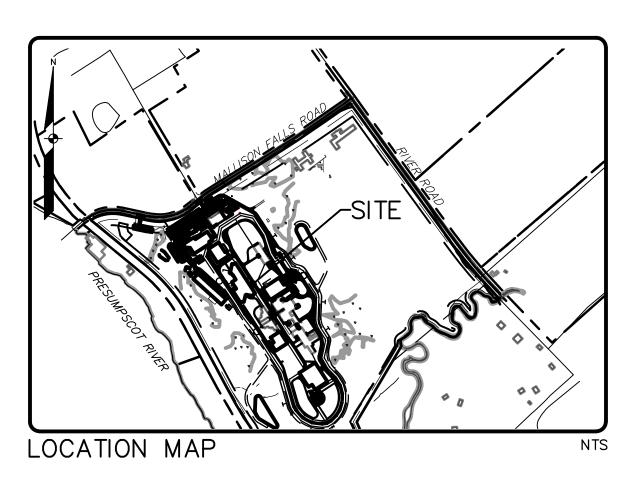
MAINE CORRECTIONAL CENTER

MAINE CORRECTIONAL CENTER, 17 MALLISON FALLS ROAD WINDHAM, MAINE 04062





PLANNING BOARD

<u>APPLICANT:</u>

STATE OF MAINE, DEPT. OF CORRECTIONS

MAINE CORRECTIONAL

CENTER, 17 MALLISON FALLS

ROAD

WINDHAM, MAINE 04062

ENGINEER/SURVEYOR/ LANDSCAPE ARCHITECT:



PROJECT ARCHITECT:

SMRT

144 FORE STREET P.O. BOX 618 PORTLAND, MAINE 04104

CONSTRUCTION MANAGER:

CIANBRO

101 CIANBRO SQUARE PITTSFIELD, ME 04967

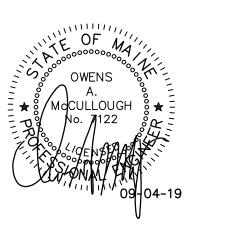
VICINITY PLAN SCALE: 1" = 200'

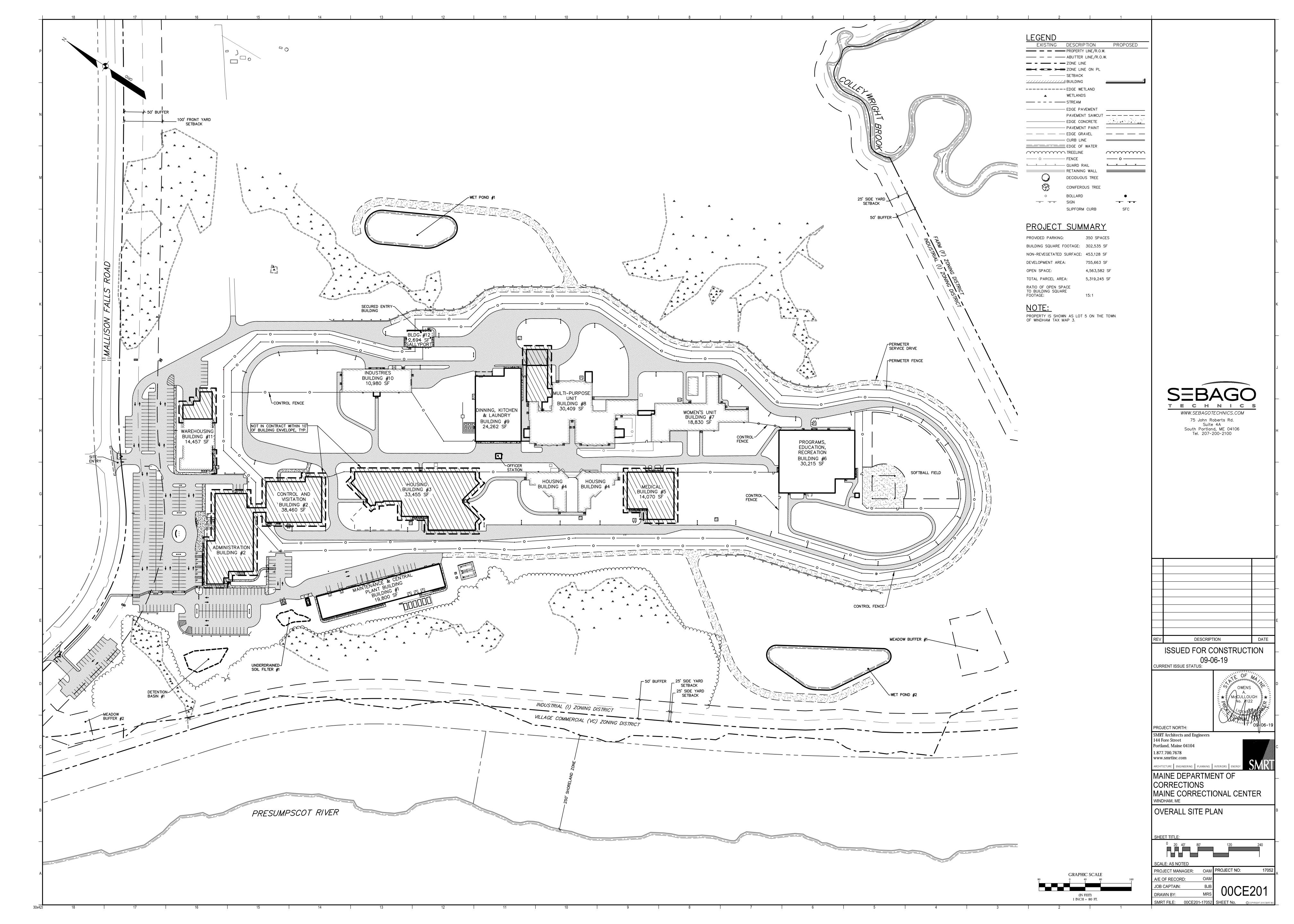
Sheet List Table Sheet Number Sheet Title 00CE001 COVER SHEET 00CE002 EXISTING CONDITIONS PLAN 00CE003 EXISTING CONDITIONS PLAN 00CE004 GENERAL NOTES & LEGEND 00CE201 OVERALL SITE PLAN 00CE202 SITE PLAN - SHEET 1 00CE203 SITE PLAN - SHEET 2 00CE204 SITE PLAN - SHEET 3 SITE PLAN - SHEET 4 00CE205 00CE206 SITE PLAN - SHEET 5 00CE207 SITE PLAN - SHEET 6 00CE208 SITE PLAN - SHEET 7 00CE209 SITE PLAN - SHEET 8 00CE210 SITE PLAN - SHEET 9 00CE301 OVERALL GRADING PLAN 00CE302 GRADING PLAN - SHEET 1 00CE303 GRADING PLAN - SHEET 2 00CE304 GRADING PLAN - SHEET 3

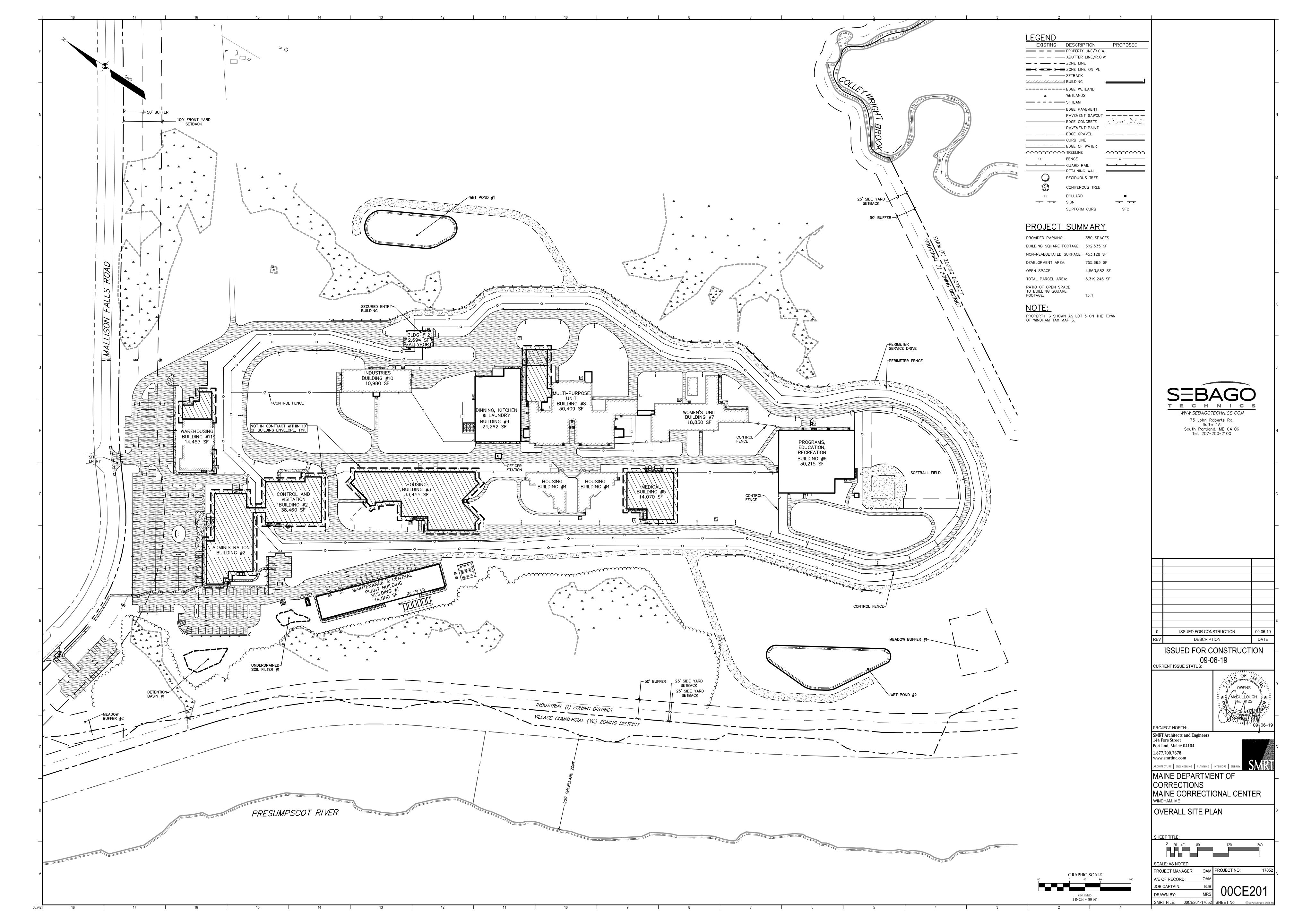
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00CE701	PRE DEVELOPMENT WATERSHED PLAN
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00CE703	STORMWATER REDEVELOPMENT CALCULATION TABLES
00CE704	STORMWATER TREATMENT PLAN







GENERAL NOTES

- PLAN ORIENTATION IS GRID NORTH, MAINE STATE PLANE COORDINATE SYSTEM, WEST ZONE 1802-NAD83, ELEVATIONS DEPICTED HEREON ARE NAVD88, BASED ON DUAL FREQUENCY GPS OBSERVATIONS.
- THE PROPERTY IS SHOWN AS LOT 5 ON THE TOWN OF WINDHAM TAX MAP 3 AND IS LOCATED IN THE INDUSTRIAL (I) DISTRICT.
- SPACE AND BULK CRITERIA FOR THE INDUSTRIAL (I) DISTRICT ARE AS FOLLOWS:

20,000 SQ.FT. MINIMUM LOT SIZE: MINIMUM STREET FRONTAGE:

MINIMUM FRONT YARD: MINIMUM SIDE YARD: MINIMUM REAR YARD: MAXIMUM BUILDING HEIGHT:

MAXIMUM BUILDING COVERAGE: *NONE

* SEE ORDINANCE FOR MORE PARTICULAR INFORMATION. ZONING DISTRICT BOUNDARY BUFFER IS SHOWN FROM ALL PROPERTY LINES THAT ABUT A RESIDENTIAL ZONING DISTRICTS.

- 4. UTILITY INFORMATION DEPICTED HEREON IS COMPILED USING PHYSICAL EVIDENCE LOCATED IN THE FIELD AND UTILITY DELINEATION AS MARKED BY DIG-SMART OF MAINE. UTILITIES DEPICTED HEREON MAY NOT NECESSARILY REPRESENT ALL EXISTING UTILITIES. CONTRACTORS SHALL CONTACT DIG-SAFE SYSTEMS, INC. (1-888-DIG-SAFE) AND FIELD VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION AND/OR
- 5. A BOUNDARY SURVEY WAS PERFORMED ON NOVEMBER 27, 2018 BY SEBAGO TECHNICS, INC.
- 6. A WETLAND DELINEATION WAS PERFORMED ON THIS PROJECT SITE IN THE FALL OF 2017 BY GARY M. FULLERTON, CERTIFIED SOIL SCIENTIST OF SEBAGO TECHNICS, INC. THIS DELINEATION CONFORMS TO THE STANDARDS AND METHODS OUTLINED IN THE 1987 WETLANDS DELINEATION MANUAL AND NORTHEAST REGIONAL SUPPLEMENT AUTHORED AND PUBLISHED BY THE U.S. ARMY CORPS OF ENGINEERS. ALL WETLAND FLAGS WERE LOCATED USING GLOBAL POSITIONING SYSTEMS (GPS) TECHNOLOGY CAPABLE OF
- 7. THE PROPOSED DEVELOPMENT WILL BE SERVED BY PUBLIC WATER, SEWER AND UNDERGROUND ELECTRIC AND TELECOMMUNICATION.
- 8. AN APPROVED SET OF PLANS AND ALL APPLICABLE PERMITS MUST BE AVAILABLE AT THE CONSTRUCTION SITE. THE DEVELOPER, OR AN AUTHORIZED AGENT, MUST BE AVAILABLE AT ALL TIMES DURING
- 9. ALL EXISTING CATCH BASINS, MANHOLES, CONNECTIONS, CONDUIT AND PIPING SHALL BE CLEANED AND LEFT IN NEW OPERATING CONDITION AFTER CONSTRUCTION HAS BEEN COMPLETED. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK.
- 10. ALL LAWN AREAS, WALKWAYS, AND DRIVEWAYS OUTSIDE THE WORK AREA, DAMAGED BY THE CONTRACTOR, SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE.
- 11. EXISTING PAVEMENT SHALL BE SAW CUT AND BUTTED TO THE NEW PAVEMENT. NO FEATHERING OF PAVEMENT WILL BE PERMITTED. 12. EXISTING DRAINAGE STRUCTURES SHALL NOT BE DISTURBED UNLESS OTHERWISE NOTED IN THE DRAWINGS
- 13. THE CONTRACTOR IS REQUIRED TO PROVIDE A SECURE PROJECT WORK AREA. ALL PIPE TRENCH EXCAVATIONS SHALL BE BACKFILLED AND "CLOSED" DURING CONTRACTOR NON-WORKING HOURS INCLUDING NIGHTS. HOLIDAYS AND WEEKENDS. THE CONTRACTOR MAY REQUEST IN WRITING TO THE ENGINEER AND OWNER TO SECURE OPEN EXCAVATION IN LIEU OF BACKFILLED AND "CLOSED." NOT ALLOWING A SECURE OPEN EXCAVATION SHALL NOT BE A BASIS FOR CLAIMS AGAINST THE OWNER.
- 14. CONTRACTOR SHALL COMPLETE WORK SPECIFIED ON EACH PLAN AND SHALL COORDINATE WORK WITH ENTIRE PROJECT PLAN SET.
- MDEP PRIOR PERMITS
- A. L-015483-26-A-N
- B. L-015483-26-B-M C. L-15483-26-F-A/L-15483-TA-G-N

OR APPROVED BY THE ENGINEER.

- D. L-15483-26-H-B
- E. L-15483-26-F-A/L-15483-TA-G-N

G. L-15483-TB-J-N

- F. L-15483-26-I-A
- H. NAE-2019-01109 (USACE) 16. INSPECTION AND MAINTENANCE:
- A. INSPECT DISTURBED AND IMPERVIOUS AREAS, EROSION AND STORM WATER 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 AND BEFORE AND AFTER A STORM EVENT, PRIOR TO COMPLETION OF PERMANENT STABILIZATION. A PERSON WITH KNOWLEDGE OF EROSION AND STORM WATER 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.
- B. 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 INSPECTION. FOLLOW-UP TO CORRECT DEFICIENCIES OR ENHANCE CONTROLS MUST ALSO BE INDICATED IN THE LOG AND DATED, INCLUDING WHAT ACTION WAS TAKEN
- 17. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER TO DEVELOP DETAILED SECURITY AND CONSTRUCTION SEQUENCING PLAN. THE EXISTING PRISON WILL REMAIN ACTIVE AND REQUIRE THE CONTRACTOR TO SECURE EACH WORK AREA IN ACCORDANCE WITH REQUIREMENTS AND DIRECTIONS GIVEN BY THE MAINE DEPARTMENT OF CORRECTIONS. IN ADDITION, THE UTILITY INFRASTRUCTURE SHOWN IS PRELIMINARY AND PART OF AN ONGOING PLANNING AND DESIGN PROCESS FOR THE ENTIRE PRISON. AS SUCH, PRIOR TO ORDERING ANY UTILITY MATERIALS AND ANY UTILITY INSTALLATION, THE CONTRACTOR SHALL HOLD A UTILITY COORDINATION MEETING TO VERIFY SIZES, LOCATIONS, BUILDING ENTRANCES AND GENERAL REQUIRMENTS. ADDITIONALLY, THE GRADING SHOWN IS ALSO PART OF AN INTEGRAL OVERALL FACILITY PLAN. THE CONTRACTOR SHALL COORDINATE WORK TO PROVIDE TEMPORARY DRAINAGE AND DEWATERING OF THE PROJECT SITE. THE PURPOSE OF THESE PLANS IS TO PROVIDE THE GENERAL INTENT OF THE SITE CONSTRUCTION IN THE IMMEDIATE AREA OF PROPOSED BUILDINGS. WORK MAY BE MODIFIED DURING CONSTRUCTION TO ACCOMMODATE THE OVERALL PROJECT REQUIREMENTS AS THE FULL FACILITY DESIGN IS DEVELOPED AND REFINED. THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT (PROVIDED UNDER SEPARATE COVER) FOR GENERAL SUBSURFACE CONDITIONS. GIVEN THE AGE OF THE SITE, EXISTING UTILITIES WILL BE ENCOUNTERED (SOME THAT ARE MARKED AND SOME THAT ARE NOT). CONTRACTOR SHALL COORDINATE WITH THE DEPARTMENT OF CORRECTIONS PRIOR TO AND DURING CONSTRUCTION TO REVIEW PROBABLE EXISTING UTILITIES. PROVIDE TEMPORARY SERVICES AS NEEDED TOGETHER WITH REMOVAL/ABANDONMENT OF THE UTILITIES.
- 19. A QUALIFIED THIRD-PARTY INSPECTOR HIRED BY THE OWNER SHALL, ON OR BY MAY 1 OF EACH YEAR, PROVIDE A COMPLETED AND SIGNED CERTIFICATION TO THE ENFORCEMENT AUTHORITY IN A FORM IDENTICAL TO APPENDIX 1 OF THE TOWN OF WINDHAM'S POST CONSTRUCTION STOMWATER ORDINANCE CERTIFYING THAT THE STORMWATER FACILITIES HAVE BEEN ADEQUATELY MAINTAINED OR THAT THEY REQUIRE MAINTENANCE OR REPAIR. IF THE STORMWATER FACILITIES NEED MAINTENANCE OF REPAIR THE THIRD-PARTY INSPECTOR SHALL PROVIDE A RECORD OF THE REQUIRED MAINTENANCE AND CORRECTIVE

GRADING & GEOTECHNICAL REPORT NOTES

18. DEMOLITION TO BE COORDINATED WITH OWNER BY CIANBRO, INC.

- SIDESLOPES SHALL NOT BE STEEPER THAN 3:1 (H:V) EXCEPT AS OTHERWISE IDENTIFIED ON THIS PLAN. ALL SIDESLOPES STEEPER THAN 3:1 (H: V) SHALL BE LINED WITH EROSION CONTROL BLANKET, OR ADDITIONAL MEASURES AS INDICATED.
- ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH "MAINE EROSION AND SEDIMENT CONTROL BMPS" MANUAL PUBLISHED BY BUREAU OF LAND AND WATER QUALITY MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, LATEST EDITION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO POSSESS A COPY OF THE EROSION CONTROL PLAN AT ALL TIMES. REFER TO DETAIL EROSION CONTROL PLAN AND NOTES.
- 3. ALL AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE LOAM AND SEED PER DETAIL.
- 4. BUILDING TO BE CONSTRUCTED WITH MINIMUM 6" BETWEEN FINISH FLOOR AND PROPOSED EXTERIOR GRADE EXCEPT AT ENTRANCES. COORDINATE WITH BUILDING DRAWINGS.
- 5. REFER TO UTILITY DRAWINGS FOR STORM DRAINAGE PIPE AND STRUCTURE DATA.
- BORINGS SHOWN ARE REFERENCED FROM A DESIGN REPORT, 13-0876.2 S DATED DECEMBER 14, 2014, PRELIMINARY GEOTECHNICAL SERVICES, PROPOSED MAINE CORRECTIONAL CENTER, RIVER ROAD AND MALLISON FALLS ROAD, WINDHAM, MAINE. PREPARED BY S.W. COLE ENGINEERING SERVICES, INC. BY TIMOTHY J. BOYCE, GEOTECHNICAL ENGINEER, MAINE PE #9263. THE REPORT ALSO INCLUDES SUBSURFACE DATA AND NARRATIVE OF THE FINDINGS AND RECOMMENDATIONS.

TRAFFIC NOTES

- 1. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN A SAFE MANNER AT ALL TIMES DURING CONSTRUCTION. THE MOST CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) MANUAL FOR BOTH WORK ZONE AND TRAFFIC CONTROL REQUIREMENTS SHALL APPLY
- CONTRACTOR SHALL MAINTAIN SAFE AND PASSABLE DRIVEWAY ACCESS AT ALL TIMES. TEMPORARY
- INTERRUPTIONS MAY BE ALLOWED WITH PROPERTY OWNER AUTHORIZATION. 3. CONTRACTOR IS RESPONSIBLE FOR INVENTORYING ALL SIGNS, MAILBOXES, STONE WALLS, ETC. PRIOR TO
- CONSTRUCTION AND SHALL RESTORE ALL FEATURES TO PRE-CONSTRUCTION CONDITION. 4. EMERGENCY VEHICLE ACCESS EGRESS MUST BE MAINTAINED AT ALL TIMES.

CONSTRUCTION NOTES

PROCEEDING WITH ANY RELOCATION.

FROM THE TOWN AS APPLICABLE.

- 1. ALL WORK SHALL CONFORM TO THE APPLICABLE CODES AND ORDINANCES.
- 2. 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.
- 3. CONTRACTOR SHALL NOTIFY ENGINEER OF ALL PRODUCTS OR ITEMS NOTED AS "EXISTING" WHICH ARE NOT FOUND IN THE FIELD.
- 4. INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND OWNER'S REQUIREMENTS UNLESS SPECIFICALLY OTHERWISE INDICATED OR WHERE LOCAL CODES OR
- 5. 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
- 6. CONTRACTOR SHALL CLEAN AND REMOVE DEBRIS AND SEDIMENT DEPOSITED ON PUBLIC STREETS, SIDEWALKS, ADJACENT AREAS, OR OTHER PUBLIC WAYS DUE TO CONSTRUCTION.
- 7. 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.
- 8. SITE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO CONSTRUCTION. 9. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH "MAINE EROSION AND SEDIMENT CONTROL BMPS" PUBLISHED BY THE BUREAU OF LAND AND WATER QUALITY OF
- HE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, OCTOBER 2016 OR LATEST EDITION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO POSSESS A COPY OF THE EROSION CONTROL PLAN AT ALL 10. THE CONTRACTOR IS HEREBY CAUTIONED THAT ALL SITE FEATURES SHOWN HEREON ARE BASED ON FIELD

OBSERVATIONS BY THE SURVEYOR AND BY INFORMATION PROVIDED BY UTILITY COMPANIES. THE

OF EXCAVATION OR DEMOLITION TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES. 11. 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

INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT

DIG SAFE (811) AT LEAST THREE (3) BUT NOT MORE THAN THIRTY (30) DAYS PRIOR TO COMMENCEMENT

MAY INCLUDE TOWN OR CITY WATER AND SEWER DISTRICTS AND SMALL LOCAL UTILITIES, AS WELL AS USG

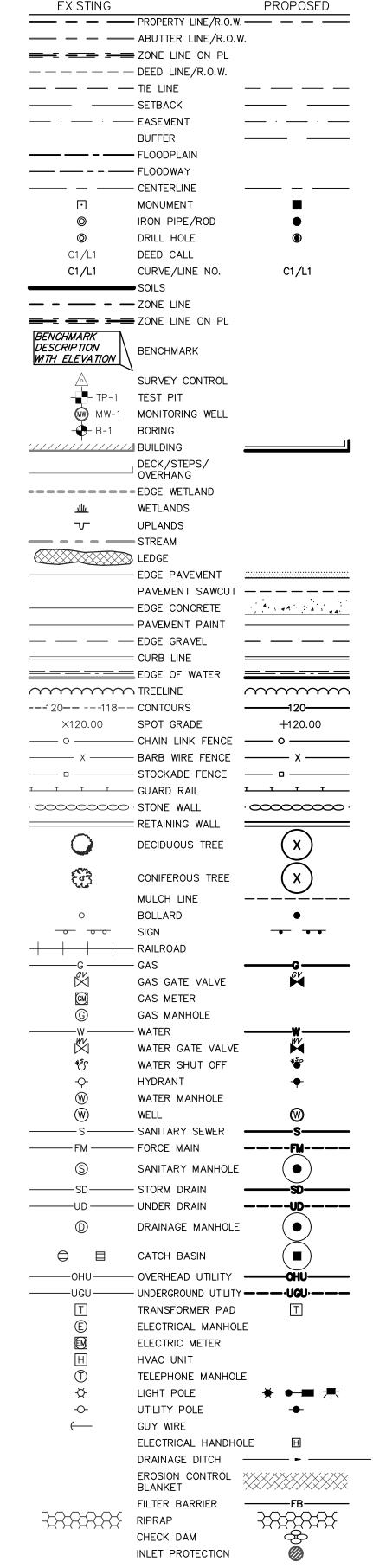
- PUBLIC WORKS SYSTEMS. 12. CONTRACTORS SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE REQUIREMENTS OF 23 MRSA 3360-A. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE APPROPRIATE UTILITIES TO OBTAIN AUTHORIZATION PRIOR TO RELOCATION OF ANY EXISTING UTILITIES WHICH CONFLICT WITH 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
- 13. ALL PAVEMENT MARKINGS AND DIRECTIONAL SIGNAGE SHOWN ON THE PLAN SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS.
- 14. ALL PAVEMENT JOINTS SHALL BE SAWCUT PRIOR TO PAVING TO PROVIDE A DURABLE AND UNIFORM JOINT. 15. NO HOLES, TRENCHES OR STRUCTURES SHALL BE LEFT OPEN OVERNIGHT IN ANY EXCAVATION ACCESSIBLE
- TO THE PUBLIC OR IN PUBLIC RIGHTS-OF-WAY. 16. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL REQUIRE A M.D.O.T. PERMIT AS WELL AS PERMITS
- 17. THE PROPOSED LIMITS OF CLEARING SHOWN HEREON ARE APPROXIMATE BASED UPON THE PROPOSED LIMITS OF SITE GRADING. THE APPLICANT RESERVES THE RIGHT TO PERFORM NORMAL FOREST MANAGEMENT ACTIVITIES OUTSIDE OF THE CLEARING LIMIT AS SHOWN. TREE REMOVAL OUTSIDE OF THE LIMITS OF CLEARING MAY BE NECESSARY TO REMOVE DEAD OR DYING TREES OR TREE LIMBS. THIS REMOVAL IS DUE TO POTENTIAL SAFETY HAZARDS AND TO PROMOTE PROPER FOREST GROWTH.
- 18. IMMEDIATELY UPON COMPLETION OF CUTS/FILLS, THE CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH EROSION CONTROL NOTES AND AS SPECIFIED ON PLANS
- 19. 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
- 20. ALL WORK PERFORMED BY THE GENERAL CONTRACTOR AND/OR TRADE SUBCONTRACTOR SHALL CONFORM) THE REQUIREMENTS OF LOCAL, STATE OR FEDERAL LAWS, AS WELL AS ANY OTHER GOVERNING REQUIREMENTS, WHETHER OR NOT SPECIFIED ON THE DRAWINGS.
- 21. 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.
- 22. THE GENERAL CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION FOR THE WORK UNTIL TURNED
- 23. 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.
- 24. THE CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ANY CHANGES AND DEVIATION OF APPROVED PLANS NOT AUTHORIZED BY THE ARCHITECT/ENGINEER AND/OR CLIENT/OWNER.
- 25. DETAILS ARE INTENDED TO SHOW END RESULT OF DESIGN. ANY MODIFICATION TO SUIT FIELD DIMENSION AND CONDITION SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ANY WORK.
- 26. 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
- 27. ALL SUBSURFACE UTILITY LINES SHOWN HEREON ARE BASED SOLELY ON THE FIELD LOCATION OF VISIBLE STRUCTURES, SMH'S, CB'S, HYDRANTS, ETC.. IN CONJUNCTION WITH DESIGN AND OR AS-BUILT PLANS SUPPLIED TO SEBAGO TECHNICS INC. BY OTHERS. PRIOR TO ANY CONSTRUCTION, EXCAVATION, TEST BORINGS, DRILLING, ETC.. DIG SAFE MUST BE NOTIFIED AND A SITE IDENTIFICATION NUMBER ALONG WITH A SAFE TO DIG DATE OBTAINED. THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE LOCATION, DEPTH AND MATERIAL OF ALL SUBSURFACE UTILITY LINES SHOWN HEREON AND ANY AND ALL OTHERS LOCATED ON SITE WITHIN THE CONSTRUCTION AREA.

UTILITY NOTES

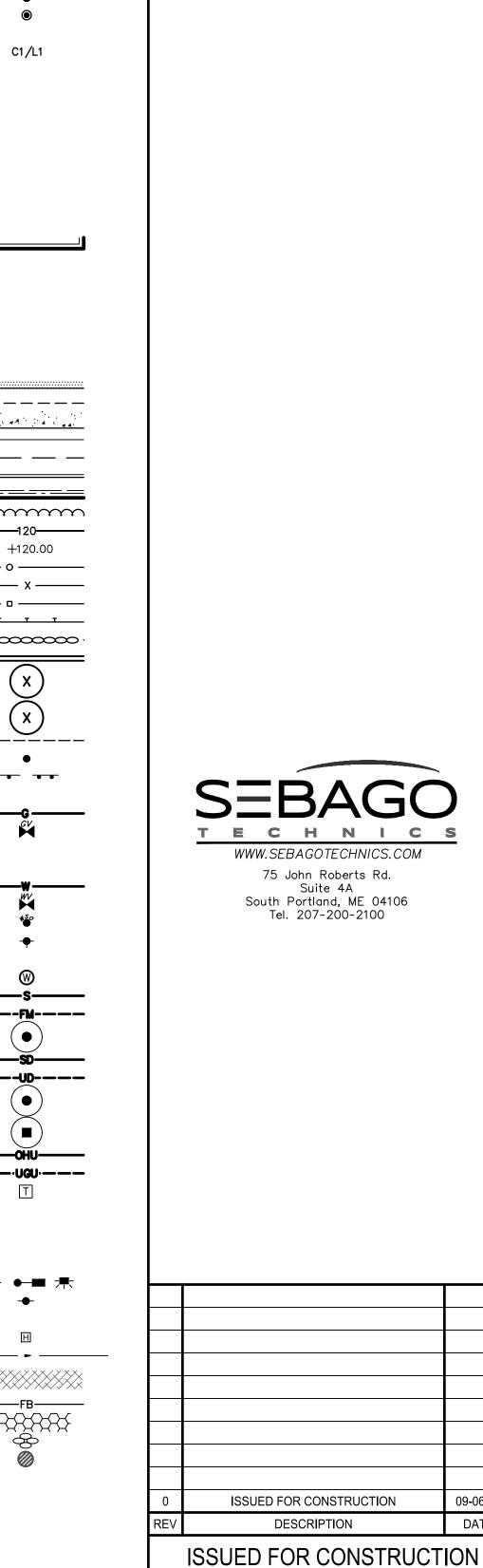
- 1. UTILITIES DEPICTED HEREON MAY NOT NECESSARILY REPRESENT ALL EXISTING UTILITIES. CONTRACTORS AND/OR DESIGNERS NEED TO CONTACT DIG-SAFE SYSTEMS, INC. (1-888-DIG-SAFE) AND FIELD VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION AND/OR EXCAVATION.
- 2. ALL GRAVITY CONDUIT PIPES SHALL BE INSTALLED USING A PIPE LASER AND TARGET SYSTEM THROUGH THE PIPE. ON PIPE RUNS 50 FEET OR LESS, THE CONTRACTOR SHALL REQUEST ENGINEER'S APPROVAL TO USE A GROUND LASER.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK BETWEEN DIFFERENT UTILITIES IN CLOSE PROXIMITY. THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER OF ANY DEVIATION FROM THE
- 4. MAINTAIN MINIMUM 5'-6" OF COVER ABOVE TOP OF WATER SERVICE PIPE.
- 5. MAINTAIN MINIMUM 10 FEET HORIZONTAL SEPARATION BETWEEN WATER SERVICES AND OTHER UTILITIES. MAINTAIN MINIMUM 12 INCHES VERTICAL SEPARATION BETWEEN WATER SERVICES AND OTHER UTILITIES.
- 6. LOWER WATER SERVICES AS REQUIRED TO MAINTAIN MINIMUM 12 INCH VERTICAL SEPARATION FROM OTHER UTILITIES. WATER SERVICES CROSSING SEWERS SHALL BE PROVIDE 12 INCH MINIMUM SEPARATION BETWEEN THE BOTTOM OF WATER LINE AND TOP OF SEWER UNLESS NOTED OTHERWISE ON THE PLANS.
- SEWER PIPE SHALL BE SDR 35 PVC OR APPROVED EQUAL.
- APPROVED EQUAL UNLESS NOTED OTHERWISE ON THE UTILITY PLANS. FIRE WATER SERVICE PIPE AND FITTINGS SHALL CONFORM TO MAINE WATER PIPING SPECIFICATIONS. MAIN WATER SERVICE PIPE SHALL BE DUCTILE IRON, CLASS 52 PUSH-ON PIPE MEETING THE REQUIREMENTS OF AWWA/ANSI C-111/A21.11 (LATEST REVISION). PIPE SHALL BE CEMENT-LINED
- AWWA/ANSI C104/A21.4 WITH LINING TWICE THE THICKNESS SPECIFIED, AND COATED TWICE WITH A BITUMINOUS SEAL COATING. INSTALL THRUST BLOCKS AT ALL WATER SERVICE BENDS. DOMESTIC WATER SERVICE (4" OR SMALLER) SHALL BE PVC (SDR-21) PIPE WITH MINIMUM WORKING PRESSURE RATING OF 200 PSI. THE PIPE SHALL CONFORM TO STANDARD ASTM 2241. REFER TO TECHNICAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

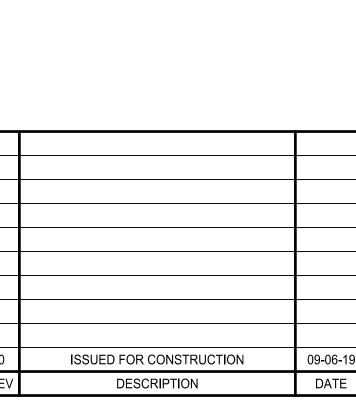
STORMDRAIN SHALL BE ADS N-12 DUAL WALL HDPE PIPE WITH SMOOTH-WALLED INTERIOR OR

- 8. COORDINATE FOUNDATION UNDERDRAIN LOCATIONS WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- 9. COORDINATE UTILITY INVERTS AT BUILDING WITH ARCHITECTURAL, STRUCTURAL AND PLUMBING DRAWINGS.
- 10. COORDINATE LOCATION OF SEWER, WATER AND GAS INVERTS AT THE BUILDING WITH ARCHITECTURAL
- 11. COORDINATE ALL WATER RELATED WORK WITH PORTLAND WATER DISTRICT, WATER SERVICE ENTRANCE DESIGNS TO INCLUDE METERS AND BACKFLOW PREVENTOR TO MEET ALL STANDARDS AND REQUIREMENTS OF THE PORTLAND WATER DISTRICT.
- 12. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY GRADE CHANGES THAT WILL IMPACT STORM DRAINAGE INFRASTRUCTURE OR OTHER UTILITIES.
- 13. UTILITIES WITHIN 5 FEET FROM FACE OF BUILDING SHALL BE COORDINATED WITH RELEVANT M.E.P. DRAWINGS. CONTRACTOR SHALL COORDINATE INVERTS, CONNECTIONS AND MATERIALS WITH ALL DRAWINGS.
- 14. CONTRACTOR OWNS TRENCHING, MATERIALS AND BACKFILL FOR ALL UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR PULLING OF WIRE. CONTRACTOR RESPONSIBLE FOR TIMING AND COORDINATION WITH UTILITIES AND DRAWINGS. COORDINATE WITH ELECTRICAL DRAWINGS FOR CONDUIT SCHEDULE, TYPE AND
- 15. COORDINATE LIGHT POLE AND WALL MOUNTED LIGHT LOCATIONS WITH THE PHOTOMETRIC PLAN AND CONSTRUCTION MANAGER. THE CONTRACTOR SHALL EXTEND SECONDARY ELECTRIC TO ALL LIGHT POLES IN COORDINATE WITH THE CONSTRUCTION MANAGER.
- 16. CONTRACTOR SHALL COORDINATE EXTENTS AND PHASING OF UTILITY LINES TO BUILDINGS WITH THE CONSTRUCTION MANAGER.



LEGEND





Suite 4A

09-06-19 CURRENT ISSUE STATUS: OWENS ★ ⁸ / MdCULLOUGH

PROJECT NORTH: SMRT Architects and Engineers 144 Fore Street Portland, Maine 04104 1.877.700.7678 www.smrtinc.com

ARCHITECTURE ENGINEERING PLANNING INTERIORS ENI MAINE DEPARTMENT OF **CORRECTIONS** MAINE CORRECTIONAL CENTER

GENERAL NOTES & LEGEND

PROJECT MANAGER: JOB CAPTAIN:

SMRT FILE: 00CF004-17052 SHEET No.

