

ABUTTERS:

MAP/LOT #	NAME & ADDRESS
165-049 (SUBJECT PARCEL)	A. JACK ATKINSON REVOCABLE TRUST AGREEMENT OF FEBRUARY 25, 1983 A. JACK ATKINSON, TRUSTEE 36 CAMPBELLO STREET HUDSON, NH 03051
165-050	EDWARD J. WELSH II TRUSTEE JOYCE M. WELSH TRUSTEE 38 CAMPBELLO STREET HUDSON, NH 03051
165-048	JOSELITO MANGUAL DANIEL R. JOWDERS 32 MERRIMACK STREET HUDSON, NH 03051
165-047	ROBERT A. MILLER SYLVIA E. MILLER 28 MERRIMACK STREET HUDSON, NH 03051
165-046	RICHARD H. MORROW 20 MERRIMACK STREET HUDSON, NH 03051
165-044	CHESTER E. HURD TRUSTEE
165-045	JOYCE M. HURD TRUSTEE
165-073	18 MERRIMACK STREET
165-074	HUDSON, NH 03051
165-039	DONALD R. FITZGERALD LISA Y. FITZGERALD 100 WEBSTER STREET HUDSON, NH 03051
165-036	JOHN R. COLBY SONYA J. COLBY 11 KENYON STREET HUDSON, NH 03051
165-035	CYNTHIA TUTON JOHN TUTON 13 KENYON STREET HUDSON, NH 03051
165-034	FABIAN GALINDO TRUJILLO ROSALVA GALINDO 15 KENYON STREET HUDSON, NH 03051
165-033	WILLIAM R. KILLINGSWORTH
165-032	JOAN E. KILLINGSWORTH 28 CAMPBELLO STREET HUDSON, NH 03051

SUBDIVISION PLAN CAMPBELLO STREET

ASSESSORS MAP 165 LOT 49 36 CAMPBELLO STREET HUDSON, NEW HAMPSHIRE

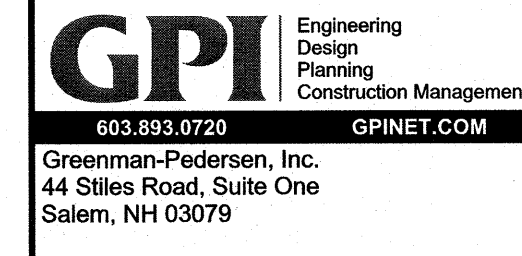


LOCATION MAP
1"=100'

Prepared for:
**SOUSA REALTY &
DEVELOPMENT CORP.**
46 LOWELL ROAD
HUDSON, NH 03051

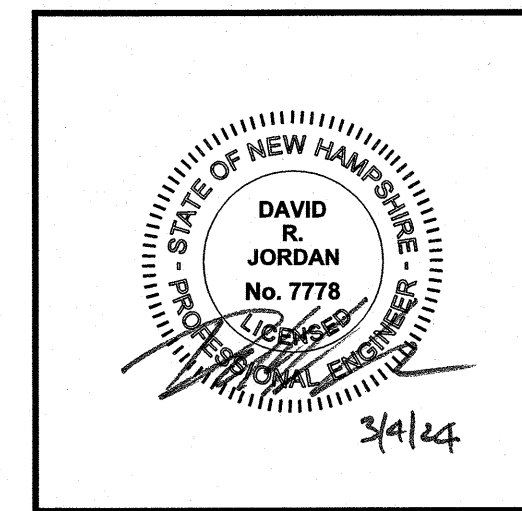
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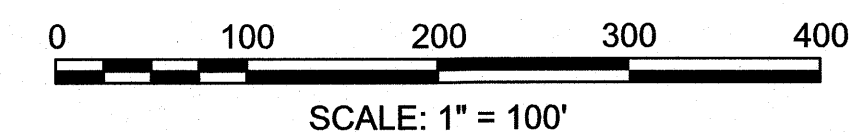


PREPARED FOR
**SOUSA REALTY &
DEVELOPMENT CORP.**
46 LOWELL ROAD
HUDSON, NH 03051

**ASSESSOR MAP 165 LOT 49
36 CAMPBELLO STREET
HUDSON, NEW HAMPSHIRE**



REVISIONS		
NO.	REVISION	DATE
2	REV. SHEETS 1-16, ADD SIGHT LINE PLAN	3/1/24
1	REV. SHEET 2	1/4/24
NOVEMBER 20, 2023		
DRAWN/DESIGN BY	CNM	CHECKED BY
		DRJ



PERMITS AND APPROVALS		
TYPE	PERMIT NUMBER	DATE
NH DES ALTERATION OF TERRAIN	#2024-00179	
NH DES SHORELAND	#240123-011	
NH DES SEWER CONNECTION		

TITLE SHEET

SCALE: 1"=100'

PROJECT NO.
NEX-2300191

1 OF 16

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____
SIGNATURE _____ DATE _____
SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR TWO YEARS FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL ALL SHEETS APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.

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LEGEND

- SGC SLOPED GRANITE CURB
VSC VERTICAL GRANITE CURB
SCC SLOPED CONCRETE CURB
VCC VERTICAL CONCRETE CURB
CCB CAPE COD BERM
DSLY DOUBLE SOLID LINE YELLOW
DBLY DOUBLE DASHED LINE YELLOW
SDLY SINGLE DASHED LINE YELLOW
SSLY SINGLE SOLID LINE YELLOW
SSLW SINGLE SOLID LINE WHITE
SDLW SINGLE DASHED LINE WHITE
G GAS LINE
T UNDERGROUND TELEPHONE
W WATER LINE
E UNDERGROUND ELECTRIC
WOOD GUARDRAIL
METAL GUARDRAIL
CHAIN LINK FENCE
STOCKADE FENCE
POST & RAIL FENCE
WIRE FENCE
-90- CONTOUR ELEVATION
TREE
UTILITY POLE
GUY WIRE
OVERHEAD WIRE
TREELINE
PULL BOX
SIGN
SPOT ELEVATION
DRAIN MANHOLE
CATCH BASIN
ROOF DRAIN
CLEANOUT
VENT
SEWER MANHOLE
TELEPHONE MANHOLE
ELECTRIC MANHOLE
WATER MANHOLE
MANHOLE
GAS VALVE
GAS SHUT OFF
WATER VALVE
WATER SHUT OFF
FIRE HYDRANT
BOLLARD
GAS METER
ELECTRIC METER
MONITORING WELL
LIGHT POLE
BORING
WETLAND LINE
WATER FEATURE
UNDERGROUND COMM
DITCH LINE
EASEMENT LINE
PROPERTY LINE
ABUTTER PROPERTY LINE
BUILDING SETBACK
SOIL TYPE LINE
ZONE LINE
FLOOD ZONE LINE
TBR TO BE REMOVED
- x x x x x x TO BE REMOVED
1 NUMBER OF PARKING SPACES
T.D. TIP DOWN CURB
PROP. SLOPED GRANITE CURB (SGC)
PROP. CLEANOUT
RG-1 PROP. RAIN GUARDIAN
CB-1 PROP. CATCH BASIN
DMH-1 PROP. DRAIN MANHOLE
MEG MEET EXISTING GRADE
331.25 PROP. SPOT ELEVATION
300 PROP. CONTOUR ELEVATION
TW= TOP OF WALL ELEV.
BW= BOTTOM OF WALL ELEV.
G.B. GRADE BREAK
TEST PIT
PROP. GATE VALVE
PROP. STRAW WATTLE

PROJECT NOTES:

- 1) THE PURPOSE OF THIS PLAN IS TO SHOW AN 11--LOT SINGLE FAMILY RESIDENTIAL SUBDIVISION ON MAP 165 LOT 49. THE PROPOSED ROADWAY SHOWN ON THIS PLAN IS INTENDED TO BE PRIVATE.
2) ZONING DISTRICT: TOWN RESIDENCE (TR)
3) EXISTING LOT AREA = 206,400 SF = 4.74 Ac.±
4) OWNER OF RECORD: A. JACK ATKINSON REVOCABLE TRUST AGREEMENT OF FEBRUARY 25, 1983
A. JACK ATKINSON, TRUSTEE
36 CAMPBELLO STREET
HUDSON, NH 03051
BOOK 9180 PAGE 1549
2) THIS PLAN IS THE RESULT OF AN ON--THE--GROUND FIELD SURVEY PERFORMED BY THIS OFFICE BETWEEN AUGUST 4, 2023 AND AUGUST 10, 2023.
3) BEARINGS SHOWN HEREON ARE BASED ON NAD83 PER GPS OBSERVATIONS PERFORMED BY THIS OFFICE ON AUGUST 4, 2023.
4) ELEVATIONS SHOWN HEREON ARE BASED ON NAVD88 PER GPS OBSERVATIONS PERFORMED BY THIS OFFICE ON AUGUST 4, 2023.
5) LOCATION OF UNDERGROUND UTILITIES IS APPROXIMATE ONLY. ADDITIONAL UNDERGROUND UTILITIES OTHER THAN THOSE SHOWN MAY BE ENCOUNTERED. INVERTS ARE LISTED IN A CLOCKWISE DIRECTION ENDING WITH THE INVERT OUT (UNLESS OTHERWISE NOTED).
6) A PORTION OF THE SURVEY TRACT IS LOCATED IN A SPECIAL FLOOD HAZARD AREA ZONE AE (1% CHANCE ANNUAL FLOOD) PER FLOOD INSURANCE RATE MAP NUMBER 33011C0514E, WITH AN EFFECTIVE DATE OF APRIL 18, 2011.
7) FEMA FLOOD BOUNDARIES SHOWN HEREON TAKEN FROM FEMA'S NATIONAL FLOOD HAZARD LAYER GIS DATA.
8) WETLAND LINES SHOWN HEREON DELINEATED BY GOVE ENVIRONMENTAL SERVICES, INC. ON AUGUST 7, 2023.
9) A SITE SPECIFIC SOIL SURVEY WAS CONDUCTED BY GOVE ENVIRONMENTAL SERVICES, INC. ON OCTOBER 3, 2023.
10) THE PROJECT REQUIRES STATE ALTERATION OF TERRAIN (AOT) AND SHORELAND PERMITS FROM NHDES.
11) LENGTH OF CUL--DE--SAC = 715 FEET (CENTERLINE MERRIMACK STREET TO END OF RIGHT--OF--WAY).

WAIVERS:

THE FOLLOWING WAIVERS FROM THE TOWN OF HUDSON SUBDIVISION OF LAND REGULATIONS ARE REQUESTED:
1) SECTION 289--18 A. STREETS -- TO ALLOW A RIGHT--OF--WAY WIDTH OF LESS THAN 50', 40' PROPOSED.
2) SECTION 289--28 G. REQUIREMENTS -- TO ALLOW FINANCIAL CONTRIBUTION TO TOWN IN LIEU OF CONSTRUCTING A SIDEWALK AS REQUIRED.

CONSTRUCTION NOTES:

- 1) ALL DRAINAGE PIPE SHALL BE CORRUGATED HIGH--DENSITY POLYETHYLENE PIPE WITH STANDARD JOINTS, DUAL--WALL, SMOOTH INTERIOR, AS MANUFACTURED BY ADS, INC., OR APPROVED EQUAL, UNLESS OTHERWISE NOTED ON PLAN.
2) ELEVATIONS ARE BASED ON NAVD88 DATUM.
3) ANY UTILITY FIELD ADJUSTMENTS SHALL BE APPROVED BY THE ENGINEER OF RECORD AND COORDINATED WITH THE APPROPRIATE LOCAL UTILITY COMPANY.
4) THE LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE ONLY. THE CONTRACTOR IS TO VERIFY EXACT LOCATION PRIOR TO CONSTRUCTION. THE CONTRACTOR IS TO NOTIFY THE DESIGN ENGINEER OF ANY DISCREPANCIES. CONSTRUCTION SHALL COMMENCE BEGINNING AT THE LOWEST INVERT (POINT OF CONNECTION) AND PROGRESS UP GRADIENT. PROPOSED INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND INSTALLATIONS SHALL BE FIELD VERIFIED BY TEST PIT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
5) ALL CONSTRUCTION SHALL CONFORM TO MUNICIPAL DPW AND ALL APPLICABLE STATE AND FEDERAL STANDARDS.
6) THE CONTRACTOR SHALL CALL AND COORDINATE WITH DIG--SAFE (DIAL 811) PRIOR TO COMMENCING ANY EXCAVATION.
7) THIS SITE WILL REQUIRE A USEPA NPDES PERMIT FOR STORMWATER DISCHARGE FOR THE SITE CONSTRUCTION SINCE THE DISTURBANCE EXCEEDS ONE ACRE (ACTUAL DISTURBANCE = 165,000 SF±). THE CONSTRUCTION SITE OPERATOR SHALL DEVELOP AND IMPLEMENT A CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN (SWPPP), WHICH SHALL REMAIN ON SITE AND MADE ACCESSIBLE TO THE PUBLIC. A NOTICE OF INTENT (NOI) SHALL BE FILED WITH THE EPA AT LEAST 14 CALENDAR DAYS PRIOR TO CONSTRUCTION. A COMPLETED NOTICE OF TERMINATION (NOT) SHALL BE SUBMITTED TO THE EPA WITHIN 30 DAYS AFTER EITHER OF THE FOLLOWING CONDITIONS HAVE BEEN MET: FINAL STABILIZATION HAS BEEN ACHIEVED ON ALL PORTIONS OF THE SITE FOR WHICH THE PERMITTEE IS RESPONSIBLE; OR ANOTHER OPERATOR/PERMITTEE HAS ASSUMED CONTROL OVER ALL AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
8) ALL TRAFFIC CONTROL AND TEMPORARY CONSTRUCTION SIGNAGE ARRANGEMENTS, ACCEPTABLE TO NHDOT AND THE TOWN DEPARTMENT OF PUBLIC WORKS, SHALL BE EMPLOYED DURING OPERATIONS WITHIN THE PUBLIC RIGHT--OF--WAY.
9) ALL PROPOSED CATCH BASINS SHALL HAVE 4" SUMPS AND OUTLETS EQUIPPED WITH "ELIMINATOR" OIL HOODS OR APPROVED EQUAL.
10) ALL PIPE DATA IS CALCULATED TO CENTER OF STRUCTURE, TYP.
11) CONTRACTOR TO REFER TO THE "INSPECTION AND MAINTENANCE MANUAL FOR STORMWATER MANAGEMENT SYSTEMS" (I&M) FOR SITE MAINTENANCE DURING AND AFTER CONSTRUCTION.
12) THE CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS TO ALL AREAS AFFECTED BY HIS WORK AT ALL TIMES.
13) ALL EXCAVATIONS SHALL BE THOROUGHLY SECURED ON A DAILY BASIS BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION OPERATIONS IN THE IMMEDIATE AREA.
14) THE CONTRACTOR SHALL STABILIZE ALL DITCHES, SWALES, AND PONDS PRIOR TO DIRECTING STORMWATER RUN--OFF TO THEM.
15) PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL CONFIRM WITH THE ENGINEER THAT HE HAS THE MOST RECENT SET OF PLANS. SITE WORK SHALL BE CONSTRUCTED FROM A COMPLETE SET OF PLANS, NOT ALL FEATURES ARE DETAILED ON EVERY PLAN. THE ENGINEER IS TO BE NOTIFIED OF ANY CONFLICT WITHIN THIS PLAN SET.
16) CONTRACTOR SHALL CONFIRM WITH ENGINEER ALL LAYOUT ITEMS NOT SHOWN OR ANNOTATED. THE LOCATION OF ALL STRUCTURES AND UTILITIES SHALL BE CONFIRMED PRIOR TO LAYOUT OF PAVED AREAS. EXACT LOCATION OF PAVEMENT SHALL BE CONFIRMED WITH ENGINEER PRIOR TO PLACEMENT OF BINDER COURSE PAVEMENT.

CONSTRUCTION NOTES (CONT'D):

- 17) SEE CONSTRUCTION DETAIL SHEETS FOR ADDITIONAL INFORMATION.
18) ROOF RUNOFF FROM ALL HOMES SHALL BE COLLECTED BY GUTTERS AND DOWNSPOUTS CONNECTED TO STORMTECH CHAMBERS (SEE DETAIL SHEET 13). THE ROOF INFILTRATION UNITS SHALL BE MAINTAINED BY THE HOMEOWNER.
19) ALL WORK SHALL CONFORM TO THE APPLICABLE REGULATIONS AND STANDARDS OF THE TOWN OF HUDSON, AND SHALL BE BUILT IN A WORKMANLIKE MANNER IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
20) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN IN THE PLANS THROUGHOUT THE DURATION OF THE PROJECT IN ACCORDANCE WITH APPLICABLE STANDARDS. THE DETAILS PROVIDED SERVE AS A GUIDE ONLY.
21) CONTRACTOR SHALL VERIFY TBM ELEVATIONS PRIOR TO CONSTRUCTION.
22) THE CONTRACTOR SHALL COORDINATE MATERIALS AND INSTALLATION SPECIFICATIONS WITH THE INDIVIDUAL UTILITY AGENCIES/COMPANIES, AND ARRANGE FOR ALL INSPECTIONS.
23) THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND DETERMINING THE LOCATION, SIZE AND ELEVATION OF ALL EXISTING UTILITIES, SHOWN OR NOT SHOWN ON THESE PLANS, PRIOR TO THE START OF ANY CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION SHALL BE AGREED TO BY THE ENGINEER BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT "DIG SAFE" (1--888--344--7233) AT LEAST 72 HOURS BEFORE DIGGING.
24) CONTRACTOR SHALL DISPOSE OF ANY UNSUITABLE MATERIAL ONSITE (I.E. TRASH, STUMPS, ETC.) IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.
25) STORM DRAINAGE SYSTEM SHALL BE CONSTRUCTED TO LINE AND GRADE AS SHOWN ON THE PLANS. CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO TOWN OF HUDSON STANDARDS.
26) ALL RIMS AND GRATES TO BE SET AT FINISH PAVEMENT GRADE REGARDLESS OF STATED RIM ELEVATIONS.
27) THE PROJECT MUST BE MANAGED TO MEET THE REQUIREMENTS AND INTENT OF RSA 430:53 AND AGR 3800 RELATIVE TO INVASIVE SPECIES.
28) ANY TREE STUMPS SHALL EITHER BE GROUND OR REMOVED AND DISPOSED OF AT A SOLID WASTE FACILITY.
29) CONTRACTOR SHALL NOT IMPORT ANY FILL OVER THE AMOUNT OF TEN CUBIC YARDS CUMULATIVE TOTAL PER SOURCE TO ANY JOB SITE IN THE TOWN OF HUDSON WITHOUT SOILS TESTING VERIFYING THE ABSENCE OF ALL CONSTITUENTS OF CONCERN, AND WITHOUT PRIOR APPROVAL BY ENGINEERING DEPARTMENT STAFF. DOCUMENTATION SUCH AS TEST REPORTS, CERTIFICATIONS AND SIEVE ANALYZES OF FILL SHALL BE PROVIDED TO THE ENGINEERING DEPARTMENT FOR APPROVAL PRIOR TO TRANSPORTING THE MATERIAL TO HUDSON.

CONSTRUCTION SEQUENCE:

- 1) AN ON--SITE PRECONSTRUCTION MEETING SHALL BE HELD WITH THE TOWN ENGINEER OR DESIGNATED REPRESENTATIVE PRIOR TO INITIATING EARTH MOVING ACTIVITIES AND AFTER PERIMETER EROSION CONTROL MEASURES, PROTECTIVE FENCING, WASTE DISPOSAL AND CONSTRUCTION ACCESS PADS HAVE BEEN INSTALLED.
2) INSTALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AS REQUIRED.
3) CUT AND STUMP AREAS OF PROPOSED CONSTRUCTION.
4) REMOVE AND STOCKPILE TOPSOIL. STOCKPILE SHALL BE SEEDED TO PREVENT EROSION.
5) CONSTRUCT CLOSED DRAINAGE SYSTEM. PROTECT CULVERT INLETS AND CATCH BASINS WITH SEDIMENTATION BARRIERS.
6) PERFORM SITE GRADING, PLACING SEDIMENT CONTROL BARRIERS AS REQUIRED TO CONTROL SOIL EROSION.
7) INSTALL UNDERGROUND UTILITIES.
8) BEGIN TEMPORARY AND PERMANENT SEEDING AND MULCHING. ALL CUT AND FILL SLOPES SHALL BE SEEDED OR MULCHED IMMEDIATELY AFTER THEIR CONSTRUCTION.
9) DAILY, OR AS REQUIRED, CONSTRUCT, INSPECT, AND IF NECESSARY, RECONSTRUCT STRAW WATTLE, COMPOST FILTER SOCK, EROSION CONTROL BLANKET, TEMPORARY BERMS, DRAINS, DITCHES, SEDIMENT CONTROL FENCES AND SEDIMENT TRAPS INCLUDING MULCHING AND SEEDING. REFER TO "INSPECTION AND MAINTENANCE MANUAL FOR STORMWATER MANAGEMENT SYSTEMS" (I&M) FOR ADDITIONAL REQUIREMENTS AND INFORMATION. COPIES OF ALL INSPECTION REPORTS ARE TO BE PROVIDED TO THE CONSERVATION COMMISSION DURING CONSTRUCTION AND AVAILABLE UPON REQUEST AFTER CONSTRUCTION IS COMPLETED.
10) EXCAVATION FOR AND CONSTRUCTION OF HOMES.
9) FINISH PAVING ALL ROADWAYS. AFTER PAVING IS INSTALLED, IT SHALL BE SWEEPED CLEAN AS NEEDED.
10) COMPLETE PERMANENT SEEDING AND LANDSCAPING.
11) AFTER GRASS HAS BEEN FULLY GERMINATED IN ALL SEEDED AREAS, REMOVE ALL TEMPORARY EROSION CONTROL MEASURES.

TEMPORARY EROSION CONTROL MEASURES:

- 1) PERIMETER CONTROLS SHALL BE INSTALLED PRIOR TO EARTH MOVING OPERATIONS.
2) TEMPORARY WATER DIVERSION (SWALES, BASINS, ETC.) MUST BE USED AS NECESSARY UNTIL AREAS ARE STABILIZED.
3) PONDS AND SWALES SHALL BE INSTALLED EARLY ON IN THE CONSTRUCTION SEQUENCE (BEFORE ROUGH GRADING THE SITE).
4) ALL DITCHES AND SWALES SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
5) DISTURBED SOIL AREAS THAT WILL REMAIN IDLE FOR MORE THAN 30 DAYS SHALL BE TEMPORARILY STABILIZED AS SOON AS PRACTICABLE BUT NO LATER THAN FIVE DAYS FROM THE INITIAL DISTURBANCE WITH SEED AND MULCH, EROSION CONTROL BLANKETS OR CRUSHED STONE OR OTHER SUITABLE MEASURES APPROVED BY THE TOWN ENGINEER OR DESIGNATED REPRESENTATIVE. ALL DISTURBED SOIL AREAS THAT HAVE ACHIEVED FINAL GRADING SHALL BE PERMANENTLY STABILIZED WITHIN THREE DAYS FOLLOWING FINAL GRADING.
6) ALL EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND AFTER EVERY HALF--INCH OF RAINFALL.
7) THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION, BUT IN NO CASE SHALL EXCEED 5 ACRES AT ANY ONE TIME BEFORE DISTURBED AREAS ARE STABILIZED. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
- BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
- A MINIMUM OF 85 PERCENT VEGETATED GROWTH HAS BEEN ESTABLISHED.
- A MINIMUM OF 3 INCHES OF NON--EROSIVE MATERIAL SUCH STONE OR RIPRAP HAS BEEN INSTALLED.
- OR, EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
8) WINTER CONSTRUCTION NOTES:
- ALL PROPOSED VEGETATED AREAS THAT DO NOT EXHIBIT A MINIMUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
- AFTER OCTOBER 15, INCOMPLETE ROAD OR PARKING SURFACES WHERE WORK HAS STOPPED FOR THE WINTER SEASON SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL PER NHDOT ITEM 304.3.
- DISTURBED AREAS THAT WILL REMAIN IDLE OVER THE WINTER PERIOD SHALL EMPLOY WINTER STABILIZATION MEASURES AS DESCRIBED IN SECTION 4--3 OF THE NH STORMWATER MANUAL VOLUME 3, AS AMENDED.
9) LOT DISTURBANCE, OTHER THAN THAT SHOWN ON THE APPROVED PLANS, SHALL NOT COMMENCE UNTIL AFTER THE ROADWAY HAS THE BASE COURSE TO DESIGN ELEVATION AND THE ASSOCIATED DRAINAGE IS COMPLETE AND STABLE.
10) SEDIMENT TRAPS SHALL BE INSTALLED AS REQUIRED. BARRIERS AND TRAPS ARE TO BE MAINTAINED AND CLEANED UNTIL ALL SLOPES HAVE A HEALTHY STAND OF GRASS.
11) MULCH SHALL BE MOWINGS OF ACCEPTABLE HERBACEOUS GROWTH, FREE FROM NOXIOUS WEEDS OR WOODY STEMS, AND SHALL BE DRY. NO SALT HAY SHALL BE USED.
12) FILL MATERIAL SHALL BE FREE FROM STUMPS, WOOD, ROOTS, ETC.
13) STOCKPILED MATERIALS SHALL BE PLACED ONLY IN AREAS SHOWN ON THE PLANS. STOCKPILES SHALL BE PROTECTED BY SEDIMENT CONTROL FENCE AND SEEDED TO PREVENT EROSION. THESE MEASURES SHALL REMAIN UNTIL ALL MATERIAL HAS BEEN PLACED OR DISPOSED OFF SITE.
14) ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED. A MINIMUM OF 6 INCHES OF LOAM SHALL BE INSTALLED WITH NOT LESS THAN ONE POUND OF SEED PER 50 SQUARE YARDS OF AREA.
15) SEED MIX SHALL BE EQUAL PARTS OF RED FESCUE (CREEPING), KENTUCKY BLUEGRASS, REDTOP, PERENNIAL RYEGRASS.
16) PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES. PROVIDE SWEEPING ON A DAILY BASIS OR AS DIRECTED BY THE TOWN.
17) ALL CATCH BASIN INLETS WILL BE PROTECTED WITH INLET PROTECTION -- SEE DETAIL.
18) ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTER AREA.
19) AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED THE TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED.
INSPECTION & MAINTENANCE PLAN FOR STORMWATER SYSTEM:
CONSTRUCTION PHASE:
1) THE CONTRACTOR IS TO INSTALL AND MAINTAIN DRAINAGE FACILITIES AS SHOWN ON THE SITE PLANS BY GREENMAN--PEDERSEN, INC.
2) PRIOR TO CONSTRUCTION, ALL EROSION/SEDIMENT CONTROL CONTROL DEVICES SHOWN ON ABOVE PLAN ARE TO BE INSTALLED. TO PREVENT SEDIMENT CONTROL INTRUSION INTO SURROUNDING AREAS DURING CONSTRUCTION, THE CONTRACTOR IS TO SET SEDIMENT CONTROL FENCING AT ALL SLOPES WHICH MAY ERODE IN THE DIRECTION OF ANY OPEN DRAINAGE FACILITIES OR ADJUTING PROPERTY. SUCH PREVENTIVE MEASURES ARE TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS.
3) ALL CONSTRUCTION OF DRAINAGE FACILITIES IS TO BE INSPECTED BY INSPECTORS FROM THE TOWN OF HUDSON AND BY AN AUTHORIZED AGENT TO VERIFY CONFORMANCE TO THE DESIGN PLAN.
4) THE SEQUENCE OF DRAINAGE CONSTRUCTION SHALL BE AS FOLLOWS:
A) CLEAR, GRUB, EXCAVATE AREAS FOR STORMWATER BASINS.
B) INSTALL CATCH BASINS, PIPES AND MANHOLES.
5) ALL EXPOSED SOILS SHALL BE IMMEDIATELY STABILIZED WITH A LAYER OF MULCH HAY.
6) UPON INSTALLATION OF CATCH BASINS, INLET PROTECTION -- AS DESCRIBED ON AFOREMENTIONED PLAN -- SHALL BE INSTALLED AND MAINTAINED UNTIL READY FOR PAVING.
7) PRIOR TO CONSTRUCTION OF IMPERVIOUS AREAS, ALL DRAINAGE STRUCTURES AND PIPES SHALL BE INSTALLED AND INSPECTED FOR PROPER FUNCTION. DURING CONSTRUCTION OF OTHER SITE FEATURES, ALL DRAINAGE FACILITIES SHALL BE INSPECTED ON A DAILY BASIS AND CLEANED/REPAIRED IMMEDIATELY UPON DISCOVERY OF SEDIMENT BUILD--UP OR DAMAGE.
8) INSPECTIONS ARE TO BE PERFORMED AND INSPECTION LOGS FILLED OUT IN ACCORDANCE WITH US EPA CGP REQUIREMENTS FROM THE START OF CONSTRUCTION THROUGH FINAL STABILIZATION. THE START OF CONSTRUCTION MEANS THE INITIAL DISTURBANCE OF SOILS ASSOCIATED WITH CONSTRUCTION. FINAL STABILIZATION MEANS 85% VEGETATIVE GROWTH FOR UNPAVED AREAS.
POST CONSTRUCTION PHASE:
SEE "INSPECTION AND MAINTENANCE MANUAL FOR STORMWATER MANAGEMENT SYSTEMS" (I&M) PREPARED BY GREENMAN--PEDERSEN, INC.

GPI Engineering Design Planning Construction Management
603.893.0720 GPINET.COM
Greenman-Pedersen, Inc.
44 Stiles Road, Suite One
Salem, NH 03079

PREPARED FOR
SOUSA REALTY & DEVELOPMENT CORP.
46 LOWELL ROAD
HUDSON, NH 03051

ASSESSOR MAP 165 LOT 49
36 CAMPBELLO STREET
HUDSON, NEW HAMPSHIRE

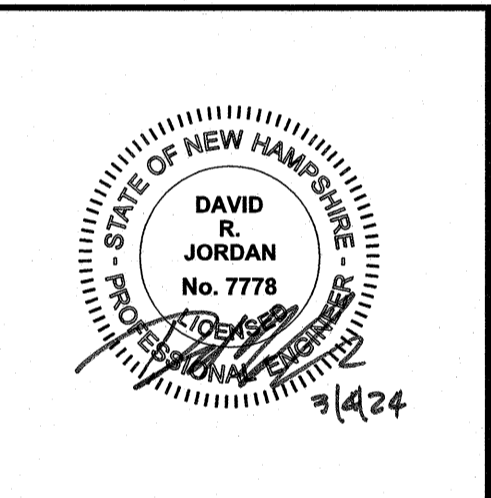


Table with 3 columns: NO., REVISION, DATE. Includes entries for 'REVISE NOTES' on 3/1/24 and 1/4/24, and a date stamp for NOVEMBER 20, 2023.

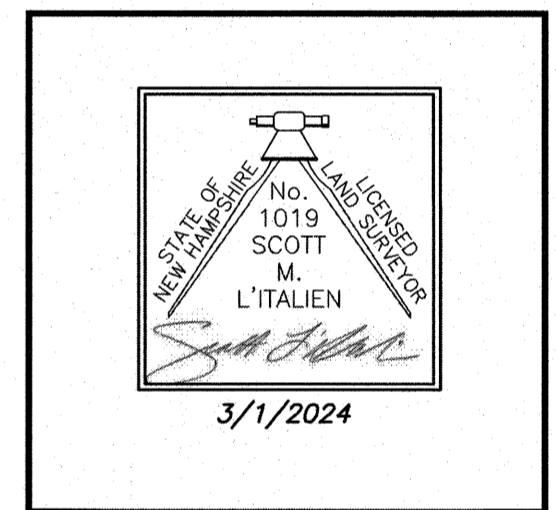
GENERAL NOTES AND LEGEND

SCALE: NOT TO SCALE

PROJECT NO. NEX-2300191

PREPARED FOR
 SOUSA REALTY &
 DEVELOPMENT CORP.
 46 LOWELL ROAD
 HUDSON, NH 03051

ASSESSOR MAP 165 LOT 49
36 CAMPBELLO STREET
HUDSON, NEW HAMPSHIRE



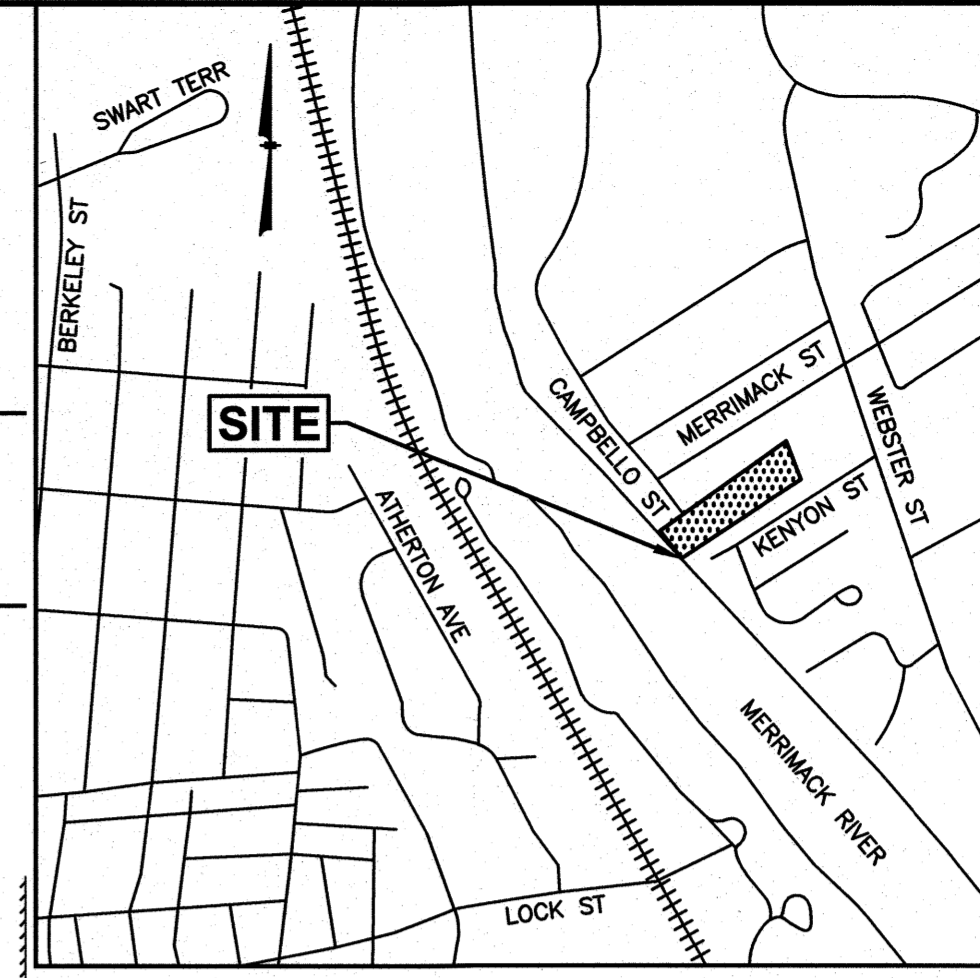
REVISIONS		
NO.	REVISION	DATE
1.	MISC. REVISIONS	3/1/24
NOVEMBER 20, 2023		
DRAWN/DESIGN BY	CHECKED BY	
KAC	SML	

EXISTING CONDITIONS PLAN

SCALE: 1"=40'

PROJECT NO. NEX-2300191

3 OF 16



LOCATION MAP
 (1"=1000')

- NOTES:**
- 1) ZONE: TOWN RESIDENTIAL DISTRICT (TR)
 MIN. LOT SIZE: 10,000 Sq.Ft.
 MIN. LOT FRONTAGE: 90 Ft.
 SETBACKS:
 FRONT 30 Ft.
 SIDE 15 Ft.
 REAR 15 Ft.
 - 2) REFER TO THE TOWN OF HUDSON ZONING ORDINANCE FOR VERIFICATION, ADDITIONAL RESTRICTIONS AND PERMITTED USES. THE ZONING INFORMATION SHOWN HEREON IS BASED ON A REVIEW OF THE HUDSON ZONING ORDINANCE.
 - 3) THIS PLAN IS THE RESULT OF AN ON-THE-GROUND FIELD SURVEY PERFORMED BY THIS OFFICE BETWEEN AUGUST 4, 2023 AND AUGUST 10, 2023.
 - 4) BEARINGS SHOWN HEREON ARE BASED ON NAD83 PER GPS OBSERVATIONS PERFORMED BY THIS OFFICE ON AUGUST 4, 2023.
 - 5) ELEVATIONS SHOWN HEREON ARE BASED ON NAVD88 PER GPS OBSERVATIONS PERFORMED BY THIS OFFICE ON AUGUST 4, 2023.
 - 6) LOCATION OF UNDERGROUND UTILITIES IS APPROXIMATE ONLY. ADDITIONAL UNDERGROUND UTILITIES OTHER THAN THOSE SHOWN MAY BE ENCOUNTERED. INVERTS ARE LISTED IN A CLOCKWISE DIRECTION ENDING WITH THE INVERT OUT (UNLESS OTHERWISE NOTED).
 - 7) A PORTION OF THE SURVEY TRACT IS LOCATED IN A SPECIAL FLOOD HAZARD AREA (100 YEAR FLOOD) PER FLOOD INSURANCE RATE MAP NUMBER 33011C0514E, WITH AN EFFECTIVE DATE OF APRIL 18, 2011.
 - 8) FEMA FLOOD HAZARDS SHOWN HEREON TAKEN FROM FEMA'S NATIONAL FLOOD HAZARD LAYER GIS DATA.
 - 9) WETLAND LINES SHOWN HEREON DELINEATED BY GOVE ENVIRONMENTAL SERVICES, INC. ON AUGUST 7, 2023.

SOIL MAPPING NOTES

THIS MAP PRODUCT IS WITHIN THE TECHNICAL STANDARDS OF THE NATIONAL COOPERATIVE SOIL SURVEY. IT IS A SPECIAL PURPOSE PRODUCT, INTENDED FOR INFILTRATION REQUIREMENTS BY THE NH DES ALTERATION OF TERRAIN BUREAU. IT WAS PRODUCED BY A PROFESSIONAL SOIL SCIENTIST, AND IS NOT A PRODUCT OF THE USDA NATURAL RESOURCES CONSERVATION SERVICE. THERE IS A REPORT THAT ACCOMPANIES THIS MAP.

THE SITE SPECIFIC SOIL MAP (SSSM) WAS PRODUCED 10-03-2023, AND WAS PREPARED BY JAMES P. GOVE, CSS # 004, GOVE ENVIRONMENTAL SERVICES, INC. THE SURVEY AREA IS LOCATED AT 36 CAMPBELLO STREET, HUDSON, NH.

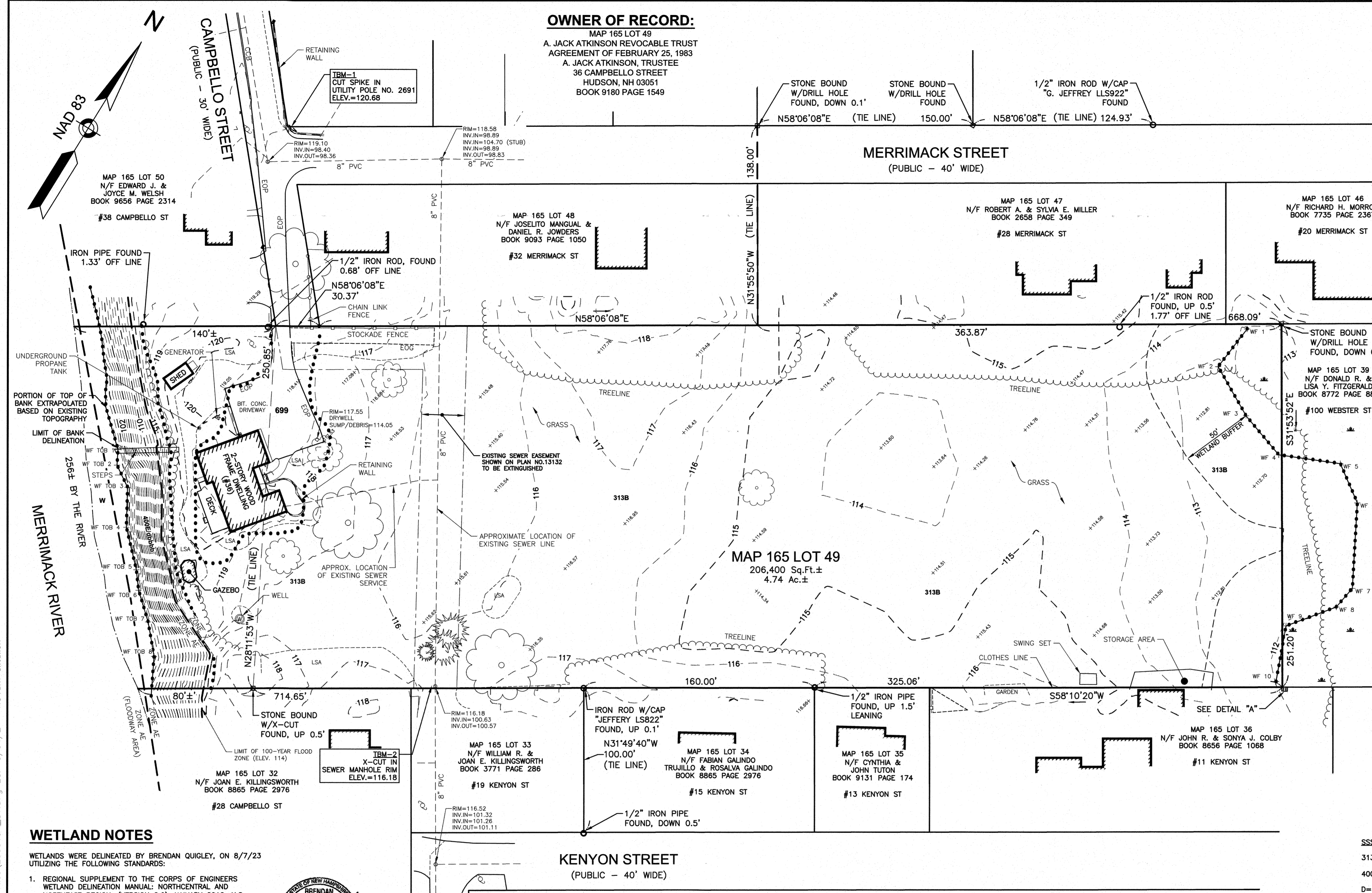
SOILS WERE IDENTIFIED WITH THE NEW HAMPSHIRE STATE-WIDE NUMERICAL SOILS LEGEND, USDA NRCS, DURHAM, NH, ISSUE # 10, JANUARY 2011. THE NUMERIC LEGEND WAS AMENDED TO IDENTIFY THE CORRECT SOIL COMPONENTS OF THE COMPLEX.

HYDROLOGIC SOIL GROUP FROM KSAT VALUES FOR NEW HAMPSHIRE SOILS, SOCIETY OF SOIL SCIENTISTS OF NEW ENGLAND, SPECIAL PUBLICATION NO. 5, SEPTEMBER, 2009.

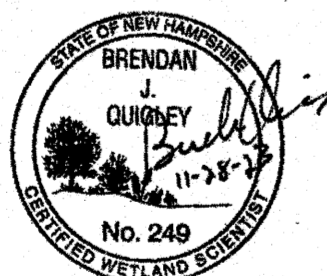
SSSM SYM.	SSSM MAP NAME	HISS SYM.	HYDROLOGIC SOIL GRP.
313	DEERFIELD LOAMY SAND	311	B
400/DBBBB	UDORTHENTS, SANDY	361	B
699	URBAN LAND	N/A	IMPERVIOUS
W	WATER		

SOILS PHASE:
 0-8% - B 8-15% - C 15-25% - D 25%+ - E

OWNER OF RECORD:
 MAP 165 LOT 49
 A. JACK ATKINSON REVOCABLE TRUST
 AGREEMENT OF FEBRUARY 25, 1983
 A. JACK ATKINSON, TRUSTEE
 36 CAMPBELLO STREET
 HUDSON, NH 03051
 BOOK 9180 PAGE 1549

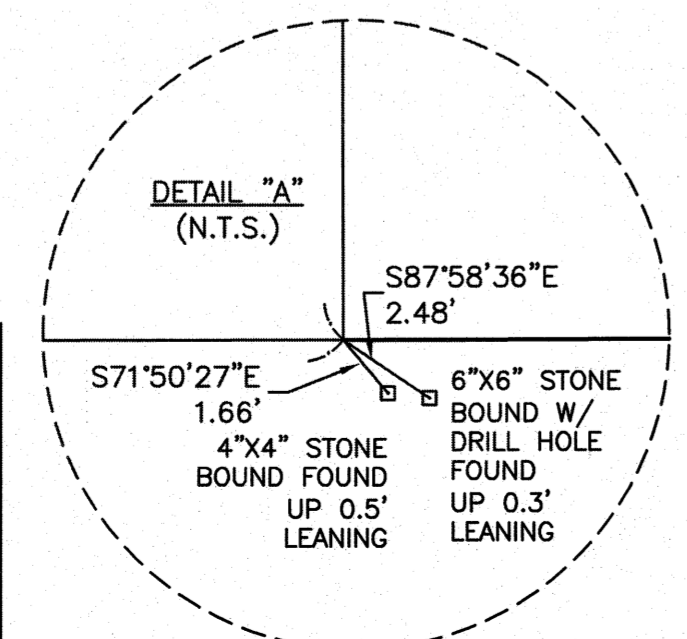


- WETLAND NOTES**
- WETLANDS WERE DELINEATED BY BRENDAN QUIGLEY, ON 8/7/23 UTILIZING THE FOLLOWING STANDARDS:
1. REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGION, (VERSION 2.0) JANUARY 2012, U.S. ARMY CORPS OF ENGINEERS.
 2. FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 8.2, UNITED STATES DEPARTMENT OF AGRICULTURE (2018).
 3. NEW ENGLAND HYDRIC SOILS TECHNICAL COMMITTEE, 2020 VERSION 4, FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, NEW ENGLAND INTERSTATE WATER POLLUTION CONTROL COMMISSION, LOWELL, MA.
 4. U.S. ARMY CORPS OF ENGINEERS NATIONAL WETLAND PLANT LIST, VERSION 3.5, (2020).
 5. CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES, USFW MANUAL FWS/OBS-79/31 (1979).



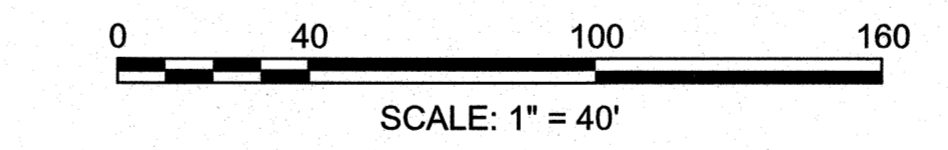
APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____
 SIGNATURE _____ DATE _____
 SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR TWO YEARS FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL ALL SHEETS APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.



LEGEND

CCB	CAPE COD BERM	⊗	MANHOLE
G	GAS LINE	⊗	WATER VALVE
T	UNDERGROUND TELEPHONE	⊗	WATER SHUT OFF
W	WATER LINE	⊗	FIRE HYDRANT
E	UNDERGROUND ELECTRIC	⊗	BOLLARD
—	CHAIN LINK FENCE	⊗	GAS METER
—	STOCKADE FENCE	⊗	ELECTRIC METER
90	CONTOUR ELEVATION	⊗	MONITORING WELL
○	TREE	⊗	LIGHT POLE
○	UTILITY POLE	⊗	BORING
—	GUY WIRE	⊗	WETLAND LINE
—	OVERHEAD WIRE	⊗	WATER FEATURE
—	TREELINE	⊗	EASEMENT LINE
—	SIGN	⊗	PROPERTY LINE
—	SPOT ELEVATION	⊗	ABUTTER PROPERTY LINE
—	CATCH BASIN	⊗	BUILDING SETBACK
—	SEWER MANHOLE	⊗	FLOOD ZONE LINE
—	SOIL CLASSIFICATION	⊗	SOIL BOUNDARY



CERTIFICATION:

I CERTIFY THAT THIS SURVEY AND PLAN WAS PREPARED BY ME OR THOSE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAN IS THE RESULT OF AN ACTUAL SURVEY PERFORMED ON THE GROUND IN AUGUST 2023 AND HAS AN ERROR OF CLOSURE OF NOT MORE THAN ONE PART IN TEN THOUSAND.

SCOTT M. L'ITALIEN, LLS #1019 DATE 3/1/2024

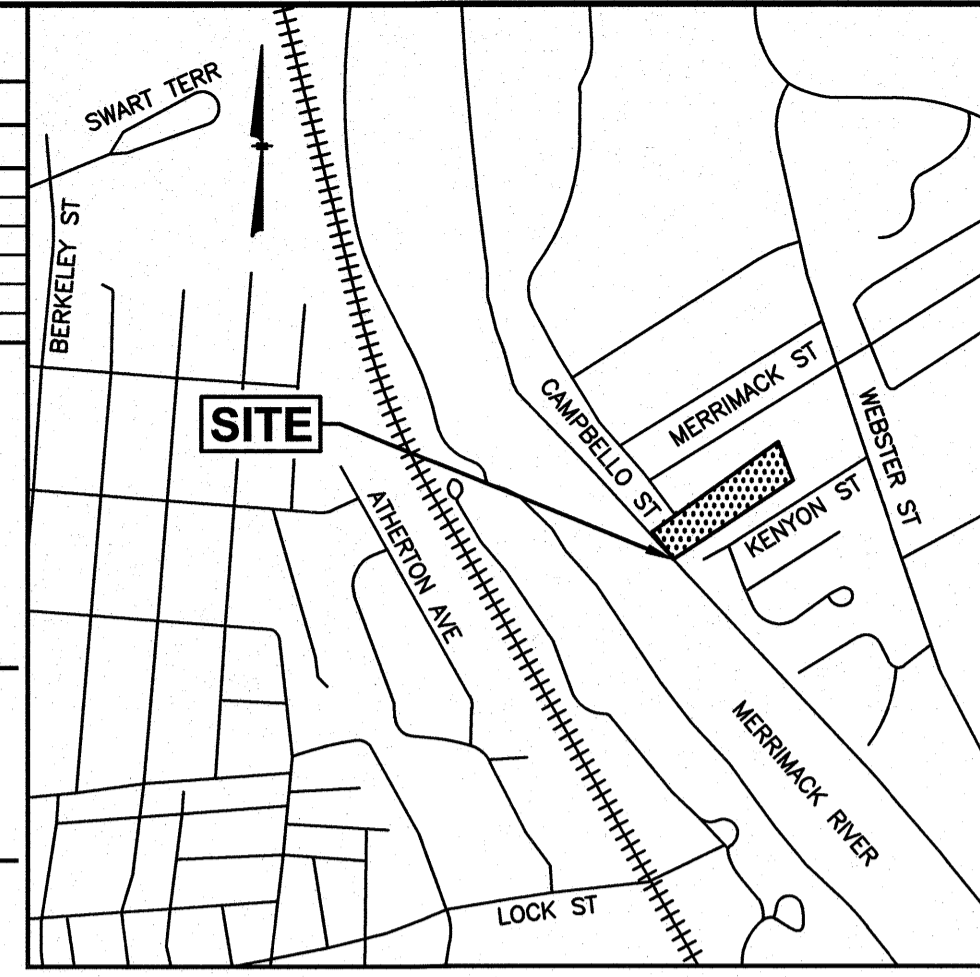
- PLAN REFERENCES:**
 HILLSBOROUGH COUNTY REGISTRY OF DEEDS
- 1) PLAN NO. 13132
 - 2) PLAN NO. 407
 - 3) PLAN NO. 511
 - 4) PLAN NO. 12135
 - 5) PLAN NO. 13134
 - 6) PLAN NO. 13218
 - 7) PLAN NO. 25875
 - 8) PLAN NO. 30647
 - 9) PLAN NO. 31388
 - 10) PLAN NO. 39078

SOIL SURVEY PERFORMED

BY
 JAMES P. GOVE
 GOVE ENVIRONMENTAL SERVICES, INC.
 8 CONTINENTAL DR., BLDG 2, UNIT 4, EXETER, NH 03833-7507

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TABLE OF ZONING REGULATIONS - HUDSON, NH		
ZONE: (TR) TOWN RESIDENTIAL DISTRICT		
DESCRIPTION	REQUIRED	PROVIDED
MINIMUM LOT AREA Sq. Ft.	10,000 SF	10,000 SF MIN.
MINIMUM LOT FRONTAGE	90'	90' MIN.
MINIMUM FRONT YARD BUILDING SETBACK	30'	TBD (30' MIN.)
MINIMUM REAR YARD BUILDING SETBACK	15'	TBD (15' MIN.)
MINIMUM SIDE YARD BUILDING SETBACK	15'	TBD (15' MIN.)
MAXIMUM BUILDING HEIGHT	38'	TBD (38' MIN.)



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 603.893.0720 GPINET.COM
 Greenman-Pedersen, Inc.
 44 Stiles Road, Suite One
 Salem, NH 03079

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ASSESSOR MAP 165 LOT 49
36 CAMPBELLO STREET
HUDSON, NEW HAMPSHIRE

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 REVOCABLE TRUST AGREEMENT OF
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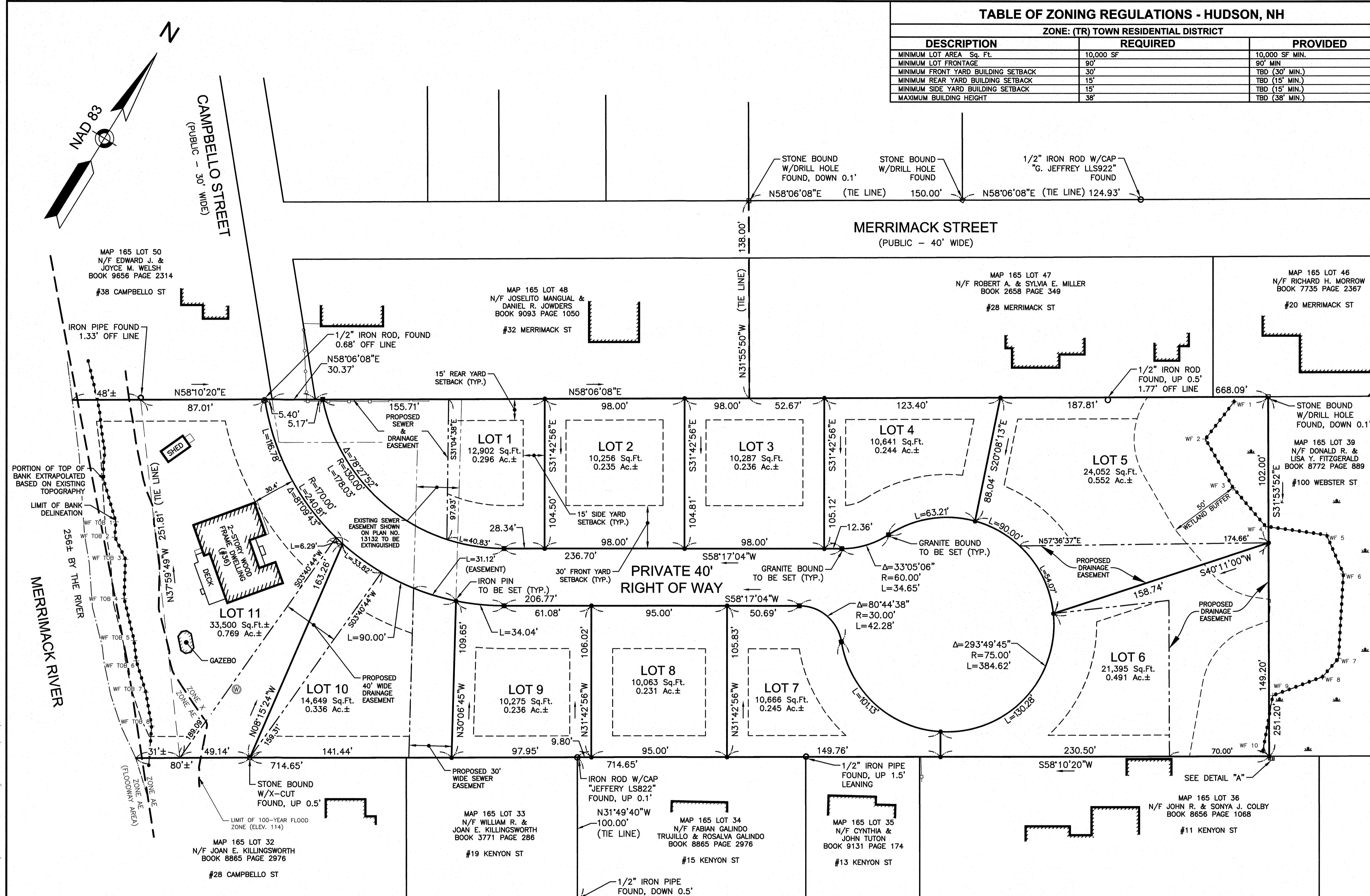
REVISIONS		
NO.	REVISION	DATE
1.	MISC. REVISIONS	3/1/24
NOVEMBER 20, 2023		
DRAWN/DESIGN BY	CHECKED BY	
KAC	SML	

SUBDIVISION PLAN

SCALE: 1"=40'

PROJECT NO. NEX-2300191

4 OF 16



- NOTES:**
- 1) ZONE: TOWN RESIDENTIAL DISTRICT (TR)
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 - 8) FEMA FLOOD BOUNDARIES SHOWN HEREON TAKEN FROM FEMA'S NATIONAL FLOOD HAZARD LAYER GIS DATA.
 - 9) WETLAND LINES SHOWN HEREON DELINEATED BY GOVE ENVIRONMENTAL SERVICES, INC. ON AUGUST 7, 2023.
 - 10) THE EXISTING SEWER EASEMENT SHOWN ON HCRD PLAN NO. 13132 IS BEING MODIFIED AND REPLACED WITH THE EASEMENTS AS SHOWN ON THIS PLAN.
 - 11) ALL GRANITE BOUNDS TO BE SET SHALL BE 4"x4"x3".
 - 12) THE PROPOSED RIGHT OF WAY SHOWN HEREON IS INTENDED TO REMAIN A PRIVATE WAY.

PLAN REFERENCES:
 HILLSBOROUGH COUNTY REGISTRY OF DEEDS

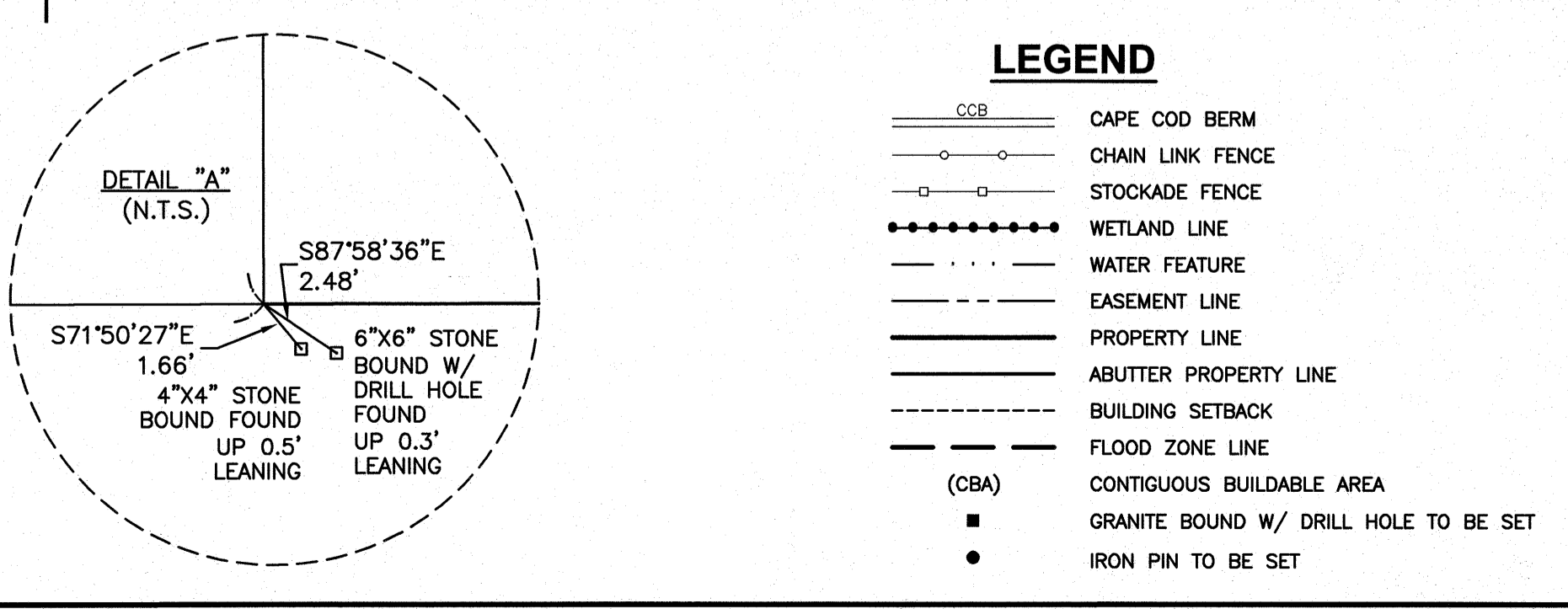
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APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

SIGNATURE _____ DATE _____

SIGNATURE _____ DATE _____

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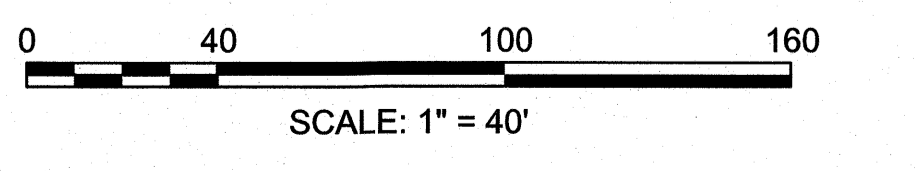


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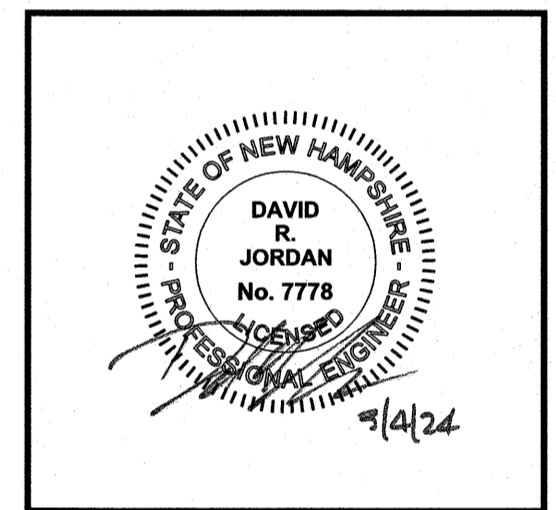
Scott M. L'Italien

SCOTT M. L'ITALIEN, LLS #1019 DATE 3/1/2024



PREPARED FOR
SOUSA REALTY &
DEVELOPMENT CORP.
46 LOWELL ROAD
HUDSON, NH 03051

ASSESSOR MAP 165 LOT 49
36 CAMPBELLO STREET
HUDSON, NEW HAMPSHIRE



REVISIONS		
NO.	REVISION	DATE
1	MISC. REVISIONS	3/1/24
NOVEMBER 20, 2023		
DRAWN/DESIGN BY	CHECKED BY	
CNM	DRJ	

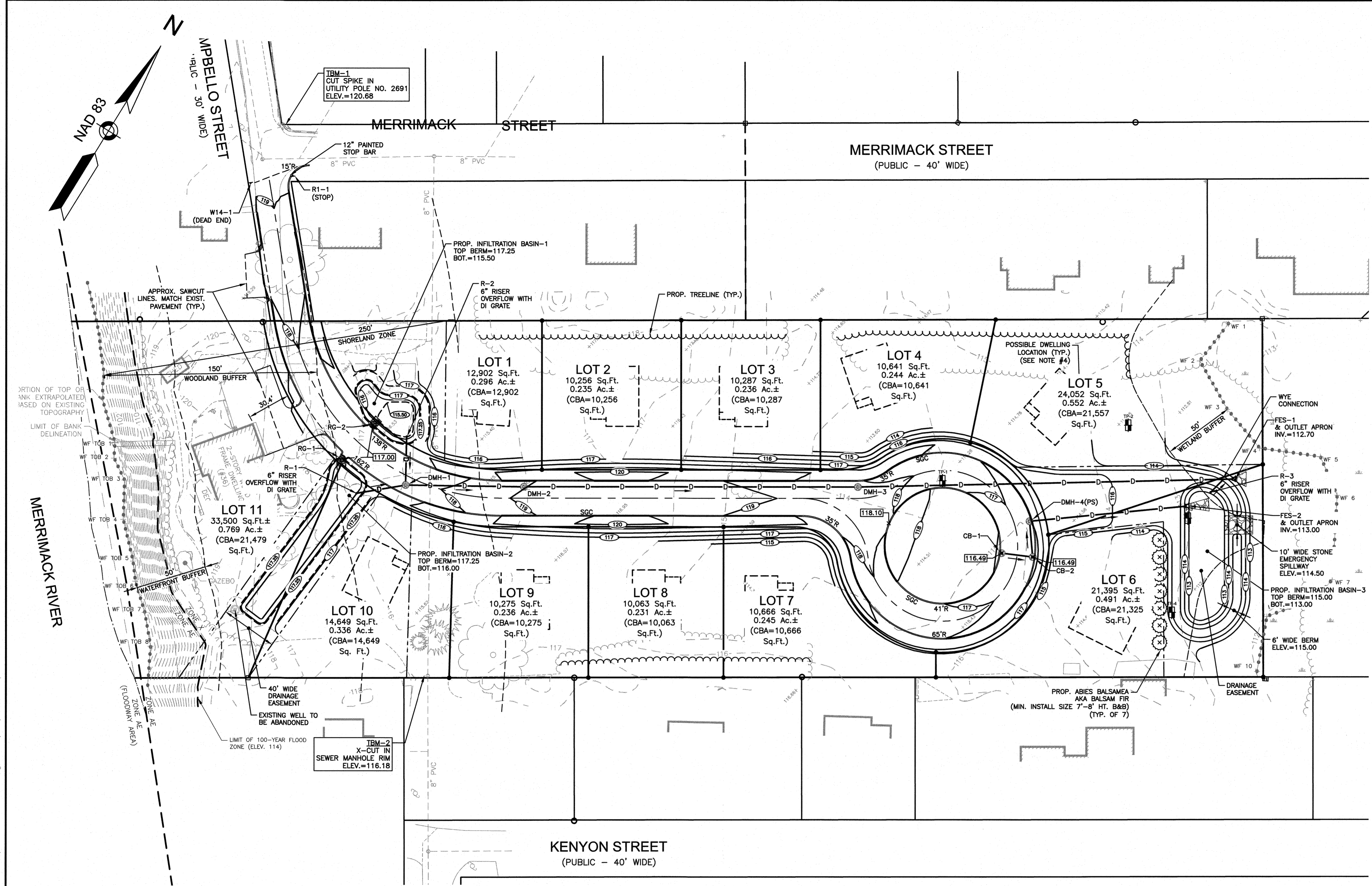
GRADING & DRAINAGE PLAN

SCALE: 1"=40'

PROJECT NO.
NEX-2300191

5 OF 16

- NOTES:**
- SEE SHEET 2 FOR NOTES AND LEGEND INFORMATION.
 - SEE SHEETS 9 AND 10 FOR CROSS-SECTIONS.
 - SEE SHEETS 11 THRU 16 FOR CONSTRUCTION DETAILS.
 - THE SIZE AND LOCATION OF THE FUTURE DWELLINGS IS APPROXIMATE ONLY AND IS SUBJECT TO CHANGE.



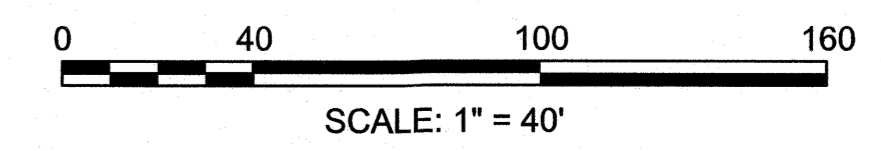
DRAINAGE PIPE SCHEDULE					
FROM STRUCTURE NUMBER	PIPE SIZE (INCHES)	TYPE OF PIPE	APPROX. PIPE LENGTH (FEET)	SLOPE OF PIPE (FT./FT.)	TO STRUCTURE NUMBER
CB-1	12	HDPE	22	0.005	CB-2
CB-2	12	HDPE	25	0.006	DMH-4(PS)
DMH-1	12	HDPE	83	0.004	DMH-2
DMH-2	12	HDPE	235	0.004	DMH-3
DMH-3	12	HDPE	266	0.004	FES-1
DMH-4(PS)	12	HDPE	113	0.005	FES-2
R-1	6	DI	35	0.007	DMH-1
R-2	6	DI	34	0.004	DMH-1
R-3	6	DI	13	0.004	WYE

DRAINAGE STRUCTURES		
CB-1*	RIM=116.49 INV.OUT=114.00	R-1 GRATE = 116.50 INV. = 115.80
CB-2*	RIM=116.49 INV.IN=113.90(CB-1) INV.OUT=113.80	R-2 GRATE = 116.75 INV. = 115.70
DMH-1*	RIM=117.47 INV.IN=115.55(R-2) INV.IN=115.55(R-1) INV.OUT=115.45	R-3 GRATE = 114.50 INV. = 112.75
DMH-2	RIM=118.95 INV.IN=115.10(DMH-1) INV.OUT=115.00	FES-1 INV.=112.70
DMH-3	RIM=118.18 INV.IN=113.97(DMH-2) INV.OUT=113.87	FES-2 INV.=113.00
DMH-4(PS)	RIM=116.55 INV.IN=113.65(CB-2) INV.OUT=113.55	FES-3 INV.=113.00

* DENOTES LOW PROFILE FRAME, COVER AND TOP SLAB

RG DENOTES RAIN GUARDIAN TURRET (SEE DETAIL)

(PS) DENOTES FIRST DEFENSE FD-4HC HYDRODYNAMIC PARTICLE SEPARATOR OR APPROVED EQUAL. (SEE DETAIL)

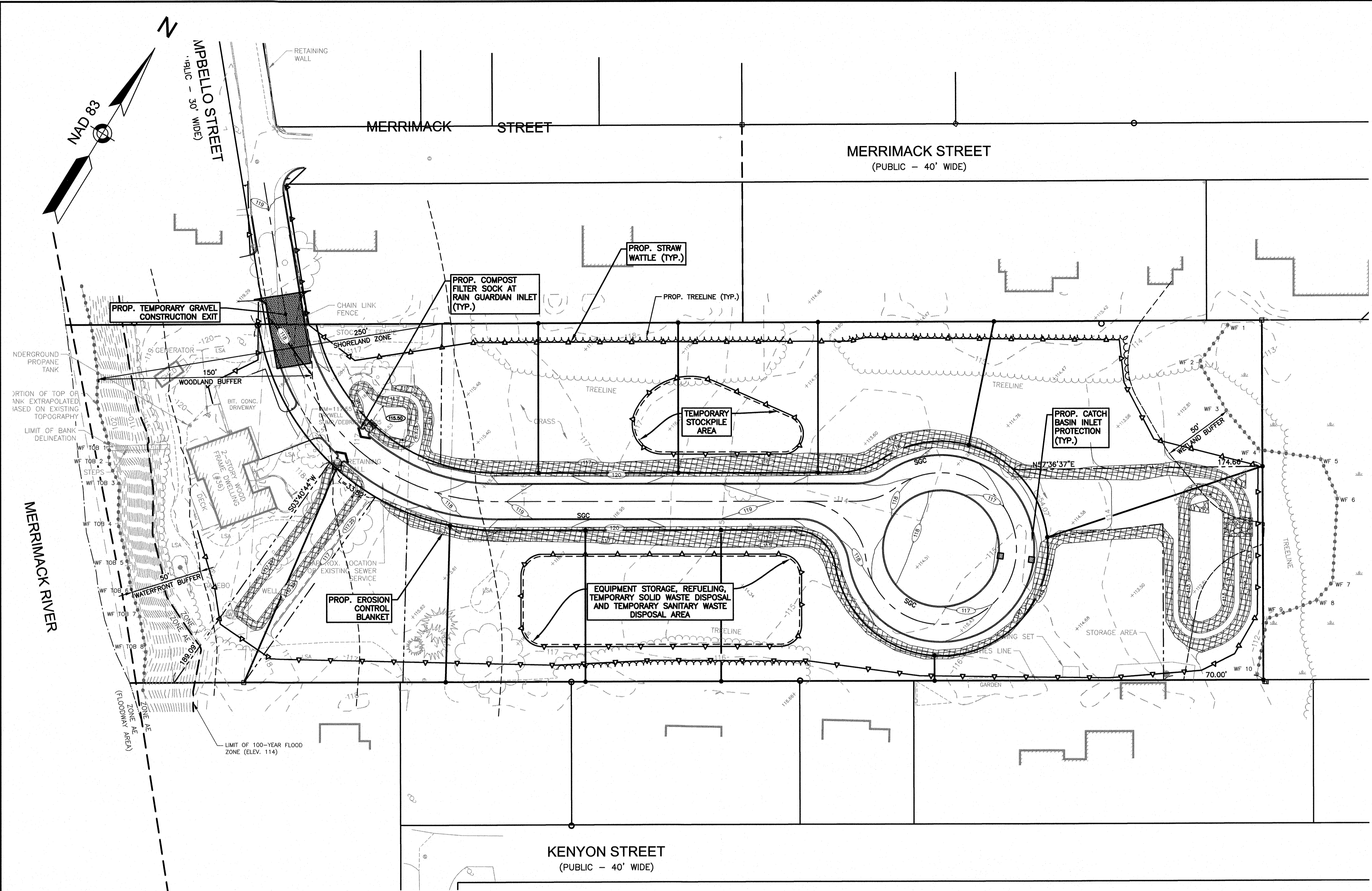


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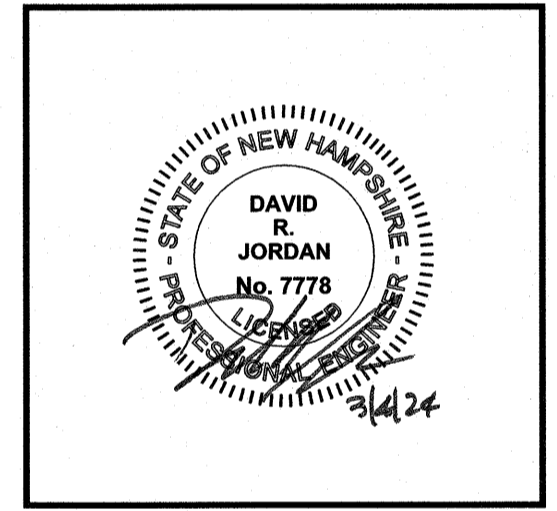


NOTES:
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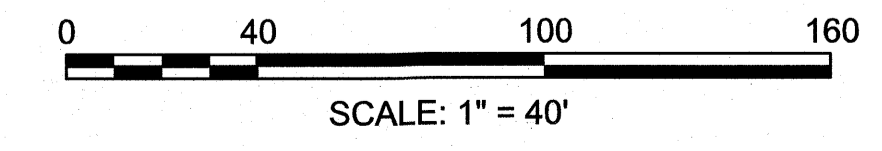
ASSESSOR MAP 165 LOT 49
 36 CAMPELLO STREET
 HUDSON, NEW HAMPSHIRE



REVISIONS		
NO.	REVISION	DATE
1	MISC. REVISIONS	3/1/24

NOVEMBER 20, 2023
 DRAWN/DESIGN BY: CNM
 CHECKED BY: DRJ

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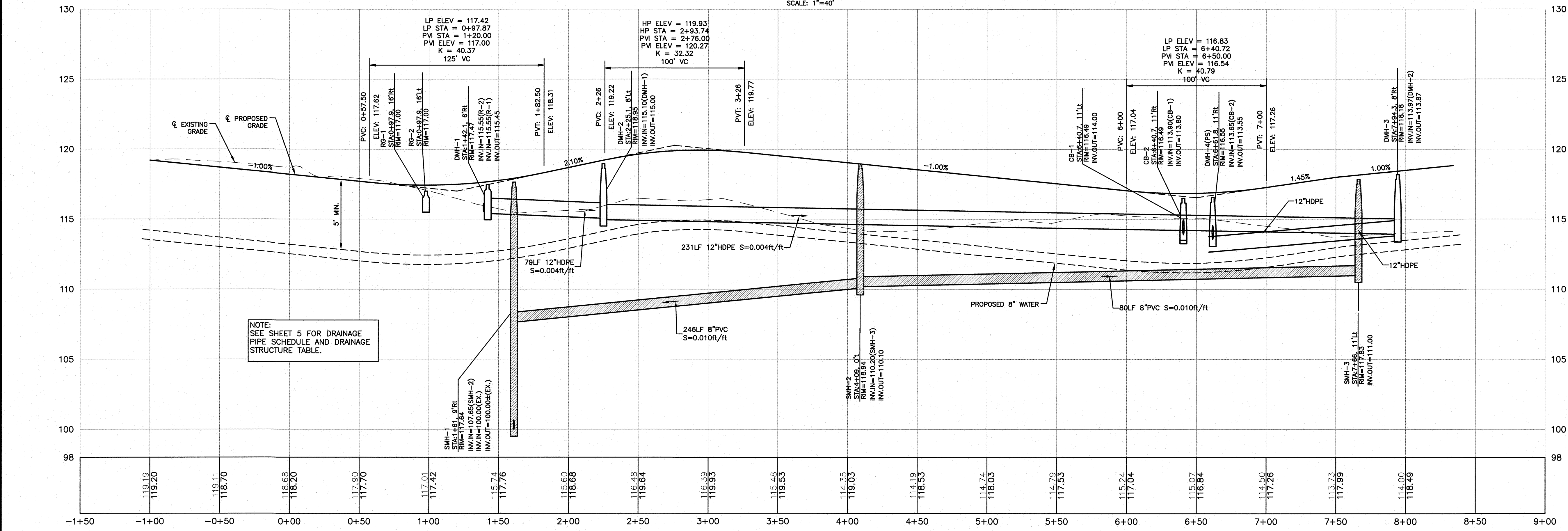
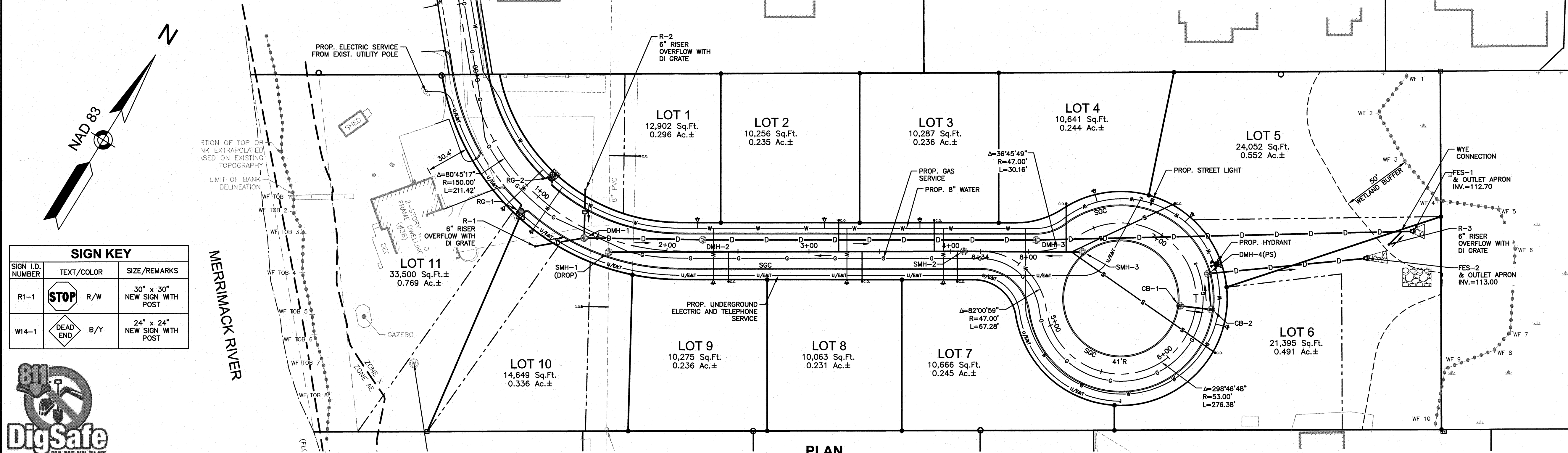


**EROSION &
 SEDIMENT
 CONTROL PLAN**
 SCALE: 1"=40'
 PROJECT NO. NEX-2300191
 6 OF 16

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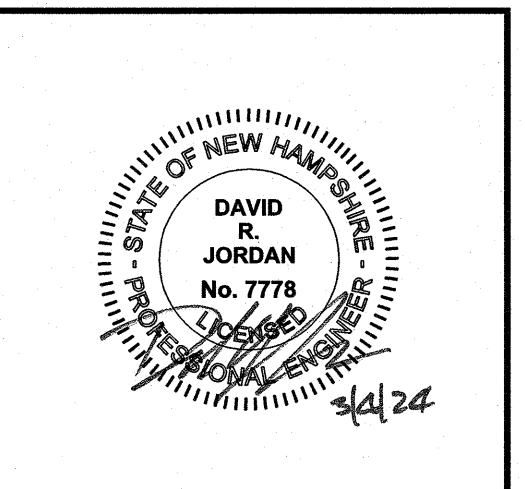
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GPI Engineering Design Construction Management
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REVISIONS

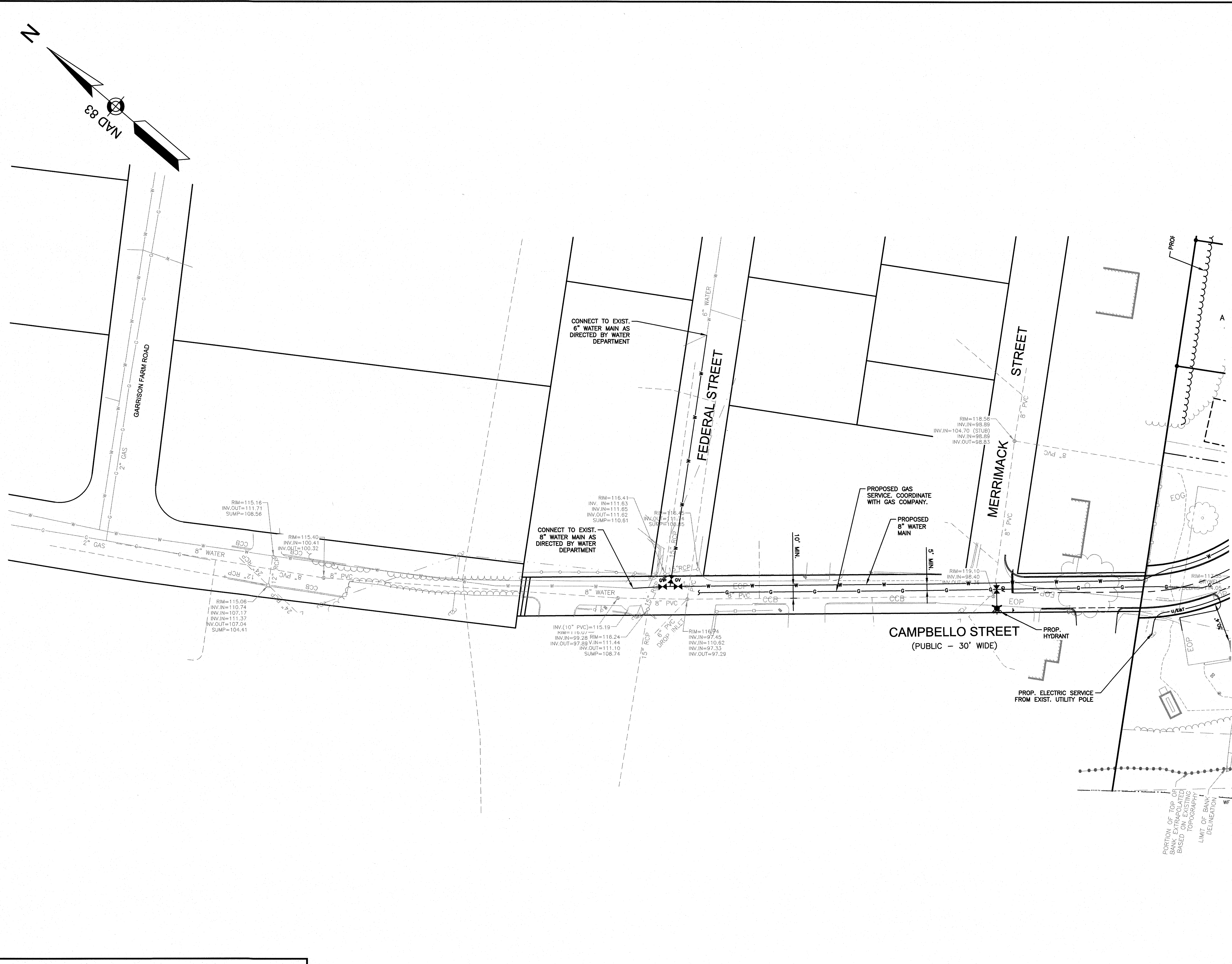
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 CHECKED BY: DRJ

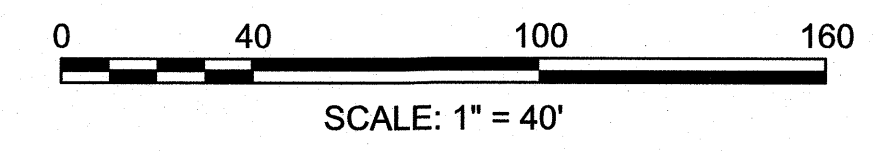
ROADWAY PLAN & PROFILE
 SCALE: 1"=40'
 PROJECT NO. NEX-2300191
 7 OF 16

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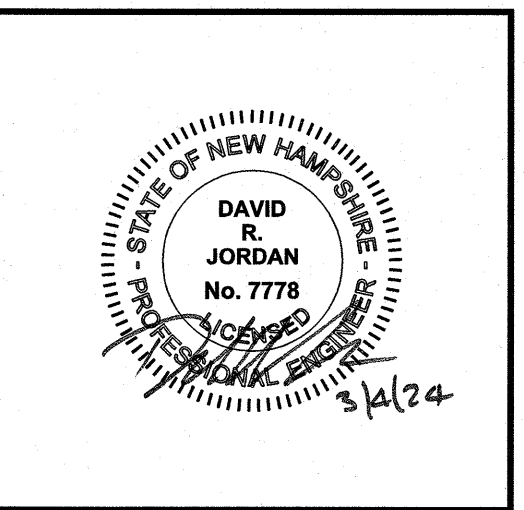
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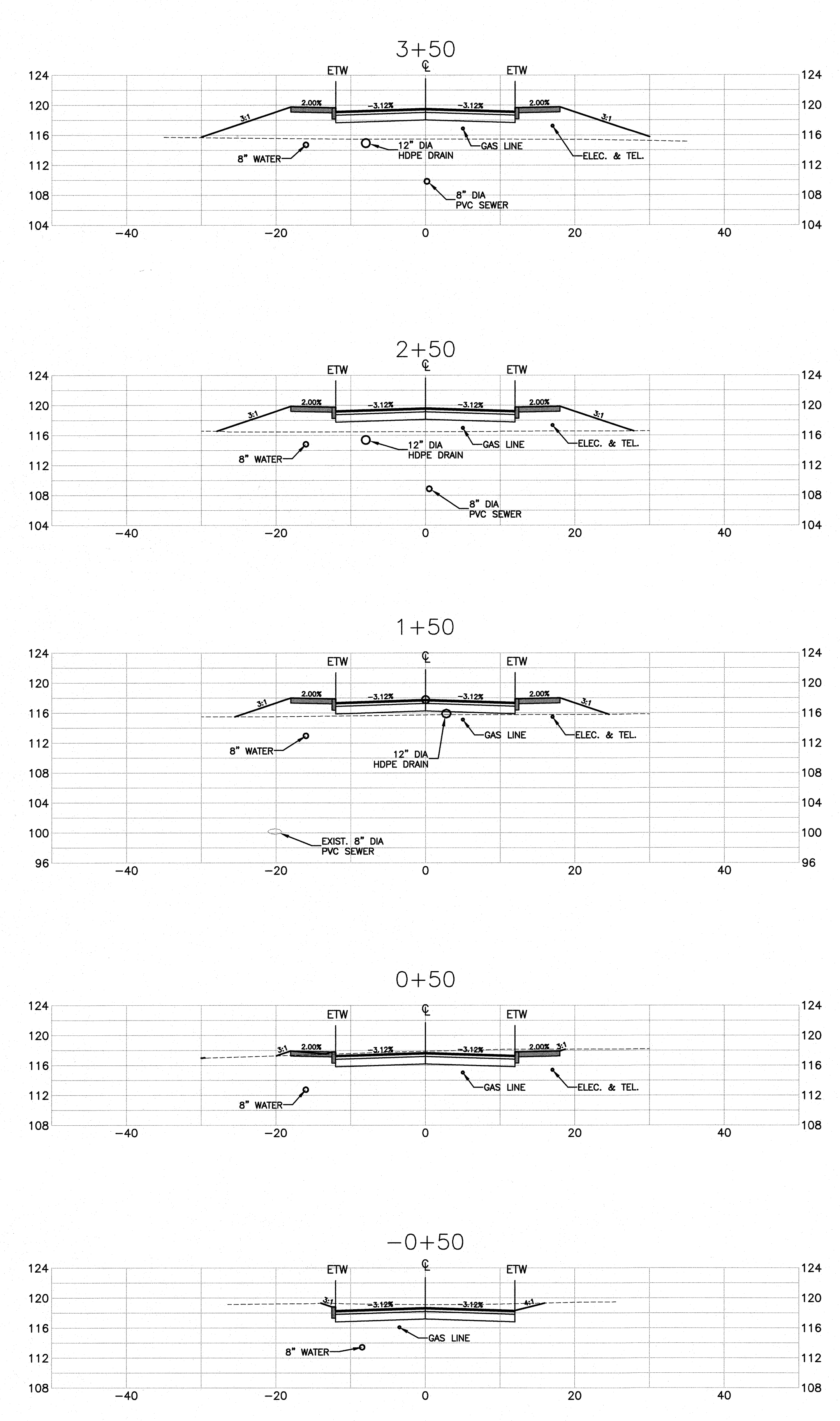
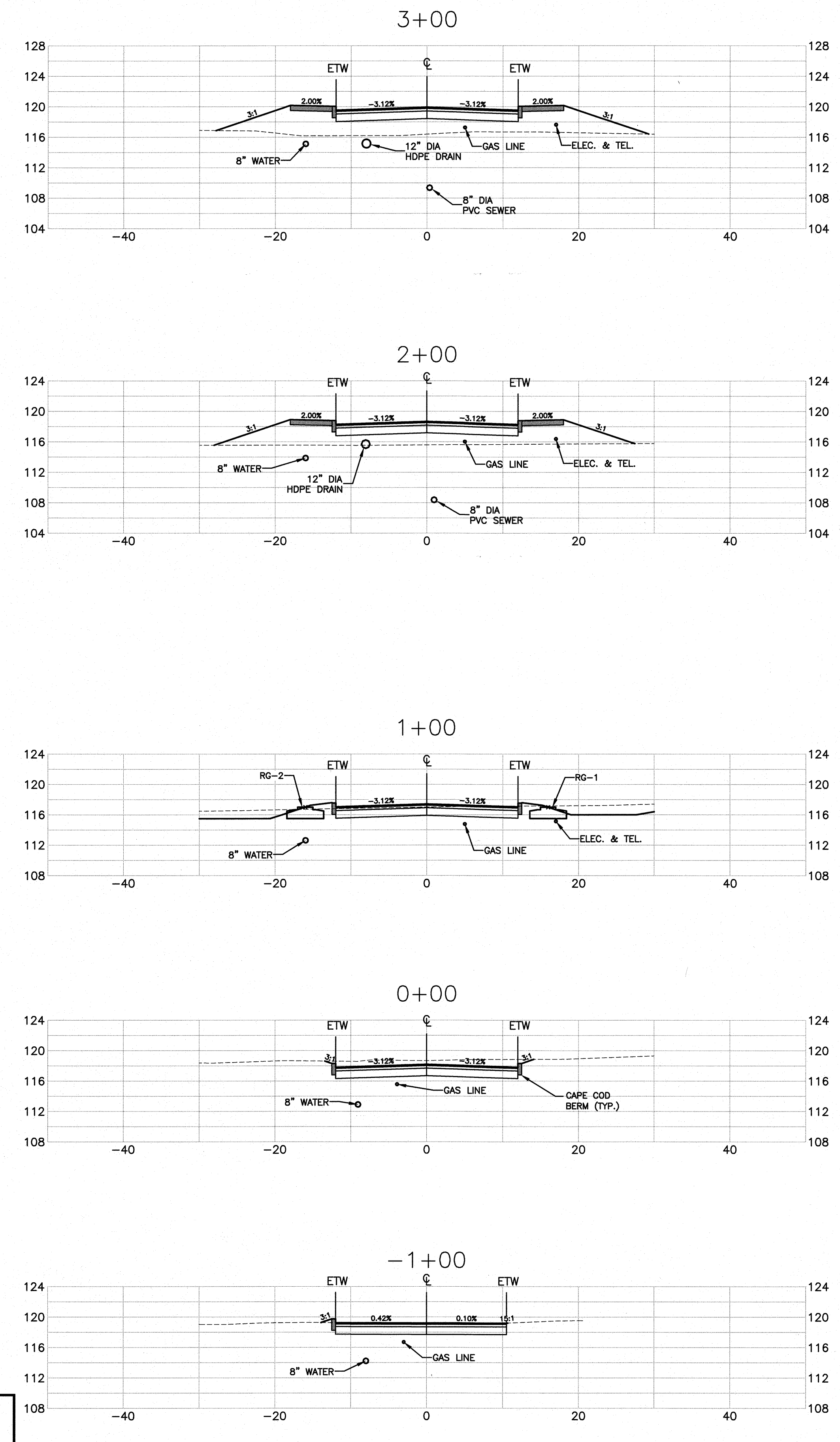
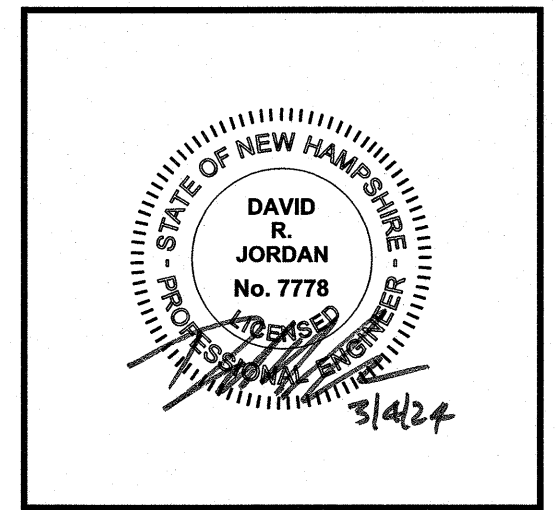
REVISIONS		
NO.	REVISION	DATE
1	ADD HYDRANT	3/1/24
NOVEMBER 20, 2023		
DRAWN/DESIGN BY	CHECKED BY	
CNM	DRJ	

**OFF-SITE
 UTILITY
 EXTENSION
 PLAN**
 SCALE: 1"=40'
 PROJECT NO. NEX-2300191
8 OF 16

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PREPARED FOR
SOUSA REALTY & DEVELOPMENT CORP.
46 LOWELL ROAD
HUDSON, NH 03051

ASSESSOR MAP 165 LOT 49
36 CAMPBELLO STREET
HUDSON, NEW HAMPSHIRE



APPROVED BY THE HUDSON, NH PLANNING BOARD
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REVISIONS		
NO.	REVISION	DATE
1	MISC. REVISIONS	3/1/24

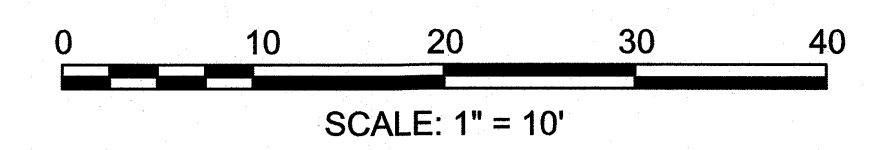
NOVEMBER 20, 2023
DRAWN/DESIGN BY: CNM CHECKED BY: DRJ

ROADWAY CROSS SECTIONS (1 OF 2)

SCALE: 1"=10'

PROJECT NO. NEX-2300191

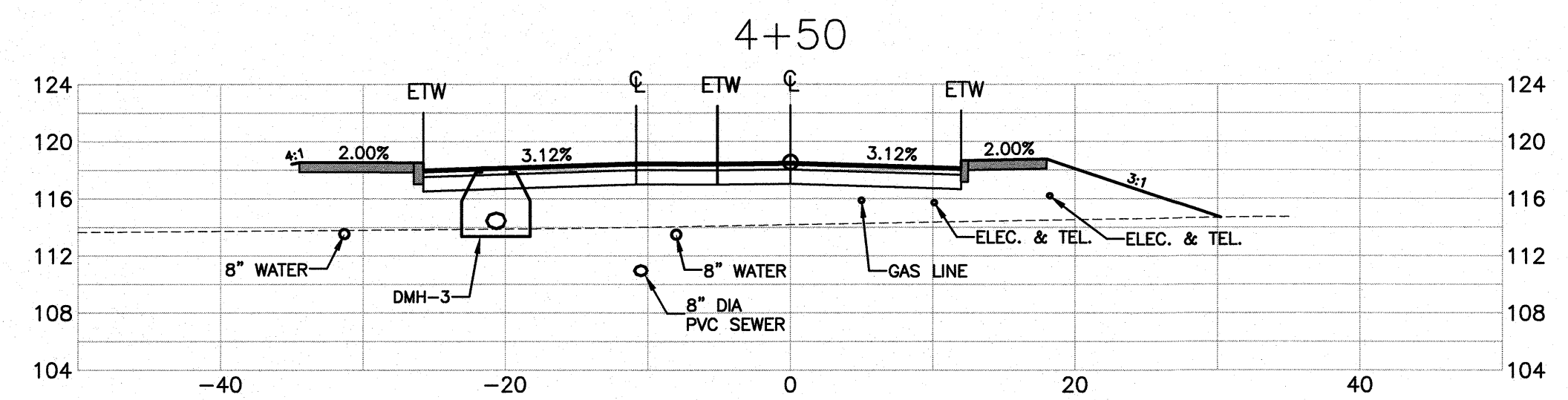
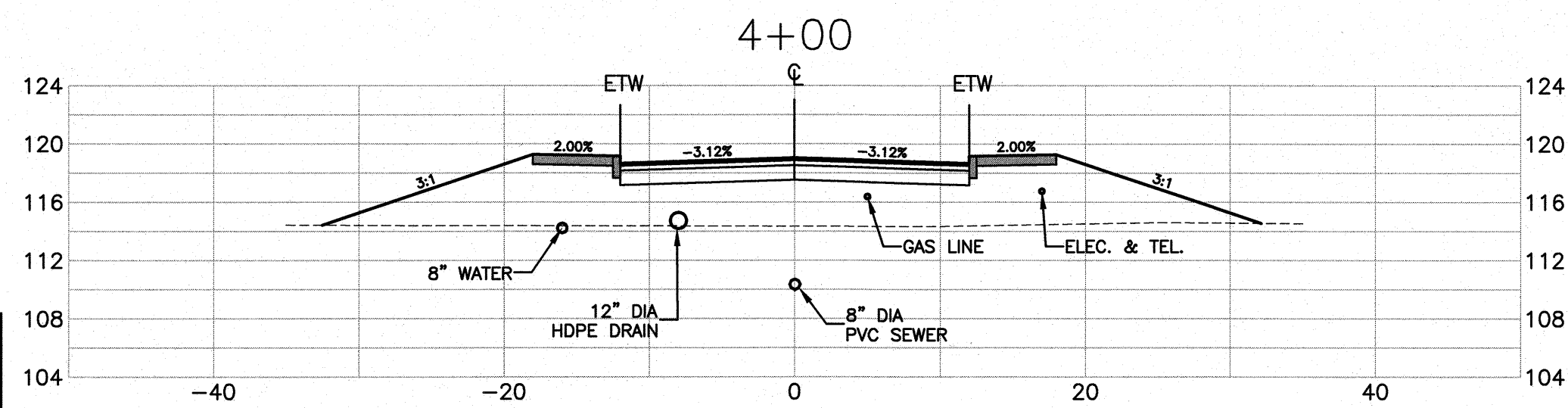
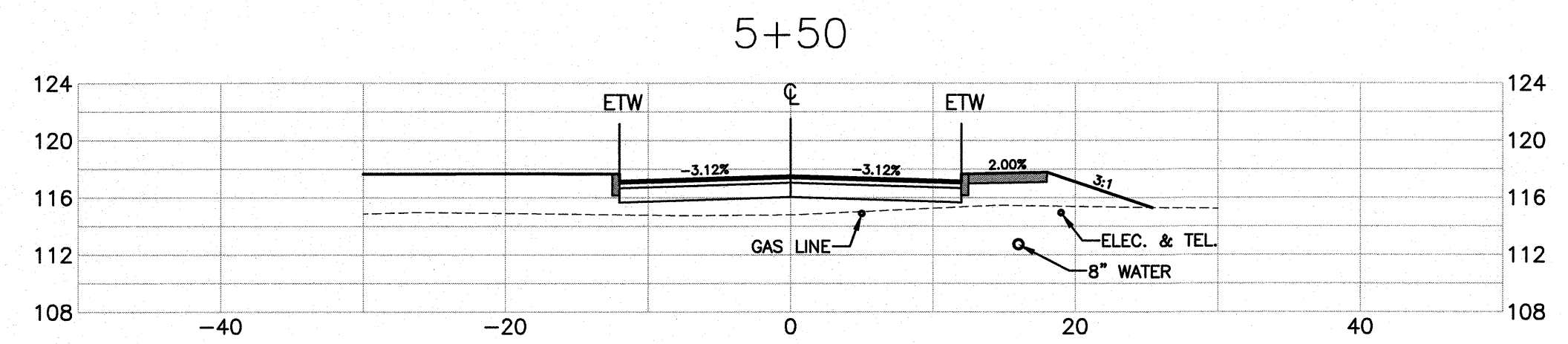
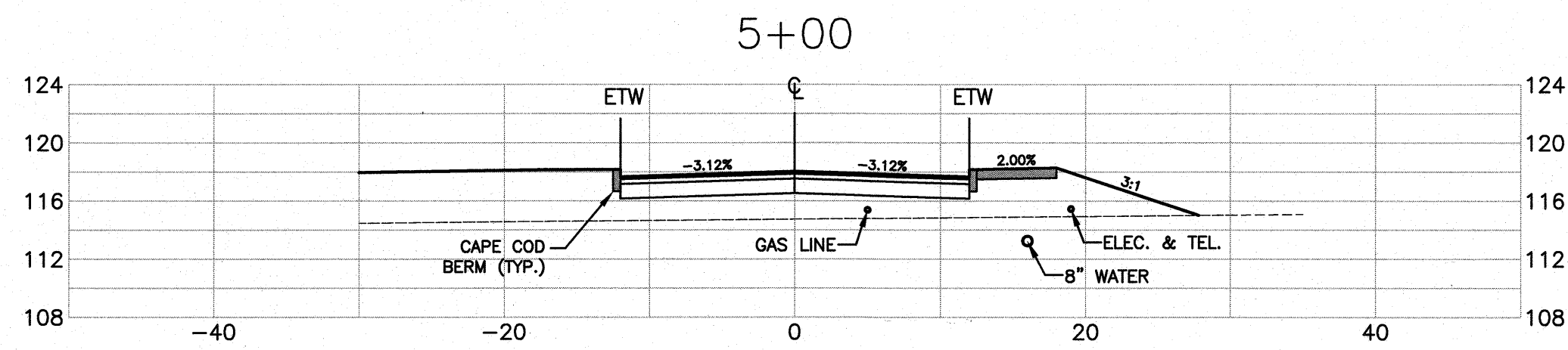
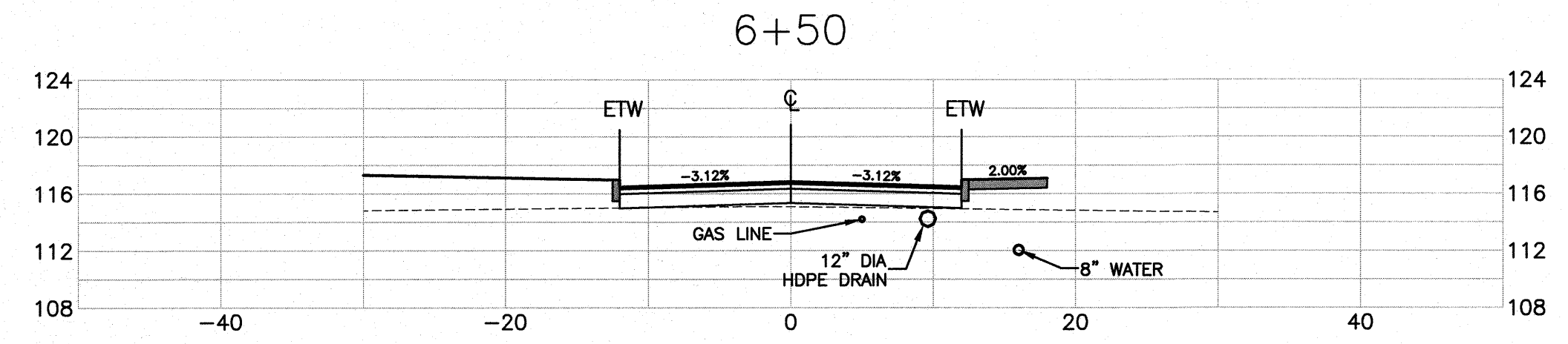
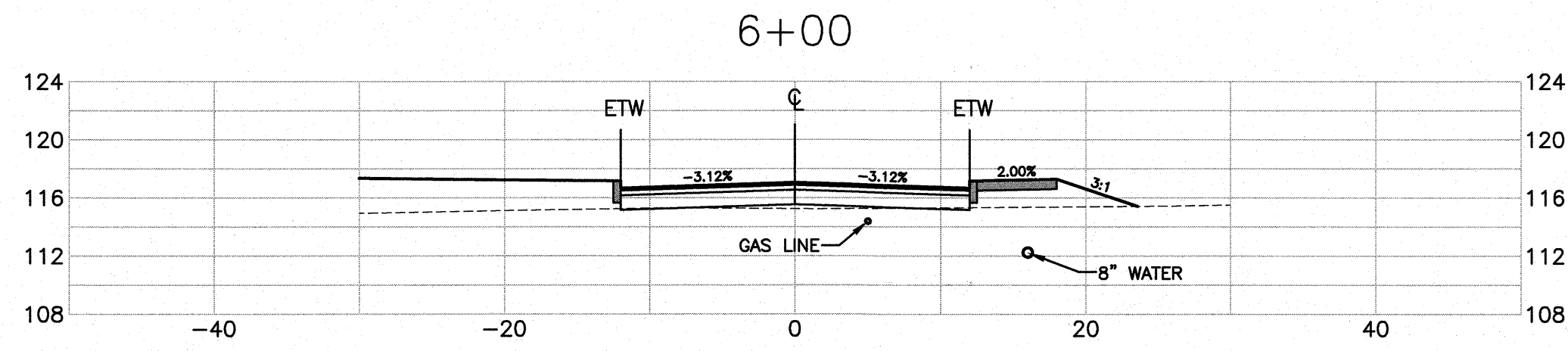
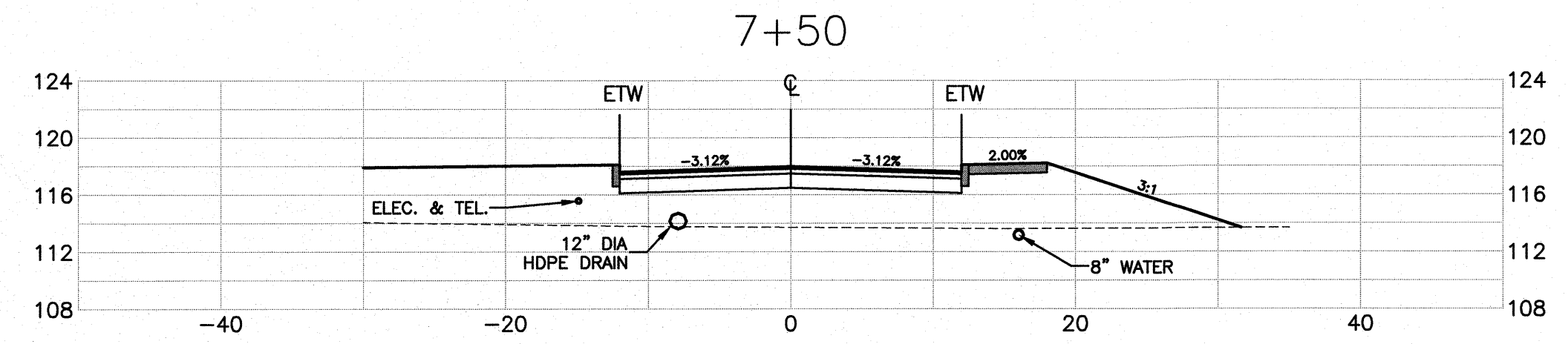
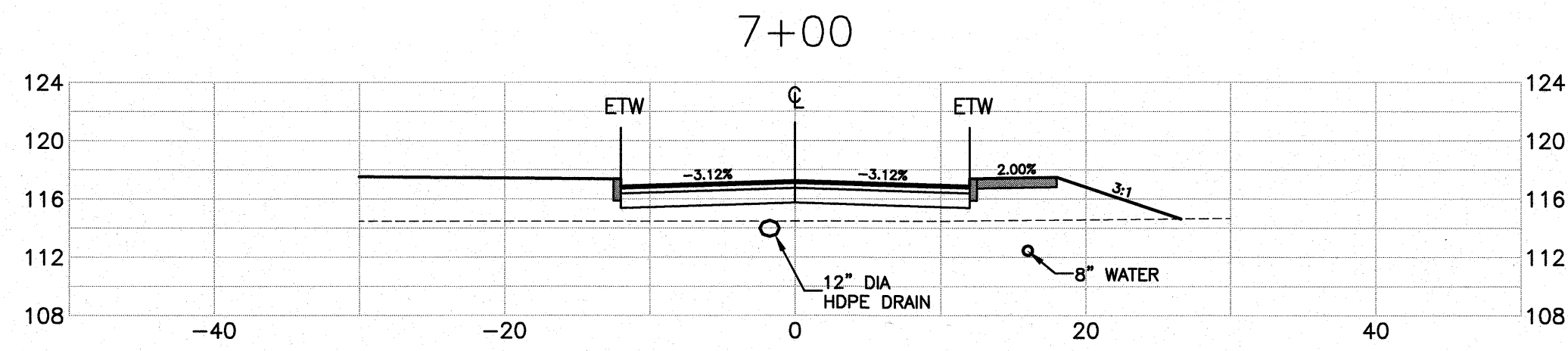
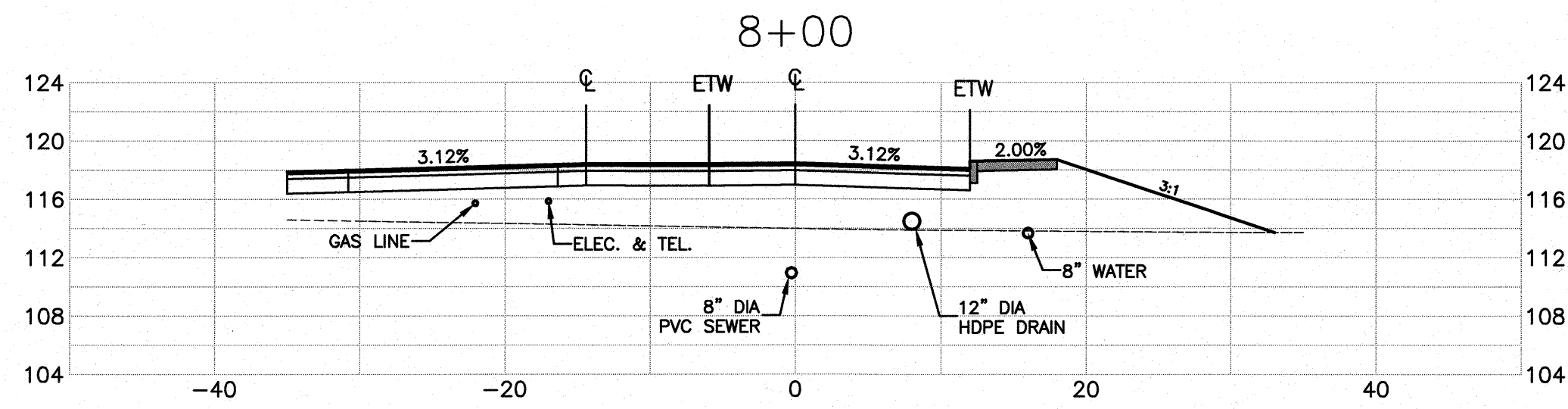
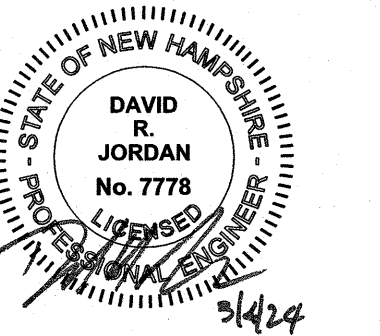
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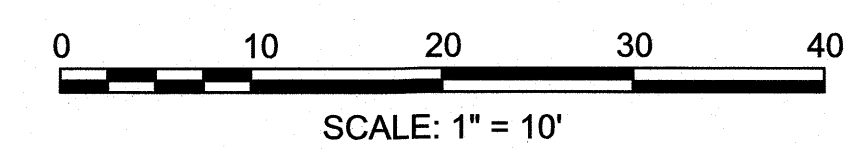
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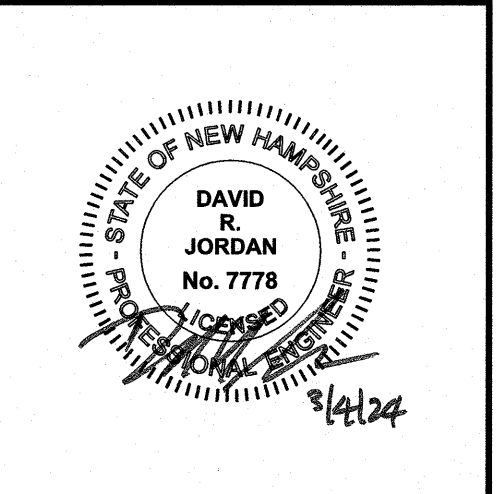
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ROADWAY CROSS SECTIONS (2 OF 2)
SCALE: 1"=10'
PROJECT NO. NEX-2300191
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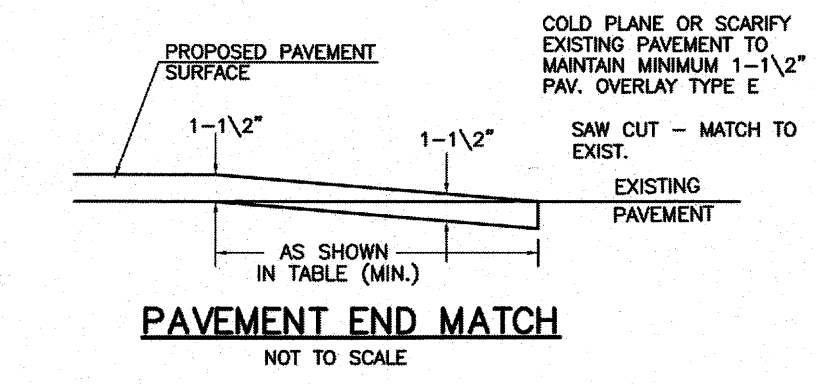
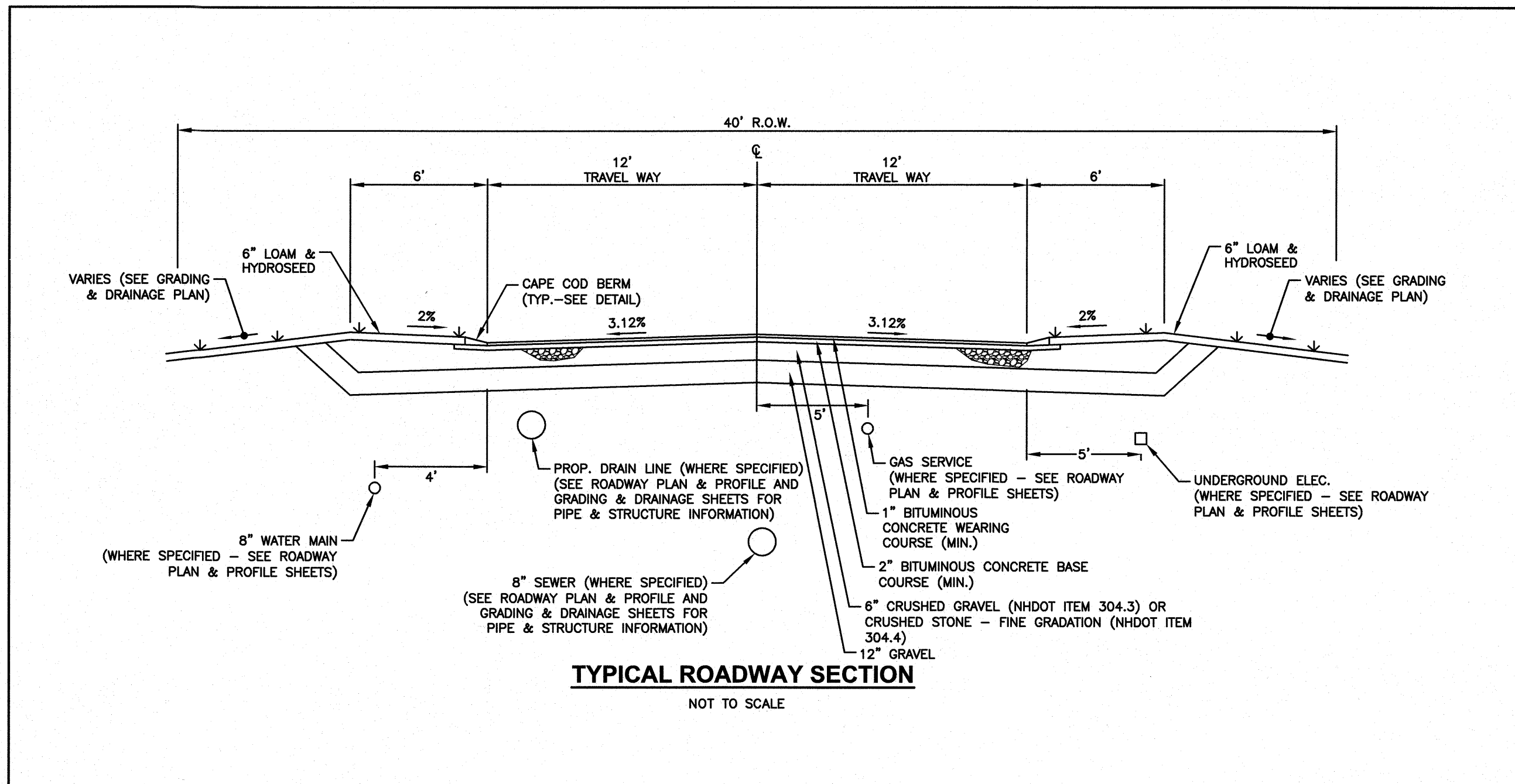




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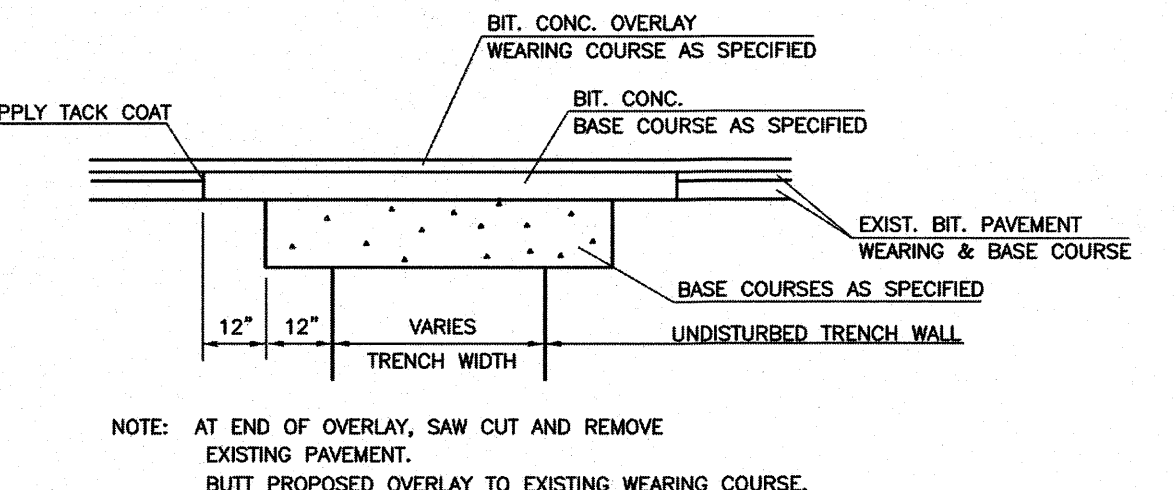
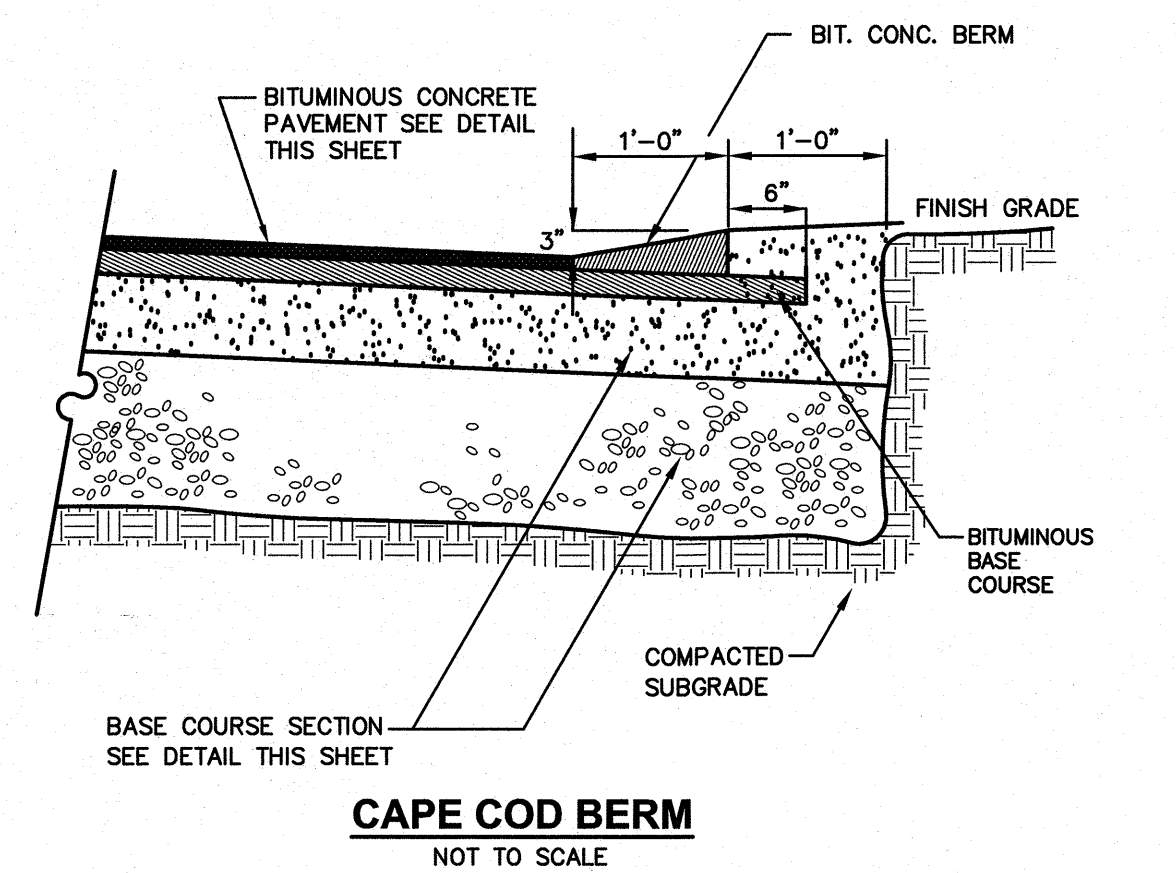
CONSTRUCTION DETAILS

SCALE: AS SHOWN
 PROJECT NO. NEX-2300191

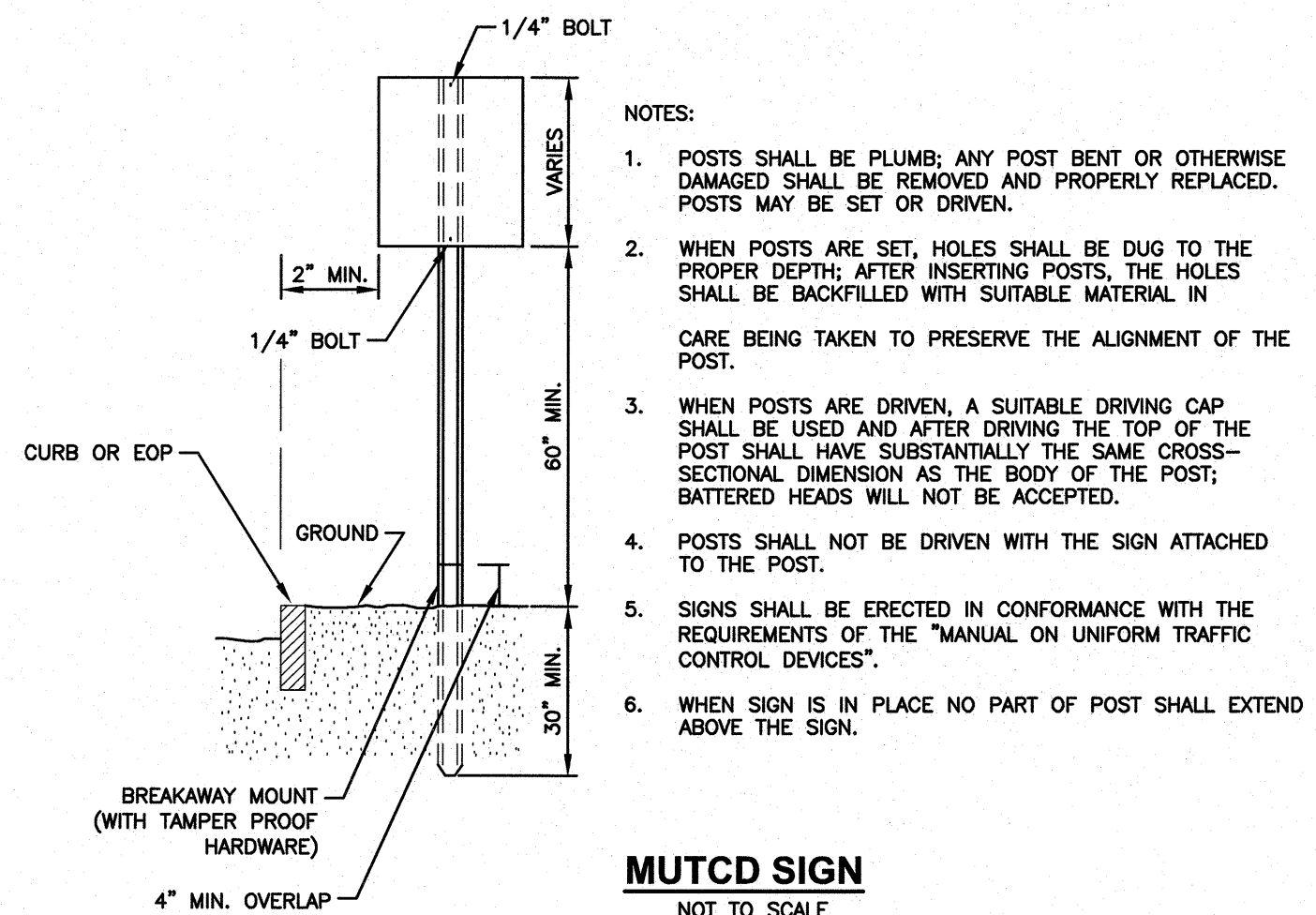


	< 5%	> 5%
NEGATIVE SLOPE	5'	10'
POSITIVE SLOPE	5'	20'

TOWN OF HUDSON
 12 SCHOOL STREET
 HUDSON, NH 03051
 DETAIL R-6
 PAVEMENT END MATCH
 TOWN OF HUDSON AUGUST-01
 REV. SCALE: NTS



TOWN OF HUDSON
 12 SCHOOL STREET
 HUDSON, NH 03051
 DETAIL R-5
 PAVEMENT PATCH WITH OVERLAY
 TOWN OF HUDSON AUGUST-01
 REV. 8/23/19 SCALE: NTS



- NOTES:
- POSTS SHALL BE PLUMB; ANY POST BENT OR OTHERWISE DAMAGED SHALL BE REMOVED AND PROPERLY REPLACED. POSTS MAY BE SET OR DRIVEN.
 - WHEN POSTS ARE SET, HOLES SHALL BE DUG TO THE PROPER DEPTH; AFTER INSERTING POSTS, THE HOLES SHALL BE BACKFILLED WITH SUITABLE MATERIAL IN CARE BEING TAKEN TO PRESERVE THE ALIGNMENT OF THE POST.
 - WHEN POSTS ARE DRIVEN, A SUITABLE DRIVING CAP SHALL BE USED AND AFTER DRIVING THE TOP OF THE POST SHALL HAVE SUBSTANTIALLY THE SAME CROSS-SECTIONAL DIMENSION AS THE BODY OF THE POST; BATTERED HEADS WILL NOT BE ACCEPTED.
 - POSTS SHALL NOT BE DRIVEN WITH THE SIGN ATTACHED TO THE POST.
 - SIGNS SHALL BE ERECTED IN CONFORMANCE WITH THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
 - WHEN SIGN IS IN PLACE NO PART OF POST SHALL EXTEND ABOVE THE SIGN.

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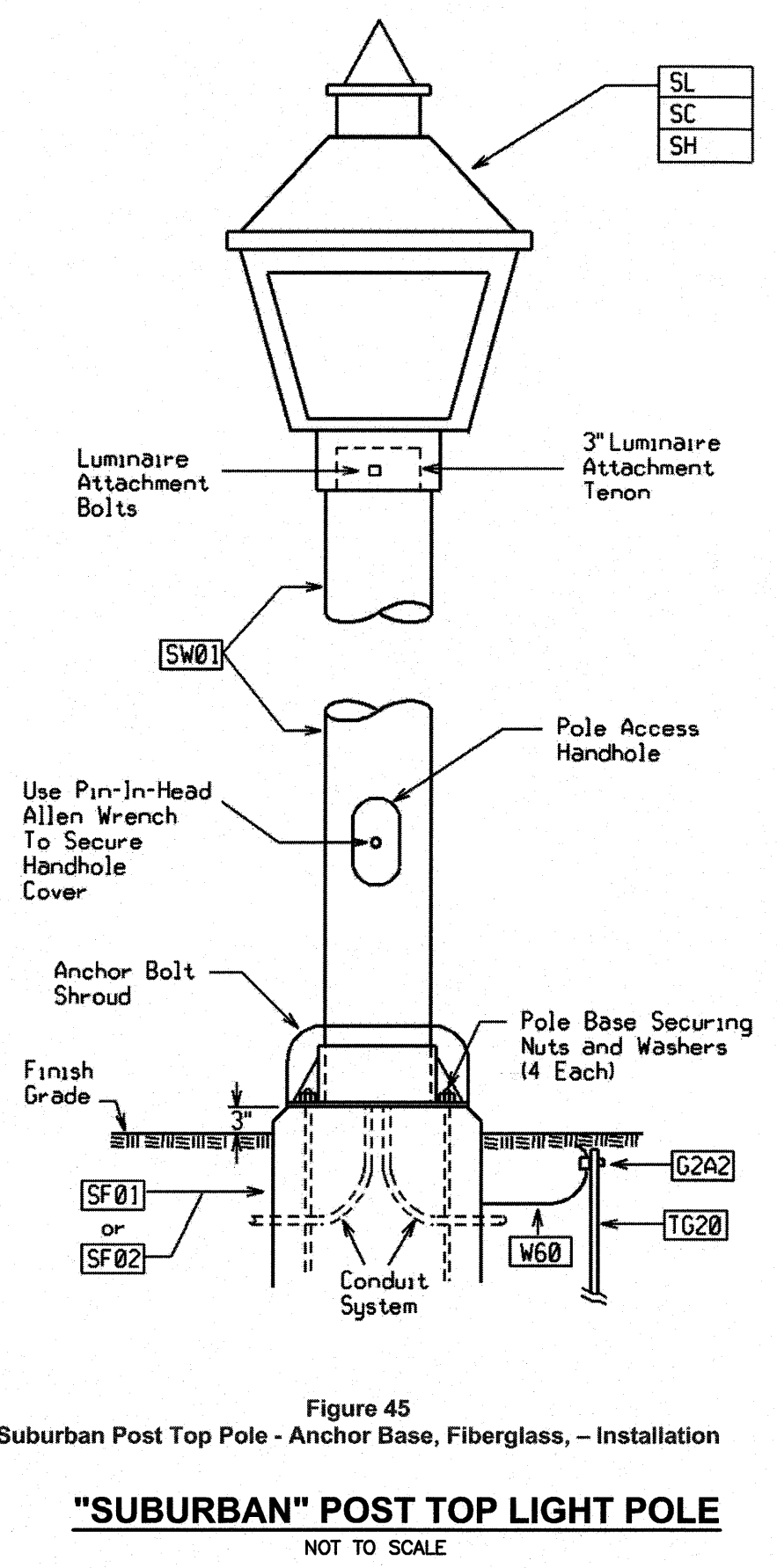
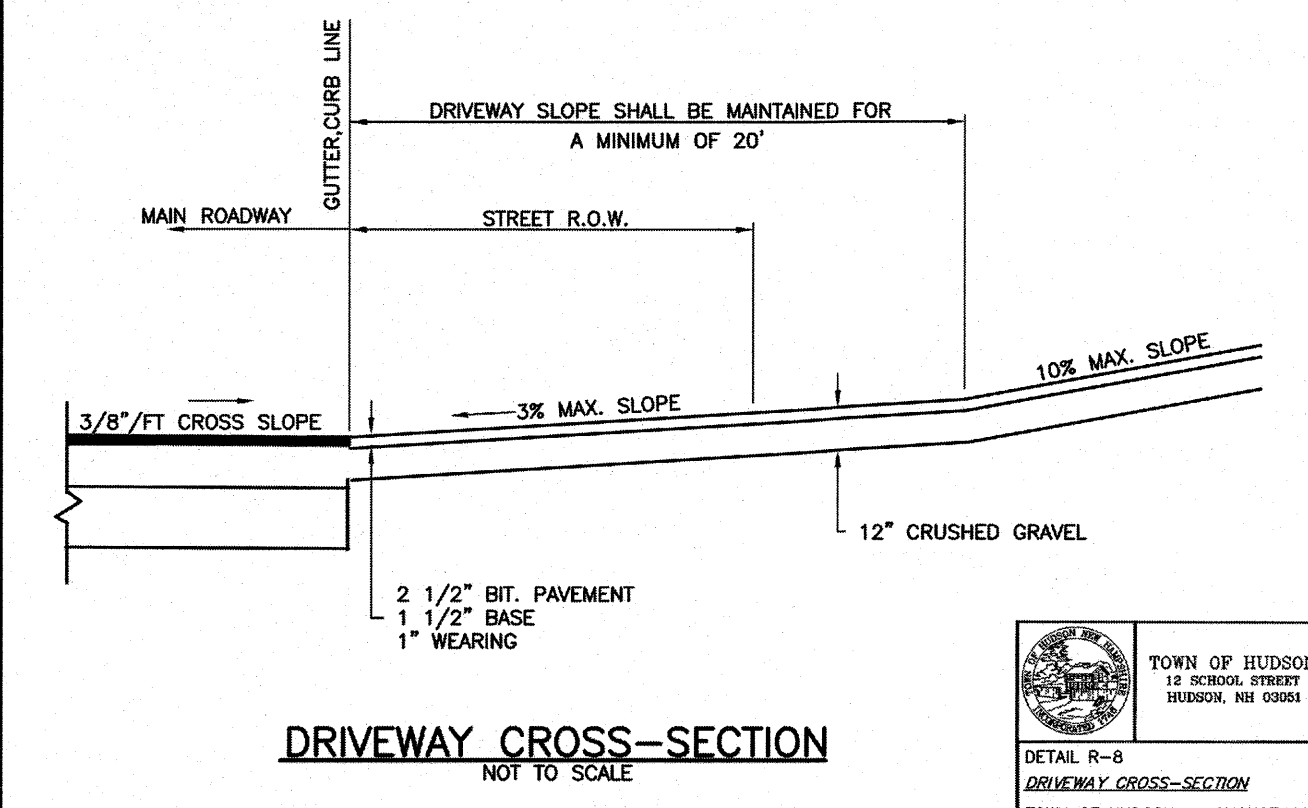
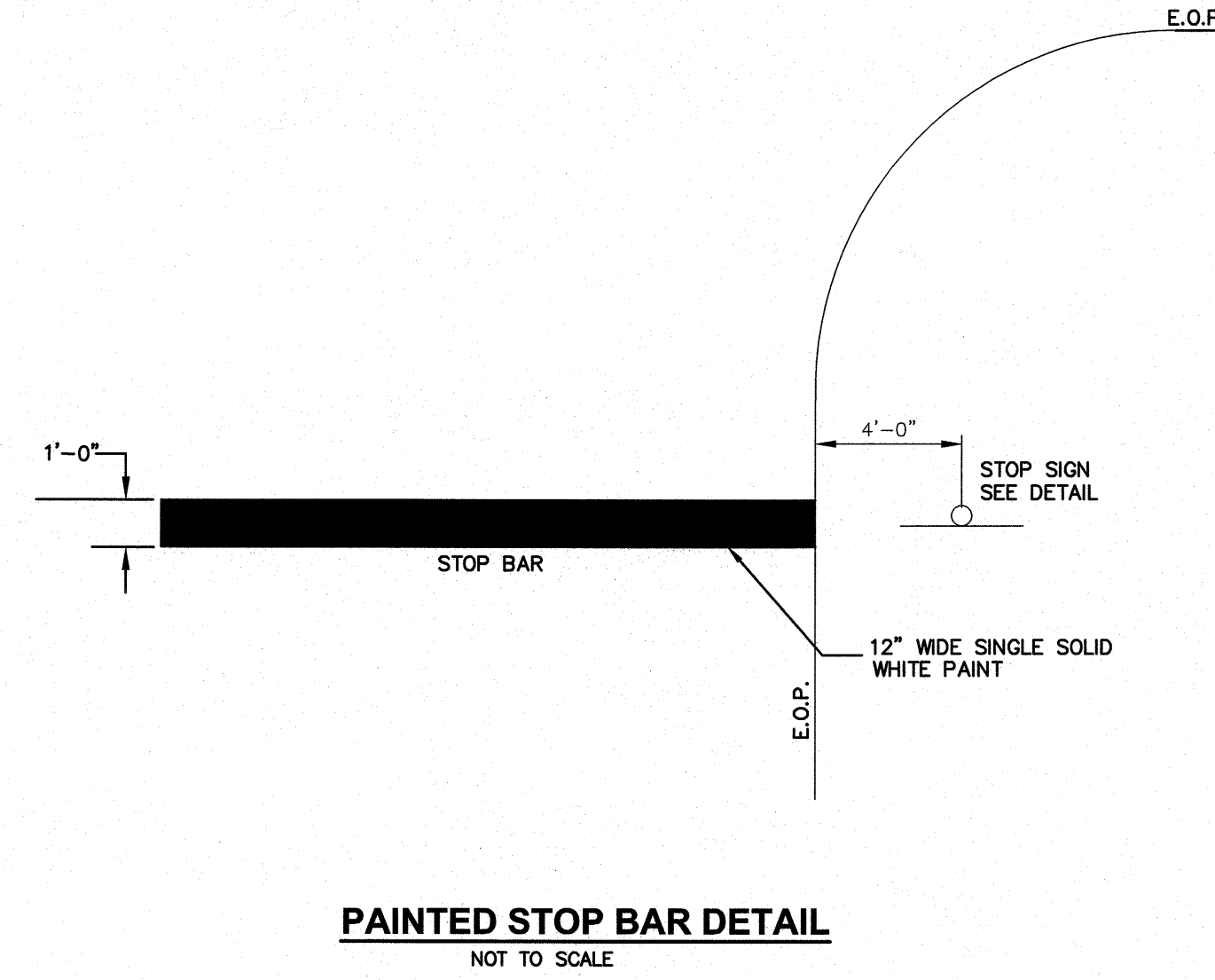


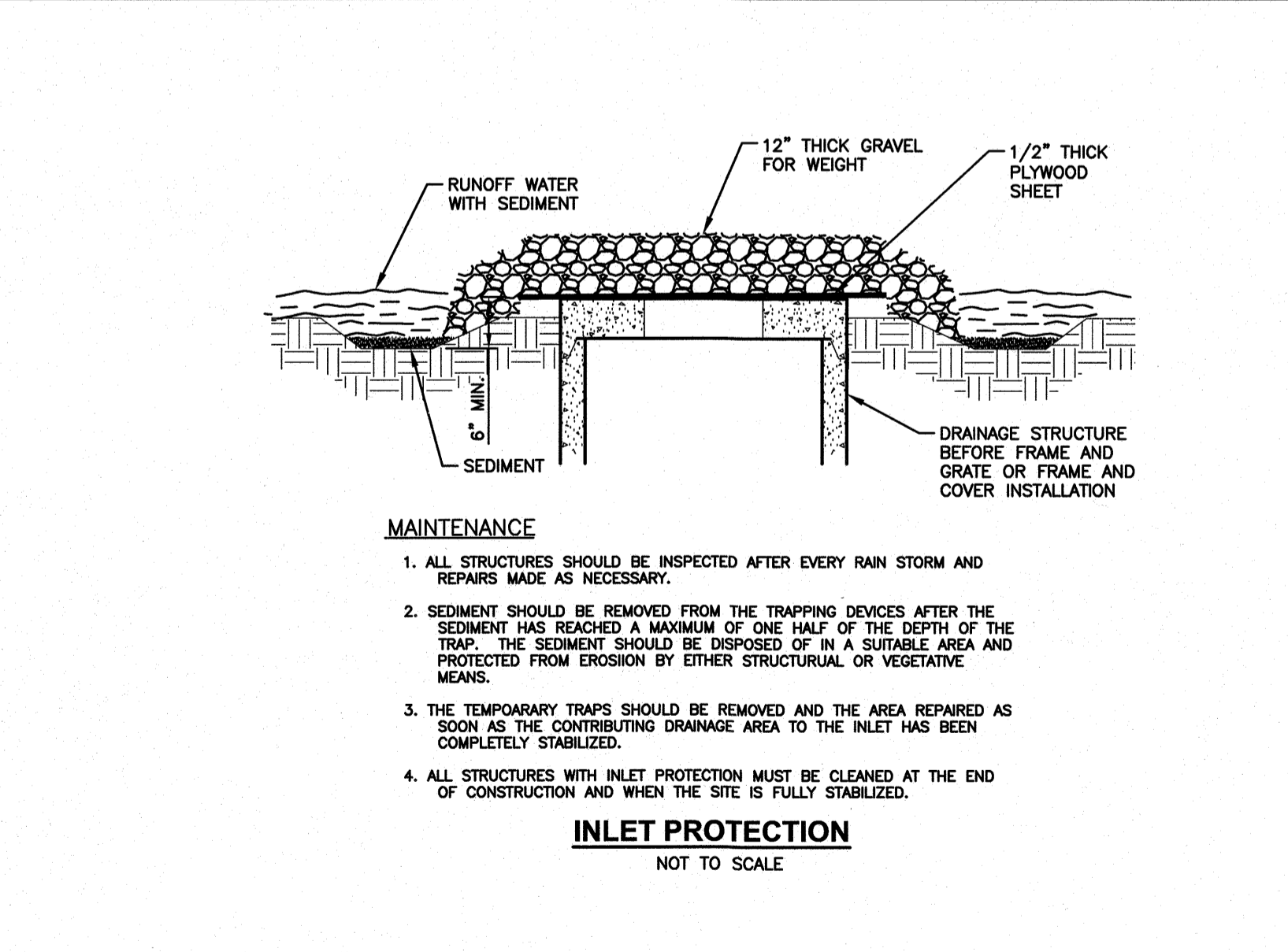
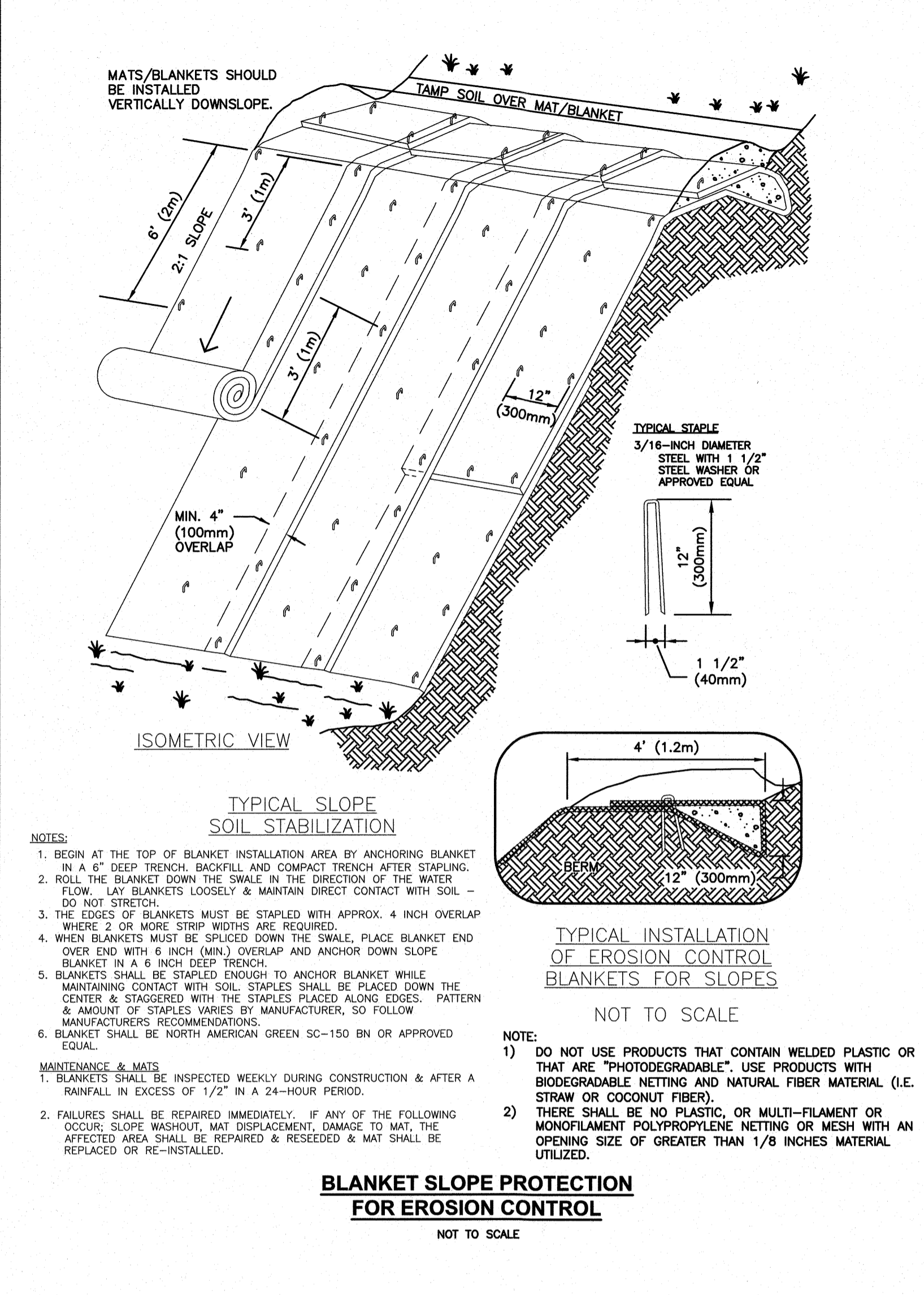
Figure 45
 Suburban Post Top Pole - Anchor Base, Fiberglass, - Installation



TOWN OF HUDSON
 12 SCHOOL STREET
 HUDSON, NH 03051
 DETAIL R-8
 DRIVEWAY CROSS-SECTION
 TOWN OF HUDSON AUGUST-01
 REV. 8/23/19 SCALE: NTS

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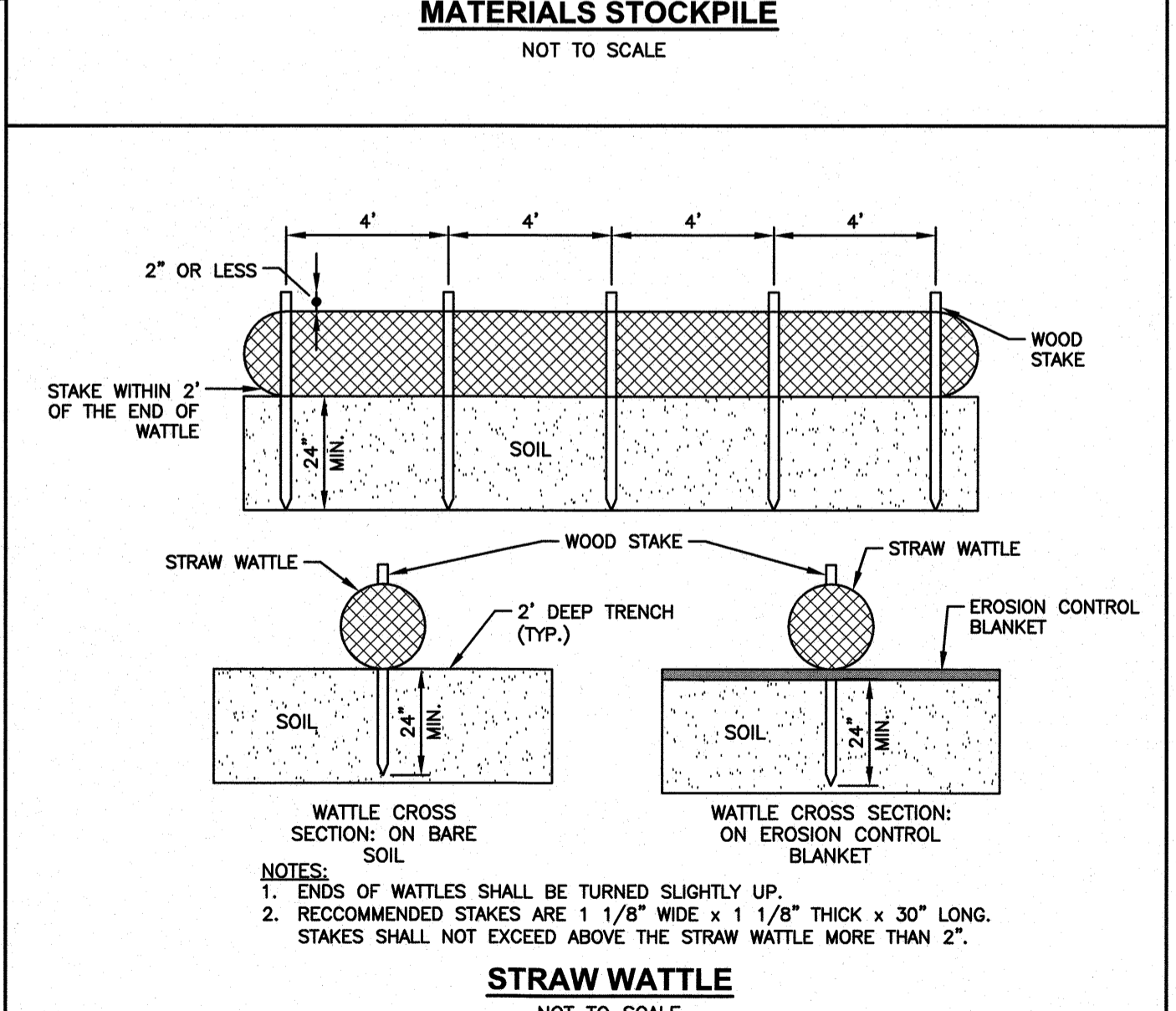
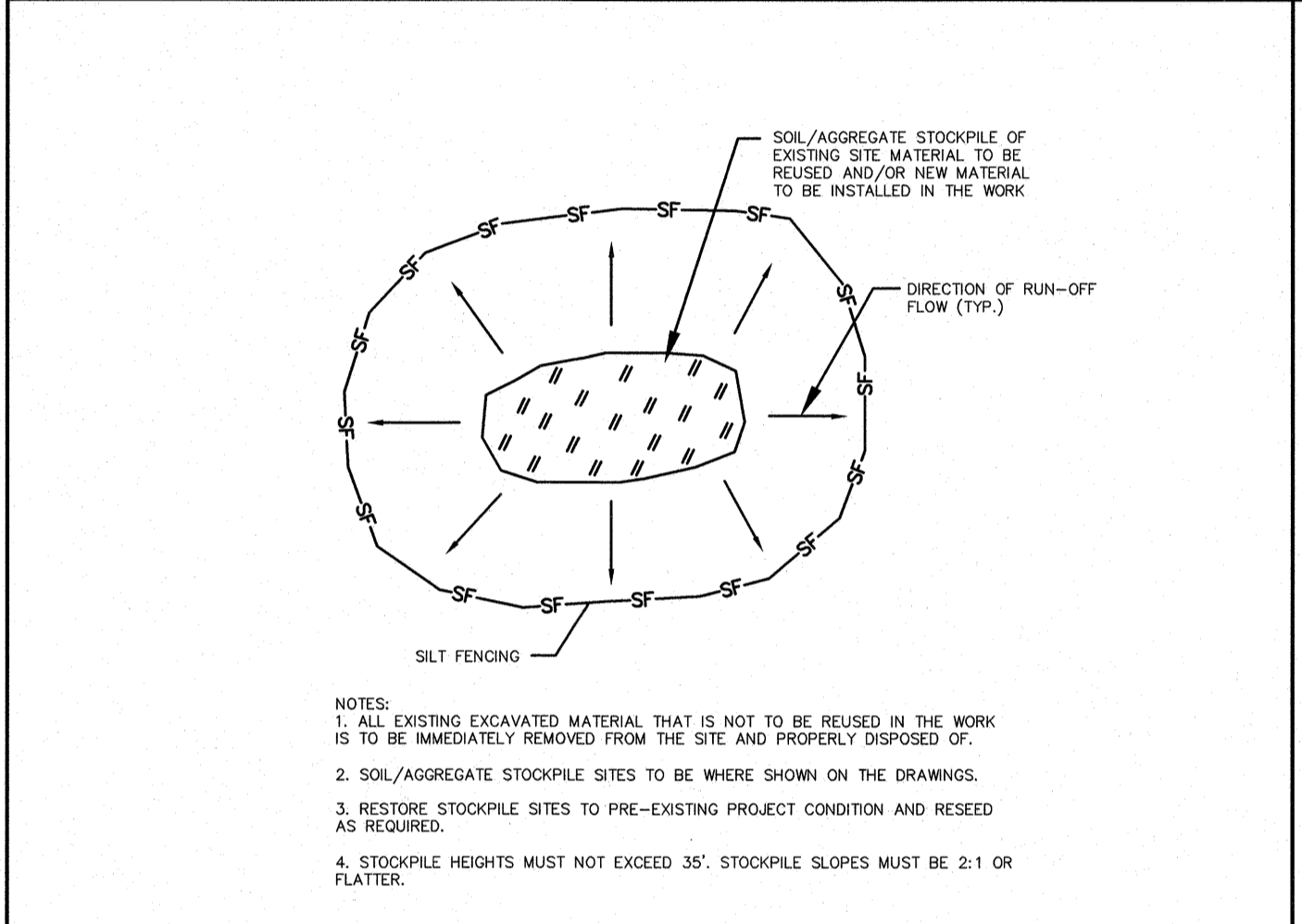
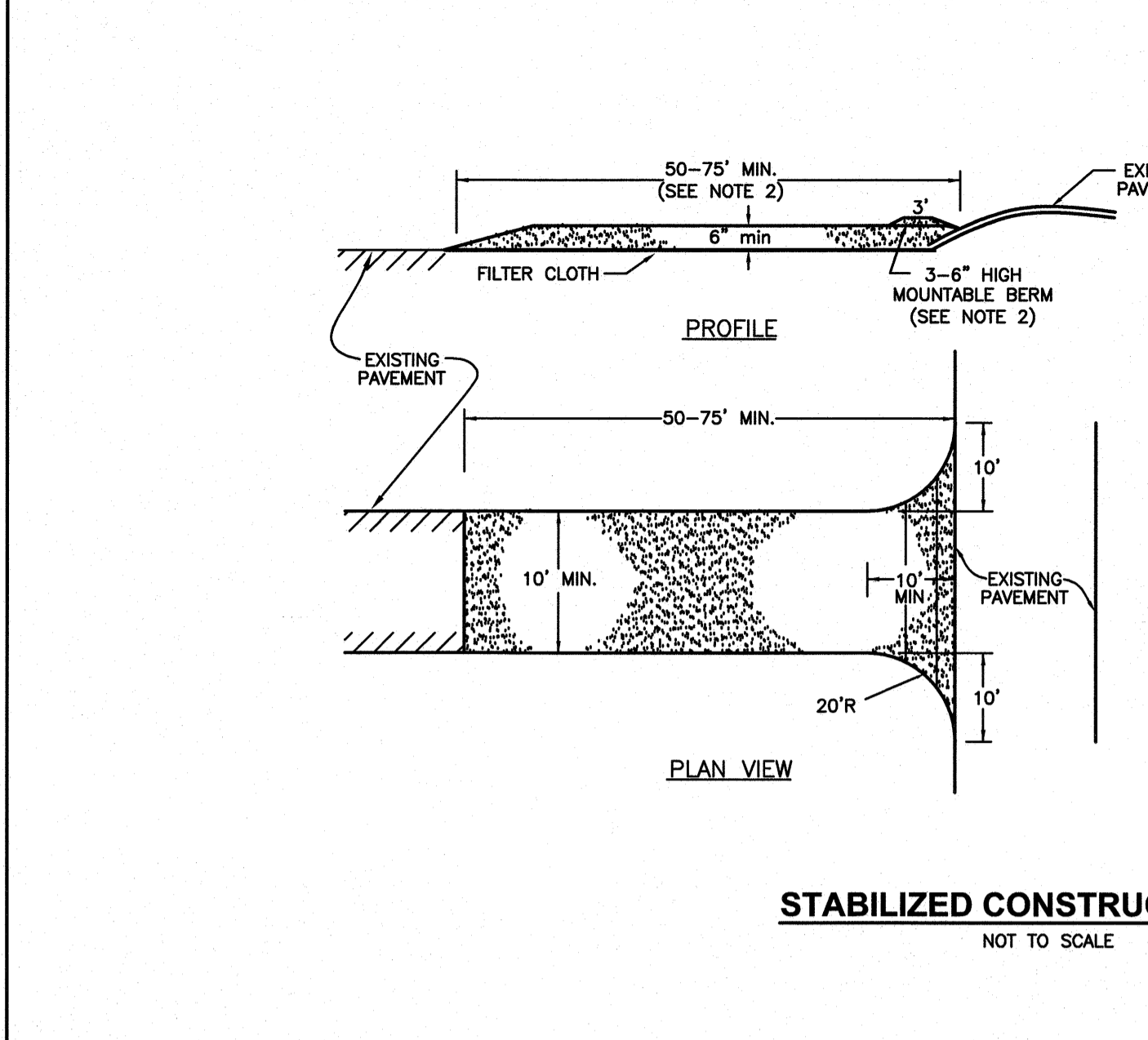
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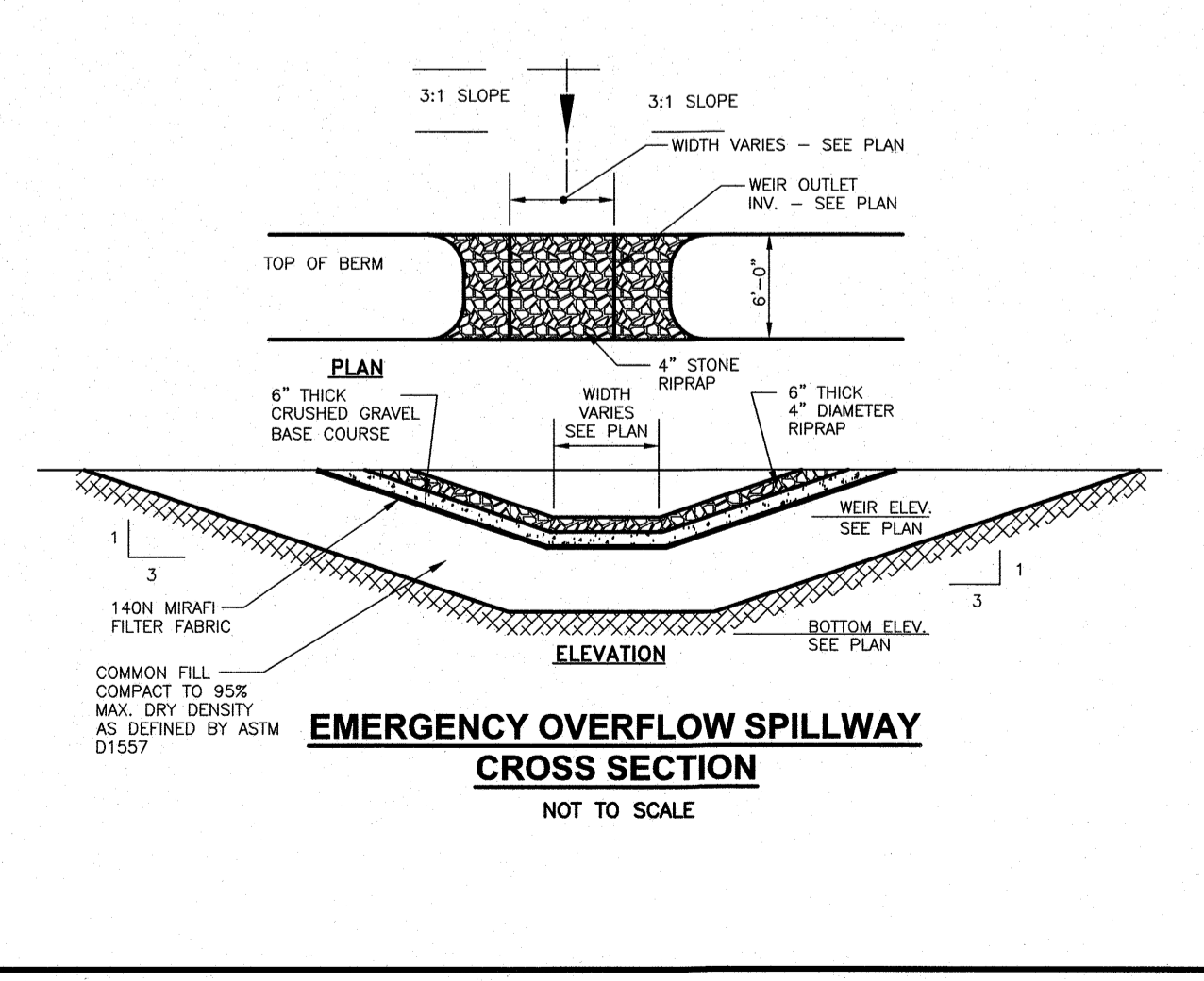
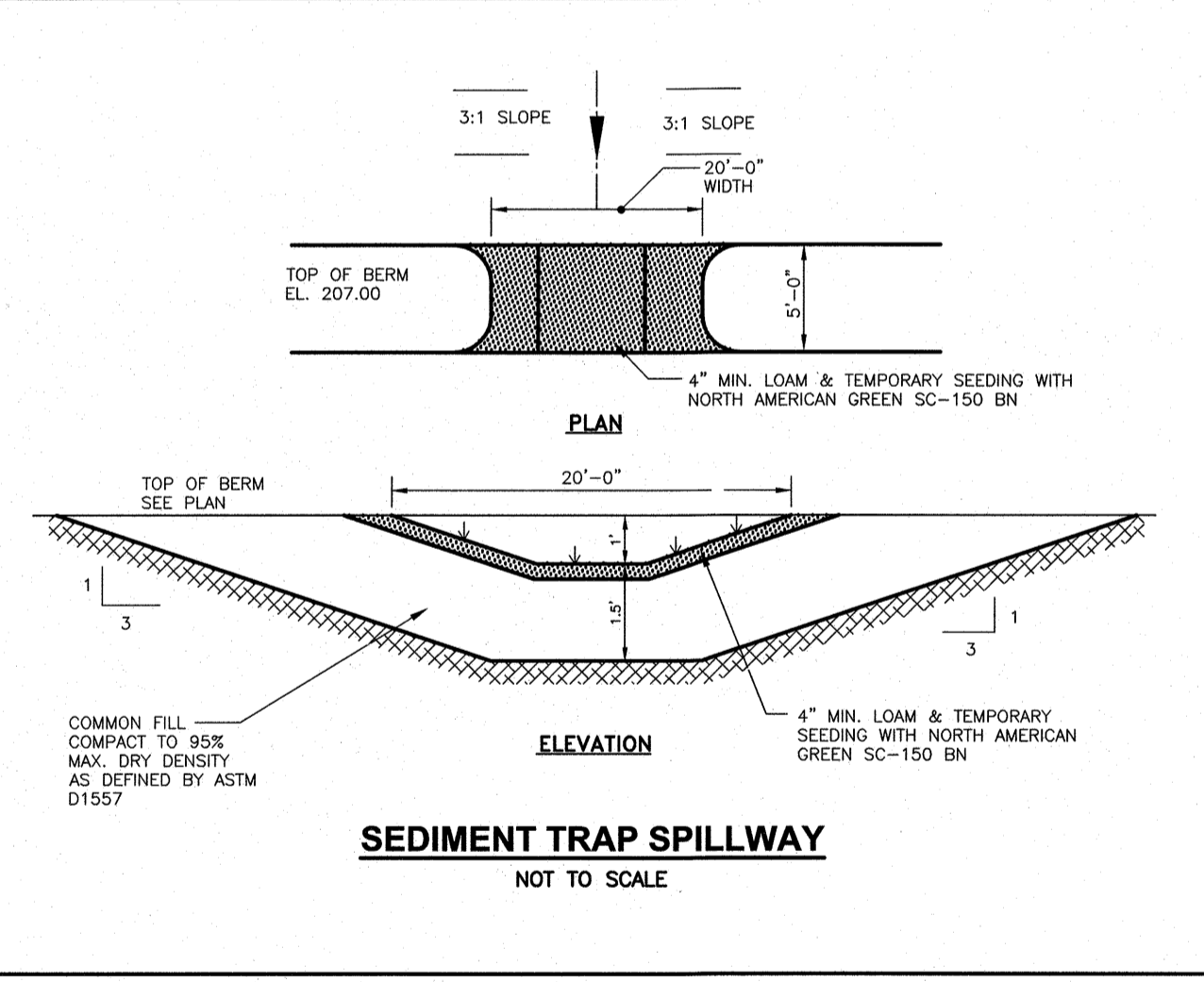
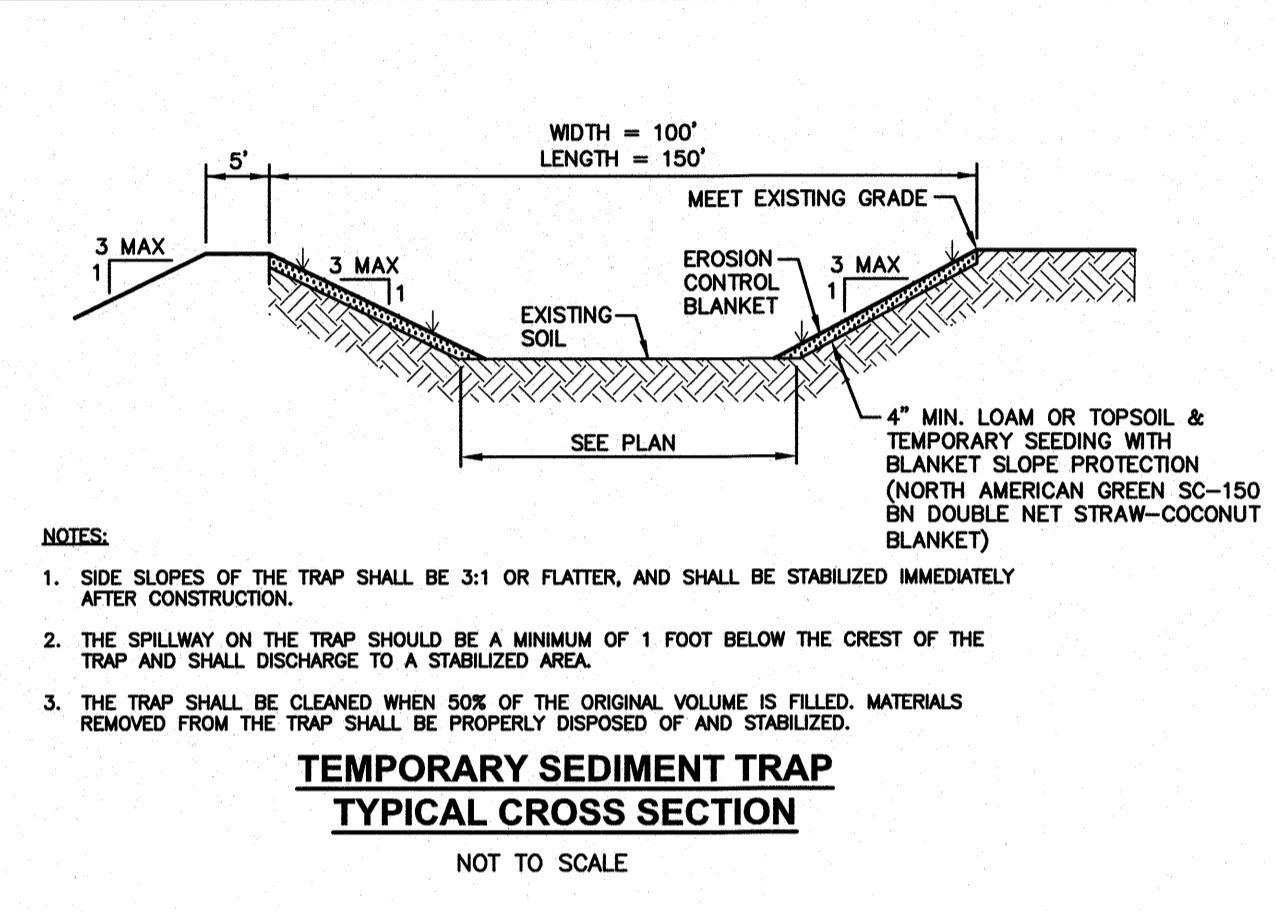
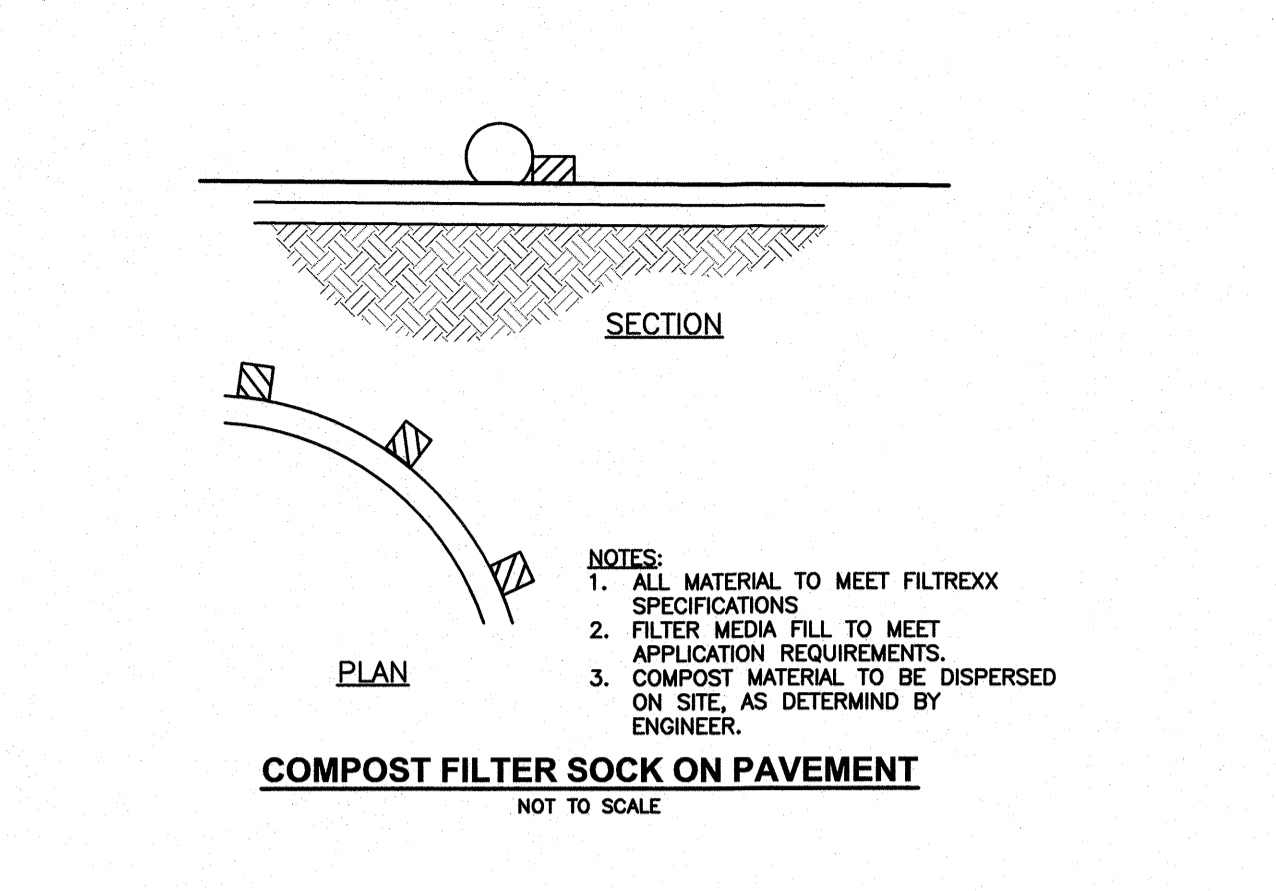
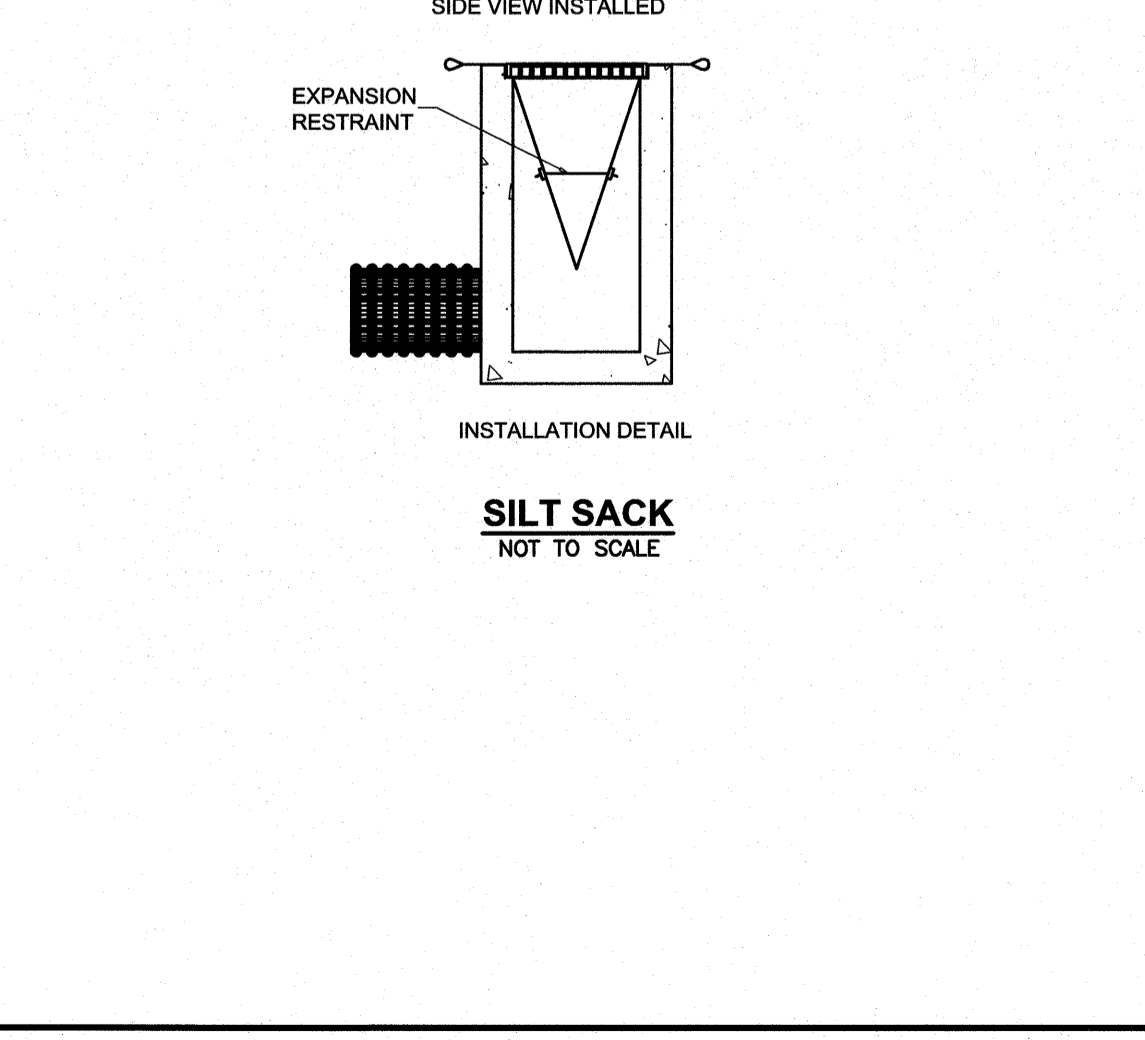
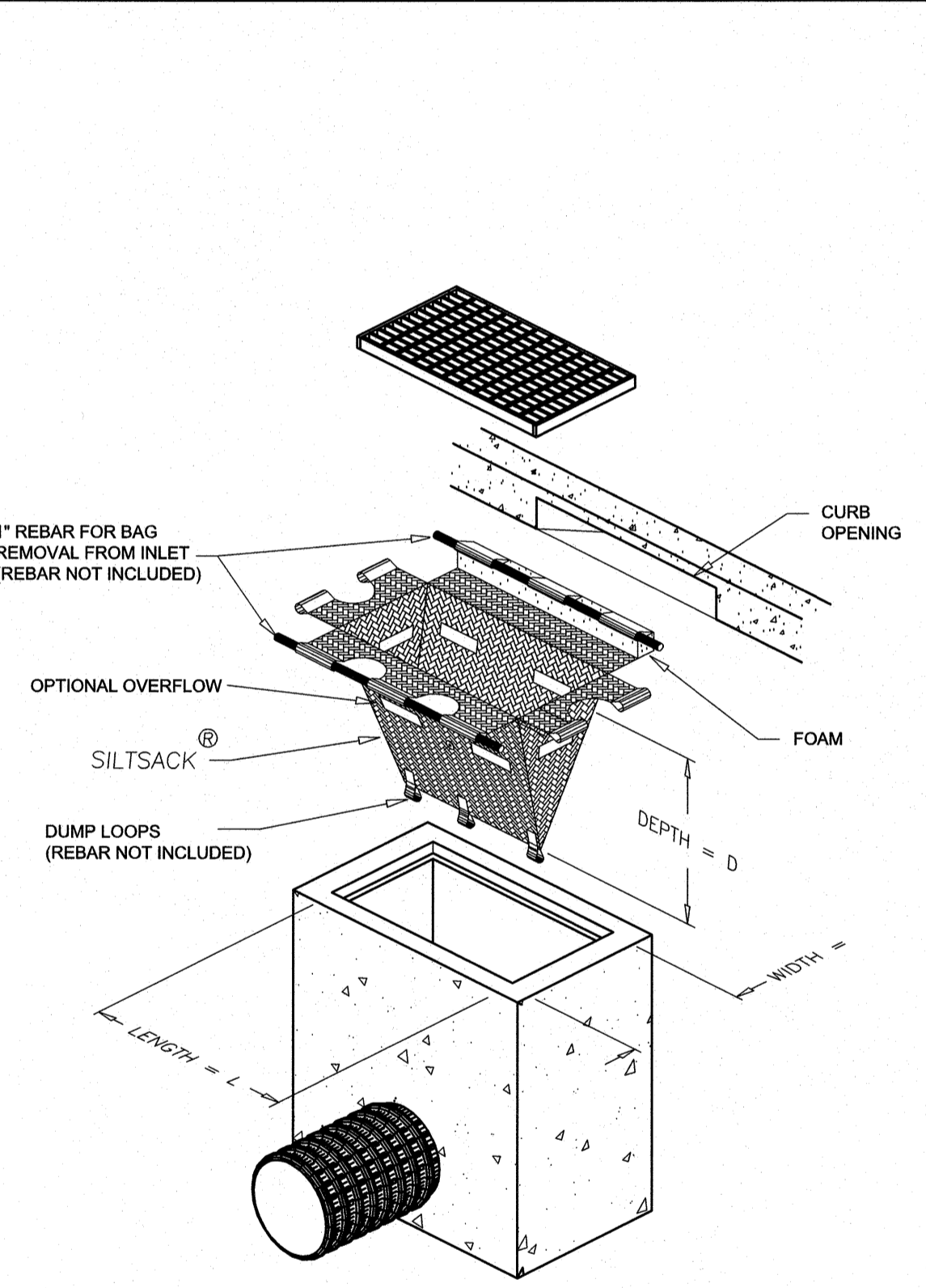
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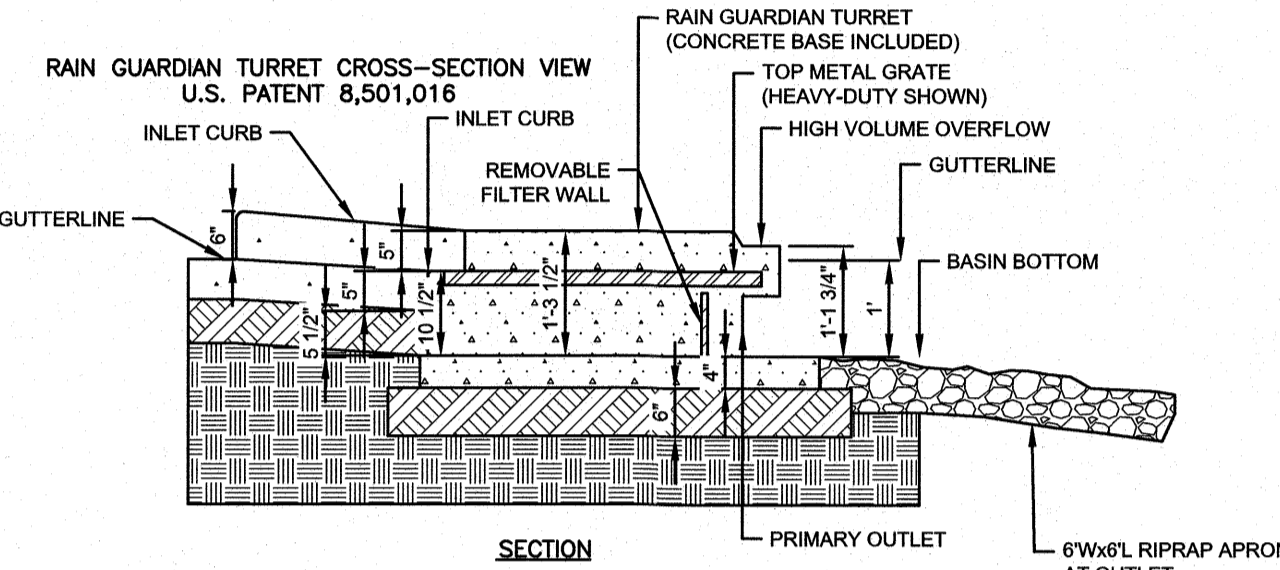
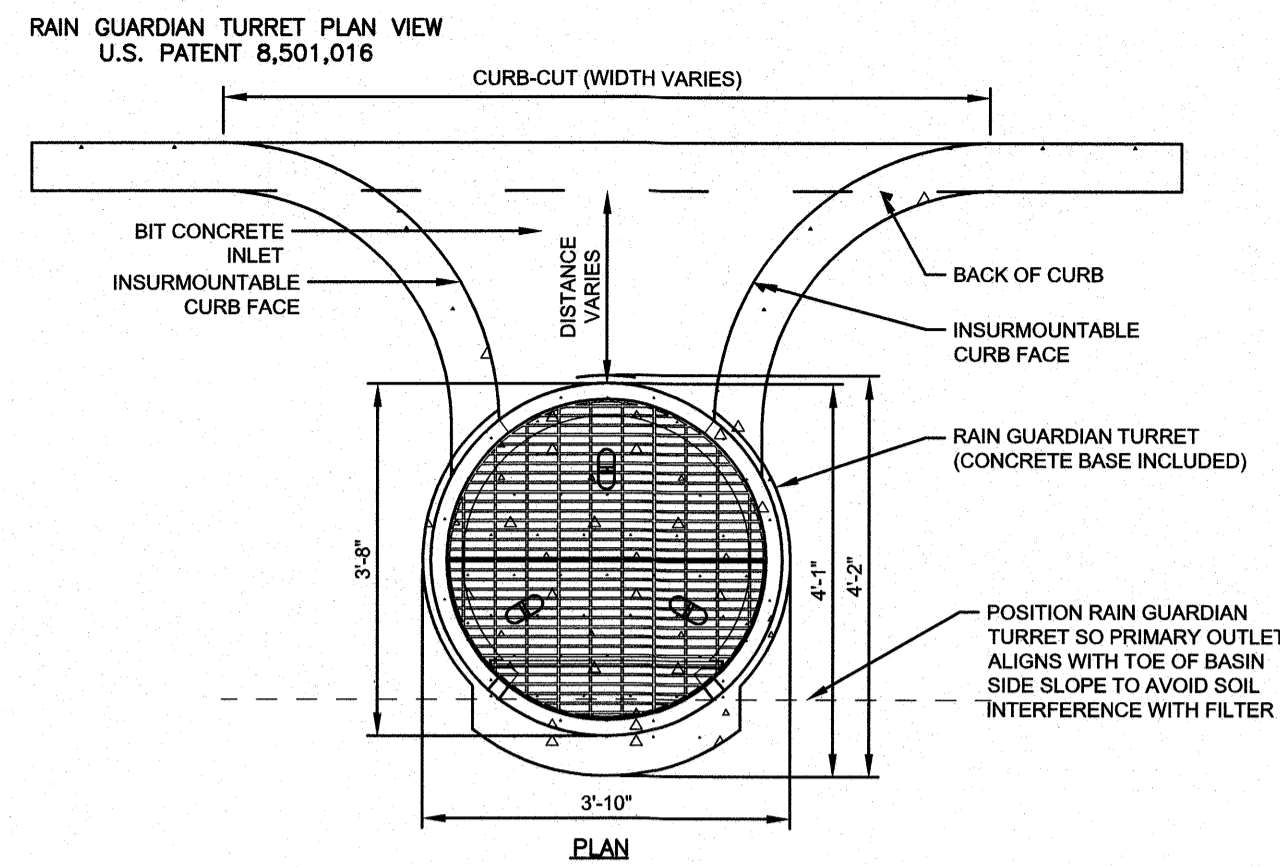
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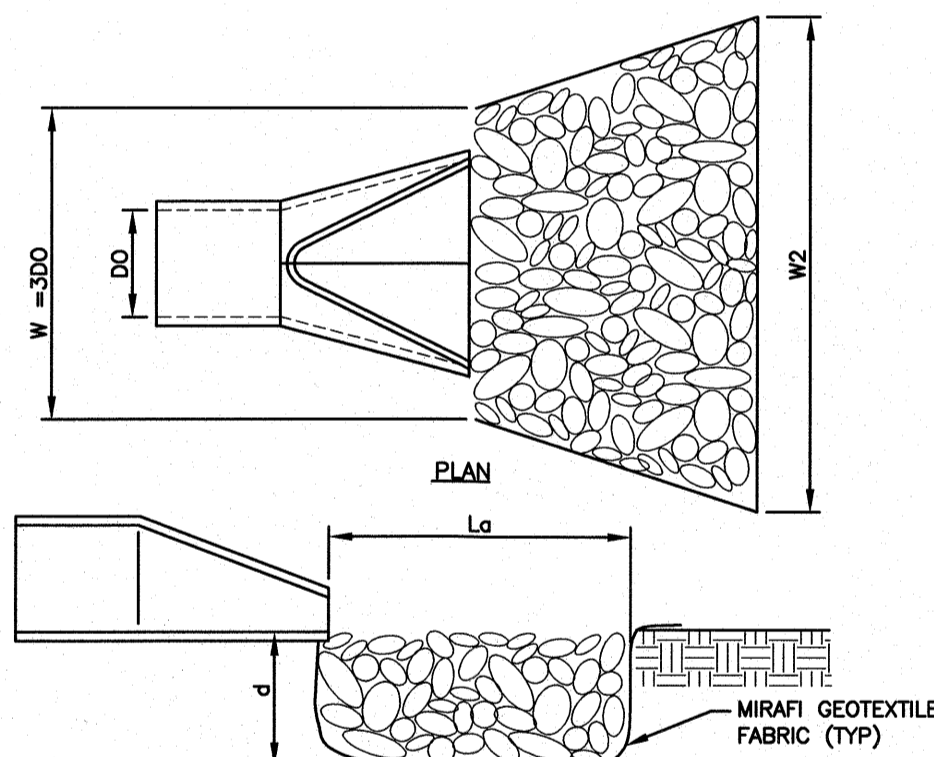
- STONE FOR A STABILIZED CONSTRUCTION EXIT SHALL BE 3 INCH CRUSHED STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
- THE MINIMUM LENGTH OF THE STABILIZED EXIT SHALL NOT BE LESS THAN 75 FEET, UNLESS A MOUNTABLE BERM IS INSTALLED AT THE EXIT, THEN THE LENGTH MAY BE REDUCED TO 50 FEET.
- THE THICKNESS OF THE STONE FOR THE STABILIZED EXIT SHALL NOT BE LESS THAN 6 INCHES.
- THE WIDTH OF THE EXIT SHALL NOT BE LESS THAN THE FULL WIDTH OF THE ENTRANCE WHERE INGRESS OCCURS OR 10 FEET, WHICHEVER IS GREATER.
- GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE.
- ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD 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.
- THE EXIT SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOPDRESSING 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 RIGHTS-OF-WAY MUST BE REMOVED PROMPTLY. CONTRACTOR SHOULD SWEEP THE EXISTING PAVEMENT AREA ANY TIME SEDIMENT IS TRACKED ONTO THE ADJACENT PAVEMENT OR TRAVELED WAY.
- 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. PREVENT ANY SEDIMENT FROM ENTERING STORM DRAINS, DITCHES OR WATERWAYS.



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RAIN GUARDIAN TURRET
NOT TO SCALE



OUTLET	Do	La	W1	W2	d50	d
FES-1	12"	7.5'	3'	10.5'	3"	8"
FES-2	12"	14'	3'	9'	3"	8"

ROCK RIP-RAP GRADATION	
% OF WEIGHT SMALLER THAN THE GIVEN SIZE	SIZE OF STONE IN INCHES
100	4.5 TO 6.0
85	3.0 TO 5.4
50	3.0 TO 4.5
15	0.9 TO 1.5

CONSTRUCTION NOTES:

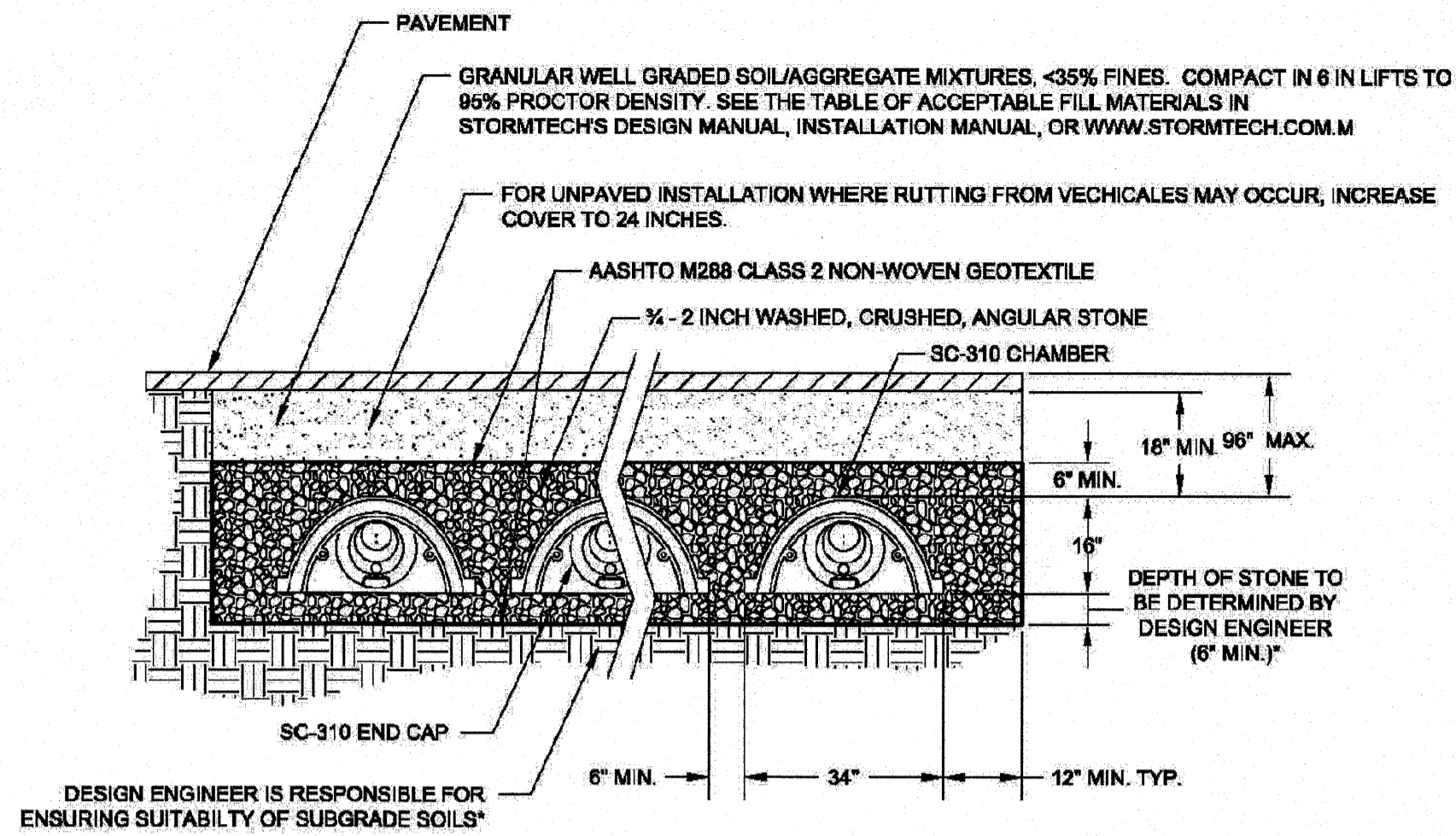
- THE SUBGRADE FOR THE FILTER MATERIAL, GEOTEXTILE FABRIC, AND RIP-RAP SHALL BE PREPARED TO THE LINES AND GRADES SHOWN ON THE PLANS.
- THE ROCK OR GRAVEL USED FOR FILTER OR RIP-RAP SHALL CONFORM TO THE SPECIFIED GRADATION.
- GEOTEXTILE FABRICS SHALL BE PROTECTED FROM PUNCTURE OR TEARING DURING THE PLACEMENT OF THE ROCK RIP-RAP. DAMAGED AREAS IN THE FABRIC SHALL BE REPAIRED BY PLACING A PIECE OF FABRIC OVER THE DAMAGED AREA OR BY COMPLETE REPLACEMENT OF THE FABRIC. ALL OVERLAPS REQUIRED FOR REPAIRS OR JOINING TWO PIECES OF FABRIC SHALL BE A MINIMUM OF 12 INCHES.
- STONE FOR THE RIP-RAP MAY BE PLACED BY EQUIPMENT AND SHALL BE CONSTRUCTED TO THE FULL LAYER THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO PREVENT SEGREGATION OF THE STONE SIZES.
- THE MEDIAN STONE DIAMETER FOR THE RIP-RAP APRON IS d50. FIFTY PERCENT BY WEIGHT OF THE RIP-RAP MIXTURE SHALL BE SMALLER THAN THE MEDIAN STONE SIZE. THE LARGEST STONE SIZE IN THE MIXTURE SHALL BE 1.5 d50.

STONE OUTLET APRON
NOT TO SCALE

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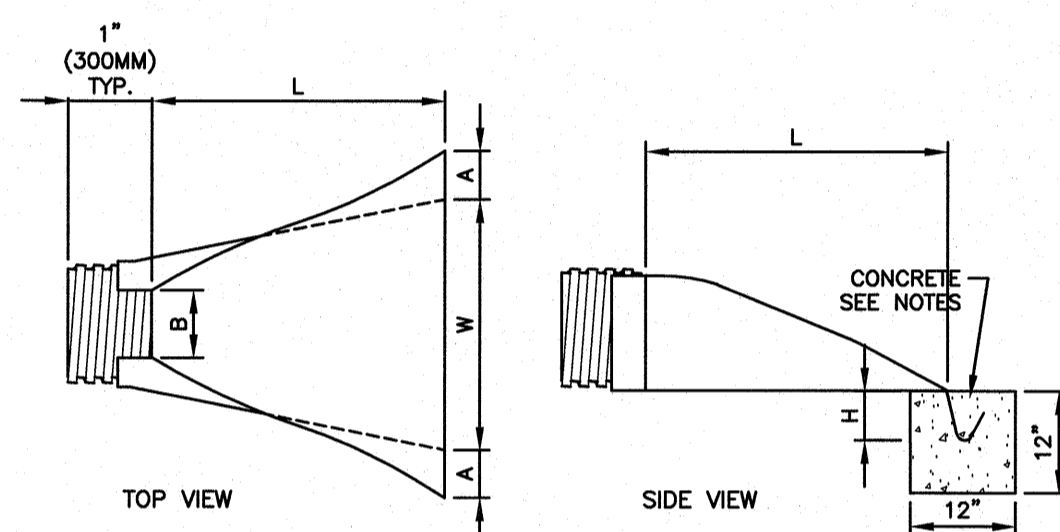


DESIGN ENGINEER IS RESPONSIBLE FOR ENSURING SUITABILITY OF SUBGRADE SOILS*
FOR STORMTECH INFORMATION CALL 1-888-892-2694

STORMTECH SC-310 CHAMBER SYSTEM
TYPICAL CROSS SECTION
(FOR ROOF RECHARGE)

NOT TO SCALE

* SEE STORMTECH'S DESIGN MANUAL



DIMENSIONS, INCHES (mm)						
PIPE DIAMETER	PART NO.	A, ±1 (25)	B MAX	H, ±1 (25)	L, ±1/2 (13)	W, ±2 (50)
12", 15" (300,375)	1210 NP	6.5 (165)	10 (254)	6.5 (165)	25 (635)	29 (736)
18" (450)	1810 NP	7.5 (190)	15 (380)	6.5 (168)	32 (812)	35 (890)
24" (600)	2410 NP	7.5 (190)	18 (450)	6.5 (165)	36 (900)	45 (1140)
30" (750)	3010 NP	10.5 (266)	NA	7.0 (178)	53 (1346)	68 (1725)
36" (900)	3610 NP	10.5 (266)	NA	7.0 (178)	53 (1346)	68 (1725)

CONSTRUCTION SPECIFICATIONS:

PREPARE BEDDING:
BACKFILL MATERIAL AROUND THE END SECTION MAY BE THE SAME AS THE MATERIAL AROUND THE PIPE. PLACE A FEW INCHES OF BACKFILL MATERIAL IN THE TRENCH OR DITCH WHERE THE END SECTION WILL BE PLACED. COMPACT AND CONTOUR THIS BEDDING MATERIAL TO GENERALLY MATCH THE END SECTION. EXCAVATE AN AREA IN THE BEDDING WHERE THE TOE TROUGH WILL SEAT SO THAT THE END SECTION WILL BE LEVEL WITH THE BOTTOM OF THE TRENCH OR DITCH IN THE FINISHED INSTALLATION.

PLACE END SECTION OF PIPE:
OPEN THE END SECTION COLLAR AND SEAT IT OVER THE TWO PIPE CONNECTIONS. ONCE THE END SECTION IS POSITIONED, CHECK TO MAKE SURE THAT THE INVERT OF THE END SECTION MATCHES THE INVERT OF THE PIPE AND THAT THE END SECTION IS LEVEL WITH THE TRENCH OR DITCH BOTTOM.

SECURE THE END SECTION:
SLIP THE STAINLESS STEEL ROD THROUGH THE PRE-DRILLED HOLES AT THE TOP OF THE COLLAR. THE ROD SHOULD BE BETWEEN THE CROWNS OF THE TWO PIPE CONNECTIONS. PLACE A WASHER ON EITHER END OF THE ROD. PLACE A NUT ON EITHER END OF THE ROD AND TIGHTEN WITH A WRENCH.

SECURE THE TOE TROUGH:
TO PREVENT WASHOUTS FROM HIGH VELOCITY FLOW, IT IS RECOMMENDED THAT THE TROUGH BE SECURED WITH CONCRETE. POUR CONCRETE IN THE TROUGH UP TO THE LEVEL OF THE TRENCH OR DITCH BOTTOM AND ALONG THE ENTIRE LENGTH OF THE TROUGH.

FINISH BACKFILL:
SHOVEL BACKFILL AROUND THE END SECTION IN 6 TO 9 INCH LAYERS EQUALLY ON BOTH SIDES, KNIFING IT TO ELIMINATE VOIDS. TAMP WITH A SMALL-FACED COMPACTOR OR OTHER EQUIPMENT SUITABLE FOR SMALL AREAS. CONTINUE PLACING, KNIFING, AND COMPACTING BACKFILL LAYERS TO THE TOP OF THE END SECTION TO SEAT IT WELL INTO THE BACKFILL.

FLARED END SECTION
HIGH DENSITY POLYETHYLENE (HDPE)

NOT TO SCALE

RECOMMENDED MINIMUM TRENCH WIDTHS

PIPE DIAM.	MIN. TRENCH WIDTH
4"	21"
6"	25"
8"	28"
10"	28"
12"	30"
15"	34"
18"	38"
24"	48"
30"	58"
36"	64"
42"	72"
48"	80"
54"	88"
60"	96"

MINIMUM RECOMMENDED COVER BASED ON SURFACE LIVE LOADING CONDITION

PIPE DIAM.	H-25 HEAVY CONSTRUCTION (75T AXLE LOAD)	COOPER E-80*
12" - 48"	12"	48"
54" - 60"	24"	60"

MINIMUM RECOMMENDED COVER BASED ON RAILWAY LOADING CONDITIONS

PIPE DIAM.	COOPER E-80*
UP TO 24"	24"
30" - 36"	36"
42" - 60"	48"

NOTES:

- ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST EDITION.
- MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
- FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
- BEDDING: SUITABLE MATERIAL SHALL BE CLASS I OR II. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER UNLESS OTHERWISE NOTED BY THE ENGINEER. MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4"-24" (100mm-600mm); 6" (150mm) FOR 30"-60" (750mm-1500mm).
- INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
- MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOATATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 54"-60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.

ADDITIONAL NOTES:

- VEHICLES IN EXCESS OF 75T MAY REQUIRE ADDITIONAL COVER.
- COVER IS MEASURED FROM TOP OF PIPE TO BOTTOM OF RAILWAY TIE.
- E-80 COVER REQUIREMENTS ARE ONLY APPLICABLE TO ASTM F 2306 PIPE.

DESIGNER'S RESPONSIBILITY: ADVISOR ENGINEERING, INC. PREPARED THIS DETAIL BASED ON INFORMATION PROVIDED TO A/E. THE DRAWING IS INTENDED TO BE USED IN ACCORDANCE WITH THE DESIGN MANUAL AND THE DESIGNER'S RESPONSIBILITY FOR THE PROJECT. THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE GENERAL RECOMMENDATIONS AND THE BEST PRACTICES FOR THE PROJECT. THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE CONSTRUCTION. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO OBTAIN THE DETAILS PROVIDED HEREIN ARE ACCEPTABLE FOR THE PROJECT.

DATE: 11/20/2023
SCALE: TYPICAL TRENCH DETAIL
DRAWING NUMBER: STD-101

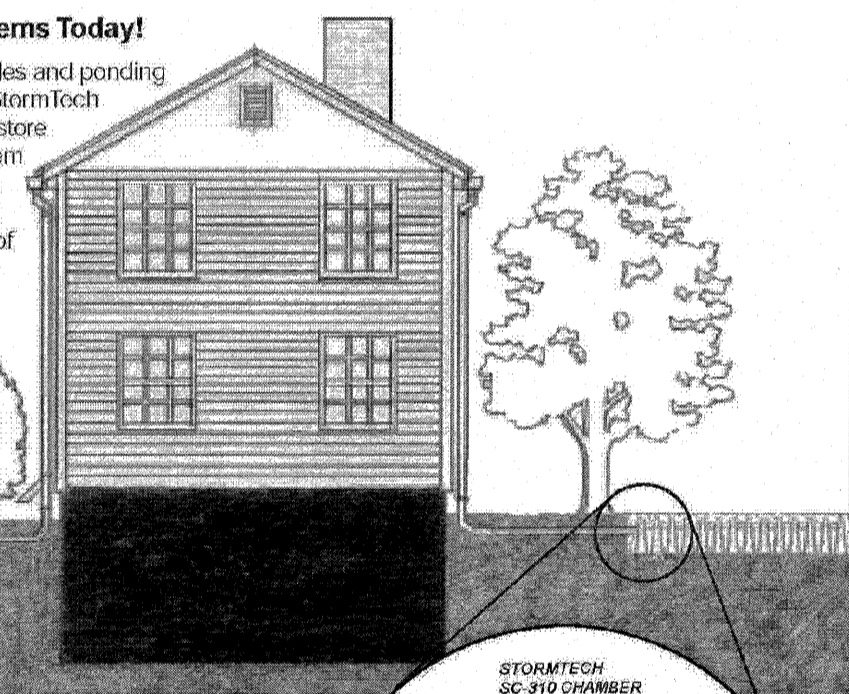
HDPE PIPE TRENCH
NOT TO SCALE

StormTech Chambers
For Residential Downspout
Drainage Systems.



Solve Your Puddle Problems Today!

Keep your yard free from puddles and ponding during heavy rain storms with StormTech chambers. The chambers can store water from roofs or other problem areas underground, eliminating water logged or slippery frozen water conditions. Constructed of polypropylene plastic, StormTech chambers are lightweight and inherently resistant to environmental stress cracking and chemicals typically found in stormwater runoff.



The StormTech Downspout Drainage System.

StormTech offers two chamber sizes to manage water from downspouts or ponded areas. Residential gutters gather rainwater and deliver it to the chambers via the downspout or other inlet pipe. To prevent soil erosion, either a small amount of stone or filter fabric along the bottom of the trench is needed.

StormTech Drainage Benefits.

Installation: StormTech chambers can easily be hand-carried into position and installed without the use of heavy construction equipment. StormTech chambers require an excavated area, piping material and filter fabric.

Aesthetics: Runoff can be diverted away and stored safely and neatly underground. No more ponding water, frozen walkways or soil erosion contributing to the negative aesthetics of your yard.

Safety: Because the chambers are underground, they eliminate erosion ditches and potential hazards caused by conventional roof drains and ice build-up in the winter.

Versatility: StormTech chambers are ideal for storing water from residential rooftops, driveways, tennis courts or ponded areas in the yard.

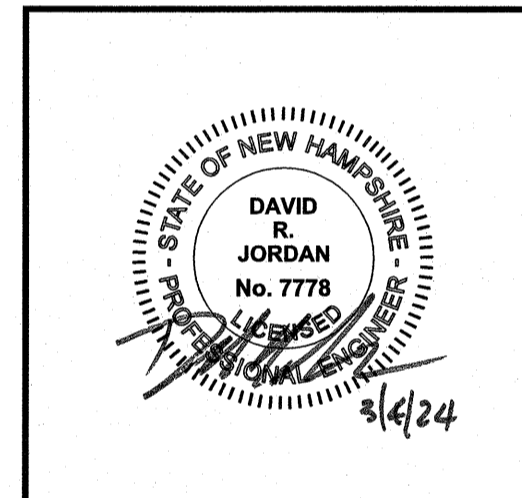
- NOTE:
- 1) PROVIDE ONE STORMTECH SC-310 CHAMBER FOR EVERY 220 SF OF ROOF AREA
 - 2) THE INSTALLATION AND MAINTENANCE OF THE ROOF INFILTRATION UNITS IS A REQUIREMENT PURSUANT TO THE ALTERATION OF TERRAIN PERMIT.
 - 3) EACH ROW OF CHAMBERS SHALL BE SET ON A 6 INCH STONE BASE WITH 12 INCHES OF STONE ON ALL SIDES AND 6 INCHES OF STONE OVER THE TOP OF THE CHAMBERS.
 - 4) THE BASE STONE SHALL BE INSTALLED AT LEAST ONE FOOT ABOVE THE SEASONAL HIGH WATER TABLE. WATER TABLE SHALL BE CONFIRMED WITH A TEST PIT PRIOR TO CONSTRUCTION.

STORMTECH ROOF RECHARGE
NOT TO SCALE

GPI Engineering
Design
Planning
Construction Management
603.893.0720 GPINET.COM
Greenman-Pedersen, Inc.
44 Siles Road, Suite One
Salem, NH 03079

PREPARED FOR
SOUSA REALTY & DEVELOPMENT CORP.
46 LOWELL ROAD
HUDSON, NH 03051

ASSESSOR MAP 165 LOT 49
36 CAMPBELLO STREET
HUDSON, NEW HAMPSHIRE



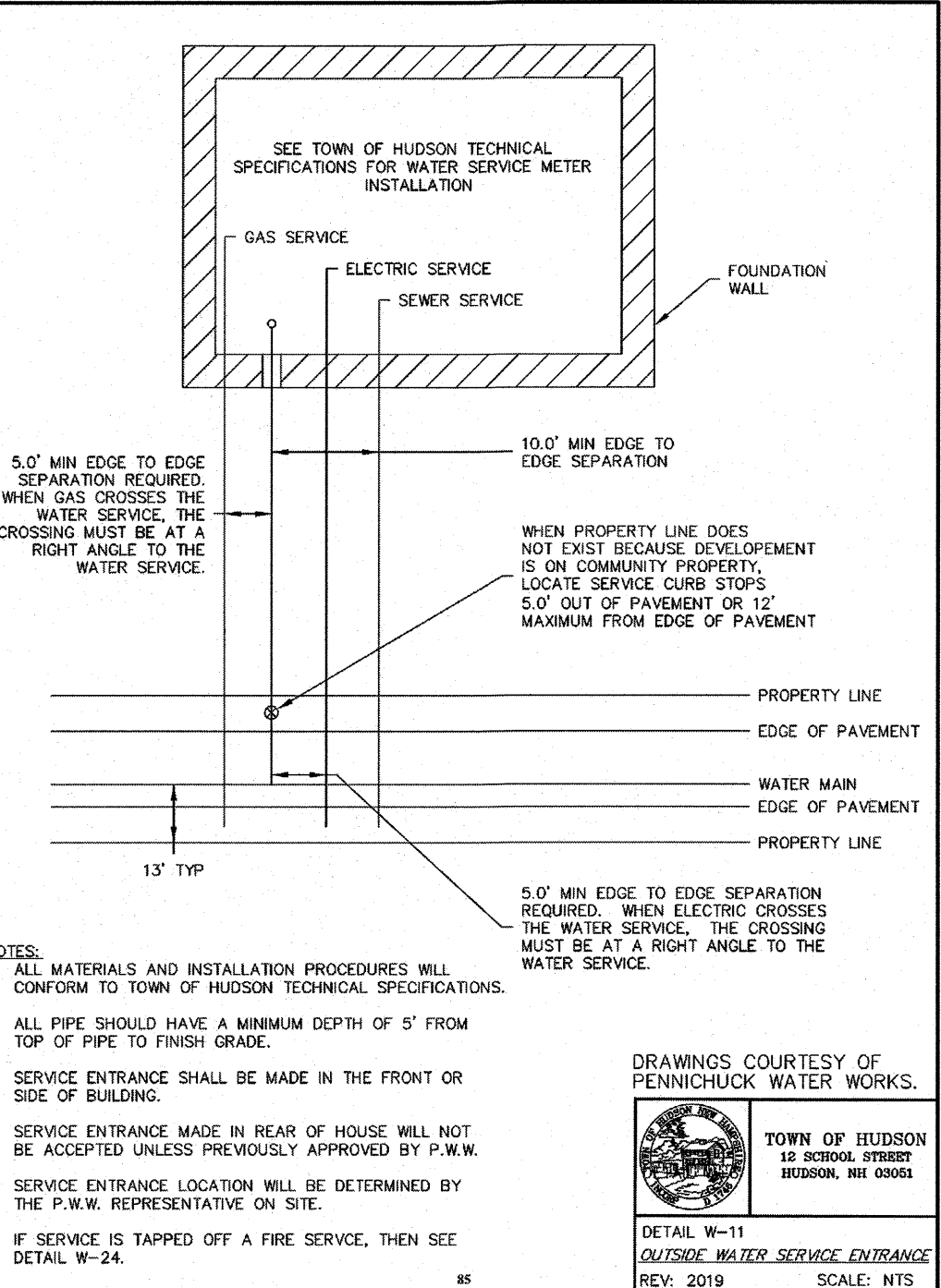
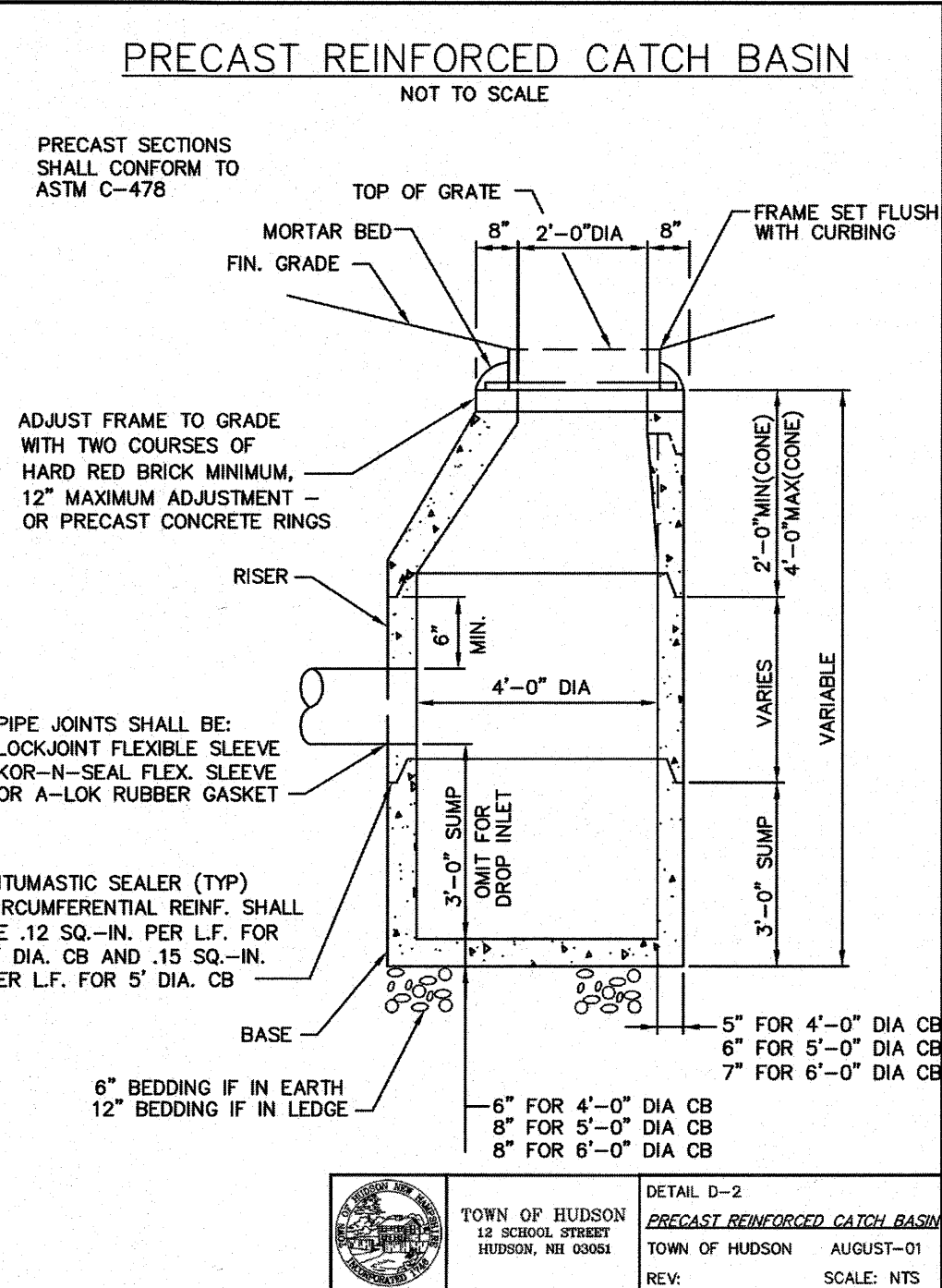
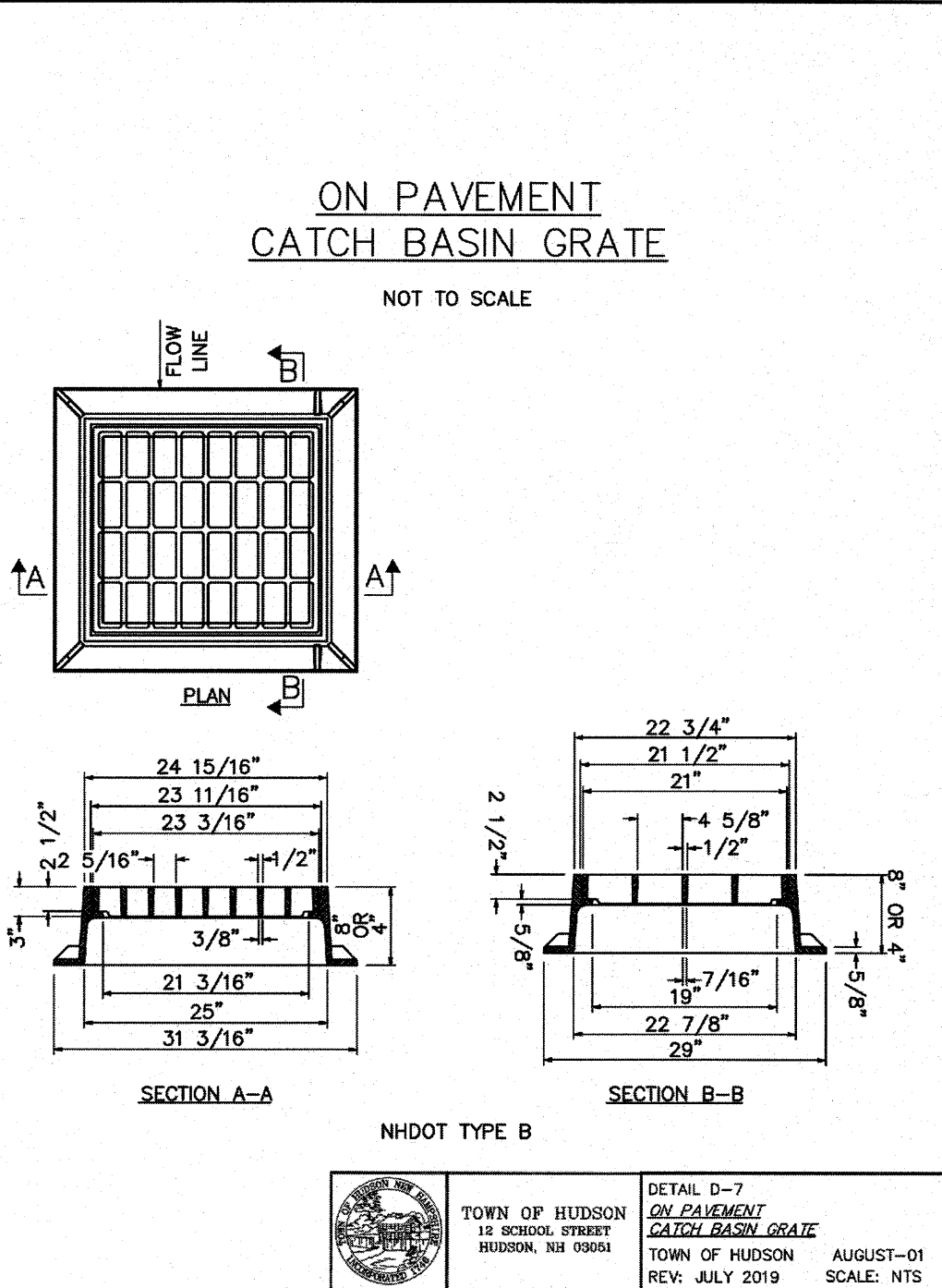
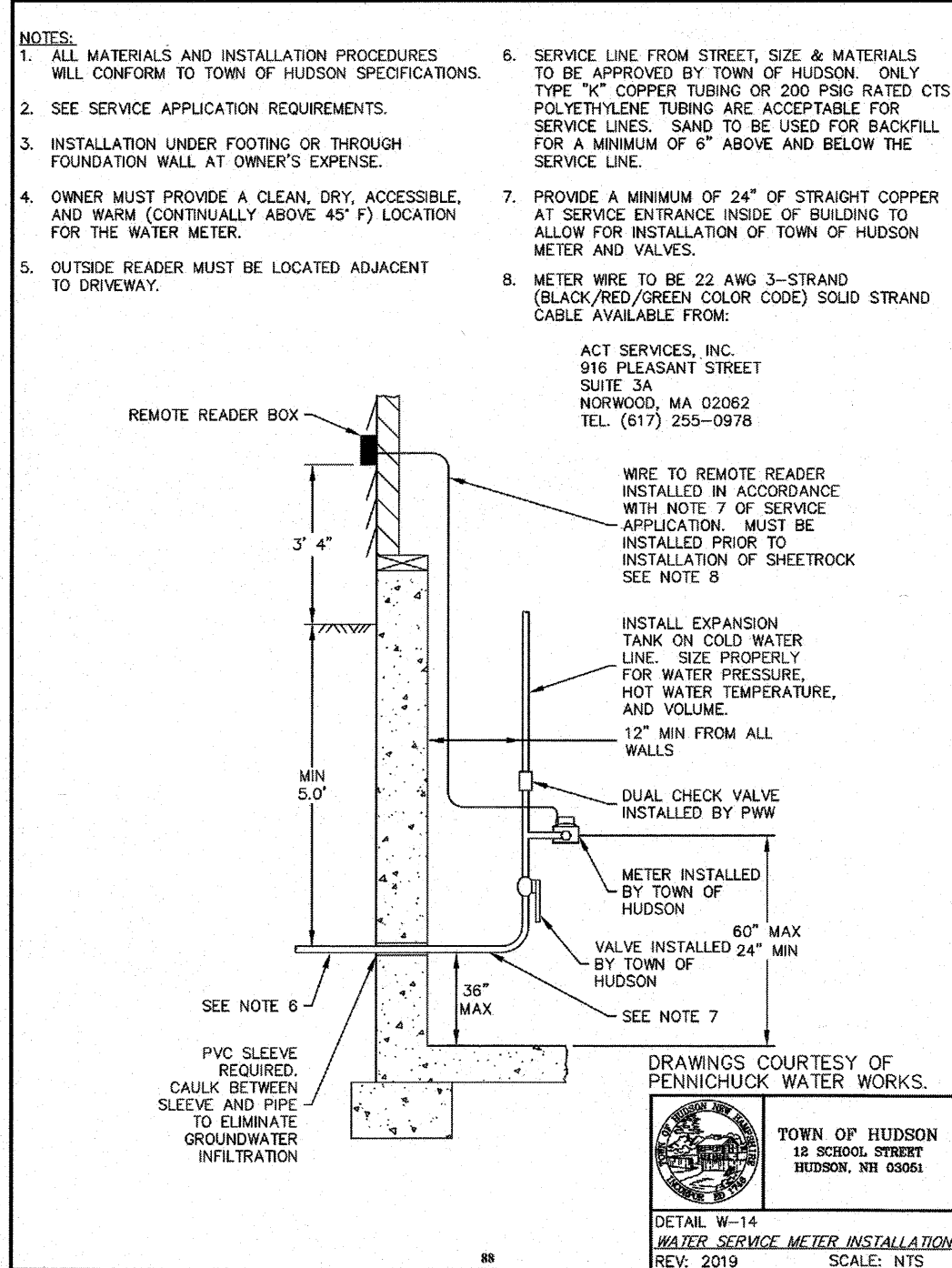
REVISIONS		
NO.	REVISION	DATE
1	MISC. REVISION	3/1/24
NOVEMBER 20, 2023		
DRAWN/DESIGN BY		CHECKED BY
CNM		DRJ

CONSTRUCTION
DETAILS

SCALE: AS SHOWN

PROJECT NO. NEX-2300191

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Client: Sousa Realty
Project Address: 36 Campbell Street
Town, State: Hudson, NH
Job Number: NEX-2300191
Date: September 28, 2023
Performed by: Diane Pantemoller

Test Pit No.	1	SCS Soil:	Occum Fine Sandy Loam		
ESHWT:	36"	Standing Water:	90"		
Refusal:	>94"	Roots:	None		
Depth	Horizon	Soil Texture	Color	Consistence	Layer Description (Gravel, Stones, Fill, etc)
0-15"	A	Loamy Sand	10yr 3/4	Friable	
15-25"	B	Loamy Sand	10yr 5/6	Friable	
25-94"	C	Loamy Sand	2.5y 6/3	Friable	

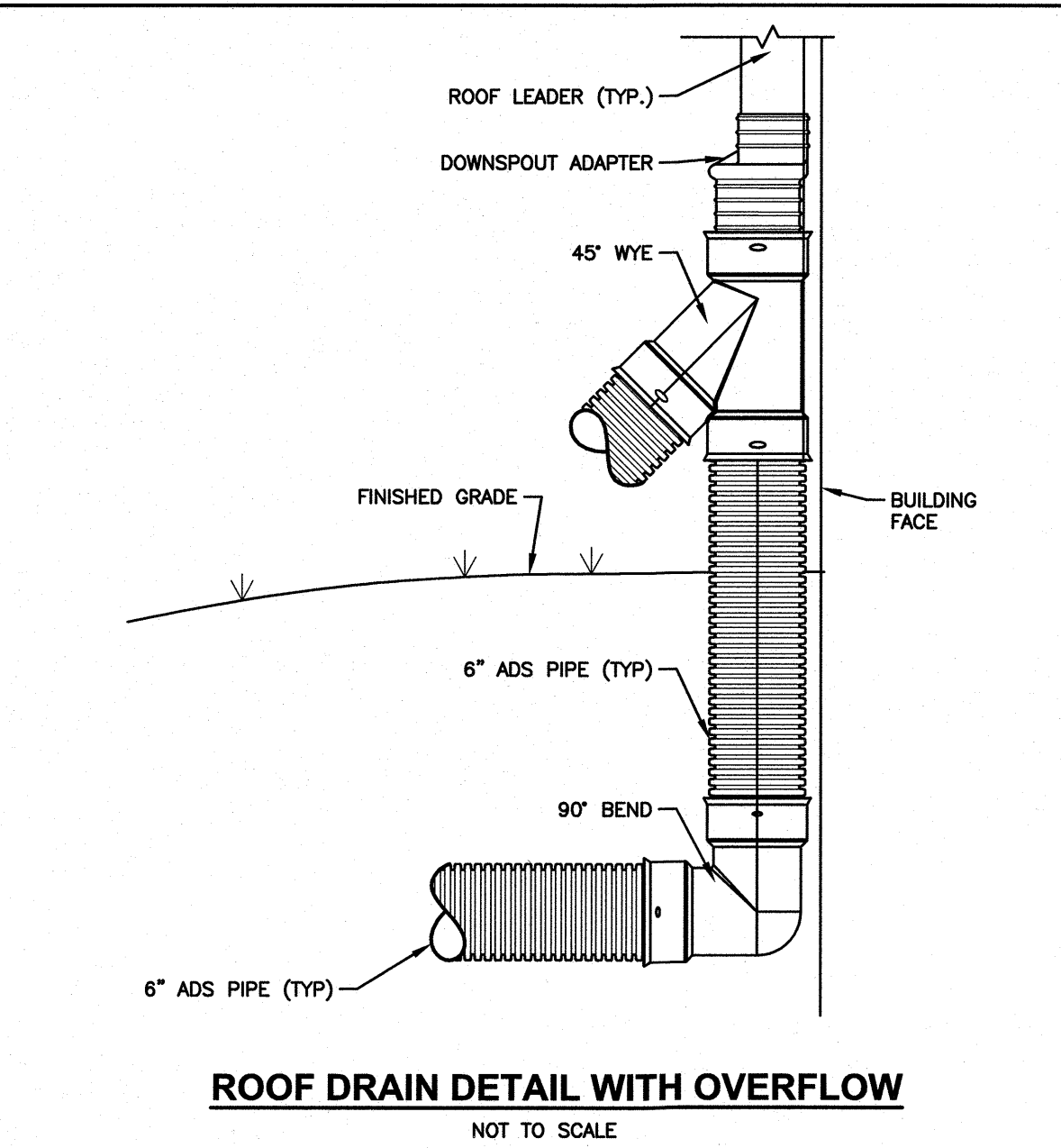
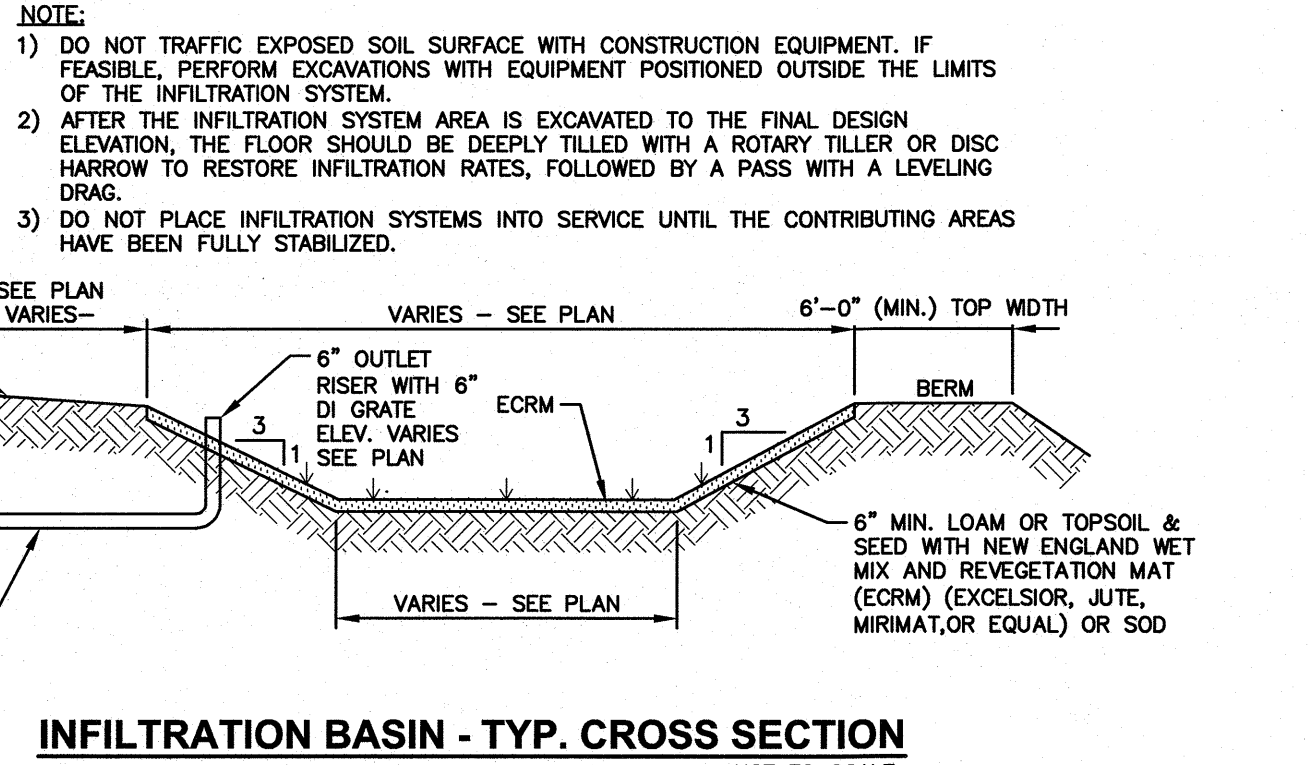
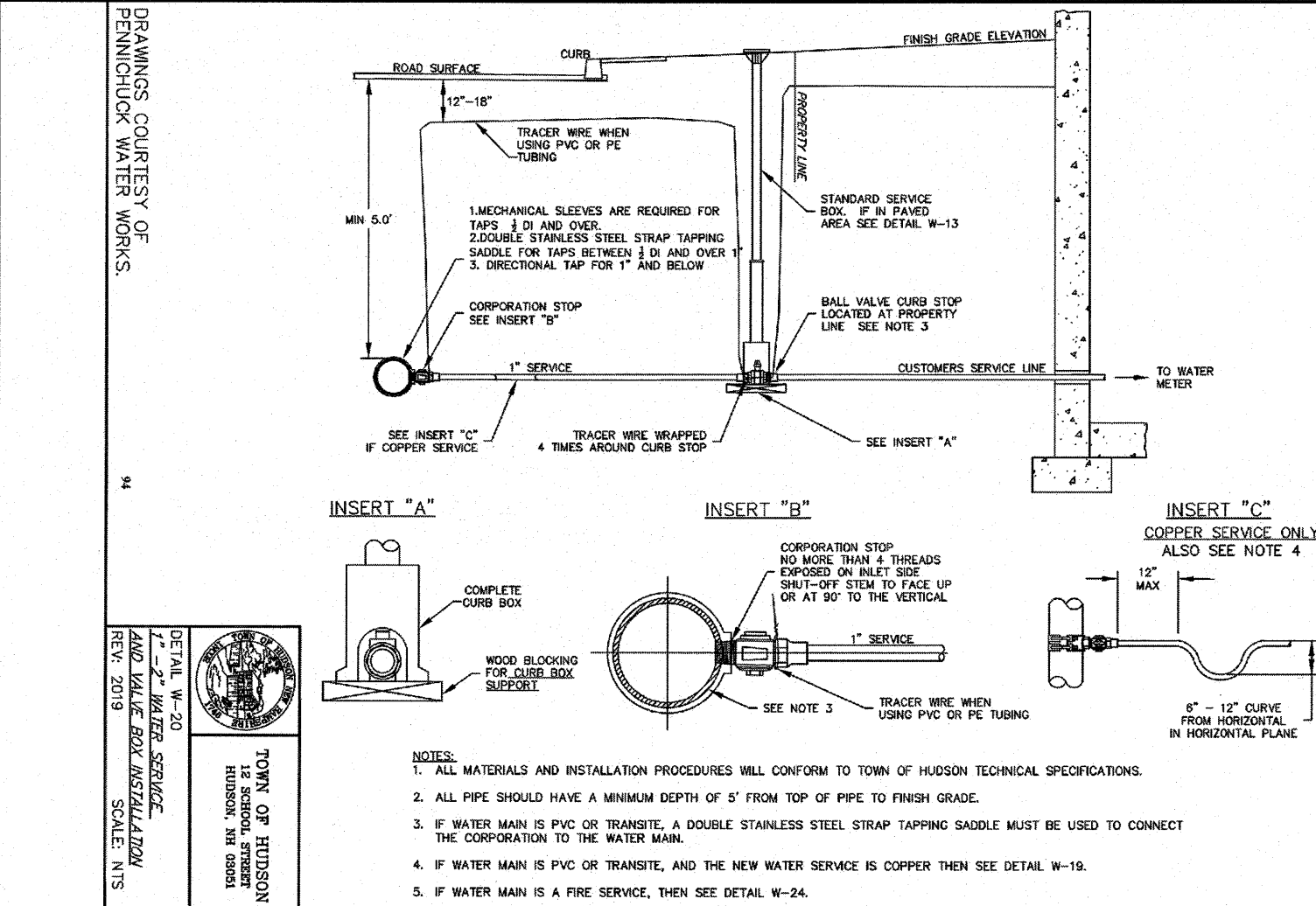
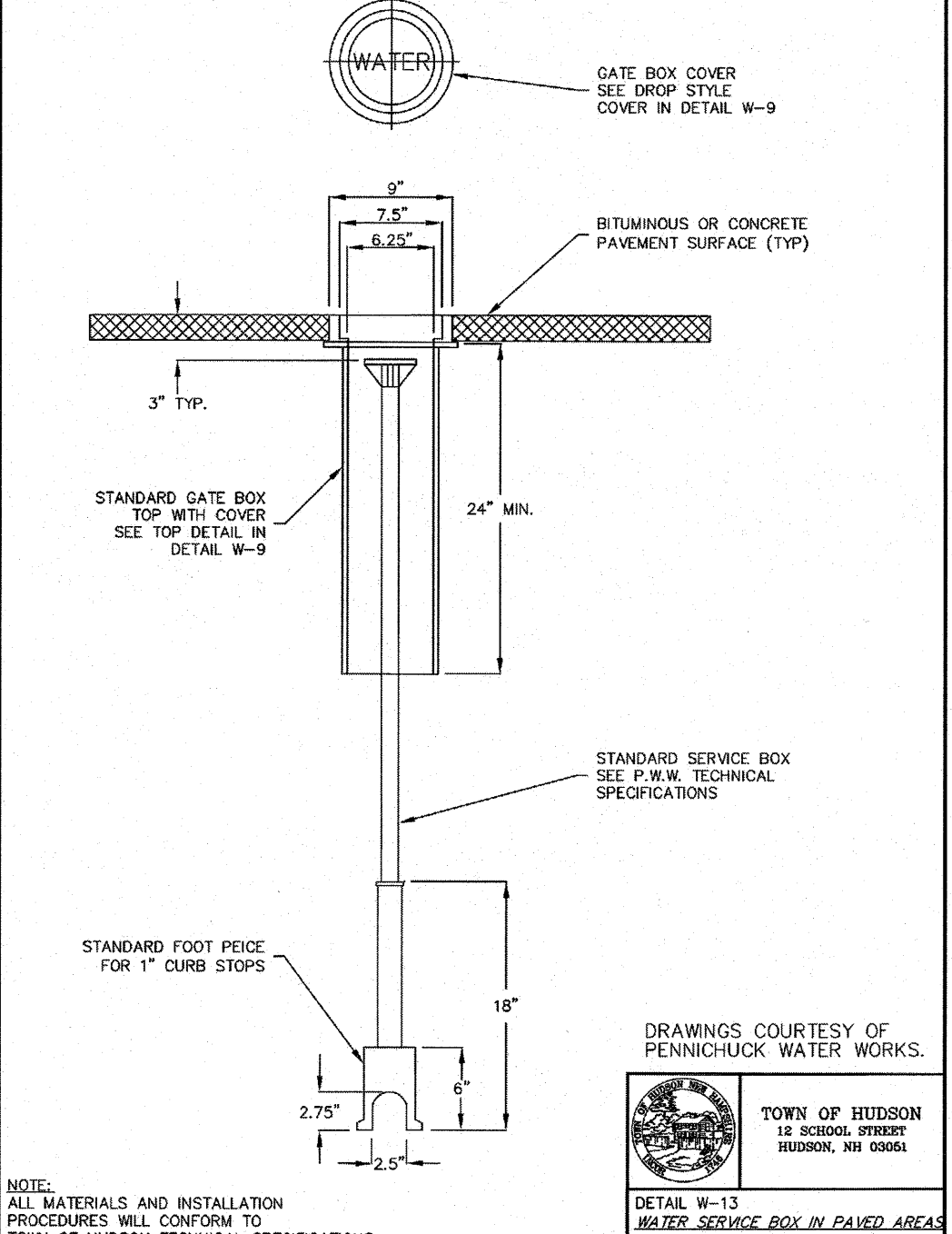
Test Pit No.	2	SCS Soil:	Occum Fine Sandy Loam		
ESHWT:	36"	Standing Water:	60"		
Refusal:	>84"	Roots:	None		
Depth	Horizon	Soil Texture	Color	Consistence	Layer Description (Gravel, Stones, Fill, etc)
0-14"	A	Loamy Sand	10yr 3/2	Friable	
14-26"	B	Loamy Sand	10yr 5/6	Friable	
26-60"	C1	Loamy Sand	2.5y 6/3	Friable	
60-84"	C2	Sand	7.5yr 6/8	Loose	

Test Pit No.	3	SCS Soil:	Occum Fine Sandy Loam		
ESHWT:	36"	Standing Water:	48"		
Refusal:	>84"	Roots:	None		
Depth	Horizon	Soil Texture	Color	Consistence	Layer Description (Gravel, Stones, Fill, etc)
0-14"	A	Loamy Sand	10yr 3/2	Friable	
14-28"	B	Loamy Sand	10yr 5/6	Friable	
28-84"	C	Fine Sand	2.5y 6/3	Friable	

Test Pit No.	4	SCS Soil:	Occum Fine Sandy Loam		
ESHWT:	36"	Standing Water:	54"		
Refusal:	>78"	Roots:	None		
Depth	Horizon	Soil Texture	Color	Consistence	Layer Description (Gravel, Stones, Fill, etc)
0-12"	A	Loamy Sand	10yr 3/2	Friable	
12-24"	B	Loamy Sand	10yr 5/6	Friable	
24-78"	C	Loamy Sand	2.5y 6/3	Friable	

Test Pit No.	5	SCS Soil:	Occum Fine Sandy Loam		
ESHWT:	48"	Standing Water:	None		
Refusal:	>90"	Roots:	None		
Depth	Horizon	Soil Texture	Color	Consistence	Layer Description (Gravel, Stones, Fill, etc)
0-18"	A	Loamy Sand	10yr 3/4	Friable	
18-40"	B	Loamy Sand	10yr 5/6	Friable	
40-90"	C	Loamy Sand	2.5y 6/3	Friable	

TEST PIT LOGS



APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____
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 SIGNATURE _____ DATE _____

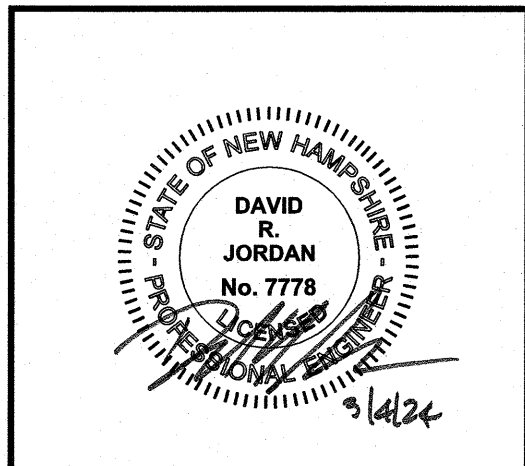
SUBDIVISION PLANS ARE VALID FOR TWO YEARS FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL ALL SHEETS APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.

GPI Engineering
 Planning
 Construction Management
 603.893.0720 GPINET.COM
 Greenman-Pedersen, Inc.
 44 Sales Road, Suite One
 Salem, NH 03079

PREPARED FOR
SOUSA REALTY & DEVELOPMENT CORP.
 46 LOWELL ROAD
 HUDSON, NH 03051

ASSESSOR MAP 165 LOT 49

36 CAMPBELLO STREET
HUDSON, NEW HAMPSHIRE



REVISIONS		
NO.	REVISION	DATE
1.	MISC. REVISION	3/1/24
NOVEMBER 20, 2023		
DRAWN/DESIGN BY	CNM	CHECKED BY
		DRJ

CONSTRUCTION DETAILS

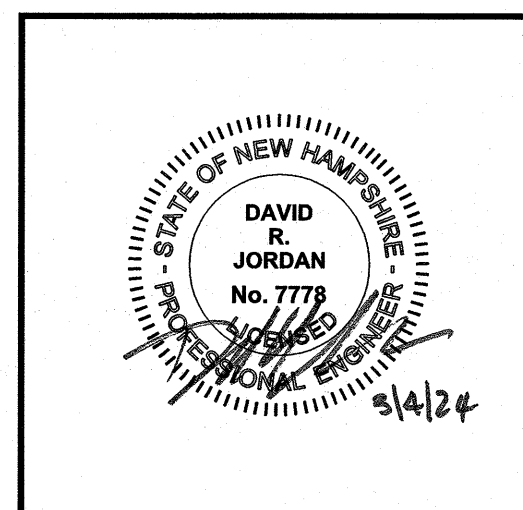
SCALE: AS SHOWN

PROJECT NO. NEX-2300191

14 OF 16

PREPARED FOR
SOUSA REALTY & DEVELOPMENT CORP.
 46 LOWELL ROAD
 HUDSON, NH 03051

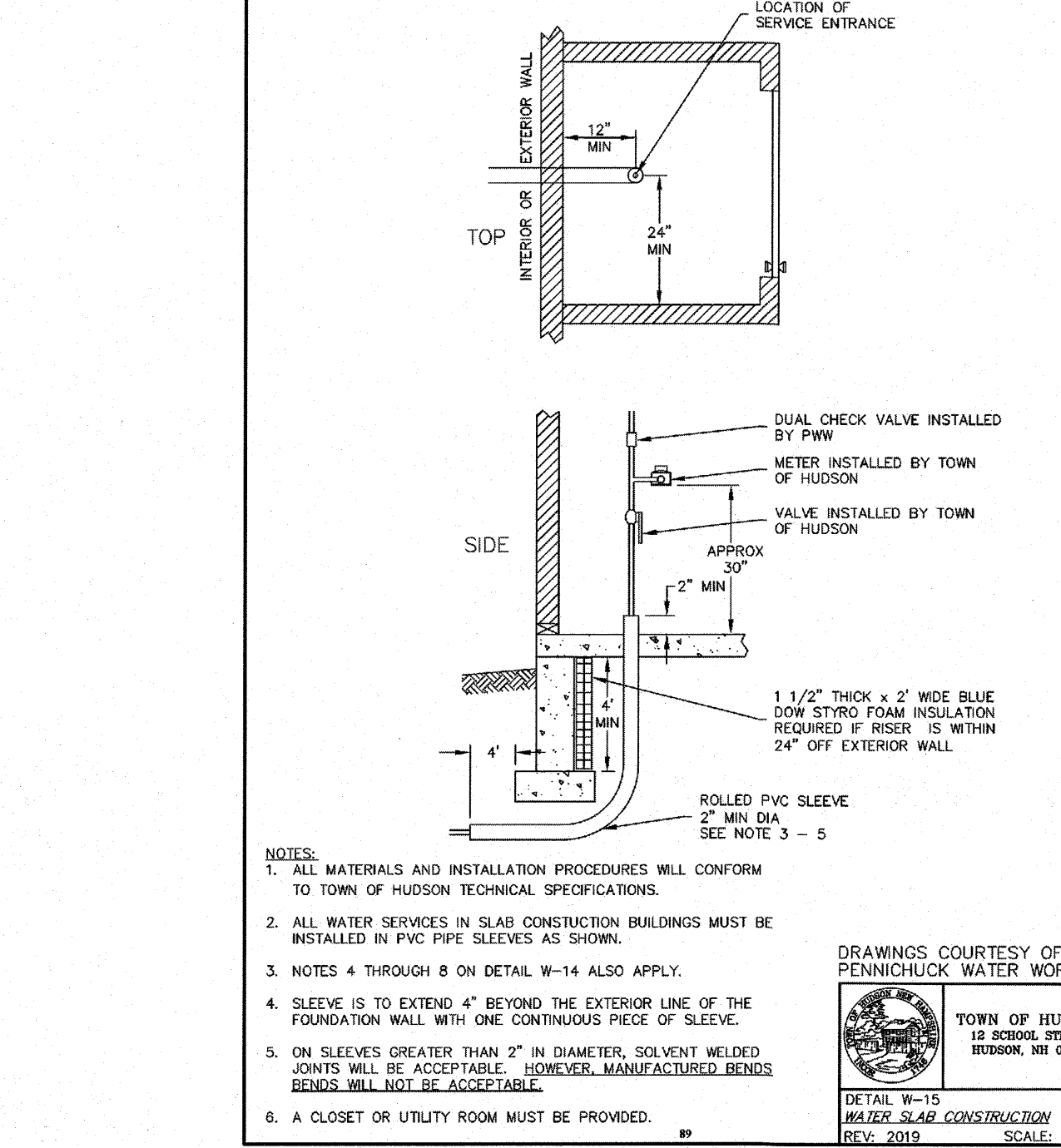
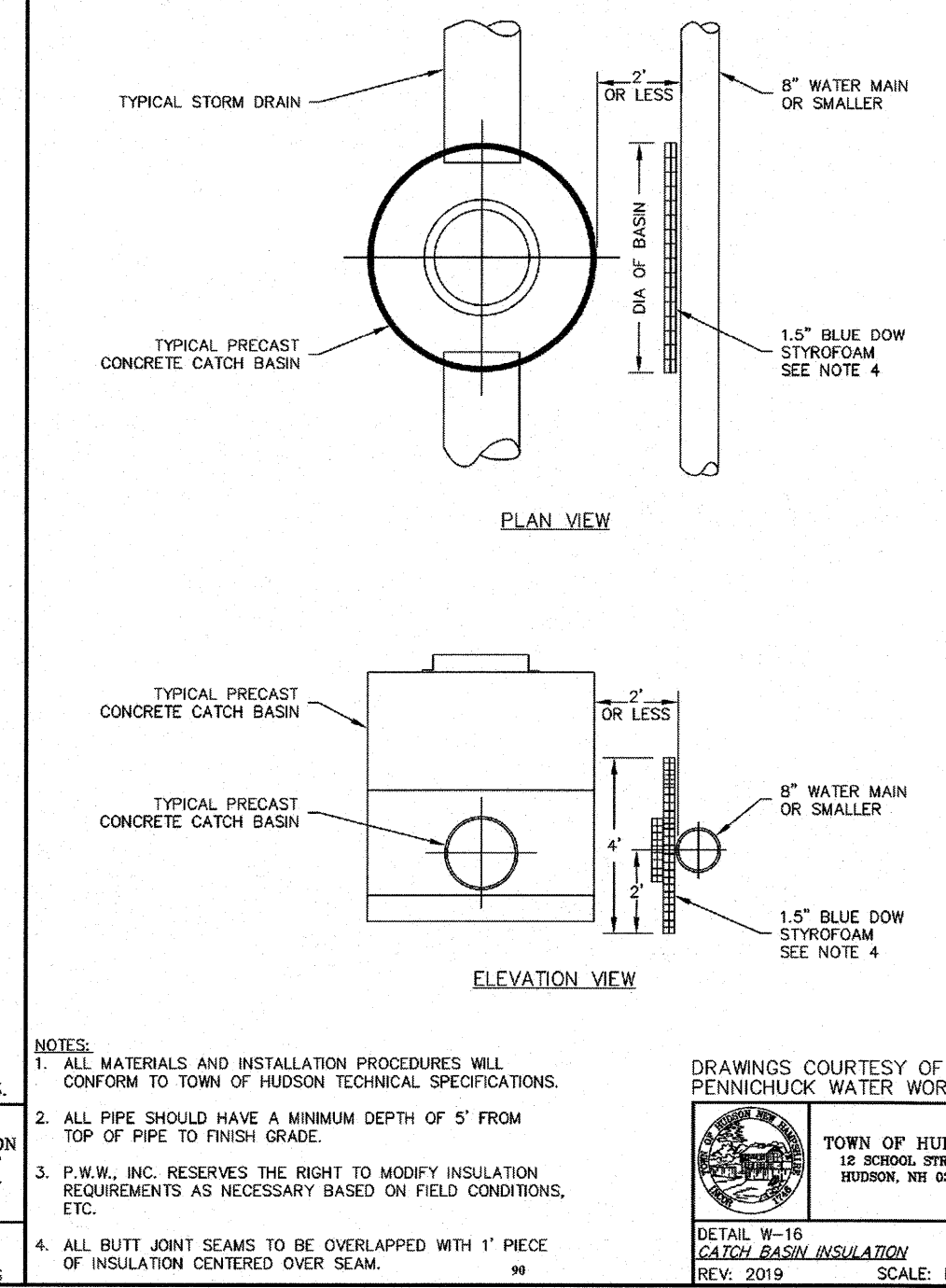
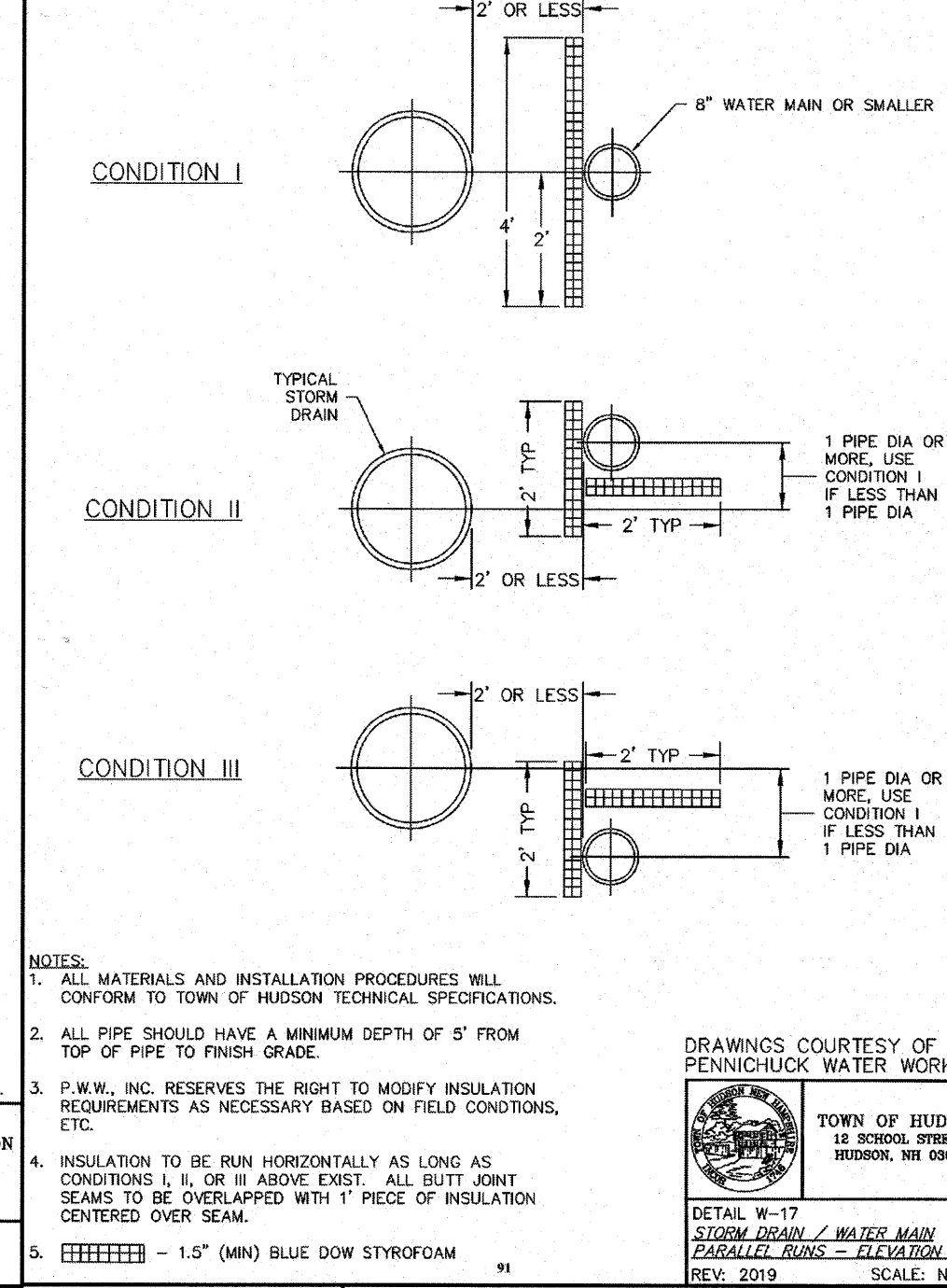
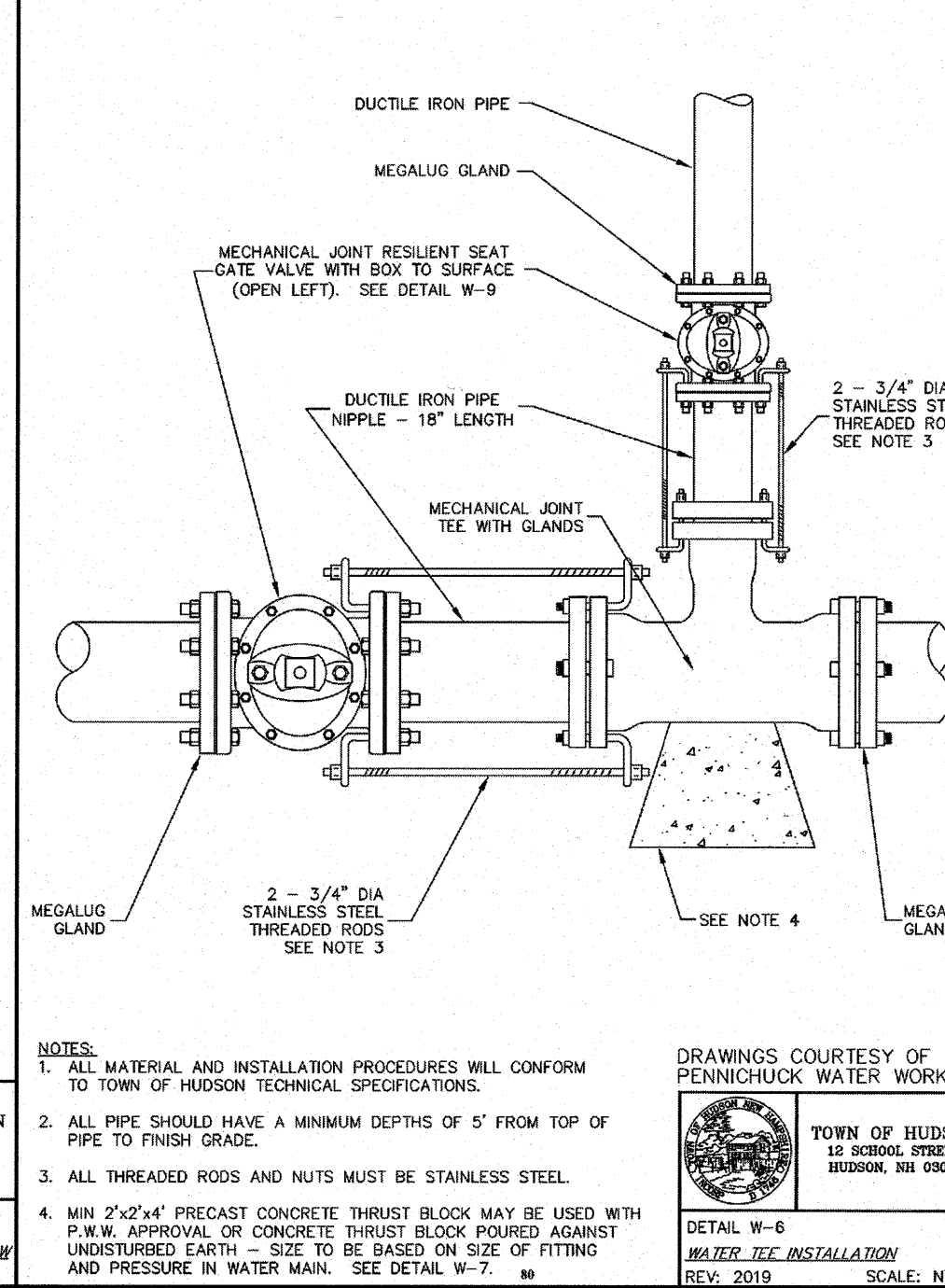
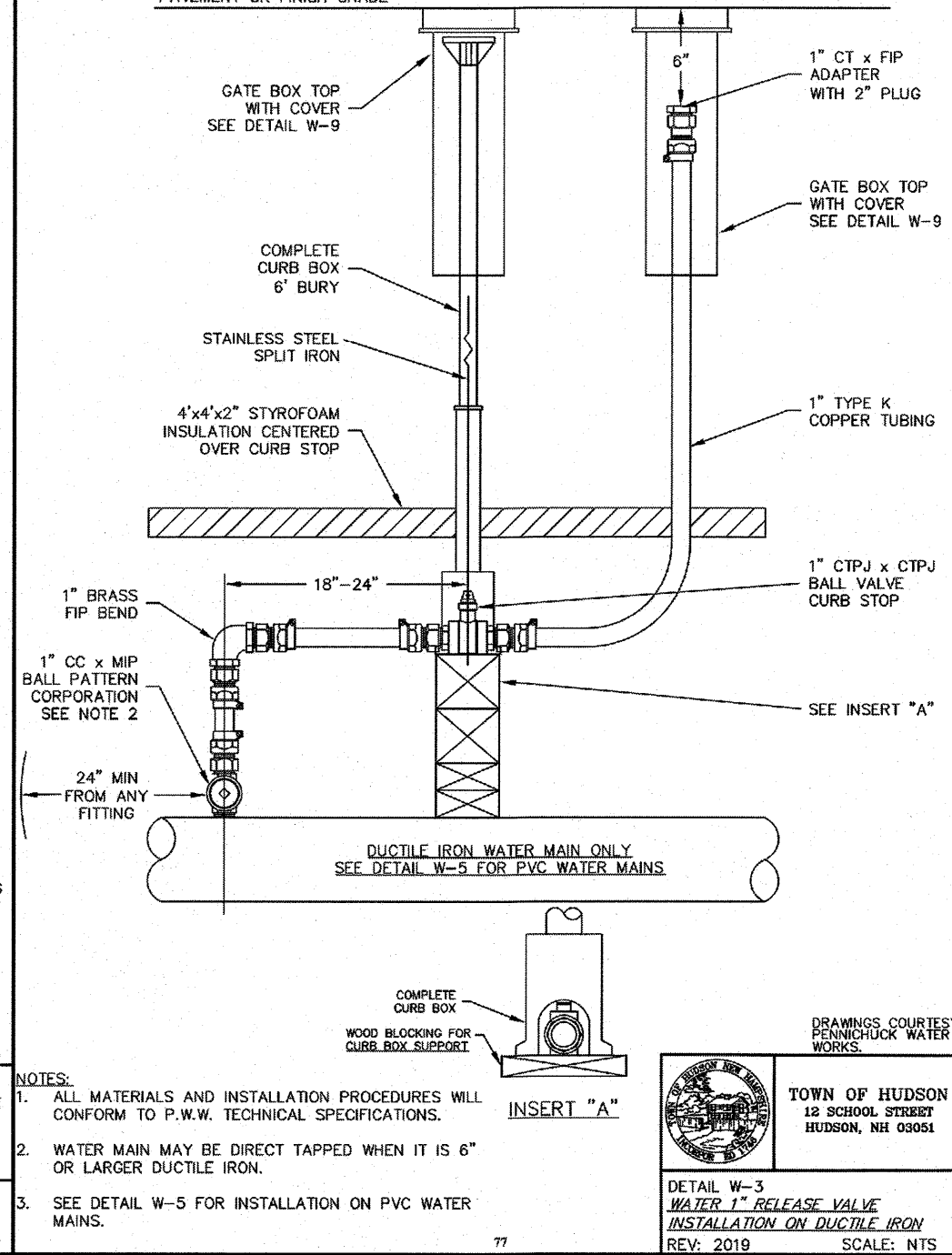
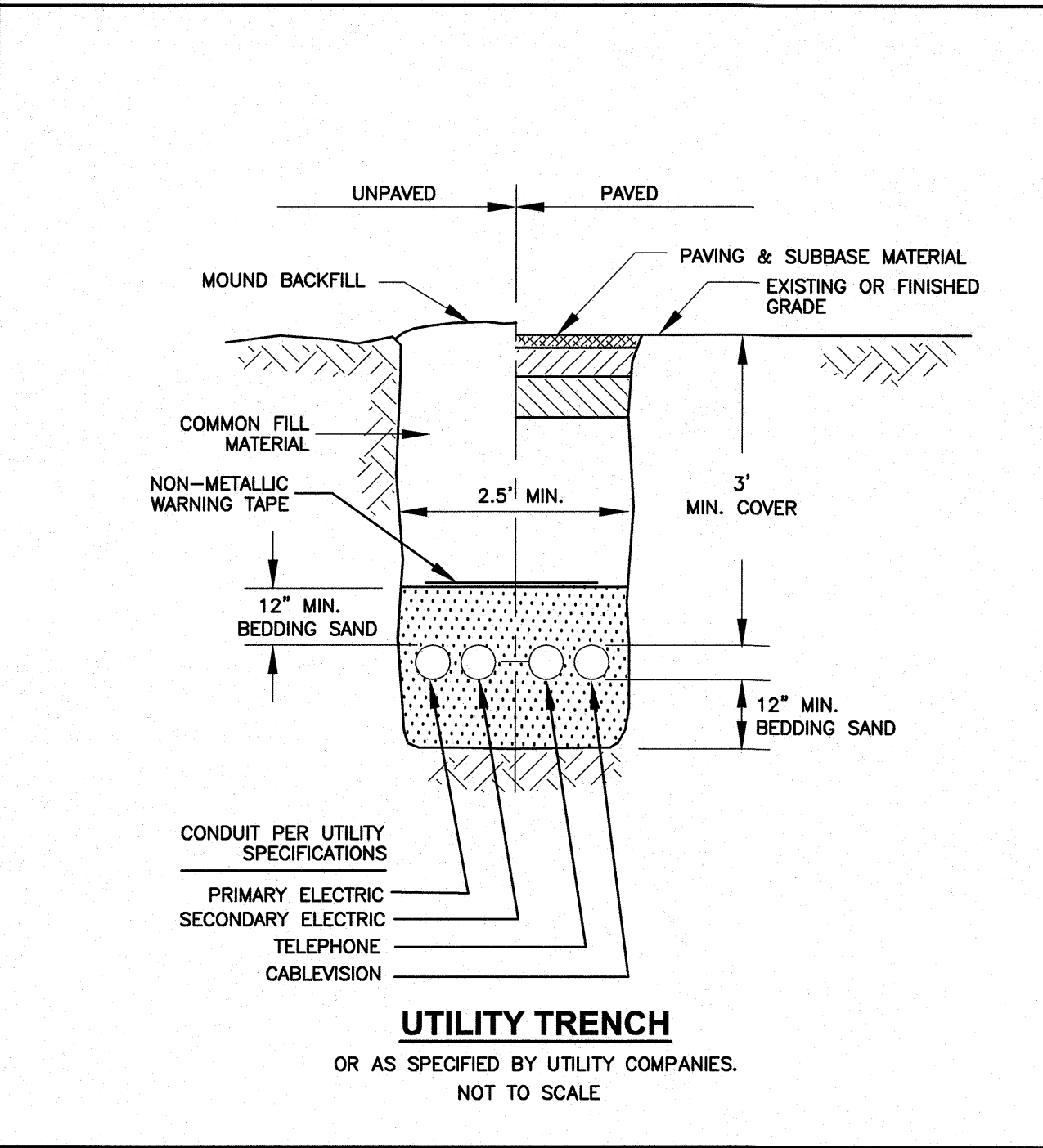
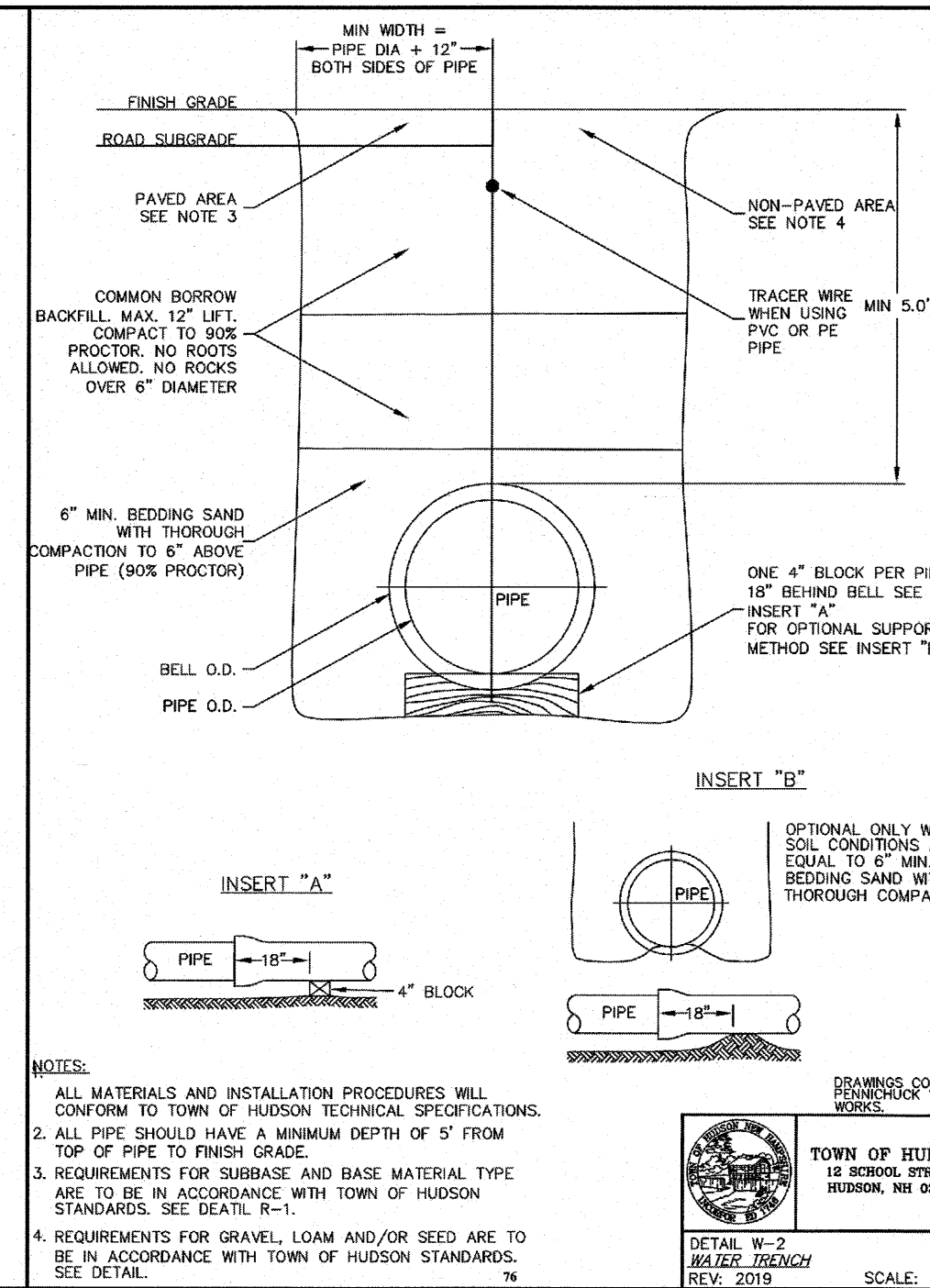
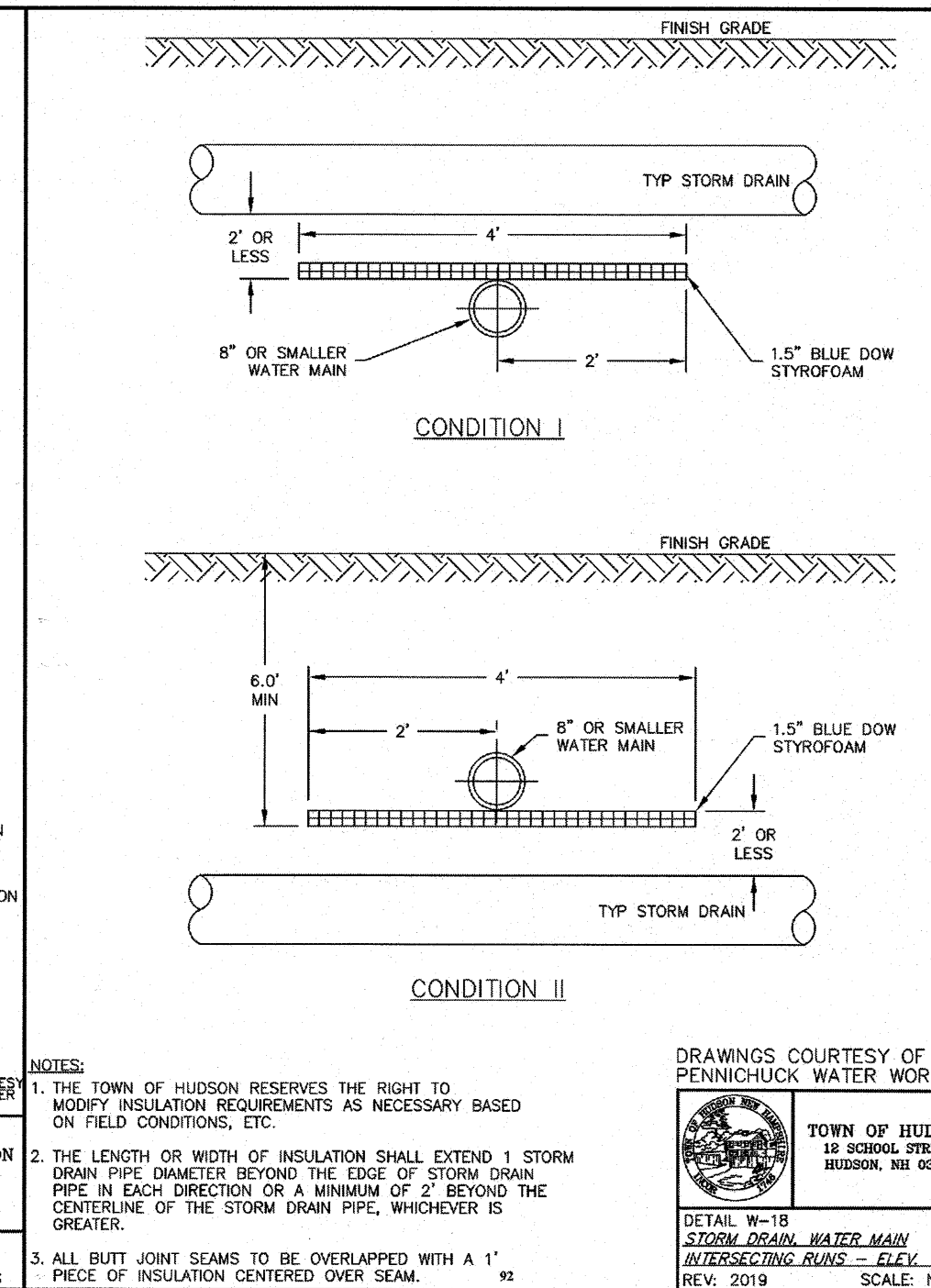
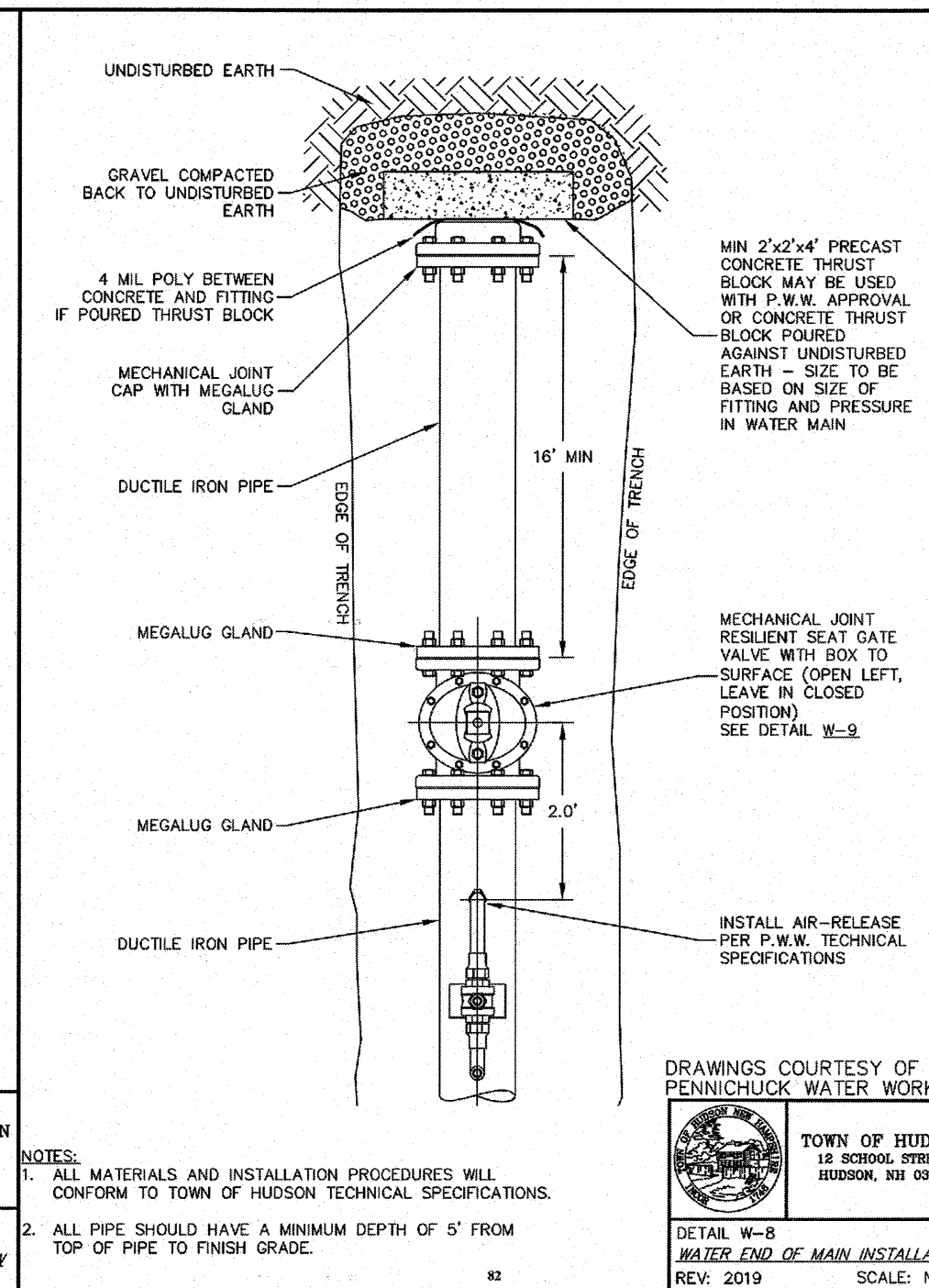
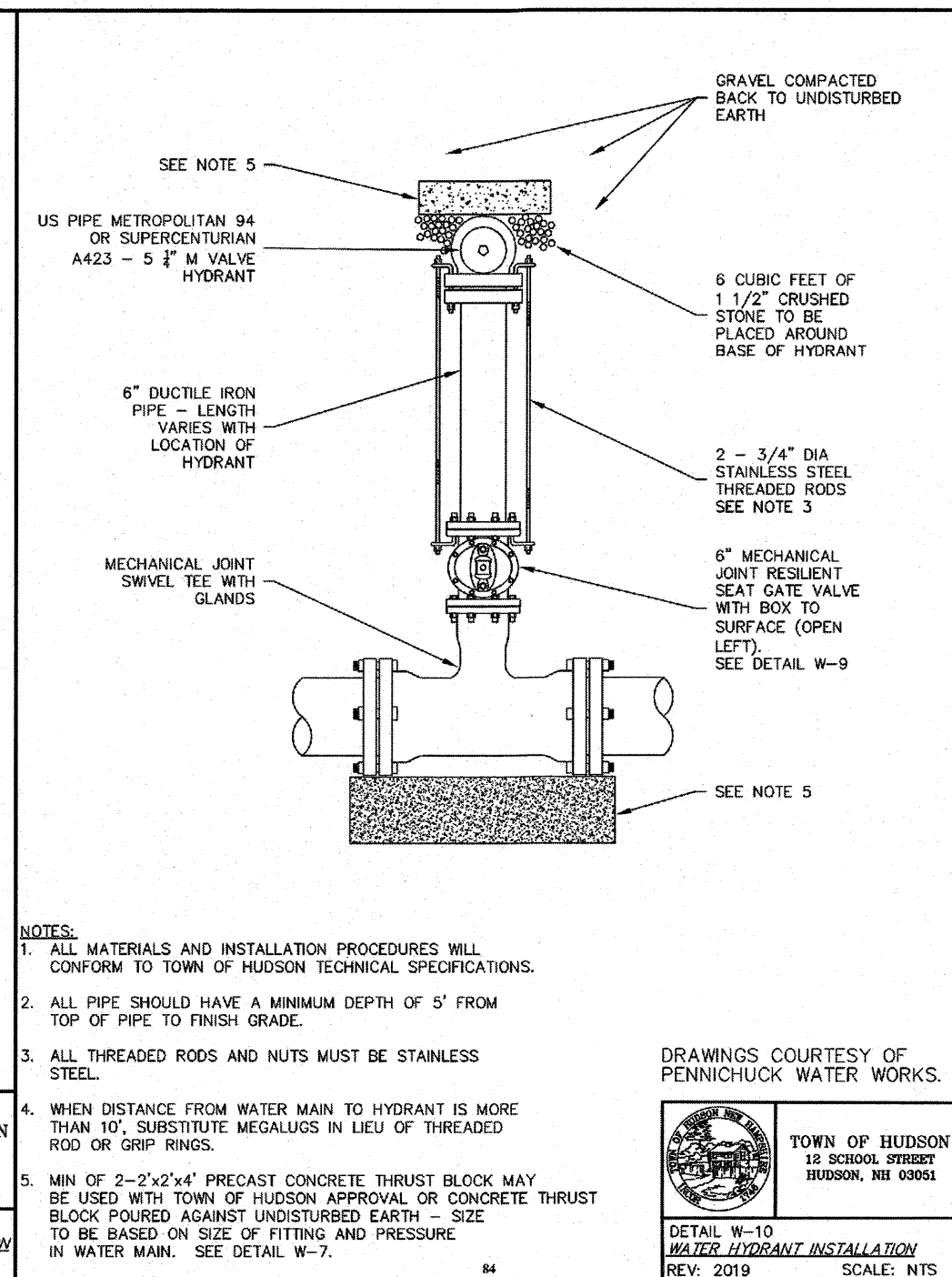
ASSESSOR MAP 165 LOT 49
 36 CAMPBELLO STREET
 HUDSON, NEW HAMPSHIRE



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1	MISC. REVISION	3/1/24
NOVEMBER 20, 2023		
DRAWN/DESIGN BY	CNM	CHECKED BY DRJ

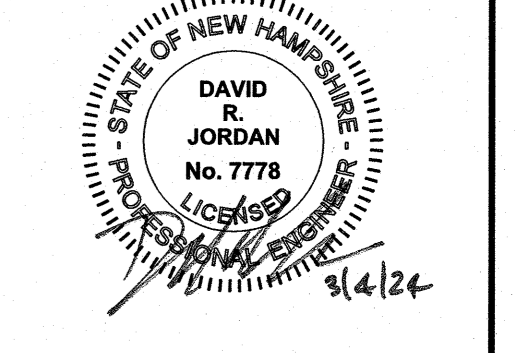
CONSTRUCTION DETAILS

SCALE: AS SHOWN
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 15 OF 16



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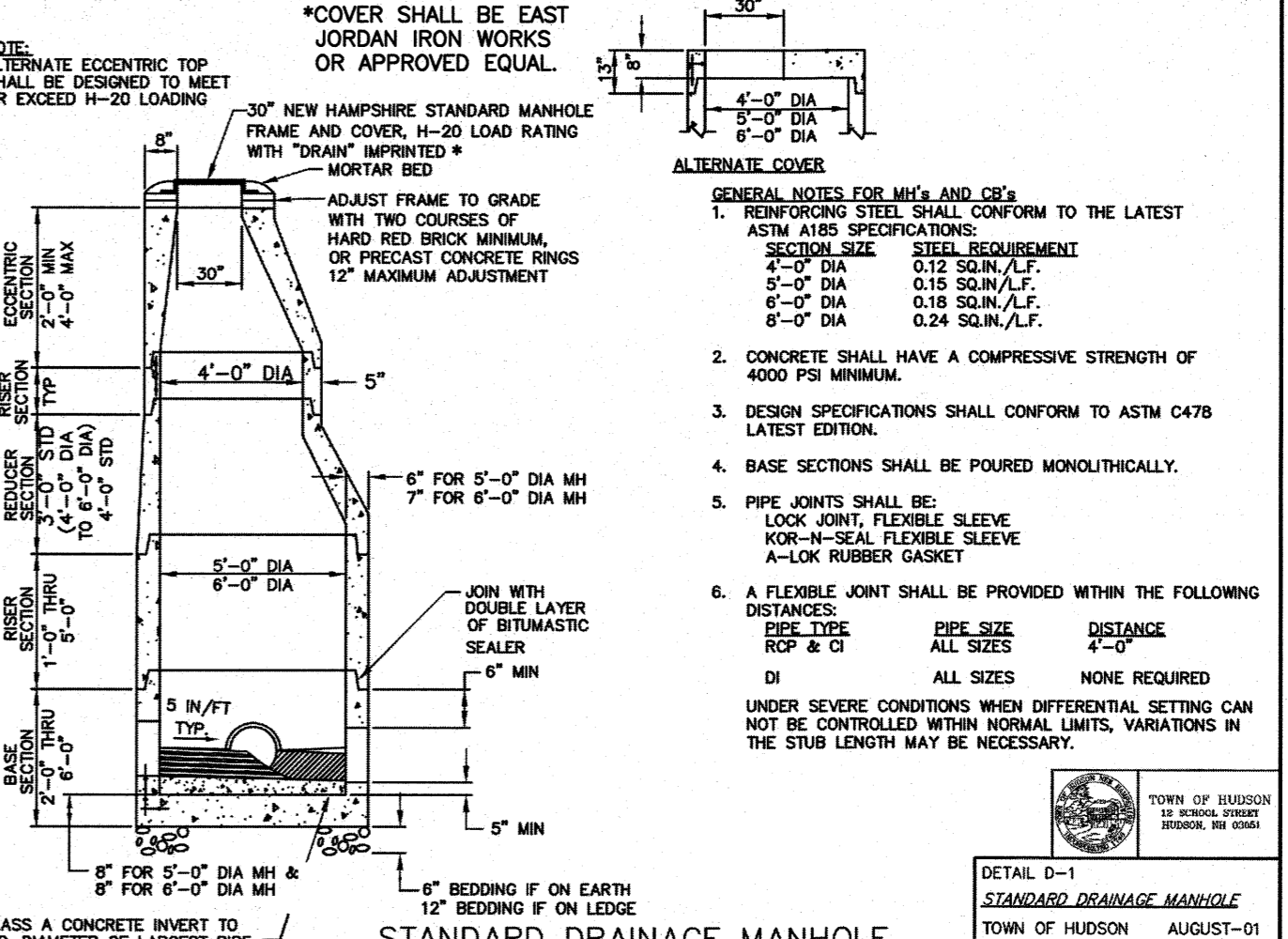
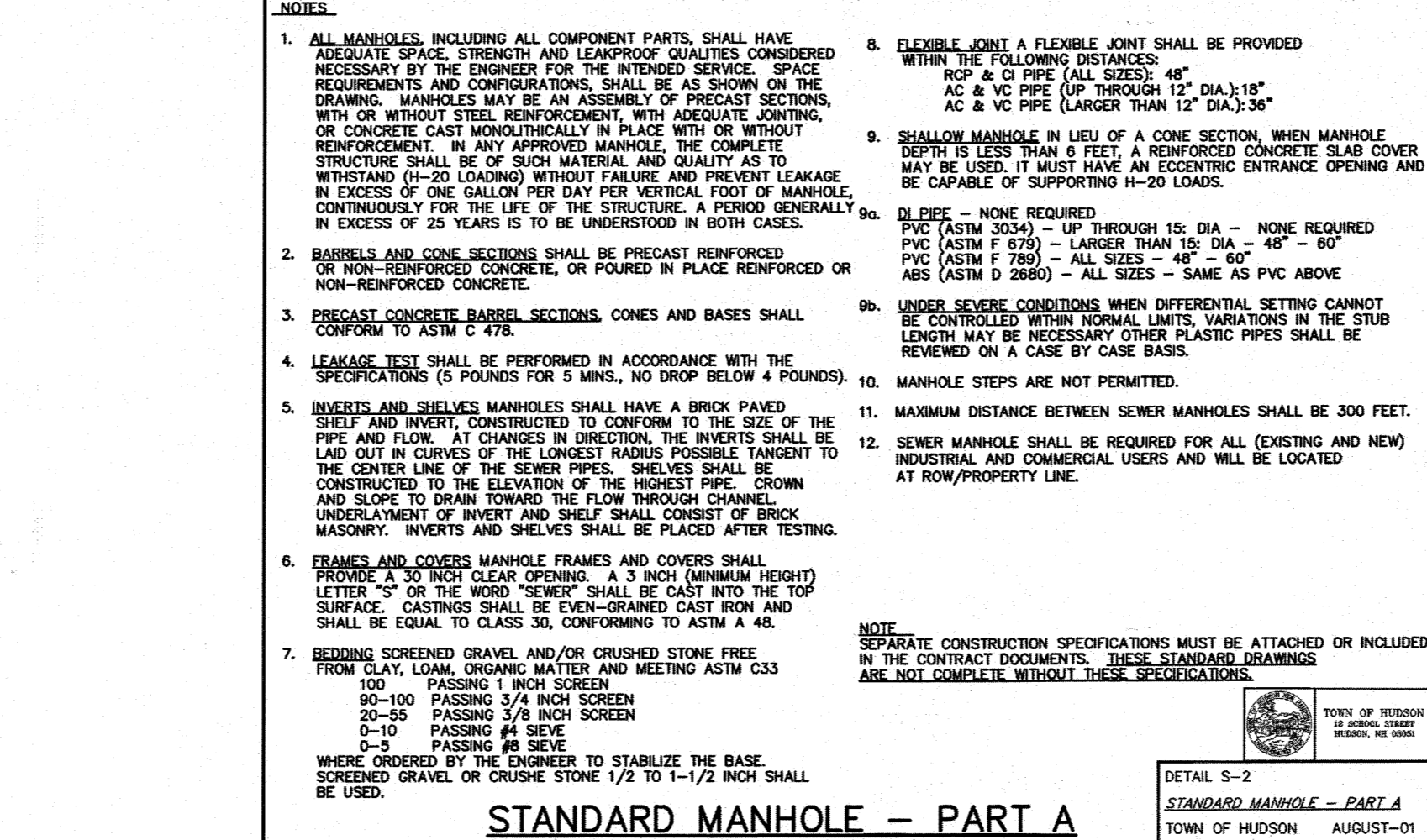
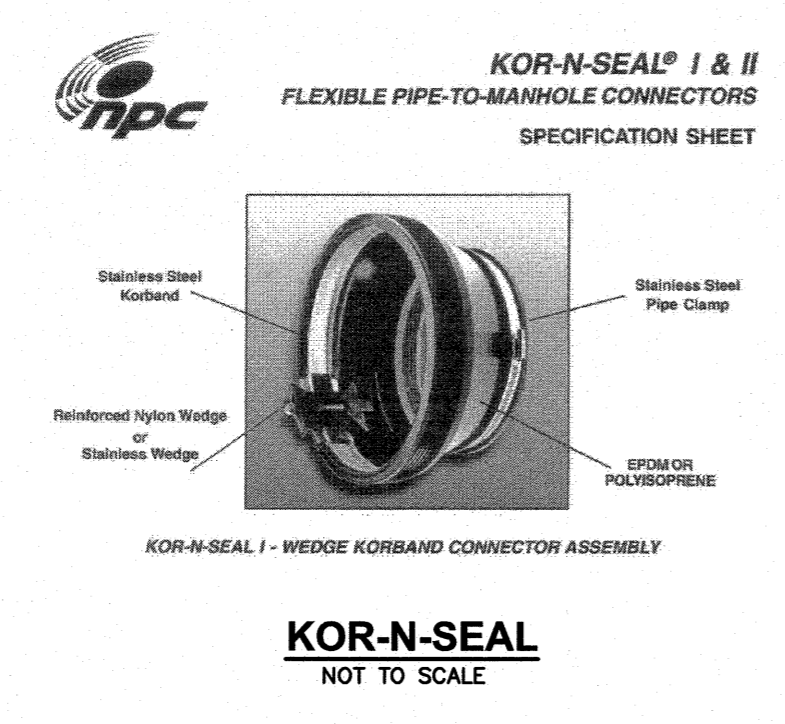
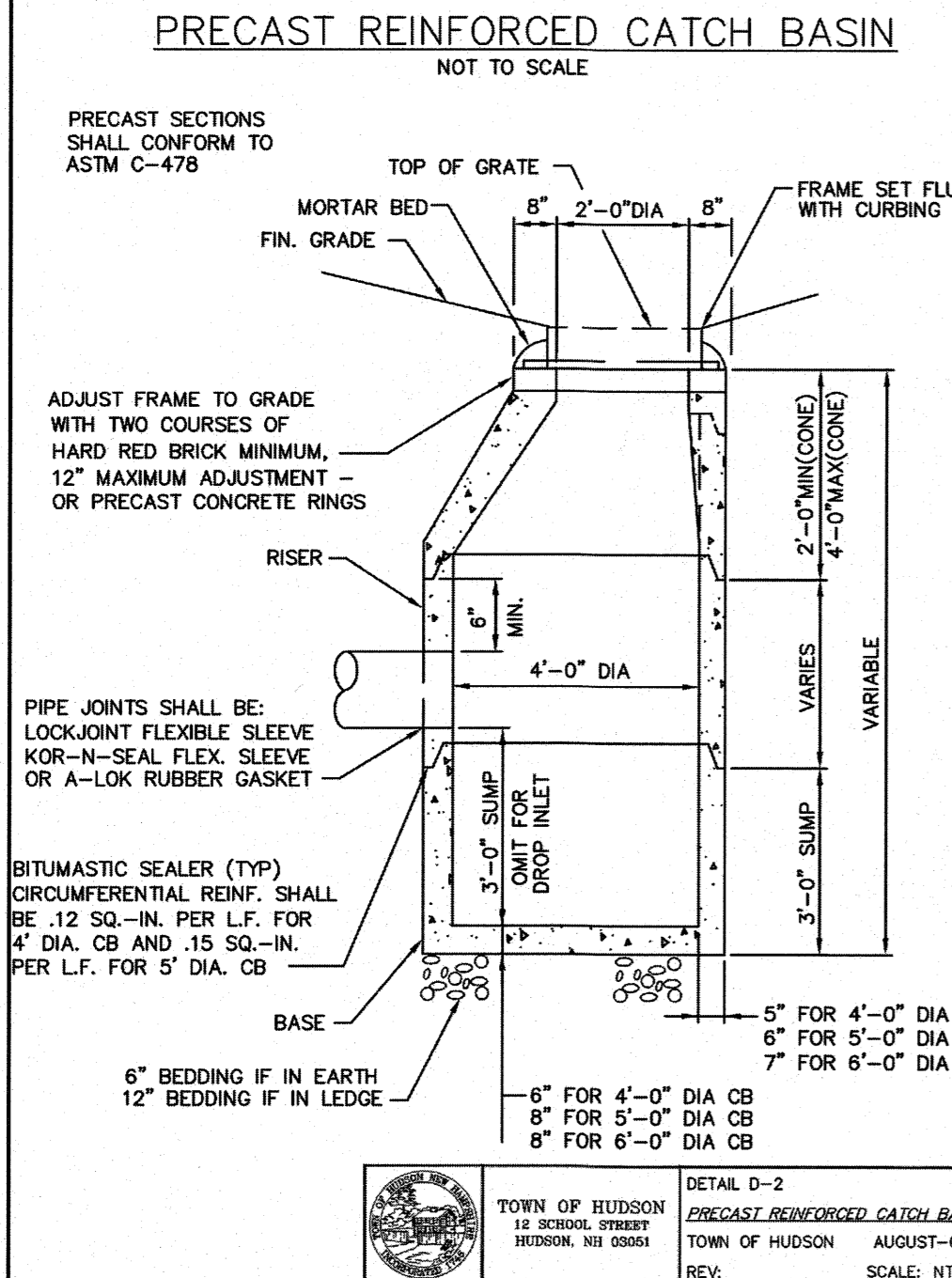
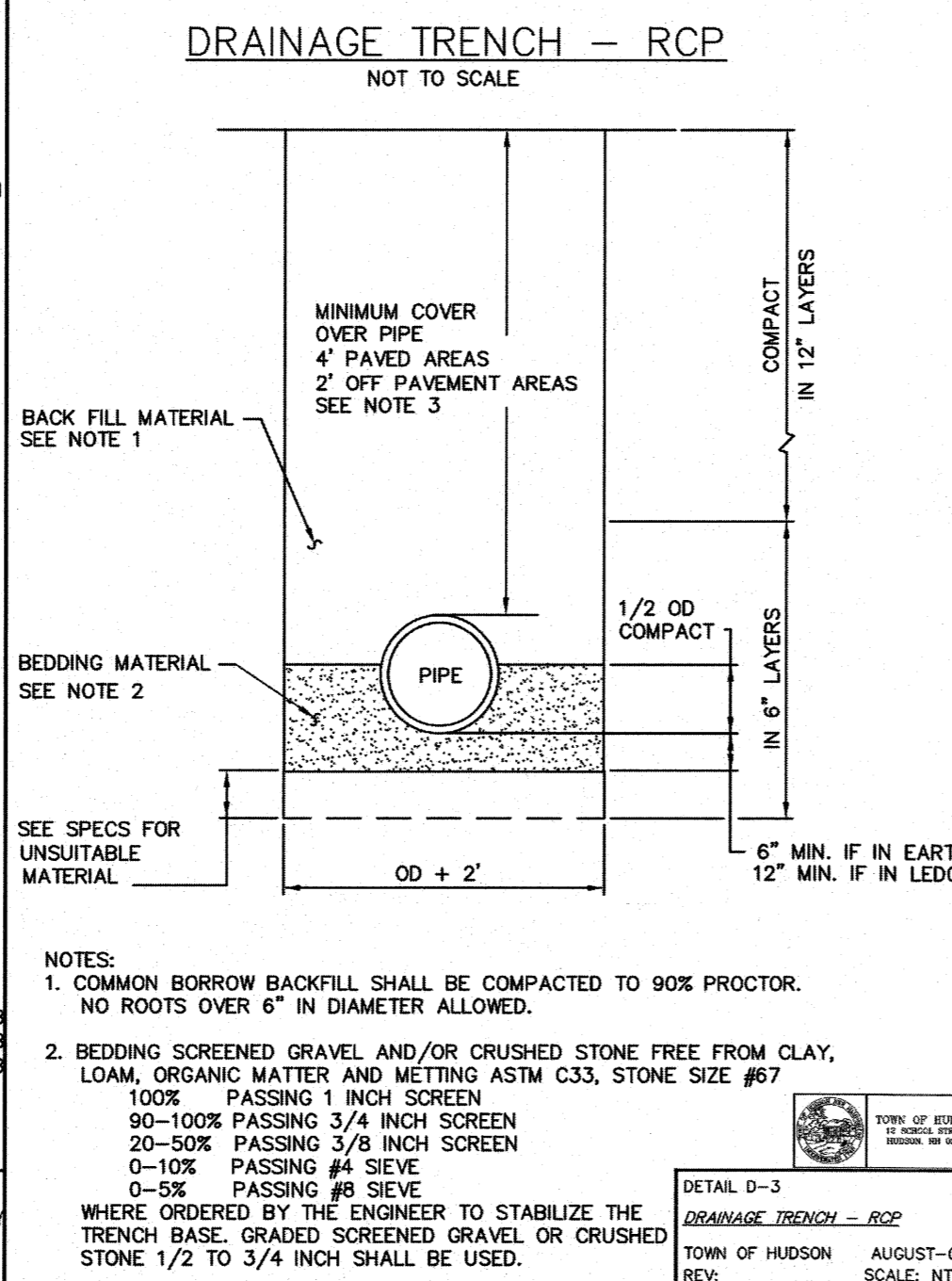
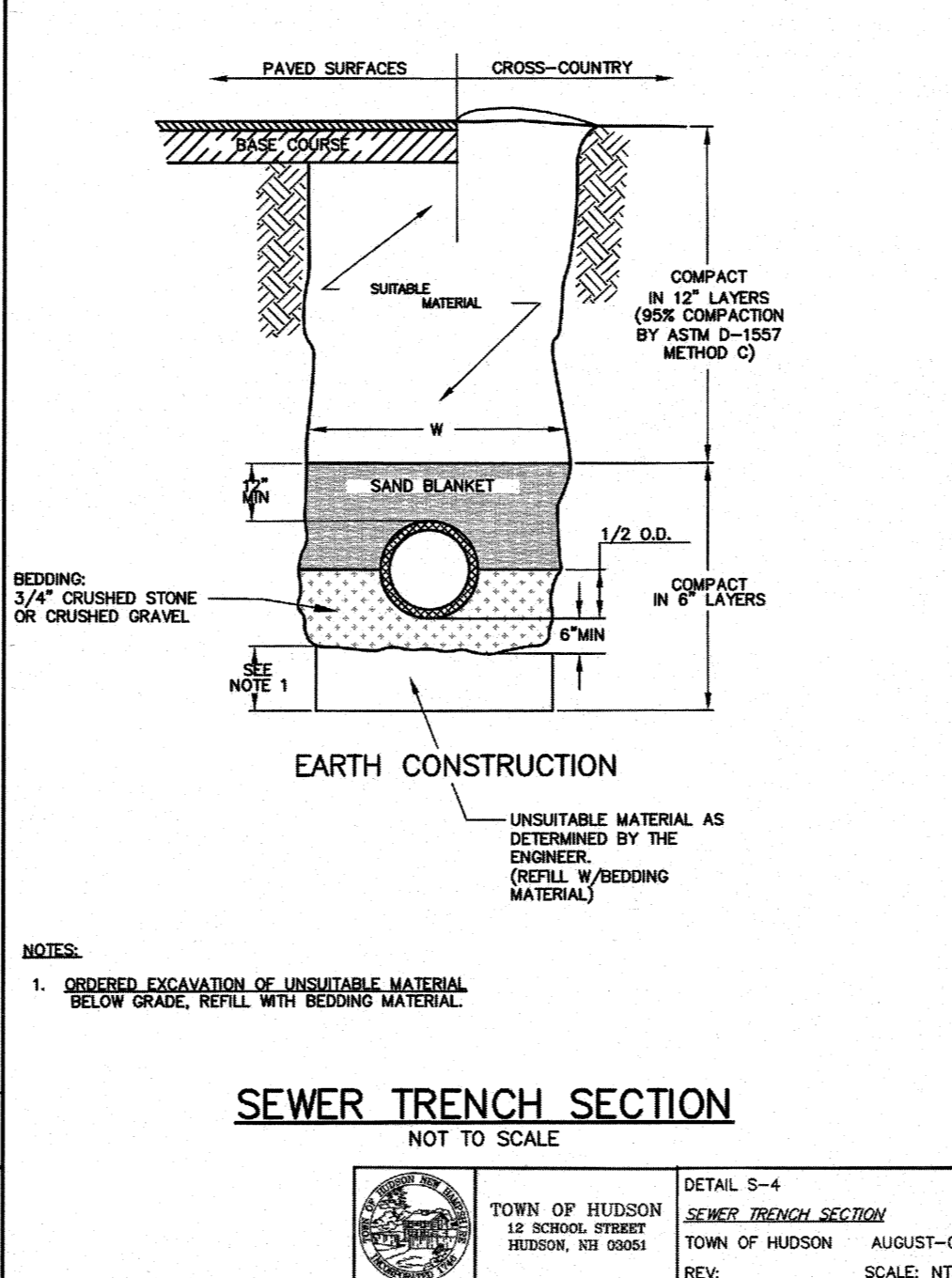
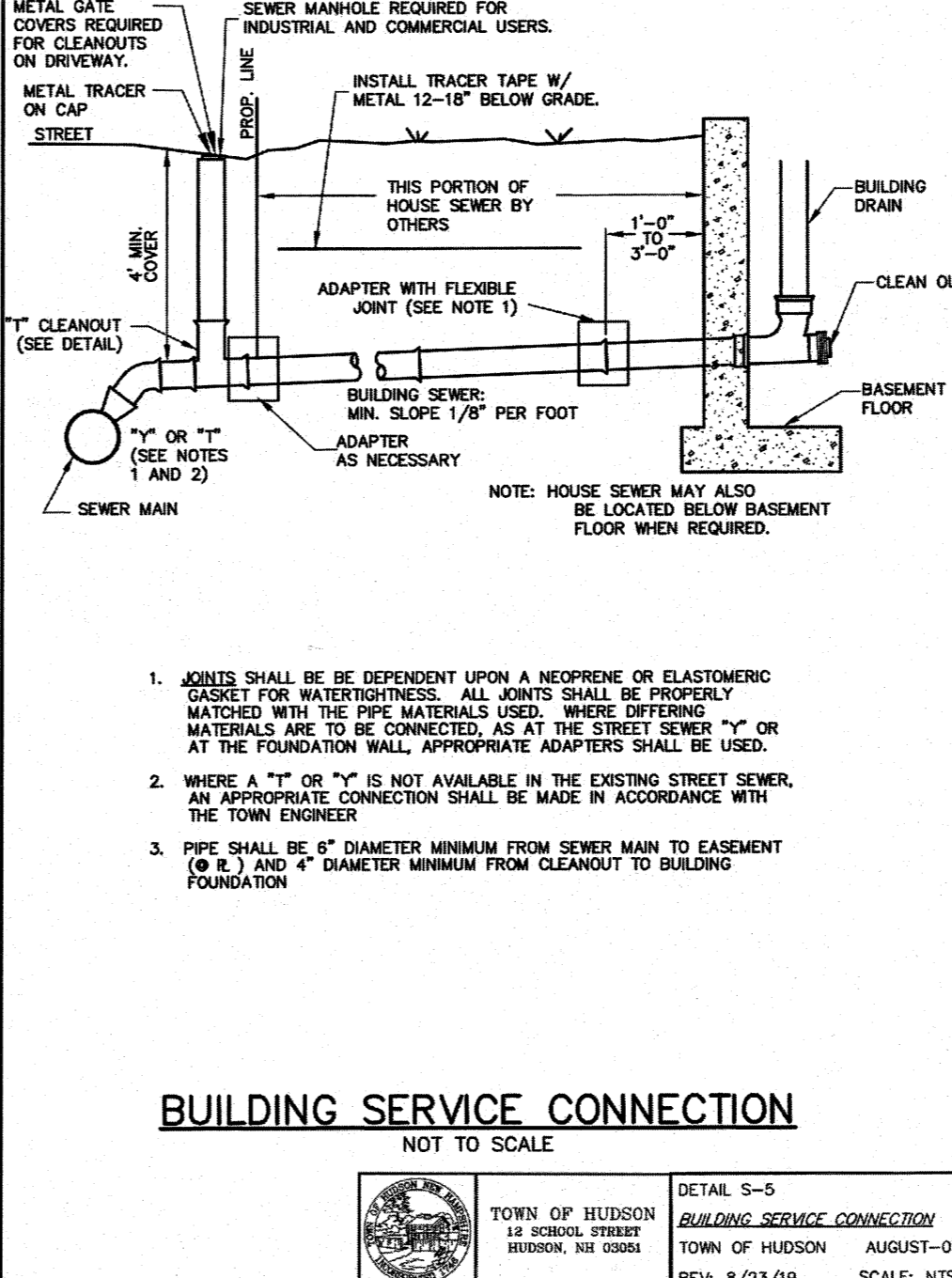
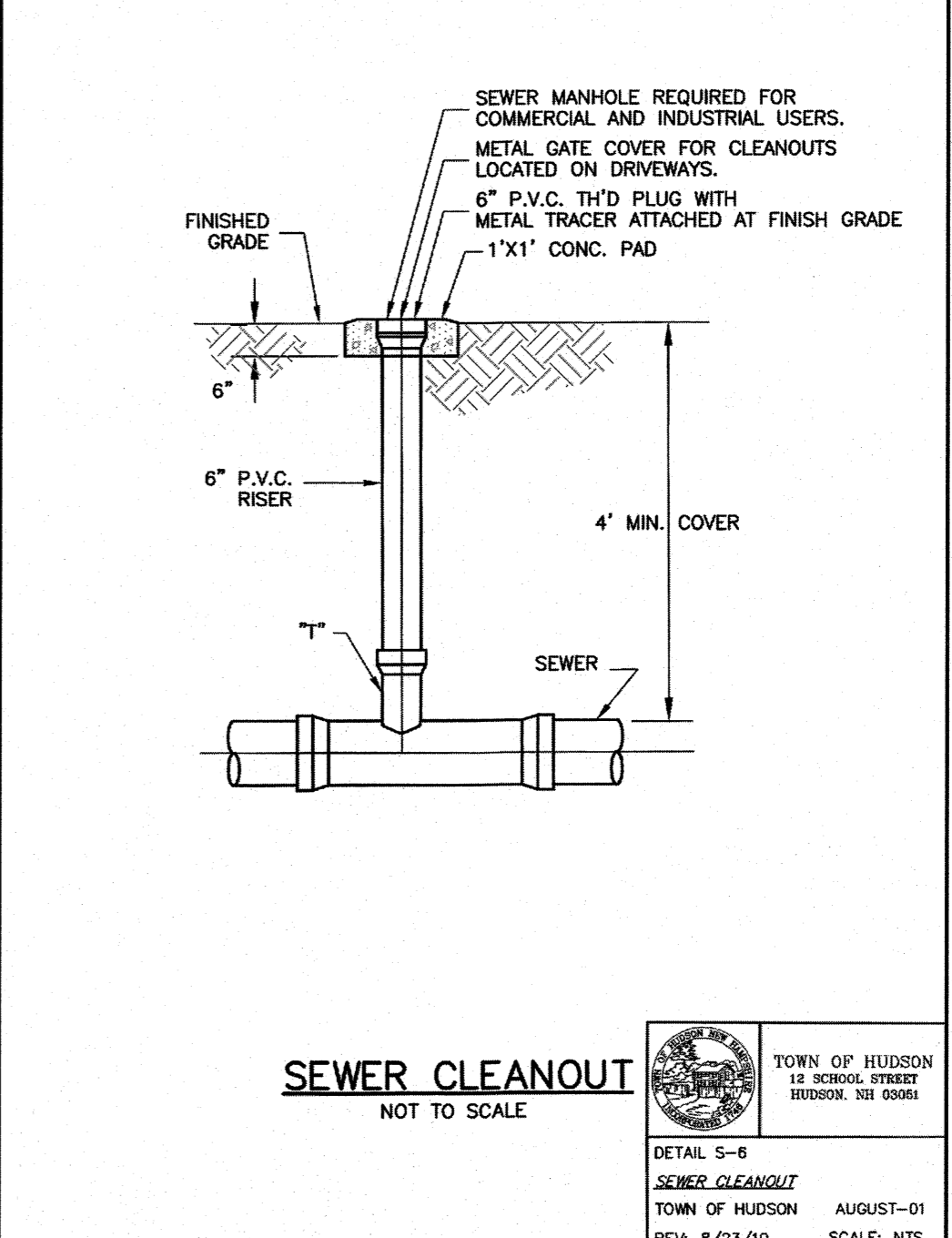
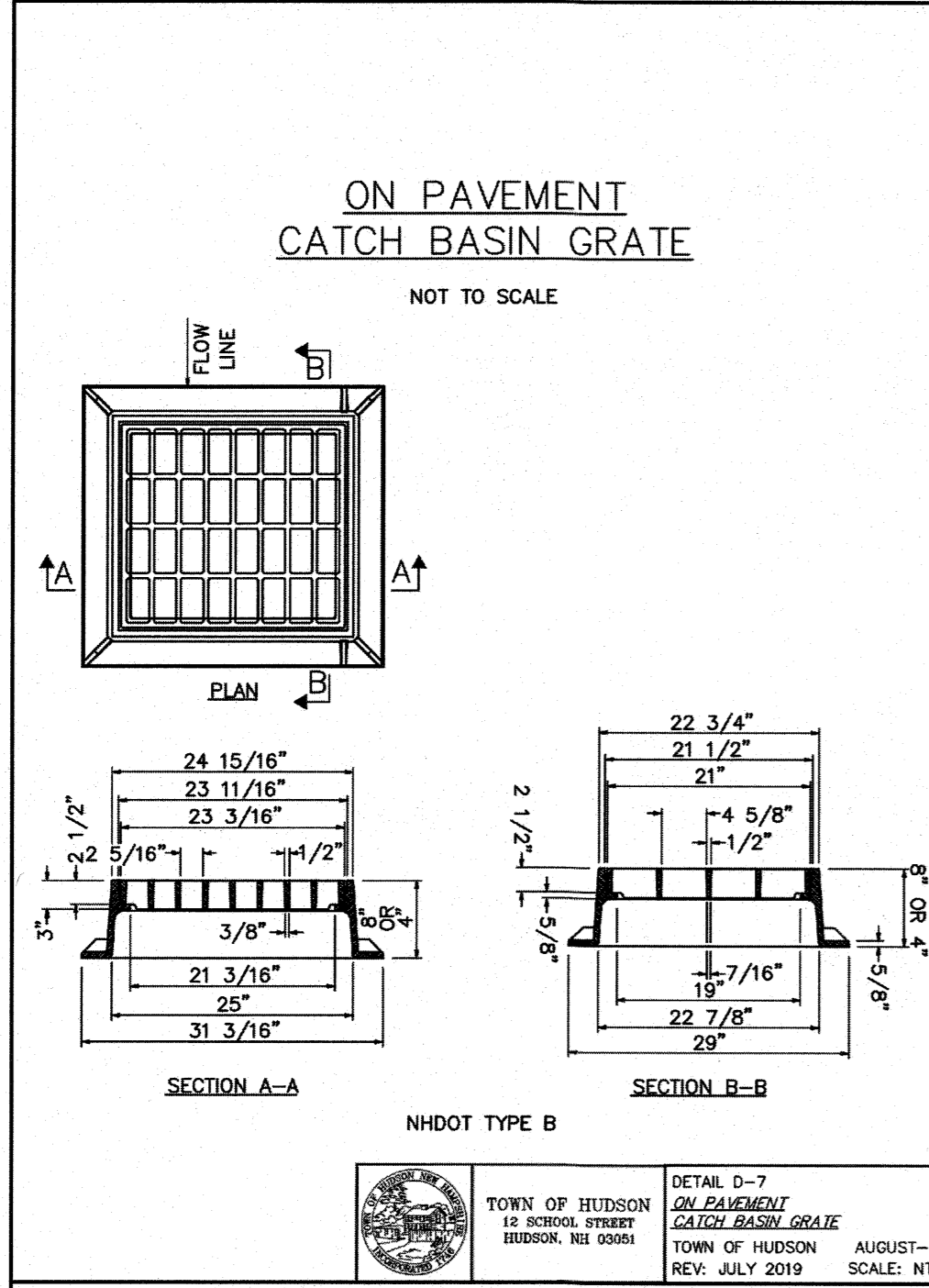
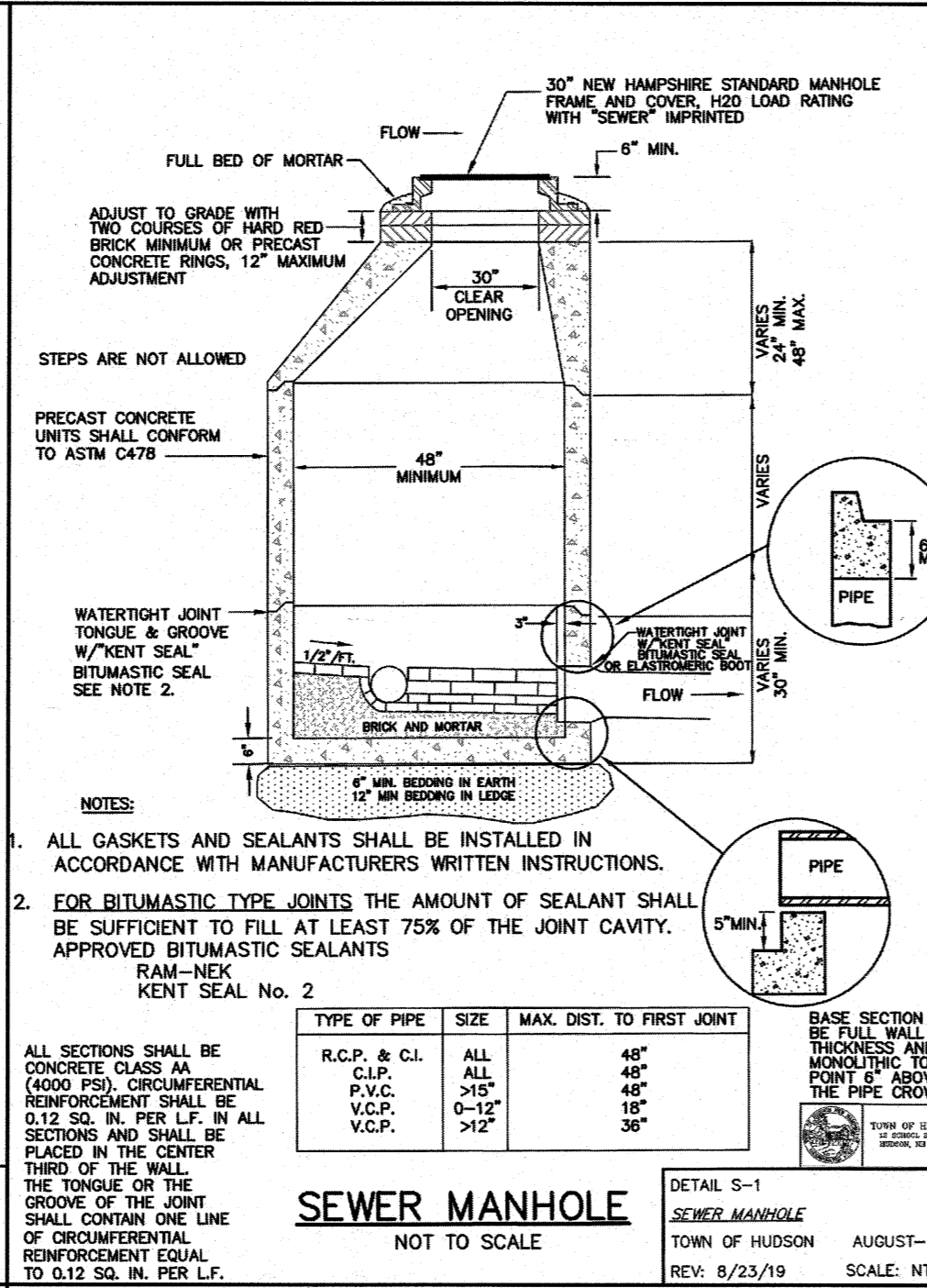
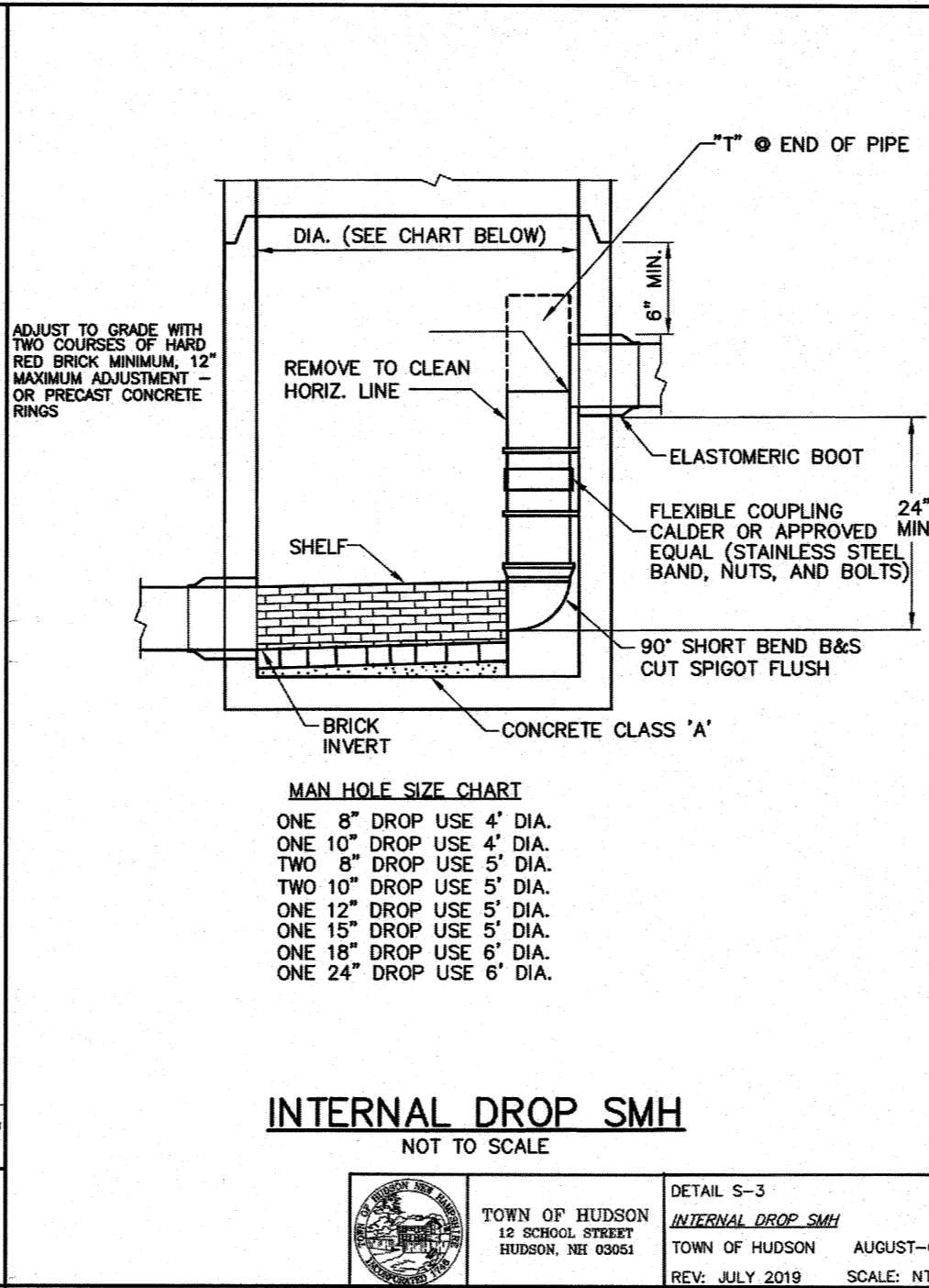
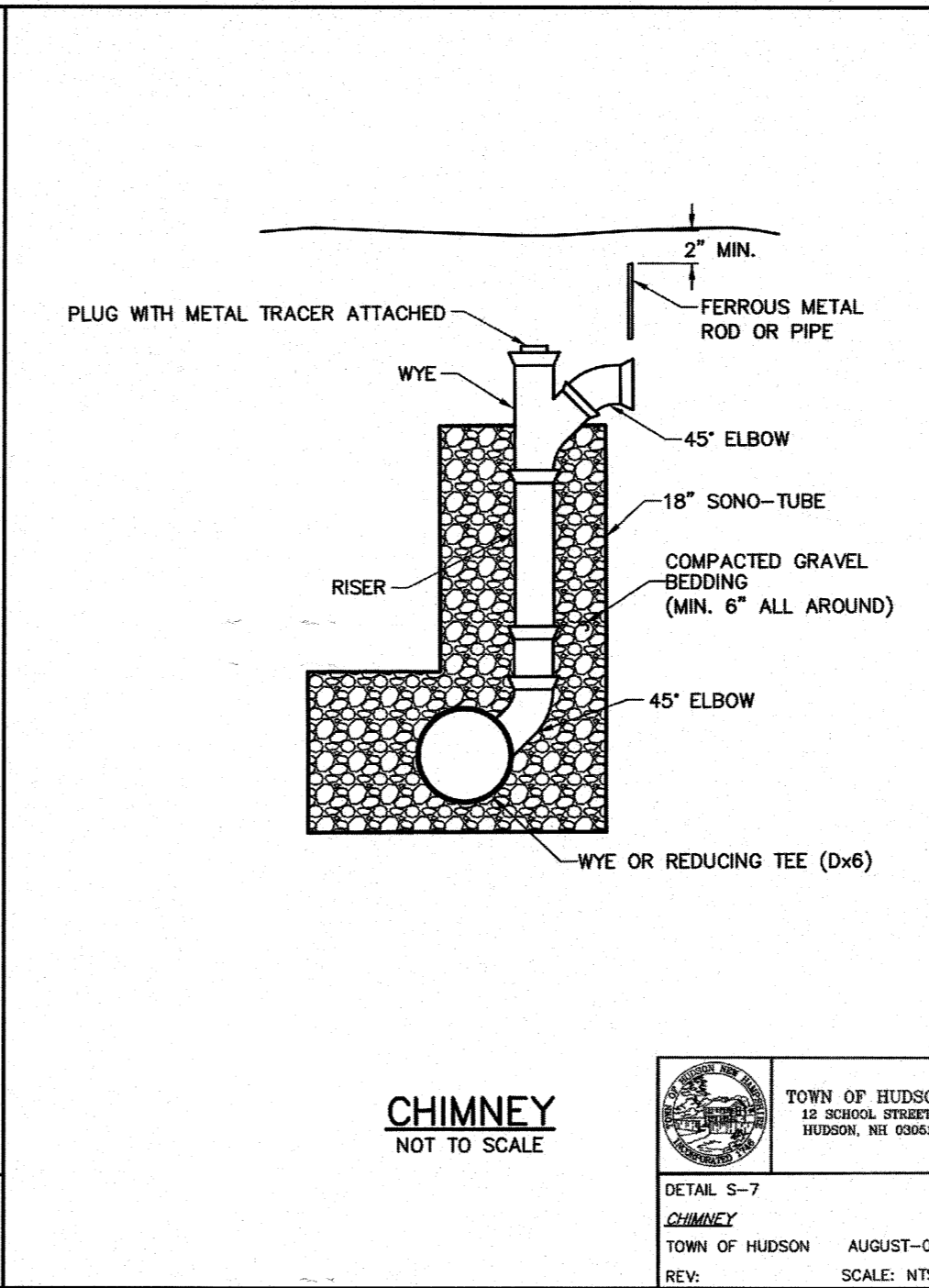
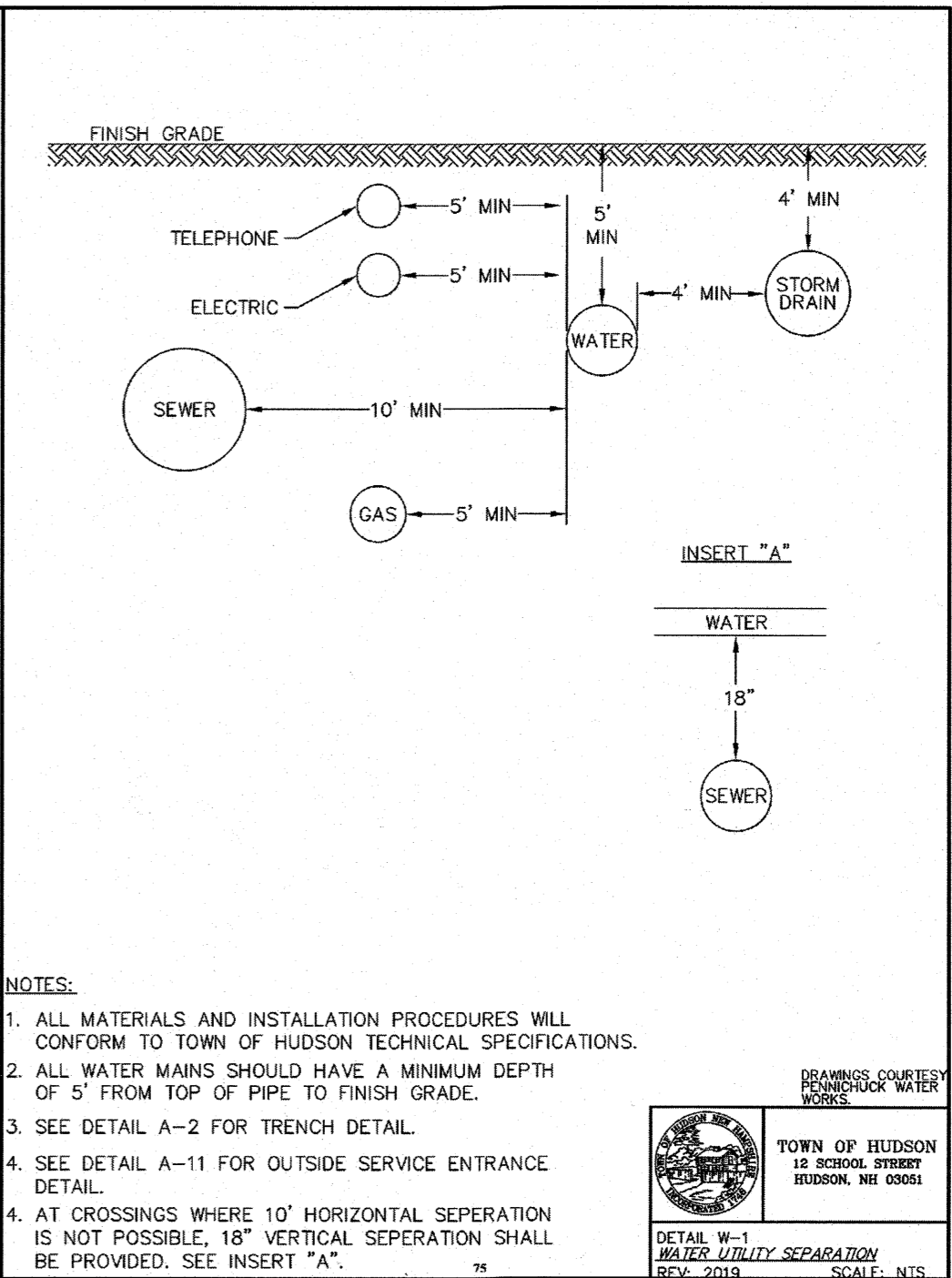
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1	REV. DRAINAGE MANHOLE	3/1/24
NOVEMBER 20, 2023		
DRAWN/DESIGN BY	CNM	CHECKED BY DRJ

CONSTRUCTION DETAILS

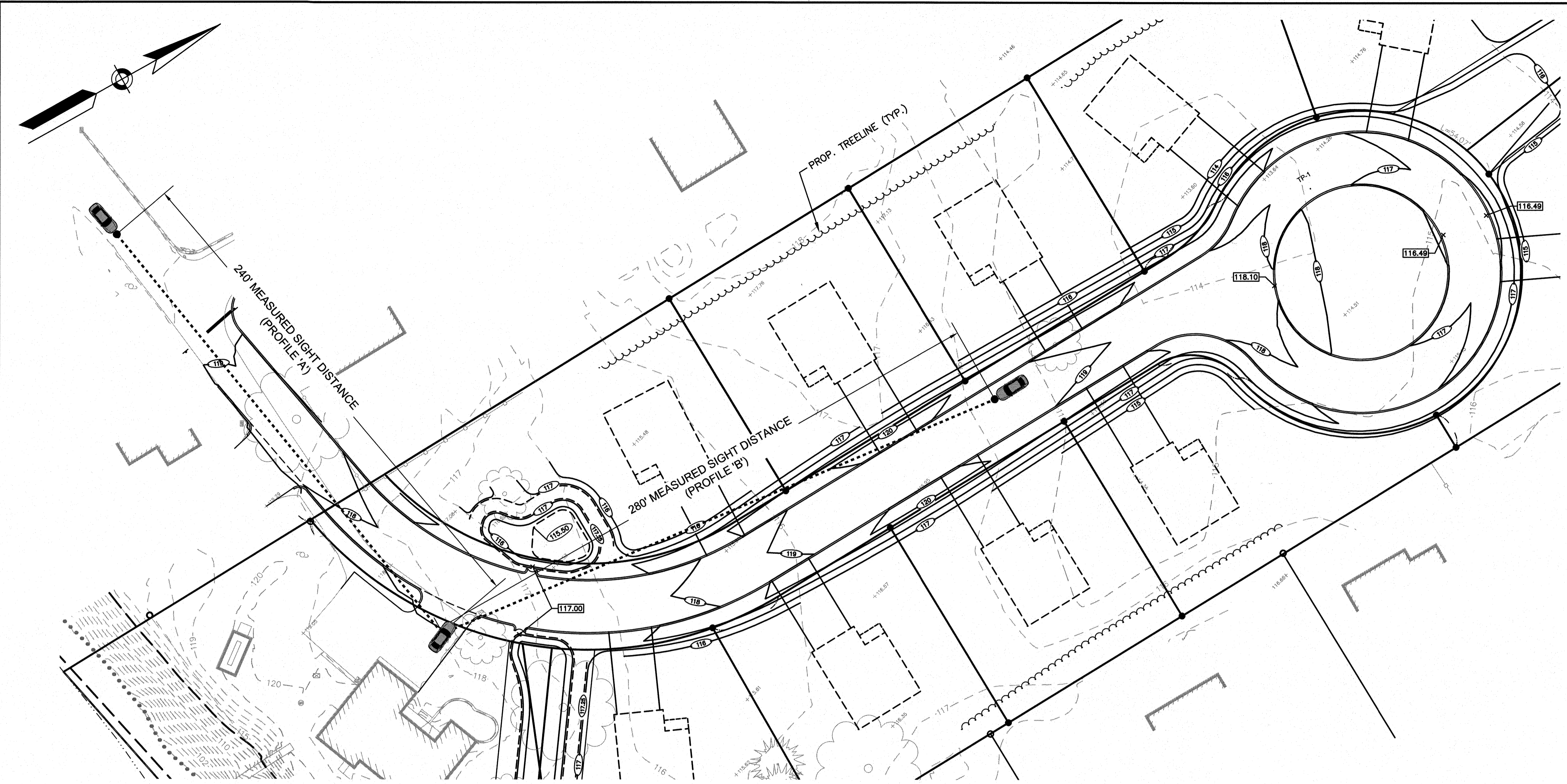
SCALE: AS SHOWN
 PROJECT NO. NEX-2300191



APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____
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 SIGNATURE _____ DATE _____
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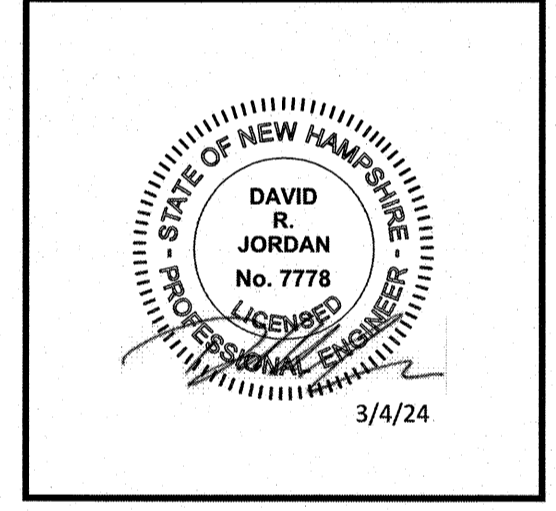
PLAN
SCALE: 1"=30'

- NOTES:**
- ELEVATIONS ARE BASED ON NAVD 1988 DATUM.
 - SAFE SIGHT DISTANCE WAS CALCULATED WITH AASHTO INTERSECTION SIGHT DISTANCE REQUIREMENTS ASSUMING A 25 MPH SPEED LIMIT ON CAMPBELLO STREET AND THE PROPOSED NEW ROAD.

GPI Engineering
Design
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Construction Management
603.893.0720 GPINET.COM
Greenman-Pedersen, Inc.
44 Stiles Road, Suite One
Salem, NH 03079

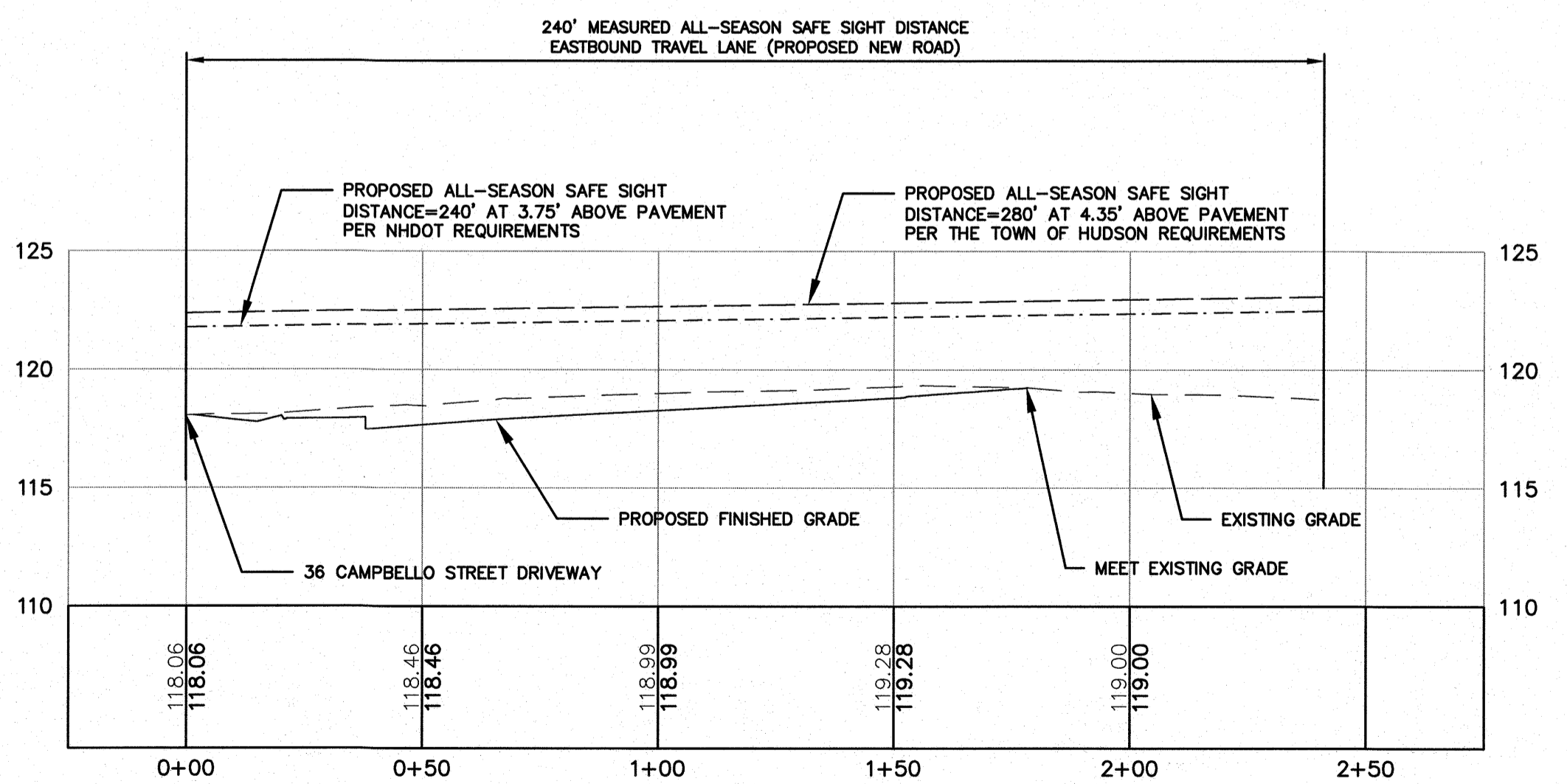
PREPARED FOR
SOUSA REALTY &
DEVELOPMENT CORP.
46 LOWELL ROAD
HUDSON, NH 03051

ASSESSOR MAP 165 LOT 49
36 CAMPBELLO STREET
HUDSON, NEW HAMPSHIRE

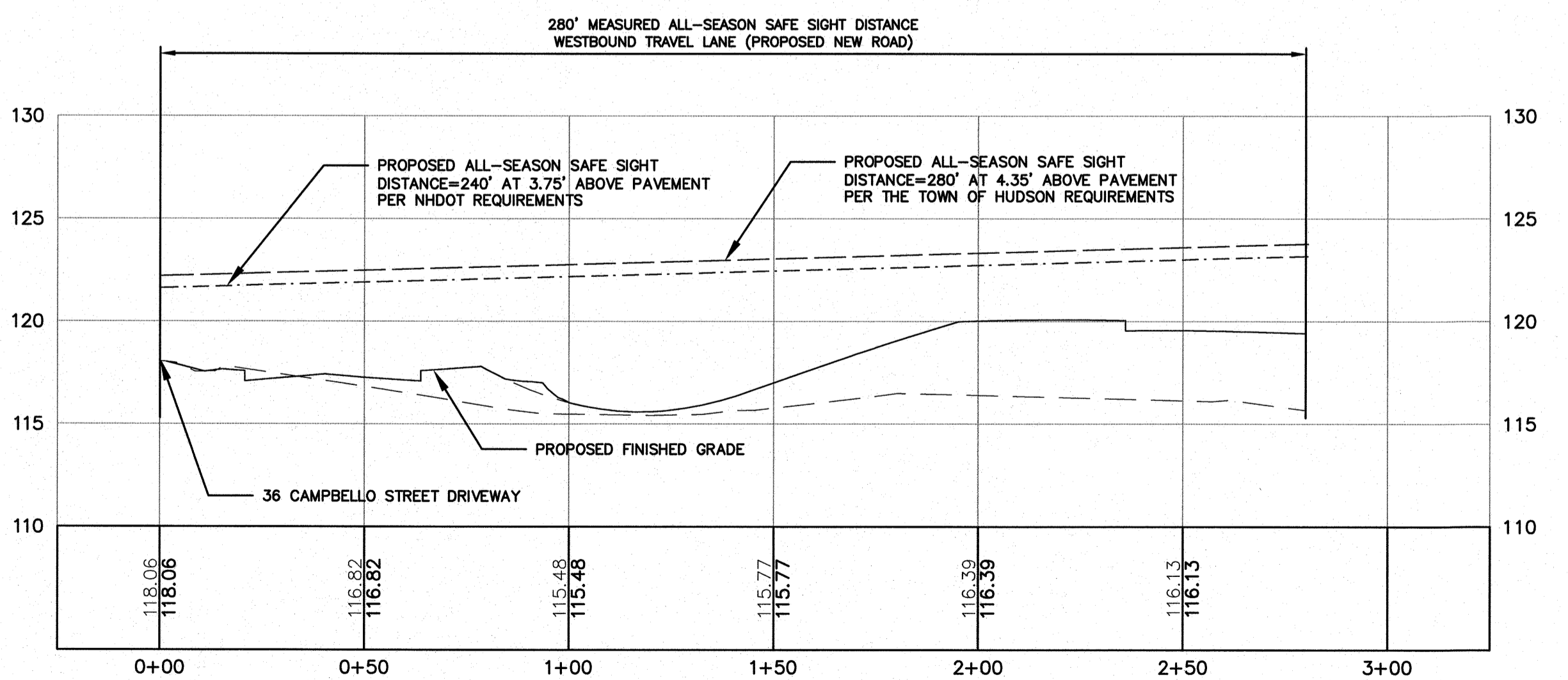


REVISIONS		
NO.	REVISION	DATE

MARCH 1, 2024
DRAWN/DESIGN BY: SMS CHECKED BY: DRJ

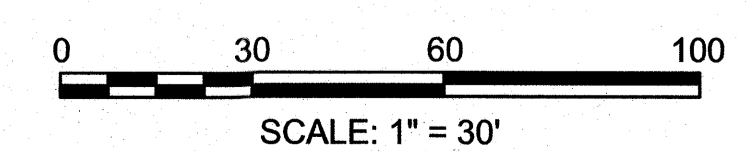


PROFILE 'A'
SCALE: 1"=30'H/5'V



PROFILE 'B'
SCALE: 1"=30'H/5'V

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SIGHT LINE PLAN AND PROFILE (36 CAMPBELLO ST)
SCALE: 1"=30'
PROJECT NO. NEX-2300191
1 OF 1