

SPEC POND EAST & WEST - OLD MEETING HOUSE ROAD MAINTENANCE IMPROVEMENTS

OLD MEETING HOUSE ROAD
PORTER, MAINE

OWNER

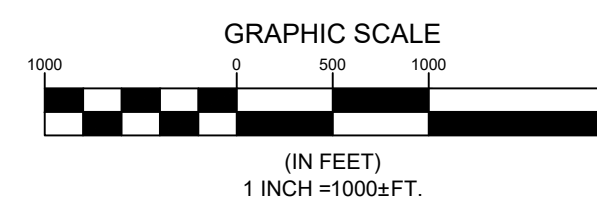
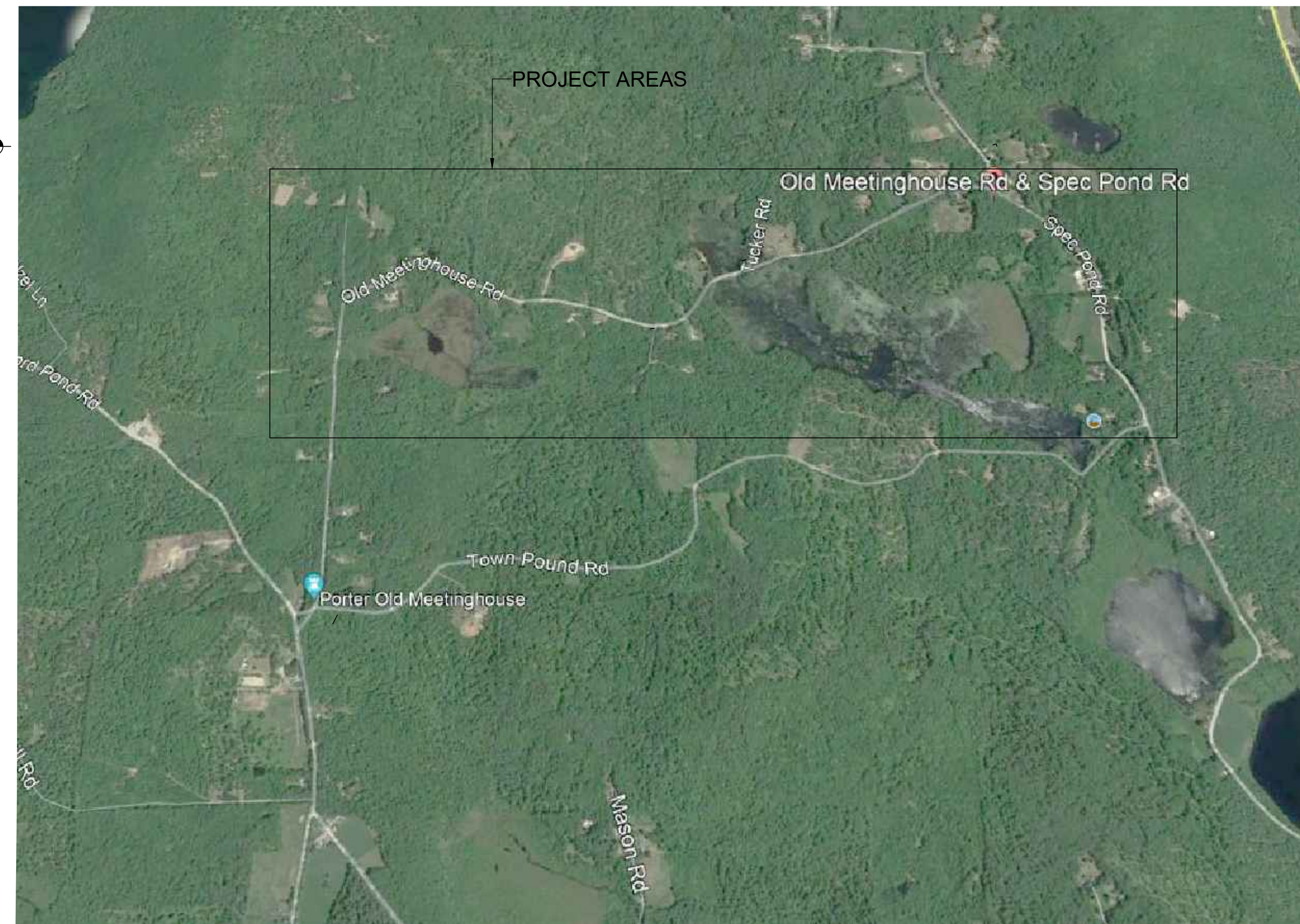
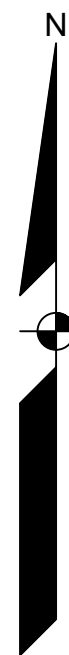
TOWN OF PORTER

71 MAIN STREET
PORTER, ME 04068

ENGINEER/SURVEYOR:

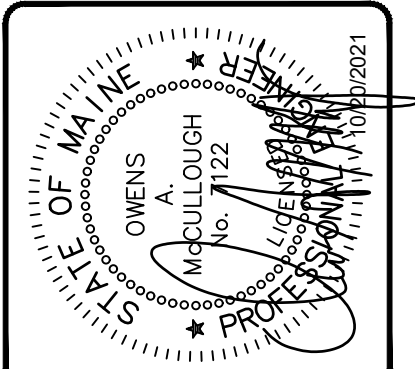
SEBAGO
TECHNICS

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75 John Roberts Rd.
Suite 4A
South Portland, ME 04106
Tel. 207-200-2100



SHEET LIST TABLE

SHEET NUMBER	SHEET TITLE
1	COVER SHEET
2 & 3	SPEC POND ROAD EAST
4	OLD MEETING HOUSE ROAD & SPEC ROAD WEST
5-9	OLD MEETING HOUSE ROAD
10 & 11	DETAILS



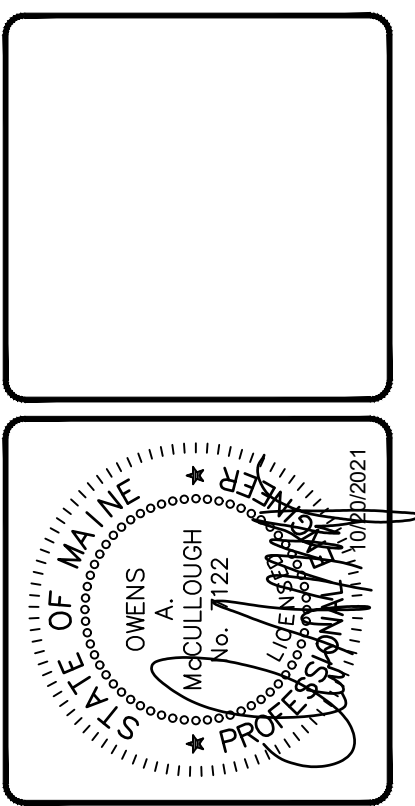
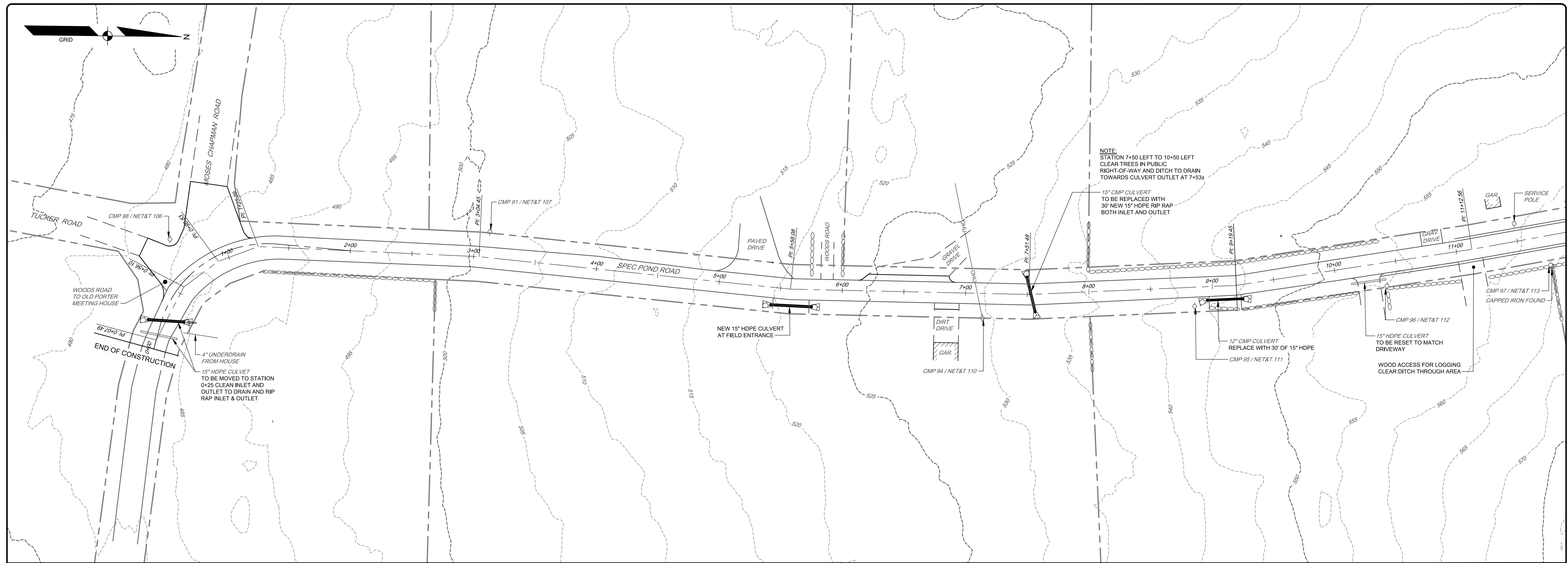
REV	BY	DATE	STATUS
A		10/20/2021	ISSUED FOR CONSTRUCTION

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COVER SHEET
OF
SPEC POND ROAD EAST & WEST - OLD MEETINGHOUSE ROAD MAINTENANCE IMPROVEMENTS
FOR THE
TOWN OF PORTER
71 MAIN STREET
PORTER, ME 04068

DESIGNED	RED
DRAWN	DAB
CHECKED	OAM
DATE	09/01/2021
SCALE	1" = 1000'
PROJECT	19407



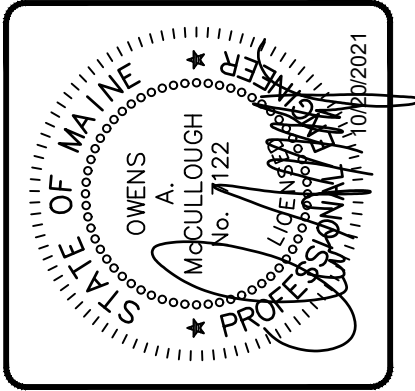
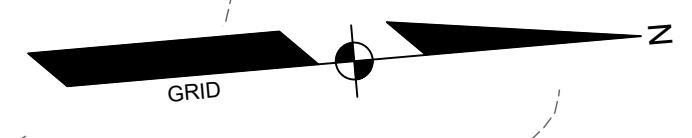
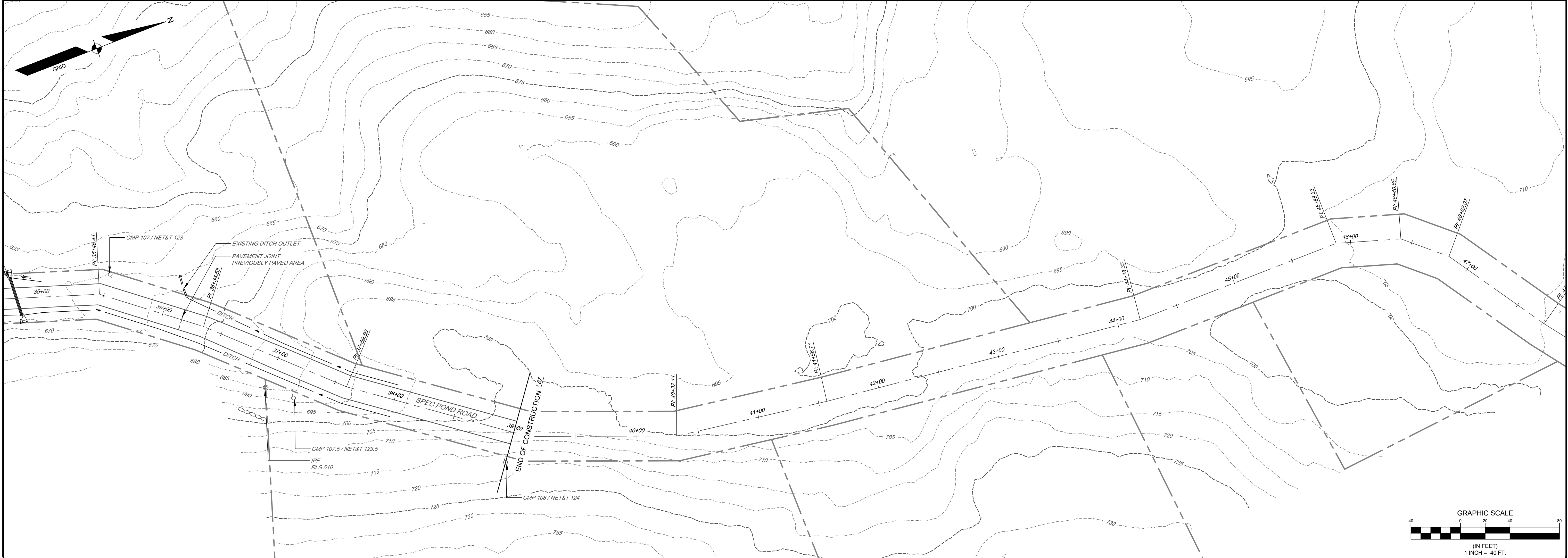
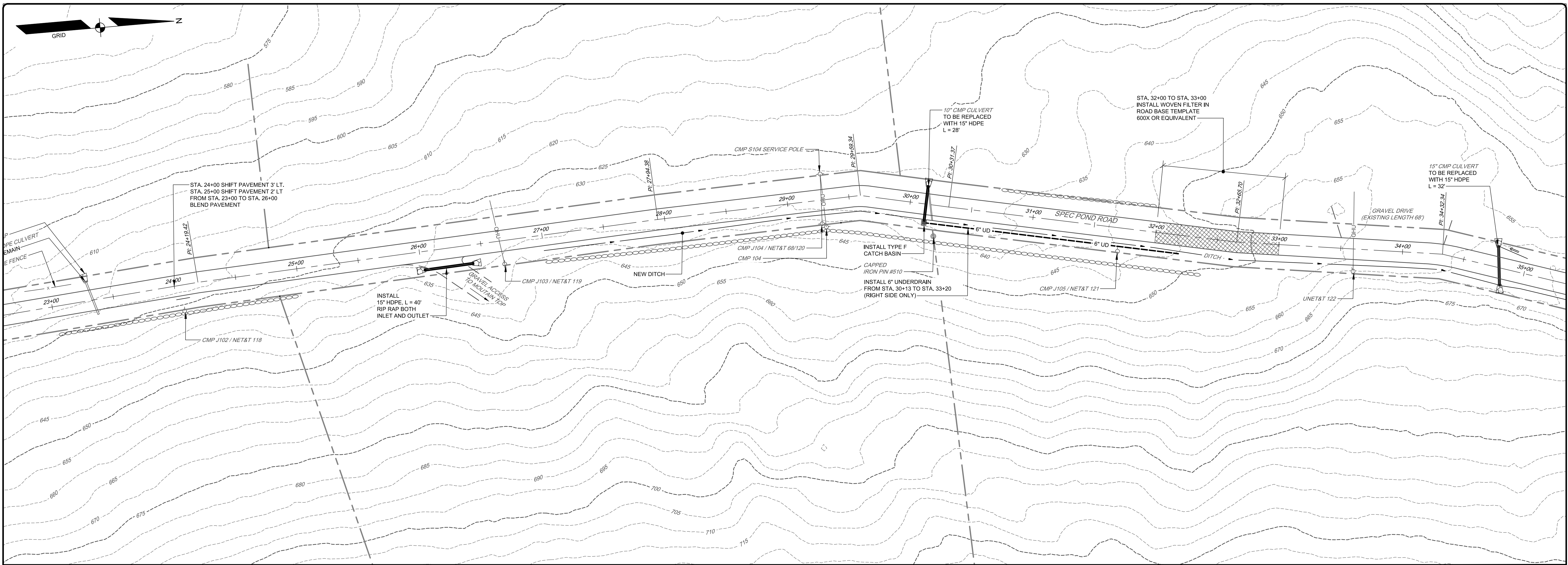
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PLAN 1
OF
SPEC POND ROAD EAST
ROAD MAINTENANCE IMPROVEMENTS
FOR THE
TOWN OF PORTER
71 MAIN STREET
PORTER, ME 04868

DESIGNED	RED
DRAWN	DAB
CHECKED	OAM
DATE	09/01/2021
SCALE	1" = 40'
PROJECT	19407



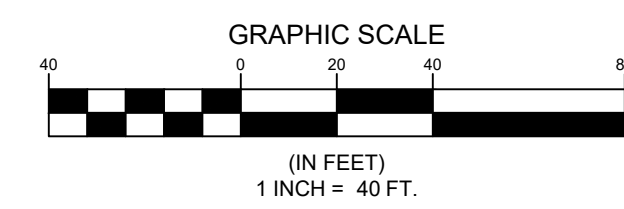
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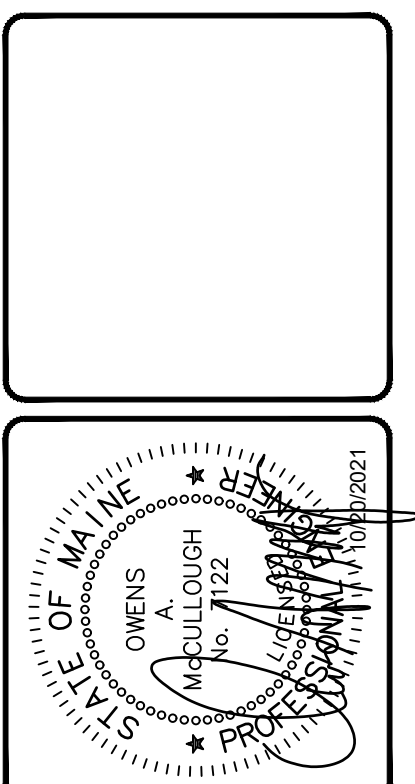
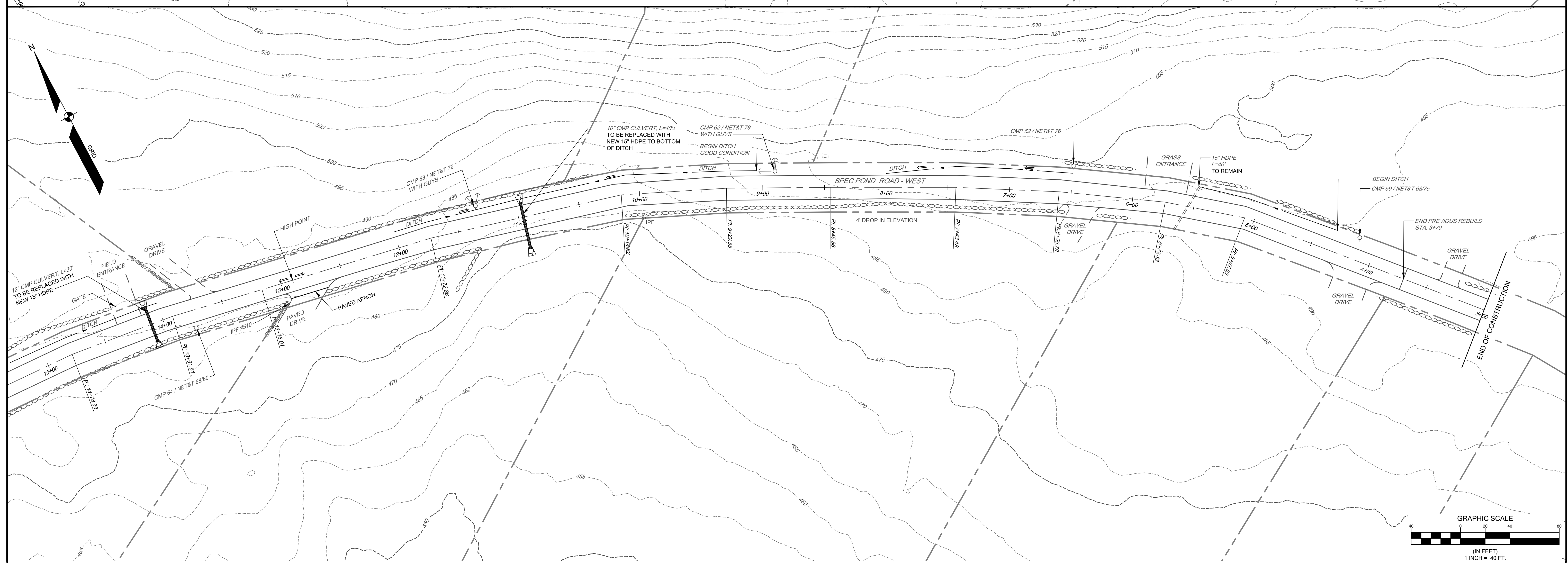
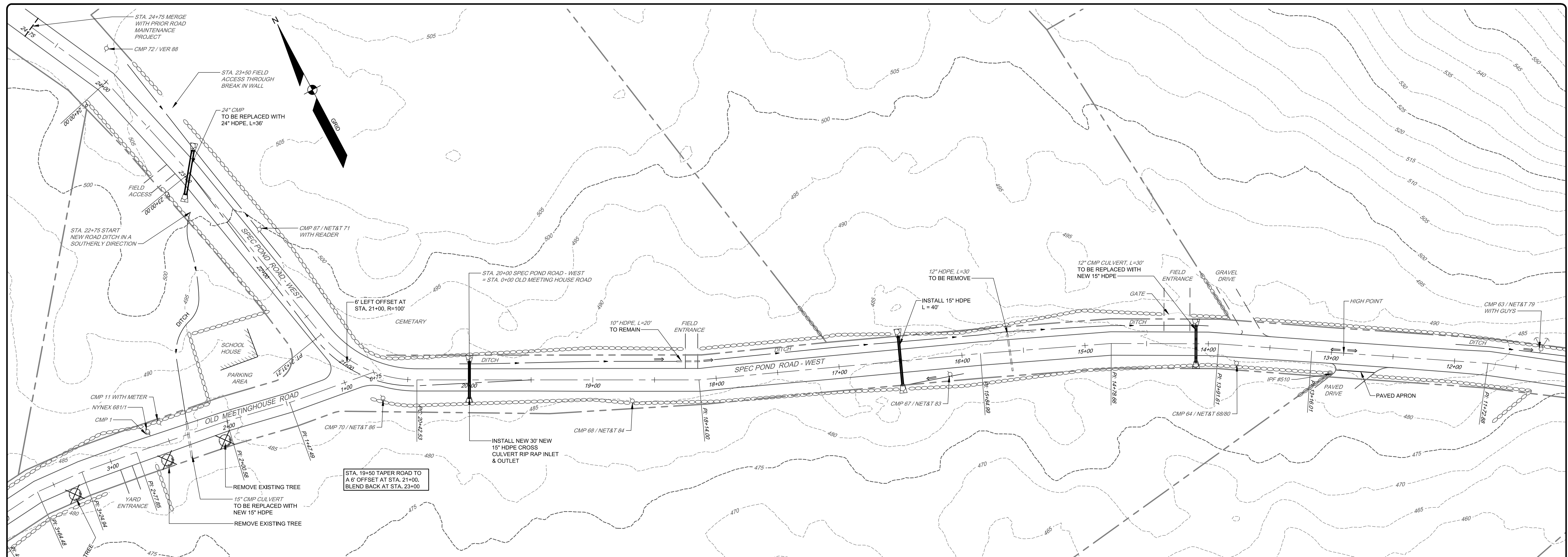
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PLAN 2
OF
SPEC POND ROAD EAST
ROAD MAINTENANCE IMPROVEMENTS
FOR THE
TOWN OF PORTER
71 MAIN STREET
PORTER, ME 04868

DESIGNED	RED
DRAWN	DAB
CHECKED	OAM
DATE	09/01/2021
SCALE	1" = 40'
PROJECT	19407





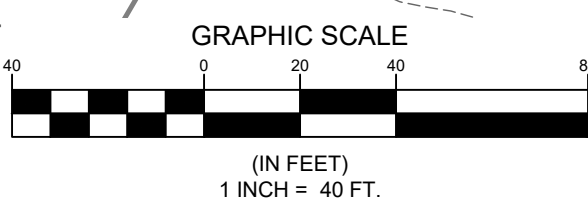
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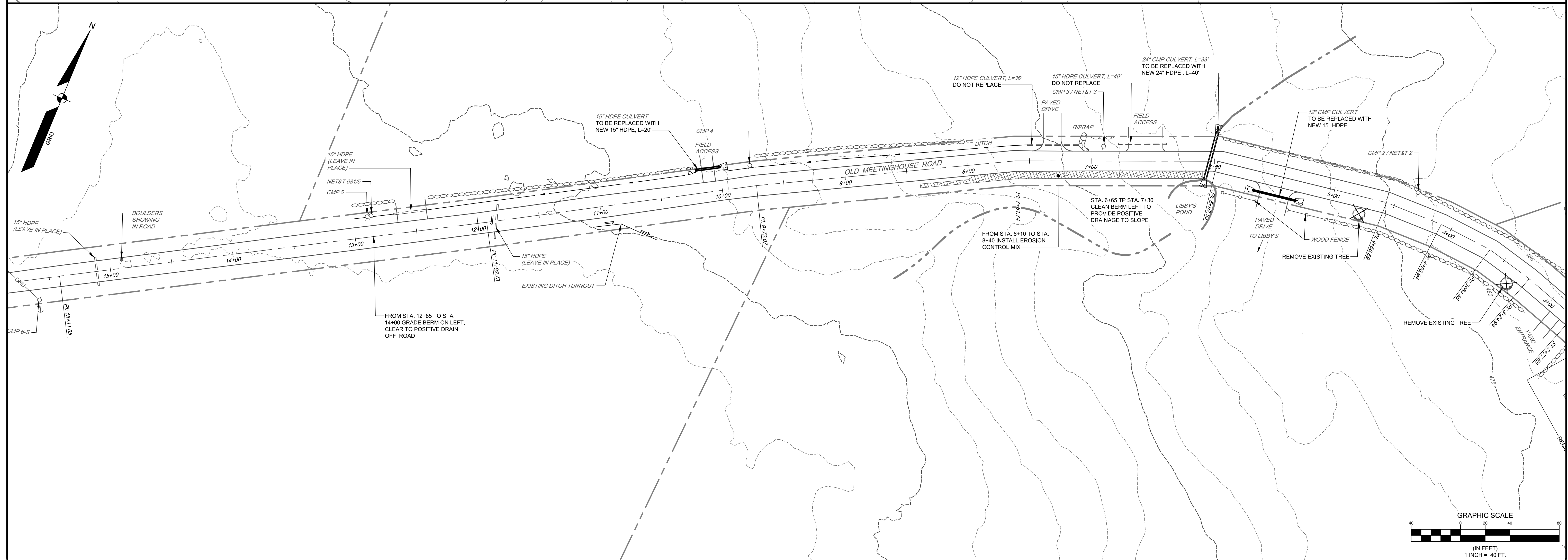
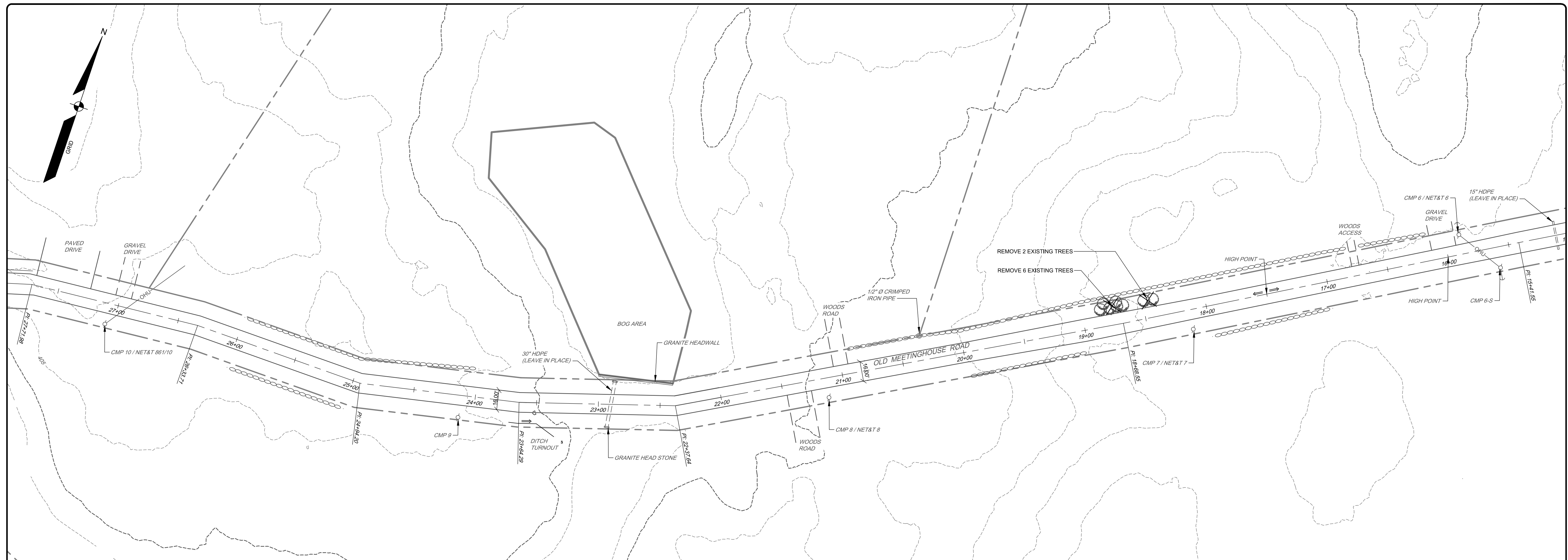
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Tel. 207-200-2100

PLAN 3
OF
OLD MEETINGHOUSE ROAD - SPEC POND ROAD WEST
ROAD MAINTENANCE IMPROVEMENTS
FOR THE
TOWN OF PORTER
71 MAIN STREET
PORTER, ME 04068

DESIGNED	RED
DRAWN	DAB
CHECKED	OAM
DATE	09/01/2021
SCALE	1" = 40'
PROJECT	19407



19407 SOWP TAB35-DIMR



OWENS A. MCDONOUGH, PE 1122

REV	BY	DATE	STATUS
A	RED	10/20/2021	ISSUED FOR CONSTRUCTION

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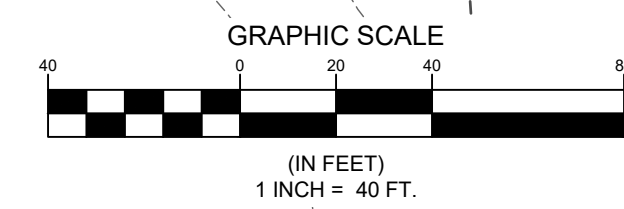
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Sullivan, IA
South Portland, ME 04106
Tel. 207-200-2100

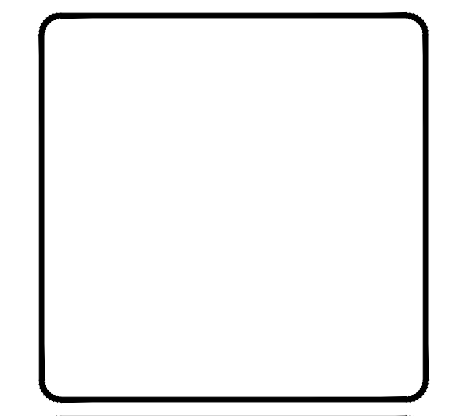
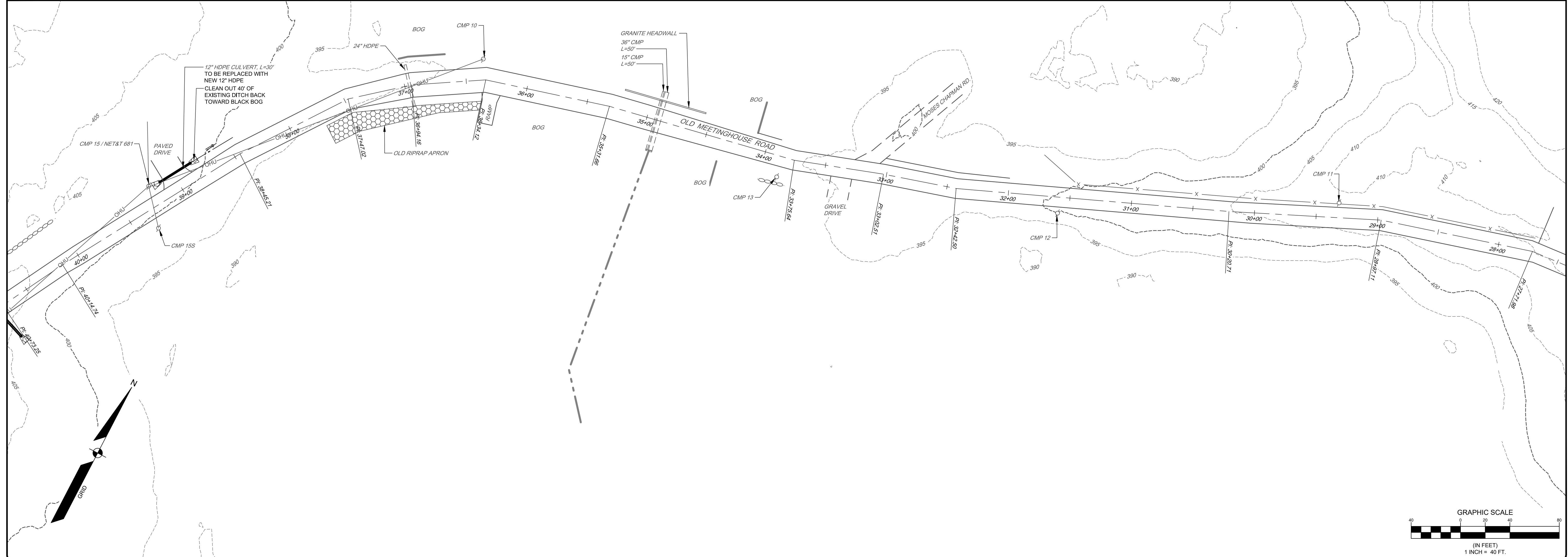
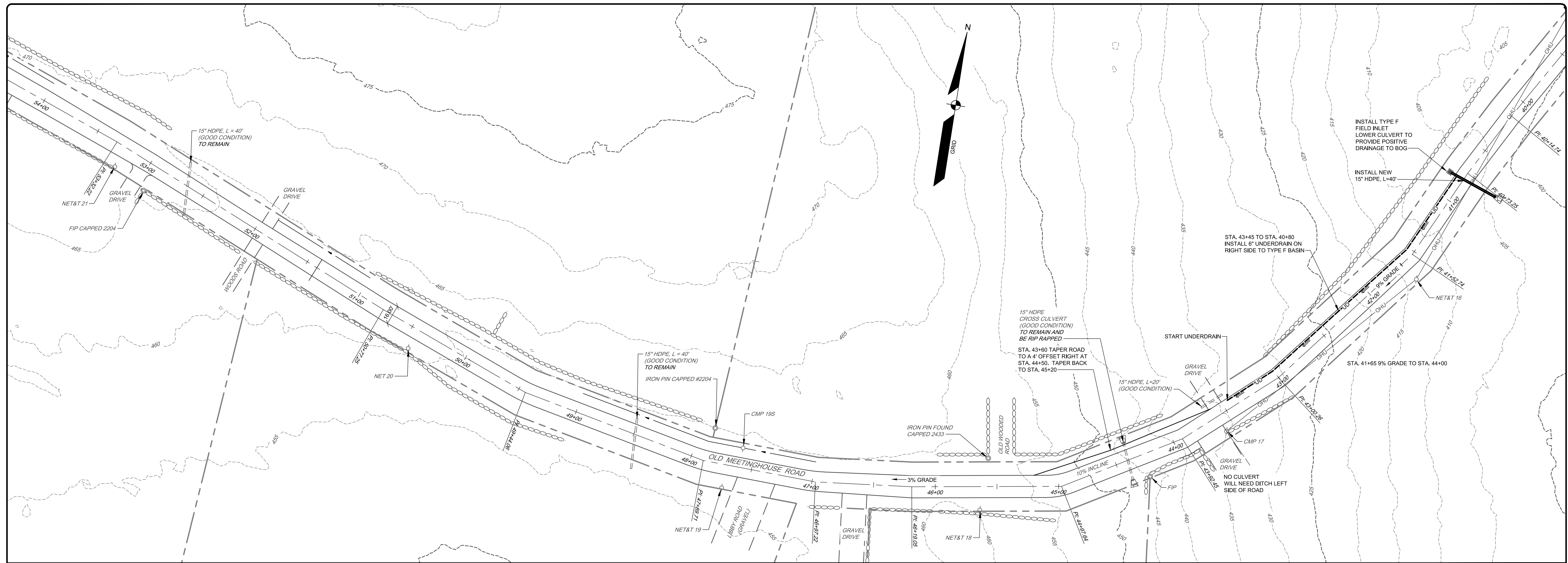
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PLAN 4
OF
OLD MEETING HOUSE ROAD - SPEC POND ROAD WEST
ROAD MAINTENANCE IMPROVEMENTS
FOR THE
TOWN OF PORTER
71 MAIN STREET
PORTER, ME 04868

DESIGNED	RED
DRAWN	DAB
CHECKED	OAM
DATE	09/01/2021
SCALE	1" = 40'
PROJECT	19407

19407 SOWB.TAB-S4-DIMR





REVISIONS	DATE	STATUS
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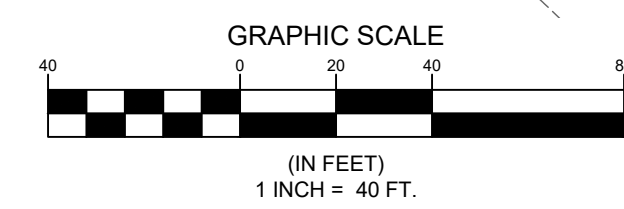
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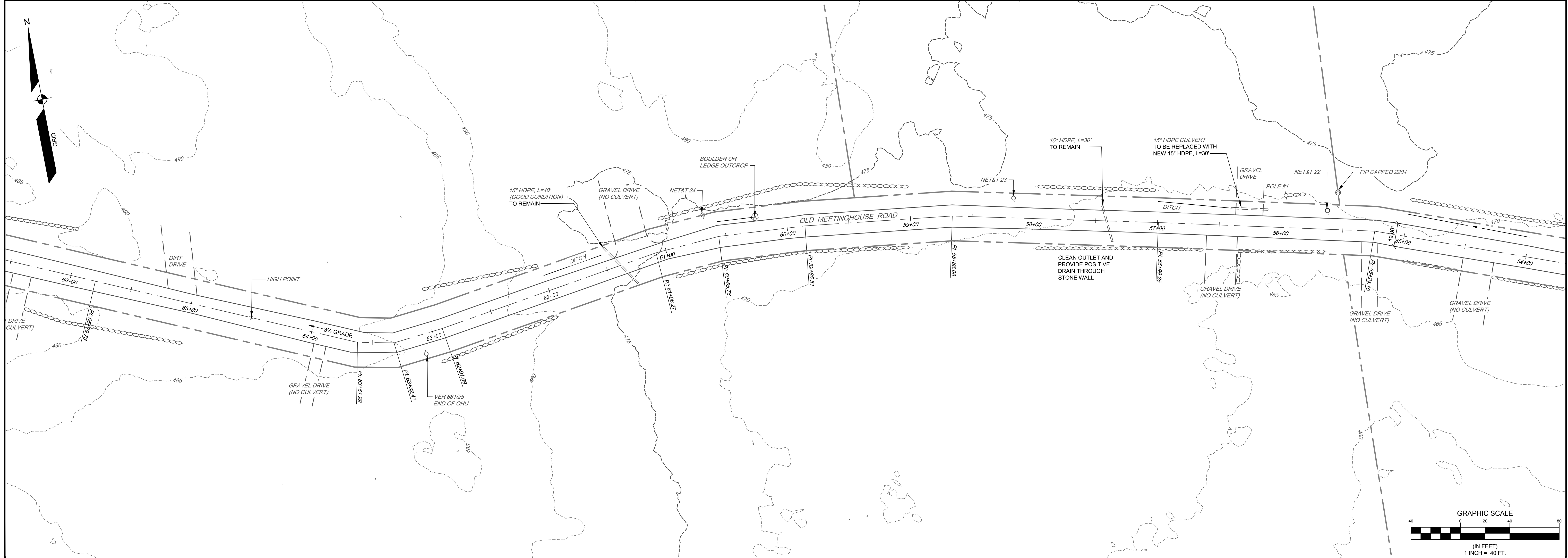
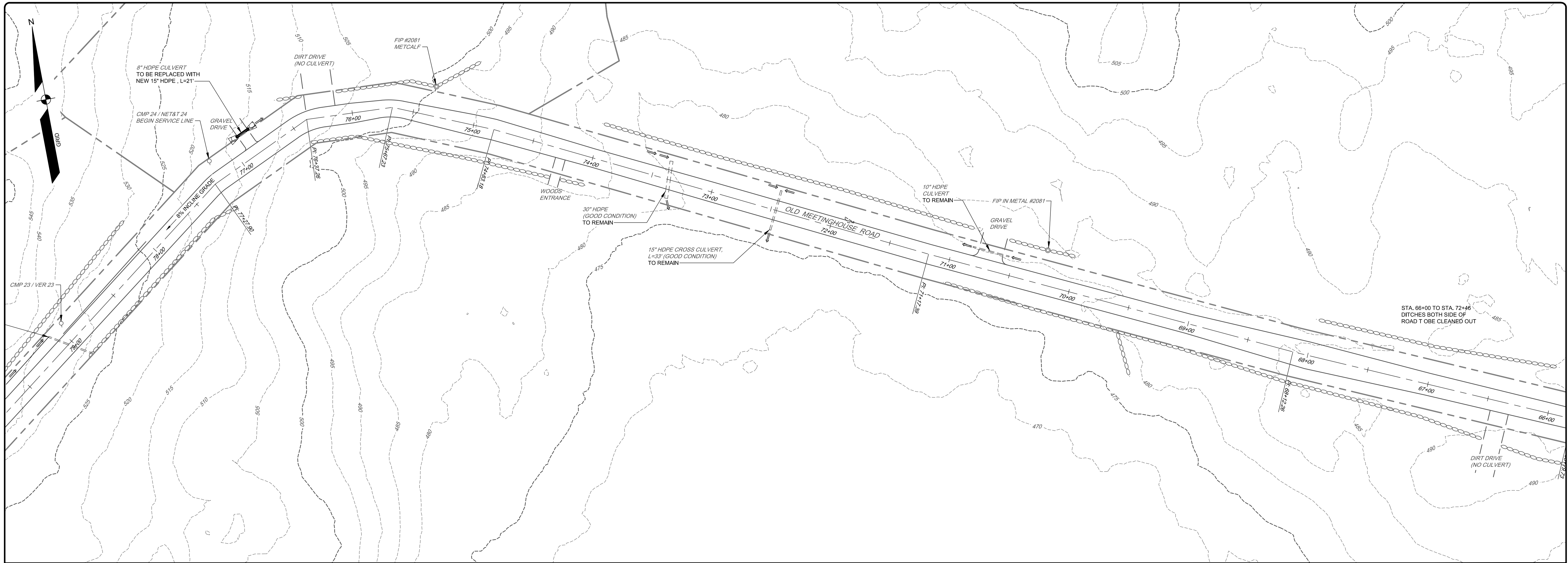
PLAN 5
 OF
OLD MEETING HOUSE ROAD - SPEC POND ROAD WEST
ROAD MAINTENANCE IMPROVEMENTS
 FOR THE
TOWN OF PORTER
 71 MAIN STREET
 PORTER, ME 04068

DESIGNED	RED
DRAWN	DAB
CHECKED	OAM
DATE	09/01/2021
SCALE	1" = 40'
PROJECT	19407

SHEET 6 OF 11



19407 SOWP.TAB\$5-CMIR



OWENS A. MACCULLOUGH, PE 7122

REV.	BY	DATE	STATUS
A	RED	10/20/2021	ISSUED FOR CONSTRUCTION

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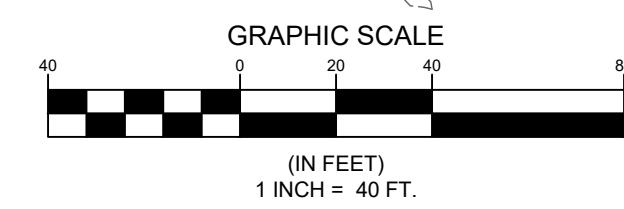
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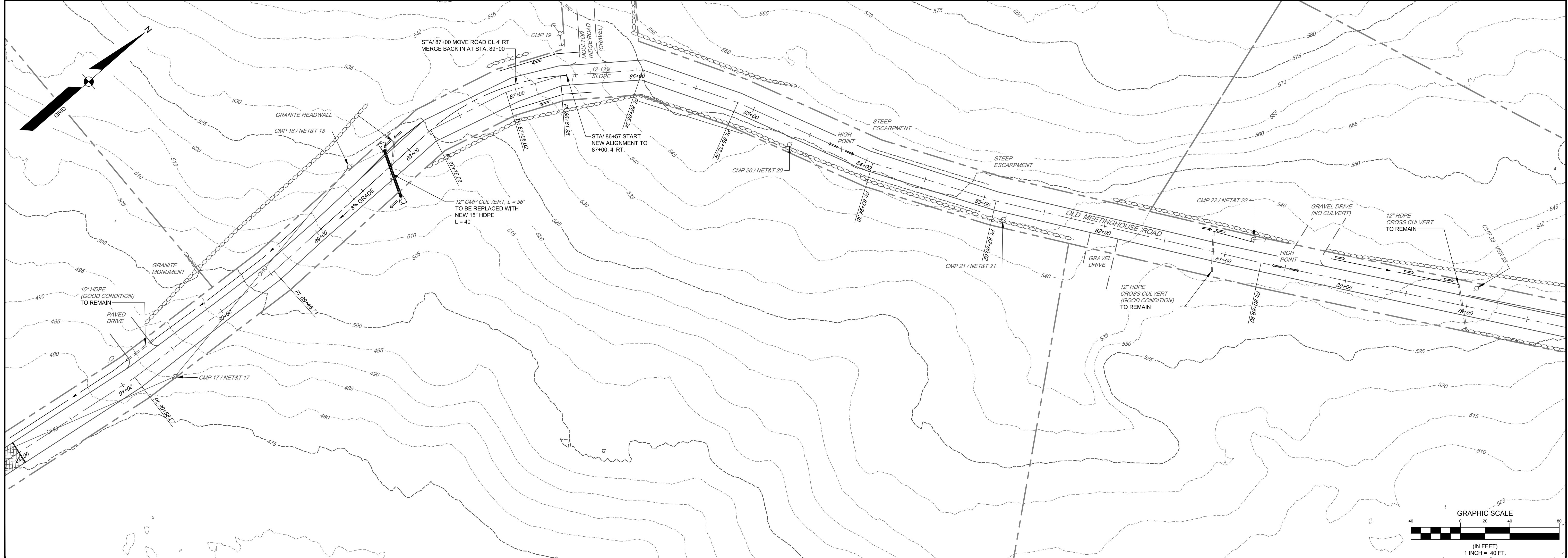
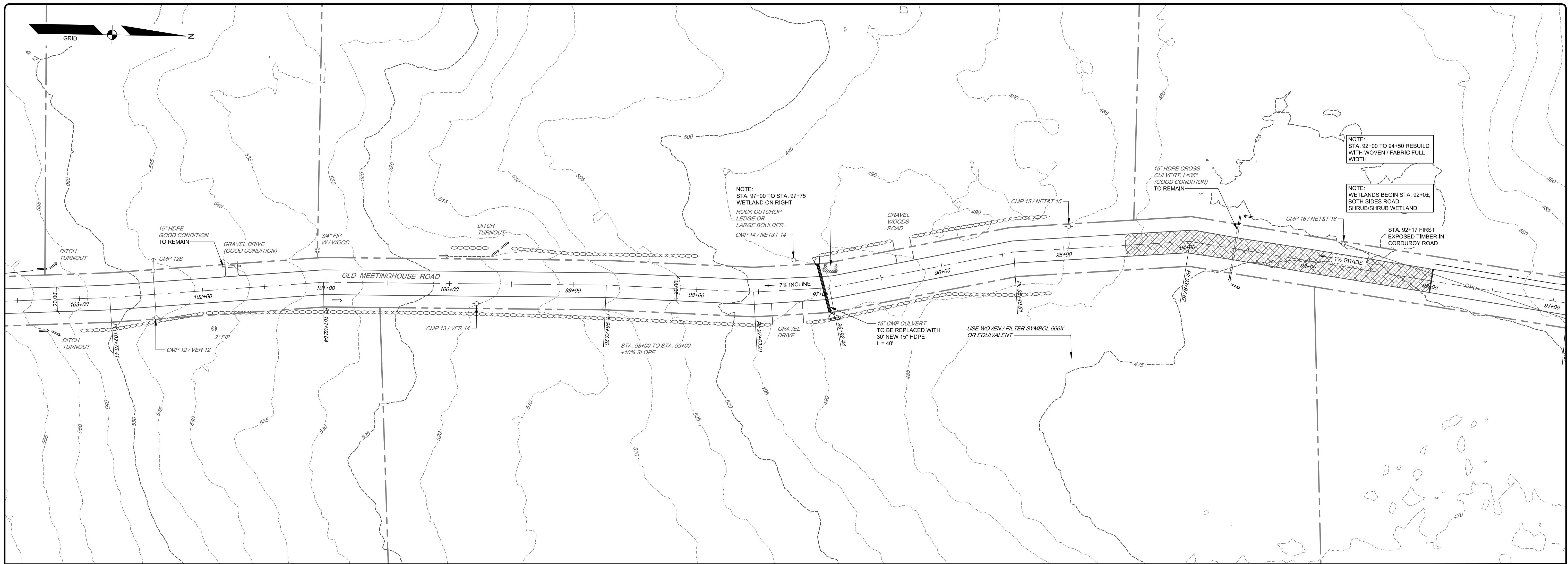
PLAN 6
OF
OLD MEETINGHOUSE ROAD - SPEC POND ROAD WEST
ROAD MAINTENANCE IMPROVEMENTS
FOR THE
TOWN OF PORTER
71 MAIN STREET
PORTER, ME 04868

DESIGNED	RED
DRAWN	DAB
CHECKED	OAM
DATE	09/01/2021
SCALE	1" = 40'
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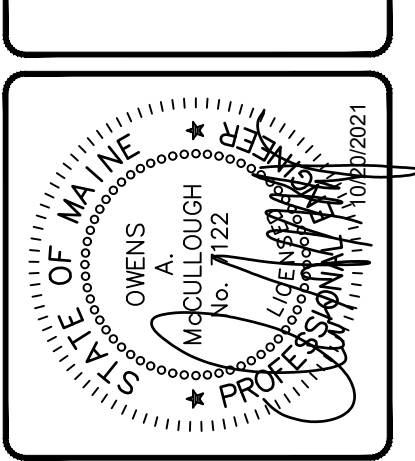
SHEET 7 OF 11



19407 Sewer TAB 56-DIMR



OWENS A. MCDONOUGH, PE 7122



REV.	BY	DATE	STATUS
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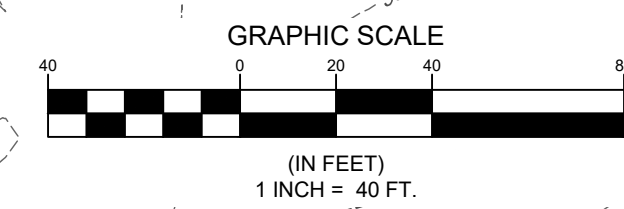
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South Portland, ME 04106
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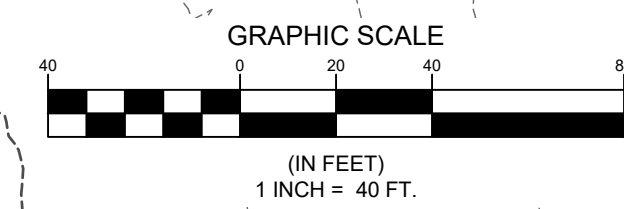
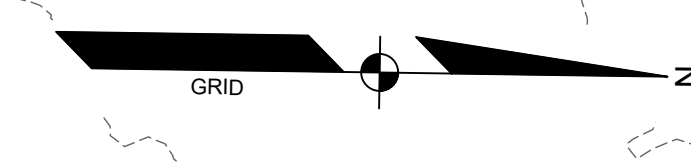
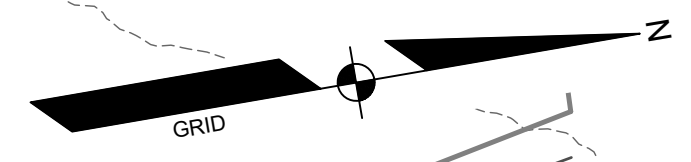
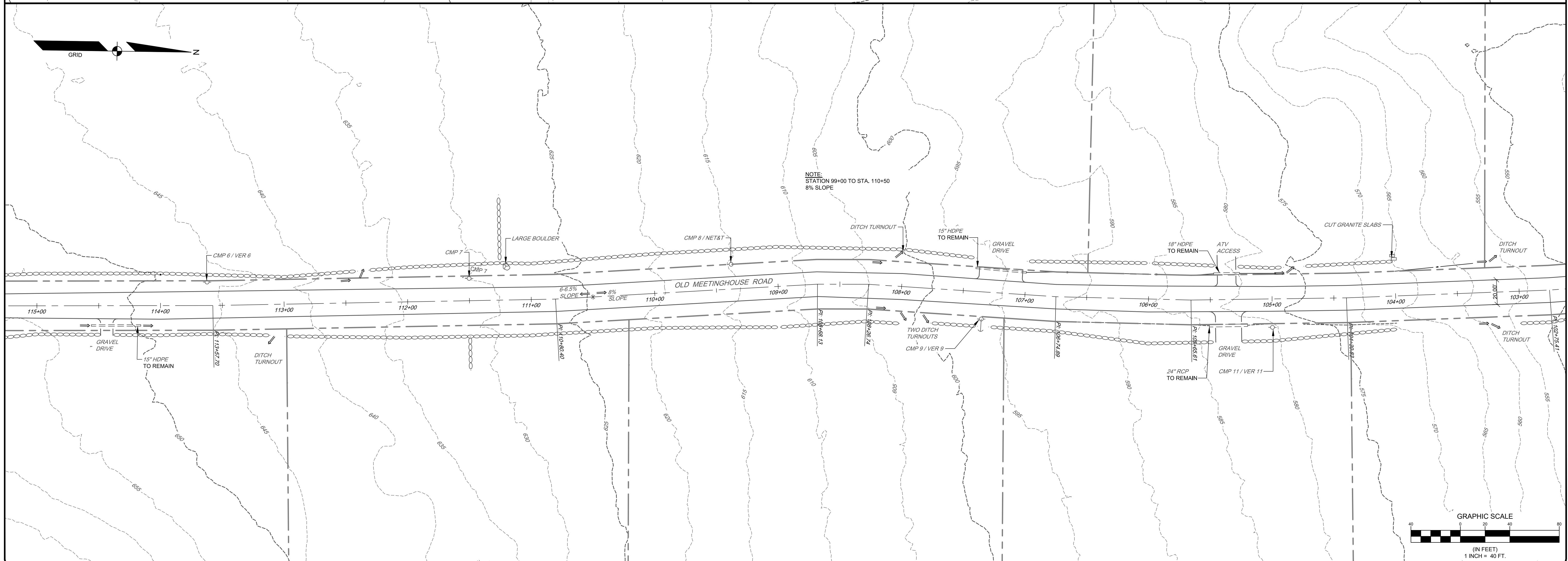
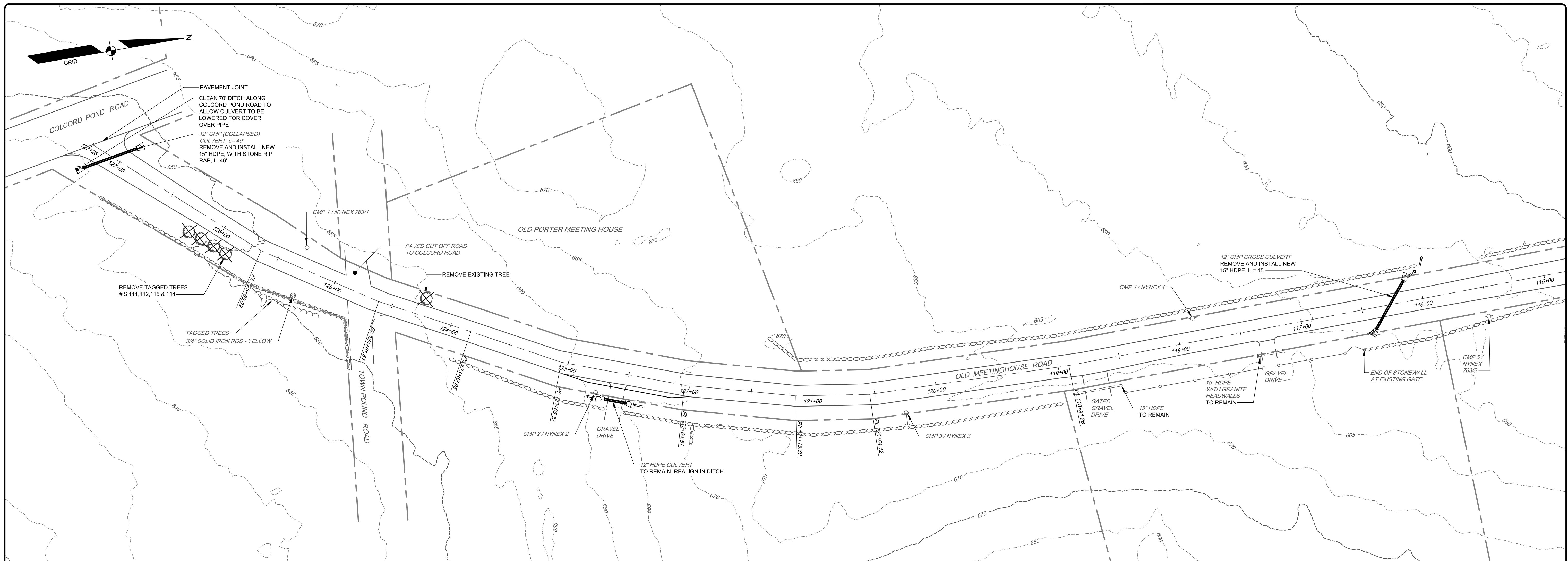
PLAN 7
OF
OLD MEETINGHOUSE ROAD - SPEC POND ROAD WEST
ROAD MAINTENANCE IMPROVEMENTS
FOR THE
TOWN OF PORTER
71 MAIN STREET
PORTER, ME 04068

DESIGNED	RED
DRAWN	DAB
CHECKED	OAM
DATE	09/01/2021
SCALE	1" = 40'
PROJECT	19407

SHEET 8 OF 11



19407.dwg, TAB:ST-DIMR



OWENS A. MCDONOUGH, PE 1722
 STATE OF MAINE
 OWENS A. MCDONOUGH
 No. 1722
 PROFESSIONAL ENGINEER
 EXPIRES 12/31/2021

REV.	BY	DATE	STATUS
A	RED	10/20/2021	ISSUED FOR CONSTRUCTION

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PLAN 8
 OF
OLD MEETINGHOUSE ROAD - SPEC POND ROAD WEST
ROAD MAINTENANCE IMPROVEMENTS
 FOR THE
TOWN OF PORTER
 71 MAIN STREET
 PORTER, ME 04068

DESIGNED	RED
DRAWN	DAB
CHECKED	OAM
DATE	09/01/2021
SCALE	1" = 40'
PROJECT	19407

SHEET 9 OF 11

19407 S.dwg, TAB:SS-CIMR

CONSTRUCTION NOTES

- ALL WORK SHALL CONFORM TO THE APPLICABLE CODES AND ORDINANCES.
- CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIM OR HERSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIM OR HERSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
- CONTRACTOR SHALL NOTIFY ENGINEER OF ALL PRODUCTS OR ITEMS NOTED AS "EXISTING" WHICH ARE NOT FOUND IN THE FIELD.
- INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND OWNER'S REQUIREMENTS UNLESS SPECIFICALLY OTHERWISE INDICATED OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND ERECTION OF ANY MATERIAL. ANY UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE ENGINEER.
- CONTRACTOR SHALL CLEAN AND REMOVE DEBRIS AND SEDIMENT DEPOSITED ON PUBLIC STREETS, SIDEWALKS, ADJACENT AREAS, OR OTHER PUBLIC WAYS DUE TO CONSTRUCTION.
- CONTRACTOR SHALL INCORPORATE PROVISIONS AS NECESSARY IN CONSTRUCTION TO PROTECT EXISTING STRUCTURES, PHYSICAL FEATURES, AND MAINTAIN SITE STABILITY DURING CONSTRUCTION. CONTRACTOR SHALL RESTORE ALL AREAS TO ORIGINAL CONDITION AND AS DIRECTED BY DESIGN DRAWINGS.
- SITE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO CONSTRUCTION.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH "MAINE EROSION AND SEDIMENTATION CONTROL HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT PRACTICES" PUBLISHED BY THE CUMBERLAND COUNTY SOIL AND WATER CONSERVATION DISTRICT AND MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, MARCH 2003 OR LATEST EDITION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO POSSESS A COPY OF THE EROSION CONTROL PLAN AT ALL TIMES.
- THE CONTRACTOR IS HEREBY CAUTIONED THAT ALL SITE FEATURES SHOWN HEREON ARE BASED ON FIELD OBSERVATIONS BY THE ENGINEER AND BY INFORMATION PROVIDED BY UTILITY COMPANIES. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT DIG SAFE (1-888-DIGSAFE) AT LEAST THREE (3) BUT NOT MORE THAN THIRTY (30) DAYS PRIOR TO COMMENCEMENT OF EXCAVATION OR DEMOLITION TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES.
- CONTRACTOR SHALL BE AWARE THAT DIG SAFE ONLY NOTIFIES ITS "MEMBER" UTILITIES ABOUT THE DIG. WHEN NOTIFIED, DIG SAFE WILL ADVISE CONTRACTOR OF MEMBER UTILITIES IN THE AREA. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND CONTACTING NON-MEMBER UTILITIES DIRECTLY. NON-MEMBER UTILITIES MAY INCLUDE TOWN OR CITY WATER AND SEWER DISTRICTS AND SMALL LOCAL UTILITIES, AS WELL AS USG PUBLIC WORKS SYSTEMS.
- CONTRACTORS SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE REQUIREMENTS OF 23 MRSA 3360-A. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE APPROPRIATE UTILITIES TO OBTAIN AUTHORIZATION PRIOR TO RELOCATION OF ANY EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS. IF A UTILITY CONFLICT ARISES, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER, THE MUNICIPALITY AND APPROPRIATE UTILITY COMPANY PRIOR TO PROCEEDING WITH ANY RELOCATION.
- ALL PAVEMENT MARKINGS AND DIRECTIONAL SIGNAGE SHOWN ON THE PLAN SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS.
- ALL PAVEMENT JOINTS SHALL BE SAWCUT PRIOR TO PAVING TO PROVIDE A DURABLE AND UNIFORM JOINT.
- NO HOLES, TRENCHES OR STRUCTURES SHALL BE LEFT OPEN OVERNIGHT IN ANY EXCAVATION ACCESSIBLE TO THE PUBLIC OR IN PUBLIC RIGHTS-OF-WAY.
- IMMEDIATELY UPON COMPLETION OF CUTS/FILLS, THE CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH EROSION CONTROL NOTES AND AS SPECIFIED ON PLANS.
- THE CONTRACTOR SHALL BE FULLY AND SOLELY RESPONSIBLE FOR THE REMOVAL, REPLACEMENT AND RECTIFICATION OF ALL DAMAGED AND DEFECTIVE MATERIAL AND WORKMANSHIP IN CONNECTION WITH THE CONTRACT WORK. THE CONTRACTOR SHALL REPLACE OR REPAIR AS DIRECTED BY THE OWNER ALL SUCH DAMAGED OR DEFECTIVE MATERIALS WHICH APPEAR WITHIN A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.
- ALL WORK PERFORMED BY THE CONTRACTOR AND/OR TRADE SUBCONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF LOCAL, STATE OR FEDERAL LAWS, AS WELL AS ANY OTHER GOVERNING REQUIREMENTS, WHETHER OR NOT SPECIFIED ON THE DRAWINGS.
- WHERE THE TERMS "APPROVED EQUAL," "OTHER APPROVED," "EQUAL TO," "ACCEPTABLE" OR OTHER GENERAL QUALIFYING TERMS ARE USED IN THESE NOTES, IT SHALL BE UNDERSTOOD THAT REFERENCE IS MADE TO THE RULING AND JUDGMENT OF SEBAGO TECHNICS, INC. AND SELECTMEN.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION FOR THE WORK UNTIL TURNED OVER TO THE OWNER.
- THE GENERAL CONTRACTOR SHALL MAINTAIN A CURRENT AND COMPLETE SET OF CONSTRUCTION DRAWINGS ON SITE DURING ALL PHASES OF CONSTRUCTION FOR USE OF ALL TRADES.
- THE CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ANY CHANGES AND DEVIATION OF APPROVED PLANS NOT AUTHORIZED BY THE ARCHITECT/ENGINEER AND/OR CLIENT/OWNER.
- DETAILS ARE INTENDED TO SHOW END RESULT OF DESIGN. ANY MODIFICATION TO SUIT FIELD DIMENSION AND CONDITION SHALL BE SUBMITTED TO THE SELECTMEN FOR REVIEW AND APPROVAL PRIOR TO ANY WORK.
- BEFORE THE FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL REMOVE ALL EQUIPMENT AND MATERIALS, REPAIR OR REPLACE PRIVATE OR PUBLIC PROPERTY WHICH MAY HAVE BEEN DAMAGED OR DESTROYED DURING CONSTRUCTION, CLEAN THE AREAS WITHIN AND ADJACENT TO THE PROJECT WHICH HAVE BEEN OBSTRUCTED BY HIS/HER OPERATIONS, AND LEAVE THE PROJECT AREA NEAT AND PRESENTABLE.
- ALL STORM DRAIN PIPE SHALL BE HDPE SMOOTH-BORE PIPE OR APPROVED EQUAL.
- EXISTING UTILITY POLES MAY BE WITHIN THE CONSTRUCTION AREA. IT IS NOT THE TOWN'S INTENT TO MOVE ANY POLES. THE CONTRACTOR WILL COORDINATE WITH THE UTILITY COMPANY TO MAINTAIN THE INTEGRITY OF ANY POLE CLOSE TO ANY EXCAVATION ACTIVITY ASSOCIATED WITH CONSTRUCTION. IF ANY POLE FALLS WITHIN 2' OF EDGE OF PAVEMENT, CONTRACTOR WILL COORDINATE WITH SELECTMEN AND UTILITY COMPANY FOR POSSIBLE RELOCATION.
- ALL WORK ASSOCIATED WITH GENERAL NOTES OR REQUIRED BY CONSTRUCTION AND NOT SPECIFICALLY INDICATED IN PAY ITEMS, BUT REQUIRED TO COMPLETE THE PROJECT SHALL BE CONSIDERED INCIDENTAL TO THE COST OF CONSTRUCTION. NO EXTRA PAYMENT WILL BE MADE.
- CONTRACTOR TO FOLLOW EXISTING CENTER LINE DITCHES OR AS INDICATED ON CONTRACT DRAWINGS.

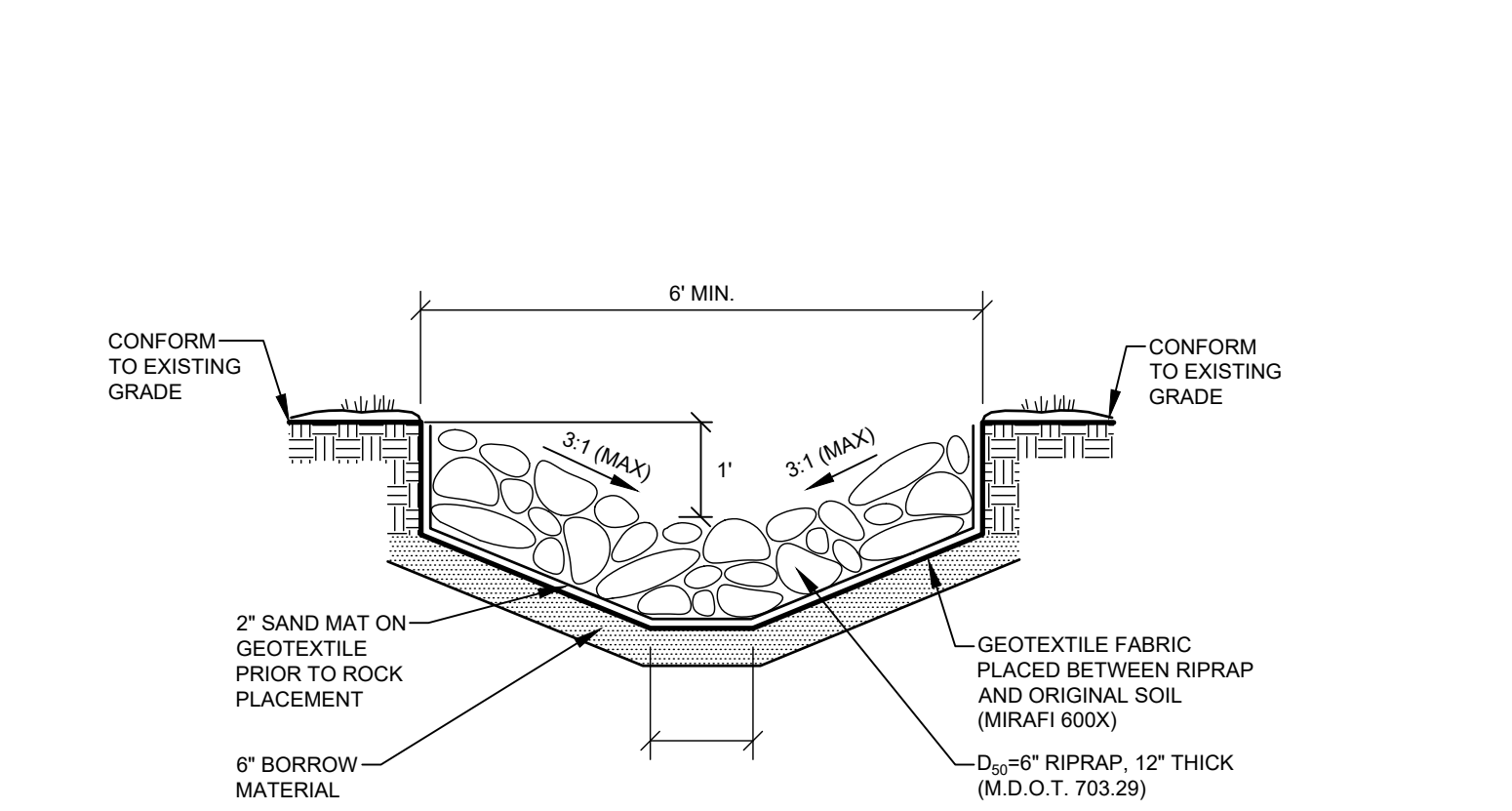
EROSION AND SEDIMENTATION CONTROL PLAN

- A. PRE-CONSTRUCTION PHASE
- PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, FILTER BARRIER FENCING WILL BE STAKED ACROSS THE SLOPE(S), ON THE CONTOUR, AT OR JUST BELOW THE LIMITS OF CLEARING OR GRUBBING, AND/OR JUST ABOVE ANY ADJACENT PROPERTY LINE OR WATERCOURSE TO PROTECT AGAINST CONSTRUCTION RELATED EROSION. THE PLACEMENT OF FILTER BARRIER FENCING SHALL BE INSTALLED IN ACCORDANCE WITH THE MAINE EROSION AND SEDIMENT CONTROL BMPs. LATEST REVISION. THIS NETWORK IS TO BE MAINTAINED BY THE CONTRACTOR UNTIL ALL EXPOSED SLOPES HAVE AT LEAST 85%-90% VIGOROUS PERENNIAL VEGETATIVE COVER TO PREVENT EROSION.
 - CONSTRUCTION AND POST-CONSTRUCTION PHASE
 - AREAS UNDERGOING ACTUAL CONSTRUCTION SHALL ONLY EXPOSE THAT AMOUNT OF MINERAL SOIL NECESSARY FOR PROGRESSIVE AND EFFICIENT CONSTRUCTION AND SHALL NOT EXCEED 14 DAYS. AREAS THAT WILL NOT BE COMPLETED (COVERED AND/OR FINISH GRADED) WITHIN FOURTEEN (14) DAYS OF DISTURBANCE SHALL BE ANCHORED WITH TEMPORARY EROSION CONTROL MEASURES WITHIN FOURTEEN (14) DAYS OF DISTURBANCE. TEMPORARY EROSION CONTROL SHALL INCLUDE EROSION CONTROL MESH, NETTING OR MULCH AS DIRECTED BY THE INSPECTING ENGINEER AND AS SHOWN ON THE DESIGN PLANS. IF MULCH IS USED, HAY OR STRAW MULCH SHALL BE APPLIED AT THE RATE OF 2 BALES PER 1,000 SQUARE FEET. APPLICATION AREA SHALL BE SUFFICIENTLY COVERED WITH MULCH TO AVOID ANY VISIBLE SOIL EXPOSURE. MULCH SHALL BE KEPT MOIST TO AVOID LOSS DUE TO WIND. MULCH AND NETTING SHALL BE APPLIED IN THE BASE OF ALL GRASSES WATERWAYS (I.E., ROADWAY DITCHES) AND IN SLOPES WHICH EXCEED 15% AND ANY DISTURBED AREAS WITHIN 100' OF WETLANDS OR STREAMS. IF DISTURBED AREAS DO NOT RECEIVE FINAL SEEDING BY SEPTEMBER 15TH OF THE YEAR OF CONSTRUCTION, THEN ALL DISTURBED AREAS SHALL BE SEEDED WITH A WINTER COVER CROP OF RYE AT THE RATE OF 3 LBS./1,000 S.F. TO PROVIDE WINTER PROTECTION. WINTER SEEDINGS SHALL BE COVERED WITH EROSION CONTROL MESH (MULCH AND NETTING). HEAVY GRADE MATS SHALL BE USED IN THE BASE OF ALL GRASSES WATERWAYS, ON SLOPES EQUAL TO OR GREATER THAN 15%, AND ANY DISTURBED AREAS WITHIN 100' OF WETLANDS OR STREAMS. MULCH AND NETTING SHALL ALSO BE APPLIED FOR ADDITIONAL WINTER PROTECTION ALONG SIDE SLOPES OF GRASSES WATERWAYS AND IN ALL AREAS EQUAL TO OR GREATER THAN 8% SLOPE.
 - DURING WINTER CONDITIONS, AREAS THAT WILL NOT BE COMPLETED (COVERED AND/OR FINISH GRADED) WITHIN SEVEN (7) DAYS OF DISTURBANCE SHALL BE ANCHORED WITH TEMPORARY EROSION CONTROL MEASURES WITHIN SEVEN (7) DAYS OF DISTURBANCE. TEMPORARY EROSION CONTROL SHALL INCLUDE EROSION CONTROL MESH, NETTING OR MULCH AS DIRECTED BY THE INSPECTING ENGINEER AND AS SHOWN ON THE DESIGN PLANS. IF MULCH IS USED, HAY OR STRAW MULCH SHALL BE APPLIED TO PROVIDE A MINIMUM UNIFORM MULCH DEPTH OF 4". THE APPLICATION AREA SHALL BE SUFFICIENTLY COVERED WITH MULCH TO AVOID ANY VISIBLE SOIL EXPOSURE.
 - ALL TOPSOIL SHALL BE COLLECTED, STOCKPILED, SEEDED WITH RYE AT 3 LBS./1,000 S.F. AND MULCHED, AND RE-USED AS REQUIRED. SILTATION FENCING SHALL BE PLACED DOWN GRADIENT FROM STOCKPILED LOAM. LOAM SHALL BE STOCKPILED AT LOCATIONS DESIGNATED BY THE OWNER AND INSPECTING ENGINEER.
 - ALL SILT FENCES AND EROSION CONTROL MEASURES SHALL BE INSTALLED ACCORDING TO THESE NOTES AND THE MAINE EROSION AND SEDIMENT CONTROL BMPs MANUAL, LATEST REVISION. THESE SHALL BE MAINTAINED DURING DEVELOPMENT TO REMOVE SEDIMENT FROM RUNOFF WATER. ALL THE SILT FENCES AND EROSION CONTROL MEASURES SHALL BE INSPECTED BEFORE AND AFTER ANY RAINFALL OR RUNOFF EVENT, MAINTAINED AND CLEANED UNTIL ALL AREAS HAVE AT LEAST 85%-90% VIGOROUS PERENNIAL VEGETATIVE COVER OF GRASSES.
 - STONE CHECK DAMS MAY BE REMOVED ONLY AFTER THE ROADWAYS ARE PAVED AND THE VEGETATED SWALES ARE ESTABLISHED WITH AT LEAST 85% TO 90% OF VIGOROUS PERENNIAL GROWTH.
 - ALL AREAS SHALL BE SEEDED AND STABILIZED IN ACCORDANCE WITH THE FOLLOWING VEGETATION PLAN.
- C. VEGETATION PLAN
- REVEGETATION MEASURES SHALL COMMENCE IMMEDIATELY UPON COMPLETION OF CONSTRUCTION OF THE ROADWAY IMPROVEMENTS. DISTURBED AREAS SHALL ALSO BE MULCHED AND ANCHORED PRIOR TO ANY STORM EVENT. SEE MULCHING REQUIREMENTS IN SECTION B(1A) ABOVE. IF FINAL SEEDING CANNOT BE ACCOMPLISHED BY SEPTEMBER 15TH, THEN ALL DISTURBED AREAS SHALL BE SEEDED WITH A WINTER COVER CROP OF RYE AT THE RATE OF 3 LBS./1,000 SQ. FT. TO PROVIDE WINTER PROTECTION. SEEDED AREAS SHALL BE COVERED WITH EROSION CONTROL MESH. SEE WINTER PROTECTION REQUIREMENTS IN SECTION B (1B) ABOVE. REVEGETATION MEASURES SHALL CONSIST OF THE FOLLOWING:
- FOUR INCHES OF LOAM WILL BE SPREAD OVER DISTURBED AREAS AND SMOOTHED TO A UNIFORM SURFACE. LOAM SHALL BE FREE OF SUBSOIL, CLAY LUMPS, STONES AND OTHER OBJECTS OVER 1" IN DIAMETER, AND WITHOUT WEEDS, ROOTS OR OTHER OBJECTIONABLE MATERIAL.
 - SOILS TESTS SHALL BE TAKEN AT THE TIME OF SOIL STRIPPING TO DETERMINE FERTILIZATION REQUIREMENTS. SOILS TEST SHALL BE TAKEN PROMPTLY AS TO NOT INTERFERE WITH THE 14 DAY LIMIT ON SOIL EXPOSURE. BASED UPON TEST RESULTS, SOIL AMENDMENTS SHALL BE INCORPORATED INTO THE SOIL PRIOR TO FINAL SEEDING. IN LIEU OF SOIL TESTS, SOIL AMENDMENTS MAY BE APPLIED AS FOLLOWS: ITEM APPLICATION RATE 10-20-20 FERTILIZER 18.4 LB./1,000 SF (N-P205-K20 OR EQUAL GROUND LIMESTONE (50% 138 LB./1,000 SF CALCIUM + MAGNESIUM OXIDE)
 - FOLLOWING SEED BED PREPARATION, SWALE AREAS, FILL AREAS AND BACK SLOPES SHALL BE SEEDED AT A RATE OF 3 LBS./1,000 S.F. WITH A MIXTURE OF 35% CREEPING RED FESCUE, 6% RED TOP, 24% KENTUCKY BLUEGRASS, 10% PERENNIAL RYEGRASS, 20% ANNUAL RYEGRASS AND 5% WHITE DUTCH CLOVER.
 - EROSION CONTROL MESH SHALL BE APPLIED IN ACCORDANCE WITH THE PLANS OVER ALL FINISH SEEDED AREAS AS SPECIFIED ON THE DESIGN PLANS.
 - ALL HAY BALE AND/OR FILTER FABRIC BARRIERS WILL REMAIN IN PLACE UNTIL SEEDINGS HAVE BECOME 85%-90% ESTABLISHED AND THEN REMOVED WITHIN 10 DAYS.
 - THE INSPECTING ENGINEER AT HIS/HER DISCRETION, MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES AND/OR SUPPLEMENTAL VEGETATIVE PROVISIONS TO MAINTAIN STABILITY OF EARTHWORKS AND FINISH GRADED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ANY SUPPLEMENTAL MEASURES AS DIRECTED BY THE INSPECTING ENGINEER. FAILURE TO COMPLY WITH THE ENGINEER'S DIRECTIONS WILL RESULT IN DISCONTINUATION OF CONSTRUCTION ACTIVITIES.
- E. INSPECTIONS/MONITORING MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION CYCLE. AFTER EACH RAINFALL, THE CONTRACTOR SHALL PERFORM A VISUAL INSPECTION OF ALL INSTALLED EROSION CONTROL MEASURES. THE CONTRACTOR SHALL PERFORM REPAIRS AS NEEDED TO ALLOW CONTINUED PROPER FUNCTIONING OF THE EROSION CONTROL MEASURE. THE CONTRACTOR SHALL PROVIDE THE MUNICIPALITY WITH WRITTEN DOCUMENTATION DESCRIBING DATES OF INSPECTIONS AND NECESSARY FOLLOW-UP WORK TO MAINTAIN EROSION CONTROL MEASURES MEETING THE REQUIREMENTS OF THIS PLAN. FOLLOWING THE TEMPORARY AND/OR FINAL SEEDINGS, THE CONTRACTOR SHALL INSPECT THE WORK AREA SEMIMONTHLY UNTIL THE SEEDINGS HAVE BEEN ESTABLISHED. ESTABLISHED MEANS A MINIMUM OF 85%-90% OF AREAS VEGETATED WITH VIGOROUS GROWTH. RESEEDING SHALL BE CARRIED OUT BY THE CONTRACTOR WITH FOLLOW-UP INSPECTIONS IN THE EVENT OF ANY FAILURES UNTIL VEGETATION IS ADEQUATELY ESTABLISHED.

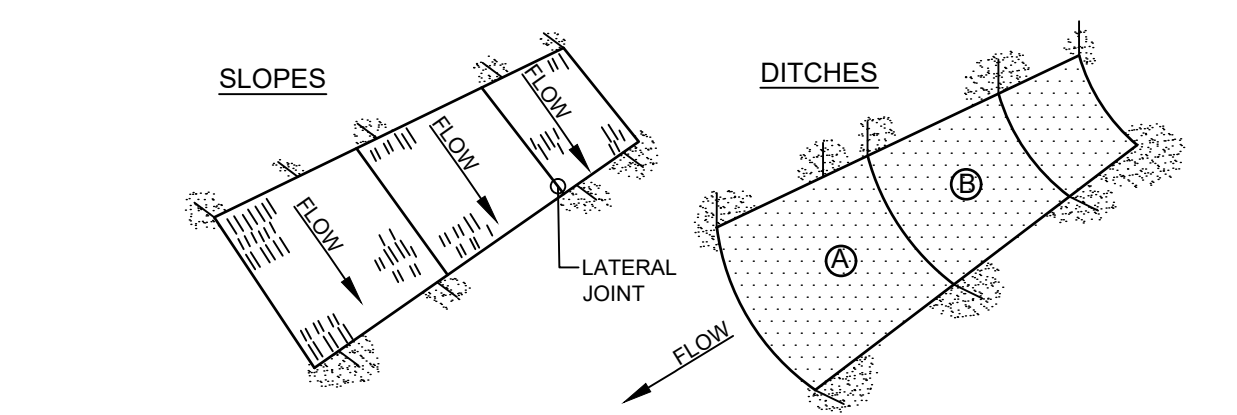
EROSION CONTROL MIX BERM
NOT TO SCALE

FILTER BARRIER
NOT TO SCALE

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

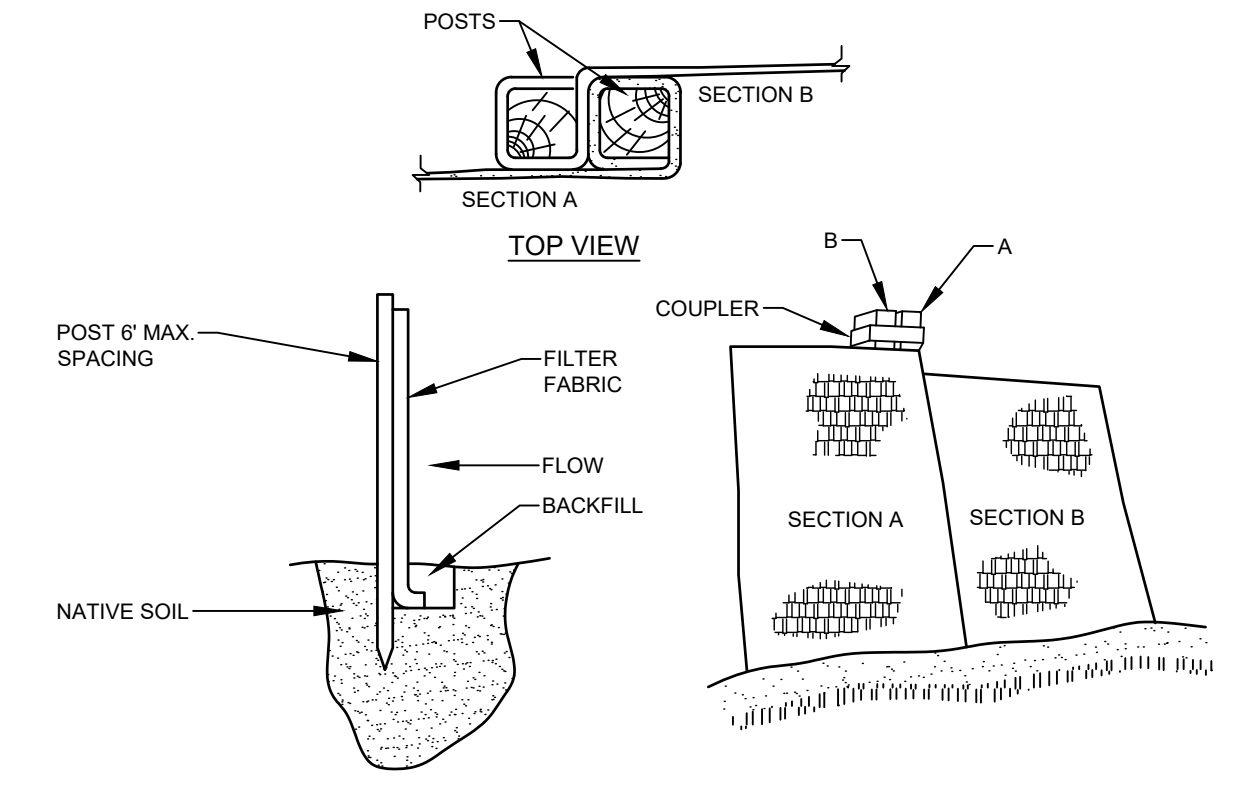


RIPRAP SWALE
NOT TO SCALE

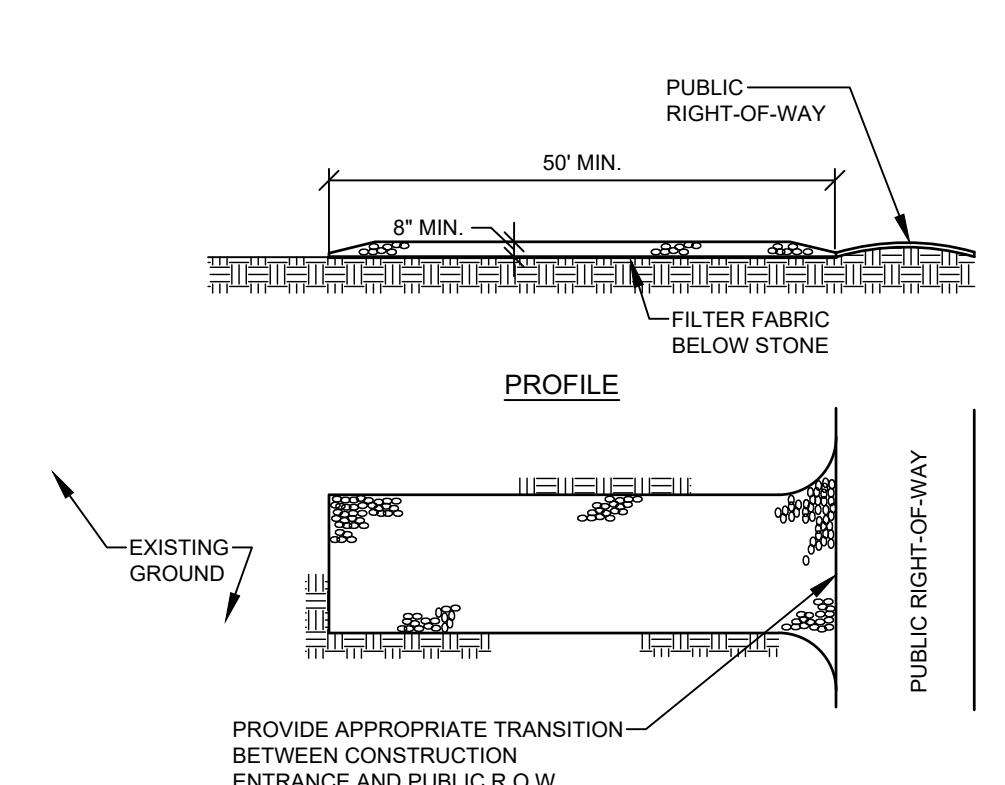


- NOTES:
- BURY THE TOP END OF THE MESH MATERIAL IN A 6" TRENCH AND BACKFILL AND TAMP TRENCHING SECURE END WITH STAPLES AT 6" SPACING, 4" DOWN FROM EXPOSED END.
 - FLOW DIRECTION JOINTS TO HAVE UPPER END OF LOWER STRIP BURIED WITH UPPER LAYERS OVERLAPPED 4" AND STAPLED. OVERLAP B OVER A.
 - LATERAL JOINTS TO HAVE 4" OVERLAP OF STRIPS. STAPLE 18" ON CENTER.
 - STAPLE OUTSIDE LATERAL EDGE 2" ON CENTER.
 - WIRE STAPLES TO BE MN OF #11 WIRE 6" LONG AND 1-1/2" WIDE.
 - USE NORTH AMERICAN GREEN DS 150 OR APPROVED EQUAL.

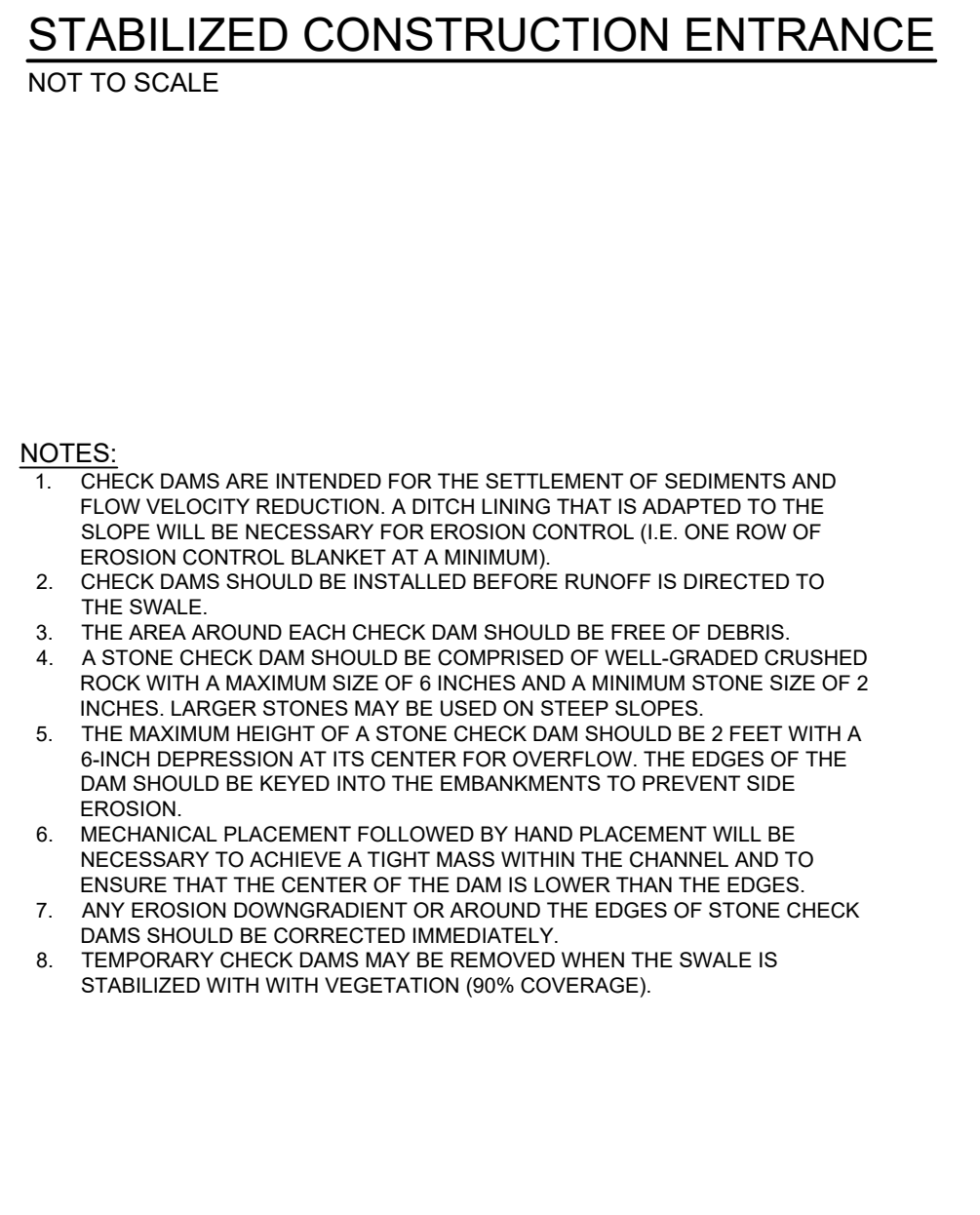
EROSION CONTROL BLANKET
NOT TO SCALE



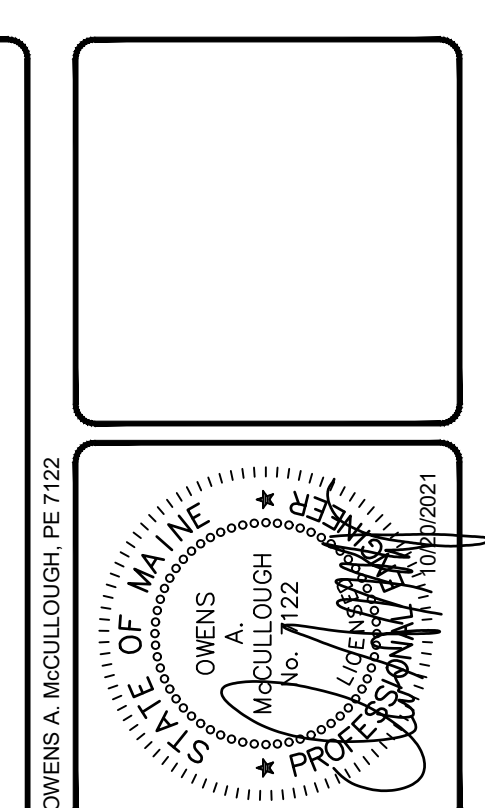
- INSTALLATION:
- EXCAVATE A 6"x 6" TRENCH ALONG THE LINE OF PLACEMENT FOR THE FILTER BARRIER.
 - UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH.
 - DRIVE POSTS INTO THE GROUND UNTIL APPROXIMATELY 2" OF FABRIC IS LYING ON THE TRENCH BOTTOM.
 - LAY THE TOE-IN FLAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH. BACKFILL THE TRENCH AND TAMP THE SOIL. TOE-IN CAN ALSO BE ACCOMPLISHED BY LAYING THE FABRIC FLAP ON UNDISTURBED GROUND AND PILING AND TAMING FILL AT THE BASE. BUT MUST BE ACCOMPANIED BY AN INTERCEPTION DITCH.
 - JOIN SECTION AS SHOWN ABOVE.
 - BARRIER SHALL BE MIRAFI SILT FENCE OR EQUAL.
 - THE FENCE SHOULD BE ANCHORED TO RESIST PULL-OUT AND BE STRETCHED TIGHTLY BETWEEN STAKES TO PREVENT SAGGING.
 - IN AREAS WHERE FLAP CANNOT BE KEVED PROPERLY (DUE TO FROZEN GROUND, BEDROCK, STONY SOILS, ROOTS NEAR A PROTECTED NATURAL RESOURCE, ETC.) THE SILT FENCE SHOULD BE ANCHORED WITH AGGREGATE, CRUSHED STONE, EROSION CONTROL MIX OR OTHER MATERIAL.
 - FILTER BARRIER NEEDS TO BE REMOVED WHEN THE AREA IS STABILIZED.



- NOTES:
- STONE SIZE- AASHTO DESIGNATION M43, SIZE NO. 2 (2 1/2" TO 1 1/2"). USE CRUSHED STONE.
 - LENGTH- AS SHOWN ON PLANS, MIN. 50 FEET.
 - THICKNESS- NOT LESS THAN EIGHT (8) INCHES.
 - WIDTH- NOT LESS THAN FULL WIDTH OF ALL POINT OF INGRESS OR EGRESS.
 - MAINTENANCE- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.



STONE CHECK DAM
NOT TO SCALE



REV.	BY	DATE	STATUS
A	RED	10/20/2021	ISSUED FOR CONSTRUCTION

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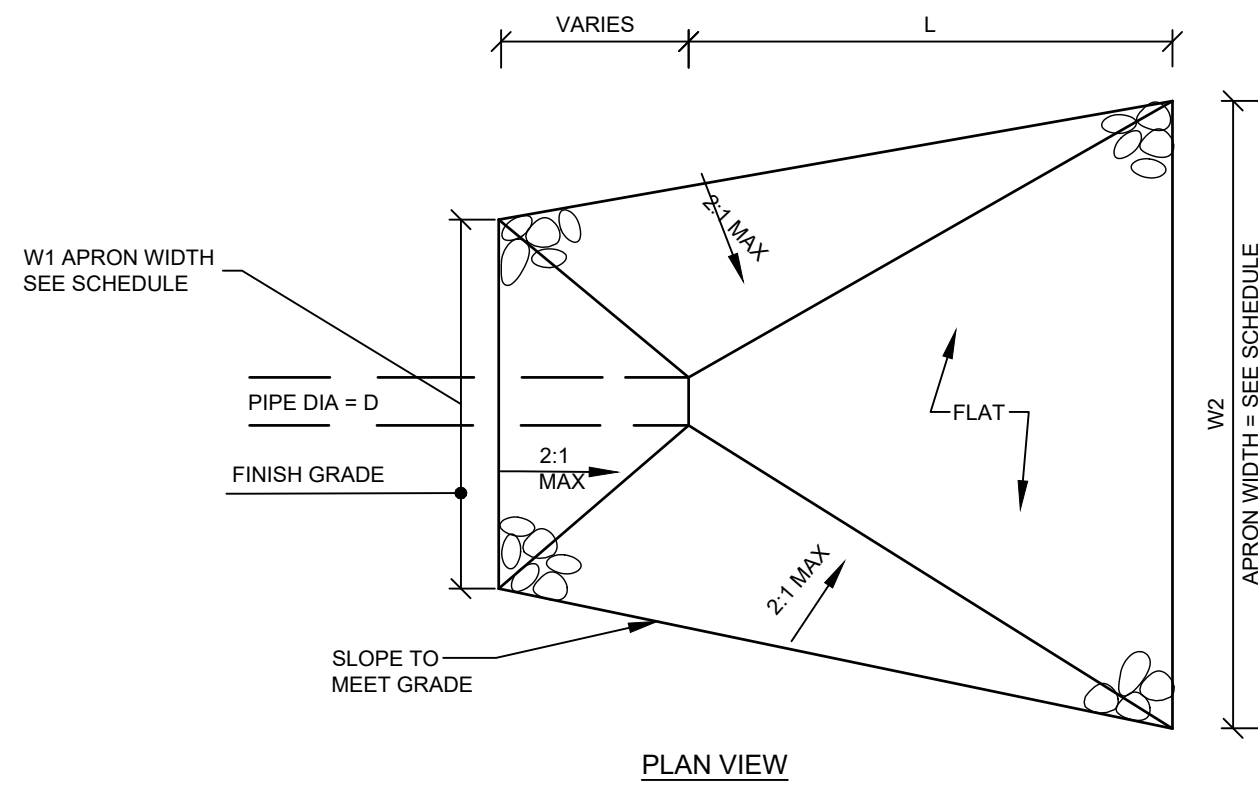
75 John Roberts Rd.
Sullivan, IA
South Portland, ME 04106
Tel. 207-250-2100

DETAILS OF SPEC POND & OLD MEETING HOUSE ROAD MAINTENANCE IMPROVEMENTS

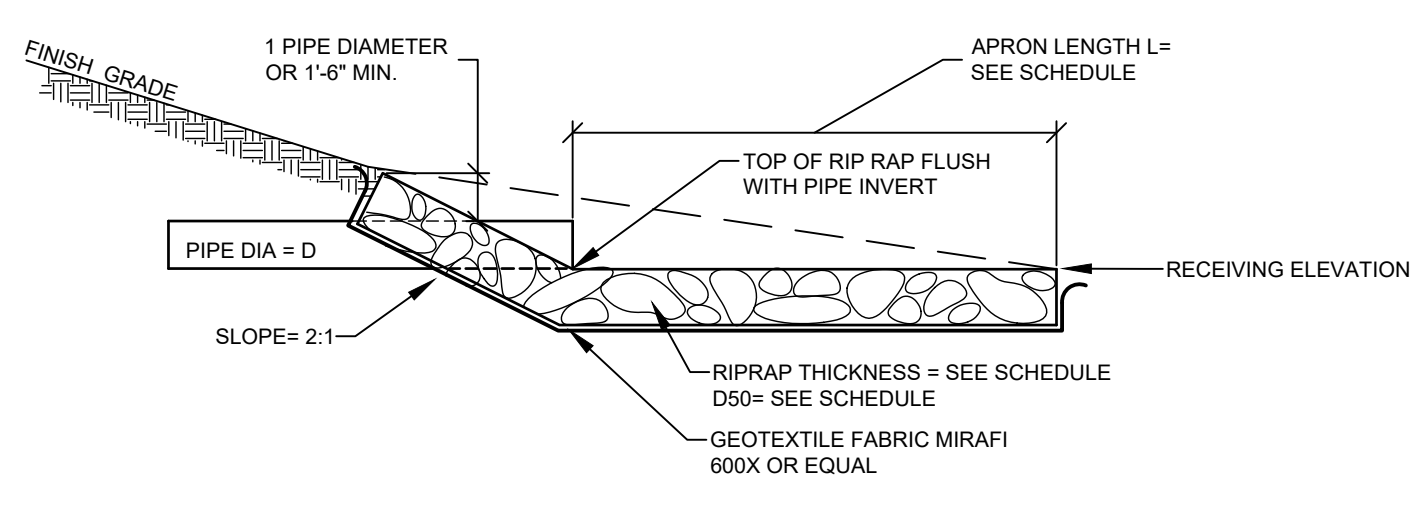
FOR THE TOWN OF PORTER

71 MAIN STREET
PORTER, ME 04068

DESIGNED	RED
DRAWN	DAB
CHECKED	OAM
DATE	09/01/2021
SCALE	NTS
PROJECT	19407



PLAN VIEW

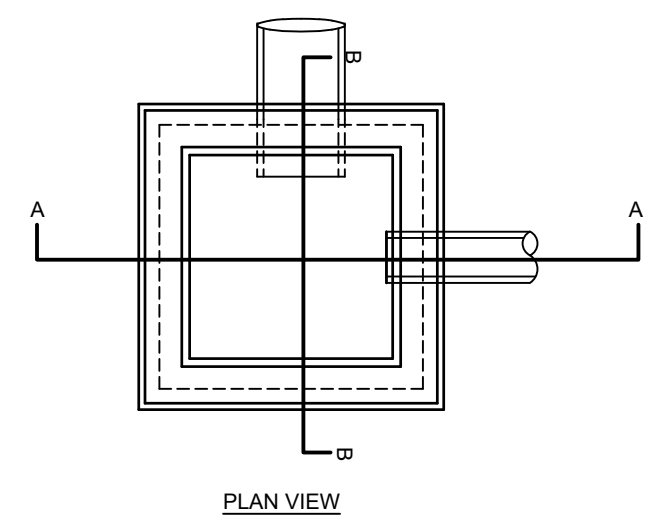


SECTION VIEW

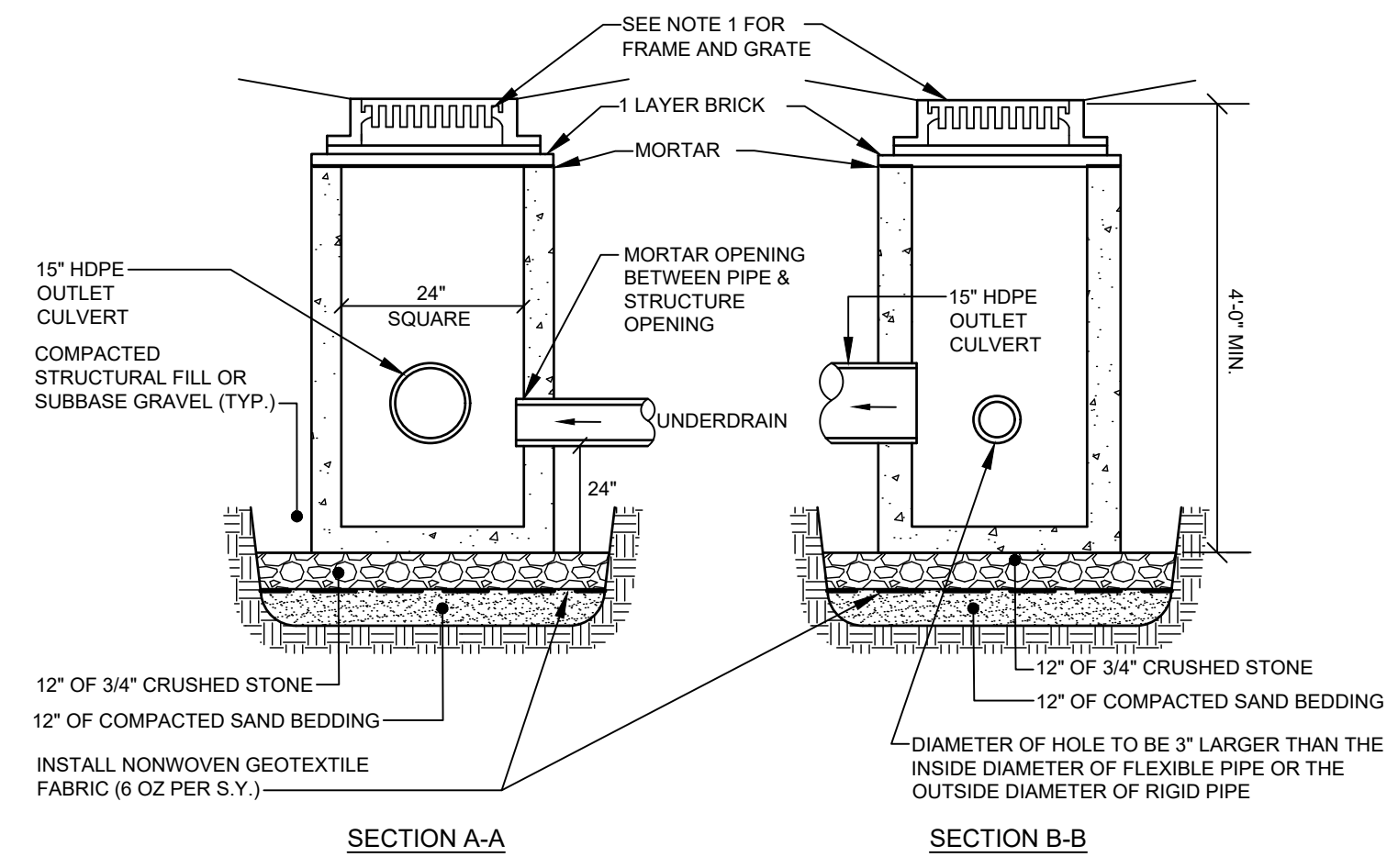
- NOTES:
- RIPRAP TO BE PROCESSED ANGULAR ROCK
 - RIPRAP GRADATION SHALL BE A WELL GRADED MIX FROM ABOUT 1.5 TIMES D SIZE TO 25 PERCENT OF THE D SIZE
 - THE RIPRAP STONES SHALL BE CAREFULLY PLACED FROM THE TOE OF THE SLOPE UPWARD AND NOT BE ALLOWED TO DROP MORE THAN 12" ONTO THE GEOTEXTILE
 - THE FINISHED SURFACE SHALL BE A RELATIVELY SMOOTH, UNIFORMLY SLOPED SURFACE

CULVERT DIAMETER - D (IN.)	APRON LENGTH - L (FT.)	WIDTH -W1 (FT)	WIDTH -W2 (FT)	RIPRAP D50 (IN.)	RIPRAP THICKNESS (IN.)
12	8	3	9	6	14
15	10	4	12	6	14
18	13	5	15	7	16
24	18	6	20	8	18
36	29	9	32	11	25
42	33	11	37	12	27
48	39	12	43	16	36

RIPRAP APRON
NOT TO SCALE



PLAN VIEW

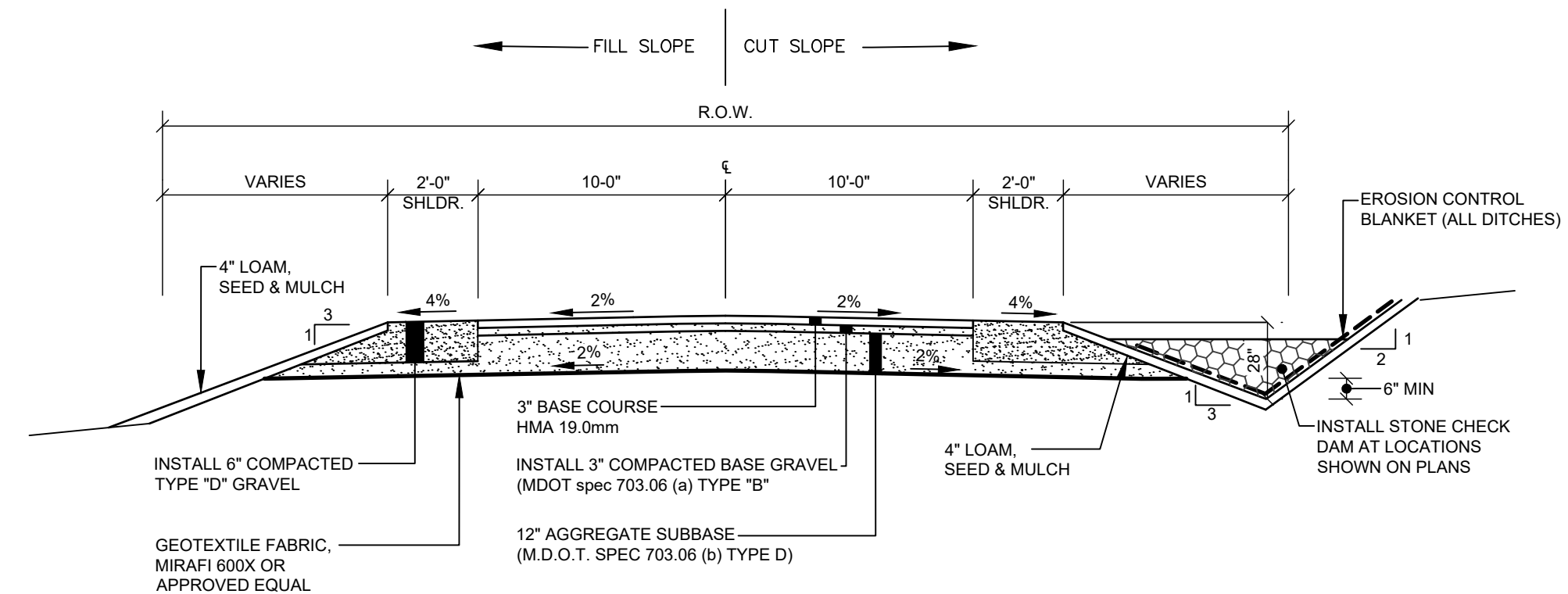


SECTION A-A

SECTION B-B

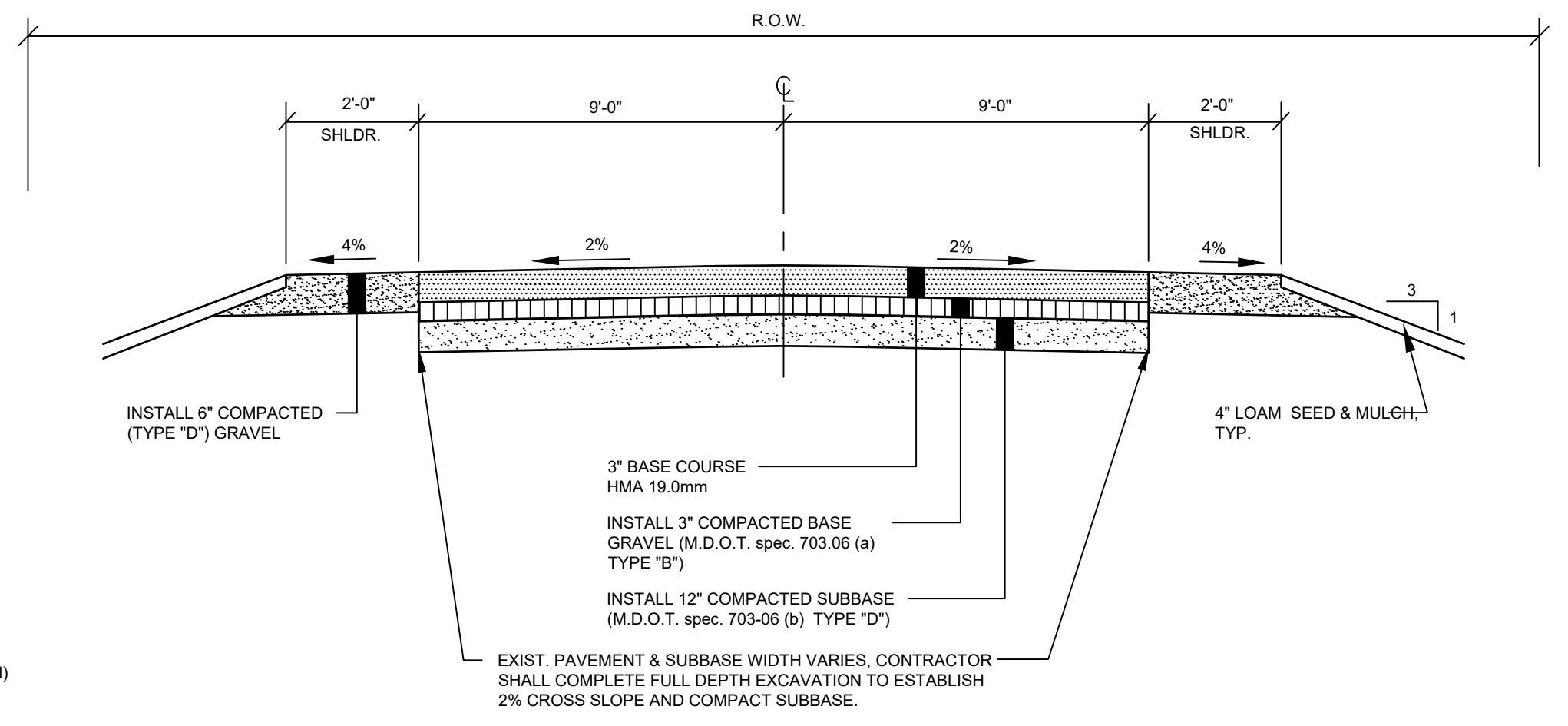
- NOTES:
- FRAME SHALL BE FOR 24" SQUARE GRATE- LEBARON TYPE "F" SQUARE FRAME (LF 245) 4 FLANGE EAST JORDAN M5520 OR APPROVED EQUAL.
 - ENTIRE CATCH BASIN WITH EXCEPTION OF LEVELING BRICK FRAME AND GRATE TO BE PRECAST AS SINGLE PORTLAND CEMENT CONCRETE UNIT.

TYPE "F" CATCH BASIN
NOT TO SCALE



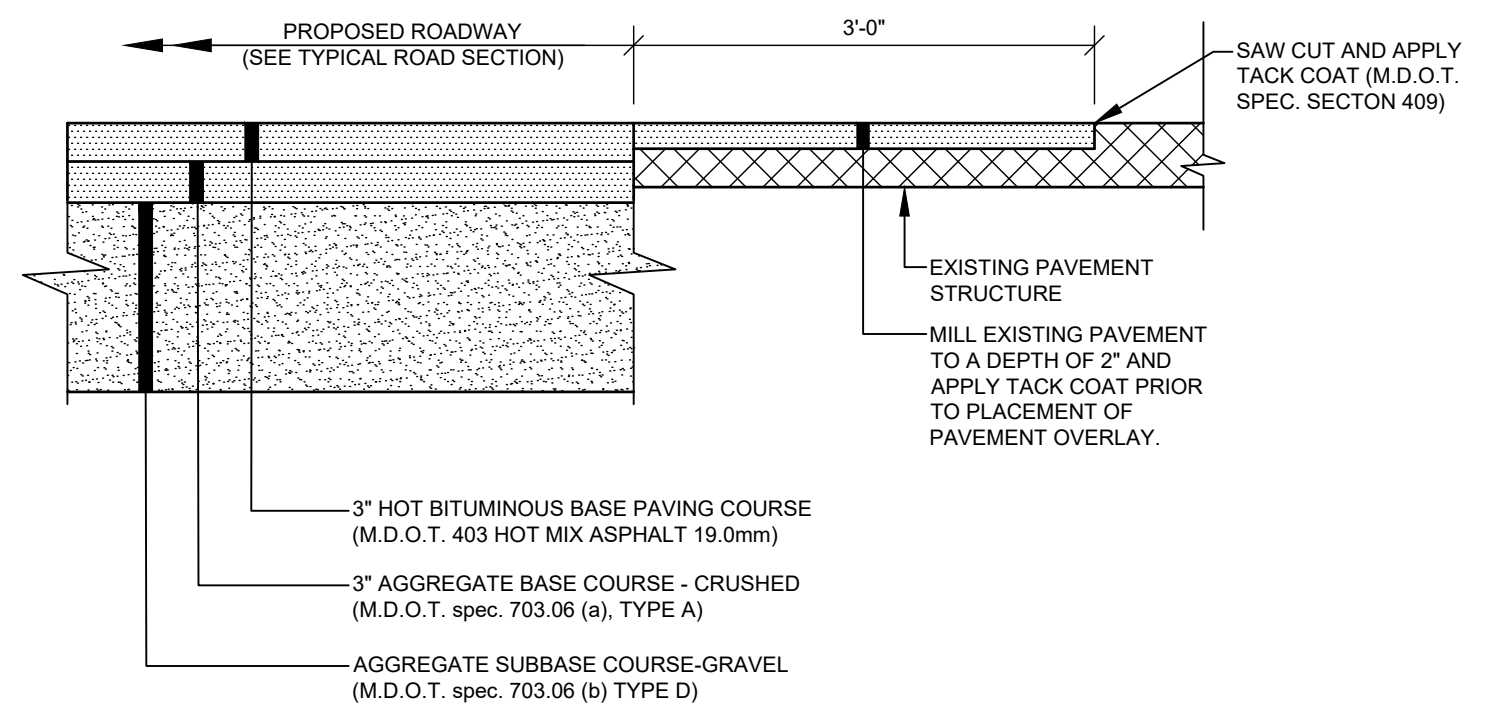
TYPICAL FULL DEPTH RECONSTRUCTION ROAD SECTION
NOT TO SCALE

- NOTES:
- CONSTRUCT DITCHES WHERE INDICATED ON PLANS.
 - UPON COMPLETION OF BASE PAVING, BRING SHOULDER GRADE UP TO PAVEMENT ELEVATION.
 - CONSTRUCT DITCHES WHERE INDICATED ON PLANS.

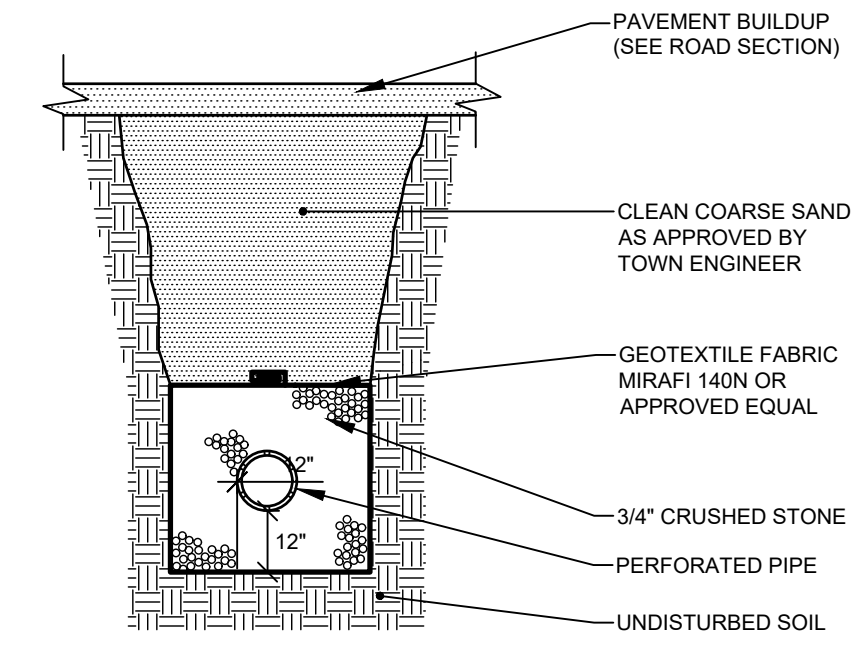


- NOTES:
- RECLAIM FULL DEPTH OF (8") EXISTING PAVEMENT STRUCTURE. GRADE TO PROVIDE 2% CROSS SLOPE AND COMPACT TO 95% MAX. DRY DENSITY.
 - COMPACT ROADWAY AND SHOULDERS A MINIMUM OF 96% OF THE MAXIMUM DRY DENSITY USING HEAVY COMPACTATION EQUIPMENT. EMBANKMENT AREAS SHALL BE COMPACTED TO 90% OF MAXIMUM DRY DENSITY.
 - UPON COMPLETION OF BASE PAVING, BRING SHOULDER GRADE UP TO PAVEMENT ELEVATION.

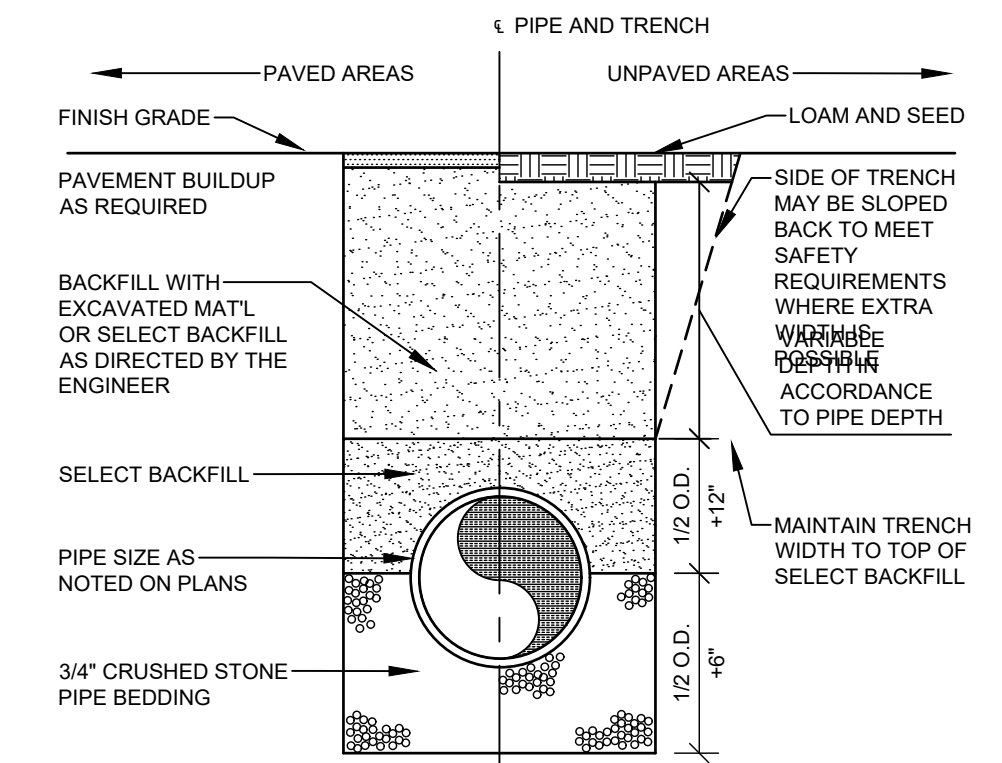
TYPICAL ROADWAY - FULL DEPTH RECLAMATION SECTION
NOT TO SCALE



PAVEMENT JOINT
NOT TO SCALE



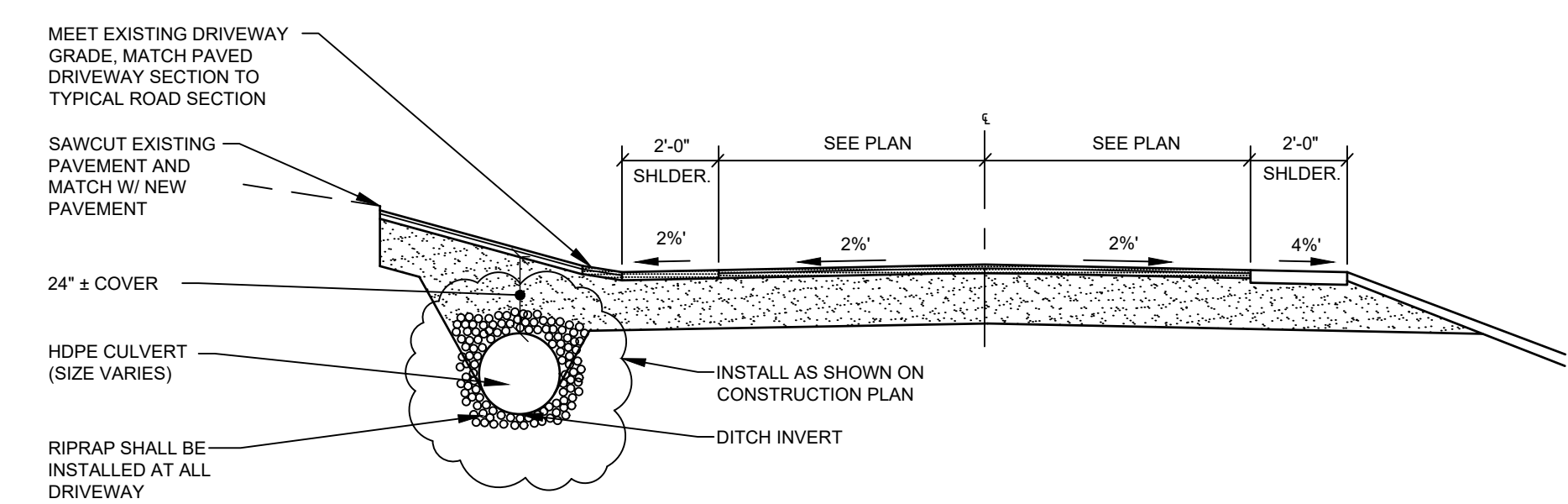
PERFORATED UNDERDRAIN TRENCH SECTION
NOT TO SCALE



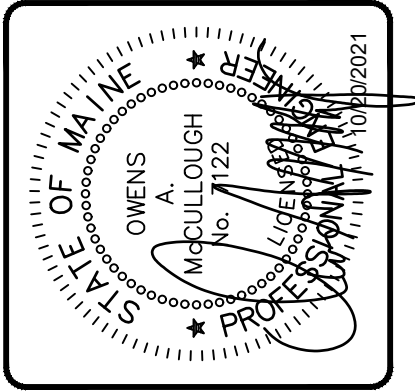
PIPE TYPE	PIPE BEDDING MATERIAL	SELECT BACKFILL
CORRUGATED METAL DUCTILE IRON REINFORCED CONCRETE	MDOT 703.22 TYPE B UD BACKFILL	MDOT 703.22 TYPE B UD BACKFILL
PVC-SDR 35 HDPE	MDOT 703.22 TYPE C 3/4" CRUSHED STONE	MDOT 703.22 TYPE B UD BACKFILL
PERFORATED PVC-SDR 35 HDPE	MDOT 703.22 TYPE C 3/4" CRUSHED STONE	MDOT 703.22 TYPE C 3/4" CRUSHED STONE

TRENCH SECTION
NOT TO SCALE

NOTE:
ALL BRACING AND SHEETING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL MEET ALL STATE AND O.S.H.A. SAFETY STANDARDS.



TYPICAL DRIVEWAY APRON SECTION
NOT TO SCALE



REV.	BY	DATE	ISSUED FOR CONSTRUCTION	STATUS
A	RED	10/20/2021		

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Sullivan, ME 04106
South Portland, ME 04106
Tel. 207-260-2100
WWW.SEBAGOTECHNICS.COM

DETAILS OF
SPEC POND & OLD MEETING HOUSE ROAD MAINTENANCE IMPROVEMENTS
FOR THE
TOWN OF PORTER
71 MAIN STREET
PORTER, ME 04868

DESIGNED	RED
DRAWN	DAB
CHECKED	OAM
DATE	09/01/2021
SCALE	NTS
PROJECT	19407