### ABUTTER LIST

STEPHEN CURRIE PO BOX 85

MARTIN FAMILY REVOCABLE TRUST 132 AMHERST STREET NORTH READING, MA 01864 MILFORD, NH 03055

ALBERT & LISA VASAS

128 AMHERST STREET

MILFORD, NH 03055

RICHARD N. KEOGH

118 AMHERST ST MILFORD, NH 03055

3-84-2 & 23-4 DEBRA A. DUNNE

138 AMHERST STREET MILFORD, NH 03055

BARTLETT

KATHY WALKER 108 AMHERST STREET MILFORD, NH 03055

M&B REALTY, LLC HENRIETTA M. & RAYMOND COLLINS 15 POWERS STREET 104 AMHERST STREET MILFORD, NH 03055 MILFORD, NH 03055

2. EXISTING CONDITIONS BOUNDARY SHEET \*

6. P-2, PROPOSED ROAD PLAN & PROFILE

7. P-3, AMHERST STREET PLAN & PROFILE

8. P-4, SIGHT DISTANCE PLAN & PROFILE

GLENN C. BURNS 100 AMHERST STREET MILFORD, NH 03055

ROSS MACLAREN 23 NORTH STREET MILFORD, NH 03055

PETER F. MORAN III PO BOX 232 MILFORD, NH 03055

22-58-1 & 3-98 NORMAN & JENNIFER FISK PO BOX 612 AMHERST, NH 03031

SHEET INDEX

1. COVER SHEET \*

3. SUBDIVISION PLAN \*

4. EASEMENT PLAN \*

5. P-1, OVERVIEW PLAN

9. P-5, UTILITY PLAN

10. LS-1 LANDSCAPE PLAN

12. D-2, DRAINAGE DETAILS

13. D-3, EROSION DETAILS

14. D-4, SEWER LINE DETAILS

15. D-5, WATER LINE DETAILS (1)

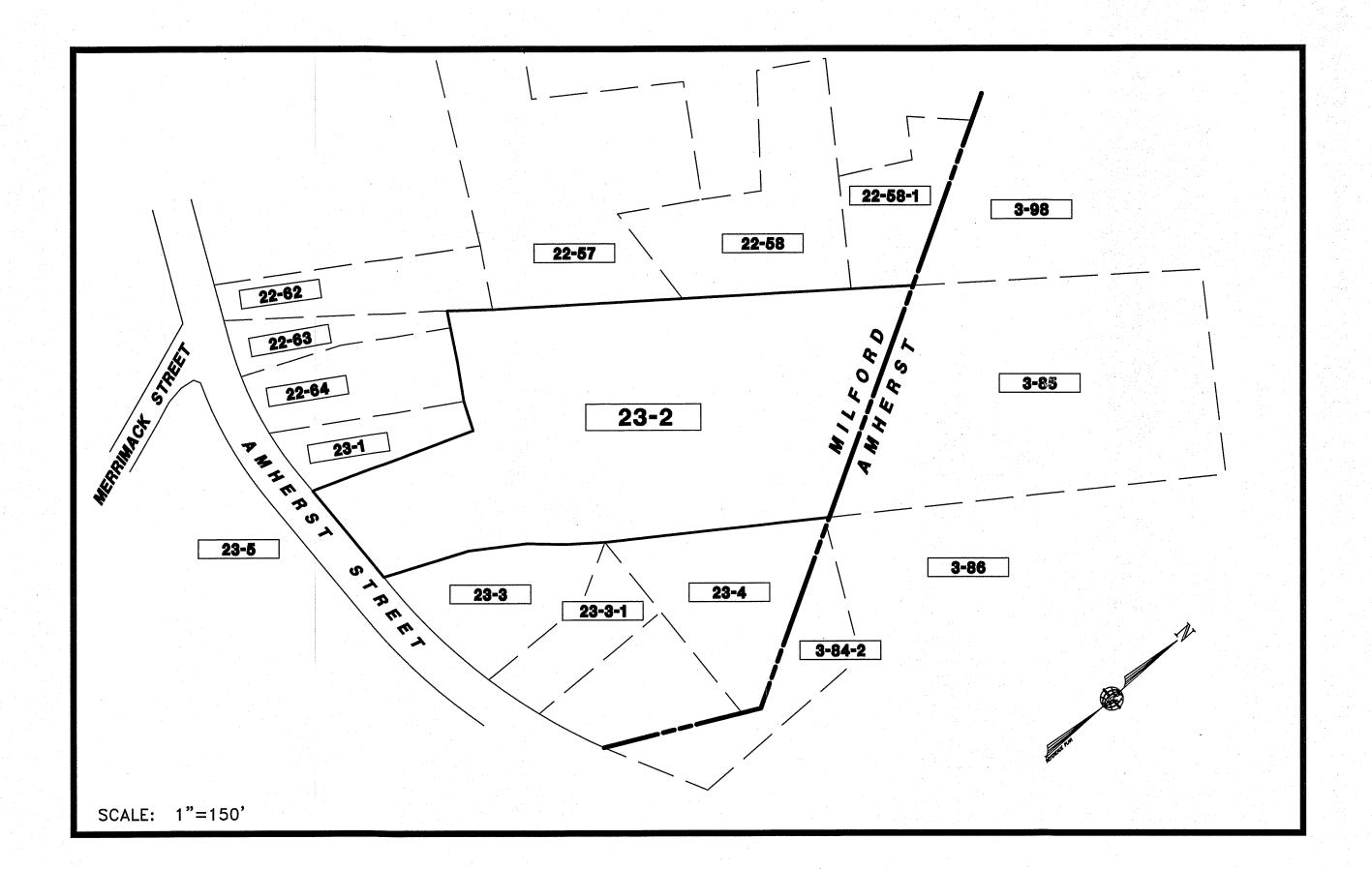
16. D-6, WATER LINE DETAILS (2)

11. D-1, CONSTRUCTION DETAILS

1. "SUBDIVISION PLAN - TAX MAP 23 LOT 3 - LAND OF: - GWENDOLYN R. & - SCOTT A. KRAUSS - AMHERST STREET - MILFORD & AMHERST, NEW HAMPSHIRE" SCALE: 1"=40' DATED SEPTEMBER 15, 2015. PREPARED BY THIS OFFICE AND RECORDED AT H.C.R.D. AS PLAN #38767.

2. "BARTLETT COMMON - CONDOMINIUM SITE PLAN - AMHERST STREET & NORTH STREET - AMHERST, NEW HAMPSHIRE - PREPARED FOR: - STARTER BUILDING & DEVELOPMENT, LLC - 20 TRAFALGAR

3. "LOT LINE ADJUSTMENT PLAN - MAP 22 / LOTS 52, 53, 57 & 58 (MILFORD) & MAP 3 / LOT 98 (AMHERST) - ROSS & SANDRA GANGLOFF, - JEFFREY M. & LISA C. SZELEST, - BRANDI THOMPSAON & ERIC KILBANE, - OCRAH LAND DEVELOPMENT, LLC AND - NORMAN & JENIFER FISK - NORTH STREET - TOWN OF MILFORD & AMHERST - HILLSBOROUGH COUNTY, NEW HAMPSHIRE" SCALE: 1"50' DATED AUGUST 3, 2007. PREPARED BY SANFORD SURVEYING AND ENGINEERING AND RECORDED AT H.C.R.D. AS PLAN #35842.



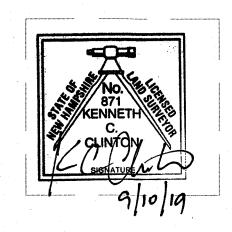
OWNER'S SIGNATURES.

RICHARD N. KEOGH

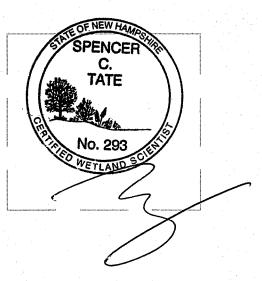
DATE

MILFORD, NH PLANNING BOARD SUB DIVISION # DATE APPROVED:

### MERIDIAN DESIGN PROFESSIONALS



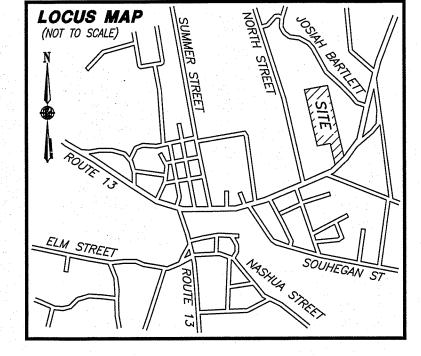




### REFERENCE PLANS

SQUARE, SUITE 109 - NASHUA, NH 03063" SCALE: 1"=100' DATED MAY 24, 2000. PREPARED BY TF MORAN AND RECORDED AT H.C.R.D. AS PLAN #30504.

4. "BOUNDARY PLAN OF LAND - TAX MAP LOT 22-64 - FRANK C., SR. & PATRICIA A. STOREY - MILFORD, NEW HAMPSHIRE" SCALE: 1"=50' DATED APRIL 10, 2002. PREPARED BY THIS OFFICE.



### NOTES

1. THE OWNER OF TAX MAP LOT 23-2 IS RICHARD N. KEOGH. 118 AMHERST STREET, MILFORD NEW HAMPSHIRE. SEE H.C.R.D. BK. 1615 DATED 8/17/1960.

2. THE PURPOSE OF THIS PLAN IS TO DEPICT A 8 LOT CONVENTIONAL SUBDIVISION OF TAX MAP LOT 23-2, TO BE ACCESSED BY A PUBLIC ROAD AND UNDERGROUND

3. TOTAL AREA OF THE SITE IS 6.726 ACRES OR 292,993 SQ. FT.

4. ZONING FOR THE SITE IS RESIDENCE "A". MINIMUM REQUIREMENTS ARE: 15,000 S.F. OF AREA WITH MUNICIPAL SEWER & WATER & 100' OF ROAD FRONTAGE. SETBACKS ARE: 30' FRONT & 15' SIDE & REAR.

5. THE SITE LIES OUTSIDE OF THE 100 YEAR FLOOD HAZZARD AREA ON F.I.R.M. COMMUNITY PANEL MAP NUMBER 33011C0459D EFFECTIVE DATE SEPTEMBER 25,

6. THE SITE LIES WITHIN THE LEVEL 1 PROTECTION AREA OF THE GROUNDWATER PROTECTION OVERLAY DISTRICT AND IS SUBJECT TO GROUNDWATER PROTECTION OVERLAY DISTRICT REGULATIONS.

7. THE PROPOSED LOTS WILL BE SUBJECT TO POLICE AND LIBRARY IMPACT FEES.

8. HORIZONTAL ORIENTATION AND VERTICAL DATUM ARE BASED ON REFERENCE PLAN

9. WETLANDS SHOWN WERE DELINEATED IN ACCORDANCE WITH THE ARMY CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL, TECHNICAL REPORT Y-87-1 AND THE NORTHEAST REGIONAL SUPPLEMENT, BY SPENCER C. TATE C.W.S. OF THIS OFFICE IN

10. PROPOSED LOTS 23-2-5 & 23-2-6 ARE SUBJECT TO A PROPOSED COMMON DRIVEWAY EASEMENT AS SHOWN AND PROPOSED LOT 23-2-7 IS SUBJECT TO A PROPOSED DRAINAGE EASEMENT AS SHOWN

11. NO RECORDED EASEMENTS OR DEED RESTRICTIONS WERE FOUND FOR THE PARENT LOT 23-2.

12. ALL WATER, SEWER, ROAD AND DRAINAGE WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TOWN OF MILFORD'S WATER UTILITIES DEPARTMENT AND PUBLIC WORKS DEPARTMENTS STANDARDS.

13. A SIGN, READING AS FOLLOWS, MUST BE POSTED AT THE ENTRANCE TO THE SUBDIVISION PRIOR TO ANY CERTIFICATE OF OCCUPANCY BEING ISSUED. "THIS ROAD HAS NOT BEEN ACCEPTED BY THE TOWN OF MILFORD. UNTIL THIS ROAD HAS BEEN ACCEPTED, THE TOWN ASSUMES NO RESPONSIBILITY FOR MAINTENANCE INCLUDING SNOW REMOVAL, NOR ANY LIABLITY FOR DAMAGE RESULTING FROM THE USE OF THIS ROAD. POSTED BY THE TOWN OF MILFORD."

14. THE PROPOSED PRIVATE RIGHT OF WAY IS NOT TO BE CONSIDERED A BUILDING LOT, BUT WILL BE CONVEYED TO THE OWNER OF AMHERST LOT 3-85 AND SHALL BE CONSIDERED A CONTIGUOUS PART THEREOF.

15. PRIOR TO THE SIGNING OF THE PLAN, ALL MONUMENTATION SHALL BE SET AND NOTED ON THE PLAN OR A SECURITY BE PROVIDED TO THE TOWN TO CAVER THE COST OF MONUMENTATION.

16. THE PRIVATE RIGHT OF WAY SHOWN SHALL PROVIDE ACCESS/EGRESS TO ONE BUILDABLE LOT AND SHALL NOT BE USED AND/OR IMPROVED AS PART OF A FUTURE

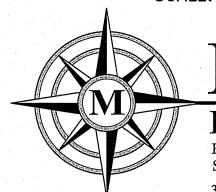
> SUBDIVISION PLAN LAND OF:

# RICHARD N. KEOGH

TAX MAP 23 LOT 2 MILFORD, NEW HAMPSHIRE

SCALE: AS SHOWN

MAY 28, 2019



# LAND SERVICES, INC.

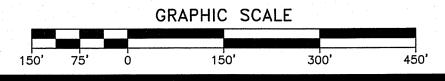
ENGINEERING | SURVEYING | PERMITTING SOIL & WETLAND MAPPING | SEPTIC DESIGN 31 OLD NASHUA ROAD, AMHERST, NH 03031 TEL. 603-673-1441 MERIDIANLANDSERVICES.COM FAX 603-673-1584

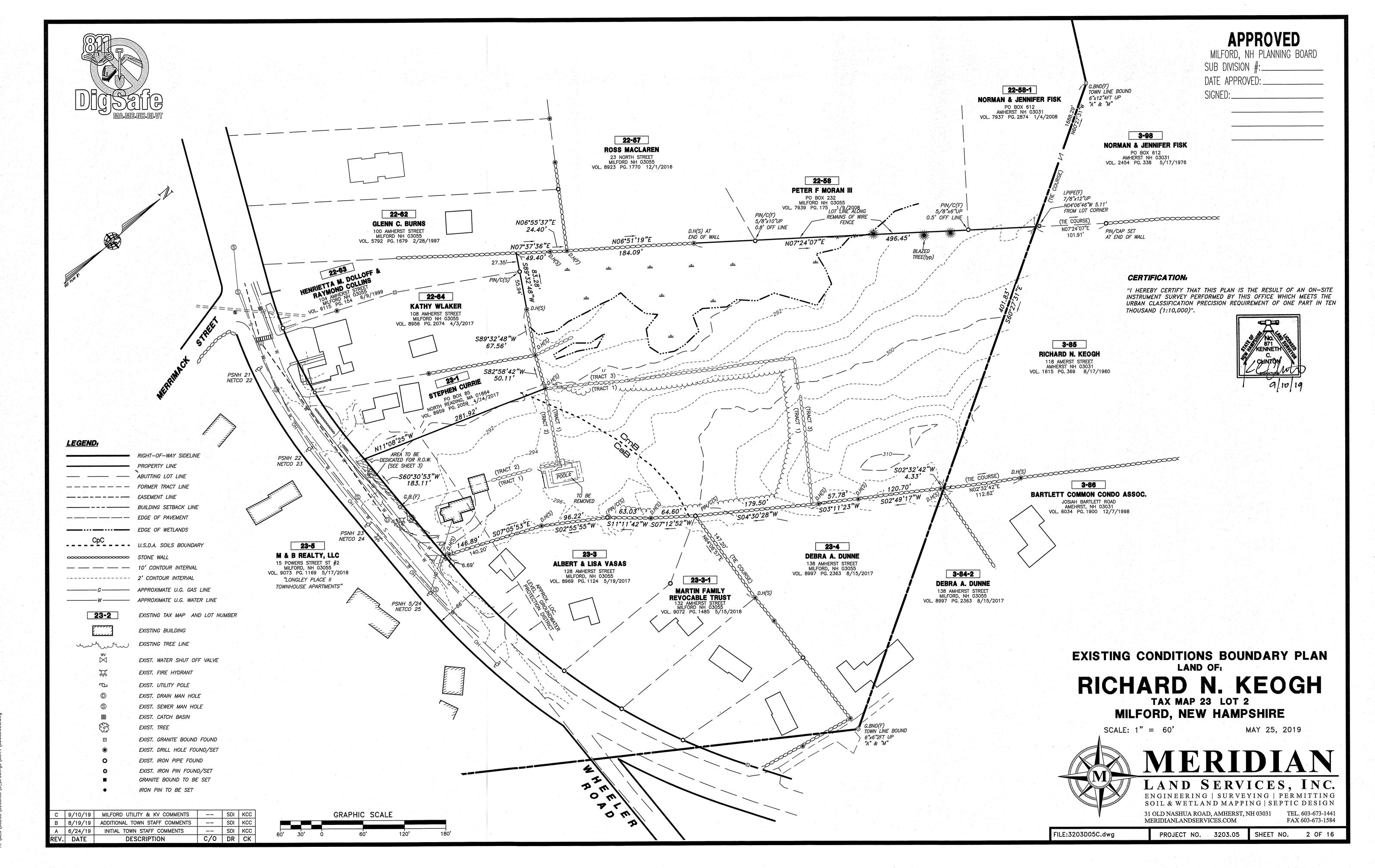
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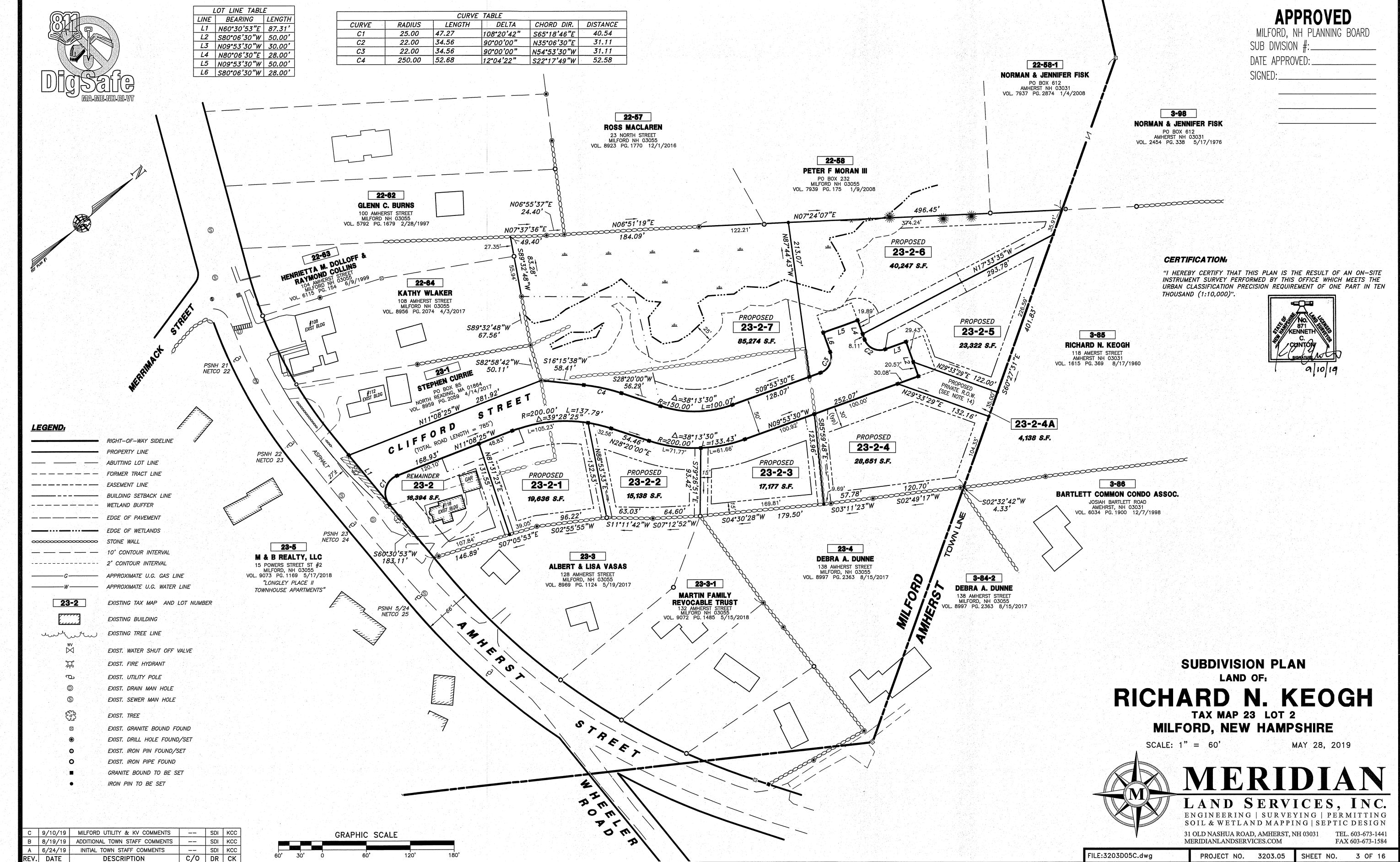
PROJECT NO. 3203.05

SHEET NO. 1 OF 16

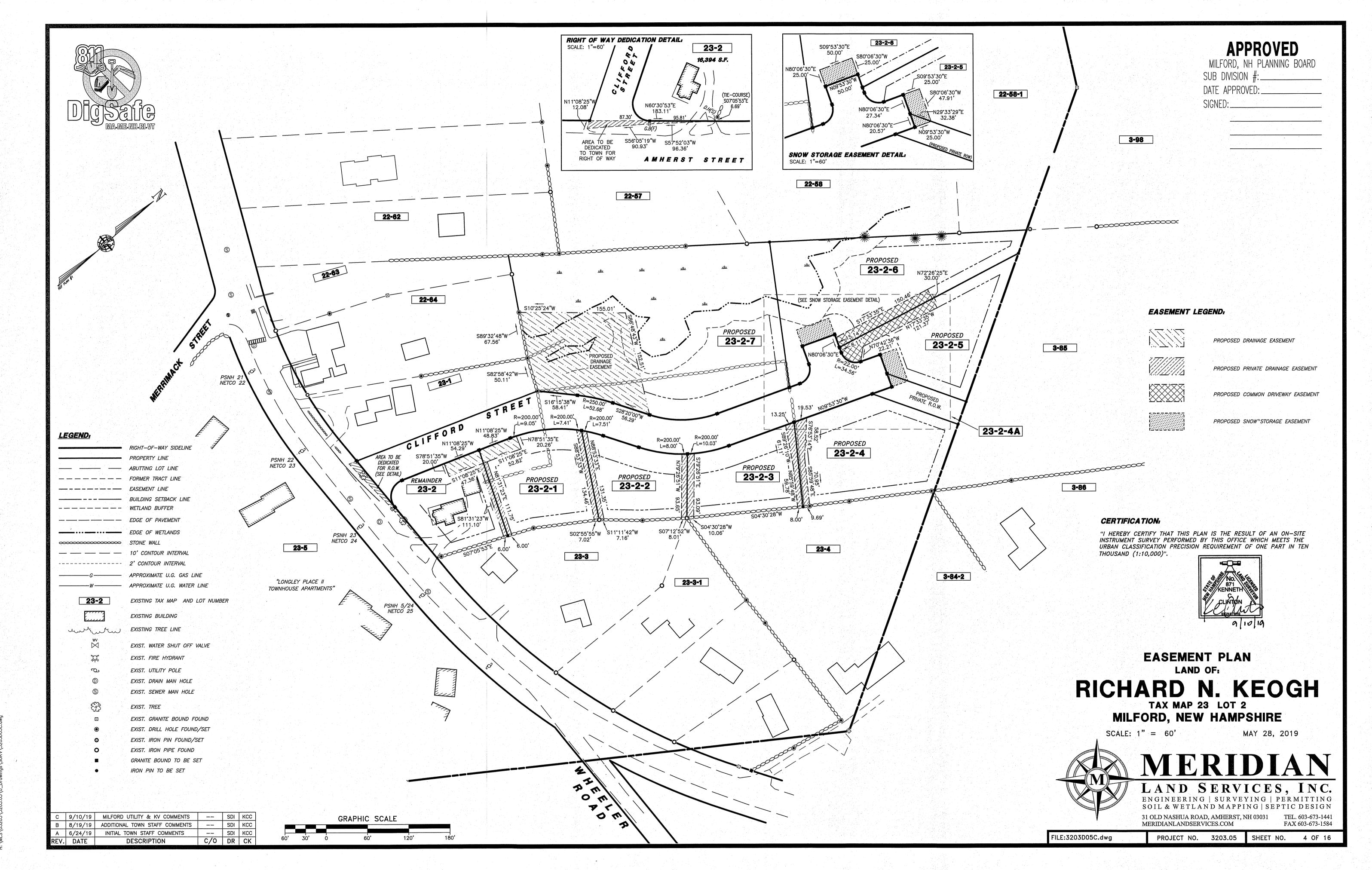
C | 9/10/19 | MILFORD UTILITY & KV COMMENTS | -- | SDI | KCC B | 8/19/19 | ADDITIONAL TOWN STAFF COMMENTS -- SDI KCC INITIAL TOWN STAFF COMMENTS -- SDI KCC A 6/24/19 C/O DR CK REV. DATE DESCRIPTION

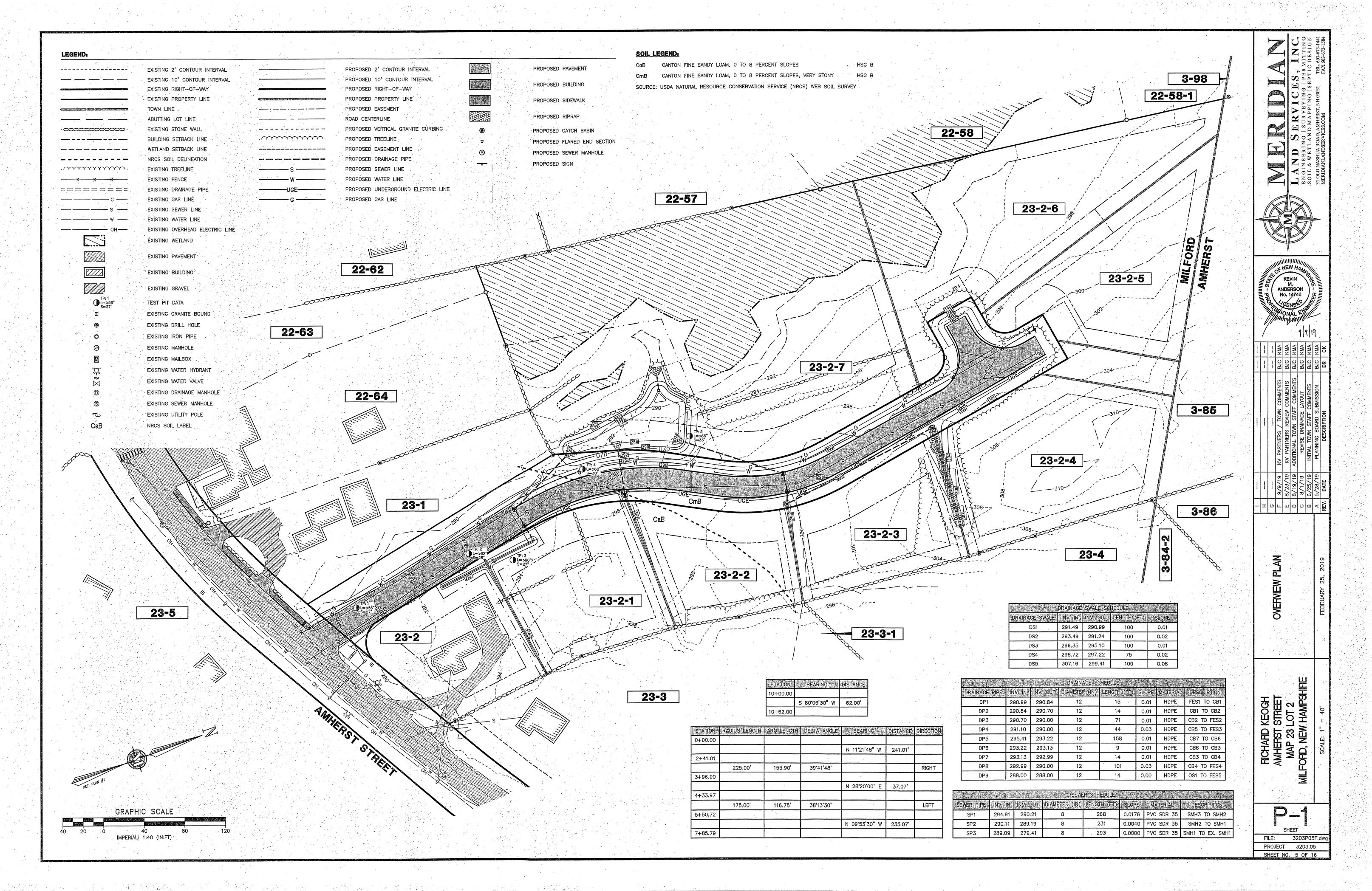




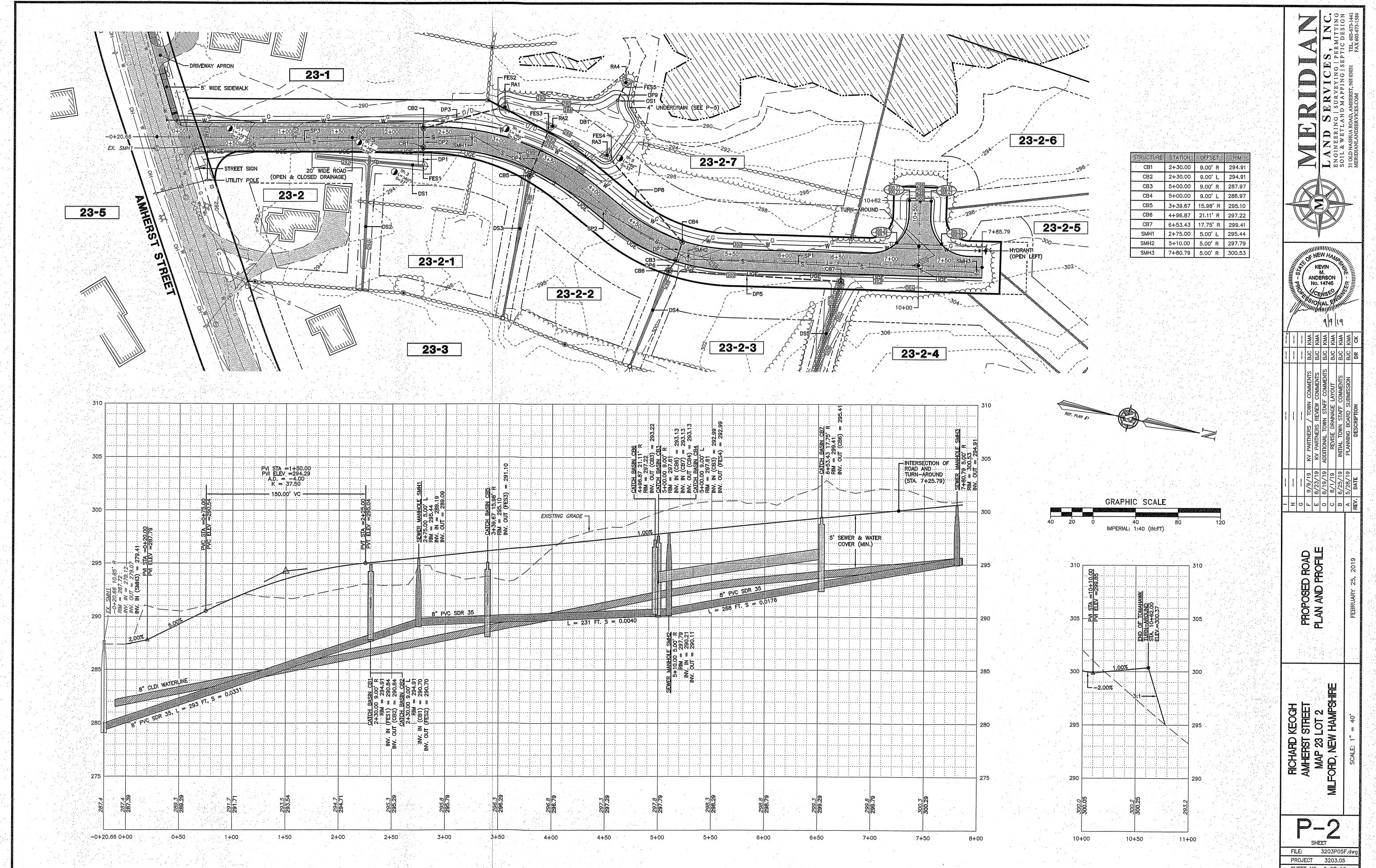


PROJECT NO. 3203.05 | SHEET NO. 3 OF 16

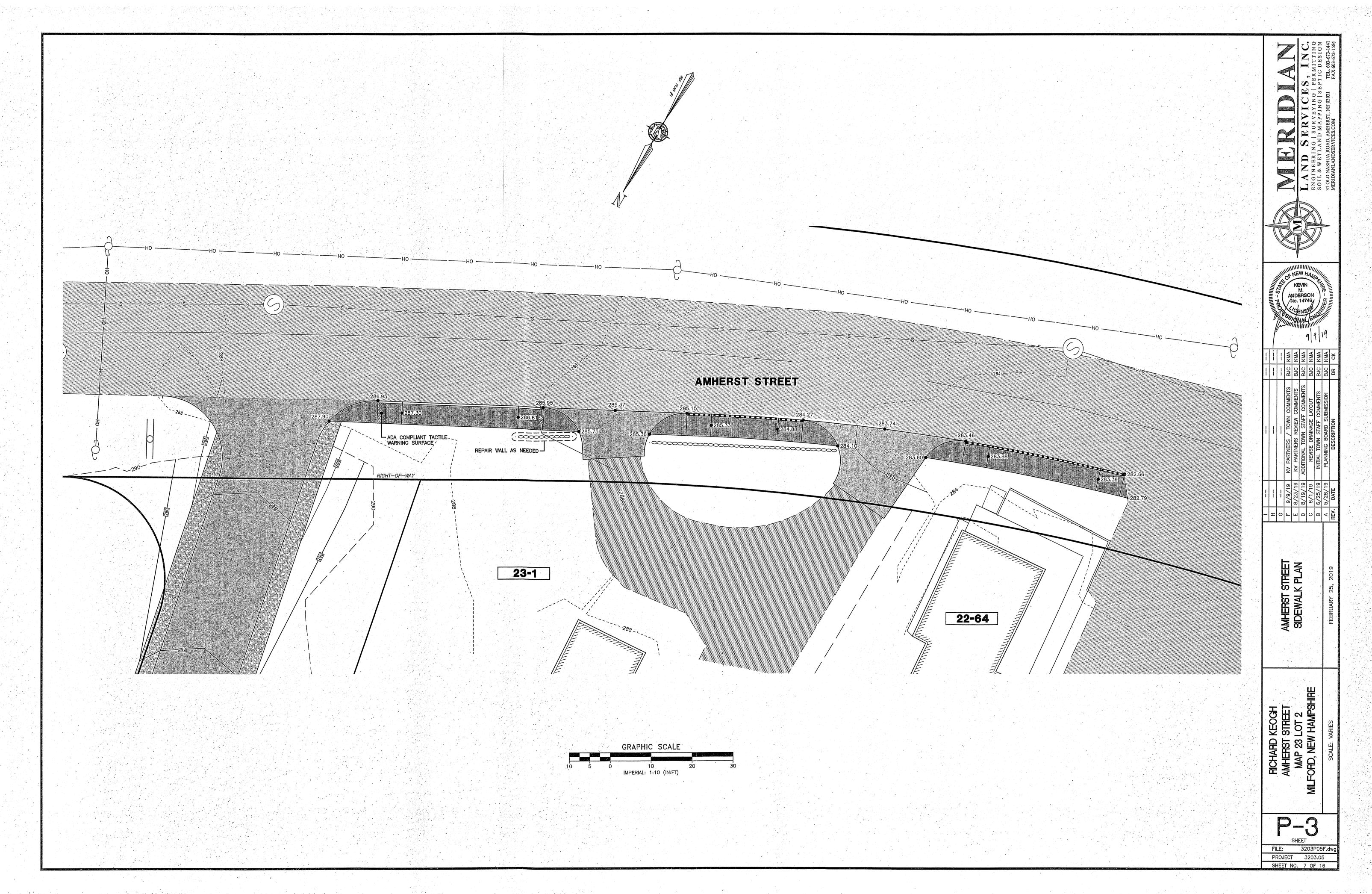




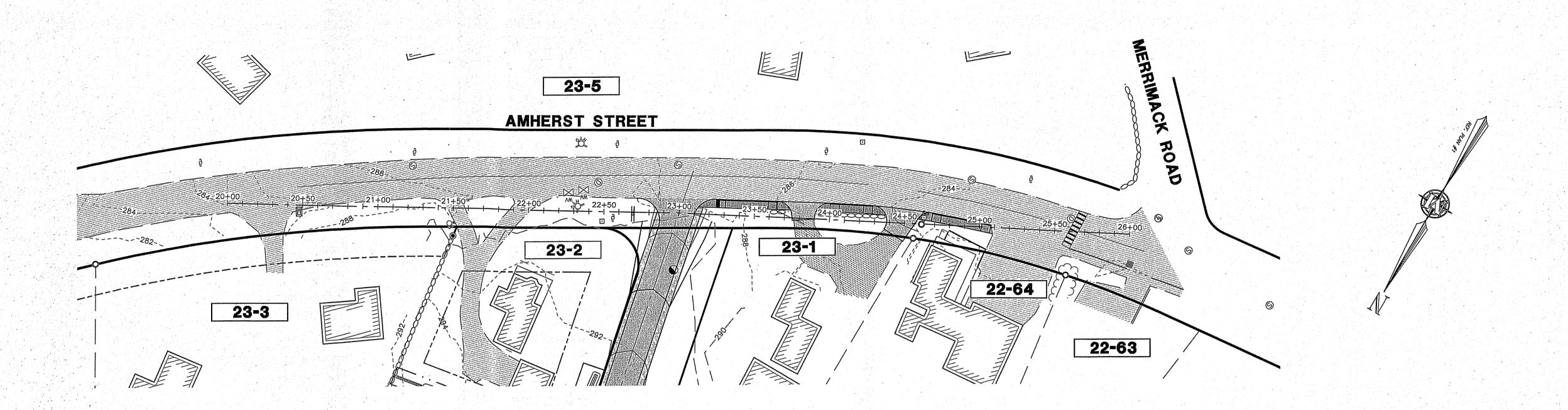
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SHEET NO. 6 OF 16

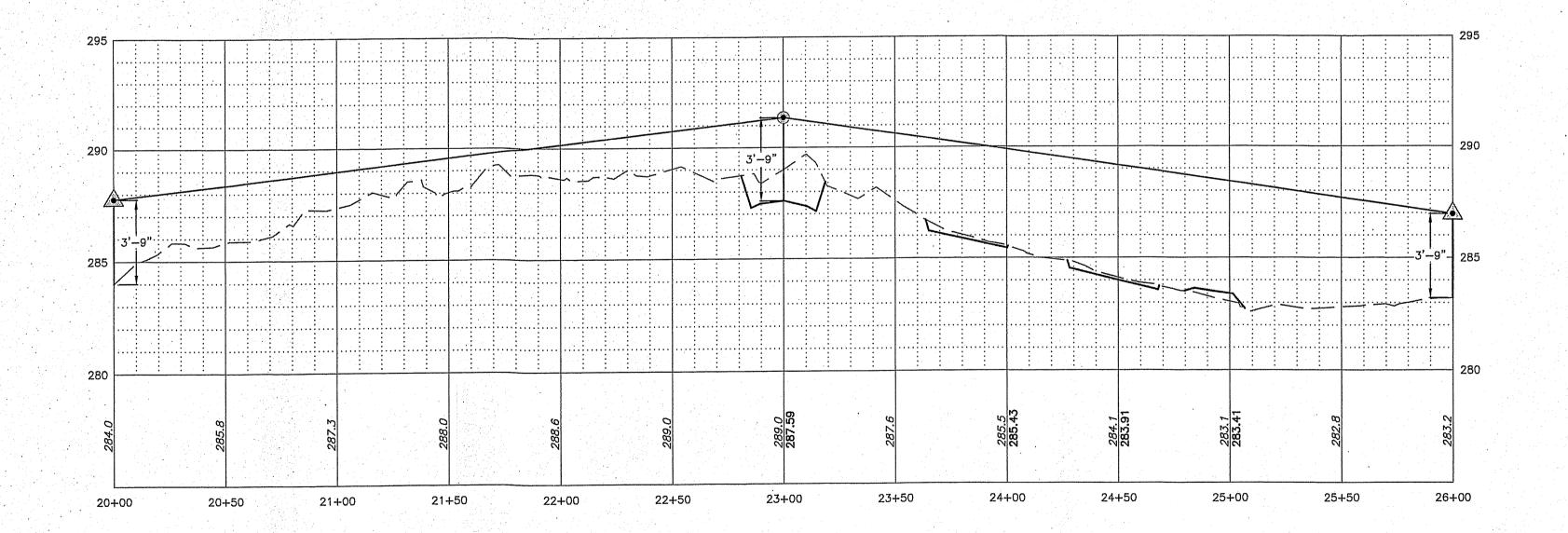


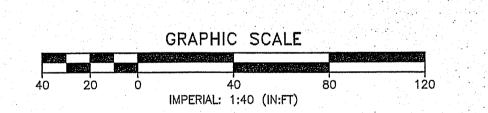
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SIGHT DISTANCE REQUIREMENTS

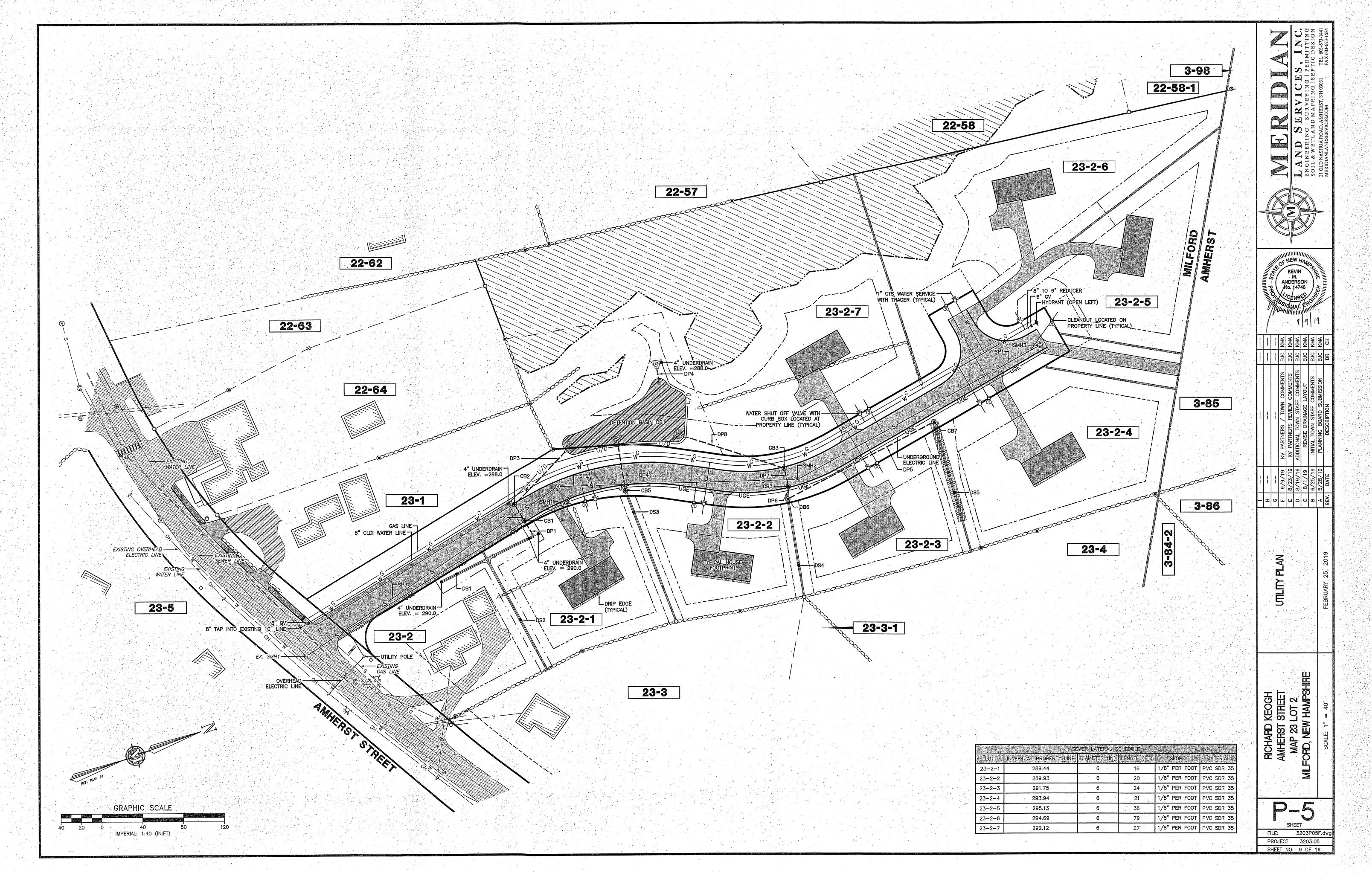
POSTED SPEED LIMIT ON AMHERST STREET: 30 MPH REQUIRED SIGHT DISTANCE: 300 FEET (FOR 26-35 MPH SPEED LIMIT)



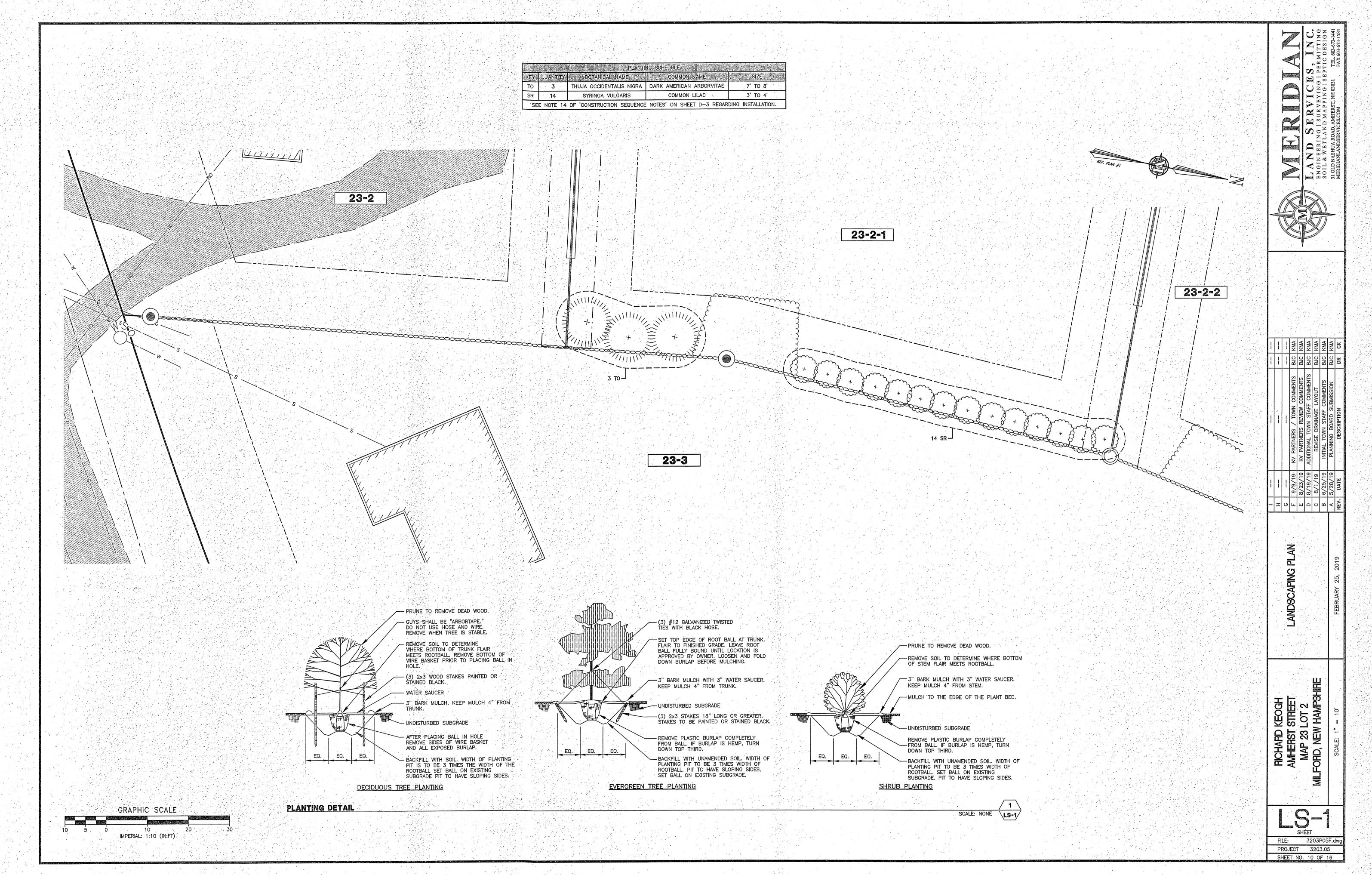


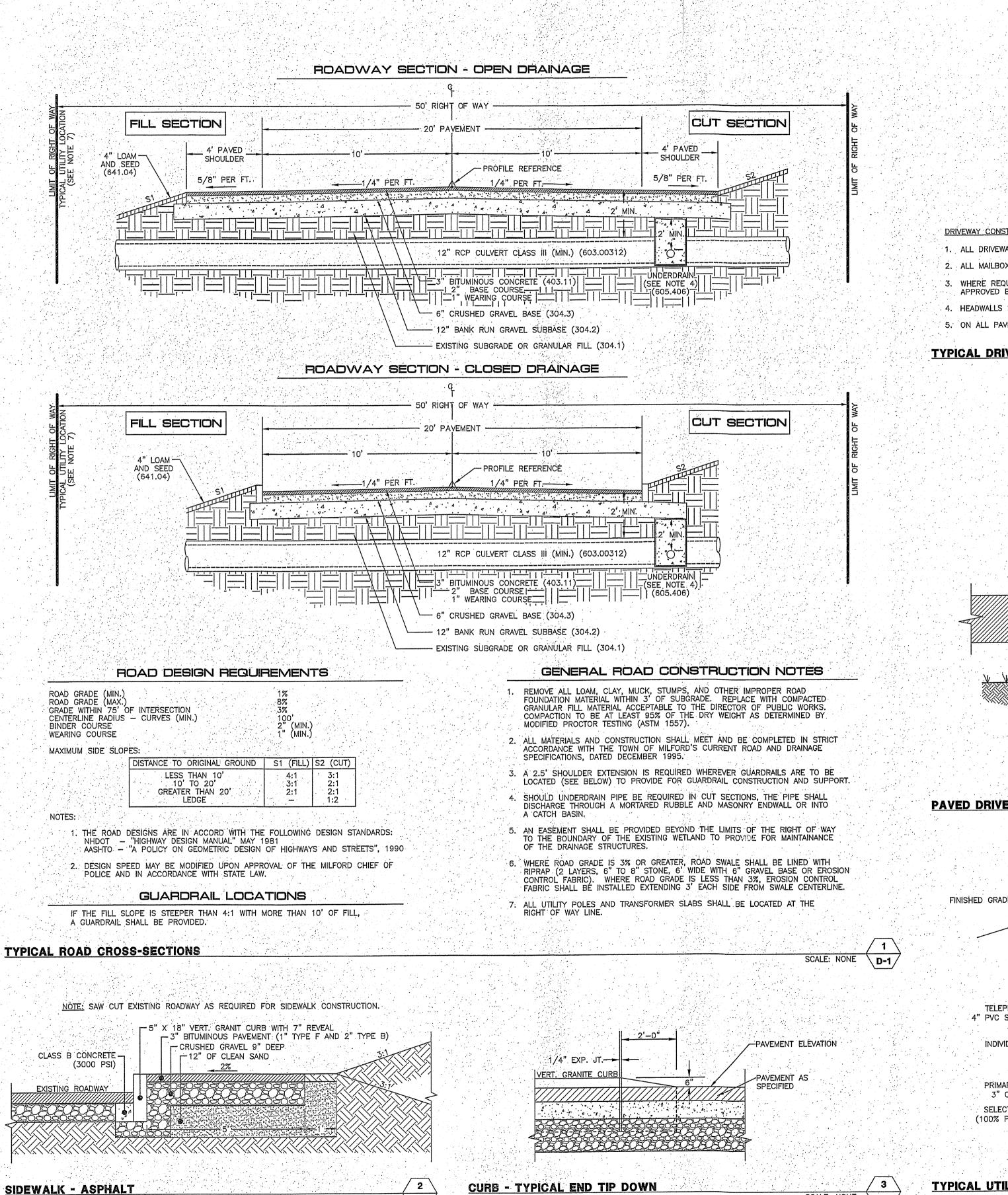
REV A B C D F T G H -SIGHT DISTANCE PLAN AND PROFILE SHEET FILE: 3203P05F.dwg PROJECT 3203.05

SHEET NO. 8 OF 16

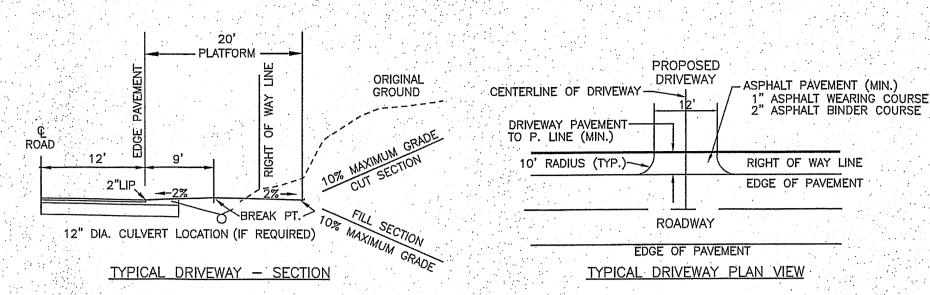


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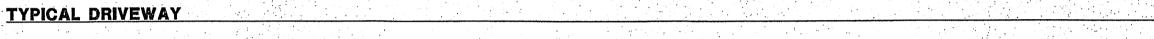


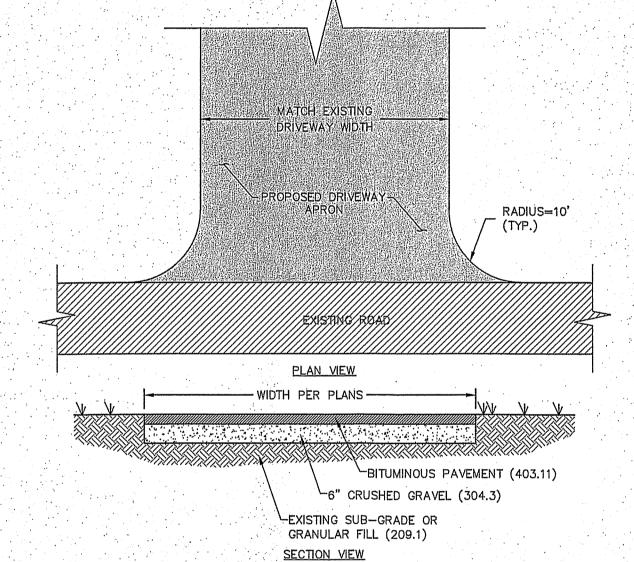
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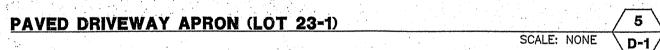


### DRIVEWAY CONSTRUCTION REQUIREMENTS

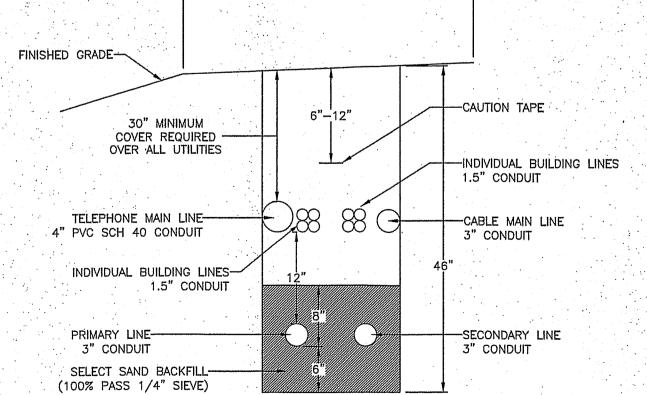
- ALL DRIVEWAYS CONNECTED TO TOWN ROADS MUST BE BUILT AND MAINTAINED BY THE HOMEOWNER OR HIS/HER REPRESENTATIVE IN ACCORDANCE WITH THESE SPECIFICATIONS AND THE TOWN DRIVEWAY REGULATIONS.
- ALL MAILBOXES SHALL BE PLACED ON THE LEFT UPON ENTERING THE PROPERTY TO FACILITATE MUNICIPAL SNOW REMOVAL
- WHERE REQUIRED, CULVERTS SHALL BE A MINIMUM OF TWELVE (12") INCHES IN DIAMETER AND SHALL BE CONSTRUCTED OF CORRUGATED METAL, REINFORCED CONCRETE, HIGH DENSITY POLYETHYLENE PIPE OR APPROVED EQUAL. THE DRIVEWAY SHALL HAVE A MINIMUM 3-FOOT SHOULDER ON EACH SIDE WHERE IT MEETS THE CULVERT.
- 4. HEADWALLS SHALL BE CONSTRUCTED OF STONE RUBBLE AND MORTAR, PRECAST CONCRETE OR APPROVED EQUAL AND INSTALLED ON BOTH ENDS OF THE CULVERT.
- 5. ON ALL PAVED ROADS, NEW DRIVEWAYS REQUIRE AN ASPHALT APRON FROM THE ROAD TO THE PROPERTY LINE.

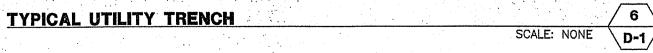


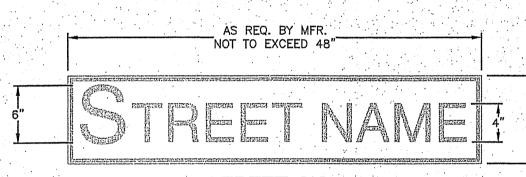




-ROAD SHOULDER-



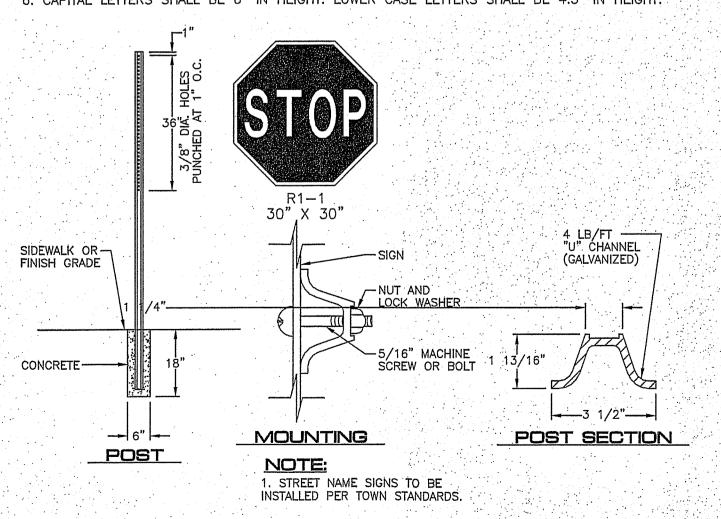




### STREET SIGN

### STREET SIGN NOTES:

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



SIGNS & POST SCALE: NONE \ D-1

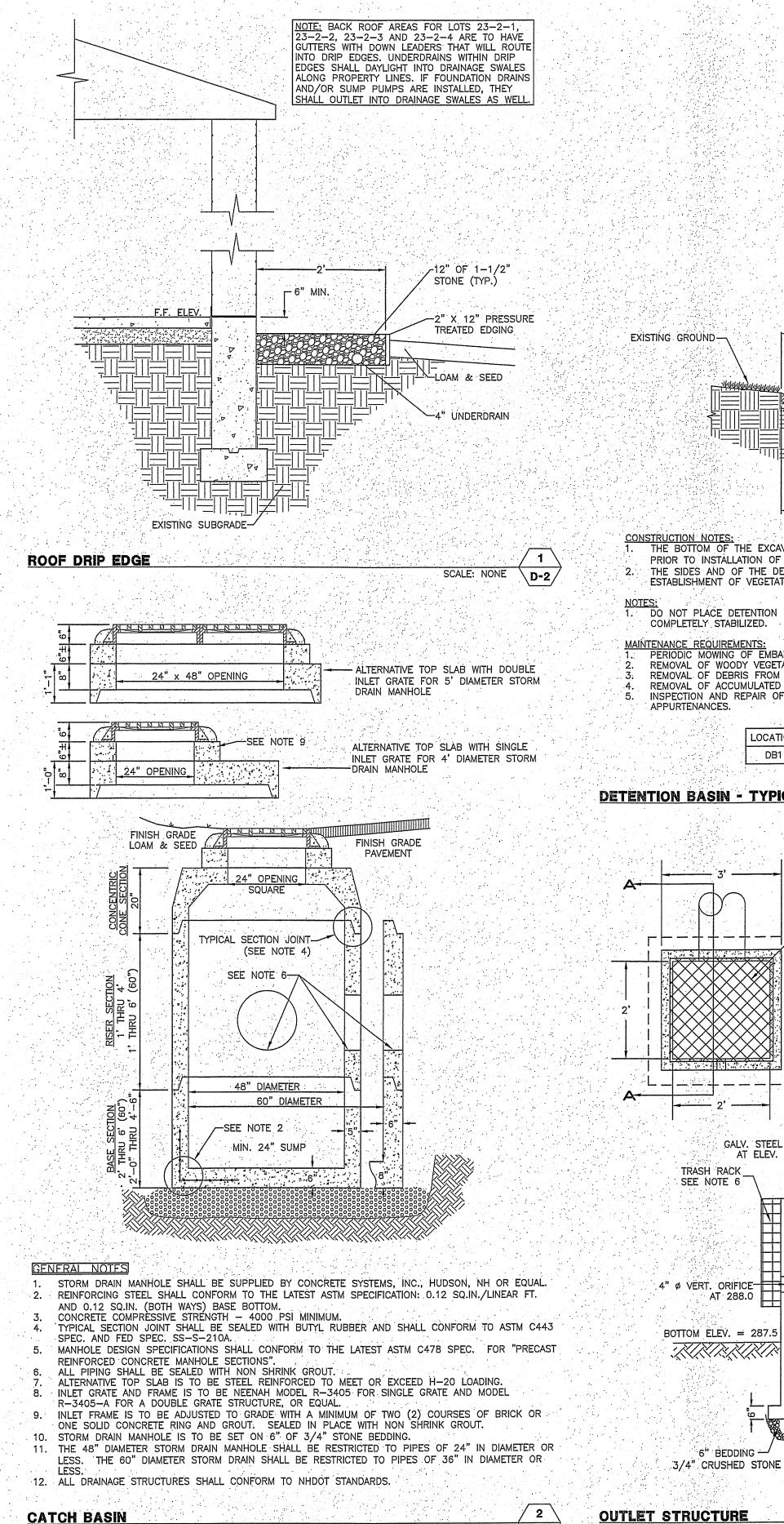
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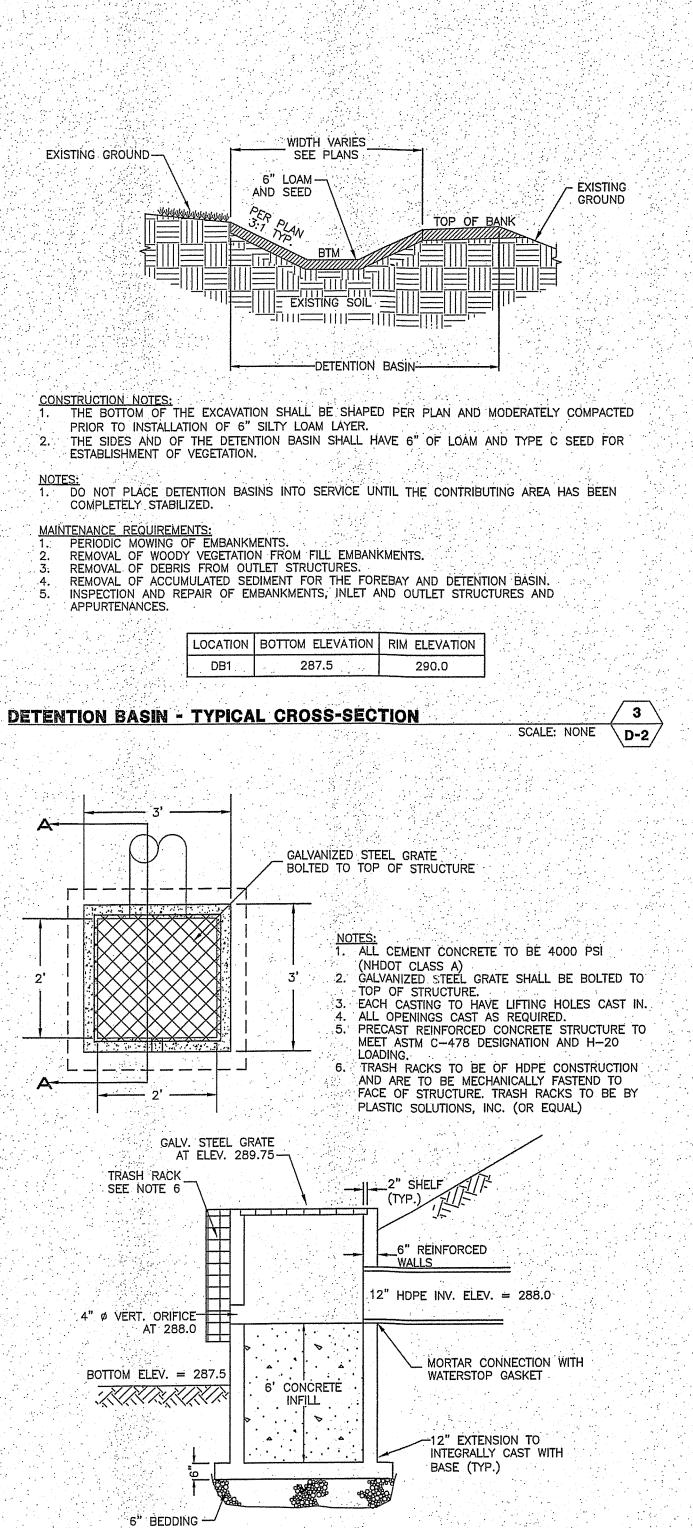
KMA KMA KMA

AMHERST S NAP 23 L FORD, NEW

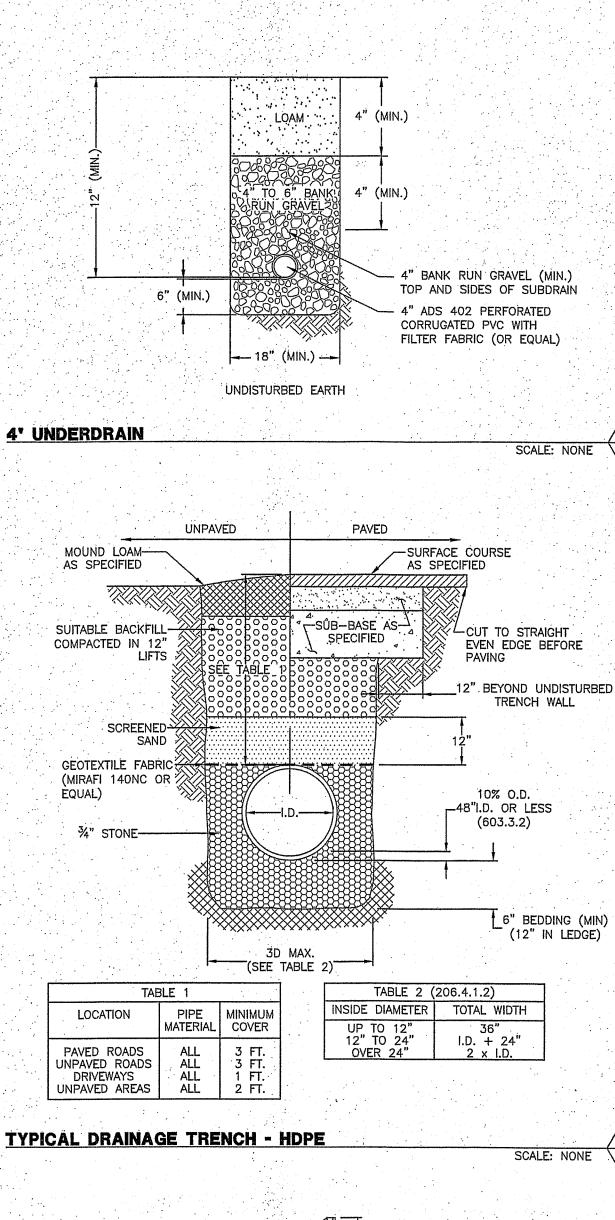
SHEET

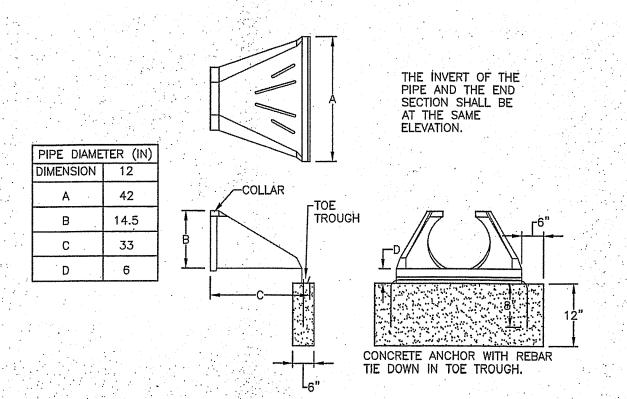
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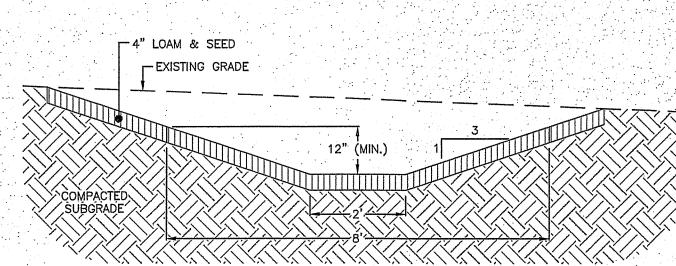


ELEVATION

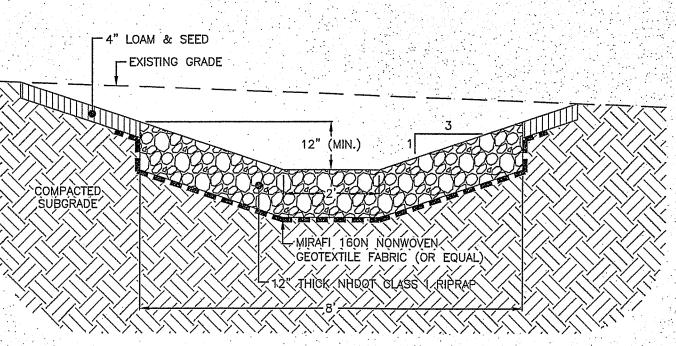




FLARED END SECTION - HDPE SCALE: NONE \D-2/



GRASS LINED SWALE (DS1, DS2, DS3 & DS4)



RIPRAP LINED SWALE (DS5) SCALE: NONE \ D-2/

KEVIN ANDERSON No. 14746 CENSER KWA KWA KWA KEOGH STREET LOT 2 V HAMPSI RICHARD K AMHERST S MAP 23 L FORD, NEW I

SHEET

PROJECT 3203.05 SHEET NO. 12 OF 16

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FILE:

NEW HA

\D-2/

D-2

STONE FOR STABILIZED CONSTRUCTION EXIT SHALL BE 3 INCH CRUSHED STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.

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

### STABILIZED CONSTRUCTION EXIT

SCALE: NONE \ D-3

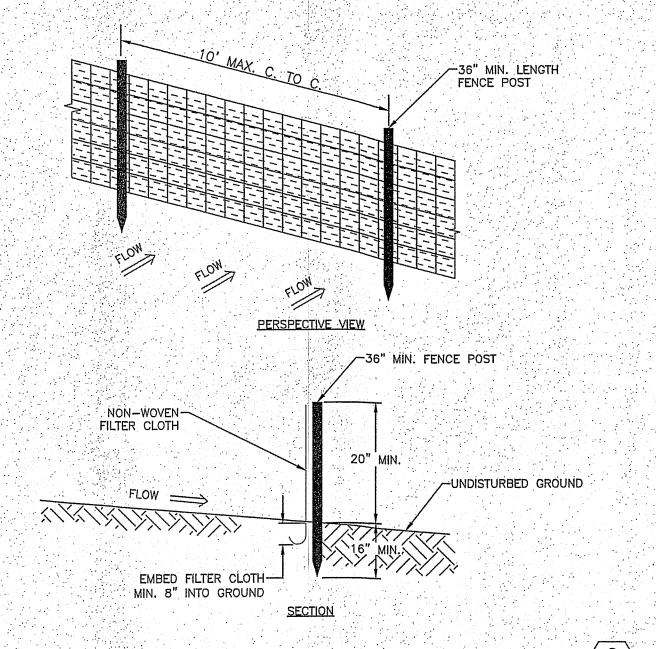
SILTATION FENCE

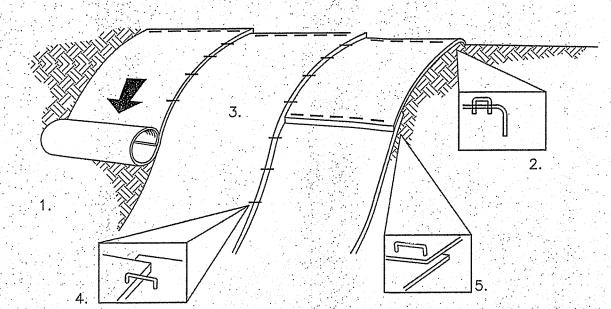
- 1. INSTALL STABILIZED CONSTRUCTION ENTRANCE(S).
- 2. CUT AND CLEAR TREES; DISPOSE OF DEBRIS.
- INSTALL PERIMETER EROSION AND SEDIMENTATION CONTROLS IN LOCATIONS SHOWN ON PLANS. <u>EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR</u>
- 4. PULL STUMPS AND REMOVE FROM SITE OR MULCH TO USE ON-SITE FOR EROSION CONTROL. REMOVE TOPSOIL AND STOCKPILE AWAY FROM ANY WETLAND. STABILIZE STOCKPILE IMMEDIATELY BY SEEDING. PLACE SILT FENCE AROUND THE DOWN SLOPE
- 5. CONSTRUCT PONDS, SWALES AND LEVEL SPREADERS DURING INITIAL PORTION OF CONSTRUCTION, PRIOR TO ROUGH GRADING THE SITE. STABILIZE IMMEDIATELY WITH LOAM AND SEED PER THE EROSION CONTROL NOTES. DO NOT DIRECT STORM WATER RUNOFF TO PONDS, SWALES OR LEVEL SPREADERS UNTIL A HEALTHY VEGETATIVE COVER IS ESTABLISHED.
- ROUGH GRADE THE SITE INCLUDING ROADS AND DITCHES. ALL CUT AND FILL SLOPES SHALL BE STABILIZED UPON COMPLETION OF ROUGH GRADING PER THE THE EROSION
- EXCAVATE FOR AND CONSTRUCT THE FOUNDATION OF THE PROPOSED BUILDING(S) CONSTRUCT BUILDING(S).
- INSTALL DRAINAGE PIPES AND STRUCTURES; PLACE SEDIMENT FILTERS IN CATCH BASINS UNTIL ALL NON-PAVED DISTURBED AREAS HAVE A HEALTHY VEGETATIVE
- 9. INSTALL UNDERGROUND UTILITIES: WATER, SEWER, TELEPHONE, ELECTRICAL.
- 10. INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS AND AFTER ANY RAINFALL OF 0.50" OR MORE.
- 11. AS REQUIRED, CONSTRUCT TEMPORARY BERMS, CULVERTS, DITCHES, SILT BARRIERS, SEDIMENT TRAPS, ETC. MULCH AND SEED AS REQUIRED.
- 12. FINISH GRADING THE SITE, ALL CUT AND FILL SLOPES SHALL BE LOAMED AND SEEDED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE, ALL ROADWAYS AND PARKING LOTS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED
- 13. BASE PAVE ACCESS DRIVE AND PARKING AREAS. INSTALL CURBING AND FINISH PAVE DRIVE, PARKING, AND SIDEWALKS.
- 14. APPLY LOAM. COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- 15. TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED.
- 16. 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.

CONSTRUCTION SEQUENCE

SCALE: NONE







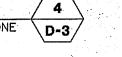
ALL 2H:1V OR STEEPER SLOPES ARE TO BE CONSTRUCTED WITH SC250 STRAW/COCONUT FIBER EROSION CONTROL TURF REINFORCEMENT MAT AND ALL 3H:1V TO <2H:1V SLOPES TO BE CONSTRUCTED WITH S150 STRAW FIBER EROSION CONTROL REINFORCEMENT MAT BY NORTH AMERICAN GREEN OR EQUAL.

THE EROSION CONTROL MATERIAL(S) SHALL BE ANCHORED WITH "U" SHAPED 11 GAUGE WIRE STAPLES OR WOODEN STAKES WITH A MINIMUM TOP WIDTH OF 1" AND A LENGTH

CONSTRUCTION REQUIREMENTS AND SLOPE APPLICATIONS;

- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER AND SEED.
- 2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROLL OF STAPLES OR STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING, APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL, SECURE BLANKET WITH A ROW OF STAPLES/STAKES PLACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
- 3. ROLL THE BLANKETS DOWN THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES OR STAKES IN APPROPRIATE LOCATIONS. REFER TO MANUFACTURERS STAPLE GUIDE FOR CORRECT STAPLE PATTERN.
- 4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" OF OVERLAP DEPENDING ON THE BLANKET TYPE.
- 5. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE OVERLAPPED AREA APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.
- NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE BLANKETS. THE CONTRACTOR SHALL MAINTAIN THE BLANKET UNTIL ALL WORK ON THE CONTRACT
- HAS BEEN COMPLETED AND ACCEPTED. MAINTENANCE SHALL CONSIST OF THE REPAIR OF AREAS WHERE DAMAGED BY ANY CAUSE, ALL DAMAGED AREAS SHALL BE REPAIRED TO REESTABLISH THE CONDITIONS AND GRADE OF THE SOIL PRIOR TO APPLICATION OF THE COVERING AND SHALL BE REFERTILIZED, RESEEDED AND REMULCHED AS DIRECTED

SLOPE STABILIZATION TURF REINFORCEMENT MAT



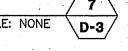
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RIPRAP OUTLET PROTECTION

RA2

RA3

RA4



- TEMPORARY PROTECTION OF DISTURBED AREAS SHALL BE IMPLEMENTED WHERE A TEMPRORARY STAND OF GRASS OR SMALL GRAINS WILL NORMALLY PRODUCE SUFFICIENT COVER TO RETARD EROSION AND REDUCE SEDIMENT.
- 2. USE OF TEMPORARY SEEDING SHALL BE IMPLEMENTED WHEN A DISTURBED AREA OR MATERIAL STOCKPILE WILL BE INACTIVE FOR A PROLONGED PERIOD
- 3. ALL ESSENTIAL GRADING SUCH AS DIVERSIONS. DAMS, DITCHES, AND DRAINS NEEDED TO PREVENT GULLYING AND REDUCE SILTATION SHALL BE COMPLETED
- PREPARE SEEDBED BY REMOVEING ALL STONES, TRASH AND STUMPING DEBRIS THAT WILL INTERFERE WITH SEEDING AREA. WHERE FEASIBLE, TILL THE SOIL TO A DEPTH OF ABOUT 3 INCHES TO PREPARE SEEDBED AND MIX FERTILIZER INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN A FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATIONS SHOULD BE PERFORMED ACROSS
- A MINIMUM OF 300 POUNDS PER ACRE (7 LBS. PER 1,000 SQ.FT.) OF 10-10-10 FERTILIZER, OR ITS EQUIVALENT, SHALL BE UNIFORMLY SPREAD OVER THE AREA PRIOR TO BEING INCORPORATED INTO THE SOIL.
- THE SEED SHALL BE SPREAD UNIFORMLY OVER THE AREA. AFTER SEEDING, THE SOIL SHOULD BE FIRMED BY ROLLING OR PACKING. WHERE ROLLING OR PACKING IS NOT FEASIBLE, THE SEED SHALL BE COVERED LIGHTLY BY RAKING,
  - 7. HAY OR STRAW MULCH MAY BE NECCESSARY TO PROMOTE SEED GERMINATION IN DRY AND/OR INFERTILE CONDITIONS.
- 8. PLANT SELECTION AND APPLICATION RATES:

SPECIES	RATE 1 (LBS/AC.)	RATE 2 (LBS/1,000 S.F.)	REMARKS
WINTER RYE	112	2.5	FALL, 8/15 TO 9/15 PLANT 1.0 INCH DEEP
OATS	80	2.0	SPRING PRIOR TO 5/15 PLANT 1.0 INCH DEEP
ANNUAL RYEGRASS	40	1.0	QUICK, SHORT DURATION GOOD APPEARANCE EARLY SPRING & FALL PLANT 0.25 INCH DEEP
PERENNIAL RYEGRASS	30	0.7	LASTS LONGER THAN ANNUA LATE SPRING & FALL MULCHING WILL ALLOW USE ALL SEASON PLANT 0.5 INCH DEEP

## <u>SEEDING FOR TEMPORARY PROTECTION OF DISTURBED AREAS</u>



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**ANDERSON** 

No. 1/4746

DURING CONSTRUCTION AND THEREAFTER, EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED AS NOTED:

- 1. INSTALLATION OF SILT SOCKS AND SILTATION FENCE WHERE INDICATED SHALL BE COMPLETED PRIOR TO THE START OF SITE WORK IN ANY GIVEN AREA.
- 2. SILT SOCKS AND SILTATION FENCES SHALL BE KEPT CLEAN DURING CONSTRUCTION AND REMOVED WHEN ALL DISTURBED AREAS HAVE A HEALTHY STAND OF VEGETATIVE COVER. EROSION CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE A WEEK AND AFTER EVERY 0.5" OR GREATER RAINFALL.
- 3. EXISTING VEGETATION IS TO REMAIN UNDISTURBED WHEREVER POSSIBLE.
- 4. PER THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES, THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION. THE TOTAL AREA OF ACTIVE DISTURBANCE, INCLUDING LOT DISTURBANCES, SHALL NOT EXCEED 5 ACRES.
- 5. THE DURATION OF TIME THAT AN AREA IS DISTURBED SHALL BE MINIMIZED. ALL NON-ACTIVE DISTURBED AREAS (ie: CLEARED FOR CONSTRUCTION BUT NOT PRESENTLY UNDERGOING CONSTRUCTION) SHALL BE STABILIZED WITHIN 45 DAYS OF DISTURBANCE.
- 6. ALL DITCHES, SWALES AND DRAINAGE BASINS SHALL BE CONSTRUCTED DURING THE INTIAL PHASE OF CONSTRUCTION AND SHALL BE STABILIZED PRIOR TO DIRECTING STORM WATER FLOW TO THEM.
- 7. AN AREA MAY BE CONSIDERED STABILIZED WHEN ONE OF THE FOLLOWING HAS OCCURED:
- A. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED: B. A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
- C. A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS BEEN D. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- 8. ALL DISTURBED AREAS SHALL BE COVERED WITH A MINIMUM OF 4" OF LOAM. LOAM SHALL BE COVERED WITH THE APPROPRIATE SEED MIXTURE AS INDICATED BELOW.
- THE SEED MIXTURE SHALL BE APPLIED AT A RATE OF 2.5 POUNDS PER 1,000 SQ. FT. AND SHALL BE MIXED AS FOLLOWS:

	•				
 TYPICAL LA	WN SEED				SLOPE SEED
CREEPING	RED FESCUE		0.87	LBS.	CREEPING RED FESCUE 1.01 LBS.
KENTUCKY	BLUEGRASS	· .	0.71	LBS.	RYE GRASS 0.75 LBS
RYE GRASS	3	\$	0.58	LBS.	RED TOP 0.18 LBS.
RED TOP			0.14	LBS.	ALSIKE CLOVER 0.18 LBS.
					BIRDSFOOT TREFOIL 0.18 LBS.
		1.			

9. APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE TIMING I CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE OF 600 POUNDS PER ACRE OR 13.8 POUNDS PER 1,000 SQUARE FEET OF LOW PHOSPHATE FERTILIZER (N-P205-K20) OR EQUIVALENT (LOW PHOSPHORUS FERTILIZER IS DEFINED BY THE COMPREHENSIVE SHORELAND PROTECTION ACT AS LESS THAN 2% PHOSPHORUS). APPLY LIMESTONE (EQUIVALENT TO 50 PERCENT CALCIUM PLUS MAGNESIUM OXIDE) AT A RATE OF 3 TONS PER ACRE (138 LB. PER 1,000 SQUARE FEET).

FERTILIZER SHOULD BE RESTRICTED TO A LOW PHOSPHATE, SLOW RELEASE NITROGEN FERTILIZER WHEN APPLIED TO AREAS BETWEEN 25 FEET AND 250 FEET FROM A SURFACE WATER BODY AS SPECIFIED BY THE COMPREHENSIVE SHORELAND PROTECTION ACT (SLOW RELEASE FERTILIZERS MUST BE AT LEAST 50% SLOW RELEASE NITROGEN COMPONENT). NO FERTILIZER EXCEPT LIMESTONE SHOULD BE APPLIED WITHIN 25 FEET OF THE SURFACE WATER. THESE LIMITATIONS ARE REQUIREMENTS.

- 10. PERMANENT OR TEMPORARY COVER MUST BE IN PLACE BEFORE THE GROWING SEASON ENDS. WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 10 TO SEPTEMBER 15. NO DISTURBED AREA SHALL BE LEFT EXPOSED DURING THE WINTER
- 11. THE SITE CONTRACTOR SHALL MAINTAIN A VIGOROUS DUST CONTROL PROGRAM THROUGHOUT THE CONSTRUCTION PROCESS. EXPOSED EARTH SHALL BE KEPT MOIST OR MULCHED AT ALL TIMES TO PREVENT DUST FORMATION. SPECIAL ATTENTION SHALL BE PAID TO HIGH TRAFFIC AREAS.

EROSION CONTROL

SCALE: NONE

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KEOGH STREET LOT 2 V HAMPSI

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1. ALL POST-DEVELOPMENT VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATED GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER

CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3

NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND

AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS. 2. ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATED

GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH.

PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL PER NHDOT ITEM

SCALE: NONE \ D-3

SCALE: NONE \D-3/

304.3. OR IF CONSTRUCTION IS TO CONTINUE THROUGH THE WINTER SEASON BE

SHALL BE STABILIZED WITH STONE RIPRAP OR EROSION CONTROL BLANKETS

AFTER OCTOBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES SHALL BE

ALL CONSTRUCTION SHALL CONFORM TO THE APPLICABLE REQUIREMENTS AND SPECIFICATIONS OF THE TOWN OF MILFORD. OTHERWISE, ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT EDITION OF NHDOT "STANDARD SPECIFICATIONS FOR

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, SIZE, AND

THE CONTRACTOR SHALL CONTACT "DIGSAFE" (811) 72 HOURS PRIOR TO THE START

ANY ALTERATION OF THIS DESIGN OR CHANGE DURING CONSTRUCTION MAY REQUIRE APPROVAL OF VARIOUS TOWN BOARDS OR AGENCIES AND SHALL BE DISCUSSED WITH

IF APPLICABLE, ALL DRAINAGE STRUCTURES SHALL CONFORM TO NHDOT STANDARDS.

INFORMATION OF ALL WORK, ESPECIALLY UNDERGROUND CONSTRUCTION OF UTILITY

LINES, SERVICES, CONNECTIONS, ETC. AND APPROPRIATE TIES TO ABOVE GROUND

PERMANENT STRUCTURES, FIELD SURVEY COORDINATES, OR SOME OTHER METHOD

PLAN VIEW

& CAPAPAPAPAPA

<u>SECTION A-A</u>

<u>SECTION B-B</u>

LOCATION | LENGTH (FT) | WIDTH 1 (FT) | WIDTH 2 (FT) | STONE SIZE d50 (IN) | THICKNESS (IN)

13

11

6" GRAVEL BASE

6" GRAVEL BASE

OR EROSION— CONTROL FABRIC

EXISTING STABILIZED-

6" MIN. ----

AS SPECIFIED ON PLANS

GROUND / CHANNEL

ELEVATION OF ALL EXISTING UTILITIES SHOWN OR NOT SHOWN ON THESE PLANS AND SHALL VERIFY THAT ALL THE INFORMATION SHOWN HEREON IS CONSISTENT

COMPLETE, ACCURATE, AND CAN BE CONSTRUCTED PRIOR TO AND/OR DURING CONSTRUCTION. MERIDIAN LAND SERVICES, INC., AS DESIGN ENGINEER, SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES, ERRORS, OMISSIONS, OR EXISTING

UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION SO THAT

COMPLIANCE WITH ALL APPLICABLE REGULATIONS AND SPECIAL CONDITIONS OF TOWN/CITY AGENCIES, SUCH AS THE PLANNING BOARD, CONSERVATION COMMISSION.

AND OTHERS, IS MANDATORY AND IS THE RESPONSIBILITY OF THE OWNER.

THE OWNER AND MERIDIAN LAND SERVICES, INC. PRIOR TO CONSTRUCTION.

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE APPROPRIATE TOWN

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ACCURATE AS-BUILT

OF ESTABLISHING THE AS-BUILT CONDITION OF ALL CONSTRUCTION.

DEPARTMENT PRIOR TO CONSTRUCTION TO ARRANGE FOR INSPECTIONS OF THE

REMEDIAL ACTION MAY BE TAKEN BEFORE PROCEEDING WITH THE WORK.

THE OWNER AND/OR CONTRACTOR SHALL VERIFY ALL ZONING SETBACK

REQUIREMENTS FOR CONFORMANCE PRIOR TO CONSTRUCTION.

CLEARED OF ANY ACCUMULATED SNOW AFTER EACH STORM EVENT.

APPROPRIATE FOR THE DESIGN FLOW CONDITION.

ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION).

WINTER CONSTRUCTION

CONSTRUCTION.

CONSTRUCTION NOTES

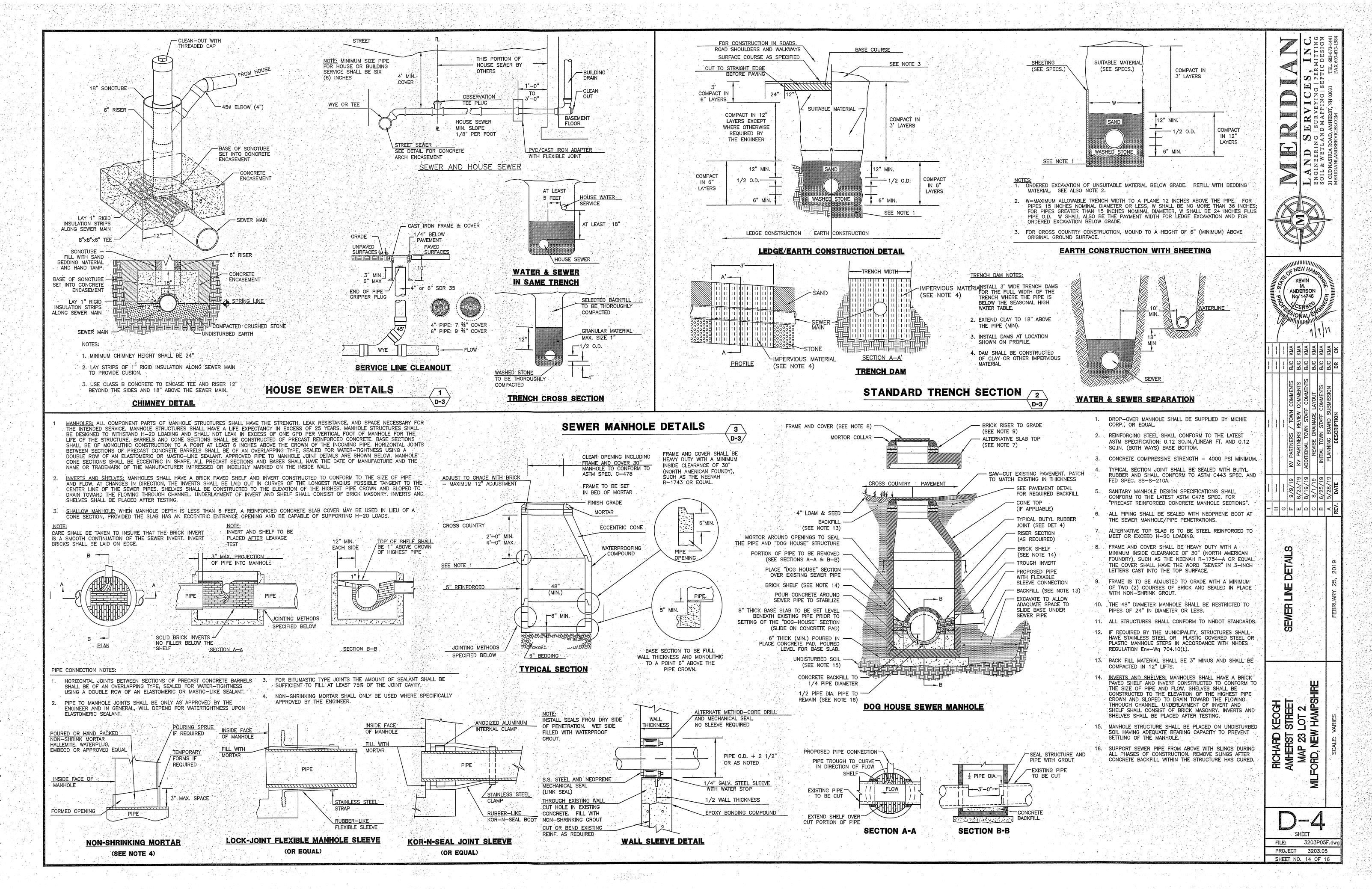
OCTOBER 15TH, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION

TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE PLACEMENT OF EROSION CONTROL BLANKETS OR MULCH AND

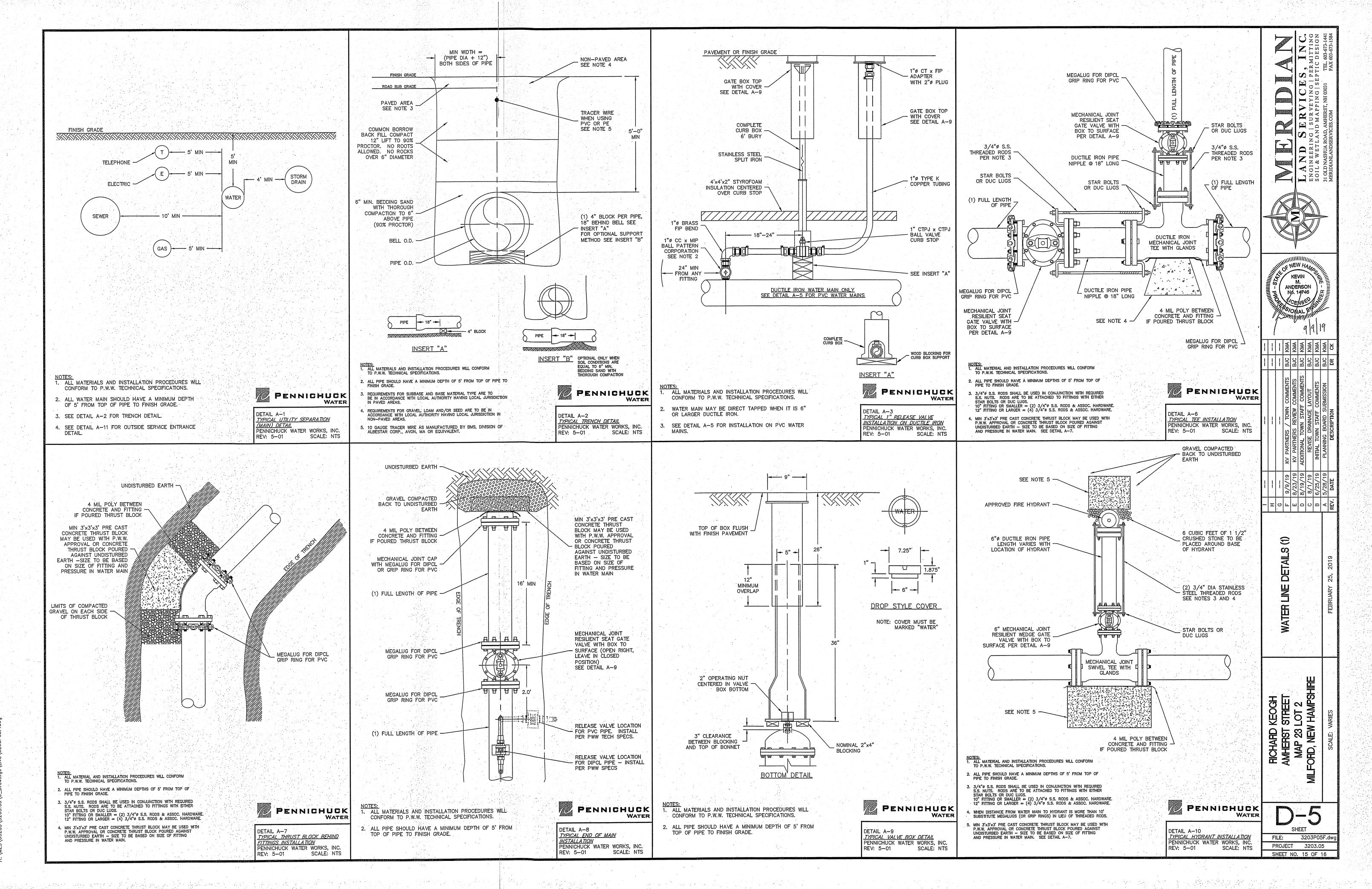
SCALE: NONE

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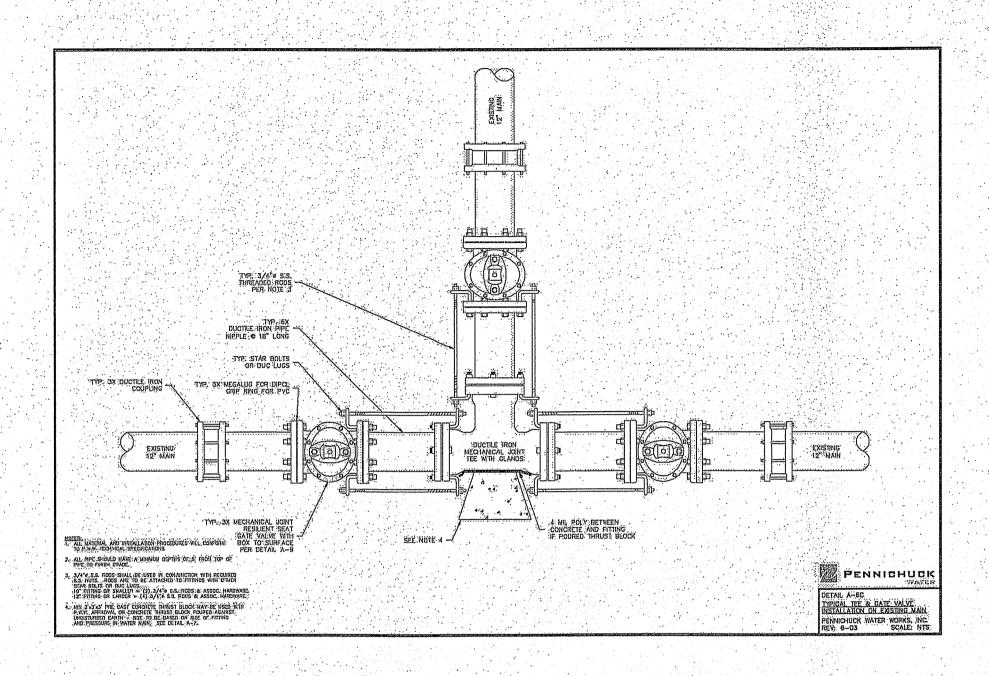
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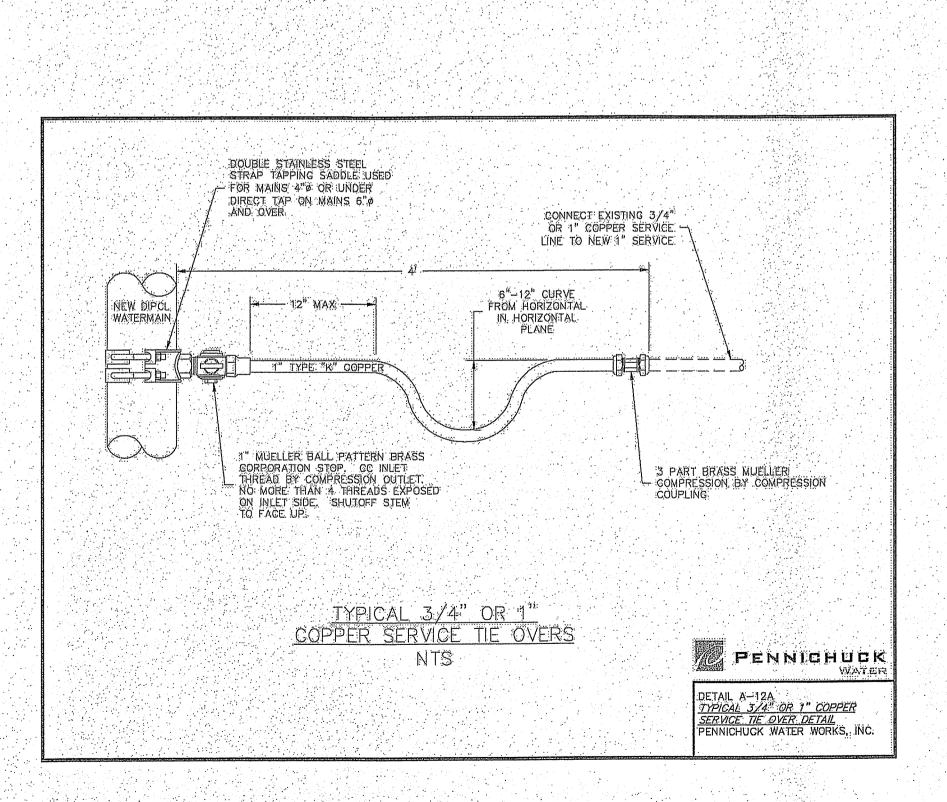


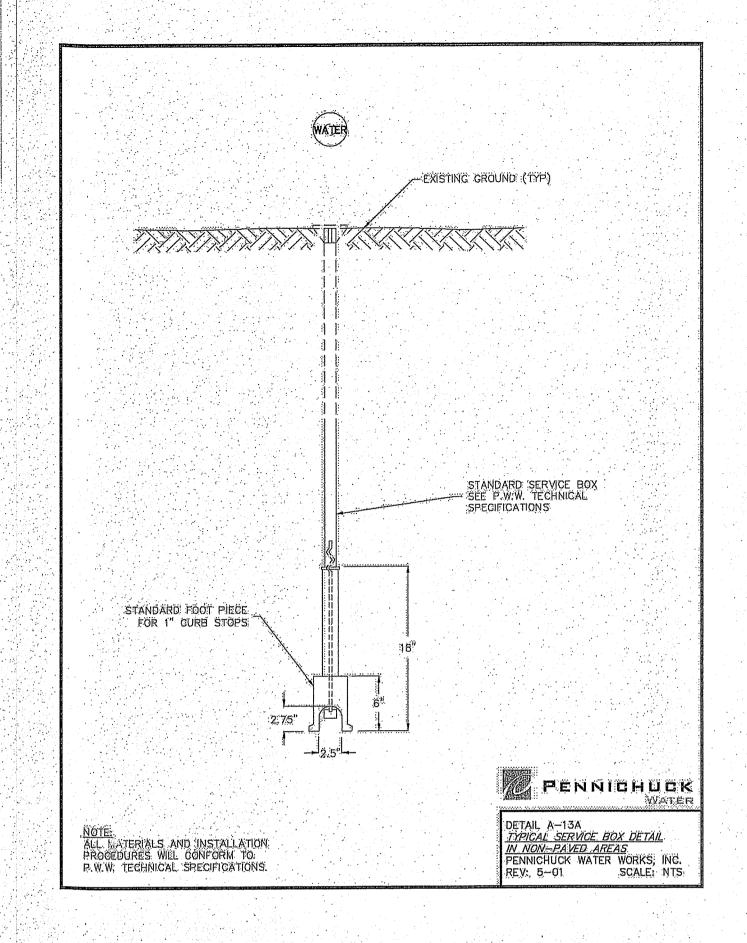
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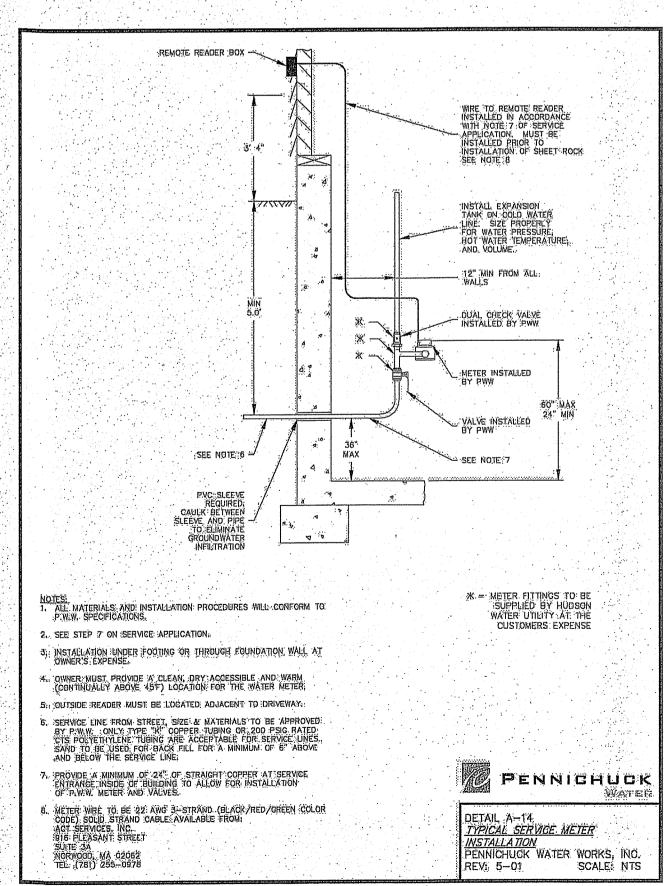


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### GENERAL NOTES

ALL WATER MAINS 6" AND OVER IN DIAMETER SHALL BE CONSTRUCTED WITH DUCTILE IRON WATER MAIN MEETING OR EXCEEDING THE PRODUCT SPECIFICATIONS BELOW. 4" DIAMETER WATER MAINS SHALL BE CONSTRUCTED WITH DUCTILE IRON THAT MEETS OR EXCEEDS THE PRODUCT SPECIFICATIONS BELOW.

A. DUCTILE IRON WATER MAIN SHALL CONFORM TO AWWA STANDARD C151 AND BE DOUBLE CEMENT LINED AND SEALED COATED TO MEET AWWA STANDARD C104 JOINTS SHALL BE PUSH ON AND SHALL CONFORM TO AWWA C111.

B. CLASS 52 WALL THICKNESS, 4" DIAMETER THROUGH 10" DIAMETER INCLUSIVE.

C. CLASS 51 WALL THICKNESS, 12" & 16" DIAMETER.

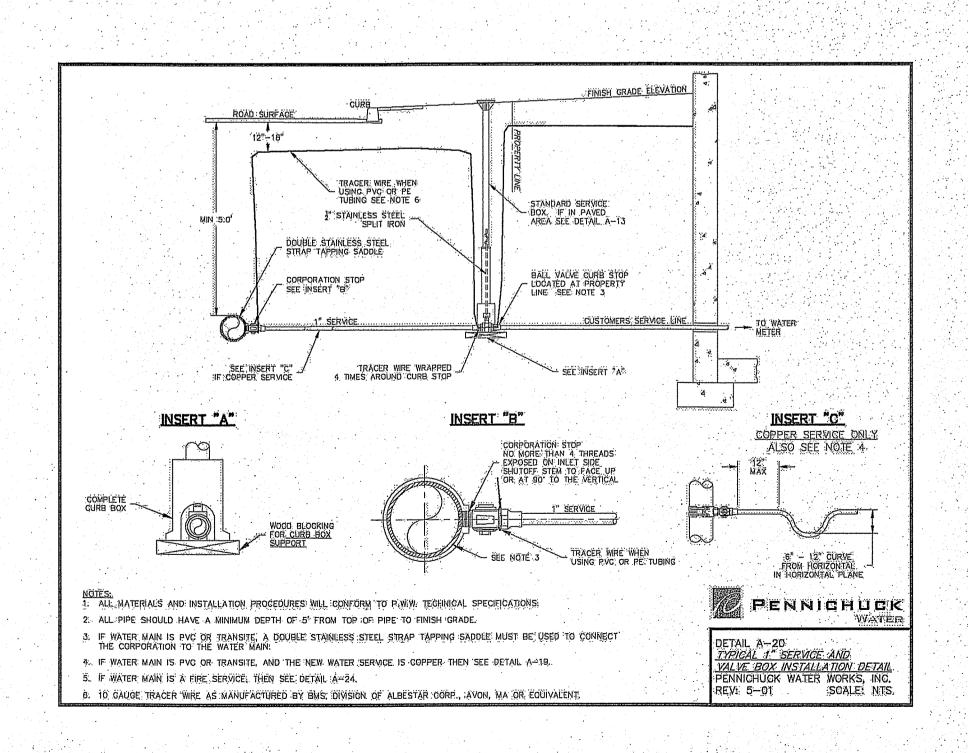
ALL MECHANICAL JOINT DUCTILE IRON FITTINGS 3" THROUGH 24" SHALL BE COMPACT DUCTILE IRON CLASS 350 IN ACCORDANCE WITH AWWA/ANSI C153/A-21.53 AND SHALL BE CEMENT LINED IN ACCORDANCE WITH AWWA/ANSI C104/A-21.40 OR BE FUSION BONDED MEETING OR EXCEEDING ANSI/AWWA C116/A21.16 STANDARDS.

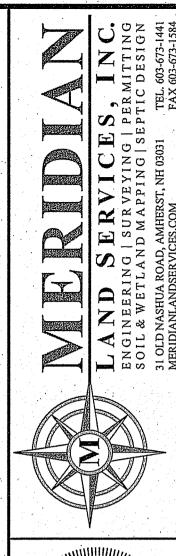
ALL WATER MAINS AND APPURTENANCES SHALL BE SEPARATED FROM OTHER UTILITIES AND SEPTIC FIELDS IN ACCORDANCE WITH THE NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES ENV—WS 1000 AND ENV—WS 376. FURTHERMORE, THE SEPARATION SHALL BE IN ACCORDANCE WITH DETAIL A—1 IN THE STANDARD DETAILS.

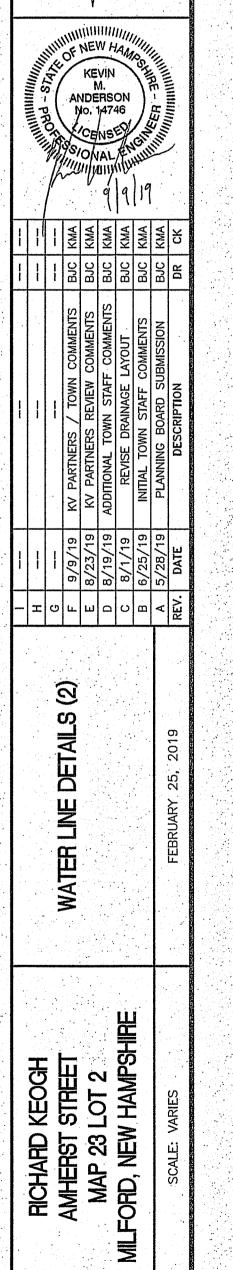
IN THE ABSENCE OF A RECOGNIZED AND/OR APPROVED INDUSTRY STANDARD FOR SUCH HARDWARE, PENNICHUCK'S FIELD INSPECTORS WILL BE THE FINAL JUDGE AS TO THE ACCEPTABILITY OF MISCELLANEOUS HARDWARE USED IN THE INSTALLATION OF WATER MAINS.

ALL WATER MAINS AND FIRE SERVICES SHALL BE SUBJECTED TO PRESSURE AND LEAKAGE TESTING IN ACCORDANCE WITH THE LATEST VERSION OF AWWA STANDARD C600. ALLOWABLE LEAKAGE FOR EACH SECTION OF WATER MAIN TESTED SHALL BE COMPARED AGAINST THE CHART ATTACHED AT THE END OF THIS SECTION IN ORDER TO DETERMINE THE ACCEPTABILITY OF THE TEST.

THE CONTRACTOR SHALL CONDUCT FLUSHING OPERATIONS USING METHODS AND PROCEDURES CONFORMING TO AWWA C651. THE CONTRACTOR SHALL FLUSH THE WATER MAIN UNDER THE DIRECTION OF PENNICHUCK WATER WORKS' INSPECTOR. FLUSHING MAY BE REQUIRED DURING THE LATE EVENING HOURS IF IT IS DETERMINED THAT FLUSHING WILL RESULT IN OFF COLORED WATER TO PENNICHUCK WATER WORKS EXISTING CUSTOMERS.







SHEET

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PROJECT 3203.05

SHEET NO. 16 OF 16

,这一点,这一点,这一点,这一点,这个是一些要的对抗,也不是有效的。这是这个事情,只要这种的最后,都有的的时间,也是不是一个一个的。这种是是这个一个。