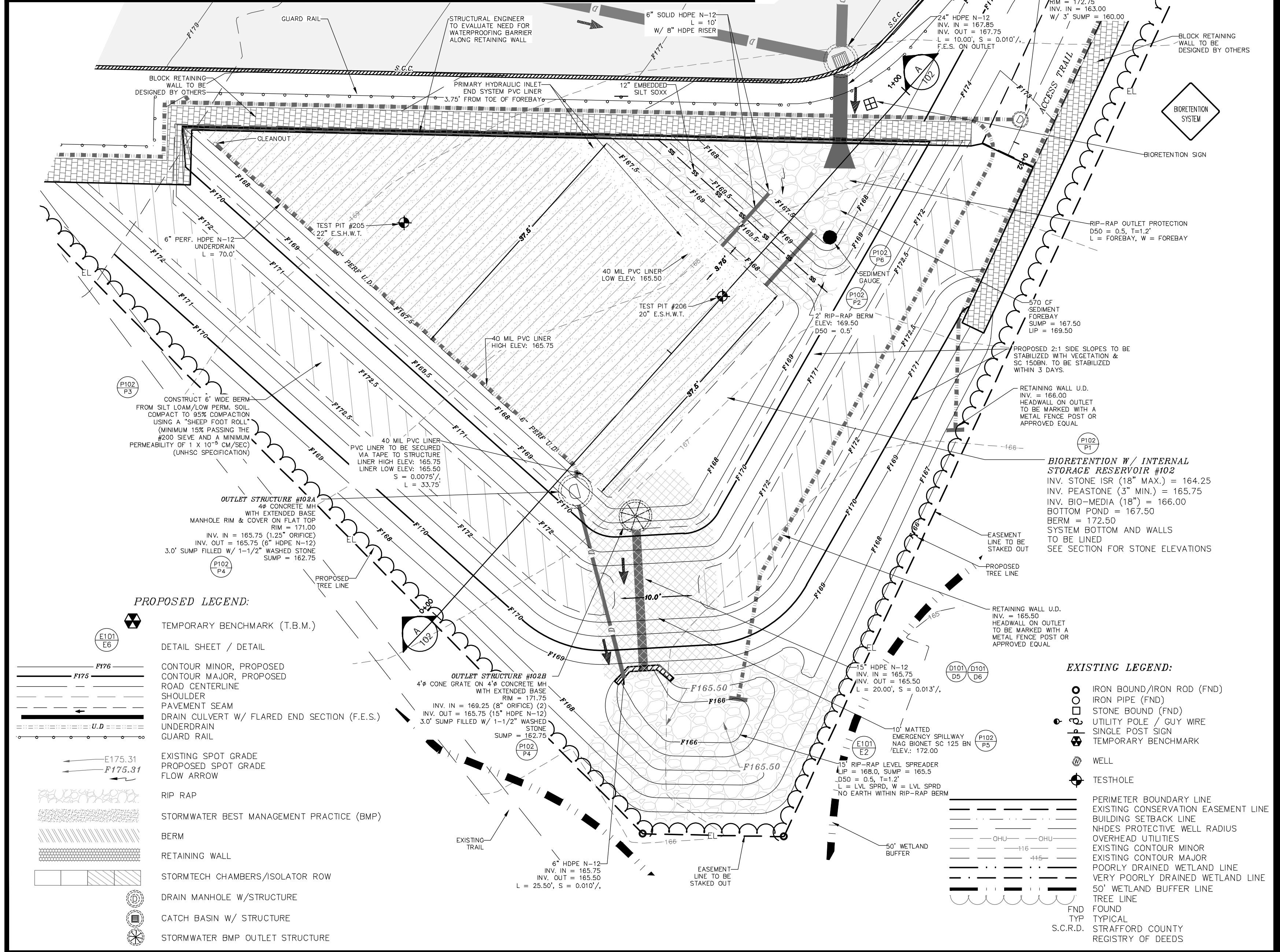
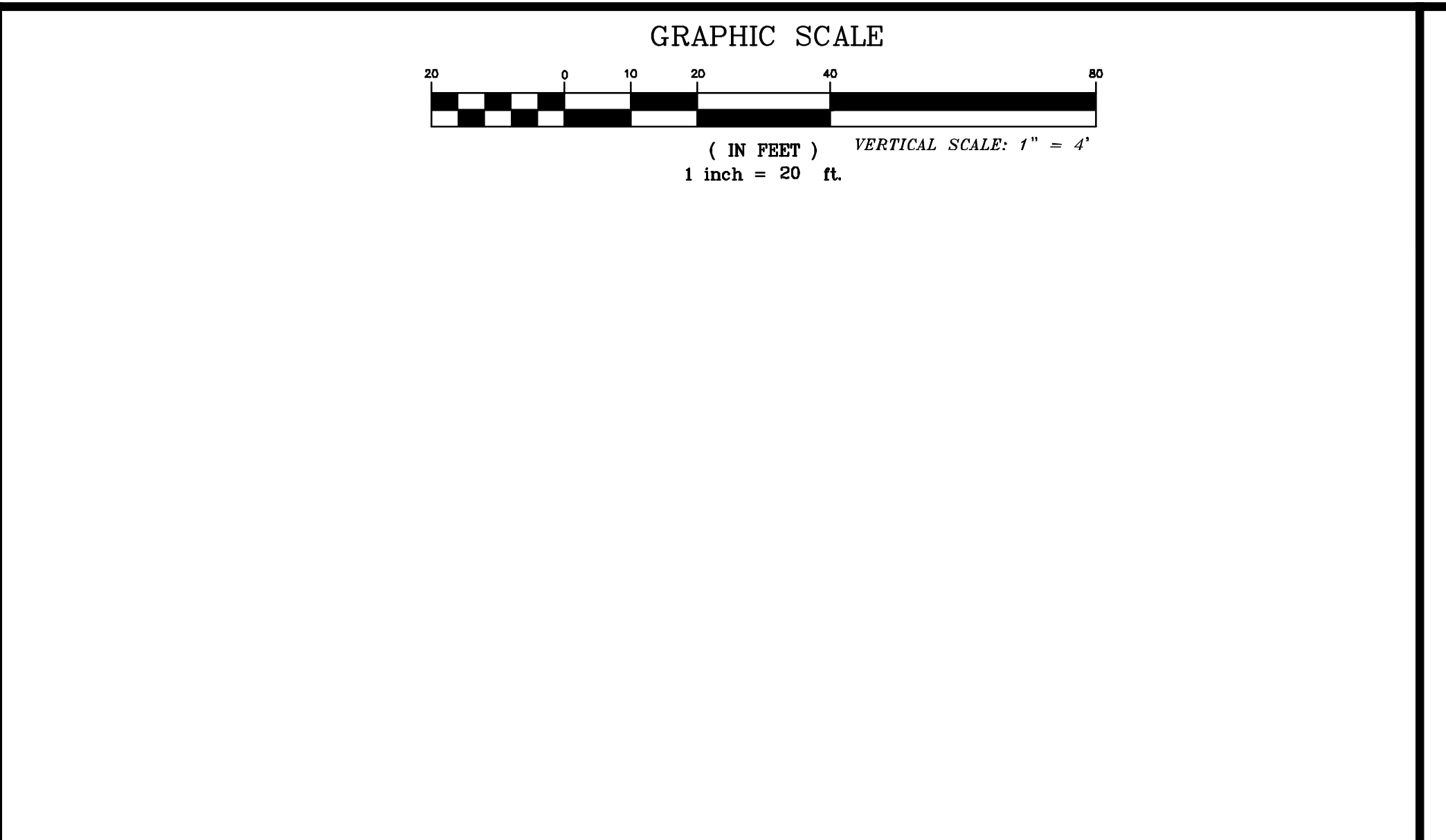
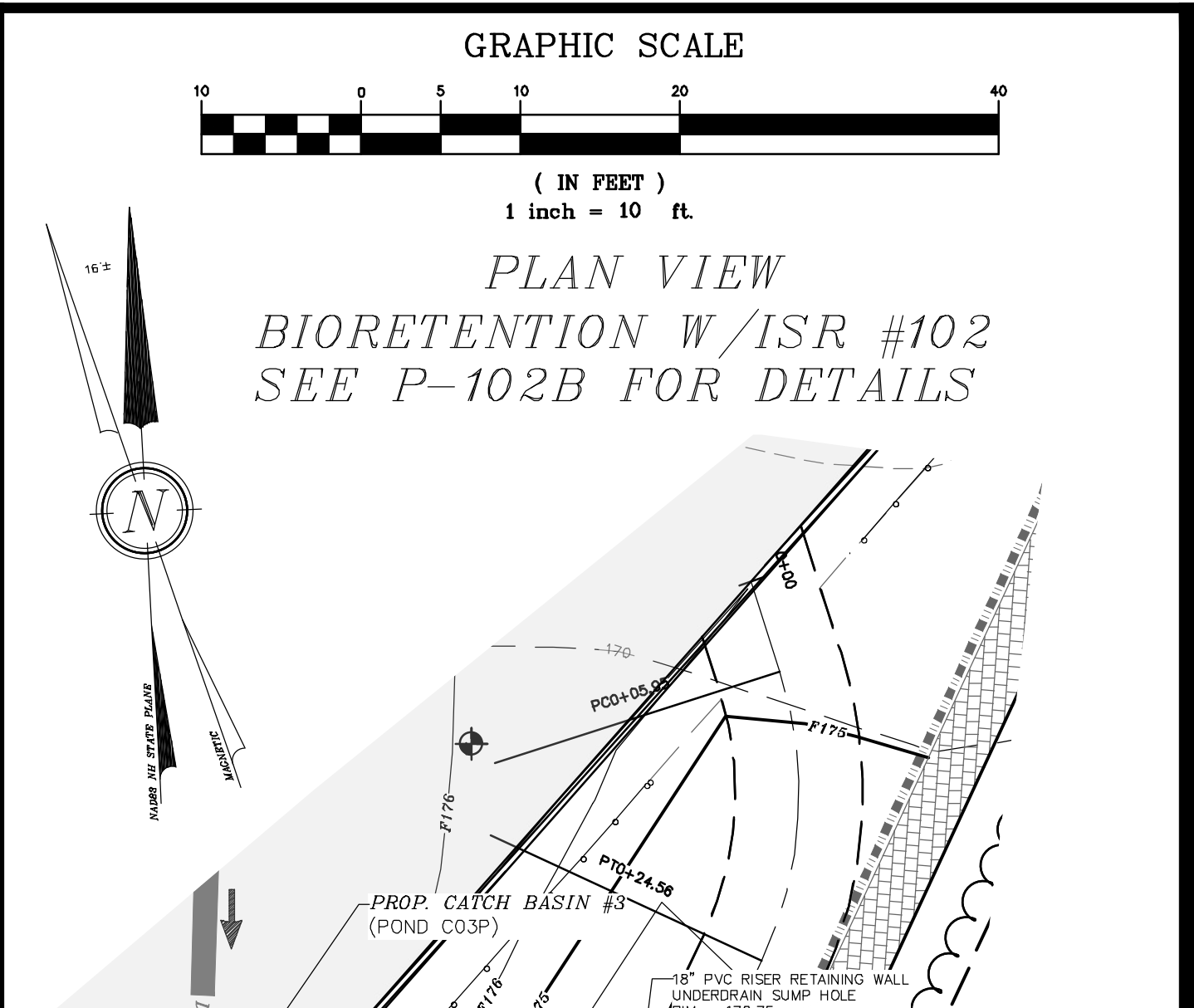
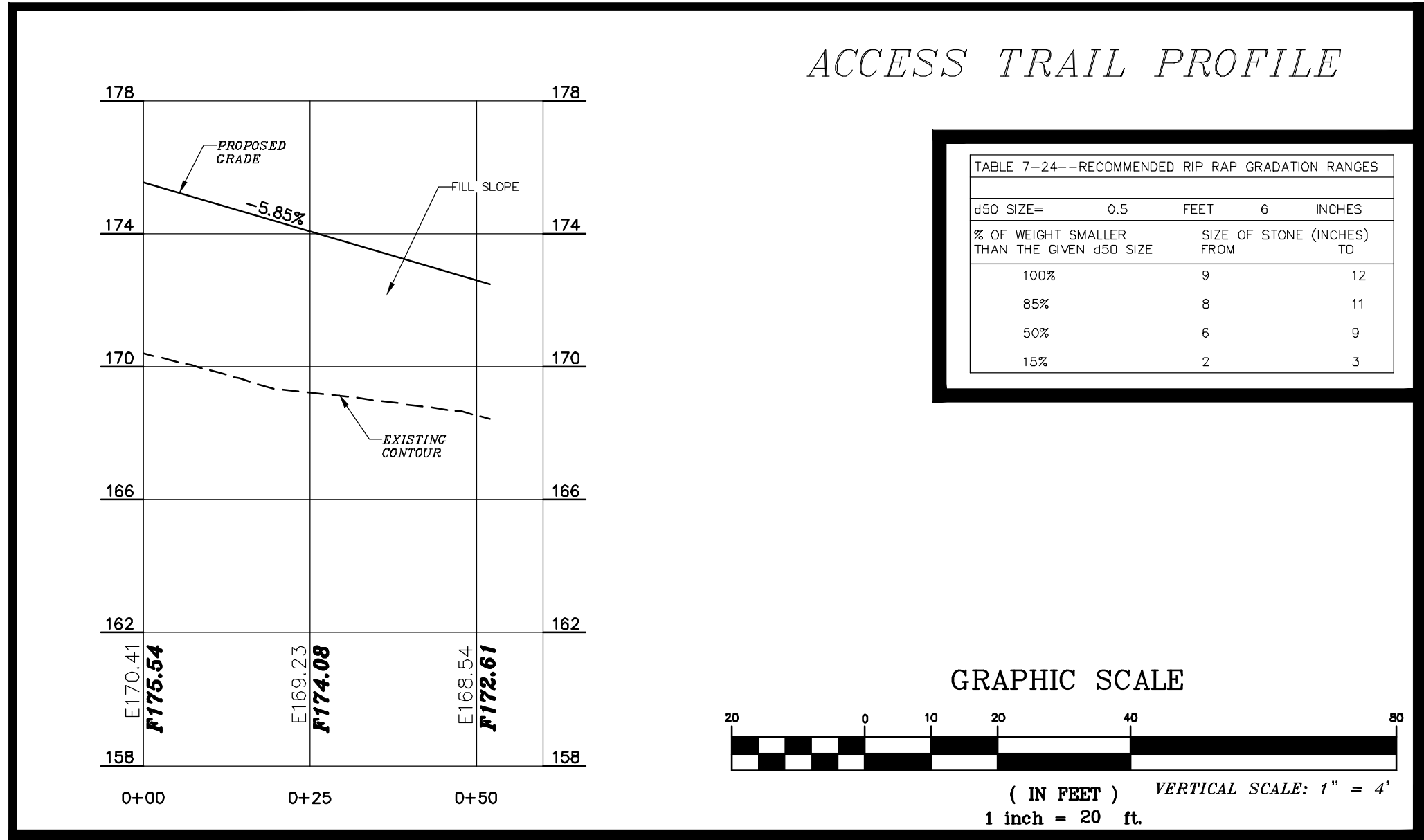
P-101B

BIORETENTION W/ISR #101 DETAILS

FOR TURBOCAM, INC.
LAND OF NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 23B, LOT 4-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : N/A
DATE : FEBRUARY 5, 2024
FILE NO. : DB 2023 - 017





REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

BIORETENTION W/ ISR #102 PLAN VIEW & PROFILES

FOR TURBOCAM, INC.
LAND OF
NHBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 23B, LOT 44-1

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

SCALE: AS SHOWN
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023-017

KENNETH A. BERRY
No. 14243
PROFESSIONAL ENGINEER

SHEET 18 OF 51

UNH STORMWATER CENTER SPECIFICATIONS
ACCEPTABLE PARTICLE SIZE DISTRIBUTION OF FINAL BIORETENTION SOIL MIX

MEDIA TYPE	SIEVE #	SIZE (IN)	% PASSING
COURSE SAND	4	0.187	100
MEDIUM SAND	10	0.075	95
FINE SAND	40	0.017	15-40
SILTS	200	0.003	10-20
CLAYS	<200	PLAN	0-5

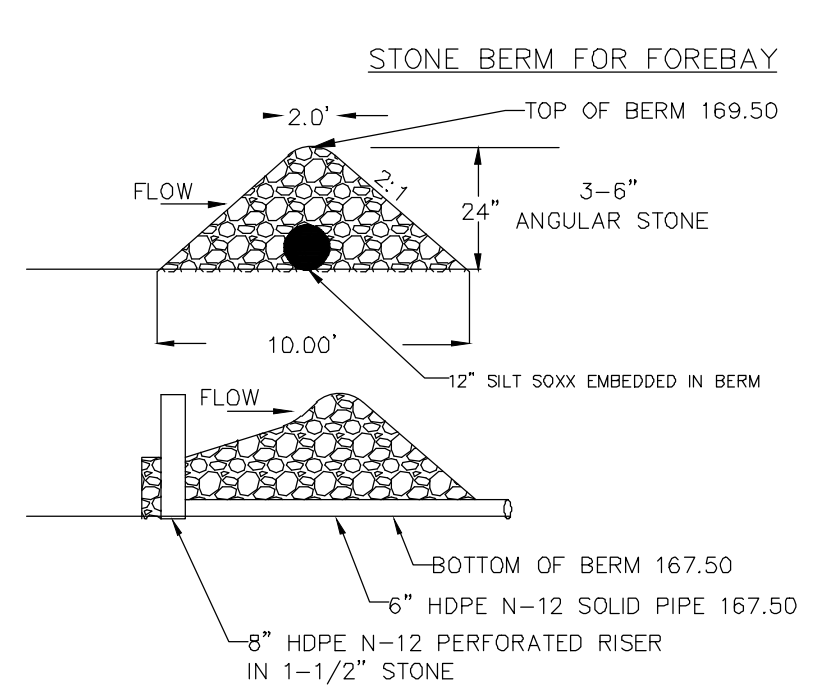
3/8" WASHED CRUSHED STONE*

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

1-1/2" WASHED CRUSHED STONE*

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

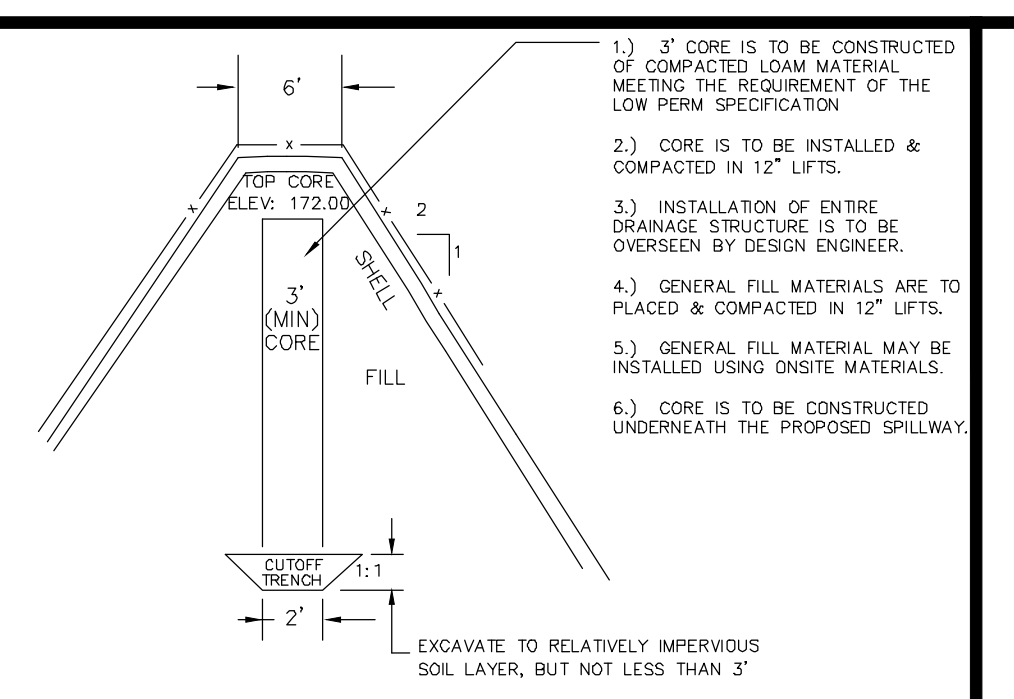
P1



P2 P3

LOW PERMEABILITY MATERIAL GRADATION

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



BIORETENTION W/ ISR BERM CONSTRUCTION
NOT TO SCALE

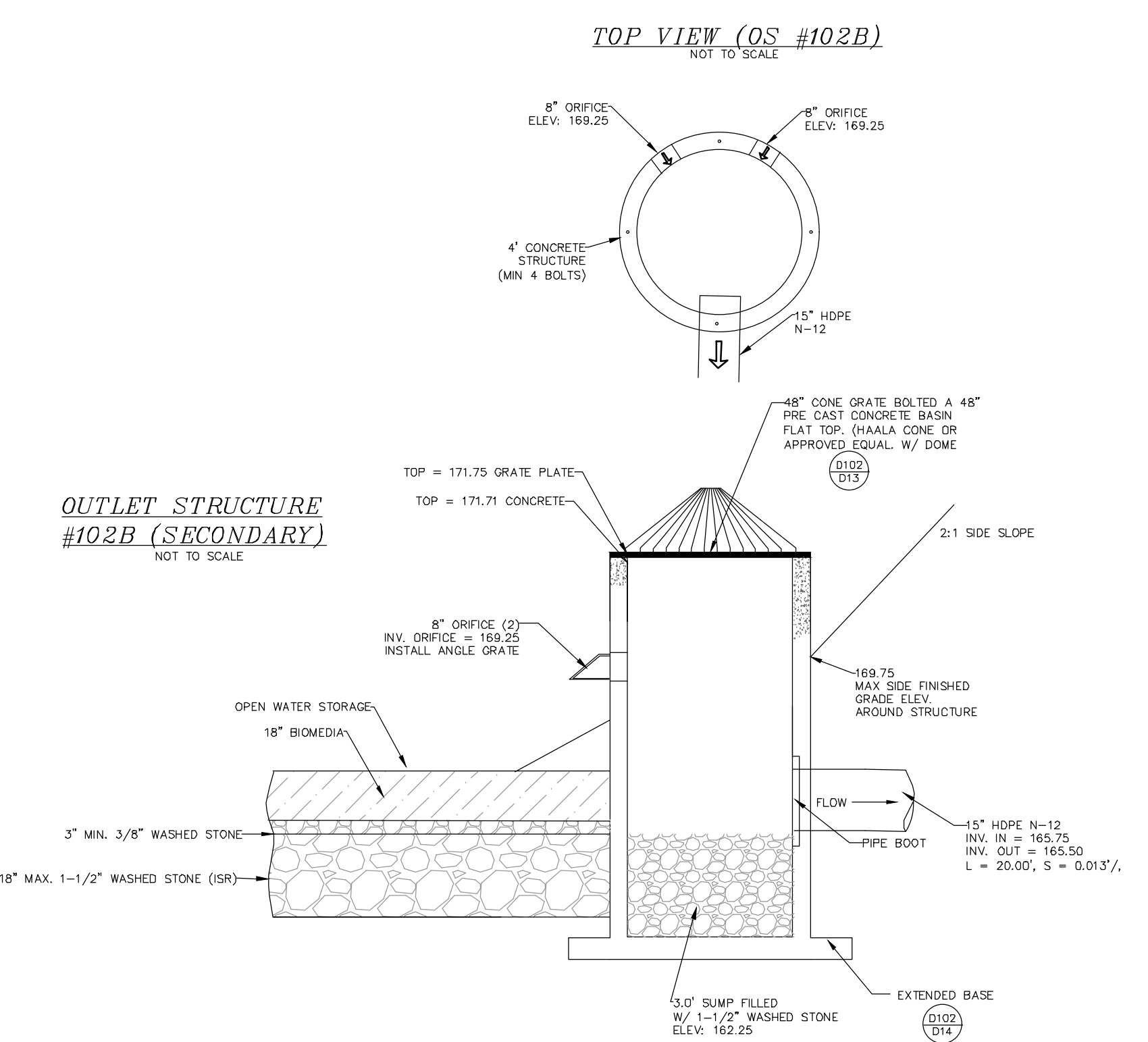
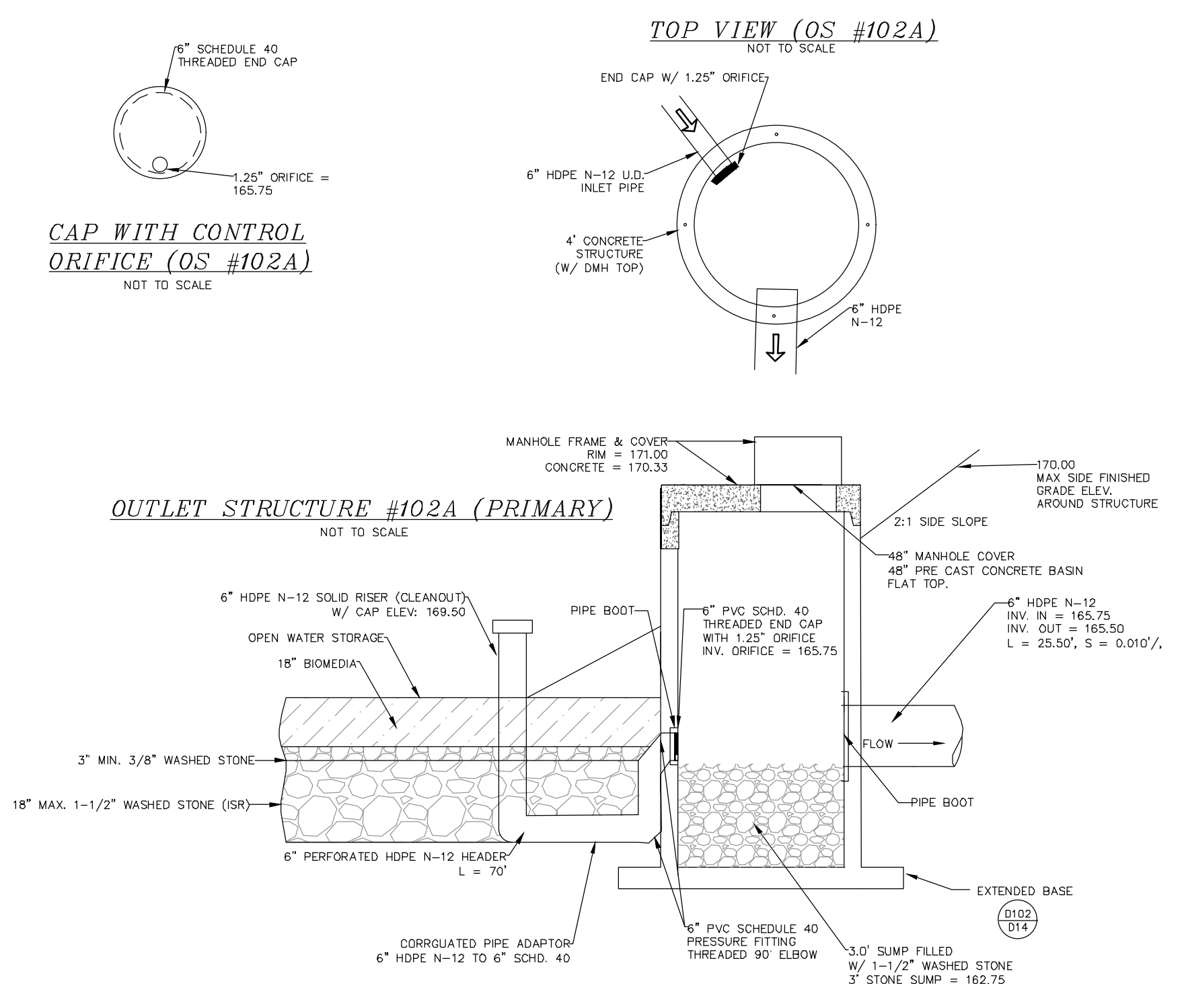
BIORETENTION SOIL MEDIA COMPONENTS
- AMOUNTS MIXED BY TOTAL VOLUME
*60-85% SAND
*15-25% LOAM OR TOPSOIL
*3-8% ORGANIC MATTER
*5% WATER TREATMENT RESIDUALS OR 0.5% IRON FILINGS
WATER TREATMENT RESIDUALS OR IRON FILINGS ARE REQUIRED DUE TO THE CLASS "A" RECEIVING WATERS
REFER TO THE UNHSC STANDARD DETAIL, BIORETENTION ISR STORMWATER SYSTEM, FEBRUARY 2020 FOR FURTHER PUBLISHED GENERAL CONSTRUCTION GUIDELINES
DESIGN REFERENCES
1 UNH STORMWATER CENTER.
<https://scholars.unh.edu/stormwater/73/>

STABILIZATION NOTE:
SEE NOTE #6, SHEET E-102, DETAIL E-18
SIDE SLOPES ARE TO BE STABILIZED WITHIN THREE WORKING DAY UPON COMPLETION OF FINAL GRADE.
CONSTRUCTION NOTE: THE DESIGN ENGINEER IS TO BE ON SITE PRIOR TO AND DURING THE PLACEMENT OF THE RESERVOIR STONE, AND TO WITNESS THE INSTALLATION OF THE UNDER-DRAIN AND LINER. PLEASE PROVIDE 48 HOURS NOTICE PRIOR TO REQUESTED INSPECTION.
PVC LINER TO BE 40 TO 60 MIL. THE SEAMS SHALL BE SEALED
TESTING TO DETERMINE HYDRAULIC CONDUCTIVITY AND NEED FOR BOTTOM/SIDE SYSTEM LINER TO BE DETERMINED DURING CONSTRUCTION PROCESS.

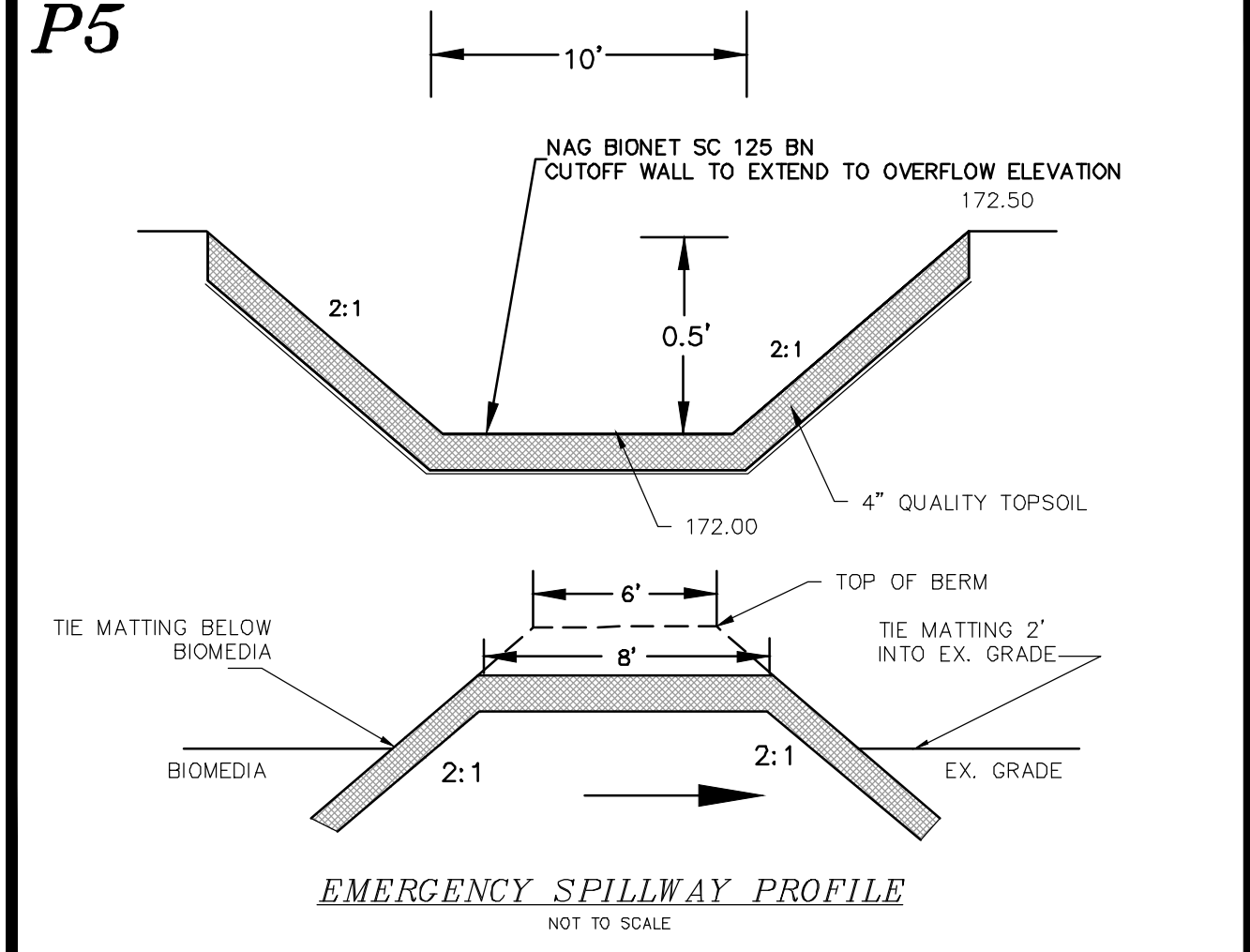
BIORETENTION W/ ISR CONSTRUCTION SPECIFICATIONS

BIORETENTION W/ ISR STRUCTURES & DETAILS
NOT TO SCALE

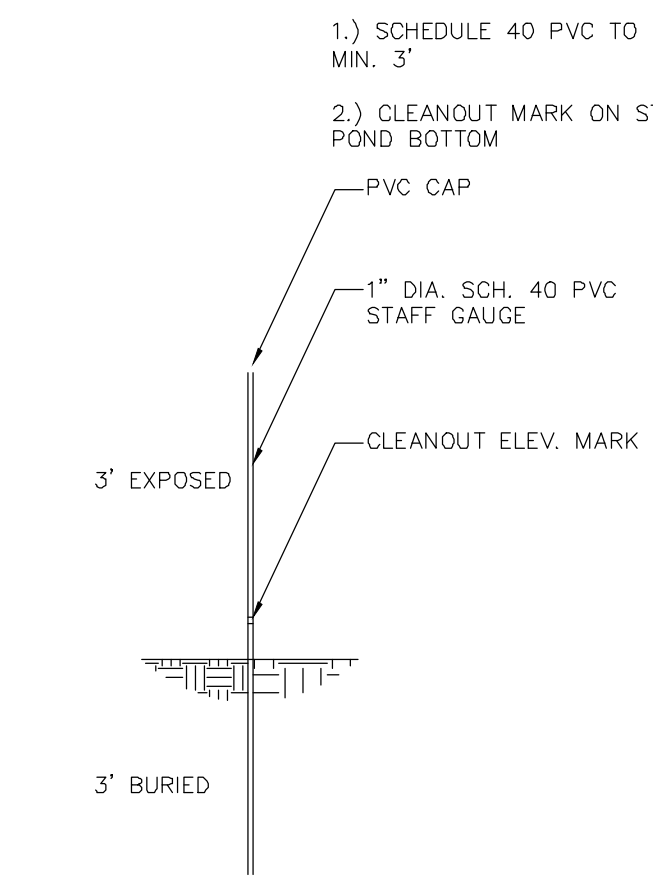
P4



P5



P6
SEDIMENT FORBAY GAUGE DETAIL



BIORETENTION W/ ISR #102 DETAILS

REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

FOR
TURBOCAM, INC.
LAND OF
NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 23B, LOT 4-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : N/A
DATE : FEBRUARY 5, 2024
FILE NO. : DB 2023 - 017

FOR TOWN APPROVAL PURPOSES :

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

KENNETH A. BERRY
No. 14243
LICENSED PROFESSIONAL ENGINEER

DETAILS
P-102B

EXISTING LEGEND:

- IRON BOUND/IRON ROD (FND)
- IRON PIPE (FND)
- STONE BOUND (FND)
- UTILITY POLE / GUY WIRE
- SINGLE POST SIGN
- TEMPORARY BENCHMARK
- WELL
- TESTHOLE
- PERIMETER BOUNDARY LINE
- EXISTING CONSERVATION EASEMENT LINE
- BUILDING SETBACK LINE
- NHDES PROTECTIVE WELL RADIUS
- OVERHEAD UTILITIES
- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- POORLY DRAINED WETLAND LINE
- VERY POORLY DRAINED WETLAND LINE
- 50' WETLAND BUFFER LINE
- TREE LINE
- FOUND
- TYP
- S.C.R.D.
- STRAFFORD COUNTY
- REGISTRY OF DEEDS

PROPOSED LEGEND:

- TEMPORARY BENCHMARK (T.B.M.)
- DETAIL SHEET / DETAIL
- CONTOUR MINOR, PROPOSED
- CONTOUR MAJOR, PROPOSED
- ROAD CENTERLINE
- SHOULDER
- PAVEMENT SEAM
- DRAIN CULVERT W/ FLARED END SECTION (F.E.S.)
- UNDERDRAIN
- GUARD RAIL
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- PROPOSED SPOT GRADE
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- STORMWATER BEST MANAGEMENT PRACTICE (BMP)
- BERM
- RETAINING WALL
- STORMTECH CHAMBERS/ISOLATOR ROW
- DRAIN MANHOLE W/STRUCTURE
- CATCH BASIN W/ STRUCTURE
- STORMWATER BMP OUTLET STRUCTURE

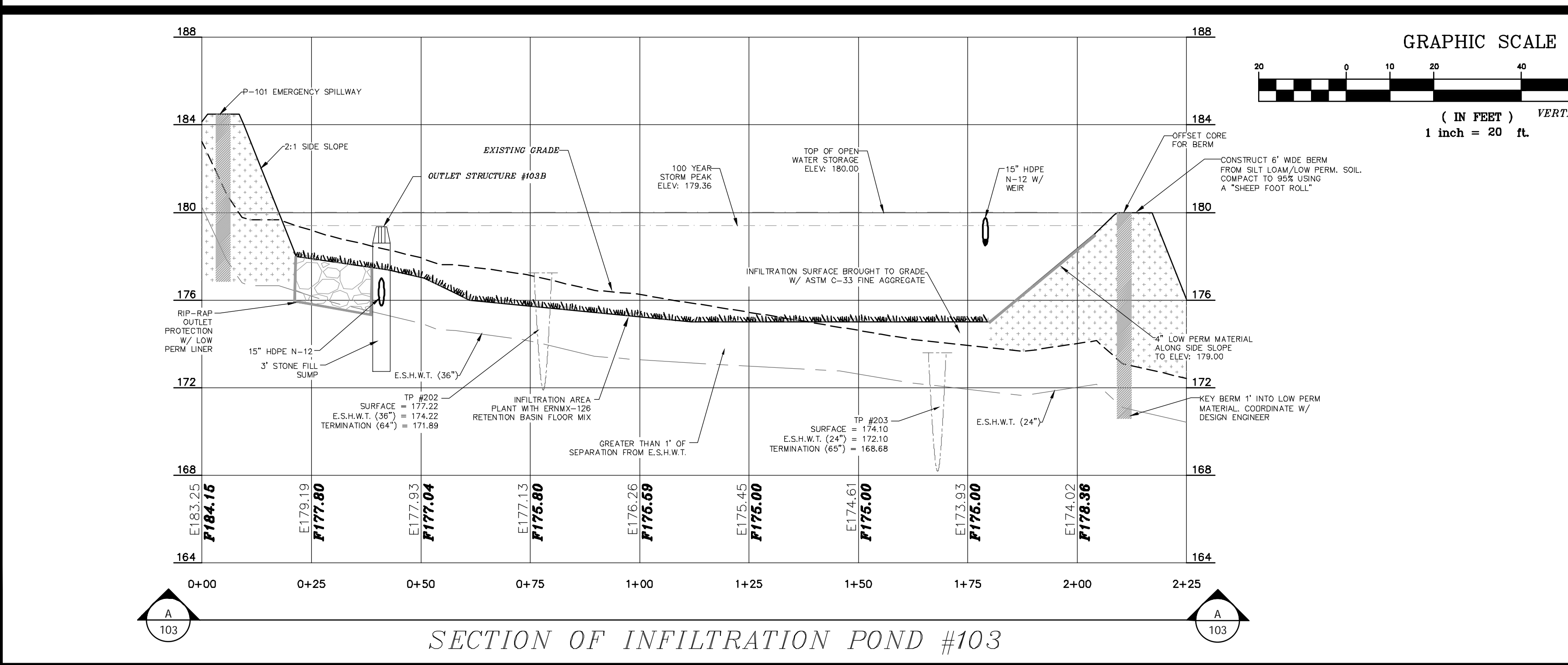
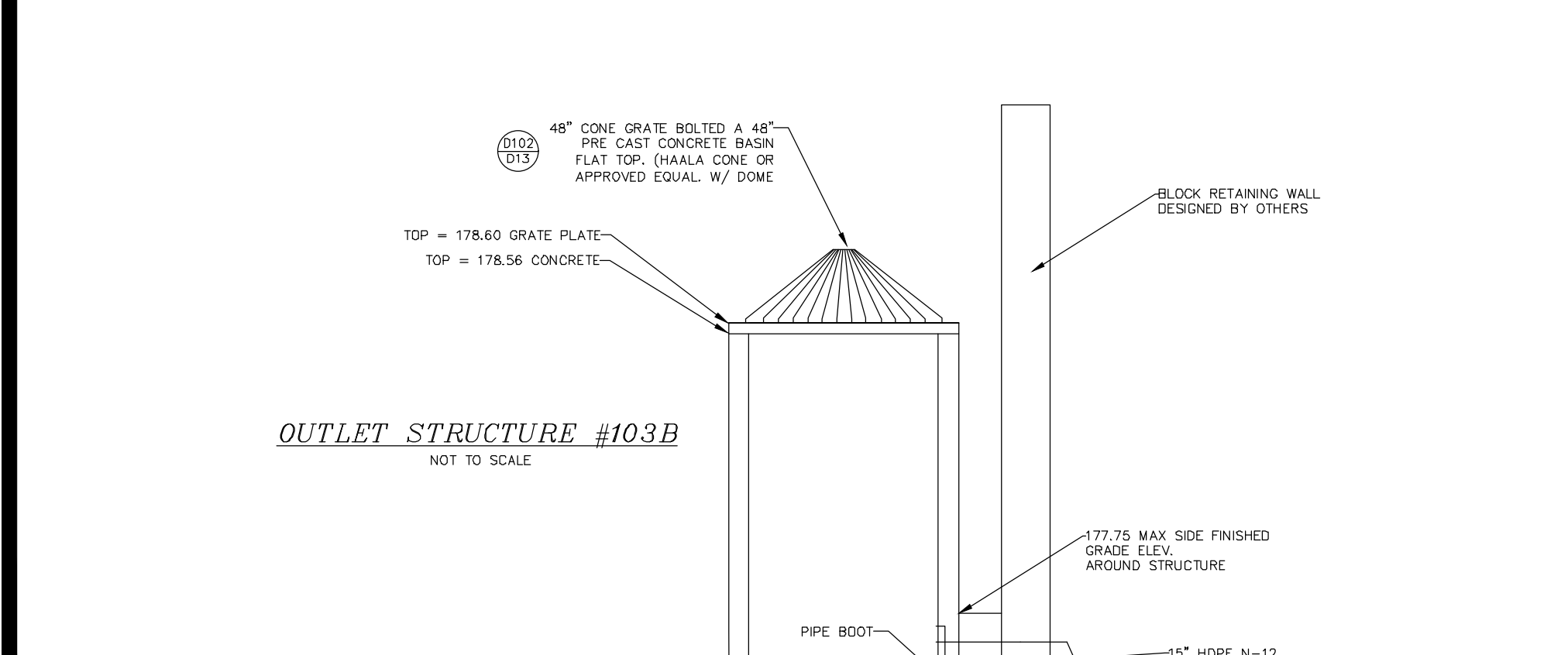
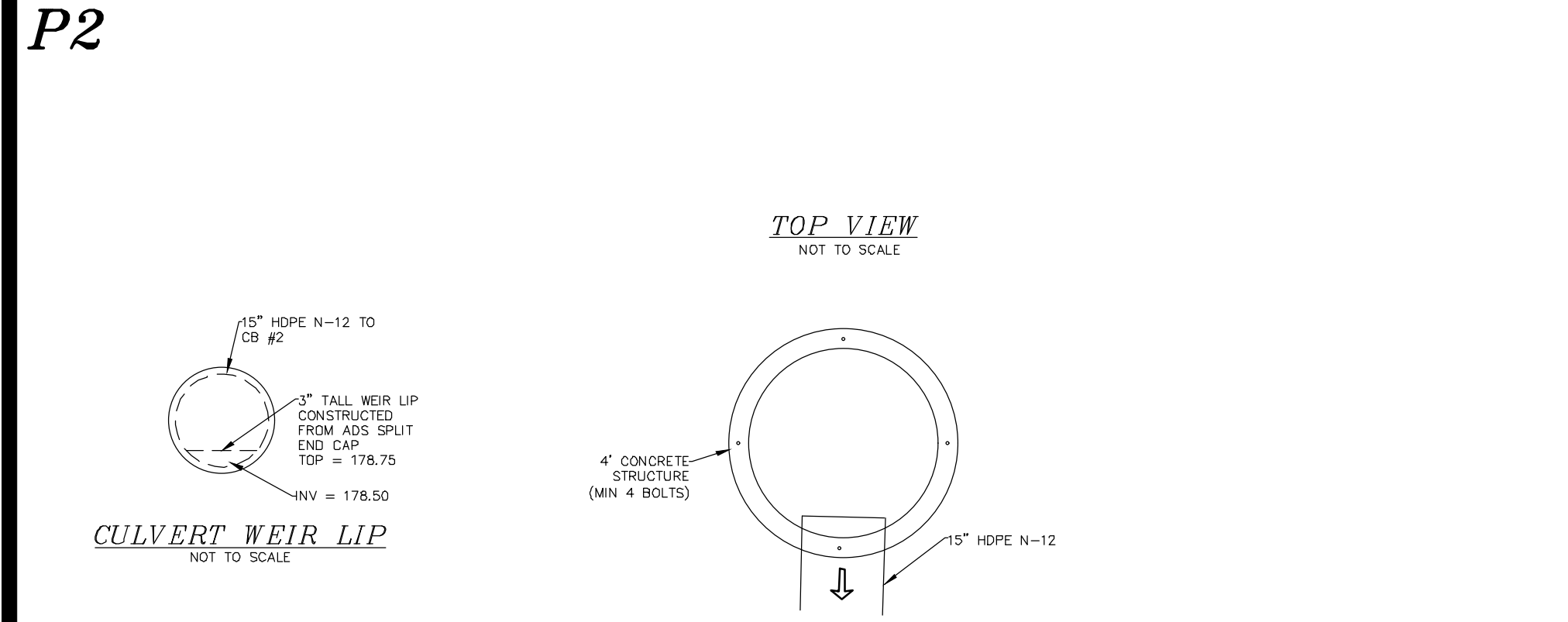
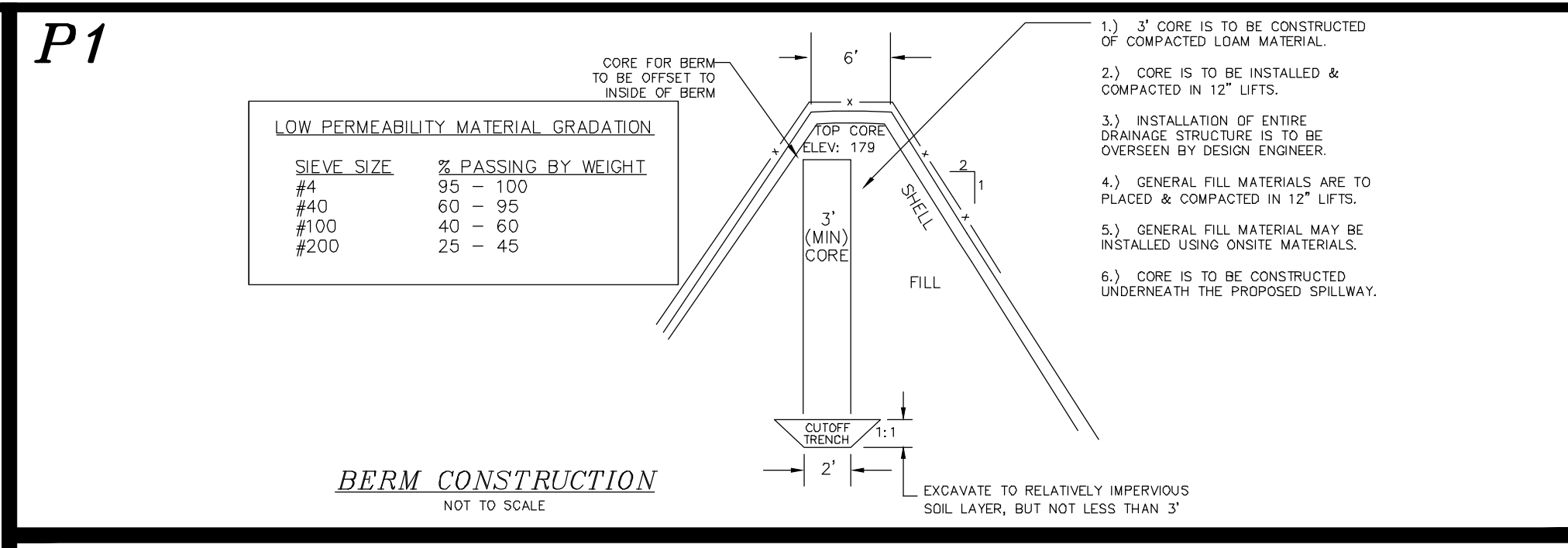
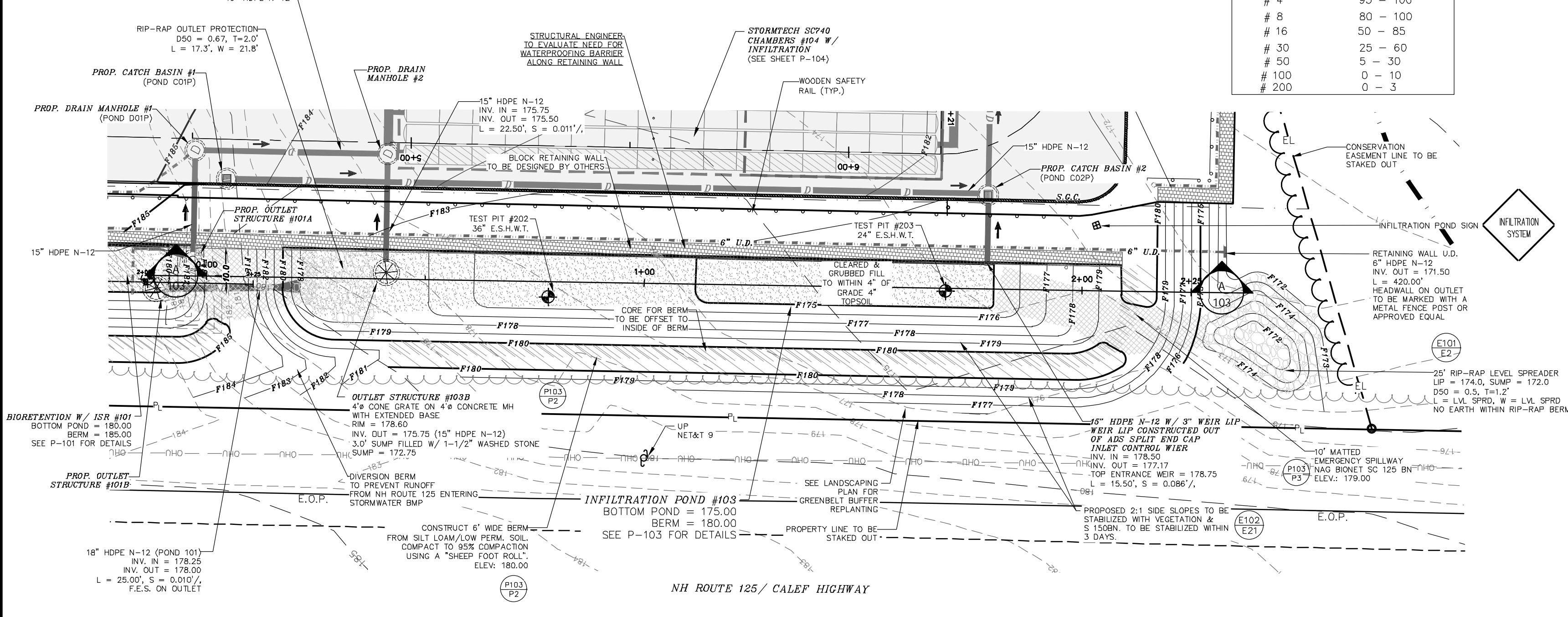
PLAN VIEW INFILTRATION POND #103

STABILIZATION NOTE:
SEE NOTE #5, SHEET E-102, DETAIL E-18
SIDE SLOPES ARE TO BE STABILIZED WITHIN THREE WORKING DAY UPON COMPLETION OF FINAL GRADE.

INFILTRATION SURFACE PROTECTION NOTE:
SEE EROSION AND SEDIMENT CONTROL PLAN
IT IS RECOMMENDED THAT THE CONTRACTOR TAKE MEASURES TO PROTECT THE INFILTRATION SURFACE FROM SEDIMENTATION CAUSED BY EROSION ON THE SIDE SLOPES

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

ASTM C-33 FINE AGGREGATE	
SIEVE SIZE	% PASSING BY WEIGHT
3/8"	100
# 4	95 - 100
# 8	80 - 100
# 16	50 - 85
# 30	25 - 60
# 50	5 - 30
# 100	0 - 10
# 200	0 - 3



REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

INFILTRATION POND #103

FOR TURBOCAM, INC.
LAND OF NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 23B, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 20 FT.
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023 - 017

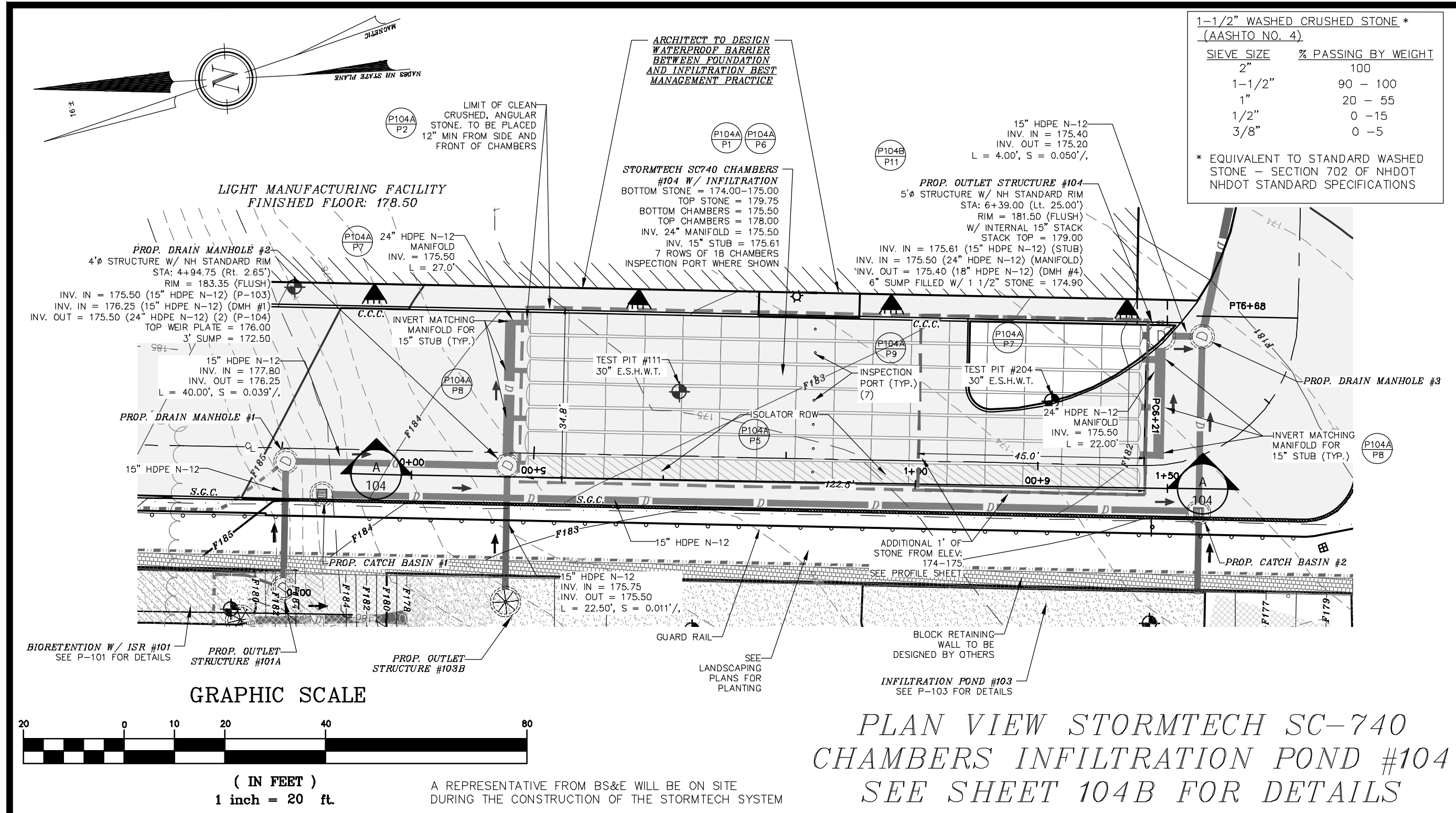
FOR TOWN APPROVAL PURPOSES:

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KENNETH A. BERRY
No. 14243
REGISTERED PROFESSIONAL ENGINEER

P-103

SHEET 20 OF 51



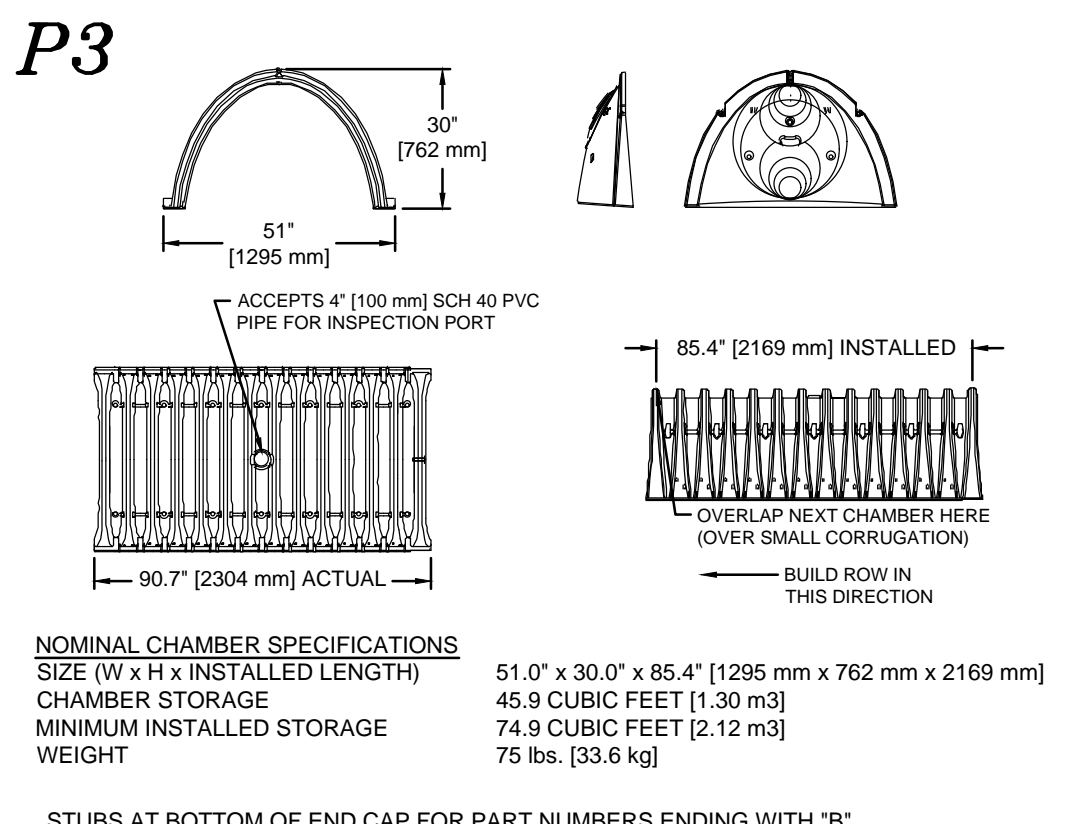
P1

1. ALL DESIGN SPECIFICATIONS FOR STORMTECH SC-740 CHAMBERS SHALL BE IN ACCORDANCE WITH THE STORMTECH DESIGN MANUAL, ADVANCED DRAINAGE SYSTEM, INC (ADS STORMTECH)

2. THE INSTALLATION OF STORMTECH SC-740 CHAMBERS SHALL BE IN ACCORDANCE WITH THE LATEST STORMTECH INSTALLATION INSTRUCTIONS

3. THE CONTRACTOR IS ADVISED TO REVIEW AND UNDERSTAND THE INSTALLATION INSTRUCTIONS PRIOR TO BEGINNING SYSTEM INSTALLATION. CALL 1-888-892-2694 OR VISIT WWW.STORMTECH.COM TO RECEIVE A COPY OF THE LATEST STORMTECH INSTALLATION INSTRUCTIONS

4. CHAMBERS SHALL MEET THE DESIGN REQUIREMENTS AND LOAD FACTORS SPECIFIED IN SECTION 12.12 OF THE LATEST EDITION OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS



P6

	A	B	C	D	E	F	G	H	J	JJ	K	KK	L	LL	M	MM	N	NN
BED 1/ONLY	74.00	175.00	179.00	179.50	181.82	N/A	183.88	176.00	175.50	24" HDPE	15" HDPE	175.61	24" HDPE	175.50	15" HDPE	175.61	24" HDPE	175.50

SC-740 ELEVATIONS

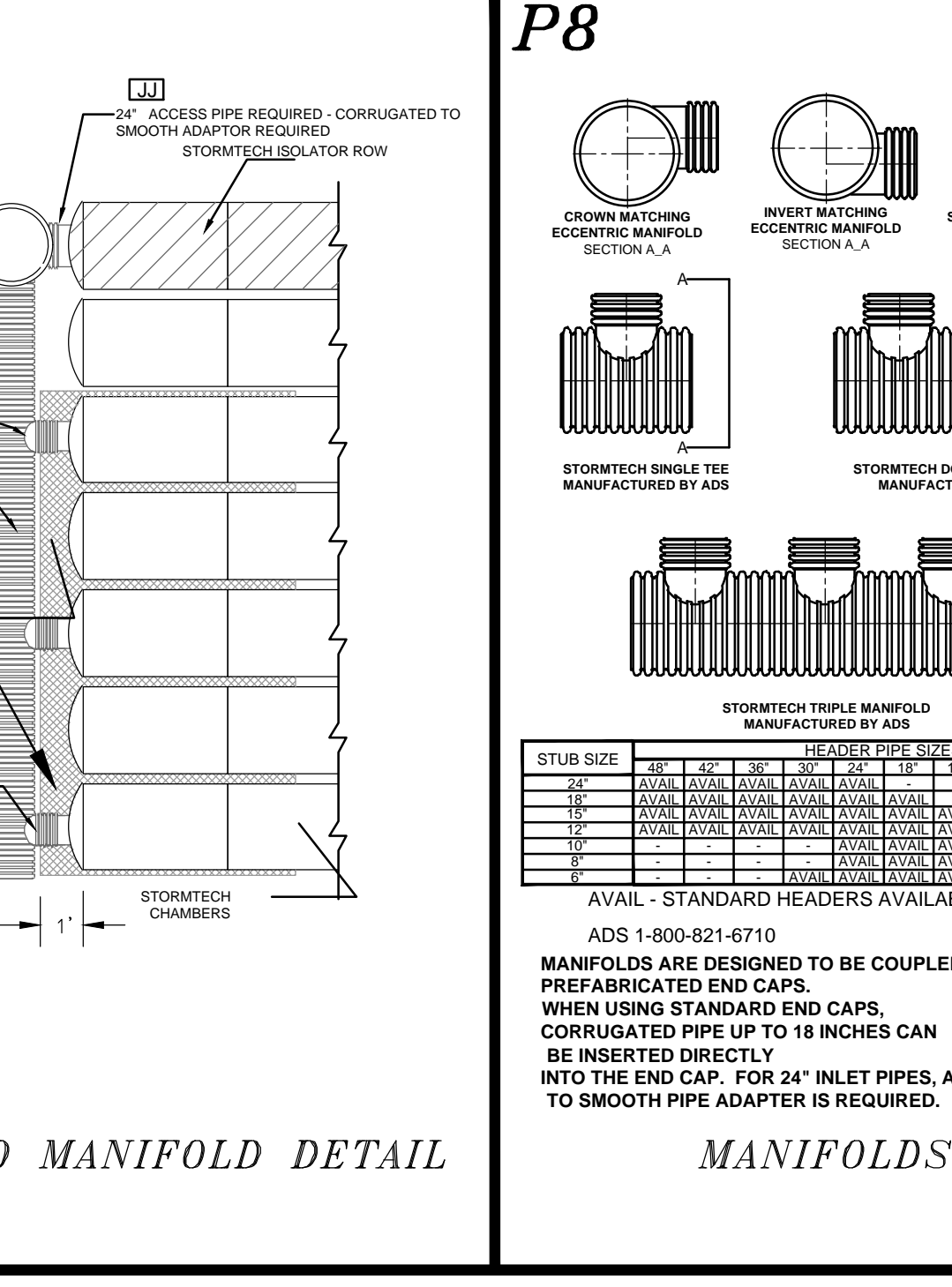
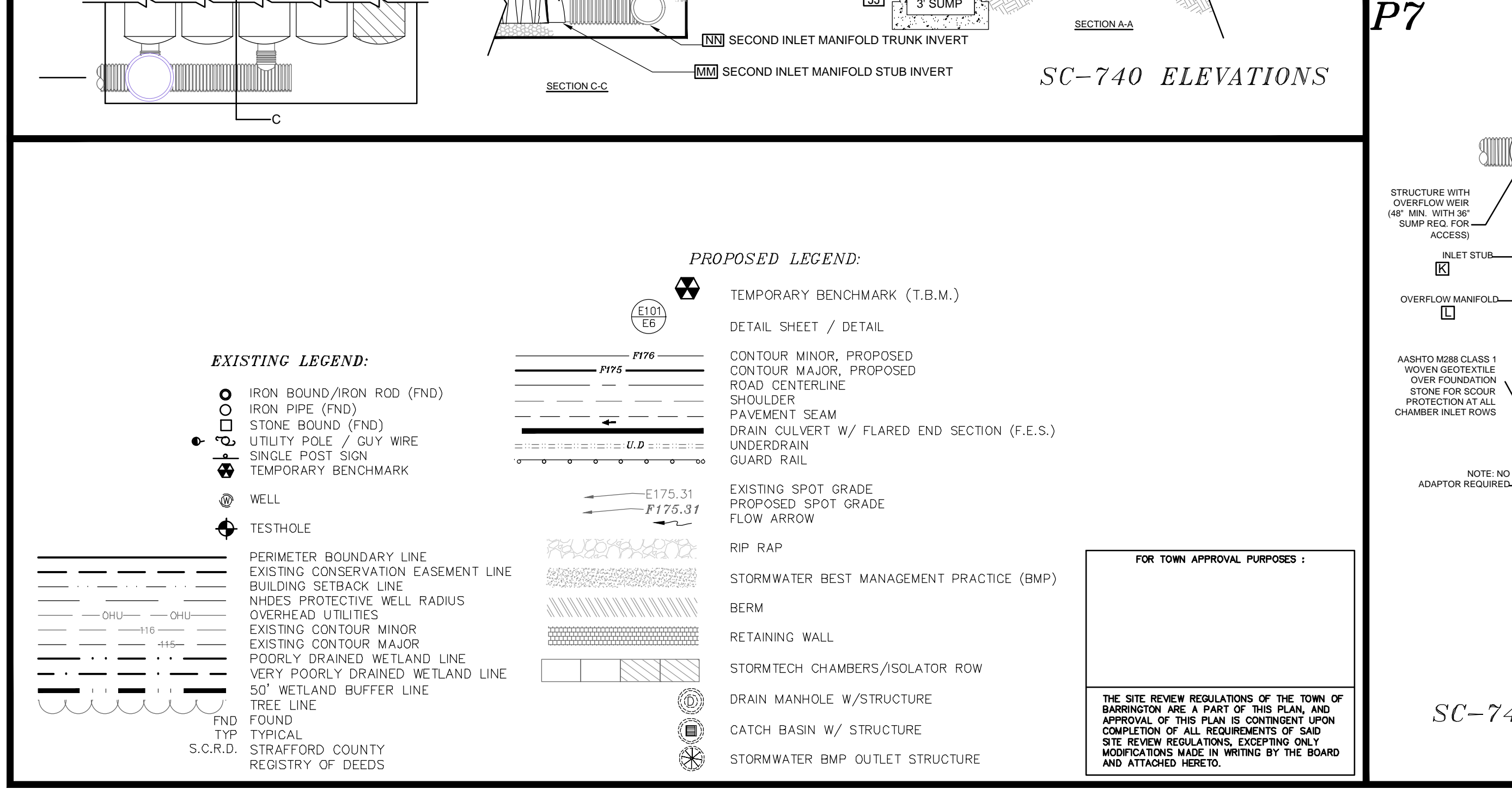
SC-740 TECHNICAL SPEC.

PART#	STUB	A	B	C
SC740EPE06T	6" [150 mm]	10.90" [277 mm]	18.50" [470 mm]	N/A
SC740EPE06B	6" [150 mm]	10.90" [277 mm]	N/A	0.50" [13 mm]
SC740EPE08T	8" [200 mm]	12.20" [310 mm]	16.50" [419 mm]	N/A
SC740EPE08B	8" [200 mm]	12.20" [310 mm]	N/A	0.60" [15 mm]
SC740EPE10T	10" [250 mm]	13.40" [340 mm]	14.50" [368 mm]	N/A
SC740EPE10B	10" [250 mm]	13.40" [340 mm]	N/A	0.70" [18 mm]
SC740EPE12T	12" [300 mm]	14.70" [373 mm]	12.50" [318 mm]	N/A
SC740EPE12B	12" [300 mm]	14.70" [373 mm]	N/A	1.20" [30 mm]
SC740EPE15T	15" [375 mm]	19.40" [493 mm]	9.00" [229 mm]	N/A
SC740EPE15B	15" [375 mm]	18.40" [467 mm]	N/A	1.30" [33 mm]
SC740EPE18T	18" [450 mm]	19.70" [500 mm]	5.00" [127 mm]	N/A
SC740EPE18B	18" [450 mm]	19.70" [500 mm]	N/A	1.60" [41 mm]
SC740EPE24B	24" [600 mm]	18.50" [470 mm]	N/A	0.10" [3 mm]

NOTE: ALL DIMENSIONS ARE NOMINAL

ALL STUBS, EXCEPT FOR THE SC740EPE24B ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONTACT STORMTECH AT 1-888-892-2694.

*FOR THE SC740EPE24B THE 24" [600 mm] STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 1.75" [44 mm]. BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL.

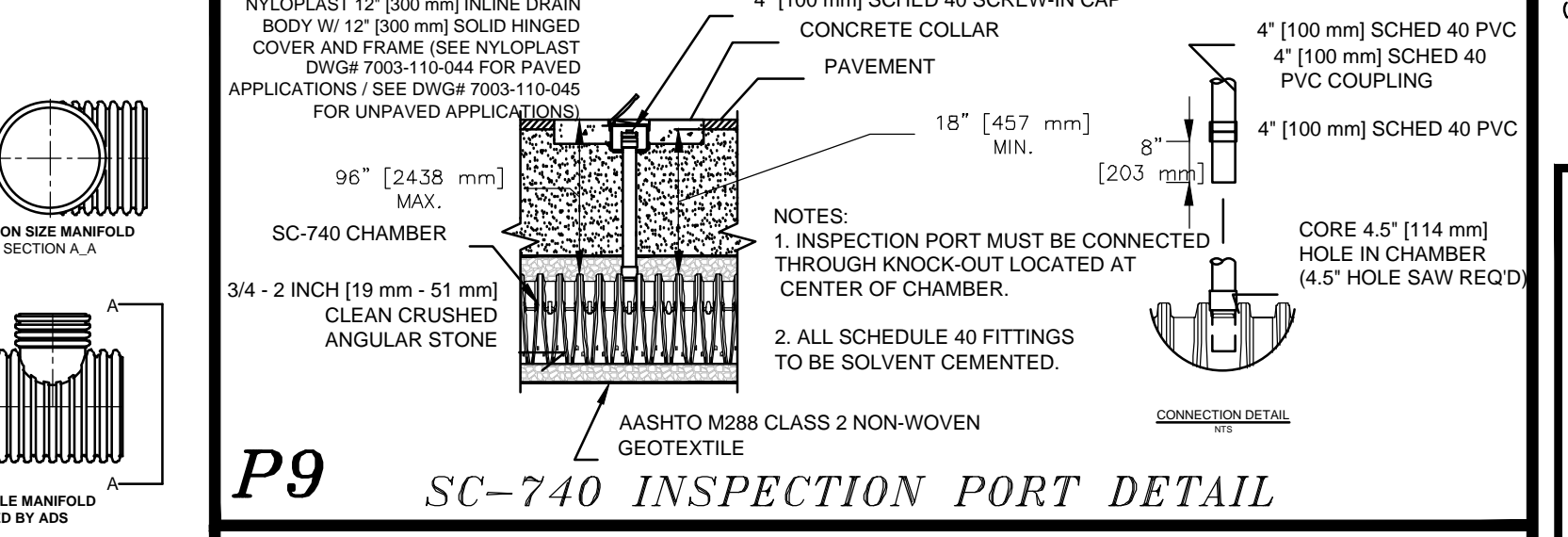
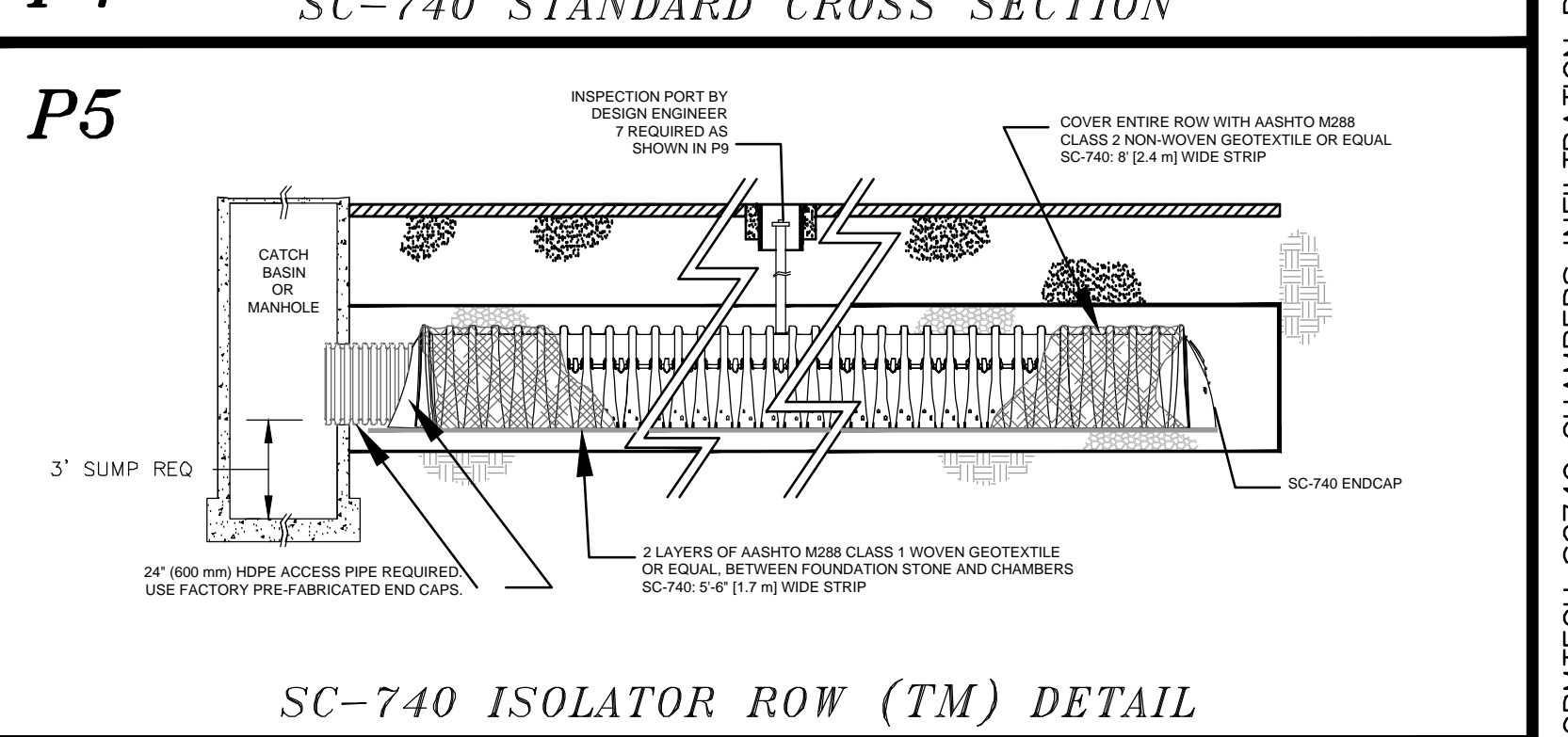
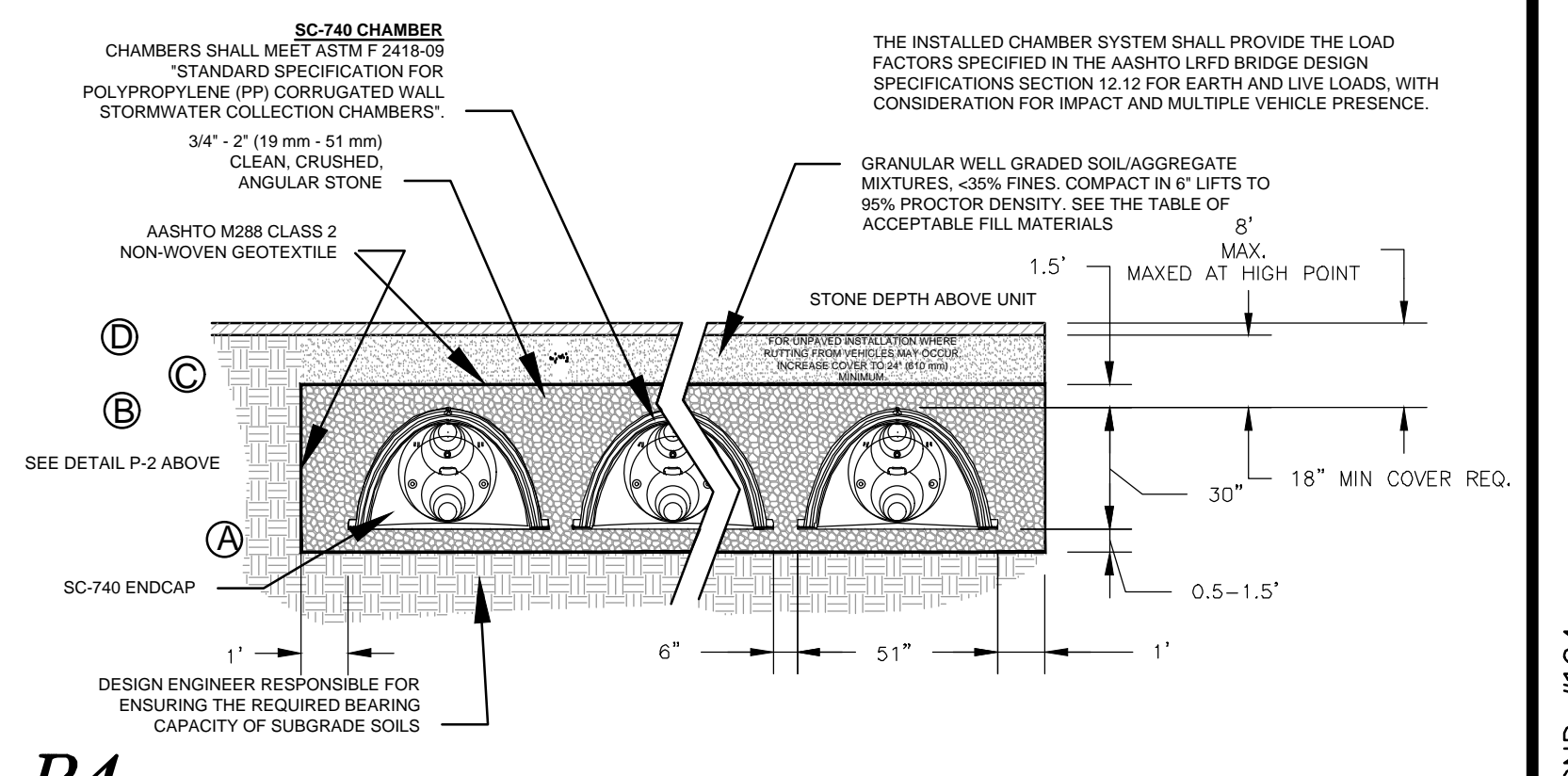


P2

ACCEPTABLE FILL MATERIALS: STORMTECH SC-740 CHAMBER SYSTEMS

MATERIAL LOCATION	DESCRIPTION	AASHTO M33 DESIGNATION	COMPACTION/DENSITY REQUIREMENT
(D)	FILL MATERIAL FOR LAYER 1 STARTS FROM THE TOP OF THE C LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT ON UNPAVED FINISH GRADE. ADD NOTE THAT PAVEMENT SUBGRADE MAY BE PART OF THIS LAYER.	N/A	PREPARE PER ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
(C)	FILL MATERIAL FOR LAYER 2 STARTS FROM THE TOP OF THE EMBEDED STONE TO THE TOP OF THE C LAYER. ADD NOTE THAT PAVEMENT SUBGRADE MAY BE PART OF THIS LAYER.	3.357, 4.467, 5.56, 6.67, 8.8, 9.9, 10	BEGIN COMPACTION AFTER 1" [25 mm] OF MATERIAL OVER THE CHAMBERS IS REACHED. CONTACT ADDITIONAL LAYERS IN 1" [25 mm] LIFTS TO A MIN. 90% STANDARD PROCTOR DENSITY. ROLLER CROSS VELOCITY WEIGHT NOT TO EXCEED 12,000 lbs [53 kN]. DYNAMIC FORCE NOT TO EXCEED 2,000 lbs [90 kN].
(B)	EMBEDMENT STONE SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE (A LAYER) TO THE C LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE. NOMINAL SIZE DISTRIBUTION BETWEEN 3/4" - 1 1/2" [19 - 38 mm]	NO COMPACTION REQUIRED.
(A)	FOUNDATION STONE BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE. NOMINAL SIZE DISTRIBUTION BETWEEN 3/4" - 1 1/2" [19 - 38 mm]	PLATE COMPACT OR ROLL TO ACHIEVE A 90% STANDARD PROCTOR DENSITY.

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M33) STONE.
2. AS AN ALTERNATE TO PROCTOR TESTING AND FIELD DENSITY MEASUREMENTS ON OPEN GRADED STONE, STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" [150 mm] (MAX) LIFTS USING TWO FULL COVERAGES WITH AN APPROPRIATE COMPACTOR.



P10

INSPECTION AND MAINTENANCE:

DUE TO THE CRITICAL NATURE OF INSPECTION AND MAINTENANCE STORMTECH SYSTEM AS DETAILED IN THE DESIGN MANUAL, ADVANCED DRAINAGE SYSTEM, INC (ADS STORMTECH) THE FOLLOWING THREE FIRMS ARE RECOMMENDED FOR THIS TASK. IT IS HIGHLY RECOMMENDED THAT THE OPERATOR OF THE PROPERTY HAVE A LONG TERM INSPECTION AND MAINTENANCE CONTACT WITH A FIRM THAT CAN COMPLETE THESE VITAL SERVICES.

AS FOR ISOLATOR ROW MAINTENANCE, CB MAINTENANCE, ETC., REGIONAL ADS REPRESENTATIVES RECOMMEND USING ANY OF THE FOLLOWING CONTACTS:

STORMWATER COMPLIANCE, LLC.
ATTN: NATHAN MARLES 1-877-271-9055; NMARLES@LIDTECH.COM
163 THADEUS STREET, PORTLAND, ME 04106
INFO@STORMWATERCOMP.COM

TED BERRY COMPANY
ATTN: DAVE BEAUCHAMP, 207-897-3348; DAVID.BEAUCHAMP@TEDBERRYCOMPANY.COM
521 FEDERAL ROAD, LIVERMORE, ME 04253
INF@TEDBERRYCOMPANY.COM

BELLEMORE SEPTIC, SEWER, & DRAIN:
ATTN: RAY BELLEMORE, 603-641-6640; RAYMOND@BELLEMORE.COM
PO BOX 10369, BEDFORD, NH 03110

CONTACT AARON CHEEVER, P.E., ADVANCE DRAINAGE SYSTEMS, INC.
AARON.CHEEVER@ADS-PIPE.COM 1-978-302-0650
FOR PRODUCT AND PRICING

FOR TURCOCAM, INC. LAND OF NHBC, LLC NH ROUTE 125/CALEF HIGHWAY BARRINGTON, N.H. T4X MAP 23B, LOT 44-1

STORMTECH SC740 CHAMBERS INFILTRATION POND #104

#1A	REVISION	DATE	DESCRIPTION
		04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

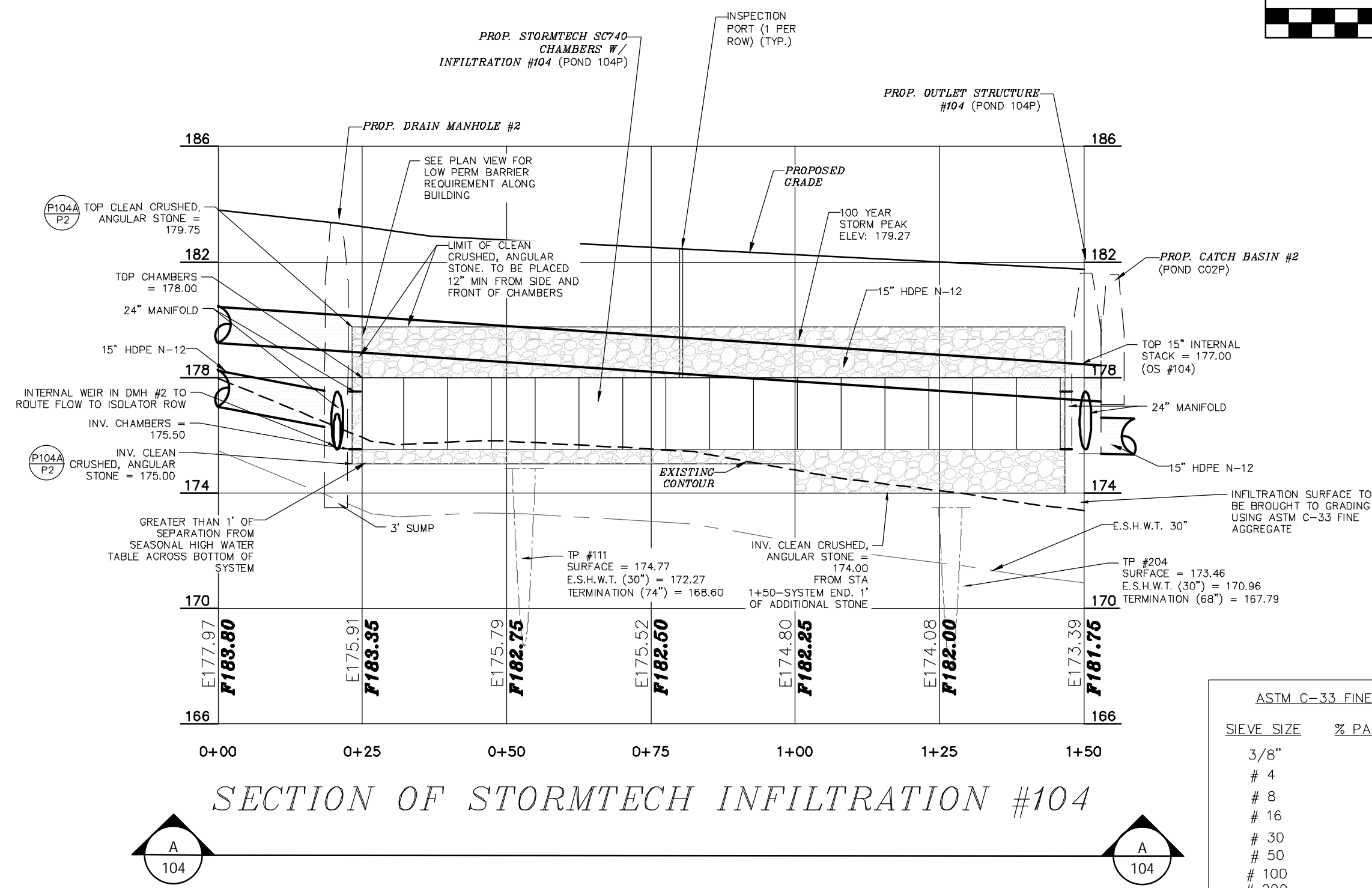
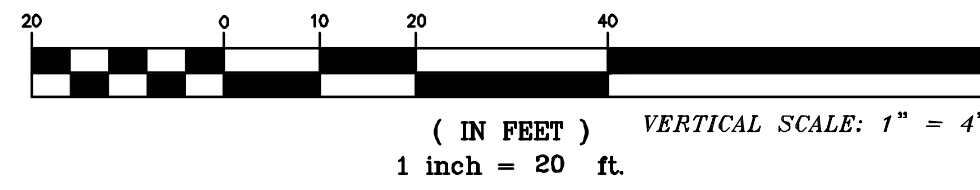
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 20 FT.
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023 - 017

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

P-104A

SHEET 21 OF 51

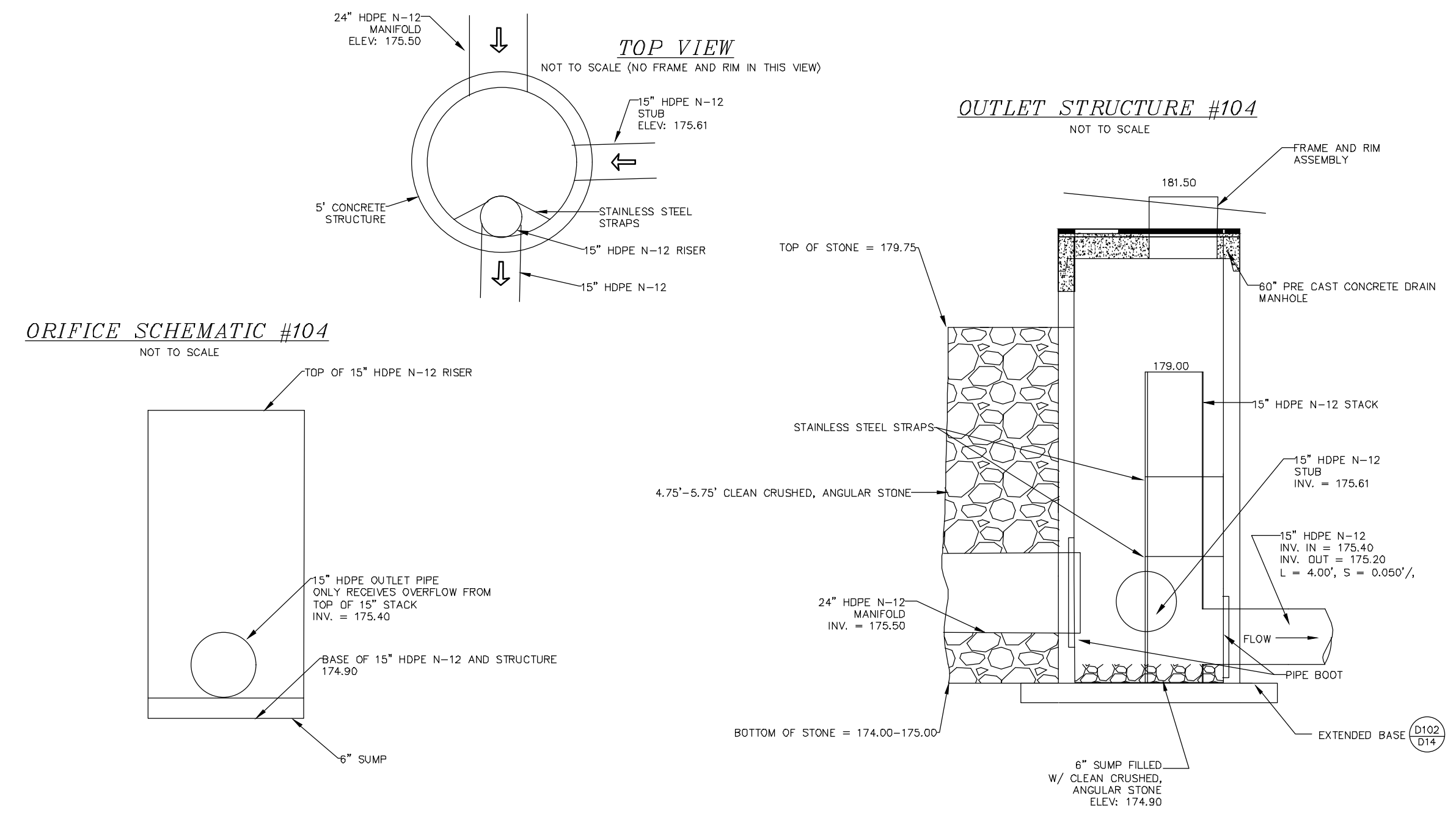
GRAPHIC SCALE



ASTM C-33 FINE AGGREGATE

SIEVE SIZE	% PASSING BY WEIGHT
3/8"	100
# 4	95 - 100
# 8	80 - 100
# 16	50 - 85
# 30	25 - 60
# 50	5 - 30
# 100	0 - 10
# 200	0 - 3

P11

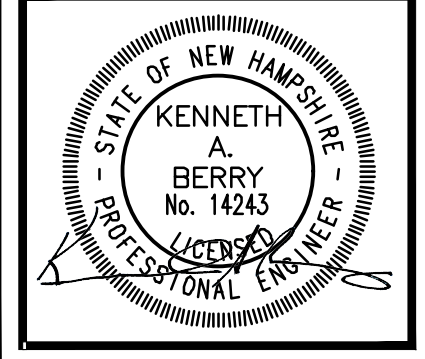


FOR TOWN APPROVAL PURPOSES :

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

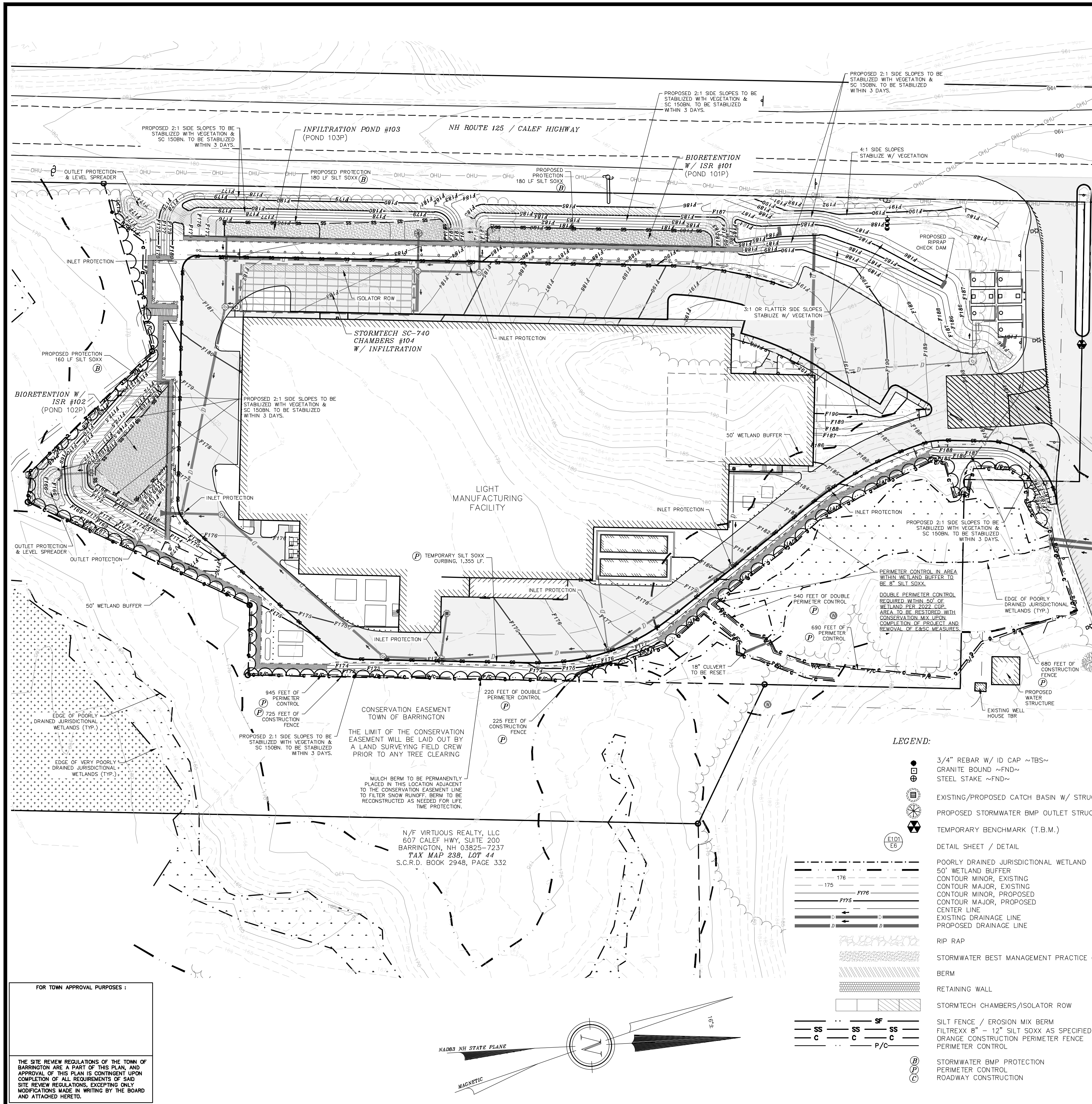
P-104B

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE : 1 IN. EQUALS 20 FT.
 DATE : FEBRUARY 5, 2024
 FILE NO. : DB 2023 - 017



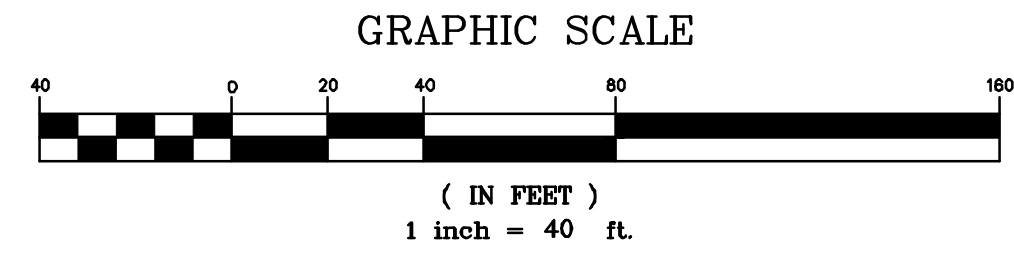
FOR
 TURBOCAM, INC.
 LAND OF
 NHBBC, LLC
 NH ROUTE 125/CALEF HIGHWAY
 BARRINGTON, N.H.
 TAX MAP 23B, LOT 44-1

REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES



NOTES:

- 1.) OWNER: NHBBC, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
- 2.) APPLICANT: TURBOCAM, INC.
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
- 3.) THE PROJECT PARCEL IS TAX MAP 238, LOT 44-1
- 4.) LOT AREA: 346,738 Sq. Ft., 7.96 ACRES
- 5.) 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 BARRINGTON, PLANNING DEPARTMENT WITHIN 24 HOURS IN ACCORDANCE WITH CGP 4.1.7 AND MAINTAINED BY THE OWNER FOR A PERIOD OF THREE YEARS AFTER THE PROJECT IS COMPLETED.
- 6.) 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 E&S PLAN IS INITIAL GUIDANCE AS TO THE ANTICIPATED REQUIREMENTS AND IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT STORMWATER VIOLATIONS DO NOT OCCUR
- 7.) CONTRACTOR IS REQUIRED TO HAVE A CONSTRUCTION ENTRANCE 3" ANGULAR STONE IS REQUIRED.
- 8.) CONTRACTOR IS RESPONSIBLE FOR SWEEPING THE DRIVEWAY TO ENSURE THAT NO SEDIMENT IS BEING TRACKED ONTO CALEF HIGHWAY.
- 9.) CONTRACTOR IS RESPONSIBLE FOR CLEANING AND MAINTAINING THE INLET PROTECTION ONCE INSTALLED.
- 10.) FUGITIVE DUST IS TO BE CONTROLLED THROUGHOUT THE CONSTRUCTION PROCESS IN ACCORDANCE WITH ENV-A 1000.
- 11.) CONTRACTOR IS TO MEET THE REQUIREMENTS SPECIFIED IN RSA 430:51-57 AND AGR 3800, RELATING TO INVASIVE SPECIES.
- 12.) CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE WATER QUALITY FROM ANY RUNOFF DURING THE CONSTRUCTION PROCESS, IN ACCORDANCE WITH ENV-WQ 1507, IN ORDER TO PREVENT VIOLATIONS OF THE STORMWATER QUALITY STANDARDS.
- 13.) CONTRACTOR CAN USE SILT FENCE, SILT SOXX OR MULCH BERM FOR PERIMETER CONTROL. SPECIFIC PRACTICES MAY BE SPECIFIED, SEE PLAN. SILT FENCE OR SILT SOXX REQUIRED WHEN UPGRADIENT DISTURBED SOIL IS GREATER THAN 5%. MULCH BERM CAN BE USED WHEN THE UPGRADIENT DISTURBED SOIL IS 5% OR LESS.



STABILIZATION NOTE:
SEE NOTE #6, SHEET E-102, DETAIL E-18
SIDE SLOPES ARE TO BE STABILIZED WITHIN THREE WORKING DAY UPON COMPLETION OF FINAL GRADE.

LEGEND:

- 3/4" REBAR W/ ID CAP ~TBS~
- GRANITE BOUND ~FND~
- STEEL STAKE ~FND~
- EXISTING/PROPOSED CATCH BASIN W/ STRUCTURE
- PROPOSED STORMWATER BMP OUTLET STRUCTURE
- TEMPORARY BENCHMARK (T.B.M.)
- DETAIL SHEET / DETAIL
- POORLY DRAINED JURISDICTIONAL WETLAND
- 50' WETLAND BUFFER
- CONTOUR MINOR, EXISTING
- CONTOUR MAJOR, EXISTING
- CONTOUR MINOR, PROPOSED
- CONTOUR MAJOR, PROPOSED
- CENTER LINE
- EXISTING DRAINAGE LINE
- PROPOSED DRAINAGE LINE
- RIP RAP
- STORMWATER BEST MANAGEMENT PRACTICE (BMP)
- BERM
- RETAINING WALL
- STORMTECH CHAMBERS/ISOLATOR ROW
- SILT FENCE / EROSION MIX BERM
- FILTREXX B" - 12" SILT SOXX AS SPECIFIED
- ORANGE CONSTRUCTION PERIMETER FENCE
- PERIMETER CONTROL
- STORMWATER BMP PROTECTION
- PERIMETER CONTROL
- ROADWAY CONSTRUCTION

SOILS & DEWATERING:

313	DEERFIELD	LOAMY SAND	K= 0.15
239	ELMWOOD	FINE SANDY LOAM	K= 0.32
26	WINDSOR	LOAMY SAND	K= 0.17

SEE SITE SPECIFIC SOILS MAP (SSSM)
SEE WEBSOL 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 2022 NPDES CONSTRUCTION GENERAL PERMIT (CGP)" DATED FEBRUARY 17, 2022 INCLUDED IN THE SWPPP.

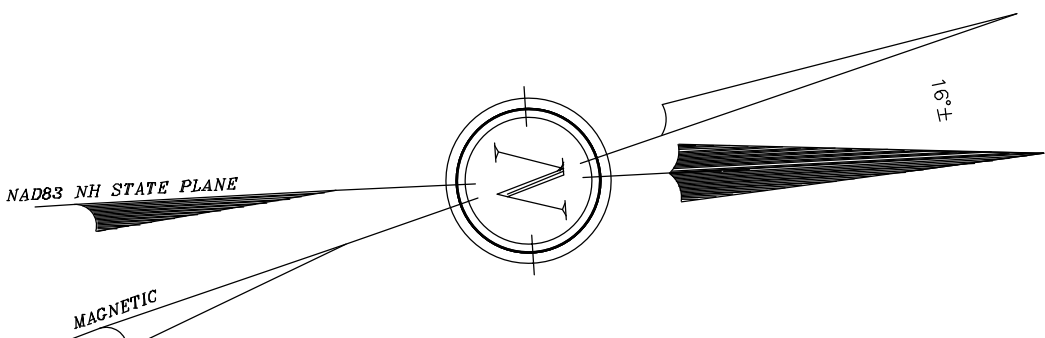
COVER MANAGEMENT DURING CONSTRUCTION FOR EXPOSED SOIL WILL INCLUDE HAY / STRAW APPLIED AT A RATE OF 2.0 TONS PER ACRE, TEMPORARY SEEDING OF ANNUAL RYE GRASS, AND PERMANENT SEEDING AT THE EARLIEST OPPORTUNITY. SEE ADDITIONAL REQUIREMENT FOR STABILIZATION ON THE EROSION AND SEDIMENT CONTROL DETAIL SHEETS,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

FOR TOWN APPROVAL PURPOSES:

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N/F VIRTUOUS REALTY, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825-7237
TAX MAP 238, LOT 44
S.C.R.D. BOOK 2948, PAGE 332



EROSION AND SEDIMENT CONTROL PLAN

FOR
TURBOCAM, INC.
LAND OF
NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 40 FT.
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023 - 017

UTILITY NOTES:

- 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.
- PROTECTION OF SUBGRADE: THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN STABLE, DE-WATERED SUBGRADES, TRENCHES, AND OTHER AREAS DURING CONSTRUCTION. SUBGRADE DISTURBANCE MAY BE INFLUENCED BY EXCAVATION METHODS, MOISTURE, PRECIPITATION, GROUNDWATER CONTROL, AND CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PREVENT SUBGRADE DISTURBANCE. SUCH PRECAUTIONS MAY INCLUDE DIVERTING STORMWATER RUNOFF AWAY FROM CONSTRUCTION AREAS, REDUCING TRAFFIC IN SENSITIVE AREAS, AND MAINTAINING AN EFFECTIVE DEWATERING PROGRAM. SOILS EXHIBITING HEAVING OR INSTABILITY SHALL BE OVER EXCAVATED TO MORE COMPETENT BEARING SOIL AND REPLACED WITH FREE DRAINING STRUCTURAL FILL MEETING THE ENGINEERS SPECIFIC RECOMMENDED CRITERIA.
- IF THE EARTHWORK IS PERFORMED DURING FREEZING WEATHER (NOT ALLOWED IN TOWN R.O.W.), EXPOSED SUBGRADES ARE SUSCEPTIBLE TO FROST. NO FILL OR UTILITIES SHALL BE PLACED ON FROZEN GROUND. THIS WILL LIKELY REQUIRE REMOVAL OF A FROZEN SOIL CRUST AT THE COMMENCEMENT OF EACH DAY'S OPERATION. THE FINAL SUBGRADE ELEVATION WOULD ALSO REQUIRE AN APPROPRIATE DEGREE OF INSULATION AGAINST FREEZING.
- PLACEMENT OF BORROW MATERIALS SHALL BE PERFORMED IN A MANNER THAT PREVENTS LONG TERM DIFFERENTIAL SETTLEMENT. EXCESSIVELY WET MATERIALS SHALL BE STOCKPILED AND ALLOWED TO DRAIN BEFORE PLACEMENT. FROZEN MATERIAL SHALL NOT BE USED FOR CONSTRUCTION. VOIDS BETWEEN STONES AND CLUMPS OF MATERIAL SHALL BE FILLED WITH FINE MATERIALS.
- FINAL UTILITY LOCATIONS TO BE COORDINATED BETWEEN THE CONTRACTOR, ALL APPROPRIATE UTILITY COMPANIES AND THE BARRINGTON DPW.
- ALL WATER MAIN AND SERVICE INSTALLATIONS SHALL CONFORM TO TOWN OF BARRINGTON STANDARDS. ALL HIGHWAY CONSTRUCTION WILL MEET THE TOWN OF BARRINGTON STANDARDS.
- CONTRACTOR SHALL COORDINATE ALL ELECTRICAL INSTALLATIONS WITH EVERSOURCE AT (800) 662-7764. ALL ELECTRIC CONDUIT INSTALLATION SHALL BE INSPECTED BY EVERSOURCE PRIOR TO BACKFILL. A 48-HOUR MINIMUM NOTICE IS REQUIRED.
- CONTRACTOR SHALL COORDINATE ALL TELECOMMUNICATIONS INSTALLATIONS WITH FAIRPOINT COMMUNICATIONS AT (603) 427-5525.
- THE APPLICANT IS ABLE TO MAKE LIFE CHANGES TO PRODUCTS SO LONG AS THE DESIGN ENGINEER APPROVES THAT THEY MEET THE DESIGN INTENT.
- CONTRACTOR SHALL COORDINATE ALL CABLE INSTALLATIONS WITH BREEZELINE.
- PROPANE TO BE PROVIDED VIA TANK LOCATED NO CLOSER THAN 10' TO EACH STRUCTURE.
- ALL SEWERMAN HOLE RIMS & COVERS ARE TO BE LIFETIME R-1743-LM AND MADE IN NORTH AMERICA.
- ALL WATER SERVICES ARE TO BE WITNESSED WITH A 2"x4" PAINTED BLUE. ALL SEWER SERVICES ARE TO BE WITNESSED WITH A 2"x4" PAINTED YELLOW, IS STUBBED PRIOR TO BUILDING CONSTRUCTION.
- CURB BOXES SHOULD BE PLACED IN THE LAWN AREA, OR IF PLACED IN PAVEMENT, A ROAD BOX IS REQUIRED.
- VERTICAL DATUM BASED ON NAVD88 ELEVATIONS. HORIZONTAL DATUM BASED ON NAD83 STATE PLANE COORDINATES GATHERED USING CARLSON BRX7 SURVEY GRADE GPS.
- MINIMUM SLOPE FOR ALL SEWER SERVICE CONNECTIONS IS TO BE NO LESS THAN 0.021'/, FOR 4" SDR 35/SCHD. 40.
- ALL SEWER INSTALLATIONS SHALL CONFORM TO THE REQUIREMENTS OF NHDES & BARRINGTON STANDARDS. ALL PVC SEWER PIPE IS TO CONFORM WITH ENV-WQ 704.05 (c)-(e) FOR SDR 35 GRAVITY SEWER PIPE, CONFORM WITH ENV-WQ 704.06 FOR SDR 11 FORCE MAIN PRESSURE PIPE, AND CONFORM WITH ASTM D3034. PVC JOINT SEALS SHALL CONFORM WITH ASTM D3121. THE FORCE MAIN SHALL BE TESTED IN ACCORDANCE WITH ENV-WQ 704.09.
- CONTRACTOR TO TRANSFER TEMPORARY BENCHMARK TO A SUITABLE BENCHMARK TO CONTROL CONSTRUCTION. ANY ELEVATION DISCREPANCIES ARE TO BE REPORTED TO THE DESIGN ENGINEER IMMEDIATELY.
- ALL SEWER AND WATER CROSSINGS ARE TO MAINTAIN A 1.5' OF SEPARATION AND 10' HORIZONTAL CLEARANCE BETWEEN WATER AND SEWER.
- SEE U-102 & U-103 FOR DUPLEX EFFLUENT PUMP STATION DESIGN INFORMATION. NO PUMP SUBSTITUTIONS ARE ALLOWED WITHOUT DESIGN ENGINEER. OPERATIONS SHALL TAKE CAUTION NOT OVERLOAD THE PIPE VOLUME OF THE LEACHING SYSTEM. SEE ADVANCED ENVIRO SEPTIC DESIGN PLAN.
- SEE C-104 FOR 30,000 GALLON FIRE CISTERN DETAILS AND ELEVATIONS.

UTILITY PLANS TABLE OF CONTENTS:

- SHEET #24: OVERVIEW UTILITY PLAN
- SHEET #25: P&P CIRCULATION 9+00-14+26
- SHEET #26: P&P FORCE MAIN 0+00-2+00 & WATERLINE
- SHEET #27: P&P FORCE MAIN 2+00-END
- SHEET #28: OVERVIEW SEPTIC DESIGN
- SHEET #29: ADVANCED ENVIRO SEPTIC DESIGN
- SHEET #33: LIGHTING PLAN
- SHEETS #45-#47: UTILITY CONSTRUCTION DETAILS U-101-U103

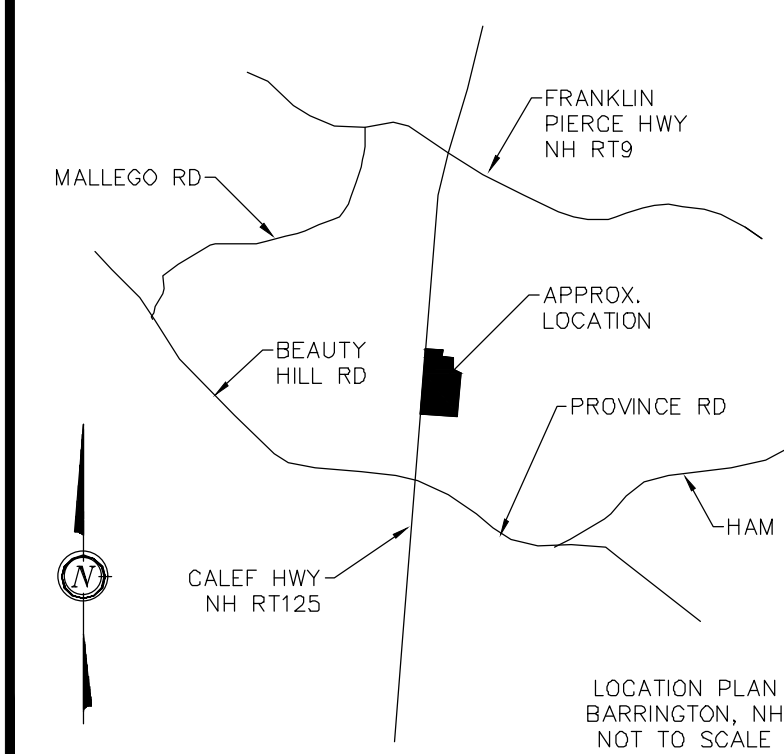
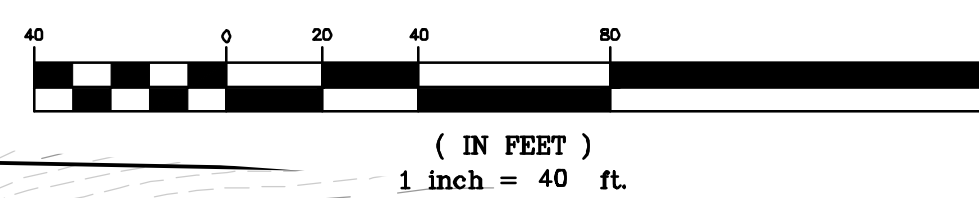
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N/F KERAVICH, PETER JR. & JAN
327 MALLEGO RD
668 CALEF HWY
BARRINGTON, NH 03825
TAX MAP 250, LOT 132
S.C.R.D. BOOK 2369, PAGE 59

N/F LOCKHARDT TR, MADELINE
73 DURHAM POINT ROAD
DURHAM, NH 03824
TAX MAP 238, LOT 45
S.C.R.D. BOOK 2369, PAGE 59

GRAPHIC SCALE



NOTES:

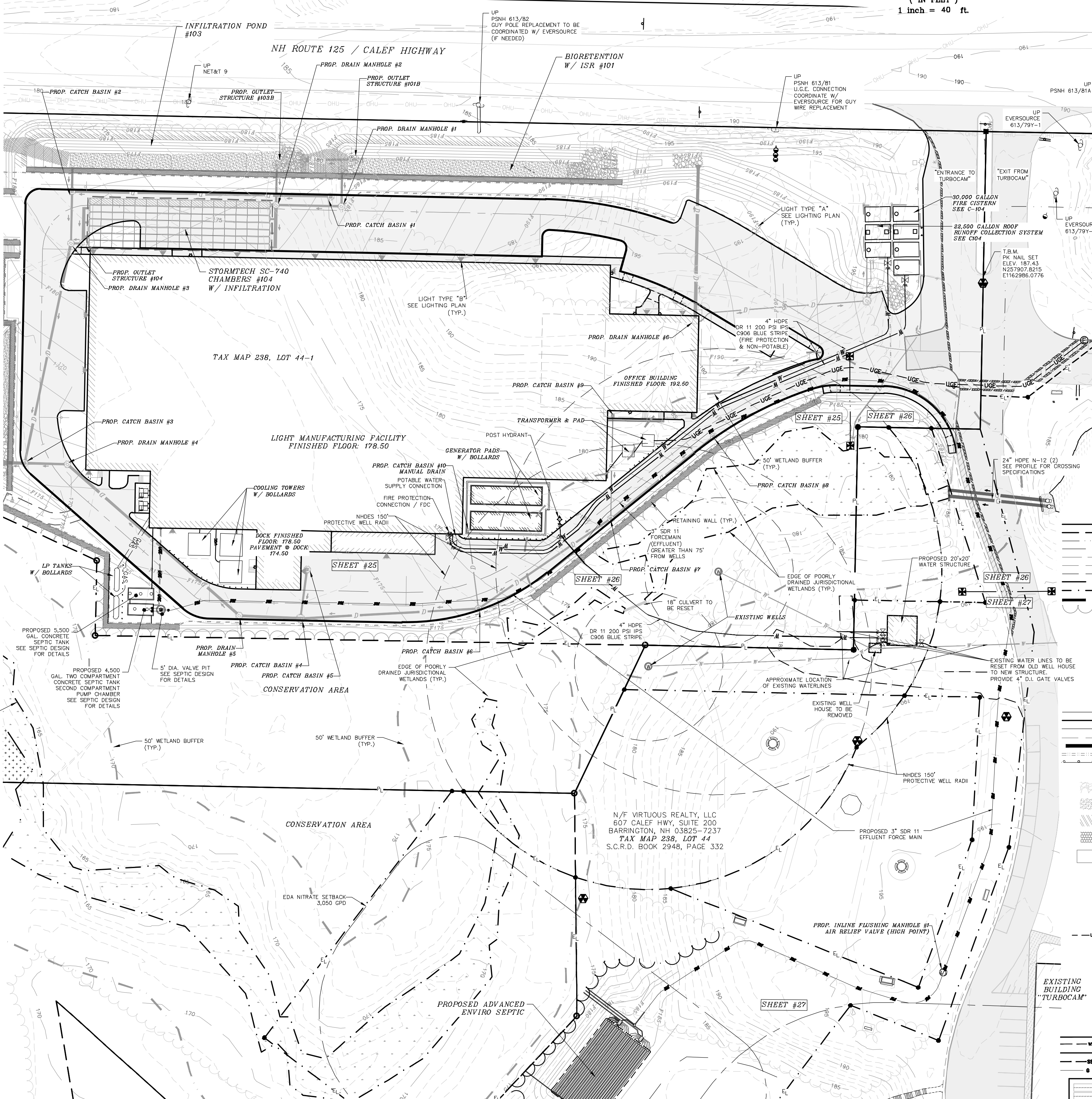
- OWNER: NHBC, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
- APPLICANT: TURBOCAM, INC.
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
- LOT OF RECORD: TAX MAP 238, LOT 44-1
- THE INTENT OF THIS PLAN IS TO PROVIDE UTILITY AND ENGINEERING DETAILS OF LOT 44-1. EXISTING CONTOURS ARE PROVIDED AT 1' INTERVALS AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.
- SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERMETER CONTROL (MULCH BERM / FENCE / SILT SOX). BSAE IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
- SEE EASEMENT PLAN, SHEET #4, FOR APPLICABLE EASEMENTS FOR LOT 44-1 AND LOT 44

EXISTING LEGEND:

- IRON BOUND/IRON ROD (FND)
- IRON PIPE (FND)
- STONE BOUND (FND)
- UTILITY POLE / GUY WIRE
- SINGLE POST SIGN
- TEMPORARY BENCHMARK
- WELL
- TESTHOLE
- PERIMETER BOUNDARY LINE
- EXISTING CONSERVATION EASEMENT LINE
- BUILDING SETBACK LINE
- NHDES PROTECTIVE WELL RADIUS
- OVERHEAD UTILITIES
- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- POORLY DRAINED WETLAND LINE
- VERY POORLY DRAINED WETLAND LINE
- 50' WETLAND BUFFER LINE
- TREE LINE
- FOUND
- TYPICAL
- STRAFFORD COUNTY
- REGISTRY OF DEEDS

PROPOSED LEGEND:

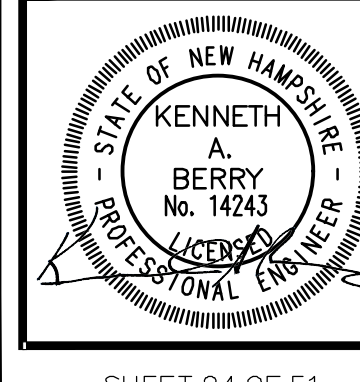
- TEMPORARY BENCHMARK (T.B.M.)
- DETAIL SHEET / DETAIL
- CONTOUR MINOR, PROPOSED
- CONTOUR MAJOR, PROPOSED
- ROAD CENTERLINE
- SHOULDER
- DRAIN CULVERT W/ FLARED END SECTION (F.E.S.)
- UNDERDRAIN
- GUARD RAIL
- RIP RAP
- STORMWATER BEST MANAGEMENT PRACTICE (BMP)
- BERM
- RETAINING WALL
- STORMTECH CHAMBERS/ISOLATOR ROW
- DRAIN MANHOLE W/STRUCTURE
- CATCH BASIN W/ STRUCTURE
- STORMWATER BMP OUTLET STRUCTURE
- TRANSFORMER / JBOX
- UNDERGROUND UTILITY
- GATE VALVE
- CURB STOP
- FIRE HYDRANT
- THRUST BLOCKS
- LIGHT TYPE "A" MOUNTED ON POLE
- LIGHT TYPE "B" MOUNTED ON BUILDING
- LIGHT TYPE "C" MOUNTED AT DOORS
- INLINE FLUSHING MANHOLE W/ STRUCTURE
- PROPOSED WATER MAIN LINE
- PROPOSED WATER SERVICE
- PROPOSED EFFLUENT FORCEMAIN
- PROPOSED GRAVITY SEWER SERVICE
- PROPOSED GAS LINE / LP TANK
- EFFLUENT DISPOSAL AREA



#	REVISION	DATE	DESCRIPTION
#1A	04-04-24		BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

OVERVIEW UTILITY PLAN
FOR
TURBOCAM, INC.
LAND OF
NHBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : 1 IN. EQUALS 40 FT.
DATE : FEBRUARY 5, 2024
FILE NO. : DB 2023 - 017

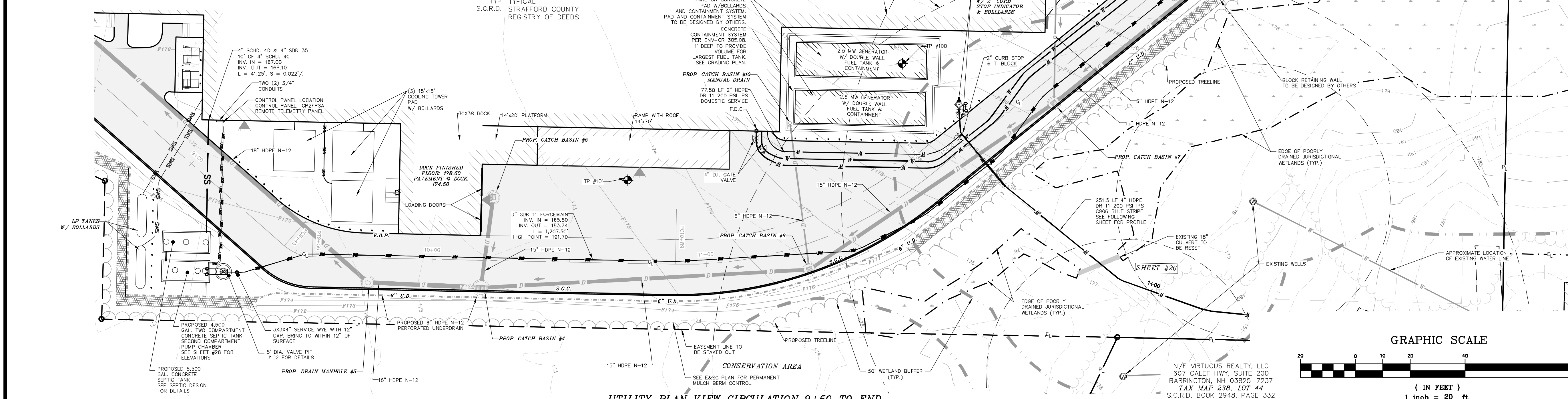


FOR TOWN APPROVAL PURPOSES :

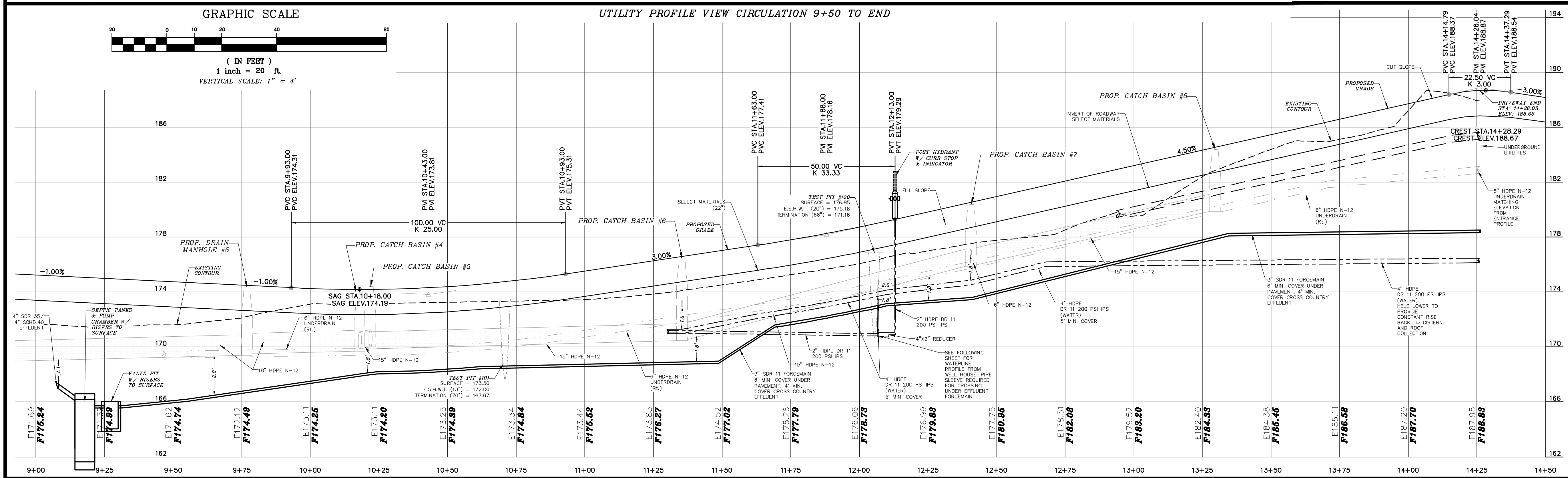
THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

- NOTES:**
- OWNER: NHBC, LLC
807 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - APPLICANT: TURBOCAM, INC.
807 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - LOT OF RECORD: TAX MAP 238, LOT 44-1
 - THE INTENT OF THIS PLAN IS TO PROVIDE UTILITY AND ENGINEERING DETAILS OF LOT 44-1 & LOT 44. EXISTING CONTOURS ARE PROVIDED AT 1' INTERVALS AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.
 - SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERMETER CONTROL (MULCH BERM / FENCE / SILT SOCK). ESESE IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
 - SEE OVERVIEW UTILITY PLAN FOR STANDARD UTILITY NOTES.
 - SEE EASEMENT PLAN, SHEET #4, FOR APPLICABLE EASEMENTS FOR LOT 44-1 AND LOT 44.

- EXISTING LEGEND:**
- IRON BOUND/IRON ROD (FND)
 - IRON PIPE (FND)
 - STONE BOUND (FND)
 - UTILITY POLE / GUY WIRE
 - SINGLE POST SIGN
 - TEMPORARY BENCHMARK
 - WELL
 - TESTHOLE
 - PERMETER BOUNDARY LINE
 - EXISTING CONSERVATION EASEMENT LINE
 - BUILDING SETBACK LINE
 - NHDES PROTECTIVE WELL RADIUS
 - OVERHEAD UTILITIES
 - EXISTING CONTOUR MINOR
 - EXISTING CONTOUR MAJOR
 - POORLY DRAINED WETLAND LINE
 - VERY POORLY DRAINED WETLAND LINE
 - 50' WETLAND BUFFER LINE
 - TREE LINE
 - FND FOUND
 - TYP TYPICAL
 - S.C.R.D. STRAFFORD COUNTY
REGISTRY OF DEEDS



UTILITY PLAN VIEW CIRCULATION 9+50 TO END



UTILITY PROFILE VIEW CIRCULATION 9+50 TO END

REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

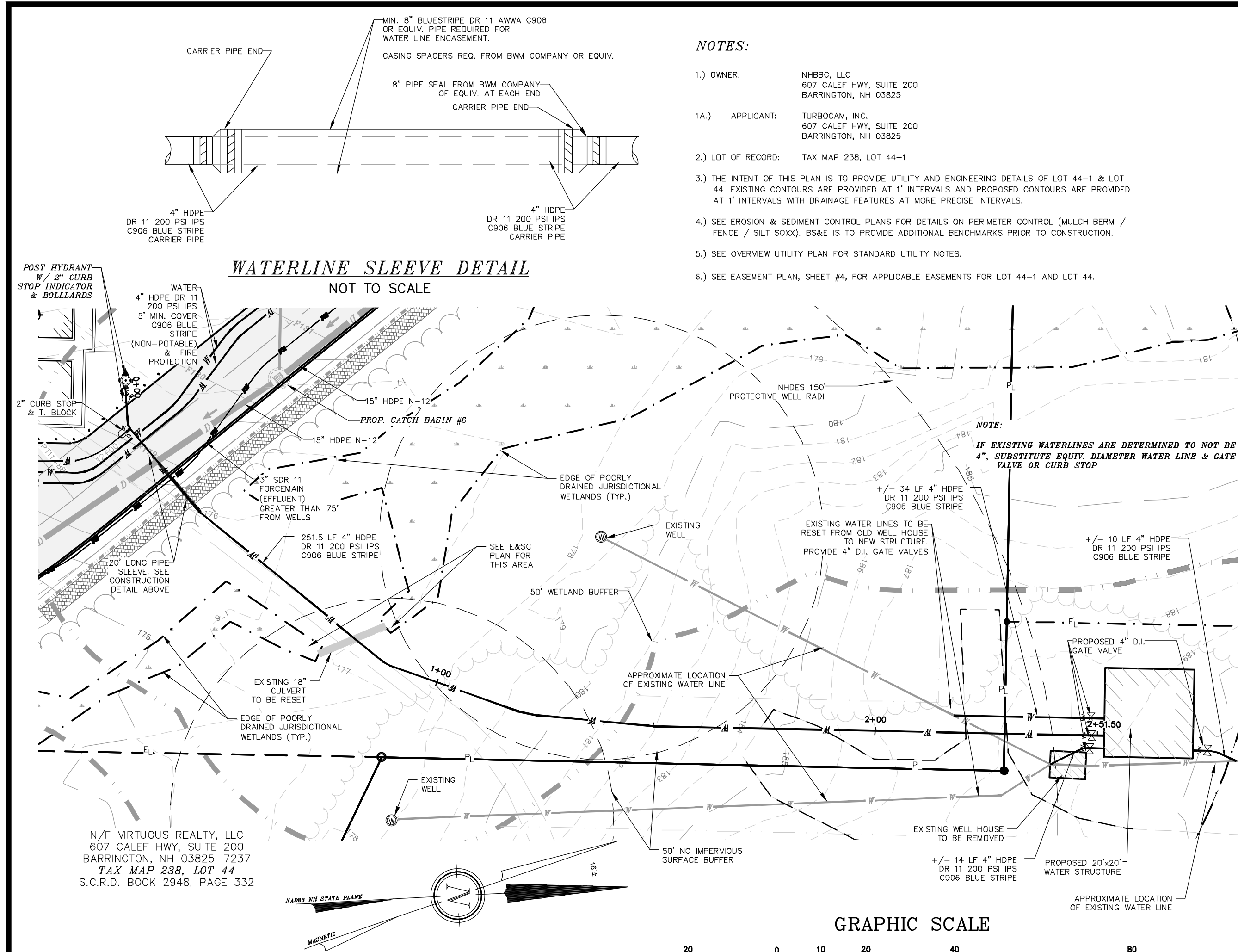
UTILITY PLAN & PROFILE CIRCULATION 9+00 TO END

FOR
TURBOCAM, INC.
LAND OF
NHBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

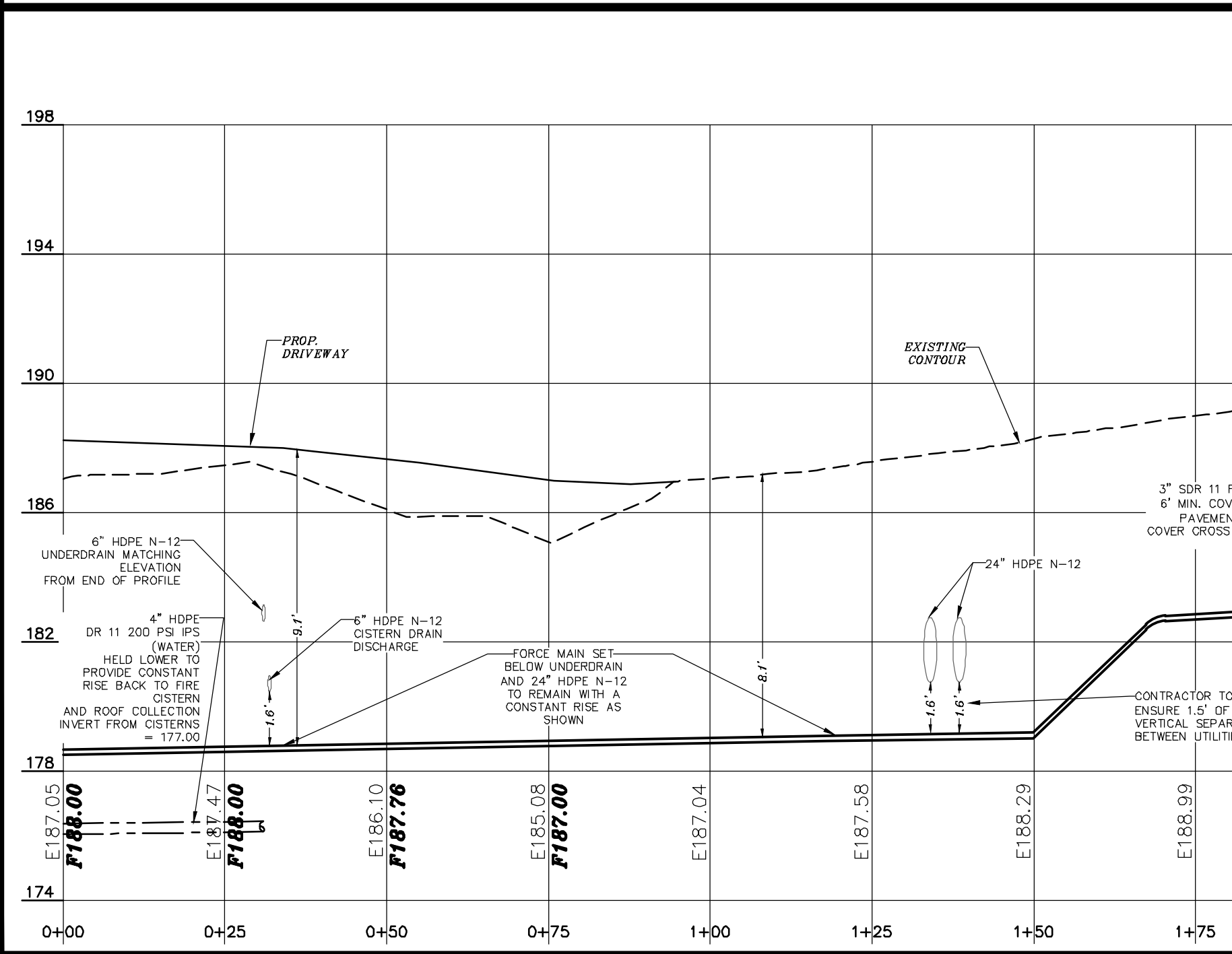
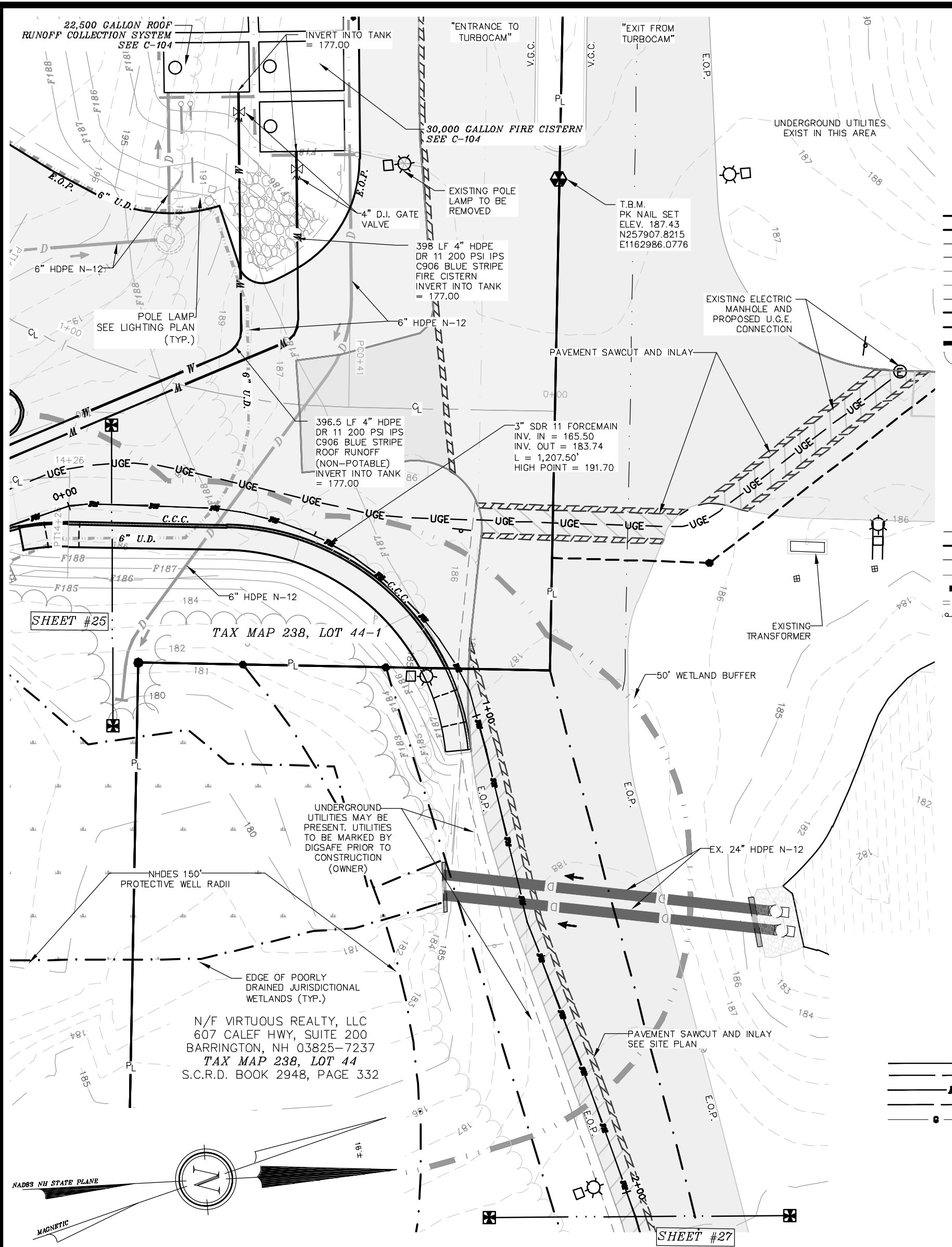
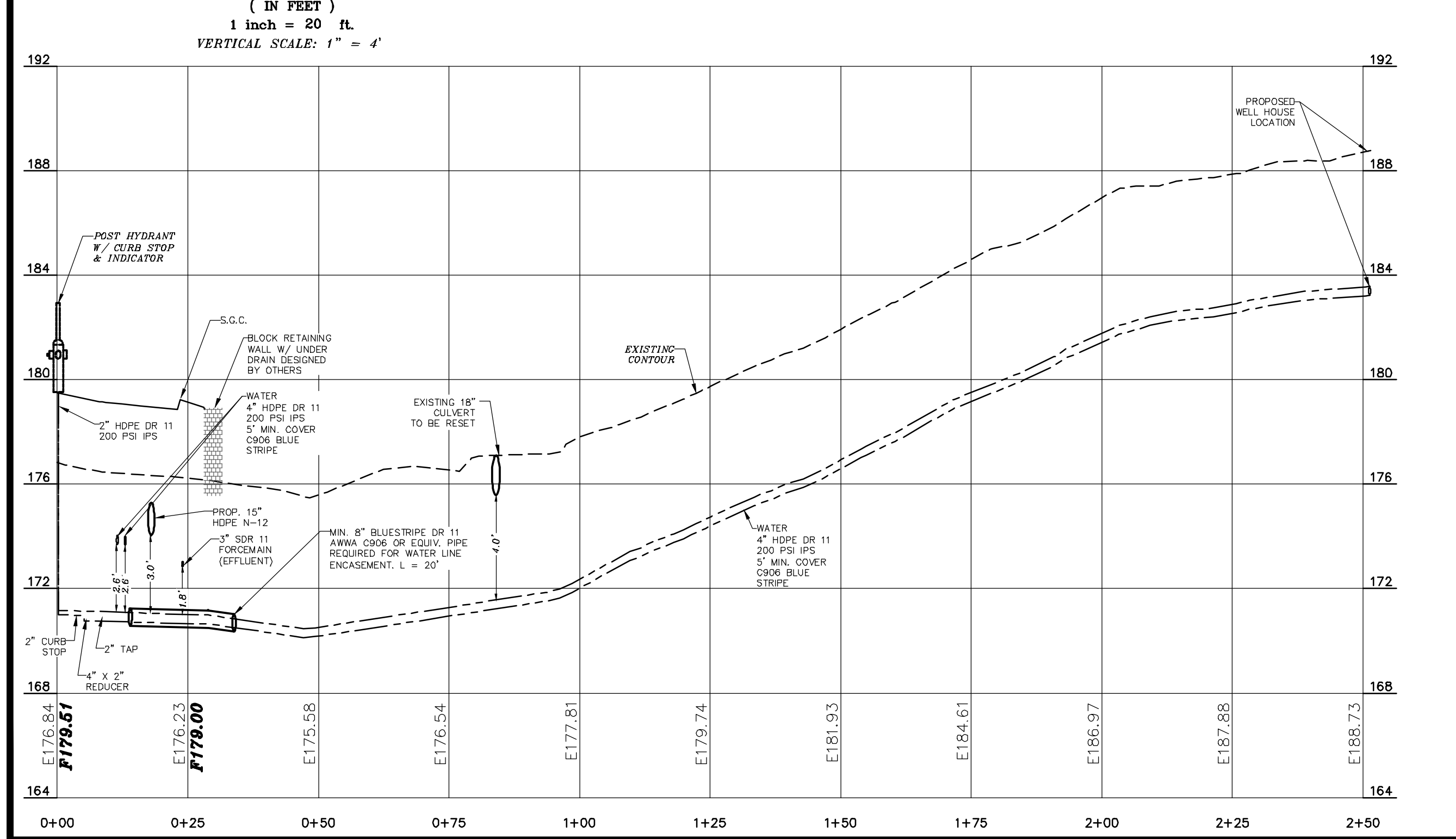
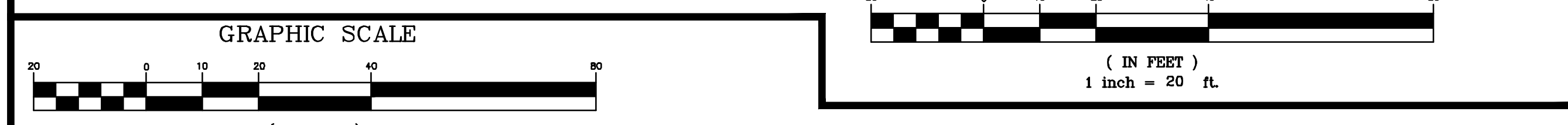
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 20 FT.
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023 - 017

KENNETH A. BERRY
No. 14243
PROFESSIONAL ENGINEER

SHEET 25 OF 51



- NOTES:**
- 1.) OWNER: NHBBC, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - 1A.) APPLICANT: TURBOCAM, INC.
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - 2.) LOT OF RECORD: TAX MAP 238, LOT 44-1
 - 3.) THE INTENT OF THIS PLAN IS TO PROVIDE UTILITY AND ENGINEERING DETAILS OF LOT 44-1 & LOT 44. EXISTING CONTOURS ARE PROVIDED AT 1' INTERVALS AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE FREQUENT INTERVALS.
 - 4.) SEE EROSION & SEDIMENT CONTROL PLANS FOR DETAILS ON PERIMETER CONTROL (MULCH BERM / FENCE / SILT SOXX), BS&E IS TO PROVIDE ADDITIONAL BENCHMARKS PRIOR TO CONSTRUCTION.
 - 5.) SEE OVERVIEW UTILITY PLAN FOR STANDARD UTILITY NOTES.
 - 6.) SEE EASEMENT PLAN, SHEET #4, FOR APPLICABLE EASEMENTS FOR LOT 44-1 AND LOT 44.



- EXISTING LEGEND:**
- IRON BOUND/IRON ROD (FND)
 - IRON PIPE (FND)
 - STONE BOUND (FND)
 - UTILITY POLE / GUY WIRE
 - SINGLE POST SIGN
 - TEMPORARY BENCHMARK
 - WELL
 - TESTHOLE
 - PERIMETER BOUNDARY LINE
 - EXISTING CONSERVATION EASEMENT LINE
 - BUILDING SETBACK LINE
 - NHDES PROTECTIVE WELL RADIUS
 - OVERHEAD UTILITIES
 - EXISTING CONTOUR MINOR
 - EXISTING CONTOUR MAJOR
 - POORLY DRAINED WETLAND LINE
 - VERY POORLY DRAINED WETLAND LINE
 - 50' WETLAND BUFFER LINE
 - TREE LINE
 - FND FOUND
 - TYP TYPICAL
 - S.C.R.D. STRAFFORD COUNTY REGISTER OF DEEDS
- PROPOSED LEGEND:**
- TEMPORARY BENCHMARK (T.B.M.)
 - DETAIL SHEET / DETAIL
 - CONTOUR MINOR, PROPOSED
 - CONTOUR MAJOR, PROPOSED
 - ROAD CENTERLINE
 - SHOULDER
 - DRAIN CULVERT W/ FLARED END SECTION (F.E.S.)
 - GUARDRAIL
 - RIP RAP
 - STORMWATER BEST MANAGEMENT PRACTICE (BMP)
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 - STORMTECH CHAMBERS/ISOLATOR ROW
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 - CATCH BASIN W/ STRUCTURE
 - STORMWATER BMP OUTLET STRUCTURE
 - TRANSFORMER / JBOX
 - UNDERGROUND UTILITY
 - GATE VALVE
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 - LIGHT TYPE "A" MOUNTED ON POLE
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 - PROPOSED WATER SERVICE
 - PROPOSED EFFLUENT FORCEMAIN
 - PROPOSED GRAVITY SEWER SERVICE
 - PROPOSED GAS LINE / LP TANK
 - EFFLUENT DISPOSAL AREA

PLAN VIEW FORCEMAIN 0+00-3+75
PROFILE VIEW FORCEMAIN 0+00-3+75

#	REVISION	DATE	DESCRIPTION
#1A	04-04-24		BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

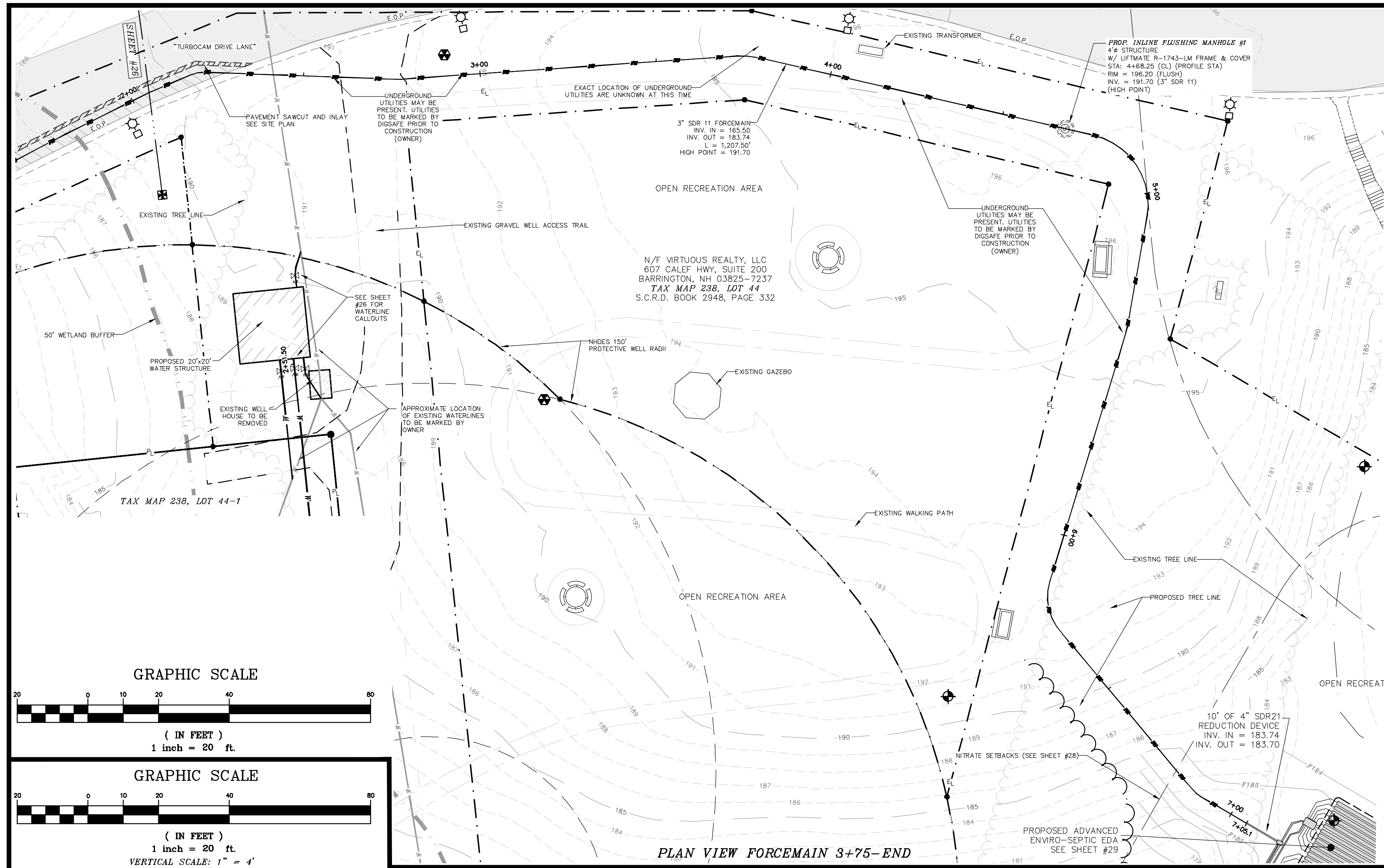
FOR TURBOCAM, INC.
LAND OF
NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 20 FT.
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023 - 017

KENNETH A. BERRY
No. 14243
REGISTERED PROFESSIONAL ENGINEER

FOR TOWN APPROVAL PURPOSES:
THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

SHEET 26 OF 51



PLAN VIEW FORCEMAIN 3+75-END
PROFILE VIEW FORCEMAIN 3+75-END

EXISTING LEGEND:

- IRON BOUND/IRON ROD (FND)
- IRON PIPE (FND)
- STONE BOUND (FND)
- UTILITY POLE / GUY WIRE
- SINGLE POST SIGN
- TEMPORARY BENCHMARK
- WELL
- TESTHOLE
- PERIMETER BOUNDARY LINE
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- TREE LINE
- FND TYP
- S.C.R.D.
- STRAFFORD COUNTY
- REGISTRY OF DEEDS

PROPOSED LEGEND:

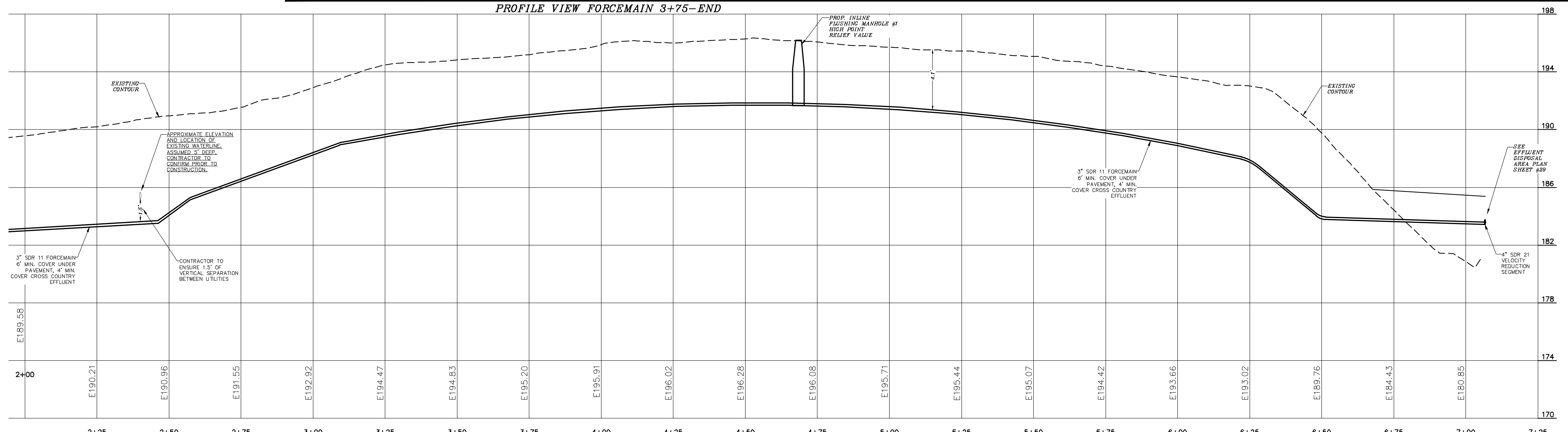
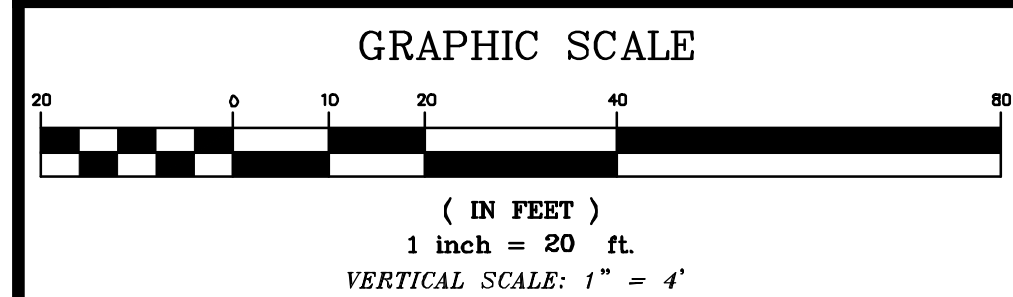
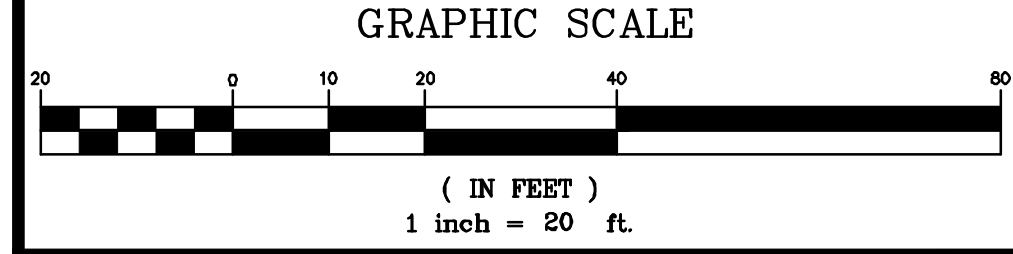
- TEMPORARY BENCHMARK (T.B.M.)
- DETAIL SHEET / DETAIL
- CONTOUR MINOR, PROPOSED
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- ROAD CENTERLINE
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- PROPOSED EFFLUENT FORCEMAIN
- PROPOSED GRAVITY SEWER SERVICE
- PROPOSED GAS LINE / LP TANK
- EFFLUENT DISPOSAL AREA

NOTES:

- OWNER: NHBC, LLC 607 CALEF HWY, SUITE 200 BARRINGTON, NH 03825
- APPLICANT: TURBOCAM, INC. 607 CALEF HWY, SUITE 200 BARRINGTON, NH 03825
- LOT OF RECORD: TAX MAP 238, LOT 44-1
- THE INTENT OF THIS PLAN IS TO PROVIDE UTILITY AND ENGINEERING DETAILS OF LOT 44-1 & LOT 44. EXISTING CONTOURS ARE PROVIDED AT 1' INTERVALS AND PROPOSED CONTOURS ARE PROVIDED AT 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.
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- SEE OVERVIEW UTILITY PLAN FOR STANDARD UTILITY NOTES.
- SEE EASEMENT PLAN, SHEET #4, FOR APPLICABLE EASEMENTS FOR LOT 44-1 AND LOT 44.

FOR TOWN APPROVAL PURPOSES:

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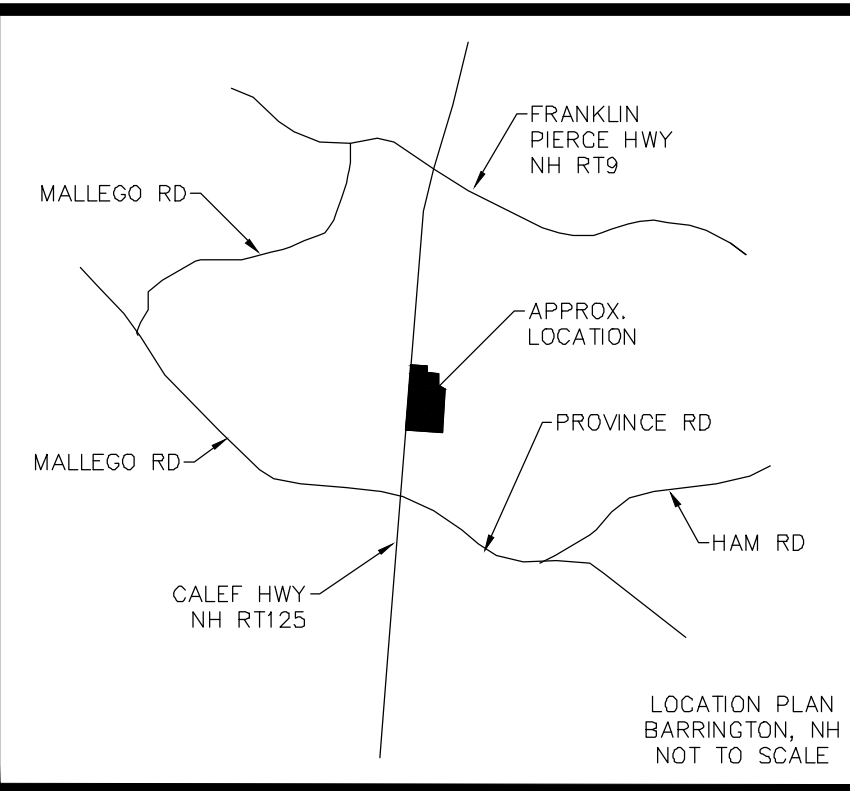
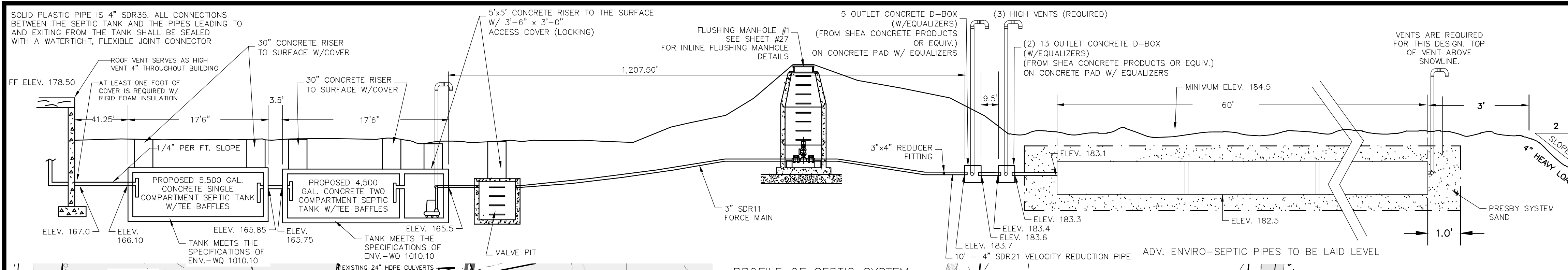


#	REVISION	DATE	DESCRIPTION
1A	04-04-24		BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

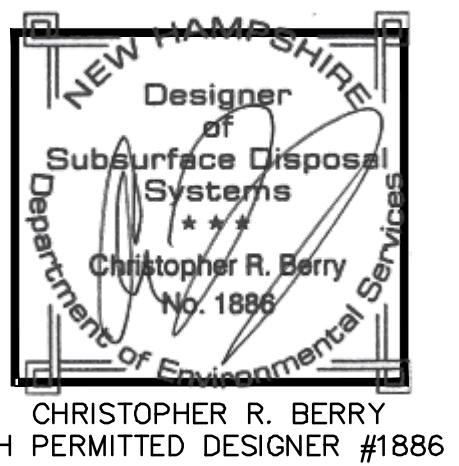
FOR
TURBOCAM, INC.
LAND OF
NHBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 20 FT.
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023 - 017

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



- NOTES :**
- OWNER: NHBBC, LLC
607 CALEF HIGHWAY, SUITE 200
BARRINGTON, NH 03825
 - DESIGNER: CHRISTOPHER R. BERRY, PERMIT #1886
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825
 - TAX MAP 238, LOT 44-1
 - LOT AREA: 346,833 Sq.Ft., 7.96 Ac.
 - S.C.R.D. BOOK 3689, PAGE 754
 - SUBDIVISION STATUS: GREATER THAN 5 Ac.
 - FOUNDATION DRAINS WILL START AT LEAST 15' FROM THE LEACH FIELD, AND AT LEAST 5' FROM THE SEPTIC TANK.
 - THERE IS NO POORLY DRAINED SOILS WITHIN 50', OR SURFACE WATER 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.

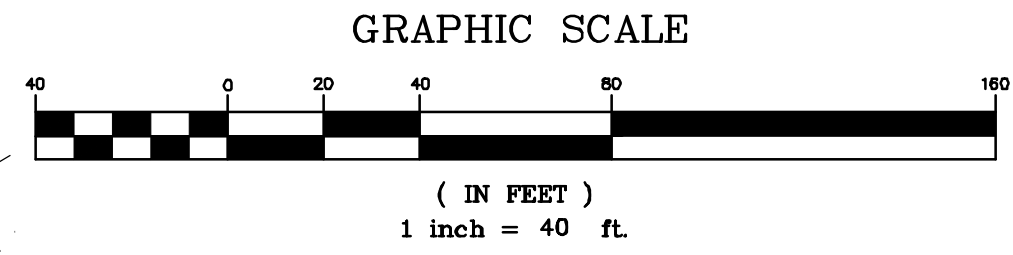


CHRISTOPHER R. BERRY
NH PERMITTED DESIGNER #1886

- CALCULATIONS :**
- FACTORY W/O CAFETERIA OR SHOWERS - 10 GPD/PERSON
 150 EMPLOYEES x 10 = 1,500 GPD
 UNSPECIFIED OFFICE SPACE - 11,000 S.F./ 5 GPD/100 S.F.
 11,000/100 = 110 x 5 = 550 GPD
 COUNTRY CLUB SNACK BAR - 10 GPD/SEAT
 100 SEATS x 10 = 1,000 GPD
 TOTAL PROPOSED GPD = 3,050
- USE (1) 5,500 GAL. SINGLE COMPARTMENT CONCRETE SEPTIC TANK, H2O LOADING AND (1) 4,500 GAL. TWO COMPARTMENT CONCRETE SEPTIC TANK, H2O LOADING. (FROM SHEA CONCRETE PRODUCTS OR EQUIV.)
- 4 MIN./IN MEASURED PERC RATE
 4 MIN./IN DESIGN PERC RATE
 47' - ADVANCED ENVIRO-SEPTIC PIPE PER 100 GPD
 3,050 GPD / 100 = 30.5 x 47' = 1434'
 1,434' - MIN. LENGTH ADV. ENVIRO-SEPTIC PIPE REQUIRED
 1,444' - PROPOSED LENGTH OF ADV. ENVIRO-SEPTIC PIPE
 144 - TOTAL NUMBER OF 10' SECTIONS OF ADV. ENVIRO-SEPTIC PIPE REQUIRED
 24 ROWS OF ADV. ENVIRO-SEPTIC PIPE, EACH ROW 60' LONG

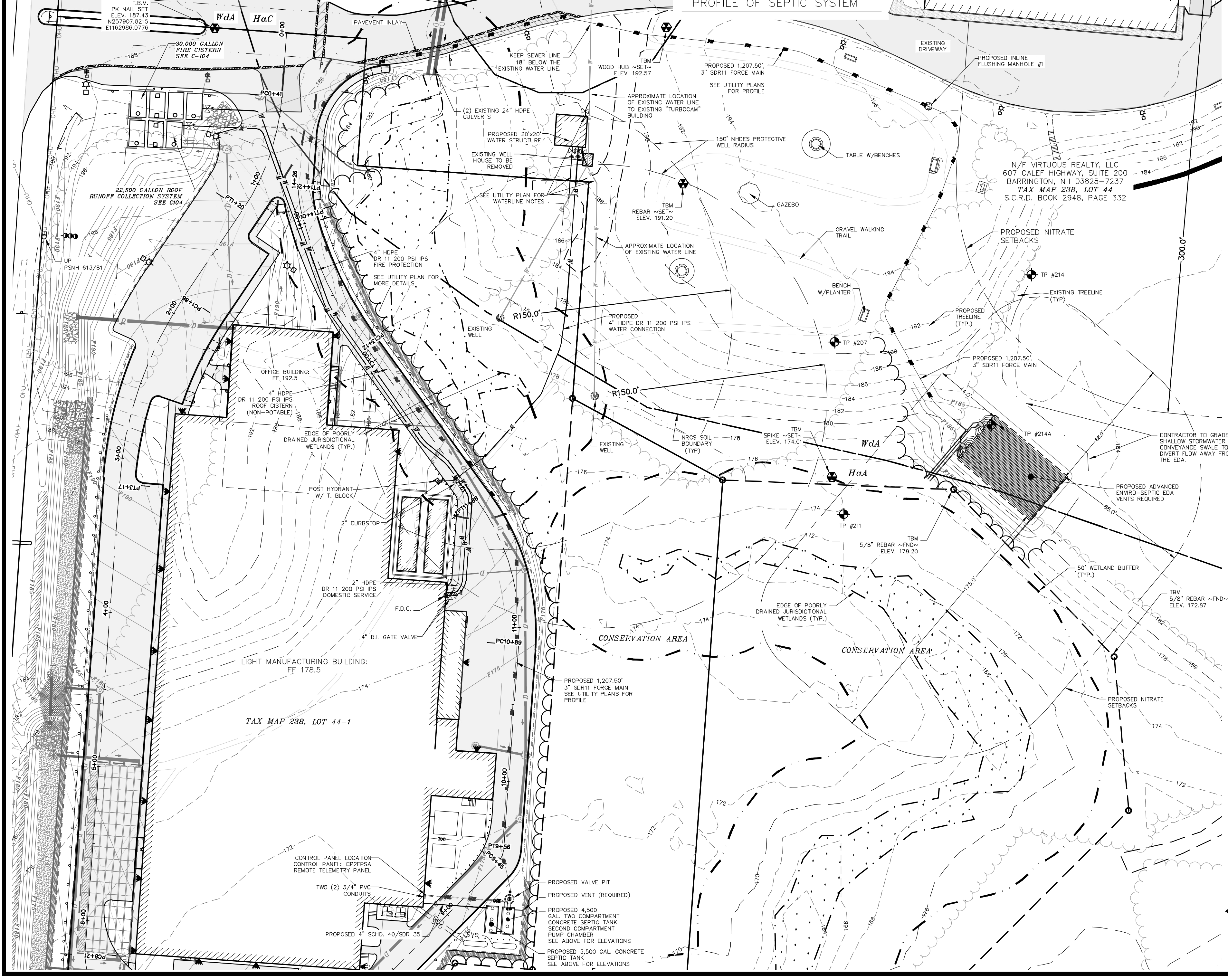
- LOT LOADING :**
- TAX MAP 238, LOT 44**
- HaA* - HICKLEY - 7.54 Ac. - GOUP 1 - SLF = 1.0
15,087 GPD
- HaC* - HICKLEY - 3.70 Ac. - GROUP 1 - SLF = 1.1
6,719 GPD
- Sb* - SAUGATUCK - 4.23 Ac. - GROUP 5 - SLF = 3.0
2,823 GPD
- WdA* - WINDSOR - 12.47 Ac. - GROUP 1 - SLF = 1.0
24,940 GPD
- TOTAL GPD: 49,569 GPD
 WELL RADIUS AREA IN GROUP 1 SOIL: 36,623 Sq.Ft., 1,682 GPD
 ADJUSTED TOTAL GPD: 47,887 GPD

- SOIL DATA :**
- HaA* - HICKLEY, LOAMY SAND, 0-3% SLOPES
HaC - HICKLEY, LOAMY SAND, 8-15% SLOPES
WdA - WINDSOR, LOAMY SAND, 0-3% SLOPES
- SEE: USDA/NRCS WEBSOIL
- 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.



FOR PLANNING BOARD APPROVAL PURPOSES:

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

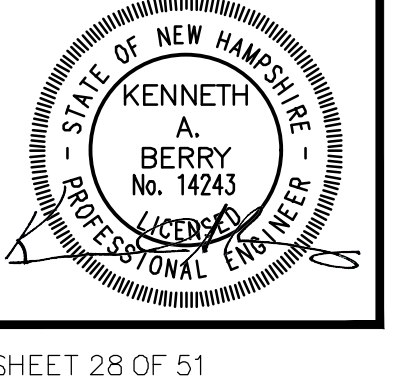


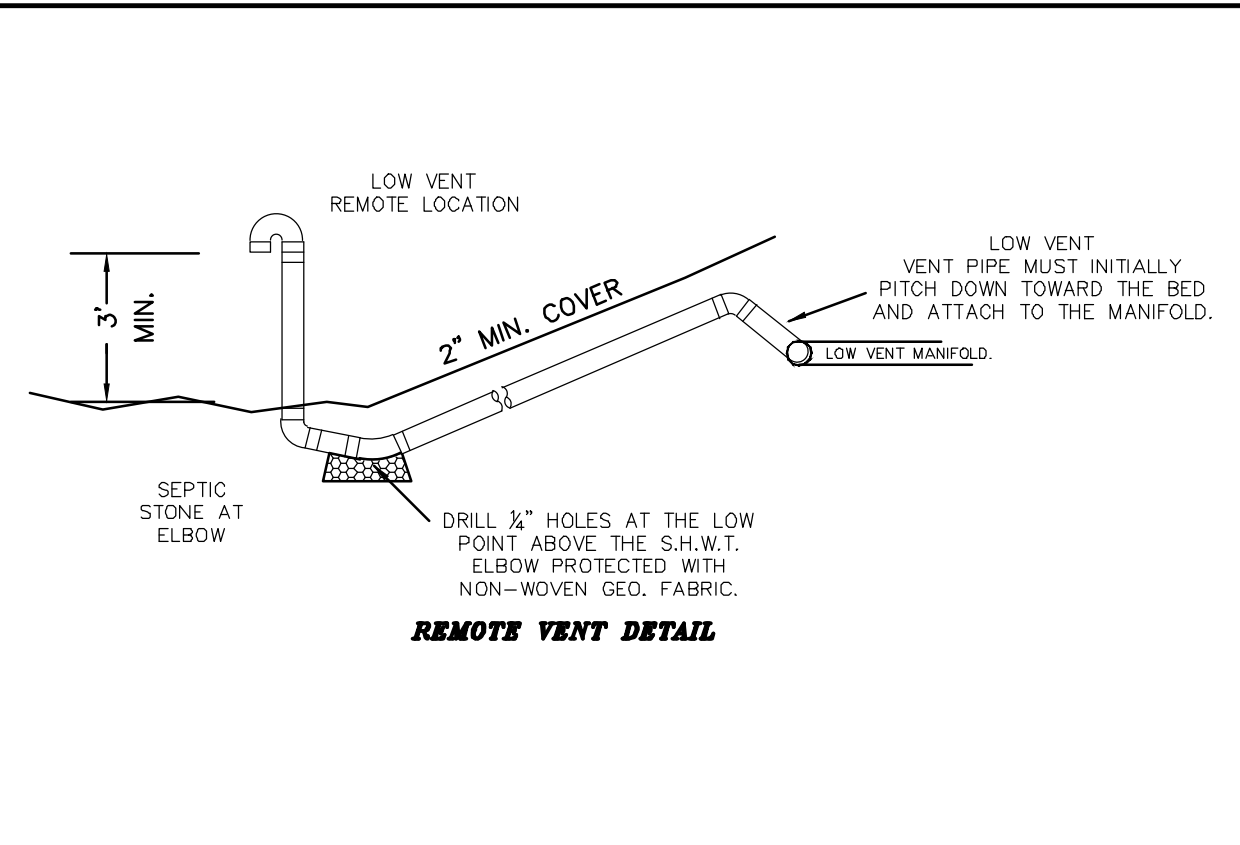
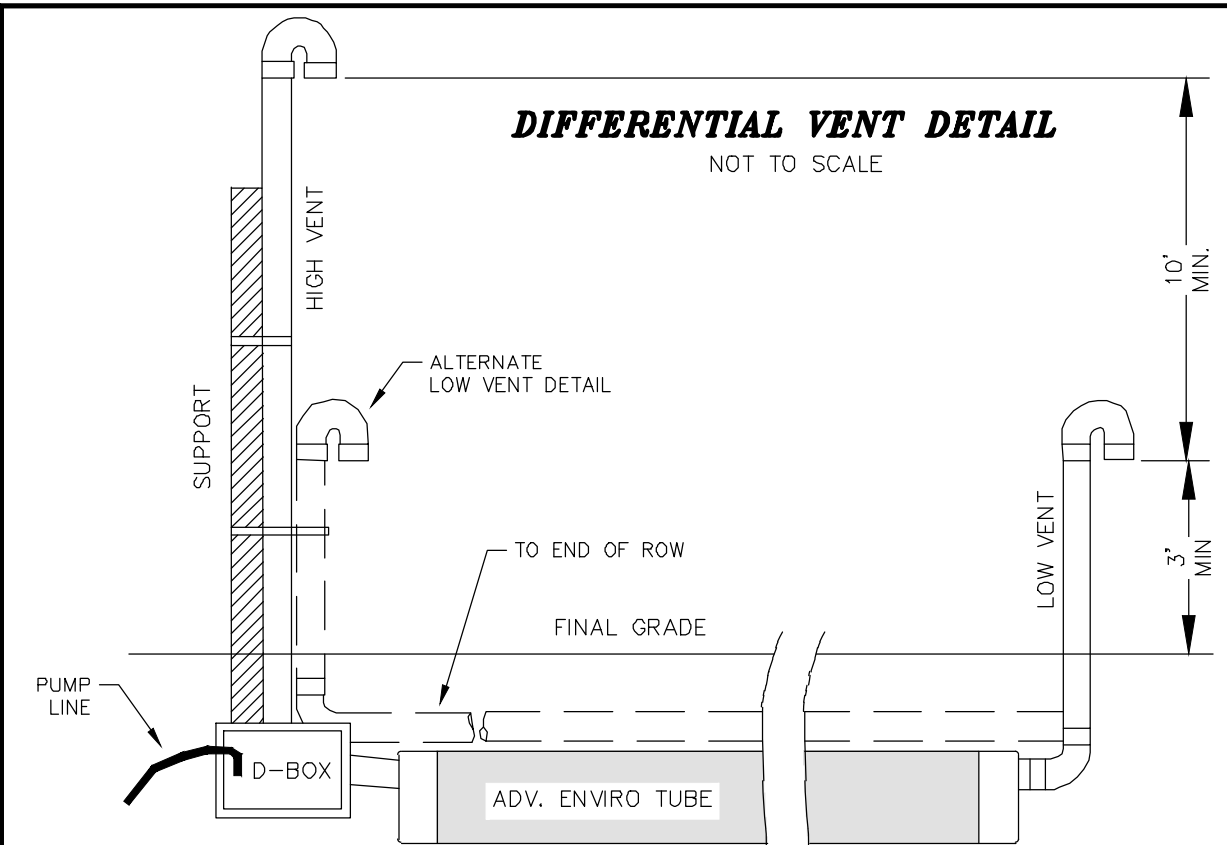
#	REVISION	DATE	DESCRIPTION
1		04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

OVERVIEW SEPTIC & FOREMAIN PLAN

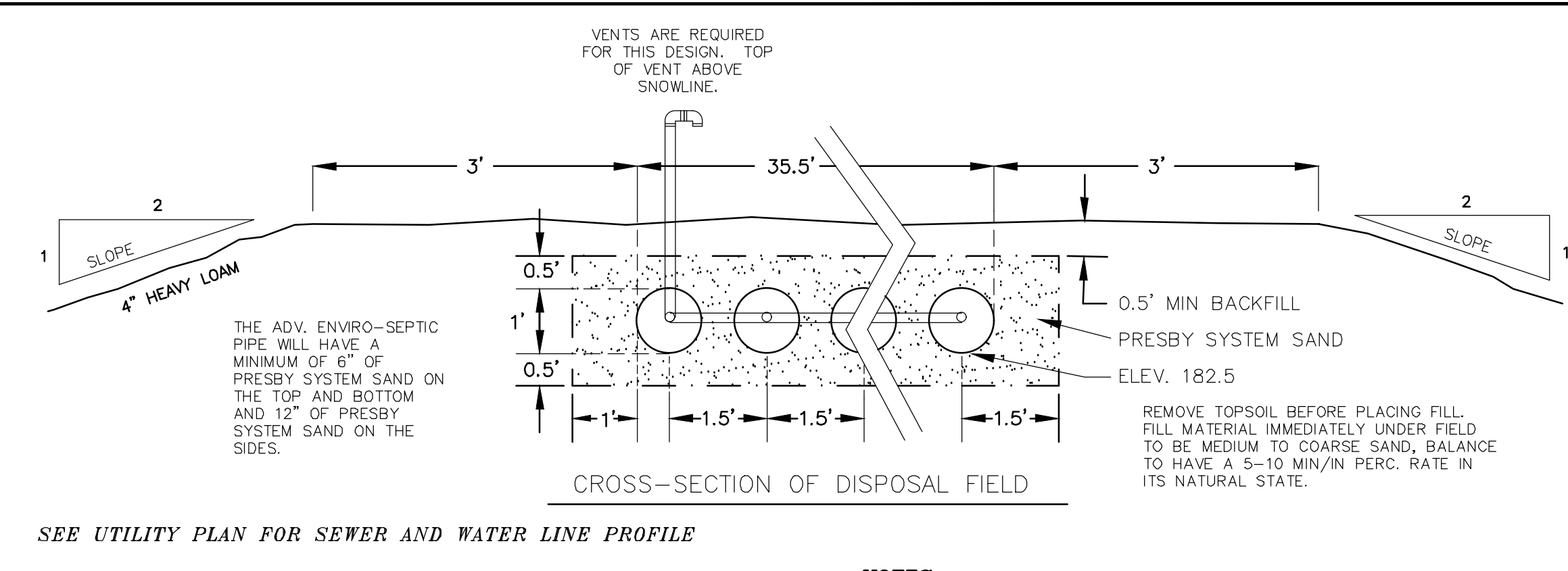
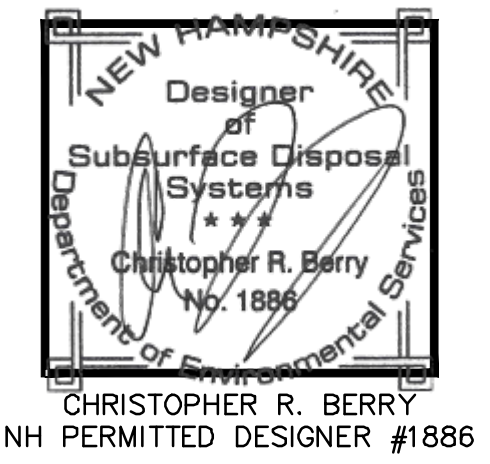
FOR TURBOCAM, INC.
 LAND OF
 NHBBC, LLC
 NH ROUTE 125/CALEF HIGHWAY
 BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE : 1 IN. EQUALS 40 FT.
 DATE : FEBRUARY 5, 2024
 FILE NO. : DB 2023 - 017





TEST PIT DATA:
 DATE : 1/22/24
 TEST PIT #214A
 0-6" 10YR 3/2 DARK GRAYISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 6-24" 10YR 6/4 LIGHT YELLOWISH BROWN, LOAMY SAND, GRANULAR, FRIABLE
 24-36" 10YR 3/1 VERY DARK GRAY, LOAMY FINE SAND, GRANULAR, FRIABLE
 36-52" 2.5Y 6/3 LIGHT YELLOWISH BROWN, SAND AND FINE SAND WITH REDOX. FEATURES PRESENT, MASSIVE, FRIABLE
 E.S.H.W.T. @ 36"
 RESTRICTIVE LAYER @ N/A
 GROUND WATER @ N/A
 TERMINATED @ 52"
 REFUSAL @ N/A



PUMP DATA :
 BRAND: LIBERTY FL150 EFFLUENT PUMP (2) DUAL ALTERNATING
 SEE U-102 FOR DETAILS

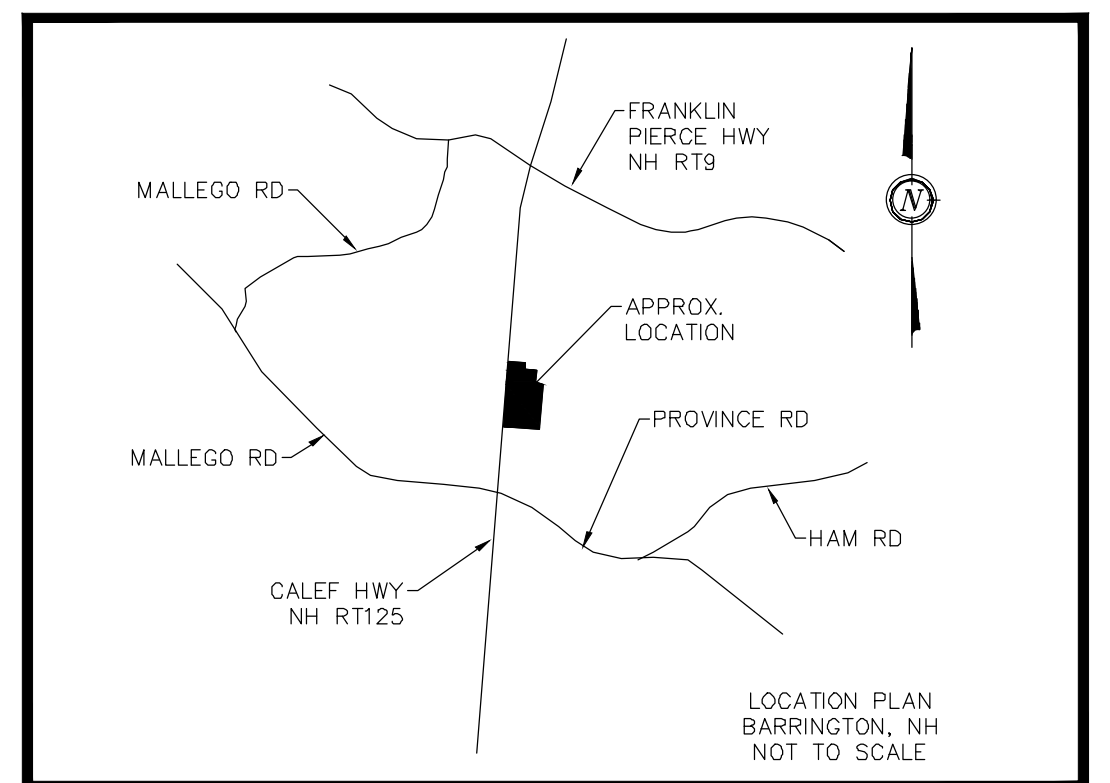
CALCULATIONS :
 FACTORY W/O CAFETERIA OR SHOWERS - 10 GPD/PERSON
 150 EMPLOYEES x 10 = 1,500 GPD
 UNSPECIFIED OFFICE SPACE - 11,000 S.F. / 5 GPD/100 S.F.
 11,000/100 = 110 x 5 = 550 GPD
 COUNTRY CLUB SNACK BAR - 10 GPD/SEAT
 100 SEATS x 10 = 1,000 GPD
 TOTAL PROPOSED GPD = 3,050

- NOTES :**
- OWNER: NHBBC, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - DESIGNER: CHRISTOPHER R. BERRY, PERMIT #1886
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825
 - TAX MAP 238, LOT 44-1
 - LOT AREA: 346,833 Sq.Ft., 7.96 Ac.
 - S.C.R.D. BOOK 3689, PAGE 754
 - SUBDIVISION STATUS: GREATER THAN 5 Ac.
 - FOUNDATION DRAINS WILL START AT LEAST 15' FROM THE LEACH FIELD, AND AT LEAST 5' FROM THE SEPTIC TANK.
 - THERE IS NO POORLY DRAINED SOILS WITHIN 50', OR SURFACE WATER 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.

ENVIRO-SEPTIC NOTE:
 THIS IS AN ADVANCED ENVIRO-SEPTIC DESIGN, WHICH USES 2.5 FEET TO 5 H.W.T. IFA APPROVAL # 2006-03-01

ELEVATIONS :
 183.0 - HIGH POINT OF LEACH BED
 180.0 - 5 H.W.T.
 N/A - IMPERVIOUS LAYER
 182.5 - BOTTOM OF ADV. ENVIRO-SEPTIC PIPES

PLAN INTENT :
 THE SEPTIC SYSTEM IS TO BE CONSTRUCTED WITH THE BOTTOM OF THE LEACH BED 0.5' BELOW THE HIGH POINT OF THE EXISTING LAND. IN THE EVENT OF LEACH BED FAILURE, IT MAY BE REBUILT IN PLACE WITH NHDES APPROVAL.

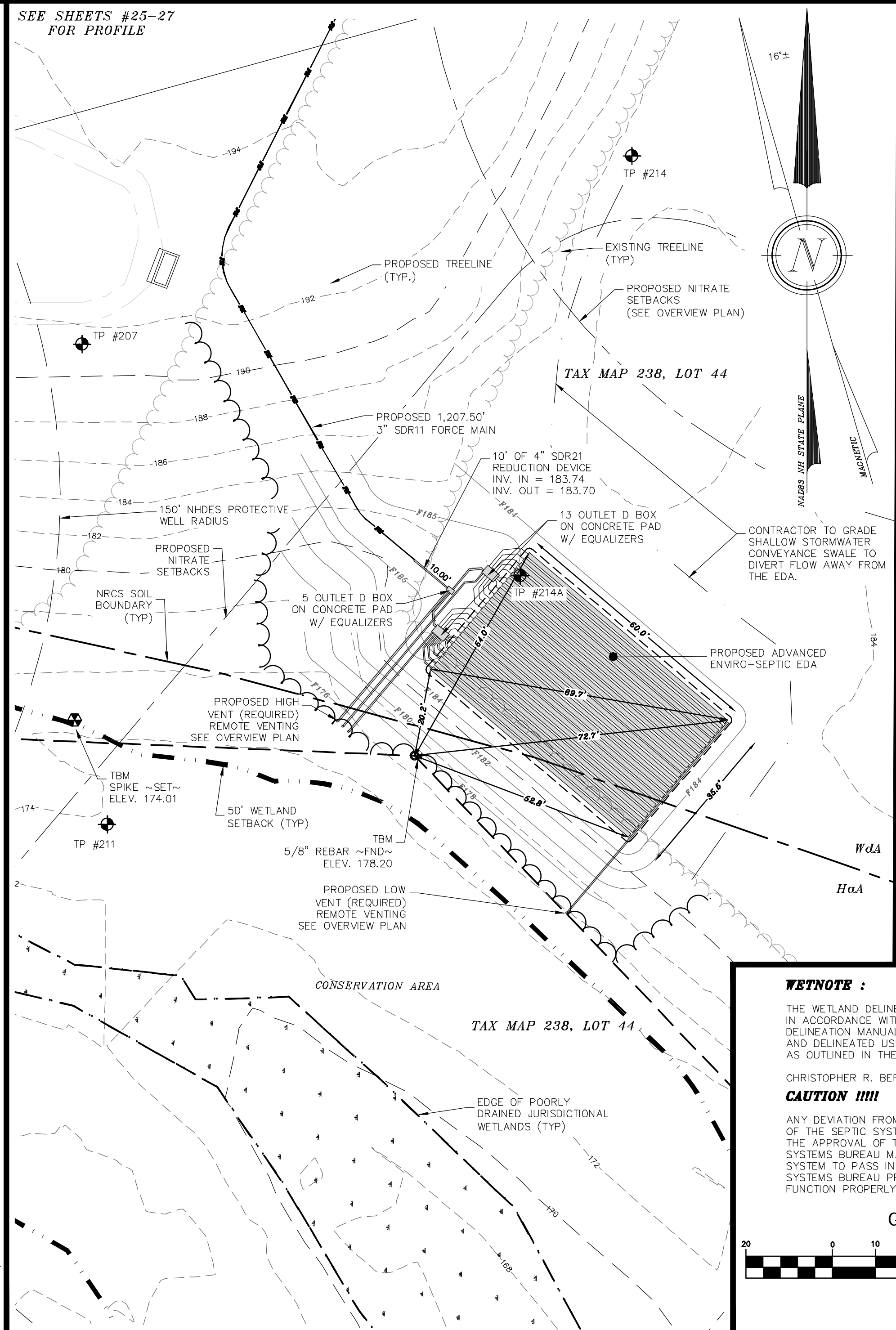
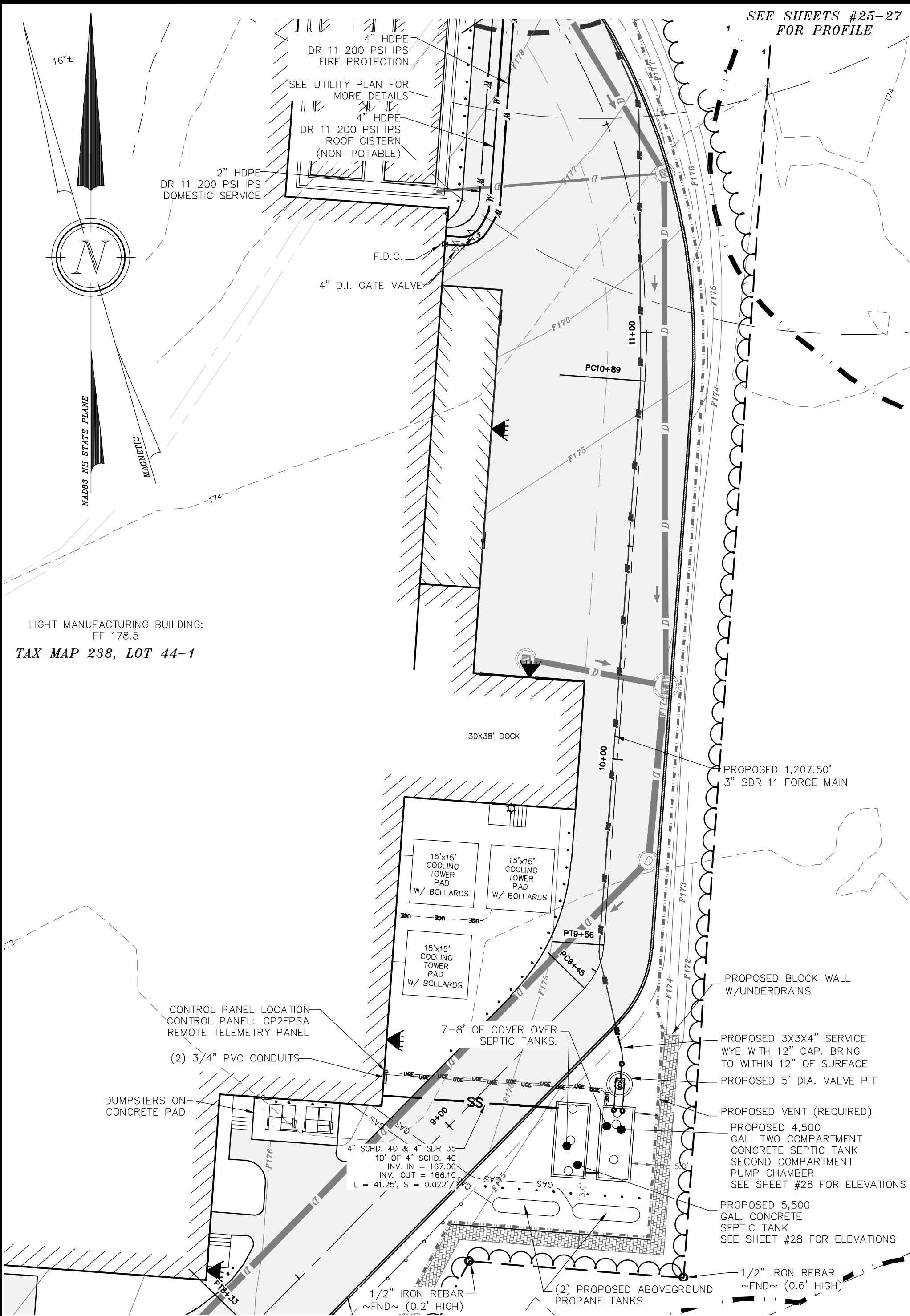
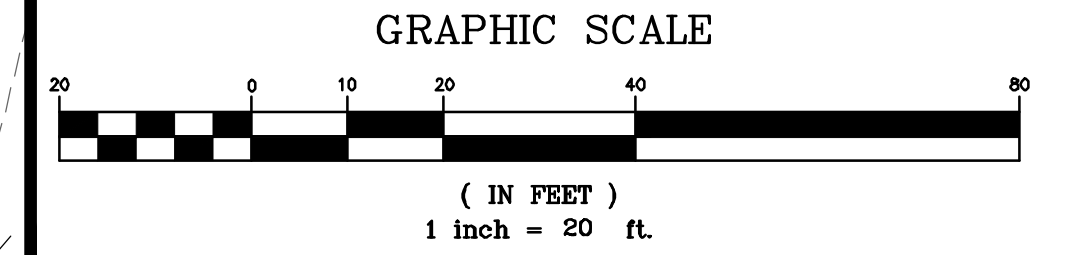


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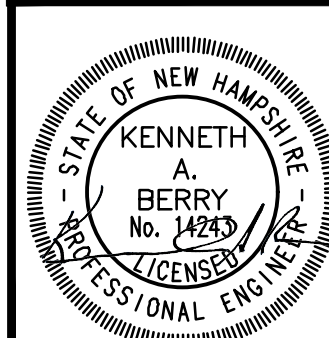
THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATION MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

WETNOTE :
 THE WETLAND DELINEATION WAS COMPLETED SPRING, 2023 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.



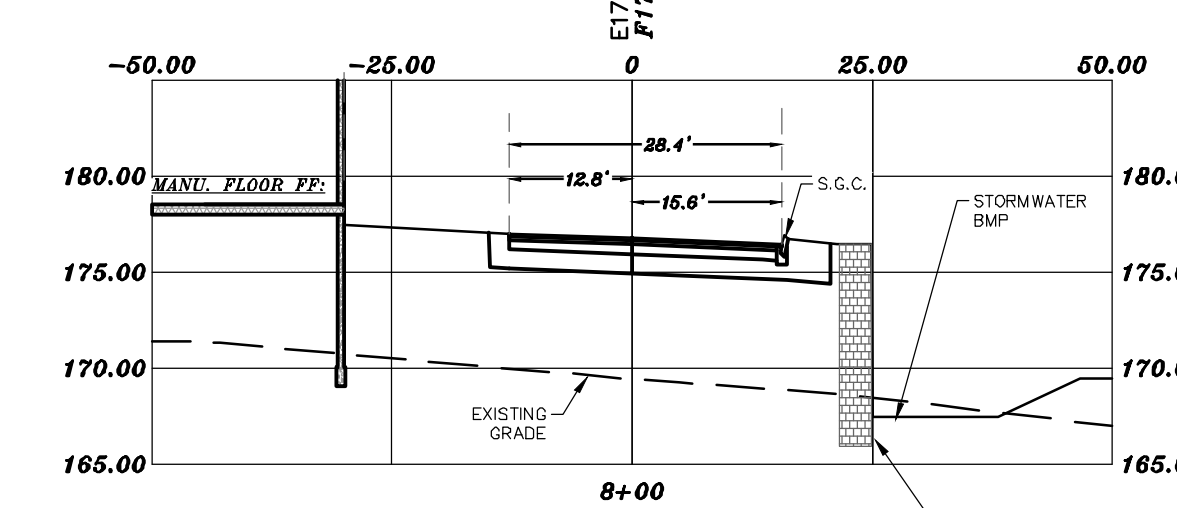
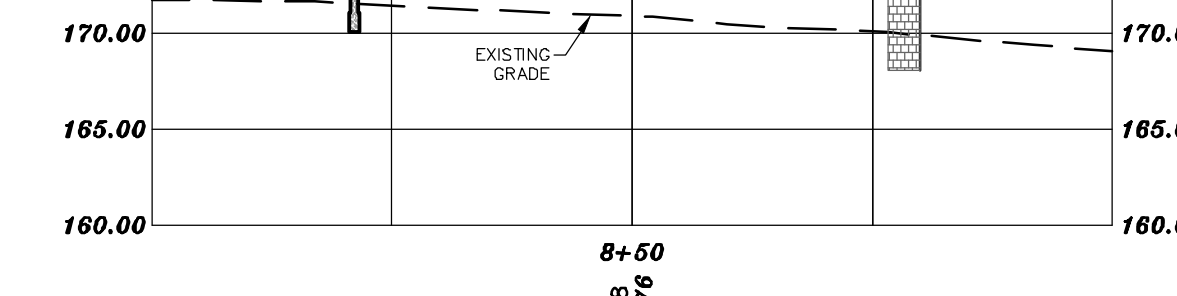
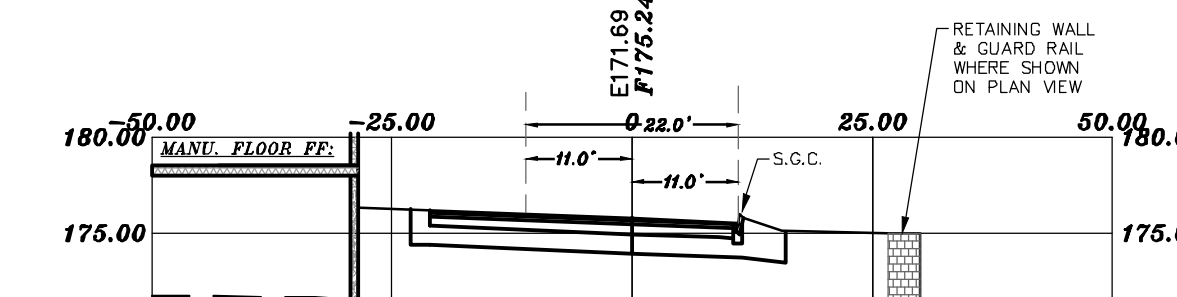
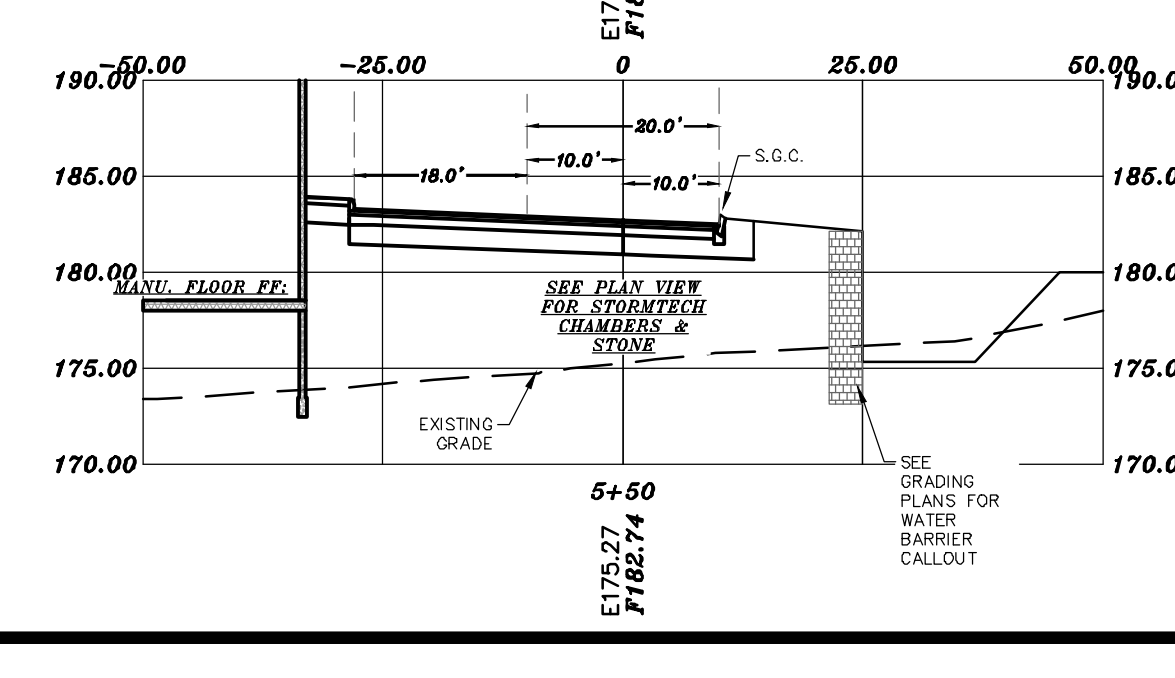
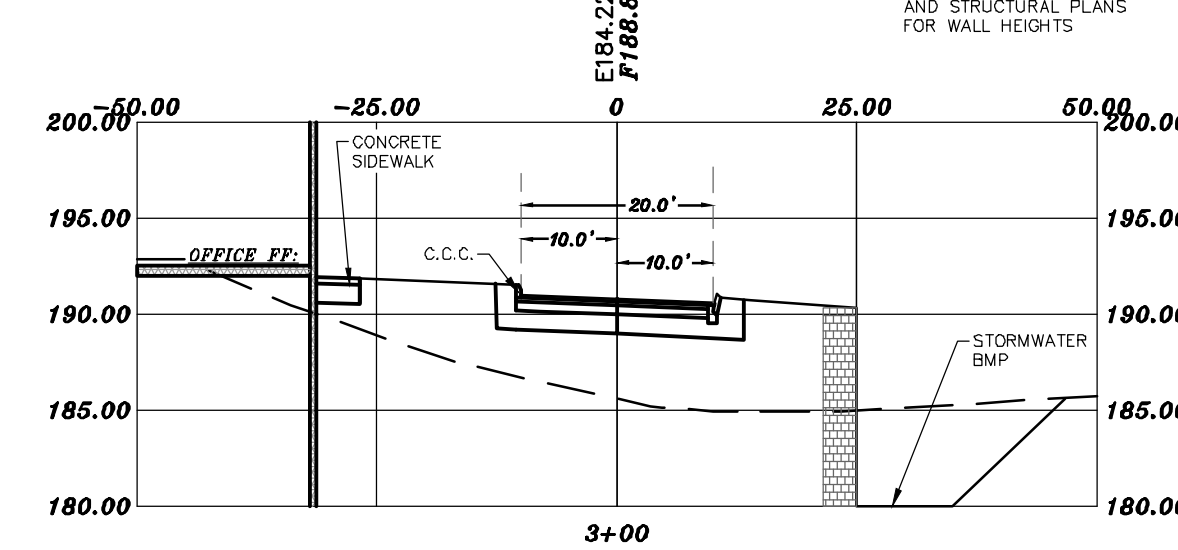
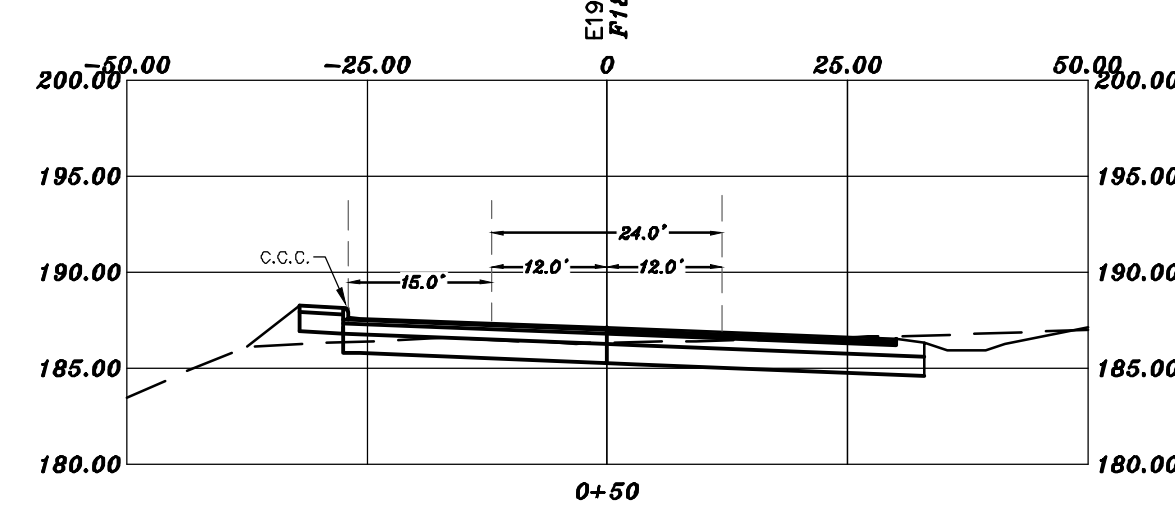
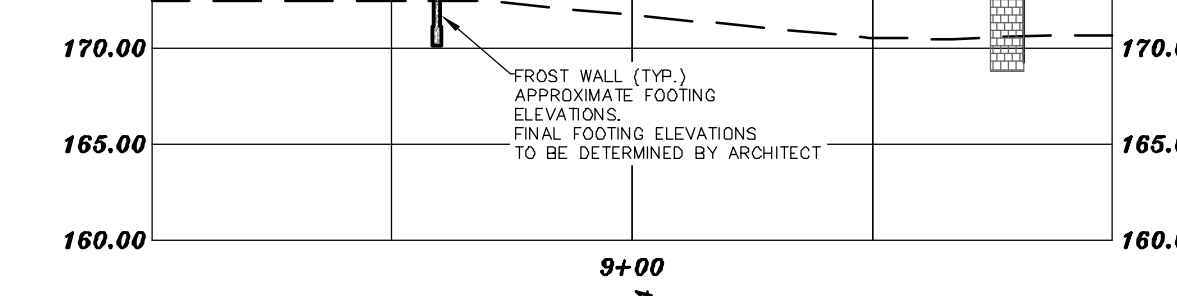
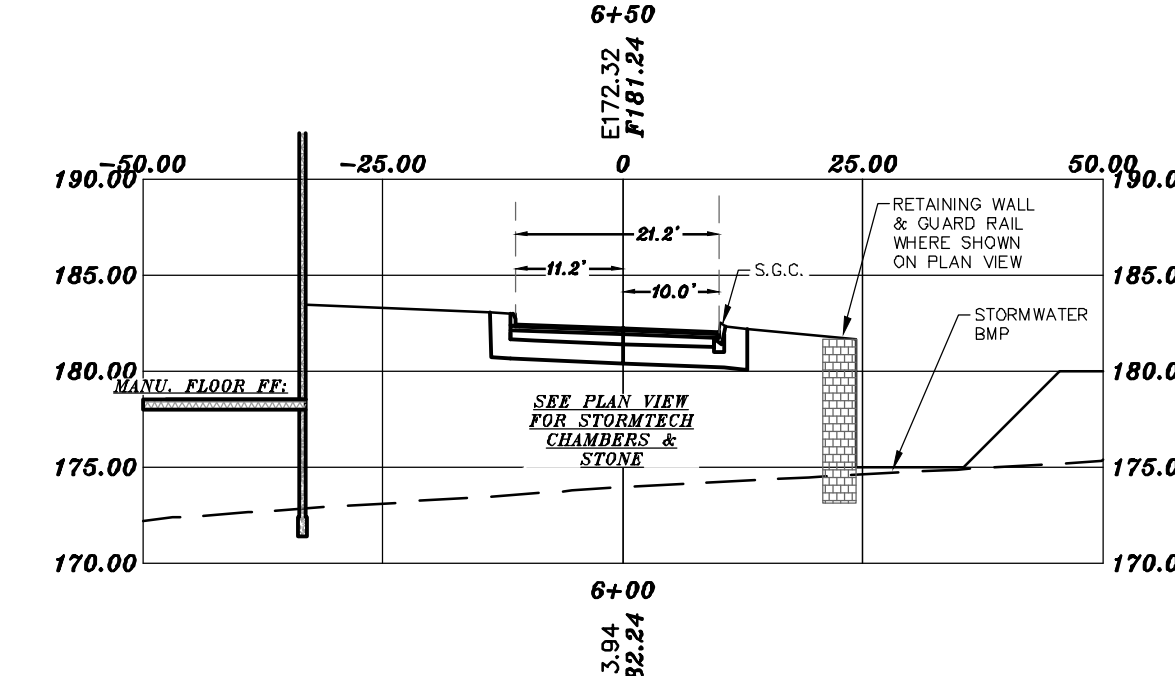
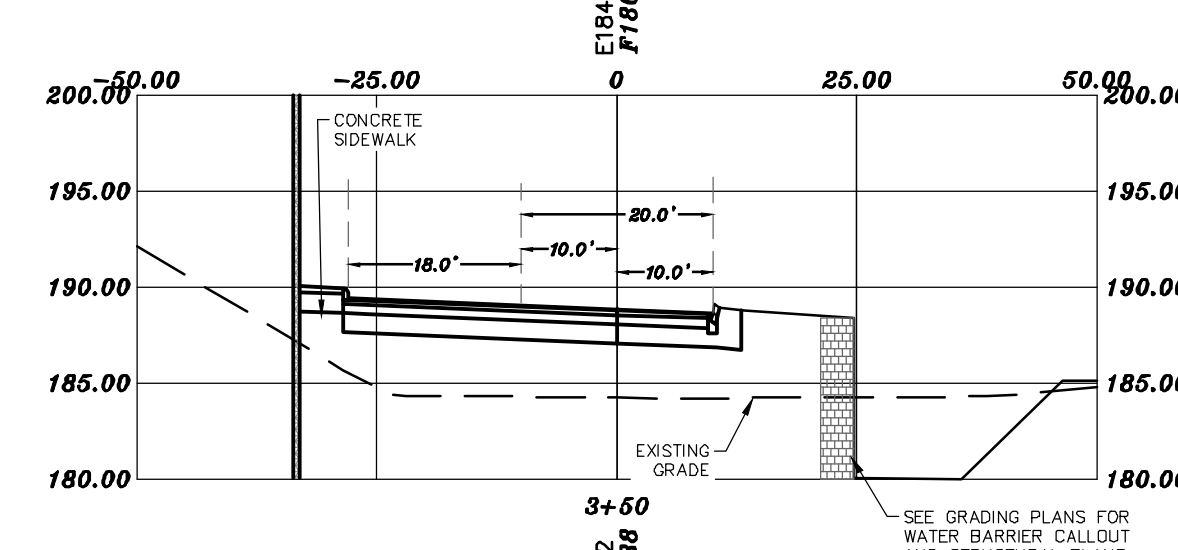
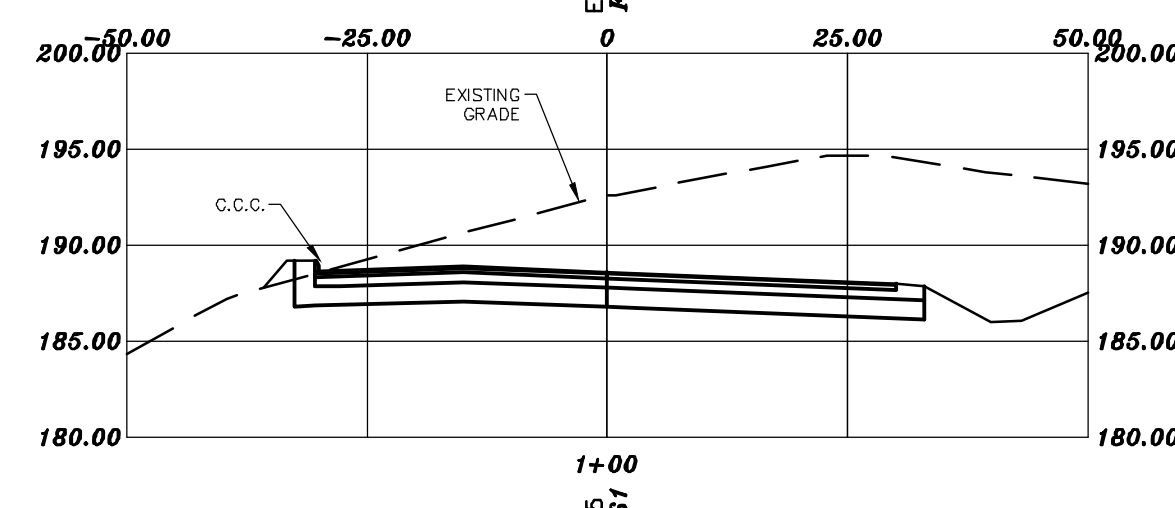
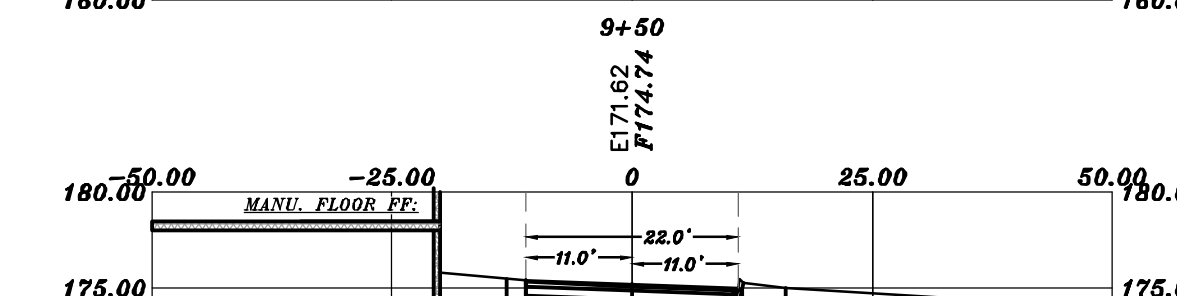
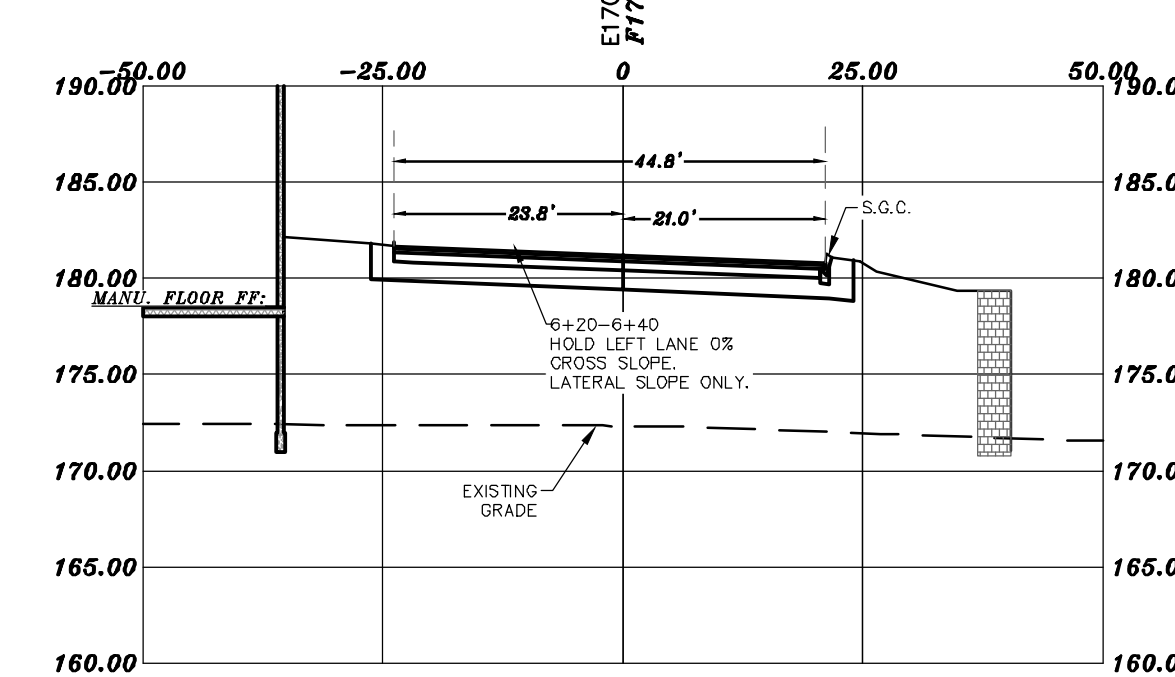
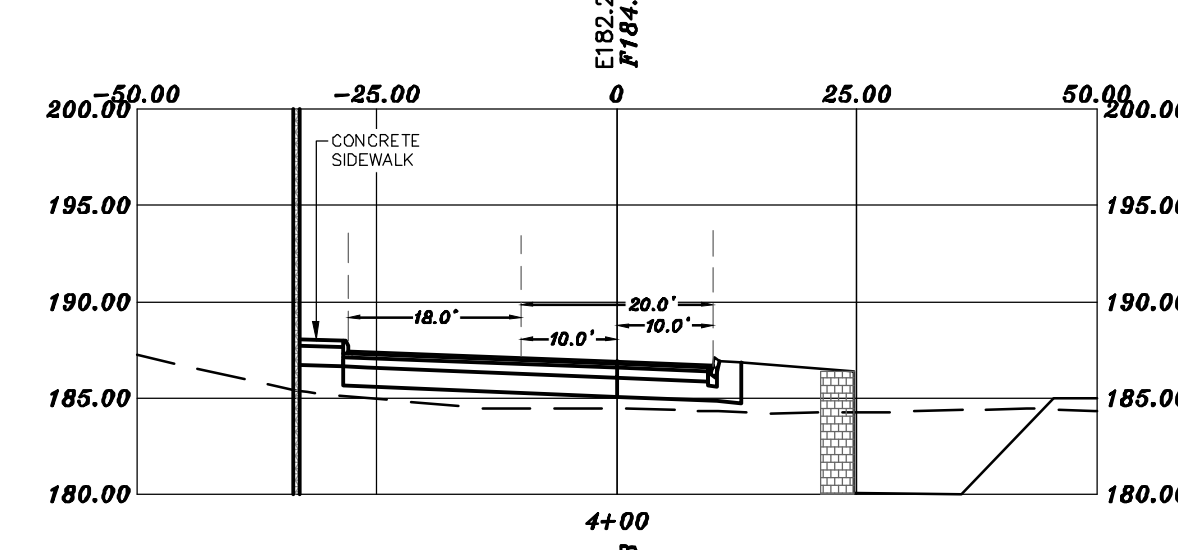
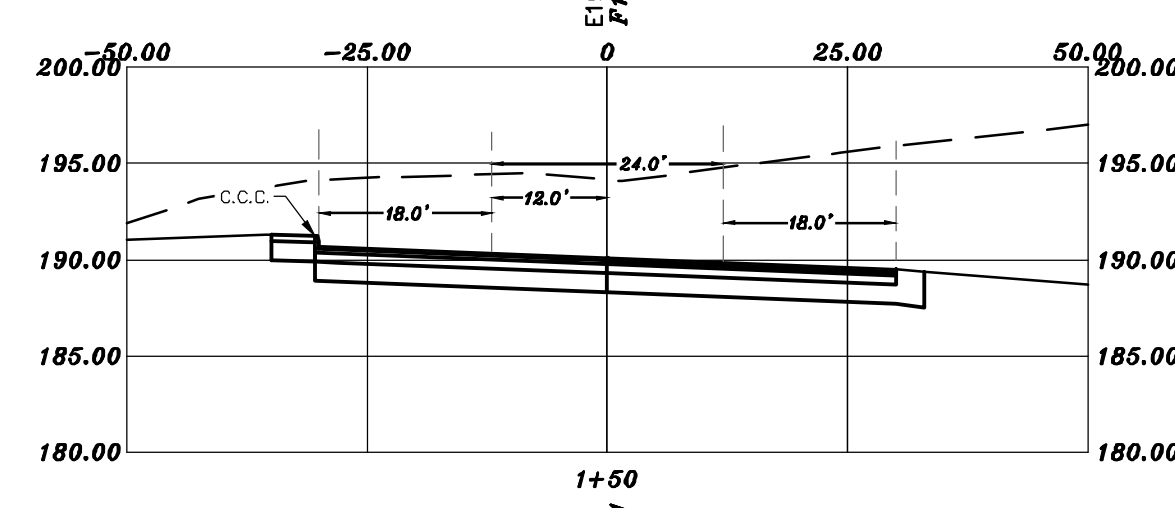
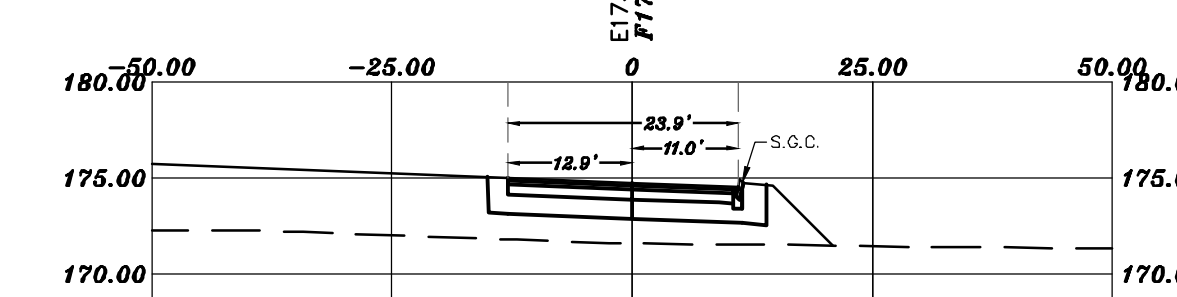
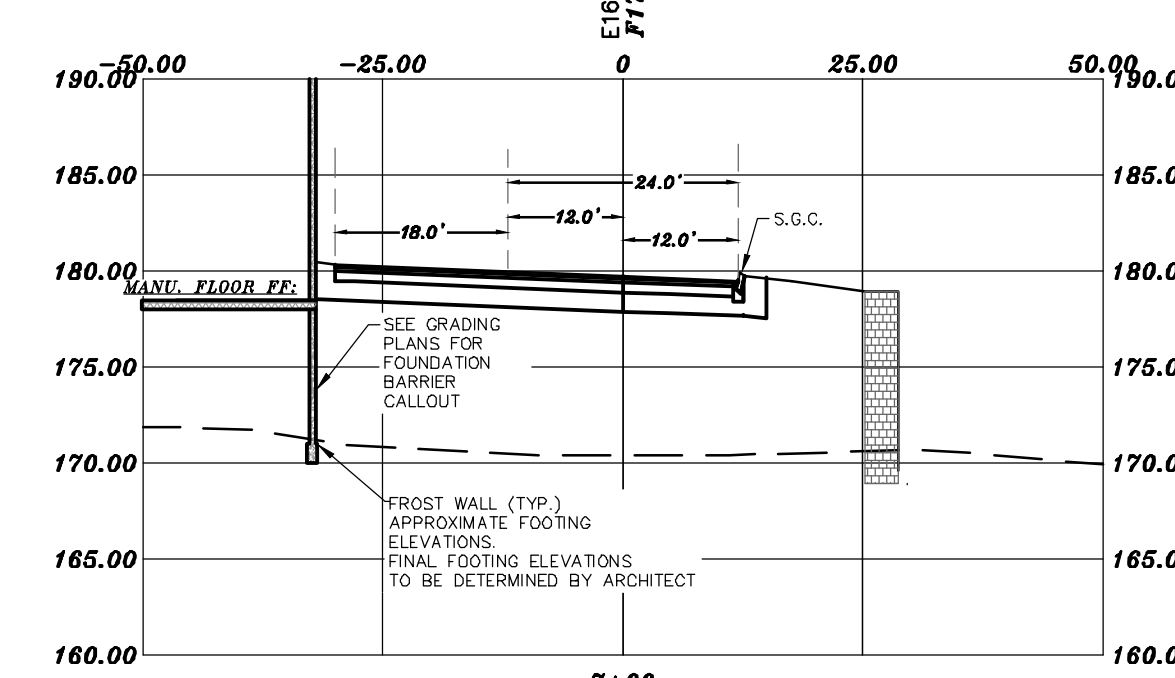
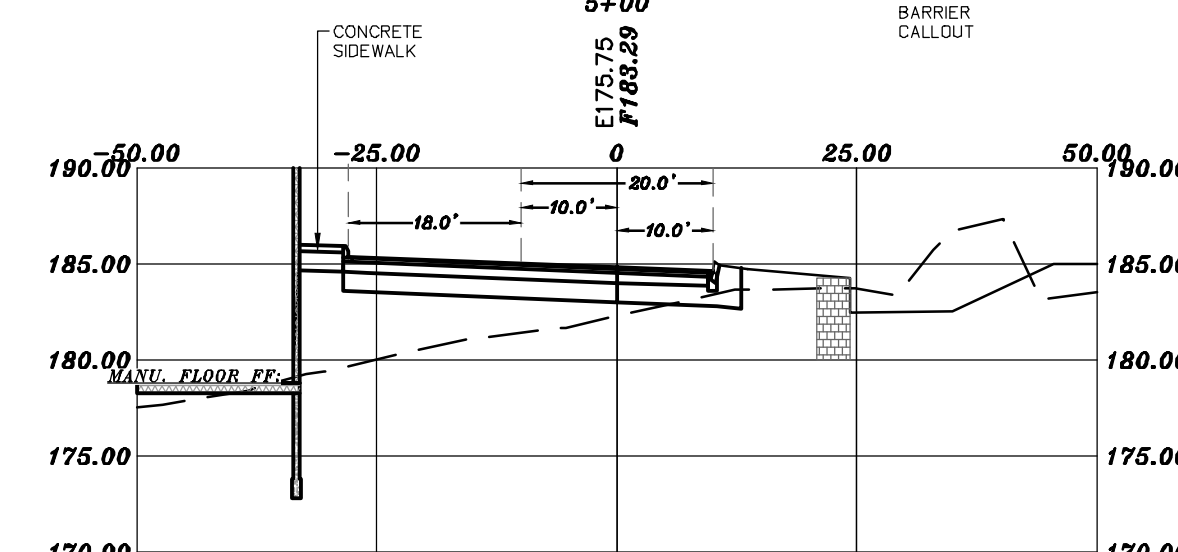
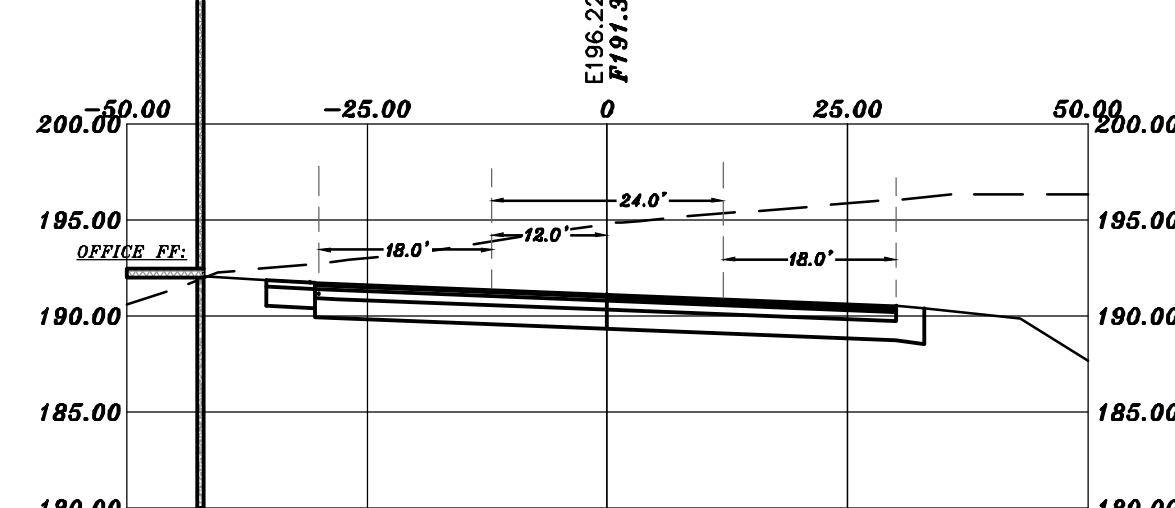
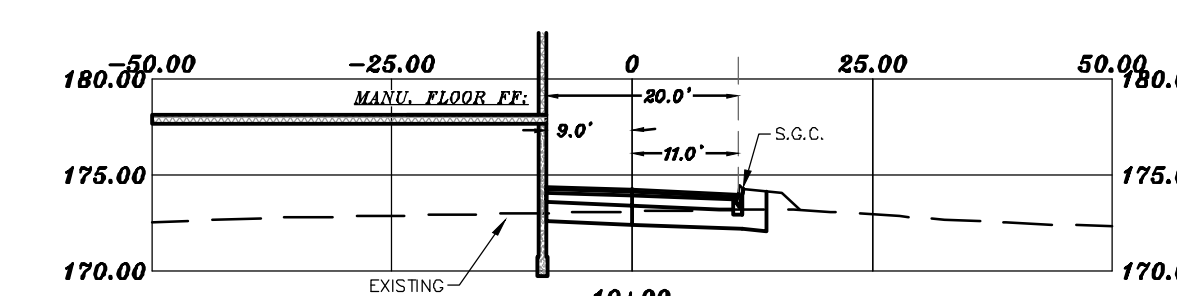
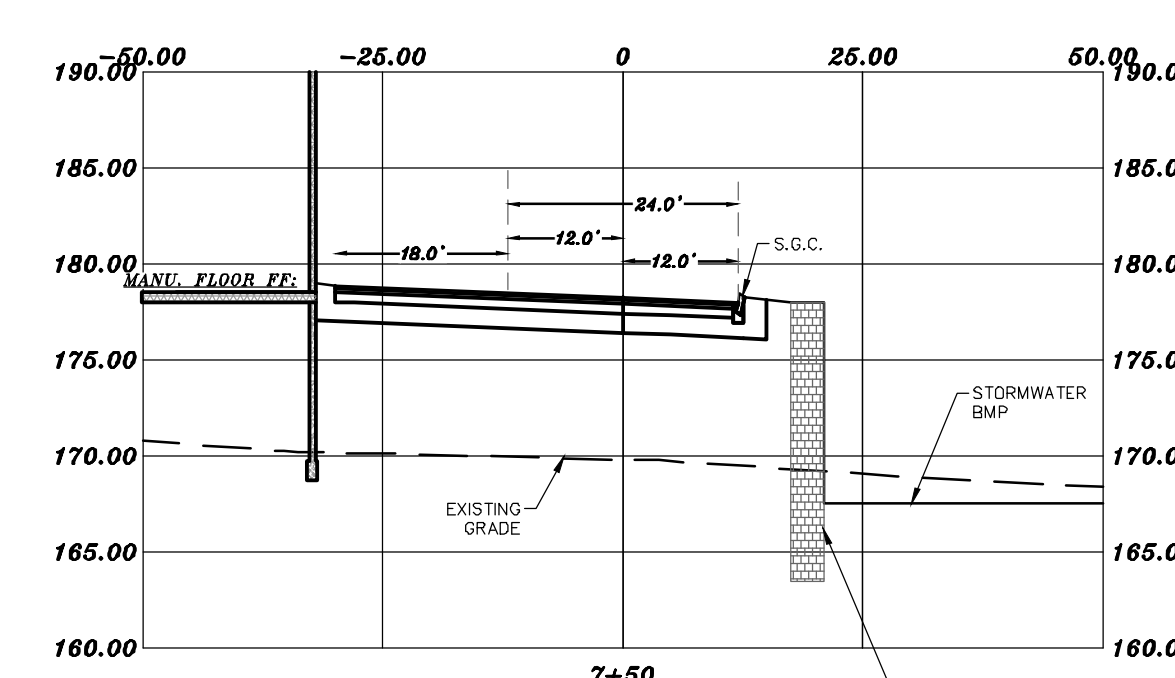
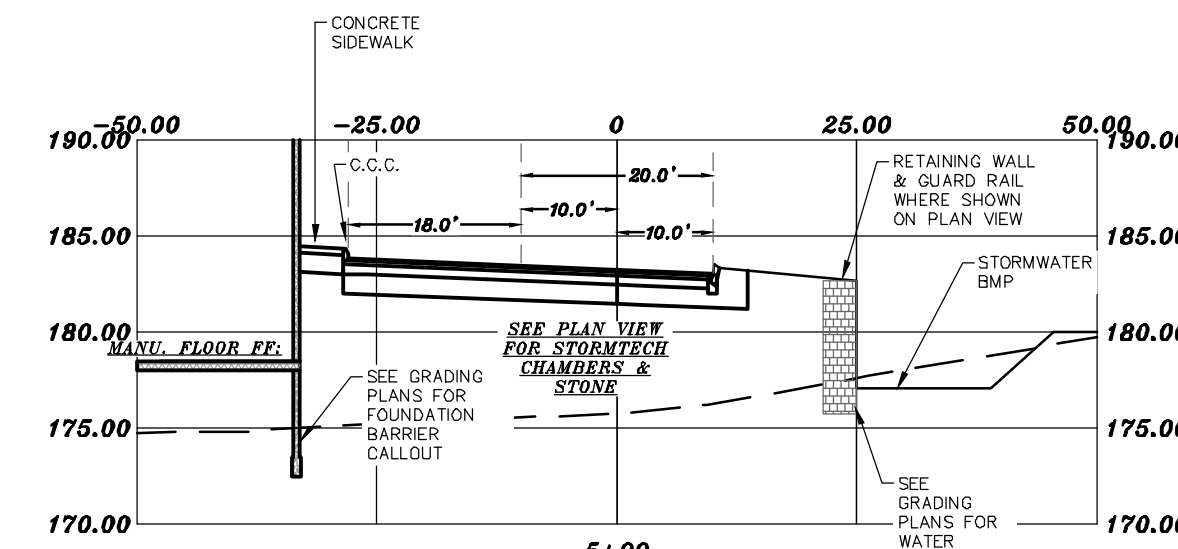
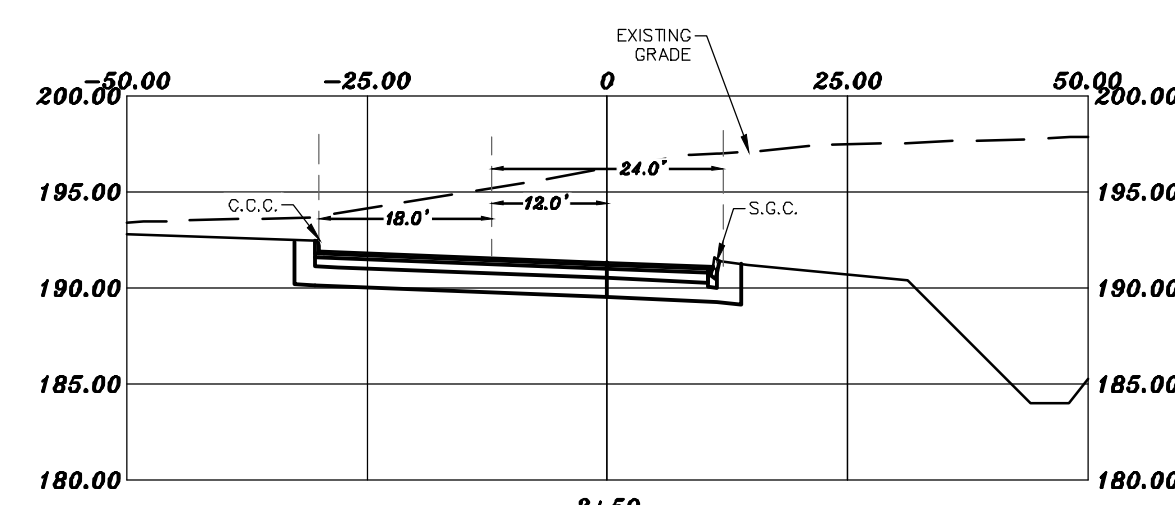
#1	03-27-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES
REVISION	DATE	DESCRIPTION
PROPOSED ADVANCED ENVIRO-SEPTIC DESIGN FOR NHBBC, LLC ROUTE 125 / CALEF HIGHWAY BARRINGTON, N.H. TAX MAP 238, LOT 44-1		
BERRY SURVEYING & ENGINEERING 335 SECOND CROWN POINT RD. BARRINGTON, N.H. 332-2863 SCALE : 1 IN. EQUALS 20 FT. DATE : FEBRUARY 5, 2024 FILE NO. : DB 2023 - 017		



GRAPHIC SCALE



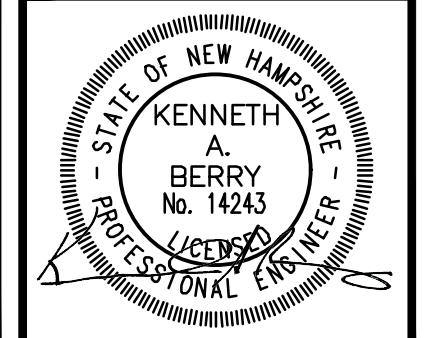
(IN FEET)
1 inch = 20 ft.
Vertical Scale 10

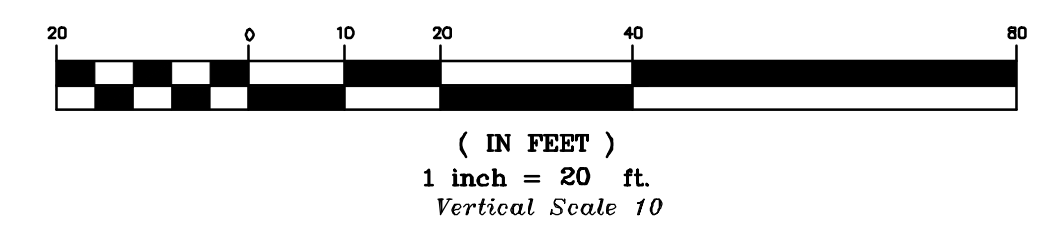
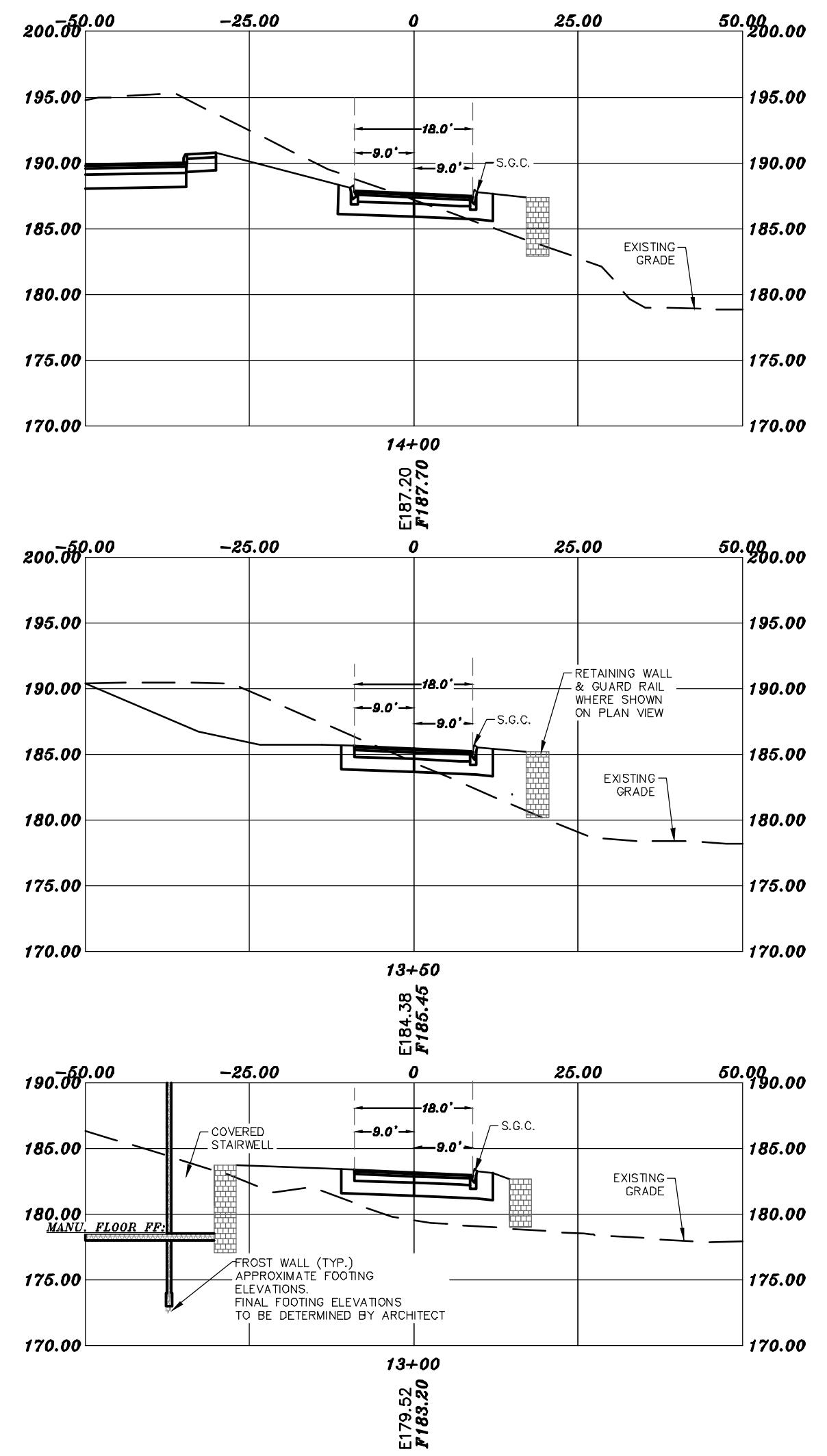
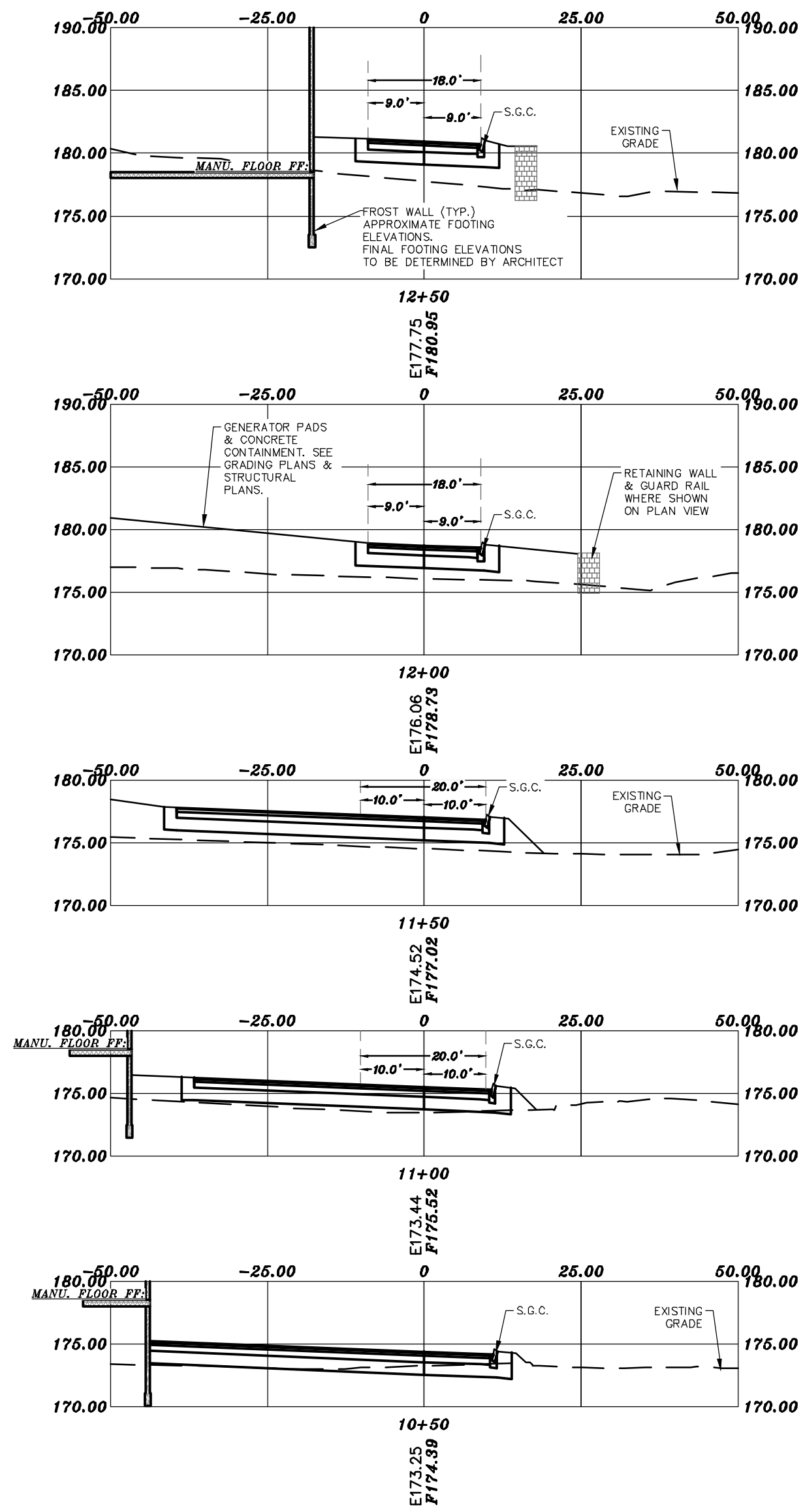


CROSS SECTIONS 0+00 - 10+00

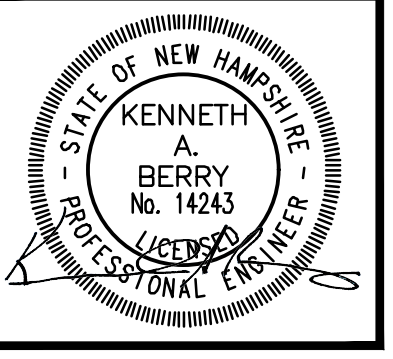
FOR
TURBOCAM, INC.
LAND OF
NHBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 23B, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : 1 IN. EQUALS 20 FT.
DATE : FEBRUARY 5, 2024
FILE NO. : DB 2023 - 017



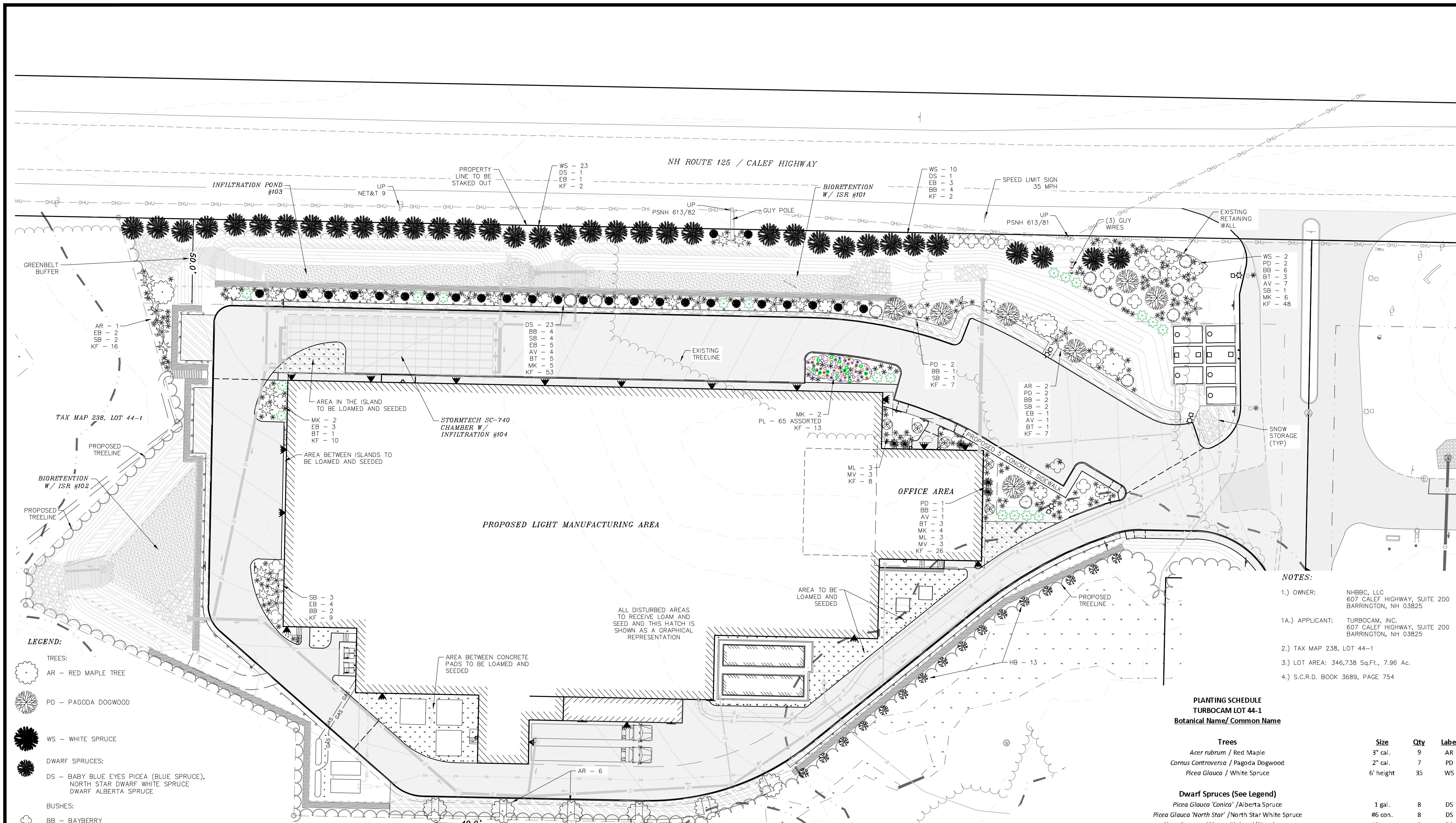


BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE : 1 IN. EQUALS 20 FT.
 DATE : FEBRUARY 5, 2024
 FILE NO. : DB 2023 - 017



CROSS SECTIONS 10+50 - END
 FOR
 TURBOCAM, INC.
 LAND OF
 NHBBC, LLC
 NH ROUTE 125/CALEF HIGHWAY
 BARRINGTON, N.H.
 TAX MAP 23B, LOT 44-1

REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES



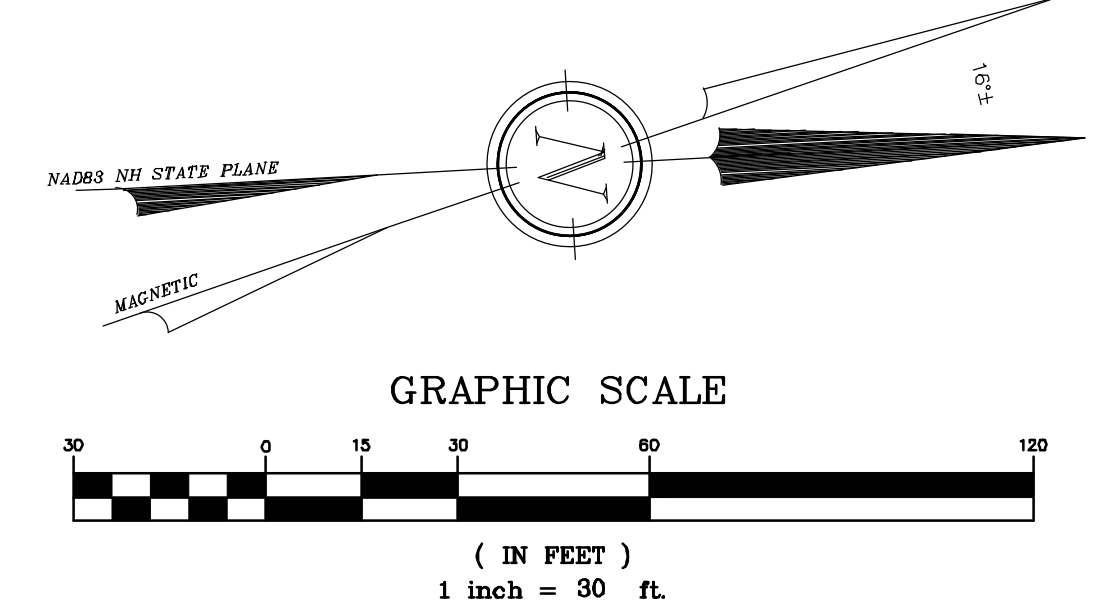
- LEGEND:**
- TREES:
- AR - RED MAPLE TREE
 - PD - PAGODA DOGWOOD
 - WS - WHITE SPRUCE
- DWARF SPRUCES:
- DS - BABY BLUE EYES PICEA (BLUE SPRUCE), NORTH STAR DWARF WHITE SPRUCE, DWARF ALBERTA SPRUCE
- BUSHES:
- BB - BAYBERRY
 - BT - BUTTERFLY BUSH
 - AV - ARROWWOOD
 - MK - MISS KIM LILAC
 - EB - ELDERBERRY
 - SB - SPICEBUSH
 - HB - HIGHBUSH BLUEBERRY
 - ML - MOUNTAIN LAUREL
 - MV - MAPLE LEAF VIBURNUM
- GRASSES:
- KF - FEATHER REED GRASS
- PLANTS:
- PL - A MIX OF BLACK-EYED SUSAN, NEW ENGLAND ASTER, ANISE HYSSOP & CRANESBILL

INTERIOR LANDSCAPING STANDARDS:

FRONT PARKING AREAS WITH ADJACENT TRAVEL LANE: 22,904 Sq.Ft. SUPPORTING LANDSCAPING: 8,683 Sq.Ft. 10% LANDSCAPING REQUIRED 37.91% LANDSCAPING PROVIDED

SIDE PARKING AREA WITH ADJACENT TRAVEL LANE: 7,734 Sq.Ft. SUPPORTING LANDSCAPING: 1,090 Sq.Ft. 8% LANDSCAPING REQUIRED 14.09% PROVIDED

REAR PARKING AREA WITH ADJACENT TRAVEL LANE: 0 Sq.Ft. THE LOADING ZONE IS ON THE REAR SIDE OF THE BUILDING AND THERE IS NO LANDSCAPING REQUIREMENTS FOR THE LOADING ZONE OTHER THAN PERIMETER SHADE TREES WITH A MINIMUM RATIO OF 1 TREE PER 40 FEET. 6 RED MAPLE TREES ARE PROPOSED TO BE PLANTED AT AN INTERVAL OF 40 FEET ALONG THE EDGE OF THE TRAVEL LANE.



FOR PLANNING BOARD APPROVAL PURPOSES:

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

NOTES:

- OWNER: NHBBC, LLC 607 CALEF HIGHWAY, SUITE 200 BARRINGTON, NH 03825
- TAX MAP 238, LOT 44-1
- LOT AREA: 346,738 Sq.Ft., 7.96 Ac.
- S.C.R.D. BOOK 3689, PAGE 754

PLANTING SCHEDULE
TURBOCAM LOT 44-1
Botanical Name/ Common Name

Trees	Size	Qty	Label
<i>Acer rubrum</i> / Red Maple	3" cal.	9	AR
<i>Cornus Controversa</i> / Pagoda Dogwood	2" cal.	7	PD
<i>Picea Glauca</i> / White Spruce	6' height	35	WS
Dwarf Spruces (See Legend)			
<i>Picea Glauca 'Conica'</i> / Alberta Spruce	1 gal.	8	DS
<i>Picea Glauca 'North Star'</i> / North Star White Spruce	#6 con.	8	DS
<i>Picea Pungens 'Glaucia Globosa'</i> / Blue Spruce	#6 con.	9	DS
Shrubs			
<i>Viburnum Dentatum</i> / Arrowwood Viburnum	12"-24"	13	AV
<i>Myrica Pensylvanica</i> / Northern Bayberry	18"-24"	20	BB
<i>Buddleja Davidii</i> / Butterfly Bush	1 gal.	13	BT
<i>Sambucus Canadensis</i> / American Elderberry	18"-24"	19	EB
<i>Vaccinium Corymbosum</i> / Highbush Blueberry	12"-18"	16	HB
<i>Lindera Benzoin</i> / Northern Spicebush	12"-18"	14	SB
<i>Syringa Pubescens Subsp. Patula</i> 'Miss Kim' / Miss Kim Lilac	2 gal.	19	MK
<i>Viburnum acerifolium</i> / Mapleleaf Viburnum	12"-24"	6	MV
<i>Kalmia latifolia</i> / Mountain Laurel	#2 con.	6	ML
Grasses			
<i>Calamagrostis acutifolia</i> 'Karl Foerster' / Feather Reed Grass	#2	201	KF
Plants			
Black-Eyed Susan, New England Aster, Anise Hyssop & Cranesbill	3" pot	Mix of 65	PL

LANDSCAPING PLAN

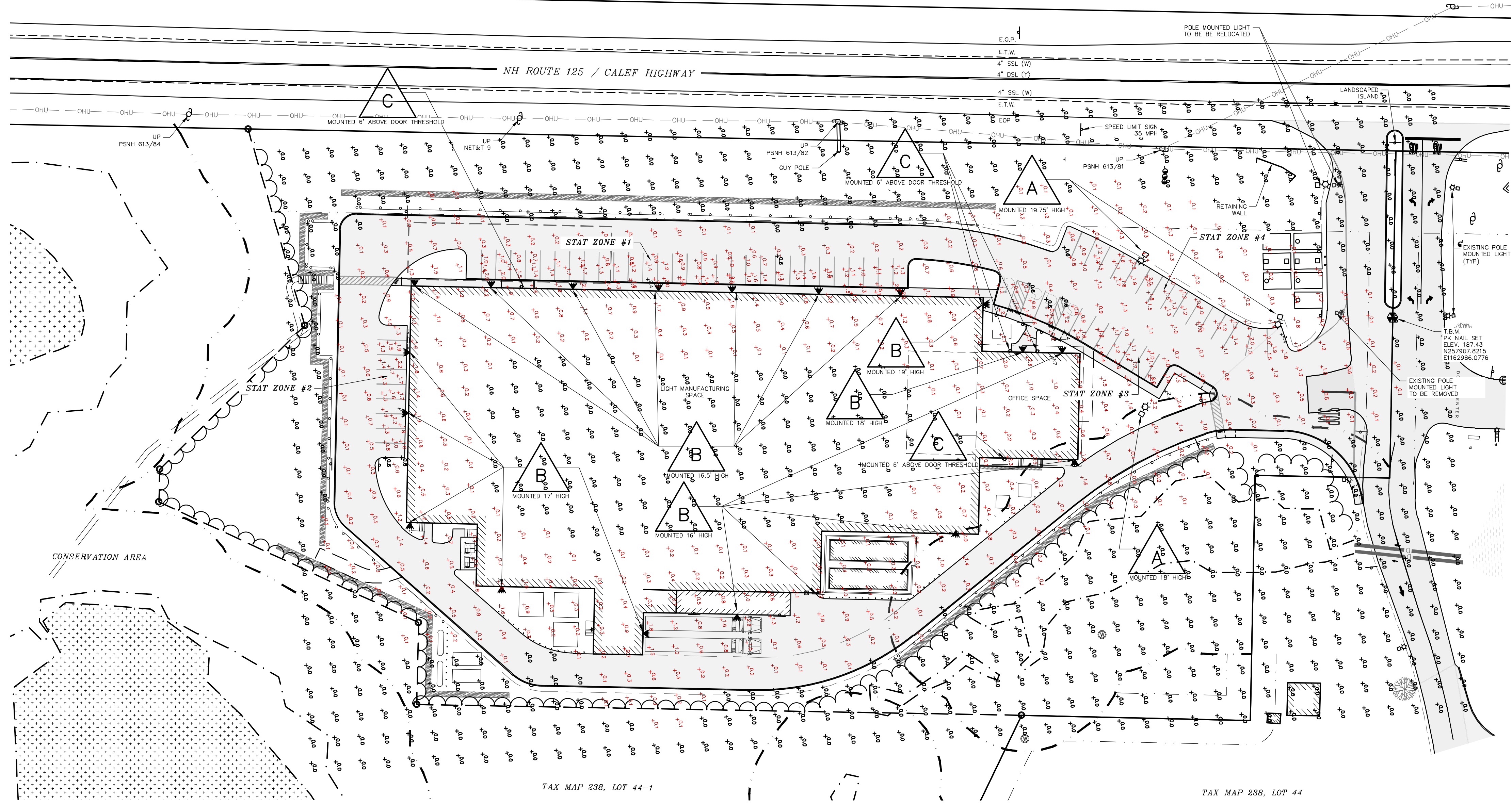
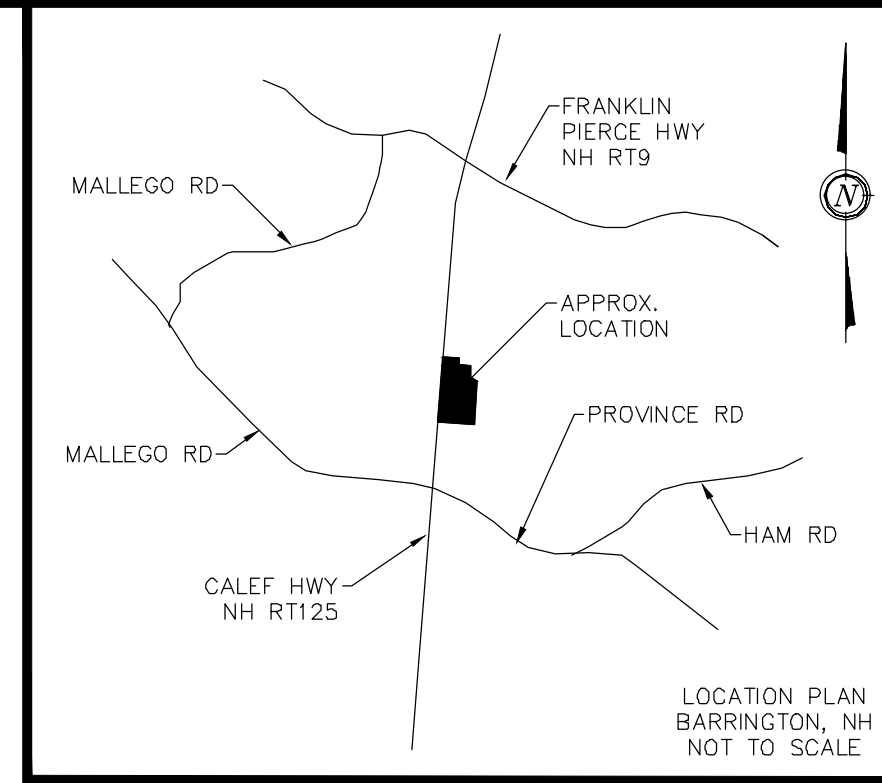
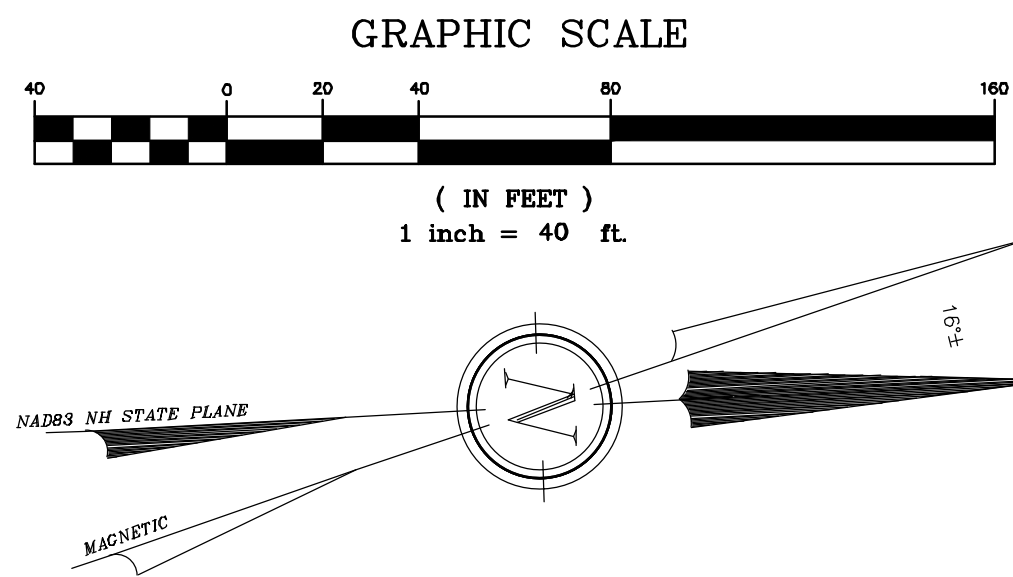
FOR TURBOCAM, INC. LAND OF NHBBC, LLC NH ROUTE 125/CALEF HIGHWAY BARRINGTON, N.H. TAX MAP 238, LOT 44-1

REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: 1 IN. EQUALS 30 FT.
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023 - 017

KENNETH A. BERRY
No. 14243
LICENSED PROFESSIONAL ENGINEER

SHEET 32 OF 51



- NOTES:**
- 1.) OWNER: NHBBC, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - 1A.) APPLICANT: TURBOCAM, INC.
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - 2.) TAX MAP 238, LOT 44-1
 - 3.) LOT AREA: 346,833 Sq.Ft., 7.96 Ac.
 - 4.) S.C.R.D. BOOK 3689, PAGE 754
 - 5.) THE INTENT OF THIS PLAN IS TO SHOW THE PROPOSED LIGHTING FOR A SITE PLAN PREPARED FOR TAX MAP 238, LOT 44-1.

- LEGEND:**
- REBAR ~FND~
 - UTILITY POLE
 - ▲ LIGHT TYPE "A" MOUNTED LIGHT POLE
 - ▲ LIGHT TYPE "B" MOUNTED ON BUILDING
 - ▲ LIGHT TYPE "C" MOUNTED ON BUILDING AT DOORS
 - SIGNAGE
 - - - EXISTING CONSERVATION EASEMENT LINE

Symbol	Label	Image	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage
A	A		3	Lithonia Lighting	DSX1 LED P1 30K T3M MVOLT	DSX1 LED P1 30K T3M MVOLT	1	6279	1	54
B	B		19	Lithonia Lighting	WSQ LED P2 SR4 40K MVOLT	WSQ LED WITH P2-PERFORMANCE PACKAGE, 4000K, AND SR4 OPTIC TYPE	1	3053	1	29.17
C	C		5	Lithonia Lighting	ODSL10 SRC	CRAFTSTON WALL MOUNTED SMALL DECORATIVE LANTERN, ONE LAMP 13W SPHAL, COMPACT FLUORESCENT, WHITE GLASS DIFFUSER 4.25" DIA. X 6.85" HIGH, ELECTRONIC BALLAST	1	900	1	12.6

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
STAT ZONE #1	+	1.4 fc	2.4 fc	0.6 fc	4.0:1	2.3:1
STAT ZONE #2	+	1.4 fc	2.4 fc	0.6 fc	4.0:1	2.3:1
STAT ZONE #3	+	1.3 fc	2.4 fc	0.6 fc	4.0:1	2.2:1
STAT ZONE #4	+	1.5 fc	2.4 fc	0.6 fc	4.0:1	2.5:1

REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

LIGHTING PLAN
FOR
TURBOCAM, INC.
LAND OF
NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

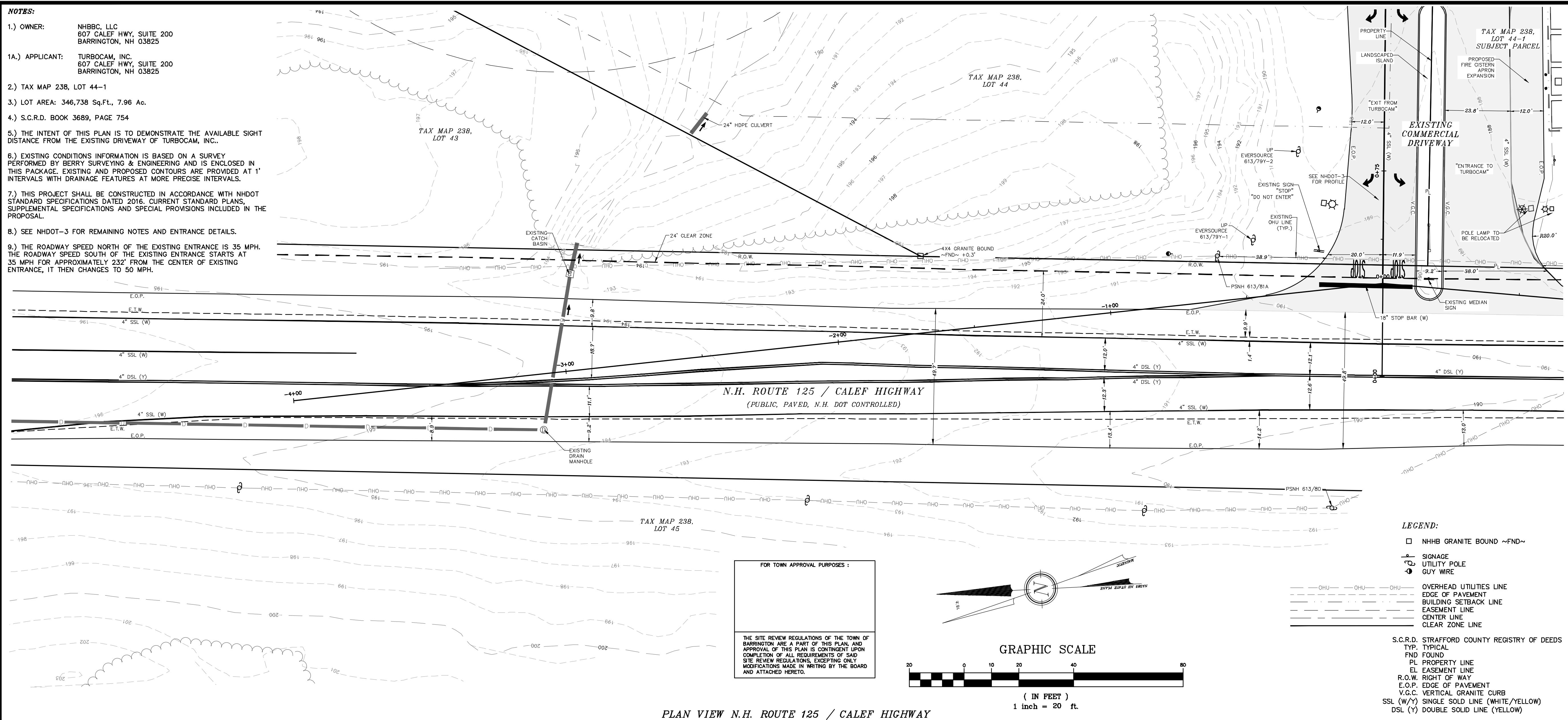
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : 1 IN. EQUALS 40 FT.
DATE : FEBRUARY 5, 2024
FILE NO. : DB 2023 - 017

FOR PLANNING BOARD APPROVAL PURPOSES:

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

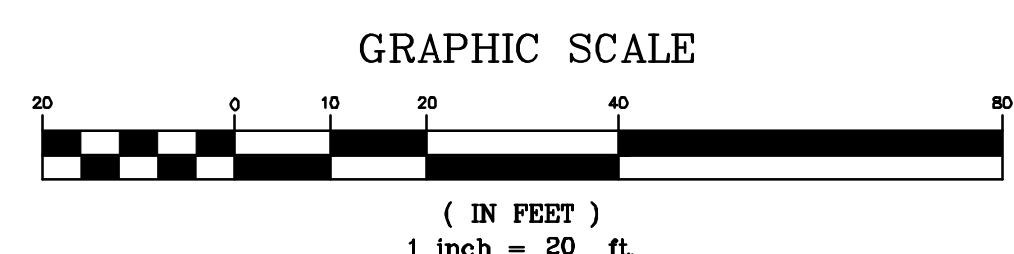
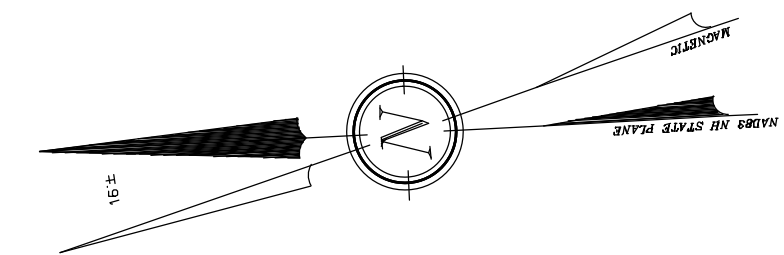
NOTES:

- 1.) OWNER: NHBC, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
- 1A.) APPLICANT: TURBOCAM, INC.
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
- 2.) TAX MAP 238, LOT 44-1
- 3.) LOT AREA: 346,738 Sq.Ft., 7.96 Ac.
- 4.) S.C.R.D. BOOK 3689, PAGE 754
- 5.) THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE AVAILABLE SIGHT DISTANCE FROM THE EXISTING DRIVEWAY OF TURBOCAM, INC.
- 6.) 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 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.
- 7.) 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.
- 8.) SEE NHDOT-3 FOR REMAINING NOTES AND ENTRANCE DETAILS.
- 9.) THE ROADWAY SPEED NORTH OF THE EXISTING ENTRANCE IS 35 MPH. THE ROADWAY SPEED SOUTH OF THE EXISTING ENTRANCE STARTS AT 35 MPH FOR APPROXIMATELY 232' FROM THE CENTER OF EXISTING ENTRANCE, IT THEN CHANGES TO 50 MPH.



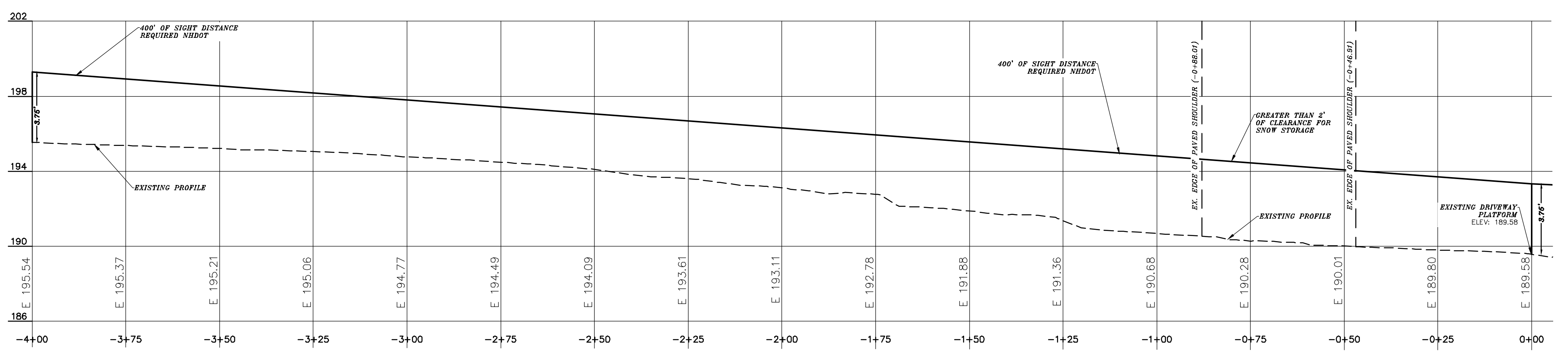
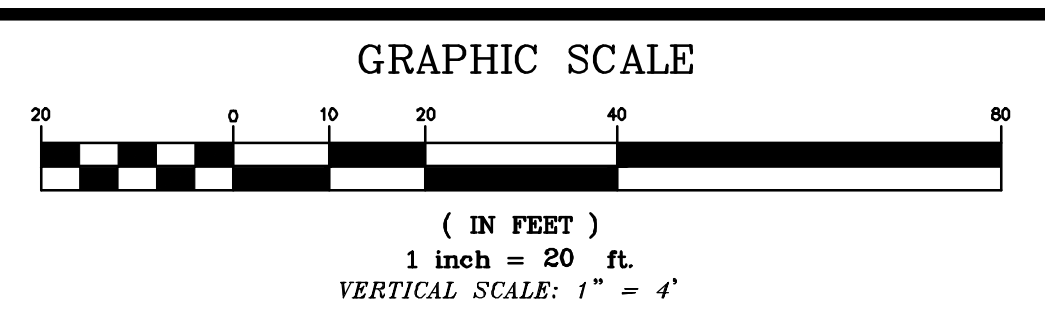
FOR TOWN APPROVAL PURPOSES :

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- LEGEND:**
- NHHB GRANITE BOUND ~FND~
 - ⊕ SIGNAGE
 - ⊙ UTILITY POLE
 - ⊙ GUY WIRE
 - O.H.U. — OVERHEAD UTILITIES LINE
 - — — — — EDGE OF PAVEMENT
 - — — — — BUILDING SETBACK LINE
 - — — — — EASEMENT LINE
 - — — — — CENTER LINE
 - — — — — CLEAR ZONE LINE
- S.C.R.D. STRAFFORD 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
V.G.C. VERTICAL GRANITE CURB
SSL (W/Y) SINGLE SOLID LINE (WHITE/YELLOW)
DSL (Y) DOUBLE SOLID LINE (YELLOW)

CLEAR ZONE CALCULATION:
DESIGN SPEED: 35 MPH / 85TH ASSUMED 45 MPH
NORTHBOUND DESIGN ADT (2022): 10,657 (NHDOT)
FROM AASHTO ROADSIDE DESIGN GUIDE (2011) TABLE 3.1 PAGE 3-6
CLEAR ZONE REQUIRED TO BE 24-28 FEET (1V:5H TO 1V:4H)
-24 FEET HAS BEEN SELECTED



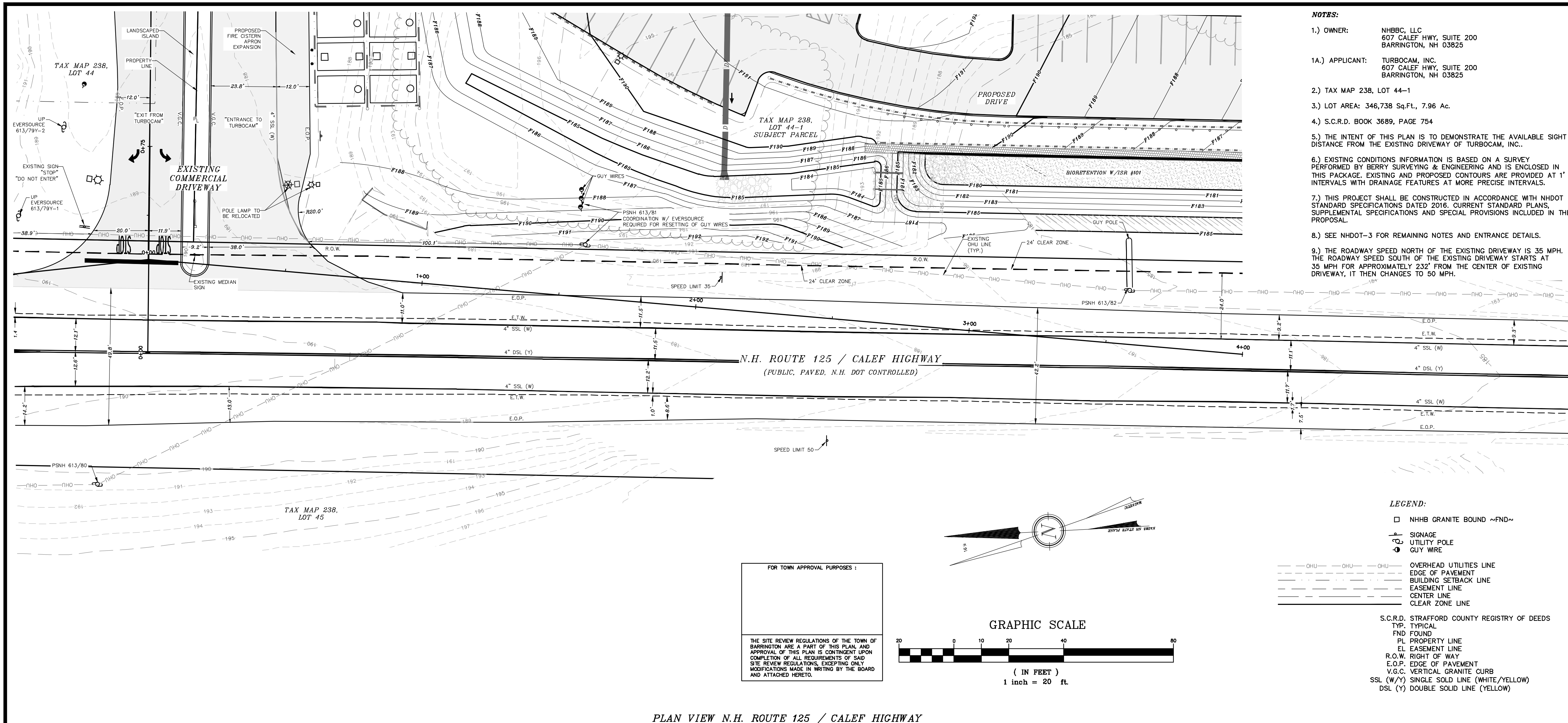
NHDOT-1

#	REVISION	DATE	DESCRIPTION
#1A	04-04-24		BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

SIGHT DISTANCE PLAN ROUTE 125 SOUTHBOUND

FOR
TURBOCAM, INC.
LAND OF
NHBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : 1 IN. EQUALS 20 FT.
DATE : FEBRUARY 5, 2024
FILE NO. : DB 2023 - 017

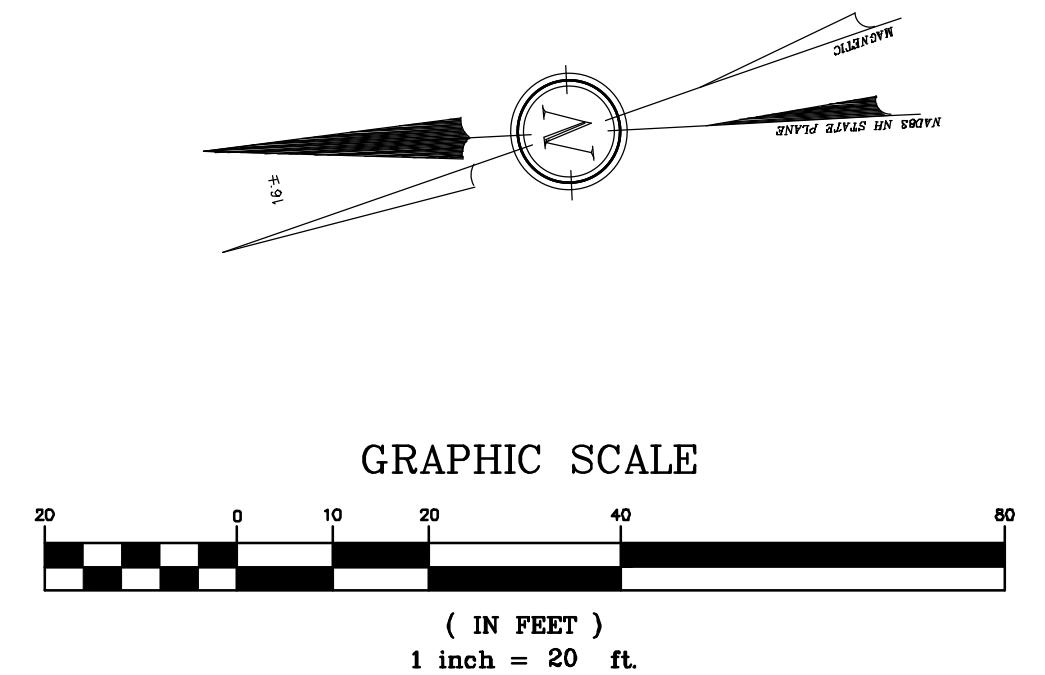


- NOTES:**
- 1.) OWNER: NHBBC, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - 1A.) APPLICANT: TURBOCAM, INC.
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - 2.) TAX MAP 238, LOT 44-1
 - 3.) LOT AREA: 346,738 Sq.Ft., 7.96 Ac.
 - 4.) S.C.R.D. BOOK 3689, PAGE 754
 - 5.) THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE AVAILABLE SIGHT DISTANCE FROM THE EXISTING DRIVEWAY OF TURBOCAM, INC.
 - 6.) 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 1' INTERVALS WITH DRAINAGE FEATURES AT MORE PRECISE INTERVALS.
 - 7.) THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH NHDOT STANDARD SPECIFICATIONS DATED 2018, CURRENT STANDARD PLANS, SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.
 - 8.) SEE NHDOT-3 FOR REMAINING NOTES AND ENTRANCE DETAILS.
 - 9.) THE ROADWAY SPEED NORTH OF THE EXISTING DRIVEWAY IS 35 MPH. THE ROADWAY SPEED SOUTH OF THE EXISTING DRIVEWAY STARTS AT 35 MPH FOR APPROXIMATELY 232' FROM THE CENTER OF EXISTING DRIVEWAY, IT THEN CHANGES TO 50 MPH.

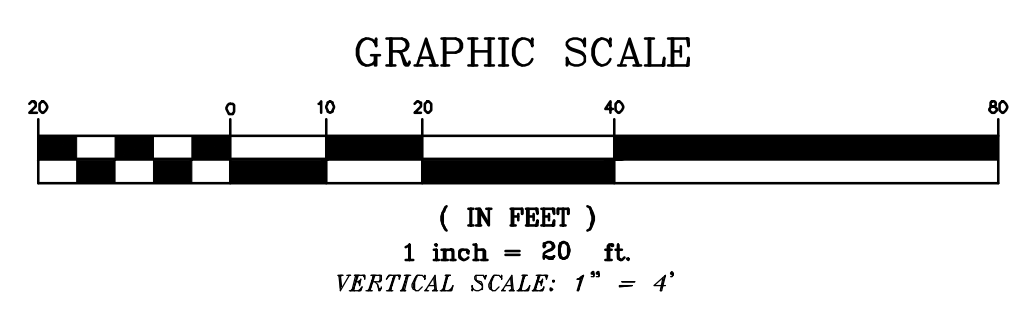
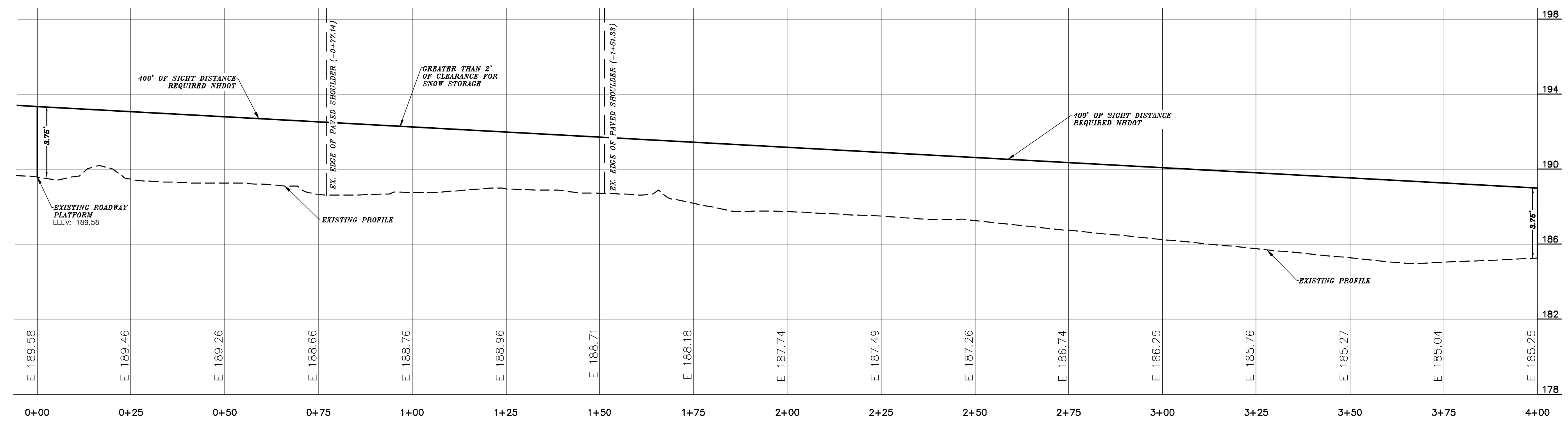
- LEGEND:**
- NHB GRANITE BOUND ~FND~
 - SIGNAGE
 - UTILITY POLE
 - GUY WIRE
 - OHU — OHU — OHU — OVERHEAD UTILITIES LINE
 - — — — — EDGE OF PAVEMENT
 - — — — — BUILDING SETBACK LINE
 - — — — — EASEMENT LINE
 - — — — — CENTER LINE
 - — — — — CLEAR ZONE LINE
 - S.C.R.D. STRAFFORD COUNTY REGISTRY OF DEEDS
 - TP: TYPICAL
 - FND FOUND
 - PL PROPERTY LINE
 - EL EASEMENT LINE
 - R.O.W. RIGHT OF WAY
 - E.O.P. EDGE OF PAVEMENT
 - V.G.C. VERTICAL GRANITE CURB
 - SSL (W/Y) SINGLE SOLID LINE (WHITE/YELLOW)
 - DSL (Y) DOUBLE SOLID LINE (YELLOW)

FOR TOWN APPROVAL PURPOSES :

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.



PLAN VIEW N.H. ROUTE 125 / CALEF HIGHWAY
PROFILE VIEW SIGHT LINE

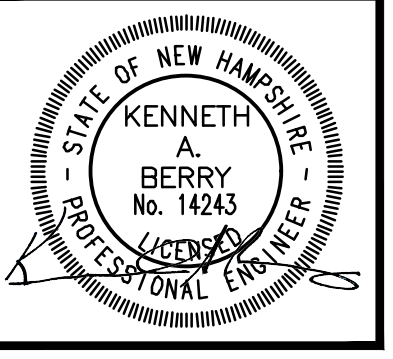


#	REVISION	DATE	DESCRIPTION
#1A	04-04-24		BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

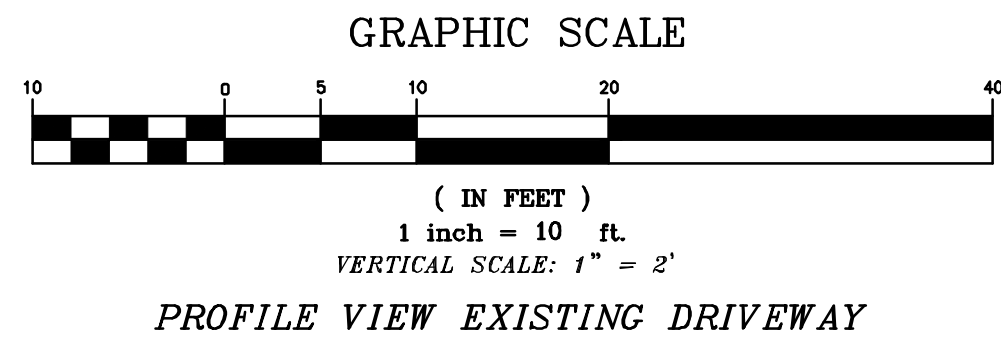
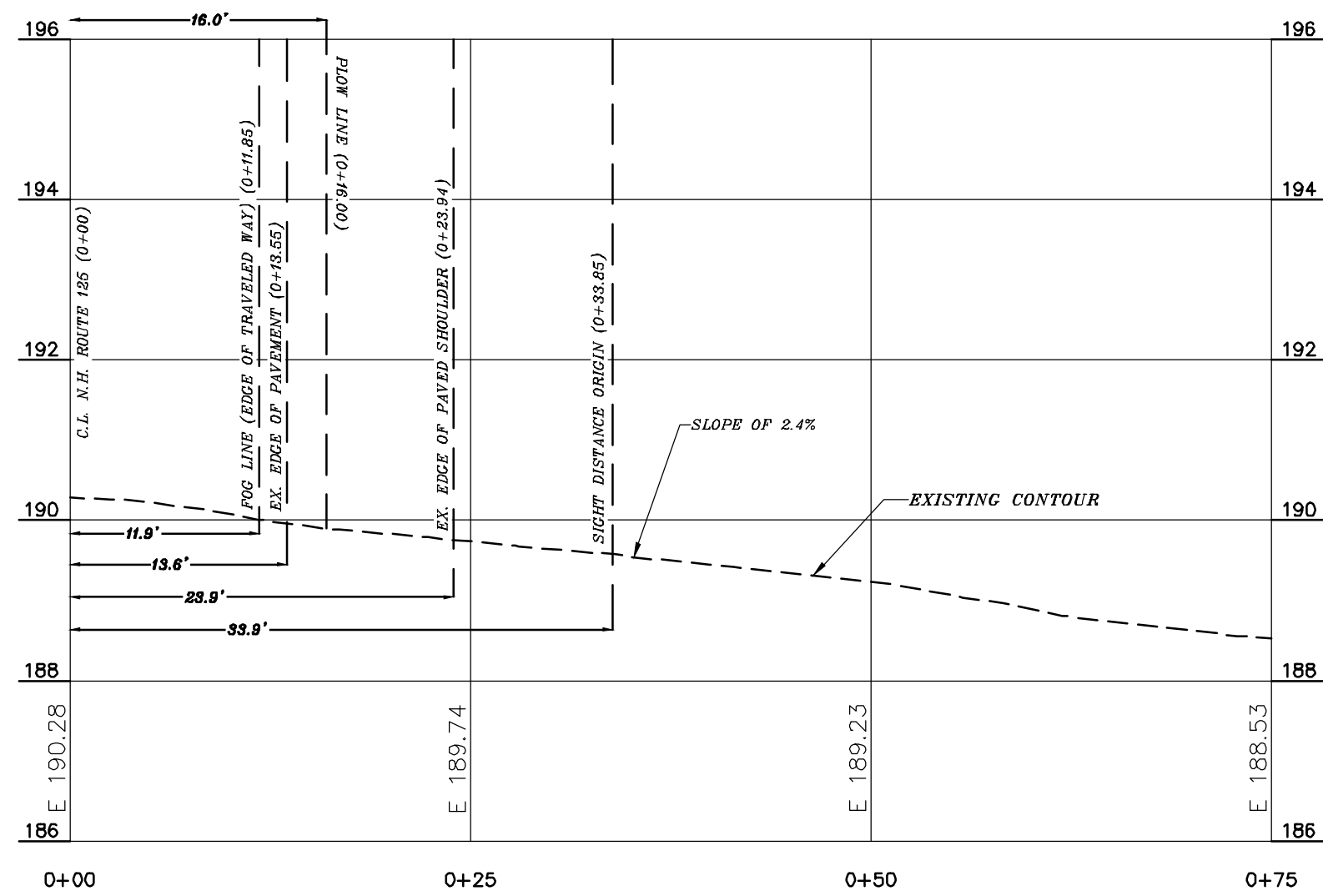
SIGHT DISTANCE PLAN ROUTE 125 NORTHBOUND

FOR
TURBOCAM, INC.
LAND OF
NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

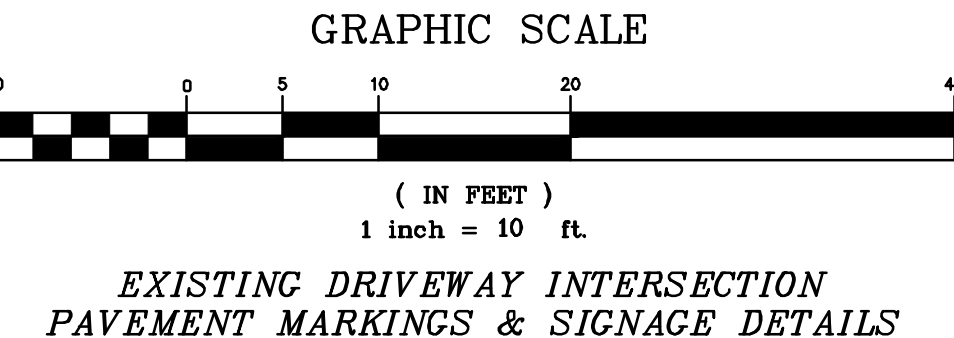
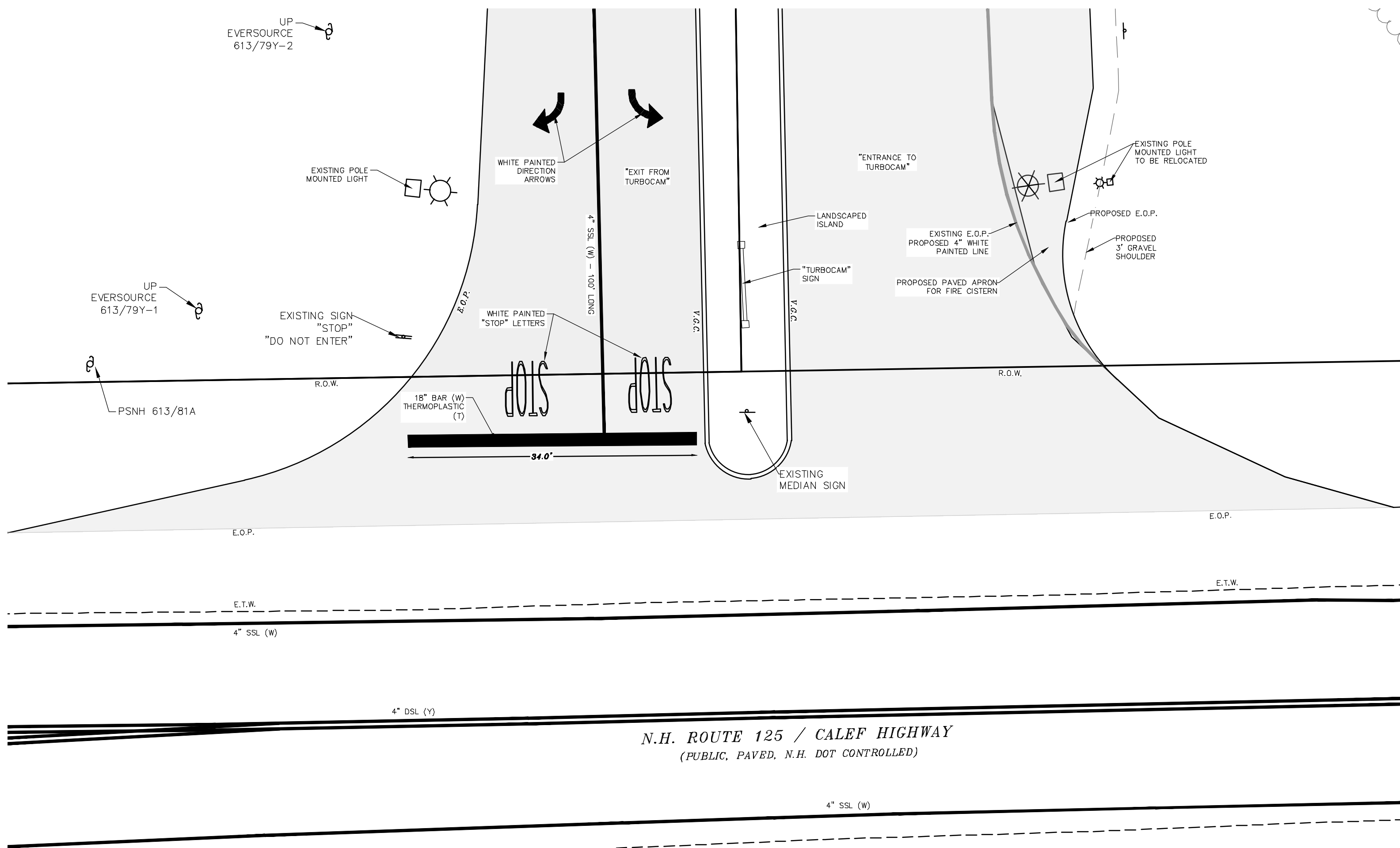
BERRY SURVEYING & ENGINEERING
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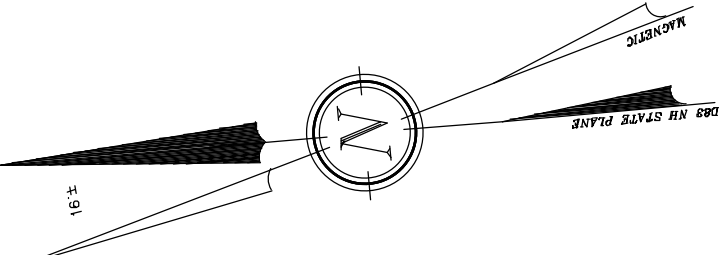
NHDOT-2



DETAIL-1



**EXISTING DRIVEWAY INTERSECTION
PAVEMENT MARKINGS & SIGNAGE DETAILS**



- LEGEND:**
- SIGNAGE
 - ⊙ UTILITY POLE
 - TYP TYPICAL
 - FND FOUND
 - R.O.W. RIGHT OF WAY
 - E.O.P. EDGE OF PAVEMENT
 - V.G.C. VERTICAL GRANITE CURB
 - SSL (W/Y) SINGLE SOLID LINE (WHITE/YELLOW)
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FOR TOWN APPROVAL PURPOSES :
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NHDOT-3

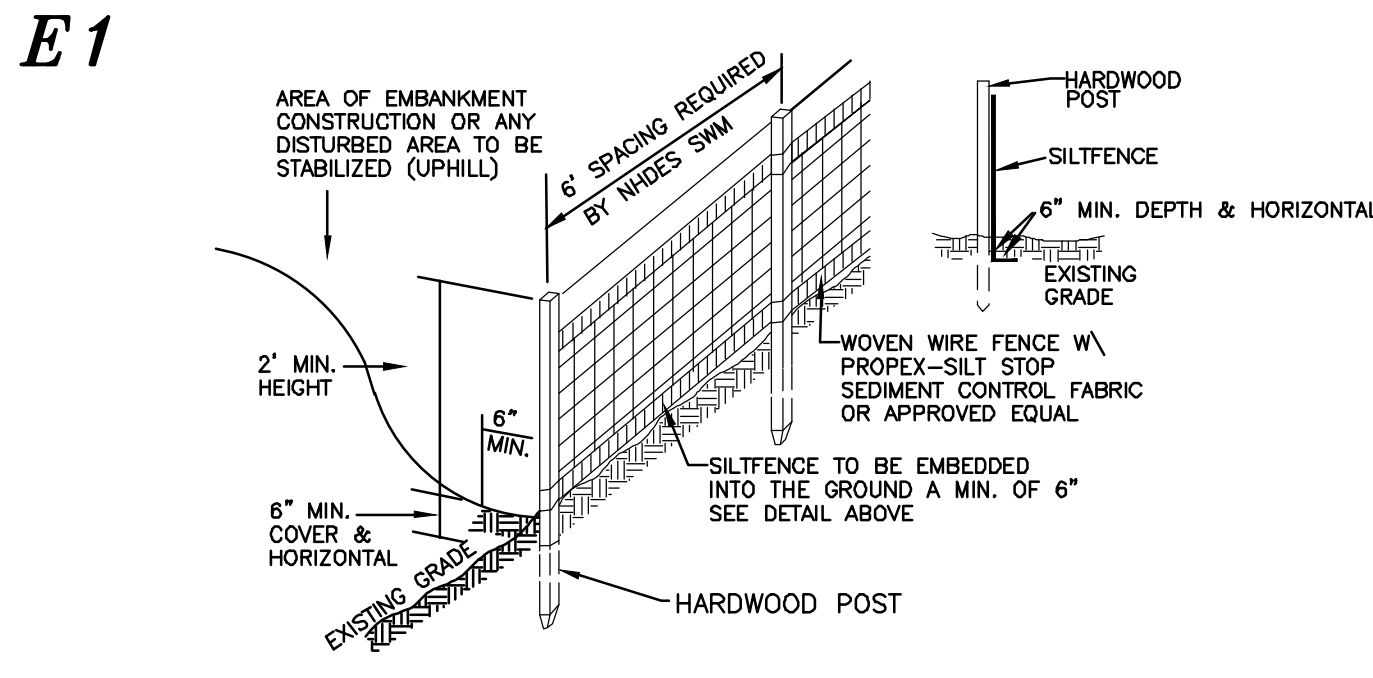
- NOTES CONT.:**
- 10.) THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE 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.
 - 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.
 - 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 N.H. ROUTE 125 IS 35 MPH IN BOTH DIRECTIONS NORTH OF THE COMMERCIAL DRIVEWAY AND 50 MPH IN BOTH DIRECTIONS SOUTH OF THE COMMERCIAL DRIVEWAY.

DETAIL-3 DETAIL-2

REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

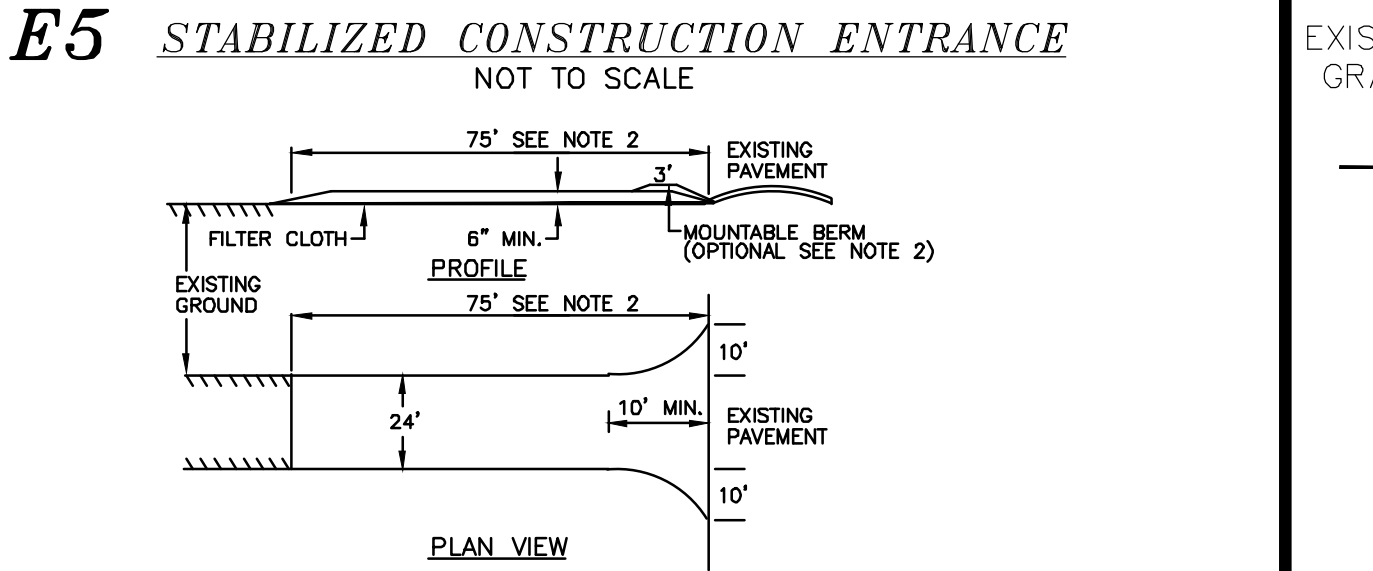
NHDOT DETAIL SHEET
FOR
TURBOCAM, INC.
LAND OF
NHBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 23B, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : 1 IN. EQUALS 10 FT.
DATE : FEBRUARY 5, 2024
FILE NO. : DB 2023 - 017

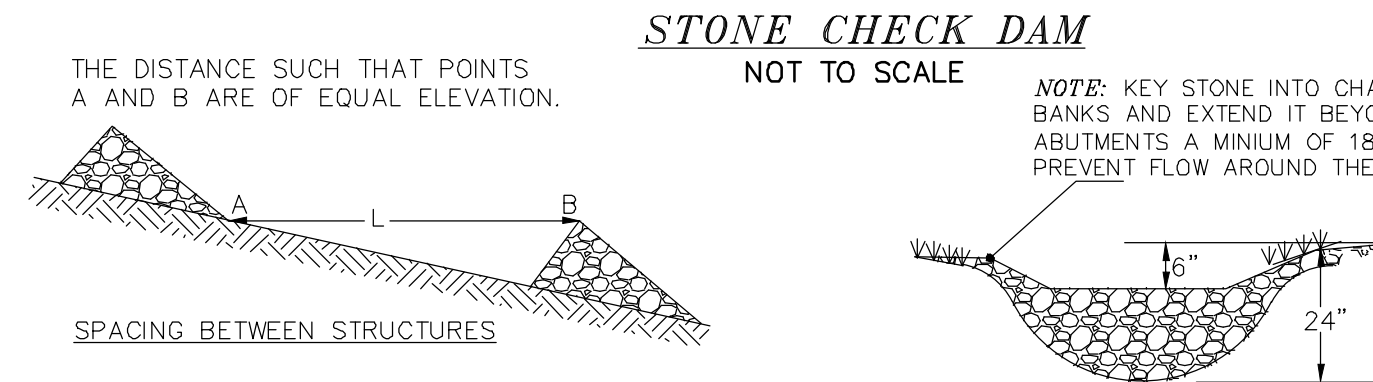


- SILT FENCE CONSTRUCTION SPECIFICATIONS**
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES AND FILTER CLOTH SHALL BE FASTENED TO WOVEN WIRE EVERY 24" AT TOP MID AND BOTTOM SECTIONS AND BE EMBEDDED INTO GROUND A MINIMUM OF 8" THE FENCE POSTS SHALL BE A MINIMUM 48" LONG,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

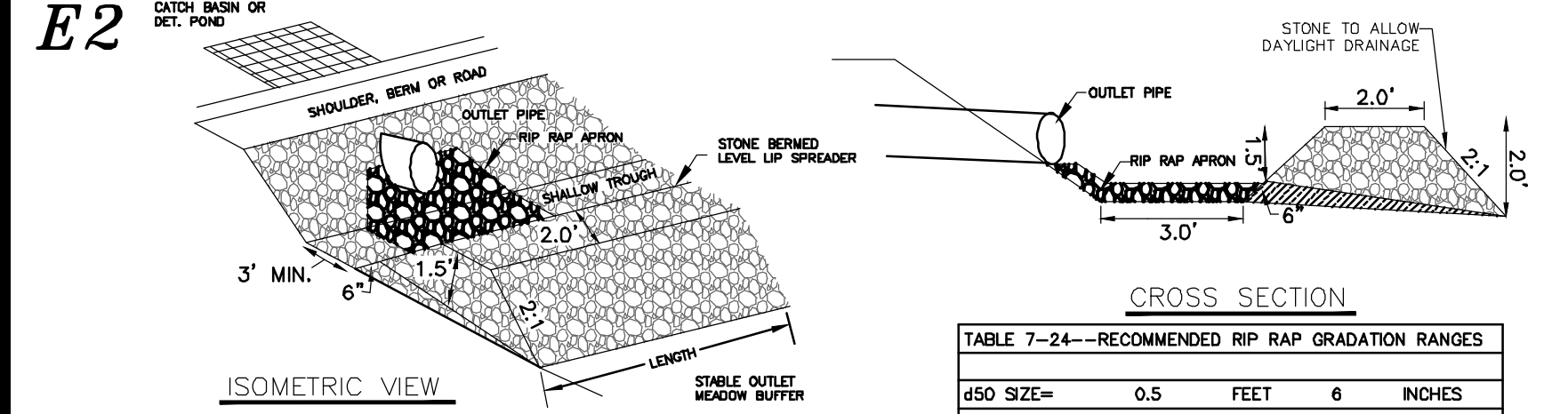
- SILT FENCE MAINTENANCE**
- SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
 - IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
 - SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN THEY REACH SIX-INCHES IN DEPTH.
 - SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.
- SILT FENCE DETAIL**
NOT TO SCALE



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



- STONE CHECK DAM**
NOT TO SCALE
- THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION.
- SPACING BETWEEN STRUCTURES
- CHECK DAMS SHOULD BE INSTALLED BEFORE RUNOFF IS DIRECTED TO THE SWALE OR DRAINAGE DITCH.
 - THE MAXIMUM CONTRIBUTING DRAINAGE AREA TO THE DAM SHOULD BE LESS THAN ONE ACRE.
 - THE MAXIMUM HEIGHT OF THE DAM SHOULD BE TWO FEET.
 - THE CENTER OF THE DAM SHOULD BE AT LEAST SIX INCHES LOWER THAN THE OUTER EDGES.
 - THE MAXIMUM SPACING IS AS SHOWN ON THE PROJECT SITE PLANS.
 - CHECK DAMS WILL NOT BE USED IN A FLOWING STREAM.
 - TEMPORARY CHECK DAMS WILL BE REMOVED ONCE THE SWALE OR DITCH IS DETERMINED STABLE.
 - TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, TEMPORARY CHECK DAMS, PAGE 114.
- STONE GRADE STABILIZATION STRUCTURE**
- NOTE: KEY STONE INTO CHANNEL BANKS AND EXTEND IT BEYOND THE ABUTMENTS A MINIMUM OF 18" TO PREVENT FLOW AROUND THE DAM.

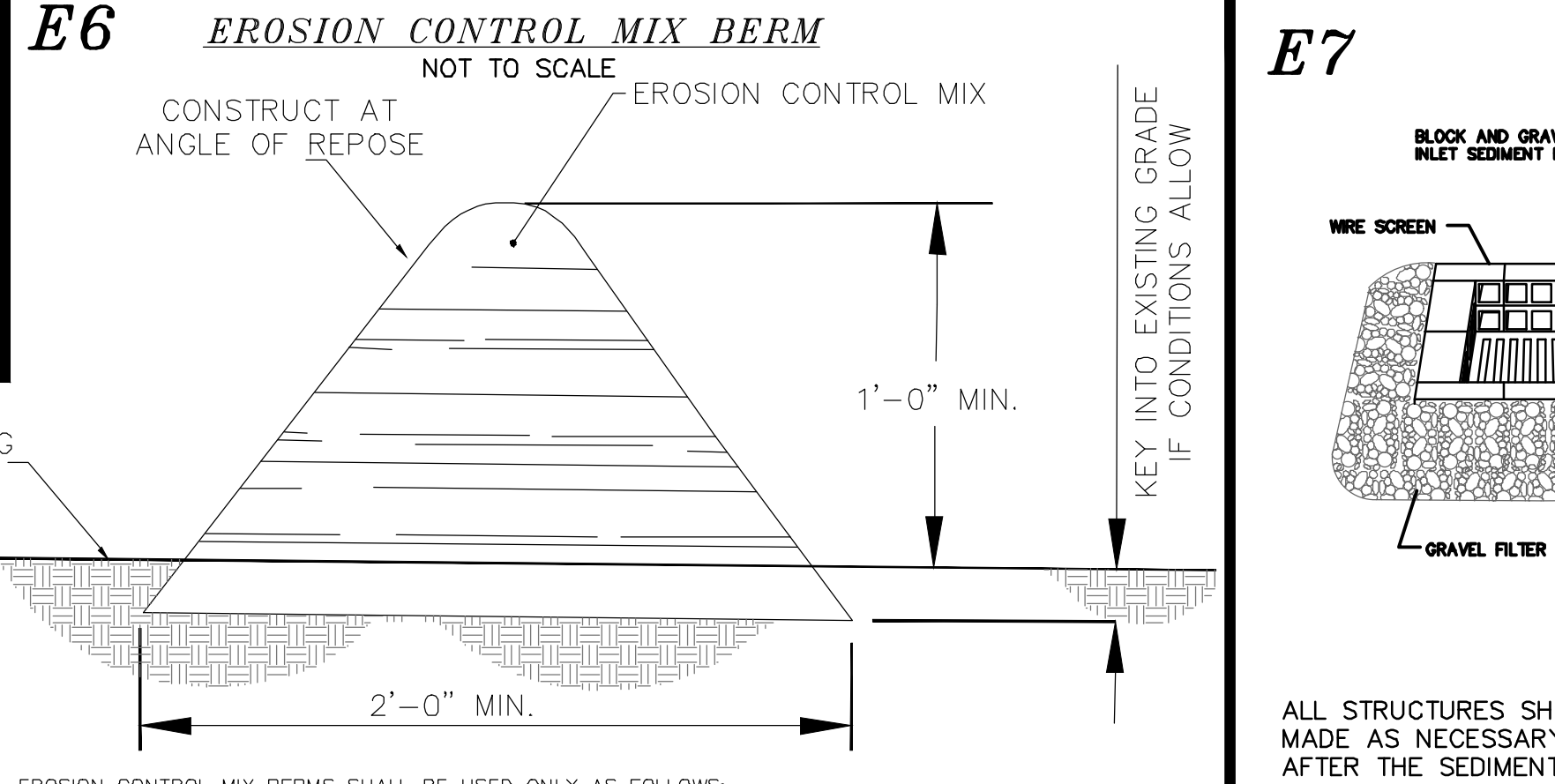


CROSS SECTION

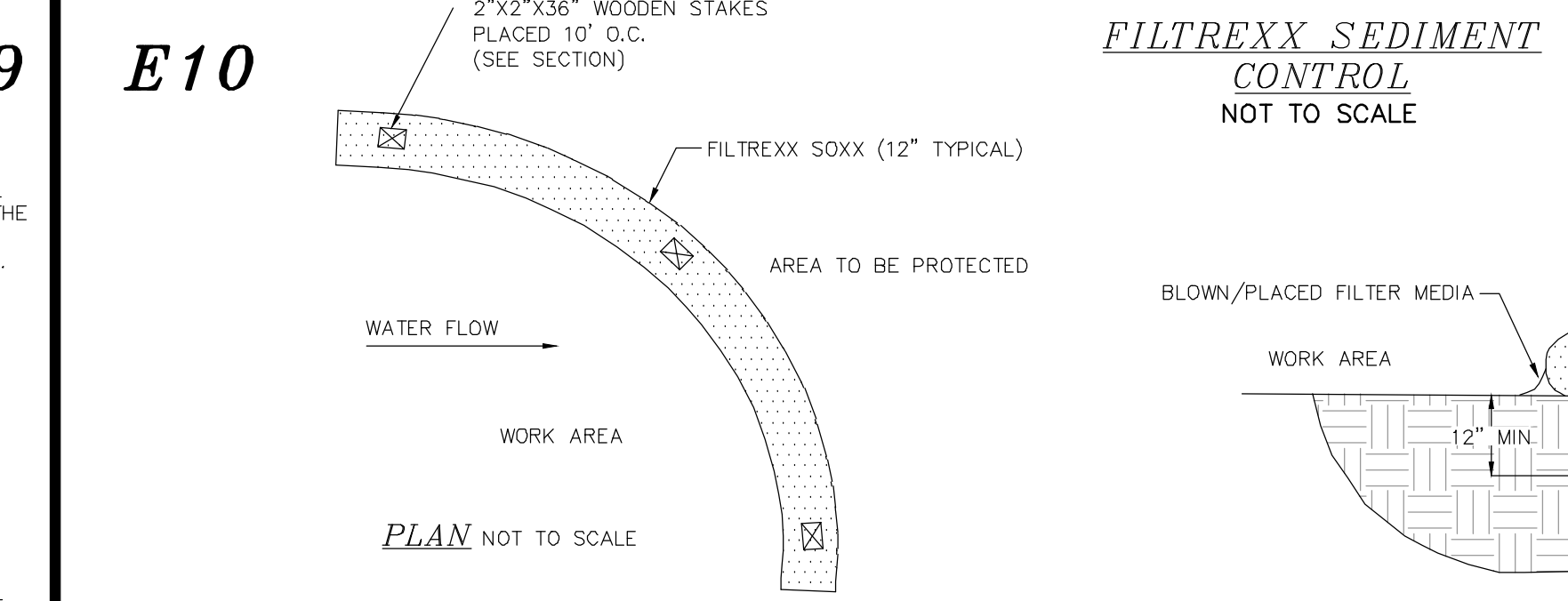
TABLE 7-24--RECOMMENDED RIP RAP GRADATION RANGES

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

- CONSTRUCT THE LEVEL SPREADER LIP ON A 0% GRADE TO INSURE UNIFORM SPREADING OF RUNOFF.
 - LEVEL SPREADER SHALL BE CONSTRUCTED ON UNDISTURBED SOIL AND NOT ON FILL.
 - 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.
 - THE FLOW FROM THE LEVEL SPREADER SHALL OUTLET ONTO STABILIZED AREAS. WATER SHOULD NOT RE-CONCENTRATE IMMEDIATELY BELOW THE SPREADER.
 - 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.
 - REFERENCE IS MADE TO NHDES SWM VOL. 2, 4-6, STONE BERM LEVEL SPREADERS, PAGE 162
- STONE BERM LEVEL SPREADER**
NOT TO SCALE

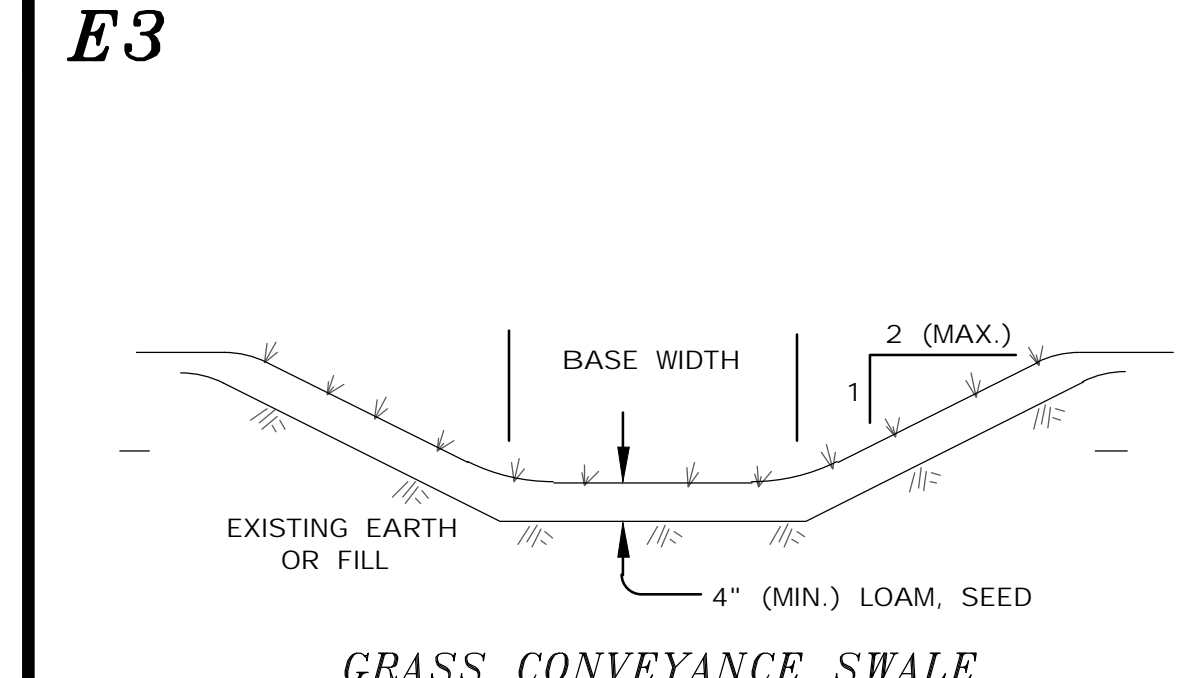


- EROSION CONTROL MIX BERMS SHALL BE USED ONLY AS FOLLOWS:**
- BERMS SHALL BE USED IN AREAS WHERE EROSION WILL OCCUR ONLY IN THE FORM OF SHEET EROSION AND THERE IS NO CONCENTRATION OF WATER IN A CHANNEL OR DRAINAGE WAY ABOVE THE BERM.
 - THE BERMS SHALL BE INSTALLED FOLLOWING THE CONTOUR OF THE LAND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



- FILTREXX SEDIMENT CONTROL**
NOT TO SCALE
- Blown/placed filter media
- Work Area
- 12" MIN.
- 2"x2"x36" WOODEN STAKES PLACED 10' O.C. (SEE SECTION)
- FILTREXX SOXX (12" TYPICAL)
- AREA TO BE PROTECTED
- 6" MIN.
- AREA TO BE PROTECTED
- 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 AND GRANGE CONSTRUCTION FENCE AS NOTED.
- SECTION** NOT TO SCALE

Filtrex International, LLC
35481 Grafton Eastern Rd | Grafton, Oh 44044
440-926-2607 | fax: 440-926-4021
www.filtrex.com
OR APPROVED EQUAL

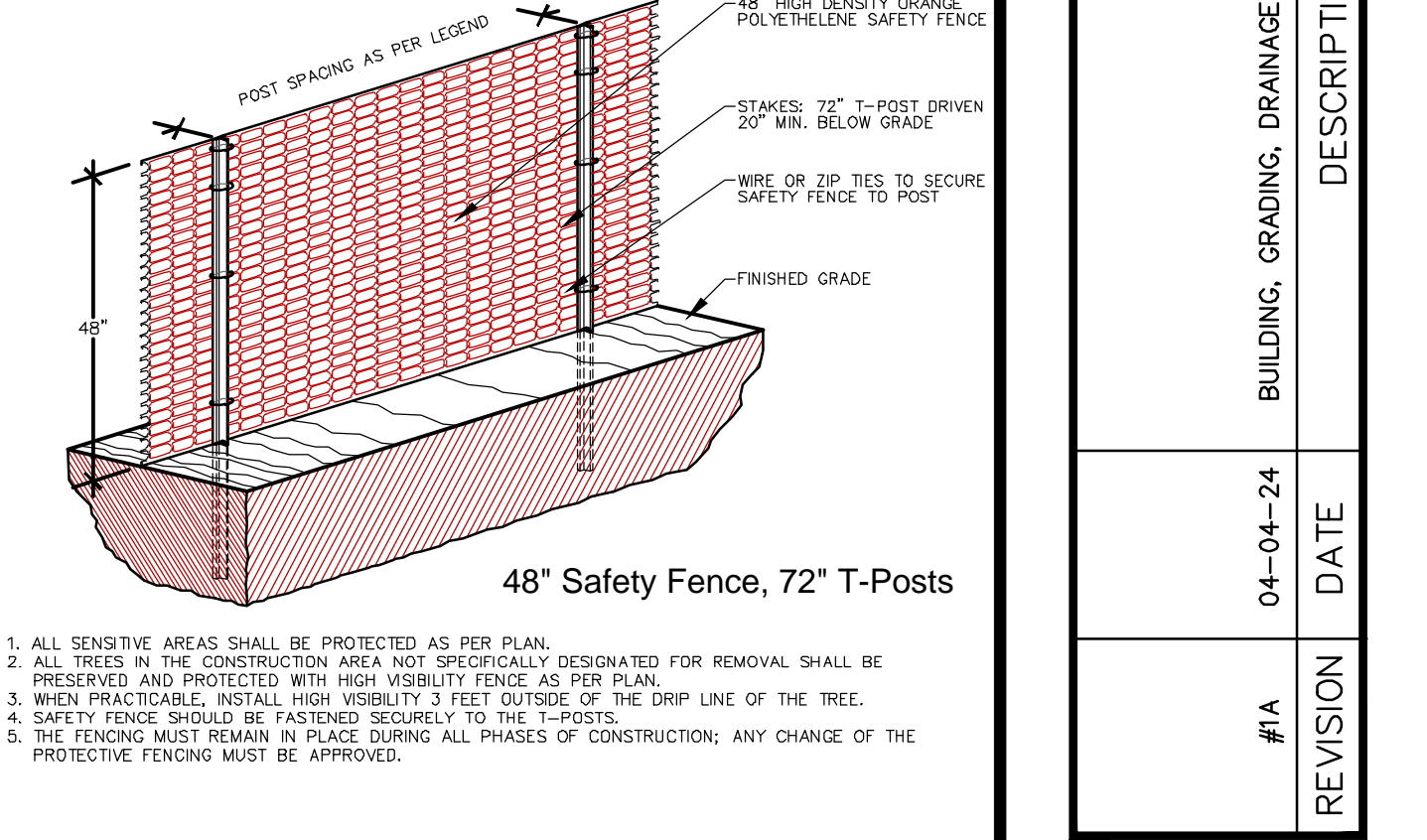


- GRASS CONVEYANCE SWALE**
NOT TO SCALE
- INSPECT ANNUALLY FOR EROSION, SEDIMENT ACCUMULATIONS, VEGETATION LOSS, & INVASIVE SPECIES. REPAIR AS NECESSARY.
- MOW GRASS ANNUALLY TO A DEPTH OF 4".
- INSTALL STABILIZATION MATTING DURING CONSTRUCTION
- TO BE CONSTRUCTED IAW NH SWM #2 CHAPTER 4, #5 TREATMENT SWALES, PAGE 123.

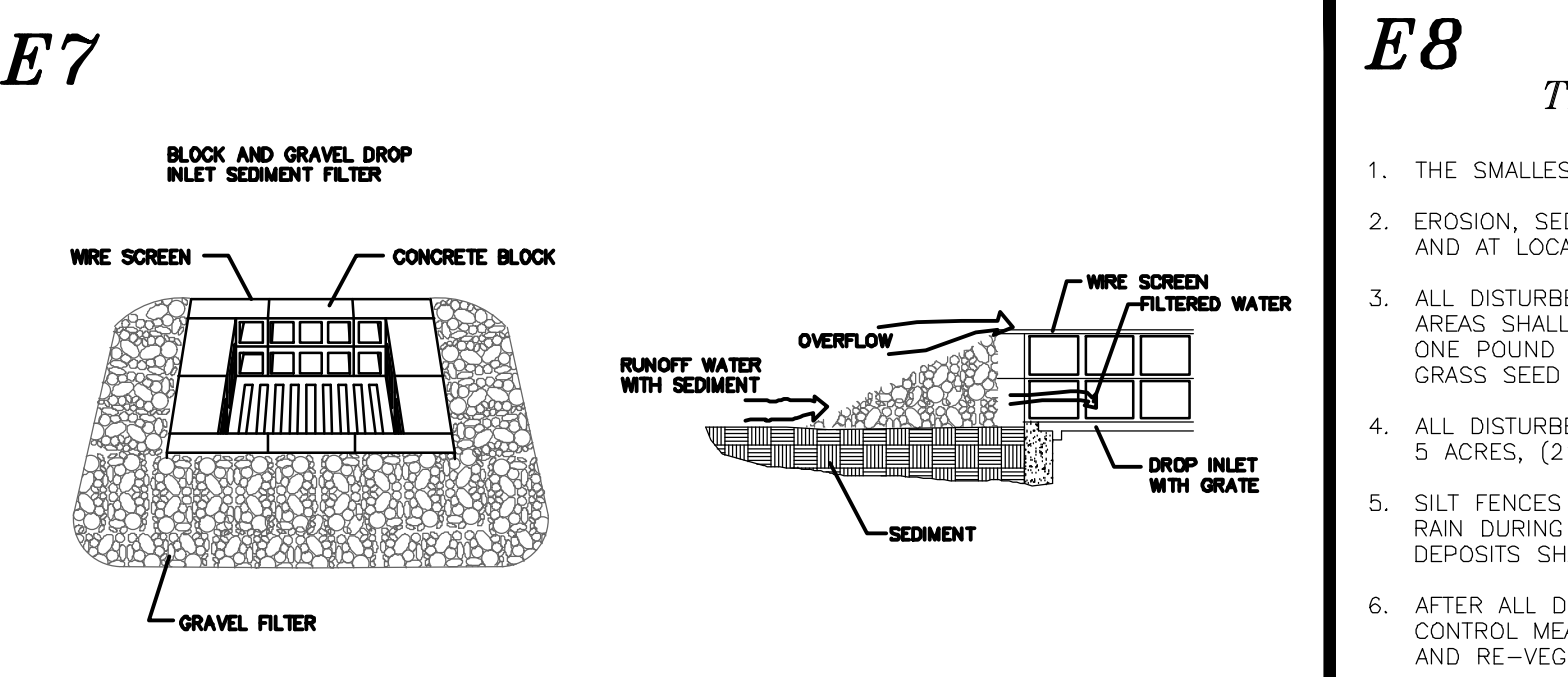
E4 CONSTRUCTION SAFETY FENCE
NOT TO SCALE

LEGEND

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



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



- MAINTENANCE**
- ALL STRUCTURES SHOULD BE INSPECTED AFTER EVERY RAIN STORM AND REPAIRS MADE AS NECESSARY. SEDIMENT SHOULD BE REMOVED FROM TRAPPING DEVICES AFTER THE SEDIMENT HAS REACHED A MAXIMUM OF ONE HALF THE DEPTH OF THE TRAP. THE SEDIMENT SHOULD BE DISPOSED OF IN A SUITABLE AREA AND PROTECTED FROM EROSION BY EITHER STRUCTURE OR VEGETATIVE MEANS. THE TEMPORARY TRAPS SHOULD BE REMOVED AND THE AREA REPAIRED AS SOON AS THE CONTRIBUTING DRAINAGE AREA TO THE INLET HAS BEEN COMPLETELY STABILIZED.
- BLOCK & GRAVEL DROP INLET SEDIMENT FILTER**
NOT TO SCALE
- TO BE USED IN ALL AREAS WHERE THERE WILL BE NO TRAFFIC.

- E8 TEMPORARY EROSION CONTROL MEASURES**
- THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME.
 - EROSION, SEDIMENT AND DETENTION MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND AT LOCATIONS AS REQUIRED, DIRECTED BY THE ENGINEER.
 - ALL DISTURBED AREAS SHALL BE RETURNED TO ORIGINAL GRADES AND ELEVATIONS. DISTURBED AREAS SHALL BE LOADED WITH A MINIMUM OF 4" OF LOAM AND SEEDING WITH NOT LESS THAN ONE POUND OF SEED PER 50 SQUARE YARDS OF AREA. APPLY HAY OR STRAW MULCH WITH RYE GRASS SEED TO TEMPORARILY STABILIZE THE AREA UNTIL FINAL GRADE IS ACHIEVED.
 - ALL DISTURBED AREAS WILL BE RESTABILIZED WITHIN 45 DAYS. AT ANY ONE TIME, NO MORE THAN 5 ACRES, (217,800 Sq. Ft.) WILL BE DISTURBED.
 - SILT FENCES AND PERIMETER BARRIERS SHALL BE INSPECTED PERIODICALLY AND AFTER EVERY RAIN DURING THE LIFE OF THE PROJECT. ALL DAMAGED AREAS SHALL BE REPAIRED, SEDIMENT DEPOSITS SHALL PERIODICALLY BE REMOVED AND DISPOSED OF.
 - AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE REMOVED AND THE AREA DISTURBED BY THE REMOVAL SMOOTHED AND RE-VEGETATED.
 - PER THE EPA COP REQUIREMENTS THERE WILL BE REPORTS OF THE EROSION CONTROL INSPECTIONS IAW SWPPP PREPARED BY BS&E. ALL EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER 0.25" OR GREATER RAIN EVENT.
 - ROADWAYS, DRIVEWAYS AND CUT AND FILL SLOPES MUST BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINAL GRADE.
 - STABILIZATION MEANS:
 - A MINIMUM OF 85% OF VEGETATIVE COVER HAS BEEN ESTABLISHED.
 - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP RAP HAS BEEN INSTALLED, OR
 - EROSION CONTROL BLANKETS HAVE BEEN INSTALLED.
 - THIS PROJECT IS TO BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430:53 AND CHAPTER AGR 3800 RELATIVE TO INVASIVE SPECIES.
 - THE NHDES STORMWATER MANUAL, IN THREE VOLUMES, DATED DECEMBER 2008, IS A PART OF THIS PLAN SET AND THE MORE RESTRICTIVE WILL GOVERN. (NH SWM)

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

SCALE: AS NOTED
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023-017

FOR TOWN APPROVAL PURPOSES:

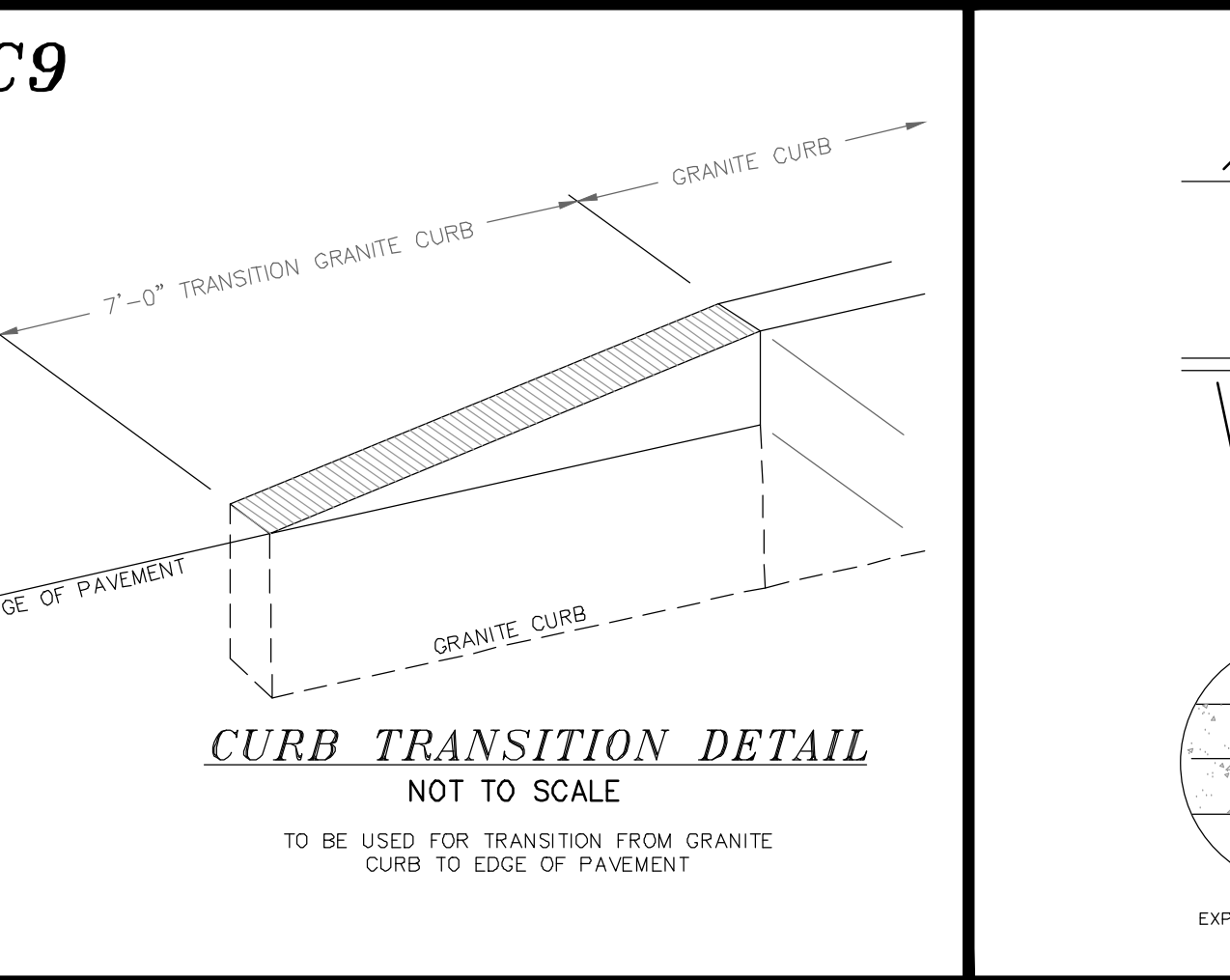
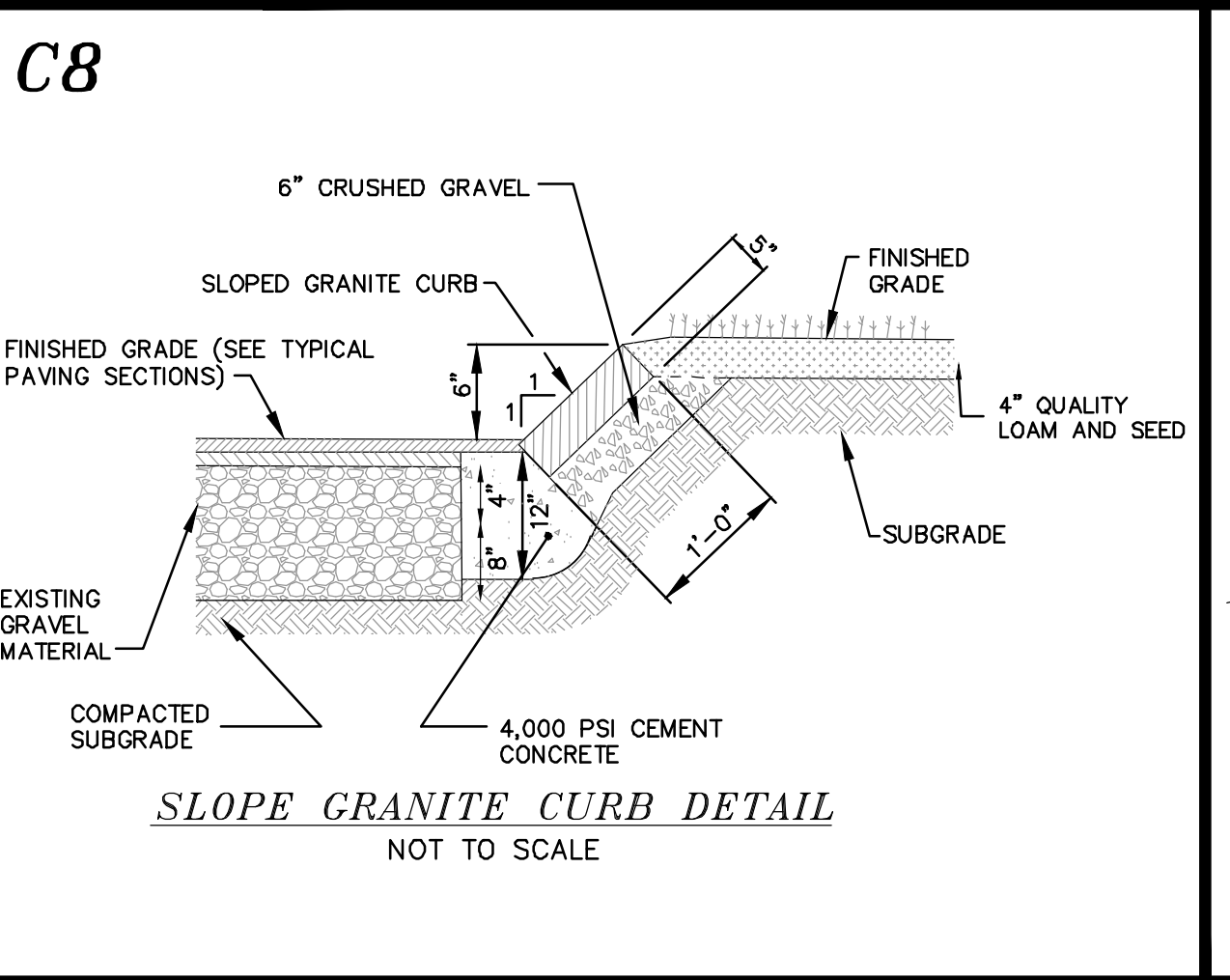
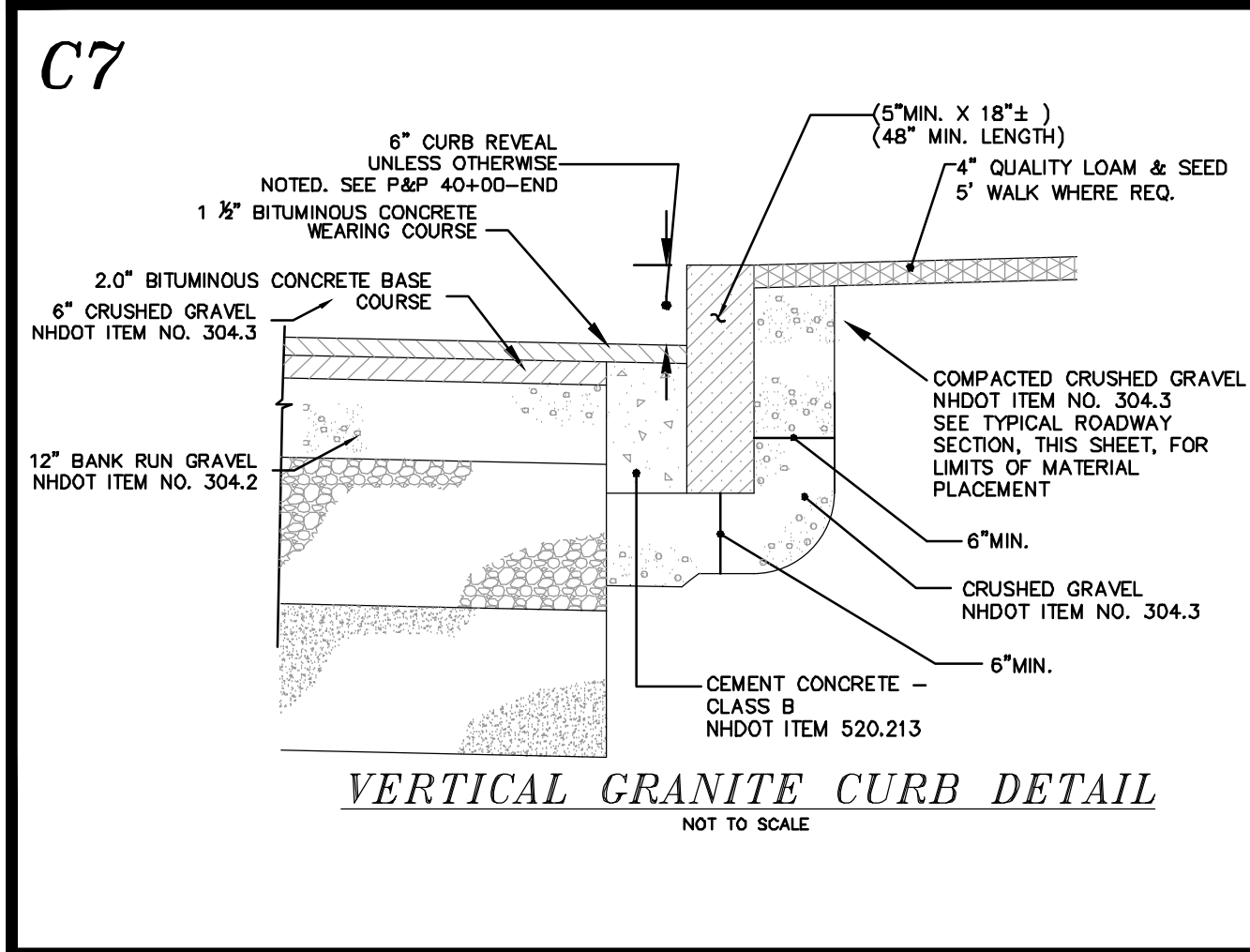
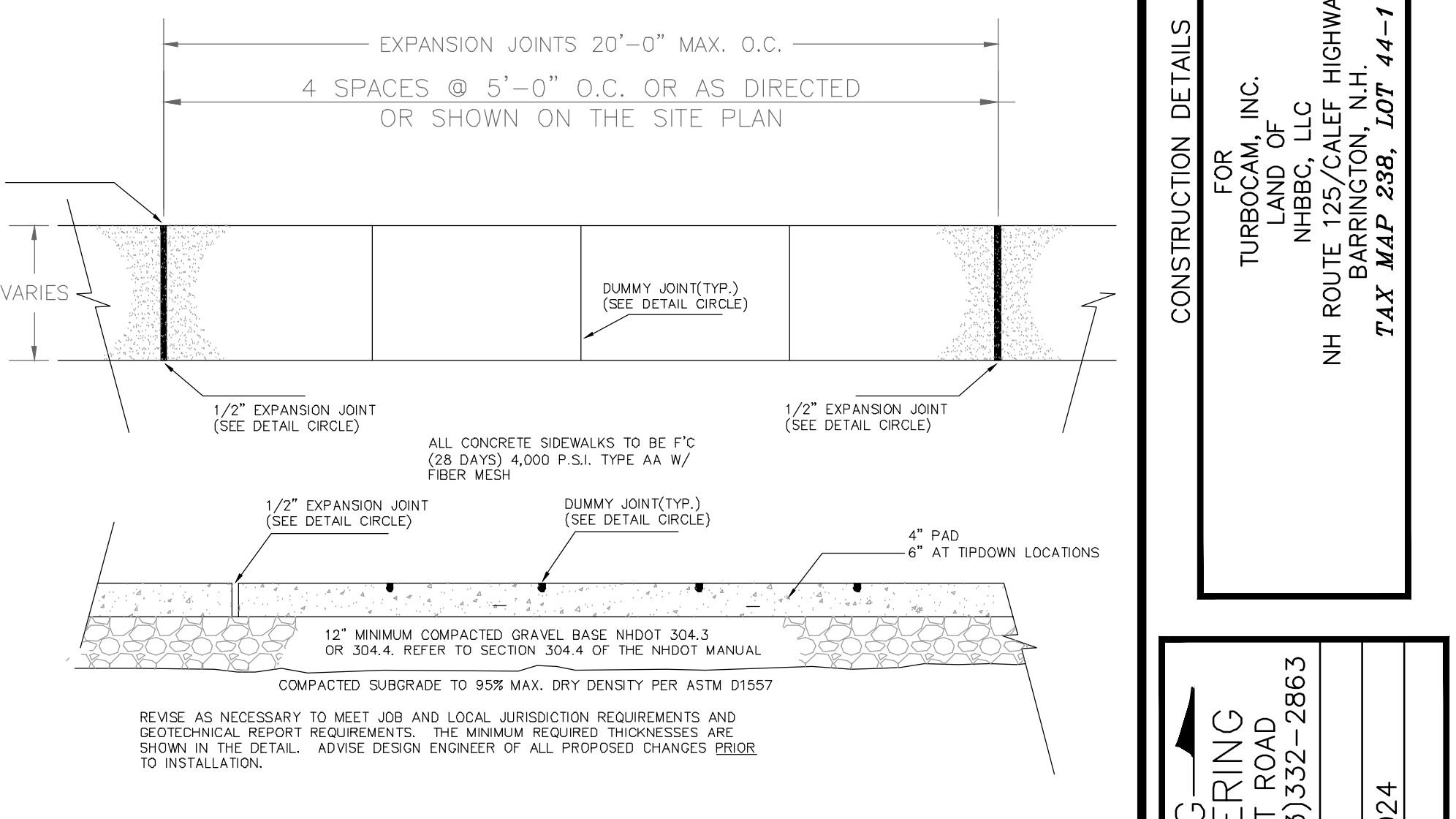
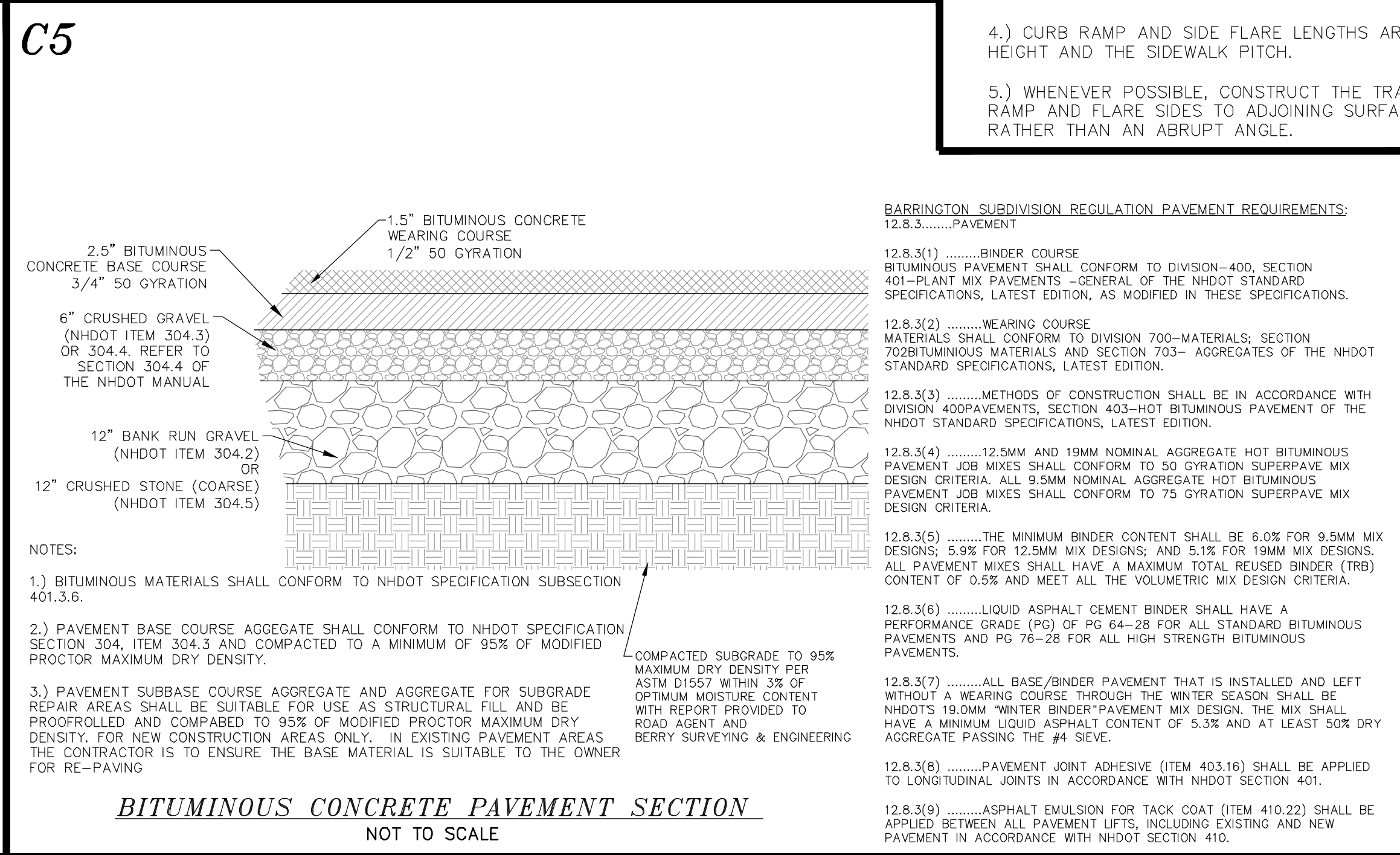
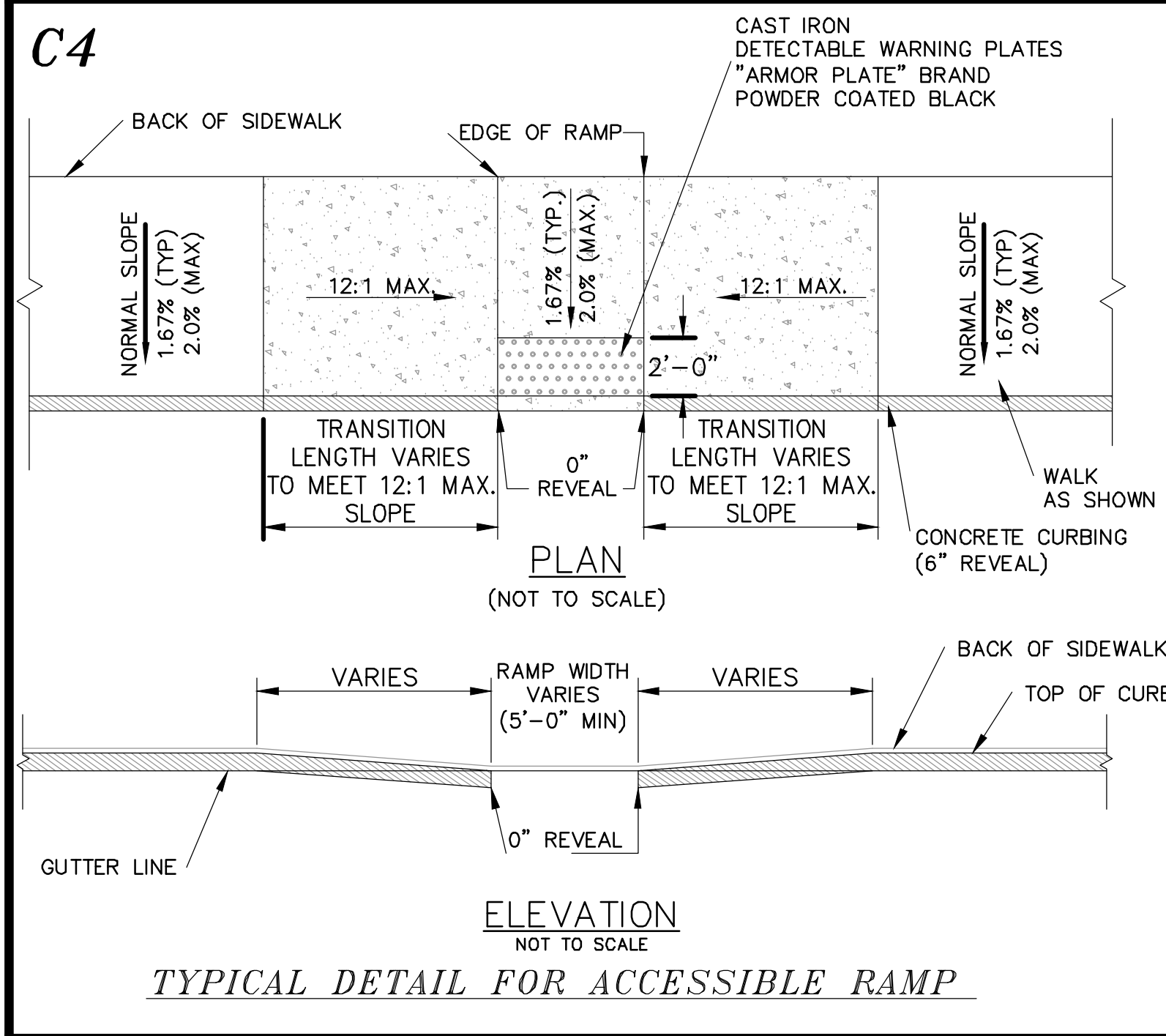
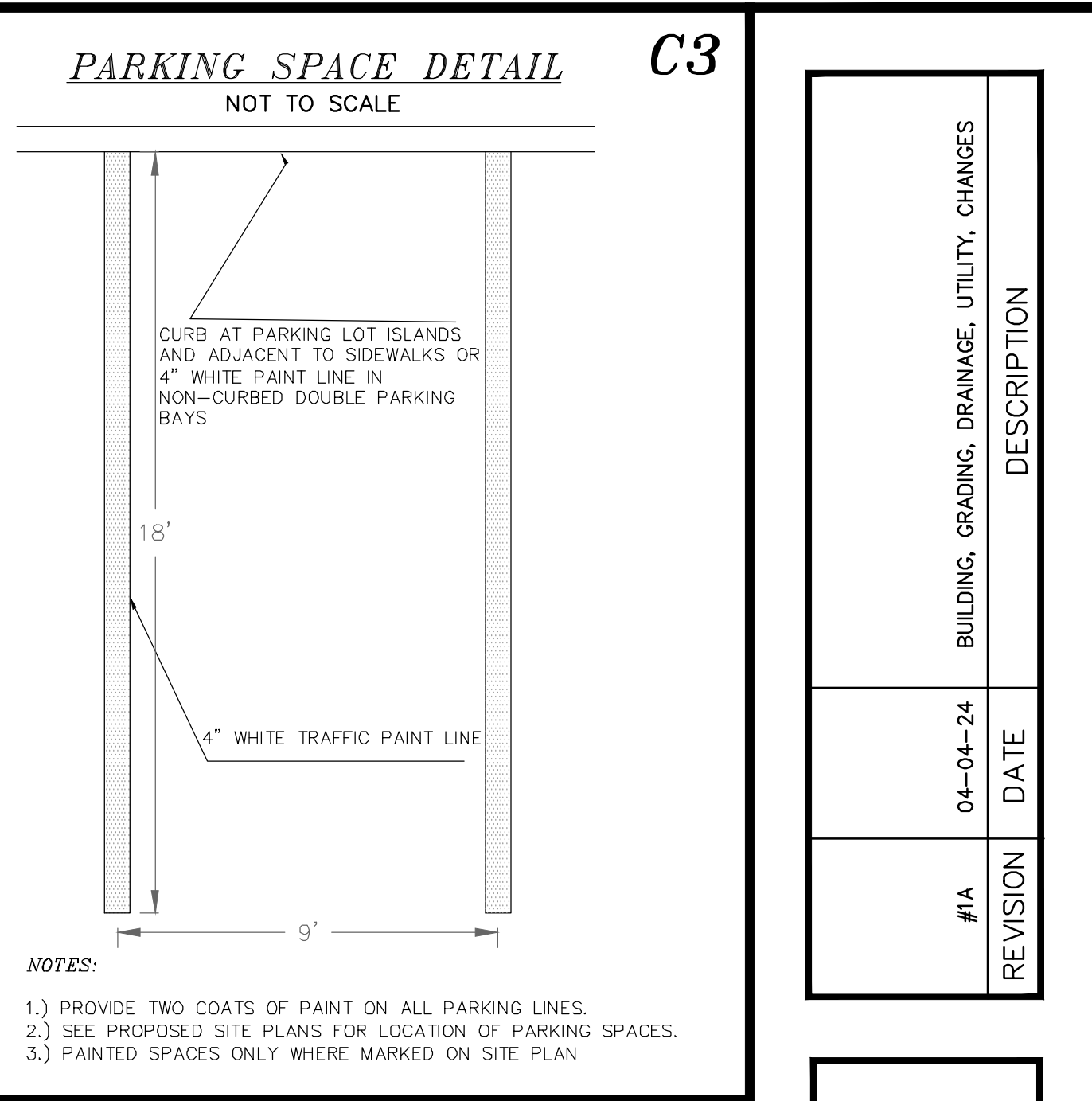
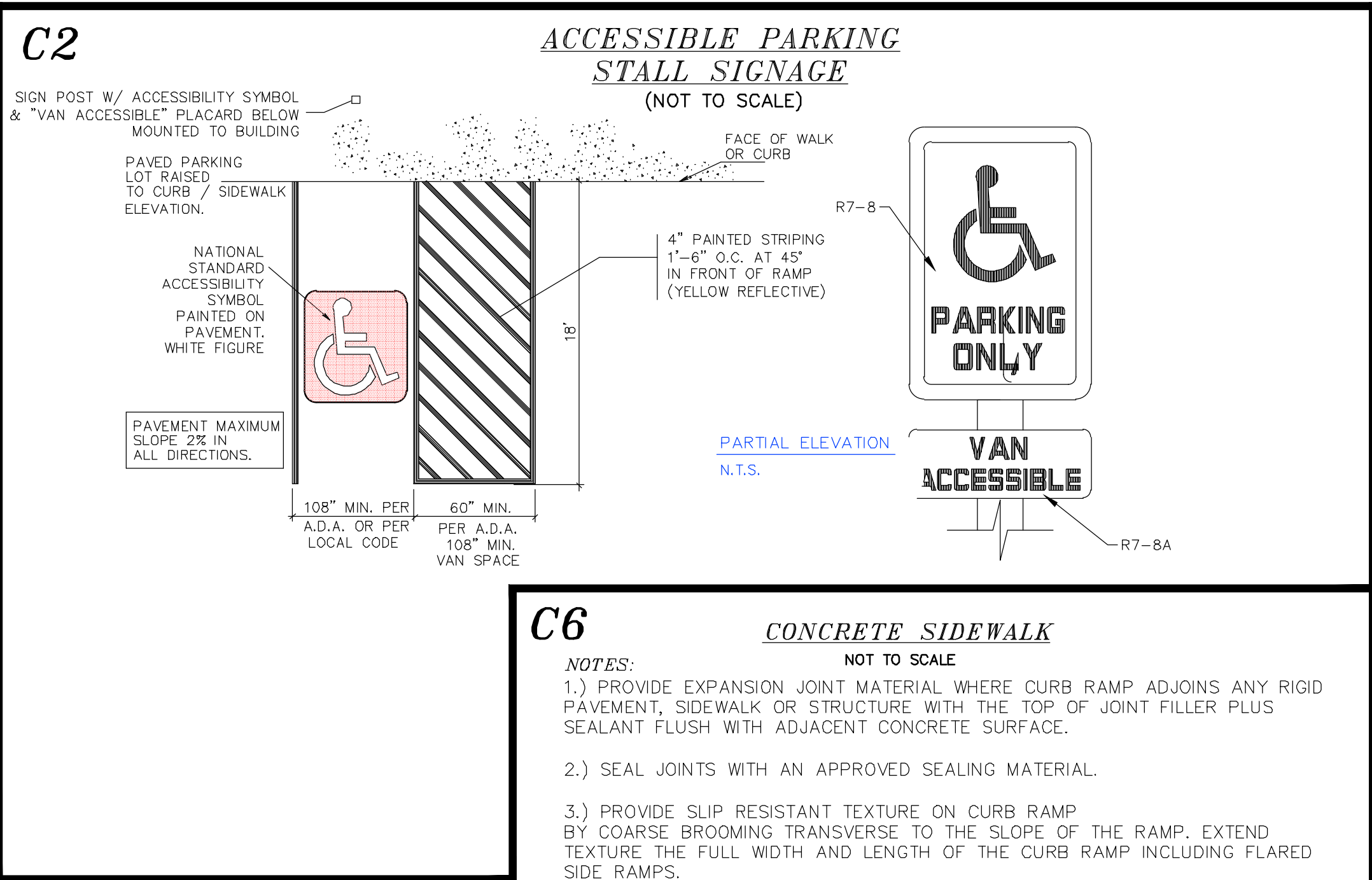
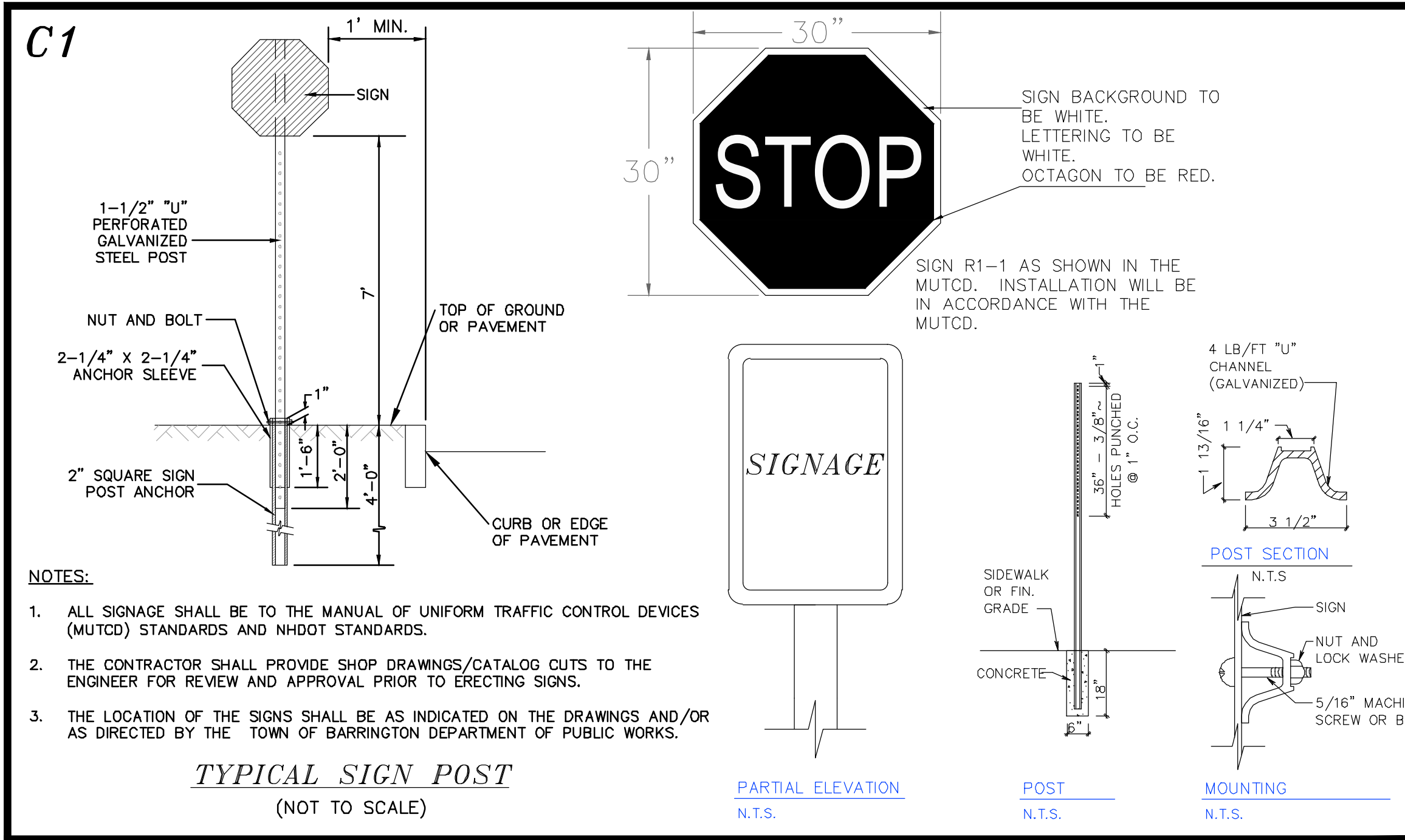
THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

KENNETH A. BERRY
No. 14243
LICENSED PROFESSIONAL ENGINEER

EROSION & SEDIMENT CONTROL DETAILS

FOR TURBOCAM, INC.
LAND OF
NHBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 23B, LOT 44-1

REVISION #1A 04-04-24 DATE DESCRIPTION BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES



C-101

FOR TOWN APPROVAL PURPOSES:

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

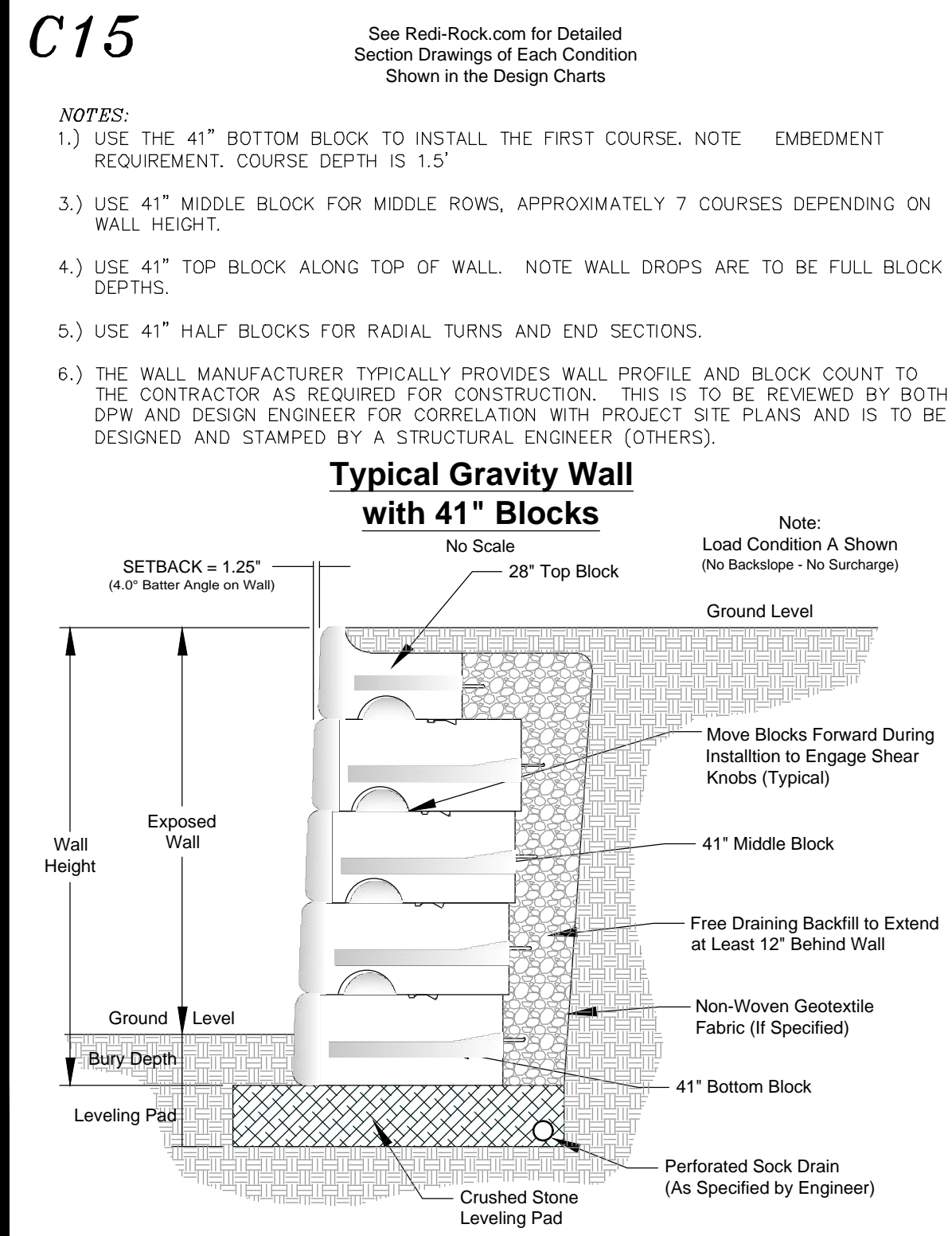
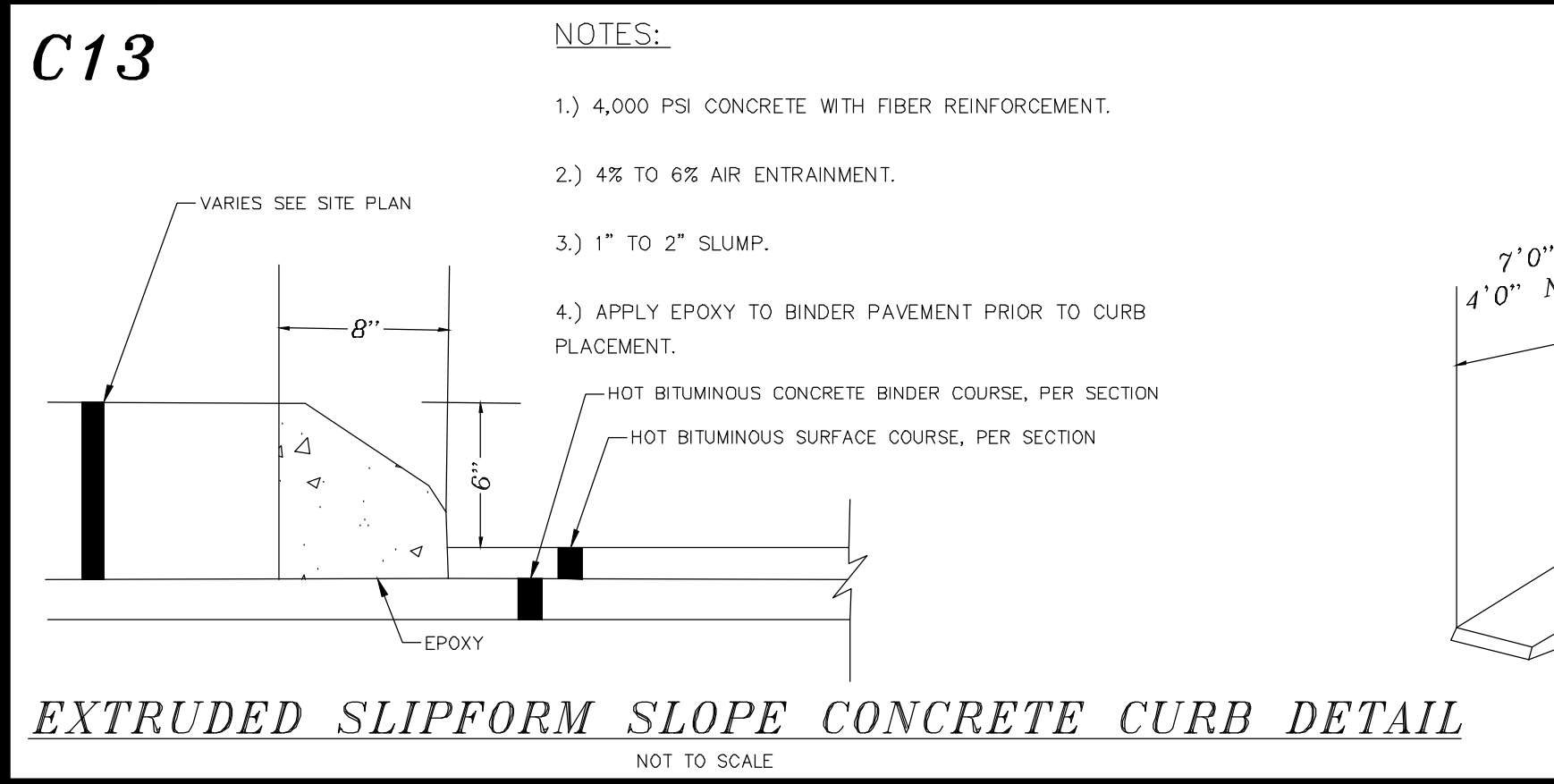
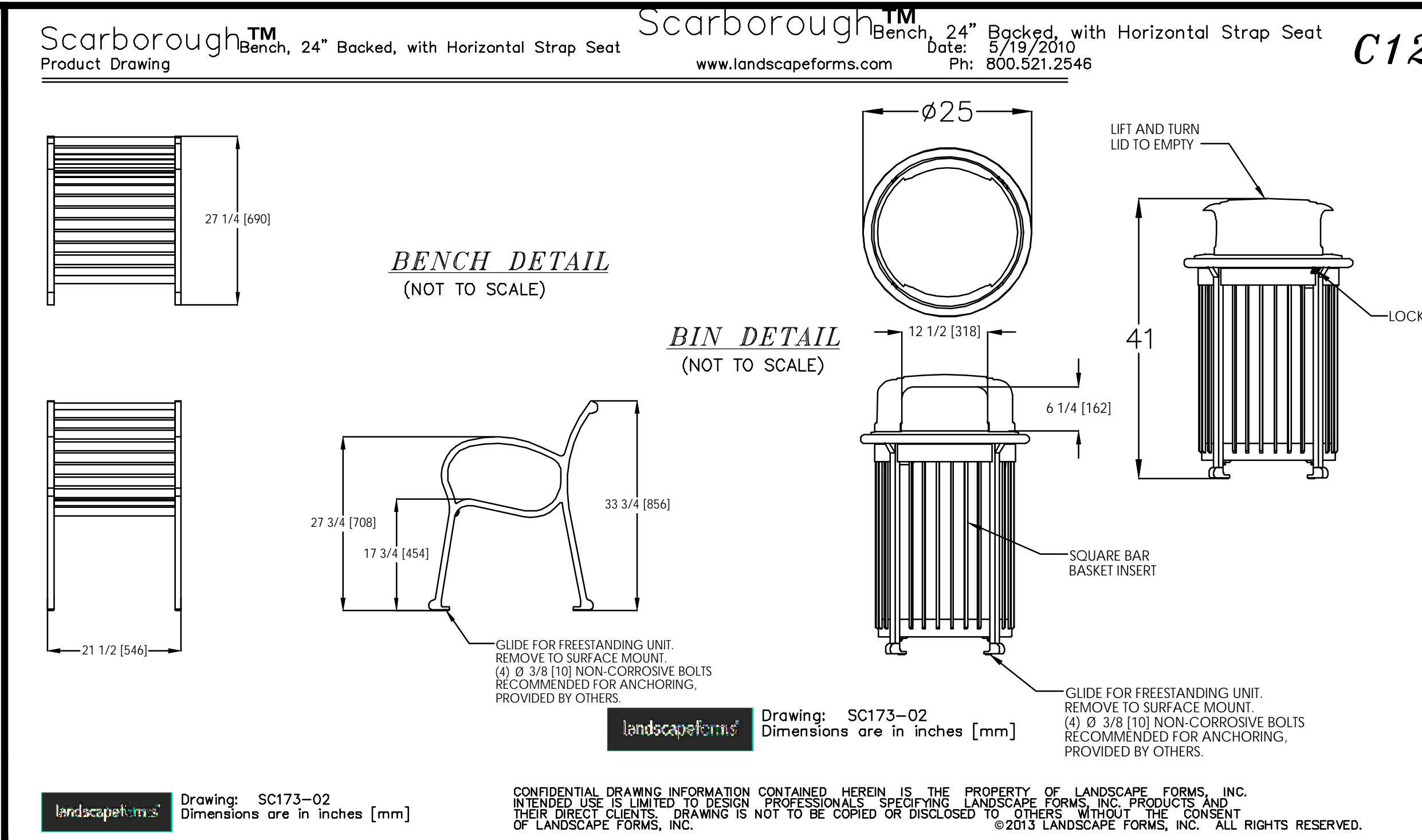
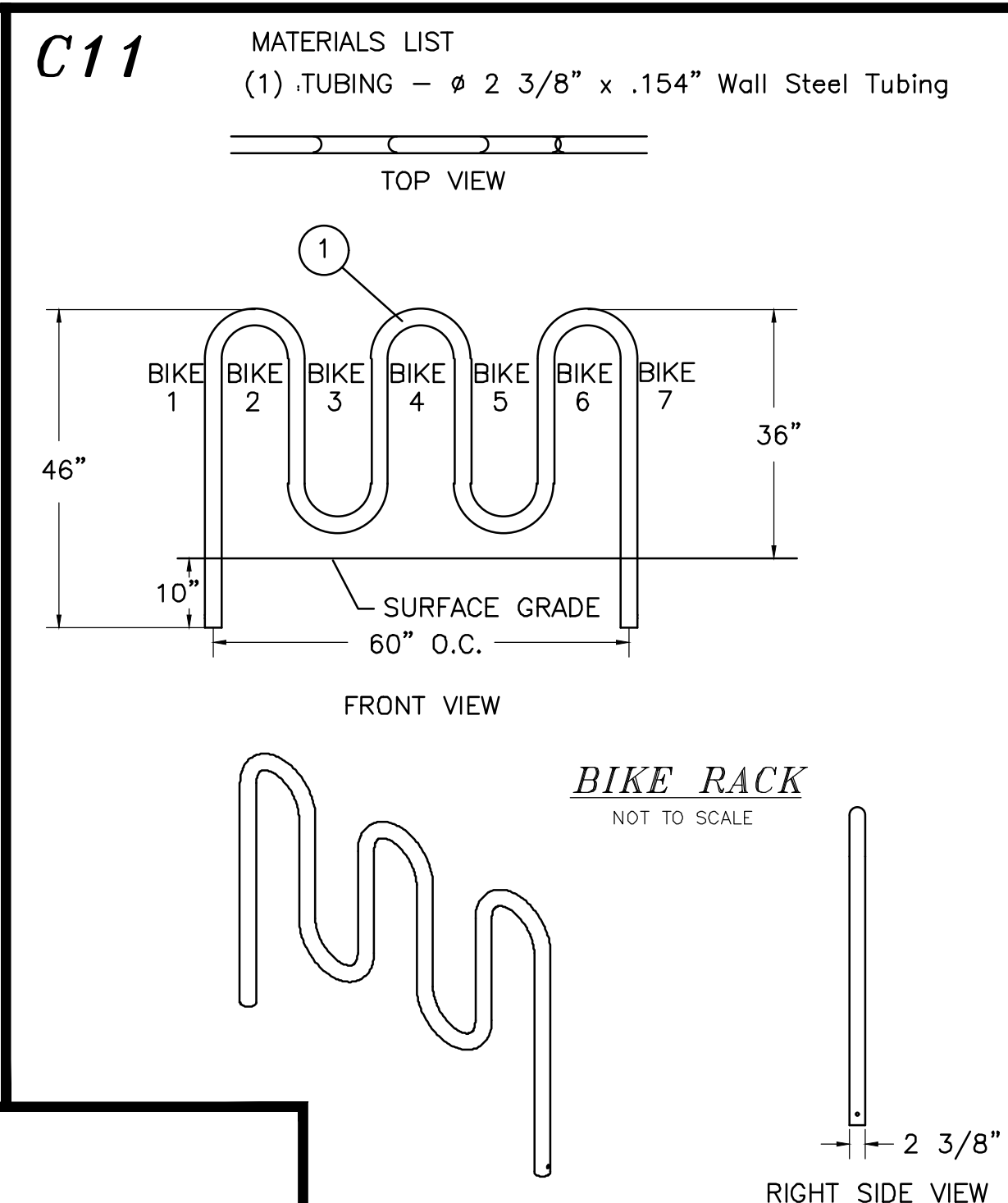
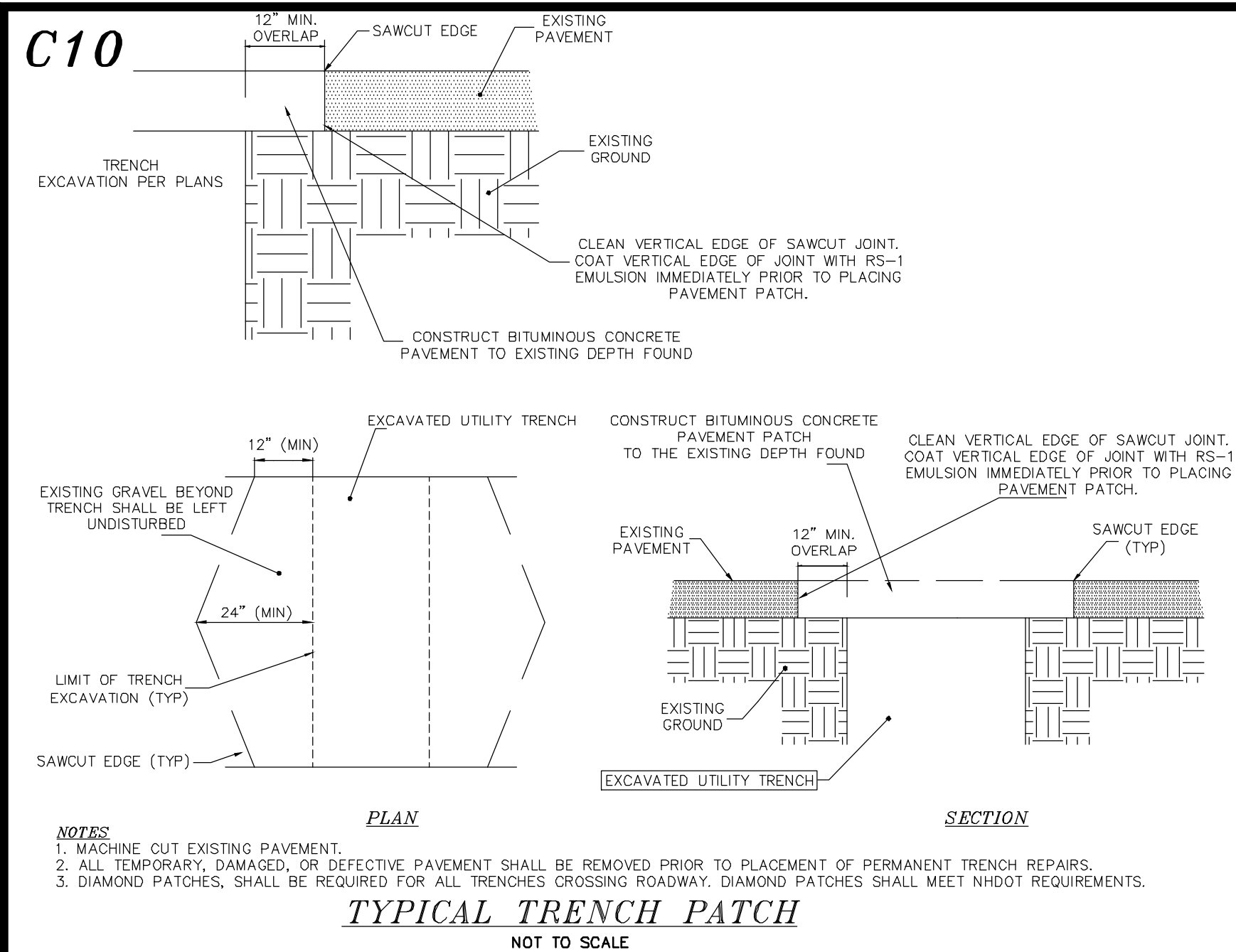
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: AS NOTED
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023 - 017

KENNETH A. BERRY
No. 14243
LICENSED PROFESSIONAL ENGINEER

SHEET 39 OF 51

#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES
REVISION	DATE	DESCRIPTION

CONSTRUCTION DETAILS FOR TURBOCAM, INC. LAND OF NHBBC, LLC NH ROUTE 125/CALEF HIGHWAY BARRINGTON, N.H. TAX MAP 23B, LOT 44-1

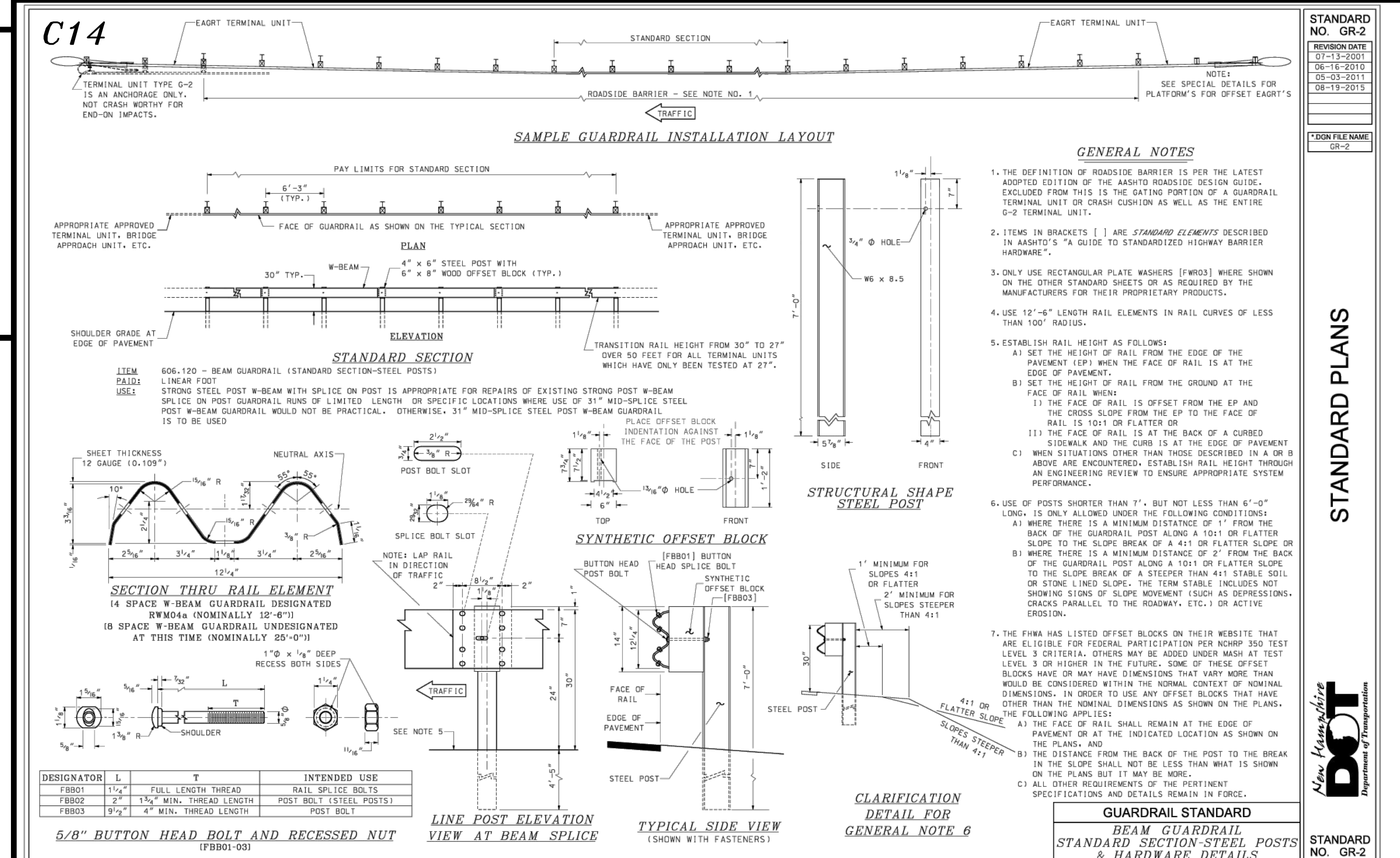


41" SERIES BLOCKS

<p>Top - 28" Volume = 8.55 cft Weight = ±1223 lbs C of G = 15.06"</p>	<p>Half Top - 28" Volume = 4.13 cft Weight = ±591 lbs</p>
<p>Middle - 41" Volume = 16.44 cft Weight = ±2351 lbs C of G = 20.92"</p>	<p>Half Middle - 41" Volume = 7.28 cft Weight = ±1041 lbs</p>
<p>Bottom - 41" Volume = 17.37 cft Weight = ±2483 lbs C of G = 21.3"</p>	<p>Half Bottom - 41" Volume = 7.73 cft Weight = ±1105 lbs</p>

Redi-Rock® International, LLC
RETAINING WALL DETAIL
NOT TO SCALE

NOTE: RETAINING WALL TO BE DESIGNED BY A LICENSED PROFESSIONAL GEOTECHNICAL/STRUCTURAL ENGINEER.



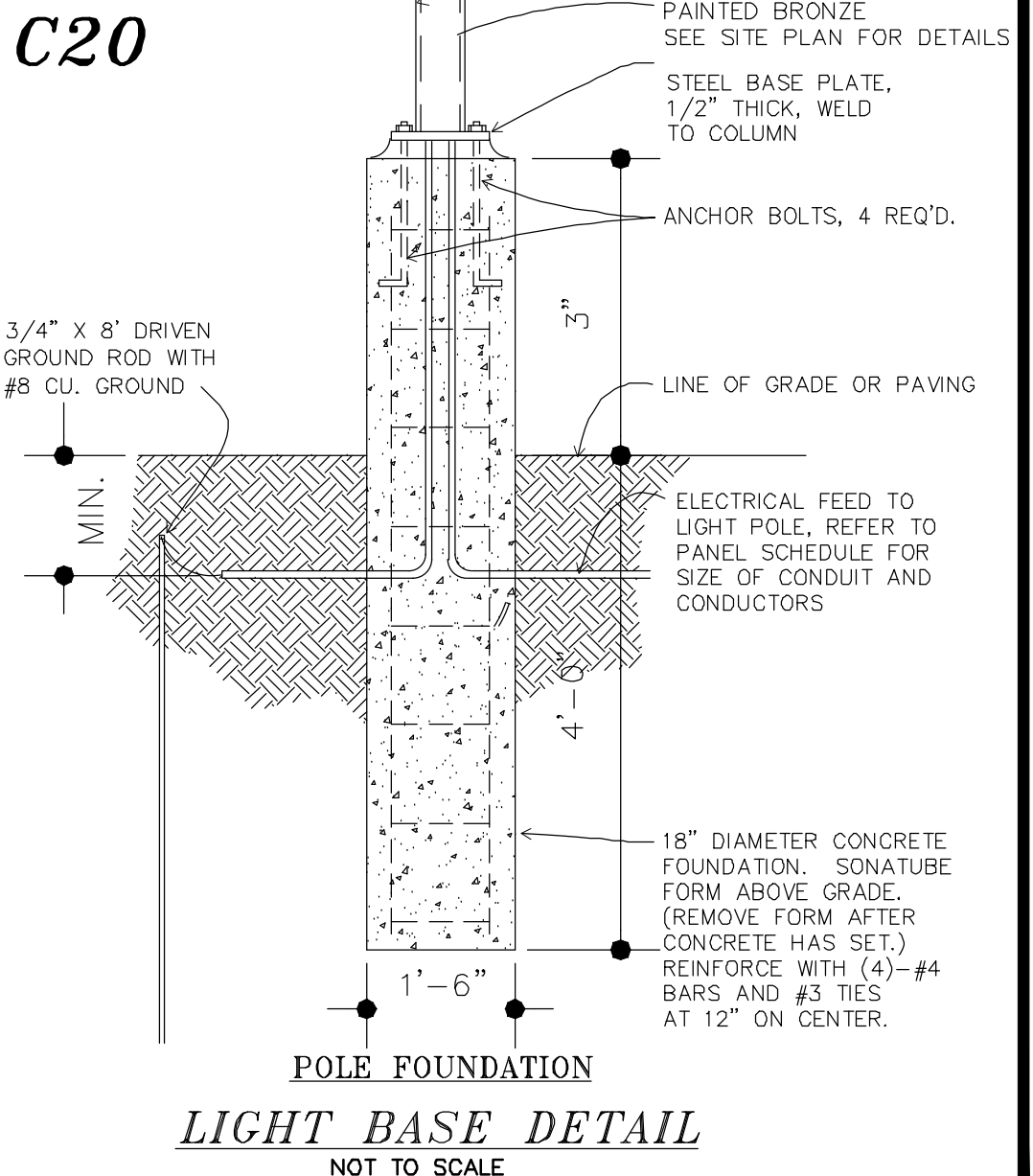
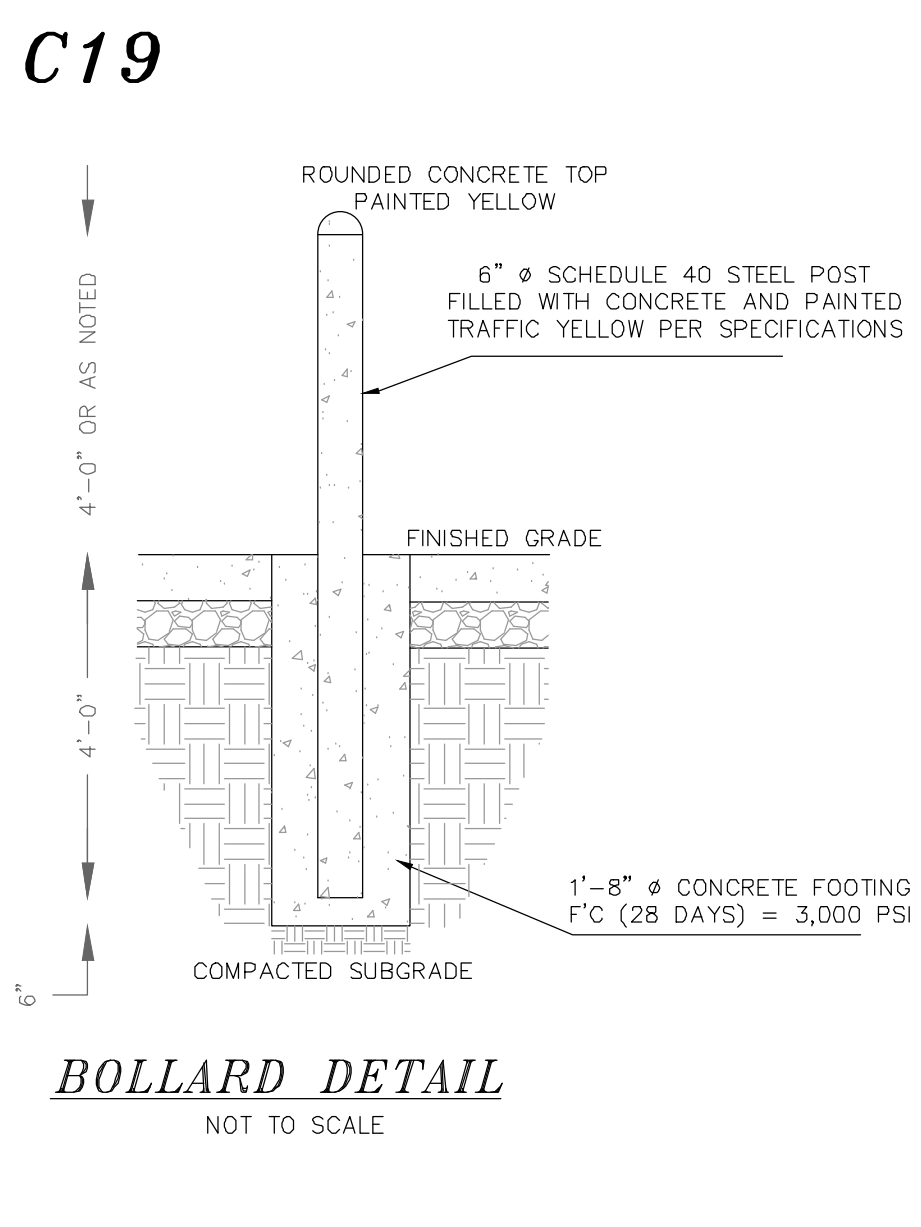
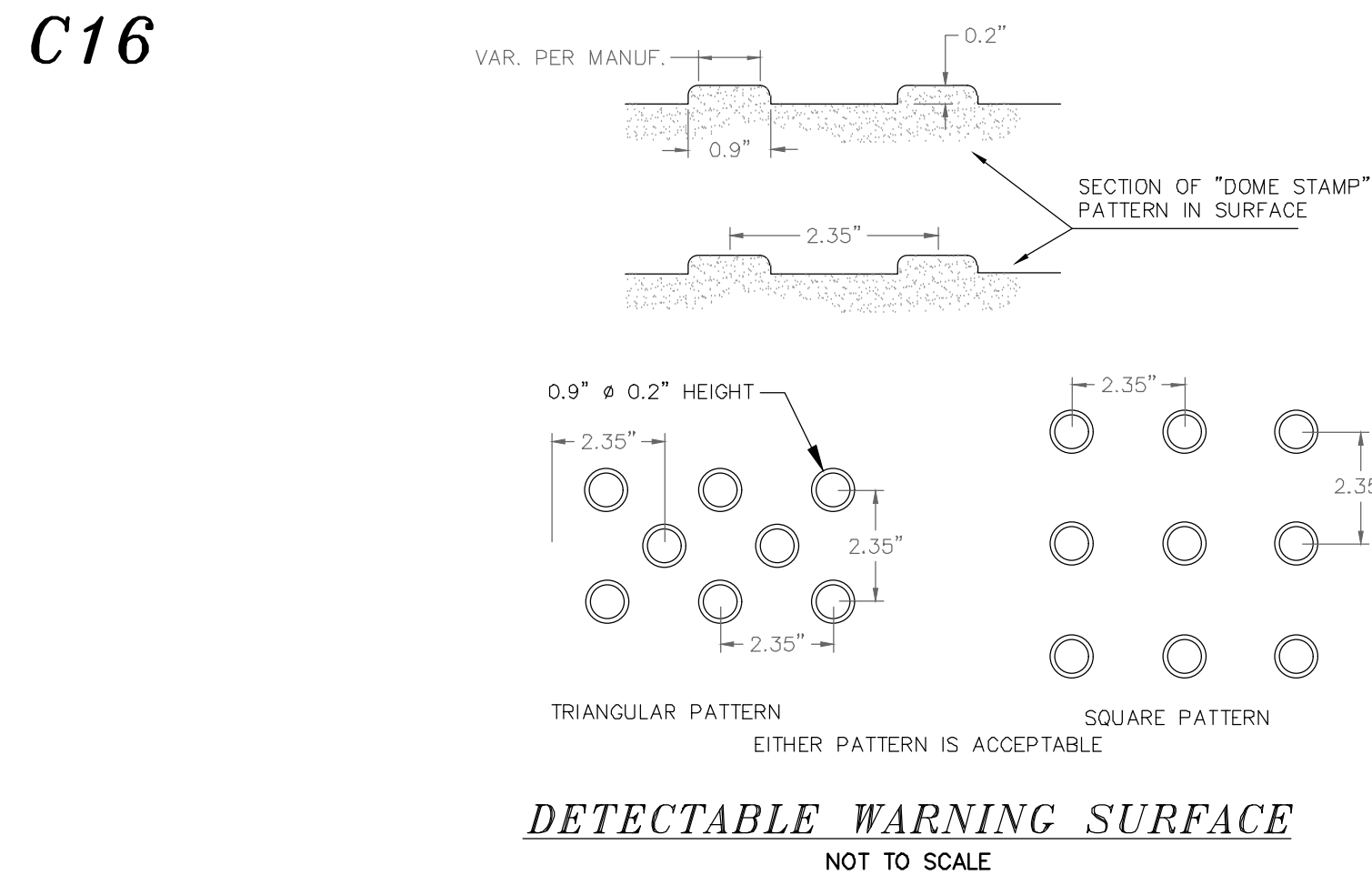
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES
REVISION	DATE	DESCRIPTION

CONSTRUCTION DETAILS

FOR TURBOCAM, INC.
LAND OF NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 23B, LOT 4-1

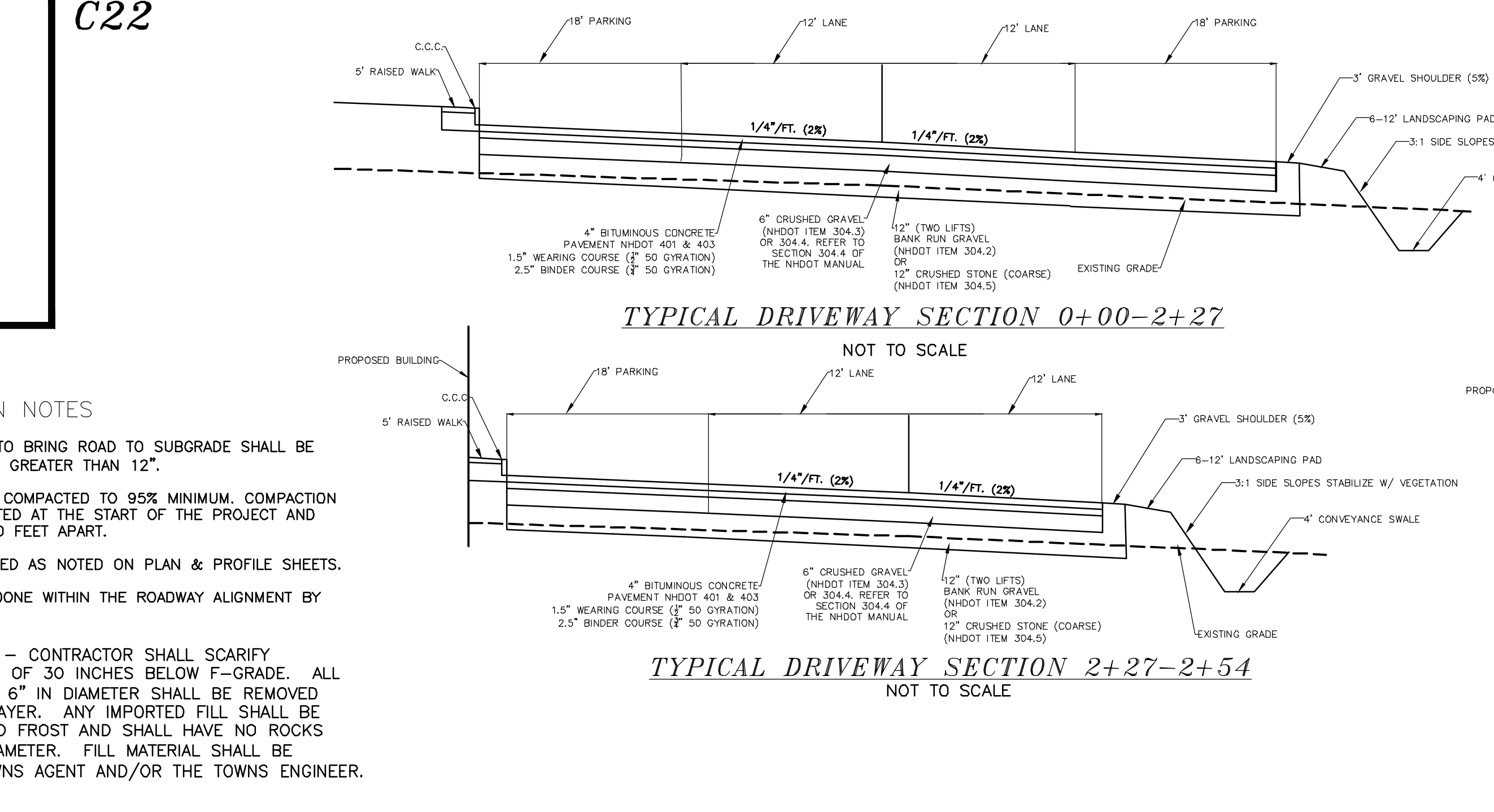
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: AS NOTED
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023 - 017

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



FOR TOWN APPROVAL PURPOSES:

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.



C17

Autobahn Series ATB0 Roadway Lighting

PRODUCT OVERVIEW

Applications: Roadways, Off ramps, Residential streets, Parking lots

Features:

- OPTICAL**
 - Same Light: Performance is comparable to 70-250W HPS roadway luminaires.
 - White Light: Correlated color temperature - 4000K, 70 CRI minimum, 3000K, 70 CRI minimum or optional 5000K, 70 CRI minimum.
 - Unique IP66 rated LED light engines provided 0% uplight and restrict backlight to within sidewalk depth, providing optimal application coverage and optimal pole spacing. Available in Type II, III, IV, and V roadway distributions.
- ELECTRICAL**
 - Expected Life: LED light engines are rated >100,000 hours at 25°C, L70. Electronic driver has an expected life of 100,000 hours at a 25°C ambient.
 - Lower Energy: Saves an expected of 40-60% over comparable HID luminaires.
 - Robust Surge Protection: Three different surge protection options provide a minimum of ANSI C136.2 10kV/3kA protection. 20kV/10kA protection is also available.
- MECHANICAL**
 - Includes standard AEL line-man friendly features such as tool-less entry, 3 station terminal block and quick-d disconnect. Bubble-level located inside the electrical compartment for easily leveling at install site.
 - Rugged die-cast aluminum housing and door are polyester powder-coated for durability and corrosion resistance. Rigorous five-stage pre-treating and painting process yields a finish that achieves a salt-crystallization rating of 7 (per ASTM D1654) after over 5000 hours exposure to salt fog chamber (operated per ASTM B1171).
 - Most arm mount is adjustable for arms from 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) diameter. Provides a 36 vibration rating per ANSI C136.31
 - Wildlife shield is cast into the housing (not a separate piece).
- CONTROLS**
 - NEMA 3 pin photocontrol receptacle is standard, with the Acuity designed ANSI standard 7 pin receptacle optionally available.
 - Premium solid state locking style photocontrol - PCS (10 year rated life) Extreme long life solid state locking style photocontrol - PCL (20 year rated life).
 - Multi-level dimming available to provide scheduled dimming as specified by the customer.
 - Optional onboard Adjustable Output module allows the light output and input wattage to be modified to meet site specific requirements, and also can allow a single fixture to be flexibly applied in many different applications.

STANDARDS

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.dlcqualified.com to confirm which versions are qualified.

Color temperatures of ≤ 3000K must be specified for International Dark-Sky Association certification.

Rated for -40°C to 40°C ambient
CSA Certified to U.S. and Canadian standards
Complies with ANSI: C136.2, C136.10, C136.14, C136.31, C136.15, C136.37

DIMENSIONS

Effective Projected Area (EPA): The EPA for the ATB0 is 9.75 sq. ft. Approx. Wt. = 14 lbs.

LAMP "A"

C18

WSQ LED Architectural Wall Sconce

Specifications Luminaires

Height: 9.3/8" (23.8 cm)
Width: 18" (45.7 cm)
Depth: 9" (22.8 cm)
Weight: 17 lbs (7.7 kg)

Optional Back Box (BBW)

Height: 4" (10.2 cm)
Width: 5-1/2" (14.0 cm)
Depth: 1-1/2" (3.8 cm)

Ordering Information

EXAMPLE: WSQ LED P2 40K SR3 MVOLT DBBTD

WSQ LED Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting	Options	Finish (required)
WSQ LED	P1	30K	SR2 Type II	MVOLT1	Shipped included (blank) surface mount	Shipped install ed	DBBTD Dark bronze
	P2	40K	SR3 Type III	220	BBW surface-mounted back box	PE Photometric cell, button type ¹⁾	DLBTD Black
	P3	50K	SR4 Type IV	208		SF Single face (1.2, 2.7, 3.0V) ¹⁾	NALBTD Natural aluminum
	P4			240		DF Double face (2.0, 2.4, 4.8V) ¹⁾	DWBTD White
				277		DMG 0-10v dimming wires pulled outside fixture for use with an external control, ordered separately.	DSBTD Sandstone
				347		E3BWC Emergency battery backup. Certified in CA Title 20 (MAGRES 100V, 40%) ¹⁾	DLBTD Textured black
				480		E10WBV Emergency battery backup. Certified in CA Title 20 (MAGRES 100V, 51%) ¹⁾	DLATBTD Textured natural aluminum
						WLU Wet location listed for application ¹⁾	DWBTD Textured white
						PIR Motion/ambient light sensor ¹⁾	DSBTD Textured sandstone
						DS Dual switching ¹⁾	
						SPD Separate Surge Protection ¹⁾	
						Shipped separately	
						YG Yarn guard	
						WG Wire guard	

Emergency Battery Operation

The emergency battery backup (E3BWC & E10WBV optional) is integral to the luminaire - no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All E3BWC & E10WBV configurations include an independent secondary driver with an integral relay to immediately detect AC power loss.

The emergency battery will power the luminaire for a minimum duration of 90 minutes (minimum duration of three hours from the time supply power is lost, per International Building Code Section 1008 and 1010A.1.01 for fire code Section 910). provided luminaires are mounted at an appropriate height and illuminate an open space with no major obstructions.

The examples below show illuminance of 1 to average and 0.1 to minimum of the P1 power package Type IV product in emergency mode.

WSQ LED 40K SR3 MVOLT E3BWC
10' x 10' Gridlines
8' and 12' Mounting Height

NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- Not available with 480V option.
- PE option is voltage specific.
- Single face (SF) requires 1.20V, 2.77V or 3.0V options. Double face (DF) requires 2.0V, 2.4V or 4.8V options.
- Not available with 247V or 480V. Not available with WLU.
- WLU not available with PIR, E3BWC, or E10WBV.
- See PIR Table for default settings.
- Only available with P3 & P4 packages. Provides 50/50 luminaire operation via two independent drivers, and light output on two separate circuits. Not available with E3BWC, E10WBV, WLU, DS, or SPD. When ordered with photocontrol (PE) or motion sensor (PIR), only the primary power source leads will be controlled.
- See electrical section on page 2 for more details.

LAMP "B"

CONSTRUCTION DETAILS

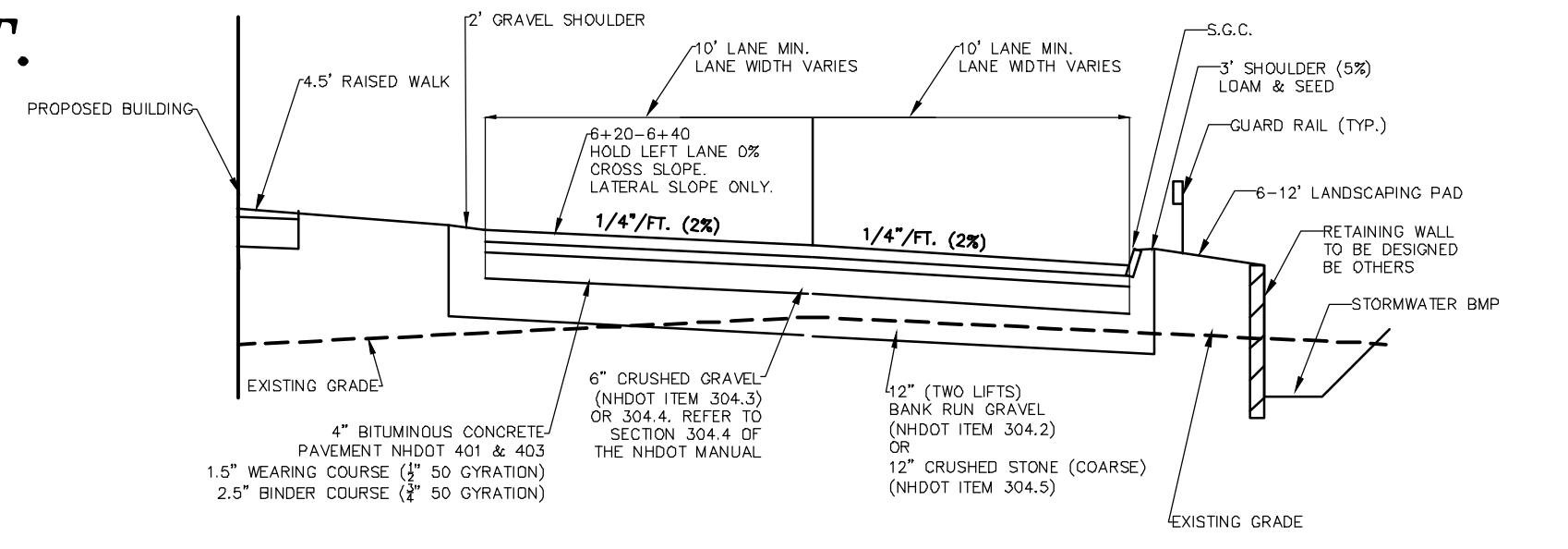
FOR TURBOCAM, INC.
LAND OF NHBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 23B, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: AS NOTED
DATE: FEBRUARY 5, 2024
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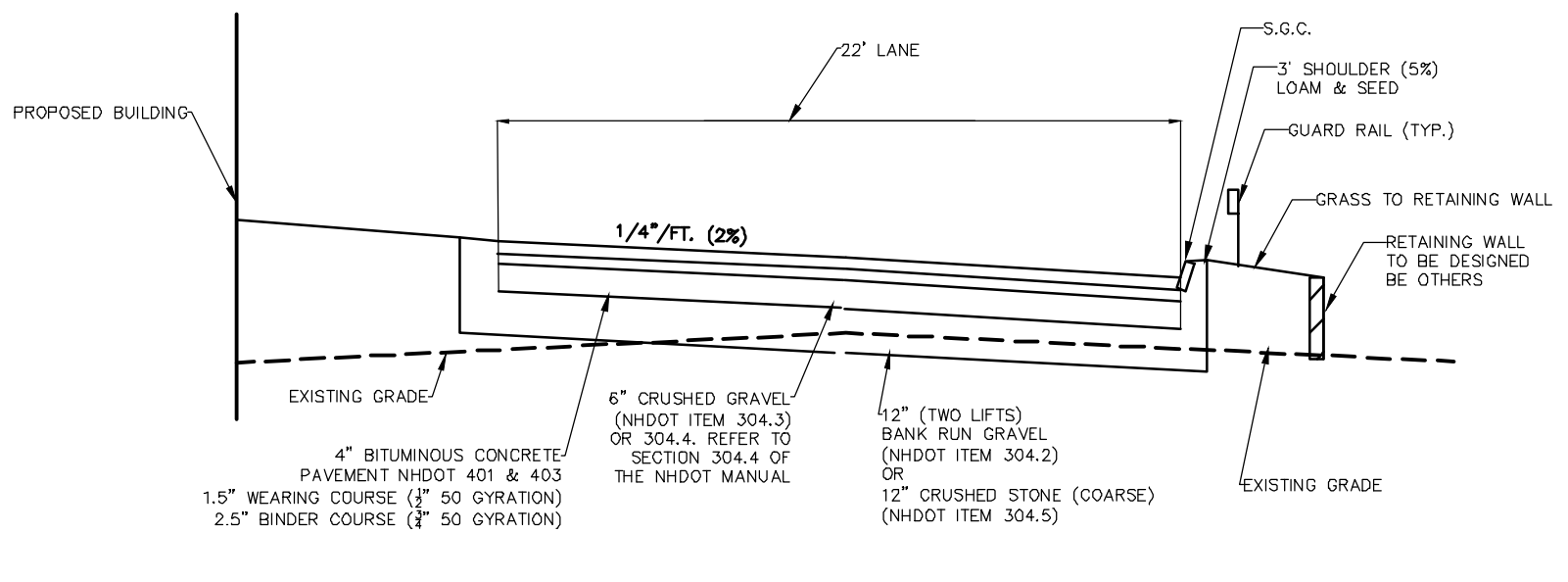
KENNETH A. BERRY
No. 14243
LICENSED PROFESSIONAL ENGINEER

SHEET 41 OF 51

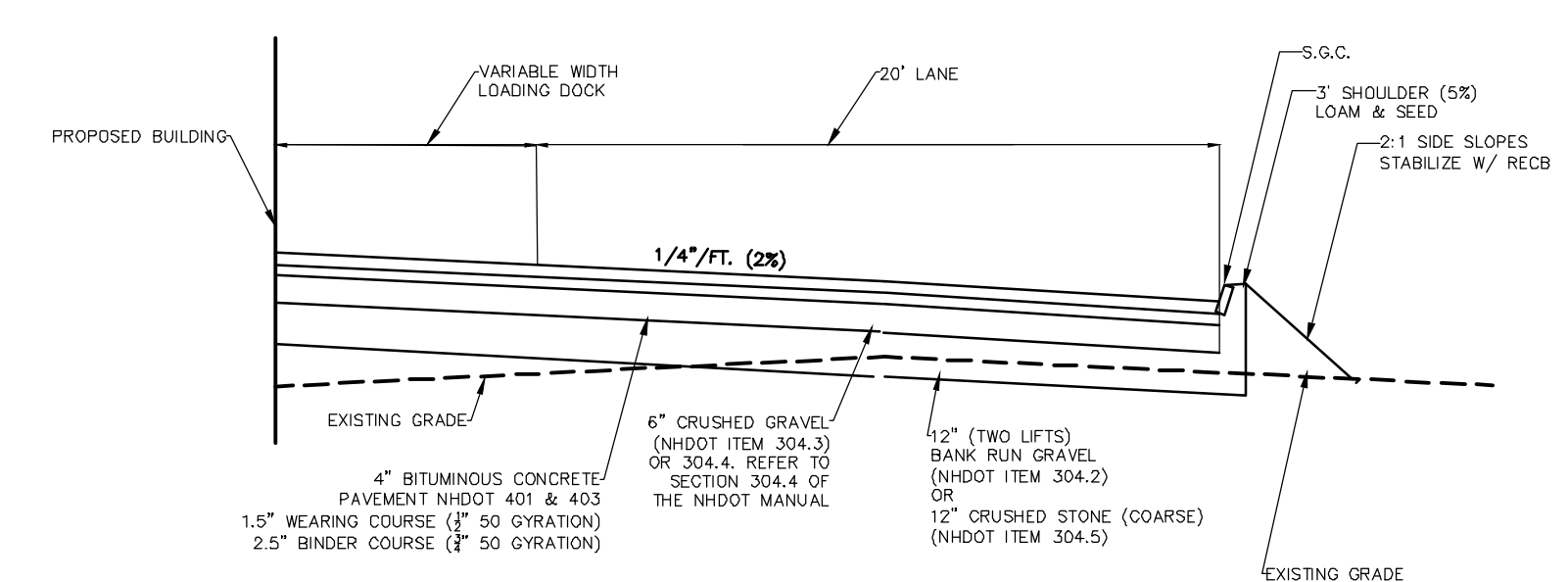
C22 CONT.



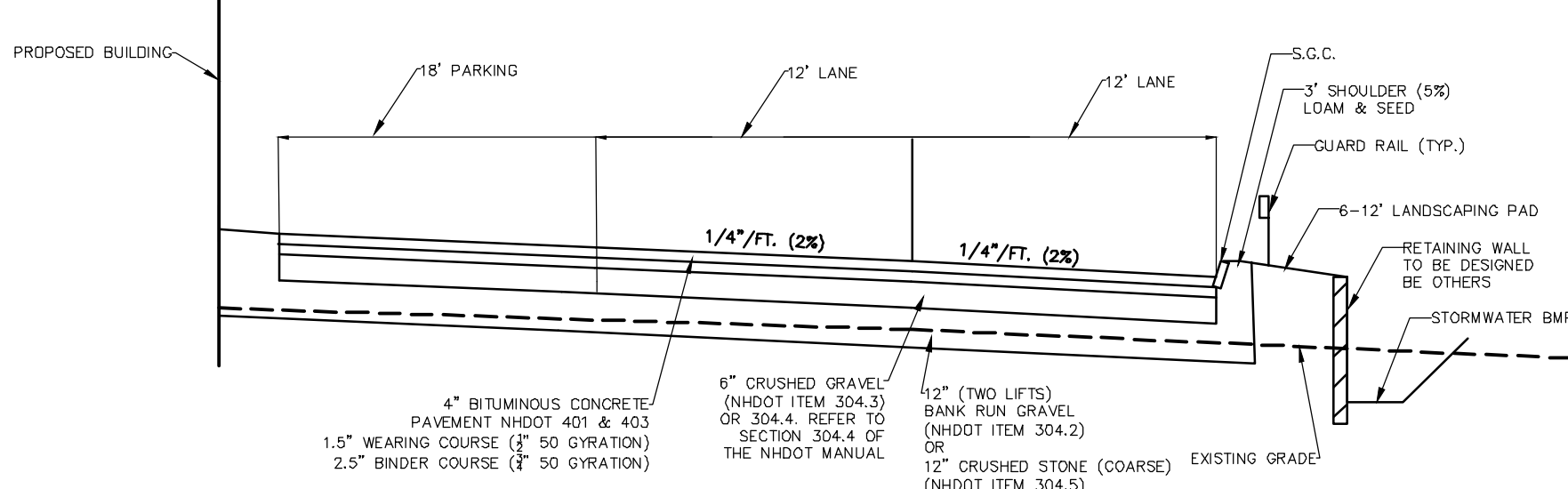
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NOT TO SCALE



TYPICAL DRIVEWAY SECTION 7+77-9+45
NOT TO SCALE



TYPICAL DRIVEWAY SECTION 9+45-11+68
NOT TO SCALE

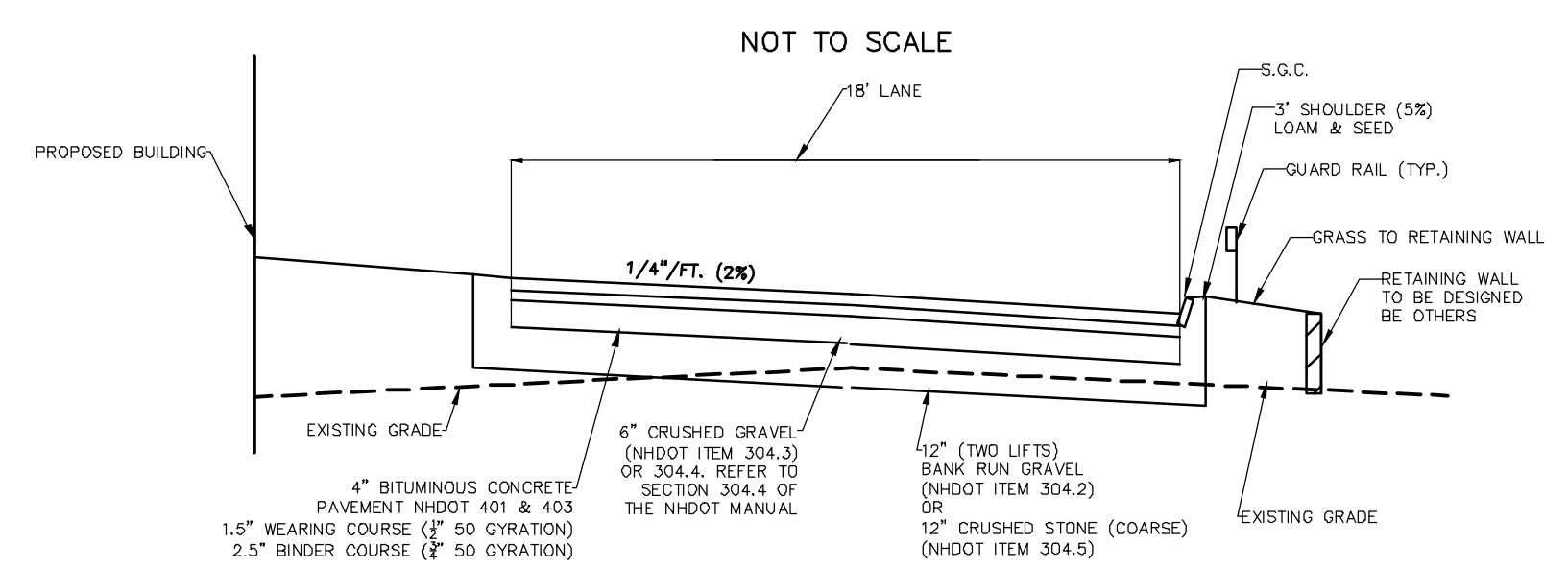


TYPICAL DRIVEWAY SECTION 6+95-7+77
NOT TO SCALE

CROSS SECTION NOTES

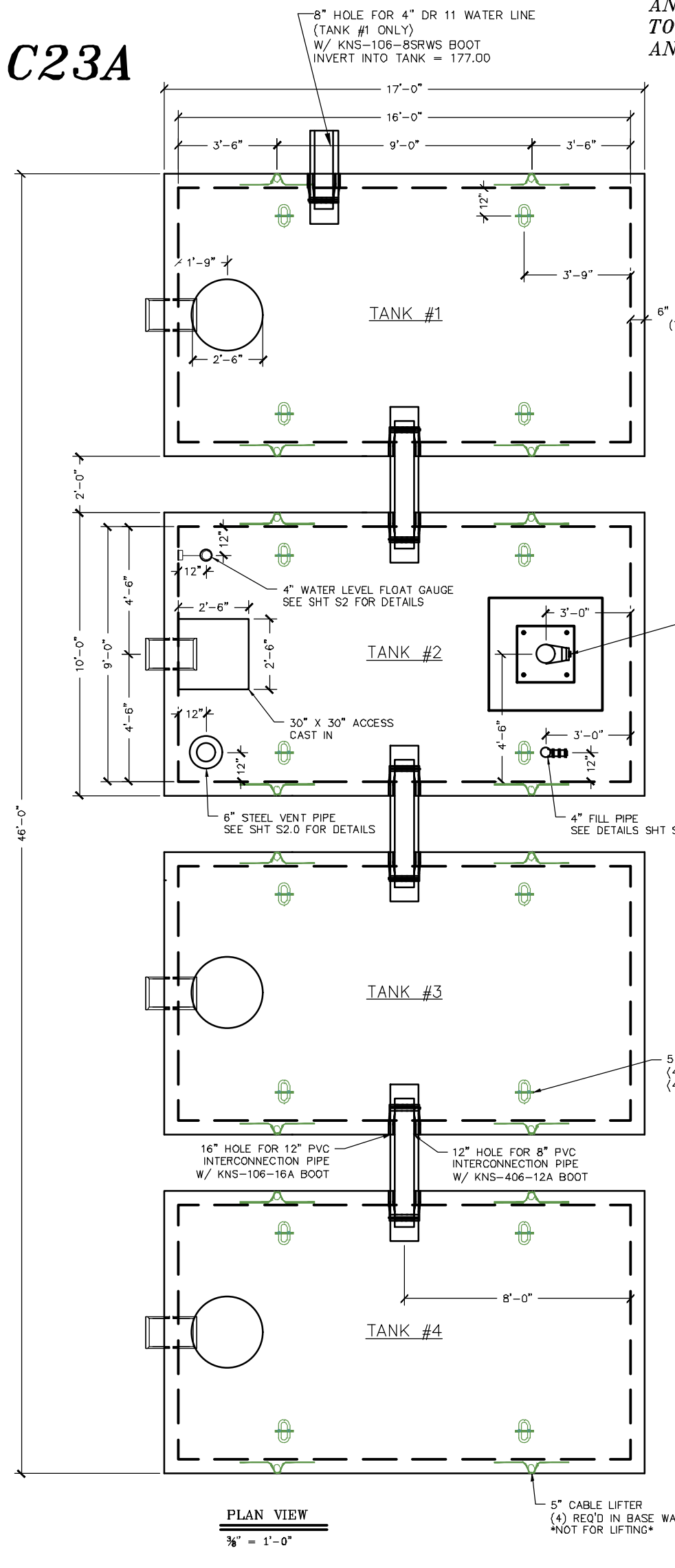
1. ALL ROADWAY FILL TO BRING ROAD TO SUBGRADE SHALL BE INSTALLED IN LIFTS NO GREATER THAN 12".
2. ALL FILL SHALL BE COMPACTED TO 95% MINIMUM. COMPACTION TESTS TO BE CONDUCTED AT THE START OF THE PROJECT AND NO FURTHER THAN 100 FEET APART.
3. GUARD RAIL REQUIRED AS NOTED ON PLAN & PROFILE SHEETS.
4. TEST PITTING WAS DONE WITHIN THE ROADWAY ALIGNMENT BY JOHN P. HAYES III.

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.



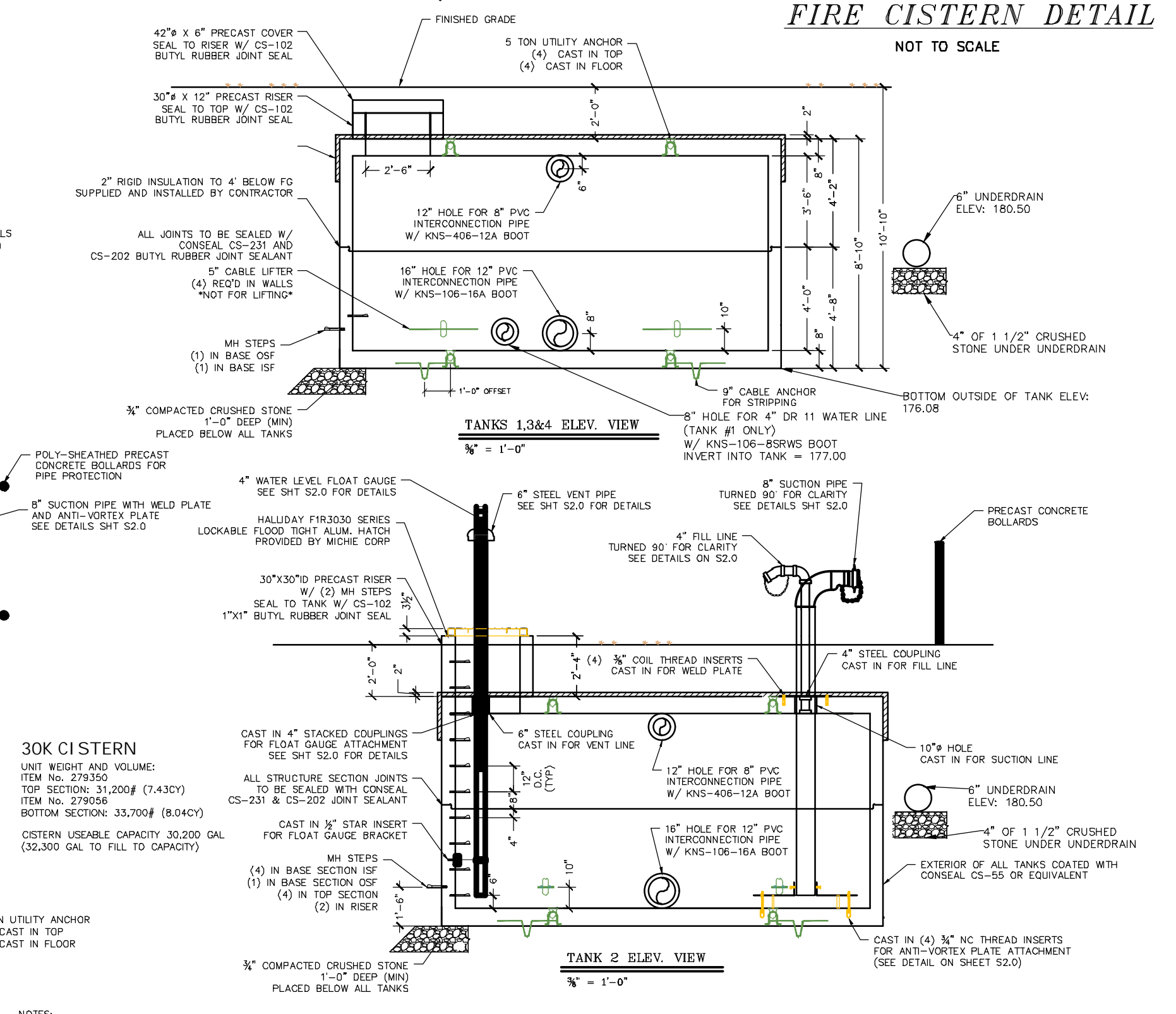
TYPICAL DRIVEWAY SECTION 11+68-END
NOT TO SCALE

C23A

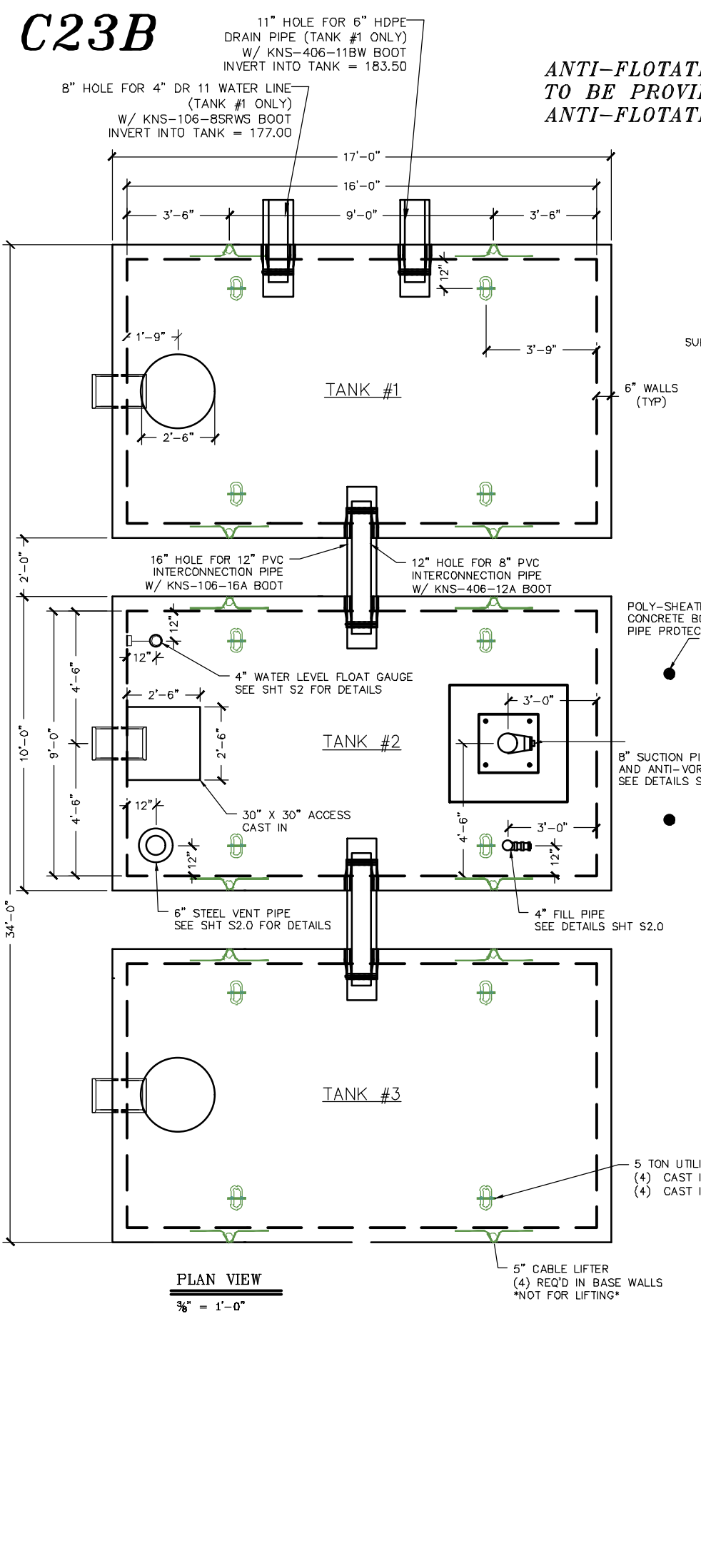


ANTI-FLOTATION CALCULATIONS ARE TO BE PROVIDED BY THE PRECASTER. ANTI-FLOTATION COLLAR WILL LIKELY BE REQUIRED

FIRE CISTERN DETAIL
NOT TO SCALE

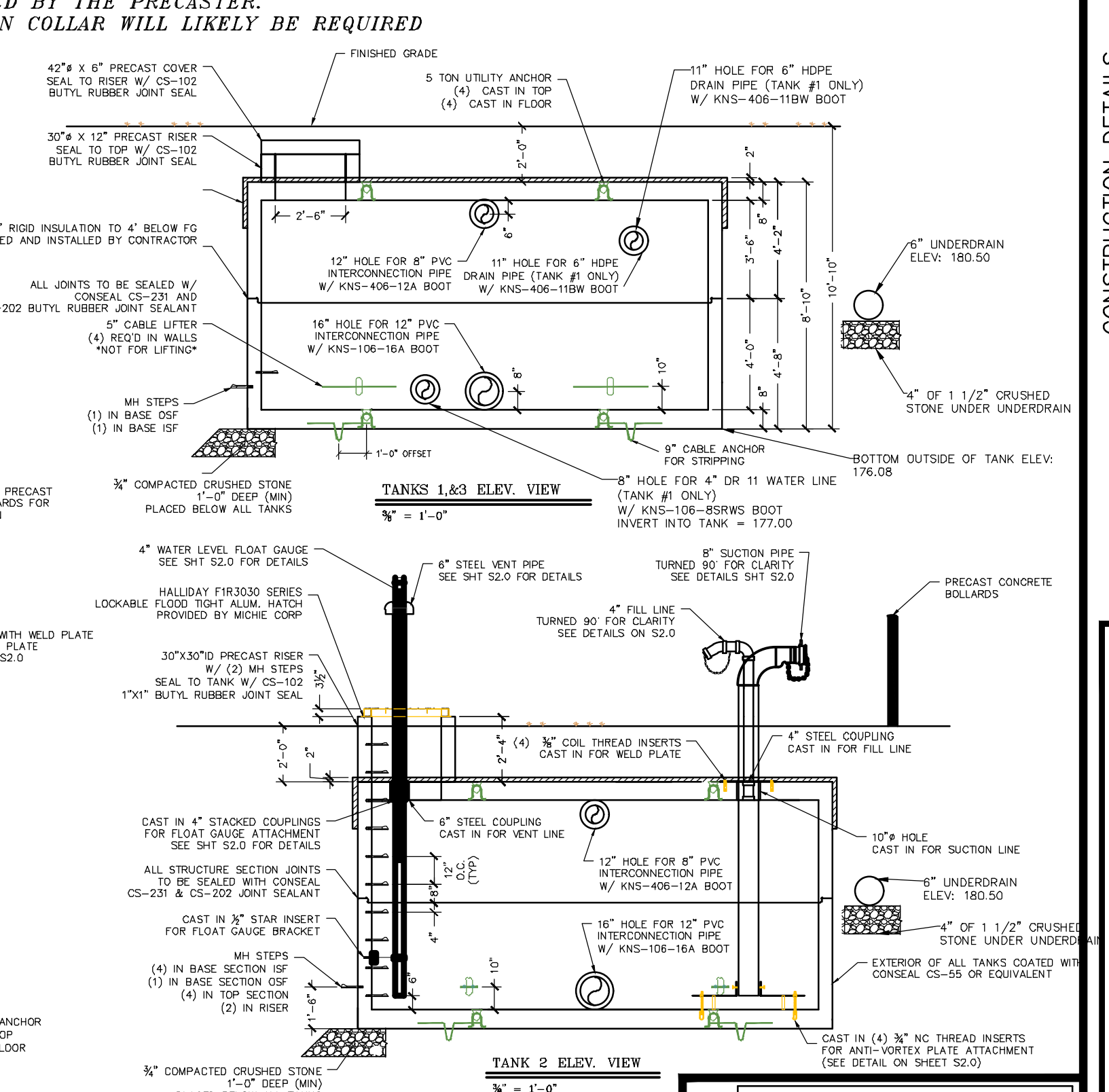


C23B



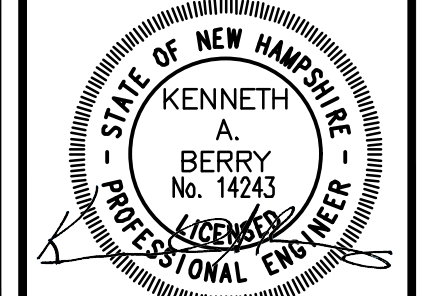
ANTI-FLOTATION CALCULATIONS ARE TO BE PROVIDED BY THE PRECASTER. ANTI-FLOTATION COLLAR WILL LIKELY BE REQUIRED

ROOF COLLECTION CISTERN DETAIL
NOT TO SCALE

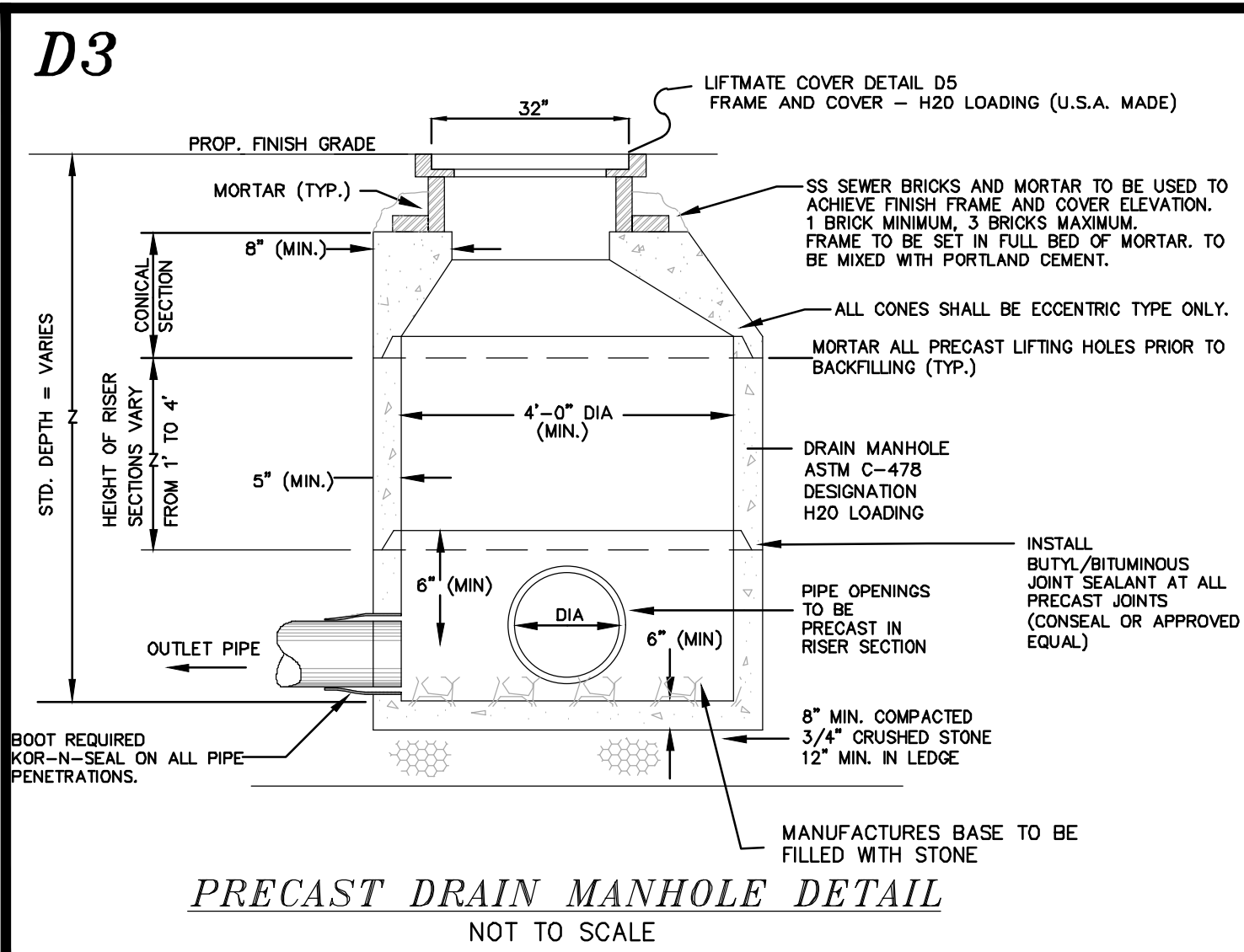
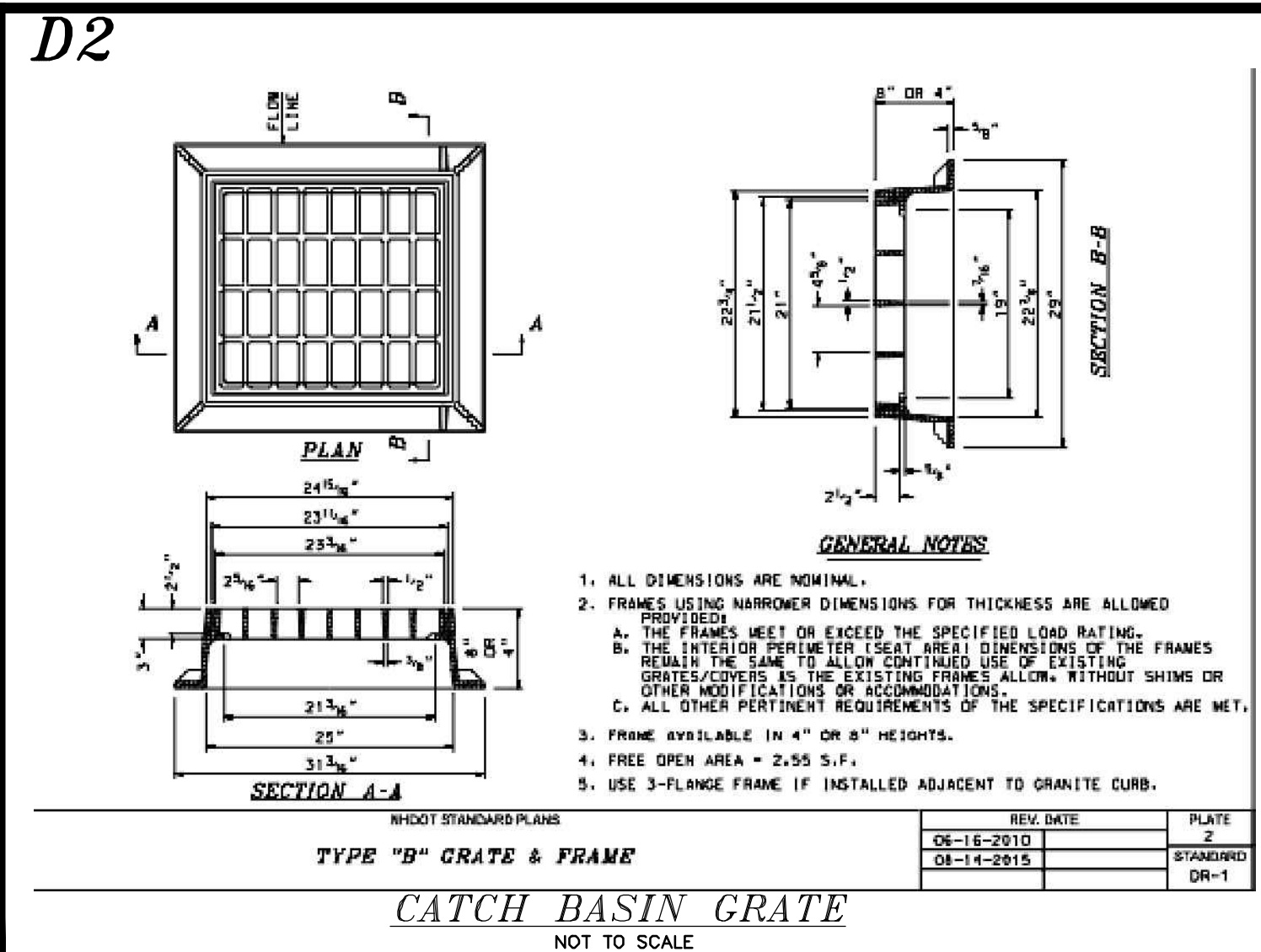
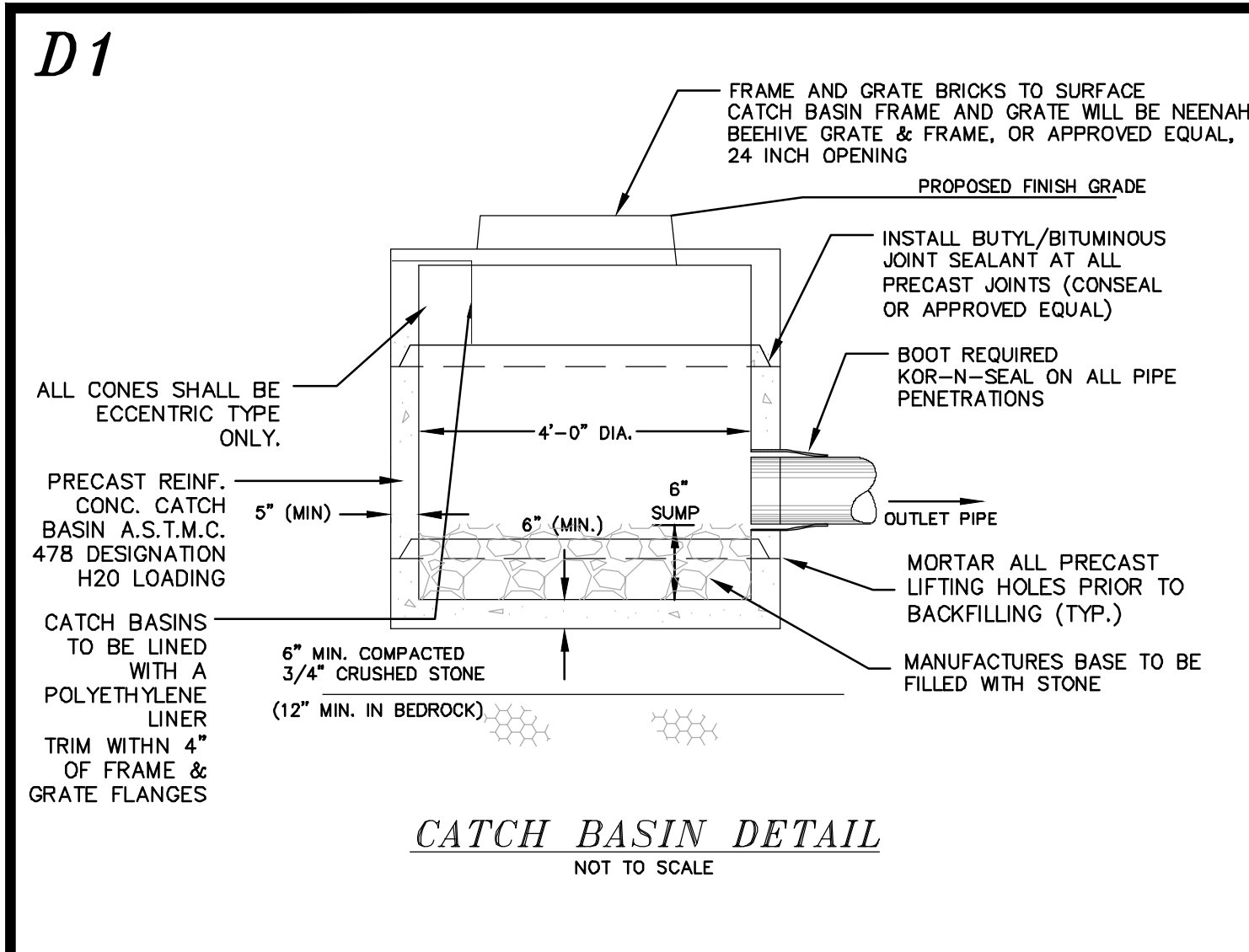


CONSTRUCTION DETAILS
FOR
TURBOCAM, INC.
LAND OF
NHBCB, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 23B, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: AS NOTED
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023 - 017



FOR TOWN APPROVAL PURPOSES:
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D4 Manhole Castings L-6

New Hampshire Standard

32" Manhole Frame & Cover

Non-Hazardous Castings (See opening description in cast specifications page for details)

Features:

- 3" Landing
- Cones available plain or marked SEWER, DRAIN or WATER
- Non-slip cover
- Dimensional surface design
- Finish-paint available

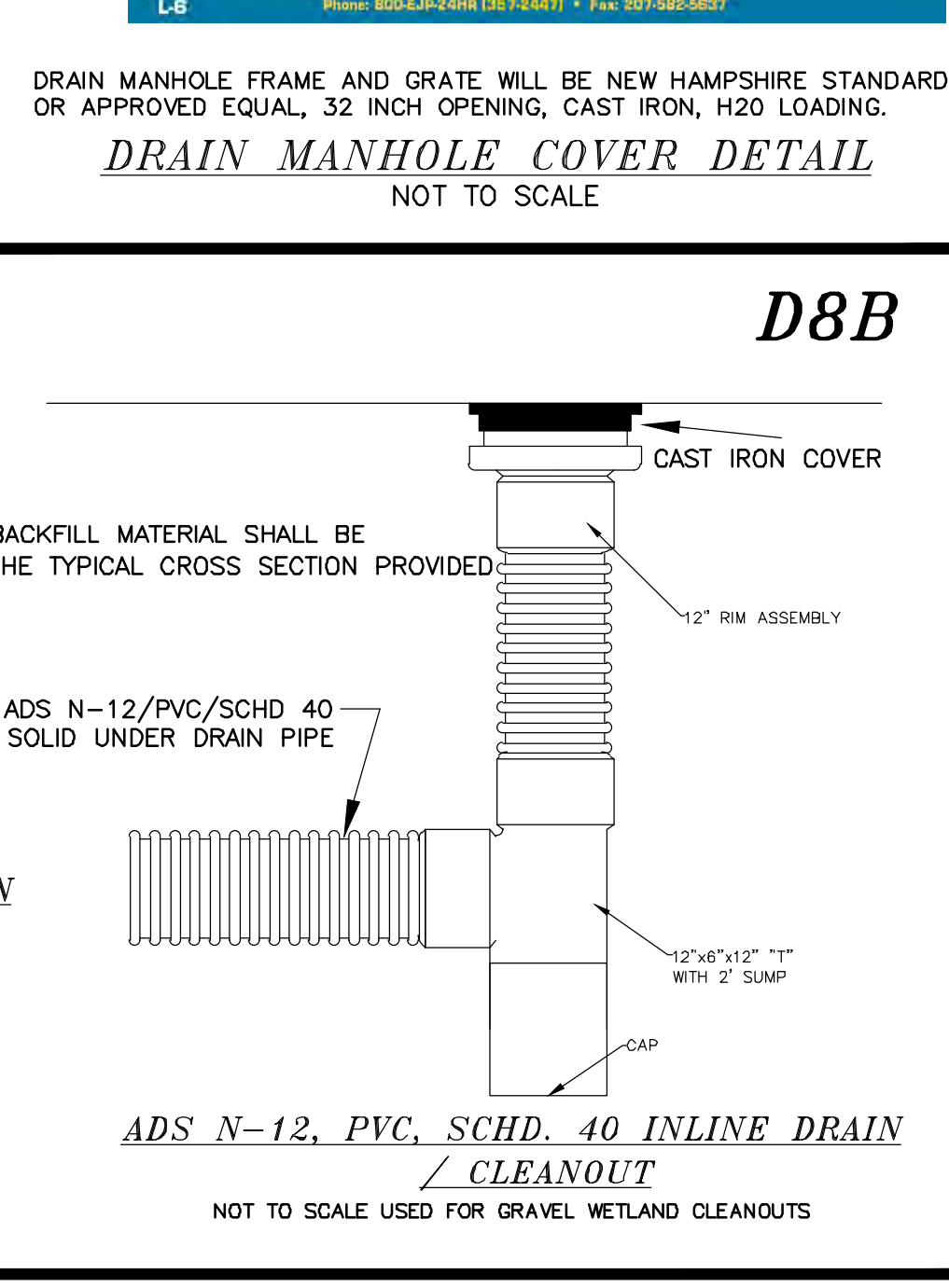
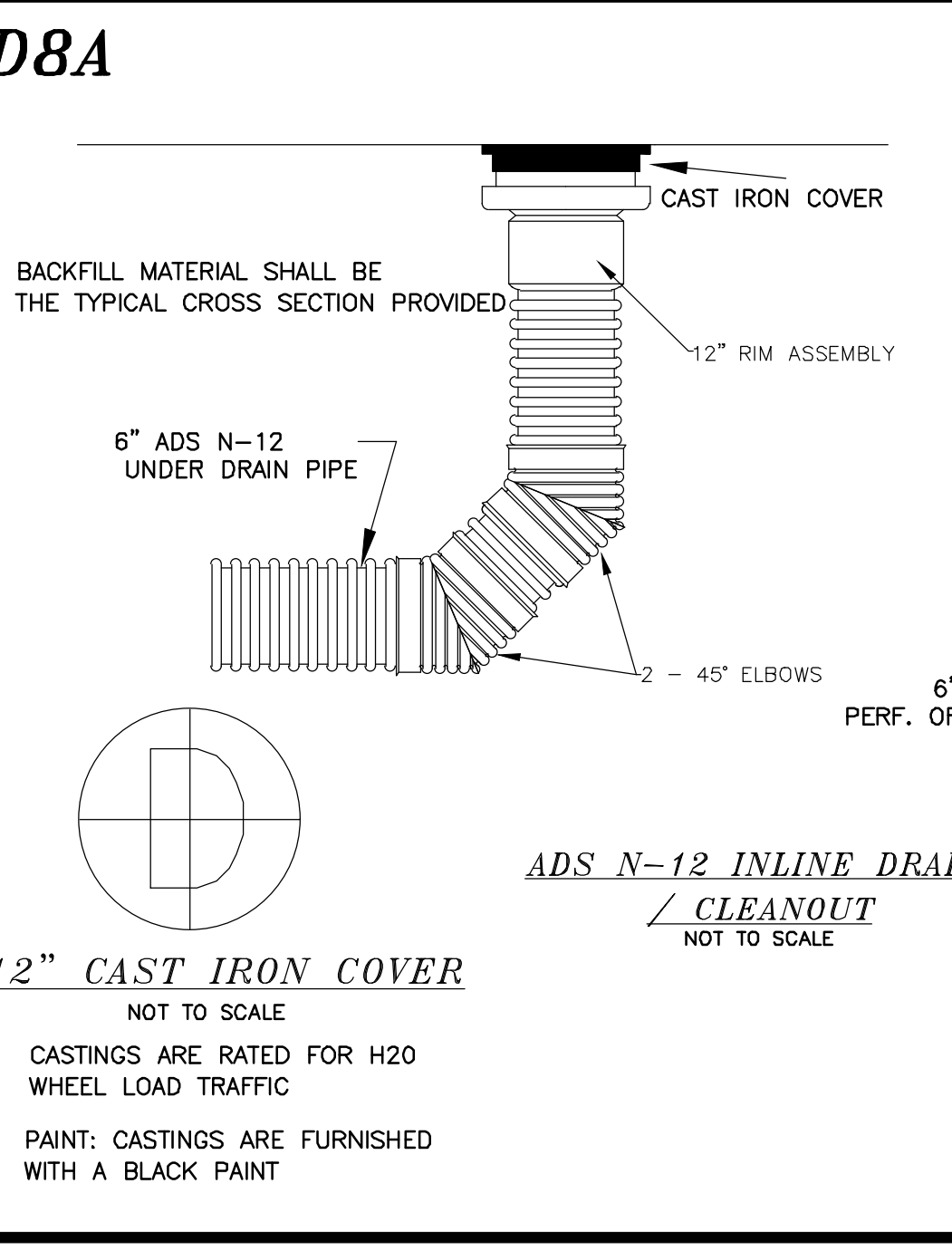
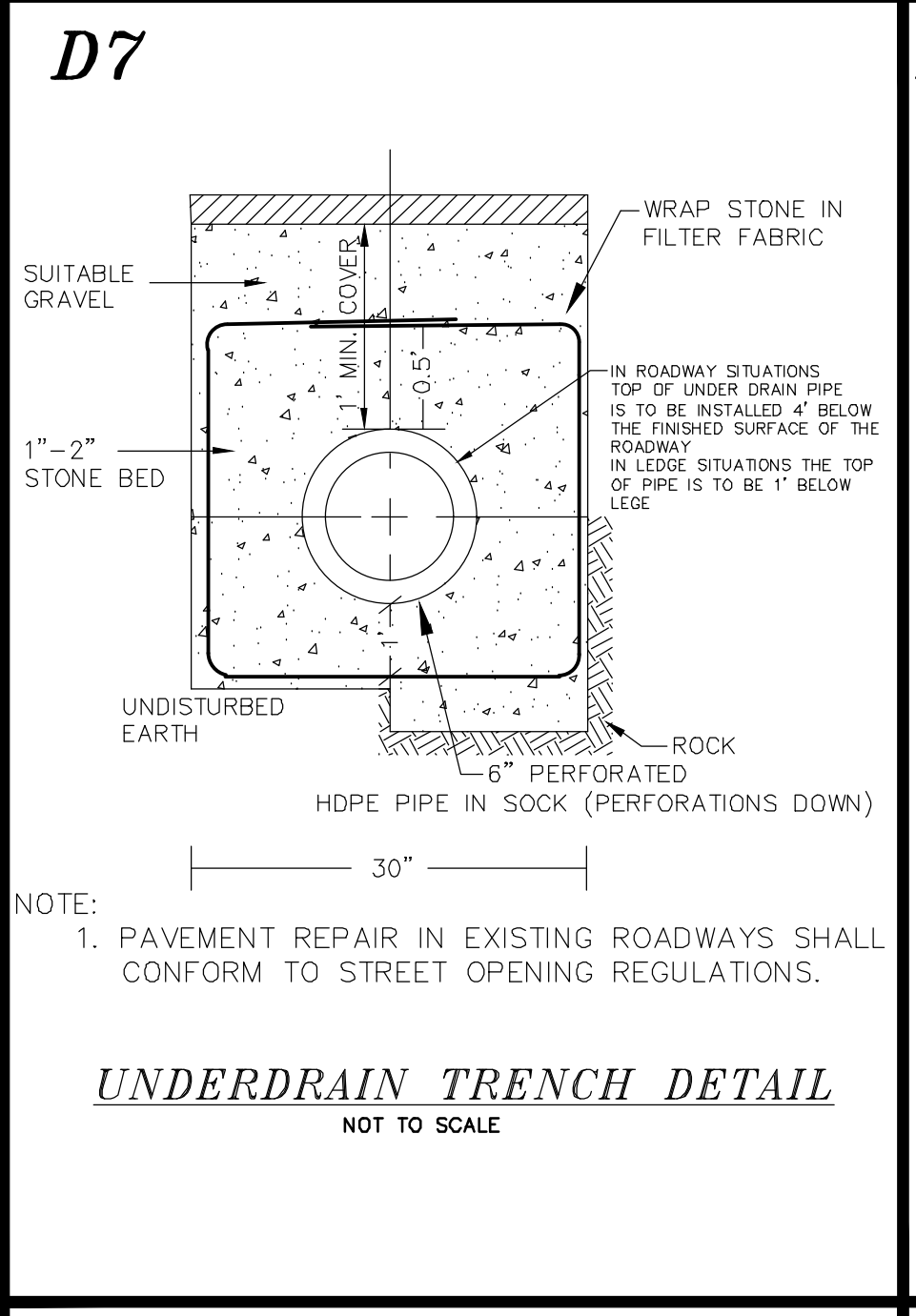
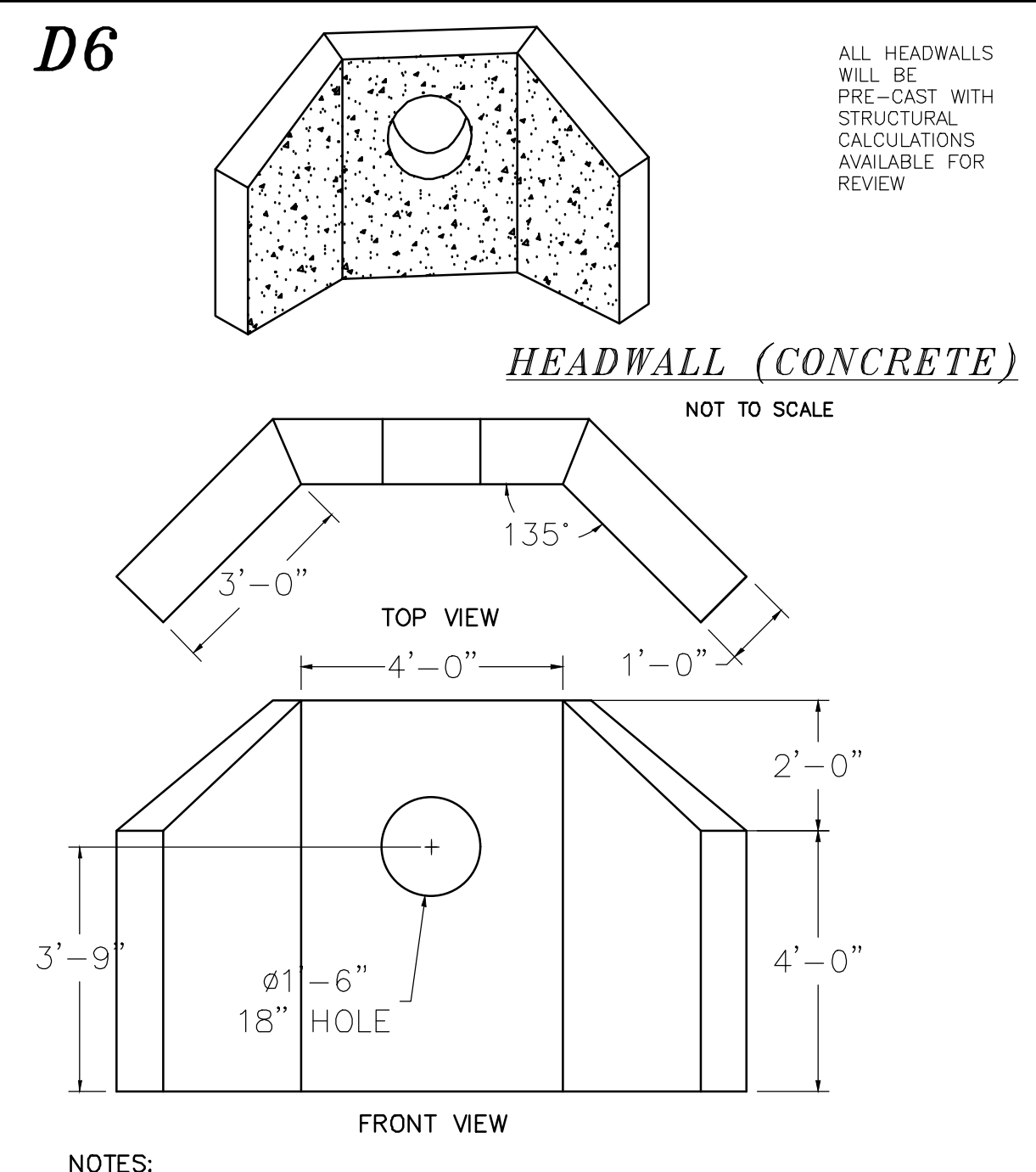
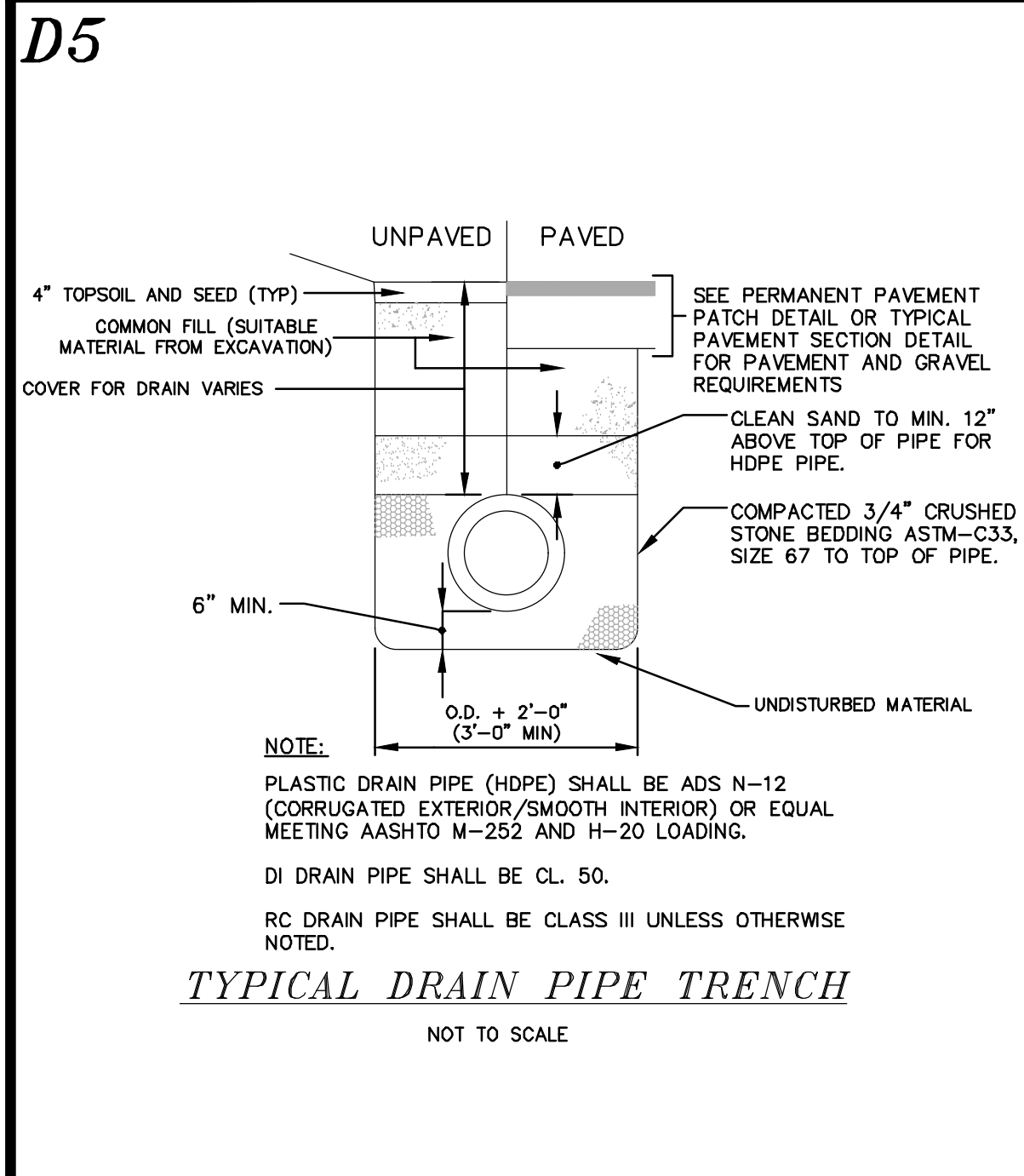
Specifications:

- Fully machined frame and cover
- 32" finished cover
- Grey cast iron meets ASTM A48 Class 30
- GNP casting is water base epoxide paint coated

Weight

Frame	220 lbs.
Cover	220 lbs.
Total	440 lbs.

Phone: 603-624-2444 (30-446011) • Fax: 207-662-8052



D9 ADS N-12 FLARED END SECTIONS

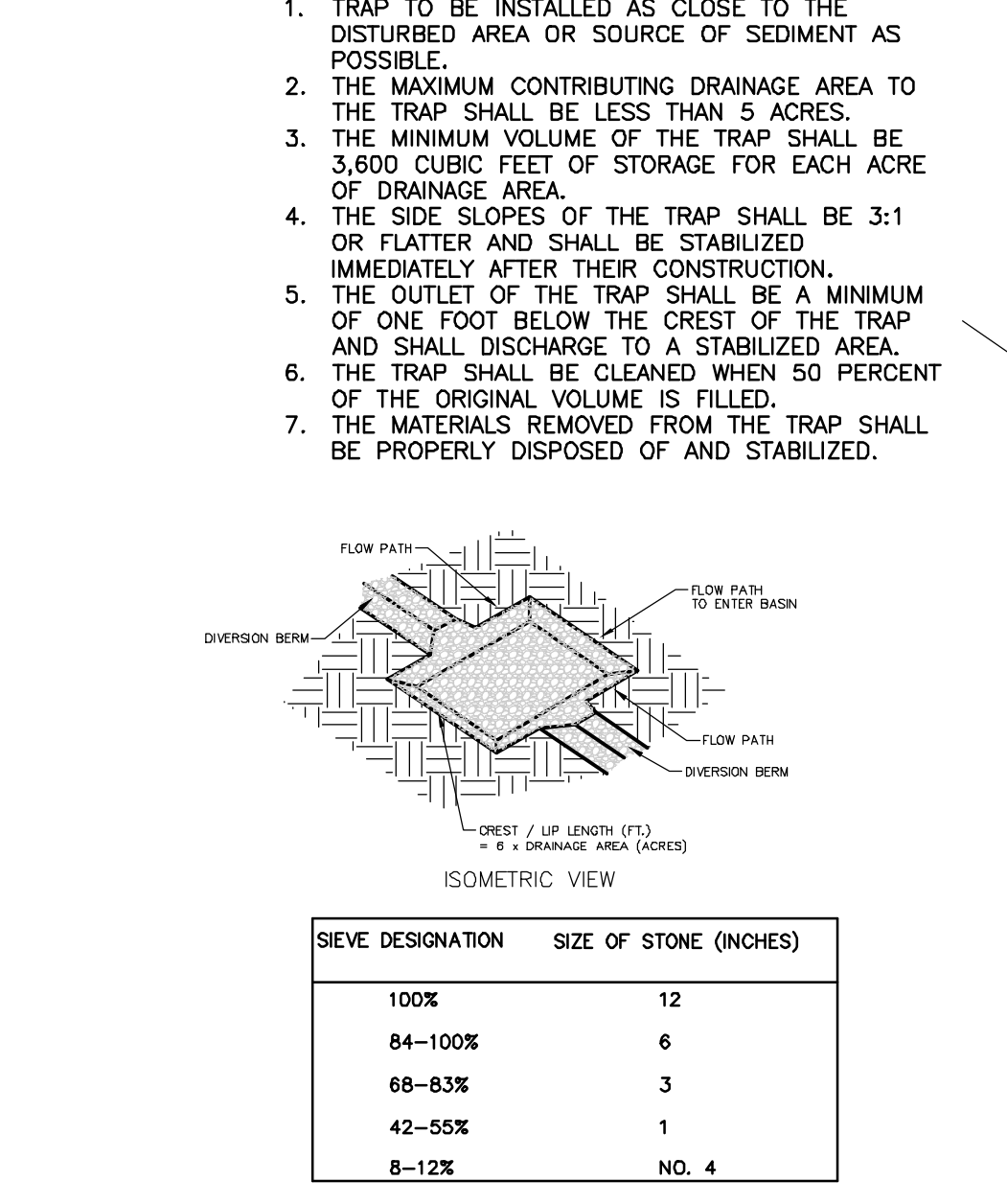
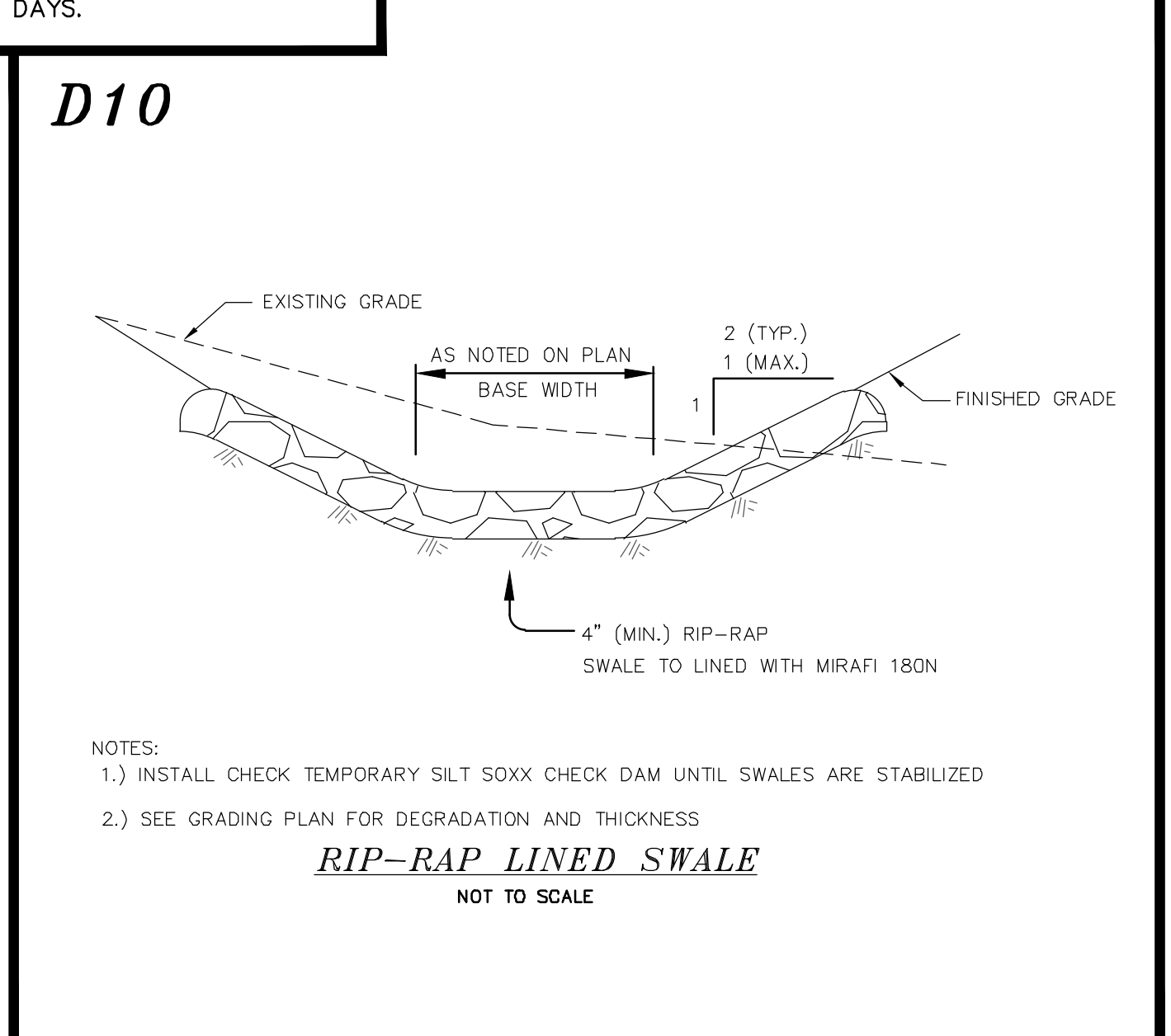
NOT TO SCALE (ALL DIMENSIONS ARE NOMINAL)

PART No.	PIPE SIZE	A	B(MAX)	H	L	W
1510-NP	15"	6.5"	10"	6.5"	25"	29"
	375 mm	165 mm	254 mm	165 mm	635 mm	735 mm
1810-NP	18"	7.5"	15"	6.5"	32"	35"
	450 mm	190 mm	380 mm	165 mm	812 mm	890 mm
2410-NP	24"	7.5"	18"	6.5"	36"	45"
	600 mm	190 mm	450 mm	165 mm	900 mm	1140 mm
3010-NP	30"	10.5"	N/A	7.0"	53"	68"
	750 mm	266 mm	N/A	178 mm	1345 mm	1725 mm
3610-NP	36"	10.5"	N/A	7.0"	53"	68"
	900 mm	266 mm	N/A	178 mm	1345 mm	1725 mm

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

RIGHT SIDE VIEW

FRONT VIEW



D11 BERRY SURVEYING & ENGINEERING

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

SCALE: AS NOTED

DATE: FEBRUARY 5, 2024

FILE NO.: DB 2023 - 017

FOR TOWN APPROVAL PURPOSES:

REFERENCE IS MADE TO A LONG TERM MAINTENANCE MANUAL PREPARED BY BERRY SURVEYING & ENGINEERING, WHICH IS ON FILE AT THE TOWN OF BARRINGTON PLANNING DEPARTMENT, AND CAN BE FOUND AT THE OFFICE OF BERRY SURVEYING & ENGINEERING, (603) 332-2863

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D-101

DRAINAGE CONSTRUCTION DETAILS

FOR TURBOCAM, INC. LAND OF NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY BARRINGTON, N.H.
TAX MAP 23B, LOT 44-1

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

SCALE: AS NOTED

DATE: FEBRUARY 5, 2024

FILE NO.: DB 2023 - 017

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

SHEET 43 OF 51

D12 ANGLE GRATE

NOT TO SCALE

NOTE:
MUST BE HAALA INDUSTRIES INC. OR EQUAL.

Angle Grates For Manholes

AG0808-58
Part No. AG0808-58

Save Trees

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

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

D13 CONE GRATE

NOT TO SCALE

NOTE:
MUST BE HAALA INDUSTRIES INC. OR EQUAL.

Cone Grates Top Mount

CG12TM
Part No. CG12TM

Save Trees

Top Mount Cone Grates are designed to mount on the top of round manhole inlet or outlet structures to keep debris from entering the storm water system. Top mount cone grates are easy to install and allow for at grade manhole installations but can be used in a variety of applications. Grates 96" and larger are made from a two piece, bolt together design.

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

D14 48" MANHOLE ROUND EXTENDED BASE

NOT TO SCALE

SHEA
New England's Premier Precaster
800-698-7432 (SHEA)
www.sheaconcrete.com

MANHOLE 48" DIA
EXTENDED BASE

Page: 02.1.2
775 Solem Street - Wilmington, MA 01897
100 Granberry Hwy - Rochester, MA 01074
604 Temple St - Springfield, MA 01106
Mail to: PO Box 520 - Wilmington, MA 01887

Specifications subject to change without notice

D15 CONCRETE WASHOUT

NOT TO SCALE

NOTES:

- 1.) CONCRETE WASHOUT SHALL BE INSTALLED PRIOR TO ANY CONCRETE POURS.
- 2.) SIGNS SHALL BE INSTILLED TO CLEARLY INDICATE WHERE THE LOCATION OF THE WASHOUT AREA IS.
- 3.) CONTRACTOR IS IRRESPONSIBLE TO MAINTAIN AND REPLACE WASHOUT AREA AS NEEDED.
- 4.) RESIDUE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.
- 5.) DO NOT WASH CONCRETE TRUCKS OUT INTO DRAINAGE AREAS, SWALES, STREETS OR UNDISTURBED AREAS.
- 6.) WASHOUT AREA SHALL BE PLACED AWAY FROM DRAINAGE FEATURES AND OUTSIDE AND WETLAND BUFFERS.

D16 DE-WATERING BASIN

NOT TO SCALE

NOTES:

- 1.) ENSURE DISCHARGE POINT IS STABILIZED WITH VEGETATION OR PROPER EROSION AND SEDIMENT CONTROL PRACTICES.
- 2.) USE DIFFUSER NOZZLE OR LOW DISCHARGE RATE TO PREVENT SCOURING.
- 3.) TO BE PLACED AT AN UPLAND LOCATION THAT WILL ALLOW WATER TO DRAIN INTO THE GROUND.
- 4.) SIZE OF DE-WATERING AREA TO BE 10' X 10', ADJUST SIZE DEPENDING ON VOLUME AND USE.
- 5.) ADDITIONAL BALES MAY BE USED TO INCREASE RETENTION AND FILTERING.

D17 NYLOPLAST 24" DRAIN BASIN: 2824AG_X

(1, 2) INTEGRATED DUCTILE IRON FRAME & GRATE TO MATCH BASIN O.D.

(3) VARIABLE INVERT HEIGHTS AVAILABLE (ACCORDING TO PLANS/TAKE OFF)

(4) VARIOUS TYPES OF INLET & OUTLET ADAPTERS AVAILABLE:
4" - 24" FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL, ADISHANCOR SINGLE WALL), N-12 HP, PVC SEWER (EX. SCR 36), PVC DWV (EX. SCH 40), PVC C900/C905, CORRUGATED & RIBBED PVC

(5) ADAPTER ANGLES VARIABLE 0° - 360° ACCORDING TO PLANS

TRAFFIC LOADS: CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY. ACTUAL CONCRETE SLAB MUST BE DESIGNED TAKING INTO CONSIDERATION LOCAL SOIL CONDITIONS, TRAFFIC LOADING, & OTHER APPLICABLE DESIGN FACTORS. SEE DRAWING NO. 7001-110-111 FOR NON TRAFFIC INSTALLATION.

THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS I, CLASS II, OR CLASS III MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321.

GRATE OPTIONS	LOAD RATING	PART #	DRAWING #
PEDESTAL	MEETS H-20	2498C05	7001-110-216
STANDARD	MEETS H-20	2488C05	7001-110-217
SOX COVER	MEETS H-20	2488C03C	7001-110-218
DOSE	NA	2499C03	7001-110-219
GROUP IN GRATE	LIGHT DUTY	2491D3	7001-110-075

1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A538 GRADE 70-50-05.
2 - FRAMES SHALL BE DUCTILE IRON PER ASTM A538 GRADE 70-50-05.
3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-068.
4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D2312 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP & PVC SEWER.
5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-10-012.

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DRAWN BY: EBC
DATE: 04-03-06
REVISIONS:
DATE: 03-14-16

MATERIAL:
3130 VERONA AVE
BURLINGTON, MA 01803
PHN (778) 832-2443
FAX (778) 832-2469
www.nyloplast.com

ADS Nyloplast

TITLE: 24 IN DRAIN BASIN QUICK SPEC INSTALLATION DETAIL
DWG NO.: 7001-110-192
REV: E

D18 BEST MANAGEMENT PRACTICES FOR BLASTING (NOT ANTICIPATED)

ENV-WO 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 CAPTURED 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.

PRE-BLAST SURVEY WILL INCLUDE ALL ABUTTING PROPERTIES AND FOLLOW STATE AND LOCAL REQUIREMENTS.

D19 DEWATERING (DANDY) BAG

NOT TO SCALE

NOTES:

1. TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, CONSTRUCTION DEWATERING, PAGE 144.
2. TO BE INSTALLED UPSLOPE OF BUFFER OR STABILIZED AREA.

D21 PERIMETER CONTROL

NOT TO SCALE

DESIGN CONSIDERATIONS:

1. THE MAXIMUM LENGTH OF SLOPE ABOVE PERIMETER CONTROL IS 100 FEET.
2. SILT FENCE OR SILT SOXX REQUIRED WHEN UPGRADIENT DISTURBED SOIL IS GREATER THAN 5% (50% SLOPE MAX). MULCH BERM CAN BE USED WHEN THE UPGRADIENT DISTURBED SOIL IS 5% OR LESS.
3. THE MAXIMUM CONTRIBUTING DRAINAGE AREA OF ONE-QUARTER ACRE PER 100-FOOT OF PRACTICE LENGTH.
4. PERIMETER CONTROL IS TO BE INSTALLED PRIOR TO EARTH MOVING ACTIVITIES, INCLUDING GRUBBING AND CLEARING.

NOTES:

1. DO NOT LAYOUT PERIMETER CONTROL ALONG SLOPING PROPERTY PERIMETER WITHOUT INSTALLING "J HOOKS" AT HIGH CONCENTRATION AREAS. RUNOFF WILL CONCENTRATE AND CAUSE FAILURES ALONG THE PERIMETER.
2. "J HOOKS" CAN BE USED TO HELP LIMIT THE CONCENTRATION OF RUNOFF AND PROVIDE MORE STABILITY TO THE PERIMETER.
3. SILT FENCE AND EROSION CONTROL MULCH BERM MAY BE USED INTERCHANGEABLY. IN SPECIFIED AREA, SILT FENCE MAY NOT BE SUBSTITUTED FOR FILTREXX SILT SOXX OR APPROVED ALTERNATIVE.
4. SEE HAMPSHIRE STORM WATER MANUAL: VOLUME 3, PAGE 99 FOR FURTHER DETAILS AND SPECIFICATIONS

CORRECT **CORRECT** **CORRECT**

INCORRECT **FAILURE** **CORRECT**

D20 6" UNDERDRAIN HEADWALL

NOT TO SCALE

NOTES:

1. CONCRETE: FC = 4,000 PSI @ 28 DAYS MIN
2. REINFORCING STEEL: ASTM-A615 GRADE #60

SHEA
New England's Premier Precaster
800-698-7432 (SHEA)
www.sheaconcrete.com

N.H. DOT
6" UNDERDRAIN HEADWALL

ITEM NO. HWSHDOT-6UD | WEIGHT 775 #

775 Solem Street - Wilmington, MA 01897
67 Howell Road - Andover, MA 01810
Mail to: PO Box 520 - Wilmington, MA 01887

Specifications subject to change without notice

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

SCALE: AS NOTED
DATE: FEBRUARY 5, 2024
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DRAINAGE CONSTRUCTION DETAILS

TURBOCAM, INC. LAND OF NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 23B, LOT 44-1

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
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LICENSED PROFESSIONAL ENGINEER

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D-102

SHEET 44 OF 51

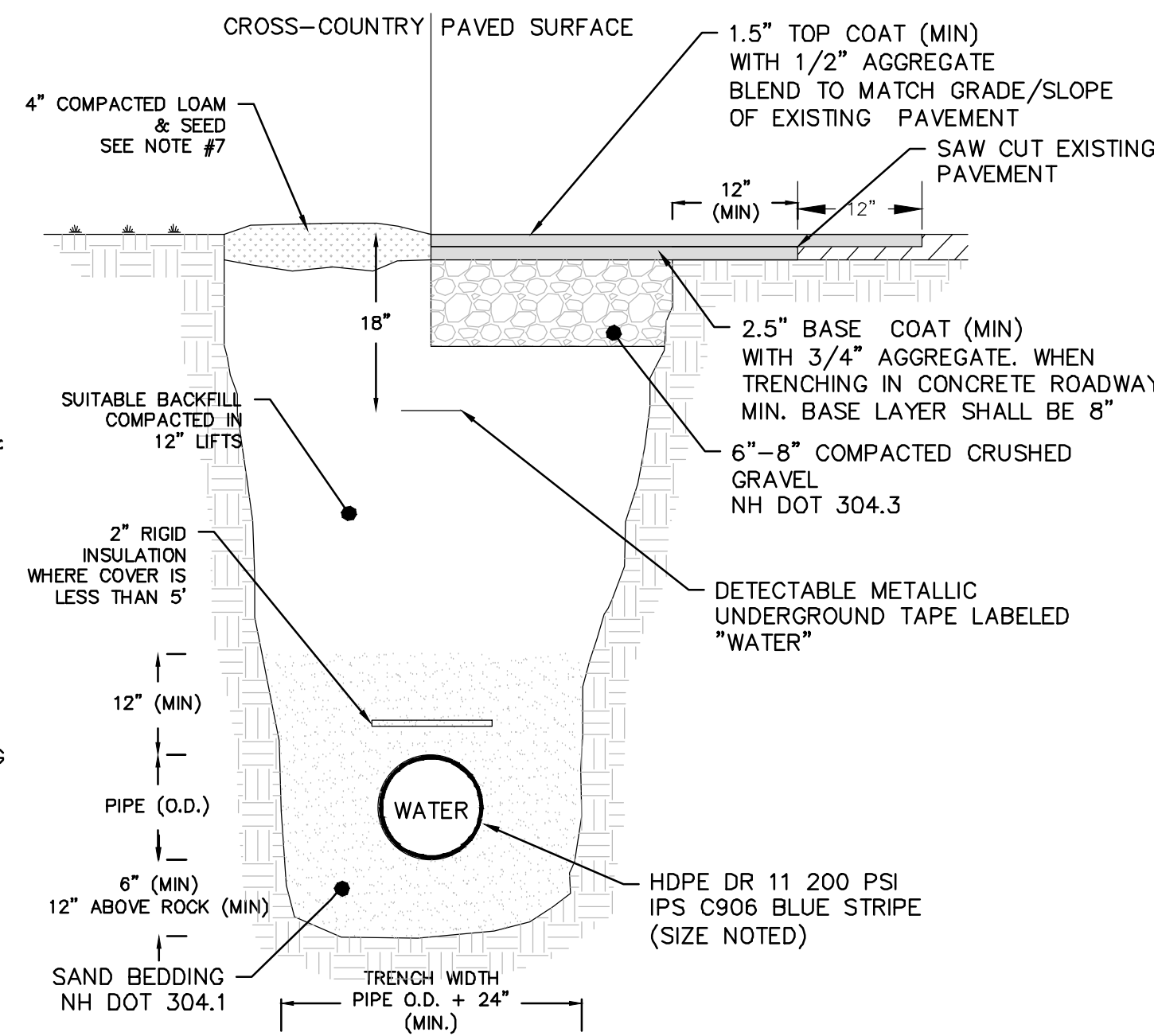
#1A	04-04-24	REVISION	DATE	DESCRIPTION
				BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

U1

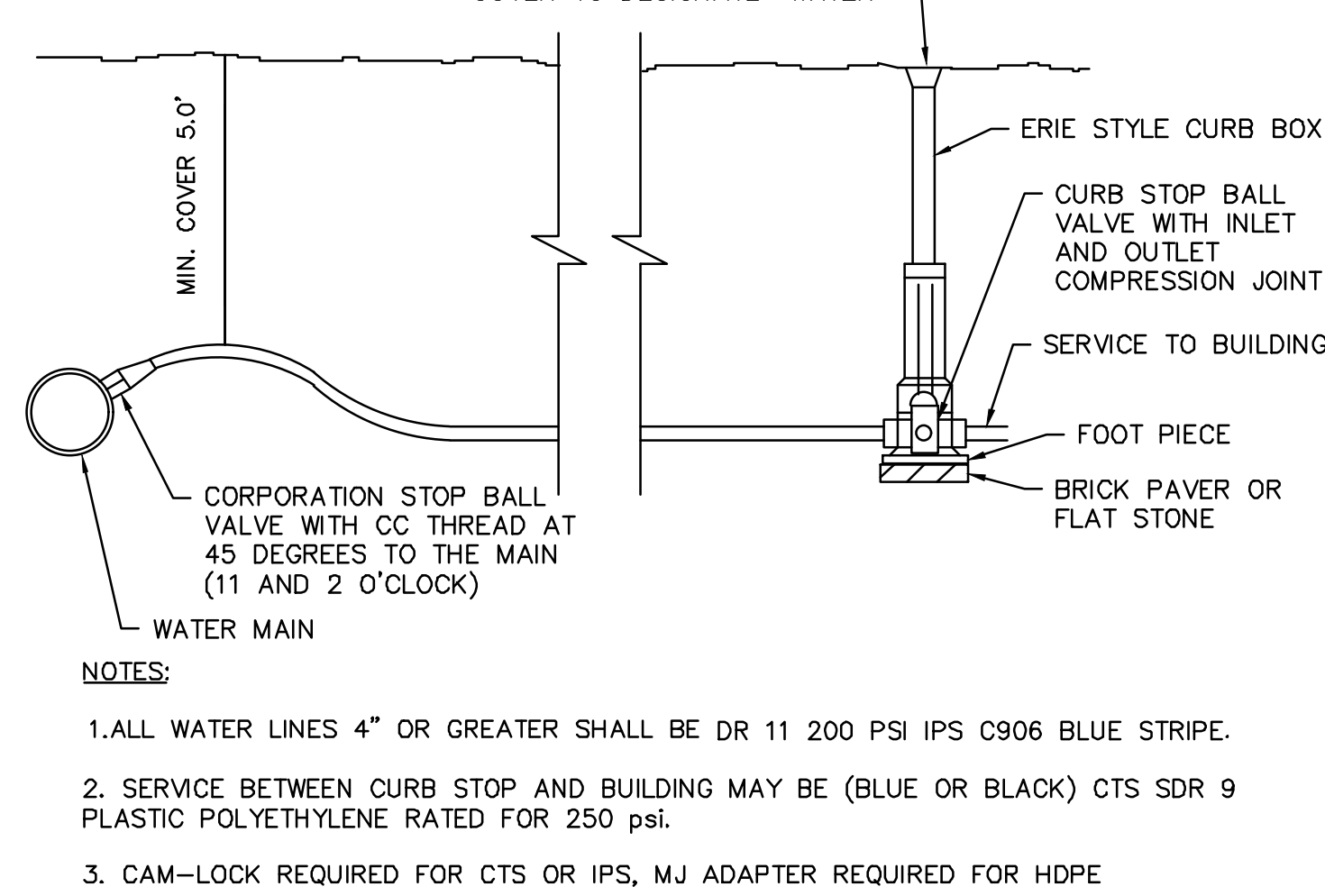
NOTES:

- TRENCH SHALL BE COMPACTED TO 95% OPTIMUM DENSITY FOR EACH MATERIAL.
- FOR CROSS-COUNTRY CONSTRUCTION 6" CRUSHED GRAVEL OR LOAM & SEED SHALL BE MOUNDDED 6" ABOVE THE ORIGINAL GROUND SURFACE.
- WHERE TRENCH IS LOCATED ON EXISTING LAWN OR GRAVEL SURFACE, TRENCH SHALL CONFORM TO MATCH ORIGINAL GROUND SURFACE.
- MAINTAIN 10' (MIN.) HORIZONTAL AND 18" (MIN) VERTICAL SEPARATION BETWEEN WATER & SEWER MAINS (WATER ABOVE SEWER). HORIZONTAL DISTANCE MAY BE REDUCED TO 5' (MIN.) FOR SERVICES PROVIDED THE WATER SERVICE IS A CONTINUOUS PIPE WITHOUT JOINTS OR FITTINGS.
- BACKFILL MATERIAL SHALL BE THE NATURAL MATERIAL EXCAVATED DURING THE COURSE OF CONSTRUCTION, BUT SHALL EXCLUDE; DEBRIS, PAVEMENT, ORGANIC MATTER, TOP SOIL, MUCK, PEAT, AND ROCKS OVER 6" IN LARGEST DIMENSION
- PROVIDE MINIMUM 5' OF COVER. ENGINEERING APPROVAL REQUIRED FOR LESS THAN 5' OF COVER.
- LOAM AND SEED SHOULD BE IN COMPLIANCE WITH NH DOT 641, 642, 643, 644 AND 645.

WATER PIPE TRENCH
NOT TO SCALE



U2



- NOTES:**
- ALL WATER LINES 4" OR GREATER SHALL BE DR 11 200 PSI IPS C906 BLUE STRIPE.
 - SERVICE BETWEEN CURB STOP AND BUILDING MAY BE (BLUE OR BLACK) CTS SDR 9 PLASTIC POLYETHYLENE RATED FOR 250 psi.
 - CAM-LOCK REQUIRED FOR CTS OR IPS, MJ ADAPTER REQUIRED FOR HDPE

WATER SERVICE CONNECTION
NOT TO SCALE

U3

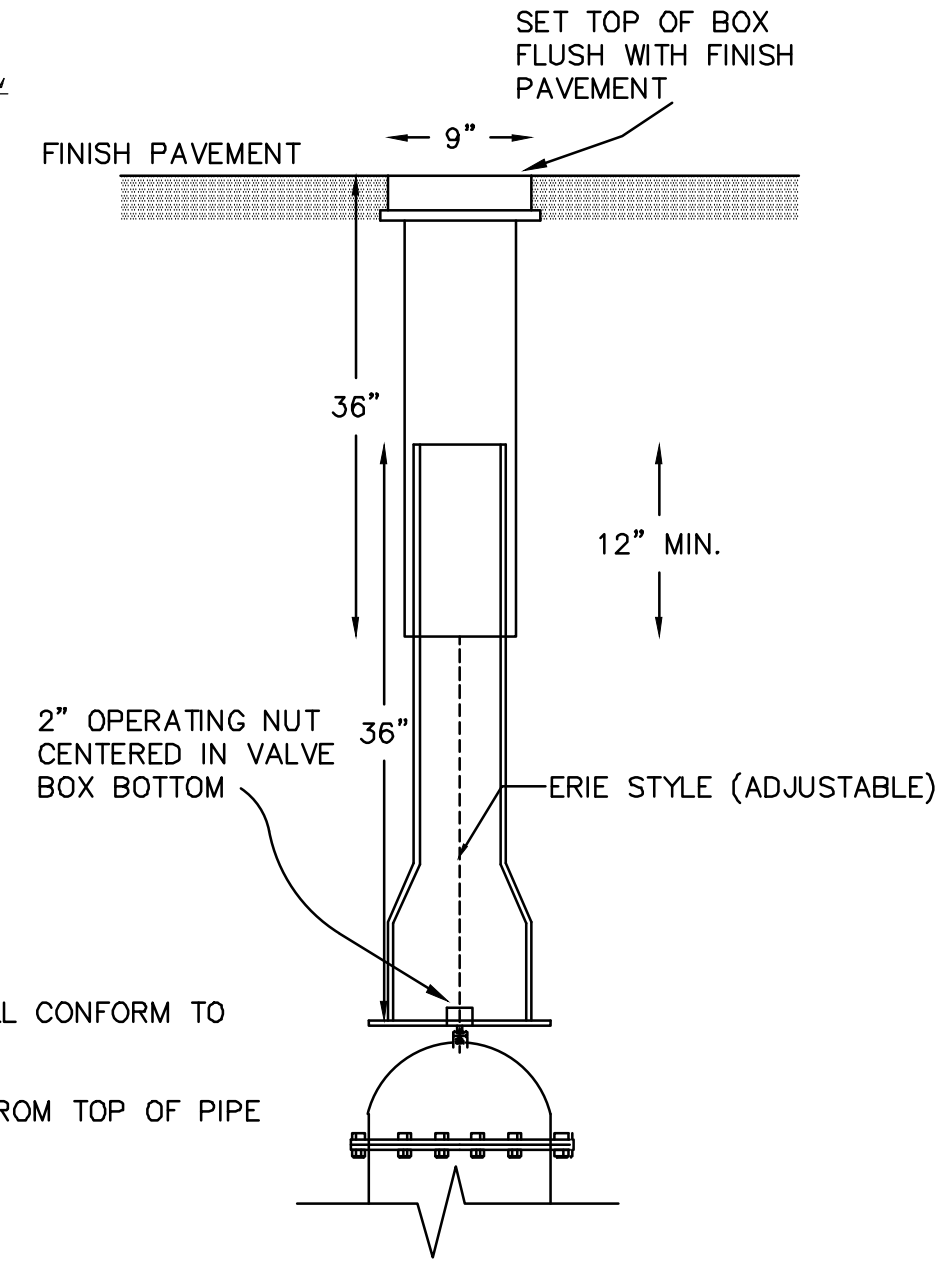
VALVE BOX DETAIL

NOT TO SCALE



DROP STYLE COVER

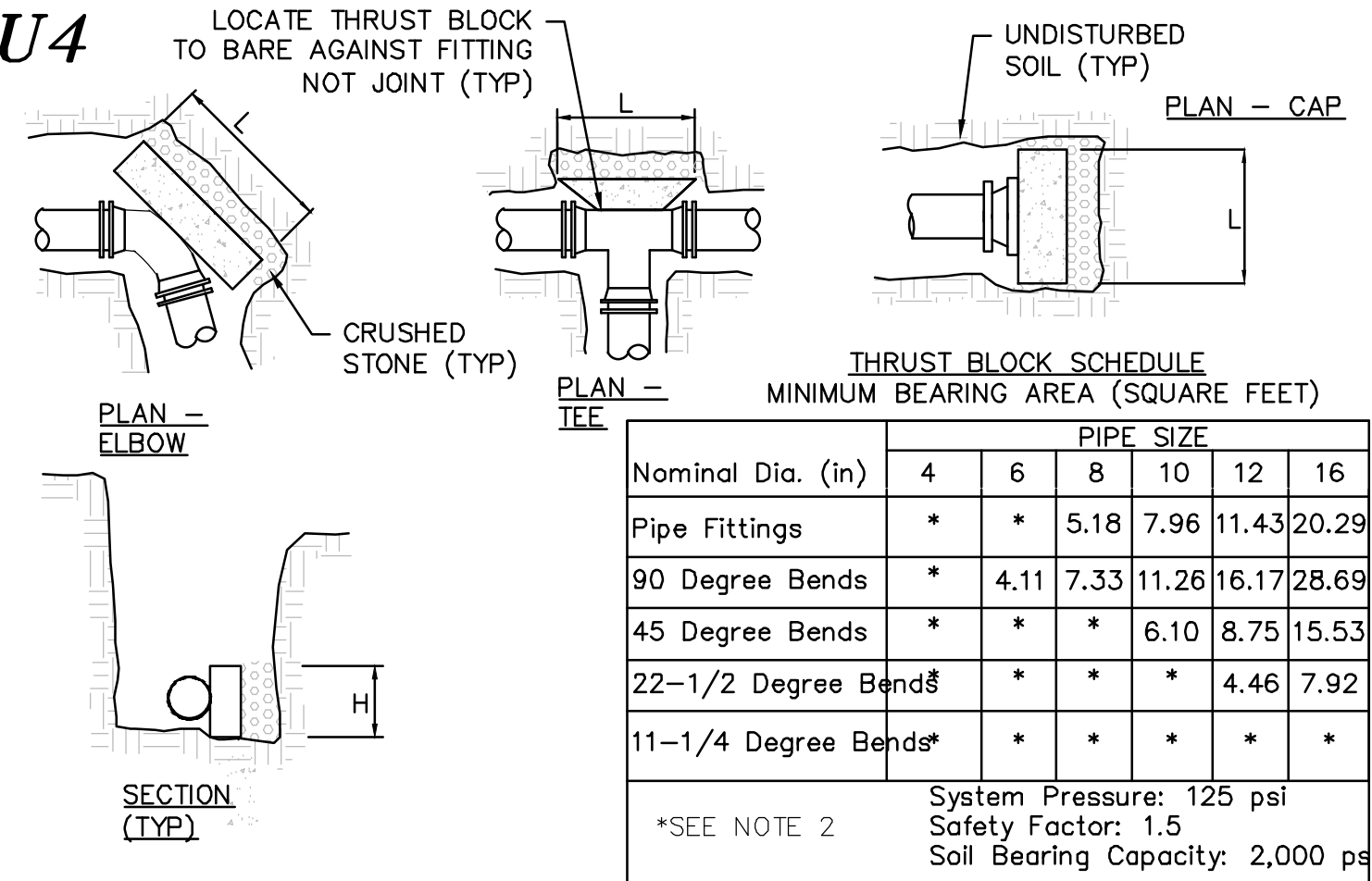
NOTE: COVER MUST BE MARKED "WATER"



NOTES:

- ALL MATERIALS AND INSTALLATION PROCEDURES WILL CONFORM TO LOCAL WATER WORKS TECHNICAL SPECIFICATIONS.
- ALL PIPE SHOULD HAVE A MINIMUM DEPTH OF 5' FROM TOP OF PIPE TO FINISH GRADE.
- ALL VALVES ARE TO OPEN LEFT

U4

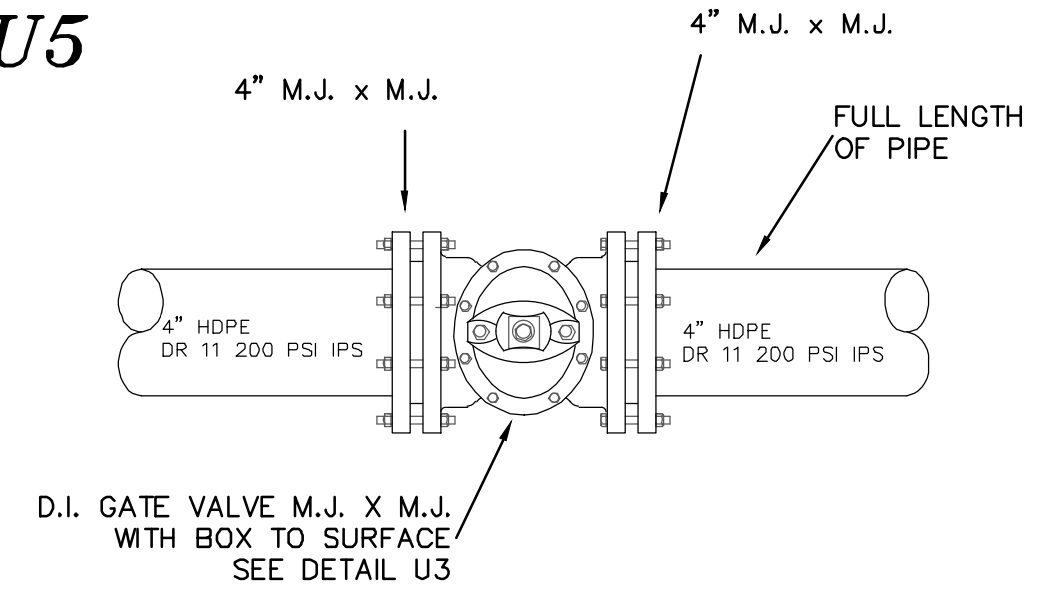


NOTES:

- ALL THRUST BLOCKS SHALL BE PRE-CAST CONCRETE UNLESS APPROVED BY THE CITY ENGINEER.
- 2'X2'X2' MINIMUM THRUST BLOCK REQUIRED, ANY BEARING AREA OVER 4SF REQUIRES THRUST BLOCKS, RESTRAINED JOINTS AND CALCULATIONS ASSOCIATED WITH THE JOINT.
- THE MINIMUM BEARING AREAS SHOWN IN THE THRUST BLOCK SCHEDULE ARE BASED ON A SYSTEM PRESSURE OF 125 PSI. IF THE SYSTEM PRESSURE IS ABOVE 125 PSI, INCREASE THE NOTED AREAS PROPORTIONALLY TO THE ACTUAL SYSTEM PRESSURE.
- FOR MINIMUM BEARING AREAS OVER 4 SF, THE LENGTH (L) OF THE BLOCK IS APPROXIMATELY TWICE AS LONG AS THE HEIGHT (H).
- PLACE CRUSHED STONE BEHIND THRUST BLOCK AGAINST UNDISTURBED SOIL.
- PLACE THRUST BLOCK ALONG MAXIMUM LENGTH OF THE FITTING TO MAXIMIZE BEARING AREA.
- CONCRETE COMPRESSIVE STRENGTH: 2,000 PSI MINIMUM.
- USE OF THRUST BLOCKS DOES NOT ELIMINATE THE REQUIREMENT OF OTHER RESTRAINTS OR VICE VERSA.

THRUST BLOCKS
NOT TO SCALE

U5



SHUTOFF VALVE DETAIL
NOT TO SCALE

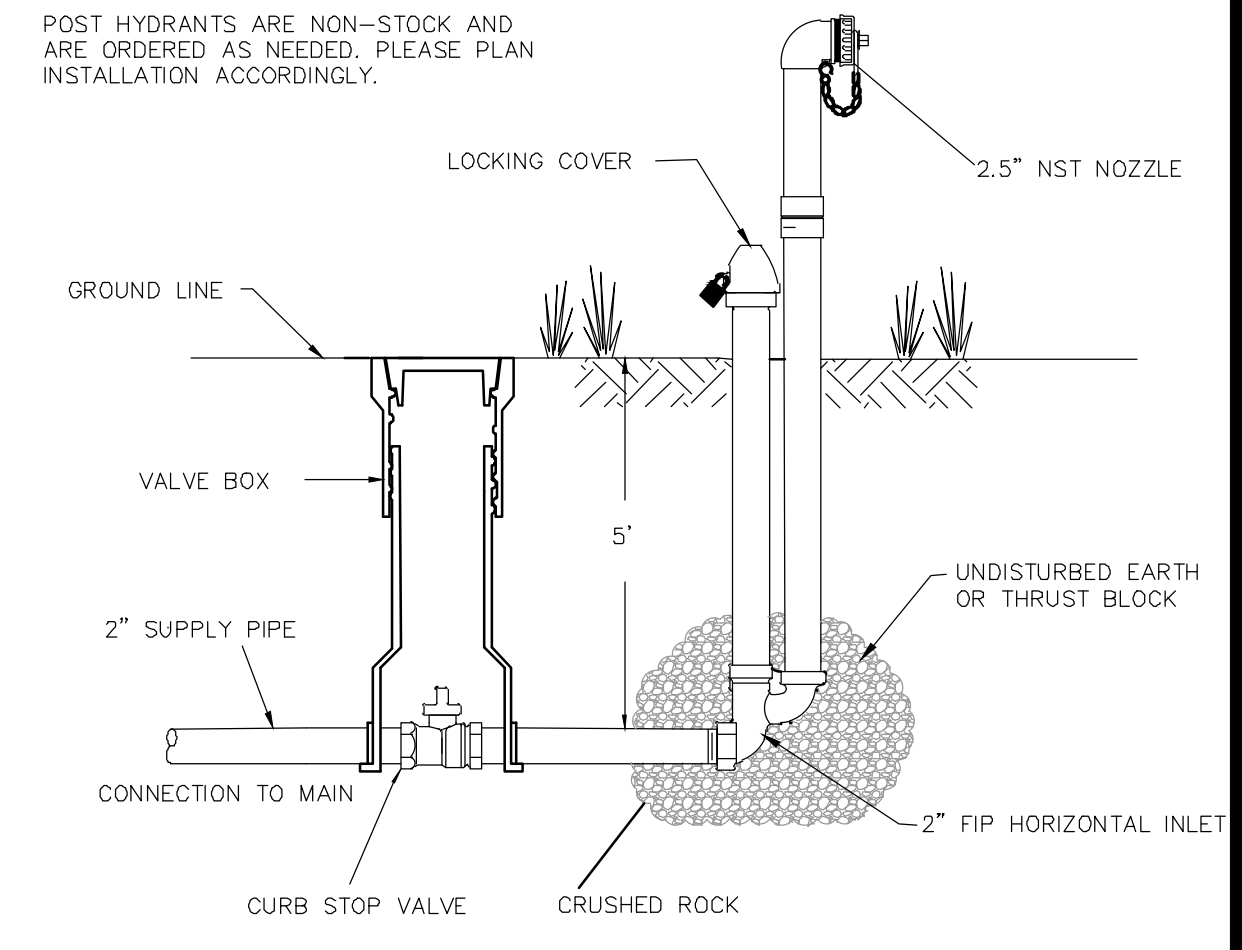
- ALL VALVES ARE TO OPEN LEFT

U6

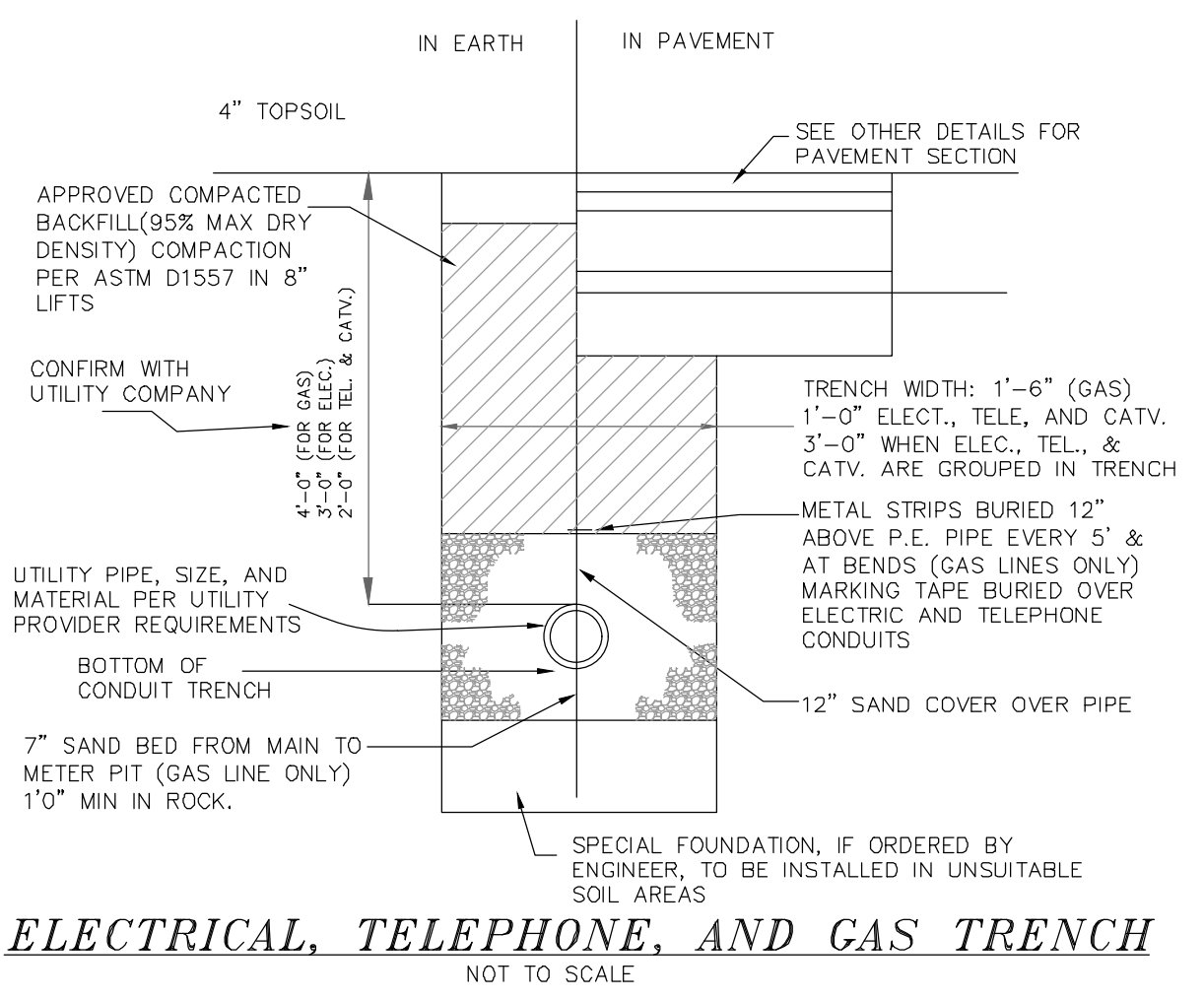
POST HYDRANT DETAIL
NOT TO SCALE

NOTES:

- HYDRANTS SHALL BE SELF-DRAINING, NON-FREEZING, COMPRESSION TYPE WITH 2-3/16" MAIN VALVE OPENING. INLET CONNECTION SHALL BE 4" M.J. OUTLET SHALL BE 2" IP.
- HYDRANTS SHALL HAVE A 4" DUCTILE IRON PIPE RISER WITH A CAST IRON TOP STOCK, AND NON-TURNING OPERATING ROD. PRINCIPAL INTERIOR OPERATING PARTS SHALL BE BRASS AND REMOVABLE FROM THE HYDRANT FOR SERVICING WITHOUT EXCAVATING THE HYDRANT.
- HYDRANTS SHALL BE SET IN 4 CUBIC FEET OF CRUSHED STONE TO ALLOW FOR PROPER DRAINAGE OF THE HYDRANT. RECOMMENDATIONS OF THE AWWA SHOULD BE FOLLOWED WHEN INSTALLING THE HYDRANT.
- POST HYDRANTS SHALL BE ECLIPSE NO. 2 POST HYDRANTS, 3-INCH MECHANICAL JOINT, AS MANUFACTURED BY JOHN C. KUPFERLE FOUNDRY COMPANY, ST. LOUIS, MISSOURI.
- POST HYDRANTS ARE NON-STOCK AND ARE ORDERED AS NEEDED. PLEASE PLAN INSTALLATION ACCORDINGLY.



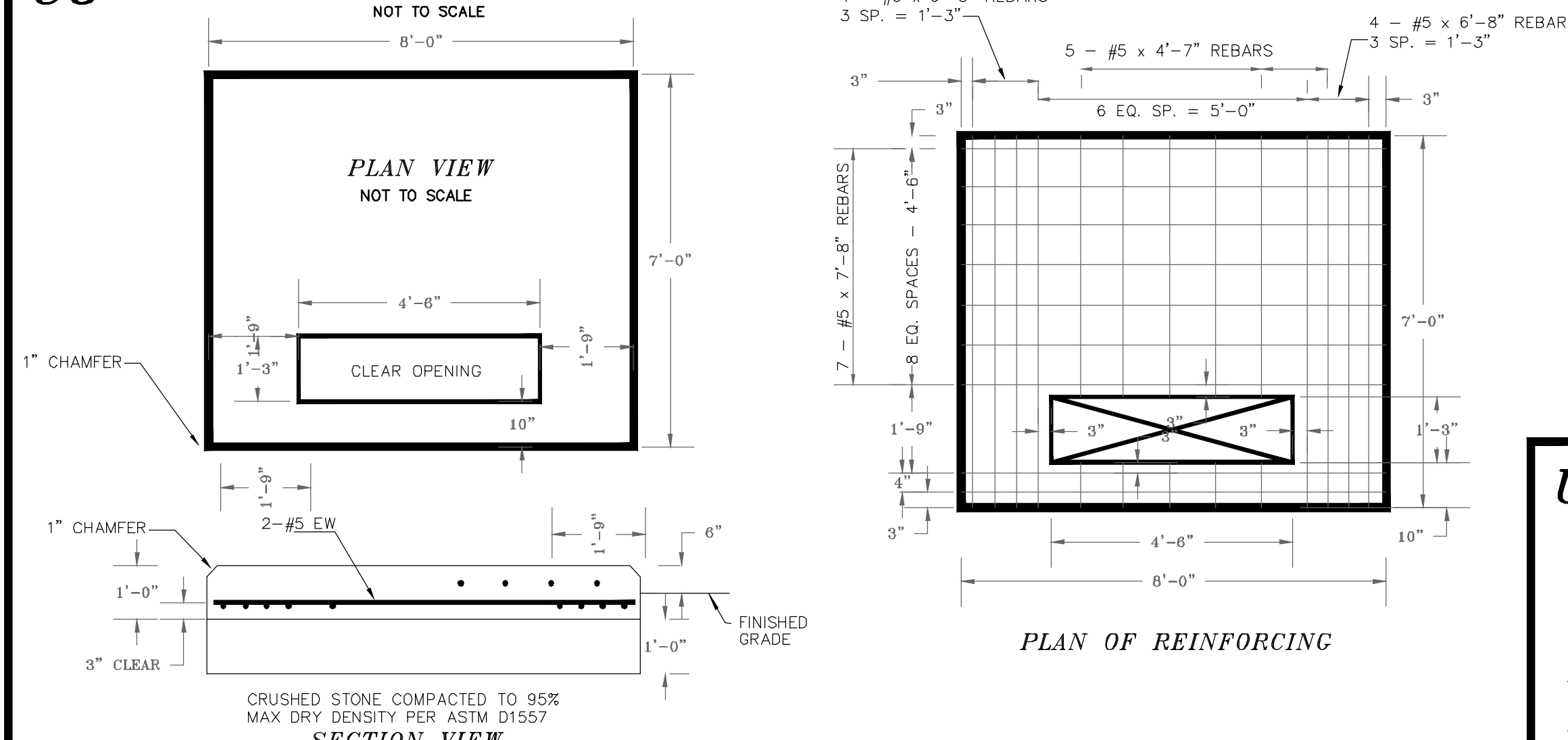
U7



ELECTRICAL, TELEPHONE, AND GAS TRENCH
NOT TO SCALE

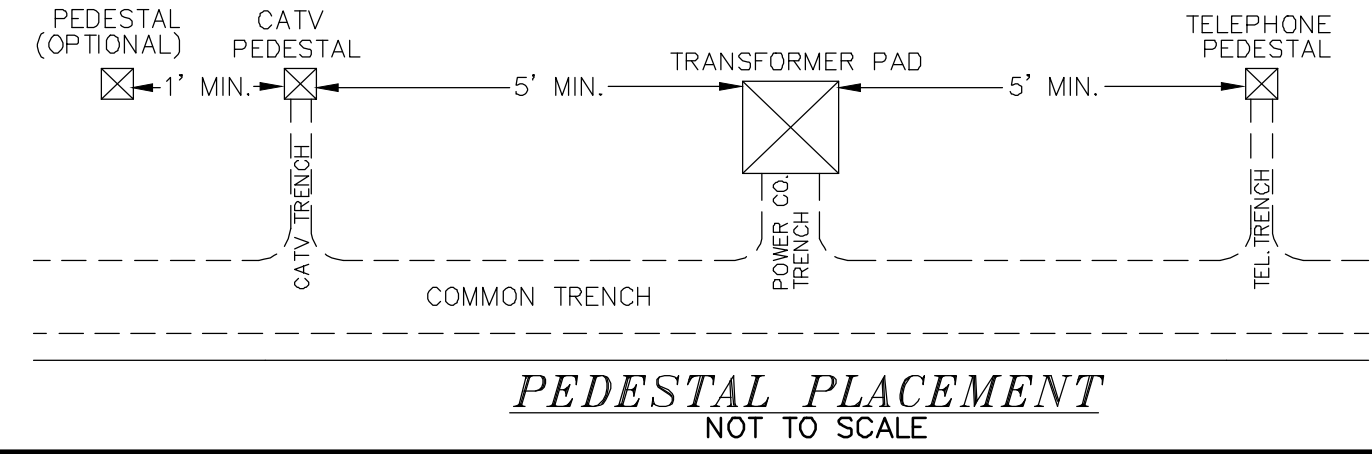
U8

TRANSFORMER PAD DETAIL



- NOTES:**
- CONFIRM SIZE WITH ELECTRIC COMPANY BEFORE CONSTRUCTION.
 - USE LOCAL ELECTRIC COMPANY DETAILS AS REQUIRED.

U9



PEDESTAL PLACEMENT
NOT TO SCALE

FOR PLANNING BOARD APPROVAL PURPOSES:

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U-101

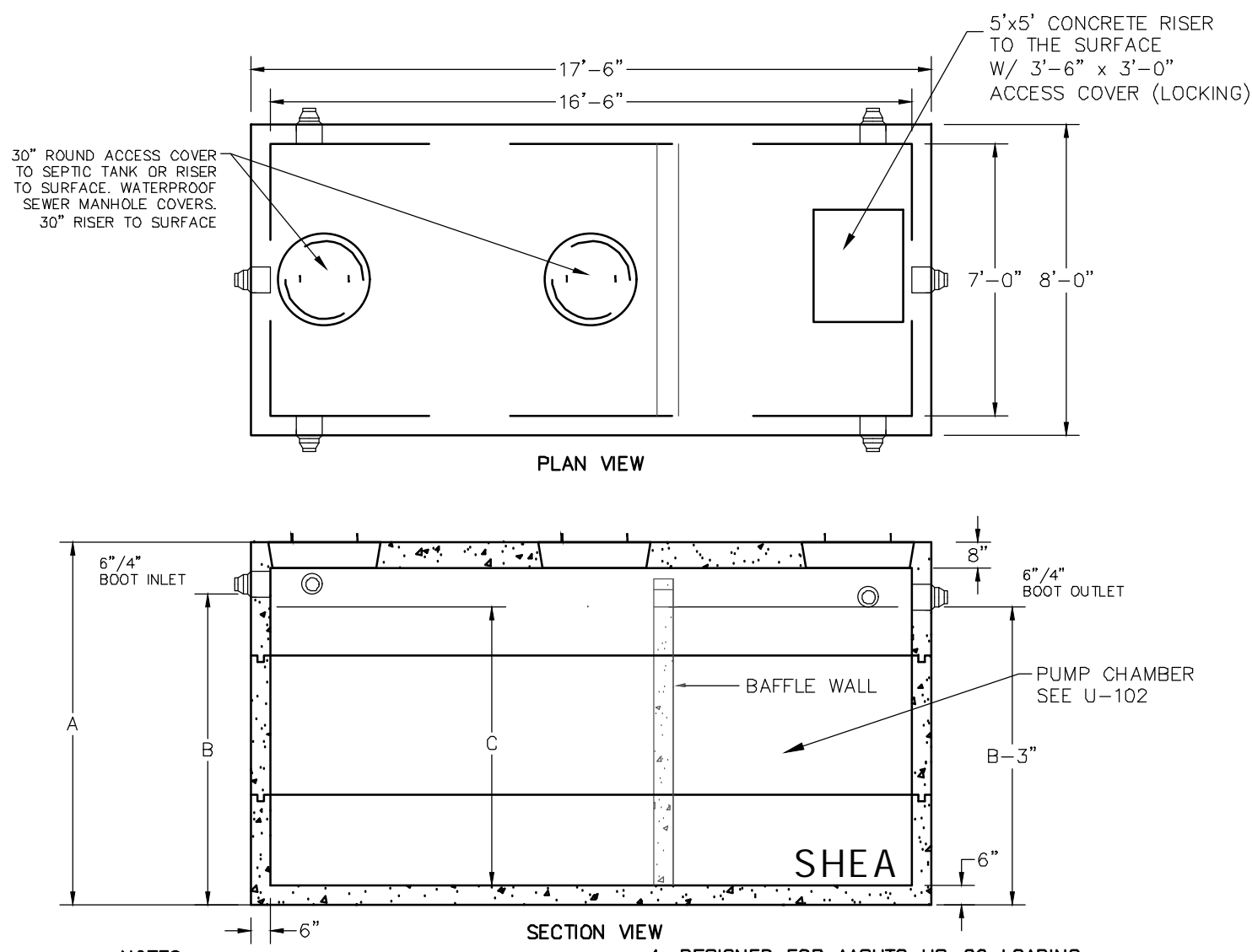
REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

UTILITY CONSTRUCTION DETAILS
FOR TURBOCAM, INC.
LAND OF NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 23B, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE: AS NOTED
DATE: FEBRUARY 5, 2024
FILE NO.: DB 2023 - 017

U19

NOTE: 7.5-8" OF COVER OVER TANKS. STRUCTURAL CALCULATION TO BE AVAILABLE UPON REQUEST



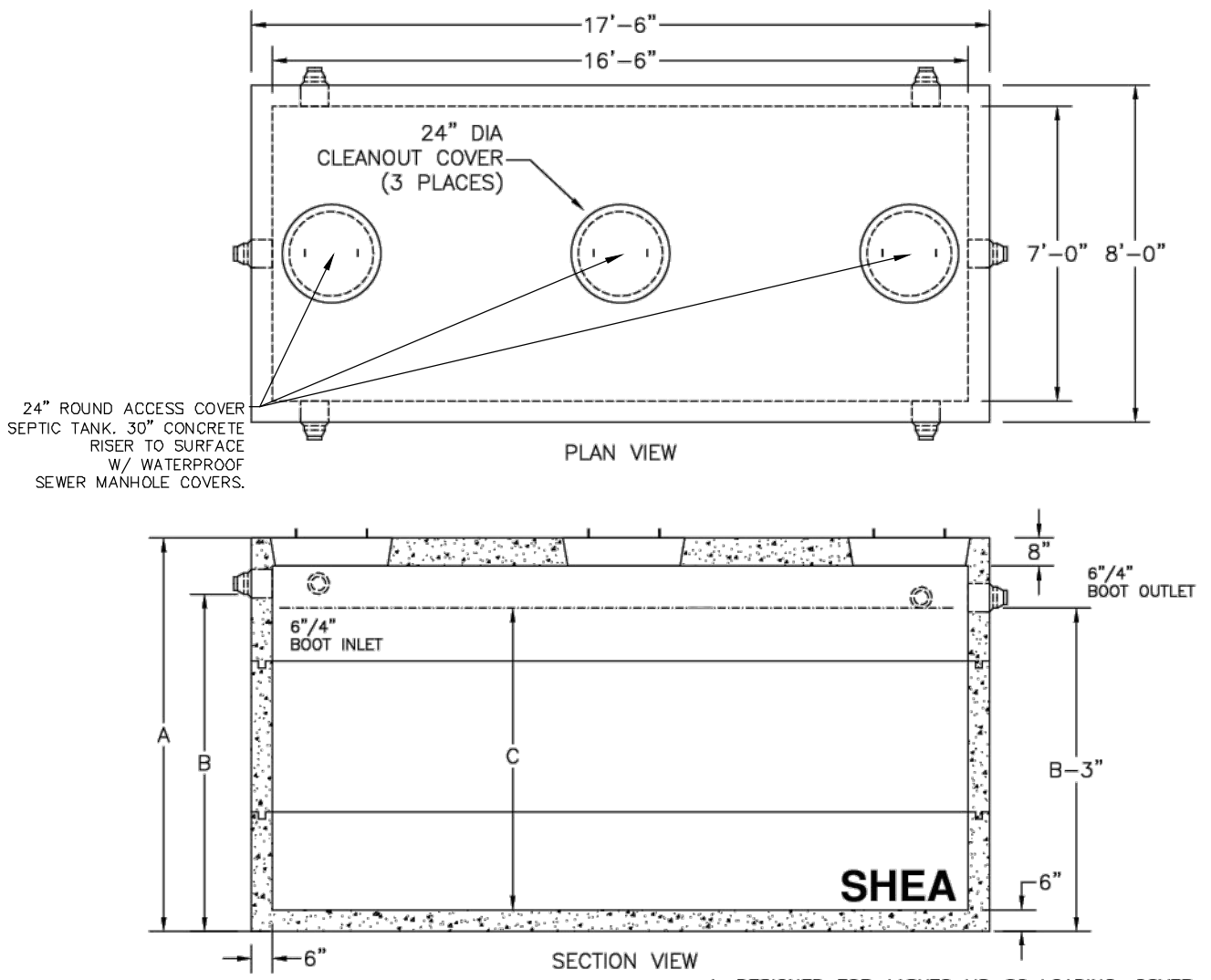
- NOTES: 1. CONCRETE: 5,000 PSI MINIMUM AFTER 28 DAYS. 2. DESIGN CONFORMS WITH 310 CMR 15.00 DEP TITLE 5 REGS FOR SEPTIC TANKS. 3. ALL REINFORCEMENT PER ASTM C1227. 4. DESIGNED FOR AASHTO HS-20 LOADING, COVER 1-5 FT. 5. TONGUE AND GROOVE JOINT SEALED WITH BUTYL RESIN, INLET HEIGHT MAY INCREASE SLIGHTLY DUE TO THE BUTYL RESIN USED. 6. TEES AND BAFFLES SOLD SEPARATELY.

Table with columns: SECTION, WEIGHT, GALLONS, ITEM NO., A (HEIGHT), B (INLET), B (BOOT), C (LIQUID), WEIGHT (LBS), TOP (HEIGHT), BOTTOM (HEIGHT), RISER 1 (HEIGHT), RISER 2 (HEIGHT). Lists various tank configurations and their specifications.

4,500 GALLON TWO COMPARTMENT SEPTIC TANK - H-20 NOT TO SCALE

U20

NOTE: 7.5-8" OF COVER OVER TANKS. STRUCTURAL CALCULATION TO BE AVAILABLE UPON REQUEST

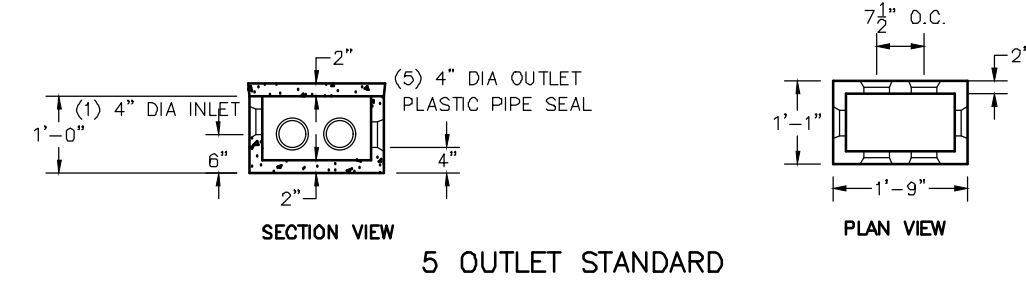


- NOTES: 1. CONCRETE: 5,000 PSI MINIMUM AFTER 28 DAYS. 2. DESIGN CONFORMS WITH 310 CMR 15.00 DEP TITLE 5 REGS FOR SEPTIC TANKS. 3. ALL REINFORCEMENT PER ASTM C1227. 4. DESIGNED FOR AASHTO HS-20 LOADING, COVER 1-5 FT. 5. TONGUE AND GROOVE JOINT SEALED WITH BUTYL RESIN, INLET HEIGHT MAY INCREASE SLIGHTLY DUE TO THE BUTYL RESIN USED. 6. TEES AND BAFFLES SOLD SEPARATELY.

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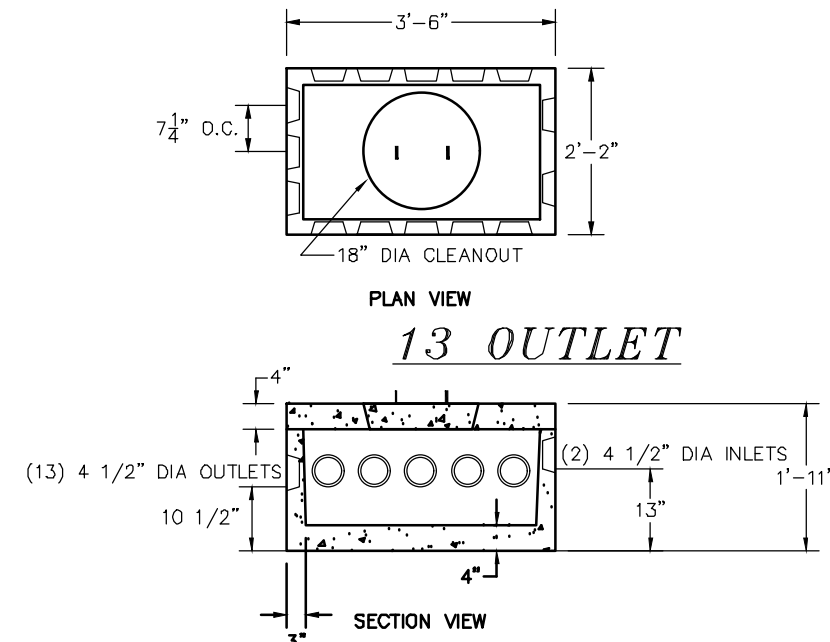
5,500 GALLON H-20 SEPTIC TANK NOT TO SCALE

U21



5 OUTLET

- NOTES: 1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS. 2. COVER WEIGHT: 48#



13 OUTLET

- NOTES: 1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS. 2. DESIGN CONFORMS WITH 310 CMR 15.00, DEP TITLE 5 REGS, FOR DISTRIBUTION BOXES. 3. DESIGNED FOR AASHTO HS-20 LOADING, COVER 1 TO 5 FEET. 4. COVER WEIGHT 463#

DISTRIBUTION BOXES

NOT TO SCALE

SHEA logo and contact information: New England's Premier Precaster, CONCRETE PRODUCTS, BILLING ADDRESS: 87 HAVERHILL RD., AMESBURY MA 01913

TANK EXTENSIONS

CONCRETE 30" RISER NOT TO SCALE

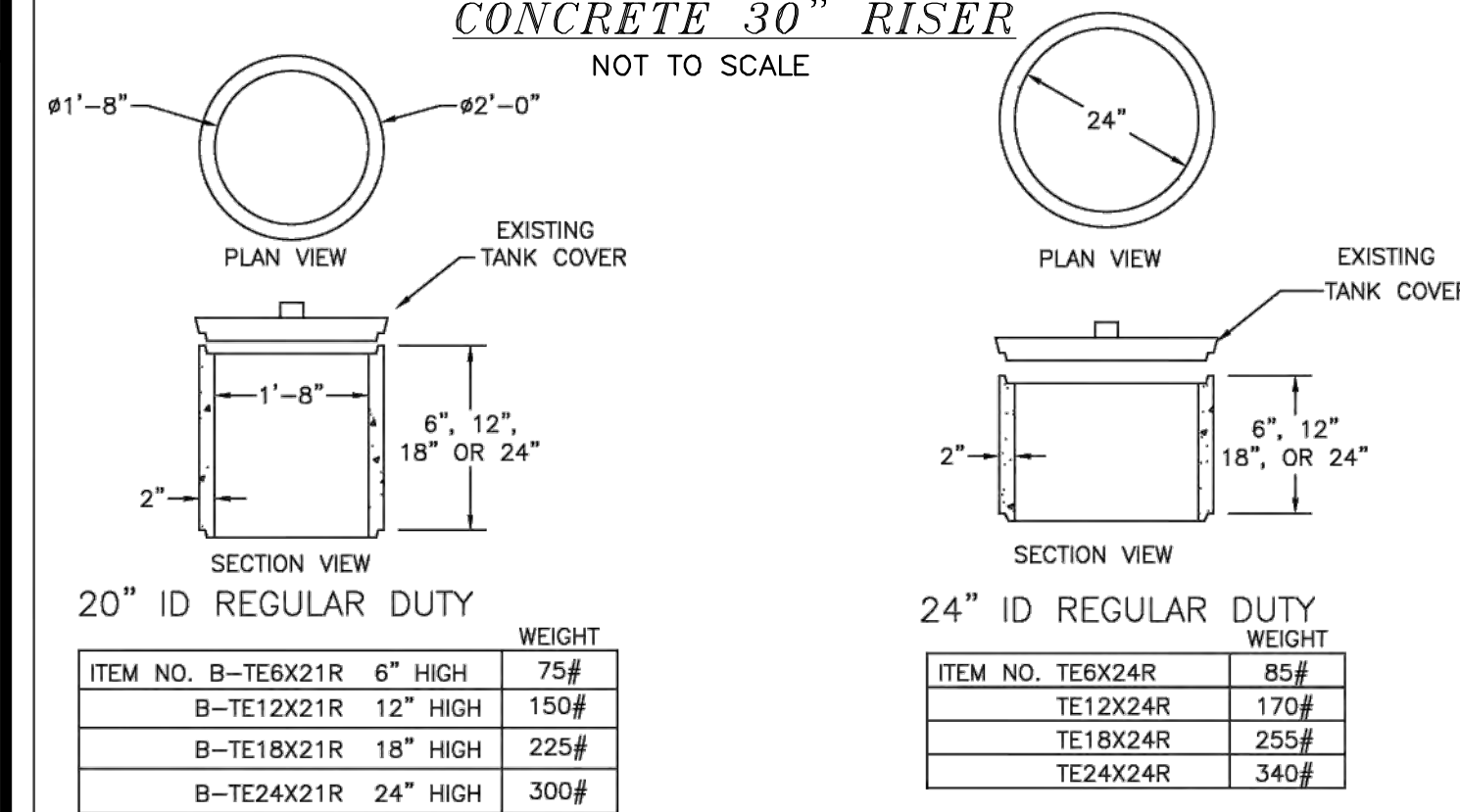


Table with columns: ITEM NO., B-T, H, WEIGHT. Lists riser specifications: B-TE6X21R 6\"/>

Table with columns: ITEM NO., T, H, WEIGHT. Lists riser specifications: T-TE6X24R 6\"/>

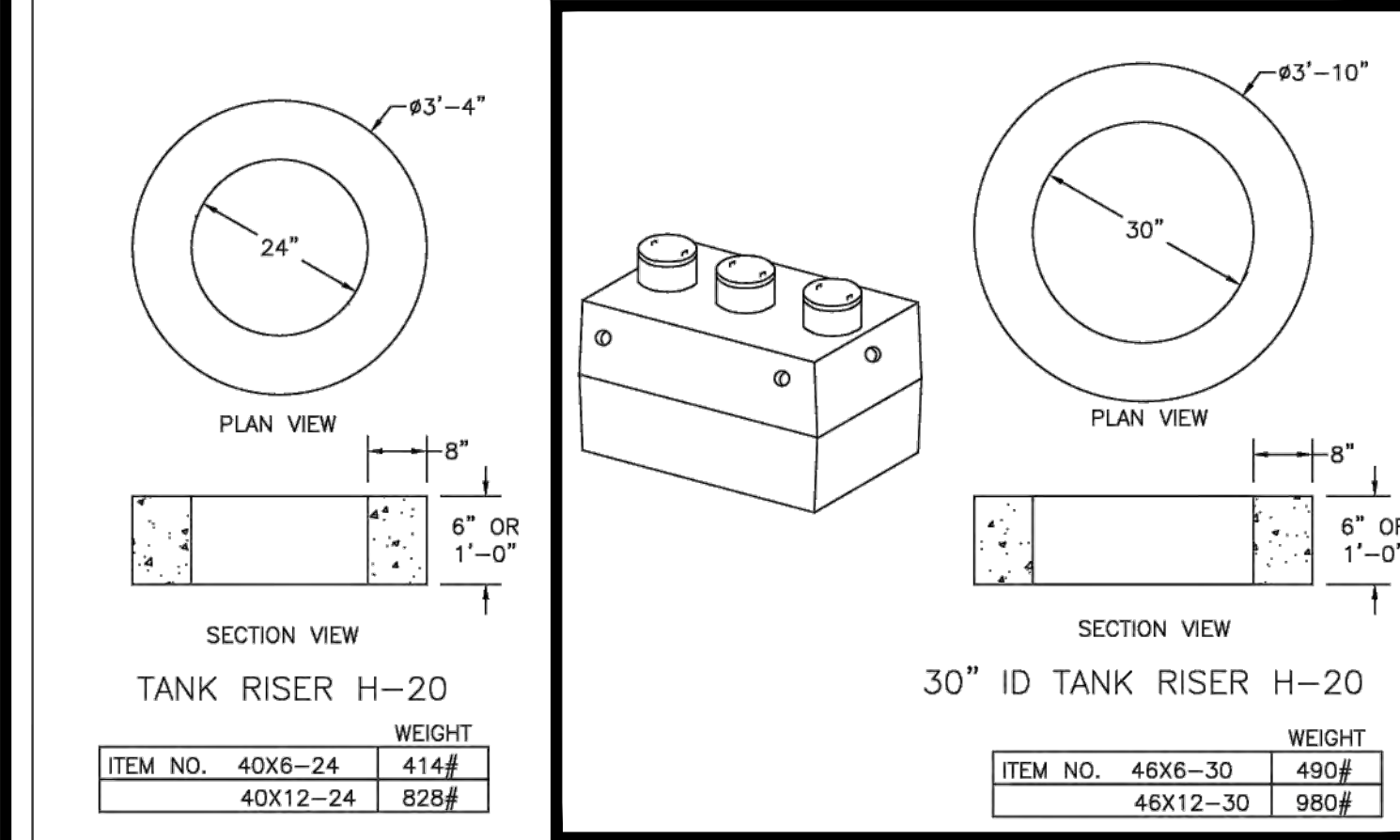
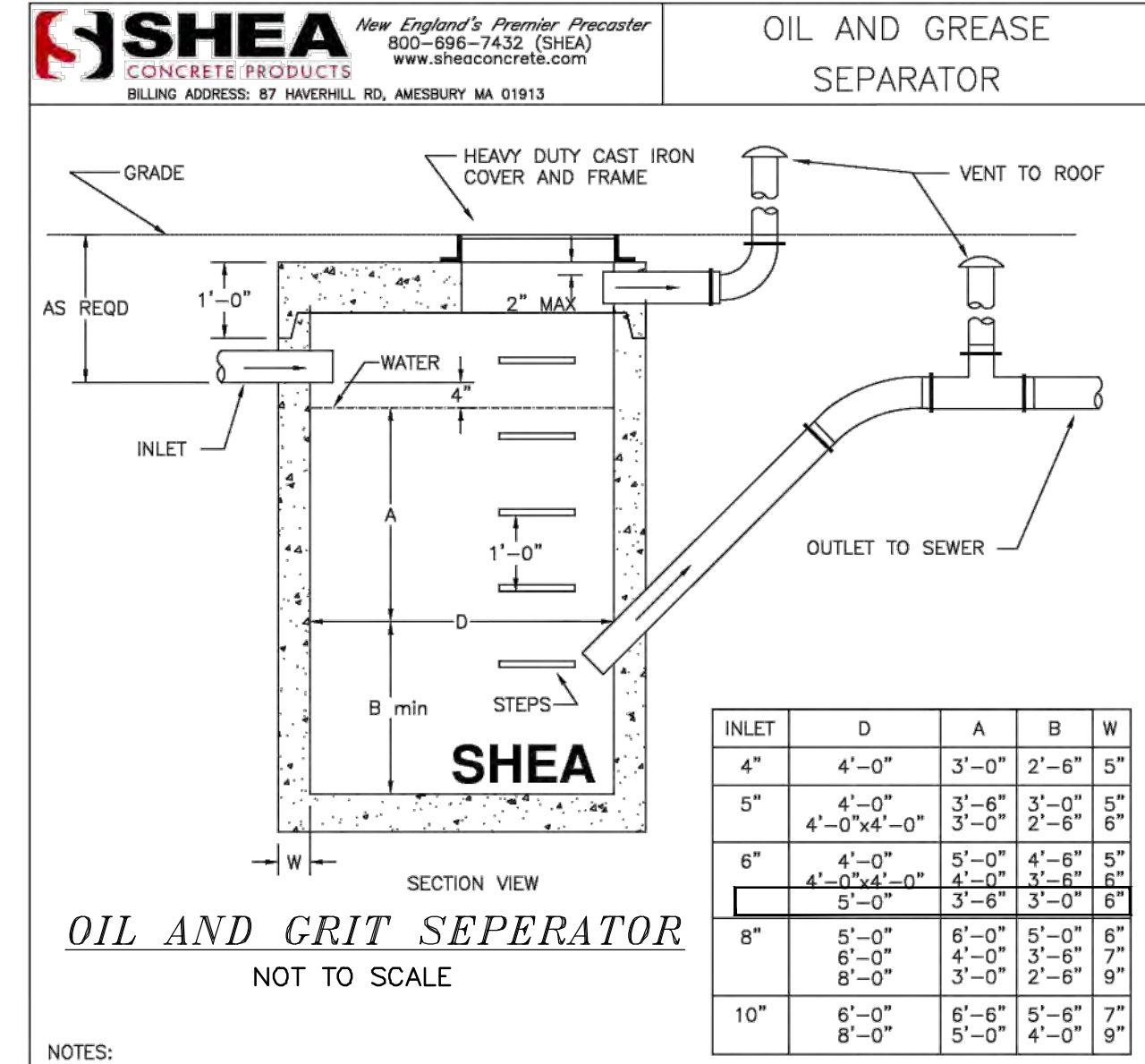


Table with columns: ITEM NO., B-T, H, WEIGHT. Lists riser specifications: B-TE6X24R 6\"/>

Table with columns: ITEM NO., T, H, WEIGHT. Lists riser specifications: T-TE6X24R 6\"/>

SHEA logo and contact information, project details: SHEA PRODUCT ID: SEE TABLES, PREPARED FOR: tankexts.dwg, WEIGHT (LBS): SEE TABLES, DRAWN BY: ARO, DATE: 06/01/18, PAGE: M3, 773 Salem Street-Wilmington, MA | 153 Cranberry Hwy-Rochester, MA | 87 Haverhill Road-Amesbury, MA | 180 Old Turnpike Rd-Nortingham, NH

U23



OIL AND GRIT SEPERATOR NOT TO SCALE

Table with columns: INLET, D, A, B, W. Lists separator dimensions for various inlet sizes from 4\"/>

- NOTES: 1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS. 2. MANHOLE DESIGN SPECIFICATIONS CONFORM TO LATEST ASTM C478 SPEC FOR PRECAST REINFORCED CONCRETE MANHOLE SECTIONS. 3. BUTYL RESIN SECTION JOINT CONFORMS TO LATEST ASTM C443 SPEC. 4. STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP CONFORMS TO LATEST ASTM C478 SPEC. 5. PIPE NOT SUPPLIED. 6. CONE SECTION AVAILABLE IN 4\"/>

SHEA logo and contact information, project details: SHEA PRODUCT ID: VARIES, PREPARED FOR: gastropp.dwg, WEIGHT (LBS): VARIES, DRAWN BY: ARO, DATE: 03/01/2018, PAGE: H1, 773 Salem Street-Wilmington, MA | 153 Cranberry Hwy-Rochester, MA | 87 Haverhill Road-Amesbury, MA | 180 Old Turnpike Rd-Nortingham, NH

U22

GATE VALVE TECHNICAL DATA

MATERIAL & GENERAL SPECIFICATIONS

Table with columns: Color, Hubs, Body, Shaft, Padlle, Handle, Seals, Max PSI Open/Closed, Mid-Flow Max Closing, Pressure, Air Cylinder. Lists valve specifications for various sizes and materials.

Notes: Vacuum Applications: 1 1/2\"/>

MANUAL VALVE DIMENSIONS (Inches)(mm)

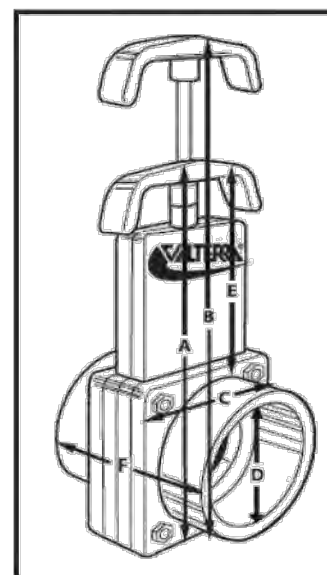
Table with columns: Size, A, B, C, D, E, F. Lists valve dimensions for various sizes from 1.5\"/>

*B" Dimension is height of valve in fully open position

Phone: 800-806-6159 Fax: 818-361-5389 email: valterra@valterra.com www.valterra.com

U24

MANUAL DRAIN GATE VALVE NOT TO SCALE

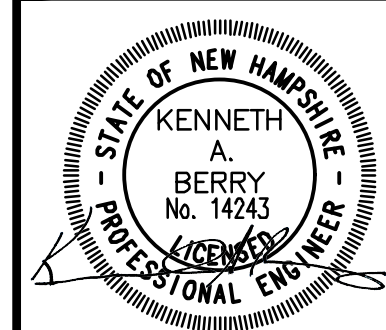


FOR PLANNING BOARD APPROVAL PURPOSES:

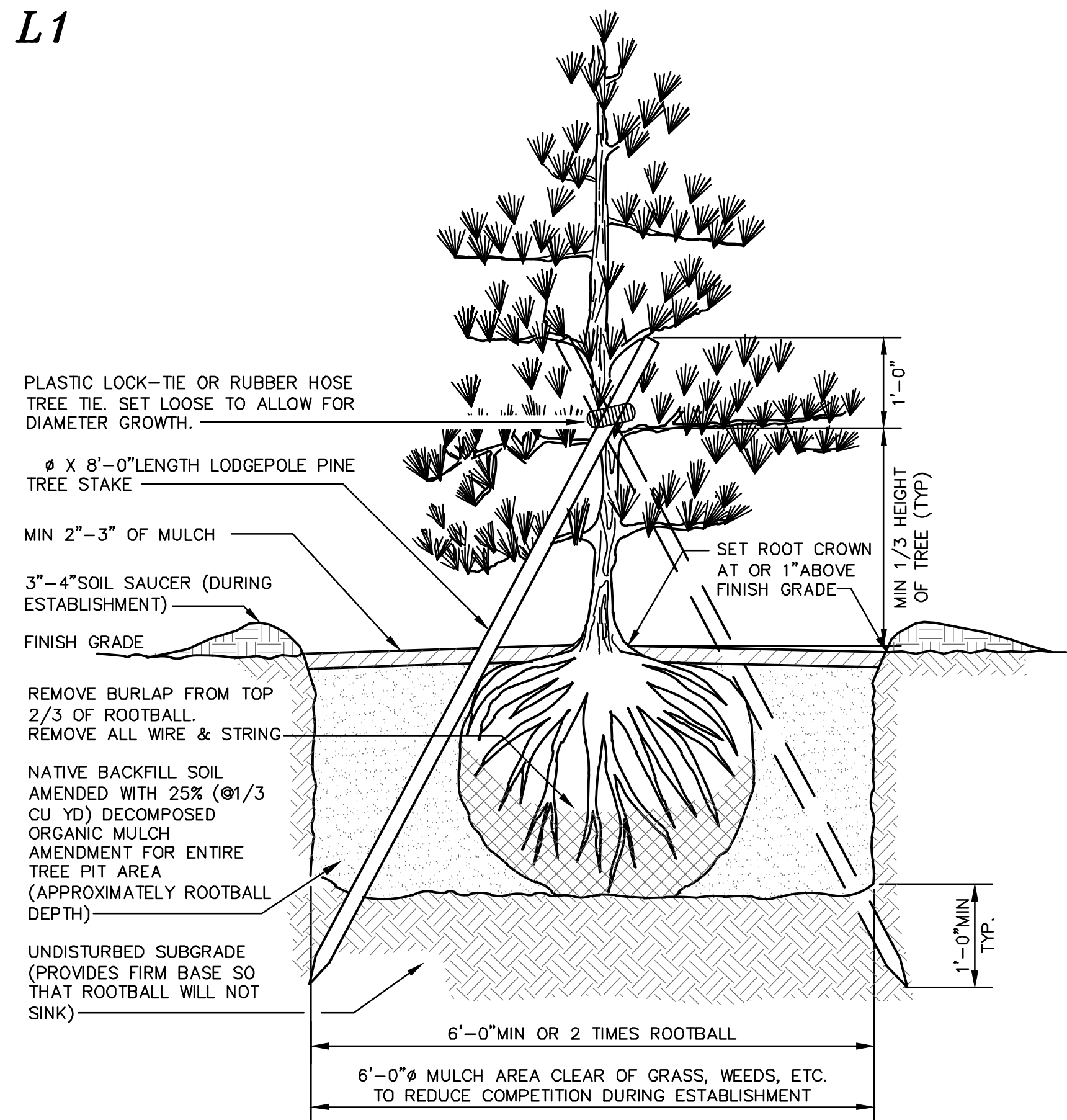
THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

UTILITY CONSTRUCTION DETAILS FOR TURBOCAM, INC. LAND OF NHBC, LLC NH ROUTE 125/CALEF HIGHWAY BARRINGTON, N.H. TAX MAP 23B, LOT 44-1

BERRY SURVEYING & ENGINEERING 335 SECOND CROWN POINT ROAD BARRINGTON, NH 03825 (603)332-2863 SCALE: AS NOTED DATE: FEBRUARY 5, 2024 FILE NO.: DB 2023 - 017

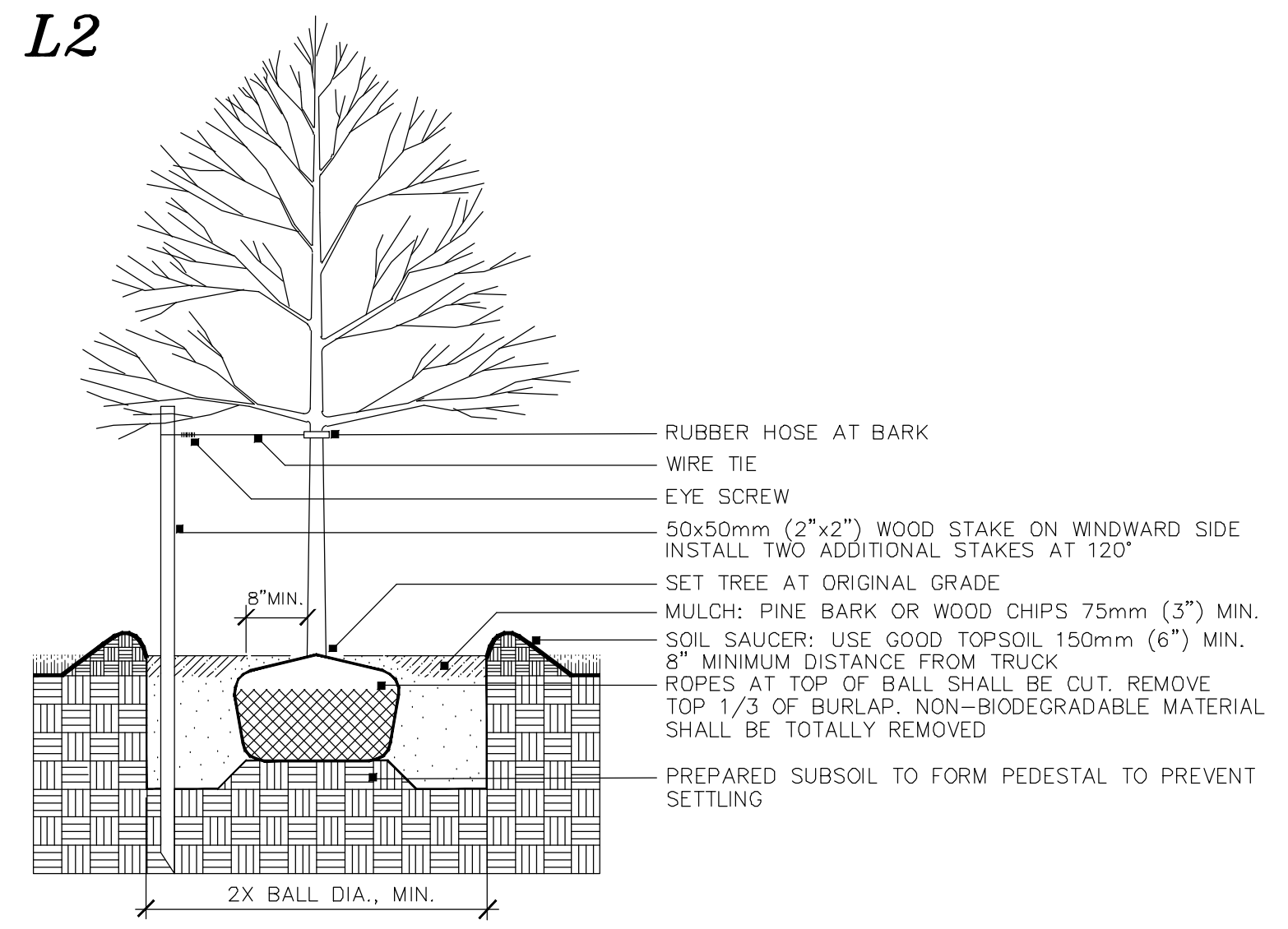


L1



CONIFEROUS TREE PLANTING

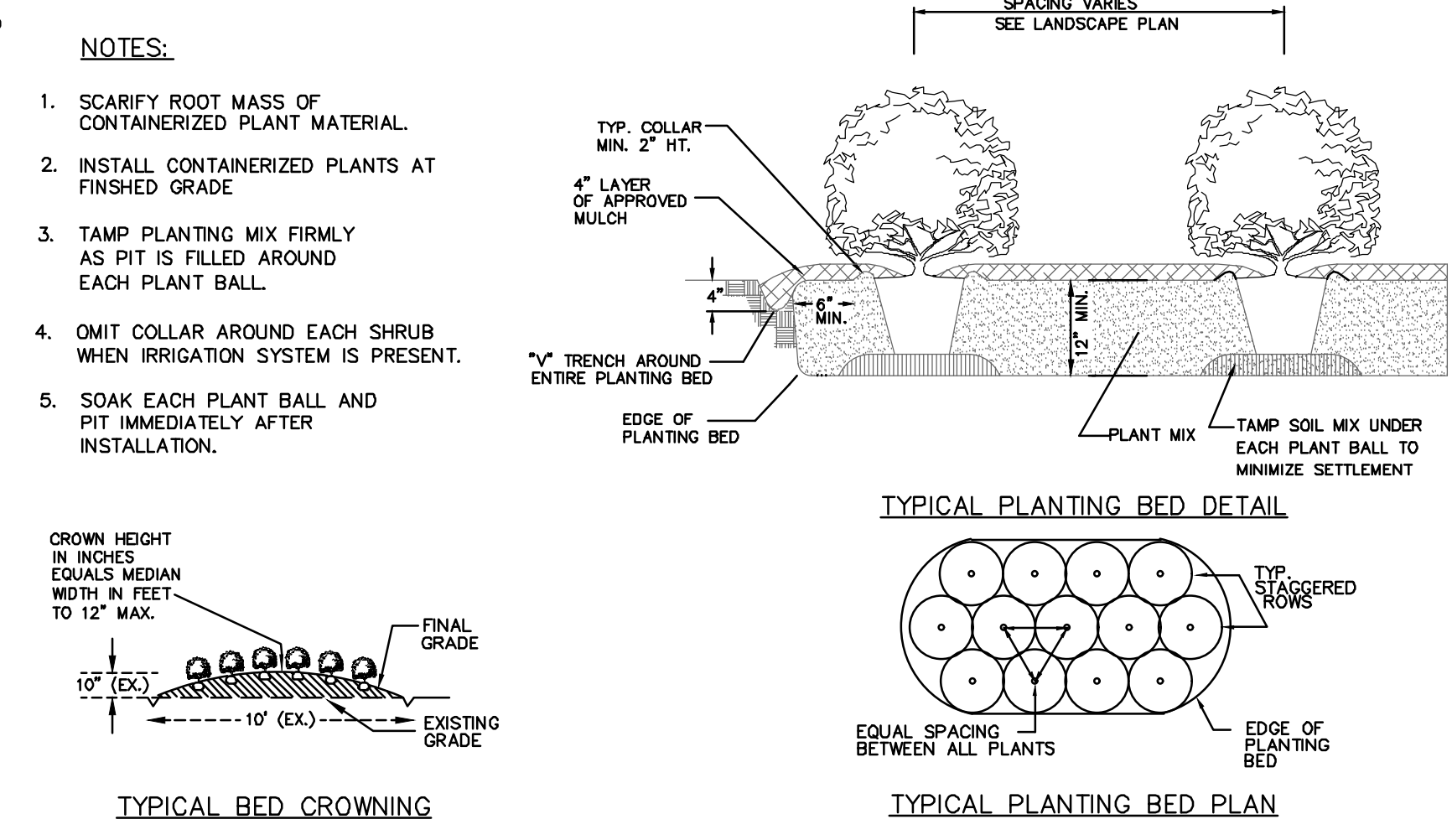
L2



DECIDUOUS TREE PLANTING

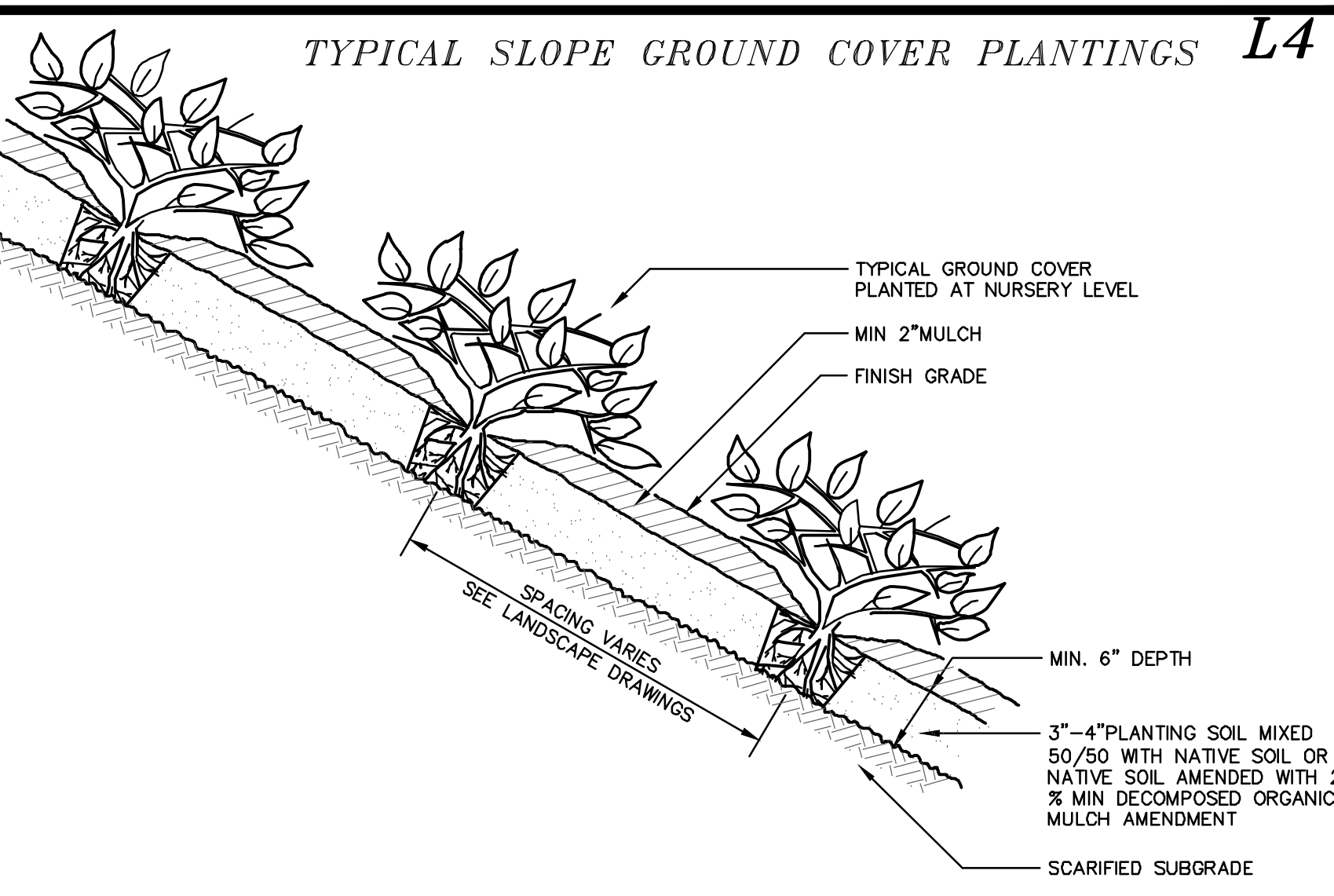
NOTE: STAKING TO BE USED IN PARKING ISLANDS AND OTHER CONFINED AREAS AS NECESSARY TO AVOID CONFLICTS WITH PEDESTRIANS

L3



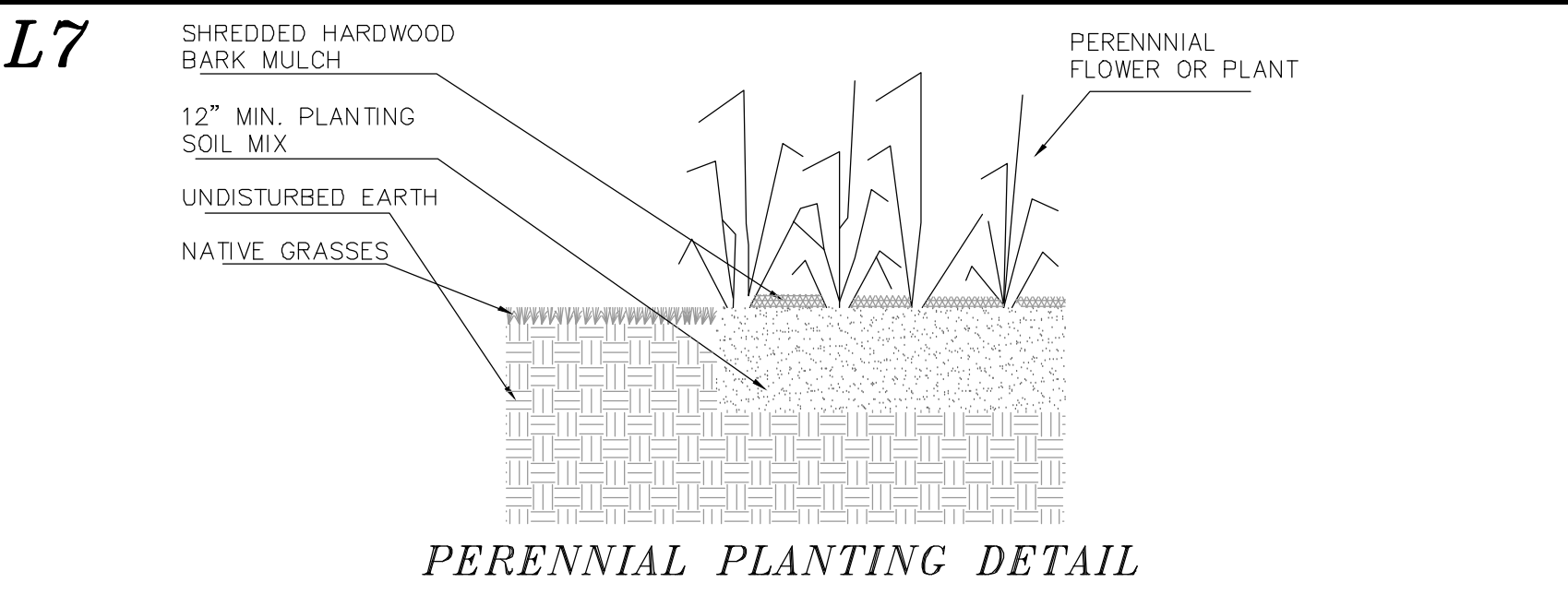
SHRUB & HEDGE PLANTING

TYPICAL SLOPE GROUND COVER PLANTINGS L4

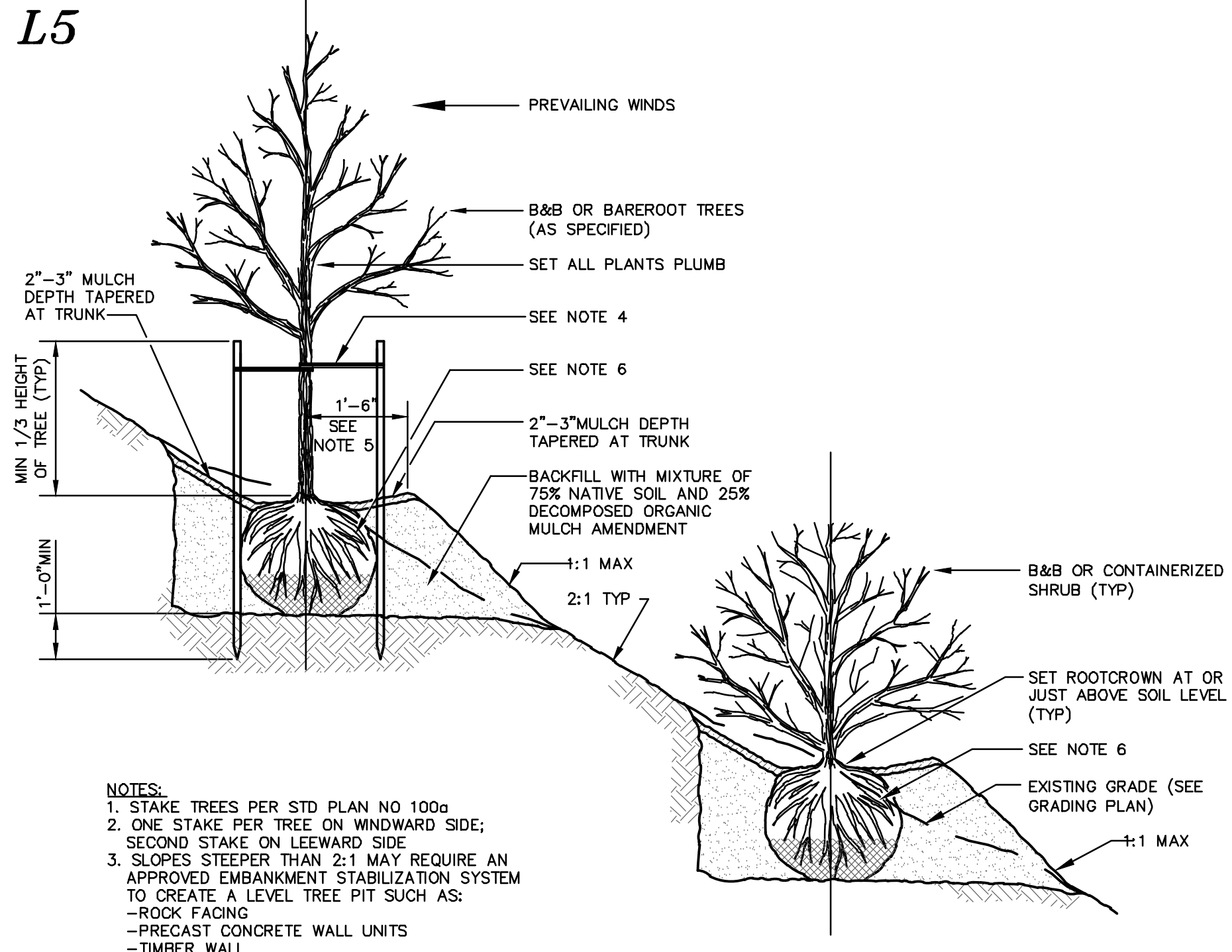


PERENNIAL PLANTING DETAIL

L7



L5



TREE PLANTING ON SLOPES

NOTES:

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

NOTES:

L6

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

FOR TOWN APPROVAL PURPOSES:

THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

L-101

REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

LANDSCAPING CONSTRUCTION DETAILS

FOR TURBOCAM, INC. LAND OF NH&BC, LLC NH ROUTE 125/CALEF HIGHWAY BARRINGTON, N.H. T4X MAP 23B, LOT 44-1

BERRY SURVEYING & ENGINEERING
 335 SECOND CROWN POINT ROAD
 BARRINGTON, NH 03825 (603)332-2863
 SCALE: AS NOTED
 DATE: FEBRUARY 5, 2024
 FILE NO.: DB 2023 - 017

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

SHEET 48 OF 51



AMERICAN BUMBLE BEE

IDENTIFICATION/DESCRIPTION:

BOMBUS PENNSYLVANICUS IS A LARGE BUMBLE BEE WITH THE QUEEN MEASURING 1 IN, THE WORKER FROM 0.5 IN, AND THE MALE FROM 0.75 IN IN LENGTH. THE QUEEN IS MOSTLY BLACK, INCLUDING THE LEGS, SPURS AND TEGULAE (BASE OF WING). TEGULAE 1, OR THE MOST ANTERIOR BACK PORTION OF THE QUEEN IS OFTEN YELLOW ESPECIALLY IN THE MIDDLE. WORKER BEES' MIDDLE TEGULAE ARE YELLOW. THE TAIL BLACK, AND FACE LONG. THEIR CHEEKS ARE SLIGHTLY LONGER THAN BROAD, AND THE CLYPEUS (NOSE) HAS LARGE PUNCTURES EXCEPT ON THE MID LINE. THE HAIR ON THE TOP OF THE HEAD IS BLACK, SHORT AND EVEN. MALES HAVE A YELLOW ABDOMEN WITH A BLACK HEAD AND BLACK STRIPING IN THE LOWER THORAX.



SPOTTED TURTLE

IDENTIFICATION/DESCRIPTION:

A SMALL 3-5 INCH TURTLE RECOGNIZED BY NUMEROUS YELLOW SPOTS COVERING A DARK CARAPACE. THE NUMBER OF SPOTS IS VARIABLE. SPOTS CAN ALSO BE FOUND ON THE HEAD AND LIMBS.



NORTHERN BLACK RACER

IDENTIFICATION/DESCRIPTION:

A SLENDER BLACK SNAKE MEASURING 36-60 INCHES. BLACK RACERS ARE GLOSSY BLACK ON THE TOP AND BOTTOM WITH A WHITE THROAT AND CHIN. YOUNG RACERS ARE PATTERNED WITH BROWN OR REDDISH PATCHES ON A LIGHTER BASE OF GRAY.



SMOOTH GREEN SNAKE

IDENTIFICATION/DESCRIPTION:

A THIN, SLENDER BRIGHT-GREEN SNAKE MEASURING 10-20 INCHES. THE UNDERSIDE IS WHITE OR A PALE YELLOW.



LITTLE BROWN BAT

IDENTIFICATION/DESCRIPTION:

THE LITTLE BROWN BAT IS A SMALL MAMMAL WITH A BODY LENGTH OF 2 1/2 - 4" AND WEIGHING APPROXIMATELY 1/8 TO 1/2 AN OUNCE. THE WINGSPAN OF LITTLE BROWN BATS RANGE FROM 9 - 11". BATS ARE THE ONLY MAMMALS THAT ENGAGE IN TRULY ACTIVE FLIGHT, AS THEIR NAME SUGGESTS THEY ARE GLOSSY BROWN ABOVE WITH A LIGHTER GRAY COLOR BELOW. THESE BATS CAN LIVE 20 TO 30 YEARS.



NORTHERN LONG-EARED BAT

IDENTIFICATION/DESCRIPTION:

THE NORTHERN LONG-EARED BAT IS A MEDIUM-SIZED BAT WITH A BODY LENGTH OF 3 TO 3.7 INCHES BUT A WINGSPAN OF 9 TO 10 INCHES. THEIR FUR COLOR CAN BE MEDIUM TO DARK BROWN ON THE BACK AND TAWNY TO PALE-BROWN ON THE UNDERSIDE. AS ITS NAME SUGGESTS, THIS BAT IS DISTINGUISHED BY ITS LONG EARS, PARTICULARLY AS COMPARED TO OTHER BATS IN ITS GENUS, MYOTIS.



TRI-COLORED BAT

IDENTIFICATION/DESCRIPTION:

THE TRICOLOR BAT, FORMERLY KNOWN AS THE EASTERN PIPISTRELLE (PIPISTRELLUS SUBFLAVUS), IS A SMALL BAT WEIGHING 0.2 TO 0.3 OUNCES (5 TO 8 GR) AND HAS A WINGSPAN OF 8 TO 10 INCHES. THE TERM "TRICOLOR" REFERS TO THE BAT'S YELLOWISH-BROWN COAT THAT IS DARK AT THE BASE, YELLOWISH-BROWN IN THE MIDDLE, AND DARK AT THE TIPS. THE WING MEMBRANES ARE BLACKISH, BUT THE FACE AND EARS HAVE A PINKISH COLOR. AN OBVIOUS IDENTIFYING CHARACTERISTIC OF THIS SPECIES IS THE PINK COLOR OF THE SKIN ON THE RADIUS BONE. THE FEET ARE ALSO RELATIVELY LARGE COMPARED TO ITS BODY SIZE.



EASTERN SMALL-FOOTED BAT

IDENTIFICATION/DESCRIPTION:

THE EASTERN SMALL-FOOTED BAT HAS BROWNISH FUR, OFTEN WITH A GOLDEN SHEEN, THAT CONTRASTS WITH ITS BLACKISH FACE AND EARS, AND BLACKISH-BROWN WINGS AND TAIL MEMBRANE. IT CAN BE DISTINGUISHED FROM OTHER MYOTIS SPECIES BY ITS BLACK MASK AND SMALL SIZE. THE BODY IS LITTLE MORE THAN 3/2 INCHES LONG, INCLUDING A 1 1/2-INCH TAIL. ITS SMALL FEET, WHICH PROVIDE THE COMMON NAME, ARE LESS THAN A HALF-INCH AND ITS WINGSPAN RANGES FROM 8 1/2 TO 9 1/2 INCHES. THIS SPECIES FLIES SLOWLY AND ERRATICALLY, USUALLY ABOUT ONE TO THREE YARDS ABOVE THE GROUND.



PLEASE REPORT OBSERVATIONS OF RARE TURTLES

The NH Fish & Game Department is requesting observations of the following turtle species

Turtles may be attracted to disturbed ground during nesting season (May 15th - June 30th)

Turtles are most active from April 15th - October 15th



Blanding's turtle
(State Endangered)

Large, dark/black domed shell with lighter speckles.
Distinct yellow throat/chin.
Aquatic but often moves on land.



Spotted turtle
(State Threatened)

Small, mostly aquatic with black or dark brown with yellow spots.
Fairly flat shell compared to Blanding's turtle.
Spots vary in color and number.

Fis 1401.03 (a) No person shall take or possess a spotted turtle (Clemmys guttata)...Blanding's turtle (Emydoidea blandingii)...or any egg or part thereof.

Report sightings immediately to NHFG Wildlife Division at 603-271-2461 (M-F 8-4) or to NHFG Wildlife Biologist Melissa Winters 603-479-1129 (cell) anytime.
Please report promptly, noting specific location and date - Photographs strongly encouraged



Wood Turtle

(New Hampshire Species of Special Concern)

Turtles may be attracted to disturbed ground during nesting season (May 15th - June 30th)

Turtles are most active from April 15th - October 15th



Identifying traits

- Neck and forelimbs are orange.
- Characterized by its highly sculpted shell with each large scute taking on an irregular pyramidal shape.
- Adults can be 5-8 inches long.

Habitat Use

- wooded areas near streams
- uplands surrounding streams



NOTE: It is illegal to remove a wood turtle from the wild.

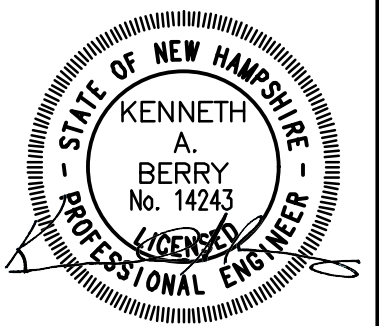
Observations shall be reported to NH Fish & Game at NHFGReview@wildlife.nh.gov or at 603-271-2461
Photo documentation, location and date/time of observation is helpful.

State laws pertaining to this species RSA 207:1, FIS 804.02, Fis 1401.03 (a)

WILDLIFE IDENTIFICATION PLAN

FOR TURBOCAM, INC.
LAND OF NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
7.4X MAP 23B, LOT 4-1

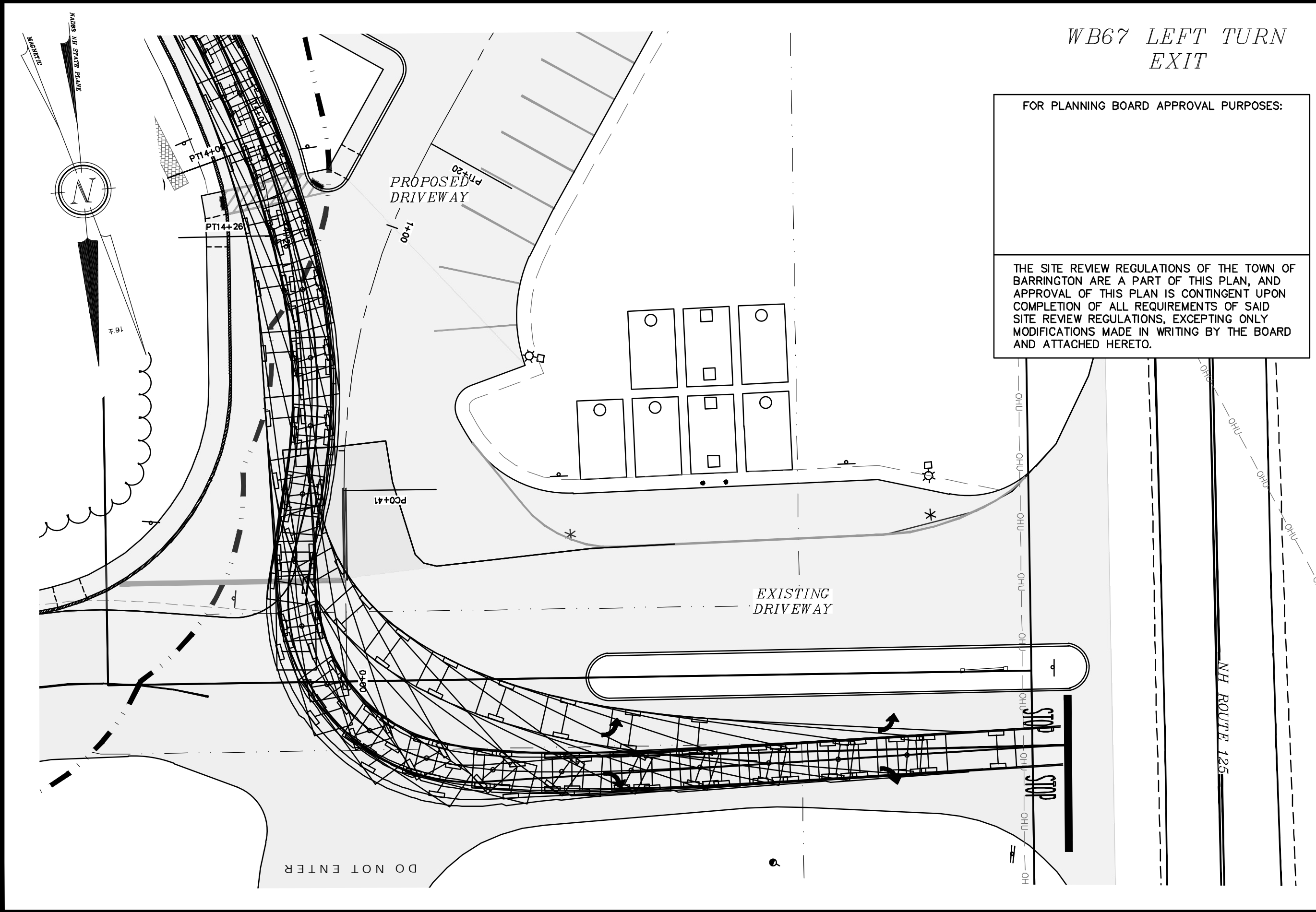
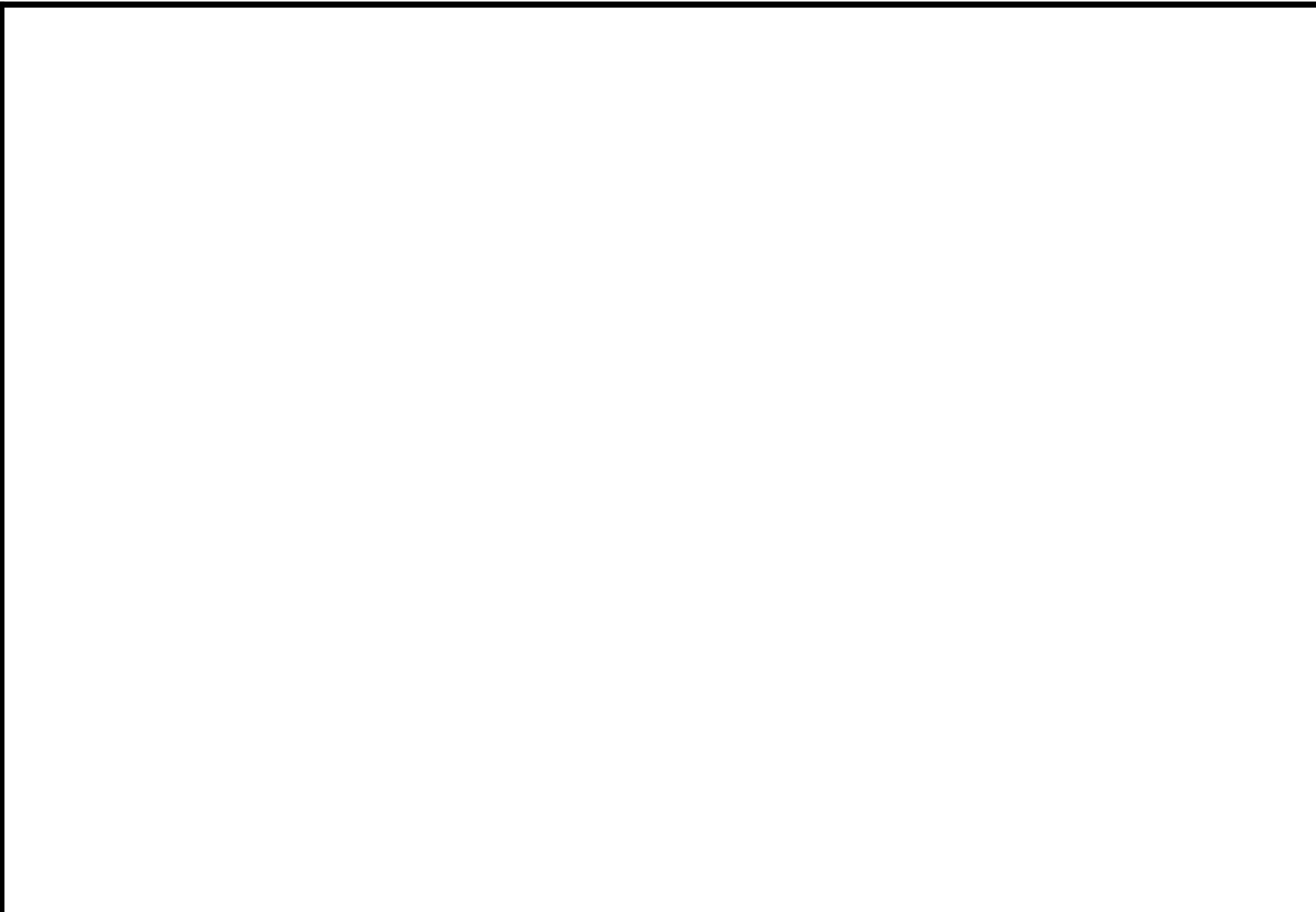
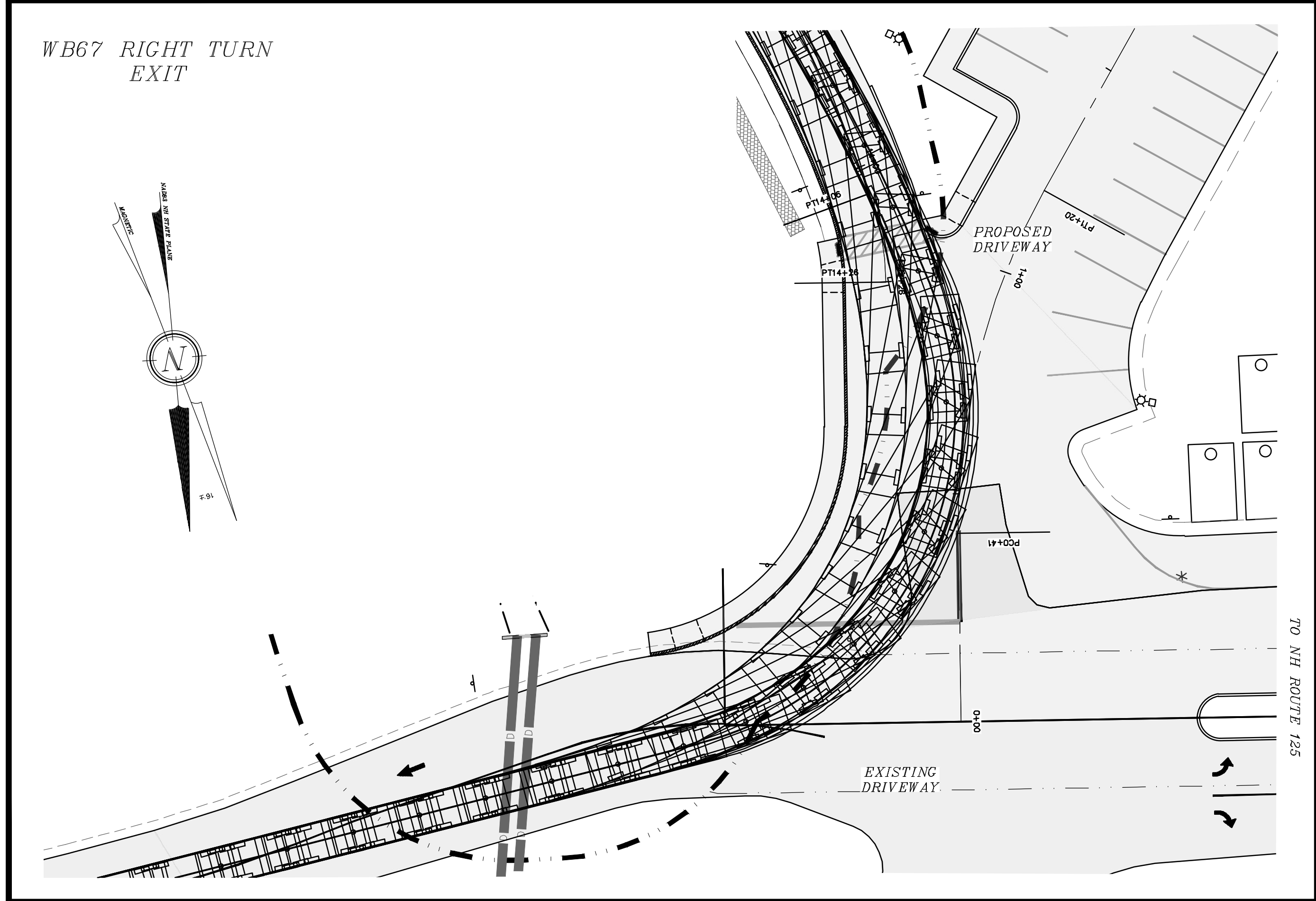
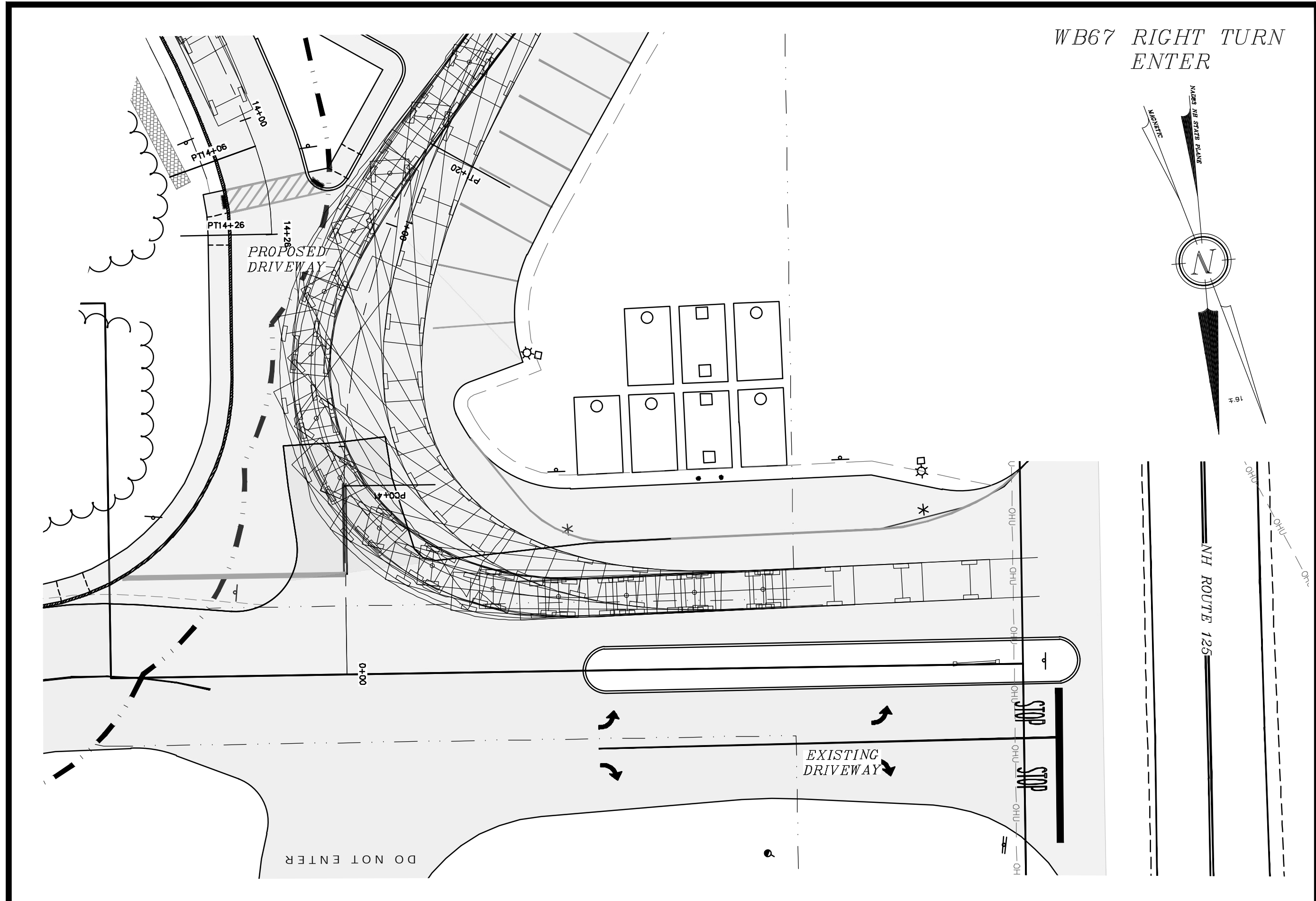
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : N/A
DATE : FEBRUARY 5, 2024
FILE NO. : DB 2023 - 017



FOR TOWN APPROVAL PURPOSES :
THE SITE REVIEW REGULATIONS OF THE TOWN OF BARRINGTON ARE A PART OF THIS PLAN, AND APPROVAL OF THIS PLAN IS CONTINGENT UPON COMPLETION OF ALL REQUIREMENTS OF SAID SITE REVIEW REGULATIONS, EXCEPTING ONLY MODIFICATIONS MADE IN WRITING BY THE BOARD AND ATTACHED HERETO.

W-101

SHEET 49 OF 51



FOR PLANNING BOARD APPROVAL PURPOSES:

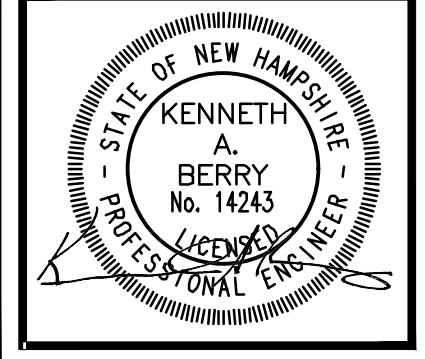
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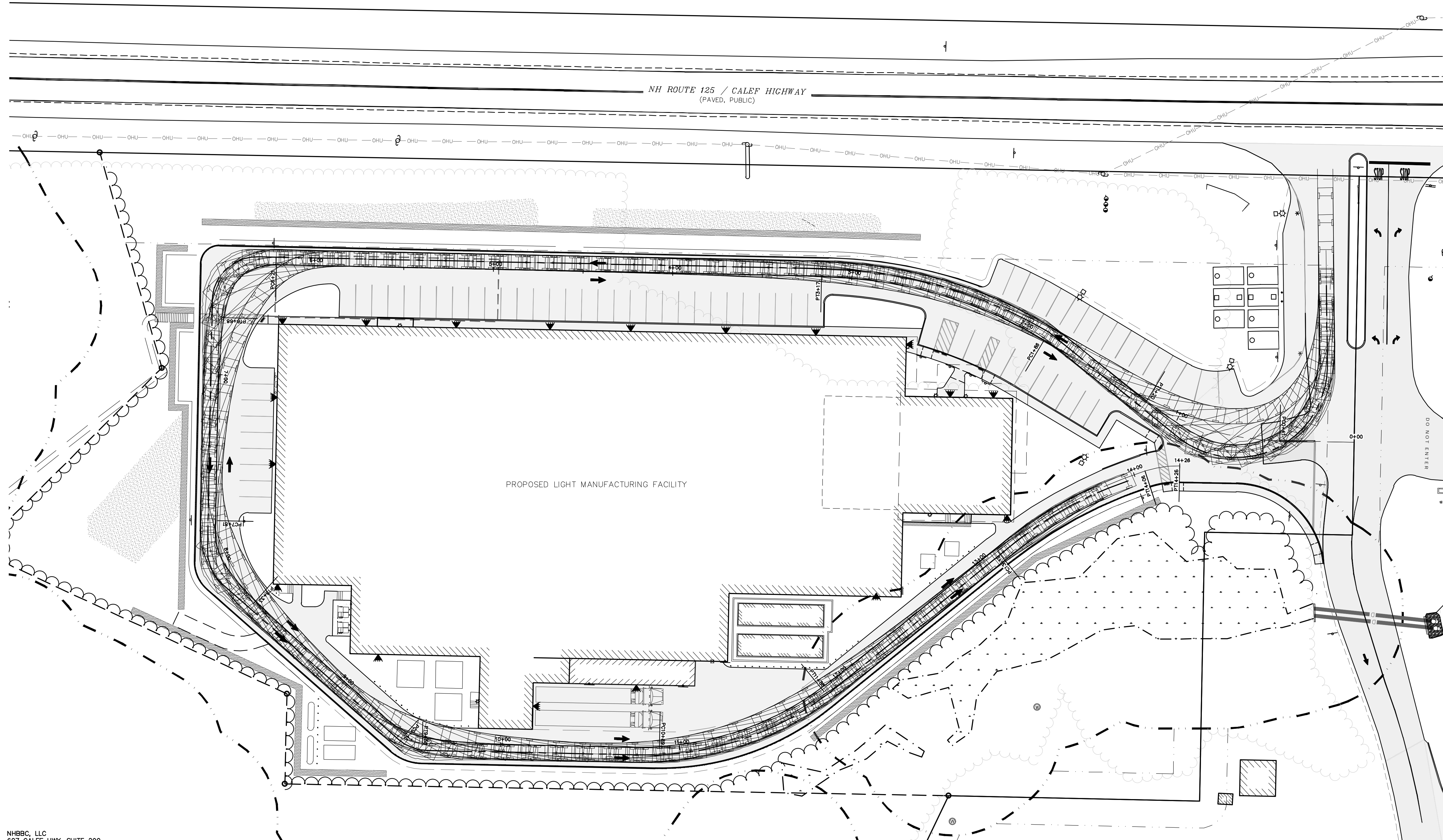
REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES

TRUCK TURN MOVEMENTS INTERSECTION

FOR TURBOCAM, INC.
LAND OF NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 23B, LOT 44-1

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : 1 IN. EQUALS 10 FT.
DATE : FEBRUARY 5, 2024
FILE NO. : DB 2023 - 017



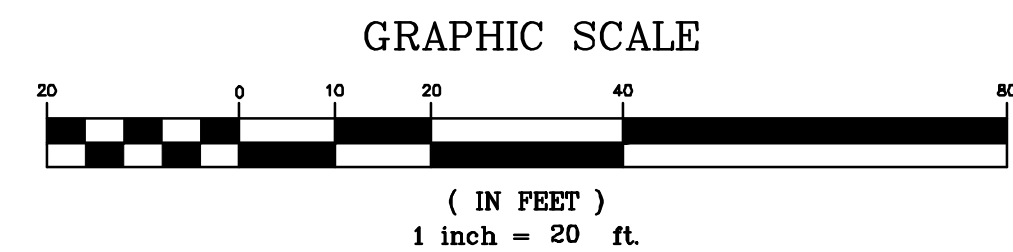
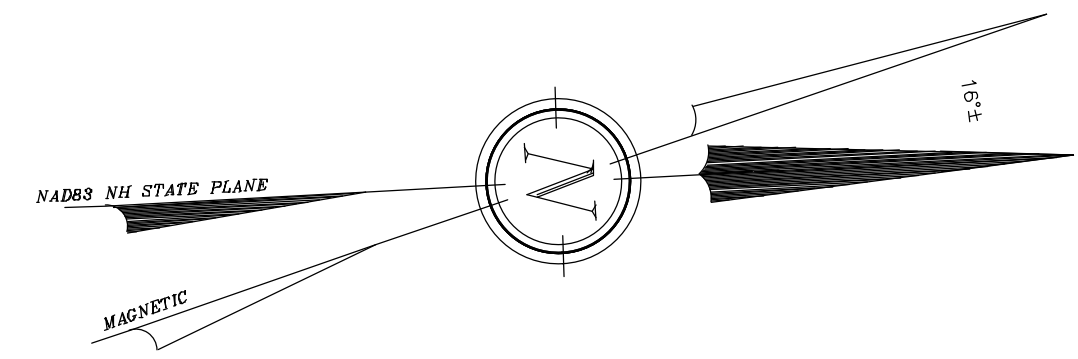


- NOTES:**
- 1.) OWNER: NHBBC, LLC
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - 1A.) APPLICANT: TURBOCAM, INC.
607 CALEF HWY, SUITE 200
BARRINGTON, NH 03825
 - 2.) TAX MAP 238, LOT 44-1
 - 3.) LOT AREA: 346,738 Sq.Ft., 7.96 Ac.
 - 4.) S.C.R.D. BOOK 3689, PAGE 754
 - 5.) THE INTENT OF THIS PLAN IS TO DEMONSTRATE THE AVAILABLE WB 67 CIRCULATION MOVEMENT AROUND THE PROPOSED DEVELOPMENT OF LOT 44-1 FROM THE EXISTING DRIVEWAY OF TURBOCAM, INC.

- LEGEND:**
- OHU — OVERHEAD UTILITIES LINE
 - TYP --- TYPICAL
 - FND --- FOUND
 - CONSERVATION EASEMENT LINE
 - POORLY DRAINED JURISDICTIONAL WETLAND
 - 50' WETLAND BUFFER
 - SIGNAGE
 - UTILITY POLE
 - GUY WIRE

FOR TOWN APPROVAL PURPOSES :

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BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (603)332-2863
SCALE : 1 IN. EQUALS 20 FT.
DATE : FEBRUARY 5, 2024
FILE NO. : DB 2023 - 017

WB67 CIRCULATION MOVEMENT
FOR
TURBOCAM, INC.
LAND OF
NHBBC, LLC
NH ROUTE 125/CALEF HIGHWAY
BARRINGTON, N.H.
TAX MAP 238, LOT 44-1

REVISION	DATE	DESCRIPTION
#1A	04-04-24	BUILDING, GRADING, DRAINAGE, UTILITY, CHANGES