

PERMITTING DRAWINGS

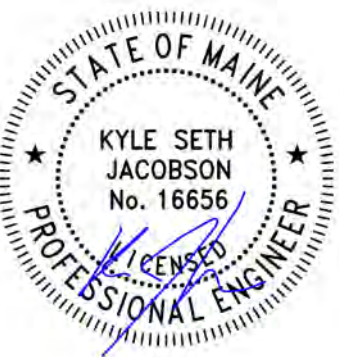
FOR

PENLEY CORNER ROAD PIT

PENLEY CORNER ROAD

AUBURN, MAINE

APRIL 2022



REV.	DATE	REVISION DESCRIPTION

DESIGNED BY: KSJ

DRAWN BY: KSJ

CHECKED BY: PJC

DATE: 4/8/2022

FILE NAME: 3746-0003 COV01.dwg

PROJECT NAME:

PENLEY CORNER ROAD PIT

MAP 113, LOT 15

PENLEY CORNER ROAD

AUBURN, MAINE

CLIENT:

RJF MORIN BRICK, LLC

130 MORIN BRICK ROAD

AUBURN, MAINE

SHEET TITLE:

COVER

SHEET

SHEET NO:

C-001

PROFESSIONAL CONTACTS:

APPLICANT :

RFJ MORIN BRICK, LLC

130 MORIN BRICK ROAD

AUBURN, MAINE, 04210

(207)784-9375

CONTACT: LOUISE WILKINSON

ENGINEERING & DESIGN:

ST.GERMAIN

846 MAIN STREET

WESTBROOK, ME 04092

(207) 591-7000

CONTACT: KYLE JACOBSON, PE#16656

SURVEYOR:

SURVEY, INC

PO BOX 210

936 ROOSEVELT TRAIL, UNIT 5

WINDHAM, ME 04062

(207) 892-2556

CONTACT: WILLIAM SHIPPEN, PLS#2118

WETLAND SCIENTIST:

MAINELY SOILS, LLC

17 LEONOV LANE

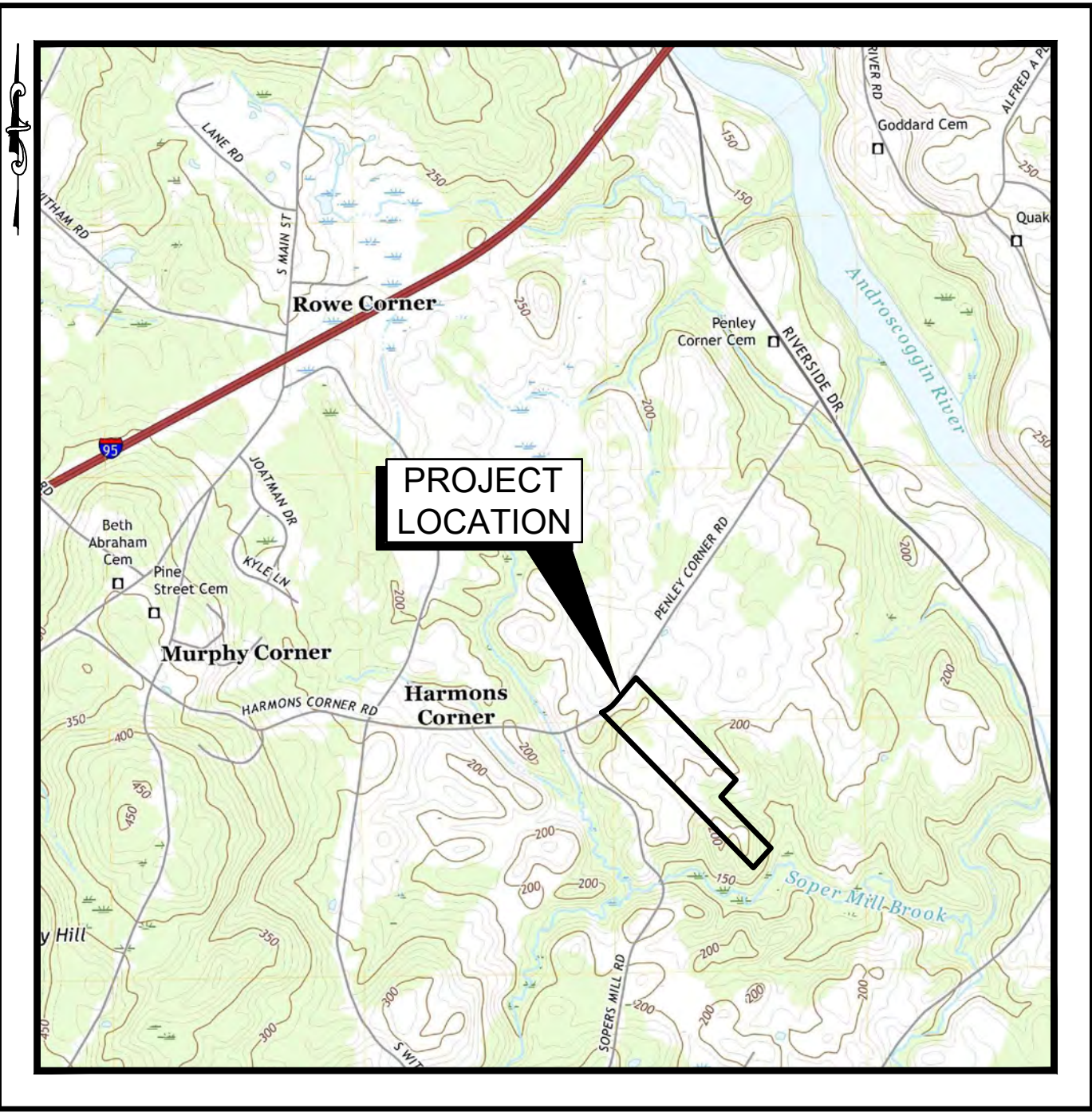
RICHMOND, ME 04357

(207) 650-4313

CONTACT: ALEXANDER FINAMORE, LSE#391, CWS

DRAWING LIST:

- |       |   |
|-------|---|
| C-001 | COVER SHEET                                     |
| --    | BOUNDARY SURVEY                                 |
| C-101 | TOPOGRAPHIC SITE PLAN                           |
| C-102 | ACCESS ROAD PLAN                                |
| C-201 | PHASED CONSTRUCTION PLAN                        |
| C-301 | RECLAMATION PLAN                                |
| C-501 | EROSION & SEDIMENTATION CONTROL NOTES & DETAILS |
| C-502 | DETAILS   |



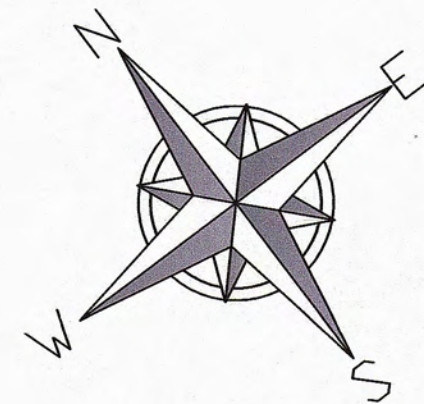
SITE LOCATION MAP

SCALE: 1" = 2,000'±

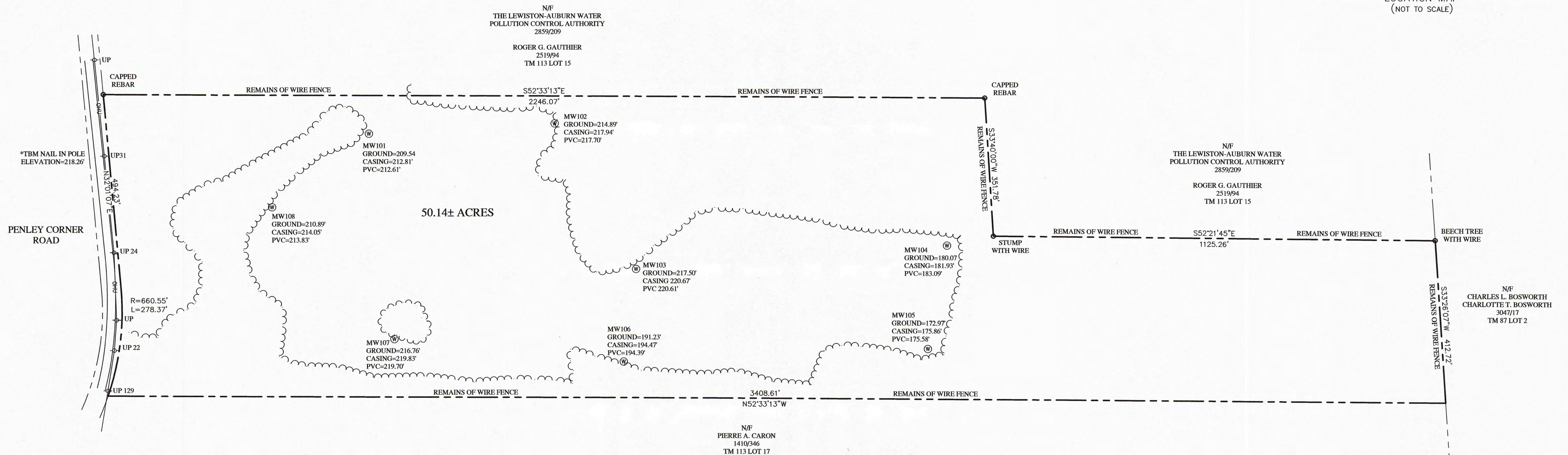
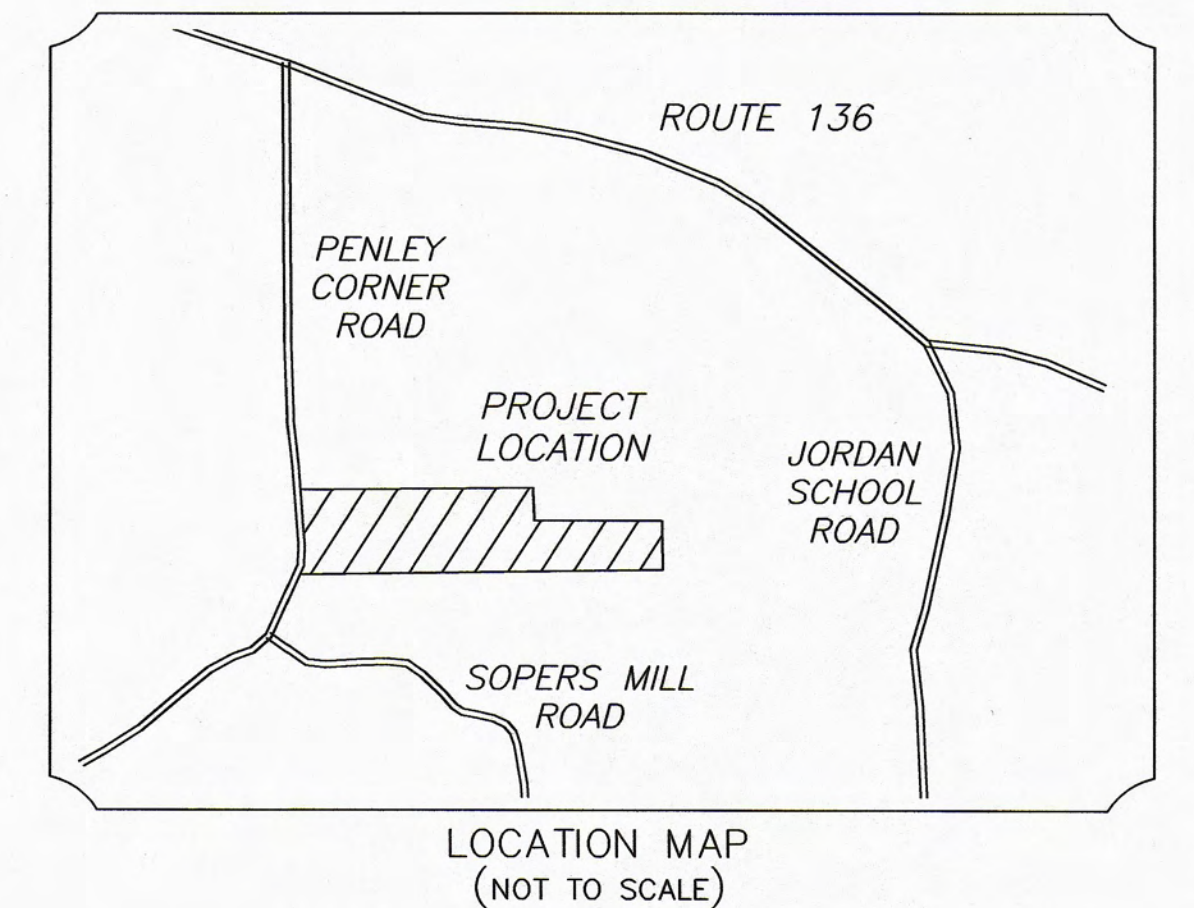
SOURCE: USGS, LEWISTON, MAINE, QUADRANGLE, DATED 2021







GRID NORTH  
MAINE STATE PLANE  
NAD 83, 1802 - MAINE WEST



#### PLAN REFERENCES:

(1) STANDARD BOUNDARY SURVEY GAUTHIER FARM PENLEY CORNER ROAD AUBURN, MAINE ANDROSCOGGIN COUNTY PREPARED FOR LEWISTON AUBURN WATER POLLUTION CONTROL AUTHORITY DATED NOVEMBER 12, 1991 BY TECHNICAL SERVICES, INC.

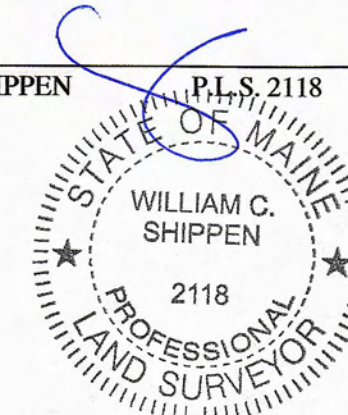
#### SURVEY NOTES:

- (1) THE OWNERS OF RECORD ARE JOSEPH CHOLEWA, STEPHEN W. CHOLEWA, AMANDA BETH AREND, JUSTIN NICHOLAS CHOLEWA, STEFANIE RENEE CHOLEWA-ARCHIBUQUE AND JONATHAN MICHAEL CHOLEWA AS DESCRIBED IN A DEED RECORDED IN BOOK 9914 PAGE 156 IN THE ANDROSCOGGIN COUNTY REGISTRY OF DEEDS.
- (2) THE PARCEL IS DEPICTED AS LOT 15 ON THE CITY OF AUBURN ASSESSORS MAP 113.
- (3) NORTH REFERENCE: MAINE STATE PLANE 1802 WEST ZONE
- (4) VERTICAL DATUM- NAVD 88.
- (5) REFERENCE IS MADE TO A RIGHT OF WAY RESERVED IN BOOK 20 PAGE 77 OF UNKNOWN WIDTH AND LOCATION.

#### CERTIFICATION:

I CERTIFY THAT THIS SURVEY CONFORMS TO THE STANDARDS OF THE MAINE BOARD OF LICENSURE FOR PROFESSIONAL LAND SURVEYORS AND IS CORRECT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

WILLIAM C. SHIPPEN



## BOUNDARY SURVEY

PENLEY CORNER ROAD  
AUBURN, MAINE

FOR:

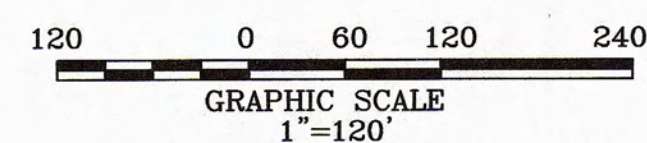
**ST. GERMAIN**  
846 MAIN STREET  
WESTBROOK, MAINE 04092  
(CLIENT)

SURVEY BY:

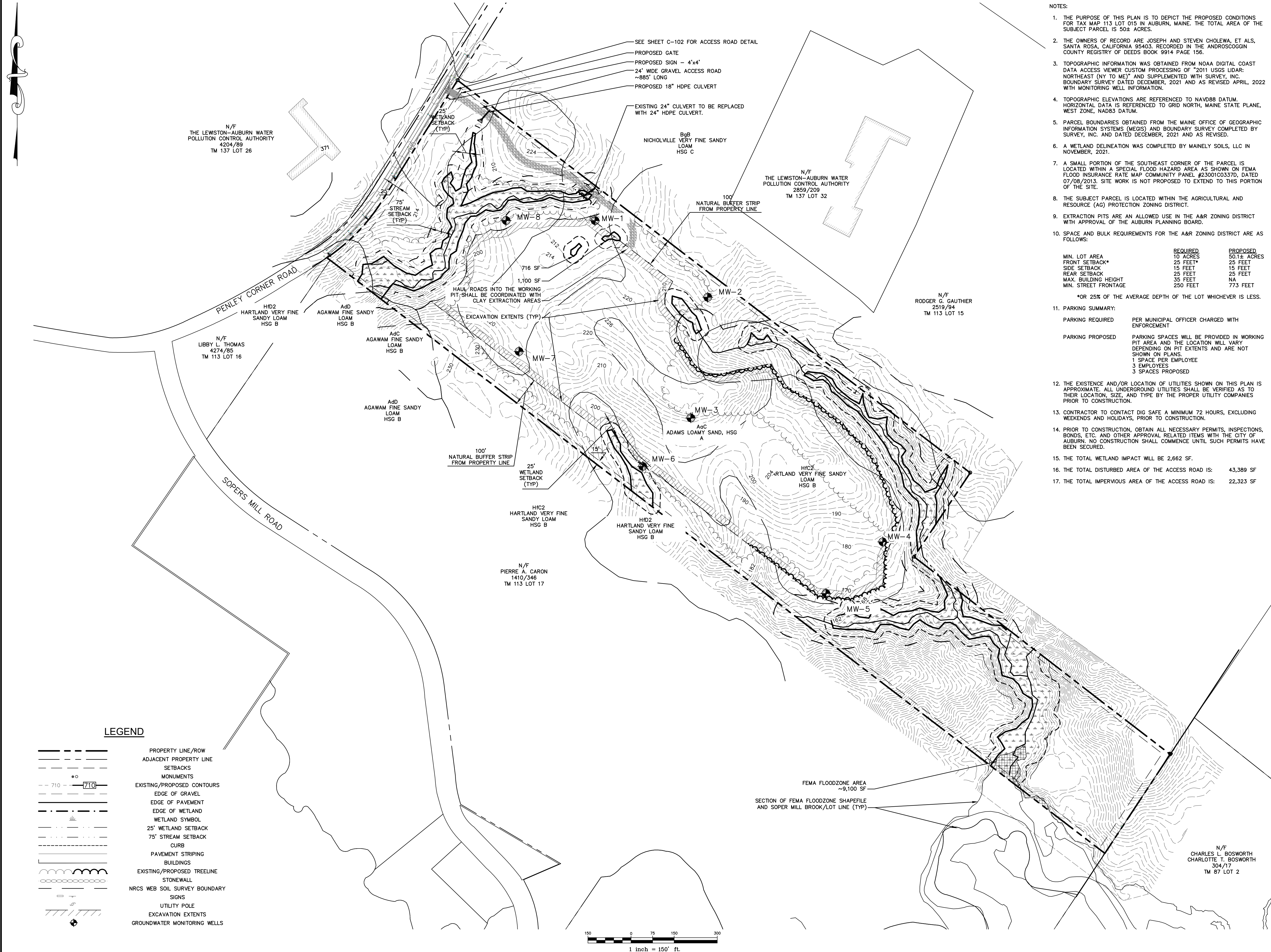
**SURVEY, INC.**  
P.O. BOX 210  
WINDHAM, ME 04062  
(207) 892-2556  
INFO@SURVEYINCORPORATED.COM

DWN: WCS  
DATE: DECEMBER 2021  
REV: APRIL 2022 MONITORING WELLS

CHK: DRR  
JOB NO. 21-308







- NOTES:
1. THE PURPOSE OF THIS PLAN IS TO DEPICT THE PROPOSED CONDITIONS FOR TAX MAP 113 LOT 015 IN AUBURN, MAINE. THE TOTAL AREA OF THE SUBJECT PARCEL IS 50± ACRES.
  2. THE OWNERS OF RECORD ARE JOSEPH AND STEVEN CHOLEWA, ET ALS, SANTA ROSA, CALIFORNIA 95403. RECORDED IN THE ANDROSCOGGIN COUNTY REGISTRY OF DEEDS BOOK 9914 PAGE 156.
  3. TOPOGRAPHIC INFORMATION WAS OBTAINED FROM NOAA DIGITAL COAST DATA ACCESS VIEWER CUSTOM PROCESSING OF "2011 USGS LIDAR: NORTHEAST (NY TO ME)" AND SUPPLEMENTED WITH SURVEY, INC. BOUNDARY SURVEY DATED DECEMBER, 2021 AND AS REVISED APRIL, 2022 WITH MONITORING WELL INFORMATION.
  4. TOPOGRAPHIC ELEVATIONS ARE REFERENCED TO NAVD88 DATUM. HORIZONTAL DATA IS REFERENCED TO GRID NORTH, MAINE STATE PLANE, WEST ZONE, NAD83 DATUM.
  5. PARCEL BOUNDARIES OBTAINED FROM THE MAINE OFFICE OF GEOGRAPHIC INFORMATION SYSTEMS (MEGIS) AND BOUNDARY SURVEY COMPLETED BY SURVEY, INC. AND DATED DECEMBER, 2021 AND AS REVISED.
  6. A WETLAND DELINEATION WAS COMPLETED BY MAINELY SOILS, LLC IN NOVEMBER, 2021.
  7. A SMALL PORTION OF THE SOUTHEAST CORNER OF THE PARCEL IS LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA AS SHOWN ON FEMA FLOOD INSURANCE RATE MAP COMMUNITY PANEL #23001003370, DATED 07/08/2013. SITE WORK IS NOT PROPOSED TO EXTEND TO THIS PORTION OF THE SITE.
  8. THE SUBJECT PARCEL IS LOCATED WITHIN THE AGRICULTURAL AND RESOURCE (AG) PROTECTION ZONING DISTRICT.
  9. EXTRACTION PITS ARE AN ALLOWED USE IN THE A&R ZONING DISTRICT WITH APPROVAL OF THE AUBURN PLANNING BOARD.
  10. SPACE AND BULK REQUIREMENTS FOR THE A&R ZONING DISTRICT ARE AS FOLLOWS:

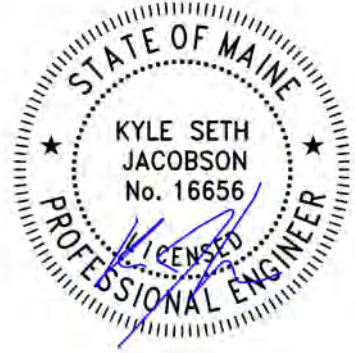
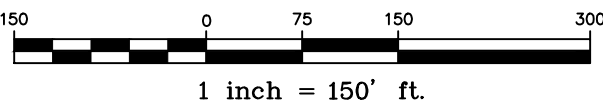
	REQUIRED	PROPOSED
MIN. LOT AREA	10 ACRES	50.1± ACRES
FRONT SETBACK*	25 FEET	25 FEET
SIDE SETBACK	15 FEET	15 FEET
REAR SETBACK	25 FEET	25 FEET
MAX. BUILDING HEIGHT	35 FEET	NA
MIN. STREET FRONTAGE	250 FEET	773 FEET

\*OR 25% OF THE AVERAGE DEPTH OF THE LOT WHICHEVER IS LESS.
  11. PARKING SUMMARY:

PARKING REQUIRED	PER MUNICIPAL OFFICER CHARGED WITH ENFORCEMENT
PARKING PROPOSED	PARKING SPACES WILL BE PROVIDED IN WORKING PIT AREA AND THE LOCATION WILL VARY DEPENDING ON PIT EXTENTS AND ARE NOT SHOWN ON PLANS. 1 SPACE PER EMPLOYEE 3 EMPLOYEES 3 SPACES PROPOSED
  12. THE EXISTENCE AND/OR LOCATION OF UTILITIES SHOWN ON THIS PLAN IS APPROXIMATE. ALL UNDERGROUND UTILITIES SHALL BE VERIFIED AS TO THEIR LOCATION, SIZE, AND TYPE BY THE PROPER UTILITY COMPANIES PRIOR TO CONSTRUCTION.
  13. CONTRACTOR TO CONTACT DIG SAFE A MINIMUM 72 HOURS, EXCLUDING WEEKENDS AND HOLIDAYS, PRIOR TO CONSTRUCTION.
  14. PRIOR TO CONSTRUCTION, OBTAIN ALL NECESSARY PERMITS, INSPECTIONS, BONDS, ETC. AND OTHER APPROVAL RELATED ITEMS WITH THE CITY OF AUBURN. NO CONSTRUCTION SHALL COMMENCE UNTIL SUCH PERMITS HAVE BEEN SECURED.
  15. THE TOTAL WETLAND IMPACT WILL BE 2,662 SF.
  16. THE TOTAL DISTURBED AREA OF THE ACCESS ROAD IS: 43,389 SF
  17. THE TOTAL IMPERVIOUS AREA OF THE ACCESS ROAD IS: 22,323 SF

LEGEND

- PROPERTY LINE/ROW
- ADJACENT PROPERTY LINE
- SETBACKS
- MONUMENTS
- EXISTING/PROPOSED CONTOURS
- EDGE OF GRAVEL
- EDGE OF PAVEMENT
- EDGE OF WETLAND
- WETLAND SYMBOL
- 25' WETLAND SETBACK
- 75' STREAM SETBACK
- CURB
- PAVEMENT STRIPING
- BUILDINGS
- EXISTING/PROPOSED TREELINE
- STONEWALL
- NRCS WEB SOIL SURVEY BOUNDARY
- SIGNS
- UTILITY POLE
- EXCAVATION EXTENTS
- GROUNDWATER MONITORING WELLS



REV.	DATE	REVISION DESCRIPTION

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CHECKED BY: PJC  
DATE: 4/8/2022  
FILE NAME: 3746-0003 STP02.dwg

PROJECT NAME:

PENLEY CORNER ROAD PIT  
MAP 113, LOT 15  
PENLEY CORNER ROAD  
AUBURN, MAINE

CLIENT:

RJF MORIN BRICK, LLC  
130 MORIN BRICK ROAD  
AUBURN, MAINE

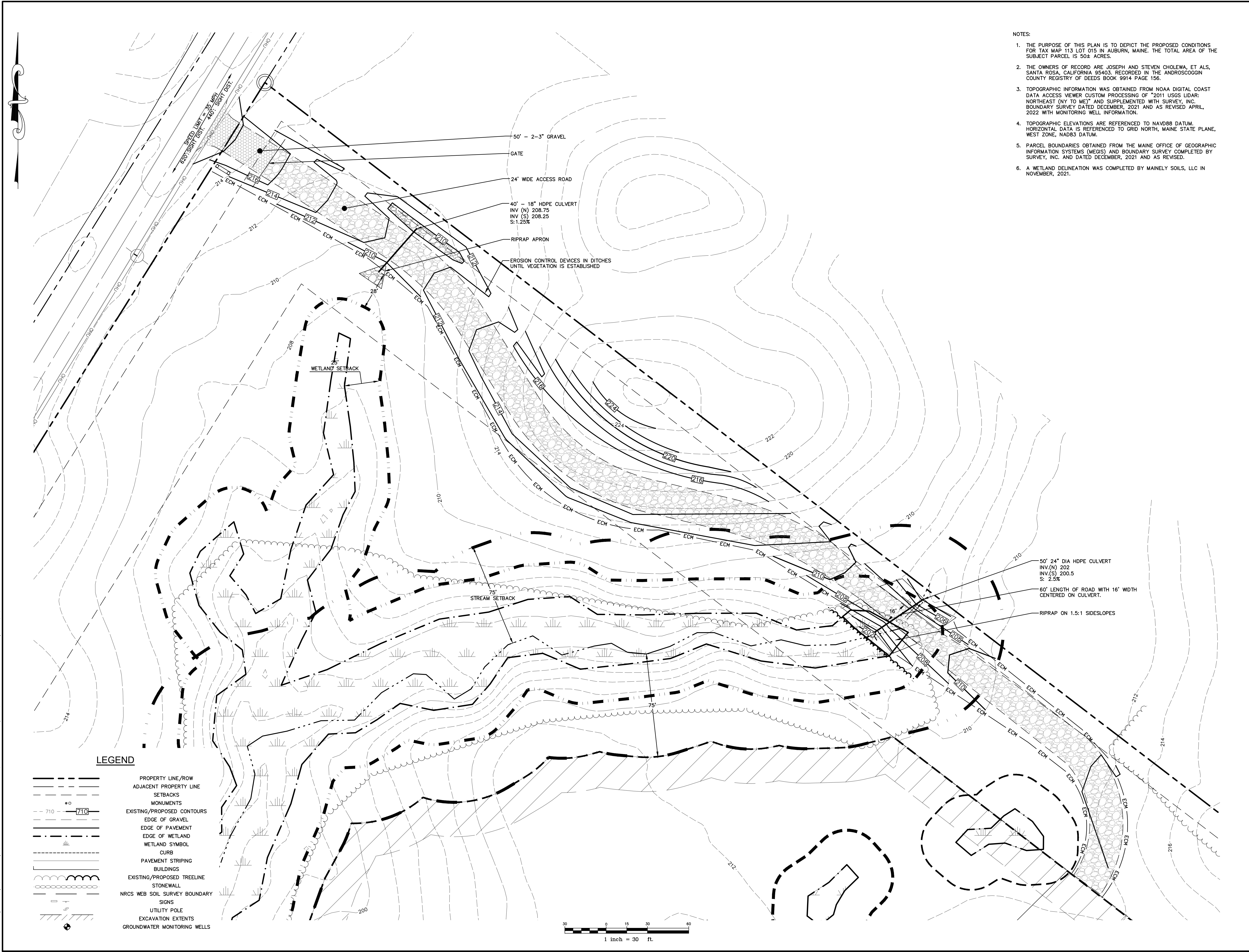
SHEET TITLE:

TOPOGRAPHIC  
SITE PLAN

SHEET NO:



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- NOTES:
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  6. A WETLAND DELINEATION WAS COMPLETED BY MAINELY SOILS, LLC IN NOVEMBER, 2021.



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PENLEY CORNER ROAD PIT  
MAP 113, LOT 15  
PENLEY CORNER ROAD  
AUBURN, MAINE

CLIENT:  
  
RJF MORIN BRICK, LLC  
130 MORIN BRICK ROAD  
AUBURN, MAINE

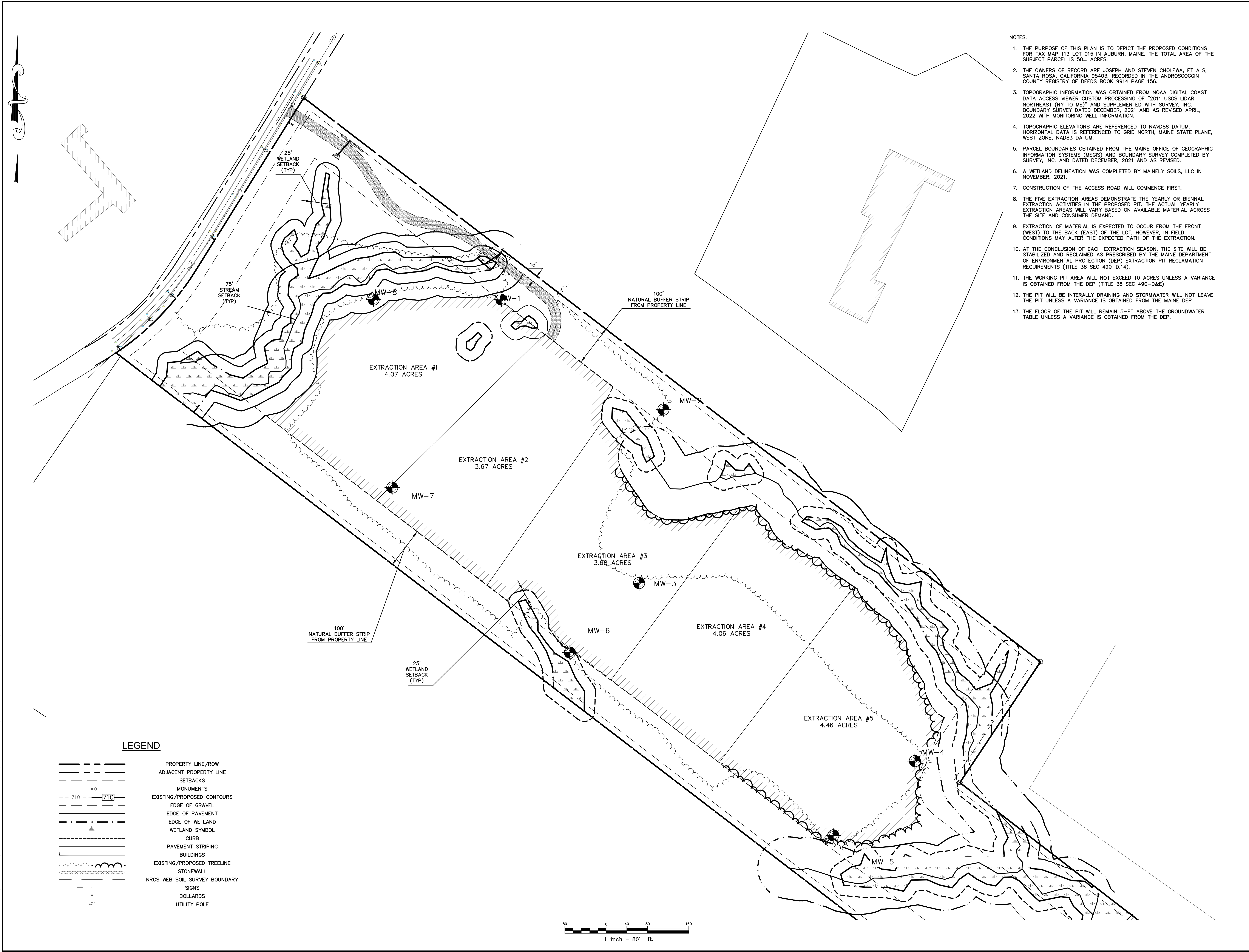
SHEET TITLE:

## ACCESS ROAD PLAN

SHEET NO:  
  
C-102



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LEGEND

- PROPERTY LINE/ROW
- ADJACENT PROPERTY LINE
- SETBACKS
- MONUMENTS
- EXISTING/PROPOSED CONTOURS
- EDGE OF GRAVEL
- EDGE OF PAVEMENT
- EDGE OF WETLAND
- WETLAND SYMBOL
- CURB
- PAVEMENT STRIPING
- BUILDINGS
- EXISTING/PROPOSED TREELINE
- STONEWALL
- NRCS WEB SOIL SURVEY BOUNDARY
- SIGNS
- BOLLARDS
- UTILITY POLE

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  6. A WETLAND DELINEATION WAS COMPLETED BY MAINELY SOILS, LLC IN NOVEMBER, 2021.
  7. CONSTRUCTION OF THE ACCESS ROAD WILL COMMENCE FIRST.
  8. THE FIVE EXTRACTION AREAS DEMONSTRATE THE YEARLY OR BIENNIAL EXTRACTION ACTIVITIES IN THE PROPOSED PIT. THE ACTUAL YEARLY EXTRACTION AREAS WILL VARY BASED ON AVAILABLE MATERIAL ACROSS THE SITE AND CONSUMER DEMAND.
  9. EXTRACTION OF MATERIAL IS EXPECTED TO OCCUR FROM THE FRONT (WEST) TO THE BACK (EAST) OF THE LOT, HOWEVER, IN FIELD CONDITIONS MAY ALTER THE EXPECTED PATH OF THE EXTRACTION.
  10. AT THE CONCLUSION OF EACH EXTRACTION SEASON, THE SITE WILL BE STABILIZED AND RECLAIMED AS PRESCRIBED BY THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) EXTRACTION PIT RECLAMATION REQUIREMENTS (TITLE 38 SEC 490-D.14).
  11. THE WORKING PIT AREA WILL NOT EXCEED 10 ACRES UNLESS A VARIANCE IS OBTAINED FROM THE DEP (TITLE 38 SEC 490-D&E)
  12. THE PIT WILL BE INTERNALLY DRAINING AND STORMWATER WILL NOT LEAVE THE PIT UNLESS A VARIANCE IS OBTAINED FROM THE MAINE DEP
  13. THE FLOOR OF THE PIT WILL REMAIN 5-FT ABOVE THE GROUNDWATER TABLE UNLESS A VARIANCE IS OBTAINED FROM THE DEP.



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AUBURN, MAINE

CLIENT:

RJF MORIN BRICK, LLC  
130 MORIN BRICK ROAD  
AUBURN, MAINE

SHEET TITLE:

PHASED  
CONSTRUCTION  
PLAN

SHEET NO:

C-201



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REV.	DATE	REVISION DESCRIPTION

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PENLEY CORNER ROAD PIT  
MAP 113, LOT 15  
PENLEY CORNER ROAD  
AUBURN, MAINE

CLIENT:

RJF MORIN BRICK, LLC  
130 MORIN BRICK ROAD  
AUBURN, MAINE

SHEET TITLE:

## RECLAMATION PLAN

SHEET NO:

C-301



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## EROSION AND SEDIMENTATION CONTROL NOTES

TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES INCLUDE THE USE OF SEDIMENT BARRIER, EROSION CHECK DAMS, HAY BALE BARRIERS, CATCH BASIN INLET BARRIERS, CATCH BASIN SEDIMENT COLLECTION BAGS, EROSION CONTROL BLANKET, AND TEMPORARY SEEDING AND MULCHING AS REQUIRED. PERMANENT DEVICES INCLUDE THE USE OF RIPRAP AT EXPOSED STORM DRAIN AND CULVERT INLETS AND OUTLETS, RIPRAP SLOPES, AND PERMANENT VEGETATION.

### A. GENERAL

- IT IS ANTICIPATED THAT CONSTRUCTION WILL BEGIN IN THE **SUMMER OF 2022** FOLLOWING RECEIPT OF NECESSARY PERMITS.
- THE PROJECT SHALL CONFORM TO THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) PERFORMANCE STANDARDS FOR EXCAVATIONS FOR CLAY, TOPSOIL, OR SILT IN ACCORDANCE WITH STATE EROSION CONTROL LAW 38 MRSA 420-C.
- ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MAINE EROSION AND SEDIMENT CONTROL HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT PRACTICES (BMP) PUBLISHED BY THE DEP, LATEST REVISION.
- ANY CONSTRUCTION EROSION AND SEDIMENTATION CONTROL DEEMED NECESSARY BY THE OWNER'S REPRESENTATIVE, DEP PERSONNEL, AND/OR MUNICIPAL OFFICIALS SHALL BE INSTALLED.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL FINES RESULTING DURING CONSTRUCTION FROM EROSION OR SEDIMENTATION FROM THE SITE OR SURROUNDING PROPERTIES, WATER BODIES, OR WETLANDS AS A RESULT OF THIS PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR/REPLACEMENT/MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL ALL DISTURBED AREAS ARE STABILIZED TO THE SATISFACTION OF THE ABOVE PERSONNEL. DESCRIPTIONS OF ACCEPTABLE PERMANENT STABILIZATION FOR VARIOUS COVER TYPES FOLLOWS:
  - FOR SEEDED AREAS, PERMANENT STABILIZATION MEANS 90% COVERAGE OF THE DISTURBED AREA WITH MATURE, HEALTHY PLANTS WITH NO EVIDENCE OF WASHING OR RILLING OF THE TOPSOIL.
  - FOR SODDED AREAS, PERMANENT STABILIZATION MEANS THE COMPLETE BINDING OF THE SOD ROOTS INTO THE UNDERLYING SOIL WITH NO SLUMPING OF THE SOD OR DIE-OFF.
  - FOR MULCHED AREAS, PERMANENT MULCHING MEANS TOTAL COVERAGE OF THE EXPOSED AREA WITH MULCH. EROSION CONTROL MIX MAY BE USED AS MULCH FOR PERMANENT STABILIZATION ACCORDING TO THE BMP APPLICATION RATES AND LIMITATIONS.
  - FOR AREAS STABILIZED WITH RIPRAP, PERMANENT STABILIZATION MEANS THAT SLOPES STABILIZED WITH RIPRAP HAVE AN APPROPRIATE BACKING OF A WELL-GRADED GRAVEL OR GEOTEXTILE TO PREVENT SOIL MOVEMENT FROM BEHIND THE RIPRAP. STONE MUST BE SIZED APPROPRIATELY.
  - FOR PAVED AREAS, PERMANENT STABILIZATION MEANS THE PLACEMENT OF THE COMPACTED GRAVEL SUBBASE IS COMPLETED.
  - FOR OPEN CHANNELS, PERMANENT STABILIZATION MEANS THE CHANNEL IS STABILIZED WITH MATURE VEGETATION AT LEAST 3" IN HEIGHT, WITH WELL-GRADED RIPRAP, OR WITH ANOTHER NON-EROSIVE LINING CAPABLE OF WITHSTANDING THE ANTICIPATED FLOW VELOCITIES AND FLOW DEPTHS WITHOUT RELIANCE ON CHECK DAMS TO SLOW FLOW. THERE MUST BE NO EVIDENCE OF SLUMPING OF THE LINING, UNDERCUTTING OF THE BANKS, OR DOWN CUTTING OF THE CHANNEL.

### B. EROSION AND SEDIMENTATION CONTROL MEASURES

- REMOVAL OF SOD, TREES, BUSHES, AND OTHER VEGETATION AND SOIL DISTURBANCE WILL BE KEPT TO A MINIMUM WHILE ALLOWING PROPER SITE DEVELOPMENT.
- GRUBBINGS AND ANY UNUSABLE TOPSOIL SHALL BE STRIPPED AND REMOVED FROM THE PROJECT SITE AND DISPOSED OF IN AN APPROVED MANNER.
- ANY SUITABLE TOPSOIL WILL BE STRIPPED AND STOCKPILED FOR REUSE IN FINAL GRADING. TOPSOIL WILL BE STOCKPILED IN A MANNER SUCH THAT NATURAL DRAINAGE IS NOT OBSTRUCTED AND NO OFFSITE SEDIMENT DAMAGE WILL RESULT. IF A STOCKPILE IS NECESSARY, THE SIDE WITH AN EROSION CONTROL COVER, DURING WINTER CONSTRUCTION, A DOUBLE ROW OF SEDIMENT BARRIERS (FOR EXAMPLE, SILT FENCE BACKED WITH HAY BALES OR EROSION CONTROL MIX) WILL BE PLACED BETWEEN ANY REGULATED NATURAL RESOURCE AND THE DISTURBED AREA. PROJECTS CROSSING THE REGULATED NATURAL RESOURCE SHALL BE PROTECTED AT A MINIMUM THICKNESS OF 4". MULCH SHALL NOT BE SPREAD ON TOP OF SNOW OR FROST PRIOR TO ANY GRADING OR FILLING. AFTER EACH DAY OF FINAL GRADING, THE AREA WILL BE PROPERLY STABILIZED WITH ANCHORED HAY OR STRAW OR EROSION CONTROL MATTING. AN AREA SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHENEVER HAY OR STRAW MULCHING HAS BEEN EITHER MULCHED OR ADEQUATELY ANCHORED SO THAT GROUND SURFACE IS NOT VISIBLE THROUGH THE MULCH, BETWEEN THE DATES OF NOVEMBER 1 AND APRIL 15, ALL MULCH SHALL BE ANCHORED BY EITHER MULCH NETTING, ASPHALT EMULSION CHEMICAL, TRACKING, OR WOOD CELLULOSE FIBER. THE COVER WILL BE CONSIDERED SUFFICIENT WHEN THE GROUND SURFACE IS NOT VISIBLE THROUGH THE MULCH. AFTER NOVEMBER 1ST, MULCH AND ANCHORING OF ALL EXPOSED SOIL SHALL OCCUR AT THE END OF EACH FINAL GRADING WORKDAY.
- SOIL STOCKPILING: STOCKPILES OF SOIL OR SUBSOIL WILL BE MULCHED FOR OVER WINTER PROTECTION WITH HAY OR STRAW AT TWICE THE NORMAL RATE OR WITH A 4" LAYER OF EROSION CONTROL MIX. THIS WILL BE DONE WITHIN 24 HOURS OF STACKING AND RE-ESTABLISHED PRIOR TO ANY RAINFALL OR SNOWFALL. ANY SOIL STOCKPILE WILL NOT BE PLACED WITHIN 100 FEET FROM ANY REGULATED NATURAL RESOURCE.
- SEEDING: BETWEEN THE DATES OF OCTOBER 15 AND APRIL 1, LOAM OR SEED WILL NOT BE REQUIRED, DURING PERIODS OF ABOVE FREEZING TEMPERATURES FINISHED AREAS SHALL BE FINE GRADED AND EITHER PROTECTED MULCH OR TEMPORARILY SEEDED AND MULCHED UNTIL SUCH TIME AS THE FINAL TREATMENT CAN BE APPLIED. IF THE DATE IS AFTER NOVEMBER 1 AND IF THE EXPOSED AREA HAS BEEN LOAMED AND FINAL GRADED WITH A UNIFORM SURFACE, THEN THE AREA MAY BE DORMANT SEEDED AT A RATE 3 TIMES HIGHER THAN SPECIFIED FOR PERMANENT SEED AND MULCHED. IF DORMANT SEEDED IS USED, ALL DISTURBED AREAS SHALL RECEIVE 4" OF LOAM AND SEED AT AN APPLICATION RATE OF 5 LBS PER 1,000 SF. ALL AREAS INSUFFICIENTLY VEGETATED (LESS THAN 75%) IN THE SPRING SHALL BE REVEGETATED.
- OVER-WINTER STABILIZATION OF DISTURBED SLOPES: ALL STONE-COVERED SLOPES MUST BE CONSTRUCTED AND STABILIZED BY NOVEMBER 15. ALL SLOPES TO BE VEGETATED MUST BE SEEDED AND MULCHED BY SEPTEMBER 1. ALL AREAS HAVING A GRADE STEEPER THAN 8% SHALL BE CONSIDERED A SLOPE. IF A SLOPE TO BE VEGETATED IS NOT STABILIZED BY SEPTEMBER 1, THEN THE SLOPE SHALL EITHER BE STABILIZED WITH TEMPORARY VEGETATION AND EROSION CONTROL MATS BY OCTOBER 1, SOD BY OCTOBER 1, EROSION CONTROL MIX BY NOVEMBER 1, OR STONE RIPRAP BY NOVEMBER 15. SEE APPLICABLE SECTIONS UNDER EROSION AND SEDIMENTATION CONTROL NOTES FOR PROPER INSTALLATION METHODS.
- OVER-WINTER STABILIZATION OF DISTURBED SOILS: BY SEPTEMBER 15, ALL DISTURBED SOILS ON AREAS HAVING A SLOPE LESS THAN 15% MUST BE SEEDED AND MULCHED. IF THE DISTURBED AREAS ARE NOT STABILIZED BY THIS DATE, THEN THE AREA SHALL EITHER BE STABILIZED WITH TEMPORARY VEGETATION BY OCTOBER 1, SOD BY OCTOBER 1, OR MULCH BY NOVEMBER 15. SEE APPLICABLE SECTIONS UNDER EROSION AND SEDIMENTATION CONTROL NOTES FOR PROPER INSTALLATION METHODS.
- MAINTENANCE: MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION SEASON. AFTER EACH RAINFALL, SNOW STORM, OR PERIOD OF THAWING AND RUNOFF THE SITE CONTRACTOR SHALL PERFORM A VISUAL INSPECTION OF ALL INSTALLED EROSION CONTROL MEASURES AND PERFORM REPAIRS AS NEEDED TO INSURE THEIR CONTINUOUS FUNCTION. FOLLOWING THE TEMPORARY AND/OR FINAL SEEDING AND MULCHING, THE CONTRACTOR SHALL IN THE SPRING, INSPECT AND REPAIR ANY DAMAGES AND/OR BARE SPOTS. AN ESTABLISHED VEGETATIVE COVER MEANS A MINIMUM OF 85% OF AREAS VEGETATED WITH VIGOROUS GROWTH.

RECOMMENDED TEMPORARY SEEDING DATES AND APPLICATION RATES ARE AS FOLLOWS:

AROOSTOOK RYE: RECOMMENDED SEEDING DATES: 8/15 - 10/1

APPLICATION RATE: 112 LBS./ACRE

ANNUAL RYE GRASS: RECOMMENDED SEEDING DATES: 4/1 - 7/1

APPLICATION RATE: 40 LBS./ACRE

PERENNIAL RYE GRASS: RECOMMENDED SEEDING DATES: 8/15 - 9/15

APPLICATION RATE: 40 LBS./ACRE

- IF THE AREA WILL REMAIN UNWORKED FOR MORE THAN ONE YEAR OR HAS BEEN BROUGHT TO STABILIZATION USING VEGETATION THROUGH SEEDING, SOD, OR THROUGH THE USE OF PERMANENT MULCH OR RIP RAP, IF USING VEGETATION FOR STABILIZATION, SELECT THE PROPER VEGETATION FOR THE LIGHT, MOISTURE, AND SOIL CONDITIONS. AMEND AREAS OF DISTURBED SUBSOIL OR OTHER ORGANIC AMENDMENTS, PRIOR TO SEEDING. SEED AREAS WITH MULCH OR, IF NECESSARY, EROSION CONTROL BLANKETS, AND SCHEDULE SODDING, PLANTING, AND SEEDING SO TO AVOID DIE-OFF FROM SUMMER DROUGHT AND FALL FROSTS. NEWLY SEEDED OR SODDED AREAS MUST BE PROTECTED FROM VEHICLE TRAFFIC, EXCESSIVE PEDESTRIAN TRAFFIC, AND CONCENTRATED RUNOFF UNTIL THE VEGETATION IS WELL ESTABLISHED. AREAS MUST BE REWORKED AND REESTABLISHED IF GERMINATION IS SPARSE, PLANT COVERAGE IS SPOTTY, OR TOPSOIL EROSION IS EVIDENT.

- PERMANENT SEEDING SPECIFICATION: IF A LANDSCAPE PLAN HAS BEEN PREPARED FOR THE PROJECT, SOIL PREPARATION AND SEEDING SPECIFICATIONS OF THAT PLAN SHALL SUPERSEDE THESE GENERAL PERMANENT SEEDING SPECIFICATIONS. IT IS RECOMMENDED THAT PERMANENT SEEDING BE COMPLETED BETWEEN APRIL 1 AND AUGUST 15 OF EACH YEAR. LATE SEASON SEEDING MAY BE DONE BETWEEN AUGUST 15 AND SEPTEMBER 15. AREAS NOT SEEDED OR WHICH DO NOT OBTAIN A SATISFACTORY GROWTH BY OCTOBER 1 SHALL BE SEEDED WITH AROOSTOOK RYE OR MULCHED AT RATES PREVIOUSLY SPECIFIED. SEE WINTER CONDITIONS NOTES FOR SEEDING STABILIZATION AFTER NOVEMBER 1.

- APPLY TOPSOIL TO A MINIMUM DEPTH OF 6". MIX TOPSOIL WITH THE SUBSOIL TO A MINIMUM DEPTH OF 6".
- UNIFORMLY APPLY SEED MIXTURE AT THE RECOMMENDED SEEDING RATES AND DATES, APPLY HAY OR STRAW MULCH AT A RATE OF 2 TONS PER ACRE, AND ANCHOR AS NECESSARY.
- THE SEED MIXTURE FOR LAWN AREAS SHALL CONSIST OF SEEDS PROPORTIONED BY WEIGHT AS FOLLOWS:

10% CREEPING RED FESCUE

30% KENTUCKY BLUEGRASS

60% PERENNIAL RYE GRASS
- THE SEED MIXTURE FOR WET AREAS SHALL CONSIST OF SEEDS PROPORTIONED BY WEIGHT AS FOLLOWS:

50% REED CANARY GRASS

25% RED TOP

15% CREEPING RED FESCUE

10% PERENNIAL RYE GRASS
- MULCH ALL AREAS SEEDED SO THAT SOIL IS NOT VISIBLE THROUGH THE MULCH.
- DITCH LININGS, STONE CHECK DAMS, AND RIPRAP INLET AND OUTLET PROTECTION SHALL BE INSTALLED WITHIN 48 HOURS OF COMPLETING THE GRADING OF THAT SECTION OF DITCH OR INSTALLATION OF CULVERT.
- RIPRAP REQUIRED AT CULVERTS AND STORM DRAIN INLETS AND OUTLETS SHALL CONSIST OF FIELD STONE OR ROUGH UNHEWN QUARRY STONE OF APPROXIMATELY RECTANGULAR SHAPE. STONES SHALL WEIGH FROM 10 LBS TO 200 LBS AND 50% OF THE STONES BY VOLUME SHALL EXCEED A UNIT WEIGHT OF APPROXIMATELY 50 LBS.
- EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL PERMANENT SLOPES STEEPER THAN 3:1, IN THE BASE OF DITCHES NOT OTHERWISE PROTECTED, AND ANY DISTURBED AREAS WITHIN 100 FEET OF A PROTECTED NATURAL RESOURCE (E.G. WETLANDS AND WATER BODIES). EROSION CONTROL BLANKET SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- TEMPORARY CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER PERMANENT STABILIZATION IS ATTAINED.

### C. HOUSEKEEPING

- SPILL PREVENTION:** CONTROLS MUST BE USED TO PREVENT POLLUTANTS FROM BEING DISCHARGED FROM MATERIALS ON SITE, INCLUDING STORAGE PRACTICES TO MINIMIZE EXPOSURE OF MATERIALS TO STORMWATER, AND APPROPRIATE SPILL PREVENTION, CONTAINMENT, AND RESPONSE PLANNING AND IMPLEMENTATION.
- GROUNDWATER PROTECTION:** DURING CONSTRUCTION, LIQUID PETROLEUM PRODUCTS AND OTHER HAZARDOUS MATERIALS WITH THE POTENTIAL TO CONTAMINATE GROUNDWATER MAY NOT BE STORED OR HANDLED IN AREAS OF THE SITE DRAINING TO AN INFILTRATION AREA. AN "INFILTRATION AREA" IS ANY AREA OF THE SITE THAT BY DESIGN OR AS A RESULT OF SOILS, TOPOGRAPHY, AND OTHER RELEVANT FACTORS, ACCUMULATES RUNOFF THAT INFILTRATES INTO THE SOIL. DIKES, BERMS, DUMPS, AND OTHER FORMS OF SECONDARY CONTAINMENT THAT PREVENTS DISCHARGE TO GROUNDWATER MAY BE USED TO ISOLATE PORTIONS OF THE SITE FOR THE PURPOSES OF STORAGE AND HANDLING OF THESE MATERIALS.
- FUGITIVE SEDIMENT AND DUST:** ACTIONS MUST BE TAKEN TO ENSURE THAT ACTIVITIES DO NOT RESULT IN NOTICEABLE EROSION OF SOILS OR FUGITIVE DUST EMISSIONS DURING OR AFTER CONSTRUCTION. OIL MAY NOT BE USED FOR DUST CONTROL.
- DEBRIS AND OTHER MATERIAL:** LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORMWATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE.
- TRENCH OR FOUNDATION Dewatering:** TRENCH Dewatering IS THE REMOVAL OF WATER FROM TRENCHES, FOUNDATIONS, COFFER DAMS, PONDS, AND OTHER AREAS WITHIN THE CONSTRUCTION AREA THAT RETAIN WATER AFTER EXCAVATION. THE COLLECTED WATER REMOVED FROM THE PONDED AREA MUST BE FILTERED THROUGH A DIRT BAG, HAYBALE CORRAL, OR OTHER SILTATION BASIN PRIOR TO DISCHARGE.

### D. INSPECTION AND MAINTENANCE

- INSPECT DISTURBED AND IMPEVIOUS AREAS, EROSION AND STORMWATER CONTROL MEASURES, AREAS USED FOR STORAGE THAT ARE EXPOSED TO PRECIPITATION, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE A WEEK AS WELL AS BEFORE AND AFTER STORM EVENTS AND PRIOR TO COMPLETION OF PERMANENT STABILIZATION. A PERSON WITH KNOWLEDGE OF EROSION AND STORMWATER CONTROLS, INCLUDING THE STANDARDS IN THE MAINE CONSTRUCTION GENERAL PERMIT AND ANY DEP OR MUNICIPAL COMPANION DOCUMENTS, MUST CONDUCT THE INSPECTION. THIS PERSON MUST BE IDENTIFIED IN THE INSPECTION LOG. IF BEST MANAGEMENT PRACTICES (BMPs) NEED TO BE MODIFIED OR IF ADDITIONAL BMPs ARE NECESSARY, IMPLEMENTATION MUST BE COMPLETED WITHIN 7 CALENDAR DAYS AND PRIOR TO ANY STORM EVENT (RAINFALL). ALL MEASURES MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION UNTIL AREAS ARE PERMANENTLY STABILIZED.
- AN INSPECTION AND MAINTENANCE LOG MUST BE KEPT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME AND QUALIFICATIONS OF THE PERSON PERFORMING THE INSPECTION, DATE, AND MAJOR OBSERVATIONS RELATING TO OPERATION OF EROSION AND SEDIMENTATION CONTROLS AND POLLUTION PREVENTION MEASURES. MAJOR OBSERVATIONS MUST INCLUDE: BMPs THAT NEED TO BE MAINTAINED, LOCATION(S) OF BMPs THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION, AND LOCATION(S) WHERE ADDITIONAL BMPs ARE NEEDED THAT DID NOT EXIST AT THE TIME OF THE INSPECTION. FOLLOW-UP TO CORRECT DEFICIENCIES OR ENHANCE CONTROLS MUST ALSO BE INDICATED IN THE LOG AND DATED, INCLUDING WHAT ACTION WAS TAKEN AND WHEN.

### E. WINTER CONSTRUCTION EROSION AND SEDIMENTATION CONTROL NOTES

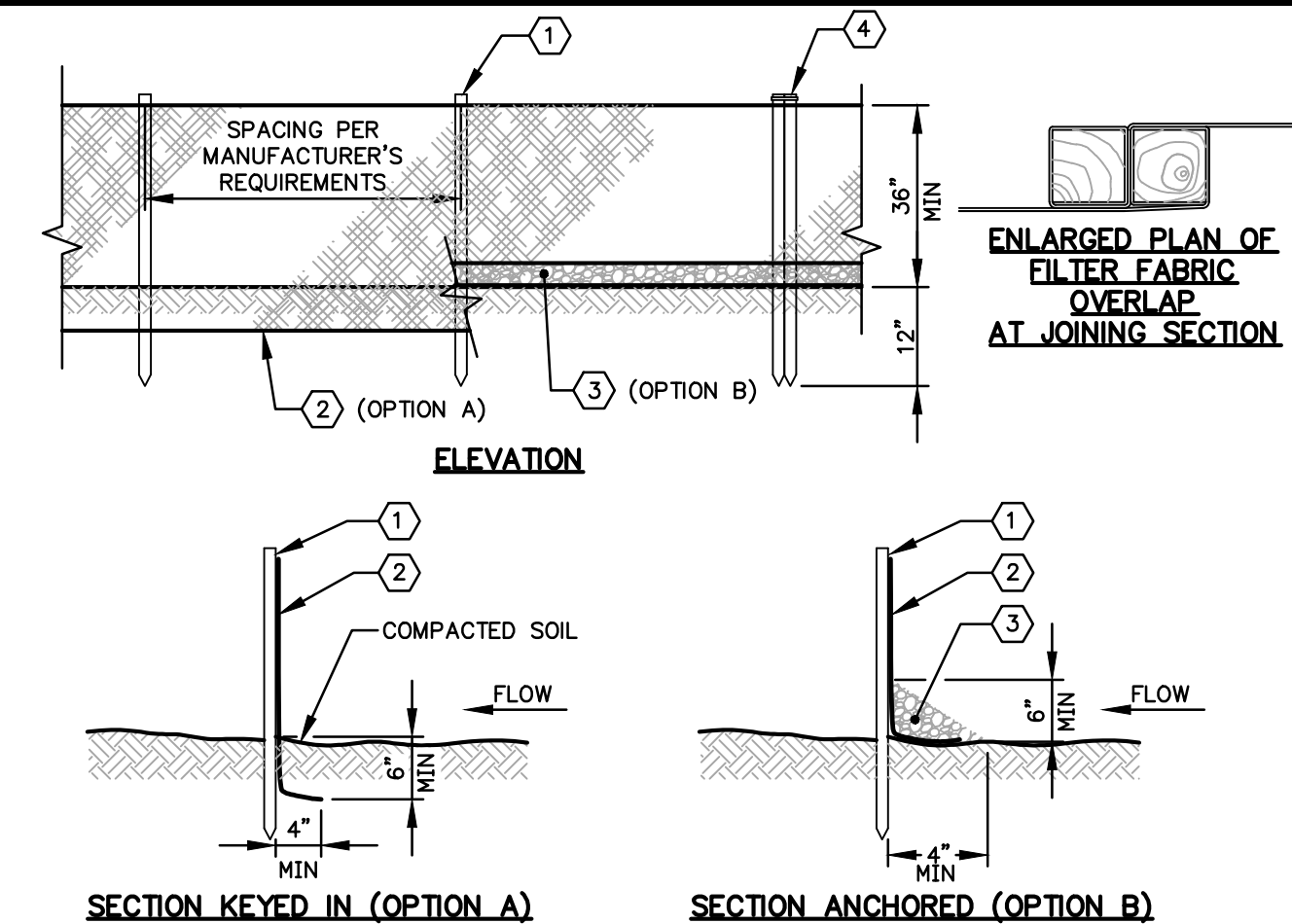
THE WINTER CONSTRUCTION PERIOD TYPICALLY BEGINS IN EARLY NOVEMBER AND ENDS IN APRIL. IF A CONSTRUCTION SITE IS NOT STABILIZED WITH PAVEMENT, A ROAD GRAVEL BASE, 75% MATURE VEGETATION COVER, OR RIPRAP BY NOVEMBER 15 THEN THE SITE NEEDS TO BE PROTECTED WITH OVER-WINTER STABILIZATION. WINTER EXCAVATION AND EARTHWORK SHALL BE COMPLETED SUCH THAT NO MORE THAN 1 ACRE OF THE SITE IS WITHOUT STABILIZATION AT ANY ONE TIME. LIMIT THE EXPOSED AREA TO THOSE AREAS IN WHICH WORK IS TO OCCUR DURING THE FOLLOWING 15 DAYS AND THAT CAN BE MULCHED IN ONE DAY PRIOR TO ANY SNOW EVENT. AN AREA SHALL BE CONSIDERED DENUDEED UNTIL THE SUBBASE GRAVEL IS INSTALLED IN THE ROADWAY AREAS OR THE AREAS OF FUTURE LOAM AND SEED HAVE BEEN LOADED, SEEDED, AND MULCHED. A COVER OF EROSION CONTROL MIX IS THE PREFERRED TEMPORARY MULCH DURING WINTER CONDITIONS.

- NATURAL RESOURCE PROTECTION:** ANY AREAS WITHIN 75 FEET FROM ANY REGULATED NATURAL RESOURCES, IF NOT STABILIZED WITH A MINIMUM OF 75% MATURE VEGETATION CATCH, SHALL BE MULCHED BY DECEMBER 1 AND ANCHORED WITH PLASTIC NETTING OR PROTECTED WITH AN EROSION CONTROL COVER. DURING WINTER CONSTRUCTION, A DOUBLE ROW OF SEDIMENT BARRIERS (FOR EXAMPLE, SILT FENCE BACKED WITH HAY BALES OR EROSION CONTROL MIX) WILL BE PLACED BETWEEN ANY REGULATED NATURAL RESOURCE AND THE DISTURBED AREA. PROJECTS CROSSING THE REGULATED NATURAL RESOURCE SHALL BE PROTECTED AT A MINIMUM THICKNESS OF 4". MULCH SHALL NOT BE SPREAD ON TOP OF SNOW OR FROST PRIOR TO ANY GRADING OR FILLING. AFTER EACH DAY OF FINAL GRADING, THE AREA WILL BE PROPERLY STABILIZED WITH ANCHORED HAY OR STRAW OR EROSION CONTROL MATTING. AN AREA SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHENEVER HAY OR STRAW MULCHING HAS BEEN EITHER MULCHED OR ADEQUATELY ANCHORED SO THAT GROUND SURFACE IS NOT VISIBLE THROUGH THE MULCH, BETWEEN THE DATES OF NOVEMBER 1 AND APRIL 15, ALL MULCH SHALL BE ANCHORED BY EITHER MULCH NETTING, ASPHALT EMULSION CHEMICAL, TRACKING, OR WOOD CELLULOSE FIBER. THE COVER WILL BE CONSIDERED SUFFICIENT WHEN THE GROUND SURFACE IS NOT VISIBLE THROUGH THE MULCH. AFTER NOVEMBER 1ST, MULCH AND ANCHORING OF ALL EXPOSED SOIL SHALL OCCUR AT THE END OF EACH FINAL GRADING WORKDAY.
- SEDIMENT BARRIERS:** DURING FROZEN CONDITIONS, SEDIMENT BARRIERS MAY CONSIST OF EROSION CONTROL MIX BERMS OR ANY OTHER RECOGNIZED SEDIMENT BARRIERS AS FROZEN SOIL PREVENTS THE PROPER INSTALLATION OF HAY BALES OR SILT FENCES.
- MULCHING:** ALL AREAS SHALL BE CONSIDERED TO BE DENUDEED UNTIL SEEDED AND MULCHED. HAY AND STRAW MULCH SHALL BE APPLIED AT A RATE OF 3 TONS PER ACRE (TWICE THE NORMAL ACCEPTED RATE) AND SHALL BE PROPERLY ANCHORED. EROSION CONTROL MIX MUST BE APPLIED AT A MINIMUM THICKNESS OF 4". MULCH SHALL NOT BE SPREAD ON TOP OF SNOW OR FROST PRIOR TO ANY GRADING OR FILLING. AFTER EACH DAY OF FINAL GRADING, THE AREA WILL BE PROPERLY STABILIZED WITH ANCHORED HAY OR STRAW OR EROSION CONTROL MATTING. AN AREA SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHENEVER HAY OR STRAW MULCHING HAS BEEN EITHER MULCHED OR ADEQUATELY ANCHORED SO THAT GROUND SURFACE IS NOT VISIBLE THROUGH THE MULCH, BETWEEN THE DATES OF NOVEMBER 1 AND APRIL 15, ALL MULCH SHALL BE ANCHORED BY EITHER MULCH NETTING, ASPHALT EMULSION CHEMICAL, TRACKING, OR WOOD CELLULOSE FIBER. THE COVER WILL BE CONSIDERED SUFFICIENT WHEN THE GROUND SURFACE IS NOT VISIBLE THROUGH THE MULCH. AFTER NOVEMBER 1ST, MULCH AND ANCHORING OF ALL EXPOSED SOIL SHALL OCCUR AT THE END OF EACH FINAL GRADING WORKDAY.

- SOIL STOCKPILING: STOCKPILES OF SOIL OR SUBSOIL WILL BE MULCHED FOR OVER WINTER PROTECTION WITH HAY OR STRAW AT TWICE THE NORMAL RATE OR WITH A 4" LAYER OF EROSION CONTROL MIX. THIS WILL BE DONE WITHIN 24 HOURS OF STACKING AND RE-ESTABLISHED PRIOR TO ANY RAINFALL OR SNOWFALL. ANY SOIL STOCKPILE WILL NOT BE PLACED WITHIN 100 FEET FROM ANY REGULATED NATURAL RESOURCE.
- SEEDING: BETWEEN THE DATES OF OCTOBER 15 AND APRIL 1, LOAM OR SEED WILL NOT BE REQUIRED, DURING PERIODS OF ABOVE FREEZING TEMPERATURES FINISHED AREAS SHALL BE FINE GRADED AND EITHER PROTECTED MULCH OR TEMPORARILY SEEDED AND MULCHED UNTIL SUCH TIME AS THE FINAL TREATMENT CAN BE APPLIED. IF THE DATE IS AFTER NOVEMBER 1 AND IF THE EXPOSED AREA HAS BEEN LOAMED AND FINAL GRADED WITH A UNIFORM SURFACE, THEN THE AREA MAY BE DORMANT SEEDED AT A RATE 3 TIMES HIGHER THAN SPECIFIED FOR PERMANENT SEED AND MULCHED. IF DORMANT SEEDED IS USED, ALL DISTURBED AREAS SHALL RECEIVE 4" OF LOAM AND SEED AT AN APPLICATION RATE OF 5 LBS PER 1,000 SF. ALL AREAS INSUFFICIENTLY VEGETATED (LESS THAN 75%) IN THE SPRING SHALL BE REVEGETATED.
- OVER-WINTER STABILIZATION OF DISTURBED SLOPES: ALL STONE-COVERED SLOPES MUST BE CONSTRUCTED AND STABILIZED BY NOVEMBER 15. ALL SLOPES TO BE VEGETATED MUST BE SEEDED AND MULCHED BY SEPTEMBER 1. ALL AREAS HAVING A GRADE STEEPER THAN 8% SHALL BE CONSIDERED A SLOPE. IF A SLOPE TO BE VEGETATED IS NOT STABILIZED BY SEPTEMBER 1, THEN THE SLOPE SHALL EITHER BE STABILIZED WITH TEMPORARY VEGETATION AND EROSION CONTROL MATS BY OCTOBER 1, SOD BY OCTOBER 1, EROSION CONTROL MIX BY NOVEMBER 1, OR STONE RIPRAP BY NOVEMBER 15. SEE APPLICABLE SECTIONS UNDER EROSION AND SEDIMENTATION CONTROL NOTES FOR PROPER INSTALLATION METHODS.
- OVER-WINTER STABILIZATION OF DISTURBED SOILS: BY SEPTEMBER 15, ALL DISTURBED SOILS ON AREAS HAVING A SLOPE LESS THAN 15% MUST BE SEEDED AND MULCHED. IF THE DISTURBED AREAS ARE NOT STABILIZED BY THIS DATE, THEN THE AREA SHALL EITHER BE STABILIZED WITH TEMPORARY VEGETATION BY OCTOBER 1, SOD BY OCTOBER 1, OR MULCH BY NOVEMBER 15. SEE APPLICABLE SECTIONS UNDER EROSION AND SEDIMENTATION CONTROL NOTES FOR PROPER INSTALLATION METHODS.
- MAINTENANCE: MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION SEASON. AFTER EACH RAINFALL, SNOW STORM, OR PERIOD OF THAWING AND RUNOFF THE SITE CONTRACTOR SHALL PERFORM A VISUAL INSPECTION OF ALL INSTALLED EROSION CONTROL MEASURES AND PERFORM REPAIRS AS NEEDED TO INSURE THEIR CONTINUOUS FUNCTION. FOLLOWING THE TEMPORARY AND/OR FINAL SEEDING AND MULCHING, THE CONTRACTOR SHALL IN THE SPRING, INSPECT AND REPAIR ANY DAMAGES AND/OR BARE SPOTS. AN ESTABLISHED VEGETATIVE COVER MEANS A MINIMUM OF 85% OF AREAS VEGETATED WITH VIGOROUS GROWTH.

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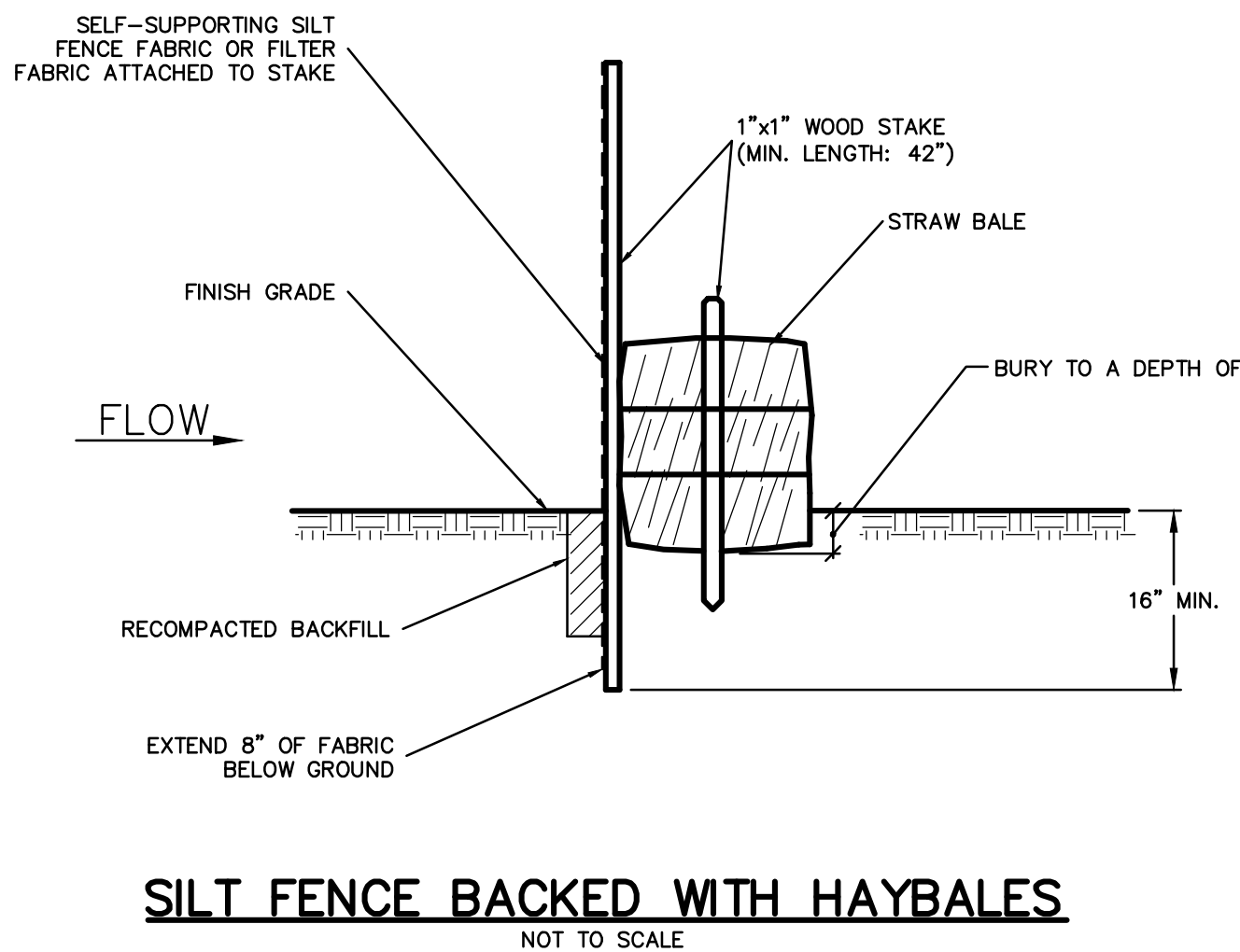
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- OVER-WINTER STABILIZATION OF DISTURBED SOILS: BY SEPTEMBER 15, ALL DISTURBED SOILS ON AREAS HAVING A SLOPE LESS THAN 15% MUST BE SEEDED AND MULCHED. IF THE DISTURBED AREAS ARE NOT STABILIZED BY THIS DATE, THEN THE AREA SHALL EITHER BE STABILIZED WITH TEMPORARY VEGETATION BY OCTOBER 1, SOD BY OCTOBER 1, OR MULCH BY NOVEMBER 15. SEE APPLICABLE SECTIONS UNDER EROSION AND SEDIMENTATION CONTROL NOTES FOR PROPER INSTALLATION METHODS.
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- NOTES:
- 1.25"x1.25" OAK STAKES EMBEDDED A MINIMUM OF 12" INTO THE GROUND.
  - FILTER FABRIC TO BE SEDIMENTATION CONTROL FABRIC MIRAFI 100X OR EQUIVALENT.
  - 1" CRUSHED STONE ANCHORING MATERIAL.
  - OVERLAP AT JOINING SECTION AS SHOWN. A COUPLER CAN BE AN ACCEPTABLE DEVICE USED TO TIE THE OAK STAKES TOGETHER.
  - INSTALLATION/PLACEMENT OF THE PERIMETER SILT FENCE SHALL BE IN ACCORDANCE WITH MAINE EROSION AND SEDIMENT CONTROL HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT PRACTICES AND SOIL EROSION & SEDIMENT CONTROL PLAN.

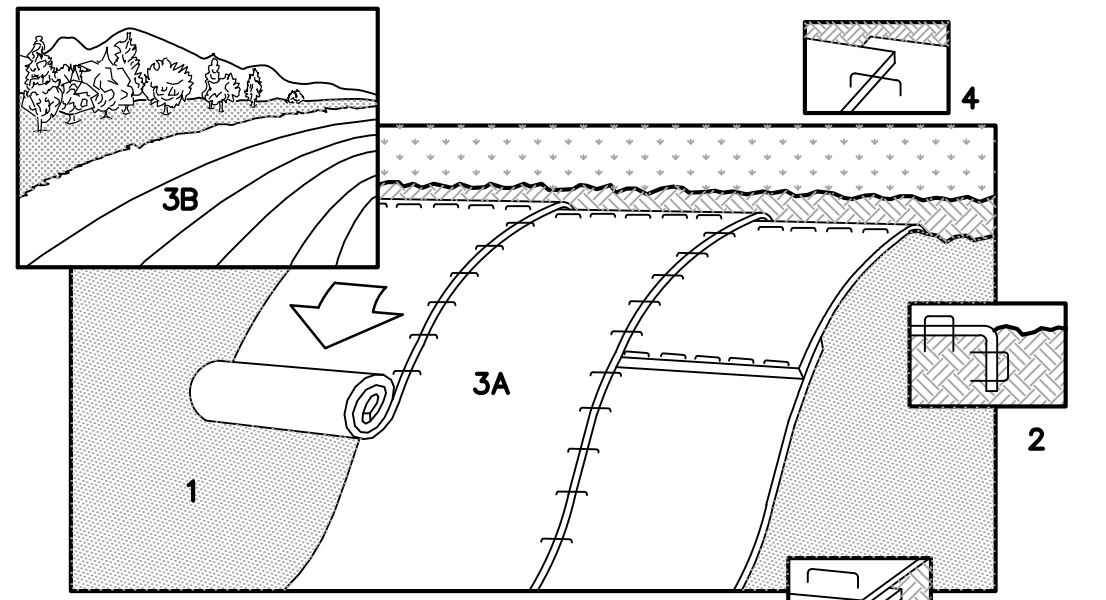
## SILT FENCE

NOT TO SCALE



## SILT FENCE BACKED WITH HAYBALES

NOT TO SCALE



NOTE:

REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS. BLANKET TO BE A BIODEGRADABLE DOUBLE NET STRAW MAT.

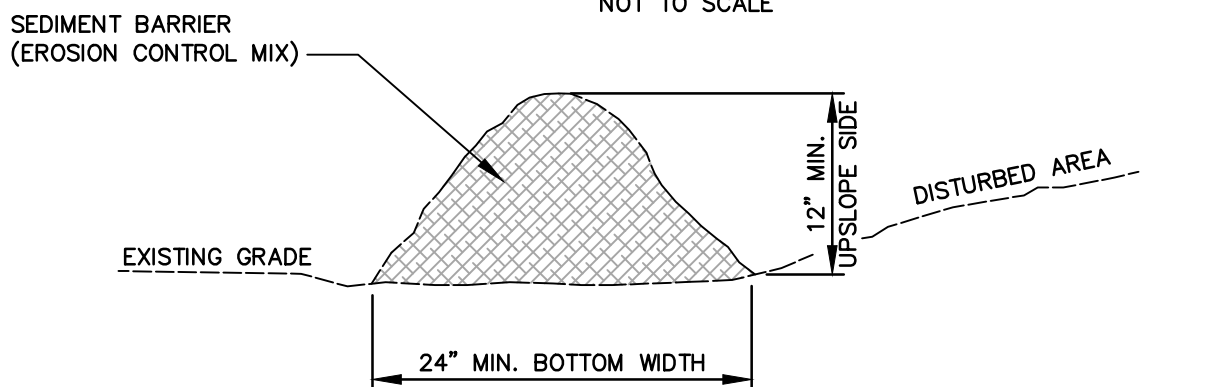
INSTALLATION STEPS:

- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF SEED. NOTE: WHEN USING CELL-0-SEED DO NOT SEED PREPARED AREA. CELL-0-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
- ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
- WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.

## EROSION CONTROL BLANKET

## (SLOPE INSTALLATION)

NOT TO SCALE

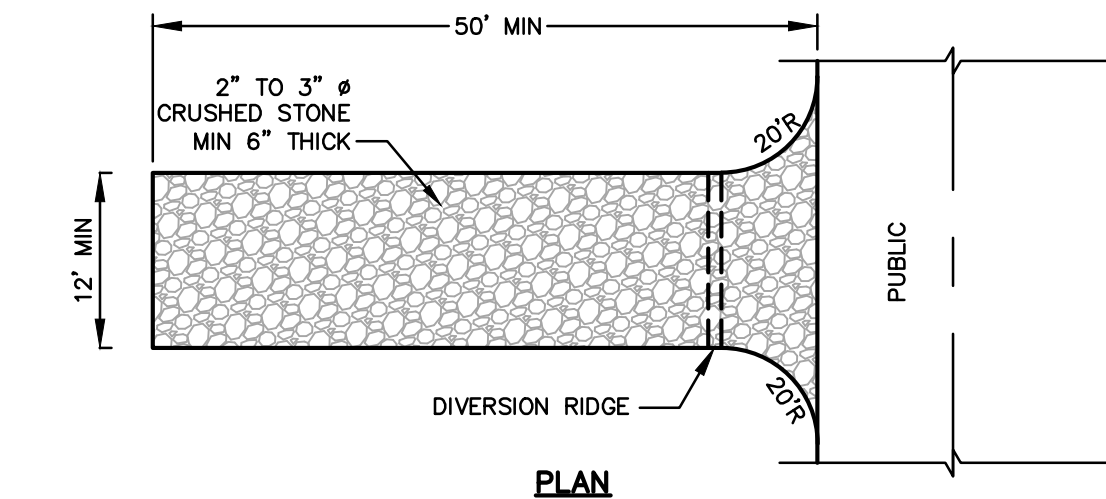


IN ORDER FOR EROSION CONTROL MIX TO BE USED IN LIEU OF SILT FENCE IT MUST MEET THE FOLLOWING STANDARDS:

- THE ORGANIC MATTER CONTENT SHALL BE BETWEEN 50 AND 100%, DRY WEIGHT BASIS.
- PARTICLE SIZE BY WEIGHT SHALL BE 100% PASSING A 6" SCREEN AND A MINIMUM OF 70% MAXIMUM OF 85%, PASSING A 0.75" SCREEN.
- THE ORGANIC PORTION NEEDS TO BE FIBROUS AND ELONGATED.
- LARGE PORTIONS OF SILTS, CLAYS, OR FINE SANDS ARE NOT ACCEPTABLE IN THE MIX.
- SOLUBLE SALTS CONTENT SHALL BE <4.0 mmhos/cm.
- THE pH SHOULD FALL BETWEEN 5.0 AND 8.0.
- THE EROSION CONTROL MIX SHALL CONTAIN A WELL GRADED MIXTURE OF PARTICLE SIZES AND MAY CONTAIN ROCKS LESS THAN 4" DIAMETER. EROSION CONTROL MIX MUST BE FREE OF REFUSE, PHYSICAL CONTAMINANTS, AND MATERIAL TOXIC TO PLANT GROWTH.
- PLACE BARRIER ALONG A RELATIVELY FLAT CONTOUR. CUT TALL GRASSES OR WOODY VEGETATION TO AVOID CREATING VOIDS AND BRIDGES WHERE FINES CAN WASH UNDER THE BARRIER THROUGH GRASS BLADES AND BRANCHES.
- PLACEMENT OF BARRIER SHOULD BE:
  - AT TOE OF THE SLOPE.
  - ON FROZEN GROUND, BEDROCK, OR ROOTED FORESTED AREAS.
  - AT THE EDGE OF GRAVEL AND AREAS UNDER CONSTRUCTION.
- BARRIER SHALL NOT BE USED ADJACENT TO WETLANDS.
- REMOVE SEDIMENT DEPOSITS WHEN THEY REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER.
- WHEN BARRIER IS DECOMPOSED, CLOGGED WITH SEDIMENT, ERODED, OR INEFFECTIVE, IT MUST BE REPLACED OR REPAIRED. THE BARRIER SHOULD BE RESHAPED AS NECESSARY.

## EROSION CONTROL MIX BERM

NOT TO SCALE



NOTES:

- USE 2" TO 3" # CRUSHED STONE OR ACCEPTABLE ON-SITE MATERIAL.
- GEOTEXTILE FILTER (MIRAFI 600X OR APPROVED EQUIVALENT) SHALL BE PLACED OVER THE ENTIRE AREA TO BE COVERED WITH AGGREGATE.
- LENGTH - 50' MINIMUM.
- THICKNESS - NOT LESS THAN 6".
- PROVIDE APPROPRIATE TRANSITION BETWEEN STABILIZED CONSTRUCTION ENTRANCE AND PUBLIC RIGHT-OF-WAY INGRESS OR EGRESS.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC REPAIR AND TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN COMPLETE, CONTRACTOR TO REMOVE STONE AND GRADE SUBBASE TO MATCH EXISTING OR PROPOSED GRADES. FINAL TREATMENT AS SHOWN ON PLANS OR OTHERWISE DIRECTED.

## STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE



REV.	DATE	REVISION DESCRIPTION

DESIGNED BY: KSJ  
DRAWN BY: KSJ  
CHECKED BY: PJC  
DATE: 4/8/2022  
FILE NAME: 3746-0003 DET01.dwg

PROJECT NAME:

PENLEY CORNER ROAD PIT  
MAP 113, LOT 15  
PENLEY CORNER ROAD  
AUBURN, MAINE

CLIENT:

RJF MORIN BRICK, LLC  
130 MORIN BRICK ROAD  
AUBURN, MAINE

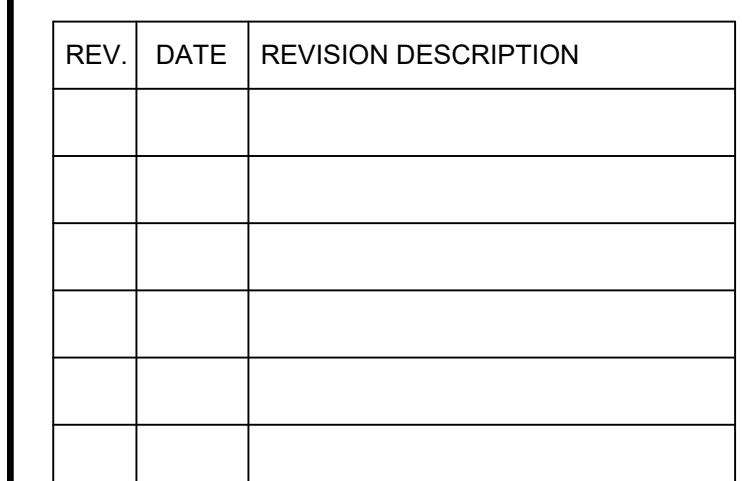
SHEET TITLE:

## EROSION & SEDIMENTATION CONTROL NOTES & DETAILS

SHEET NO:

C-501





PROJECT NAME: \_\_\_\_\_

CLIENT: \_\_\_\_\_

SHEET TITLE: \_\_\_\_\_

SHEET NO: \_\_\_\_\_

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RIPRAP INLET/OUTLET APRONS  
NOT TO SCALE