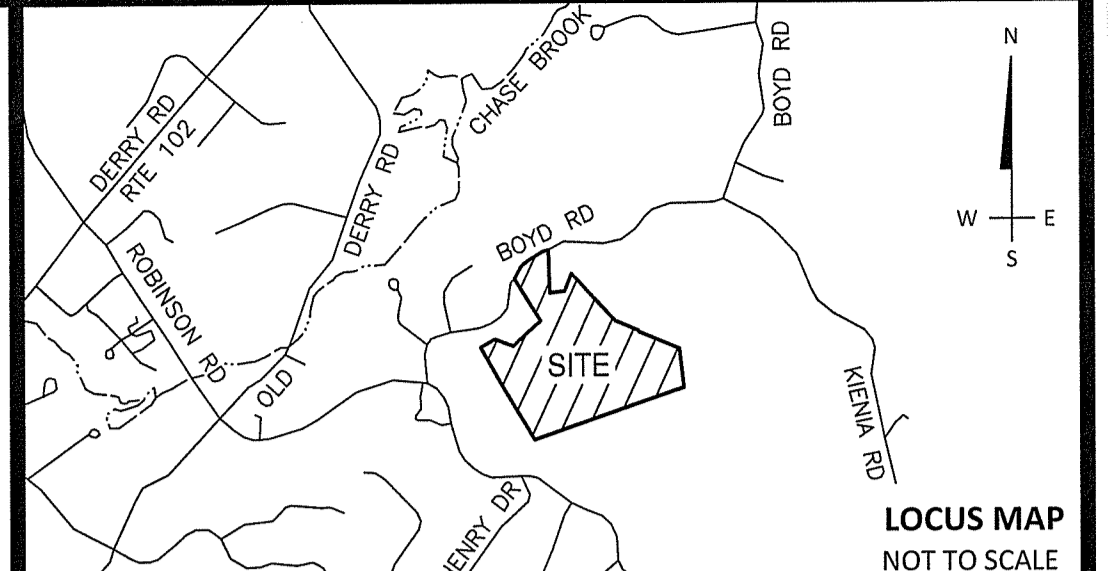


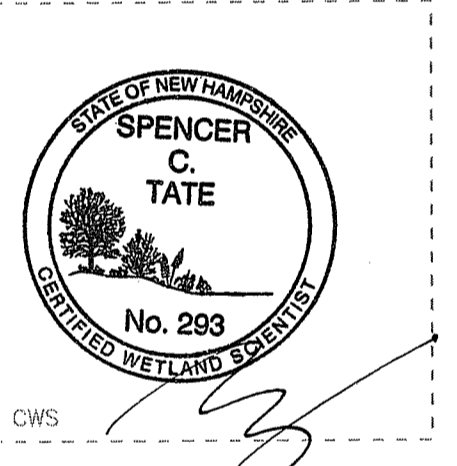
OWNER'S ACKNOWLEDGMENT:

DAN DUBOWIK
DATE _____



- REFERENCE PLANS:**
- MAP 106 LOTS 44 & 45, CONSOLIDATION AND SUBDIVISION PLAN, BOYD ROAD, HUDSON, NH 03051, SCALE: 1"=100', DATED: NOVEMBER 1, 2005, LAST REVISED 2-09-06, PREPARED BY: CUOCO & CORMIER ENGINEERING ASSOC., INC. RECORDED AT H.C.R.D. PLAN #34670.
 - SUBDIVISION PLAN, TAX LOT 42/32 FOR JULIA GRAUSLYS, SCALE: 1"=100', DATED: APRIL 22, 2002, LAST REVISED 6/18/02, PREPARED BY: ARTHUR F. SICILIANO JR., RECORDED H.C.R.D. PLAN #32627.
 - MAP 38 LOTS 9, 11, 12, 13, & 14, BOUNDARY LINE AGREEMENT PLAN, ROBINSON ROAD, HUDSON, NH, SCALE: 1"=100', DATED: APRIL 15, 2003, PREPARED BY: CUOCO & CORMIER ENGINEERING ASSOC., INC. RECORDED AT H.C.R.D. PLAN #32391.
 - SUBDIVISION PLAN - LOTS 31 & 31-1 MAP 42, DENYSE ESTATES, BOYD ROAD, HUDSON, NH, SCALE: 1"=100', DATED: JUNE 26, 1991, LAST REVISED 11/1/91, PREPARED BY: MAYNARD & PAQUETTE, INC., RECORDED H.C.R.D. PLAN #25689.
 - BOUNDARY PLAN, ROBERT FRENETTE, ET AL., SOUTH SIDE OF BOYD ROAD, HUDSON NH, SCALE: 1"=100', DATED: MARCH 22, 1975., PREPARED BY: ALLAN H. SWANSON, INC., RECORDED H.C.R.D. PLAN #8456.

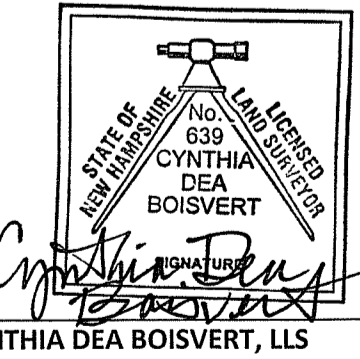
- NOTES:**
- THE PURPOSE OF THIS PLAN IS TO SHOW A TWO LOT SUBDIVISION OF MAP 106 LOT 44.
 - OWNER: DAN DUBOWIK
223 DERRY ROAD
HUDSON, NH 03051
BOOK 9464 PAGE 2328
 - TOTAL AREA: 46.65 AC. (2,032,216 S.F.)
UN-BUILDABLE AREA: 481,499 S.F.
BUILDABLE AREA: 1,550,717 S.F.
 - ZONING: G - GENERAL 1
LOT AREA= 87,120 S.F.
FRONTAGE=200 FT
SETBACKS: FRONT=30 FT, SIDE & REAR=15 FT
 - DATUM: NAD 83 - NGVD 88
 - PLAN CREATED FROM AN ON THE GROUND SURVEY BY ARAGO IN JUNE & JULY 2022 & SUPPLEMENTED WITH LIDAR CONTOURS.
 - FLOOD ZONE REFERENCE: 33011C0509D, 9/25/2009
 - WETLANDS ON LOT WERE DELINEATED IN ACCORDANCE WITH THE ARMY CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, TECHNICAL REPORT Y-87-1 AND THE NORTHEAST REGIONAL SUPPLEMENT, BY SPENCER C. TATE C.W.S. OF THIS OFFICE DURING THE MONTHS OF APRIL AND MAY 2022. TEST PIT DATA SHOWN WAS ALSO OBSERVED BY SPENCER TATE, NH SEPTIC DESIGNER OF THIS OFFICE AND INDICATES THE LAND IS SUITABLE FOR DEVELOPMENT.



PLAN INDEX:

SHEET	DESCRIPTION
1	SUBDIVISION PLAN
2	DEVELOPMENT PLAN
3	EXISTING GRAVEL DRIVEWAY PLAN & PROFILE
4	LOT 44-4 PLAN & PROFILE
5	LOT 44 BARN PLAN & PROFILE
6	LOT 44 HOUSE PLAN & PROFILE
7	SIGHT DISTANCE PLAN & PROFILE
8	FIRE DEPARTMENT ACCESS PLAN
9	CONSTRUCTION DETAILS

I HEREBY CERTIFY THAT THIS PLAN IS THE RESULT OF AN ACTUAL ON THE GROUND FIELD SURVEY AND THAT SAID SURVEY HAS A RELATIVE ERROR OF CLOSURE OF NOT LESS ACCURACY THAN ON PART IN TEN THOUSAND (1:10,000). THIS PLAN WAS PREPARED BY ME AND THOSE UNDER MY DIRECT SUPERVISION.



CYNTHIA DEA BOISVERT, LLS
DATE: JAN. 10, 2023

- LEGEND:**
- RIGHT-OF-WAY SIDELINE
 - EX. PROPERTY LINE
 - PROPOSED PROPERTY LINE
 - LIMITED COMMON AREA (LCA) LINE
 - ABUTTING LOT LINE
 - BUILDING SETBACK LINE
 - EDGE OF PAVEMENT
 - EXISTING GRAVEL ROAD
 - EDGE OF WETLANDS
 - STONE WALL
 - 10' CONTOUR INTERVAL
 - 2' CONTOUR INTERVAL
 - EXISTING TAX MAP AND LOT NUMBER
 - EXISTING BUILDING
 - EXISTING TREE LINE
 - EXISTING >25% SLOPES
 - EXISTING GRANITE BOUND FOUND
 - EXISTING DRILL HOLE FOUND/SET
 - EXISTING IRON PIN FOUND/SET
 - MONUMENT (TO BE SET)

APPROVED BY THE HUDSON, NH PLANNING BOARD

Date of Meeting: _____

Chairman: _____ Signature Date: _____

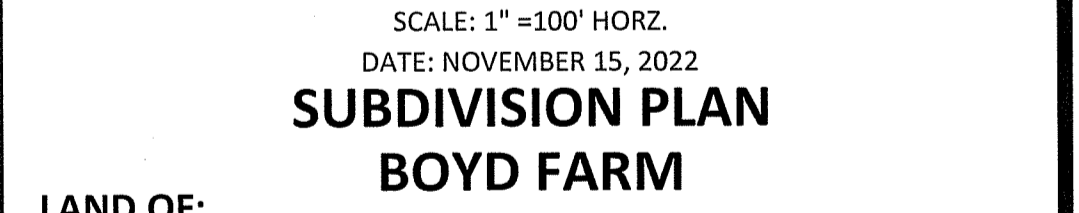
Secretary: _____ Signature Date: _____

Site PLANS are valid for two years from the date of PLANNING BOARD meeting final approval. Final approval commences at the PLANNING BOARD meeting date at which the PLAN receives final approval.

111-18
MICHAEL A. & SANDRA S. FLANAGAN
133 ROBINSON ROAD
HUDSON, NH 03051
BK 9033 PG 0787 12/06/2017

112-1
LU-JO REALTY, LLC
1F COMMONS DRIVE, SUITE 35
LONDONDERRY, NH 03053
BK 7556 PG 2814 9/26/2005

REV. #	DATE	TOWN COMMENTS	DESCRIPTION	BY
1	1/10/23			CDB



SUBDIVISION PLAN
BOYD FARM

LAND OF:
MAP 106 / LOT 44
DAN DUBOWIK
19 BOYD ROAD
HUDSON, NH 03051

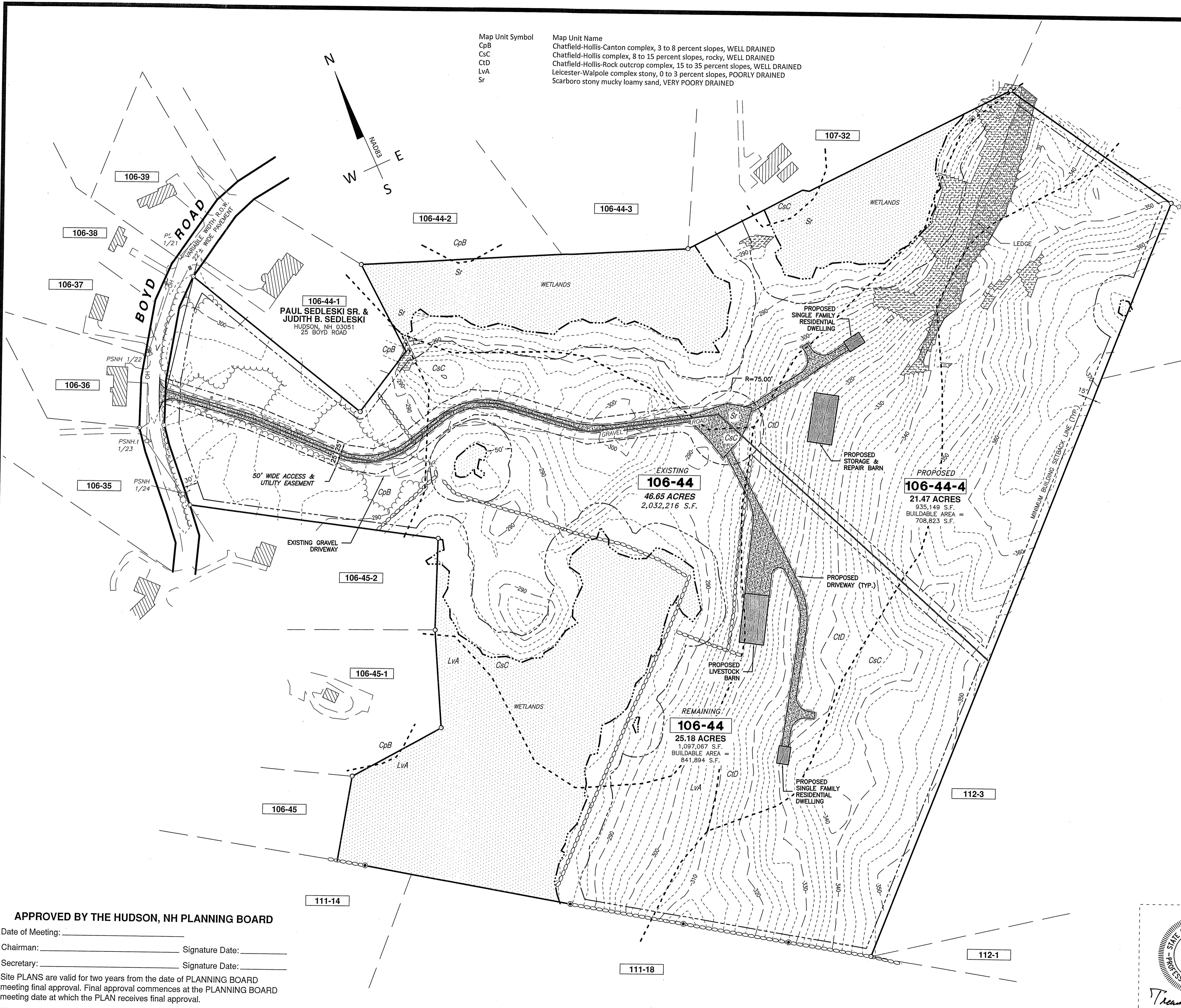
PREPARED FOR:
DAN DUBOWIK
223 DERRY ROAD
HUDSON, NH 03051



Map Unit Symbol Map Unit Name
 CpB Chatfield-Hollis-Canton complex, 3 to 8 percent slopes, WELL DRAINED
 CsC Chatfield-Hollis complex, 8 to 15 percent slopes, rocky, WELL DRAINED
 Ctd Chatfield-Hollis-Rock outcrop complex, 15 to 35 percent slopes, WELL DRAINED
 LVA Leicester-Walpole complex stony, 0 to 3 percent slopes, POORLY DRAINED
 Sr Scarborough stony mucky loamy sand, VERY POORLY DRAINED

NOTES:
 1. THE PURPOSE OF THIS PLAN IS TO SHOW POTENTIAL BUILDINGS & DRIVEWAYS ON THE PROPOSED LOTS.

- LEGEND:**
- RIGHT-OF-WAY SIDELINE
 - EX. PROPERTY LINE
 - PROPOSED PROPERTY LINE
 - LIMITED COMMON AREA (LCA) LINE
 - ABUTTING LOT LINE
 - BUILDING SETBACK LINE
 - EDGE OF PAVEMENT
 - EXISTING GRAVEL ROAD
 - EDGE OF WETLANDS
 - STONE WALL
 - 10' CONTOUR INTERVAL
 - 2' CONTOUR INTERVAL
 - EXISTING TAX MAP AND LOT NUMBER
 - EXISTING BUILDING
 - EXISTING TREE LINE
 - EXISTING >25% SLOPES
 - EXISTING GRANITE BOUND FOUND
 - EXISTING DRILL HOLE FOUND/SET
 - EXISTING IRON PIN FOUND/SET
 - MONUMENT (TO BE SET)
 - PROPOSED BUILDING
 - PROPOSED DRIVEWAY



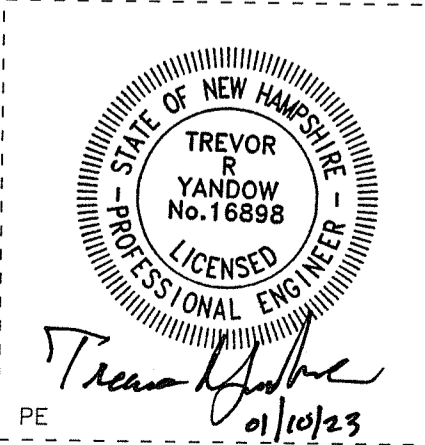
REV. #	DATE	TOWN COMMENTS DESCRIPTION	CDB BY
1	1/10/23		



SCALE: 1" = 100' HORZ.
 DATE: NOVEMBER 15, 2022
DEVELOPMENT PLAN
BOYD FARM

LAND OF:
 MAP 106 / LOT 44
DAN DUBOWIK
 19 BOYD ROAD
 HUDSON, NH 03051

PREPARED FOR:
 DAN DUBOWIK
 223 DERRY ROAD
 HUDSON, NH 03051

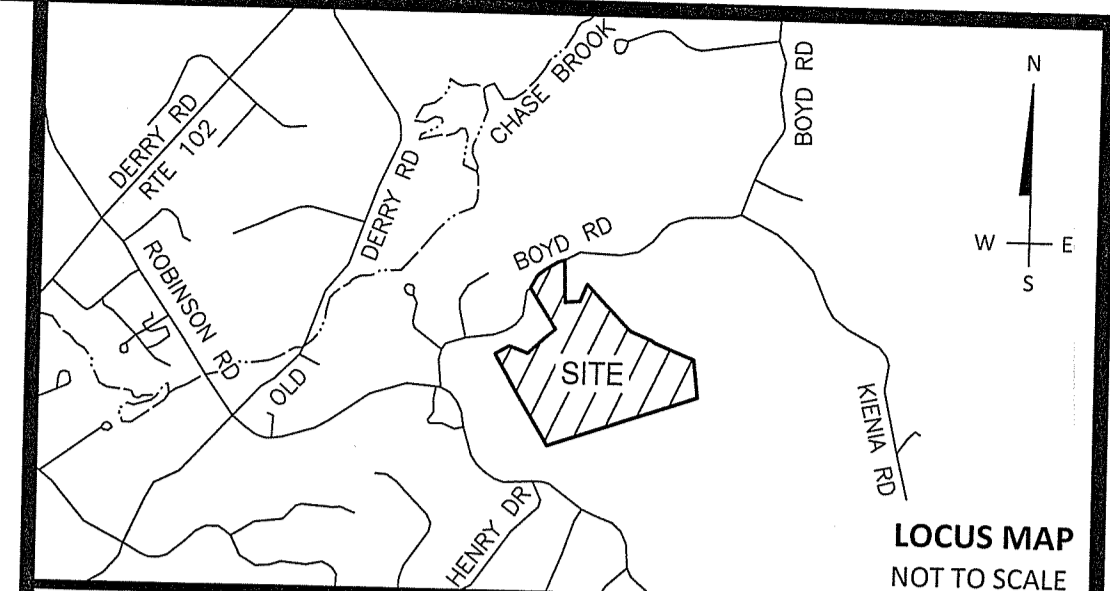
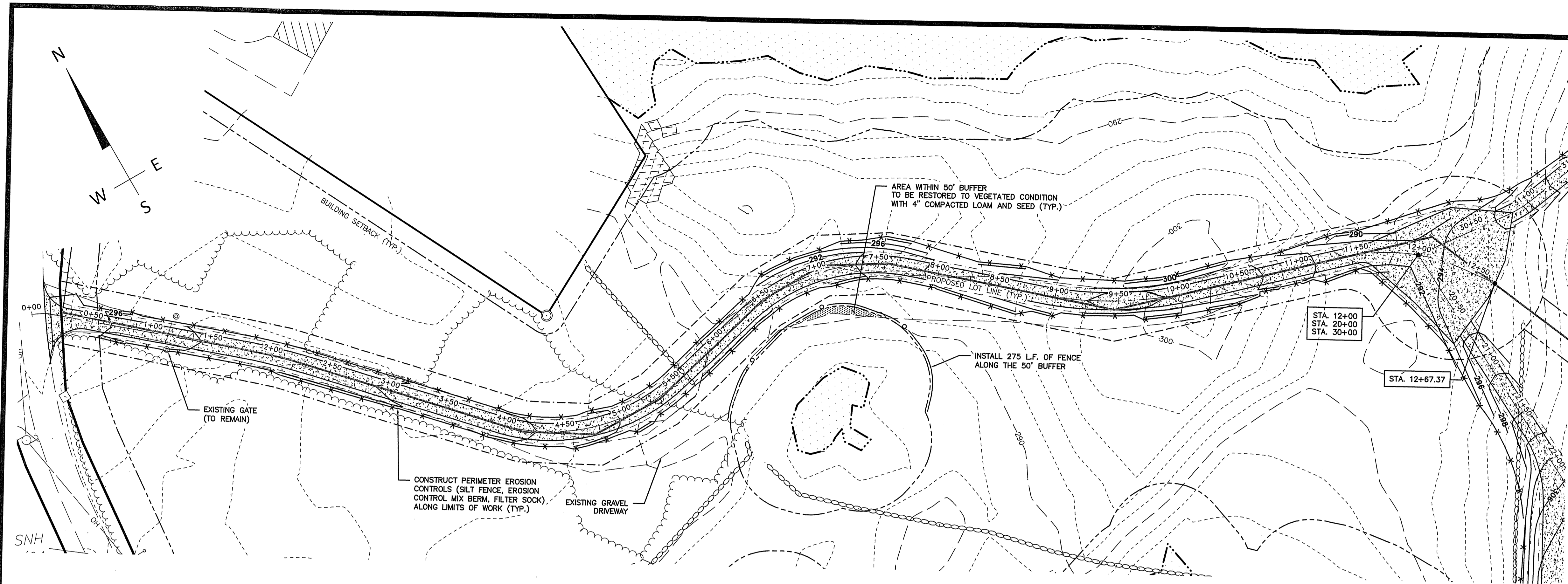


APPROVED BY THE HUDSON, NH PLANNING BOARD

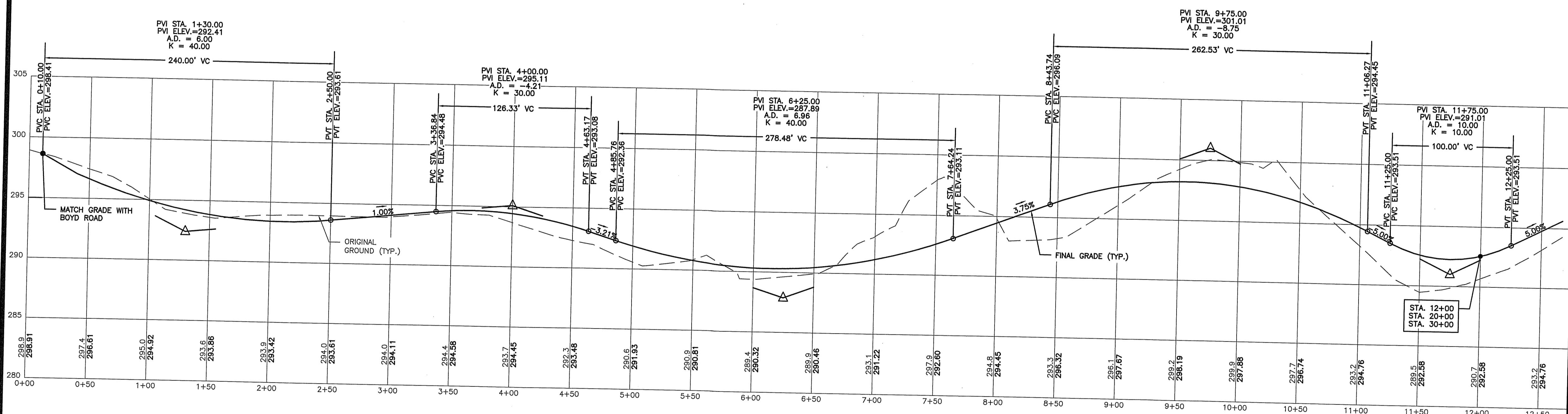
Date of Meeting: _____
 Chairman: _____ Signature Date: _____
 Secretary: _____ Signature Date: _____

Site PLANS are valid for two years from the date of PLANNING BOARD meeting final approval. Final approval commences at the PLANNING BOARD meeting date at which the PLAN receives final approval.

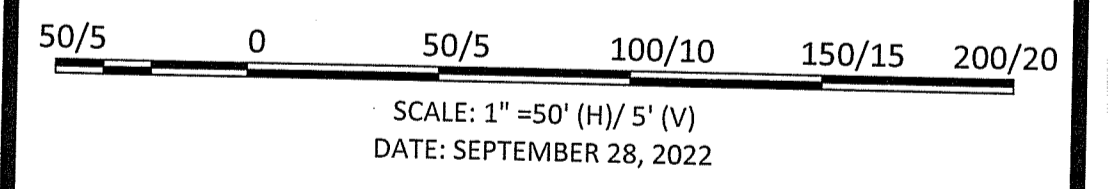
ARAGO
LAND CONSULTANTS, LLC
 31 Old Nashua Road, Suite 1, Amherst, NH 03031 (603) 732-0008



- NOTES:
1. THE PURPOSE OF THIS PLAN IS TO DEPICT THE ROADWAY PROFILE ALONG THE SHARED DRIVEWAY
 2. SEE SHARED DRIVE CROSS-SECTION DETAIL ON SHEET 9.



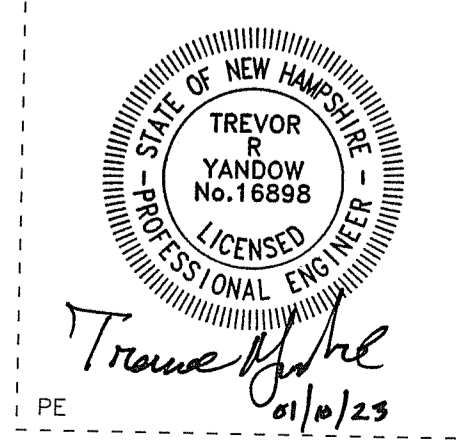
REV. #	DATE	TOWN COMMENTS DESCRIPTION	CDB BY
1	1/10/23		CDB



SHARED DRIVEWAY PLAN & PROFILE

LAND OF:
MAP 106 / LOT 44
DAN DUBOWIK
19 BOYD ROAD
HUDSON, NH 03051

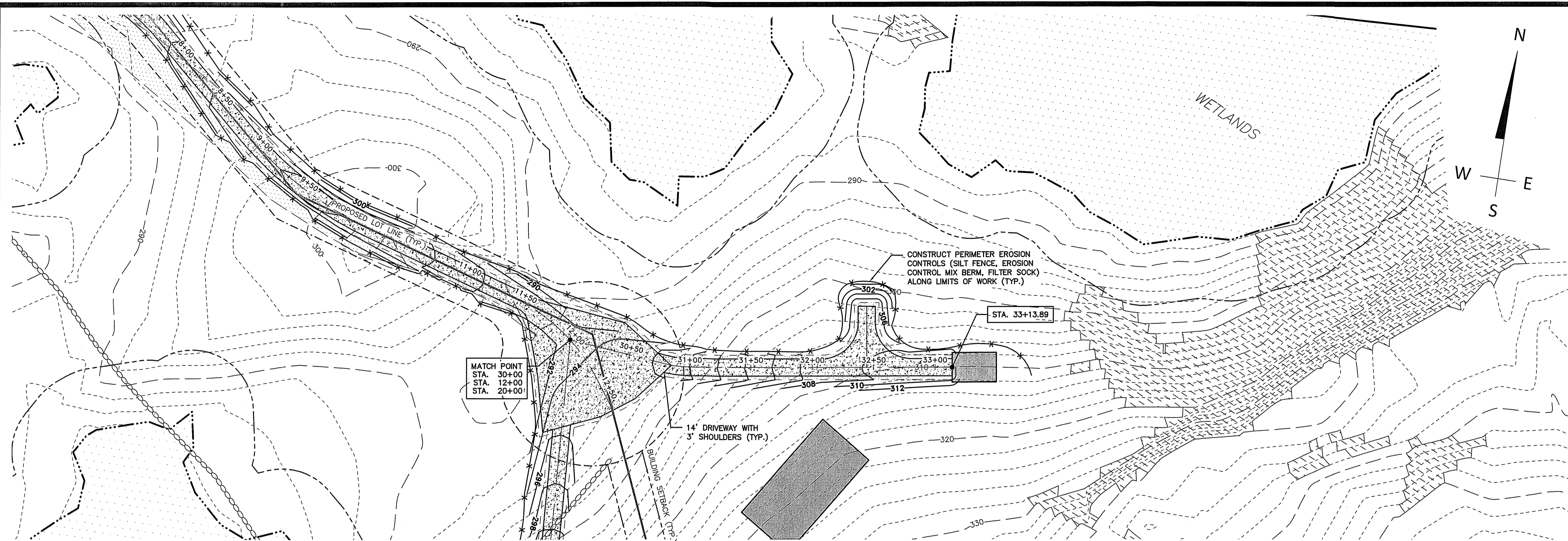
PREPARED FOR:
DAN DUBOWIK
223 DERRY ROAD
HUDSON, NH 03051



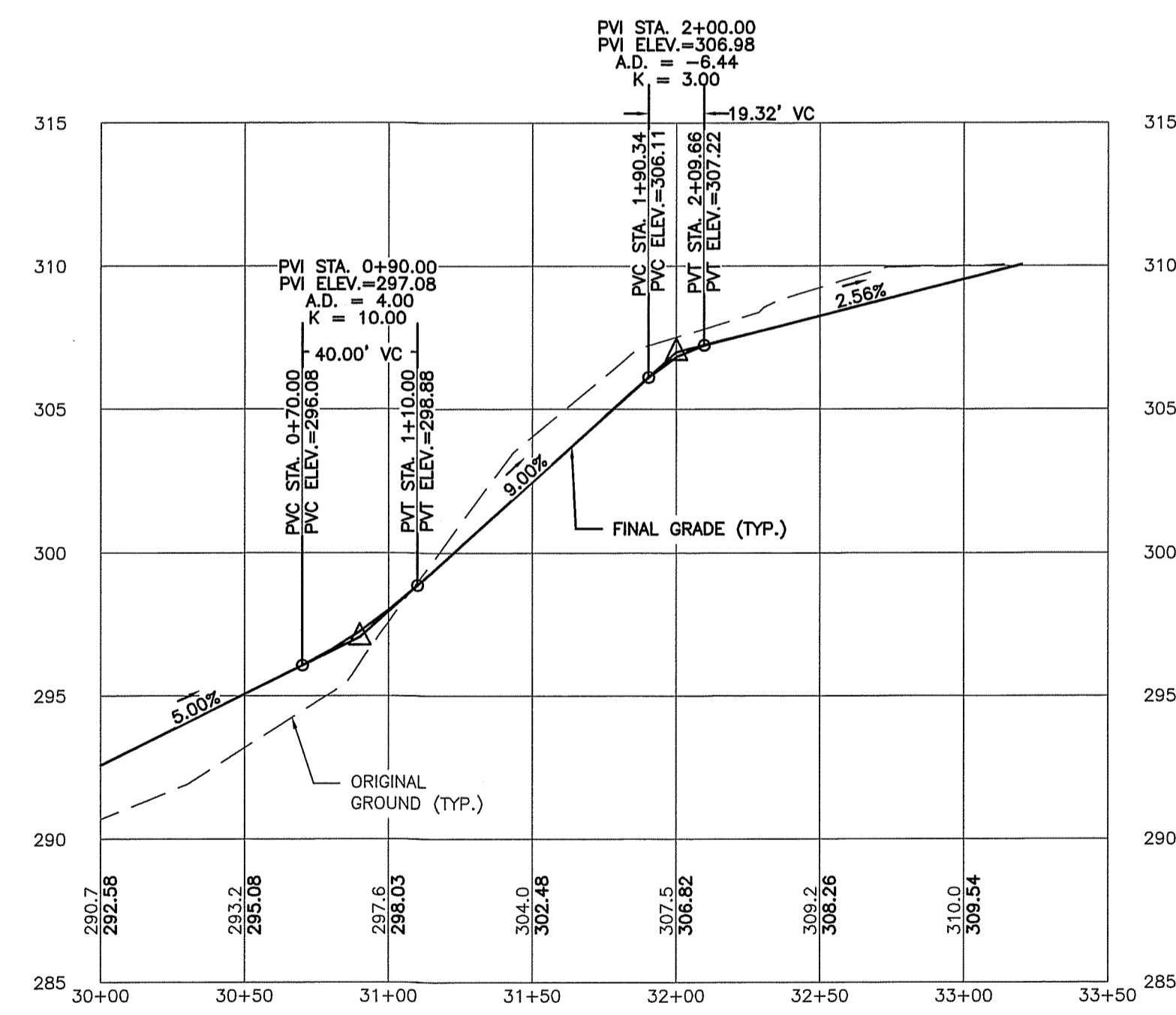
ARAGO

LAND CONSULTANTS, LLC

31 Old Nashua Road, Suite 1, Amherst, NH 03031 (603) 732-0008



NOTES:
 1. THE PURPOSE OF THIS PLAN IS TO SHOW A DRIVEWAY PLAN AND PROFILE FOR ACCESS TO LOT 44-4.



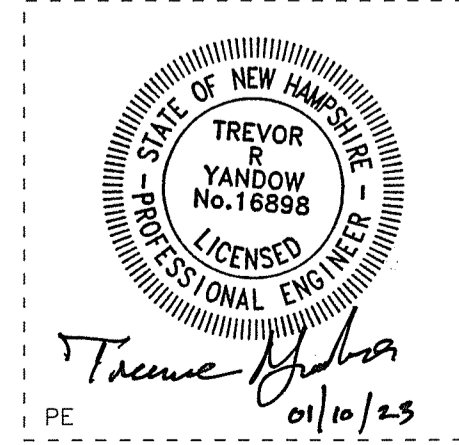
REV. #	DATE	DESCRIPTION	BY
1	1/10/23	TOWN COMMENTS	CDB

50/5 0 50/5 100/10 150/15 200/20
 SCALE: 1" = 50' (H) / 5' (V)
 DATE: NOVEMBER 15, 2022

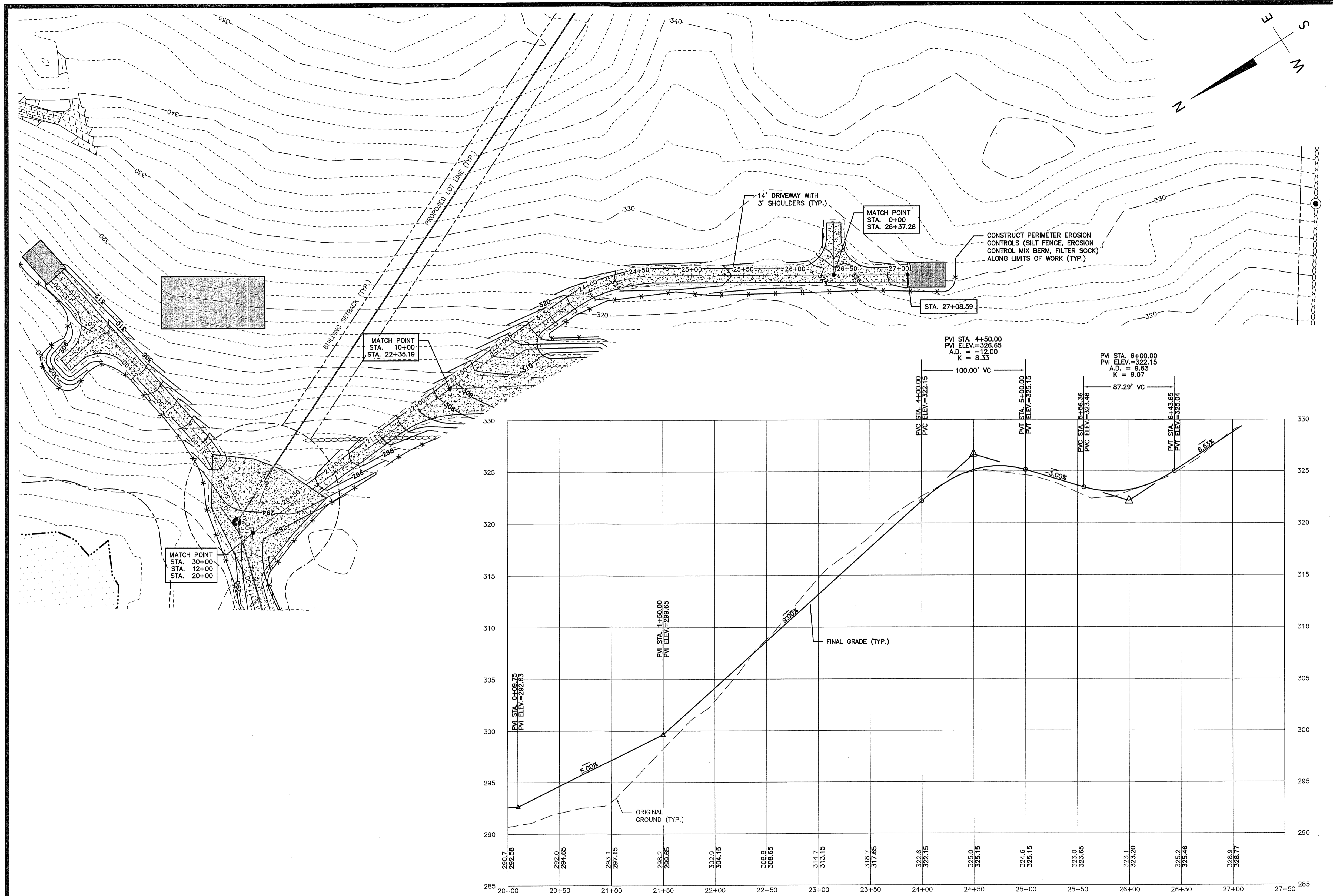
LOT 44-4 PLAN & PROFILE

LAND OF:
 MAP 106 / LOT 44
 DAN DUBOWIK
 19 BOYD ROAD
 HUDSON, NH 03051

PREPARED FOR:
 DAN DUBOWIK
 223 DERRY ROAD
 HUDSON, NH 03051

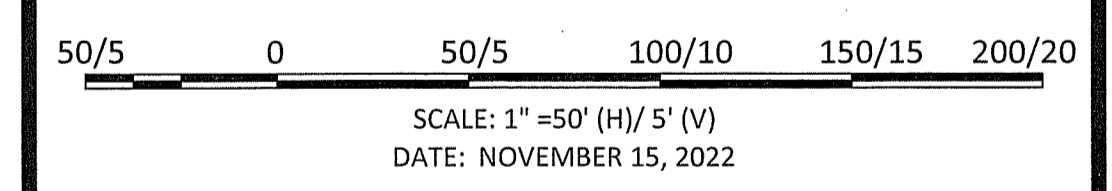


LAND CONSULTANTS, LLC
 31 Old Nashua Road, Suite 1, Amherst, NH 03031 (603) 732-0008

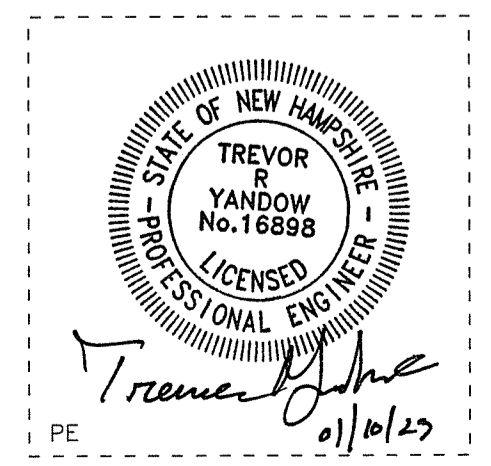


NOTES:
 1. THE PURPOSE OF THIS PLAN IS TO SHOW A DRIVEWAY PLAN AND PROFILE FOR ACCESS TO THE HOUSE ON LOT 44.

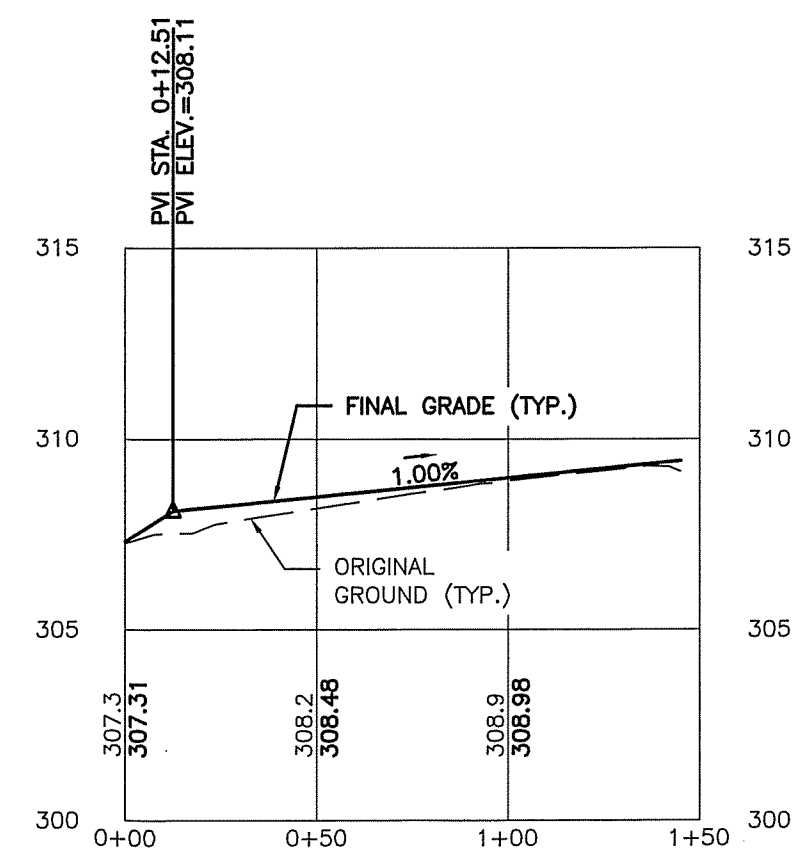
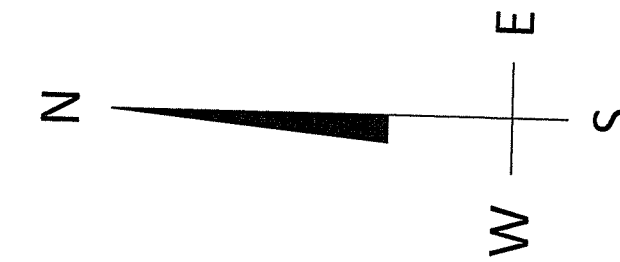
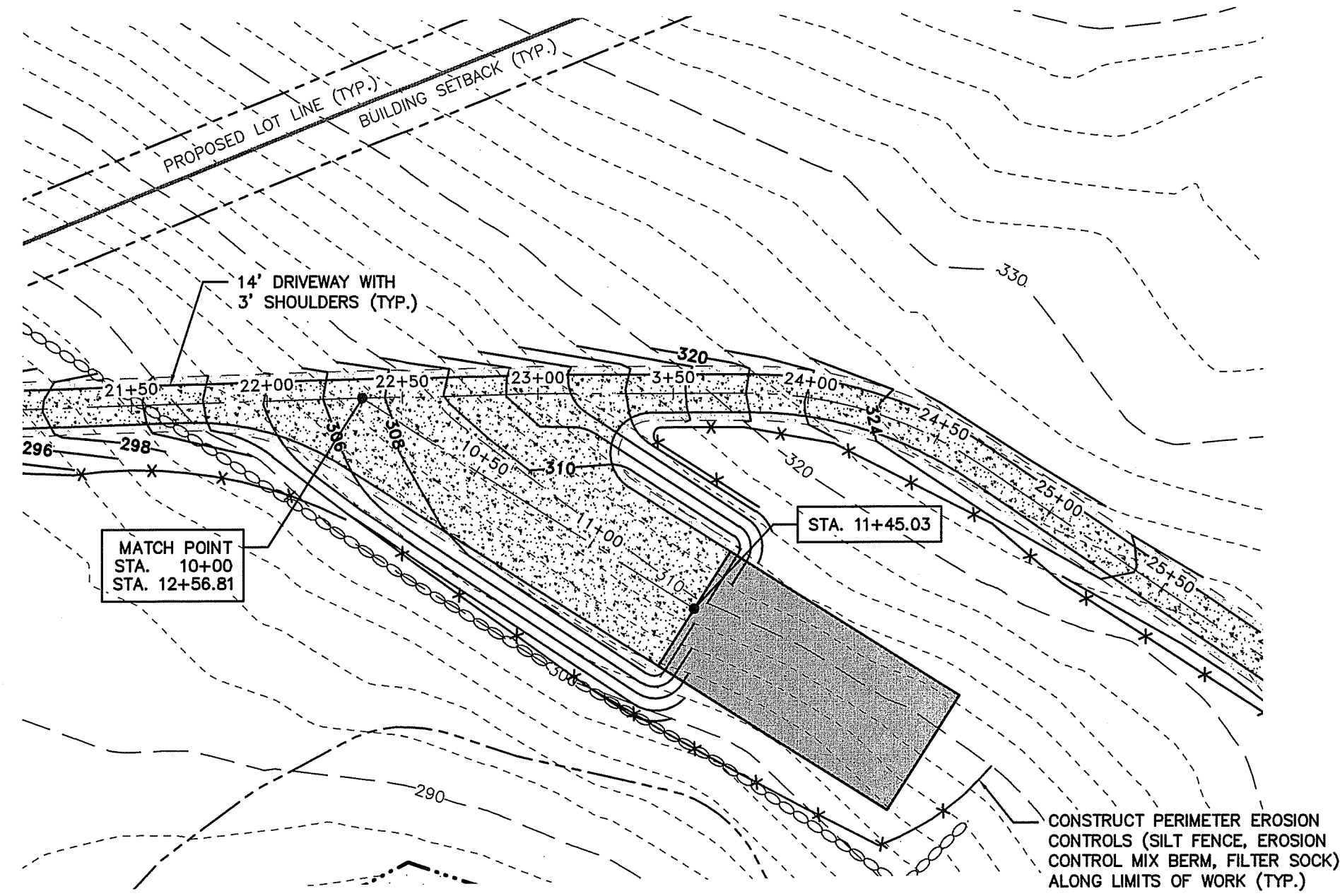
REV. #	DATE	TOWN COMMENTS DESCRIPTION	CDB BY
1	1/10/23		CDB



LOT 44 HOUSE PLAN & PROFILE
 LAND OF:
 MAP 106 / LOT 44
DAN DUBOWIK
 19 BOYD ROAD
 HUDSON, NH 03051
 PREPARED FOR:
 DAN DUBOWIK
 223 DERRY ROAD
 HUDSON, NH 03051



ARAGO
LAND CONSULTANTS, LLC
 31 Old Nashua Road, Suite 1, Amherst, NH 03031 (603) 732-0008
 FILE:11342100A.dwg | ALC NO. 109B.01 | SHEET NO. 5 OF 9



- NOTES:
1. THE PURPOSE OF THIS PLAN IS TO SHOW A DRIVEWAY PLAN AND PROFILE FOR ACCESS TO THE BARN LOT 44.

REV. #	DATE	DESCRIPTION	BY
1	1/10/23	TOWN COMMENTS	CDB

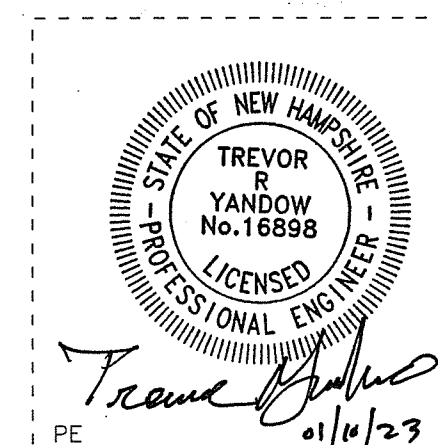


SCALE: 1" = 50' (H) / 5' (V)
DATE: NOVEMBER 15, 2022

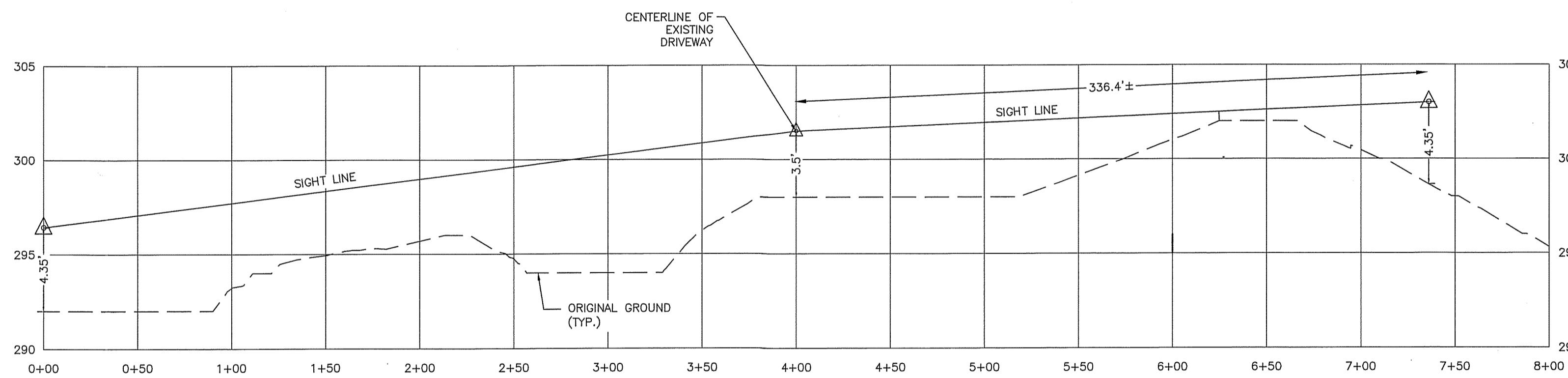
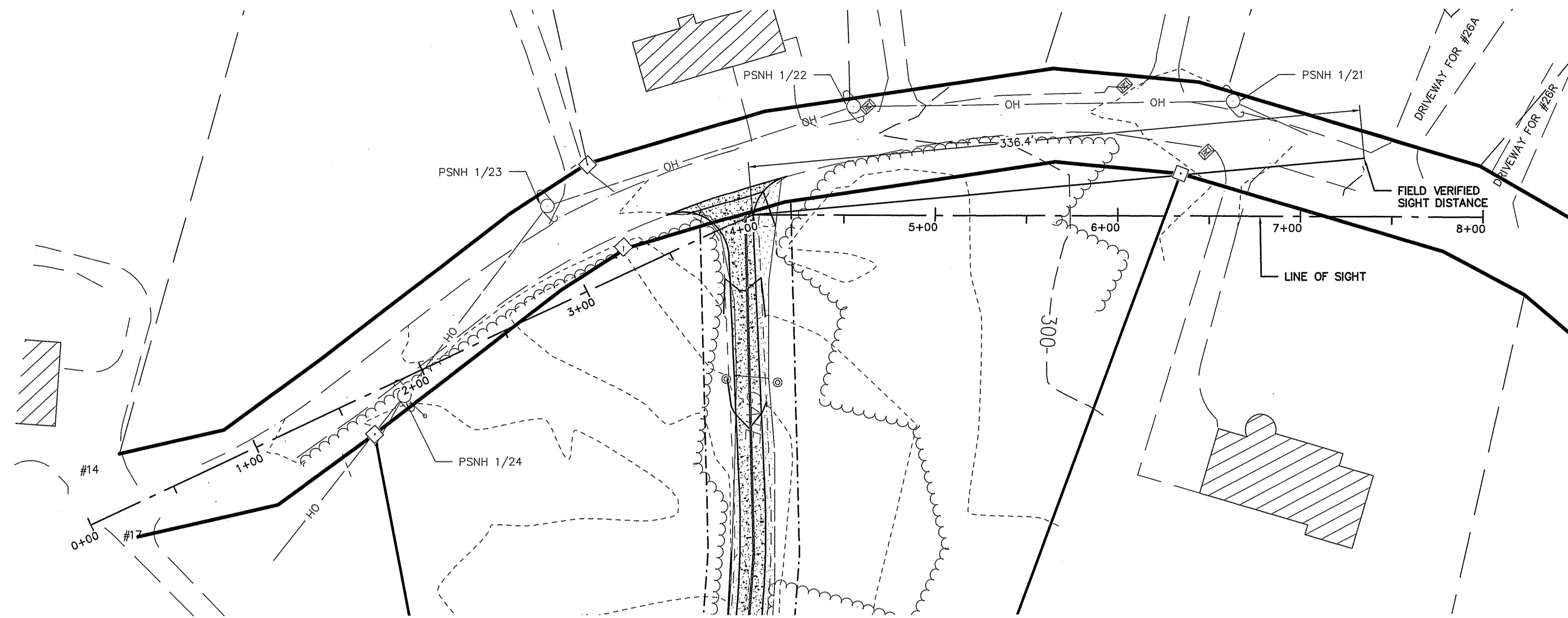
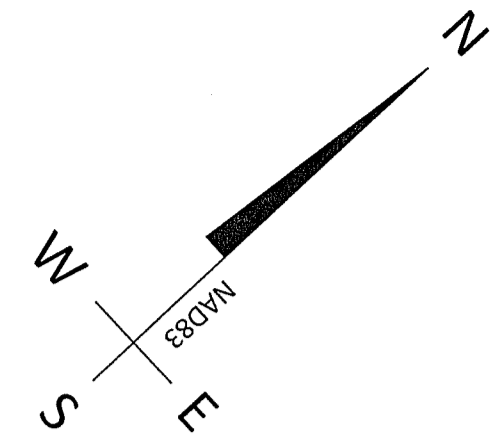
LOT 44 BARN PLAN & PROFILE

LAND OF:
MAP 106 / LOT 44
DAN DUBOWIK
19 BOYD ROAD
HUDSON, NH 03051

PREPARED FOR:
DAN DUBOWIK
223 DERRY ROAD
HUDSON, NH 03051



LAND CONSULTANTS, LLC
31 Old Nashua Road, Suite 1, Amherst, NH 03031 (603) 732-0008



NOTES:

1. THE PURPOSE OF THIS PLAN IS TO SHOW THE SIGHT DISTANCE AT THE INTERSECTION WITH BOYD ROAD.
2. SIGHT DISTANCE WAS FIELD-MEASURED BY MERIDIAN LAND SERVICES, INC. PERSONNEL ON OCTOBER 31, 2022.

REV. #	DATE	DESCRIPTION	BY
1	1/10/23	TOWN COMMENTS	CDB

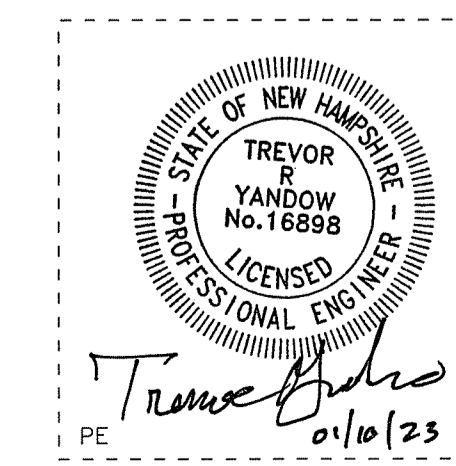


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DATE: NOVEMBER 15, 2022

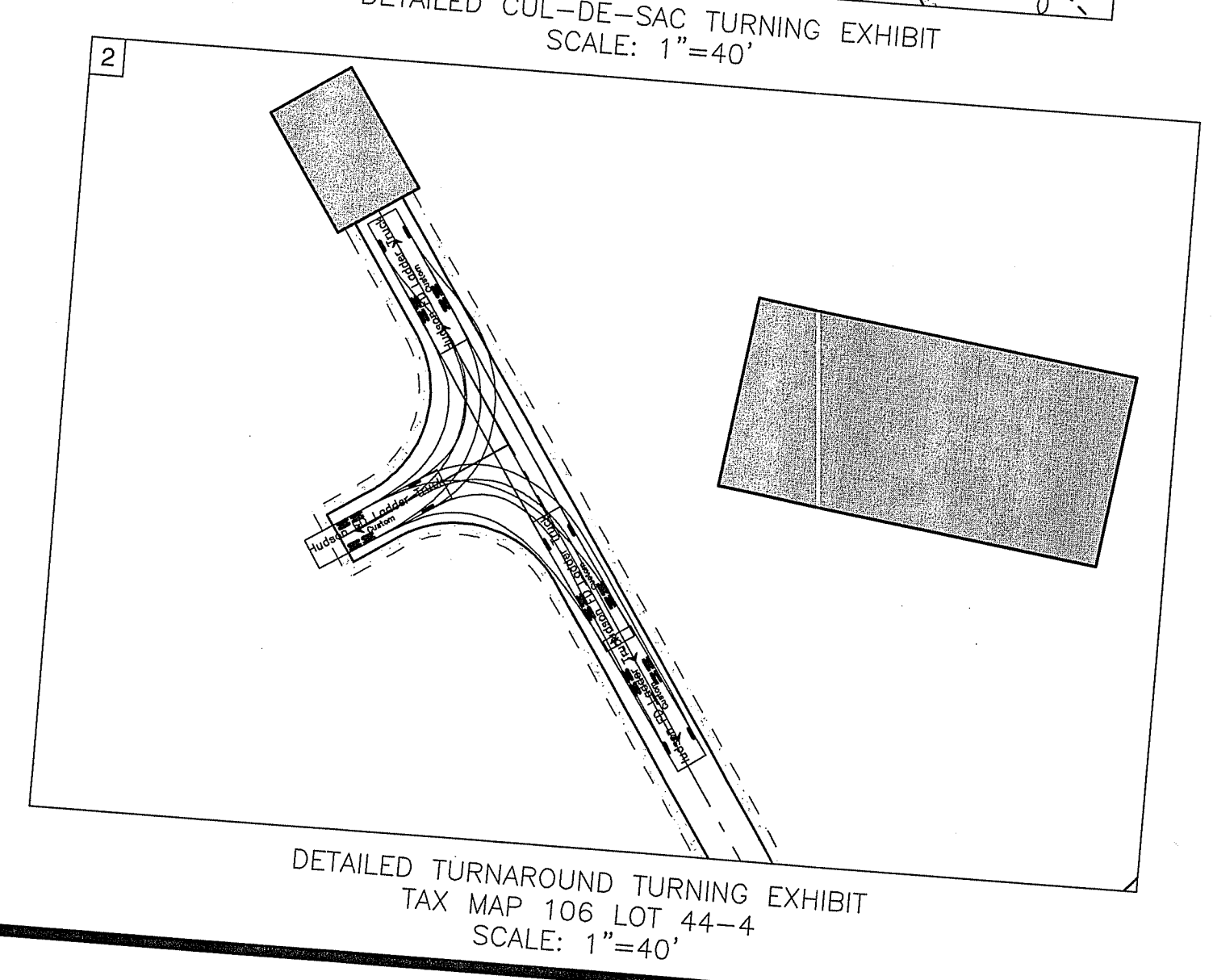
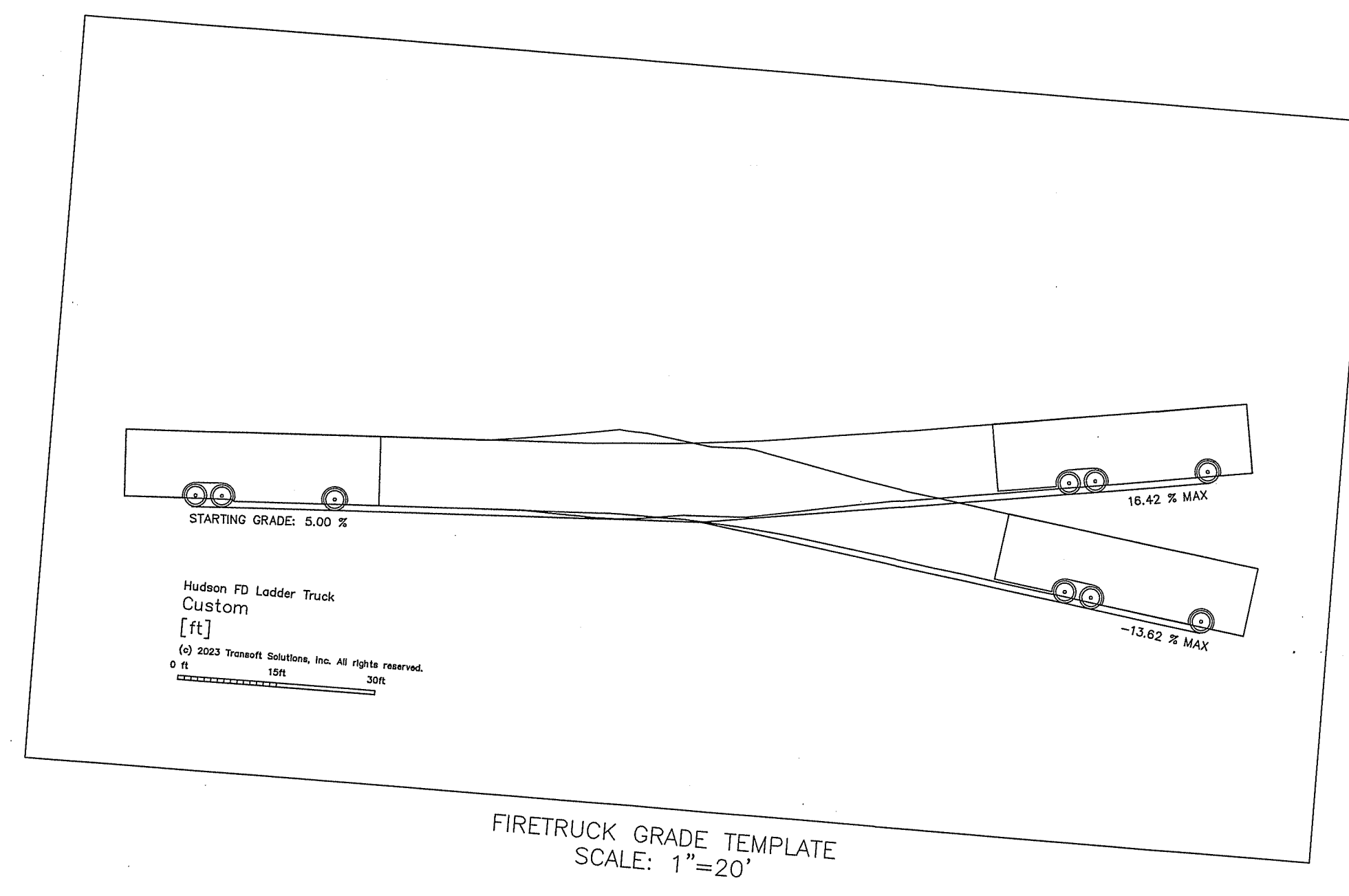
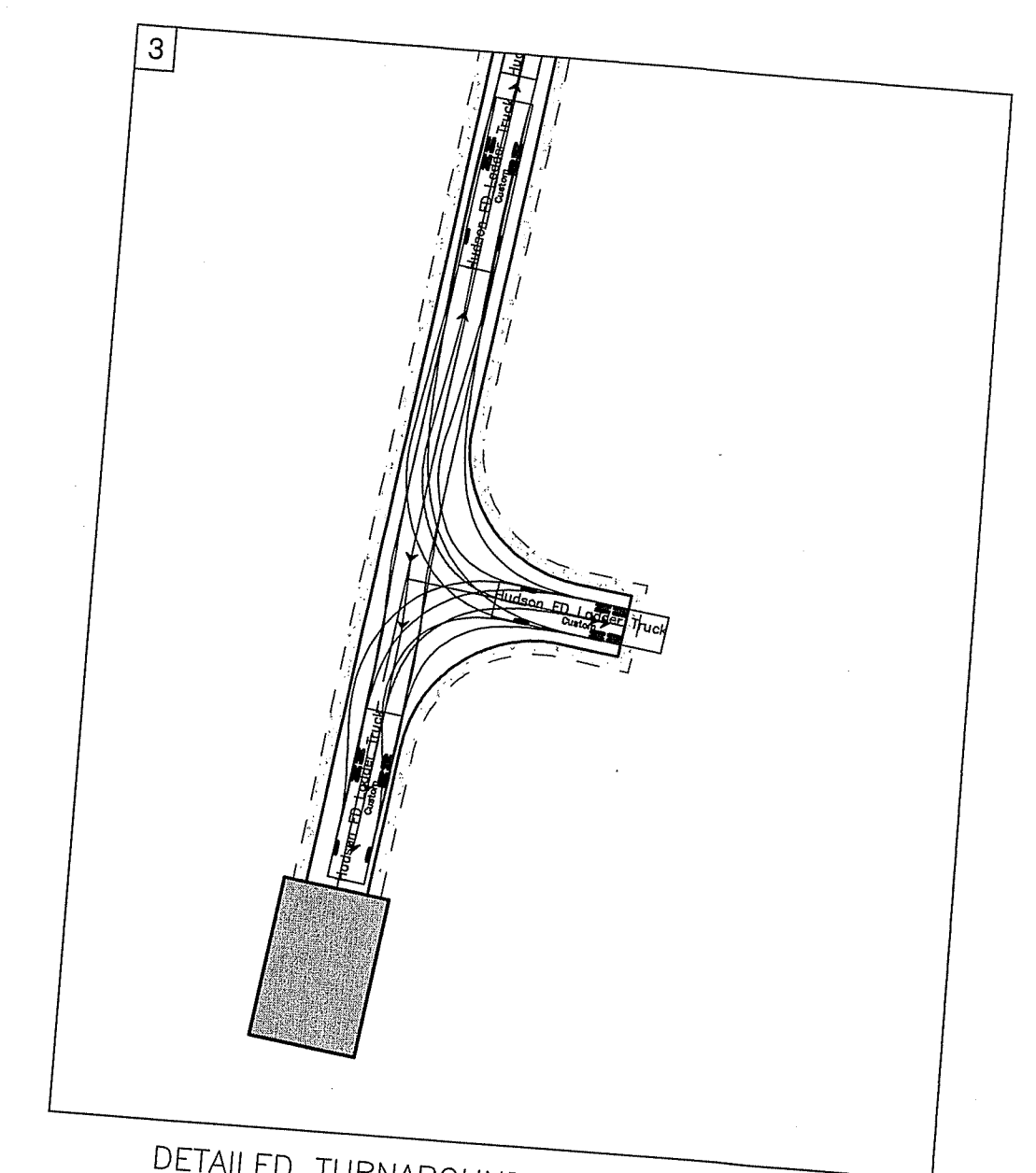
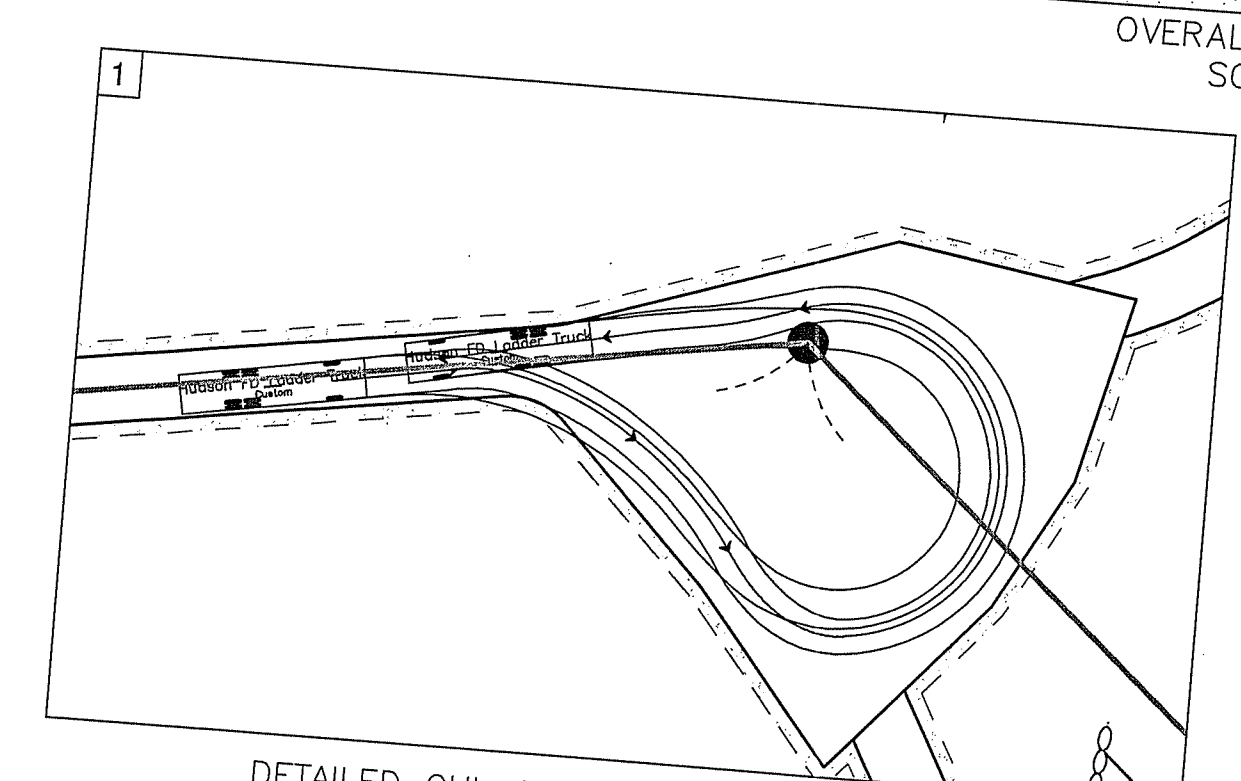
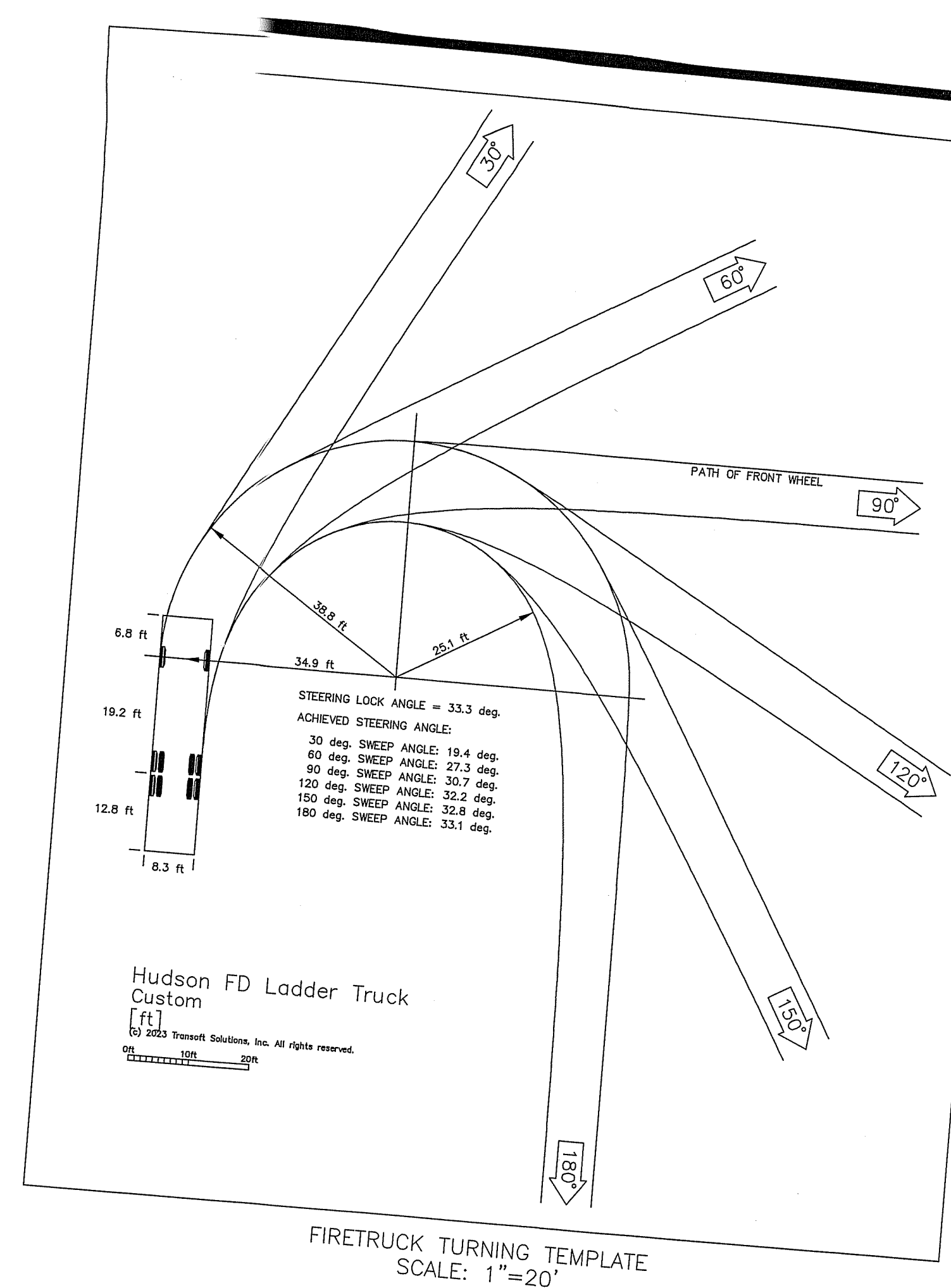
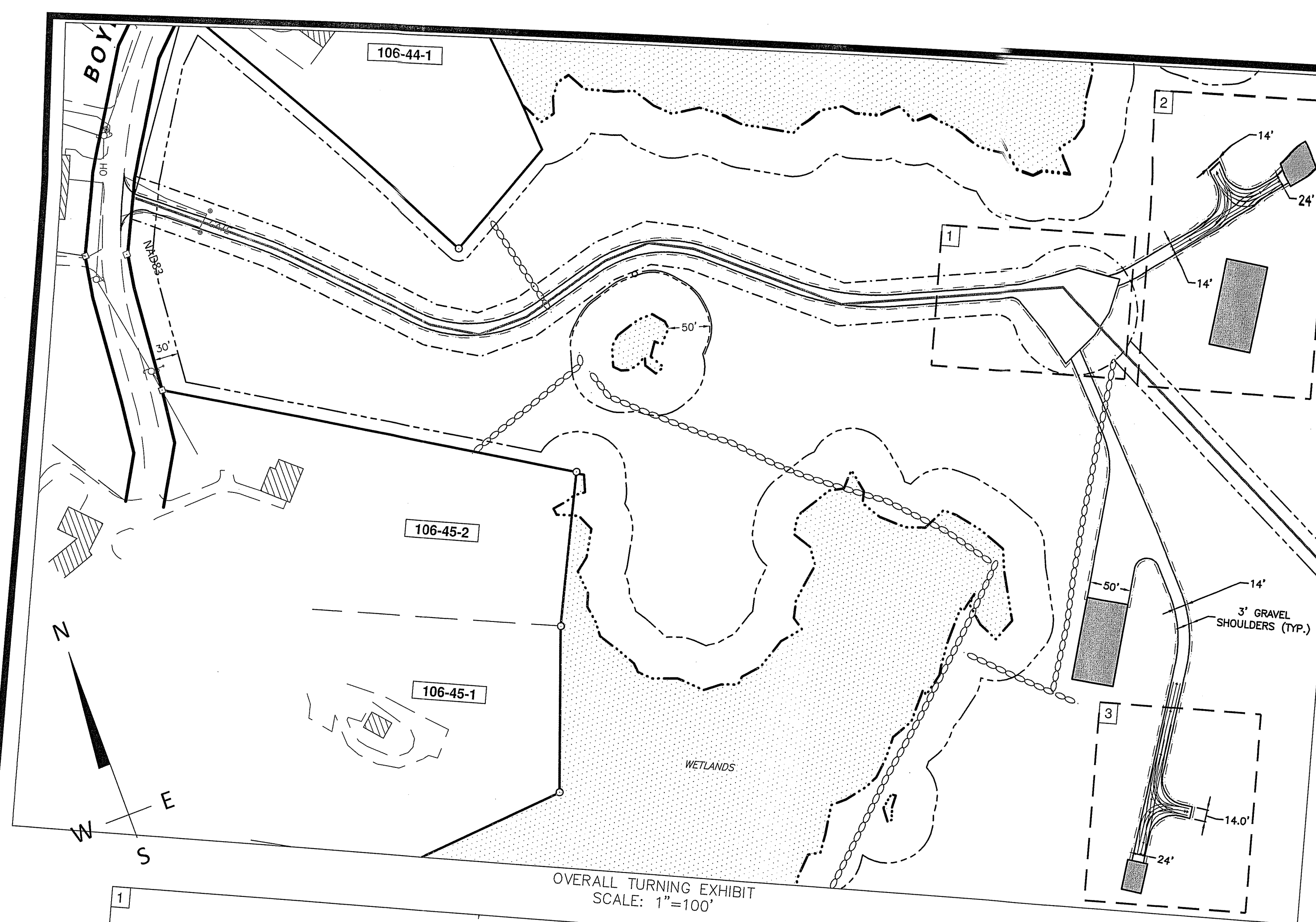
SIGHT DISTANCE PLAN & PROFILE

LAND OF:
MAP 106 / LOT 44
DAN DUBOWIK
19 BOYD ROAD
HUDSON, NH 03051

PREPARED FOR:
DAN DUBOWIK
223 DERRY ROAD
HUDSON, NH 03051



31 Old Nashua Road, Suite 1, Amherst, NH 03031 (603) 732-0008

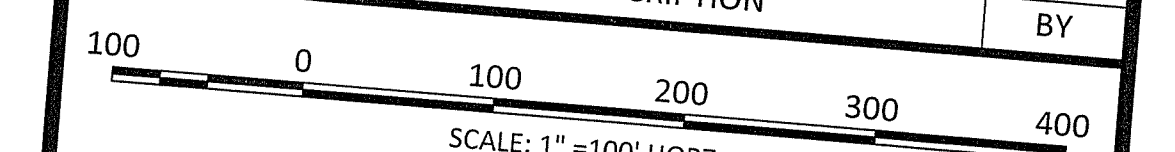


NOTES:

1. THE PURPOSE OF THIS PLAN IS TO SHOW THE TURNING MANEUVERS FOR EMERGENCY SERVICE VEHICLES.

- LEGEND:
- RIGHT-OF-WAY SIDELINE
 - EX. PROPERTY LINE
 - - - PROPOSED PROPERTY LINE
 - - - LIMITED COMMON AREA (LCA) LINE
 - - - ABUTTING LOT LINE
 - - - BUILDING SETBACK LINE
 - - - EDGE OF PAVEMENT
 - - - EXISTING GRAVEL ROAD
 - - - EDGE OF WETLANDS
 - STONE WALL
 - - - 10' CONTOUR INTERVAL
 - - - 2' CONTOUR INTERVAL
 - 106-44 EXISTING TAX MAP AND LOT NUMBER
 - ▭ EXISTING BUILDING
 - ▭ EXISTING TREE LINE
 - ▨ EXISTING >25% SLOPES
 - EXISTING GRANITE BOUND FOUND
 - EXISTING DRILL HOLE FOUND/SET
 - EXISTING IRON PIN FOUND/SET
 - MONUMENT (TO BE SET)
 - ▭ PROPOSED BUILDING
 - ▭ PROPOSED GRAVEL DRIVE

REV. #	DATE	TOWN COMMENTS DESCRIPTION	CDB BY
1	1/10/23		

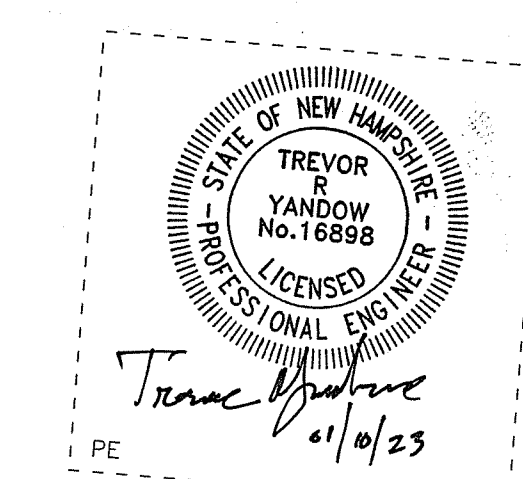


SCALE: 1"=100' HORZ.
DATE: NOVEMBER 15, 2022

**FIRE DEPARTMENT ACCESS PLAN
BOYD FARM**

LAND OF:
MAP 106 / LOT 44
DAN DUBOWIK
19 BOYD ROAD
HUDSON, NH 03051

PREPARED FOR:
DAN DUBOWIK
223 DERRY ROAD
HUDSON, NH 03051

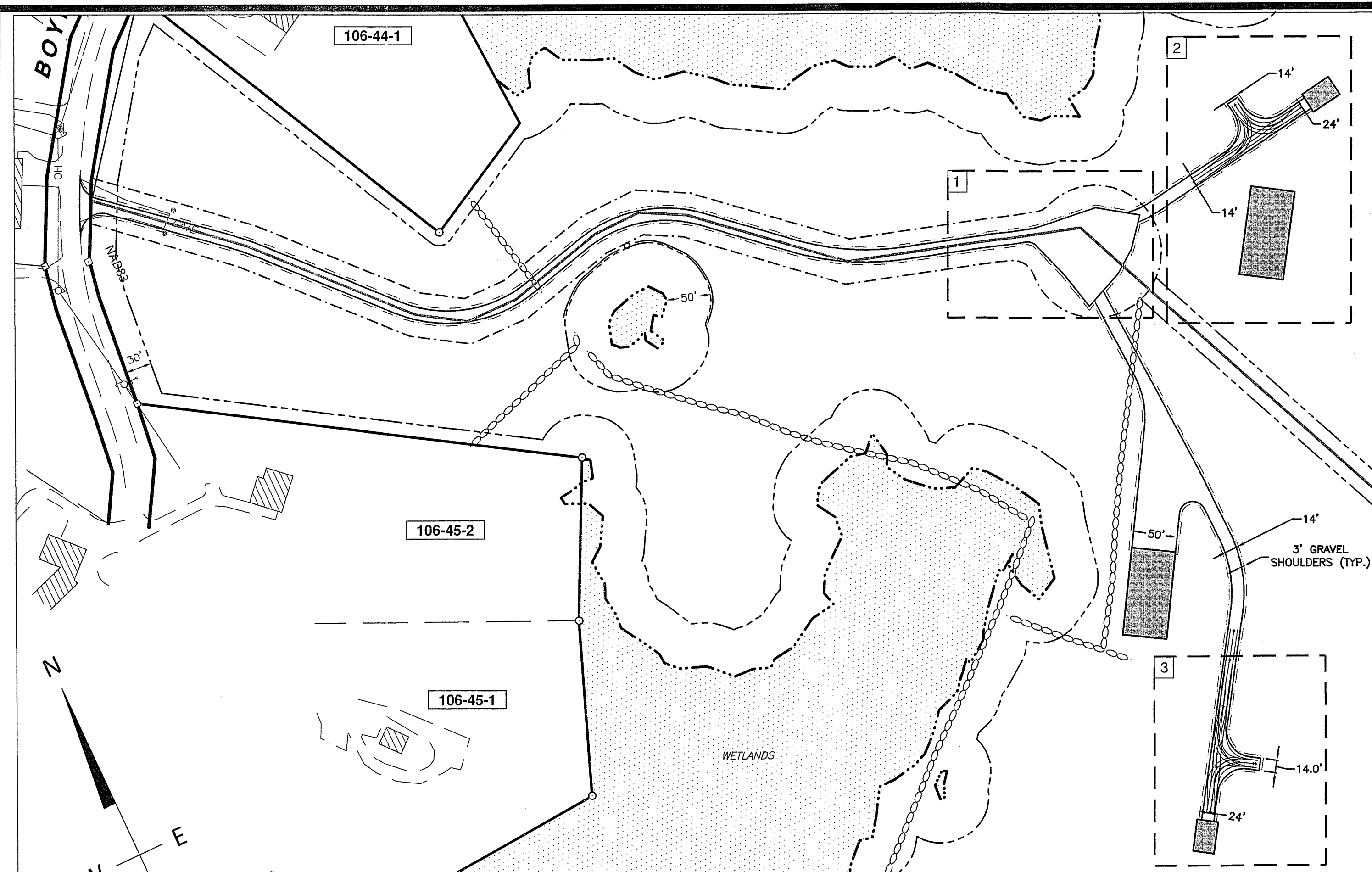


ARAGO

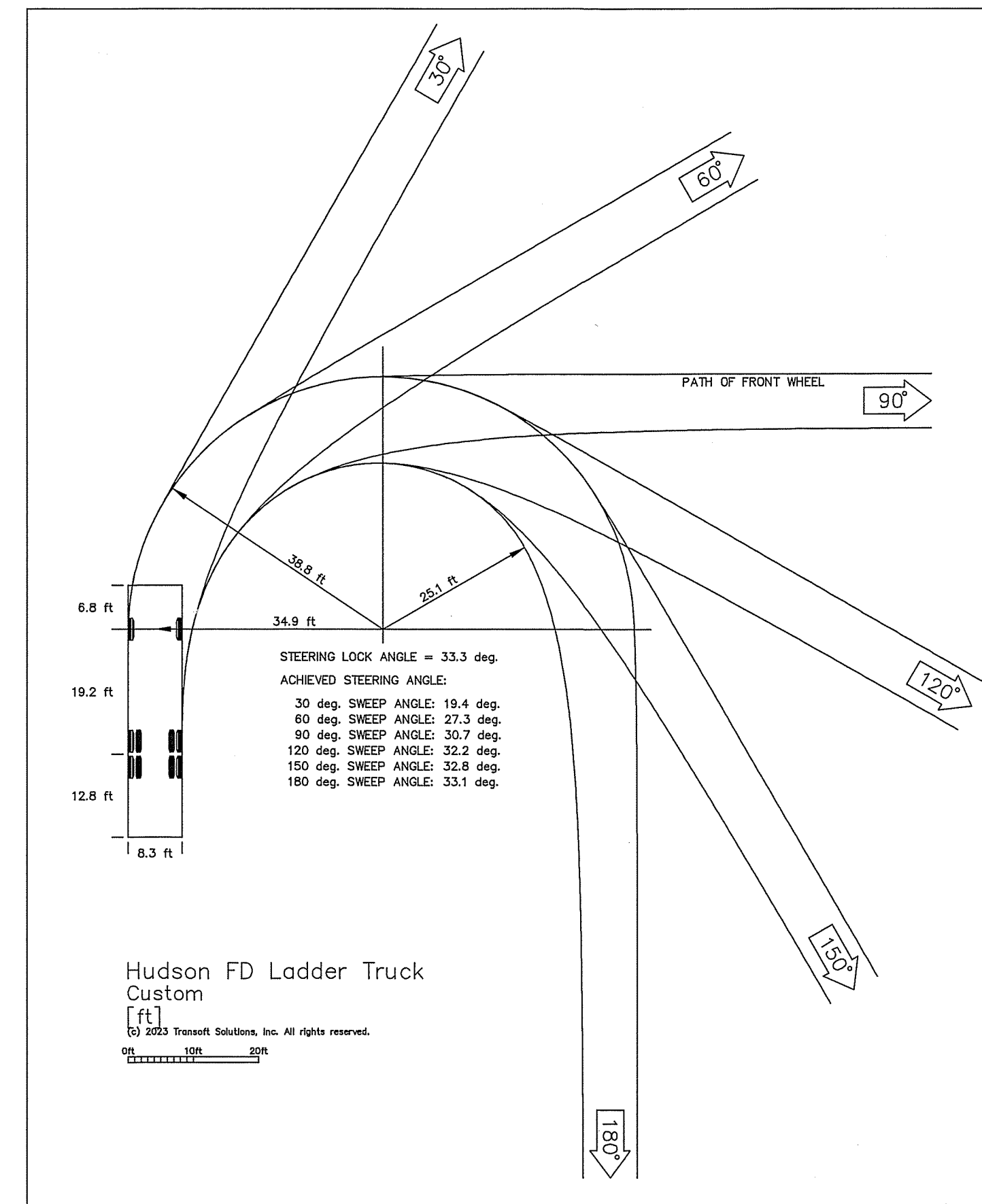
LAND CONSULTANTS, LLC

31 Old Nashua Road, Suite 1, Amherst, NH 03031 (603) 732-0008

FILE:11342100A.dwg ALC NO. 1098 01



OVERALL TURNING EXHIBIT
SCALE: 1"=100'



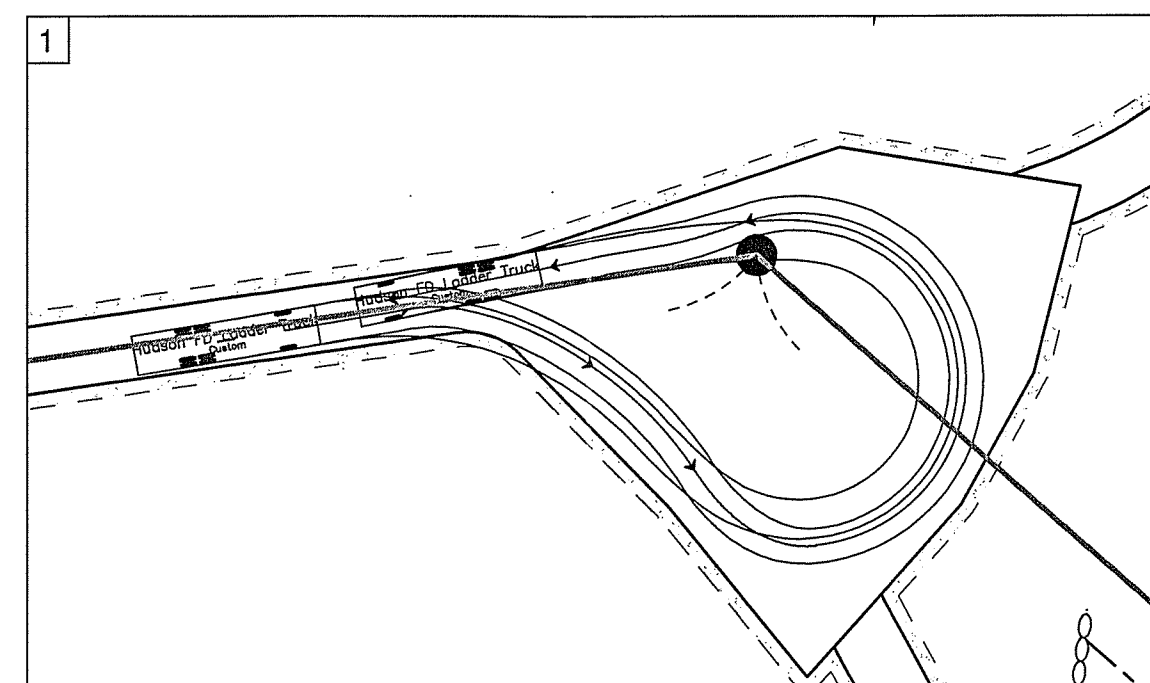
FIRETRUCK TURNING TEMPLATE
SCALE: 1"=20'

NOTES:

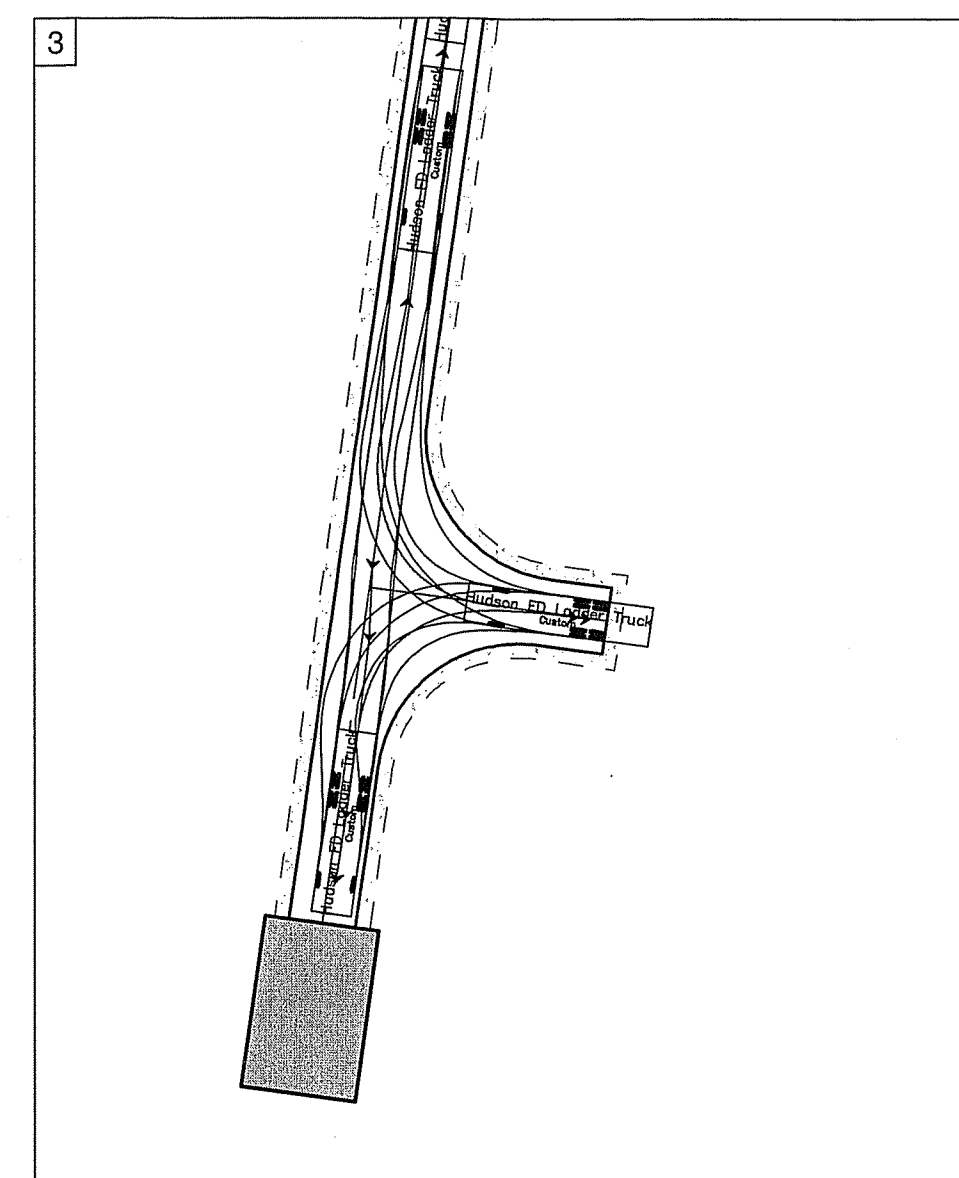
- THE PURPOSE OF THIS PLAN IS TO SHOW THE TURNING MANEUVERS FOR EMERGENCY SERVICE VEHICLES.

LEGEND:

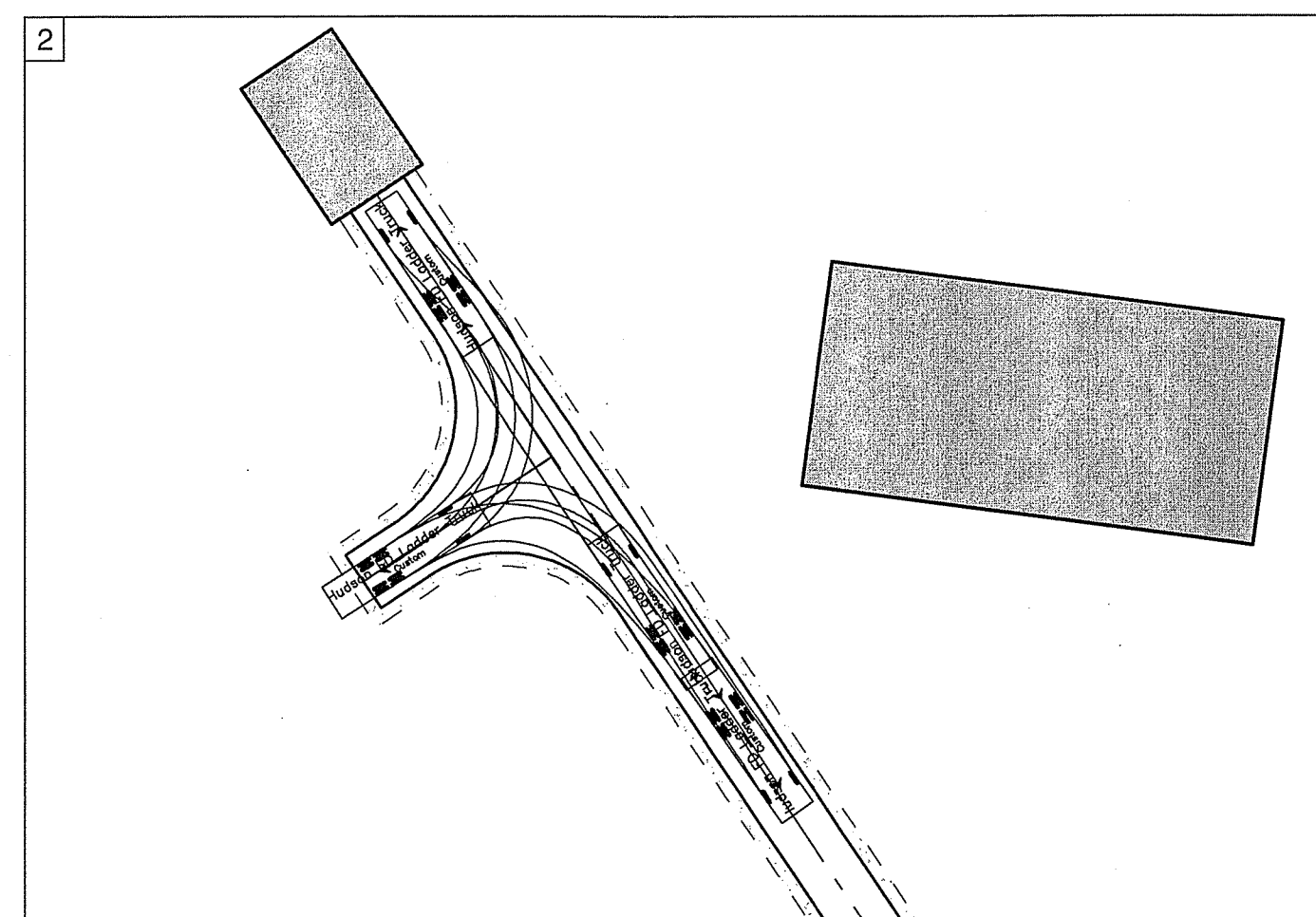
- RIGHT-OF-WAY SIDELINE
- EX. PROPERTY LINE
- PROPOSED PROPERTY LINE
- LIMITED COMMON AREA (LCA) LINE
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- EXISTING DRILL HOLE FOUND/SET
- EXISTING IRON PIN FOUND/SET
- MONUMENT (TO BE SET)
- PROPOSED BUILDING
- PROPOSED GRAVEL DRIVE



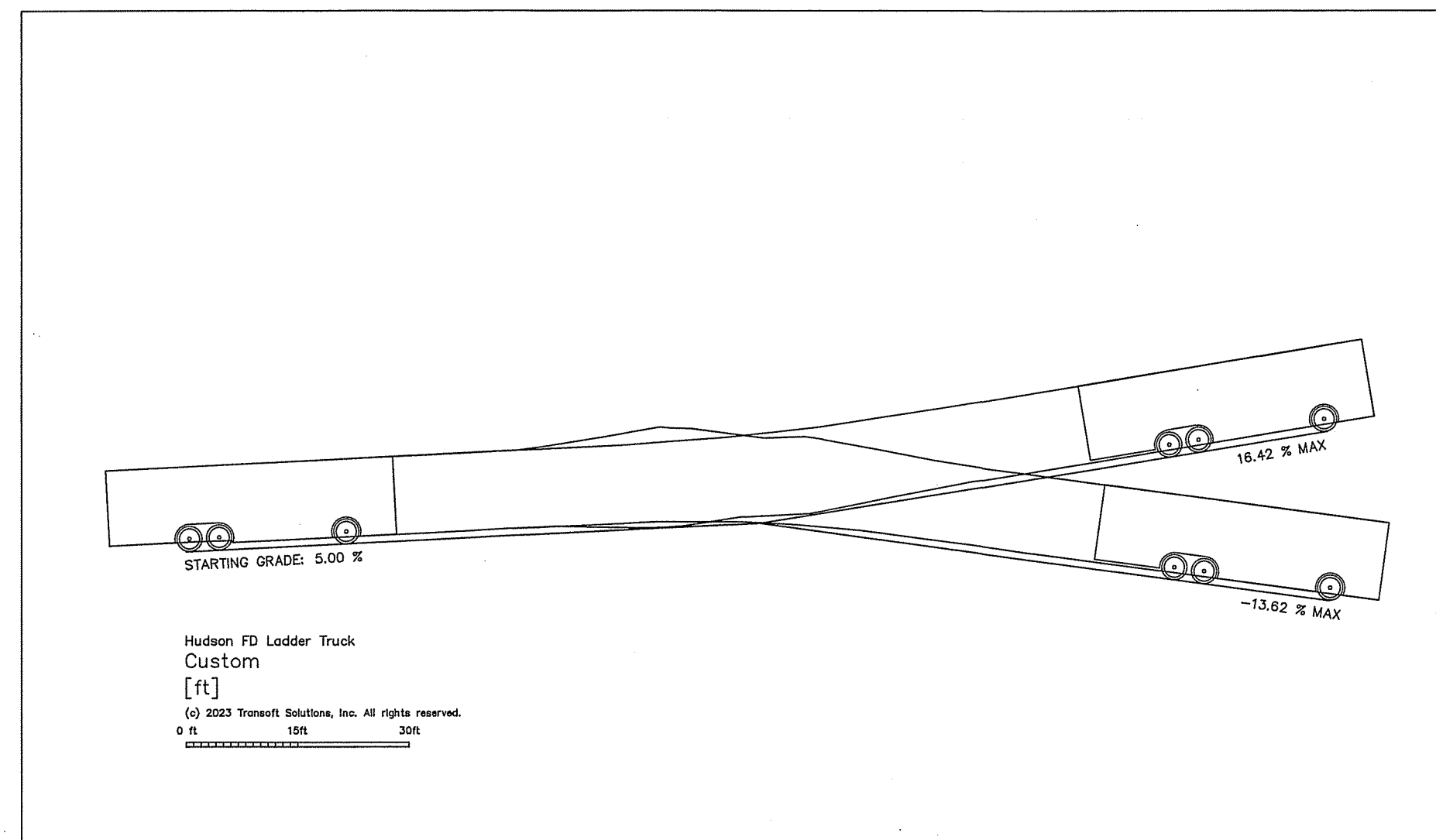
DETAILED CUL-DE-SAC TURNING EXHIBIT
SCALE: 1"=40'



DETAILED TURNAROUND TURNING EXHIBIT
TAX MAP 106 LOT 44
SCALE: 1"=40'



DETAILED TURNAROUND TURNING EXHIBIT
TAX MAP 106 LOT 44-4
SCALE: 1"=40'



FIRETRUCK GRADE TEMPLATE
SCALE: 1"=20'

REV. #	DATE	TOWN COMMENTS DESCRIPTION	CDB BY
1	1/10/23		

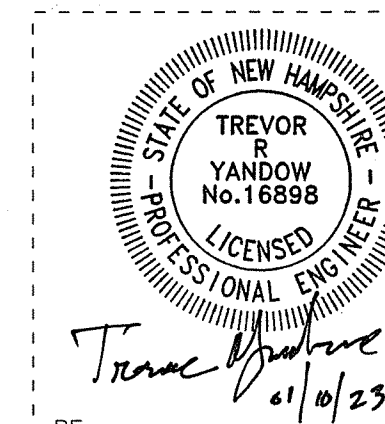


SCALE: 1"=100' HORZ.
DATE: NOVEMBER 15, 2022

**FIRE DEPARTMENT ACCESS PLAN
BOYD FARM**

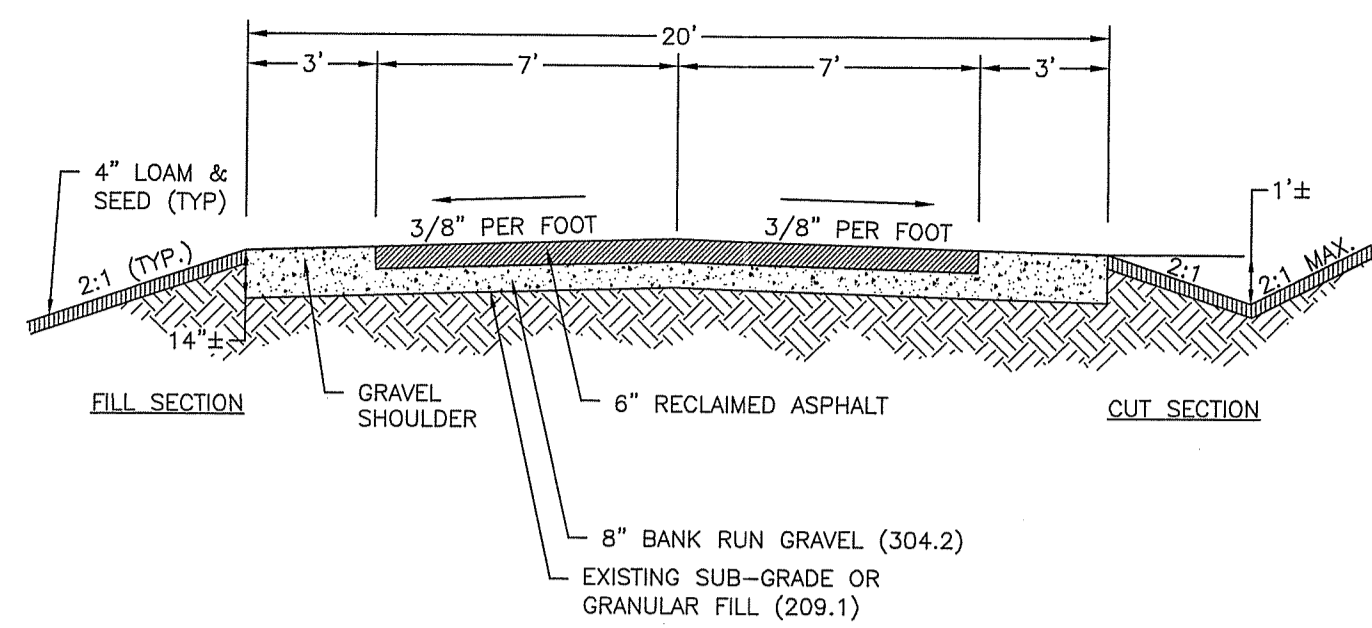
LAND OF:
MAP 106 / LOT 44
DAN DUBOWIK
19 BOYD ROAD
HUDSON, NH 03051

PREPARED FOR:
DAN DUBOWIK
223 DERRY ROAD
HUDSON, NH 03051



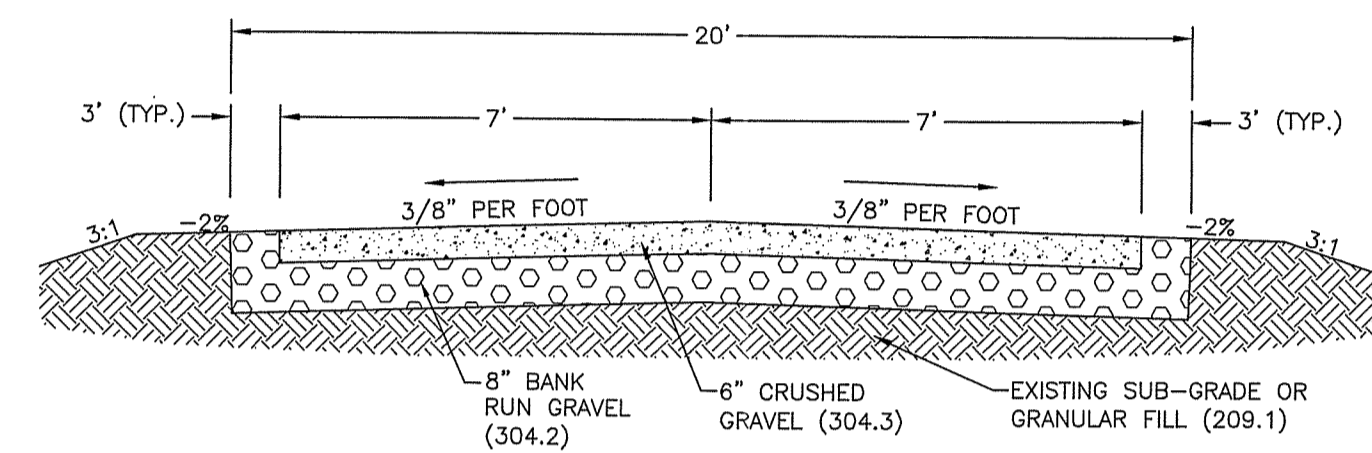
ARAGO

LAND CONSULTANTS, LLC
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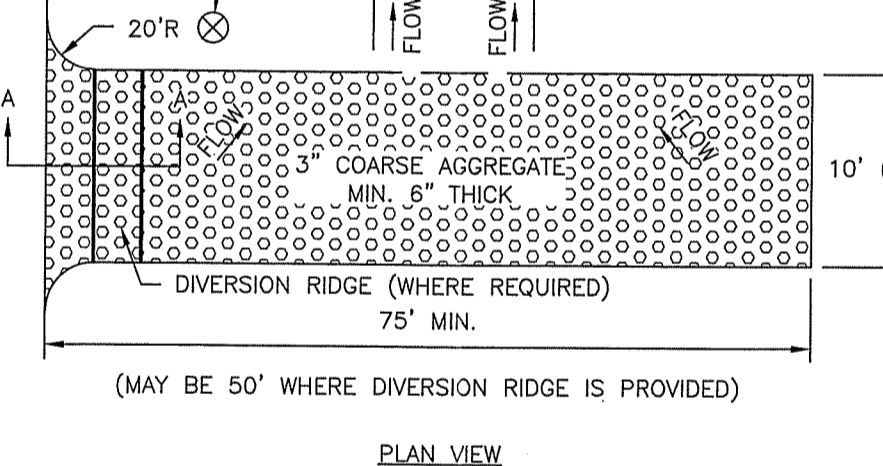
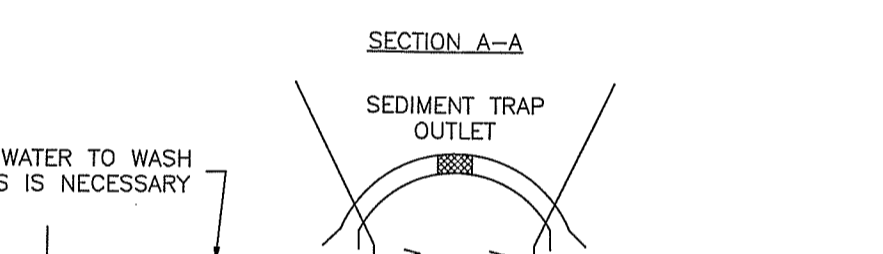
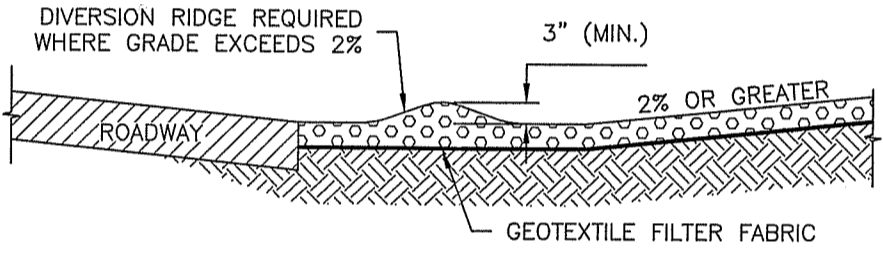


- NOTES:
1. COMPACTION SHALL BE 95% MODIFIED PROCTOR.
 2. COMPACTION TEST TO BE PERFORMED EVERY 150 FEET.

1
SHARED DRIVEWAY CROSS-SECTION
(NHDOT ITEM NO.) JANUARY 6, 2023

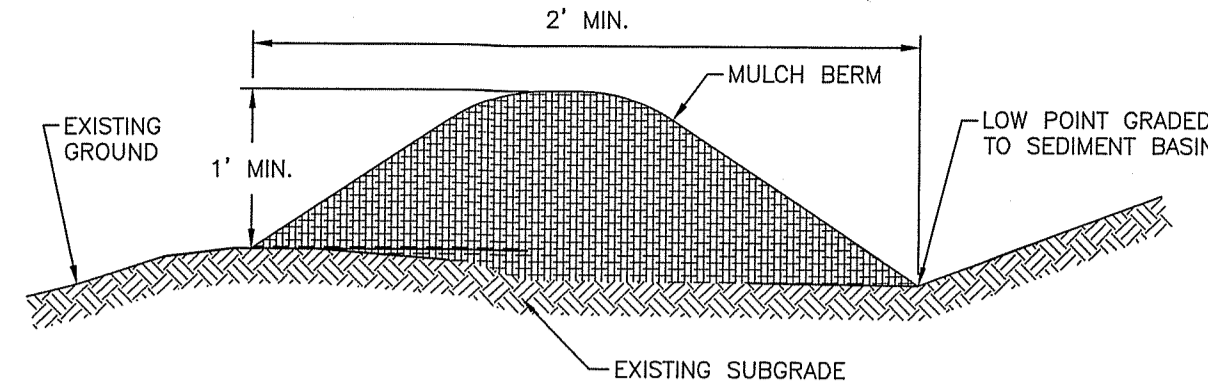


2
TYPICAL DRIVEWAY



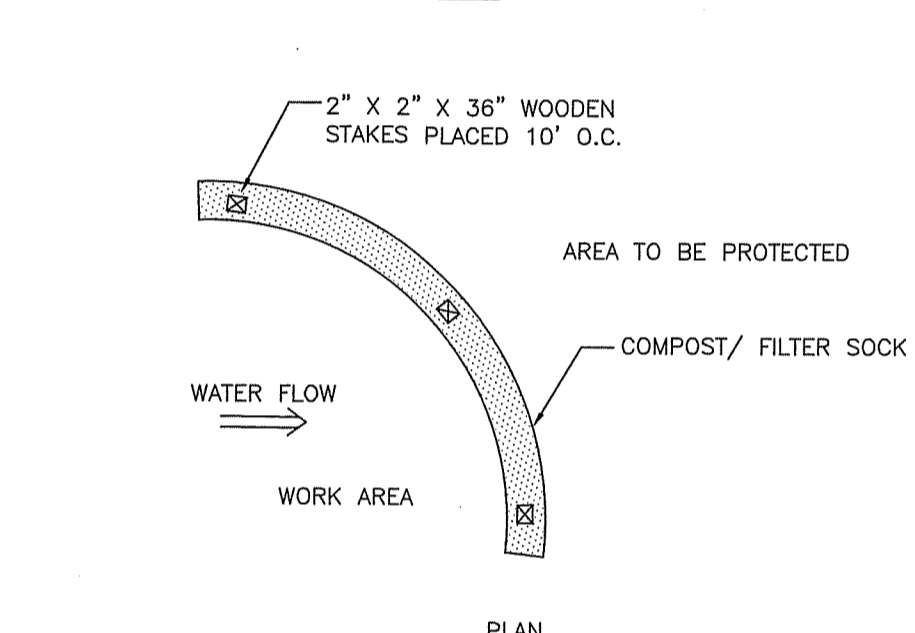
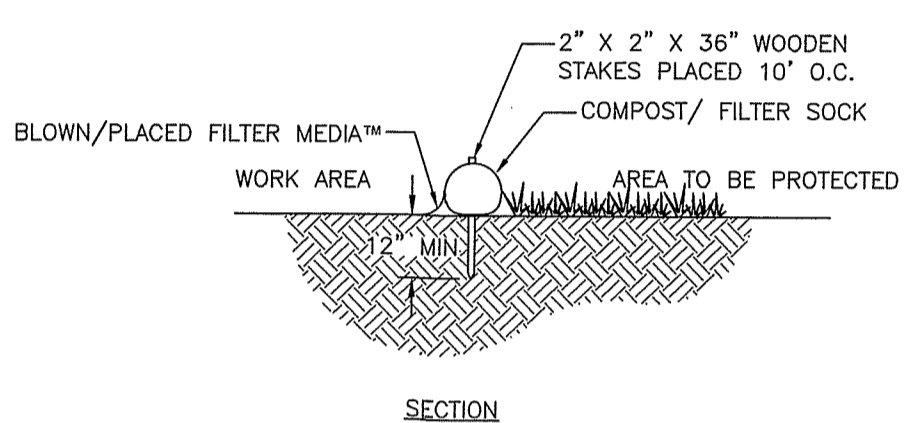
- NOTES:
1. STONE FOR STABILIZED CONSTRUCTION EXIT SHALL BE 3 INCH CRUSHED STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
 2. THE MINIMUM LENGTH OF THE PAD SHOULD BE 75 FEET, EXCEPT THAT THE MINIMUM LENGTH MAY BE REDUCED TO 50 FEET IF A 3-INCH TO 6-INCH HIGH BERM IS INSTALLED AT THE EXIT OF THE PROJECT SITE.
 3. THE THICKNESS OF THE STONE SHALL NOT BE LESS THAN 6 INCHES.
 4. THE WIDTH OF THE EXIT SHALL NOT BE LESS THAN THE FULL WIDTH OF THE EXISTING POINT OF INGRESS/EGRESS OR 10 FEET, WHICHEVER IS GREATER.
 5. GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE.
 6. ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARDS THE CONSTRUCTION EXIT SHALL BE PIPED BENEATH THE EXIT. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
 7. THE EXIT SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED PROMPTLY.
 8. WHEELS SHALL BE CLEANED TO REMOVE MUD PRIOR TO EXIT ONTO PUBLIC RIGHT-OF-WAYS. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

3
TEMPORARY CONSTRUCTION EXIT



- NOTES:
1. EROSION CONTROL MIX SHALL HAVE AN ORGANIC PORTION BETWEEN 25% AND 65%, DRY WEIGHT BASIS THAT IS:
 - 1.1. FIBROUS AND ELONGATED SUCH AS FROM SHREDDED BARK, STUMP GRINDINGS, COMPOSTED BARK, OR EQUIVALENT MANUFACTURED PRODUCTS; AND
 - 1.2. NOT COMPROMISED OF WOOD CHIPS, BARK CHIPS, GROUND CONSTRUCTION DEBRIS, OR REPROCESSED WOOD PRODUCTS;
 2. NOT CONTAIN SILTS, CLAYS, OR FINE SANDS;
 3. HAVE A PARTICLE SIZE BY WEIGHT OF 100% PASSING A 3-INCH SCREEN, 90% TO 100% PASSING A 1-INCH SCREEN, 70% TO 100% PASSING A 0.75-INCH SCREEN, AND 30% TO 75% PASSING A 0.255-INCH SCREEN; AND,
 4. HAVE A PH BETWEEN 5.0 AND 8.0.

4
TEMPORARY PERIMETER EROSION CONTROL MIX BERM (ECA)



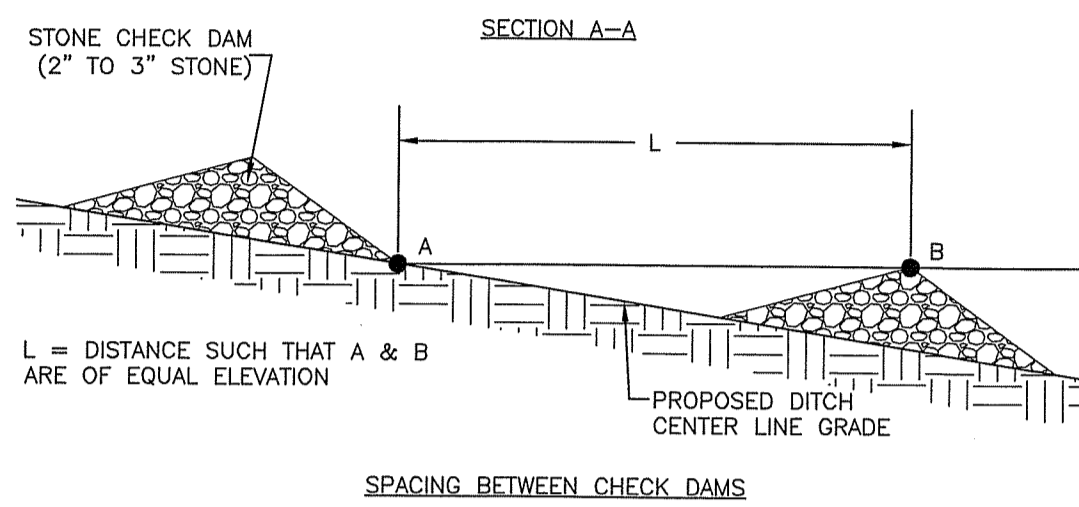
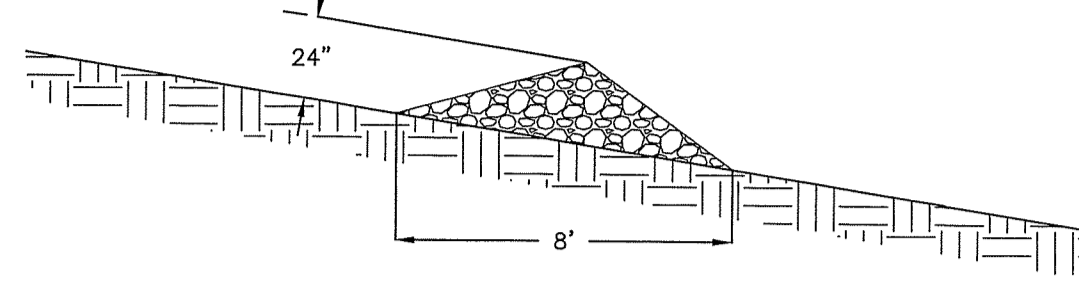
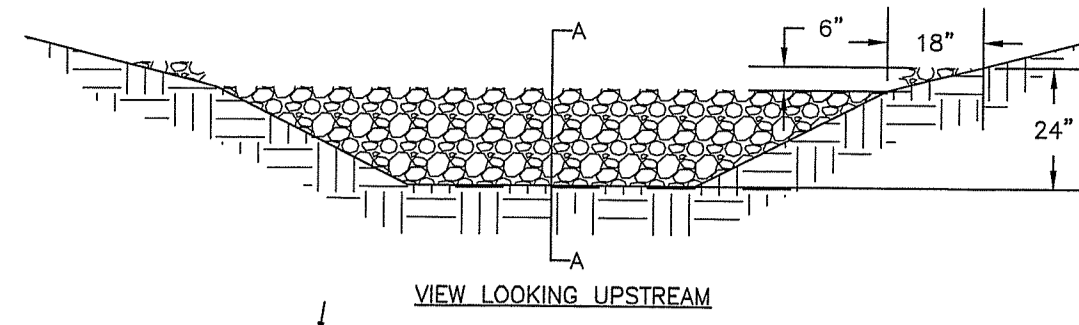
- NOTES:
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 - 1.1. FIBROUS AND ELONGATED SUCH AS FROM SHREDDED BARK, STUMP GRINDINGS, COMPOSTED BARK, OR EQUIVALENT MANUFACTURED PRODUCTS; AND
 - 1.2. NOT COMPROMISED OF WOOD CHIPS, BARK CHIPS, GROUND CONSTRUCTION DEBRIS, OR REPROCESSED WOOD PRODUCTS;
 2. NOT CONTAIN SILTS, CLAYS, OR FINE SANDS;
 3. HAVE A PARTICLE SIZE BY WEIGHT OF 100% PASSING A 3-INCH SCREEN, 90% TO 100% PASSING A 1-INCH SCREEN, 70% TO 100% PASSING A 0.75-INCH SCREEN, AND 30% TO 75% PASSING A 0.255-INCH SCREEN; AND,
 4. HAVE A PH BETWEEN 5.0 AND 8.0.

5
TEMPORARY PERIMETER EROSION CONTROL CONTINUOUS CONTAINED BERM (FILTER SOCK)

1. ALL DISTURBED AREAS SHALL BE COVERED WITH A MINIMUM OF 4" COMPACTED LOAM. LOAM SHALL BE COVERED WITH THE APPROPRIATE SEED MIXTURE AS INDICATED BELOW.
THE SEED MIXTURE SHALL BE APPLIED AT A RATE OF 2.5 POUNDS PER 1,000 SQ. FT. AND SHALL BE MIXED AS FOLLOWS:

TYPICAL LAWN SEED	SLOPE SEED
CREeping RED FESCUE 0.87 LBS.	CREeping RED FESCUE 1.01 LBS.
KENTUCKY BLUEGRASS 0.71 LBS.	RYE GRASS 0.75 LBS.
RYE GRASS 0.58 LBS.	RED TOP 0.18 LBS.
RED TOP 0.14 LBS.	ALSIKE CLOVER 0.18 LBS.
	BIRDSFOOT TREFLOIL 0.18 LBS.
2. APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE OF 600 POUNDS PER ACRE OR 13.8 POUNDS PER 1,000 SQUARE FEET OF LOW PHOSPHATE FERTILIZER (N-P205-K20) OR EQUIVALENT (LOW PHOSPHORUS FERTILIZER IS DEFINED BY THE COMPREHENSIVE SHORELAND PROTECTION ACT AS LESS THAN 2% PHOSPHORUS). APPLY LIMESTONE (EQUIVALENT TO 50 PERCENT CALCIUM PLUS MAGNESIUM OXIDE) AT A RATE OF 3 TONS PER ACRE (138 LB. PER 1,000 SQUARE FEET).
3. FERTILIZER SHOULD BE RESTRICTED TO A LOW PHOSPHATE, SLOW RELEASE NITROGEN FERTILIZER WHEN APPLIED TO AREAS BETWEEN 25 FEET AND 250 FEET FROM A SURFACE WATER BODY AS SPECIFIED BY THE COMPREHENSIVE SHORELAND PROTECTION ACT. SLOW RELEASE FERTILIZERS MUST BE AT LEAST 50% SLOW RELEASE NITROGEN COMPONENT). NO FERTILIZER EXCEPT LIMESTONE SHOULD BE APPLIED WITHIN 25 FEET OF THE SURFACE WATER. THESE LIMITATIONS ARE REQUIREMENTS.
4. PERMANENT OR TEMPORARY COVER MUST BE IN PLACE BEFORE THE GROWING SEASON ENDS. WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 10 TO SEPTEMBER 15. NO DISTURBED AREA SHALL BE LEFT EXPOSED DURING THE WINTER MONTHS.

6
PERMANENT SEEDING OF DISTURBED AREAS



7
TEMPORARY STONE CHECK DAM

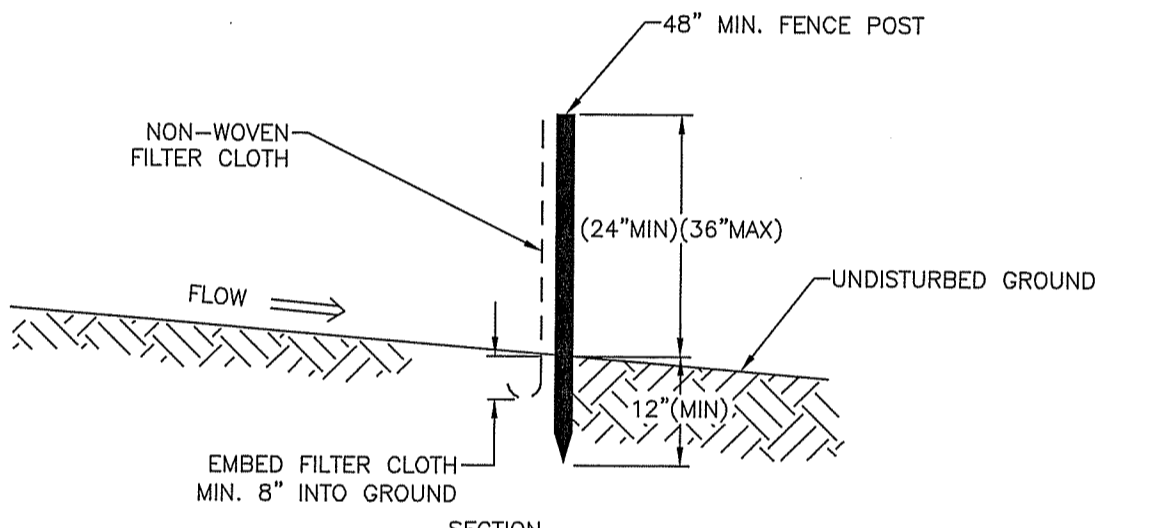
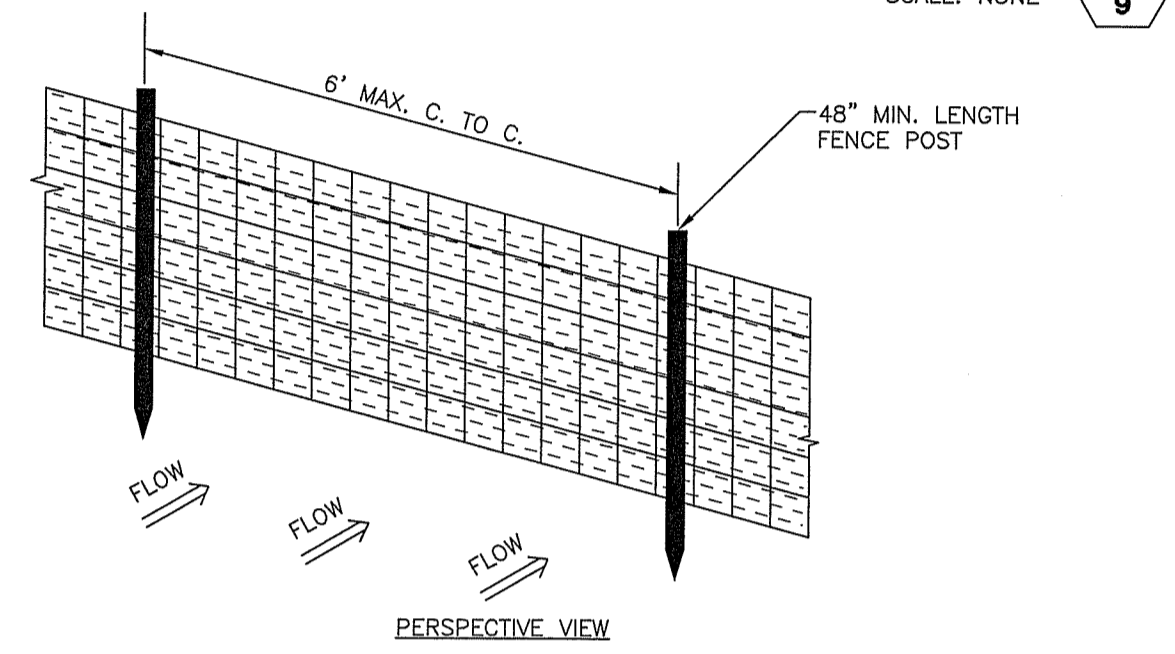
EROSION AND SEDIMENTATION CONTROL NOTES

1. THE EROSION CONTROL MEASURES SHOWN ARE DIAGRAMMATIC, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE THE APPROPRIATE CONTROL MEASURES IN THE BEST SUITED LOCATIONS.
2. PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS.
3. THE CONTRACTOR SHALL INSPECT, CLEAN, MAINTAIN AND REPAIR EROSION CONTROLS, AND REMOVE SEDIMENT THEREFROM ON A WEEKLY BASIS AND WITHIN TWENTY FOUR HOURS AFTER EACH STORM EVENT (0.25" OR GREATER) AND DISPOSE OF SEDIMENTS IN AN UPLAND AREA SUCH THAT THEY DO NOT ENCUMBER OTHER DRAINAGE WAYS AND PROTECTED AREAS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS (IE WETLANDS, STREAMS, ETC.) WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSITED.
5. THE CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMAL TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
6. UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN DEBRIS AND SEDIMENT FROM THE DRAINAGE SYSTEM.
7. AREAS REMAINING UNSTABILIZED FOR A PERIOD OF MORE THAN 30 DAYS SHALL BE TEMPORARILY SEEDED AND MULCHED. HAY MULCH SHALL BE APPLIED AT A MINIMUM RATE OF 1-1/2 TONS/ACRE.
8. PERMANENT SEEDING SHALL OCCUR BETWEEN APRIL 1 AND JUNE 1 AND/OR BETWEEN AUGUST 15 AND OCTOBER 15. ALL SEEDING SHALL BE HAY MULCHED.
9. DUST SHALL BE CONTROLLED THROUGH THE USE OF WATER OR OTHER INDUSTRY APPROVED STANDARD METHODS.
10. SOILS TO BE STOCKPILED FOR A PERIOD OF MORE THAN THIRTY DAYS SHALL BE TEMPORARILY SEEDED AND MULCHED. THE CONTRACTOR SHALL INSTALL SILT FENCE AND OR COMPOST SOCK ALONG THE DOWNHILL SIDE OF THE STOCKPILE.
11. THE CONTRACTOR SHALL PROVIDE TEMPORARY SEDIMENTATION BASINS AND TEMPORARY DIVERSION SWALES TO CONTROL SEDIMENTATION AND STORMWATER RUNOFF DURING THE CONSTRUCTION PERIOD, THAT MEET THE REQUIREMENTS OF THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES (NHDES).
12. THE CONTRACTOR SHALL PROVIDE NECESSARY EROSION CONTROLS TO INSURE THAT SURFACE WATER RUNOFF FROM UNSTABILIZED AREAS DOES NOT CARRY SILT, SEDIMENT, AND OTHER DEBRIS OUTSIDE THE SITE WORK AREA.
13. AN AREA SHALL BE CONSIDERED STABILIZED IF ONE OF THE FOLLOWING HAS OCCURRED:
 - A. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED AND COMPACTED TO A MINIMUM OF 90% OF THE DRY UNIT WEIGHT;
 - B. A MINIMUM OF 85% VEGETATIVE GROWTH HAS BEEN ESTABLISHED;
 - C. A MINIMUM OF 3-IN OF NON EROSION MATERIAL, SUCH AS STONE OR RIPRAP HAS BEEN INSTALLED;
 - D. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED;
 - E. THE AREA HAS BEEN PAVED WITH BITUMINOUS ASPHALT CONCRETE, PORTLAND CEMENT CONCRETE, OR SIMILAR COVERS.
14. AT NO TIME SHALL THE TOTAL DISTURBED AREA BE GREATER THAN FIVE (5) ACRES.
15. ALL DITCHES, SWALES, STORMWATER BASINS, OR OTHER DRAINAGE FEATURES SHALL BE FULLY STABILIZED PRIOR TO DIRECTING STORMWATER TO THEM. UPON COMPLETION OF THE PROJECT THE CONTRACTOR SHALL COMPLETE AN INSPECTION, CLEAN AND REPAIR ANY DAMAGE TO THE STORMWATER MANAGEMENT SYSTEM INCLUDING THE WET POND AND ASSOCIATED COMPONENTS PRIOR TO ACCEPTANCE OF THE FACILITY.
16. ALL DITCHES, SWALES, STORMWATER BASINS, OR OTHER DRAINAGE FEATURES SHALL BE FULLY STABILIZED PRIOR TO DIRECTING STORMWATER TO THEM. UPON COMPLETION OF THE PROJECT THE CONTRACTOR SHALL COMPLETE AN INSPECTION, CLEAN AND REPAIR ANY DAMAGE TO THE STORMWATER MANAGEMENT SYSTEM INCLUDING THE WET POND AND ASSOCIATED COMPONENTS PRIOR TO ACCEPTANCE OF THE FACILITY.
17. ALL DRIVEWAYS, ROADWAYS, AND/OR PARKING AREAS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
18. ALL CUT AND FILL SLOPES SHALL BE LOAMED AND SEEDED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
19. EROSION CONTROL BLANKETS SHALL BE INSTALLED ON ALL SLOPES THAT ARE STEEPER THAN 3-FT HORIZONTAL TO 1-FT VERTICAL (3:1). EROSION CONTROL BLANKETS SHALL BE NORTH AMERICAN GREEN SC150BN OR APPROVED EQUAL.
20. THE 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.
21. ALL MANUFACTURED EROSION AND SEDIMENT CONTROL PRODUCTS, WITH THE EXCEPTION OF TURF REINFORCEMENT MATS, UTILIZED FOR, BUT NOT LIMITED TO, SLOPE PROTECTION, RUNOFF DIVERSION, SLOPE INTERRUPTION, PERIMETER CONTROL, INLET PROTECTION, CHECK DAMS, AND SEDIMENT TRAPS SHALL NOT CONTAIN PLASTIC, OR MULTI-FILAMENT OR MONOFILAMENT POLYPROPYLENE NETTING OR MESH WITH AN OPENING SIZE OF GREATER THAN 1/8 INCHES.
22. TURF REINFORCEMENT MATS SHALL BE COVERED WITH SOIL TO PREVENT EXPOSURE OF THE MATS TO THE SURFACE.

8
EROSION CONTROL NOTES

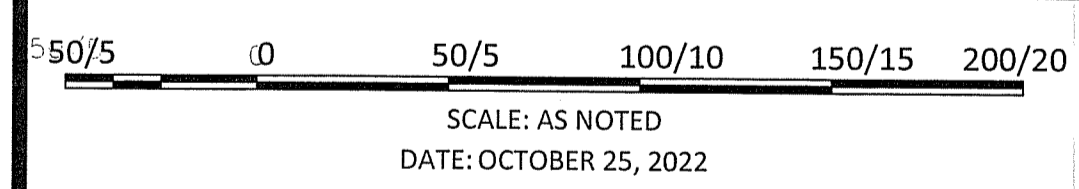
1. SURVEY AND MARK LIMITS OF WORK;
2. MARK ALL WETLAND BOUNDARIES WITH CONSTRUCTION FENCING;
3. PRIOR TO THE START OF WORK:
 - A. INSTALL/CONSTRUCT EROSION CONTROL MEASURES (IE SILTATION FENCE, CHECK DAMS, INLET/OUTLET PROTECTION, ETC.) AS INDICATED BY THE EROSION CONTROL PLANS, AND AS DEEMED NECESSARY BY THE OWNER. EROSION CONTROL MEASURES SHALL BE MAINTAINED AND THROUGHOUT THE DURATION OF WORK, AND AS REQUIRED.
 - B. INSTALL TRAFFIC/PEDESTRIAN CONTROL SIGNS, BARRIERS, AND APPURTENANCES AS NECESSARY.
 - C. CONTACT DIG-SAFE (1-888-DIGSAFE), A MINIMUM OF 72 HOURS, PRIOR TO ANY EARTH MOVING OR EXCAVATION OPERATIONS.
4. INSTALL TEMPORARY UTILITY SERVICES AS REQUIRED.
5. STORMWATER PONDS, INFILTRATION BASINS AND SWALES MUST BE INSTALLED BEFORE ROUGH GRADING THE SITE.
6. INSTALL PROPOSED UTILITIES AS REQUIRED.
7. REMOVE FEATURES AS NECESSARY AND WHEN APPROPRIATE.
8. PREPARE ROADWAY BASES.
9. PERFORM ALL REMAINING WORK;
10. FINISH GRADE AND RESTORE AREAS OUTSIDE OF THE WORK AREAS DISTURBED BY WORK, INCLUDING BUT NOT LIMITED TO, LAWNS, LANDSCAPE AREAS, WALKS, AND OTHER PRIVATE/PUBLIC FEATURES, DAMAGED BY WORK;
11. REMOVE TEMPORARY EROSION CONTROL MEASURES, AFTER AREAS THEY ARE SERVICING HAVE BECOME STABILIZED;
12. CLEAN ALL STORM SEWER BASINS, STRUCTURES, PIPES, AND APPURTENANCES OF ANY SILT AND DEBRIS. OUTLET POINTS SHALL BE PROTECTED TO PREVENT AND ADVERSE DOWNSTREAM IMPACTS.
13. CONDUCT FINAL CLEANUP, ANY ANCILLARY WORK, AND DEMOBILIZATION EFFORTS AS REQUIRED.

9
CONSTRUCTION SEQUENCE



- NOTES:
1. FENCES SHALL FOLLOW THE CONTOUR OF LAND AS CLOSELY AS POSSIBLE.
 2. THE ENDS OF THE FENCE SHALL BE FLARED UP-SLOPE;
 3. SUPPORT POSTS SHALL BE SIZED AND ANCHORED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
 4. ADJOINING SECTIONS OF THE FENCE SHALL BE OVERLAPPED BY 6-INCHES, FOLDED AND STAPLED TO A SUPPORT POST.
 5. FENCES SHALL BE INSPECTED AND MAINTAINED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
 6. SEDIMENT THAT ACCUMULATES AT THE FENCE SHALL BE REMOVED WITH SUFFICIENT FREQUENCY TO PREVENT THE DEPTH OF THE SEDIMENT FROM REACHING ONE-THIRD THE HEIGHT OF THE FENCE.

10
TEMPORARY PERIMETER EROSION CONTROL SILT FENCE



CONSTRUCTION DETAILS

LAND OF:
MAP 106 / LOT 44
DAN DUBOWIK
19 BOYD ROAD
HUDSON, NH 03051

PREPARED FOR:
DAN DUBOWIK
223 DERRY ROAD
HUDSON, NH 03051

