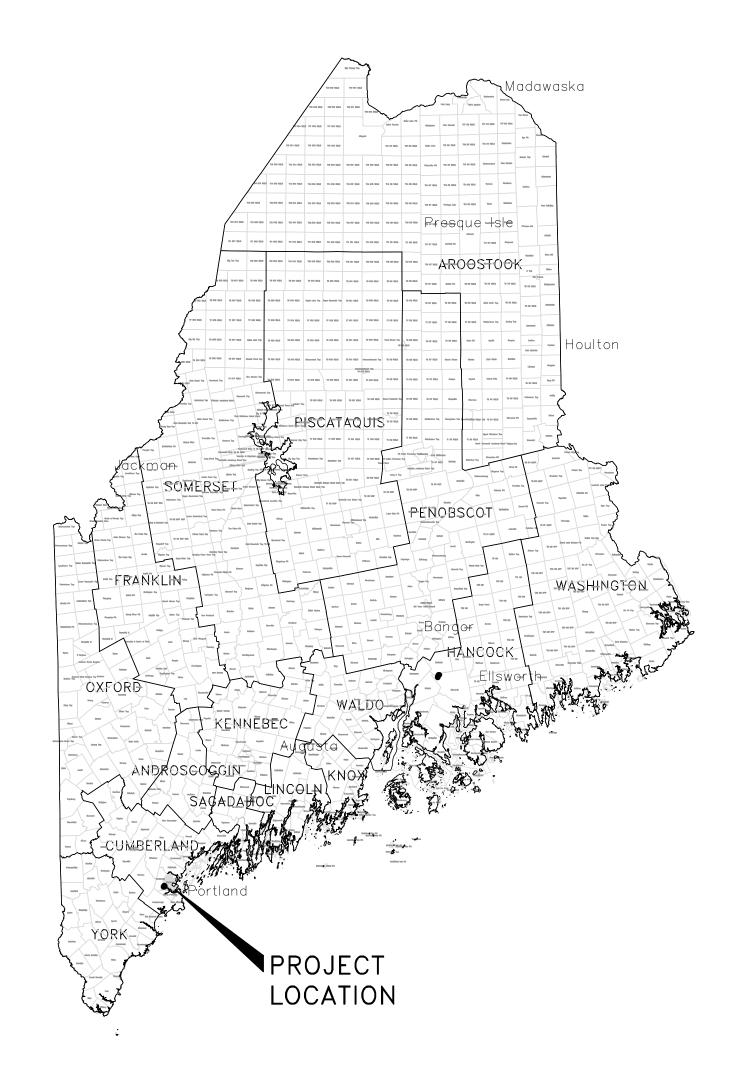
CAPISIC POND ENHANCEMENTS CITY OF PORTLAND PORTLAND, MAINE

DECEMBER 2013



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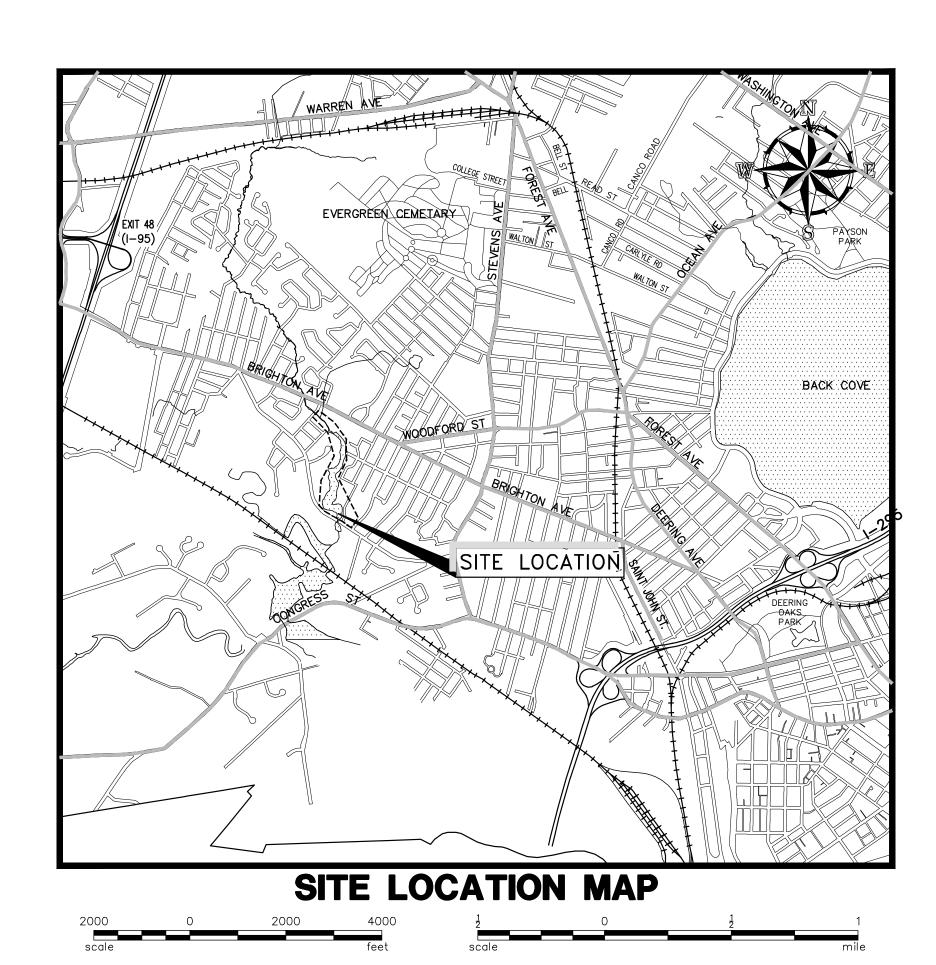


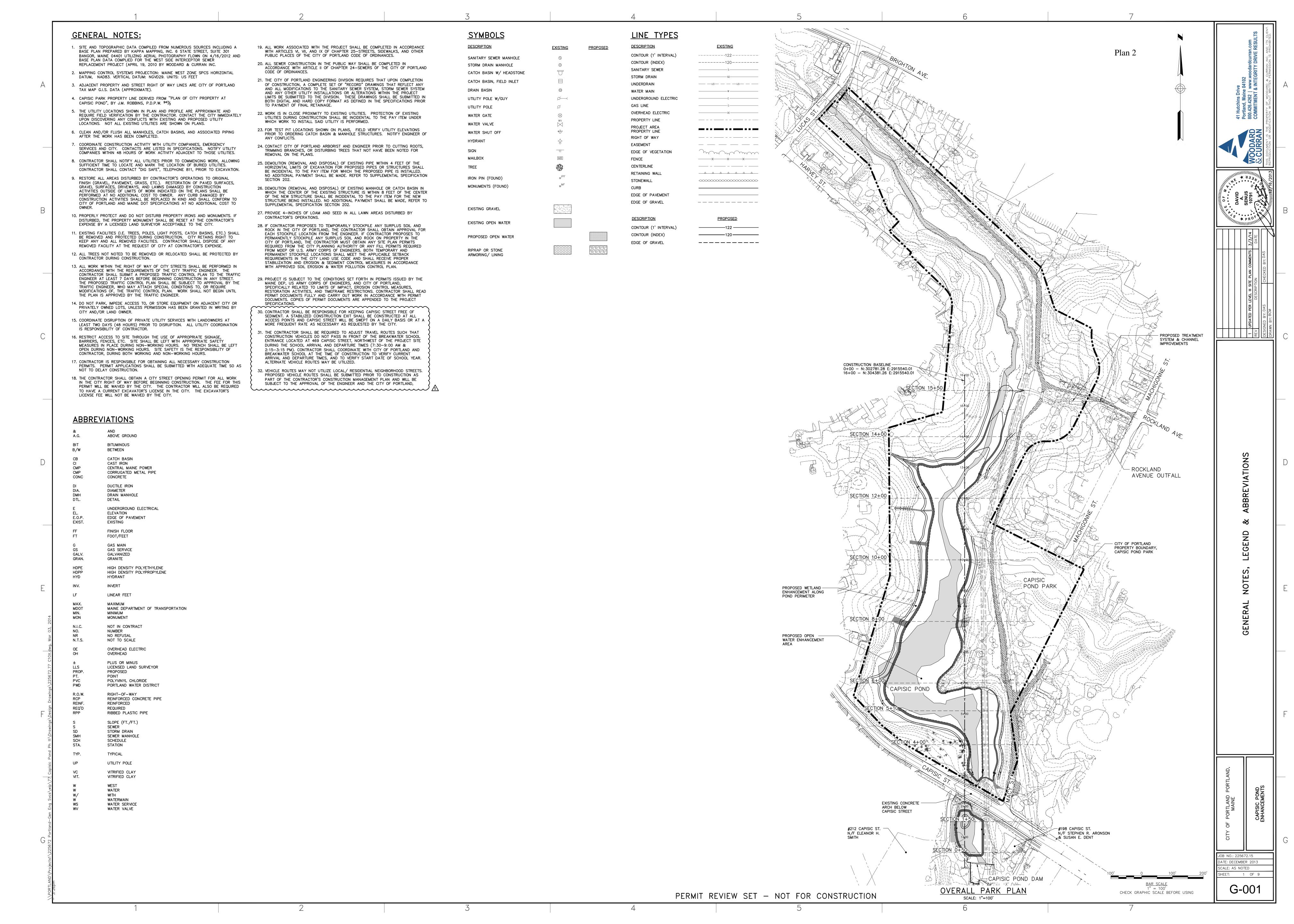
PROJECT LOCATION MAP

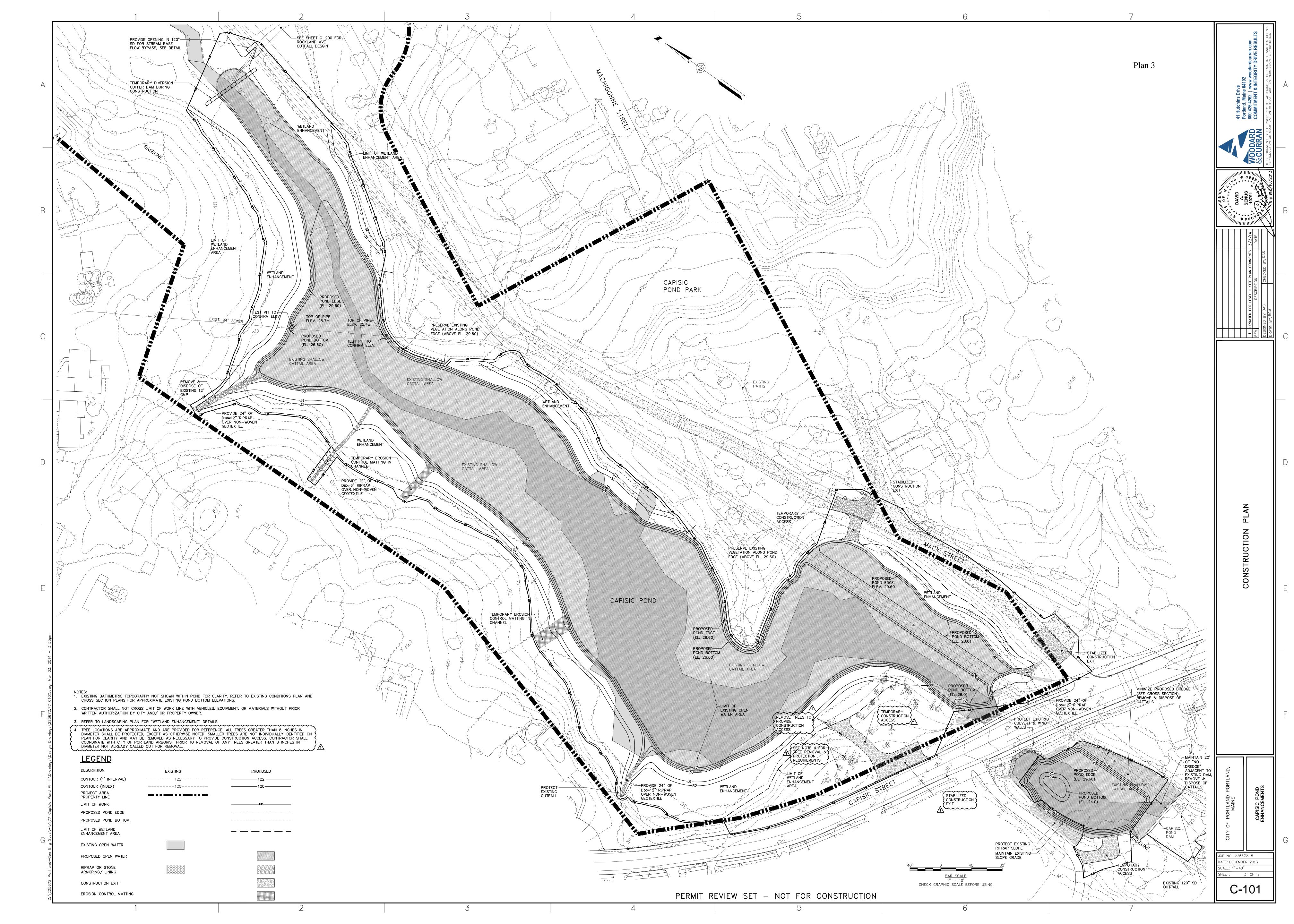
PERMIT REVIEW SET NOT FOR CONSTRUCTION

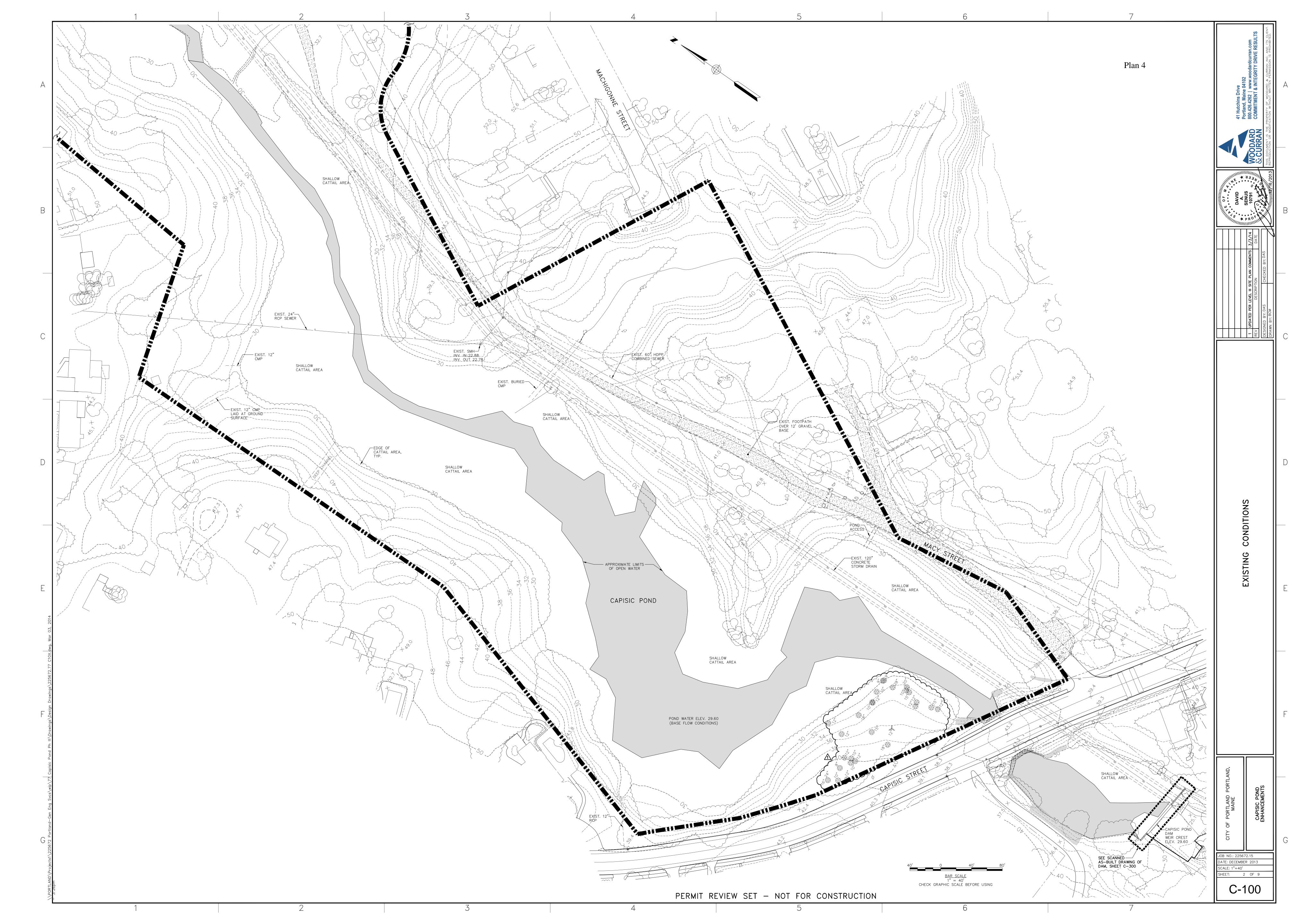


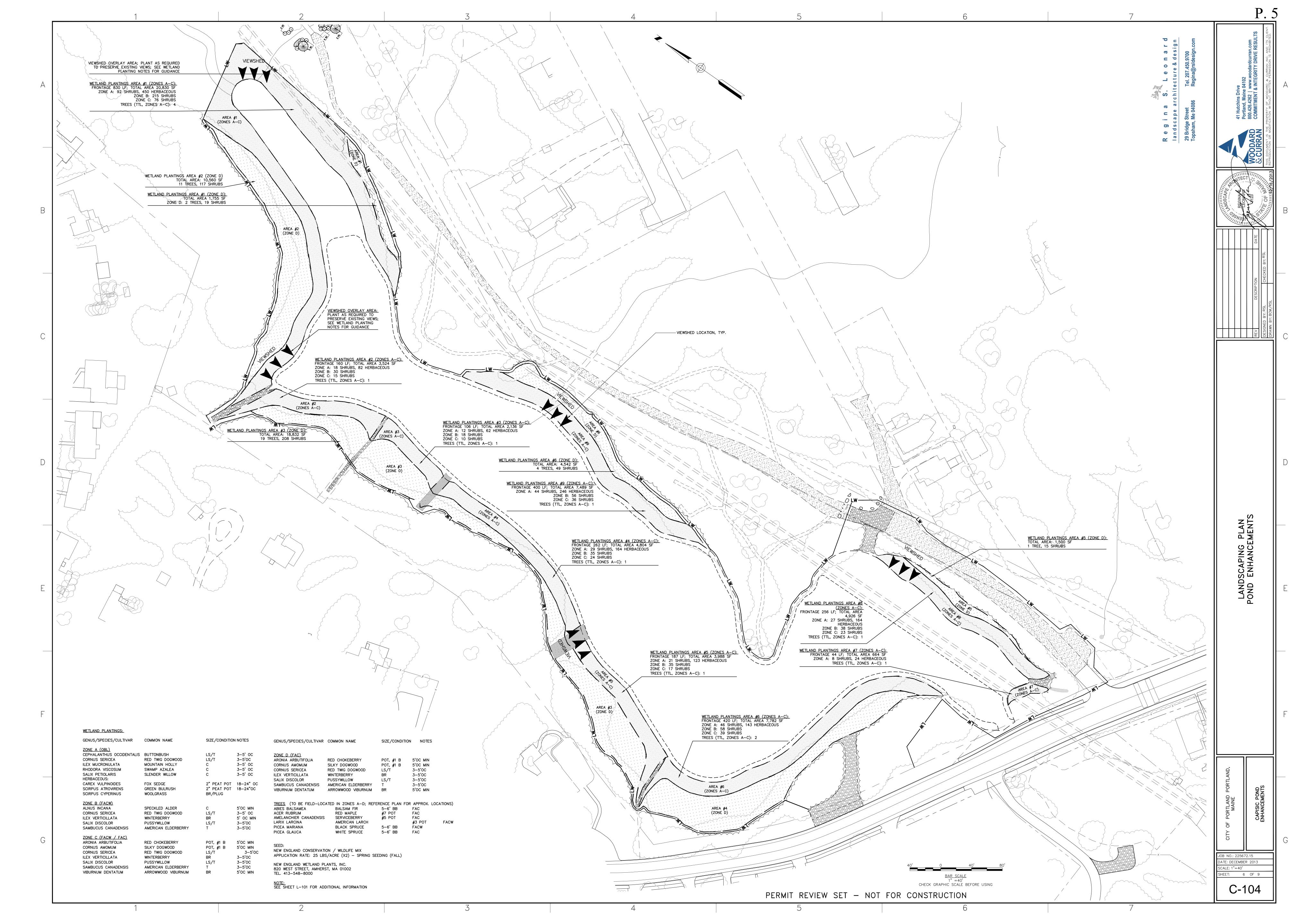












EROSION AND SEDIMENT CONTROL NOTES **EROSION AND SEDIMENTATION CONTROL NOTES** CONSTRUCTION 2"x2"x36" WOODEN -TEMPORARY EROSION CONTROL MEASURES MAY INCLUDE THE USE OF STABILIZED CONSTRUCTION ENTRANCES, HYDRAULIC MULCH, HAY AND STRAW MULCH, EROSION CONTROL BLANKET, TURF REINFORCED MATTING, RIPRAP AND TEMPORARY SEEDING. Temporary Erosion Control ACTIVITY / STAKES PLACED -12" DIA. BIODEGRADABLE AREA OF 10' O.C. (TYP.) -EROSION CONTROL MIX BERM TEMPORARY SEDIMENT CONTROL MEASURES INCLUDE THE USE OF SILT FENCE, EROSION CONTROL MIX BERMS, PLUNGE POOLS, DISTURBANCE FILTREXX SOXX FILLED WITH Contractor shall prepare and submit a soil erosion CHECK DAMS, SEDIMENT TRAPS, CATCHBASIN SEDIMENT COLLECTION BAGS AND GEOTEXTILE FILTER BAGS. PERMANENT GROWING MEDIA and water pollution control plan to engineer in MEASURES INCLUDE THE USE OF RIPRAP AT EXPOSED STORMDRAIN AND CULVERT INLETS AND OUTLETS, ARMORED SWALES accordance with Section 656. AND SLOPES AND PERMANENT VEGETATION. ∕∕DRE∕DGE POND WATER LEVEL: 29.60 Timing, Activity, and Location Dates For Use șpoils— SLOPE A. THE PROJECT SHALL CONFORM WITH THE STANDARDS OF THE MAINE CONSTRUCTION GENERAL PERMIT, IF APPLICABLE Before soil disturbance, install downhill of areas to be Sedimentation Barrier disturbed and around material stockpiles. B. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MAINE EROSION AND SEDIMENT CONTROL BMPS HANDBOOK PUBLISHED BY THE MAINE DEP UNLESS OTHERWISE NOTED Before soil disturbance, install uphill of areas to be Up-slope Diversion IN THESE PLANS. http://www.maine.gov/dep/blwq/docstand/escbmps/ disturbed and material stockpiles. NOTES: Before soil or pavement disturbance, install ACF C. ANY ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES DEEMED NECESSARY BY THE OWNER'S REPRESENTATIVE, Erosion Control Mix Berms Environmental, Inc. High Flow Siltsack, Siltsaver Inlet Filter. Catch Basin Protection DEPARTMENT OF ENVIRONMENTAL PROTECTION, AND/OR MUNICIPAL OFFICIALS SHALL BE INSTALLED BY THE or equal, installed per manufacturer's requirements. Erosion control mix can be manufactured on or off the project site. It must PROPOSED GRADE: 26.6 consist primarily of organic material and may include: shredded bark, stump During dry weather, apply water and calcium chloride to D. THE CONTRACTOR IS RESPONSIBLE FOR ALL FINES RESULTING FROM EROSION OR SEDIMENTATION FROM THE SITE TO Dust Control grindings, composted bark, or acceptable manufactured products. Wood and SURROUNDING PROPERTIES, WATER BODIES, OR WETLANDS AS A RESULT OF THIS PROJECT. bark chips, ground construction debris or reprocessed wood products will not Soil stockpiles that are not covered and disturbed areas Temporary Seeding be acceptable as the organic component of the mix. E. THE CONTRACTOR SHALL MINIMIZE DISTURBANCE TO THE SITE WHENEVER POSSIBLE WHILE ALLOWING PROPER SITE that will not be disturbed again within 14 days. If grass growth provides less than 95% soil coverage by Nov. 1, <u>Composition</u> POND EDGE DREDGE RETENTION apply mulch and anchor with erosion control blanket. F. CONSTRUCTION STAGING SHALL BE CONDUCTED IN A WAY TO MINIMIZE THE POTENTIAL FOR STORMWATER RUN-ON TO Erosion control mix shall contain a well-graded mixture of particle sizes and On all areas of exposed soil prior to rain events apply DISTURBED AREAS. may contain rocks less than 4" in diameter. Erosion control mix must be free 100—150 lbs (2.5 bales) per 1,000 sq ft. by mechanical of refuse, physical contaminants, and material toxic to plant growth. The mix G. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR/REPLACEMENT/MAINTENANCE OF ALL EROSION CONTROL composition shall meet the following standards: MEASURES UNTIL ALL DISTURBED AREAS ARE STABILIZED TO THE SATISFACTION OF THE ABOVE PERSONNEL. Winter Mulch Sept. 16 to Oct. 31 On all areas of exposed soil prior to precipitation apply 150 DESCRIPTIONS OF PERMANENT STABILIZATION FOR VARIOUS COVER TYPES FOLLOWS: • The organic matter content shall be between 80 and 100%, dry weight to 170 lbs. mulch (4 bales) per 1,000 sq. ft. by mechanical blower. Erosion control blanket may be used a i. FOR SEEDED AREAS, PERMANENT STABILIZATION MEANS THAT 90% OF THE DISTURBED AREA IS COVERED WITH • Particle size by weight shall be 100 % passing a 6" screen and a minimum a substitute for winter mulch. REASONABLY THICK UNIFORM STAND OF PERMANENT GRASS SPECIES, FREE FROM SIZABLE THIN OR BARE SPOTS. WEER * of 70%, maximum of 85%, passing a 0.75" screen. ii. FOR SODDED AREAS, PERMANENT STABILIZATION MEANS THAT COMPLETE BINDING OF THE SOD ROOTS INTO THE Nov. 1 to April 14 On all areas of exposed soil, apply 150 to 170 lbs. mulch • The organic portion needs to be fibrous and elongated. UNDERLYING SOIL WITH NO SLUMPING OF THE SOD OR DIE OFF. 2"x2"x36" WOODEN -(4 bales) per 1,000 sq. ft. and anchor with netting at the • Large portions of silts, clays or fine sands are not acceptable in the mix. iii. FOR MULCHED AREAS, PERMANENT STABILIZATION MEANS TOTAL COVERAGE OF THE EXPOSED AREA WITH AN -12" DIA. BIODEGRADABLE STAKES PLACED end of each working day. Erosion control blanket may be • Soluble salts content shall be < 4.0 mmhos/cm. FILTREXX SOXX FILLED WITH 10' O.C. (TYP.) PROPOSED GRADE used as a substitute for winter mulch. • The pH should fall between 5.0 and 8.0. iv. FOR AREAS STABILIZED WITH RIPRAP, PERMANENT STABILIZATION MEANS THAT SLOPES STABILIZED WITH RIPRAP GROWING MEDIA HAVE AN APPROPRIATE BACKING OF A WELL-GRADED GRAVEL OR APPROVED GEOTEXTILE. STONE MUST BE SIZED Until site is permanently Inspect the erosion and sedimentation control measures APPROPRIATELY AND IN ACCORDANCE WITH SECTION E-6 OF THE MAINE EROSION AND SEDIMENT CONTROL BMP laily, and maintain and repair as necessary. SEDIMENT BARRIER -POND WATER LEVEL: 29.60 v. FOR PAVED AREAS, PERMANENT STABILIZATION MEANS THE PLACEMENT OF THE ASPHALT BINDER COURSE. **EROSION CONTROL MIX BERM** VI. FOR OPEN CHANNELS, LEVEL SPREADERS, ENGINEERED BUFFERS OR OTHER DESIGNED STORMWATER CONVEYANCE ∠DRFDGF * PROT STRUCTURE, PERMANENT STABILIZATION MEANS THE CHANNELIZED AREA(S) IS STABILIZED WITH MATURE VEGETATION ×spoils→ AT LEAST THREE INCHES IN HEIGHT, WITH APPROVED RIPRAP, OR WITH OTHER NON-EROSIVE LINING CAPABLE OF Permanent Erosion Control: WITHSTANDING THE ANTICIPATED FLOW VELOCITIES AND FLOW DEPTHS WITHOUT RELIANCE ON CHECK DAMS TO SLOW (FOR USE AROUND STAGING/ ACCESS AREAS) FLOW. THERE SHALL BE NO EVIDENCE OF SLUMPING, UNDERCUTTING OR DOWNCUTTING OF THE DESIGNED CHANNEL. Timing, Activity, and Location Dates For Use H. IF THE AREA WILL REMAIN UNWORKED FOR MORE THAN ONE YEAR OR HAS BEEN BROUGHT TO FINAL GRADE, AND WILL NOT BE BUILT ON, THEN IMMEDIATELY PROVIDE PERMANENT STABILIZATION USING VEGETATION THROUGH PLANTING. FILTREXX SOXX EXISTING GRADE Pavement — Base Course When no frost is in Install only in areas shown on the plan, shortly after SEEDING, SOD OR THROUGH THE USE OF PERMANENT MULCH OR RIPRAP. IF USING VEGETATION FOR STABILIZATION, SEDIMENT BARRIER pavement base is brought to final grade. Install near SELECT THE PROPER VEGETATION FOR THE LIGHT, MOISTURE, AND SOIL CONDITIONS. AMEND AREAS OF DISTURBED, FILLED WITH > DREDGE completion of project. OVERLY-COMPACTED SUBSOIL WITH TOPSOIL OR COMPOST AND LIGHTLY TILL 2-3" OF SOIL AMENDMENTS INTO THE TOP ANCHORING MATERIAL LINEAL SPACING 2"x2" WOODEN STAKE-PROPOSED GRADE: 26.60 April 15 to Sept. 15 On final grade areas, within 7 days of grade preparation, Permanent Seeding prepare topsoil, followed by seed and mulch application. I. PERMANENT SEEDING SPECIFICATION: UNLESS OTHERWISE NOTED ON LANDSCAPE PLAN, IT IS RECOMMENDED THAT FILTREXX SILTSOXX7 PERMANENT SEEDING BE COMPLETED BETWEEN APRIL 1 AND AUGUST 15 OF EACH YEAR. LATE SEASON SEEDING MAY Sept. 16 to April 15 | On final grade areas, with prepared topsoil. Apply seed at double the specified rate on bare soil, and follow with an BE DONE BETWEEN AUGUST 15 AND SEPTEMBER 15. AREAS NOT SEEDED OR WHICH DO NOT OBTAIN A SATISFACTORY Dormant Seeding POND EDGE DREDGE RETENTION AREA TO BE GROWTH BY OCTOBER 1 SHALL BE SEEDED WITH AROOSTOCK WINTER RYE OR MULCHED AT SPECIFIED RATES. SEE application of winter mulch. PROTECTED WINTER SEEDING AND MULCHING SPECIFICATIONS FOR STABILIZATION AFTER NOVEMBER 1 **DETAIL B** April 15 to Nov. 1 Install with final landscaping. Ground Cover, Trees, WORK AREA i. APPLY TOPSOIL TO A DEPTH OF 4 INCHES. IN COMPACTED AREAS TILL 2-3" OF COMPOST INTO UPPER 8" OF DISTURBED SOIL AND THEN APPLY 4 INCHES OF TOPSOIL. Install with final landscaping. Permanent Mulch ii. APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS. IN LIEU OF SOIL TESTS, APPLY GROUND LIMESTONE AT A WATER FLOW RATE OF 33 LBS PER 1000 SQUARE FEET AND GRANULAR, COMMERCIAL-GRADE FERTILIZER 10-10-10 AT A RATE OF 18 LBS PER 1000 SQUARE FEET. iii. UNIFORMLY APPLY SEED MIXTURE AT THE RECOMMENDED SEEDING RATES AND DATES, APPLY HAY OR STRAW MULCH AT A RATE OF 2.5 BALES PER 1000 SQUARE FEET AND ANCHOR AS NECESSARY.

iv. THE SEED MIXTURE FOR LAWN AREAS SHALL CONSIST OF SEEDS PROPORTIONED BY WEIGHT AS FOLLOWS: 10% CREEPING RED FESCUE 25% KENTUCKY BLUEGRASS Regular inspections of all erosion and sedimentation controls shall be made at least 60% PERENNIAL RYE GRASS weekly and prior to and following storm events. Minimum inspections shall be made 5% ANNUAL RYEGRASS as listed in the table below. v. THE SEED MIXTURE FOR NON-LAWN AREAS WITH LOW-MAINTENANCE SHALL CONSIST OF SEEDS PROPORTIONED BY WEIGHT AS FOLLOWS: Inspected Item Look For --- RESET EXISTING GRANITE SLABS IN THE 50% CREEPING RED FESCUE PLAN VIEW AREA BETWEEN THE LIMIT OF RIPRAP 25% TALL FESCUE Mulched Surfaces Thin mulch or inadequate application. Wind movement. AND PROPOSED CONTAINMENT WALL 10% ANNUAL RYFGRASS SEDIMENT BARRIER - SILTSOXX 10% WHITE CLOVER Seeded Surfaces Poor seed germination. Loss of mulch. Development of J. PROTECT ALL SEEDED AREAS WITH MULCH OR EROSION CONTROL BLANKET IN AREAS OF SHEET OR CONCENTRATED Sediment build—up to one half the height of the barrier. (FOR USE AROUND STAGING/ ACCESS AREAS) SPILLWAY LOW FLOW SPILLWAY
FIFV 20 77 ELEV. 29.60 Undermining of the barrier. Supporting stakes loose, toppled, TOP OF SPILLWAY SCHEDULE SEEDING OR SODDING TO AVOID FAILURE DUE TO SUMMER DROUGHT AND FALL FROST. NEWLY SEEDED or unmarked. Breaks in barrier. AREAS SHOULD BE PROTECTED FROM VEHICLE TRAFFIC, PEDESTRIAN TRAFFIC AND CONCENTRATED RUNOFF UNTIL THE Discharge is to stabilized area. Erosion or breaks in barrier. Perimeter Diversion VEGETATION IS WELL ESTABLISHED. AREAS MUST BE REWORKED AND RESTABILIZED IF GERMINATION IS SPARSE OR Supporting stakes loose, toppled or unmarked. SURFACE EROSION IS EVIDENT. Sediment build—up and structure blockages. Slow K. DITCH LININGS AND RIPRAP INLET AND OUTLET PROTECTION SHALL BE INSTALLED WITHIN 48 HOURS OF COMPLETING flow/Ponding water. Breaks in fabric or voids in barrier. THE GRADING OF THAT SECTION OF DITCH OR INSTALLATION OF THE CULVERT. Breaks in fabric or supporting structure. Slow flow, indicating L. EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL PERMANENT SLOPES STEEPER THAN 3:1, IN THE BASE OF CONSTRUCTION BASELINE high sediment build-up. DITCHES AND ANY DISTURBED AREAS WITHIN 100 FEET OF A PROTECTED NATURAL RESOURCE (WETLANDS AND WATER STA .0+62 Construction Entrance Sedimentation of roadways. Off-site dust complaints. RESOURCES). EROSION CONTROL BLANKET SHALL BE NORTH AMERICAN GREEN S150BN OR APPROVED EQUAL. EROSION CONTROL BLANKET SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. RESET PEDESTRIAN -M. THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL TEMPORARY EROSION CONTROL MEASURE UPON STABILIZATION OF PROJECT AREA & COST SHALL BE INCIDENTAL TO CONTRACT. 20' x 25' x 5" BLANKET A. WINTER CONSTRUCTION IS CONSTRUCTION ACTIVITY PERFORMED DURING THE PERIOD FROM NOVEMBER 1 THROUGH APRIL SET_IN MORTAR 3/4" TO 1-1/2" STONE 1. IF AREAS WITHIN THE CONSTRUCTION AREA ARE NOT STABILIZED WITH TEMPORARY OR PERMANENT MEASURES OUTLINED ABOVE BY NOVEMBER 15 THEN THE SITE MUST BE PROTECTED WITH ADDITIONAL STABILIZATION MEASURES THAT ARE SPECIFIC TO WINTER CONDITIONS. FILTER BAG -GOOD HOUSEKEEPING AND POLLUTION PREVENTION A. SPILL PREVENTION CONTROLS MUST BE USED TO PREVENT POLLUTANTS FROM BEING DISCHARGED FROM MATERIALS ON SITE, INCLUDING STORAGE PRACTICES TO MINIMIZE EXPOSURE OF THE MATERIALS TO STORMWATER RUNOFF AND DIRTY WATER FROM PUMP-APPROPRIATE SPILL PREVENTION, CONTAINMENT AND RESPONSE PLANNING AND IMPLEMENTATION. 1/8 BEND -B. DURING CONSTRUCTION, PETROLEUM PRODUCTS AND OTHER HAZARDOUS MATERIALS WITH THE POTENTIAL TO CONCRETE DIVERSION CONTAMINATE GROUND OR SURFACE WATERS MAY NOT BE STORED OR HANDLED IN AREAS OF THE SITE DRAINING TO OPENING & STRAP INFILTRATION AREAS. AN 'INFILTRATION AREA" IS ANY ARE OF THE SITE THAT BY DESIGN, OR AS A RESULTS OF SOIL AND TOPOGRAPHY. ACCUMULATES RUNOFF THAT INFILTRATES IN THE SOIL. DIKES, BERMS, SUMPS AND OTHER FORMS CLOSURE FOR UP TO 4" OF TEMPORARY SECONDARY CONTAINMENT THAT PREVENT DISCHARGE TO GROUNDWATER MAY BE USED TO ISOLATE PORTIONS OF THE SITE FOR THE PURPOSES OF STORAGE AND HANDLING OF THESE MATERIALS. C. LOCATE ALL MATERIAL STOCKPILES WITH CONSIDERATION FOR STORMWATER DRAINAGE PATTERNS AND INFRASTRUCTURE 10'± D. TAKE ALL REASONABLE MEASURES TO MINIMIZE DUST RESULTING FROM THE PROJECT. OIL MAY NOT BE USED FOR 50' TO SILT FENCE OR BARRIER, E. LOCATE ALL LITTER, CONSTRUCTION DEBRIS AND CONSTRUCTION CHEMICALS WITH CONSIDERATION FOR STORMWATER PUMP DISCHARGE MONUMENT_ DRAINAGE PATTERNS AND INFRASTRUCTURE. HOSE (4" MAX) BEYOND STONE - 6" THICK STONE F. TRENCH OR FOUNDATION DE-WATERING MUST BE SPREAD THROUGH SUFFICIENT NATURAL BUFFERS THAT HAVE BLANKET CAPACITY TO INFILTRATE THE PUMPED WATER OR SHOULD BE PUMPED TO DESIGNED CONSTRUCTION DEWATERING DEVICES AS DESCRIBED IN THE MAINE EROSION AND SEDIMENT CONTROL BMPS HANDBOOK. G. SEDIMENTS AND SOIL MATERIALS SHOULD BE SWEPT FROM PAVED SURFACES AT THE END OF EACH WORKDAY OR LINSTALI'S RAILING ALONG INSTÀLL SILT B DIVERSION CHAMBER PRIOR TO RAIN EVENTS, WHENEVER POSSIBLE. FENCE, L=35' C-5 (SEE STRUCTURAL L-SLABS-(TYP.) SHEET FOR DETAILS) INSPECTION AND MAINTENANCE GEOTEXTILE FABRIC • LEDGE UNDER STONE FOR EASE A. A PERSON WITH KNOWLEDGE OF EROSION AND STORMWATER CONTROLS, INCLUDING THE STANDARDS IN THE MAINE GRATING OF REMOVAL INSTALL RAIL (H) CONSTRUCTION GENERAL PERMIT, THE MAINE EROSION AND SEDIMENT CONTROL BMPS HANDBOOK AND ANY MUNICIPAL BARRIER, L=42'C-5 REQUIREMENTS MUST CONDUCT THE INSPECTION. THIS PERSON MUST BE IDENTIFIED IN THE INSPECTION LOG. IF ADDITIONAL BMPS OR MODIFICATIONS TO BMPS ARE NECESSARY, THE MODIFICATIONS MUST BE IMPLEMENTED WITH 7 CALENDAR DAYS OR PRIOR TO ANY PRECIPITATION EVENT. ALL MEASURES MUST BE MAINTAINED IN EFFECTIVE FINISH GRADE OR -OPERATING CONDITION UNTIL AREAS ARE PERMANENTLY STABILIZED. UNDISTURBED GROUND B. AN INSPECTION AND MAINTENANCE LOG MUST BE KEPT BY THE CONTRACTOR, SUMMARIZING THE SCOPE OF THE RESET 4' HIGH C INSPECTION, DATE, AND MAJOR OBSERVATIONS RELATING TO THE OPERATION OF EROSION AND SEDIMENT CONTROL PUMPED DISCHARGE SEDIMENT CONTROL DEVICE BMPS, MATERIAL STORAGE AREAS, AND VEHICLE ACCESS POINTS TO THE CONSTRUCTION AREA. THE INSPECTION LOG FENCE & GATE, SHOULD BE DELIVERED TO THE PROPERTY OWNER OR RESPONSIBLE CONTRACTING ENTITY UPON COMPLETION OF THE N.T.S. RECORD DRAWING INFORMATION TAKEN FROM PLAN ENTITLED "PROPOSED MODIFICATIONS TO CAPISIC POND DAM & CSO 36 DIVERSION CHAMBER, SITE LAYOUT PLAN (C-4)" BY DELUCA-HOFFMAN ASSOCIATES, INC DATED 11/2/01. THIS PLAN INCLUDED FOR REFERENCE PURPOSES ONLY. CAPISIC DAM RECORD DRAWING FOR REFERENCE PURPOSES DRAIN, MDOT 703.24 GROUND ROAD PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP's), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED AS WELL AS REMOVING ANY PROTRUDING ROCKS, STUMPS OR ROOTS. DURING THE GROWING SEASON (APRIL 15- SEPTEMBER 15) USE RECP'S ON THE BASE OF GRASSED WATERWAYS, SOIL SLOPES HAVING A GRADE GREATER THAT 15%, OR ANYWHERE WHERE HAY MULCH HAS PROVEN TO BE INEFFECTIVE AT CONTROLLING SHEET EROSION. RECP'S ARE A MANUFACTURED COMBINATION OF MULCH AND NETTING DESIGNED TO PREVENT EROSION AND RETAIN SOIL MOISTURE. FOR OVER WINTER PROTECTION, APPLY RECP'S ON THE BASE AND SIDE SLOPES OF GRASSED WATERWAYS AND ON SLOPES STEEPER THAN AN 6" MIN. / MOUNTABLE STONE BERM BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP'S IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF RECP'S EXTENDED BEYOND THE WOVEN GEOTEXTILE-UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP'S WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. **PROFILE** BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. SECURE RECP'S OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE RECP's. CONSTRUCTION ENTRANCES MAY BE RELOCATED AS CONSTRUCTION PROGRESSES. ROLL THE RECP'S (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. RECP'S WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP'S MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN . WHEEL WASH PITS MAY ALSO BE USED, IF APPROVED. GUIDE. WHEN USING THE DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE MAINTENANCE: INSPECT FOR EFFECTIVE REMOVAL OF SOIL STAPLE PATTERN. FROM VEHICLES PRIOR TO LEAVING THE SITE. SWEEP ANY SOIL FROM ADJACENT ROADWAYS. 4. THE EDGES OF PARALLEL RECP'S MUST BE STAPLED WITH APPROXIMATELY 2" - 5" OVERLAP DEPENDING ON RECP'S TYPE. OB NO.: 225672.15 ATF: DECEMBER 2013 AT LEAST ONE CONSTRUCTION ENTRANCE CONSECUTIVE RECP'S SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH SHALL BE MAINTAINED UNTIL ALL AREAS OF THE SITE ARE STABILIZED. OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE RECP'S WIDTH. NOTE: *IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS CALF: AS NOTED GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE RECP's. 8 OF 9 UNTIL GRASS IS ABUNDANT, INSPECT PERIODICALLY AND AFTER EACH RAINSTORM TO CHECK FOR EROSION. IMMEDIATELY REPAIR AND ADD MORE MULCH UNTIL STABILIZED CONSTRUCTION GRASSES ARE FIRMLY ESTABLISHED. DO NOT MOW THE FIRST YEAR. **ENTRANCE DETAIL** ROLLED EROSION CONTROL MATTING PERMIT REVIEW SET — NOT FOR CONSTRUCTION N.T.S.

