

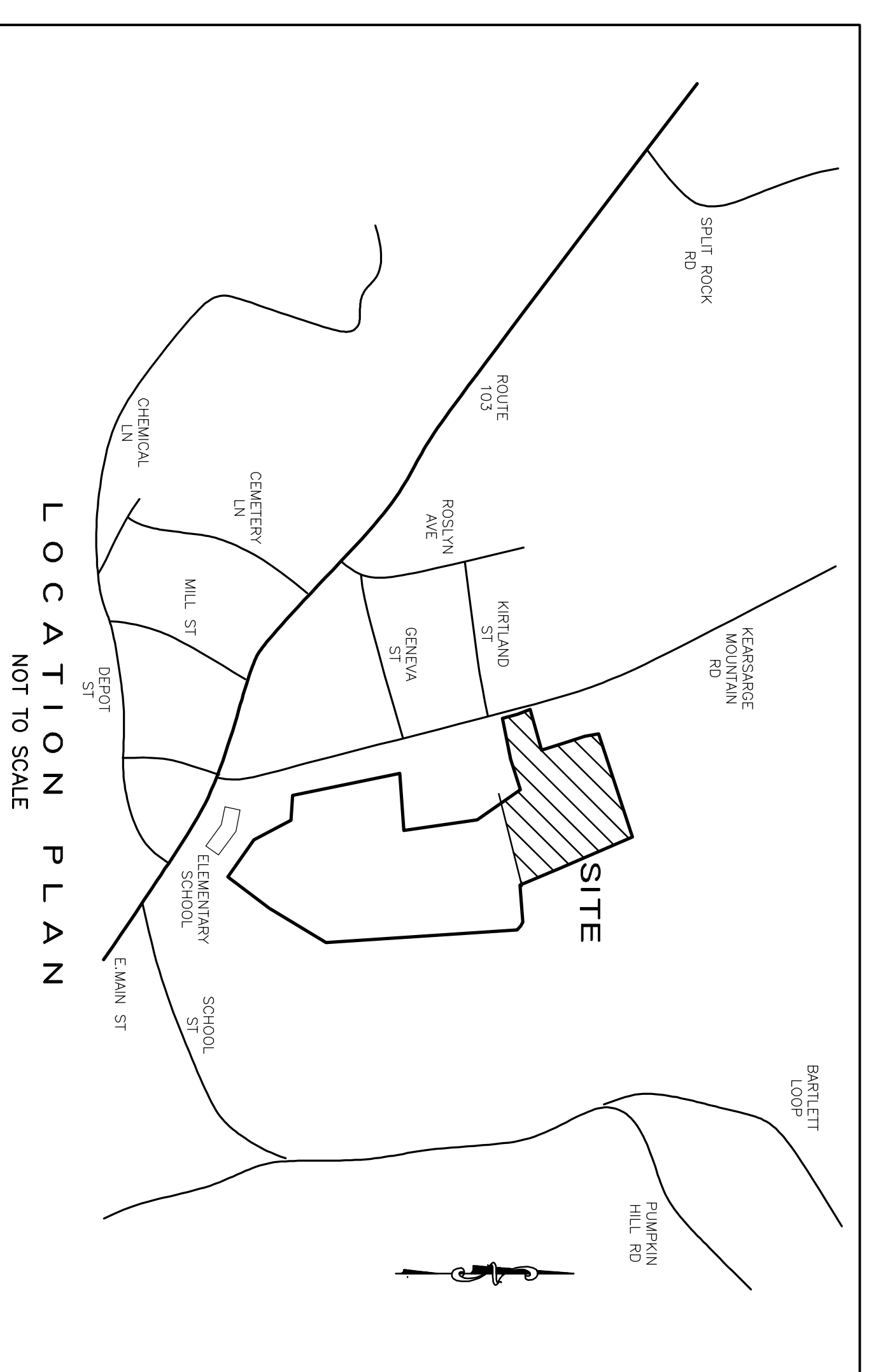
RESIDENTIAL LAND SUBDIVISION

LOCATED AT

TAX MAP 33 LOT 18 KEARSARGE MOUNTAIN ROAD WARNER, NEW HAMPSHIRE MERRIMACK COUNTY

Symbols Legend:

	10 FT CONTOUR		EXISTING CATCH BASIN
	2 FT CONTOUR		PROP. CATCH BASIN
	STONE WALL		RIP RAP APRON
	PROPOSED DITCH		BASIN BERM
	EXISTING DITCH		SILT FENCE
	WETLAND		STONE CHECK DAM
	PROP. DRAIN LINE		SPOT ELEVATION
	TEST PIT		FLOW DIRECTION
	PERC TEST		PROPOSED GRADE CONTOUR
	OVERHEAD WIRES		PROPOSED EARTH DIVERSION BERM
	BUILDING SETBACK LINE (T.B.R.) TO BE REMOVED		TREELINE



CONSULTANTS:

Licensed Land Surveyor
J.E. Belanger Land Surveying, PLLC.
61 Old Hopkinton Road
Dunbarton, NH 03046
Phone: (603) 774-3601

Certified Soil Scientist
Fenverta Mapping, LLC
43 Bartlett Hill Road,
Deering, NH, 03244

THE LOCATION OF ANY UTILITY INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE AND THE CONTRACTOR SHALL VERIFY THE ACCURACY OF THE INFORMATION PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ANY UTILITIES WHETHER THEY BE ABOVE OR BELOW GROUND. PRIOR TO ANY EXCAVATION ON SITE THE CONTRACTOR SHALL CONTACT DIG SAFE AT 1-800-DIG-SAFE.



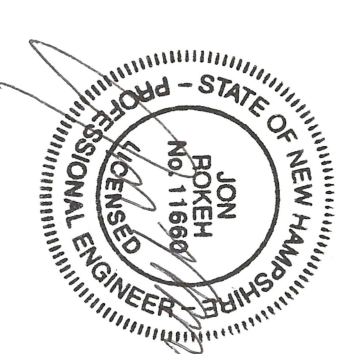
CONTACT DIG SAFE 72 HOURS
PRIOR TO CONSTRUCTION

DATE	DESCRIPTION	BY

APPROVED BY THE TOWN OF WARNER NH PLANNING BOARD

CHAIRPERSON / VICE CHAIRPERSON
DATE

Owner / Applicant:
Sydney Elizabeth Boyer
Kearsarge Mountain Road
Warner, NH 03278



JUNE 28, 2023

Sheet Index:

DWG NO.	DESCRIPTION
1	COVER
2	100 SCALE EXISTING CONDITIONS PLAN
3-6	SUBDIVISION PLAN PLANS
7	GRADE DRAINAGE AND EC
8	UTILITY PLAN
9	ROAD PROFILE
10	SIGHT DISTANCE PLAN & PROFILE
11-16	CONST. DETAILS

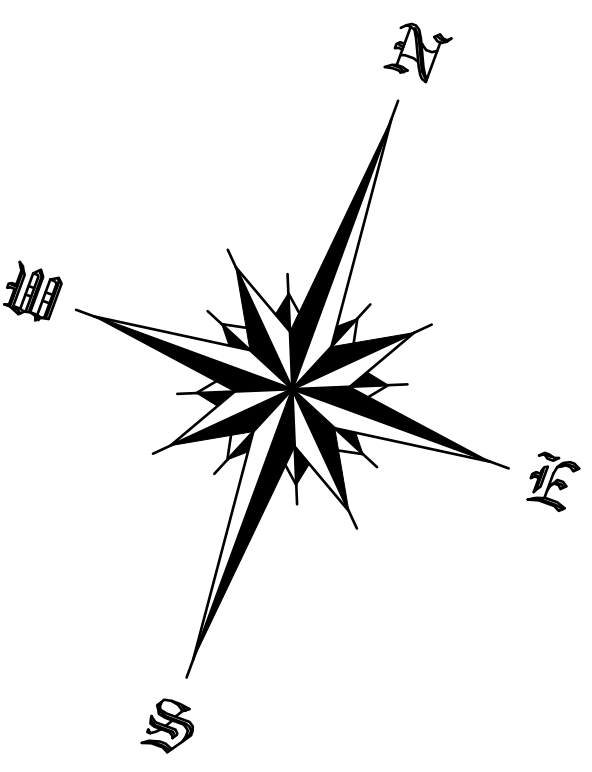
Agency Approvals

NHDES - SEWER SYSTEM APPROVAL # P E N D I N G
WATER SYSTEM APPROVAL # P E N D I N G

NOTE:

- ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE TOWN OF WARNER REGULATIONS, AND THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
- ELEVATIONS ARE BASED ON NGVD 29 DATUM.
- PHYSICAL EVIDENCE OF EXISTING UTILITIES WERE LOCATED ON THE GROUND HOWEVER PRIOR TO ANY CONSTRUCTION IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT DIG-SAFE AND VERIFY ALL UNDERGROUND AND OVERHEAD UTILITY LOCATIONS.

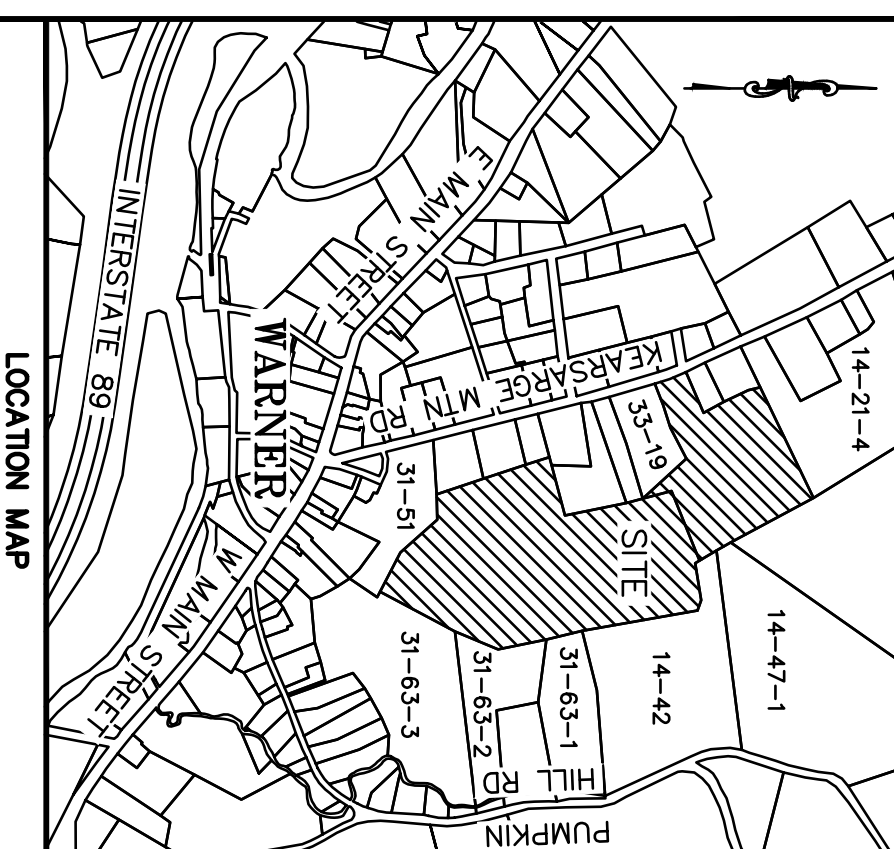
DESIGN ENGINEER:
Rokeh Consulting, LLC
89 KING ROAD, CHICHESTER, NH
PH: 603-387-8688



MAP 14 LOT 42
WARNER FISH AND GAME
PO BOX 58
WARNER, NH 03278
BOOK 713 PAGE 234

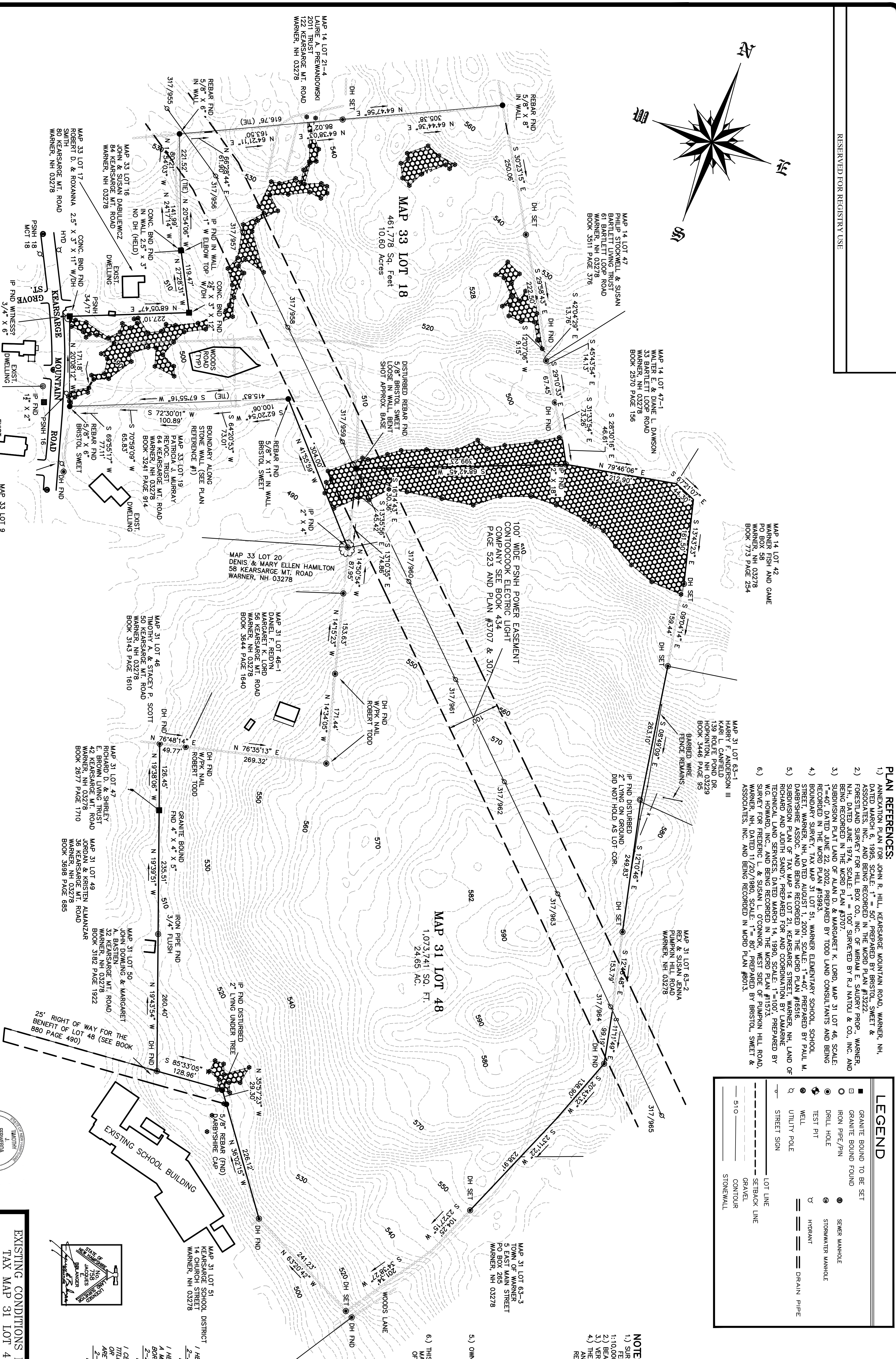
- PLAN REFERENCES:**
- 1) ANNEXATION PLAN FOR JOHN R. HILL, KEARSARGE MOUNTAIN ROAD, WARNER, NH, DATED MARCH 6, 1995, SCALE: 1" = 50', PREPARED BY BRISTOL SWEET & ASSOCIATES, INC. AND BEING RECORDED IN THE WORD PLAN #1522.
 - 2) DEED TO KEARSARGE MOUNTAIN ROAD, COLON, SUPERVISED BY R.J. MAYOU & CO., INC. AND BEING RECORDED IN THE WORD PLAN #3707.
 - 3) SUBDIVISION PLAN OF ALAN D. & MARGARET K. LORD, MAP 31 LOT 46, SCALE: 1"=40', DATED JUNE 22, 2002, PREPARED BY TUDOU LAND CONSULTANTS AND BEING RECORDED IN THE WORD PLAN #1993.
 - 4) RECORDED IN THE WORD PLAN #1993.
 - 5) RICHARD AND JUDITH SANDY, PREPARED FOR AND COORDINATION BY LAMARNE DABYSHIRE ASSOC. AND BEING RECORDED IN THE WORD PLAN #1816.
 - 6) SURVEY FOR FREDERIC L. & SUSAN L. O'CONNOR, WEST SIDE OF PUMPKIN HILL ROAD, WARNER, NH, DATED 11/20/1980, SCALE: 1" = 80', PREPARED BY BRISTOL SWEET & ASSOCIATES, INC. AND BEING RECORDED IN WORD PLAN #9013.

- LEGEND**
- | | |
|-----------|-------------------------|
| ■ | GRANITE BOUND TO BE SET |
| ● | IRON PIPE/PIN |
| ○ | DRILL HOLE |
| ⊙ | SEWER MANHOLE |
| ⊕ | TEST PIT |
| ⊗ | WELL |
| ⊚ | UTILITY POLE |
| ⊛ | STORMWATER MANHOLE |
| ⊜ | HYDRANT |
| ⊝ | DRAIN PIPE |
| — | STREET SIGN |
| - - - - | LOT LINE |
| ⋯⋯⋯ | SEBACK LINE |
| - - - - - | GRAVEL |
| ⋯⋯⋯ | CONTOUR |
| ⋯⋯⋯ | STONEWALL |

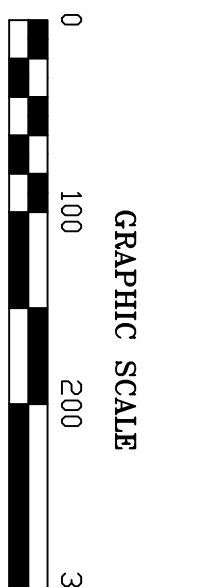


NOTES:

- 1) STATION BY TOTAL STATION WAS MADE BY THIS COMPANY BETWEEN FEBRUARY 9-11, 2022 WITH AN ERROR OF LESS THAN 1:10,000.
- 2) BEARINGS ARE BASED ON NH STATE GRID COORDINATES.
- 3) VERTICAL DATUM IS BASED ON NGVD 88.
- 4) THESE ARE QUOTE LOCATED IN THE EDUQUO GREYSTY RESIDENTIAL DISTRICT REGULATIONS.
- 5) MINIMUM BUILDABLE AREA = 2 ACRES (LOTS WITHOUT TOWN SEWER) MINIMUM LOT FRONTAGE = 200' (LOTS WITHOUT TOWN SEWER) MINIMUM BUILDABLE AREA = 40,000 SQ. FT. (LOTS WITH TOWN SEWER) MINIMUM LOT FRONTAGE = 120' (LOTS WITH TOWN SEWER) ALL STRUCTURE SETBACKS = 25' FROM AN ABUTTERS PROPERTY LINE MAJOR SUBDIVISION: 40' FROM EDGE OF PUBLIC ROW
- 6) THIS LAND IS NOT LOCATED IN A FLOOD ZONE PER FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NUMBER 3301300287E HAVING AN EFFECTIVE DATE OF APRIL 19, 2010.



NO.	REVISION	DATE



CERTIFICATIONS

I HEREBY CERTIFY THAT THIS MAP HAS BEEN MADE UNDER MY SUPERVISION
 2-22-22
 LICENSED LAND SURVEYOR

I HEREBY CERTIFY THIS PLAN IS BASED ON AN ACTUAL FIELD SURVEY & HAS A MAXIMUM ERROR OF CLOSURE OF 1:10,000 ON ALL PROPERTY LINES IN & BORDERING THE SUBJECT PROPERTY.
 2-22-22
 DATE

I CERTIFY THAT THIS SURVEY PLAN IS NOT A SUBDIVISION PURSUANT TO THIS TITLE & THAT THE LINES OF STREETS & WAS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED & THAT NO NEW WAYS
 2-22-22
 DATE
 LICENSED LAND SURVEYOR

EXISTING CONDITIONS PLAN
 TAX MAP 31 LOT 48 & MAP 33 LOT 18

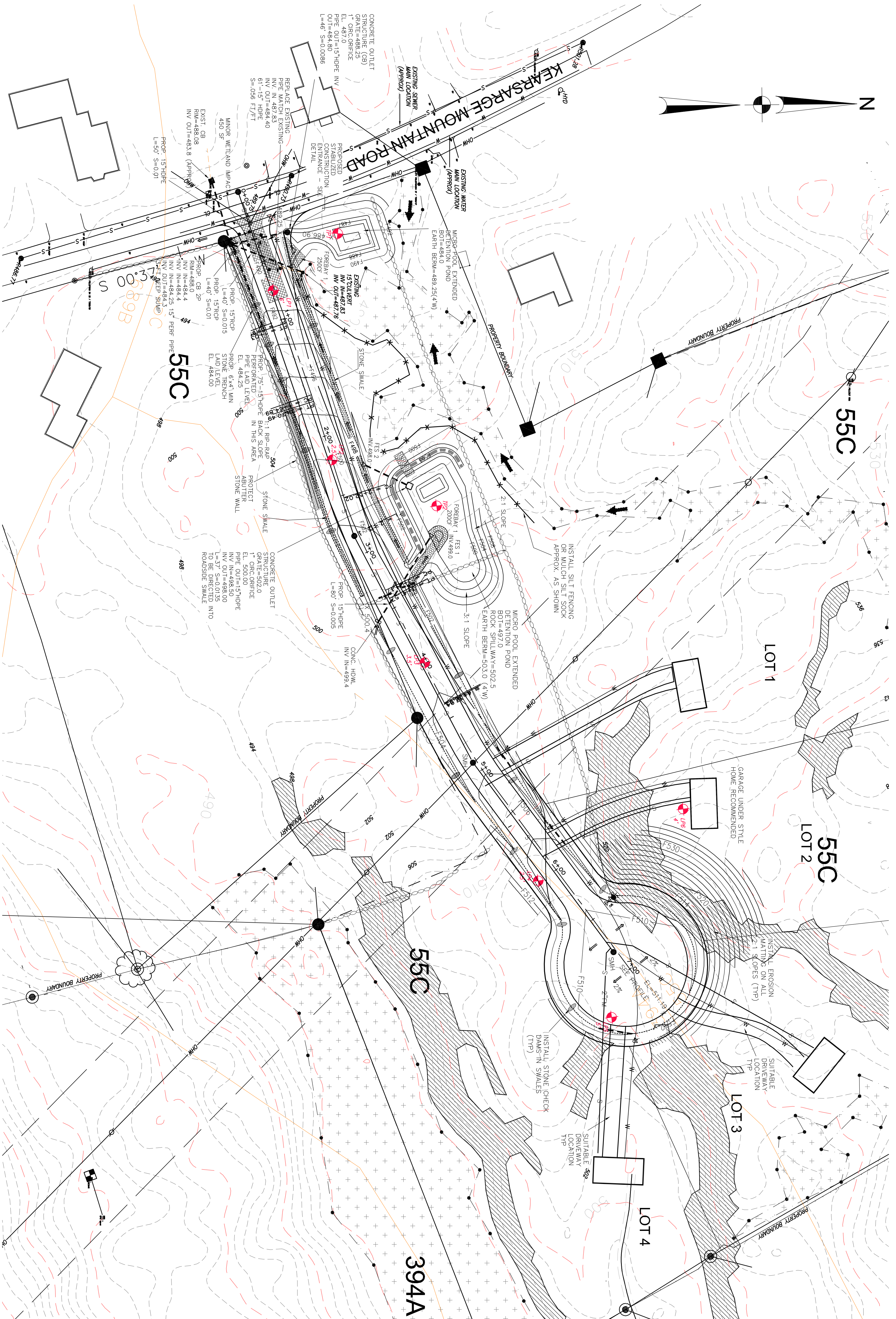
OWNER OF RECORD:
 SYDNEY ELIZABETH BOYER

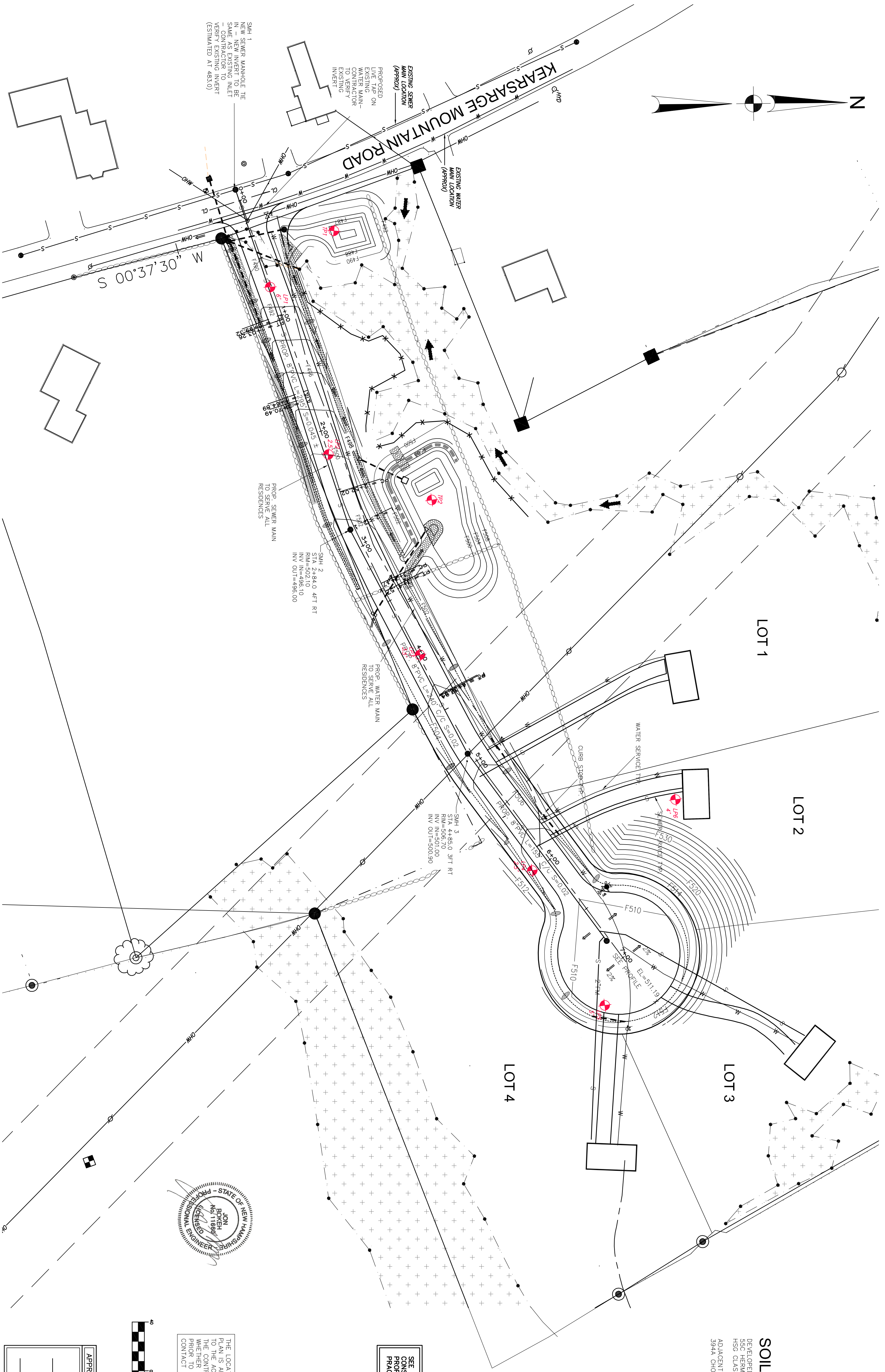
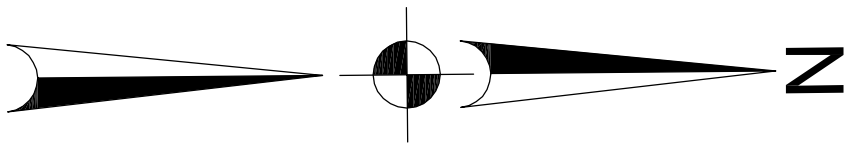
KEARSARGE MOUNTAIN ROAD
 WARNER, NH
 MERRIMACK COUNTY

KEARSARGE MOUNTAIN ROAD
 WARNER, NEW HAMPSHIRE
 MERRIMACK COUNTY

J.E. BELANGER LAND SURVEYING, PLLC
 LICENSED LAND SURVEYOR
 61 OLD HOPKINSON ROAD, DUNBARTON, NH 03046
 * BOUNDARY SURVEYS
 * SUBDIVISIONS
 * LAND PLANNING
 * SEPTIC DESIGN

PLAN DATE: FEBRUARY 22, 2022
 SCALE: 1" = 100'
 PROJECT NO.: 222297
 SHEET 1 OF 1





SM# 1
SEWER MAIN - THE
NEW SEWER MAIN TO BE
INSTALLED SHALL BE
SAME AS EXISTING INLET
- CONTRACTOR TO
VERIFY EXISTING INVERT
(ESTIMATED AT 453.0)

PROPOSED
LIVE TAP ON
EXISTING
WATER MAIN -
WATER MAIN -
TO EFFECT
TO EXISTING
INVERT

EXISTING WATER
MAIN LOCATION
(APPROX)

EXISTING SEWER
MAIN LOCATION
(APPROX)

PROP. SEWER MAIN
TO SERVE ALL
RESIDENCES

PROP. WATER MAIN
TO SERVE ALL
RESIDENCES

SM# 2
STA 2+84.0 4FT RT
RIM=502.10
INV IN=496.10
INV OUT=496.00

SM# 3
STA 4+85.0 3FT RT
RIM=506.70
INV IN=501.00
INV OUT=500.90

SM# 4
STA 4+95.0 3FT RT
RIM=506.70
INV IN=501.00
INV OUT=500.90

SOIL TYPES:
DEVELOPED AREA:
55C HERMON SANDY LOAM - 8-15% SLOPES, VERY STONY,
HS6 CLASS A
ADJACENT AREA: (NO CONSTRUCTION IS WITHIN THIS AREA)
39A CHOCORUA MUCKY PEAT - HS9 CLASS A

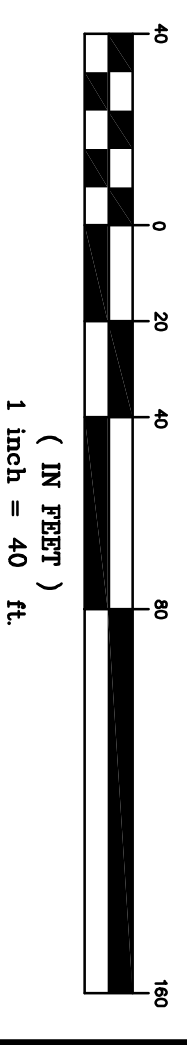
SEE DETAIL SHEETS FOR NOTES ABOUT
CONSTRUCTION SEQUENCE, AND PROCEDURES FOR
PROPER CONSTRUCTION AND EROSION CONTROL
PRACTICES.



CONTACT DIG SAFE 72 HOURS
PRIOR TO CONSTRUCTION

THE LOCATION OF ANY UTILITY INFORMATION SHOWN ON THIS
PLAN IS APPROXIMATE. THE ENGINEERS MAKE NO CLAIM
TO THE ACCURACY OR COMPLETENESS OF UTILITIES SHOWN,
WHETHER THEY BE ABOVE OR BELOW GROUND.
PRIOR TO ANY EXCAVATION ON SITE THE CONTRACTOR SHALL
CONTACT DIG SAFE AT 1-800-DIG-SAFE.

GRAPHIC SCALE



APPROVED BY THE WARNER NH PLANNING BOARD

CHAIRPERSON / VICE CHAIRPERSON

DATE

Owner / Applicant:
Sydney Elizabeth Boyer
Kearsarge Mountain Road
Warner, NH 03278

GRADING DRAINAGE AND EROSION CONTROL PLAN
TAX MAP 33 LOT 18

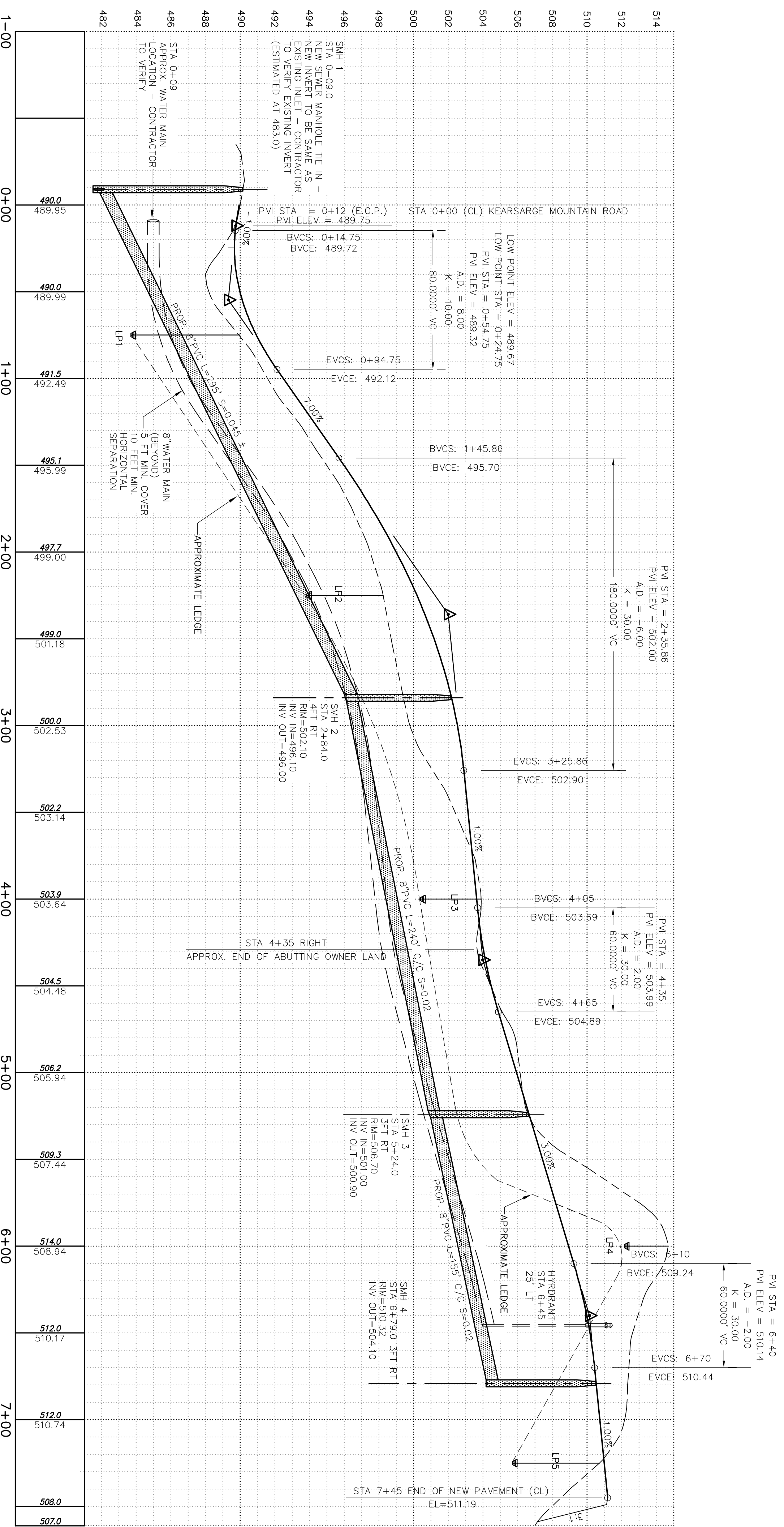
Kearsarge Mountain Road
Warner, New Hampshire

REVISIONS

DATE	DESCRIPTION	DWN BY	CK BY
7-24-24		JR	JR
	EDITS PER COMMENTS.		

Rokeh Consulting, LLC
89 KING ROAD, CHICHESTER, NH
PH: 603-387-8688

SCALE: 1"=40'
DATE: JUNE 28, 2023
DR. BY: JR CK. BY: JR
JOB NO. _____
SHEET NO. 8 OF 16

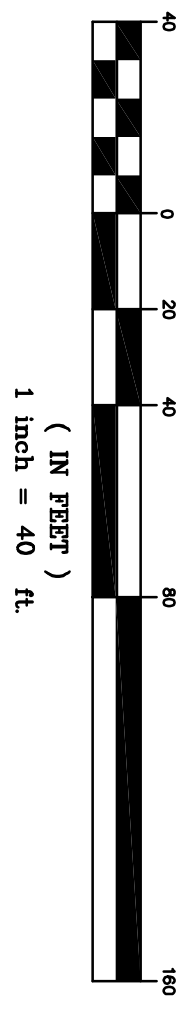


SEE DETAIL SHEETS FOR NOTES ABOUT CONSTRUCTION SEQUENCE, AND PROCEDURES FOR PROPER CONSTRUCTION AND EROSION CONTROL PRACTICES.



CONTACT DIG SAFE 72 HOURS PRIOR TO CONSTRUCTION

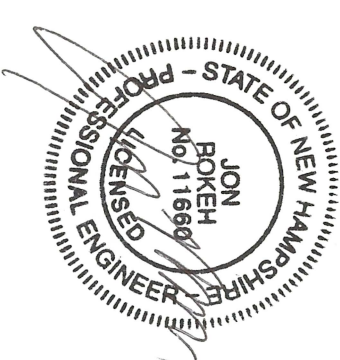
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APPROVED BY THE WARNER NH PLANNING BOARD

CHAIRPERSON / VICE CHAIRPERSON

DATE



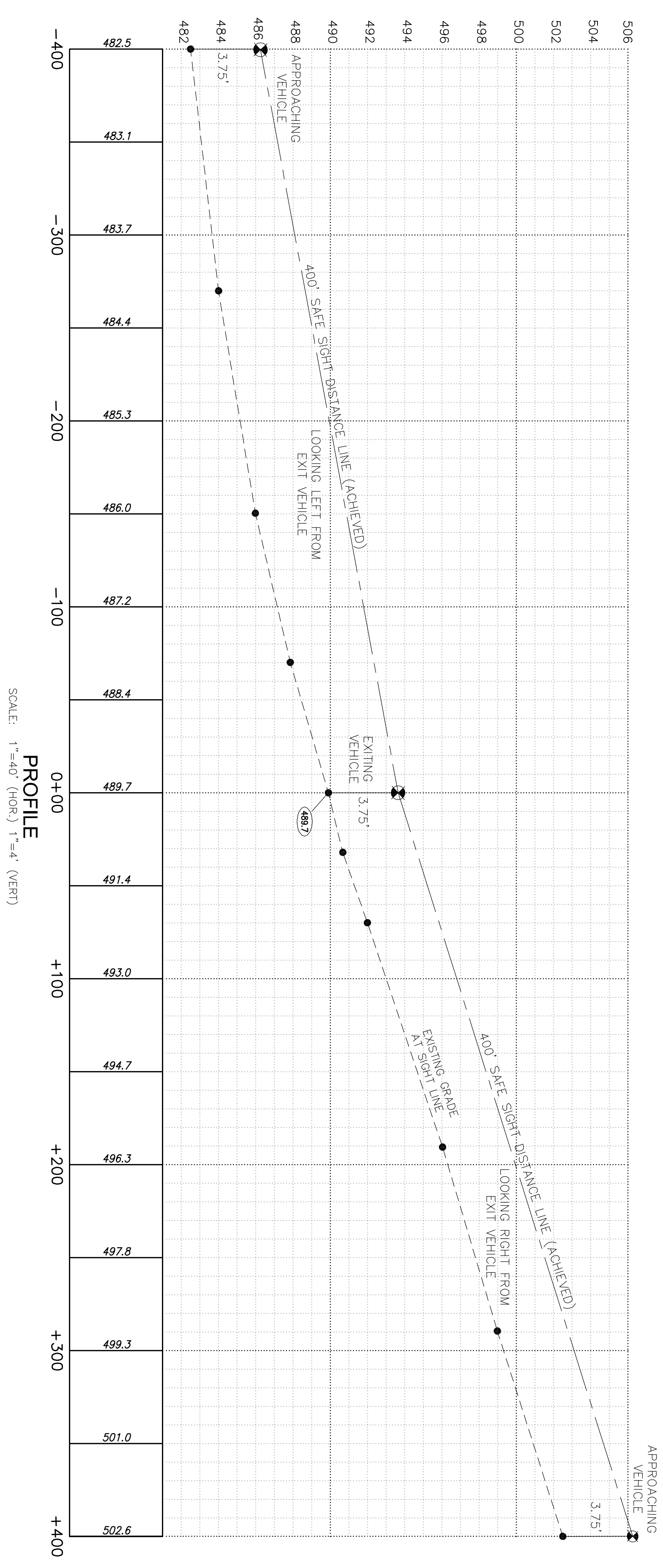
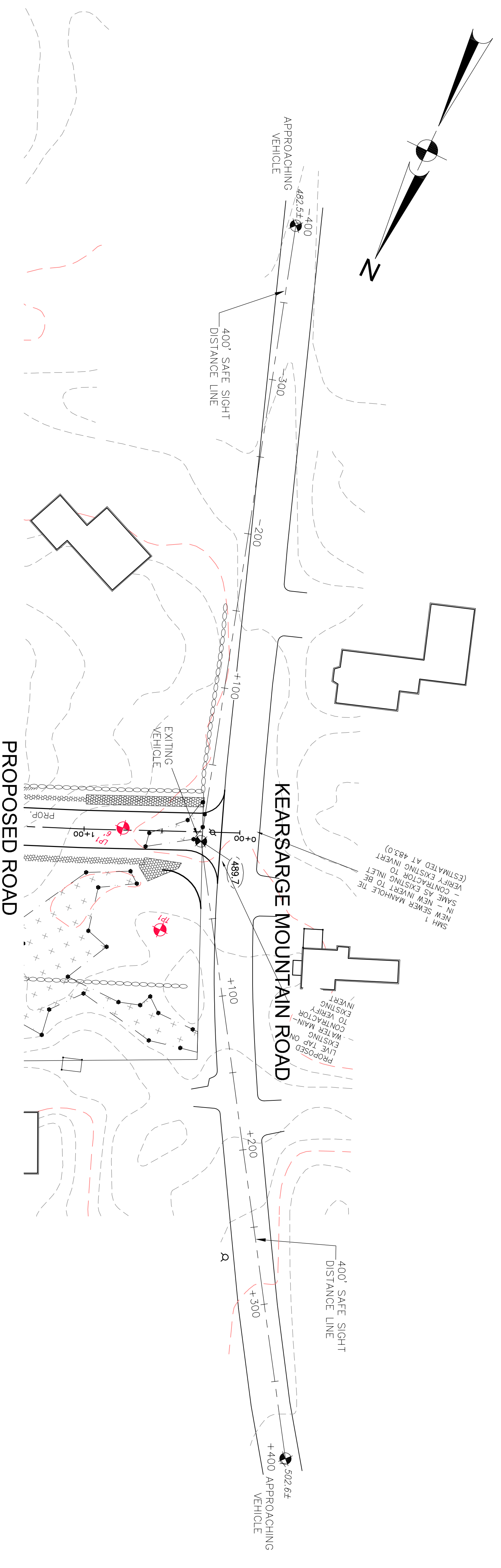
Owner / Applicant:
 Sydney Elizabeth Boyer
 Kearsarge Mountain Road
 Warner, NH 03278

ROADWAY PROFILE
 TAX MAP 33 LOT 18
 Kearsarge Mountain Road
 Warner, New Hampshire

DATE	DESCRIPTION	DWN BY	CK BY
7-24-24		JR	JR
	EDITS PER COMMENTS.		

Rokeh Consulting, LLC
 89 KING ROAD, CHICHESTER, NH
 PH: 603-387-8688

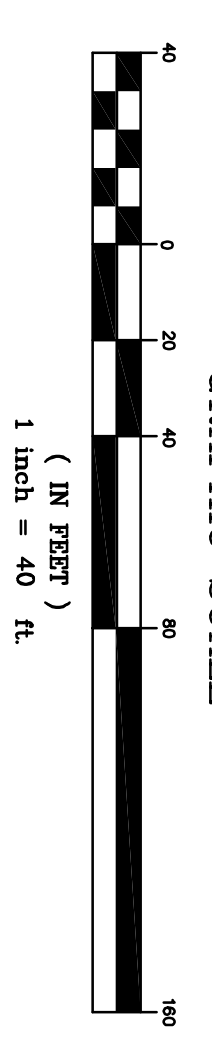
SCALE: 1"=40'(H) 4'(V)
 DATE: JUNE 28, 2023
 DR. BY: JR CK. BY: JR
 JOB NO. _____
 SHEET NO. 9 OF 16



SEE DETAIL SHEETS FOR NOTES ABOUT CONSTRUCTION SEQUENCE, AND PROCEDURES FOR PROPER CONSTRUCTION AND EROSION CONTROL PRACTICES.



CONTACT DIG SAFE 72 HOURS PRIOR TO CONSTRUCTION
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APPROVED BY THE WARNER NH PLANNING BOARD
CHAIRPERSON / VICE CHAIRPERSON
DATE



Owner / Applicant:
Sydney Elizabeth Boyer
Kearsarge Mountain Road
Warner, NH 03278

SIGHT DISTANCE PLAN AND PROFILE
TAX MAP 33 LOT 18
Kearsarge Mountain Road
Warner, New Hampshire

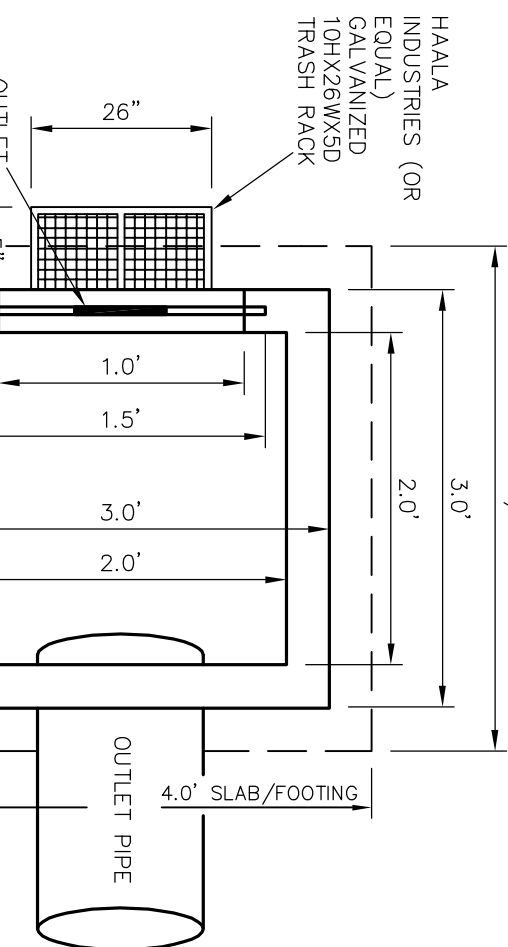
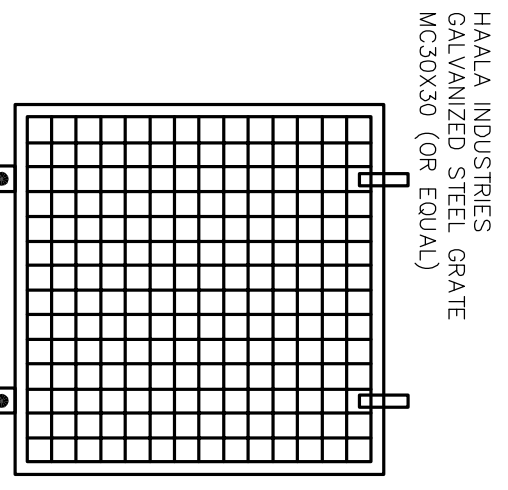
DATE	DESCRIPTION	DWN BY	CK BY
7-24-24	EDITS PER COMMENTS.	JR	JR

Rokeh Consulting, LLC
89 KING ROAD, CHICHESTER, NH
PH: 603-387-8688

SCALE: 1"=40'
DATE: JUNE 28, 2023
DR. BY: JR CK. BY: JR
JOB NO. _____
SHEET NO. 10 OF 16

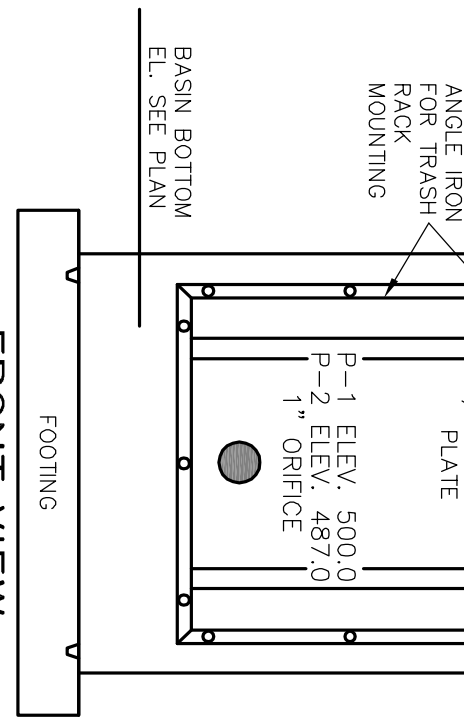
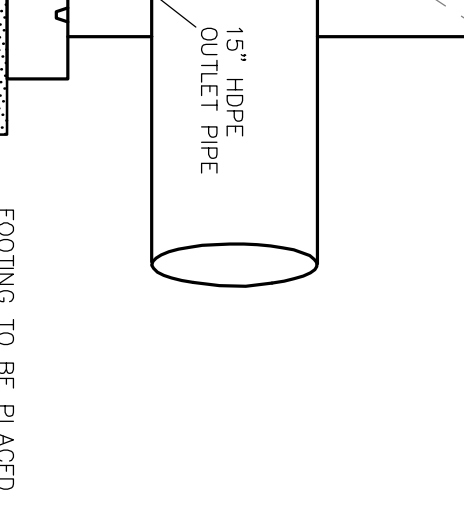
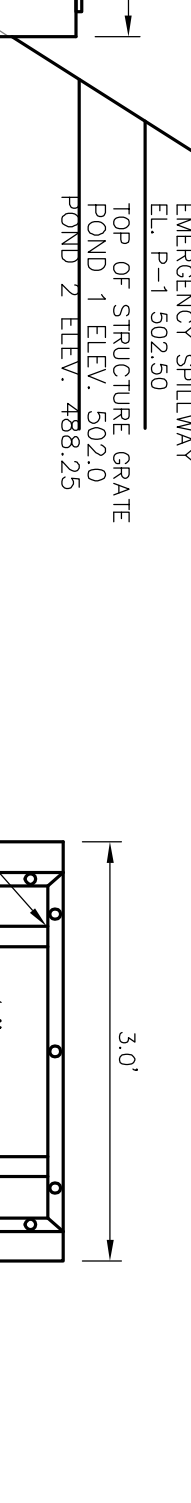
CONSTRUCTION SPECIFICATIONS

- STRUCTURE SHALL BE PRECAST OR POURED IN PLACE CONCRETE WITH 6" THICK WALLS.
- BASE SLAB SHALL BE A MINIMUM OF 6" PRECAST OR POURED IN PLACE CONCRETE WITH KEY WAYS.
- ALL SECTION AND PIPE JOINTS SHALL BE SEALED WITH MORTAR.
- ALL PARTS AND GRATES FOR OUTLET STRUCTURES SHALL BE STAINLESS STEEL AND/OR HOT DIPPED GALVANIZED COATED.
- SEE GRADING PLAN VIEWS FOR SPERIFIC ELEVATIONS OF BOTTOM DETENTION SYSTEM, SPERIFIC ELEVATIONS OF OUTLET ORIFICES AND PIPE SIZES.



OUTLET STRUCTURE COVER

TOP VIEW

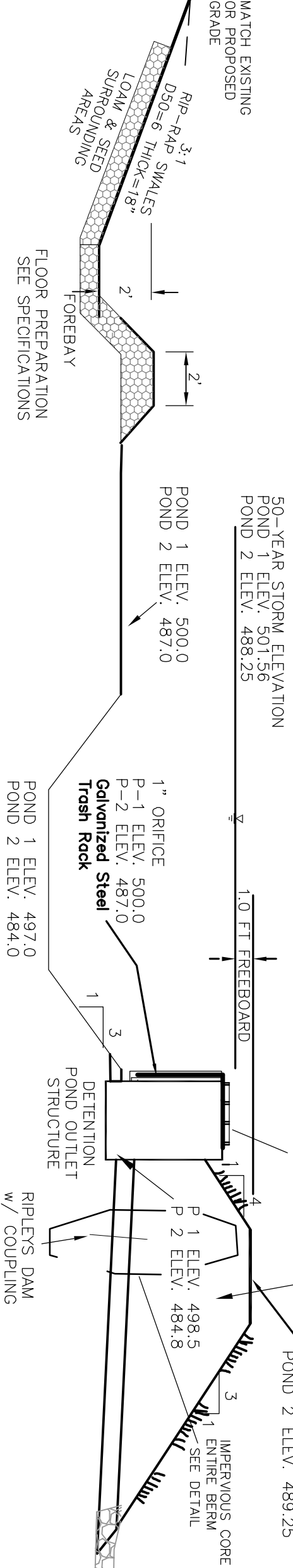


BASIN OUTLET STRUCTURE

NEW ENGLAND WETLAND PLANTS INC.
 NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DETENTION PONDS
 AND ADJACENT SITES
 ANDROGON GERARDI FACU
 SCHIZACHYRIUM SCOPARIUM FACU
 LITTLE BLUESTEM FACU
 FESTUCA RUBRA FACU
 RBD FESCUE FACU
 BIG BLUESTEM FACU
 SYMBIUM FACU
 VERNONIA ANDROBACENSIS FACU+
 AGROSTIS PERENNANS FACU+
 NEW YORK BROWWED FACU+
 UPLAND BENTGRASS FACU+
 BEGGAR TICKS FACU
 BIGERIS FRONDOSA FACU
 EPIPHORUM MACULATUM FACU
 SPOTTED JOE PEE WED OBL
 SPOTTED JOE PEE WED OBL
 ASTER NOVA-ANGULAE FACU+
 NOVA-ANGULAE FACU+
 NEW ENGLAND ASTER FACU+
 SCIRPUS CYPERINUS FACU+
 JUNCUS EFFRUSUS FACU+
 SOFT RUSH FACU+
 WOOD GRASS FACU+
 WOOD GRASS FACU+

MICRO POOL PONDS SEED MIX

NOT TO SCALE



- INFILTRATION BASIN NOTES:**
- DO NOT DISCHARGE SEGMENT-LOADED WATERS FROM CONSTRUCTION ACTIVITIES (RUNOFF, WATER FROM EXCAVATIONS) TO THE INFILTRATION BASIN.
 - DO NOT TRAFFIC EXPOSED SOIL SURFACE WITH CONSTRUCTION EQUIPMENT IF FEASIBLE.
 - PERFORM EXCAVATIONS WITH EQUIPMENT POSITIONED OUTSIDE THE LIMITS OF THE INFILTRATION SYSTEM.
 - AFTER THE INFILTRATION SYSTEM AREA IS EXCAVATED TO THE BOTTOM OF THE FILTER MEDIA, THE FLOOR SHOULD BE DEEPLY TILLED WITH A ROTARY TILLER OR DISC HARROW TO RESTORE INFILTRATION RATES, FOLLOWED BY A PASS WITH A LEVELING DRAG, THEN APPLY THE FILTER MEDIA.
 - VEGETATION WITHIN THE BASIN 18 INCHES ABOVE THE FILTER MEDIA ELEVATION ON THE SIDE SLOPES SHOULD BE ESTABLISHED IMMEDIATELY.
 - DO NOT PLACE INFILTRATION SYSTEMS INTO SERVICE UNTIL THE CONTRIBUTING AREAS HAVE BEEN FULLY STABILIZED.

DETENTION BASIN DETAIL

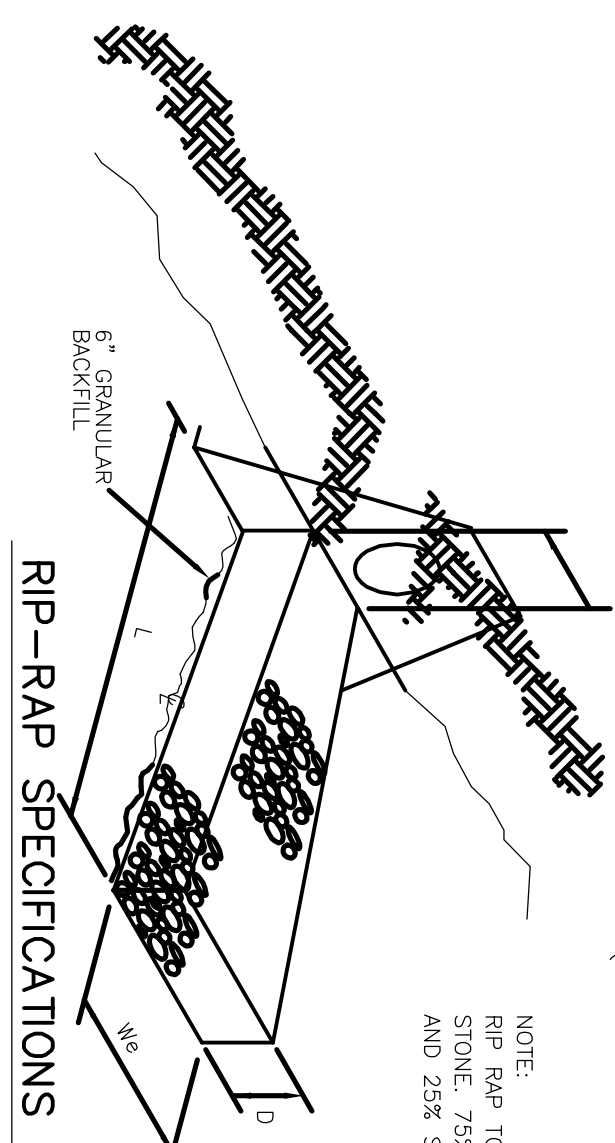
NOT TO SCALE

- THE FOUNDATION AREA SHALL BE CLEARED OF TREES, LOGS, STUMPS, ROOTS, BRUSH, BouldERS, SOG AND RUBBISH. SOFTENLY SURFACE BEFORE PLACING FILL. THE AREA SHALL BE MOST FOR GOOD BONDING OF THE NEW FILL. KEEP STANDING WATER FORMING ON OR NEAR THE FILL AREA.
- THE FILL SHALL BE FREE OF DETRIMENTAL AMOUNTS OF SOIL, ROOTS, FROZEN SOIL, STONES LARGER THAN 6 INCHES AND OTHER OBJECTIONABLE MATERIAL. CRUSHED GRAVEL (3/4") SHALL BE PLACED AROUND PIPES AND CONCRETE STRUCTURES.
- THE PLACING AND SPREADING OF FILL SHALL BE STARTED AT THE LOWEST POINT IN THE BERM AREA AND BROUGHT UP IN HORIZONTAL LAYERS (LIFTS) OF ABOUT 12" SO THAT REQUIRED COMPACTION CAN BE OBTAINED. THE DISTRIBUTION LAYERS AND GRADATION OF MATERIALS SHALL BE SUCH THAT NO GRADATION PROBLEMS, SPREADING OR OTHER SUBSTANTIALITY IN TEXTURE OR GRADATION FROM THE SUPERVISING MATERIAL.
- THE MOISTURE CONTENT OF THE FILL MATERIAL SHALL BE ADEQUATE FOR OBTAINING THE REQUIRED COMPACTION.
- CONSTRUCTION EQUIPMENT SHALL BE OPERATED OVER AREAS OR EACH LAYER OF FILL TO INSURE REQUIRED COMPACTION. CONSTRUCTION EQUIPMENT SHALL BE OPERATED AT SUFFICIENT SPEED TO PRESS AND CONCRETE STRUCTURES SHALL NOT BE COMPACTED UNTIL CONCRETE HAS CURED STRONG ENOUGH TO SUPPORT THE LOAD.
- FOR PROTECTION ALL EXPOSED AND DISTURBED SURFACES (OTHER THAN THE FILTER MEDIA) SHALL HAVE A COVER OF VEGETATION, PREFERABLY TOPSOIL, AND SEED. FOLLOW SEEDING SPECIFICATIONS AND GENERAL NOTES IN THE EROSION CONTROL DETAILS SECTION IN THIS PLANSET.

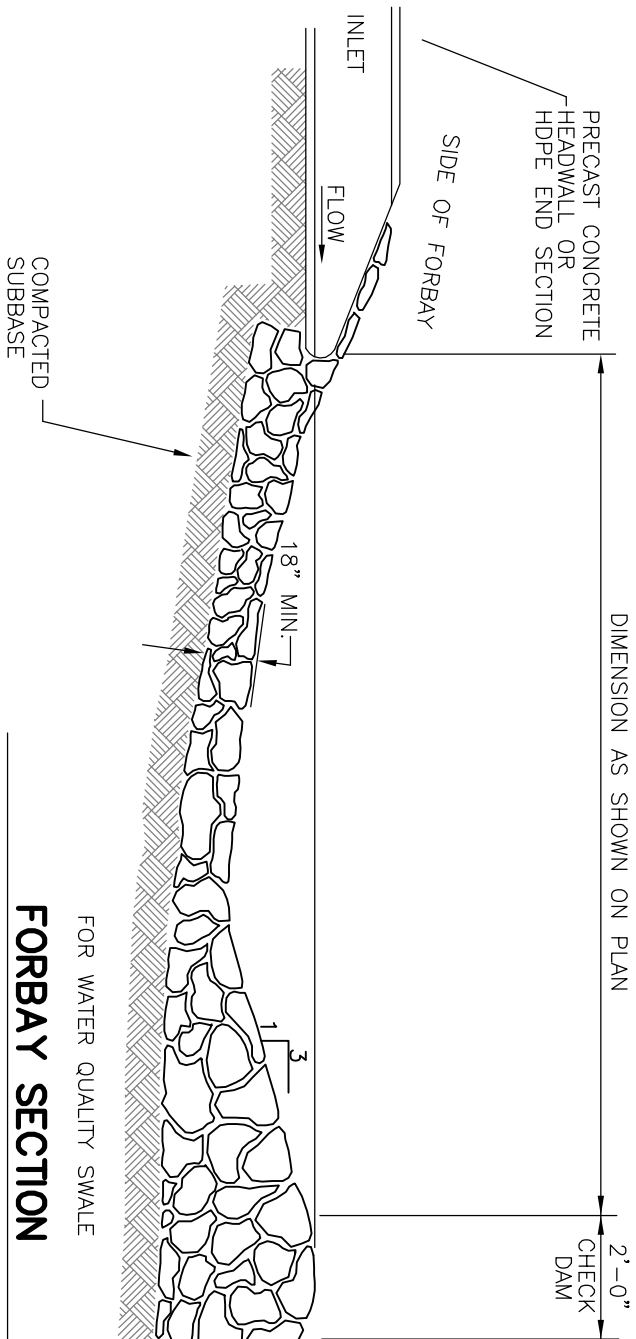
Owner / Applicant:
 Sydney Elizabeth Boyer
 Kearsarge Mountain Road
 Warner, NH 03278

CONSTRUCTION DETAILS
 TAX MAP 33 LOT 18
 Kearsarge Mountain Road
 Warner, New Hampshire

(NOT TO SCALE)



DESCRIPTION	LENGTH	INVERT WIDTH	END WIDTH	STONE FILL	DEPTH OF STONE - D
FES 1	10'	3.75'	11'	6"	1.5'
FES 2	9'	3.75'	10'	6"	1.5'

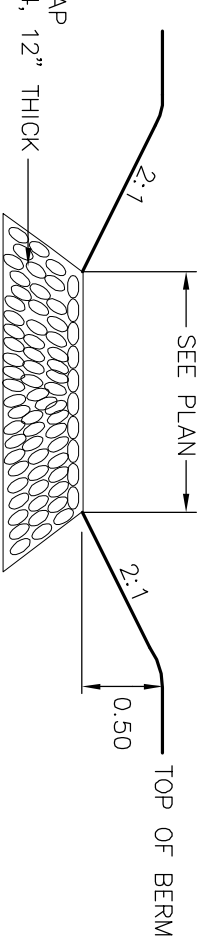


FORAY SECTION

FOR WATER QUALITY SMALL

NOT TO SCALE

FORAY	REQUIRED FORAY	PROPOSED FORAY	ROCK DAM	STONE
1	1350'	2000'	2'	6" STONE FILL
1	2270'	2500'	2'	6" STONE FILL

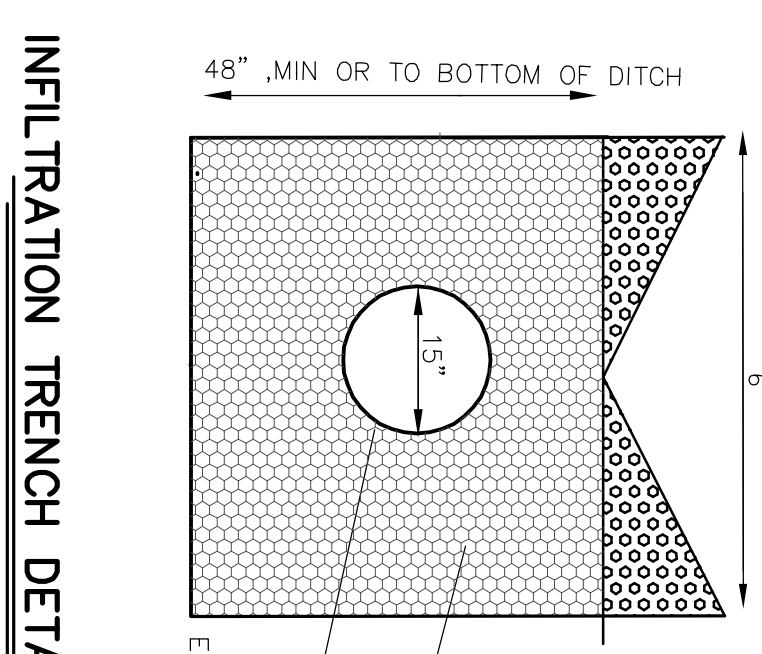


TYPICAL EMERGENCY SPILLWAY DETAIL

NOT TO SCALE

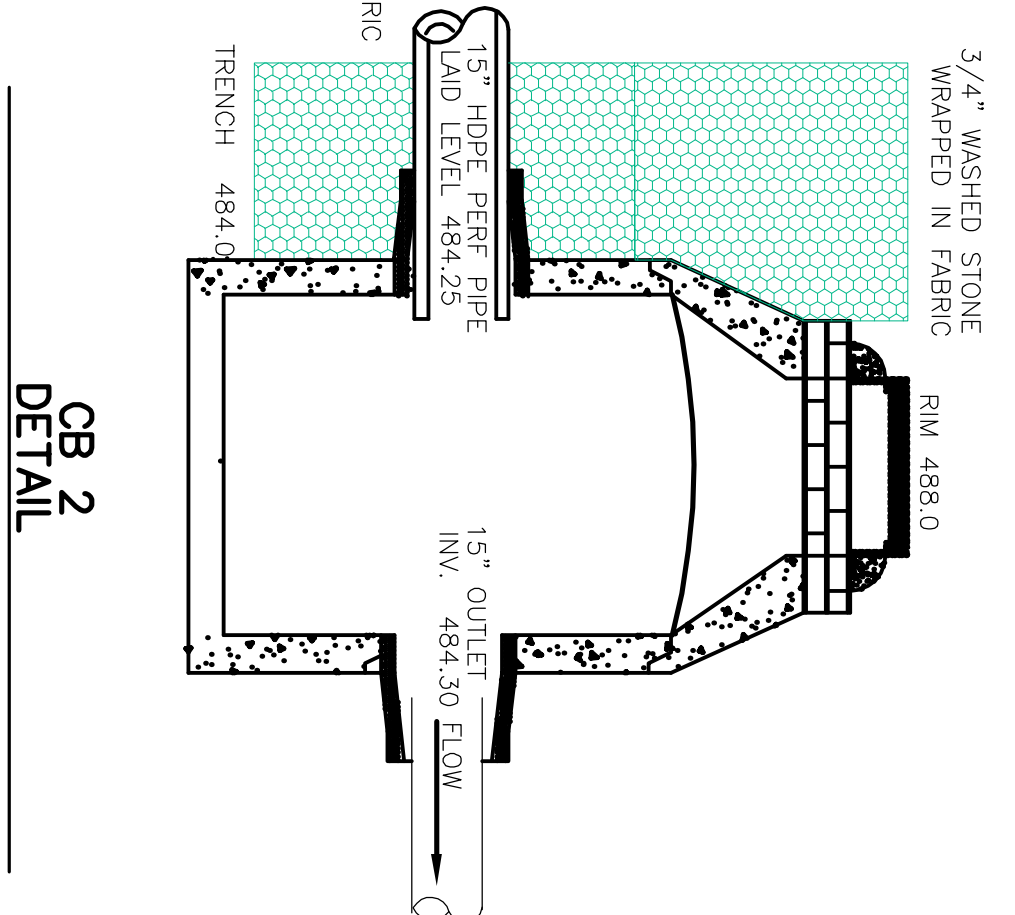
- SAFETY**
- PONDS THAT ARE EASILY ACCESSIBLE IN POPULATED AREAS SHOULD INCORPORATE ALL POSSIBLE SAFETY PRECAUTIONS. DUE TO ONLY TEMPORARY WATER LEVELS IN THESE BASINS, FENCING IS NOT NECESSARY.

- MAINTENANCE**
- MAINTENANCE IS NECESSARY IF THE BASIN IS TO CONTINUE TO FUNCTION AS DESIGNED. THE LANDOWNER MUST BE AWARE OF THE REQUIREMENTS FOR A PROPERLY OPERATIONAL BASIN AND A PLAN BE DEVELOPED FOR REGULAR SCHEDULED MAINTENANCE.
 - THE EMBANKMENT SHOULD BE INSPECTED TO DETERMINE IF ROBERT BURROWS, WET AREAS OR EROSION OF THE FILL IS TAKING PLACE.
 - THE VEGETATION SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC AND DENSE WEEDS. TREES AND SHRUBS SHOULD BE KEPT OFF THE EMBANKMENT AND EMERGENCY SPILLWAY AREAS.
 - PIPE INLETS AND SPILLWAY STRUCTURES SHOULD BE INSPECTED ANNUALLY AND AFTER EVERY MAJOR STORM. ACCUMULATED DEBRIS AND SEDIMENT SHOULD BE REMOVED. IF PIPES ARE COATED, THE COATING SHOULD BE CHECKED AND REPAIRED AS NECESSARY.
 - PIPE OUTLETS SHOULD BE INSPECTED ANNUALLY AND AFTER EVERY MAJOR STORM. THE CONDITION OF THE AREA AROUND THE OUTLET SHOULD BE CHECKED AND REPAIRED AS NECESSARY. WHEN MEASUREMENTS SHOULD BE TAKEN TO STABILIZE AND PROTECT THE AFFECTED AREA OF THE OUTLET.
 - SEDIMENT SHOULD BE CONTINUALLY CHECKED IN THE BASIN. WHEN SEDIMENT ACCUMULATIONS REACHED THE PREDETERMINED DESIGN ELEVATION, THEN THE SEDIMENT SHOULD BE REMOVED AND PROPERLY DISPOSED OF.

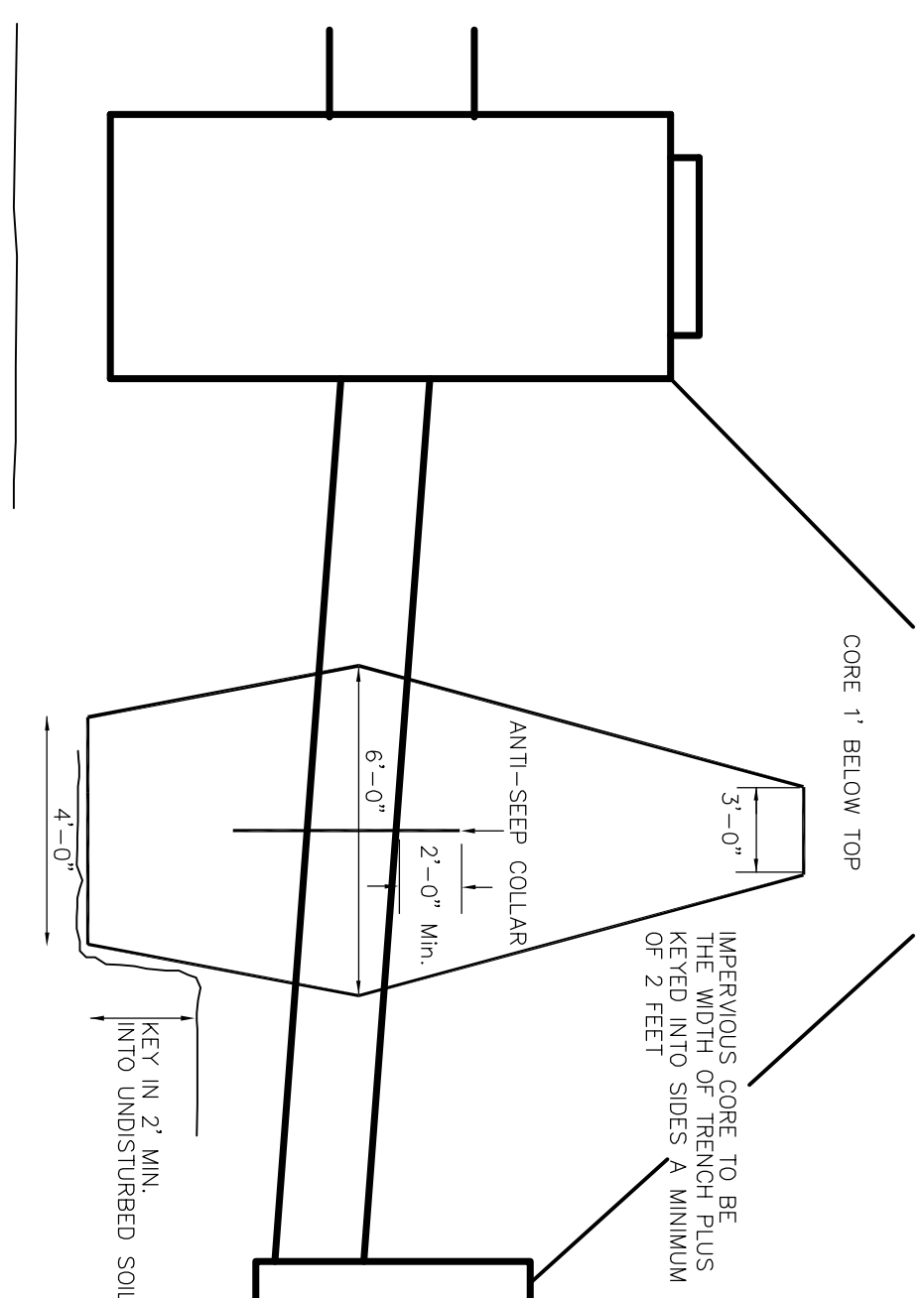


INFILTRATION TRENCH DETAIL WITH PIPE

NOT TO SCALE

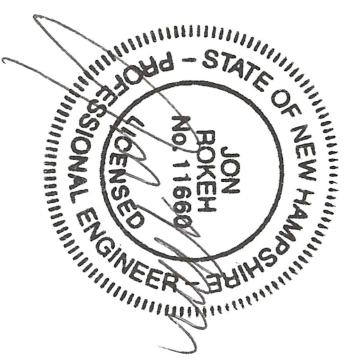


CB 2 DETAIL



IMPERIOUS CORE SOIL

- IMPERVIOUS CORE AND POND LINER SOIL SAMPLES, AND SIEVE ANALYSIS TO BE SUBMITTED FOR APPROVAL PRIOR TO CONSTRUCTION. IMPERVIOUS SOILS TO MEET THE FOLLOWING CRITERIA. SOIL SHALL HAVE NO ORGANIC MATTER OR FROZEN MATERIAL AND NO STONES LARGER THAN 1/2" IN DIAMETER. THE FILL MATERIAL SHALL NOT EXCEED 3 INCHES. FILL MATERIAL SHALL HAVE THE FOLLOWING GRADATION:
 SIEVE SIZE: 3% PASSING
 #40 60 - 90
 #100 40 - 60
 #200 25 - 45
- THE CONTRACTOR SHALL USE CARE NOT TO OVER EXCAVATE AND DISTURB THE EXISTING SOIL AT THE BERM AND OUTLET PIPE AREAS.
- IMPERVIOUS SOIL SHALL BE INSTALLED WITHIN THE LIMITS STORM, ALONG THE BERM AREA AND A MINIMUM EXCEEDING 9" AND COMPACTED BY MODIFIED TESTING (ASTM 1557) TO A MINIMUM 95% OF THE WET WEIGHT AS DETERMINED BY MODIFIED TESTING (ASTM 1557)
- AT THE IMPERVIOUS DAM AREA, THE DAM SHALL BE KEVED INTO TO BOTTOM AND SIES OF THE TRENCH A MINIMUM OF 2". THE IMPERVIOUS SOIL SHALL BE PLACED IN LIFTS NOT EXCEEDING 9" AND COMPACTED TO A MINIMUM 95% OF THE WET WEIGHT AS DETERMINED BY MODIFIED TESTING (ASTM 1557)

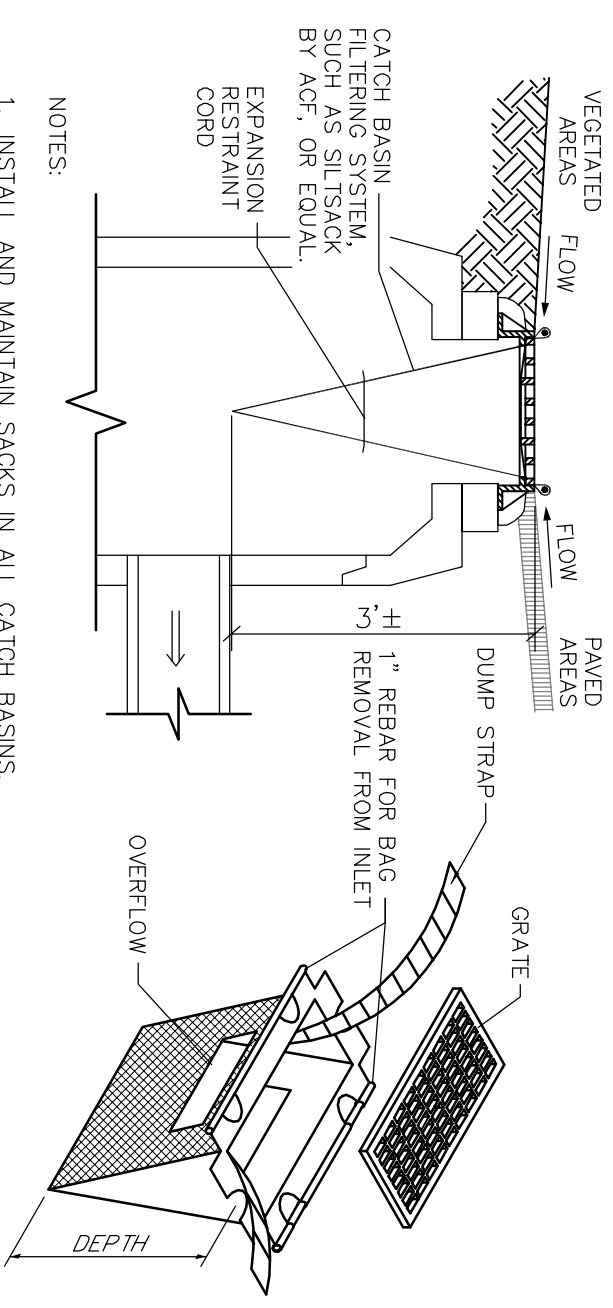


REVISIONS

DATE	DESCRIPTION	DOWN BY	CK BY
7-24-24	EDITS PER COMMENTS.	JR	JR

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 89 KING ROAD, CHICHESTER, NH
 PH: 603-387-8688

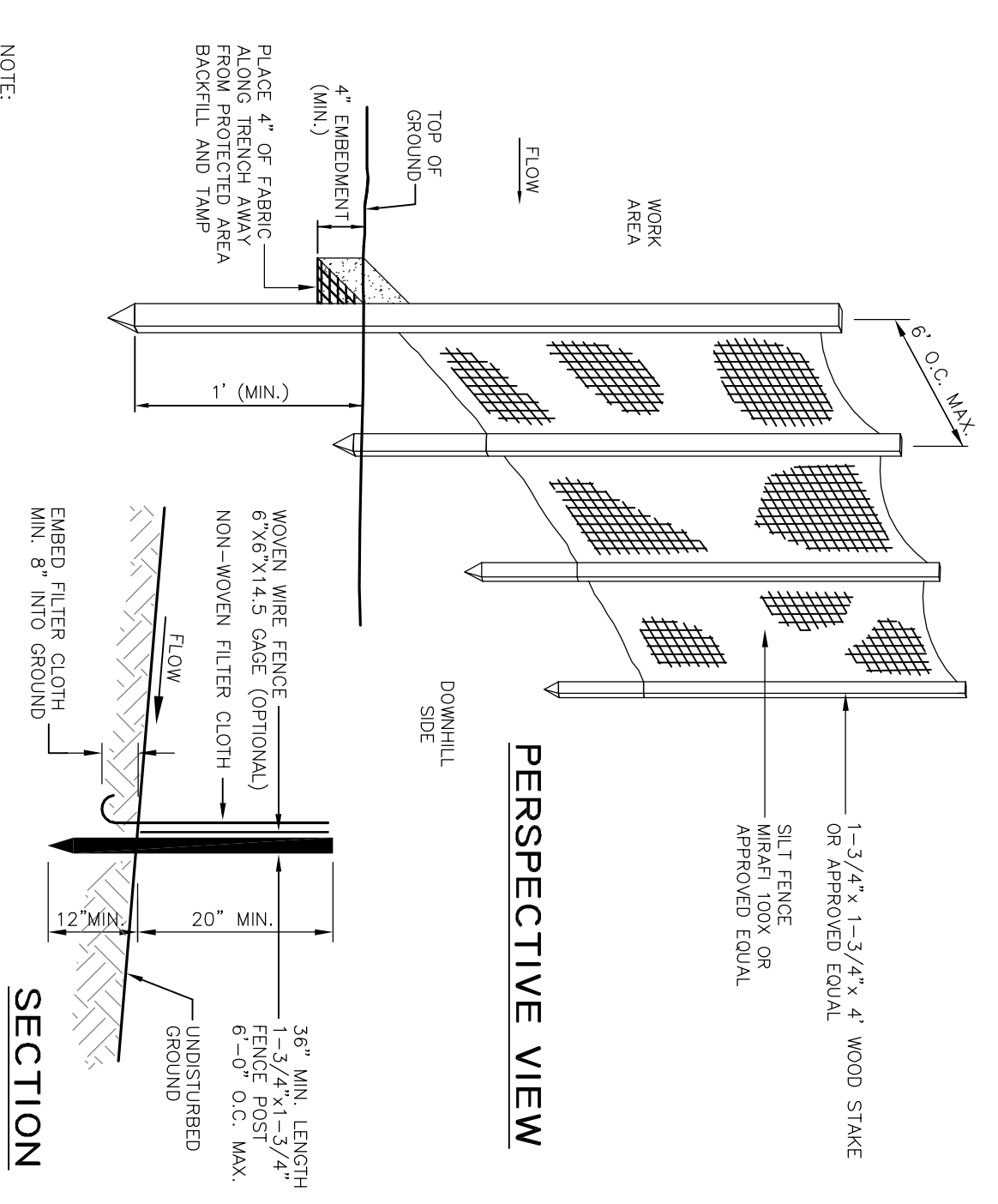
SCALE: AS NOTED
 DATE: JUNE 28, 2023
 DR. BY: JR CK. BY: JR
 JOB NO. _____
 SHEET NO. 12 OF 16



- NOTES:
1. INSTALL AND MAINTAIN SACKS IN ALL CATCH BASINS.
 2. TO INSTALL SACK, REMOVE CATCH BASIN GRATE AND PLACE SACK IN OPENING. HOLD OUT APPROXIMATELY SIX INCHES OF THE SACK OUTSIDE THE FRAME FOR THE LIFTING STRAPS. REPLACE THE GRATE TO HOLD THE SACK IN PLACE.
 3. THE SACK SHOULD BE INSPECTED AFTER EVERY STORM, OR ONCE EVERY TWO WEEKS, WHICH EVER OCCURS FIRST.
 4. THE RESTRAINT CORD SHOULD BE VISIBLE AT ALL TIMES. IF THE CORD IS COVERED WITH SEDIMENT, THE SACK SHOULD BE EMPTIED. EMPTY THE SACK AWAY FROM THE CATCH BASIN TO PREVENT SEDIMENT FROM RE-ENTERING THE CATCH BASIN. EMPTY THE SACK PER THE MANUFACTURER'S RECOMMENDATIONS.
 5. REPLACE THE SACK IN THE CATCH BASIN AFTER THE SACK HAS BEEN EMPTIED. ONCE CONSTRUCTION IS COMPLETE AND ALL DISTURBED AREAS HAVE BEEN STABILIZED BY PAVING OR A HEALTHY VEGETATIVE COVER, REMOVE THE SACK FROM THE CATCH BASINS.

"SILT-SAK" SEDIMENT CONTROL
FOR DRAINAGE STRUCTURES

NOT TO SCALE

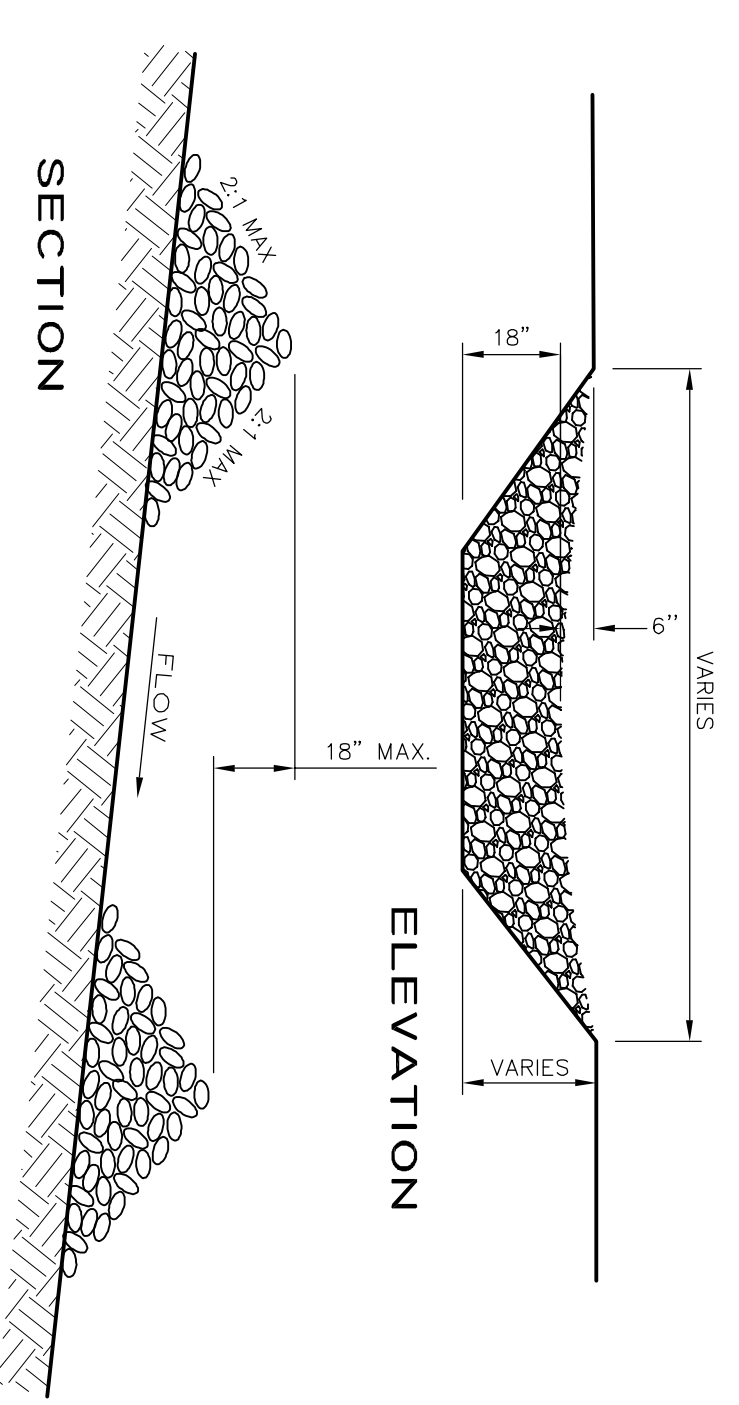


- NOTE:
A MULCH SILT SOX TUBE METHOD MAY BE SUBSTITUTED FOR SILT FENCE IN AREAS IF DESIRED. CONSULT WITH MANUFACTURERS SPECIFICATIONS FOR INSTALLATION METHODS.
- MAINTENANCE**
1. SILT FENCES ARE TO BE INSPECTED IMMEDIATELY AFTER EVERY RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
 2. IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
 3. SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE HALF OF THE BARRIER.
 4. SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED, SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

SILT FENCE DETAIL

NOT TO SCALE

Owner / Applicant:
Sydney Elizabeth Boyer
Kearsarge Mountain Road
Warner, NH 03278

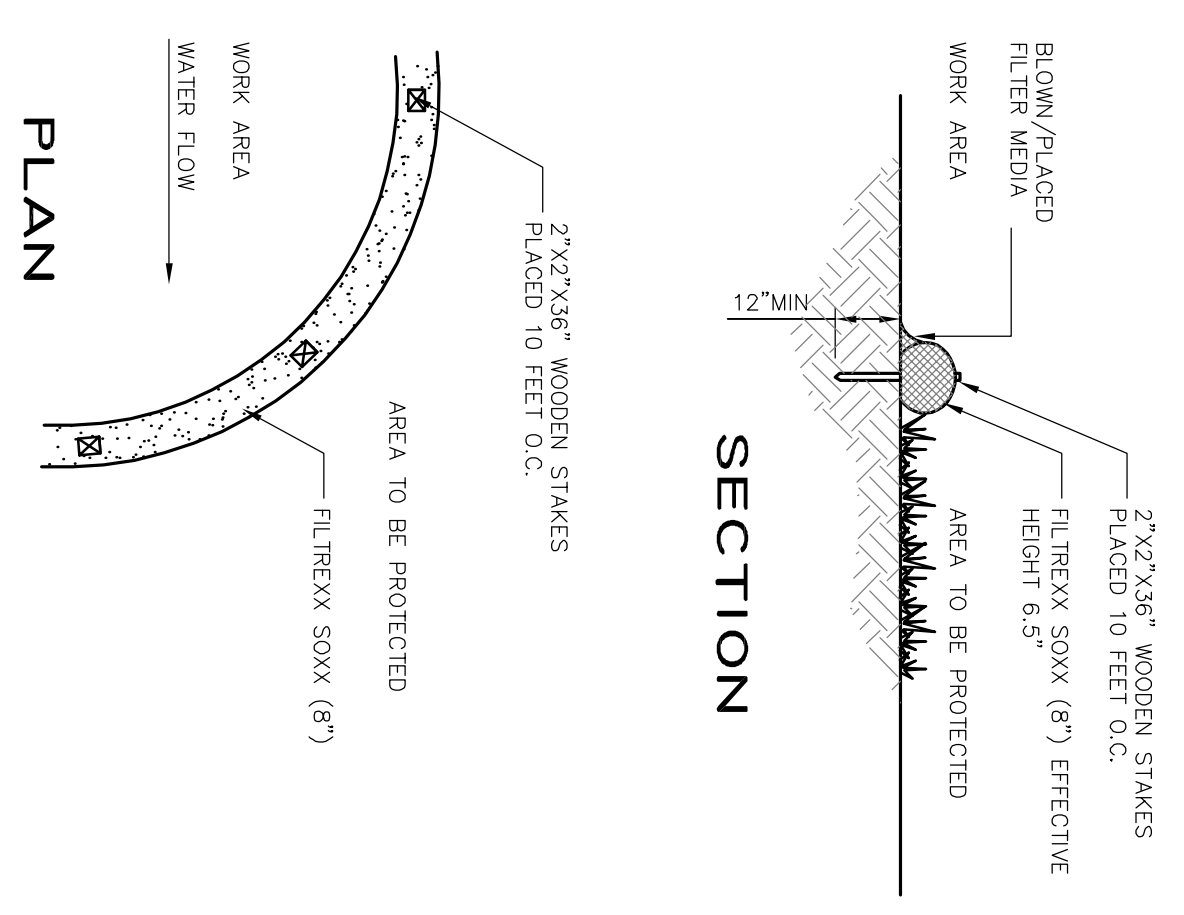


NOTE

1. STRUCTURES SHALL BE INSTALLED ACCORDING TO THE DIMENSIONS SHOWN ON THE PLANS AT THE APPROPRIATE SPACING.
2. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER SO THAT EROSION WILL BE MINIMIZED.
3. WHEN STRAW BALES ARE USED, THEY ARE TO BE EMBEDDED INTO THE SOIL 4 INCHES. WHEN TIMBERS ARE TO BE USED, THE TIMBER SHALL EXTEND AT LEAST 18 INCHES INTO THE SOIL.
4. STRAW OR STRAW BALES SHALL BE ANCHORED INTO THE SOIL USING 2"x2" STAKES DRIVEN THROUGHOUT THE BALES AT LEAST 18 INCHES INTO THE SOIL.
5. SEEDING, FERTILIZING AND MULCHING SHALL CONFORM TO THE RECOMMENDATIONS IN THE APPROPRIATE BMP.
6. STRUCTURES ARE TEMPORARY AND ARE TO BE REMOVED FROM THE CHANNEL WHEN THEIR USEFUL LIFE HAS EXPIRED, WHEN A SOLID STAND OF GRASS HAS GROWN AND STABILIZED.

STONE CHECK DAM

NOT TO SCALE



NOTE

1. ALL MATERIAL TO MEET FILTERREXX SPECIFICATIONS
2. FILTER MEDIA TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON-SITE, AS DETERMINED BY THE ENGINEER
4. MAXIMUM SLOPE LENGTH ABOVE THE FILTERREXX SOXX IS 200 FEET FOR A 10% SLOPE, 140 FEET FOR A 15% SLOPE, 100 FEET FOR A 20% SLOPE, 80 FEET FOR A 25% SLOPE.
5. CONTRACTOR IS TO BE FILTERREX CERTIFIED AS DETERMINED BY MANUFACTURER.
6. STAKES SHALL BE INSTALLED THROUGHOUT THE MIDDLE OF THE SOXX ON 10 FOOT CENTERS.
7. SEDIMENT CONTROL SHOULD BE PLACED NEAR PARALLEL TO THE BASE OF THE SLOPE AS SHOWN ON THE PLANS.
8. LOOSE COMPOST MAY BE BACKFILLED ALONG THE UPSLOPE SIDE OF THE SOXX, FILLING THE SEAM BETWEEN THE SOIL AND THE DEVICE.
9. IF THE "FILTERREX SOXX" IS TO BE LEFT AS A PERMANENT FILTER OR PART OF ESTABLISHMENT OF PERMANENT VEGETATION.

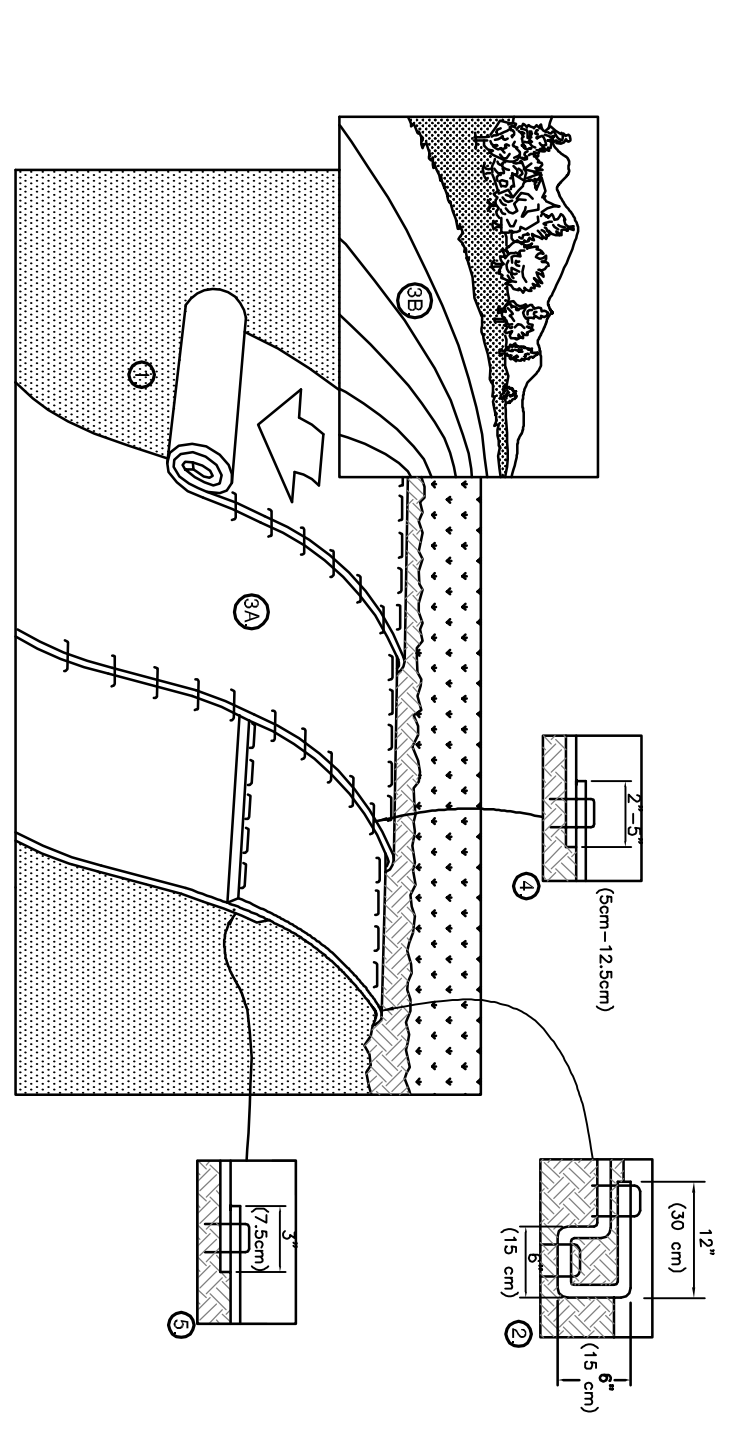
MAINTENANCE

1. THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT CONTROL IN A FUNCTIONAL CONDITION AT ALL TIMES AND IT SHALL BE ROUTINELY INSPECTED.
2. IF DAMAGED, IT SHALL BE REPAIRED OR A SECTION REPLACED IF BEYOND REPAIR.
3. THE CONTRACTOR SHALL REMOVE SEDIMENT AT THE BASE OF THE UPSLOPE SIDE OF THE SEDIMENT CONTROL WHEN ACCUMULATION HAS REACHED 1/2 OF THE EFFECTIVE HEIGHT OF THE CONTROL OR 3.25 INCHES (FOR AN 8 INCH SOXX THE EFFECTIVE HEIGHT IS 6.5 INCHES).
4. SEDIMENT CONTROL SHALL BE MAINTAINED UNTIL THE DISTURBED AREA ABOVE THE DEVICE HAS BEEN PERMANENTLY STABILIZED AND CONSTRUCTION ACTIVITY HAS CEASED IN THAT AREA.
5. THE FILTER MEDIA MAY BE DISPERSED ON SITE ONCE THE AREA HAS BEEN PERMANENTLY STABILIZED AND CONSTRUCTION ACTIVITY HAS CEASED IN THAT AREA.

'FILTERREXX' SEDIMENT CONTROL DETAIL ("SOXX")

NOT TO SCALE

CONSTRUCTION DETAILS
TAX MAP 33 LOT 18
Kearsarge Mountain Road
Warner, New Hampshire



1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED SOLE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY NONPERFORATED BLANKET IN A 4 FT (1.5m) DEEP 4 FT (1.5m) WIDE TRENCH. NONPERFORATED BLANKET WITH COMPOST SHOULD BE PLACED ON THE UPSLOPE PORTION OF THE TRENCH. NONPERFORATED BLANKET WITH COMPOST SHOULD BE PLACED ON THE DOWNSLOPE PORTION OF THE TRENCH. 12" (30cm) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF SPLIT-STEMMED STAKES SPACED APPROXIMATELY 12' (3.6m) PARTIAL ACROSS THE WIDTH OF THE BLANKET.
3. NONPERFORATED BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAKES/STIKES AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAKES/STIKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAKE PATTERN GUIDE. WHEN USING ORTHOGONAL DOT SYSTEM STAKES/STIKES ON BLANKET TYPE, TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM MARK ON THE PREVIOUSLY INSTALLED BLANKET. WITH AN APPROXIMATE 5" (12.5cm) OVERLAP, STAPLE THROUGH OVERLAP AREA APPROXIMATELY 12" (30cm) APART ACROSS ENTIRE BLANKET WIDTH.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 22-24" (56cm-125cm) ORBID ORBID DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM MARK ON THE PREVIOUSLY INSTALLED BLANKET. WITH AN APPROXIMATE 5" (12.5cm) OVERLAP, STAPLE THROUGH OVERLAP AREA APPROXIMATELY 12" (30cm) APART ACROSS ENTIRE BLANKET WIDTH.

NOTE:
IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15cm) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

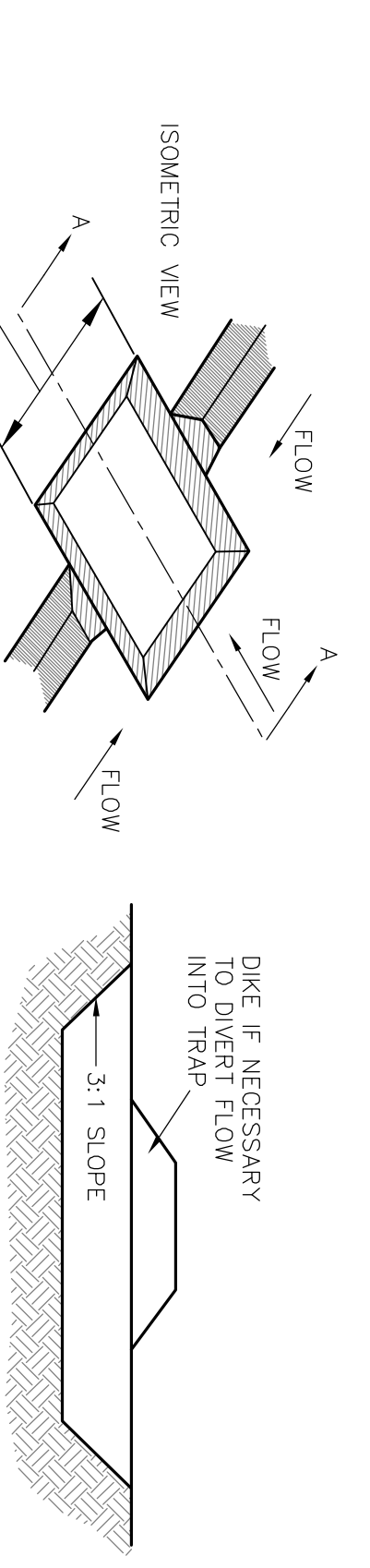
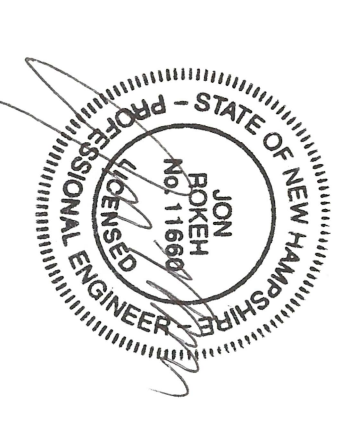
SLOPE STABILIZATION
FOR EROSION CONTROL

NOT TO SCALE



14849 HIGHWAY 41 NORTH, EVANSVILLE, INDIANA 47725
USA 1-800-772-7272 www.nogreen.com
850-448-2040

- NOTE:
- 1) THIS PRACTICE SHALL BE USED FOR ALL ROADWAY AND DRIVEWAY SLOPES STEEPER THAN 3:1 WITH A VERTICAL GRADE HIGHER THAN 3 FEET.
 - 2) NORTH AMERICAN GREEN, SO1505BM OR EODL.



TEMPORARY SEDIMENTATION TRAP DETAIL

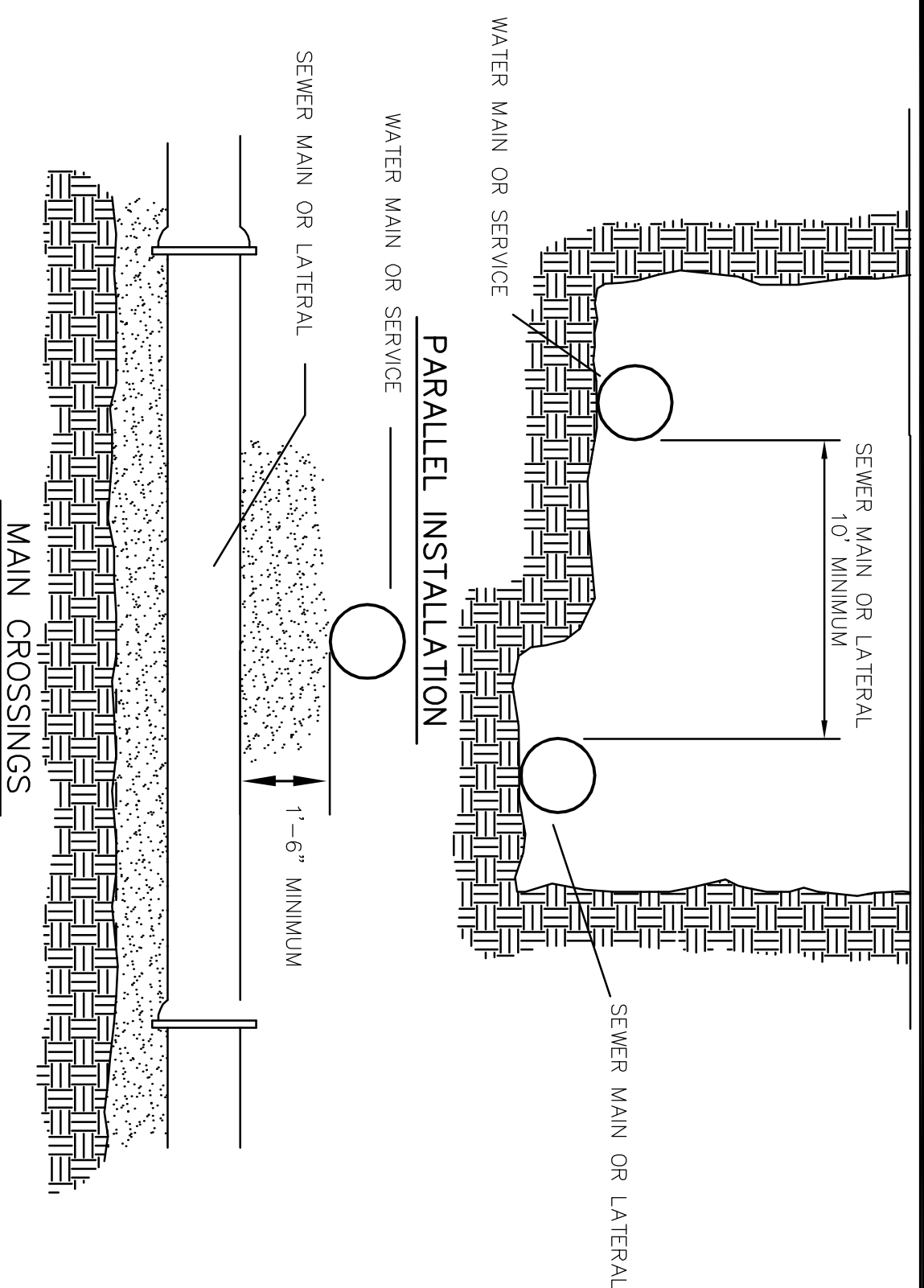
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REVISIONS

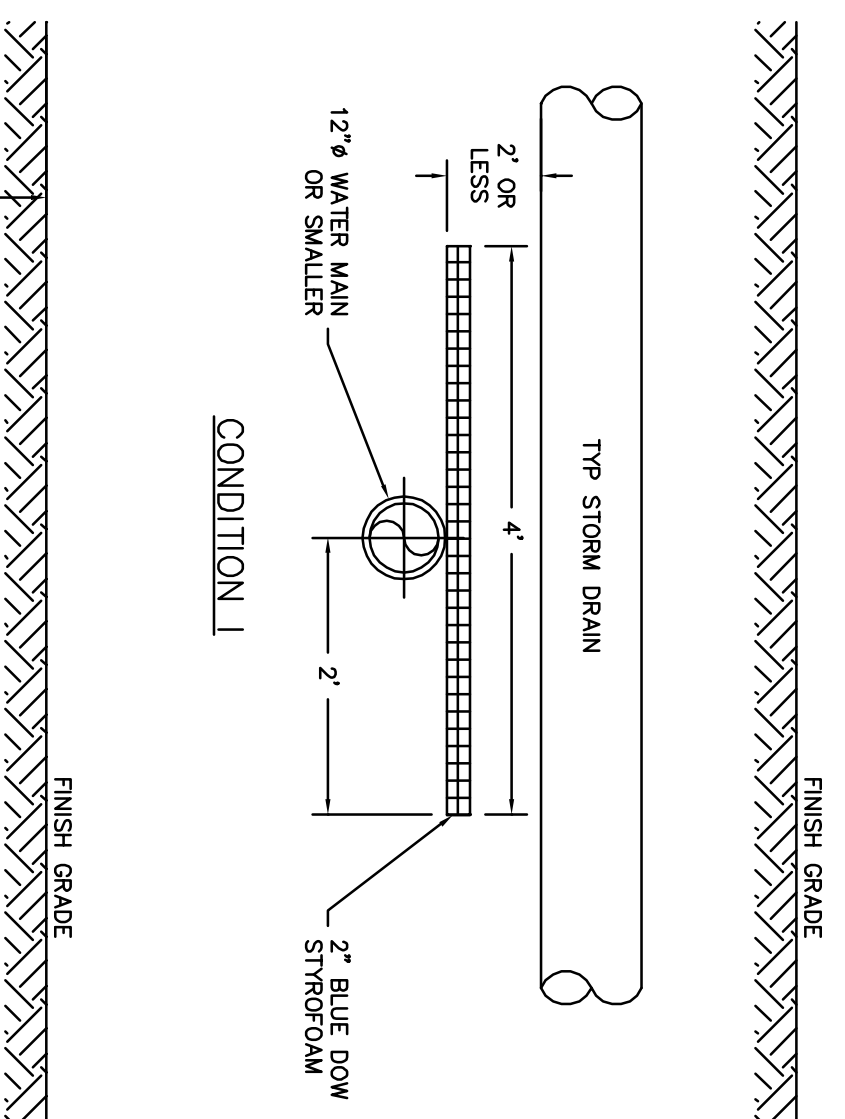
DATE	DESCRIPTION	DWN BY	OK BY

Rokeh Consulting, LLC
89 KING ROAD, CHICHESTER, NH
PH: 603-387-8688

SCALE: AS NOTED
DATE: JUNE 28, 2023
DR. BY: JR CK. BY: JR
JOB NO. _____
SHEET NO. 13 OF 16



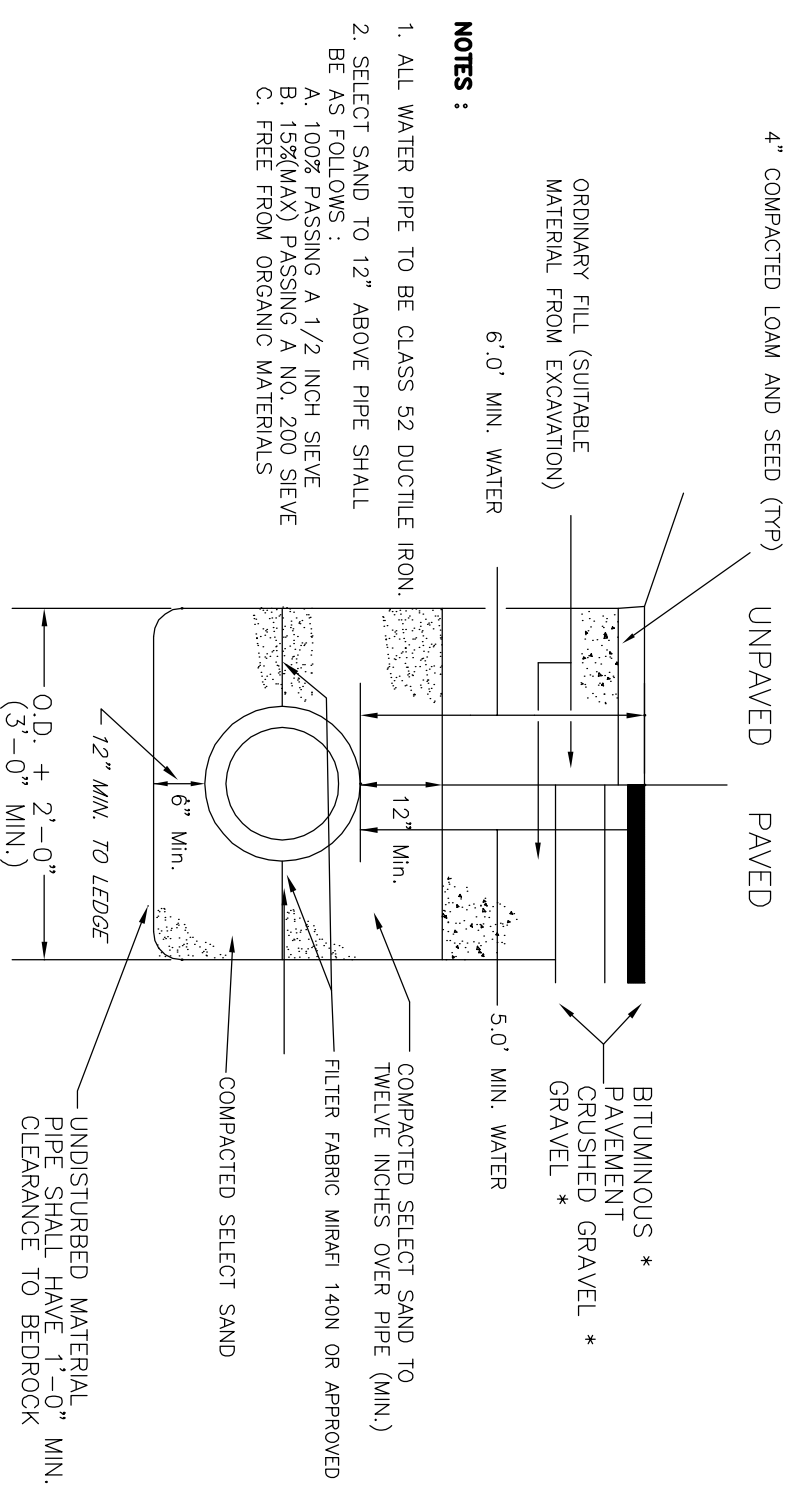
WATER MAIN/SEWER MAIN SEPARATION
NOT TO SCALE



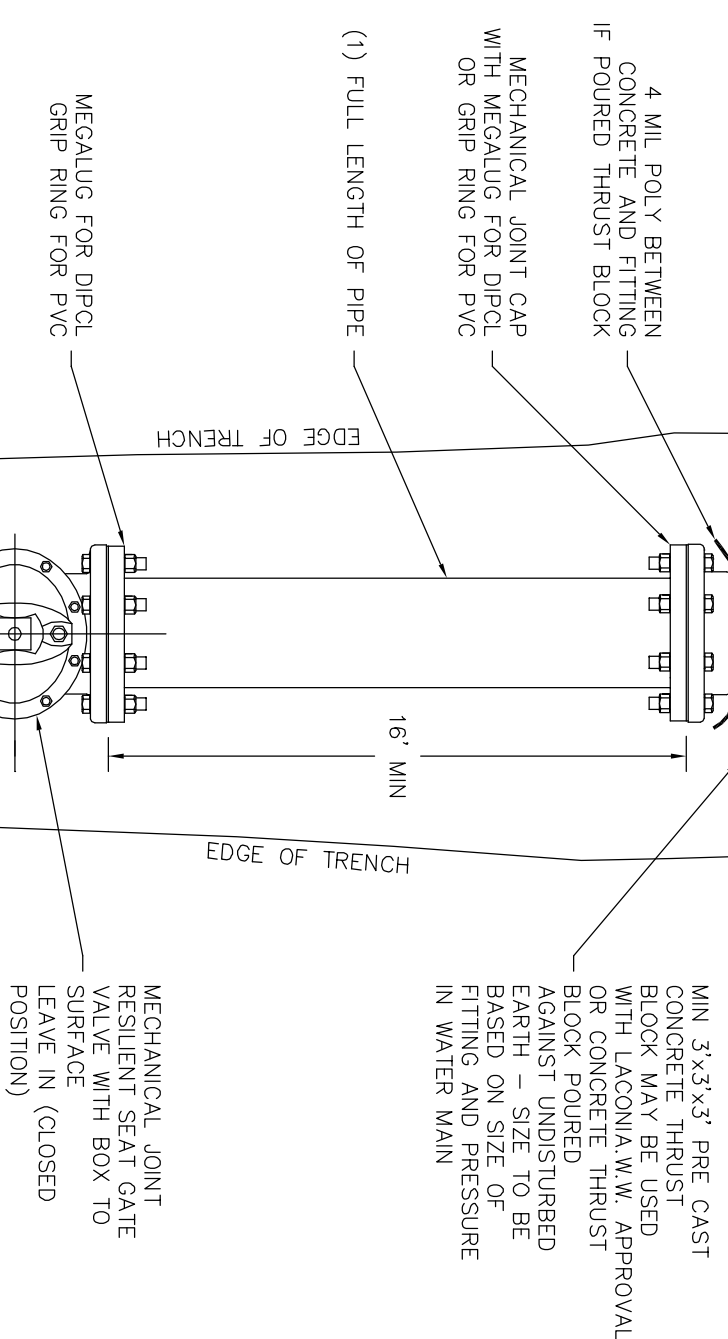
- NOTES:**
1. LOCAL WATER WORKS RESERVES THE RIGHT TO MODIFY INSULATION REQUIREMENTS AS NECESSARY BASED ON FIELD CONDITIONS, ETC.
 2. THE LENGTH OR WIDTH OF INSULATION SHALL EXTEND 1 STORM DRAIN PIPE DIAMETER BEYOND THE EDGE OF STORM DRAIN CENTERLINE IN THE DIRECTION OF FLOW. INSULATION SHALL BE GREATER.
 3. ALL BUT JOINT SEAMS TO BE OVERLAPPED WITH A 1\"/>

STORM DRAIN / WATER MAIN INTERSECTING RUNS – ELEV. VIEW (A-18)
(NOT TO SCALE)

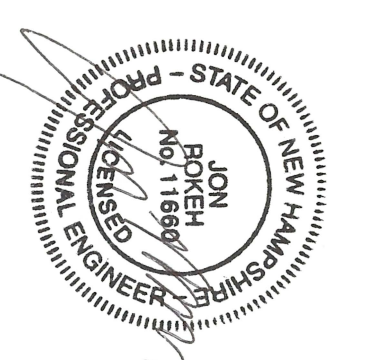
Owner / Applicant:
Sydney Elizabeth Boyer
Kearsarge Mountain Road
Warner, NH 03278



TYPICAL DOMESTIC SERVICE CONNECTION
NOT TO SCALE



TYPICAL END OF MAIN INSTALLATION

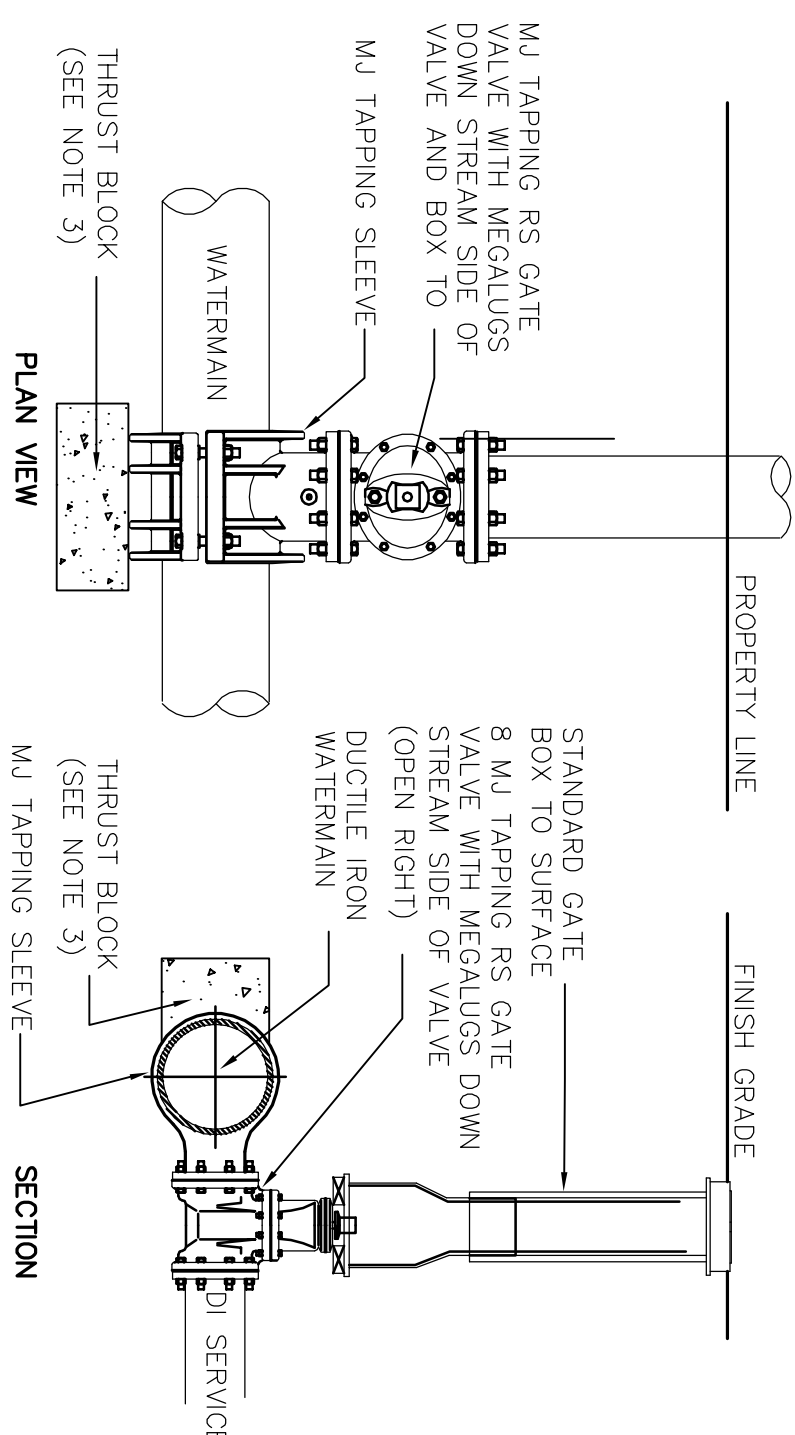
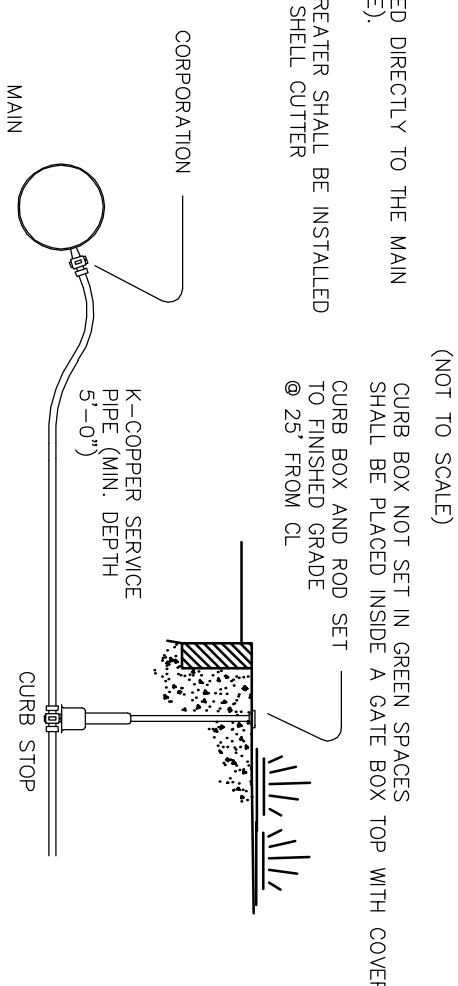


REFERENCE: "STANDARDS OF DESIGN AND CONSTRUCTION FOR SEWERAGE AND WASTE WATER TREATMENT FACILITIES", DEPT. OF ENVIRONMENTAL SERVICES.

GENERAL NOTES

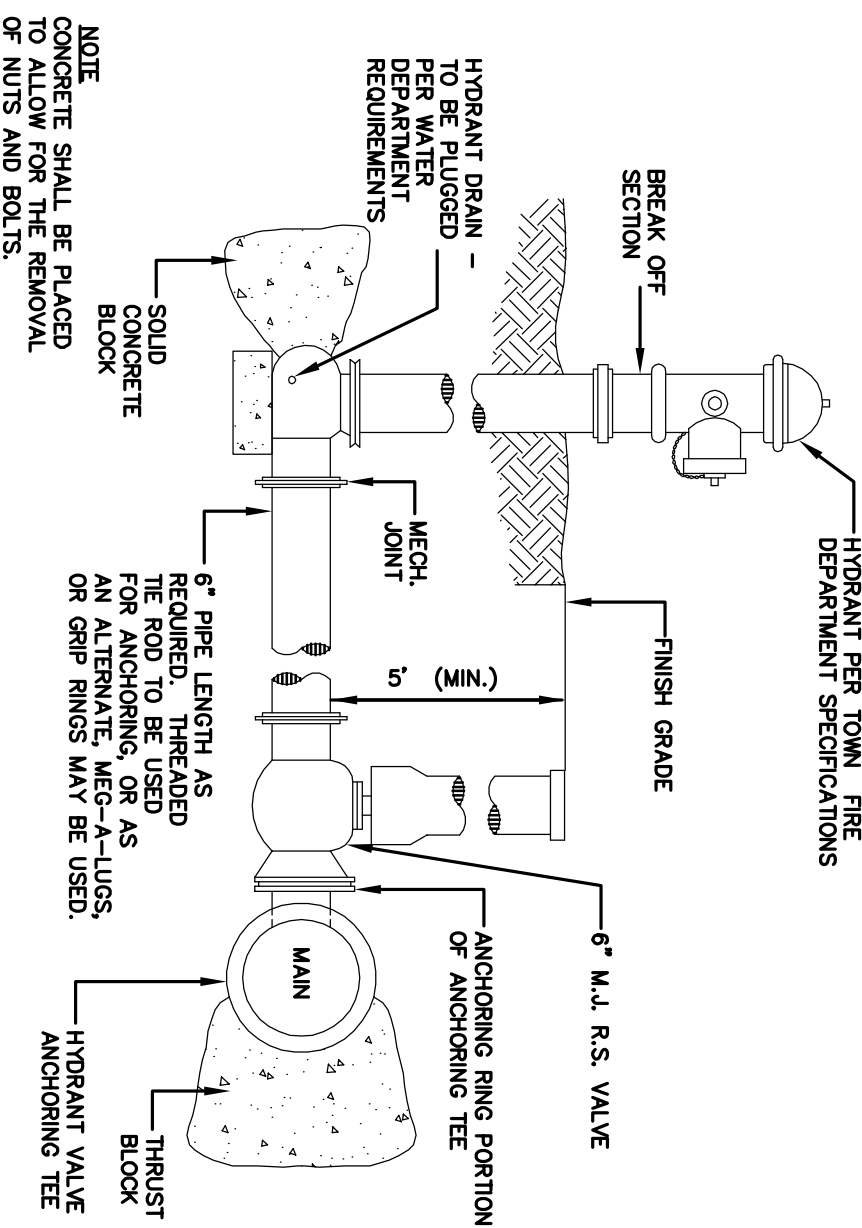
1. ALL WORK SHALL BE DONE IN CONFORMANCE WITH THE CITY OF LACONIA REGULATIONS, AND ALL ROAD AND DRAINAGE STRUCTURES SHALL MEET NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION (HDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 1990.
2. BACKFILL OF TRENCHES SHALL BE IN 6\"/>

TYPICAL WATER TRENCH
(NOT TO SCALE)



WET TAP TEE INSTALLATION
(NOT TO SCALE)

- NOTE:**
1. ALL MATERIAL AND INSTALLATION PROCEDURES WILL CONFORM TO D.P.W. TECHNICAL SPECIFICATIONS.
 2. ALL PIPE SHOULD HAVE A MINIMUM DEPTHS OF 5' FROM TOP OF PIPE TO FINISH GRADE.
 3. MIN 2'x2'x4' PRECAST CONCRETE THRUST BLOCK MAY BE USED WITH APPROVAL OR CONCRETE THRUST BLOCK POURED AGAINST UNDISTURBED EARTH – SIZE TO BE BASED ON SIZE OF FITTING AND PRESSURE IN WATERMAIN.



HYDRANT INSTALLATION DETAIL
NOT TO SCALE

MINIMUM THRUST BLOCK BEARING AREA (SQ. FT.)	MINIMUM THRUST BLOCK BEARING AREA (SQ. FT.)
12"	1.5
14"	2.0
16"	2.5
18"	3.0
20"	3.5
22"	4.0
24"	4.5
26"	5.0
28"	5.5
30"	6.0
32"	6.5
34"	7.0
36"	7.5
38"	8.0
40"	8.5
42"	9.0
44"	9.5
46"	10.0
48"	10.5
50"	11.0
52"	11.5
54"	12.0
56"	12.5
58"	13.0
60"	13.5
62"	14.0
64"	14.5
66"	15.0
68"	15.5
70"	16.0
72"	16.5
74"	17.0
76"	17.5
78"	18.0
80"	18.5
82"	19.0
84"	19.5
86"	20.0
88"	20.5
90"	21.0
92"	21.5
94"	22.0
96"	22.5
98"	23.0
100"	23.5

WATER SYSTEM CONSTRUCTION DETAILS

TAX MAP 33 LOT 18
Kearsarge Mountain Road
Warner, New Hampshire

REVISIONS

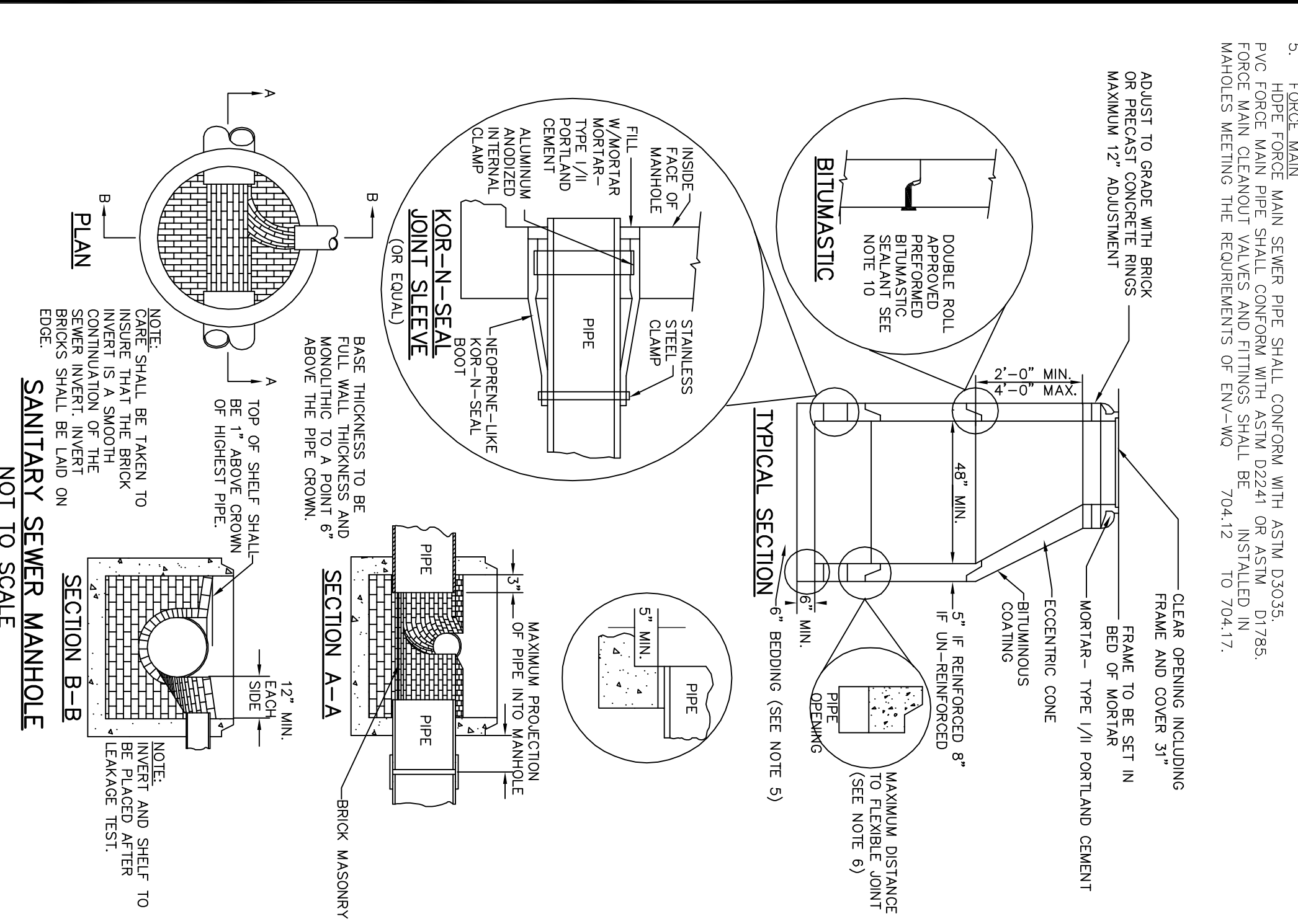
DATE	DESCRIPTION	DWN BY	CK BY

Rokeh Consulting, LLC
89 KING ROAD, CHICHESTER, NH
PH: 603-387-8688

SCALE: AS NOTED
DATE: JUNE 28, 2023
DR. BY: JR CK. BY: JR
JOB NO. _____
SHEET NO. 15 OF 16

- (1) THE MANHOLE VACUUM TEST SHALL IN ACCORDANCE WITH ASTM D1244 AND CONFORM TO THE FOLLOWING:
 - (A) THE INITIAL VACUUM GAUGE TEST PRESSURE SHALL BE 10 INCHES H.G. AND
 - (B) THE MINIMUM ACCEPTABLE TEST HOLD TIME FOR A 1-INCH HO PRESSURE DROP TO 9 INCHES HG SHALL BE:
 - A. ASTM F1417 STANDARD TEST METHOD FOR INSTALLATION ACCEPTANCE OF PLASTIC GRAVITY SEWER LINES USING LOW-PRESSURE AIR¹, OR
 - B. UNI-BELL PVC PIPE ASSOCIATION UNI-B-6, "LOW-PRESSURE AIR TESTING OF INSTALLED SEWER PIPE"
 - C. NOT LESS THAN 3 MINUTES FOR MANHOLES MORE THAN 15 FEET DEEP;
- (2) THE MANHOLE SHALL BE REPAIRED AND RETESTED IF THE TEST HOLD TIMES FAIL TO ACHIEVE THE ACCEPTANCE LIMITS SPECIFIED ABOVE.
- (3) FOLLOWING COMPLETION OF THE LEAKAGE TEST, THE FRAME AND COVER MEANS USED TO PREVENT ACCIDENTAL ENTRY BY UNAUTHORIZED PERSONS, CHILDREN, OR ANIMALS, UNTIL THE CONTRACTOR IS READY TO MAKE FINAL ADJUSTMENT TO GRADE, MINIMUM SIZE PIPE FOR HOUSE SERVICE SHALL BE SIX INCHES.

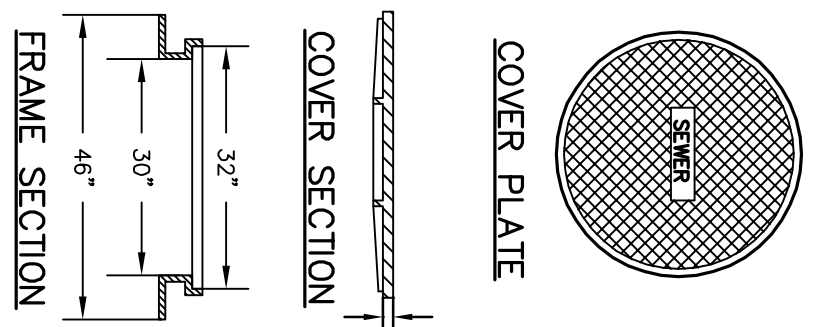
- PIPE AND JOINT MATERIALS
- A. PLASTIC PIPE:
 1. PVC SEWER PIPE AND FITTINGS SHALL CONFORM TO ASTM D2412 (SOR 35 MANHOLE), METHODS OF SHIPPING AND STORAGE ON SITE SHALL BE AS SHOWN ON THE DRAWING. DAMAGED PIPE SHALL BE REJECTED AND REMOVED FROM THE JOB SITE.
 2. ALL FITTINGS SHALL BE INJECTION MOULDED FITTINGS, FABRICATED BY A MANUFACTURER WHOSE NAME AND ADDRESS SHALL BE LISTED ON THE FITTINGS AND NOT ALLOWED EXCEPT AS PERMITTED BY THE TOWN ENGINEER.
 3. JOINTS FOR PVC PIPE SHALL BE OIL RESISTANT COMPRESSION RINGS OF ELASTOMERIC MATERIAL CONFORMING TO ASTM D3212. MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION SHALL BE FOLLOWED.
 4. DICUITE IRON PIPE:
 5. FORCE MAIN:
 - A. HOPE FORCE MAIN SEWER PIPE SHALL CONFORM WITH ASTM D3035
 - B. PVC FORCE MAIN PIPE SHALL CONFORM WITH ASTM D2241 OR ASTM D1785.
 - C. FORCE MAIN CLEANOUT VALVES AND FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ENY-WO 704.12 TO 704.17.



OWNER / APPLICANT:
 Sydney Elizabeth Boyer
 Kearsarge Mountain Road
 Warner, NH 03278

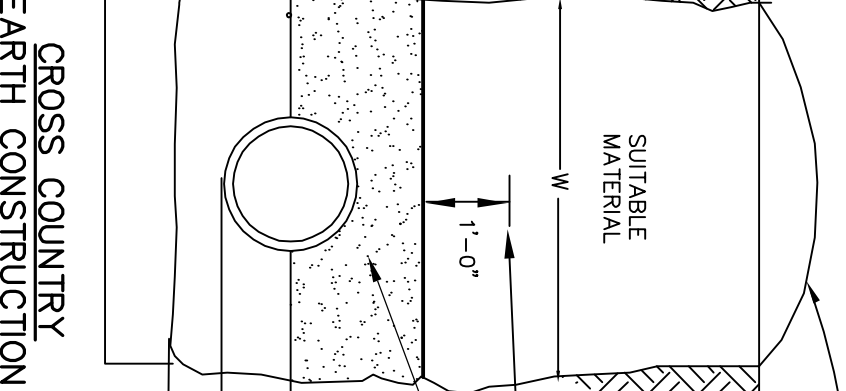
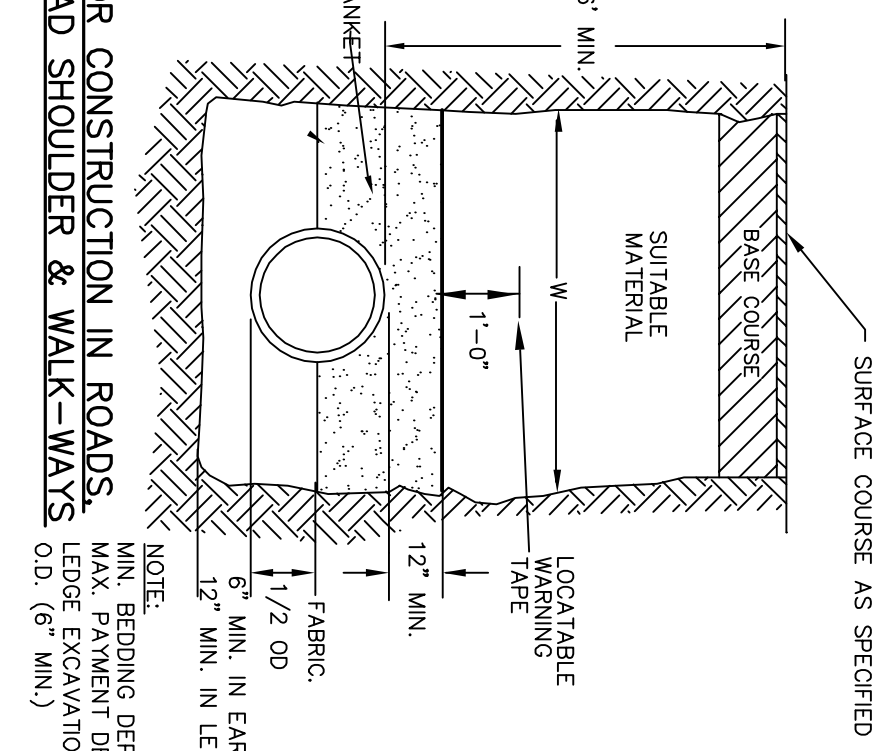
GRAVITY SEWER PIPE TESTING, PER ENY-WO 704.06

- (1) ALL NEW GRAVITY SEWERS SHALL BE TESTED FOR WATER TIGHTNESS BY THE USE OF LOW-PRESSURE AIR TESTS.
- (2) LOW-PRESSURE AIR TESTING SHALL BE IN ACCORDANCE WITH A. ASTM F1417 STANDARD TEST METHOD FOR INSTALLATION ACCEPTANCE OF PLASTIC GRAVITY SEWER LINES USING LOW-PRESSURE AIR¹, OR B. UNI-BELL PVC PIPE ASSOCIATION UNI-B-6, "LOW-PRESSURE AIR TESTING OF INSTALLED SEWER PIPE"
- (3) ALL NEW GRAVITY SEWERS SHALL BE CLEANED AND VISUALLY INSPECTED USING A LAMP TEST AND BY INTRODUCING WATER TO DETERMINE THAT THERE IS NO STANDING WATER IN THE SEWER, AND TRUE TO LINE AND GRADE FOLLOWING INSTALLATION AND PRIOR USE.
- (4) ALL PLASTIC SEWER PIPE SHALL VISUALLY INSPECTED AND DEFLECTION TESTED NOT LESS THAN 30 DAYS NOR MORE THAN 90 DAYS FOLLOWING THE INSTALLATION.
- (5) THE MAXIMUM ALLOWABLE DEFLECTION OF FLEXIBLE SEWER PIPE SHALL BE AS SHOWN ON THE DRAWING. DEFLECTION TEST SHALL BE CONDUCTED AT A PRESSURE EQUAL TO THE GREATER OF 210 PSI OR 10% OF THE DESIGN OPERATING TOTAL DYNAMIC HEAD OR AT LEAST 100 PSI.



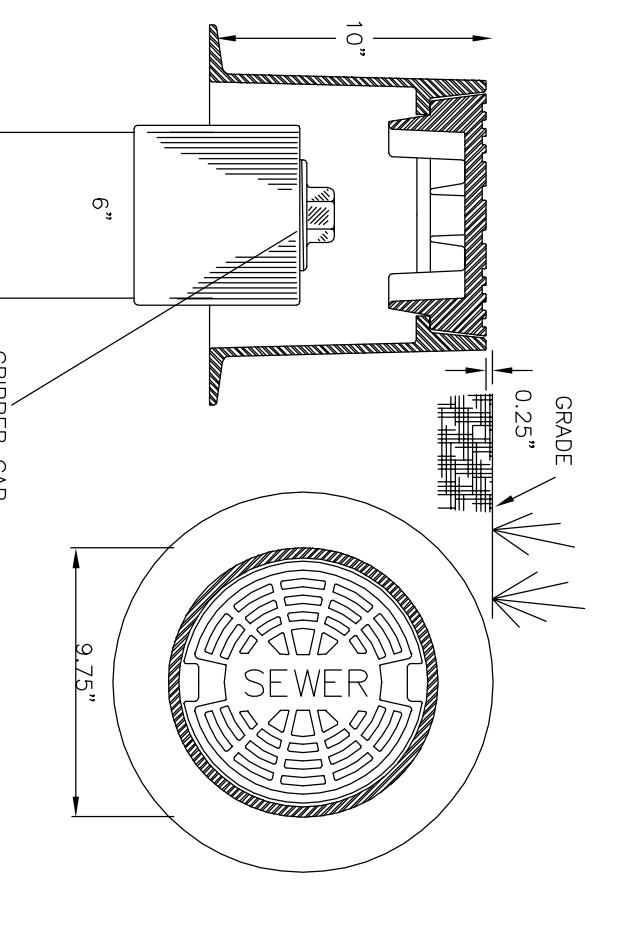
SEWER MANHOLE COVER NOTES:

1. CONTACT SURFACES OF COVERS AND FRAMES SHALL BE MAINTAINED AT THE FOUNDRY TO PREVENT ROUNING OF COVERS IN ANY ORIENTATION.
2. CASTINGS SHALL BE EQUAL TO CLASS 30, CONFORMING TO ASTM A48.
3. WHERE MANHOLE TOPS ARE TO BE FLOODED BY WATER THEY WILL HAVE A WATER TIGHT COVER.
4. FRAMES AND COVERS, MANHOLE FRAMES AND COVERS SHALL BE OF HEAVY DUTY DESIGN AND PROVIDE A 30 INCH CLEAR OPENING, A 3 INCH MINIMUM BEARING WORD SEWER, FOR SEWERS ON GRADE OR UNDER GRADE. COVERS SHALL HAVE NON-PENETRATION POK HOLES.
5. FRAMES AND COVERS SHALL BE NEMA/N MODEL R-1915 OR APPROVED EQUAL.
6. CASTINGS SHALL CONFORM WITH ASTM A48/48M PER ENY-WO 704.13.

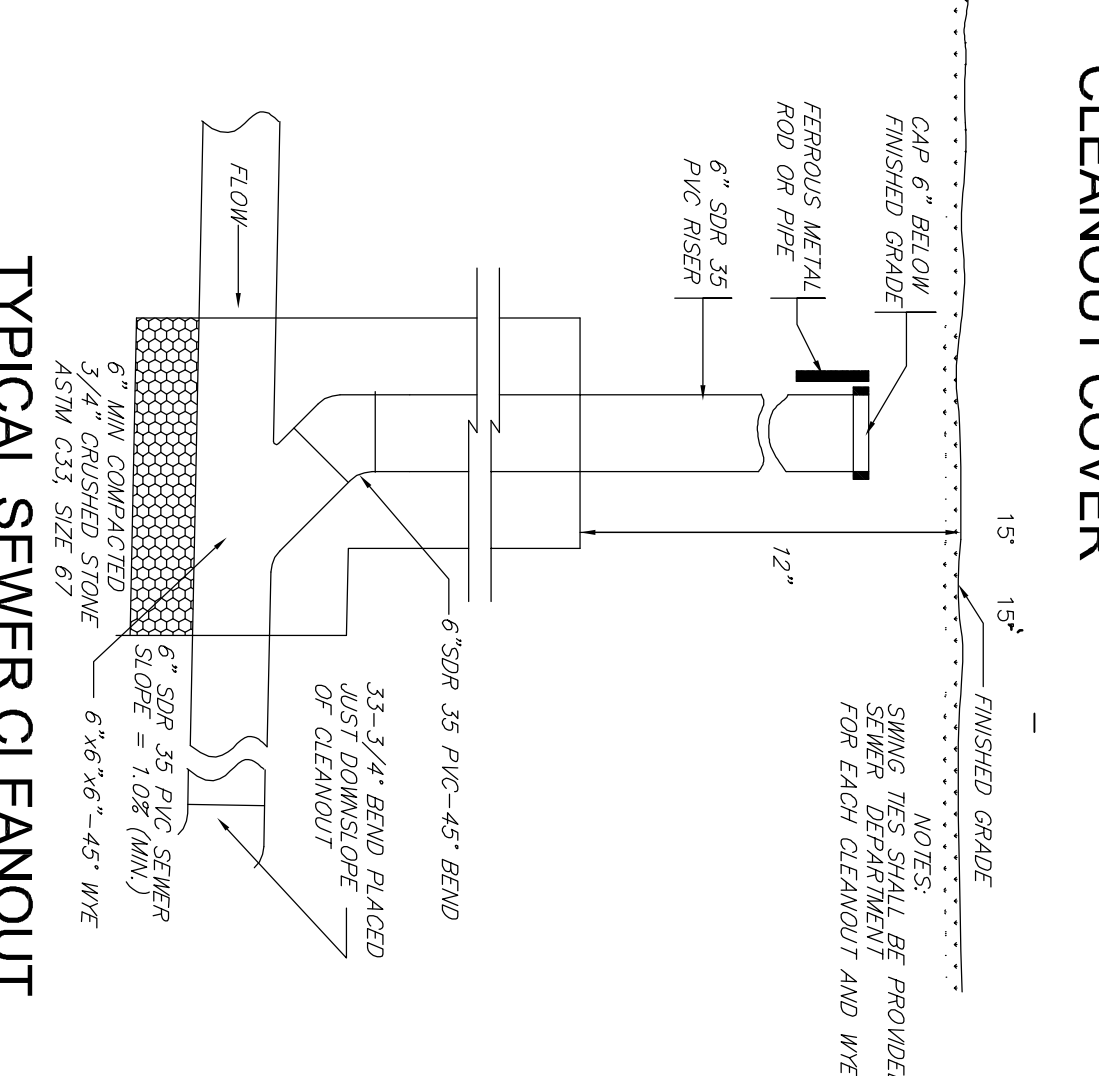


TYPICAL SANITARY SEWER TRENCH DETAIL

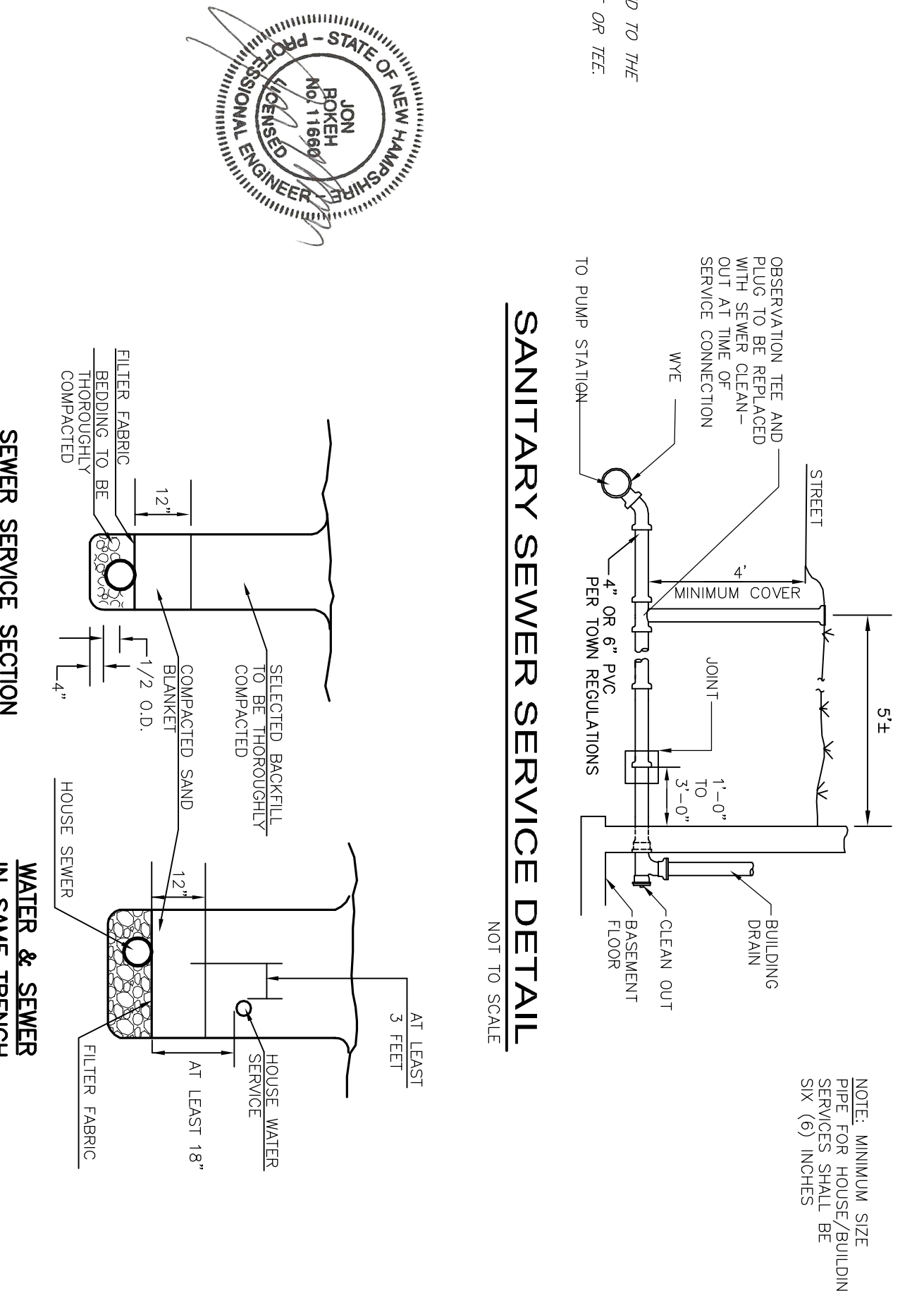
- NOT TO SCALE**
4. SUITABLE MATERIAL: TRENCH BACKFILL MATERIAL SHALL CONFORM WITH ENY-WO 704.11 (h). IN ROADS, ROAD SHOULDER, WALK-WAYS AND TRAVELED WAYS, SUITABLE MATERIAL SHALL BE AS SHOWN ON THE DRAWING. BUT SHALL EXCLUDE DEBRIS, PIECES OF PAVEMENT, ORGANIC MATTER, TOP SOIL, ALL WET OR SOFT MUCK, PEAT OR CLAY, AND SHALL EXCLUDE THE COURSE OF CONSTRUCTION, DETERMINED BY THE ENGINEER, WILL NOT PROVIDE SUFFICIENT SUPPORT OR MAINTAIN THE COMPLETED CONSTRUCTION IN A SUITABLE CONDITION.
 5. BASE COURSE: IF ORDERED BY THE ENGINEER, SHALL BE AS DESCRIBED ABOVE EXCEPT THAT THE ENGINEER MAY PERMIT THE USE OF TOP SOIL, LOAM, MUCK OR PEAT, IF HE IS SATISFIED THAT THE COMPLETED CONSTRUCTION WILL BE MAINTAINED AND PRESERVED. FINISHES MODULUS 2.3-3.1
 6. EXCAVATION IN LEDGE: EXCAVATION SHALL EXTEND AT ENY-WO 704.11 (c).
 7. W - MAXIMUM ALLOWABLE TRENCH WIDTH TO A PLANE 12 INCHES ABOVE THE PIPE: FOR PIPES 15 INCHES NOMINAL DIAMETER OR LESS, W SHALL BE NO MORE THAN 26 INCHES. FOR PIPES GREATER THAN 15 INCHES NOMINAL DIAMETER, W SHALL BE AS SHOWN ON THE DRAWING. FOR PIPES WITH FINISHES MODULUS 2.3-3.1, THE EXCAVATION BELOW GRADE SHALL BE AS SHOWN ON THE DRAWING.
 8. FOR CROSS COUNTRY CONSTRUCTION BACKFILL OR FILL SHALL BE MOUNDING TO A HEIGHT OF 6 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
 9. NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES DESIGN STANDARDS REQUIRE TO FOLLOWER SHOULD CONSTRUCTION BE REQUIRED FOR EXPOSED WATERLINE MAIN OR SERVICED RUNNING APPROXIMATELY PARALLEL AND LESS THAN 10 FT. HORIZONTALLY FROM THE PROPOSED AND SEWER INSTALLATION AND WHERE IT IS NOT PRACTICABLE TO PROTECTION MUST BE EMPLOYED.
 10. WHERE WATERLINES AND SEWER LINES CROSS THEY SHALL BE PERPENDICULAR AS POSSIBLE AND THE WATER MAIN SHALL HAVE ZERO LEAKAGE AT 25 POUNDS PER SQUARE INCH FOR GRAVITY SEWERS, AND AT 1-1/2 TIMES WORKING PRESSURE FOR FORCE MAINS.
 11. ALL SEWERS AT 8 PERCENT OR GREATER SLOPE SHALL HAVE TRENCH DAMS INSTALLED.
 12. UNLESS OTHERWISE NOTED ALL GRANULAR MATERIAL SHALL BE PLACED IN 12" LIFTS AND COMPACTED TO 95% OF THE MODIFIED PROCTOR TEST.



CLEANOUT COVER



SEWER SERVICE SECTION



REVISIONS

DATE	DESCRIPTION	DWN BY	CK BY

SEWER SYSTEM CONSTRUCTION DETAILS

TAX MAP 33 LOT 18

Kearsarge Mountain Road

Warner, New Hampshire

Scale: AS NOTED

DATE: JUNE 28, 2023

DR. BY: JR CK. BY: JR

JOB NO. _____

SHEET NO. 16 OF 16

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