

HILDRETH'S FARM SUBDIVISION

TAX MAP 248 LOT 8

CANTERBURY, NEW HAMPSHIRE

JUNE 3, 2025

MUNICIPAL CONTACTS:

LAND USE ADMINISTRATOR
 JAN STOUT
 10 HACKLEBORO ROAD
 CANTERBURY, NEW HAMPSHIRE 03224
 (603) 783-0501

FIRE DEPARTMENT

MICHAEL GAMACHE, CHIEF
 26 BAPTIST ROAD
 CANTERBURY, NEW HAMPSHIRE 03224
 (603) 783-4798

POLICE DEPARTMENT

JUSTIN CROTTY, CHIEF
 26 BAPTIST ROAD
 CANTERBURY, NEW HAMPSHIRE 03224
 (603) 783-0355

BUILDING INSPECTOR

JOEL FRENCH
 10 HACKLEBORO ROAD
 CANTERBURY, NEW HAMPSHIRE 03224
 (603) 783-9033

PROFESSIONAL CONTACTS:

CIVIL ENGINEER
 SAMUEL R. FOISIE, PE
 MERIDIAN LAND SERVICES, INC.
 PO BOX 118
 MILFORD, NH 03055
 (603) 673-1441

LAND SURVEYOR

KENNETH C. CLINTON, LLSS
 MERIDIAN LAND SERVICES, INC.
 PO BOX 118
 MILFORD, NH 03055
 (603) 673-1441

WETLAND SCIENTIST

SPENCER C. TATE, CWS
 MERIDIAN LAND SERVICES, INC.
 PO BOX 118
 MILFORD, NH 03055
 (603) 673-1441

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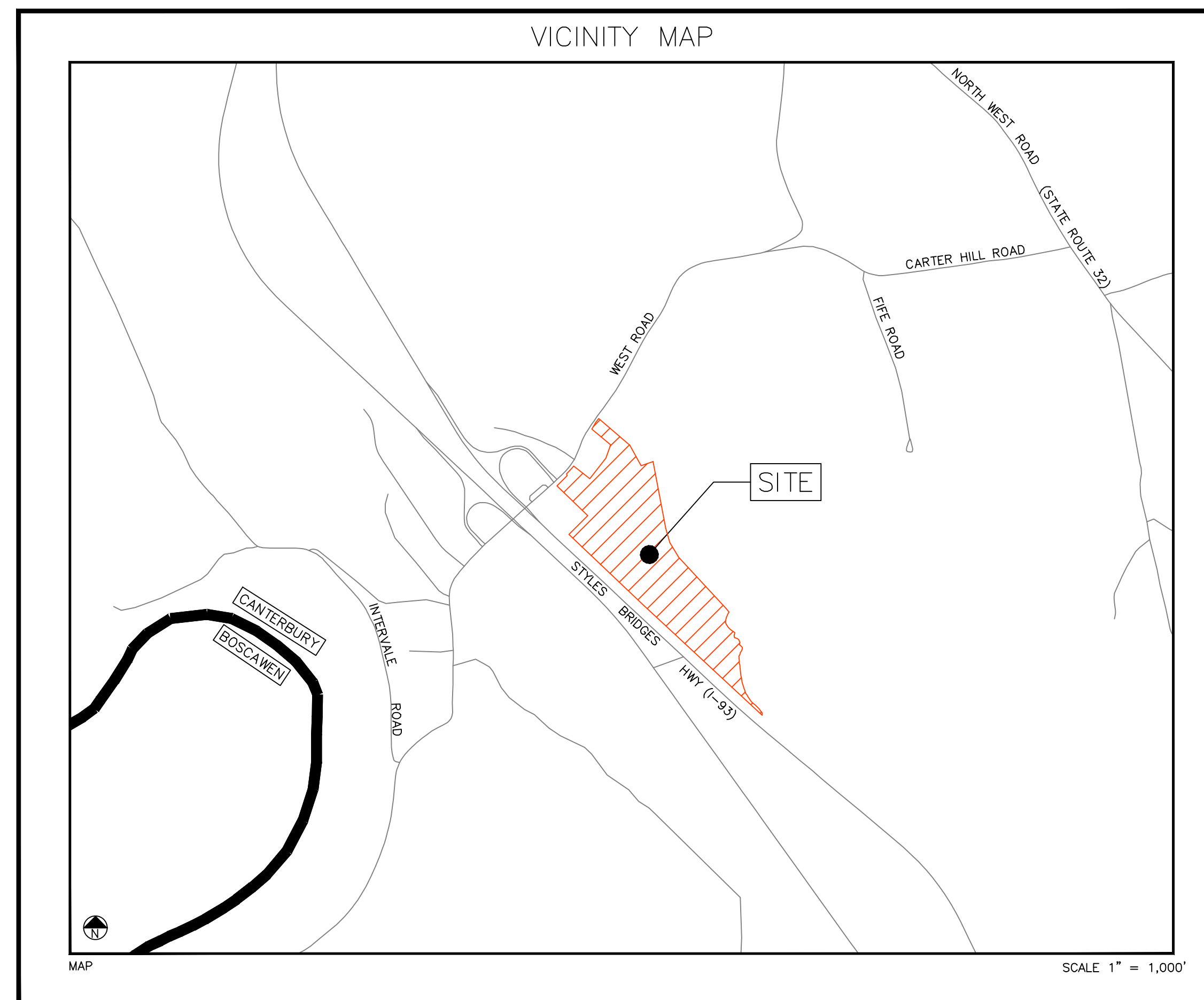
ATTACHMENTS:

1-3 SIGHT DISTANCE PLANS & PROFILES

PERMITS/APPROVALS:

THIS PROJECT IS SUBJECT TO AND/OR REQUIRES THE FOLLOWING APPROVALS:

- CANTERBURY MAJOR SUBDIVISION
- CANTERBURY CUP-FOR CLUSTER SUBDIVISION
- NHDOT DRIVEWAY PERMIT
- NHDOT EXCAVATION PERMIT
- NHDES ALTERATION OF TERRAIN (AOT)
- NHDES STATE SUBDIVISION APPROVAL
- NHDES STANDARD DREDGE & FILL
- NHDES INDIVIDUAL SEWAGE DISPOSAL SYSTEM
- NHDES PWS



OWNER'S SIGNATURE:

OWNER _____ DATE _____

OWNER/ APPLICANT:

114 WEST ROAD LLC
 114 WEST ROAD
 MAP 243 LOT 8
 CANTERBURY, NEW HAMPSHIRE 03224

Issued For: PLANNING BOARD REVIEW
 JUNE 3, 2025

APPROVED BY CANTERBURY PLANNING BOARD
 ON: _____ CERTIFIED BY
 CHAIRMAN: _____ AND
 SECRETARY: _____

MERIDIAN DESIGN PROFESSIONALS:

LLS	PE	CWS	CSS
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MERIDIAN
LAND SERVICES, INC.
 ENGINEERING | SURVEYING | PERMITTING
 SOIL & WETLAND MAPPING | SEPTIC DESIGN
 31 OLD NASHUA ROAD, AMHERST, NH 03031 TEL. 603-673-1441
 MERIDIANLANDSERVICES.COM FAX 603-673-1584

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REFERENCE PLAN:

"SUBDIVISION / LOT LINE ADJUSTMENT - TAX MAP 248 LOT 9 & 8 - 114 & 188 WEST ROAD CANTERBURY, NH". PREPARED FOR 114 WEST ROAD, LLC & HAROLD F. FRENCH, SCALE: 1"=100', DATED MAY 2, 2023, PREPARED BY J.E. BELANGER LAND SURVEYING, AND RECORDED AT THE M.C.R.D. AS PLAN #202300010053.

NOTES:

1. THE PURPOSE OF THIS PLAN IS TO DEPICT THE EXISTING OBSERVABLE IMPROVEMENTS ON TAX MAP #248 LOT #8.
2. THE CURRENT OWNER OF RECORD FOR LOT 248-8 IS 114 WEST ROAD, LLC, 938 CLEMENT HILL ROAD, HOPKINGTON, NEW HAMPSHIRE 03229. SEE M.C.R.D. BK.3802 PG.2495 DATED 9/5/2023.
3. PER THE TOWN OF CANTERBURY ZONING ORDINANCE, LOTS WITHIN THE COMMERCIAL DISTRICT MUST HAVE A MINIMUM LOT SIZE OF 1 ACRE, A MINIMUM DEPTH OF 150 FEET, A MINIMUM WIDTH OF 200 FEET AND SETBACKS OF 50 FEET FRONT AND SIDE / REAR OF 20 FEET.
4. LOT 248-8 LIES WITHIN THE AQUIFER PROTECTION DISTRICT AND THE

GROUNDWATER PROTECTION DISTRICT. ADDITIONAL RESTRICTIONS NOT SHOWN OR NOTED HEREON MAY APPLY.

5. BOUNDARY INFORMATION SHOWN HEREON IS BASED UPON REFERENCE PLAN NOTED AND PHYSICAL EVIDENCE RECORDED DURING A FIELD SURVEY PERFORMED BY THIS OFFICE DURING THE MONTH OF APRIL 2025.
6. TOPOGRAPHIC DETAIL SHOWN HEREON IS BASED UPON AN ACTUAL SURVEY PERFORMED BY THIS OFFICE, SUPPLEMENTED WITH NH GRANIT LIDAR DATA, AERIAL IMAGERY, AND ONLINE GIS SOURCES.
7. HORIZONTAL ORIENTATION IS BASED UPON NH STATE PLANE

COORDINATE SYSTEM NAD83 AND VERTICAL DATUM IS NAVD88.

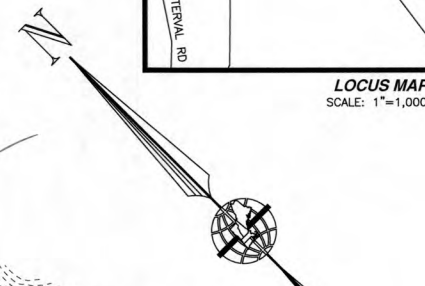
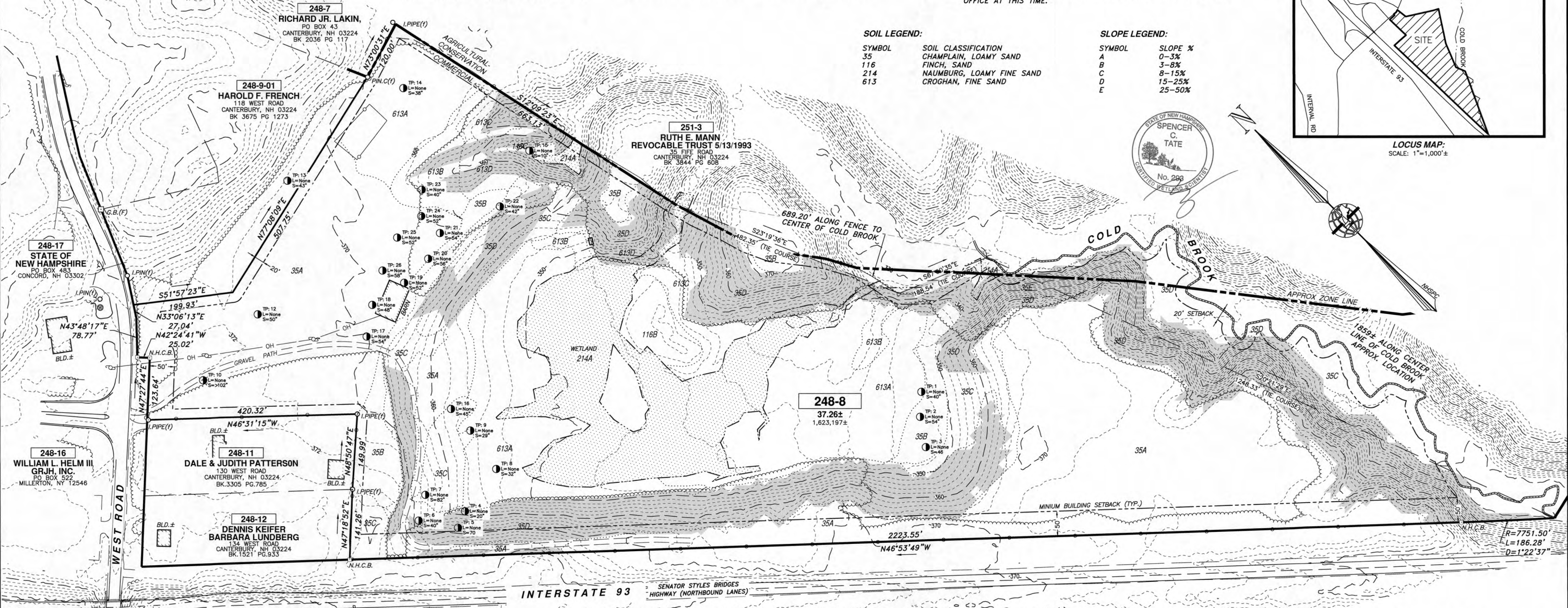
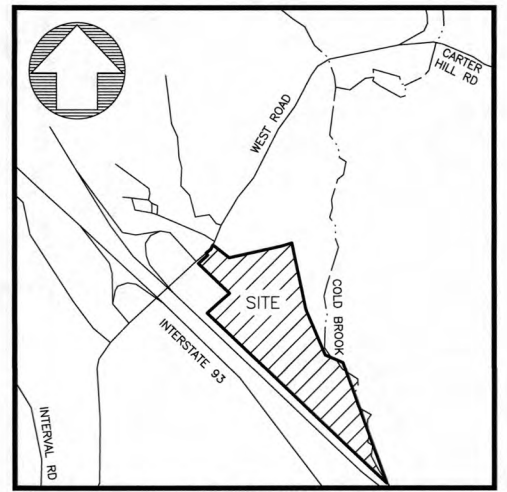
8. PER FEMA FIRM PANEL #33013C0330E EFFECTIVE DATE 4/19/2010, A PORTION OF LOT 248-8 LIES WITHIN FLOOD ZONE A WHILE THE REMAINING LIES WITHIN ZONE X.
9. WETLANDS SHOWN HEREON WERE DELINEATED IN ACCORDANCE WITH THE ARMY CORPS OF ENGINEERS DELINEATION MANUAL TECHNICAL REPORT Y-87-1 AND THE NORTHEAST REGIONAL SUPPLEMENT, BY SPENCER C. TATE C.W.S. / C.S.S. OF THIS OFFICE DURING THE MONTH OF APRIL 2025.
10. NO UNDERGROUND UTILITY INVESTIGATION WAS PERFORMED BY THIS OFFICE AT THIS TIME.

SOIL LEGEND:

SYMBOL	SOIL CLASSIFICATION
35	CHAMPLAIN, LOAMY SAND
116	FINCH, SAND
214	NAUMBURG, LOAMY FINE SAND
613	CROGHAN, FINE SAND

SLOPE LEGEND:

SYMBOL	SLOPE %
A	0-3%
B	3-8%
C	8-15%
D	15-25%
E	25-50%

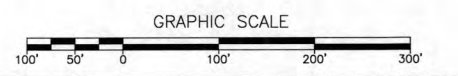
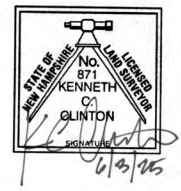


LEGEND:

- RIGHT-OF-WAY SIDELINE
- PROPERTY LINE
- ABUTTING LOT LINE
- FORMER LOT LINE
- - - BUILDING SETBACK LINE
- - - EDGE OF PAVEMENT
- - - EXISTING GRAVEL ROAD
- - - EXISTING OH ELECTRIC LINE
- - - EDGE OF WETLANDS
- - - EDGE OF WATER
- - - 10' CONTOUR INTERVAL
- - - 2' CONTOUR INTERVAL
- - - EXISTING TREE LINE
- 2-23 EXISTING TAX MAP AND LOT NUMBER
- EXISTING GRANITE BOUND FOUND
- EXISTING DRILL HOLE FOUND/SET
- EXISTING IRON PIPE FOUND
- EXISTING CATCH BASIN SQUARE
- EXISTING UTILITY POLE & GUY WIRE
- EXISTING SINGLE POST SIGN
- EXISTING WELL
- TEST PIT WITH DATA TEST PIT NUMBER DEPTH-LEDGE FOUND DEPTH-SEASONAL HIGH WATER FOUND
- EXISTING BOXWIRE FENCE LINE
- U.S.D.A. SOILS BOUNDARY
- >15% STEEP SLOPES
- EXISTING BUILDING
- EXISTING GRANITE BOUND FOUND
- EXISTING DRILL HOLE FOUND/SET
- EXISTING IRON PIPE FOUND
- EXISTING CATCH BASIN SQUARE
- EXISTING UTILITY POLE & GUY WIRE
- EXISTING SINGLE POST SIGN
- EXISTING WELL
- TEST PIT WITH DATA TEST PIT NUMBER DEPTH-LEDGE FOUND DEPTH-SEASONAL HIGH WATER FOUND
- EXISTING BOXWIRE FENCE LINE
- U.S.D.A. SOILS BOUNDARY

CERTIFICATION:

"I HEREBY CERTIFY THAT THE EXISTING OBSERVABLE IMPROVEMENTS SHOWN HEREON ARE THE RESULT OF A FIELD SURVEY PERFORMED BY THIS OFFICE DURING THE MONTH OF MARCH 2025".



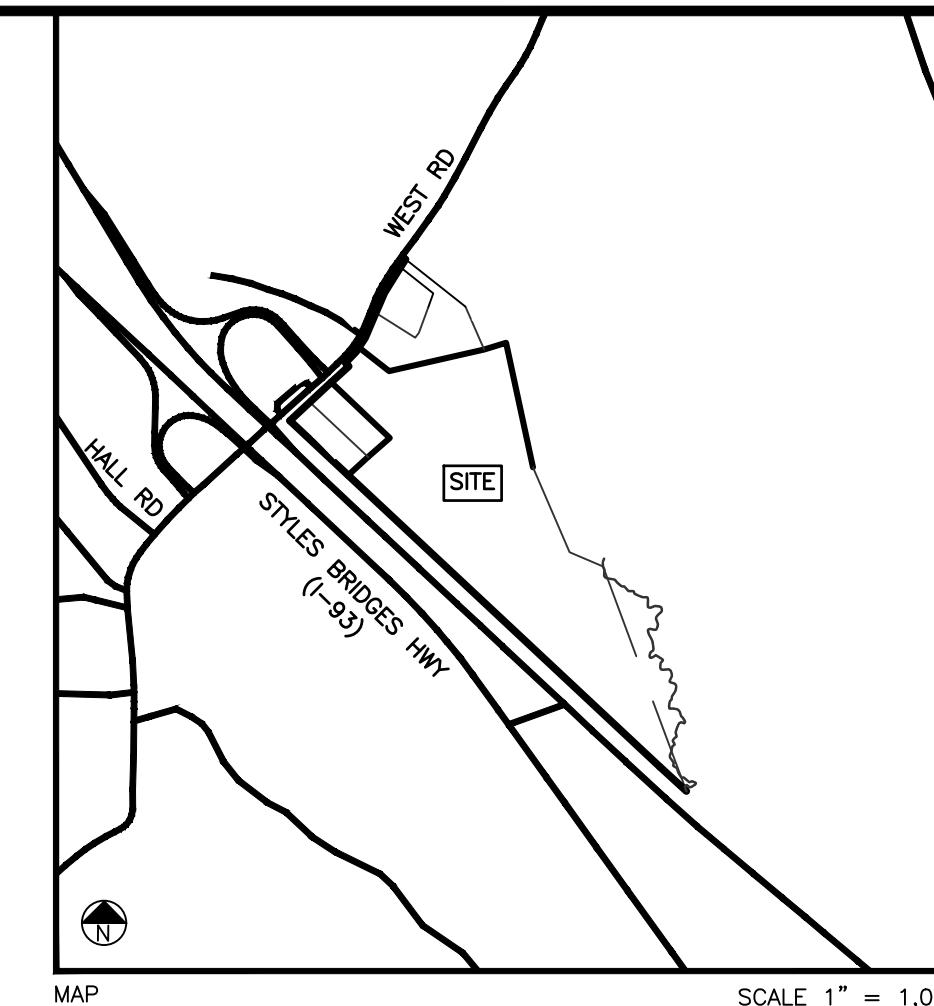
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EXISTING CONDITIONS PLAN
LAND OF:
114 WEST ROAD, LLC
TAX MAP 248 LOT 8
114 WEST ROAD
CANTERBURY, NEW HAMPSHIRE
SCALE: 1" = 100'
JUNE 3, 2025

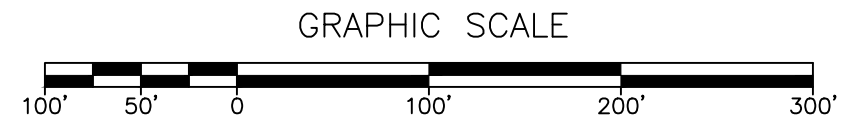
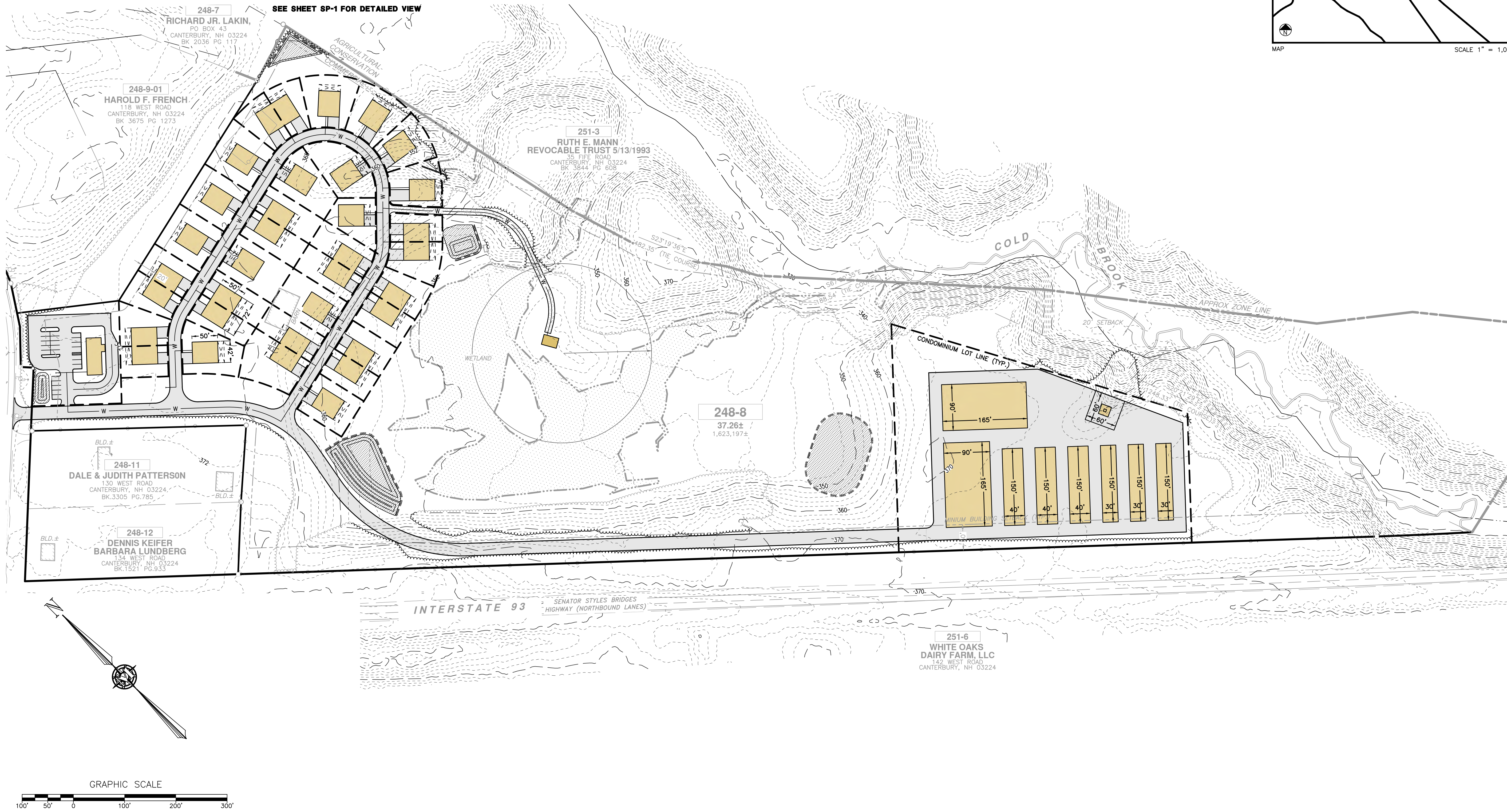
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LAND SERVICES, INC.
ENGINEERING | SURVEYING | PERMITTING
SOIL & WETLAND MAPPING | SEPTIC DESIGN
31 OLD NASHUA ROAD, AMHERST, NH 03031 TEL. 603-673-1441
MERIDIAN.LANDSERVICES.COM FAX 603-673-1584

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- LEGEND:**
- LOT LINE
 - RIGHT-OF-WAY LINE
 - FORMER LOT LINE
 - ABUTTING LOT LINE
 - - - BUILDING SETBACK
 - - - 10-FOOT CONTOUR
 - - - 2-FOOT CONTOUR
 - - - PROPOSED LOT LINE
 - - - PROPOSED CONDOMINIUM LINE
 - PROPOSED PAVEMENT
 - PROPOSED BUILDING
 - PROPOSED BASIN



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 MERIDIANLANDSERVICES.COM FAX: 603-673-1584



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HILDRETH'S FARM
 OVERVIEW AND PHASING PLAN

114 WEST ROAD, LLC
 114 WEST ROAD
 MAP 248 LOT 8
 CANTERBURY, NEW HAMPSHIRE

JUNE 3, 2025

SCALE: 1" = 100'

0-1
 SHEET

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 PROJECT: 12609.00
 SHEET NO. 7 OF 16

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SEE SHEETS P-1 AND P-2 FOR DRAINAGE STRUCTURE INFORMATION

- LEGEND:**
- LOT LINE
 - RIGHT-OF-WAY LINE
 - - - FORMER LOT LINE
 - - - ABUTTING LOT LINE
 - - - BUILDING SETBACK
 - - - 10-FOOT CONTOUR
 - - - 2-FOOT CONTOUR
 - - - PROPOSED LOT LINE
 - - - PROPOSED CONDOMINIUM LINE
 - PROPOSED PAVEMENT
 - PROPOSED BUILDING
 - PROPOSED BASIN

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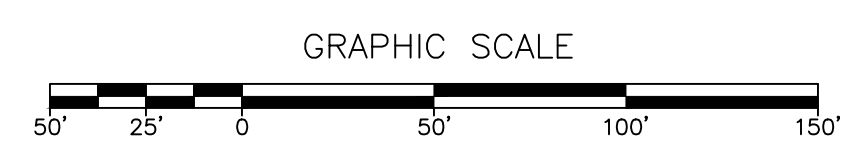
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HILDRETH'S FARM
 LAYOUT, GRADING, AND
 DRAINAGE PLAN

114 WEST ROAD, LLC
 114 WEST ROAD
 MAP 248 LOT 8
 CANTERBURY, NEW HAMPSHIRE

SP-1
 SHEET

FILE:	1260900.dwg
PROJECT:	12609.00
SHEET NO.:	8 OF 16



JUNE 3, 2025

SCALE: 1" = 50'

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LEGEND:

	LOT LINE
	RIGHT-OF-WAY LINE
	FORMER LOT LINE
	ABUTTING LOT LINE
	BUILDING SETBACK
	10-FOOT CONTOUR
	2-FOOT CONTOUR
	PROPOSED LOT LINE
	PROPOSED CONDOMINIUM LINE
	PROPOSED PAVEMENT
	PROPOSED BUILDING
	PROPOSED BASIN

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 MERIDIANLANDSERVICES.COM FAX: 603-673-1584

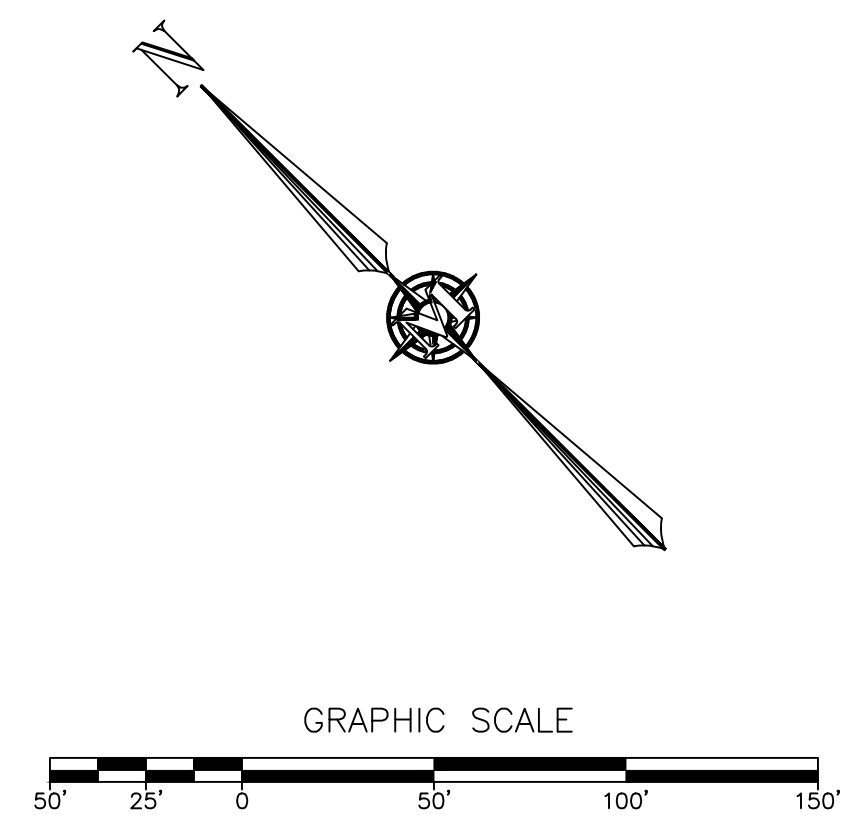
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HILDRETH'S FARM
 SITE PREPARATION PLAN

114 WEST ROAD, LLC
 114 WEST ROAD
 MAP 248 LOT 8
 CANTERBURY, NEW HAMPSHIRE

SP-2
 SHEET

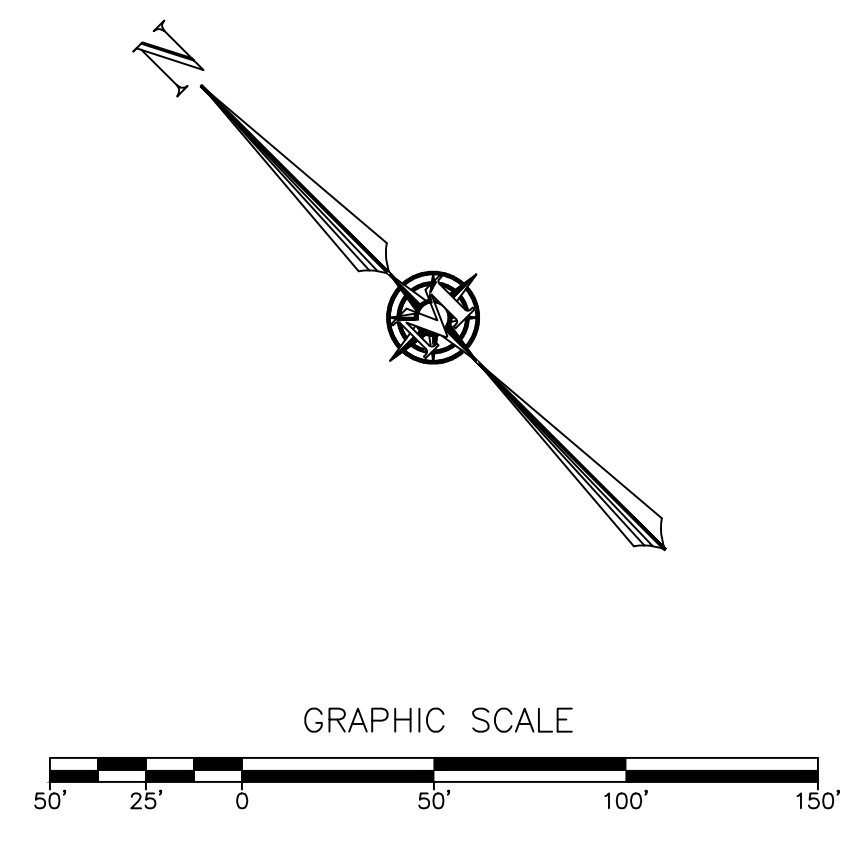
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JUNE 3, 2025

SCALE: 1" = 50'

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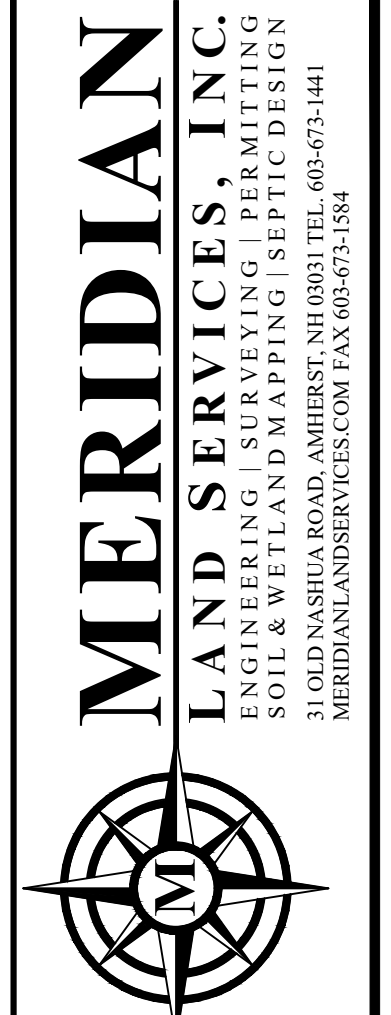
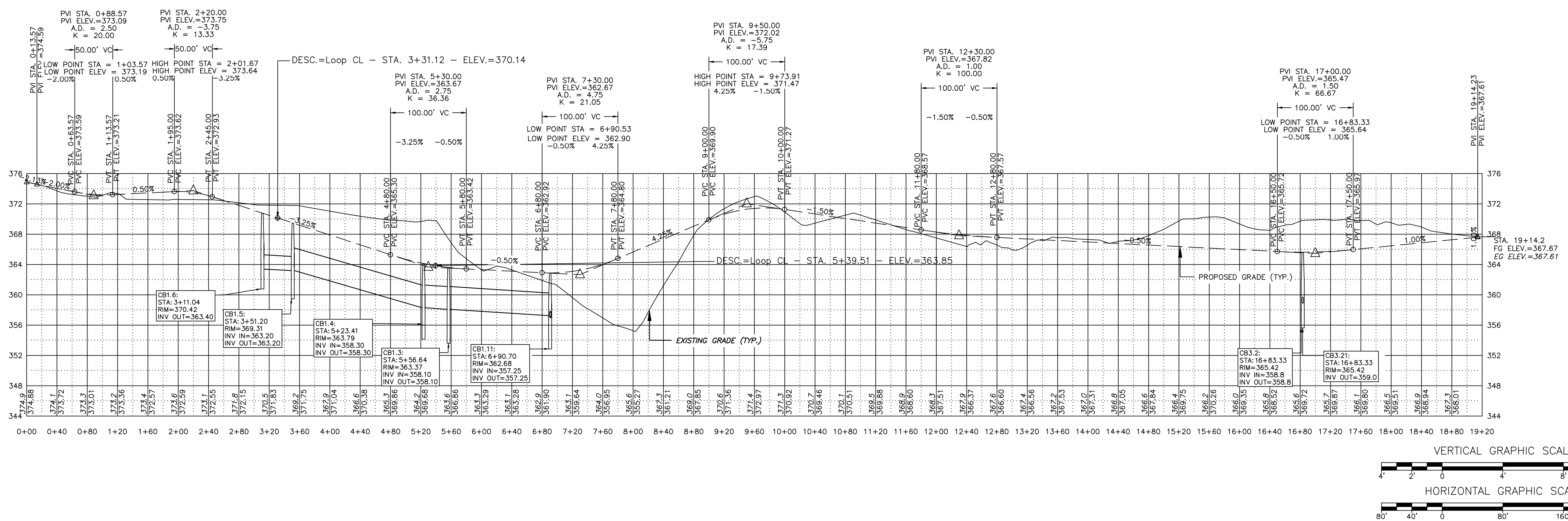
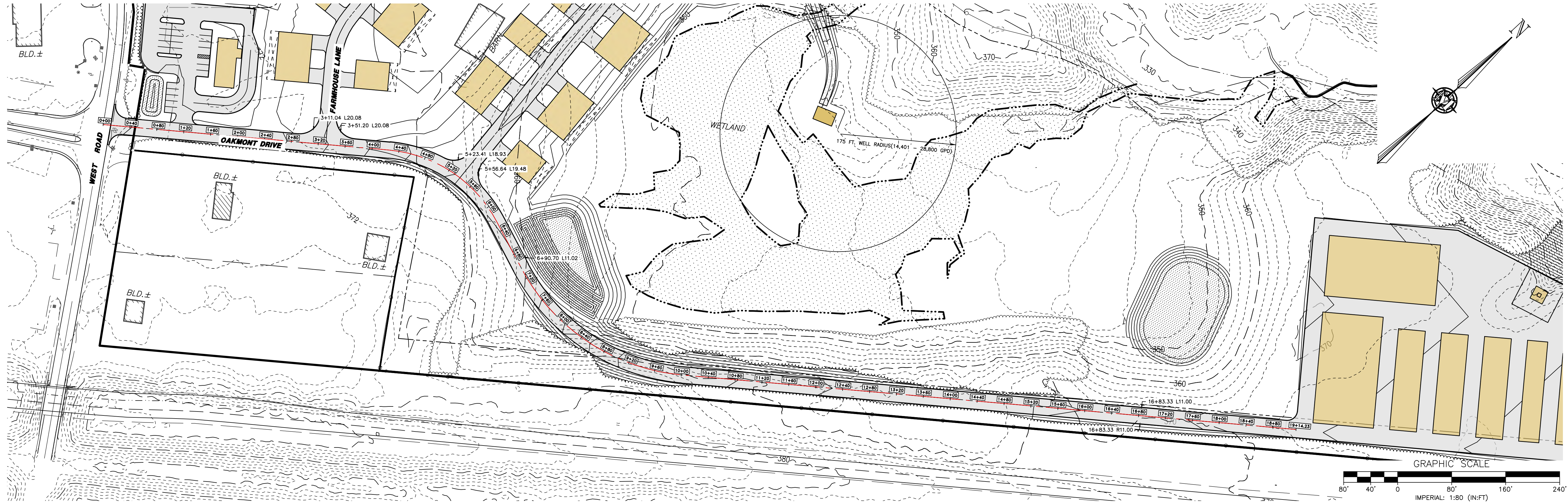


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HILDRETH'S FARM
 EROSION AND SEDIMENTATION
 CONTROL PLAN
 JUNE 3, 2025

114 WEST ROAD, LLC
 114 WEST ROAD
 MAP 248 LOT 8
 CANTERBURY, NEW HAMPSHIRE
 SCALE: 1" = 50'

SP-3
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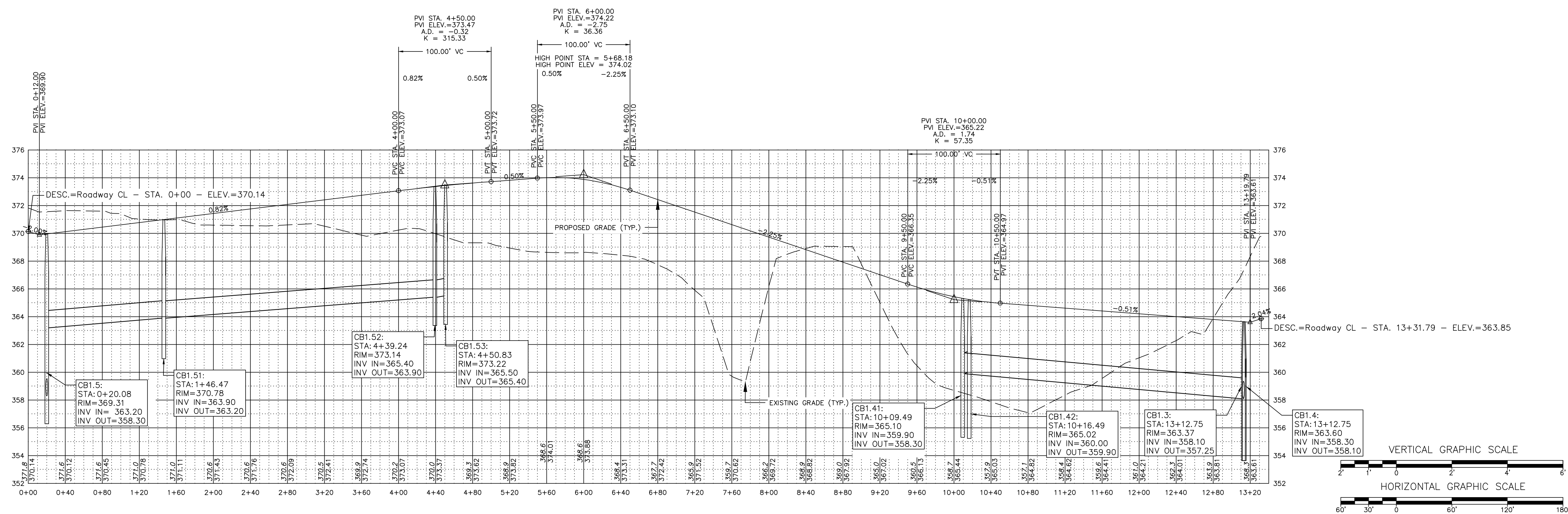


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HILDRETH'S FARM DEVELOPMENT
OAKMONT DRIVE PLAN & PROFILE

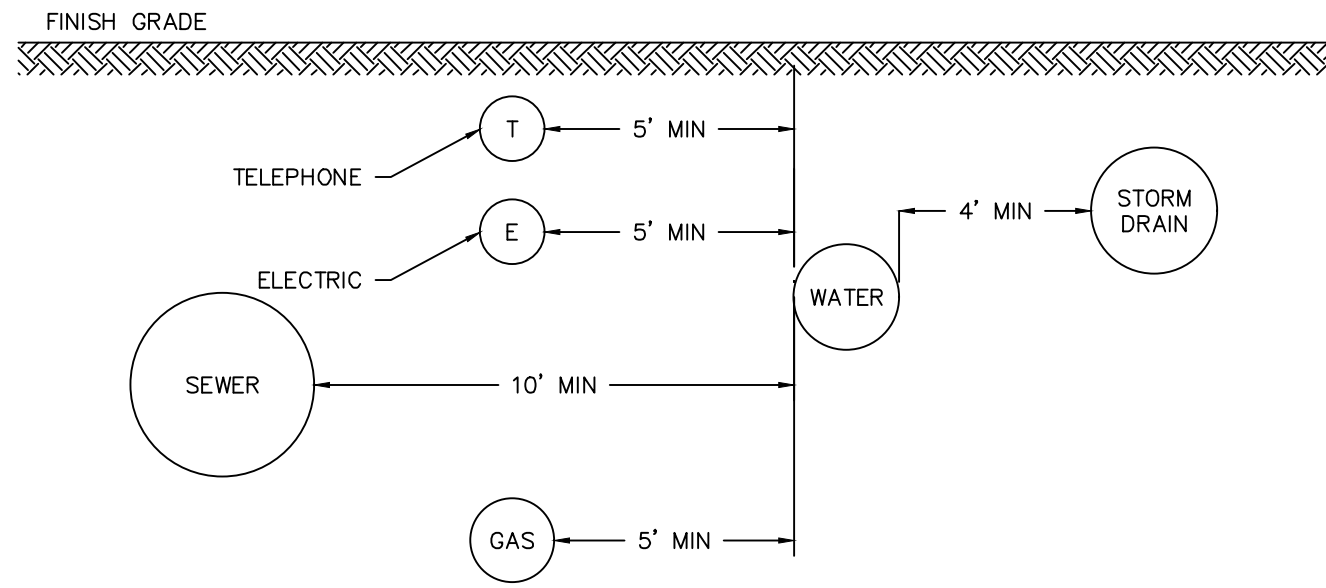
114 WEST ROAD, LLC
114 WEST ROAD
MAP 248 LOT 8
CANTERBURY, NEW HAMPSHIRE

JUNE 3, 2025
SCALE: 1" = 80'
P-1 SHEET
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PROJECT: 12609.00
SHEET NO. 11 OF 16



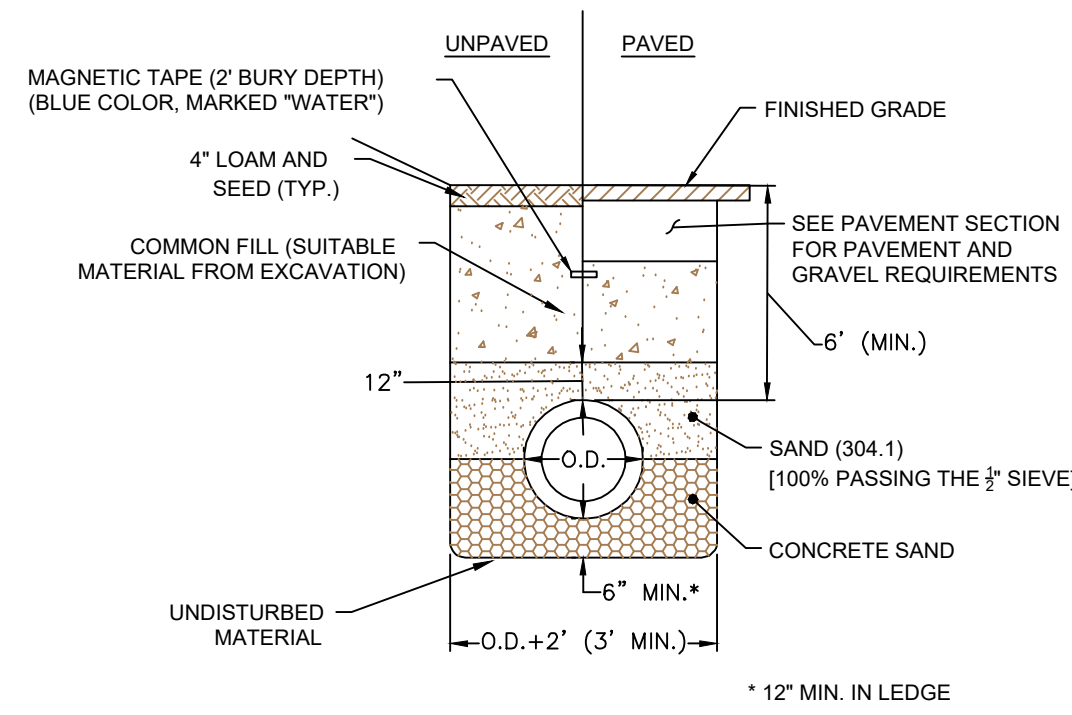
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- NOTES:**
1. ALL MATERIALS AND INSTALLATION PROCEDURES SHALL CONFORM TO TOWN OF CANTERBURY SPECIFICATIONS.
 2. ALL WATER MAIN SHOULD HAVE A MINIMUM DEPTH OF 6" FROM TOP OF PIPE TO FINISH GRADE.

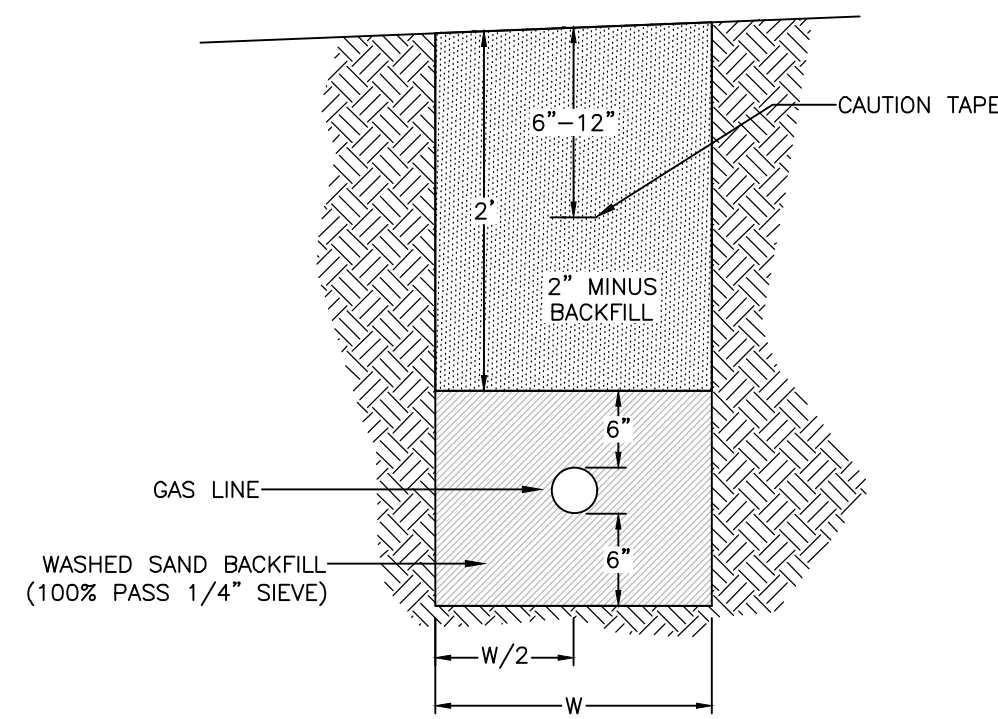
UTILITY TRENCH - HORIZONTAL SEPARATION SCALE: NONE **1**
D-1



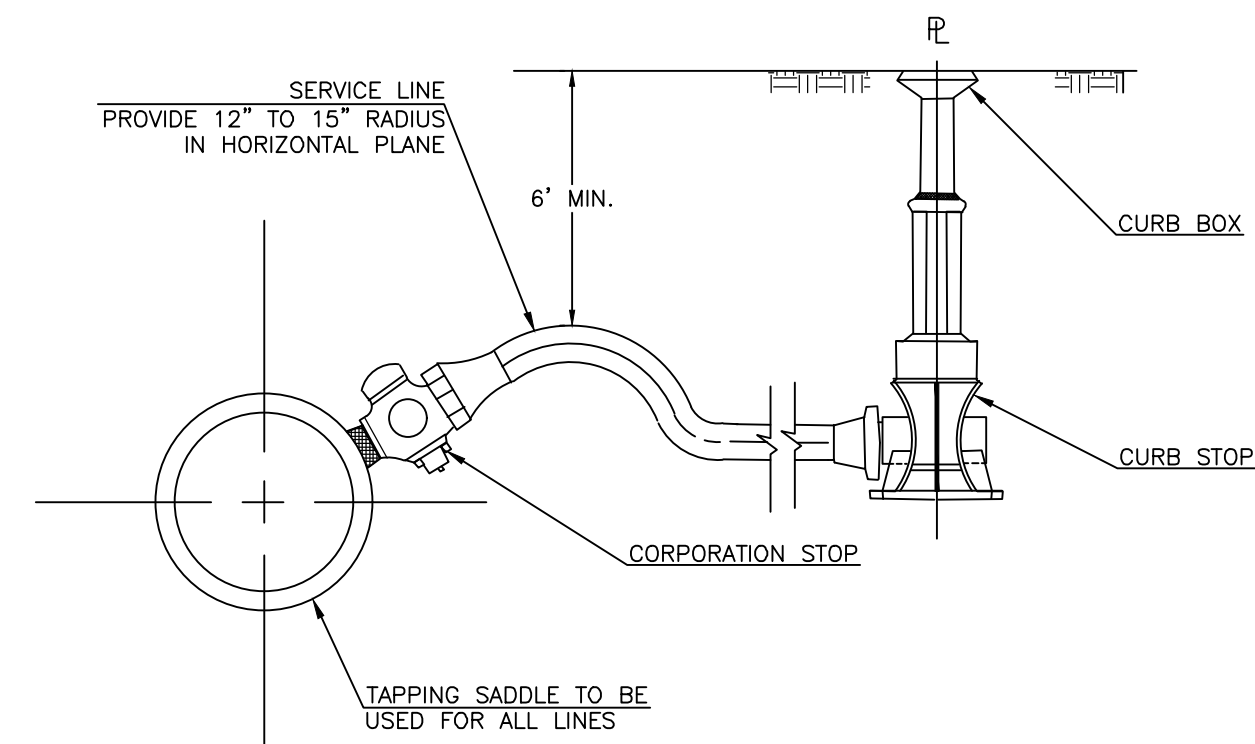
- WATER MAIN NOTES:**
- 1) ALL POTABLE WATER RELATED MATERIALS SHALL MEET MANCHESTER WATER WORKS SPECIFICATIONS.
 - 2) WATER MAIN SHALL HAVE A MINIMUM COVER OF 5'-6\".

WATER SERVICE TRENCH SECTION SCALE: NONE **4**
D-1

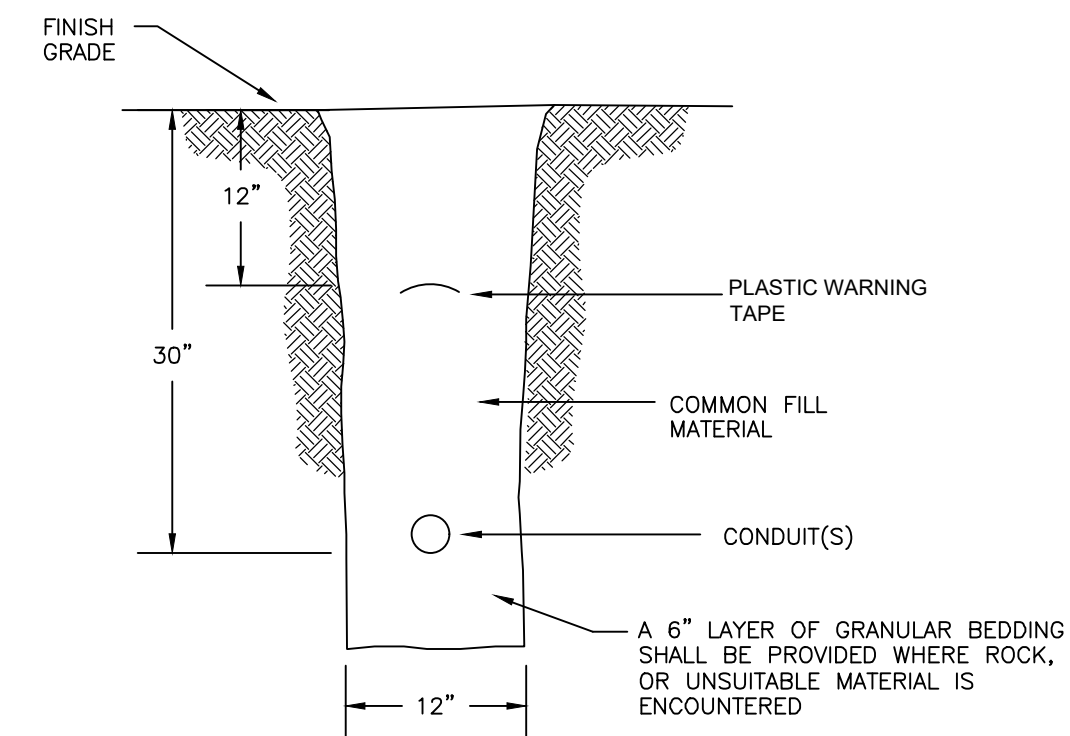
NOTE: GAS PIPING AND TRENCHING REQUIREMENTS SHALL BE TO THE SPECIFICATIONS OF GAS COMPANY.



GAS LINE TRENCH SCALE: NONE **2**
D-1



SERVICE CONNECTION 3/4\"/>



TYPICAL CONDUIT TRENCH SCALE: NONE **3**
D-1

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CONCEPTUAL CONDOMINIUM
DEVELOPMENT
UTILITY DETAILS

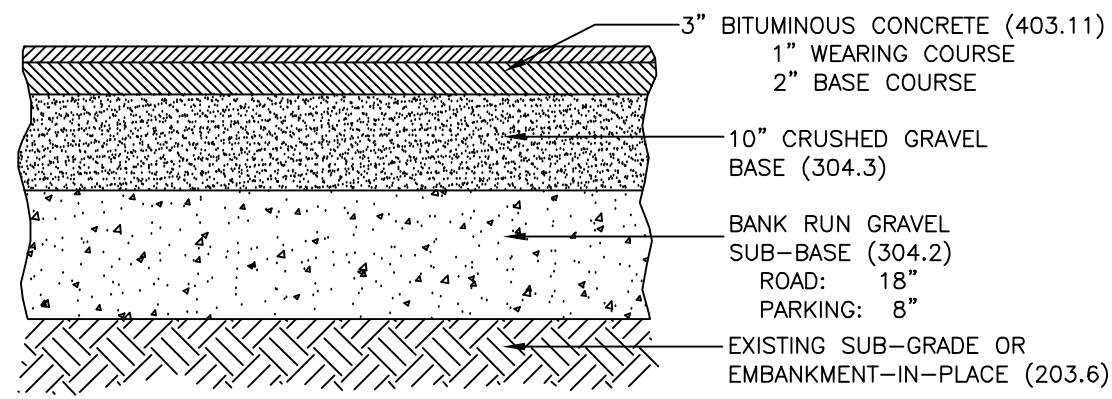
114 WEST ROAD, LLC
114 WEST ROAD
MAP 248 LOT 8
CANTERBURY, NEW HAMPSHIRE

D-1
SHEET

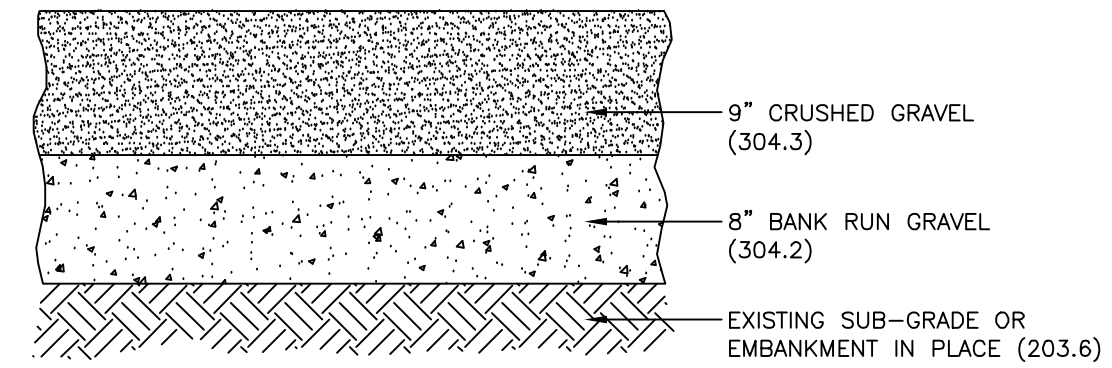
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JUNE 3, 2025

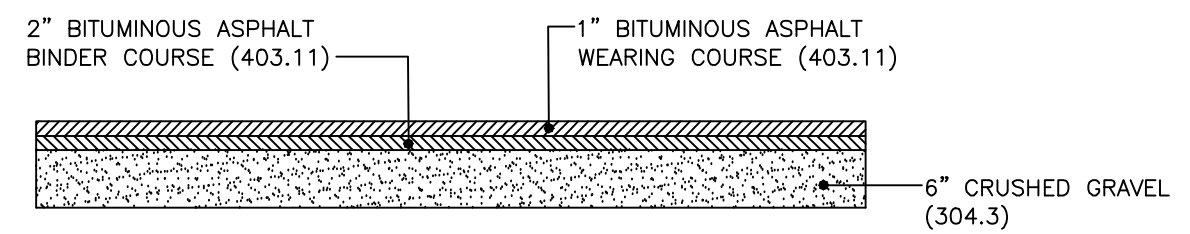
SCALE: AS NOTED



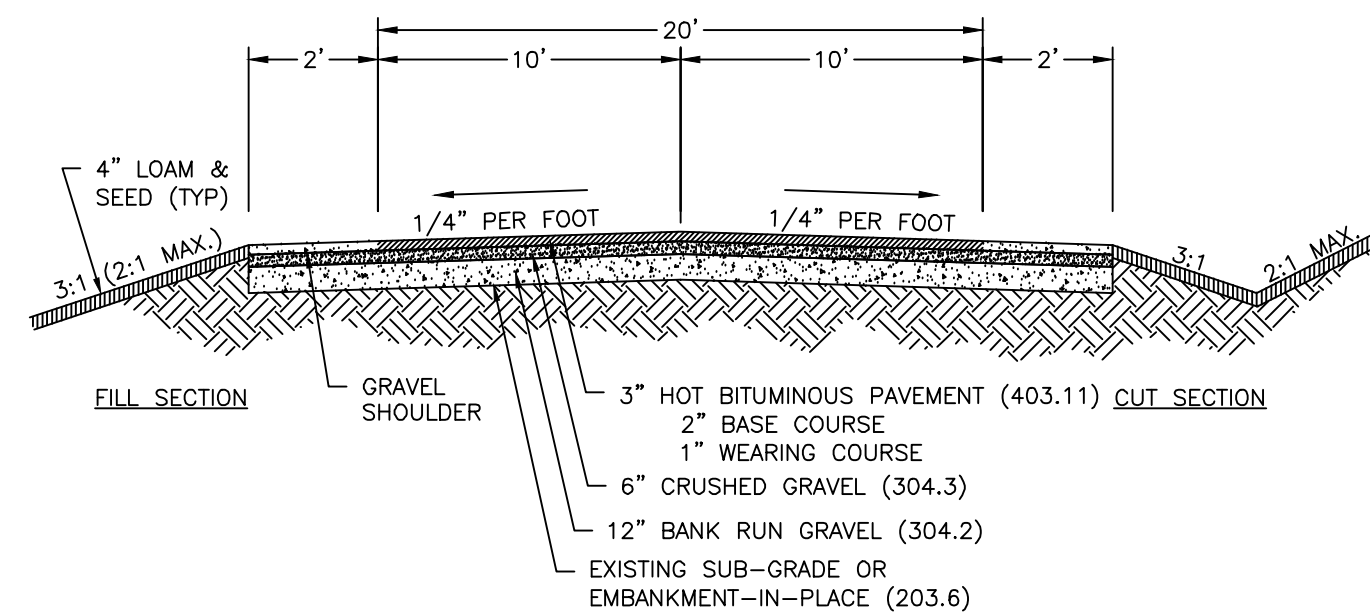
PAVEMENT - ROAD/PARKING SCALE: NONE **1** **D-2**



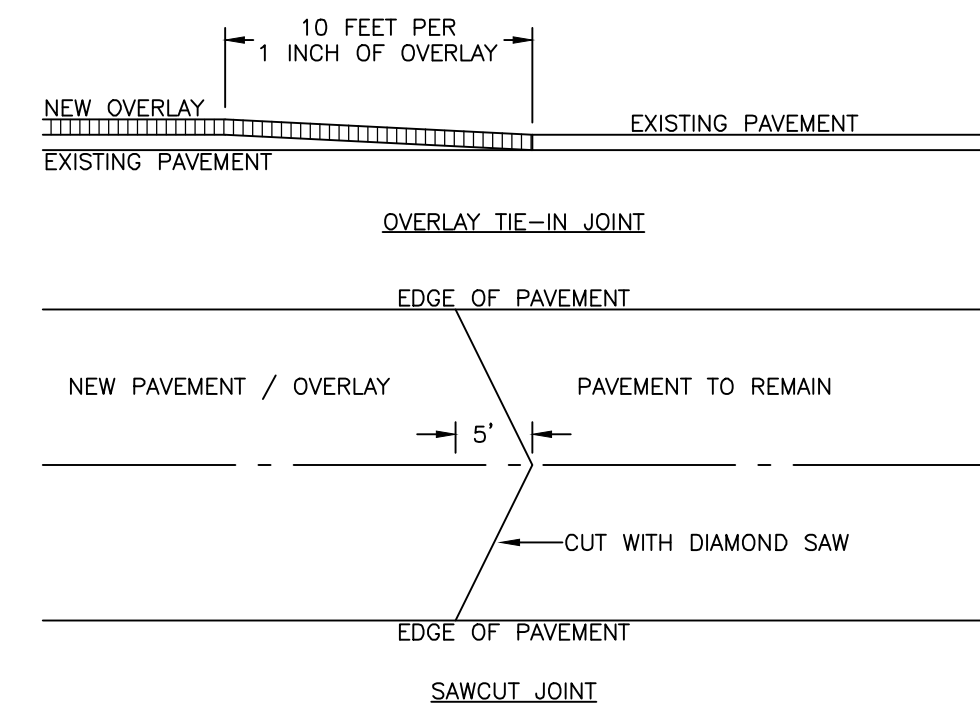
GRAVEL SECTION SCALE: NONE **2** **D-2**



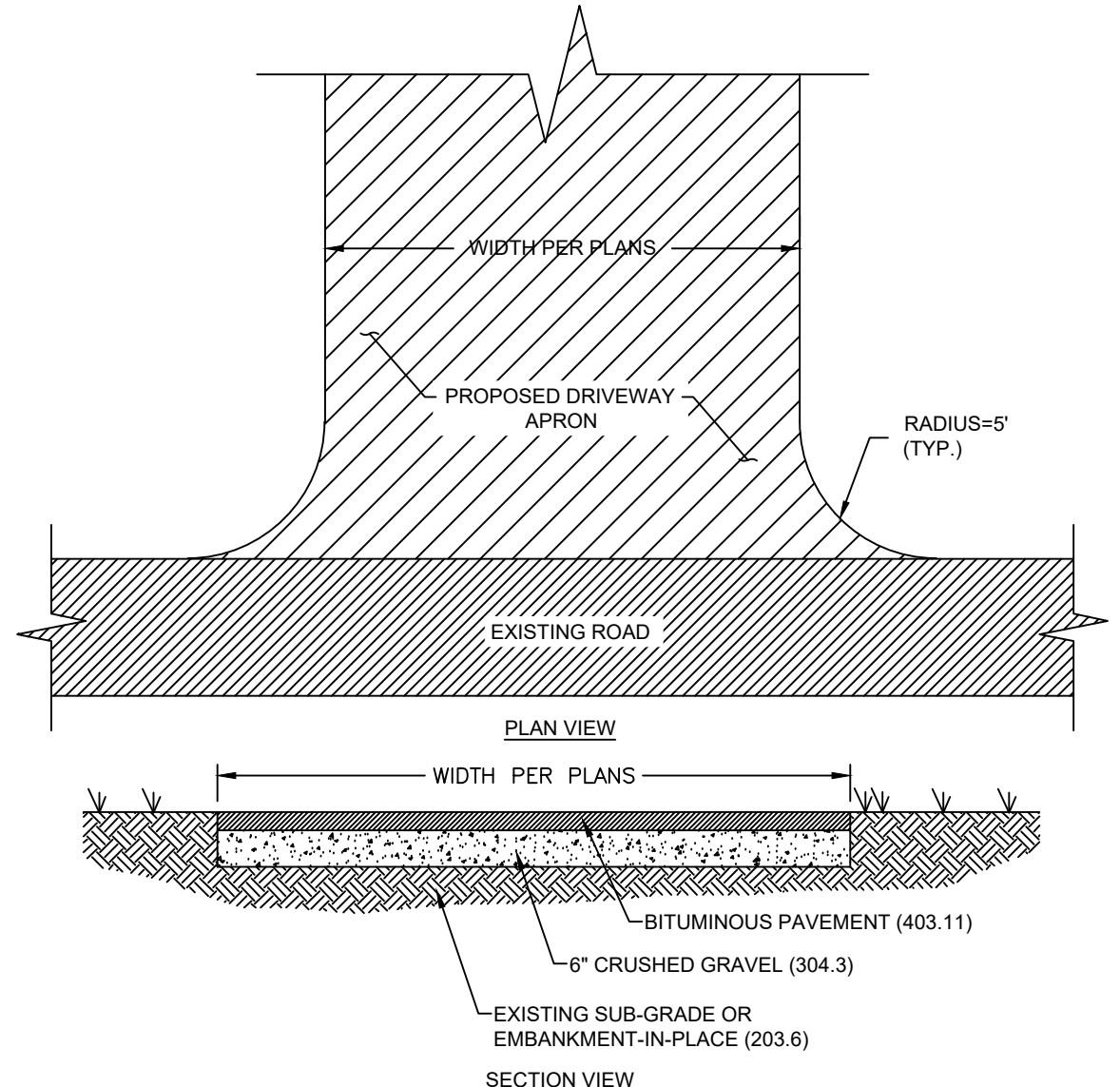
DRIVEWAY PAVEMENT SECTION SCALE: NONE **3** **D-2**



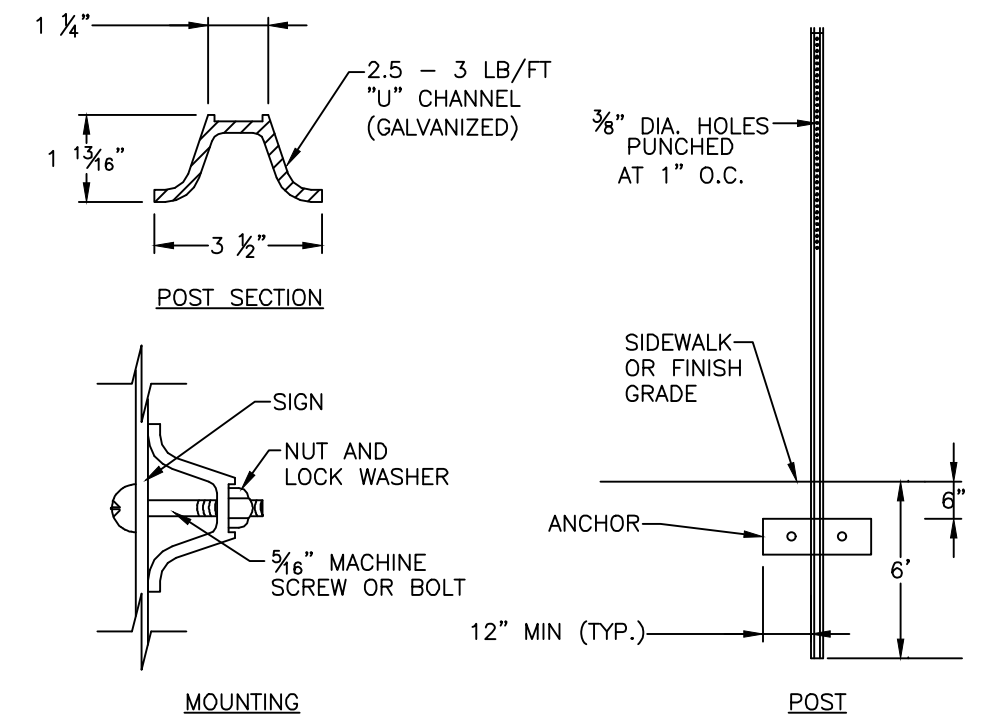
COMMON DRIVEWAY SCALE: NONE **4** **D-2**



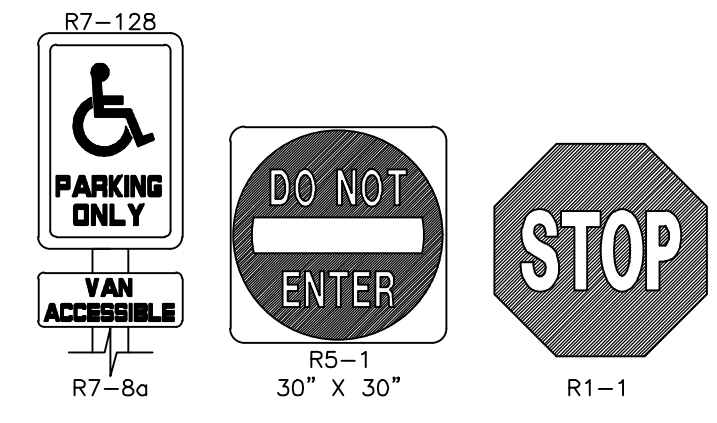
PAVEMENT JOINTS SCALE: NONE **5** **D-2**



PAVED DRIVEWAY APRON SCALE: NONE **6** **D-2**



TRAFFIC SIGNS SCALE: NONE **7** **D-2**



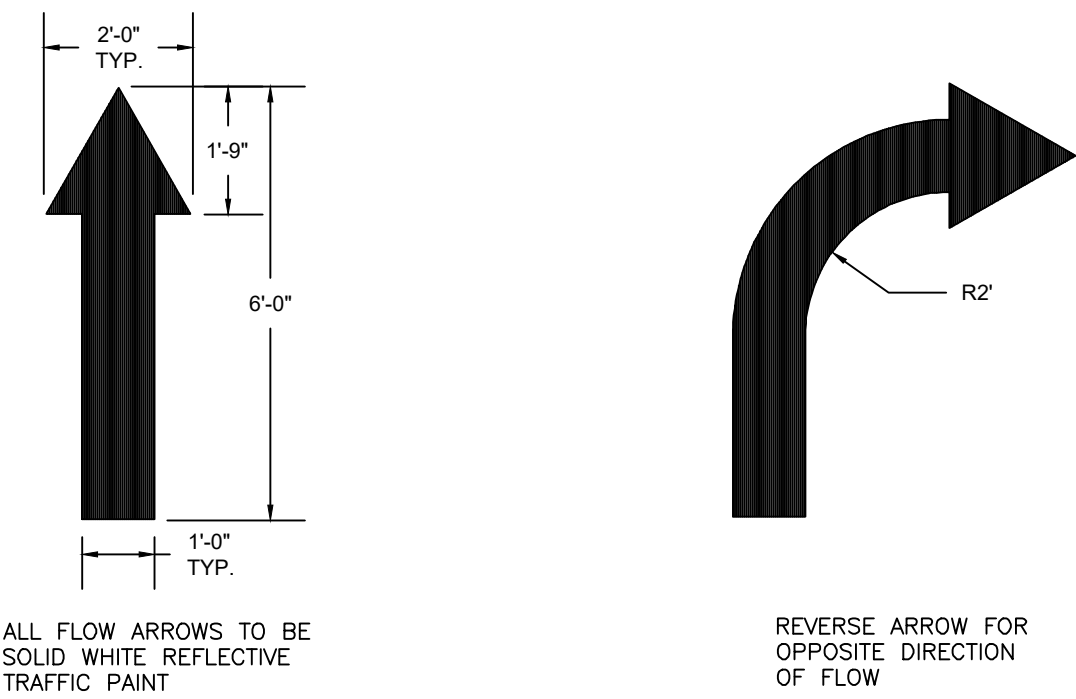
GENERAL NOTES:
 1. ALL SIGNING AND PAVEMENT MARKINGS SHALL CONFORM TO "NHOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", SECTIONS 615 AND 632, AS AMENDED, AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
 2. THE CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT OF ALL SIGNING AND PAVEMENT MARKINGS.

TRAFFIC SIGNS SCALE: NONE **8** **D-2**

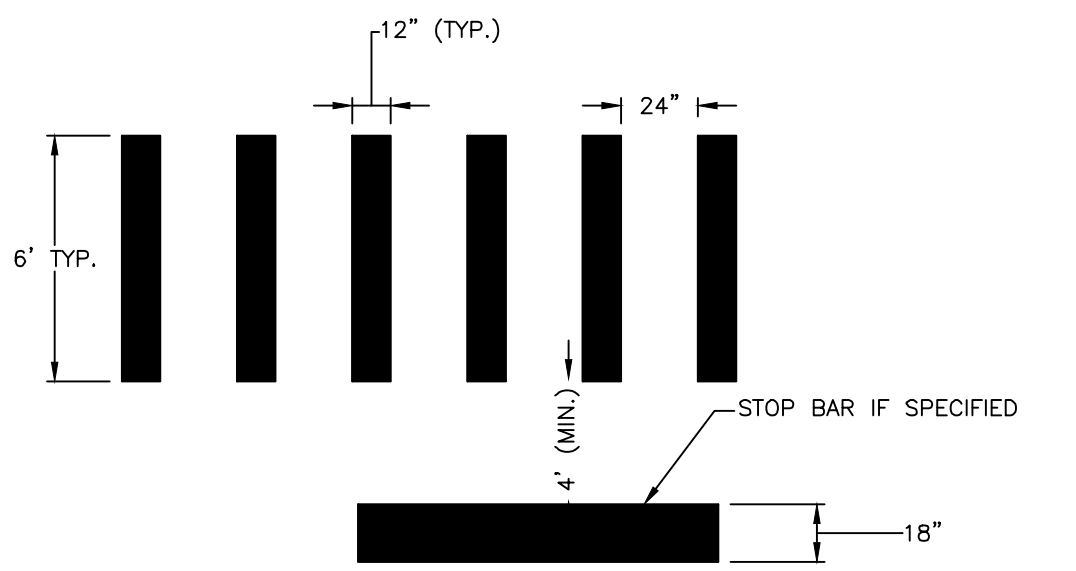


STREET SIGN NOTES:
 1. STREET SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MUTCD SIGN TYPE D3-1, GREEN IN COLOR UNLESS OTHERWISE SPECIFIED BY THE TOWN.
 2. STREET SIGN SHALL CONFORM TO THE LATEST EDITION OF THE MUTCD FOR SIGN LOCATION, MOUNTING HEIGHT, SIGN HEIGHT/WIDTH AND TEXT HEIGHT/STYLE.
 3. LETTERING ON POST-MOUNTED STREET NAMES SIGNS SHOULD BE COMPOSED OF INITIAL UPPER-CASE LETTERS AT LEAST 6 INCHES IN HEIGHT AND LOWER CASE LETTERS AT LEAST 4.5 INCHES IN HEIGHT.
 4. STREET NAME SIGN SHALL BE RETROREFLECTIVE TO SHOW THE SAME SHAPE AND COLOR BOTH DAY AND NIGHT. NAME AND BORDER SHALL CONTRAST WITH THE BACKGROUND COLOR.
 5. SIGN HEIGHT SHALL BE 8" WITH A WIDTH NOT TO EXCEED 48".
 6. SIGN SHALL BE AN EXTRUDED ALUMINUM PANEL.

STREET SIGN SCALE: NONE **9** **D-2**



PAINTED PAVEMENT MARKINGS - ONSITE SCALE: NONE **10** **D-2**



NOTES:
 1. ALL WORDS AND SYMBOLS SHALL BE RETROREFLECTIVE WHITE AND SHALL CONFORM TO THE LATEST EDITION OF THE MUTCD.
 2. PREFORMED WORDS AND SYMBOLS SHALL BE PRE-CUT BY THE MANUFACTURER.
 3. ALL STOP BARS, WORDS, AND CROSSWALKS SHALL BE THERMOPLASTIC

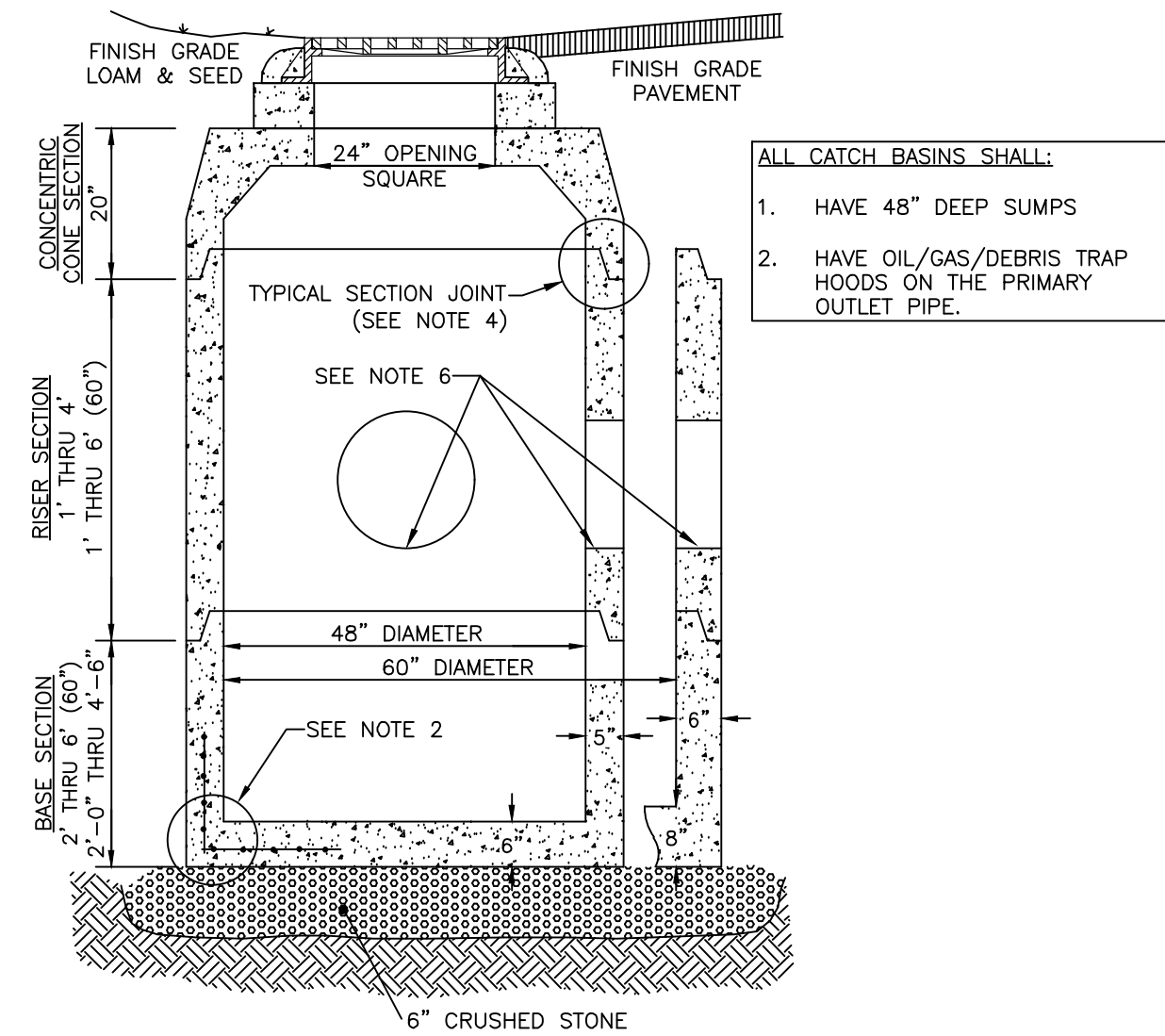
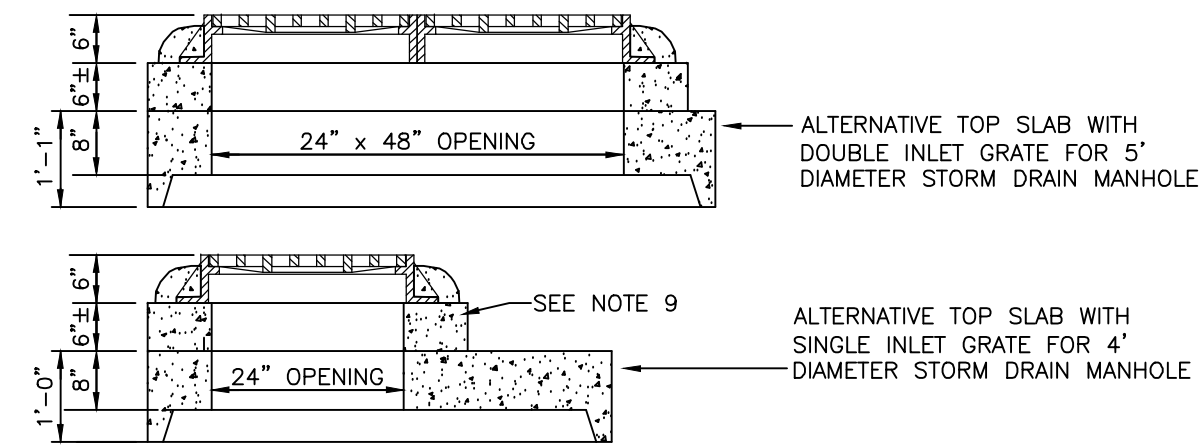
CROSSWALK AND STOP BAR MARKING DETAIL SCALE: NONE **11** **D-2**



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CONCEPTUAL CONDOMINIUM
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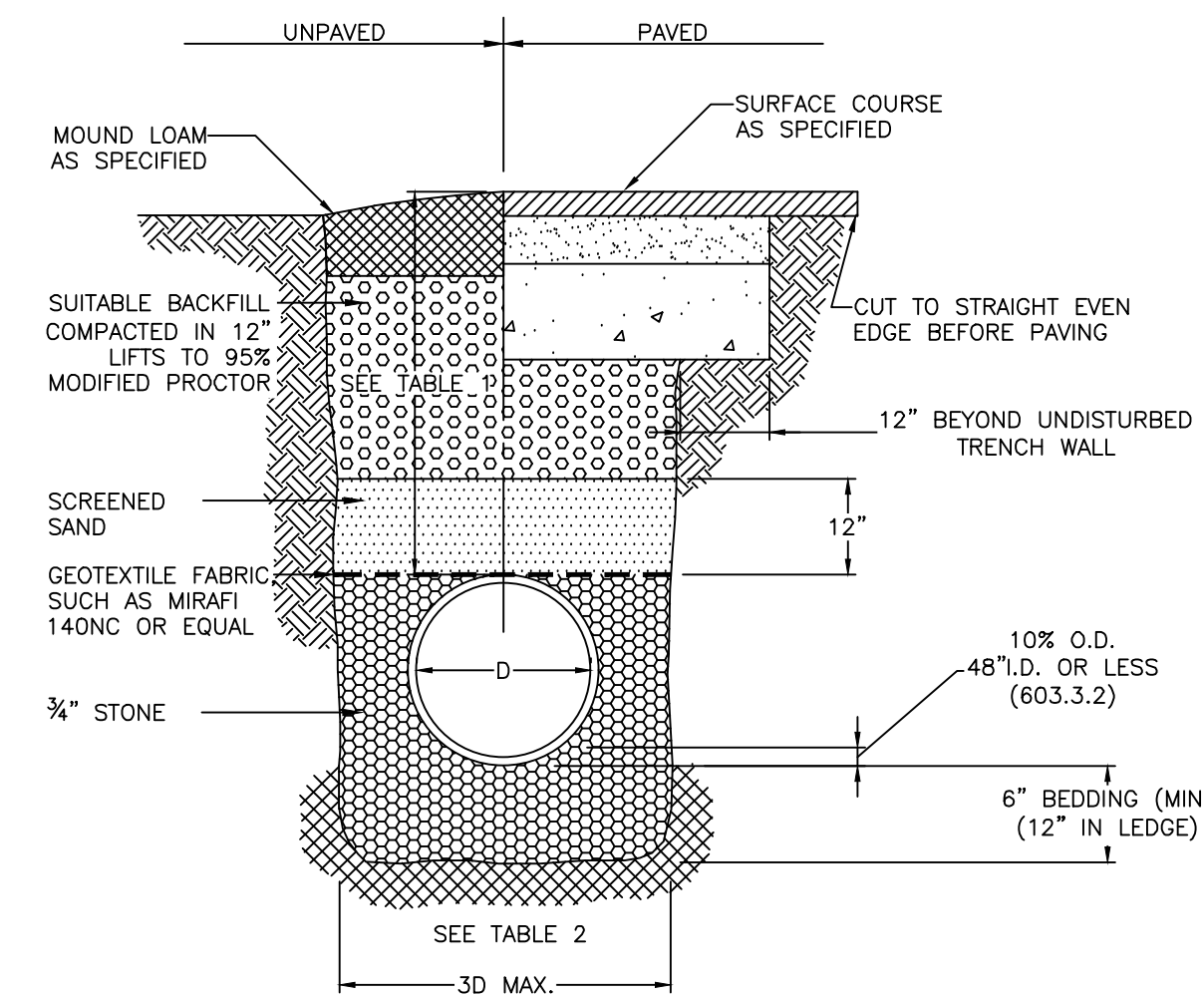
114 WEST ROAD, LLC
 114 WEST ROAD
 MAP 248 LOT 8
 CANTERBURY, NEW HAMPSHIRE



- ALL CATCH BASINS SHALL:**
- HAVE 48" DEEP SUMPS
 - HAVE OIL/GAS/DEBRIS TRAP HOODS ON THE PRIMARY OUTLET PIPE.

- NOTES:**
- STORM DRAIN MANHOLE SHALL BE SUPPLIED BY CONCRETE SYSTEMS, INC., HUDSON, NH OR EQUAL.
 - REINFORCING STEEL SHALL CONFORM TO THE LATEST ASTM SPECIFICATION: 0.12 SQ.IN./LINEAR FT. AND 0.12 SQ.IN. (BOTH WAYS) BASE BOTTOM.
 - CONCRETE COMPRESSIVE STRENGTH - 4000 PSI MINIMUM.
 - TYPICAL SECTION JOINT SHALL BE SEALED WITH BUTYL RUBBER AND SHALL CONFORM TO ASTM C443 SPEC. AND FED SPEC. SS-5-210A.
 - MANHOLE DESIGN SPECIFICATIONS SHALL CONFORM TO THE LATEST ASTM C478 SPEC. FOR "PRECAST REINFORCED CONCRETE MANHOLE SECTIONS".
 - ALL PIPING SHALL BE SEALED WITH NON SHRINK GROUT.
 - ALTERNATIVE TOP SLAB IS TO BE STEEL REINFORCED TO MEET OR EXCEED H-20 LOADING.
 - INLET GRATE AND FRAME IS TO BE NEENAH MODEL R-3405 FOR SINGLE GRATE AND MODEL R-3405-A FOR A DOUBLE GRATE STRUCTURE, OR EQUAL.
 - INLET FRAME IS TO BE ADJUSTED TO GRADE WITH A MINIMUM OF TWO (2) COURSES OF BRICK OR ONE SOLID CONCRETE RING AND GROUT. SEALED IN PLACE WITH NON SHRINK GROUT.
 - STORM DRAIN MANHOLE IS TO BE SET ON 6" OF 3/4" STONE BEDDING.
 - THE 48" DIAMETER STORM DRAIN MANHOLE SHALL BE RESTRICTED TO PIPES OF 24" IN DIAMETER OR LESS. THE 60" DIAMETER STORM DRAIN SHALL BE RESTRICTED TO PIPES OF 36" IN DIAMETER OR LESS.
 - ALL DRAINAGE STRUCTURES SHALL CONFORM TO NHDOT STANDARDS.
 - ALL CATCH BASINS SHALL:
 - HAVE 48" SUMPS
 - HAVE OIL/GAS/DEBRIS TRAP HOODS ON THE PRIMARY OUTLET PIPE

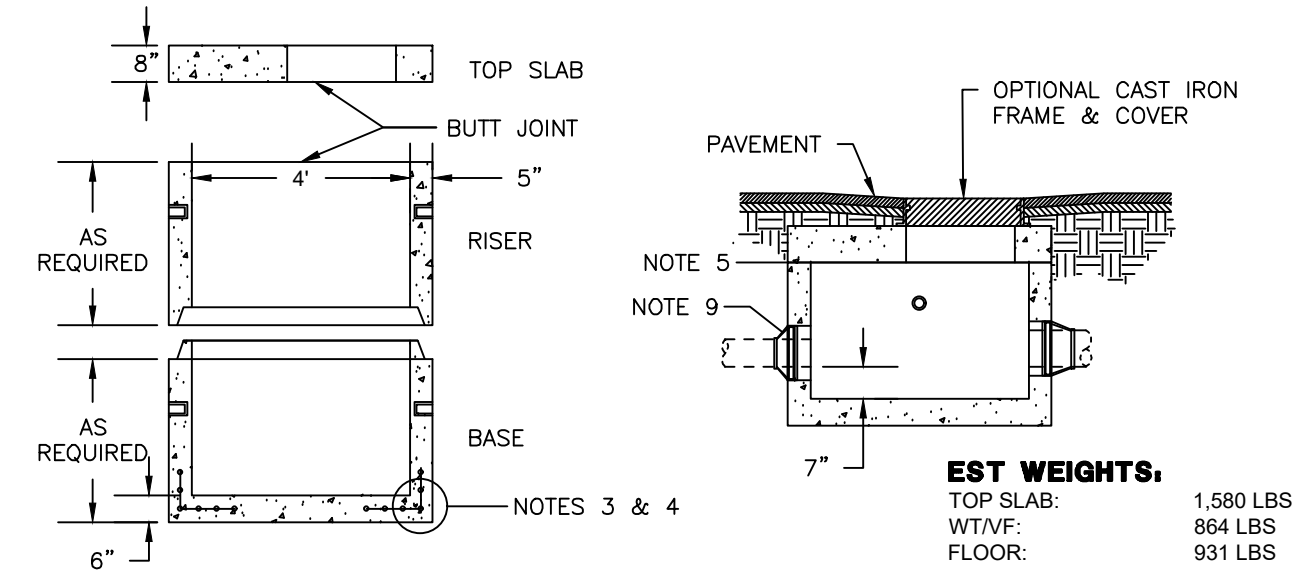
STORMSEWER CATCH BASIN (CB) SCALE: NONE **1 D-3**



LOCATION	PIPE MATERIAL	MINIMUM COVER
PAVED ROADS	ALL	3 FT.
UNPAVED ROADS	ALL	3 FT.
DRIVEWAYS	ALL	1 FT.
UNPAVED AREAS	ALL	2 FT.

INSIDE DIAMETER	TOTAL WIDTH
12" TO 24"	I.D. + 24"
OVER 24"	2 x I.D.

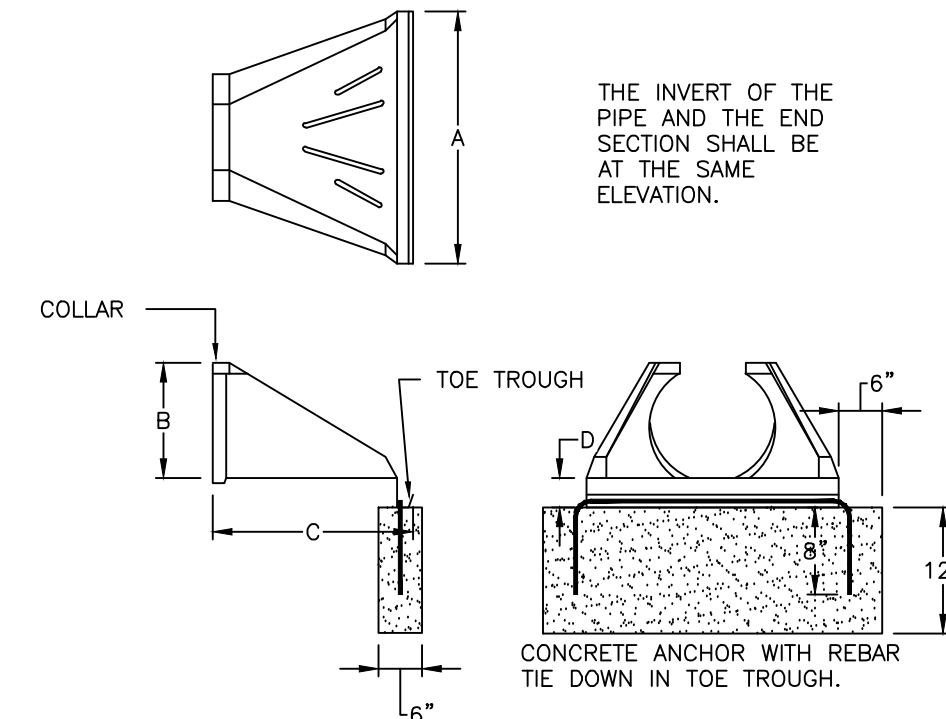
TYPICAL DRAINAGE PIPE TRENCH SCALE: NONE **2 D-3**



- GENERAL NOTES**
- CONCRETE: FC = 4,000 PSI @ 28 DAYS MINIMUM, TYPE III CEMENT
 - HS-20 DESIGN LOADING CONFORMS TO LATEST SPECIFICATIONS ASTM C478, AASHTO M199 PRECAST REINFORCED CONCRETE MANHOLE SECTIONS.
 - ONE POUR MONOLITHIC BASE SECTION
 - STEEL REINFORCEMENT CONFORMS TO LATEST ASTM SPECIFICATION: ASTM A-615, GRADE 60 BLACK DEFORMED BARS
ASTM A-185 WELDED WIRE FABRIC
0.12 SQ. IN./LINEAR FT. AND 0.12 SQ. IN.(BOTH WAYS) BASE BOTTOM
 - BUTYL RUBBER JOINT SEALANT PROVIDED CONFORMS TO ASTM C-990 AND FEDERAL SPEC SS-S-210A
 - 94 GALLONS/WF
 - HOLES & ELEVATIONS TBD
 - SECTIONS AVAILABLE IN INCREMENTS OF 6"
 - BOOTED PIPE CONNECTIONS (IF USED) CONFORM TO ASTM C-923.
MAXIMUM BOOTED CONNECTION PIPE SIZE IS 24"
 - MAXIMUM PIPE OD IS 32" (24" RCP)
 - PLASTIC MANHOLE STEPS (IF REQUIRED) ARE STEEL REINFORCED CONFORMING TO ASTM C-478

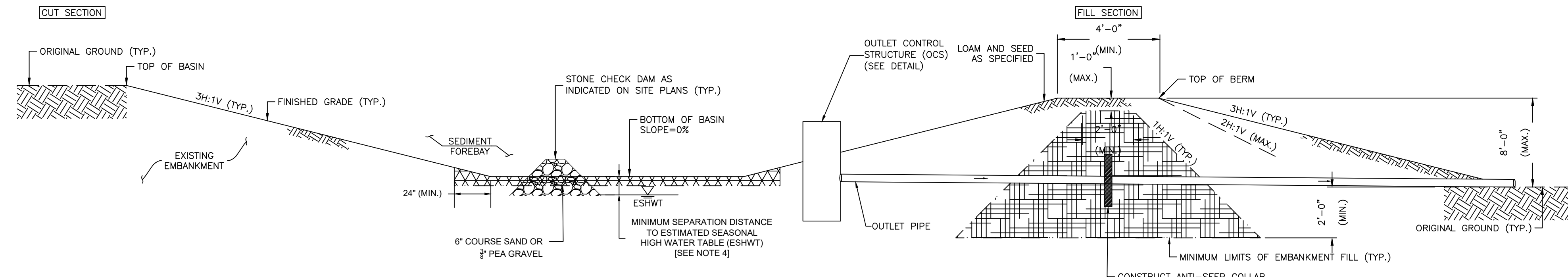
4 FOOT DIAMETER DRAIN MANHOLE - SHALLOW SCALE: NONE **3 D-3**
[PHOENIX PRECAST PRODUCTS]

DIMENSION	10-12	15	18	24	30	36
A	42	41	49	59.50	88	88
B	14.50	19	22	28	36	43
C	33	34	43	48	63.50	66.50
D	6	6	6	6	6	6



FLARED END SECTION (FES) - HDPE SCALE: NONE **4 D-3**

SURFACE BASIN	TOP OF BERM/BASIN	BOTTOM OF BASIN	TEST PIT NUMBER	ORIGINAL GROUND	DEPTH TO SHWT (IN)	SHWT ELEVATION	BOTTOM OF BASIN SEPARATION TO SHWT
INFILTRATION BASIN A	361.00	357.00	9	354.72	29	352.30	4.70
INFILTRATION BASIN B	372.00	368.00	10	372.02	102	363.52	4.48
INFILTRATION BASIN C	356.00	352.00	3	347.28	46	343.45	8.55
INFILTRATION BASIN D	359.00	355.00	22	354.46	42	350.96	4.04
INFILTRATION BASIN E	370.00	371.00	14	368.90	38	365.73	5.27



US STANDARD SIEVE SIZE (IN/MM)	PERCENT PASSING
3"	100
3/4"	75-100
#4	65-90
#40	10-70
#100	25-60
#200	15-50

STORMWATER BASIN - SURFACE INFILTRATION BASIN SCALE: NONE **5 D-3**



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CONCEPTUAL CONDOMINIUM DEVELOPMENT DRAINAGE DETAILS
JUNE 3, 2025

114 WEST ROAD, LLC
114 WEST ROAD
MAP 248 LOT 8
CANTERBURY, NEW HAMPSHIRE
SCALE: AS NOTED

D-3 SHEET
FILE: 12609V00.dwg
PROJECT 12609.00
SHEET NO. 15 OF 16

GENERAL EROSION AND SEDIMENTATION CONTROL AND WATER QUALITY PROTECTION NOTES:

- ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL (NHDES) ALTERATION OF TERRAIN (AOT) PERMITTING PROGRAM RULES (ENV-WO 1500), THE NEW HAMPSHIRE STORMWATER MANAGEMENT MANUAL, AND THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION (NHDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (STANDARD SPEC).
- ALL EARTH MOVING ACTIVITIES OR TERRAIN ALTERATION SHALL BE IN ACCORDANCE WITH THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL (NHDES) SURFACE WATER QUALITY (SWQ) STANDARDS (ENV-WO 1700) REGARDLESS OF WHETHER A PERMIT IS REQUIRED AND/OR ISSUED.
- PRIOR TO EARTH MOVING OPERATIONS:
 - IN AREAS WHERE THE LIMITS OF WORK ARE WITHIN FIFTEEN FEET (15') OF JURISDICTIONAL WETLANDS OR OTHER REGULATORY RESOURCES (IE SHORELAND PROTECTION, ORDINARY HIGH WATER MARK (OHWM), STREAM/OPEN WATER TOP OF BANK (TOB), ETC.), THE LIMITS OF THE RESOURCE SHALL BE DELINEATED WITH ORANGE CONSTRUCTION DEMARCATION FENCE. IN AREAS OF PERMITTED IMPACT TO RESOURCES, THE LIMITS OF WORK (IE LIMITS OF DISTURBANCE) SHALL BE MARKED. SAID FENCING SHALL BE SET SIX INCHES (6") ABOVE GRADE TO ALLOW FOR WILDLIFE PASSAGE.
 - CONSTRUCT NECESSARY EROSION AND SEDIMENTATION CONTROLS (IE PERIMETER CONTROLS, STABILIZED CONSTRUCTION ENTRANCE, CHECK DAMS, INLET PROTECTION, ETC.) FOR THE PROTECTION OF EXISTING ONSITE/OFFSITE PRACTICES, IN ACCORDANCE WITH APPROVED STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND EROSION AND SEDIMENTATION CONTROL PLANS.
- STORMWATER TREATMENT PONDS AND DRAINAGE SWALES SHALL BE CONSTRUCT PRIOR TO ROUGH GRADING THE SITE.
- RUNOFF SHALL BE DIRECTED TO TEMPORARY PRACTICES UNTIL STORMWATER BEST MANAGEMENT PRACTICES ARE STABILIZED.
- STORMWATER PONDS, DITCHES AND SWALES MUST BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
- ROADWAYS AND PARKING AREAS MUST BE STABILIZED WITHIN SEVENTY TWO HOURS (72 HR) OF ACHIEVING FINISHED GRADE.
- CUT AND FILL SLOPES MUST BE STABILIZED WITHIN SEVENTY TWO HOURS (72 HR) OF ACHIEVING FINISHED GRADE.
- SOIL STOCKPILES FOR PERIOD LONGER THAN 30 DAYS SHALL BE STABILIZED WITH TEMPORARY SEED AND HAY MULCH AND PERIMETER CONTROLS ALONG THE DOWNSLOPE SIDE.
- ALL AREAS OF UNSTABILIZED SOIL MUST BE STABILIZED AS SOON AS PRACTICABLE BUT NO LATER THAN FORTY FIVE DAYS (45 DAY) AFTER INITIAL DISTURBANCE.
- EROSION CONTROL PRACTICES MUST BE INSPECTED AT LEAST WEEKLY AND AFTER EVERY RAIN EVENT OF 1/4 INCH (0.25") OR MORE.
- THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED AT ANY GIVEN TIME PRIOR TO STABILIZATION.
- NO MORE THAN FIVE ACRES (5 AC) SHALL BE DISTURBED (NOT STABILIZED) AT ANY TIME [SEE WINTER CONSTRUCTION NOTE 1. BELOW].
- AN AREA SHALL BE CONSIDERED STABLE WHEN IT HAS ACHIEVED A CONDITION THAT WILL NOT ERODE DURING A 10-YEAR STORM EVENT, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - A MINIMUM OF 85% VEGETATIVE COVER HAS BEEN ESTABLISHED;
 - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS BEEN INSTALLED;
 - EROSION CONTROL BLANKETS HAVE BEEN INSTALLED IN ACCORDANCE WITH ENV-WO 1506.03;
 - BASE COURSE GRAVELS HAVE BEEN INSTALLED AND COMPACTED TO A MINIMUM OF 95% OF THE DRY UNIT WEIGHT, IN ACCORDANCE WITH THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION (NHDOT) STANDARD SPECIFICATION OF ROAD AND BRIDGE CONSTRUCTION (STANDARD SPEC);
 - AN AREA HAS BEEN PAVED WITH BITUMINOUS ASPHALT CONCRETE, PORTLAND CEMENT CONCRETE, OR SIMILAR MATERIALS.
- EARTH MOVING ACTIVITIES, TERRAIN ALTERATION, AND EROSION AND SEDIMENTATION CONTROL PRACTICES SHALL MEET THE REQUIREMENTS OF RSA 430:51-57 AND THE NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES Agr 3800 'INVASIVE SPECIES'.
- FUGITIVE DUST SHALL BE CONTROLLED IN ACCORDANCE WITH WITH THE NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES ENV-A 1000 'PREVENTION, ABATEMENT, AND CONTROL OF OPEN SOURCE AIR POLLUTION'.

EROSION PROTECTION AND SEDIMENTATION CONTROL (EPSC) INSPECTION AND MAINTENANCE NOTES:

- EROSION PROTECTION AND SEDIMENTATION CONTROL (EPSC) INSPECTIONS SHALL BE IN COMPLIANCE AND TO THE STANDARDS OF THE ENVIRONMENTAL PROTECTION AGENCY (EPA) CONSTRUCTION GENERAL PERMIT (CGP).
- ALL EROSION CONTROL MEASURES SHALL BE REVIEWED AND CORRECTIONS MADE CONTINUOUSLY, TO KEEP PRACTICES IN MAINTAINED AND GOOD WORKING ORDER, THROUGHOUT THE CONSTRUCTION PROCESS. DOCUMENTED INSPECTIONS SHALL BE CONDUCTED EVERY SEVEN (7) CALENDAR DAYS AND/OR WITHIN 24 HOURS OF A 1/4 INCH RAINFALL EVENT, OR MORE FREQUENTLY AS REQUIRED.
- DETAILED MAINTENANCE AND INSPECTION REPORTS SHALL BE FILLED OUT AT THE TIME OF EACH INSPECTION BY A COMPETENT INDIVIDUAL APPOINTED BY THE CONTRACTOR OR OWNER. THE INSPECTOR WILL BE TRAINED IN INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER. IF A CORRECTIONS/REPAIRS ARE NECESSARY, THEY WILL BE INITIATED WITHIN 24 HOURS OF REPORT. COPIES OF THE WEEKLY INSPECTION REPORTS SHALL BE AVAILABLE ONSITE FOR REVIEW.
- MAINTENANCE OF EROSION PROTECTION AND SEDIMENTATION CONTROLS (EPSC) SHALL BE IN ACCORDANCE WITH THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL (NHDES) ALTERATION OF TERRAIN (AOT) PERMITTING PROGRAM RULES (ENV-WO 1500), THE NEW HAMPSHIRE STORMWATER MANAGEMENT MANUAL, AND AS FOLLOWS:
 - TEMPORARY VEGETATION AND/OR PERMANENT TURF, NOT ACHIEVING 85% VEGETATIVE COVER BY OCTOBER 15TH, OR EXHIBITING EROSION CONDITIONS (IE RILLS, WASHOUTS, ETC.) ANYTIME OF THE YEAR SHALL REQUIRE ADDITIONAL EROSION CONTROLS (IE HAY MULCH, STONE APPLICATION, EROSION CONTROL BLANKETS, TACKIFIERS, ETC.).
 - EROSION CONTROL BLANKETS WHICH HAVE BECOME DISPLACED OR DAMAGED SHALL BE SET/RESET IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS, WHICH MAY ALSO REQUIRE REPAIR AND RESEEDING OF THE AFFECTED AREA.
 - PERIMETER CONTROLS (IE SILT FENCE, COMPOST SOCK, EROSION CONTROL MIX BERM, HAYBALE BARRIERS ETC.) WHICH HAVE BECOME DISLODGED, OVERTOPPED, OR BROKEN OPEN SHALL BE SET/RESET AND/OR REPAIRED AS REQUIRED TO KEEP THEM IN WORKING FUNCTIONAL ORDER. SEDIMENTS SHALL BE REMOVED AS NEEDED, IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, OR ACCUMULATED TO 1/2 THE HEIGHT OF THE PRACTICE.
 - CHECK DAMS (IE STONE CHECK DAM, COMPOST SOCK, TIMBER CHECK DAM, ETC.) WHICH HAVE BECOME DISLODGED, OVERTOPPED, OR BROKEN OPEN SHALL BE SET/RESET AND/OR REPAIRED AS REQUIRED TO KEEP THEM IN WORKING FUNCTIONAL ORDER. SEDIMENTS SHALL BE REMOVED AS NEEDED, IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, OR ACCUMULATED TO 1/2 THE HEIGHT OF THE PRACTICE. WHERE DOWNSTREAM AREAS HAVE SILTATION OR WATERS ARE TURBID, CHECK DAMS SHALL BE ADJUSTED TO PREVENT SUCH ILLICIT DISCHARGES AS REQUIRED.
 - STORM SEWER INLET PROTECTION (IE DANDY BAG, INLET FILTER BASKET, COMPOST SOCK, ETC.) PRACTICES SHALL BE CLEANED OF SEDIMENTS AS NEEDED, IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, OR ACCUMULATED TO 1/2 THE HEIGHT OF THE DEVICE.
 - STABILIZED CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION TO WHEN TRACKING OR FLOWING OF SEDIMENTS OFFSITE. WHICH MAY REQUIRE TOP DRESSING WITH ADDITIONAL STONE OR REPLACEMENT OF STONE PAD. ANY SEDIMENTS TRACKED, SPILLED, OR DRIVEN OFFSITE BY OTHER MEANS SHALL BE REMOVED PROMPTLY.
 - SEDIMENT TRAPS, SETTLEMENT BASINS, CONCRETE WASHOUT AREAS, AND FILTER BARRIERS SHALL BE CLEANED AND IF NECESSARY REPLACED WHEN DISCHARGED RUNOFFS NO LONGER FLOW OUT OF PRACTICE, OUTFLOW IS LADEN WITH SEDIMENTS, DOWNSTREAM AREAS EXHIBIT SILTATION, OR THEY ARE NO LONGER EFFECTIVELY FILTERING TURBIDITY. AND SHALL BE CLEANED OF SEDIMENTS AS NEEDED, IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, OR ACCLIMATED TO 1/2 THE PRACTICE VOLUME.
 - DIVERSION SWALES DAMAGED BY CONSTRUCTION TRAFFIC OR OTHER ACTIVITIES SHALL BE REPAIRED BEFORE THE END OF EACH WORKING DAY. SEDIMENT SHALL BE CLEANED AFTER EVERY RAIN EVENT OF 1/2 INCH OR MORE.
 - CONVEYANCE SWALES WHICH EXHIBIT EXCESSIVE EROSION SHALL BE RESHAPED AND LINED WITH RIPRAP OR STONE FILL TO PREVENT FURTHER DETERIORATION.
- UPON COMPLETION OF CONSTRUCTION AND ACHIEVING FULL SITE STABILIZATION TEMPORARY SEDIMENTATION AND EROSION CONTROL PRACTICES SHALL BE REMOVED, AREAS DISTURBED BY THESE ACTIVITIES SHALL BE SMOOTHED, SEEDED, AND HAY MULCHED, AND THE ENTIRE DRAINAGE SYSTEM (STORM SEWERS, DRAINAGE SWALES AND DITCHES, STORMWATER PONDS, AND OTHER STORMWATER CONVEYANCE, TREATMENT OR STORAGE PRACTICES, ETC.) SHALL BE CLEANED OF ALL DEBRIS AND SILT.

EROSION AND SEDIMENT CONTROL GENERAL STANDARDS:

TEMPORARY/PERMANENT MULCHING:

- HAY USED FOR MULCH OR HAY BALES SHALL BE LOCALLY GROWN, CURED, FREE OF NOXIOUS WEED AND INVASIVE SPECIES LISTED IN TABLE 3800.01 (NHRSA-AGR 3800), AND FREE OF INORGANIC MATTER, AND INSTALLED AS FOLLOWS:
 - APPLIED AT A RATE OF 70-90 POUNDS PER 1,000 SF (APPROXIMATELY TWO BALES) OR 1-1 1/2 TONS PER ACRE OR COVERING 75-90% OF THE GROUND SURFACE;
 - ANCHORED TO PREVENT DISPLACEMENT BY RUNOFF OR WIND INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - NETTING: JUTE, WOOD FIBER OR OTHER ORGANIC AND BIODEGRADABLE WILDLIFE FRIENDLY PRODUCT, INTENDED FOR USE ON THE SLOPE IT WILL BE PLACED ON, INSTALLED ACCORDING TO THE MANUFACTURERS RECOMMENDATION;
 - TACKIFIER: BONDED FIBER MATRIX, FIBER REINFORCED MATRIX, OR STABILIZED MULCH MATRIX LISTED ON THE NHDOT QUALIFIED PRODUCTS LIST, INSTALLED ACCORDING TO THE MANUFACTURERS RECOMMENDATION.
- BARK MULCH SHALL BE BARK CHIPPINGS GRADED TO BE APPROXIMATELY 3/8" TO 2" IN WIDTH, THE CHIPPINGS SHALL NOT HAVE BEEN STORED SO LONG AND UNDER SUCH CONDITIONS THAT THE MATERIAL HAS DECOMPOSED SUFFICIENTLY SO THAT IT HAS LOST ITS FIBROUS TEXTURE. BARK MULCH MUST BE APPROVED AS TO GRADING AND CONDITION PRIOR TO ITS USE, AND INSTALLED AS FOLLOWS:
 - APPLIED AT A RATE OF 10-20 TONS PER ACRE (460-920 LBS PER 1,000 SF);
 - APPLIED AT A THICKNESS OF 2-6 INCHES.

GENERAL TEMPORARY VEGETATION AND PERMANENT TURF REQUIREMENTS:

- SITE PREPARATION SHALL INCLUDE INSTALLATION OF ANY NECESSARY EROSION CONTROLS (DIVERSION SWALES OR TEMPORARY SILTATION BASINS, ETC.) TO DIVERT RUNOFF AWAY FROM THE SEEDED AREA. AND PLACEMENT OF TOPSOIL, LOAM, OR INTERMIXED HUMUS FOR THE AREA TO BE SEEDED.
- SEEDBED PREPARATION SHALL INCLUDE THE REMOVAL OF STONE LARGER THAN 1/2", TRASH, DELETERIOUS MATERIALS, AND OTHER FOREIGN DEBRIS (IE PLAN OR ORGANIC CLUMPS, SOIL CLOUDS, WOOD, ETC.); LOOSENING THE TOP 4 INCHES OF SOIL PRIOR TO APPLYING FERTILIZER, LIME, OR SEED; ON SLOPES 4(H)-1(V) OR STEEPER GROOVING/SLICING THE SOIL PARALLEL TO THE TOP/BOTTOM OF SLOPE DIRECTION; APPLICATION OF LIMESTONE, FERTILIZER, OR OTHER ORGANIC AMENDMENTS.
- SEED SOWN BETWEEN MAY 15TH AND AUGUST 15TH SHALL INCLUDE TEMPORARY HAY MULCH COVER.
- LIMESTONE AND FERTILIZER SHALL BE APPLIED ACCORDING TO SOIL TEST RECOMMENDATIONS. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE TIMING IS CRITICAL, FERTILIZER SHALL BE APPLIED AS SPECIFIED BY NHDOT SECTION 643 'FERTILIZER FOR GRASSES' AND LIMESTONE PER NHDOT SECTION 642 'LIMESTONE'.
- FERTILIZER APPLIED WITHIN 100 FEET OF ANY SURFACE WATER (IE STREAM, RIVER, POND, LAKE, ETC.) SHALL BE LOW PHOSPHATE AND SLOW RELEASE NITROGEN OR WITHIN 250 FEET OF A WATER SPECIFIED BY THE NEW HAMPSHIRE COMPREHENSIVE SHORELAND PROTECTION ACT (RSA 483-B) SHALL BE LOW PHOSPHATE AND SLOW NITROGEN RELEASE (LESS THAN 2% PHOSPHORUS AND A MINIMUM 50% SLOW RELEASE NITROGEN COMPONENT). NO FERTILIZER SHALL BE APPLIED WITHIN 25 FEET OF SURFACE WATERS.
- SEED SHALL CONTAIN LESS THAN 0.5% (IDEALLY 0.0%) NOXIOUS WEEDS, BE FREE OF ANY INVASIVE SPECIES LISTED IN TABLE 3800.01 (NH CODE OF ADMINISTRATIVE RULES AGR 3800 'INVASIVE SPECIES'), COMPLY WITH THE NEW HAMPSHIRE SEED LAW (NHRSA-433), MEET THE REQUIREMENTS OF INDUSTRY STANDARDS, AND AS FOLLOWS:
 - TEMPORARY VEGETATION: SHALL CONSIST OF GRASS AND OTHER TURF SPECIES TO PROVIDE A TEMPORARY COVER UP TO 12 MONTHS THAT WILL NOT COMPETE WITH PERMANENT TURFS, AS FOLLOWS:

TIME OF SOWING	SEED TYPE	APPLICATION RATE	SEED COVER
APRIL 1ST TO JUNE 1ST OR AUGUST 15TH TO SEPT 15TH	PERENNIAL RYEGRASS	30 LB/ACRE	1/2"
	ANNUAL RYEGRASS	40 LB/ACRE	1/4"
NO LATER THAN MAY 15TH	OATS	80 LB/ACRE	1"
AUGUST 15TH TO SEPT 5TH	WINTER RYE	112 LB/ACRE	1"
 - PERMANENT TURF ESTABLISHMENT: SHALL CONSIST OF A MIXTURE OF PERENNIAL GRASSES (IE PERENNIAL RYEGRASS, FESCUE, KENTUCKY BLUEGRASS, ETC.) AND OR OTHER TURF SPECIES (CROWN VETCH, BIRDSFOOT TREFLOIL, ETC.) TO PROVIDE A COVER. AS FOLLOWS:
 - IN AREAS INTENDED FOR USE AS LAWN, SPORTS FIELD, LANDSCAPED AREAS, OR MAINTAINED TURF THE SEED MIXTURE SHALL BE IN ACCORDANCE WITH NHDOT ITEM NO. 644.15 'PARK SEED TYPE 15'.
 - IN AREAS OF OPEN SPACE, SIDE SLOPES, UNMAINTAINED TURF AREAS, OR OTHERWISE NON VISIBLE FROM PUBLIC WAYS THE SEED MIXTURE SHALL BE IN ACCORDANCE WITH NHDOT ITEM NO. 644.45 'SLOPE SEED (W/F) TYPE 45'.

- MEET THE FOLLOWING COMPONENT MIXTURE RATE:

COMPONENT	PERCENT BY DRY WEIGHT
ORGANIC MATTER	25-65%
SAND/STONE	35-75%
- MEET THE FOLLOWING GRADATION:

SIEVE SIZE	PERCENT PASSING BY DRY WEIGHT
3"	100%
1"	90-100%
3/4"	70-100%
#4	30-75%
- THE ORGANIC PORTION SHALL CONSIST OF FIBROUS AND ELONGATED STUMP GRINDINGS, SHREDDED BARK, COMPOSTED BARK OR EQUIVALENT MANUFACTURED PRODUCTS, WHICH ARE NOT COMPRISED OF WOOD CHIPS, BARK CHIPS, CONSTRUCTION DEBRIS, OR REPROCESSED WOOD PRODUCTS.

- FUGITIVE DUST SHALL BE CONTROLLED IN ACCORDANCE WITH WITH THE NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES ENV-A 1000 'PREVENTION, ABATEMENT, AND CONTROL OF OPEN SOURCE AIR POLLUTION'.
- THE SITE CONTRACTOR SHALL MAINTAIN A VIGOROUS DUST CONTROL PROGRAM THROUGHOUT THE CONSTRUCTION PROCESS, WHICH SHALL INCLUDE BUT NOT BE LIMITED TO PHASED CONSTRUCTION PRACTICES, TEMPORARY MULCHING, VEGETATIVE COVERS, STONE APPLICATION, TACKIFIERS (IE BONDED FIBER MATRIX, FIBER REINFORCED MATRIX, STABILIZED MULCH, ETC.), MECHANICAL AND MANUAL SWEEPING, WATER APPLICATION, AND OTHER APPROVED DUST SUPPRESSANTS (IE CALCIUM CHLORIDE, MAGNESIUM CHLORIDE, ALUM, ETC.).
- ACTIVE DUST SUPPRESSION SHALL USE WATER, UNLESS OTHERWISE APPROVED.

EROSION CONTROL MIX:

- EROSION CONTROL MIX (ECM) SHALL BE WELL GRADED MIXTURE OF ORGANIC MATERIALS, STONE, AND COARSE SANDS MEETING THE FOLLOWING REQUIREMENTS:
 - FREE OF SILTS, CLAYS, FINE SANDS, AND STONE 3 INCHES OR LARGER;
 - PH BETWEEN 5-8;
 - MEET THE FOLLOWING COMPONENT MIXTURE RATE:

COMPONENT	PERCENT BY DRY WEIGHT
ORGANIC MATTER	25-65%
SAND/STONE	35-75%
 - MEET THE FOLLOWING GRADATION:

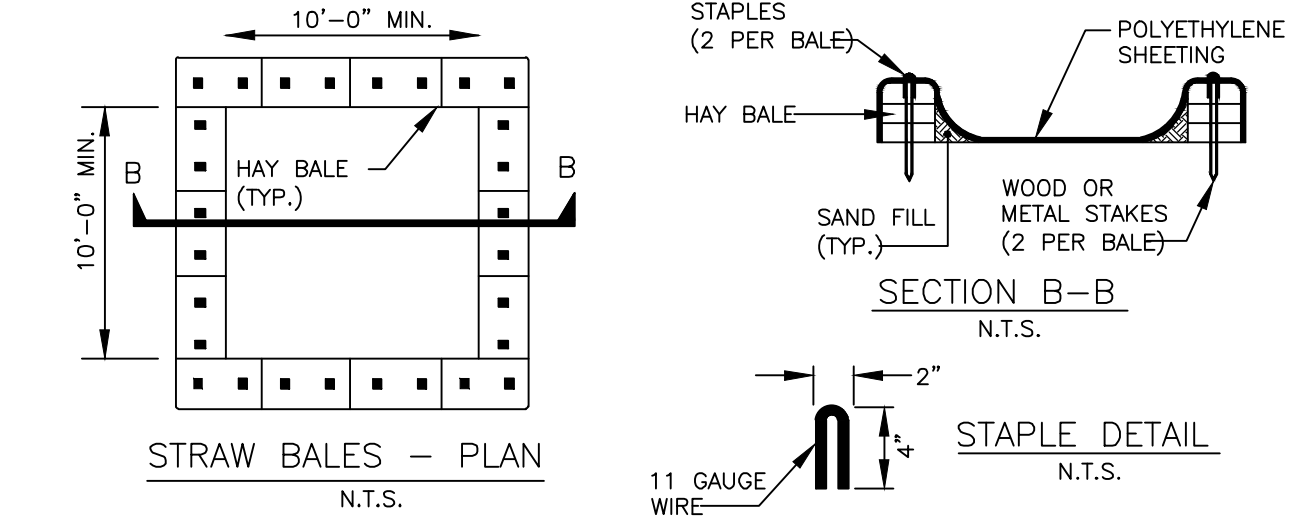
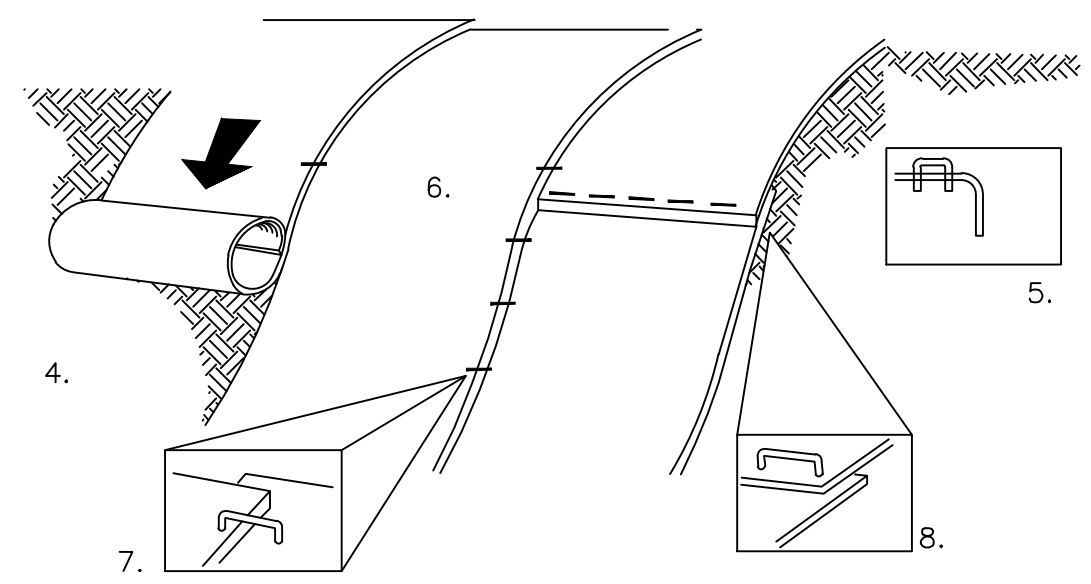
SIEVE SIZE	PERCENT PASSING BY DRY WEIGHT
3"	100%
1"	90-100%
3/4"	70-100%
#4	30-75%
 - THE ORGANIC PORTION SHALL CONSIST OF FIBROUS AND ELONGATED STUMP GRINDINGS, SHREDDED BARK, COMPOSTED BARK OR EQUIVALENT MANUFACTURED PRODUCTS, WHICH ARE NOT COMPRISED OF WOOD CHIPS, BARK CHIPS, CONSTRUCTION DEBRIS, OR REPROCESSED WOOD PRODUCTS.

AIRBORNE PARTICULATE MATTER CONTROL:

- FUGITIVE DUST SHALL BE CONTROLLED IN ACCORDANCE WITH WITH THE NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES ENV-A 1000 'PREVENTION, ABATEMENT, AND CONTROL OF OPEN SOURCE AIR POLLUTION'.
- THE SITE CONTRACTOR SHALL MAINTAIN A VIGOROUS DUST CONTROL PROGRAM THROUGHOUT THE CONSTRUCTION PROCESS, WHICH SHALL INCLUDE BUT NOT BE LIMITED TO PHASED CONSTRUCTION PRACTICES, TEMPORARY MULCHING, VEGETATIVE COVERS, STONE APPLICATION, TACKIFIERS (IE BONDED FIBER MATRIX, FIBER REINFORCED MATRIX, STABILIZED MULCH, ETC.), MECHANICAL AND MANUAL SWEEPING, WATER APPLICATION, AND OTHER APPROVED DUST SUPPRESSANTS (IE CALCIUM CHLORIDE, MAGNESIUM CHLORIDE, ALUM, ETC.).
- ACTIVE DUST SUPPRESSION SHALL USE WATER, UNLESS OTHERWISE APPROVED.

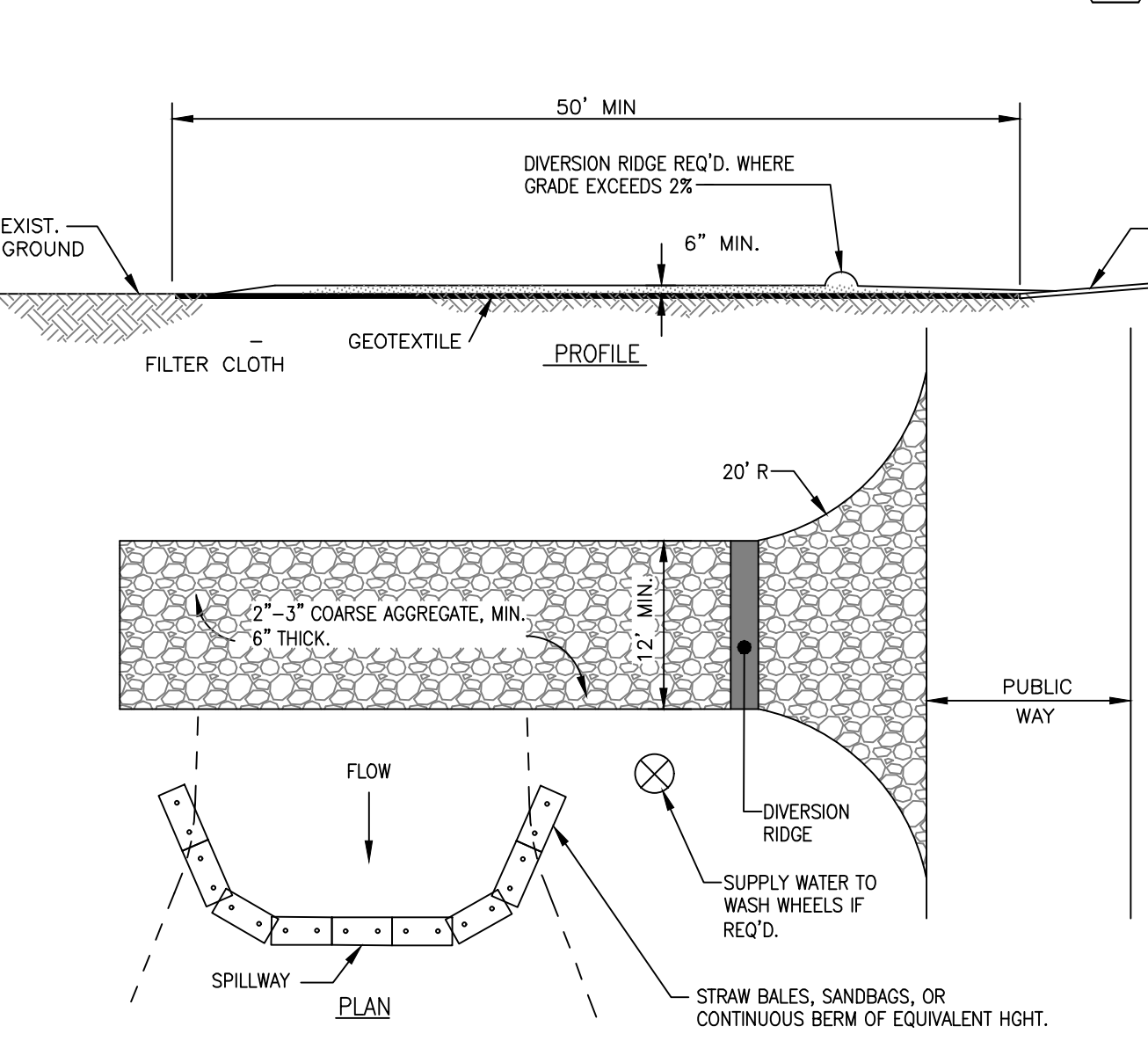
GROUNDWATER DEWATERING REQUIREMENTS:

- THE CONTRACTOR SHALL APPLY FOR AND RECEIVE AN NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES (NHDES) GROUNDWATER DISCHARGE PERMIT, PRIOR TO CONDUCTING ANY DEWATERING EFFORTS AND/OR PUMPING OF GROUNDWATER.
- DEWATERING ACTIVITIES SHALL BE MANAGED IN ACCORDANCE WITH THE NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES ENV-WO 402 'GROUNDWATER DISCHARGE PERMITS AND REGISTRATIONS'.
- GROUNDWATER DISCHARGE SHALL BE DIRECTED TO A FILTER BASIN, GEOTEXTILE FILTER BAG (IE 'DIRTENS' BY ACF FERGUSON), OR OTHER PRACTICE, CAPABLE OF REMOVING TURBIDITY PRIOR TO RELEASE TO REGULATORY RESOURCES (IE WETLANDS, SURFACE WATERS, STORMSEWERS, ETC.).



- NOTES:**
- THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
 - THE CONCRETE WASHOUT AREA SHALL BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS. THE WASHOUT AREA MUST BE CLEANED, OR A NEW WASHOUT AREA MUST BE CONSTRUCTED AND READY FOR USE ONCE THE ORIGINAL VOLUME HAS BEEN DEPLETED BY 50% FULL.
 - SIGNS SHALL BE INSTALLED WITHIN 30 FEET OF THE WASHOUT AREA, CLEARLY INDICATING ITS LOCATION TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
 - THE CONCRETE WASHOUT AREA SHALL BE LOCATED A MINIMUM OF 50 FEET FROM STORM SEWER INLETS, OPEN DISCHARGE FACILITIES, SURFACE WATERS AND/OR WETLANDS. EACH FACILITY SHOULD BE LOCATED AWAY FROM CONSTRUCTION TRAFFIC OR ACCESS TO PREVENT DISTURBANCE OR TRACKING. VEHICLE TRACKING CONTROL IS REQUIRED AT CONCRETE WASHOUT ENTRANCE IF ACCESS TO AREA IS OFF PAVEMENT.
 - SHEETING SHALL BE REINFORCED 10 MIL POLYETHYLENE AND FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.
 - HARDENED CONCRETE AND MATERIAL USED TO CONSTRUCT THE WASHOUT AREA SHALL BE REMOVED AND DISPOSED OF AT AN APPROVED WASTE SITE.
 - WHEN THE CONCRETE WASHOUT AREA IS REMOVED, THE DISTURBED AREA SHALL BE SEEDED AND MULCHED OR OTHERWISE STABILIZED AS REQUIRED.

CONCRETE WASHOUT AREA SCALE: NONE **4 D-4**



- NOTES:**
- ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE.
 - 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 CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED OR TRACKED ONTO PUBLIC APPROX. EXIT. RIGHT OF WAY MUST BE REMOVED PROMPTLY.
 - WHEELS SHALL BE CLEANED TO REMOVE MUD PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

STABILIZED CONSTRUCTION ENTRANCE SCALE: NONE **5 D-4**

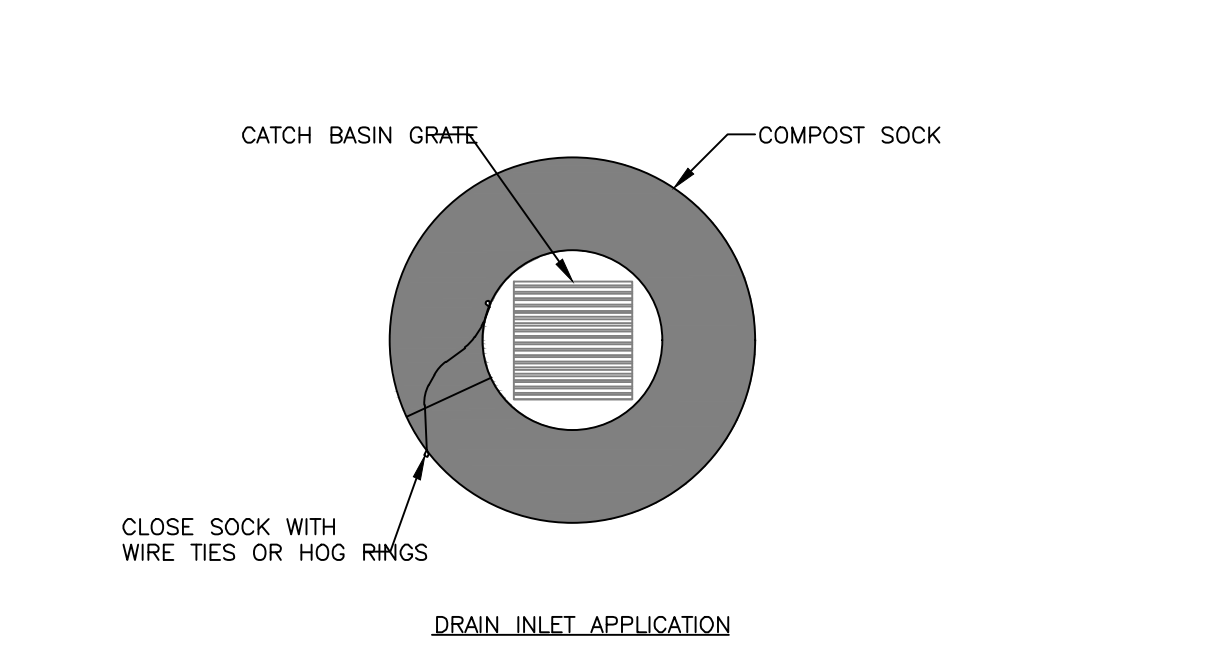
CONSTRUCTION REQUIREMENTS AND SLOPE APPLICATIONS:

- MATS SHALL BE STRAW/COCONUT FIBER EROSION CONTROL TURF REINFORCEMENT MAT SUCH AS NORTH AMERICAN GREEN SC150BN OR EQUAL.
- THE USE OF ANY EROSION CONTROL MAT WHICH CONTAINS ANY WELDED PLASTIC OR BIODEGRADABLE PLASTIC THREAD OR NETTING IS STRICTLY PROHIBITED.
- THE EROSION CONTROL MATERIAL(S) SHALL BE ANCHORED WITH "U" SHAPED 11 GAUGE WIRE STAPLES OR WOODEN STAKES WITH A MINIMUM TOP WIDTH OF 1" AND A LENGTH OF 6".
- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER AND SEED.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROLL OF STAPLES OR STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET WITH A ROW OF STAPLES/STAKES PLACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
- ROLL THE BLANKETS DOWN THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES OR STAKES IN APPROPRIATE LOCATIONS. REFER TO MANUFACTURERS STAPLE GUIDE FOR CORRECT STAPLE PATTERN.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" OF OVERLAP DEPENDING ON THE BLANKET TYPE.
- CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE OVERLAPPED AREA APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.

NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE BLANKETS.

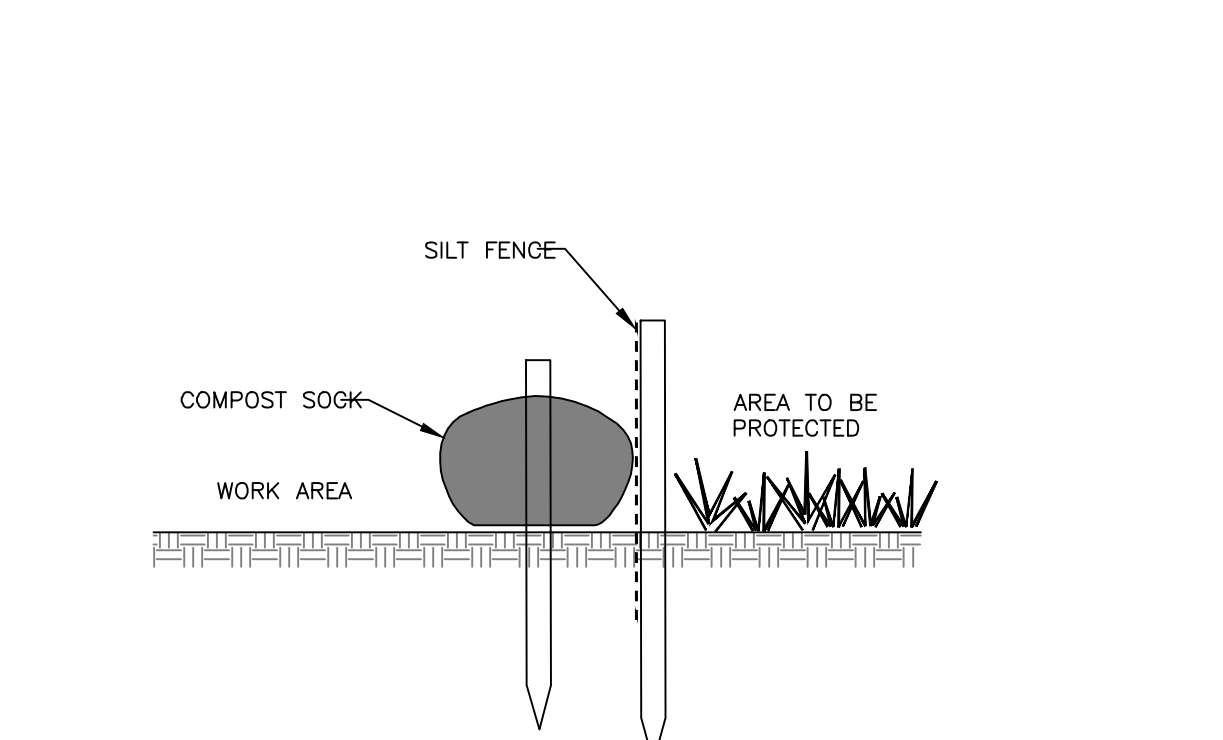
THE CONTRACTOR SHALL MAINTAIN THE BLANKET UNTIL ALL WORK ON THE CONTRACT HAS BEEN COMPLETED AND ACCEPTED. MAINTENANCE SHALL CONSIST OF THE REPAIR OF AREAS WHERE DAMAGED BY ANY CAUSE. ALL DAMAGED AREAS SHALL BE REPAIRED TO REESTABLISH THE CONDITIONS AND GRADE OF THE SOIL PRIOR TO APPLICATION OF THE COVERING AND SHALL BE REFERTILIZED, RESEEDED AND REMULCHED AS DIRECTED.

SLOPE STABILIZATION ~ EROSION CONTROL MATS SCALE: NONE **1 D-4**



- NOTES:**
- COMPOST SOCK SHALL BE FILTREXX SILT/SOXX ORIGINAL 8"Ø OR EQUAL.
 - COMPOST SOCK MUST BE MAINTAINED ON A CONTINUOUS BASIS.
 - SEDIMENT SHALL BE REMOVED AS REQUIRED TO PREVENT ACCUMULATION TO 1/3 THE HEIGHT OF THE SOCK (2"±).

INLET PROTECTION ~ COMPOST SOCK SCALE: NONE **2 D-4**



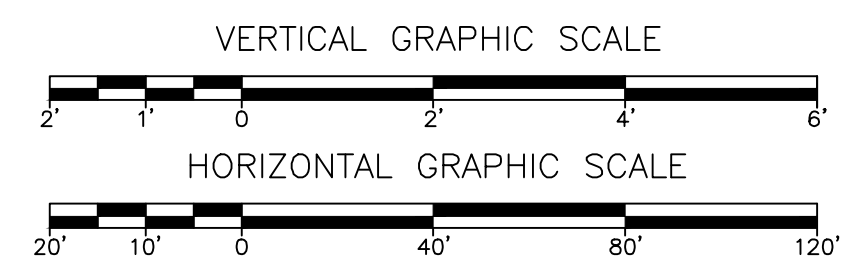
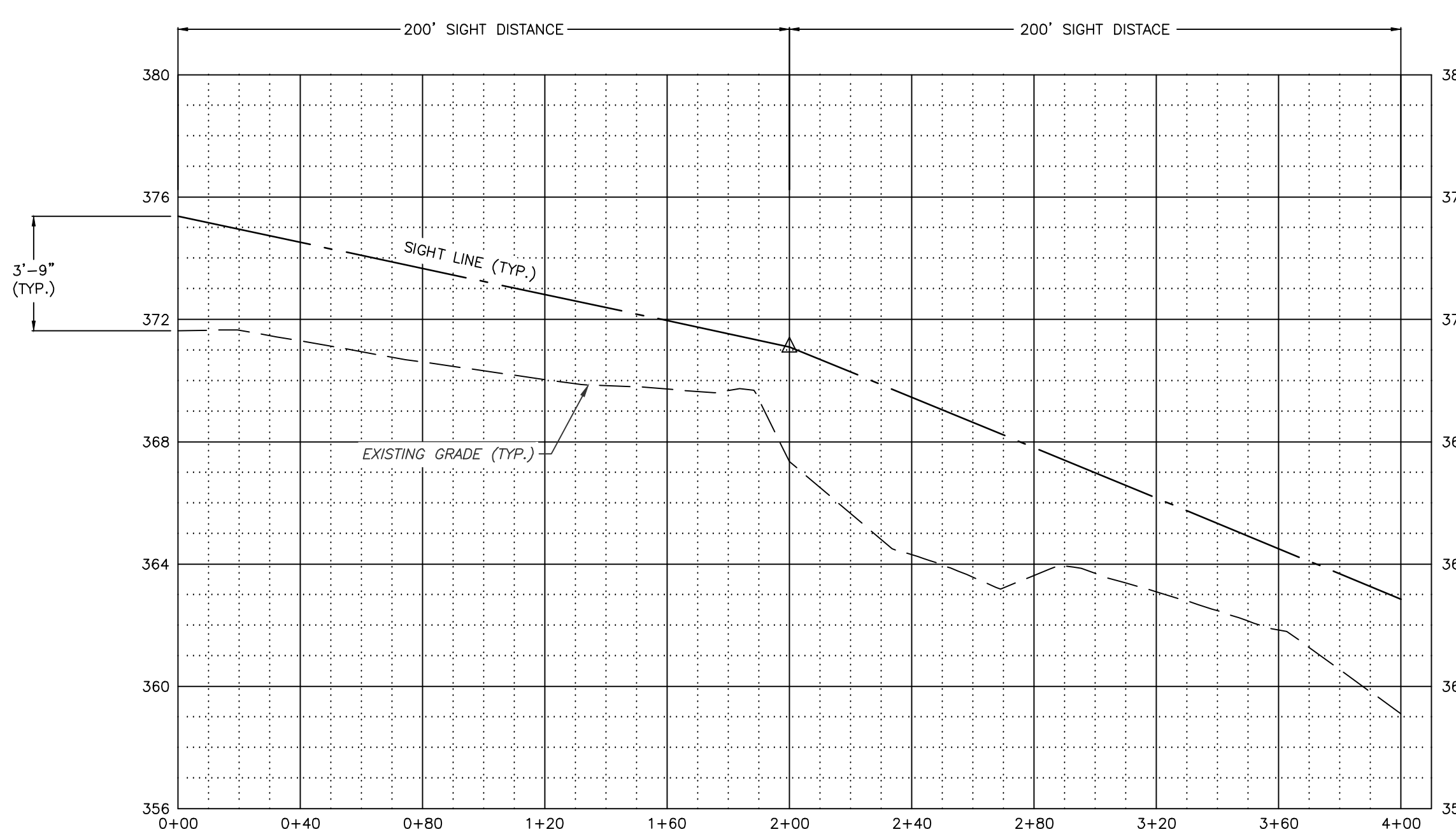
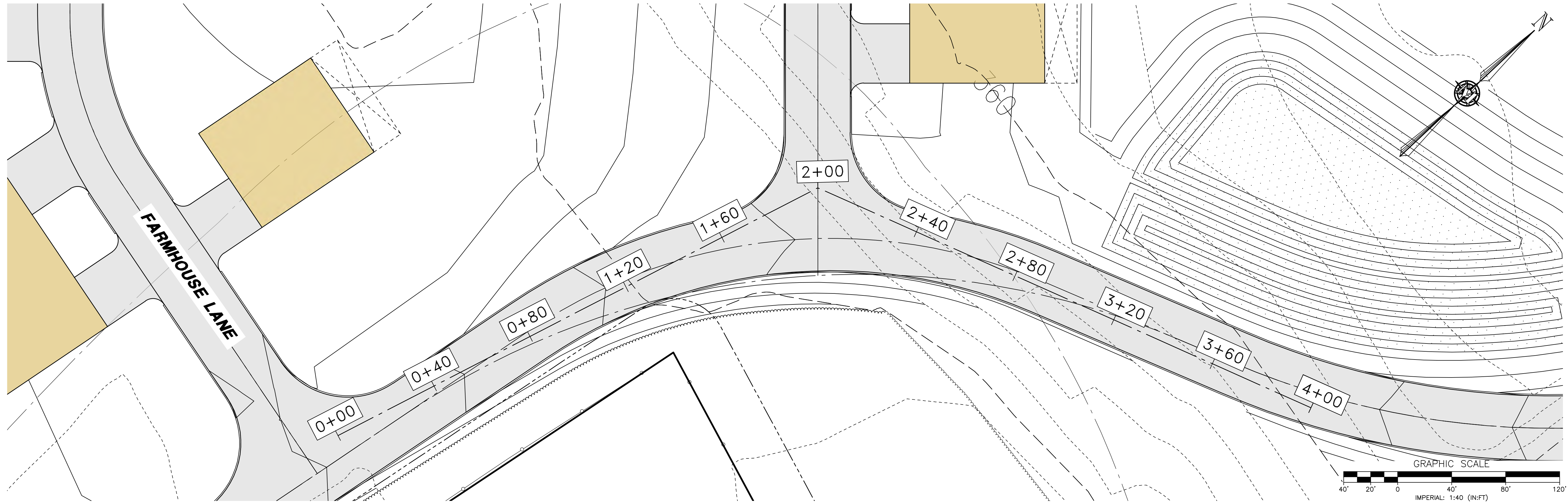
DOUBLE PERIMETER CONTROL SILT FENCE W/ COMPOST SOCK SCALE: NONE **3 D-4**



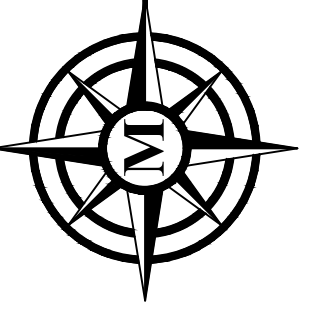
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CONCEPTUAL CONDOMINIUM DEVELOPMENT
CONDOMINIUM LAYOUT PLAN
JUNE 3, 2025

114 WEST ROAD, LLC
114 WEST ROAD
MAP 248 LOT 8
CANTERBURY, NEW HAMPSHIRE



MERIDIAN
LAND SERVICES, INC.
 ENGINEERING | SURVEYING | PERMITTING
 SOIL & WETLAND MAPPING | SEPTIC DESIGN
 31 OLD NASHUA ROAD, AMHERST, NH 03051 TEL: 603-673-1441
 MERIDIANLANDSERVICES.COM FAX: 603-673-1584



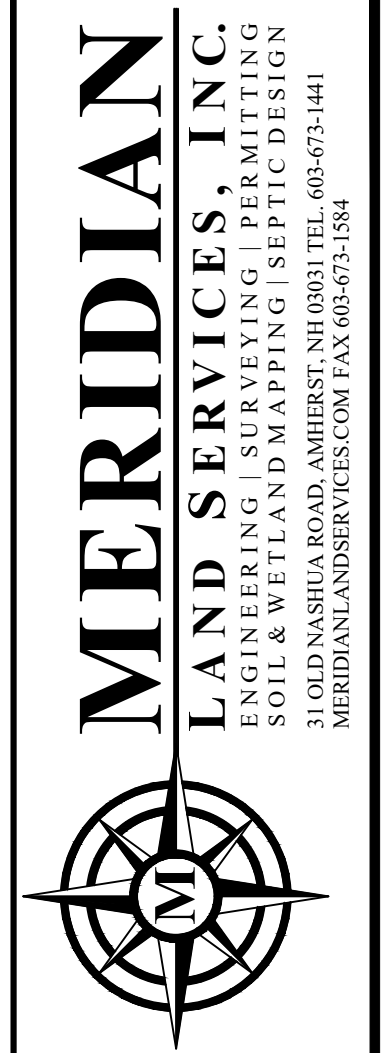
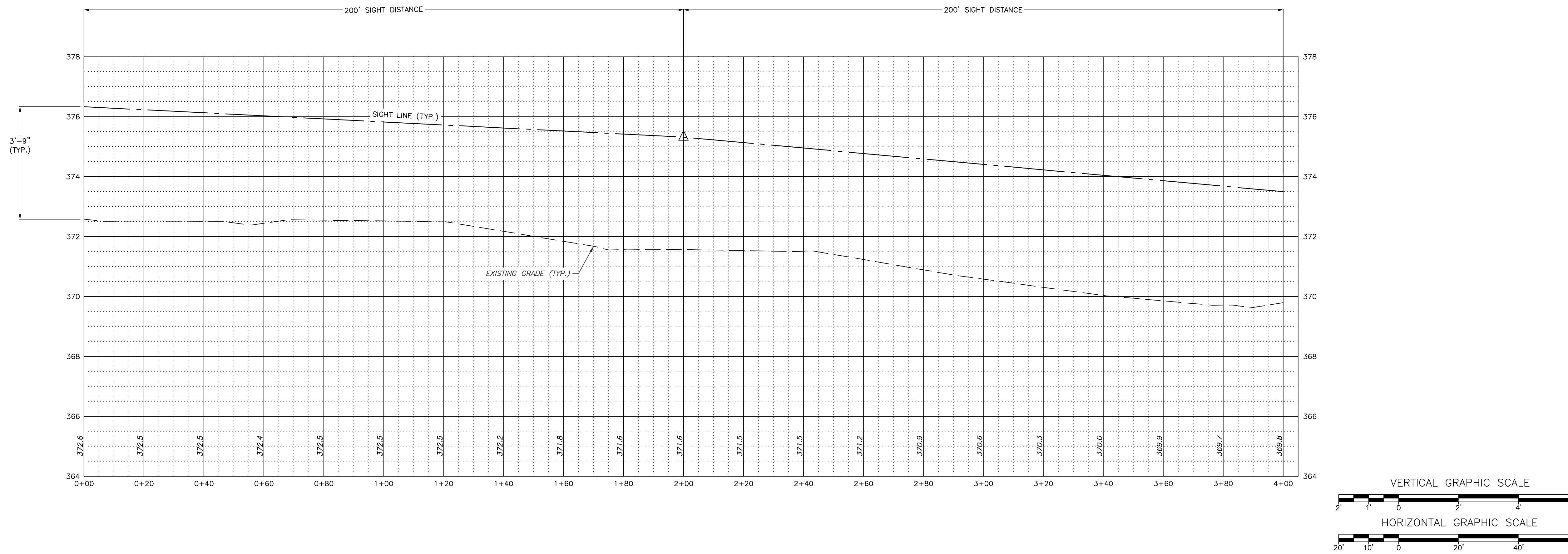
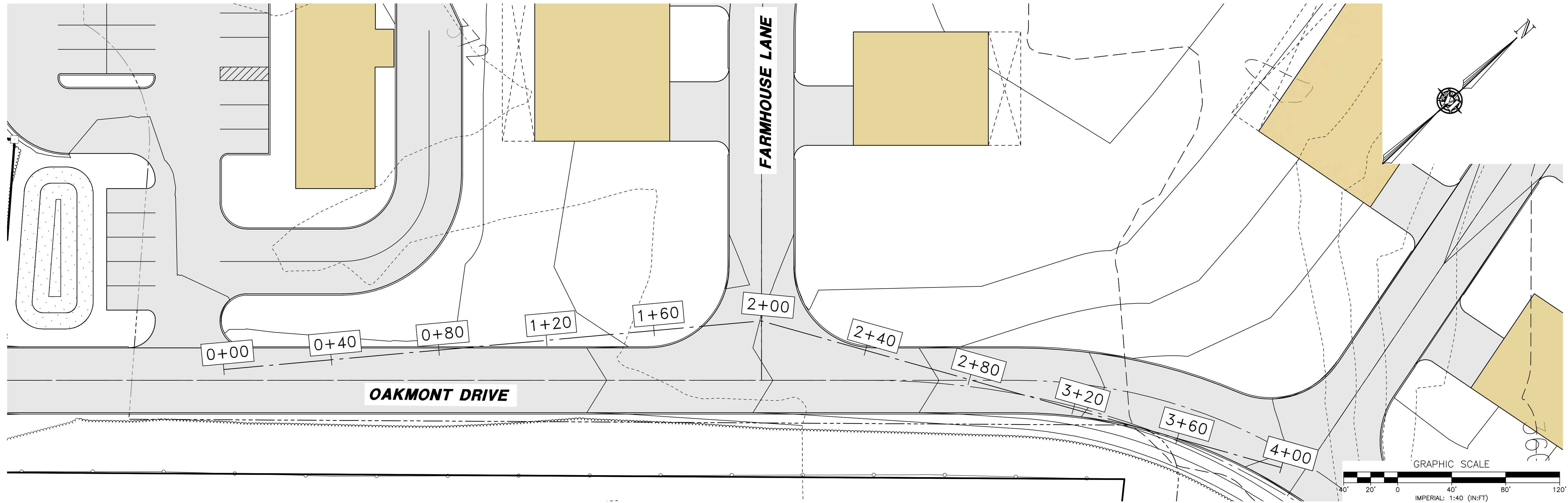
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HILDRETH'S FARM
 DEVELOPMENT
 SIGHT DISTANCE PLAN & PROFILE
 JUNE 3, 2025

114 WEST ROAD, LLC
 114 WEST ROAD
 MAP 248 LOT 8
 CANTERBURY, NEW HAMPSHIRE
 SCALE: 1" = 40'

SD-1
 SHEET
 FILE: 12609POOW.dwg
 PROJECT: 12609.00
 SHEET NO. 1 OF 3

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CONCEPTUAL CONDOMINIUM
DEVELOPMENT
SIGHT DISTANCE PLAN & PROFILE

114 WEST ROAD, LLC
114 WEST ROAD
MAP 248 LOT 8
CANTERBURY, NEW HAMPSHIRE

SCALE: 1" = 20'

JUNE 3, 2025

SD-2
SHEET

FILE: 12609POOW.dwg
PROJECT: 12609.00
SHEET NO. 2 OF 3

