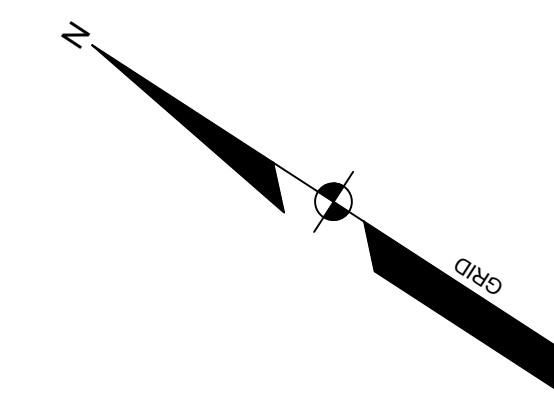


MAINE CORRECTIONAL CENTER

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



APPLICANT:
STATE OF MAINE, DEPT.
OF CORRECTIONS
MAINE CORRECTIONAL CENTER,
17 MALLISON FALLS ROAD
WINDHAM, MAINE 04062

**ENGINEER/SURVEYOR/
LANDSCAPE ARCHITECT:**

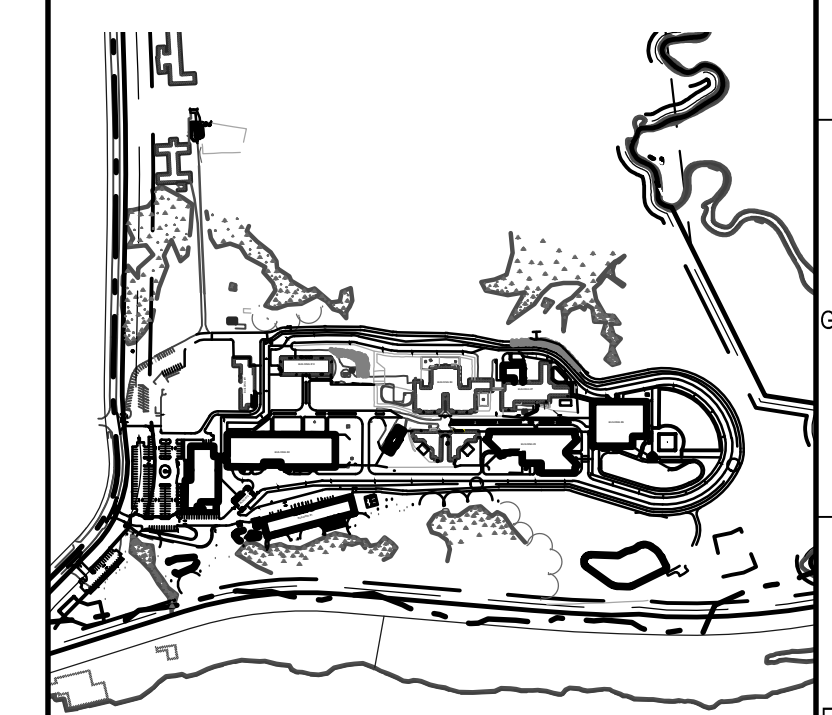
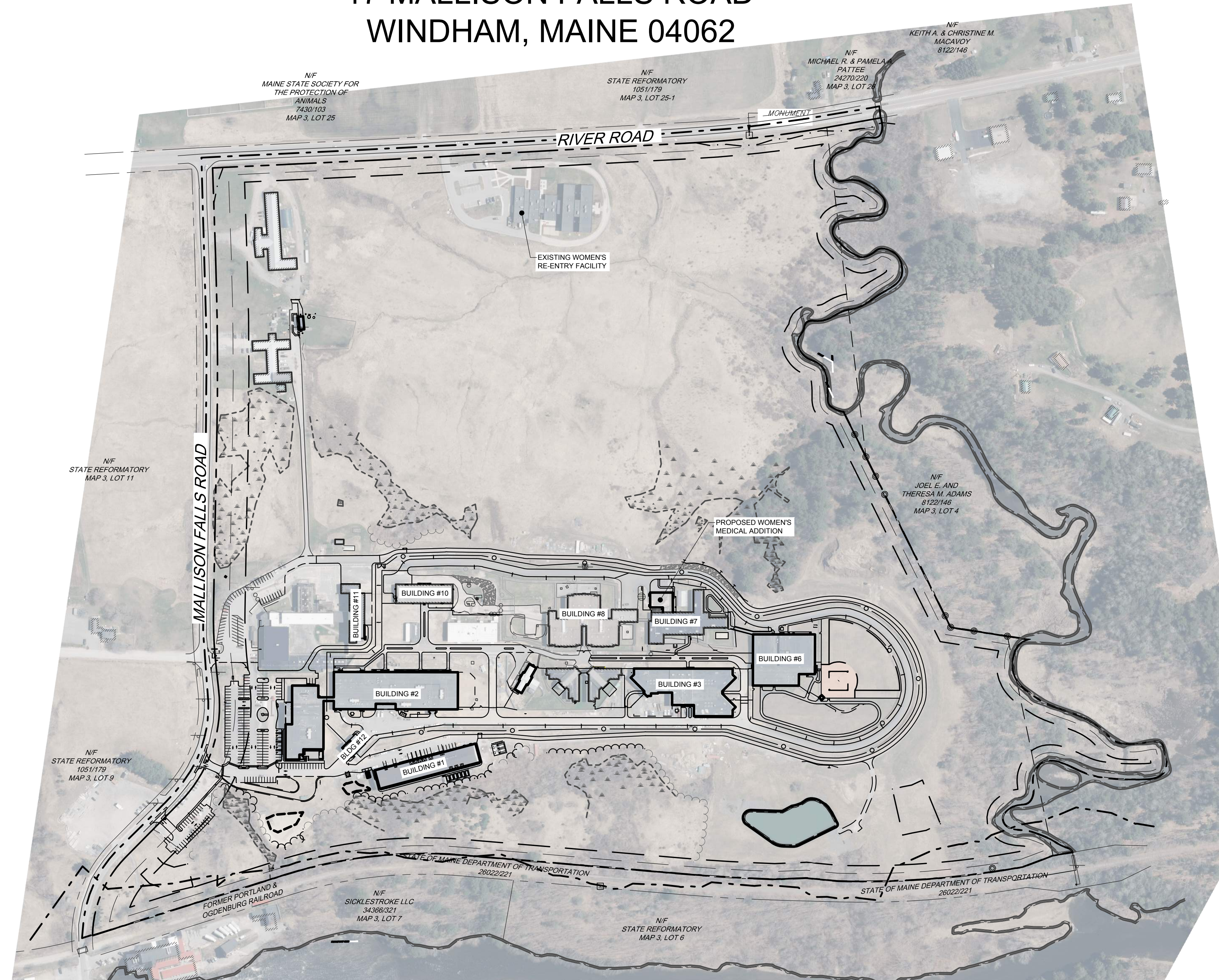


PROJECT ARCHITECT:

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

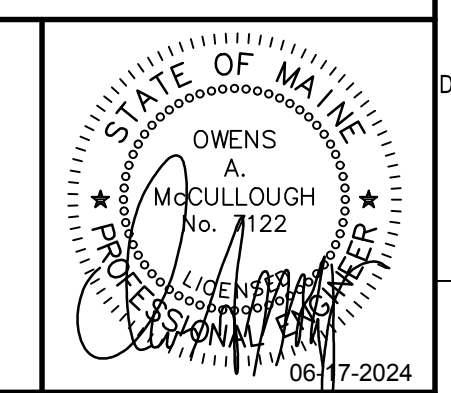
CONSTRUCTION MANAGER:

CIANBRO
101 CIANBRO SQUARE



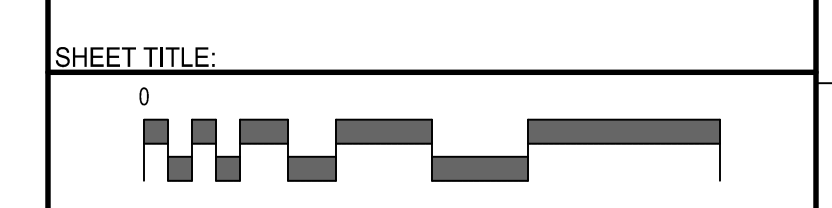
REV	DESCRIPTION	DATE
A	ISSUED FOR TOWN REVIEW	06-17-24

CONDITIONAL USE APPLICATION &
AMENDED SITE PLAN
06-17-24
CURRENT ISSUE STATUS:



MAINE DEPARTMENT OF CORRECTIONS -
WOMEN'S MEDICAL HEALTH ADDITION

MAINE CORRECTIONAL CENTER
WINDHAM, MAINE CIVIL
COVER SHEET



PROJECT MANAGER:	OAM	PROJECT NO.:	17052
A/E OF RECORD:	OAM		
JOB CAPTAIN:	BJB		
DRAWN BY:	BJB		
SMRT FILE:	2.GC000-17052	SHEET NO.:	2.GC000

VICINITY PLAN
SCALE: 1" = 200'

SHEET LIST TABLE

SHEET NUMBER	SHEET TITLE	SHEET NUMBER	SHEET TITLE
2.GC000	COVER SHEET	2.07CE401	UTILITY PLAN
2.GC001	CIVIL GENERAL NOTES & LEGEND	2.07CE402	UTILITY PLAN
2.07CE101	DEMOLITION PLAN	2.07CE501	LANDSCAPE PLAN
2.07CE102	DEMOLITION PLAN	2.GC601	CIVIL EROSION & SEDIMENT CONTROL NOTES
2.07CE201	OVERALL SITE PLAN		
2.07CE202	SITE PLAN	2.GC602	CIVIL EROSION & SEDIMENT CONTROL DETAILS & CIVIL DETAILS
2.07CE203	SITE PLAN		
2.07CE301	GRADING PLAN	2.GC603	CIVIL DETAILS
2.07CE302	GRADING PLAN		

NOT FOR CONSTRUCTION

LEGEND

EXISTING	PROPOSED
PROPERTY LINE/R.O.W.	PROPERTY LINE/R.O.W.
ABUTTER LINE/R.O.W.	ABUTTER LINE/R.O.W.
DEED LINE/R.O.W.	DEED LINE/R.O.W.
TIE LINE	TIE LINE
SETBACK	SETBACK
EASEMENT	EASEMENT
BUFFER	BUFFER
FLOODPLAIN	FLOODPLAIN
FLOODWAY	FLOODWAY
CENTERLINE	CENTERLINE
MONUMENT	MONUMENT
IRON PIPE/ROD	IRON PIPE/ROD
DRILL HOLE	DRILL HOLE
DEED CALL	DEED CALL
C1/L1	C1/L1
C1/L1	C1/L1
SOILS	SOILS
ZONE LINE	ZONE LINE
ZONE LINE ON PL	ZONE LINE ON PL
BENCHMARK	BENCHMARK
DESCRIPTION WITH ELEVATION	DESCRIPTION WITH ELEVATION
BENCHMARK	BENCHMARK
SURVEY CONTROL	SURVEY CONTROL
TP-1	TP-1
TEST PIT	TEST PIT
MONITORING WELL	MONITORING WELL
BORING	BORING
B-1	B-1
BUILDING	BUILDING
DECK/STEPS/OVERHANG	DECK/STEPS/OVERHANG
EDGE WETLAND	EDGE WETLAND
WETLANDS	WETLANDS
UPLANDS	UPLANDS
STREAM	STREAM
LEDGE	LEDGE
EDGE PAVEMENT	EDGE PAVEMENT
PAVEMENT SAWCUT	PAVEMENT SAWCUT
EDGE CONCRETE	EDGE CONCRETE
PAVEMENT PAINT	PAVEMENT PAINT
EDGE GRAVEL	EDGE GRAVEL
CURB LINE	CURB LINE
EDGE OF WATER	EDGE OF WATER
TREELINE	TREELINE
120 --- 118	120 --- 118
CONTOURS	CONTOURS
X 120.00	X 120.00
SPOT GRADE	SPOT GRADE
CHAIN LINK FENCE	CHAIN LINK FENCE
BARB WIRE FENCE	BARB WIRE FENCE
STOCKADE FENCE	STOCKADE FENCE
GUARD RAIL	GUARD RAIL
STONE WALL	STONE WALL
RETAINING WALL	RETAINING WALL
DECIDUOUS TREE	DECIDUOUS TREE
CONIFEROUS TREE	CONIFEROUS TREE
MULCH LINE	MULCH LINE
BOLLARD	BOLLARD
SIGN	SIGN
RAILROAD	RAILROAD
GAS	GAS
GAS GATE VALVE	GAS GATE VALVE
GAS METER	GAS METER
GAS MANHOLE	GAS MANHOLE
WATER	WATER
WATER GATE VALVE	WATER GATE VALVE
WATER SHUT OFF	WATER SHUT OFF
HYDRANT	HYDRANT
WATER MANHOLE	WATER MANHOLE
WELL	WELL
SANITARY SEWER	SANITARY SEWER
FORCE MAIN	FORCE MAIN
SANITARY MANHOLE	SANITARY MANHOLE
FM	FM
SD	SD
STORM DRAIN	STORM DRAIN
UD	UD
UNDER DRAIN	UNDER DRAIN
DRAINAGE MANHOLE	DRAINAGE MANHOLE
CATCH BASIN	CATCH BASIN
OHU	OHU
OVERHEAD UTILITY	OVERHEAD UTILITY
UGU	UGU
UNDERGROUND UTILITY	UNDERGROUND UTILITY
TRANSFORMER PAD	TRANSFORMER PAD
TM	TM
ELECTRICAL MANHOLE	ELECTRICAL MANHOLE
EM	EM
ELECTRIC METER	ELECTRIC METER
HVAC UNIT	HVAC UNIT
TELEPHONE MANHOLE	TELEPHONE MANHOLE
TM	TM
LIGHT POLE	LIGHT POLE
UTILITY POLE	UTILITY POLE
GUY WIRE	GUY WIRE
DRAINAGE DITCH	DRAINAGE DITCH
EROSION CONTROL BLANKET	EROSION CONTROL BLANKET
FB	FB
FILTER BARRIER	FILTER BARRIER
FB	FB
RIPRAP	RIPRAP
CHECK DAM	CHECK DAM
INLET PROTECTION	INLET PROTECTION
BOULDER	BOULDER
STREAM	STREAM

GENERAL NOTES

- PLAN ORIENTATION IS GRID NORTH, MAINE STATE PLANE COORDINATE SYSTEM, WEST ZONE 1802AL NAD83. ELEVATIONS DEPICTED HEREON ARE NAVD83, 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:
MINIMUM LOT SIZE: 20,000 SQ.FT.
MINIMUM STREET FRONTAGE: 100'
MINIMUM FRONT YARD: *100'
MINIMUM SIDE YARD: *25'
MINIMUM REAR YARD: *25'
MAXIMUM BUILDING HEIGHT: *NONE
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.
- 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 EXCAVATION.
- SEE "BOUNDARY PLAN OF MAINE CORRECTIONAL CENTER, 17 MALLISON FALLS ROAD, WINDHAM, MAINE, FOR RECORD OWNER STATE OF MAINE, 17 MALLISON FALLS ROAD, WINDHAM, MAINE, 00492" LAST REVISED FEBRUARY 19, 2019 BY SEBAGO TECHNICS, INC. AND RECORDED AT CUMBERLAND COUNTY REGISTRY OF DEEDS IN PLAN BOOK 219, PAGES 107 & 108.
- 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 PLANS WERE LOCATED USING GLOBAL POSITIONING SYSTEMS (GPS) TECHNOLOGY CAPABLE OF DECIMETER ACCURACY.
- THE PROPOSED DEVELOPMENT WILL BE SERVED BY PUBLIC WATER, SEWER AND UNDERGROUND ELECTRIC AND TELECOMMUNICATION.
- AN APPROVED SET OF PLANS AND ALL APPLICABLE PERMITS MUST BE AVAILABLE AT THE CONSTRUCTION SITE. THE OWNER, OR AN AUTHORIZED AGENT, MUST BE AVAILABLE AT ALL TIMES DURING CONSTRUCTION.
- 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
D. L-15483-26-H-B
E. L-15483-26-F-A/L-15483-TA-G-N
F. L-15483-26-I-A
G. L-15483-TB-J-N
H. NAE-2019-01109 (USACE)
- 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, LOCATIONS 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 AND WHEN.
- 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 REQUIREMENTS. 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 WORK. 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.
- DEMOLITION TO BE COORDINATED WITH OWNER BY CIANBRO, INC.
- ALL WORK SHALL CONFORM TO THE APPLICABLE CODES AND ORDINANCES.
- CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING THEMSELVES 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.
- PROVIDE 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 SEDIMENT CONTROL BMPs" PUBLISHED BY THE BUREAU OF LAND AND WATER QUALITY OF THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION AT LATEST EDITION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO POSSESS A COPY OF THE EROSION CONTROL PLAN AT ALL TIMES.
- 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 GENERAL 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.

GENERAL NOTES CONT.

- 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 JUDGEMENT OF SEBAGO TECHNICS, INC.
- THE GENERAL 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 ENGINEER 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 HISHER OPERATION, AND LEAVE THE PROJECT AREA NEAT AND PRESENTABLE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING FLOW THROUGH THE EXISTING CLOSED STORM DRAINAGE SYSTEM DURING CONSTRUCTION AND SHALL SUBMIT A WORK PLAN FOR APPROVAL BY THE DESIGN ENGINEER.

UTILITY DEMOLITION NOTES

- PROTECT EXISTING BOUNDARY LINE MONUMENTATION. IF DISTURBED, EXISTING MONUMENTATION TO BE RESET BY A PROFESSIONAL LAND SURVEYOR.
- DEMOLITION OF UTILITIES REQUIRING TREE REMOVAL SHALL BE COORDINATED WITH THE OWNER AND IN ACCORDANCE WITH PROJECT PLANS.
- UTILITY DEMOLITION SHALL BE COMPLETED IN COORDINATION WITH NEW INFRASTRUCTURE. CONTRACTOR SHALL ENSURE EXISTING SURFACE DRAINAGE IS MAINTAINED DURING CONSTRUCTION.
- EXISTING SEWER AND STORM DRAINAGE INFRASTRUCTURE TO REMAIN ACTIVE DURING CONSTRUCTION AND UPON COMPLETION OF PROJECT. DEMOLITION/CONSTRUCTION ACTIVITIES SHALL NOT INTERFERE OR IMPEDE EXISTING FLOWS. CONTRACTOR SHALL PROVIDE BYPASS PUMPING AS REQUIRED DURING SEWER AND STORM DEMOLITION AND NEW CONSTRUCTION. DAMAGE TO EXISTING SEWER INFRASTRUCTURE SHALL BE REPAIRED BY CONTRACTOR AT THEIR EXPENSE.
- DEMOLITION SHOWN IS FOR MAJOR SITE ELEMENTS TO BE DEMOLISHED. OTHER MINOR DEMOLITION MAY BE REQUIRED AS PART OF CONSTRUCTION AND SHALL BE CONSIDERED INCIDENTAL TO THE COST OF CONSTRUCTION. COORDINATE ALL DEMOLITION WORK WITH SITE AND BUILDING DRAWINGS.
- PRIOR TO ANY DEMOLITION, THE CONTRACTOR SHALL SUBMIT A SEQUENCE OF DEMOLITION PLANS TO THE OWNER. THIS PLAN SHALL DEPICT LOCATIONS OF PROPOSED TERMINATIONS AND ANY TEMPORARY SERVICES THAT WILL BE NEEDED.
- CONTRACTOR REQUIRED TO CONFIRM/MAINTAIN BENCHMARKS. IF IMPACTED CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION/RELOCATION AND COORDINATION WITH PROJECT TEAM.

GRADING & EROSION NOTES

- 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.
- ALL AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE LOAM AND SEED PER DETAIL.
- SEE UTILITY DRAWINGS FOR PIPE AND STRUCTURE DATA TABLES.

CONSTRUCTION PLAN

- PROVIDE EROSION CONTROL MEASURES PRIOR TO SITE DISTURBANCE.
- WETLANDS, ASSOCIATED SETBACKS AND STREAM SETBACKS TO BE STAKED BY OWNER PRIOR TO SITE DISTURBANCE.
- GRADING AND CLEARING LIMITS SHALL NOT ENROACH ON ADJACENT PROPERTIES UNLESS NOTED OTHERWISE ON THE PLANS.
- OPEN AREAS SHALL BE LIMITED TO AREAS BEING WORKED IN. THE AREA STRIPPED OF EXISTING VEGETATION AT ANY GIVEN TIME SHALL BE MINIMIZED AND BE PHASED WHERE PRACTICAL SO THAT AREAS ARE REVEGETATED AND PERMANENTLY STABILIZED BEFORE ADDITIONAL AREAS ARE STRIPPED OF EXISTING VEGETATION. STABILIZE CONSTRUCTION AREAS BY USE OF RIPRAP, SEED, MULCH, OR OTHER GROUND COVER WITHIN ONE WEEK FROM THE TIME IT WAS ACTIVELY WORKED. SURFACES SHALL BE STABILIZED PRIOR TO DIRECTING STORMWATER RUNOFF TOWARD STORMWATER BMPs. PLEASE REFER TO DRAINAGE PLANS FOR WATERSHED AREAS.

LANDSCAPE NOTES

- PLANT QUANTITIES SHOWN ON PLANT LISTS ARE FOR CONVENIENCE TO THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR ALL PLANT MATERIAL INSTALLATION AS SHOWN ON PLANS.
- SIZE AND GRADING STANDARDS OF PLANT MATERIALS SHALL CONFORM TO THE LATEST EDITION OF "U.S.A. STANDARD FOR NURSERY STOCK," BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
- ALL PLANT MATERIAL SHALL BE FREE FROM INSECTS AND DISEASE.
- ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH ACCEPTABLE HORTICULTURAL PRACTICES. THIS IS TO INCLUDE PROPER PLANTING MIX, PLANT BED AND TREE PIT PREPARATION, PRUNING, STAKING OR GUYING, WRAPPING, SPRAYING, FERTILIZATION, PLANTING AND ADEQUATE MAINTENANCE UNTIL ACCEPTANCE BY THE OWNER.
- PLANT MATERIAL SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR BY THE CONTRACTOR AND A PERIOD OF TWO YEARS THEREAFTER BY THE OWNER FROM DATE OF INSTALLATION. DURING THE ONE YEAR GUARANTEE PERIOD, DEAD PLANT MATERIAL SHALL BE REPLACED AT NO COST TO THE OWNER. AT THE END OF THE ONE YEAR PERIOD, THE CONTRACTOR SHALL OBTAIN FINAL ACCEPTANCE FROM THE OWNER.
- ALL GRASS, OTHER VEGETATION AND DEBRIS SHALL BE REMOVED FROM ALL PLANTING AREAS PRIOR TO PLANTING.
- EXISTING TREES TO BE PRESERVED WILL BE PROTECTED DURING CONSTRUCTION AND SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- THE LANDSCAPE CONTRACTOR IS ADVISED OF THE PRESENCE OF THE UNDERGROUND UTILITIES AND SHALL VERIFY THE EXISTENCE AND LOCATION OF SAME BEFORE COMMENCING AND DIGGING OPERATIONS. THE LANDSCAPE CONTRACTOR SHALL REPLACE OR REPAIR UTILITIES, PAVING, WALKS, CURBING, ETC. DAMAGED IN PERFORMANCE OF THIS JOB AT NO ADDITIONAL COST TO THE OWNER.
- ALL SHRUB BEDS SHALL BE MULCHED WITH 3" CLEAN SHREDDED DARK BROWN BARK MULCH.
- THE CONTRACTOR SHALL PROVIDE 4" LOAM FOR ALL AREAS TO BE SODDED OR SEEDED. PLANTING AREAS SHALL RECEIVE 12" ROLLED THICKNESS OF LOAM. THE LANDSCAPE CONTRACTOR SHALL COORDINATE SUBGRADE PREPARATION WITH THE GENERAL CONTRACTOR PRIOR TO PLACING LOAM.
- ANY DEVIATION FROM THE LANDSCAPE PLAN, INCLUDING PLANT LOCATION, SELECTION, SIZE, QUANTITY OR CONDITION SHALL BE REVIEWED AND APPROVED BY THE OWNER AND LANDSCAPE ARCHITECT (AND MUNICIPAL AUTHORITY, IF APPLICABLE) PRIOR TO INSTALLATION ON SITE.
- WHERE INDICATED ON PLAN, PLANTING SOIL MIXTURE FOR PERENNIAL AND ANNUAL FLOWER BED AREAS SHALL CONSIST OF FOUR PARTS TOPSOIL, TWO PARTS SPHAGNUM PEAT MOSS, AND ONE PART HORTICULTURAL PERLITE BY VOLUME. PEAT MOSS MAY BE SUBSTITUTED WITH WELL-ROTTED OR DEHYDRATED MANURE OR COMPOST. ROTOTILL BEDS TO A DEPTH OF 8 INCHES.
- DURING CLEANING OF SITE AND PRIOR TO TREE AND SHRUB INSTALLATION, CONTRACTOR SHALL REMOVE INVASIVE PLANTS, AREAS WHERE INVASIVE PLANTS ARE REMOVED AND NO OTHER PLANTING IS PROPOSED, AREA SHALL BE LOAM AND SEEDED.

UTILITY NOTES

- UTILITY INFORMATION DEPICTED HEREON IS COMPILED USING PHYSICAL EVIDENCE LOCATED IN THE FIELD. 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 EXCAVATION. PROTECT EXISTING ONSITE SEWER PIPE AND ADJUST MANHOLE RIMS TO GRADE WHERE APPLICABLE.
- 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 OR NOT USE A GROUND LASER.
- MAINTAIN MINIMUM 5'-6" OF COVER ABOVE TOP OF WATER SERVICE PIPE.
- MAINTAIN MINIMUM 10 FEET HORIZONTAL SEPARATION BETWEEN WATER SERVICES AND OTHER UTILITIES. MAINTAIN MINIMUM 18 INCHES VERTICAL SEPARATION BETWEEN WATER SERVICES AND OTHER UTILITIES.
- LOWER OR RAISE WATER SERVICES AS REQUIRED TO MAINTAIN MINIMUM 12 INCH VERTICAL SEPARATION FROM OTHER UTILITIES. WATER SERVICES CROSSING SEWERS SHALL MAINTAIN 12 INCH MINIMUM SEPARATION BETWEEN THE BOTTOM OF WATER LINE AND TOP OF SEWER UNLESS NOTED OTHERWISE ON THE PLANS.
- PIPE:
SEWER PIPE SHALL BE SDR 35 PVC OR APPROVED EQUAL.
STORM DRAIN SHALL BE ADS N-12 DUAL WALL HDPE PIPE WITH SMOOTH-WALLED INTERIOR OR APPROVED EQUAL UNLESS NOTED OTHERWISE ON THE UTILITY PLANS.
WATER PIPE AND FITTINGS SHALL CONFORM TO THE DISTRICT HAVING JURISDICTION'S SPECIFICATIONS. MAIN WATER SERVICE PIPE SHALL BE DUCTILE IRON, CLASS 52 PUSH-ON PIPE MEETING THE REQUIREMENTS OF AWWA/C111/A21.1 (LATEST REVISION). PIPE SHALL BE CEMENT-LINED AWWA/C111/A21.4 WITH LINING TWICE THE THICKNESS SPECIFIED, AND COATED TWICE WITH A BITUMINOUS SEAL COATING. PROVIDE THRUST BLOCKS AT ALL WATER SERVICE BENDS.
- COORDINATE ALL UTILITY LOCATIONS AND INVERTS AT BUILDINGS WITH ARCHITECTURAL, STRUCTURAL AND PLUMBING DRAWINGS.
- WATER SERVICE ENTRANCE DESIGNS TO INCLUDE METERS AND BACKFLOW PREVENTERS TO MEET ALL STANDARDS AND REQUIREMENTS OF THE DISTRICT HAVING JURISDICTION.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY GRADE CHANGES THAT WILL IMPACT STORM DRAINAGE INFRASTRUCTURE OR OTHER UTILITIES.
- UTILITIES WITHIN 5 FEET FROM FACE OF BUILDING ARE COORDINATED ON RELEVANT M.E.P. DRAWINGS. CONTRACTOR SHALL COORDINATE INVERTS, CONNECTIONS AND MATERIALS WITH ALL DRAWINGS.
- CONTRACTOR SHALL FURNISH AND INSTALL TRENCHING, MATERIALS AND BACKFILL FOR ALL UTILITIES. ELECTRICAL AND TELECOM DATA PROVIDERS WILL PULL PRIMARY SERVICE TO TRANSFORMER AND PANEL. CONTRACTOR RESPONSIBLE FOR TIMING AND COORDINATION WITH UTILITIES AND DRAWINGS. COORDINATE WITH ELECTRICAL DRAWINGS FOR CONDUIT SCHEDULE, TYPE AND SIZES.
- COORDINATE ALL WATER RELATED WORK WITH DISTRICT HAVING JURISDICTION.
- 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 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 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 MRS 336-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.

TYPICAL ABBREVIATIONS

AC	ACRE
AFG	ABOVE FINISH GRADE
APPROX.	APPROXIMATELY
BC	BOTTOM OF CURB
BCC	BITUMINOUS CONCRETE CURB
BT	BITUMINOUS
BLDG	BUILDING
BW	BOTTOM OF WALL
CB	CATCH BASIN
CONC	CONCRETE
CONT	CONTINUOUS
DI	DUCTILE IRON
DIA	DIAMETER
DMH	DRAIN MANHOLE
E.W.	EACH WAY
EL	ELEVATION
ELEV	ELEVATION
FFE	FINISH FLOOR ELEVATION
FIN. GR.	FINISH GRADE
FTG	FOOTINGS
HDPE	HIGH DENSITY POLYETHYLENE
HGT	HEIGHT
HMA	HOT MIX ASPHALT
INV	INVERT
LF	LINEAR FEET
OC	ON CENTER
PVC	POLYVINYL CHLORIDE
PWD	PORTLAND WATER DISTRICT
R	RADIUS
R.O.W.	RIGHT OF WAY
S.F.	SQUARE FEET
SCH	SCHEDULE
SCSC	SLIPFORM CONCRETE SLOPED CURB
SCVC	SLIPFORM CONCRETE VERTICAL CURB
SD	STORM DRAIN
SGC	SLOPED GRANITE CURB
SMH	SEWER MANHOLE SPECS SPECIFICATIONS
SS	SANITARY SEWER
SSGC	SALVAGED SLOPED GRANITE CURB
SVGC	SALVAGED VERTICAL GRANITE CURB
TC	TOP OF CURB
TW	TOP OF WALL
TYP	TYPICAL
VGC	VERTICAL GRANITE CURB
VER	VERIFY IN FIELD



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CONDITIONAL USE APPLICATION & AMENDED SITE PLAN
06-17-24

CURRENT ISSUE STATUS:

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MAINE DEPARTMENT OF CORRECTIONS - WOMEN'S MEDICAL HEALTH ADDITION

MAINE CORRECTIONAL CENTER
WINDHAM, MAINE CIVIL

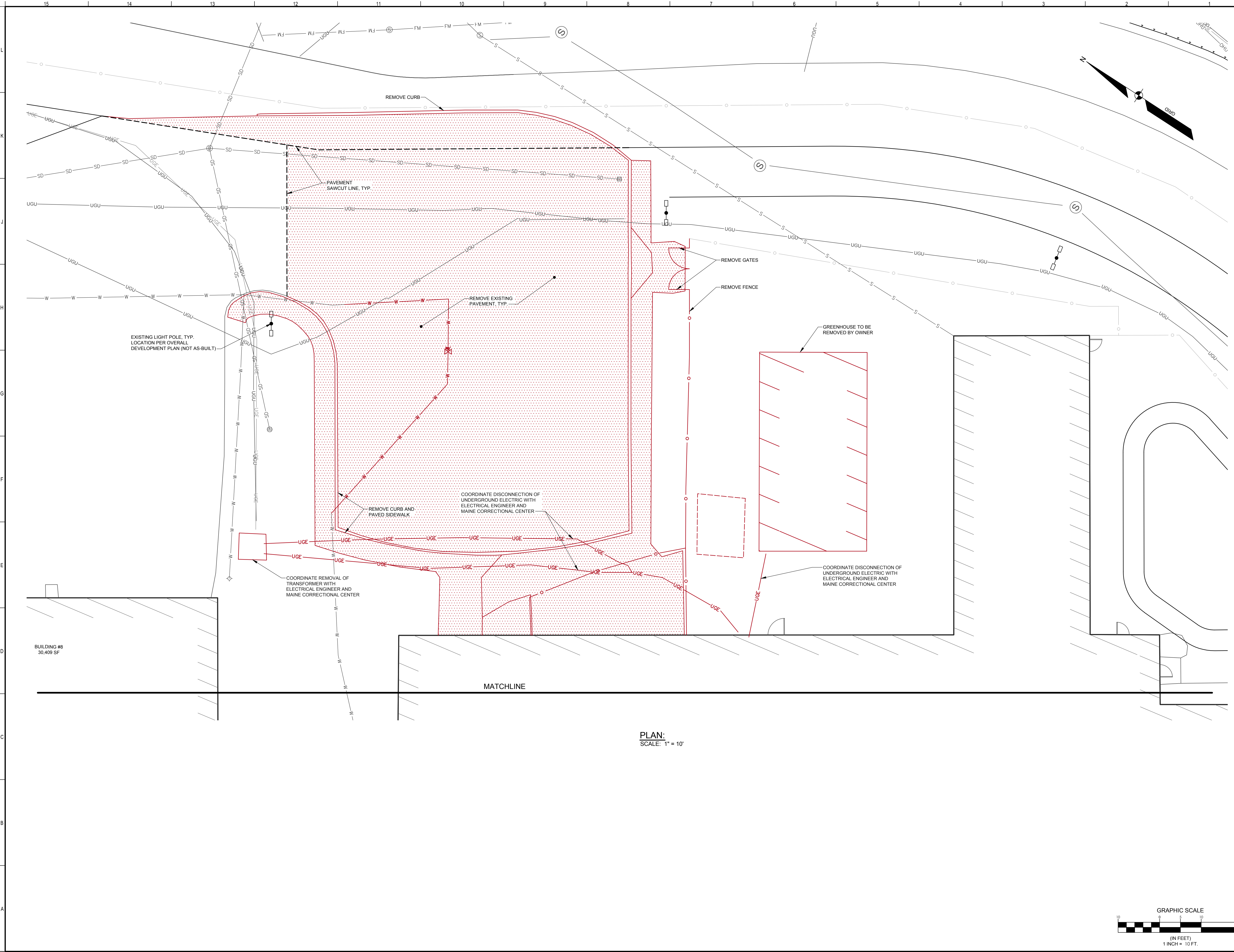
CIVIL GENERAL NOTES & LEGEND

SHEET TITLE:

SCALE:

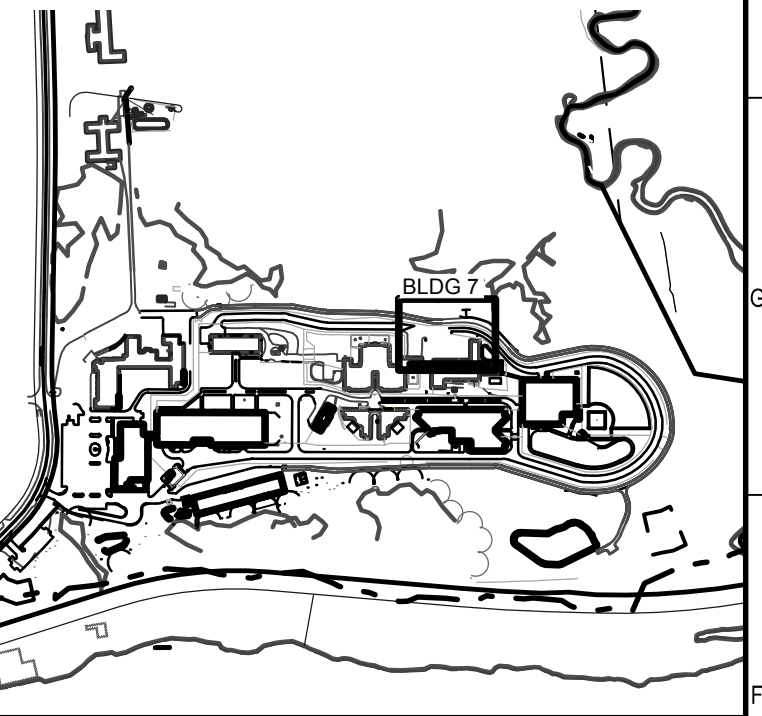
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A/E OF RECORD:	OAM		
JOB CAPTAIN:	BJB		
DRAWN BY:	BJB		
SMRT FILE:	2.GC001-17052	SHEET NO.:	2.GC001

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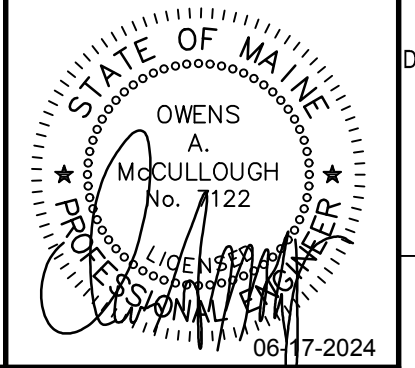
PLAN:
SCALE: 1" = 10'

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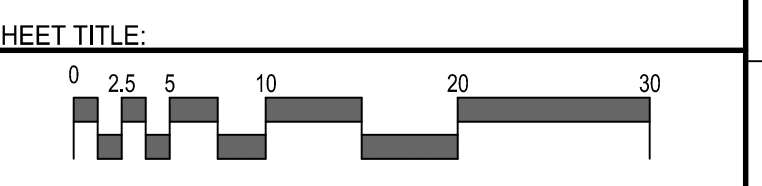


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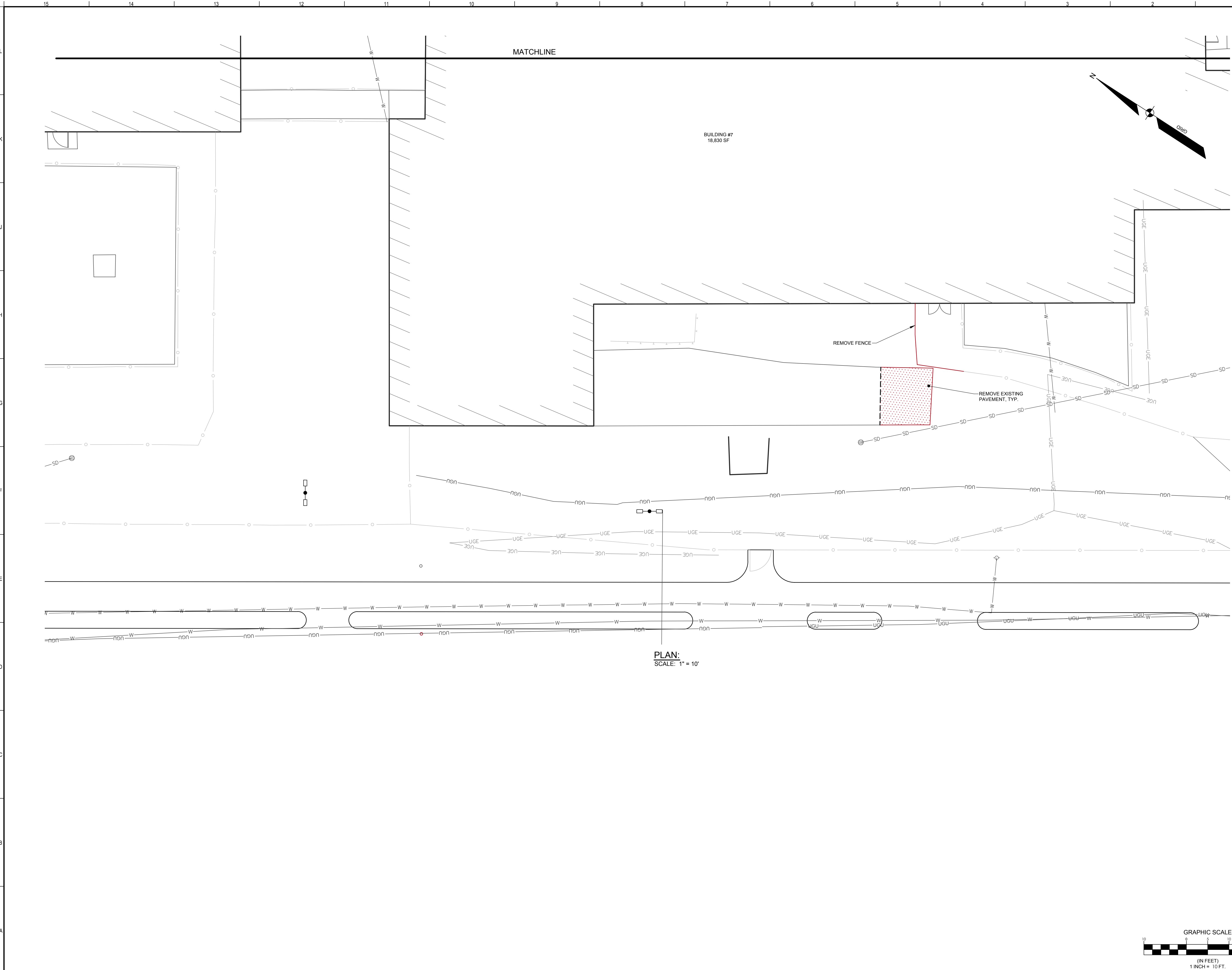
DEMOLITION PLAN



SCALE:

PROJECT MANAGER:	OAM	PROJECT NO.:	17052
A/E OF RECORD:	OAM	2.07CE101	
JOB CAPTAIN:	BJB		
DRAWN BY:	BJB		
SMRT FILE:	2.07CE101-17052	SHEET NO.:	

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BUILDING #7
18,830 SF

MATCHLINE

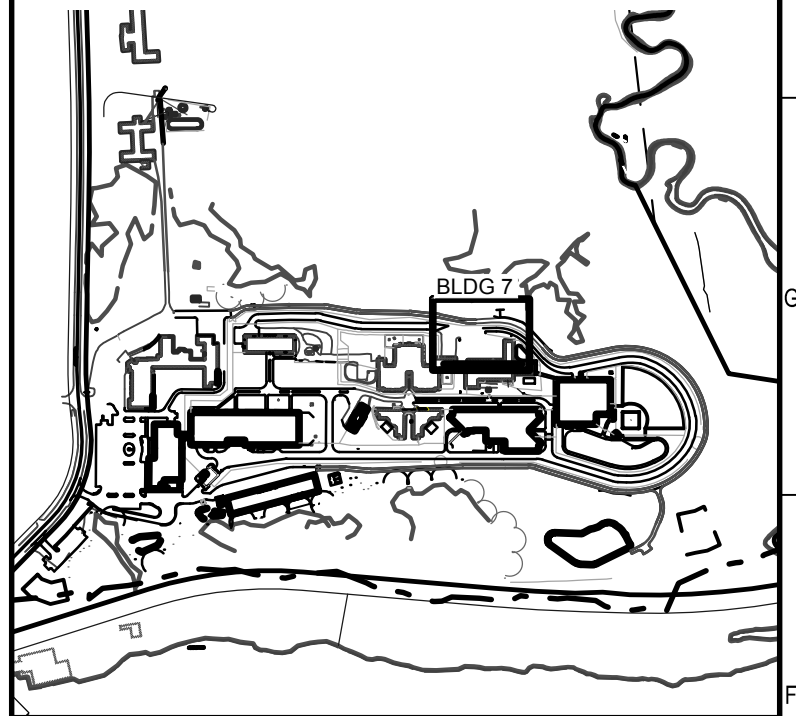
REMOVE FENCE

REMOVE EXISTING PAVEMENT, TYP.

PLAN:
SCALE: 1" = 10'

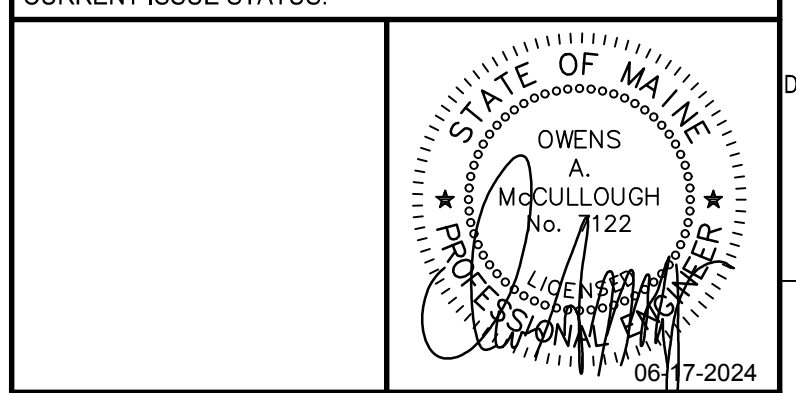
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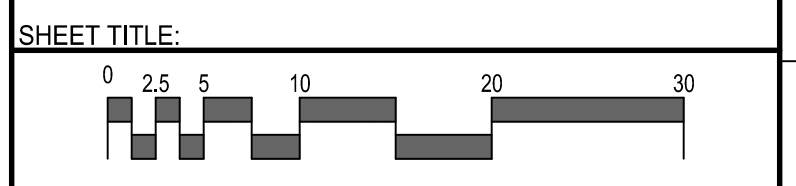


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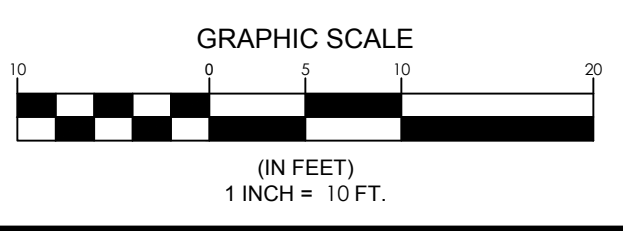
MAINE DEPARTMENT OF CORRECTIONS -
WOMEN'S MEDICAL HEALTH ADDITION

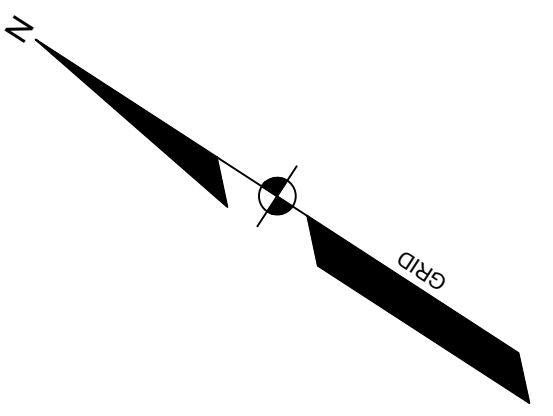
MAINE CORRECTIONAL CENTER
WINDHAM, MAINE CIVIL

DEMOLITION PLAN



PROJECT MANAGER:	OAM	PROJECT NO.:	17052
A/E OF RECORD:	OAM	2.07CE102	
JOB CAPTAIN:	BJB	SHEET NO.	
DRAWN BY:	BJB	NOT FOR CONSTRUCTION	
SMRT FILE:	2.07CE102-17052		



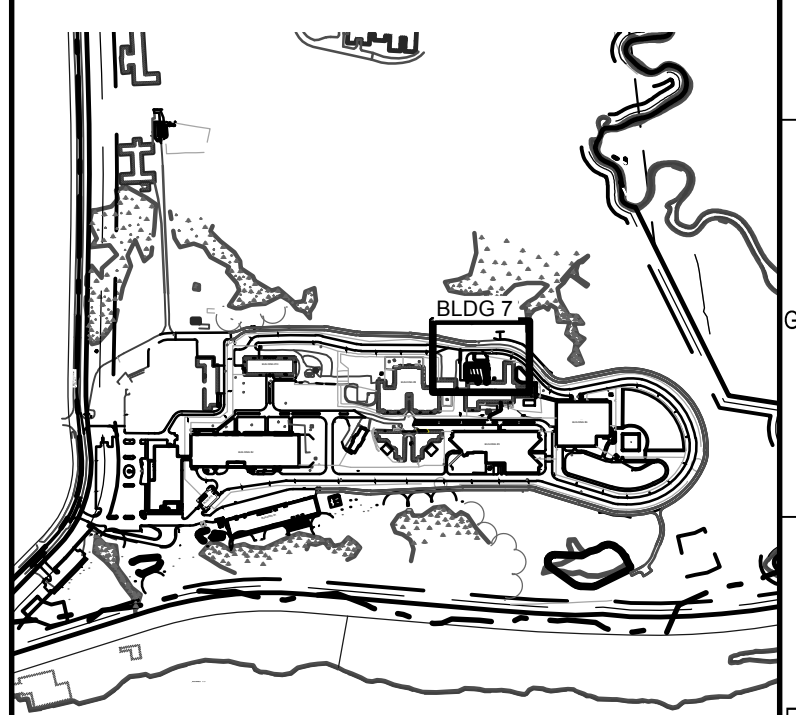


GENERAL NOTES

1. 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.
2. THE PROPERTY IS SHOWN AS LOT 5 ON THE TOWN OF WINDHAM TAX MAP 3 AND IS LOCATED IN THE INDUSTRIAL (I) DISTRICT.
3. SPACE AND BULK CRITERIA FOR THE INDUSTRIAL (I) DISTRICT ARE AS FOLLOWS:
 MINIMUM LOT SIZE: 20,000 SQ.FT.
 MINIMUM STREET FRONTAGE: 100'
 MINIMUM FRONT YARD: 100'
 MINIMUM SIDE YARD: 25'
 MINIMUM REAR YARD: 25'
 MAXIMUM BUILDING HEIGHT: NONE
 MAXIMUM BUILDING COVERAGE: NONE
 * SEE ORDINANCE FOR MORE PARTICULAR INFORMATION. ZONING DISTRICT BOUNDARY BUFFER IS SHOWN FROM ALL PROPERTY LINES THAT ADJUT 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 EXCAVATION.
5. SEE "BOUNDARY PLAN OF MAINE CORRECTIONAL CENTER, 17 MALLISON FALLS ROAD, WINDHAM, MAINE, FOR RECORD OWNER STATE OF MAINE, 17 MALLISON FALLS ROAD, WINDHAM, MAINE, 04862" LAST REVISED FEBRUARY 19, 2019 BY SEBAGO TECHNICS, INC. AND RECORDED AT CUMBERLAND COUNTY REGISTRY OF DEEDS IN PLAN BOOK 219, PAGES 107 & 108.
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 DECIMETER ACCURACY.
7. THE PROPOSED DEVELOPMENT WILL BE SERVED BY PUBLIC WATER, SEWER AND UNDERGROUND ELECTRIC AND TELECOMMUNICATION.
8. THIS PLAN AMENDS THE APPROVED SITE PLAN TO INCLUDE A 3, 896 S.F. WOMEN'S MEDICAL HEALTH BUILDING ADDITION AT BUILDING 7.

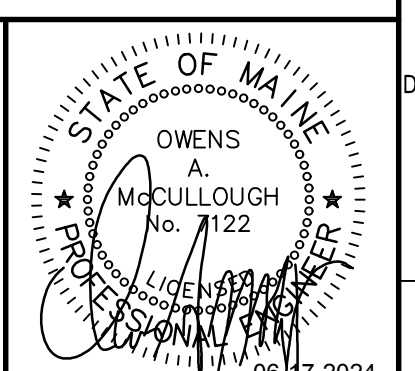


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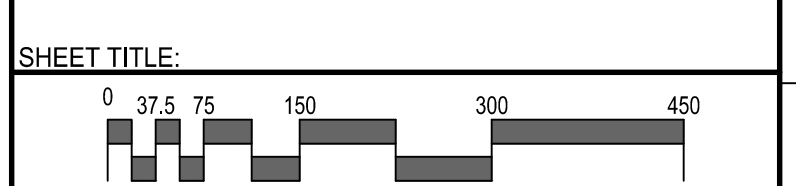


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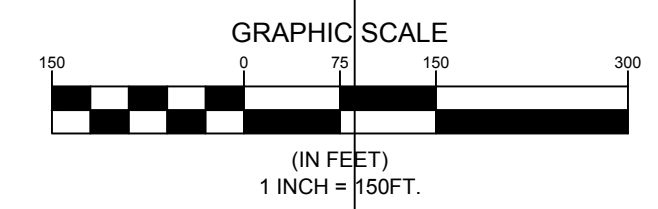
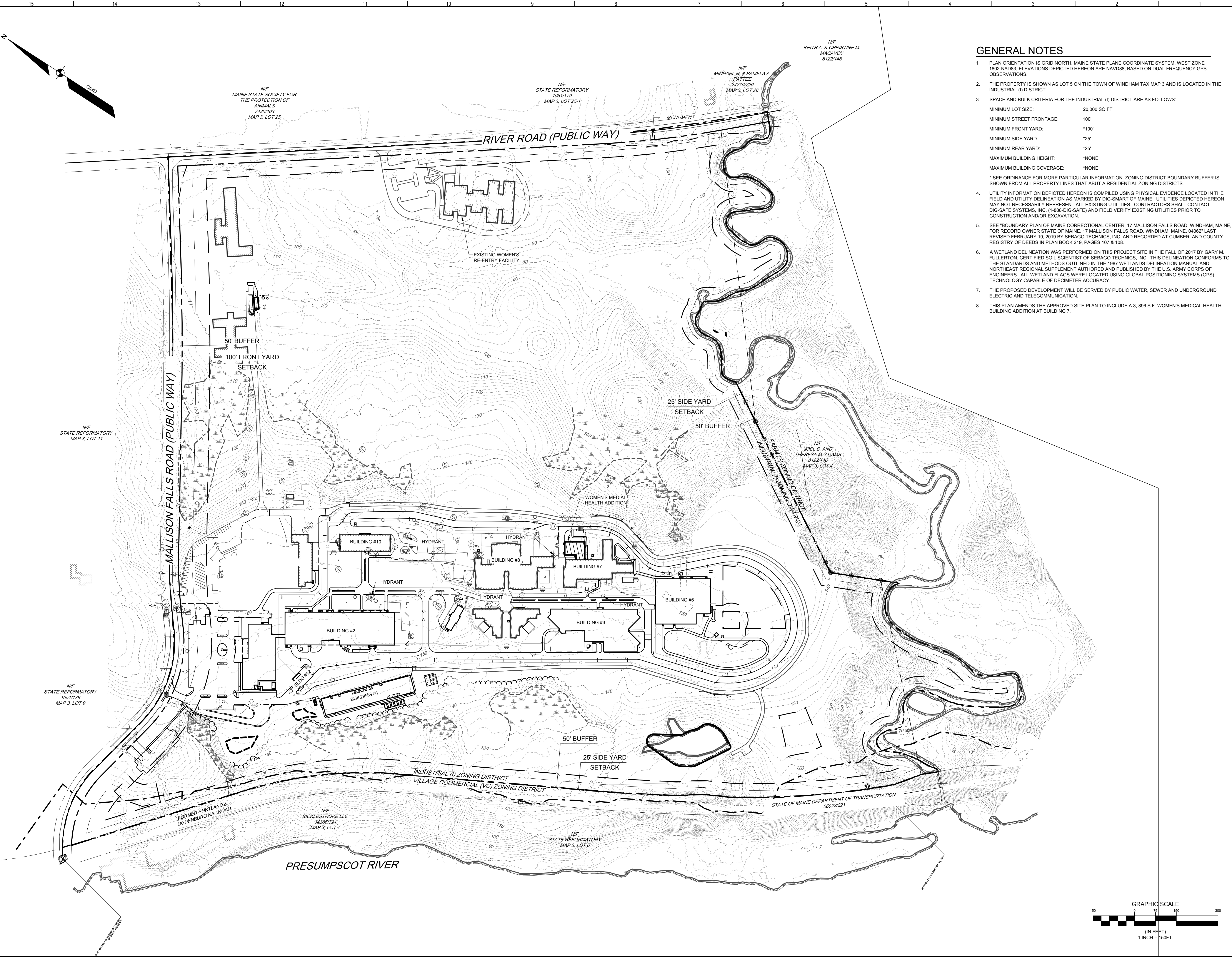
MAINE CORRECTIONAL CENTER
 WINDHAM, MAINE CIVIL

OVERALL SITE PLAN



SCALE:
 PROJECT MANAGER: OAM PROJECT NO.: 17052
 A/E OF RECORD: OAM
 JOB CAPTAIN: BJB
 DRAWN BY: BJB
 SMRT FILE: 2.07CE201-17052 SHEET No. 2.07CE201

NOT FOR CONSTRUCTION



MATCHLINE

BUILDING #7
18,830 SF

PROPOSED
SAWCUT LINE
CONTRACTOR TO REMOVE PAVEMENT AS
NECESSARY TO INSTALL FIELD INLET AND
OUTLET PIPE. SEE PROPOSED
PEDESTRIAN WALKWAY PAVEMENT DETAIL

CONNECT PROPOSED
CONTROL FENCE TO EXISTING
CONTROL FENCE POST

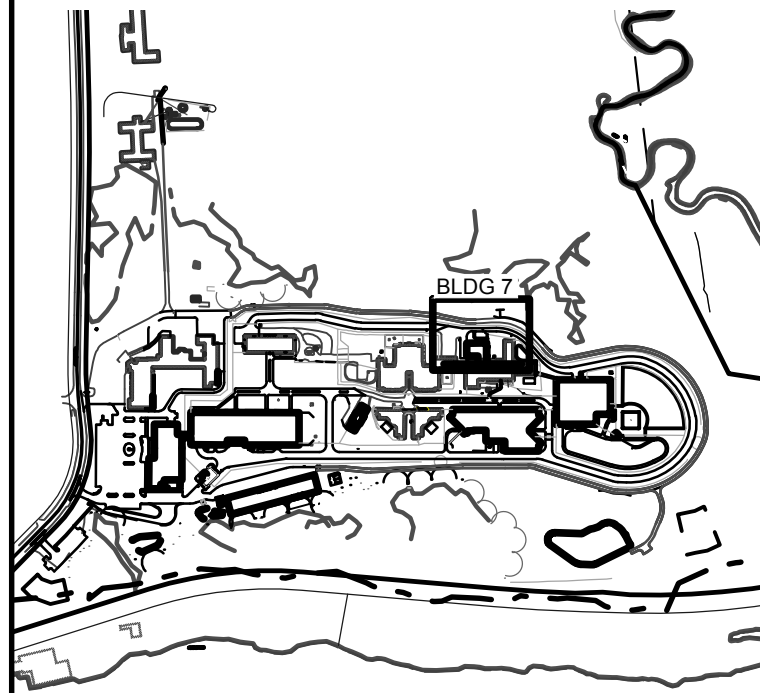
PROPOSED CONTROL FENCE

PROPOSED PEDESTRIAN
WALKWAY PAVEMENT

PLAN:
SCALE: 1" = 10'



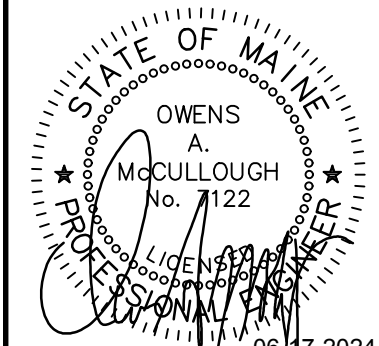
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CURRENT ISSUE STATUS:

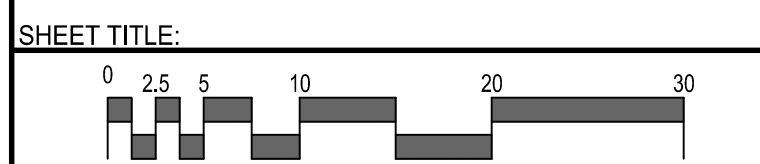


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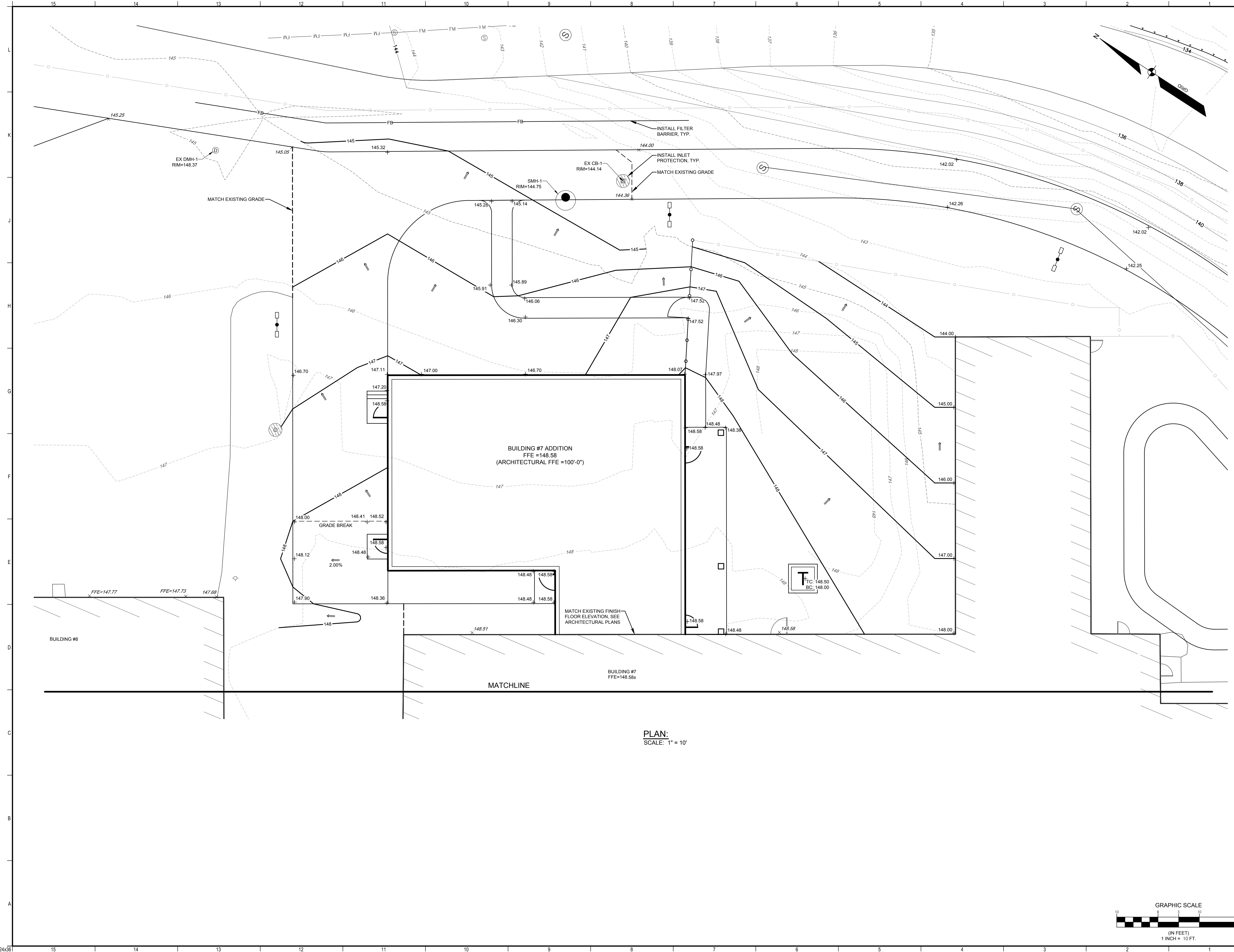
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SITE PLAN

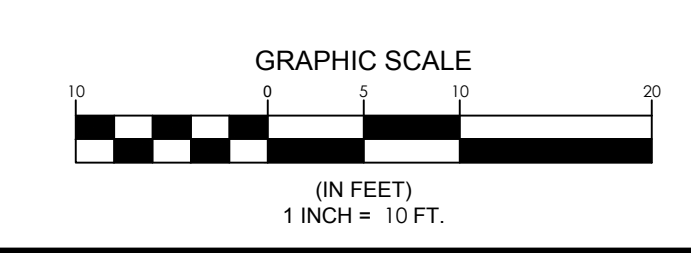


SCALE:
PROJECT MANAGER: OAM PROJECT NO: 17052
A/E OF RECORD: OAM
JOB CAPTAIN: BJB
DRAWN BY: BJB
SMRT FILE: 2.07CE203-17052 SHEET NO. 2.07CE203

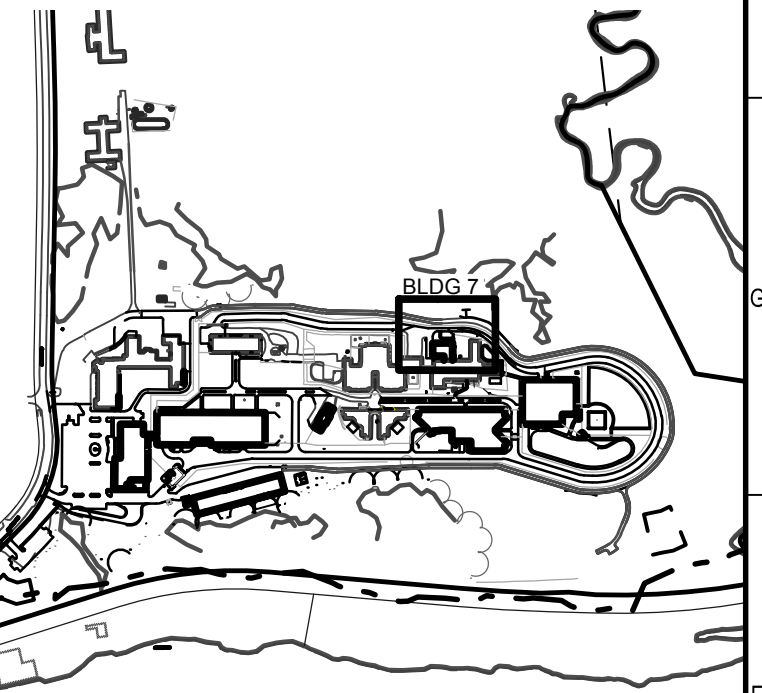
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PLAN:
SCALE: 1" = 10'

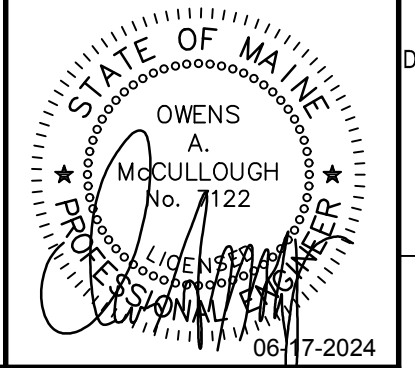


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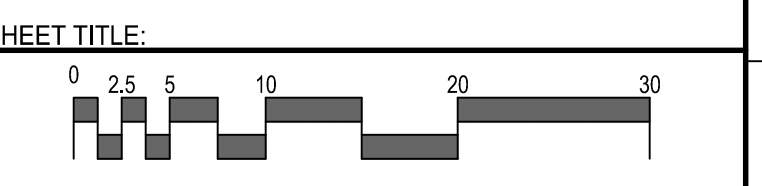


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MAINE DEPARTMENT OF CORRECTIONS -
WOMEN'S MEDICAL HEALTH ADDITION

MAINE CORRECTIONAL CENTER
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GRADING PLAN



PROJECT MANAGER:	OAM	PROJECT NO.:	17052
A/E OF RECORD:	OAM		
JOB CAPTAIN:	BJB		
DRAWN BY:	BJB		
SMRT FILE:	2.07CE301-17052		

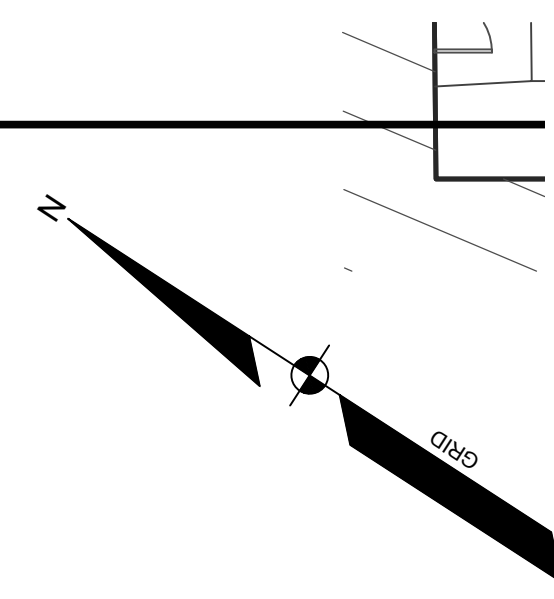
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SHEET No.

NOT FOR CONSTRUCTION

MATCHLINE
 BUILDING #7
 FFE=148.58±

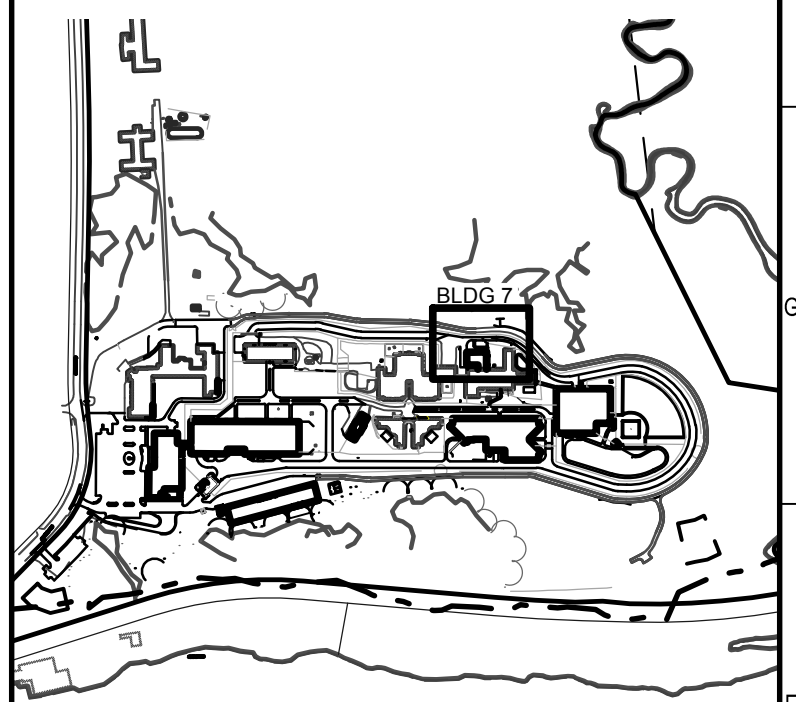
Fl-1
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PLAN:
 SCALE: 1" = 10'



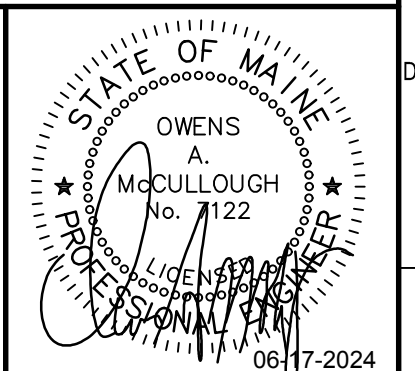
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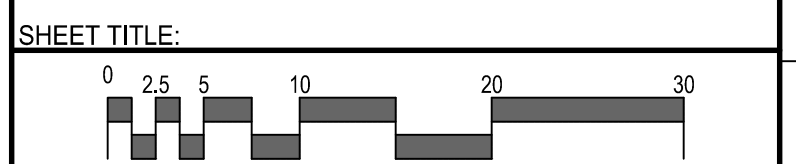


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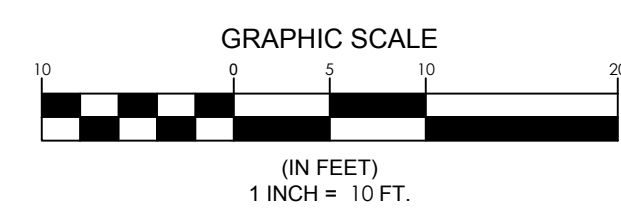
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 WOMEN'S MEDICAL HEALTH ADDITION

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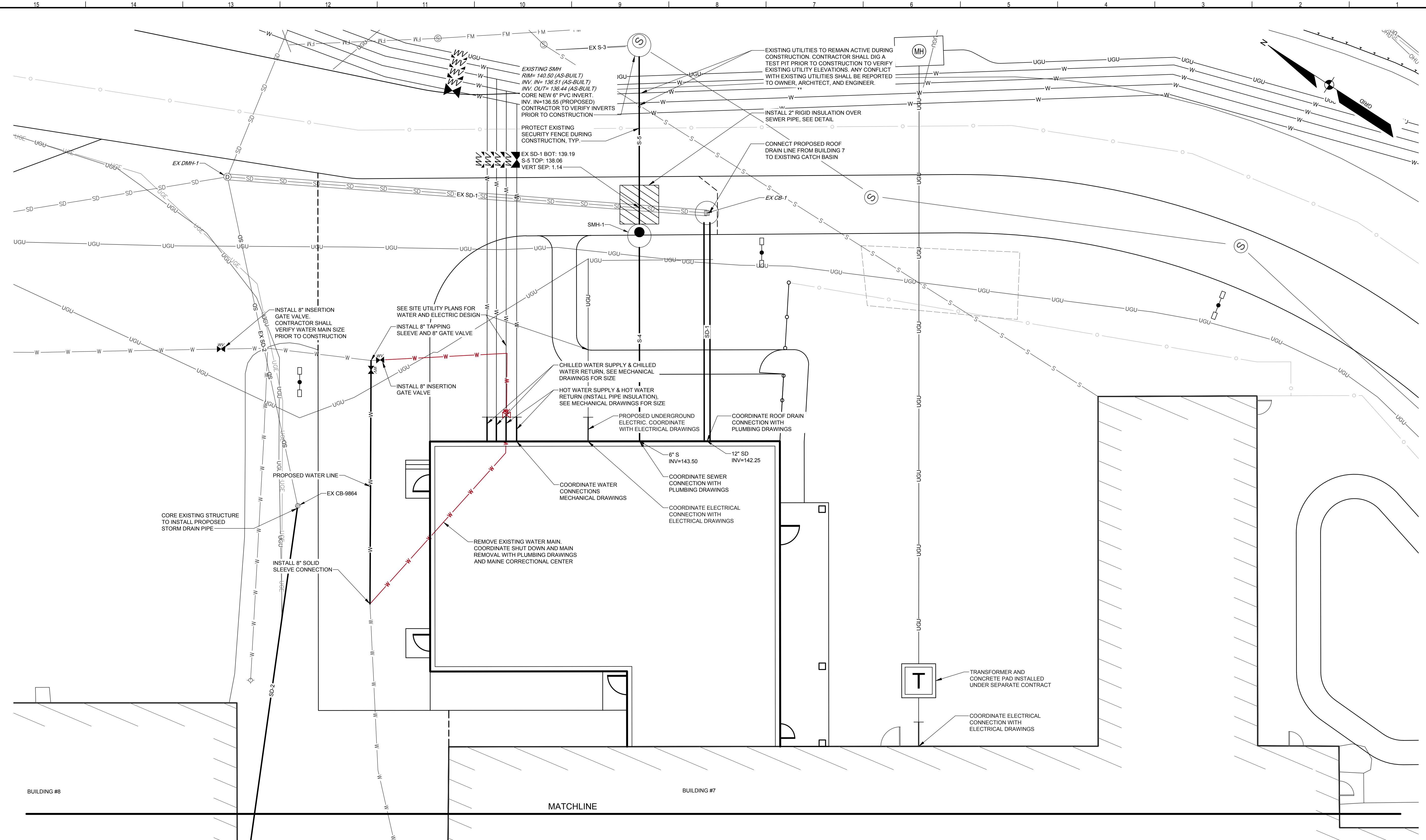
GRADING PLAN



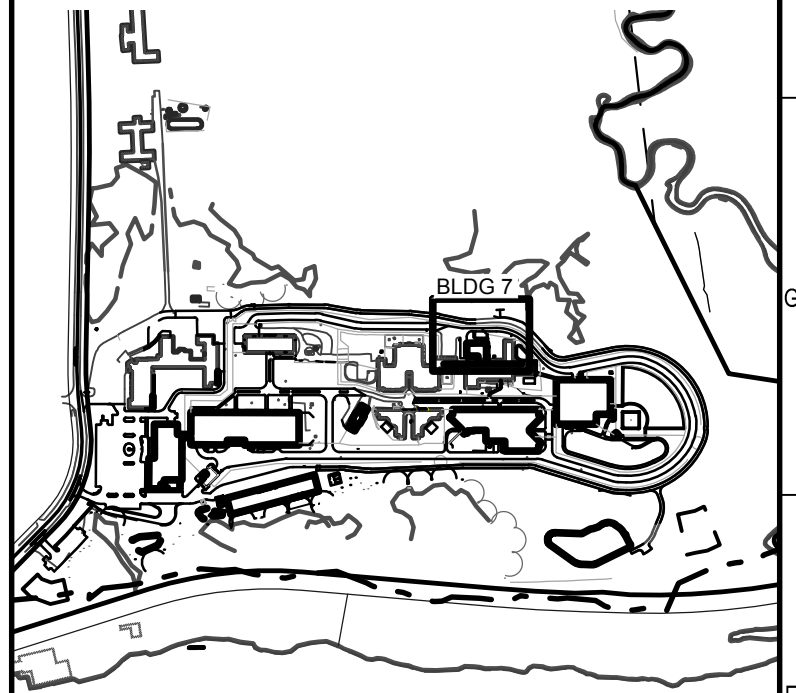
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 PROJECT MANAGER: OAM PROJECT NO: 17052
 A/E OF RECORD: OAM
 JOB CAPTAIN: BJB
 DRAWN BY: BJB
 SMRT FILE: 2.07CE302-17052 SHEET NO. 2.07CE302



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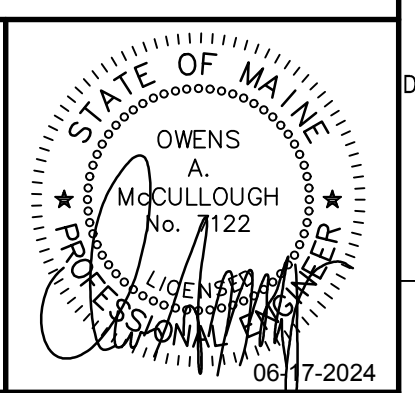


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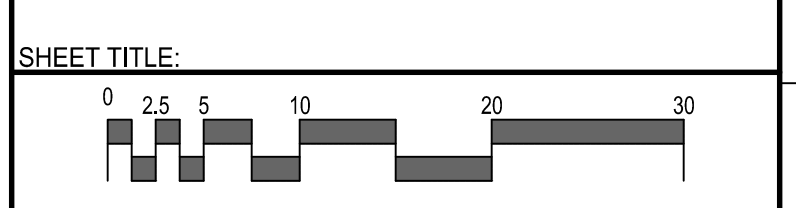


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MAINE DEPARTMENT OF CORRECTIONS - WOMEN'S MEDICAL HEALTH ADDITION

MAINE CORRECTIONAL CENTER
WINDHAM, MAINE CIVIL

UTILITY PLAN



SCALE:
PROJECT MANAGER: OAM PROJECT NO: 17052
A/E OF RECORD: OAM
JOB CAPTAIN: BJB
DRAWN BY: BJB
SMRT FILE: 2.07CE401-17052 SHEET NO. 2.07CE401

PLAN:
SCALE: 1" = 10'

STORM DRAIN STRUCTURE DATA

STRUCTURE	RIM	INV. IN	INV. OUT:	DIAM.
EX CB-1	144.14	140.00 (SD-1)	139.54 (EX SD-1)	48"
EX CB-9864	146.83	142.58 (SD-2)	142.48 (EX SD-2)	48"
EX DMH-1	148.37	137.83 (EX SD-1) 137.83 (EX SD-2)		48"
FI-1	147.80		143.36 (SD-2)	12"

SANITARY SEWER STRUCTURE DATA

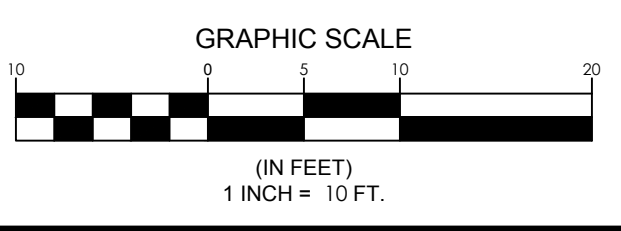
STRUCTURE	RIM	INV. IN	INV. OUT:	SIZE
EX SMH-2	143.60	137.20 (S-5)	136.44 (EX S-3)	48" DIA
SMH-1	144.75	141.00 (S-4)	137.60 (S-5)	48" DIA

SANITARY SEWER PIPE DATA

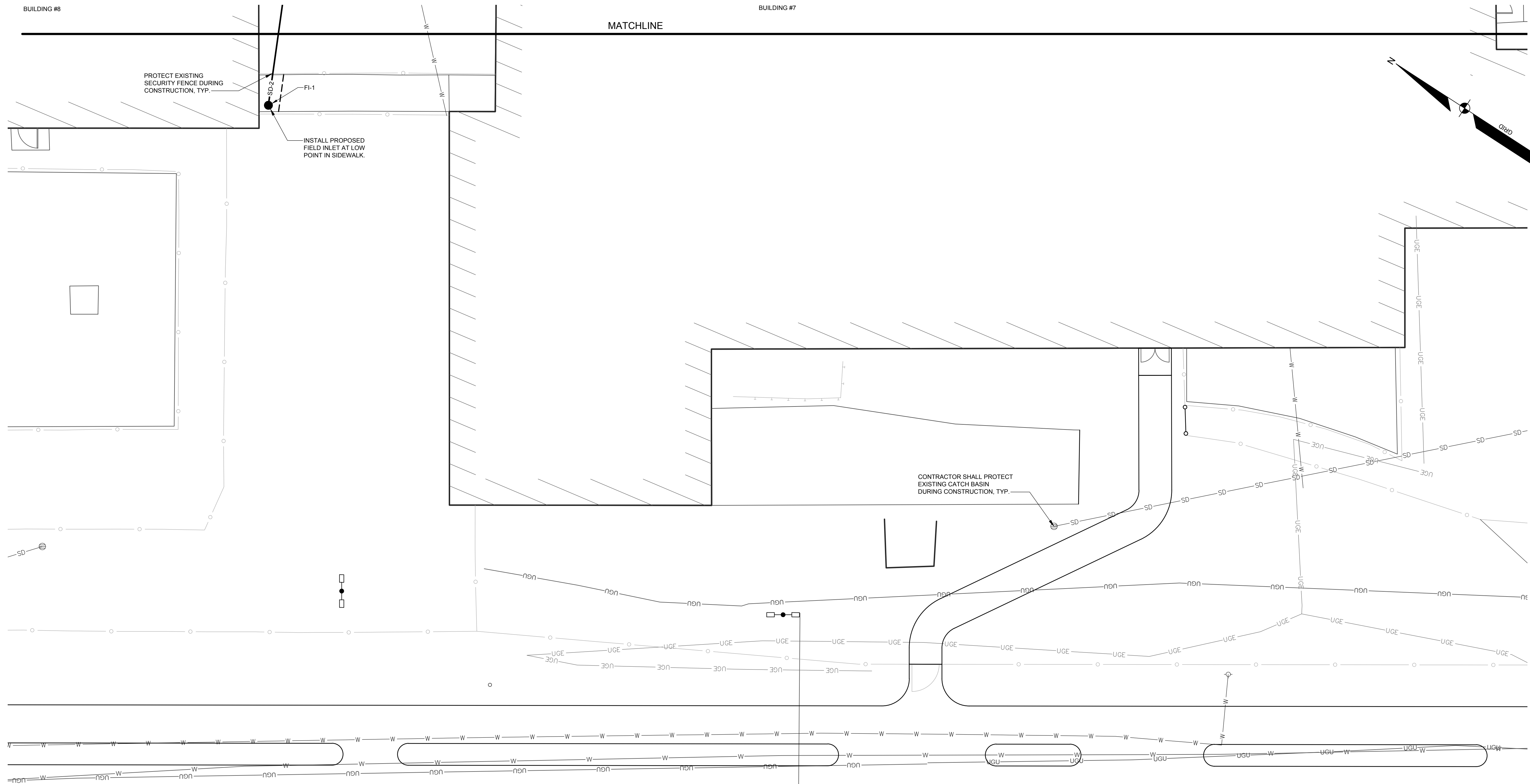
NAME	SIZE	LENGTH	SLOPE
EX S-3	6"	15'	1.12%
S-4	6"	40'	6.20%
S-5	6"	35'	1.13%

STORM DRAIN PIPE DATA

NAME	SIZE	LENGTH	SLOPE
EX SD-1	12"	95'	1.80%
EX SD-2	10"	65'	7.12%
SD-1	12"	45'	5.00%
SD-2	10"	75'	1.03%



NOT FOR CONSTRUCTION



PLAN:
SCALE: 1" = 10'

STORM DRAIN STRUCTURE DATA

STRUCTURE	RIM	INV. IN	INV. OUT:	DIAM.
EX CB-1	144.14	140.00 (SD-1)	139.54 (EX SD-1)	48"
EX CB-9864	146.83	142.58 (SD-2)	142.48 (EX SD-2)	48"
EX DMH-1	148.37	137.83 (EX SD-1) 137.83 (EX SD-2)		48"
FI-1	147.80		143.35 (SD-2)	12"

STORM DRAIN PIPE DATA

NAME	SIZE	LENGTH	SLOPE
EX SD-1	12"	95'	1.80%
EX SD-2	10"	65'	7.12%
SD-1	12"	45'	5.00%
SD-2	10"	75'	1.03%

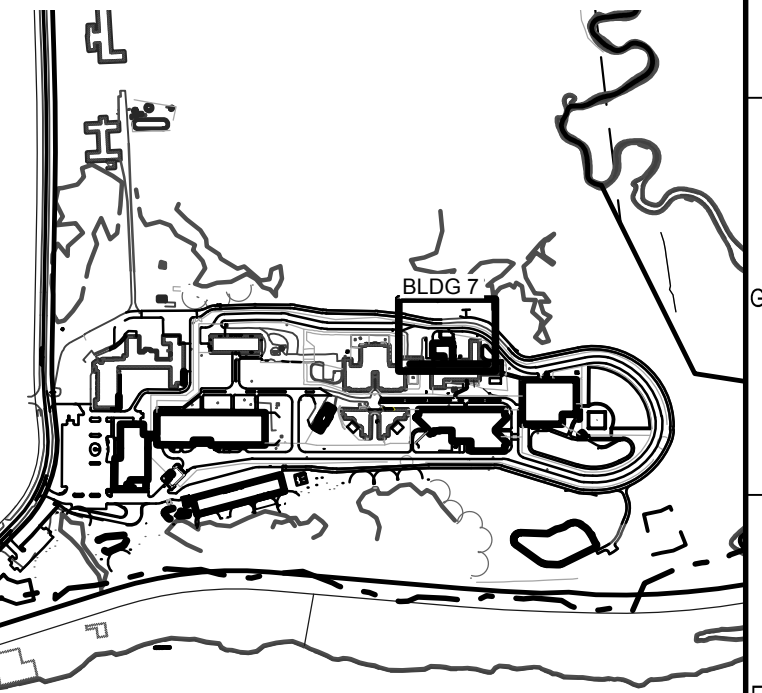
SANITARY SEWER STRUCTURE DATA

STRUCTURE	RIM	INV. IN	INV. OUT:	SIZE
EX SMH-2	143.60	137.20 (S-5)	136.44 (EX S-3)	48" DIA
SMH-1	144.75	141.00 (S-4)	137.60 (S-5)	48" DIA

SANITARY SEWER PIPE DATA

NAME	SIZE	LENGTH	SLOPE
EX S-3	6"	15'	1.12%
S-4	6"	40'	6.20%
S-5	6"	35'	1.13%

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A	ISSUED FOR TOWN REVIEW	06-17-24

CONDITIONAL USE APPLICATION & AMENDED SITE PLAN
06-17-24

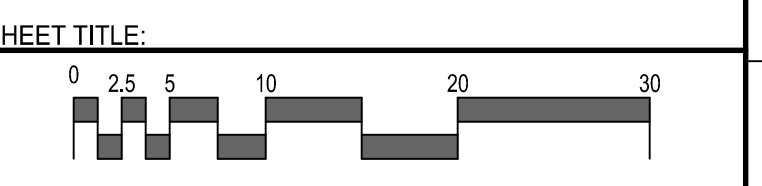
CURRENT ISSUE STATUS:
STATE OF MAINE
OWENS
A.
McCULLOUGH
No. 7122
06-17-2024

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WOMEN'S MEDICAL HEALTH ADDITION

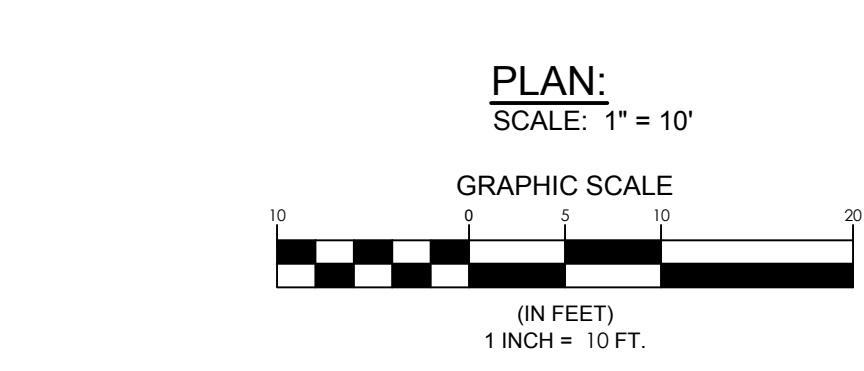
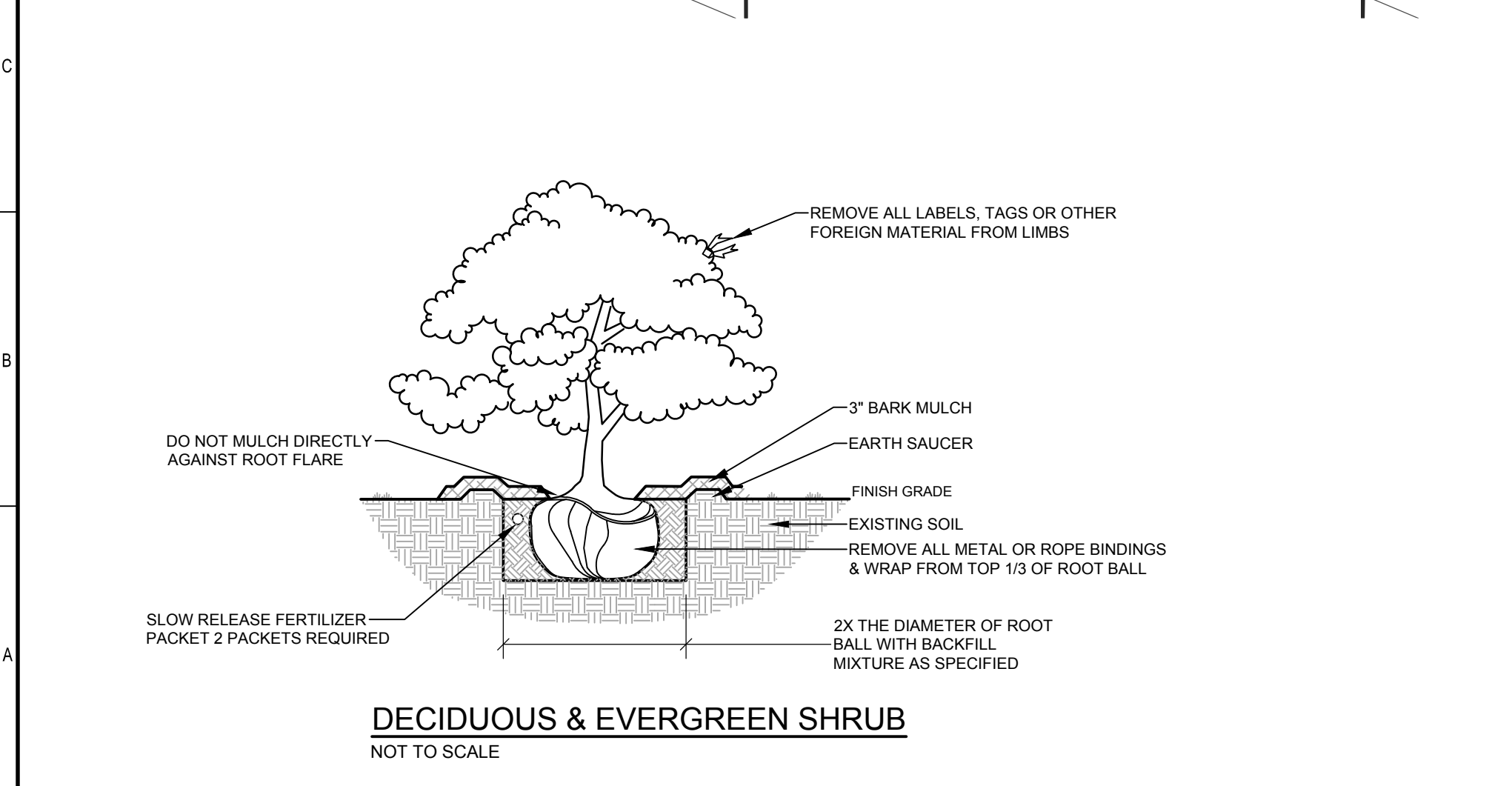
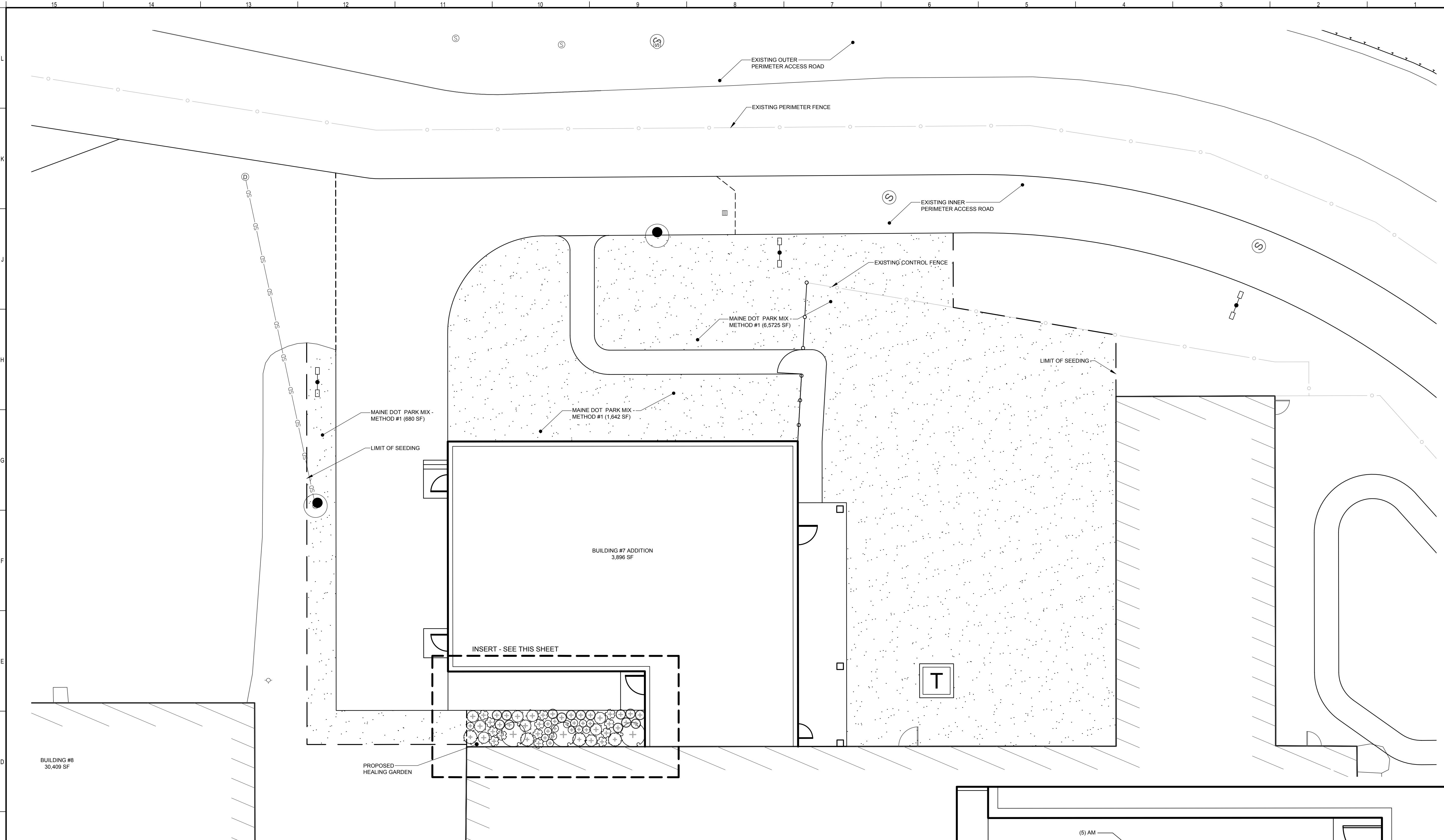
MAINE CORRECTIONAL CENTER
WINDHAM, MAINE CIVIL

UTILITY PLAN



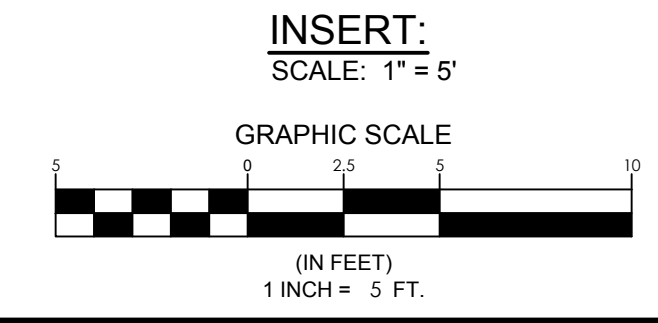
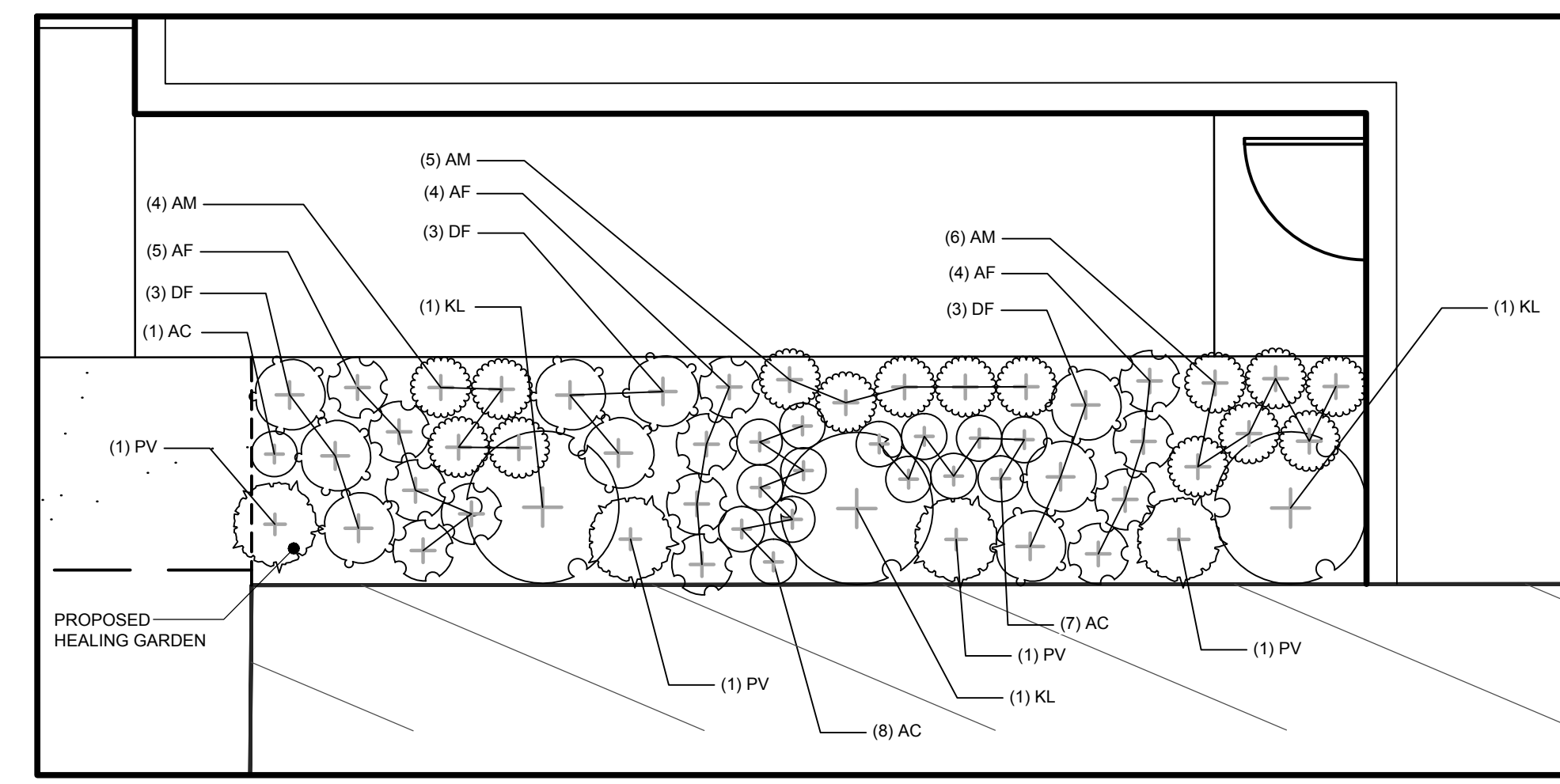
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A/E OF RECORD: OAM
JOB CAPTAIN: BJB
DRAWN BY: BJB
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NOT FOR CONSTRUCTION

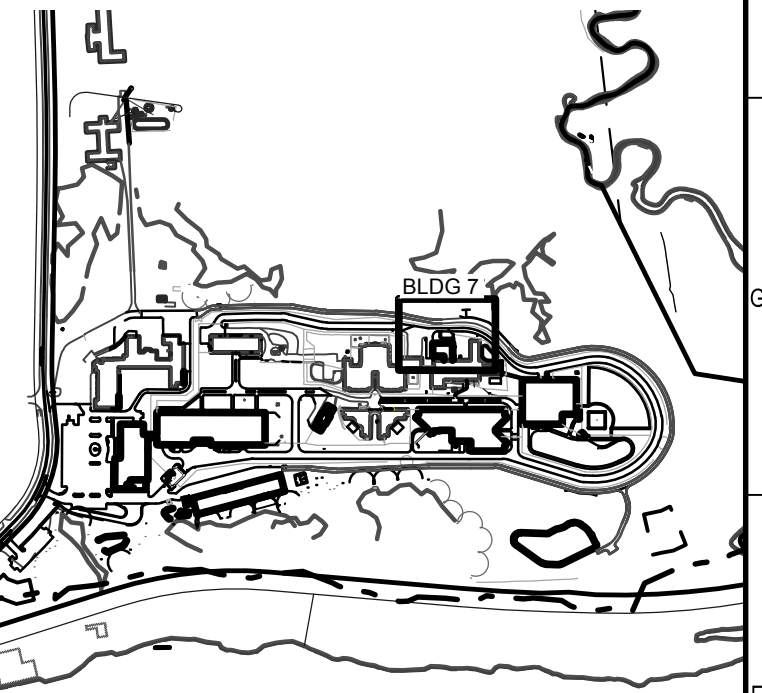


PLANT SCHEDULE

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
SHRUBS / GRASSES / PERENNIALS				
AC	15	ASTILBE CHINENSIS 'DELFT LACE'	CHINESE ASTILBE DELFT LACE	#1
AF	13	ATHYRIUM FILIX-FEMINA 'LADY IN RED'	LADY IN RED FERN	#2
AM	15	ARONIA MELANOCARPA	LOW SCAPE MOUND® BLACK CHOKEBERRY	#2
DF	9	DRYOPTERIS FILIX-MAS	WOOD FERN	#2
KL	3	KALMIA LATIFOLIA 'CAROUSEL'	CAROUSEL MOUNTAIN LAUREL	24" 36" HT.
PV	4	PANICUM VIRGATUM 'BLOOD BROTHERS'	BLOOD BROTHERS SWITCH GRASS	#2

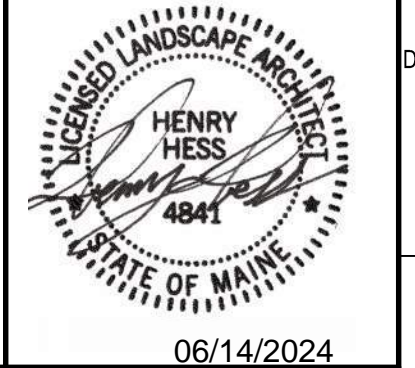


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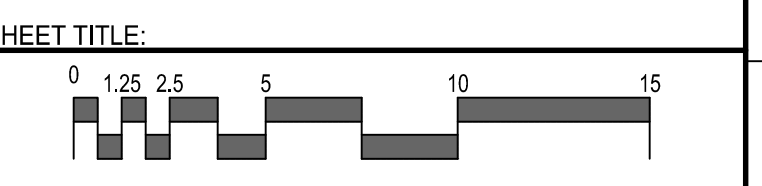


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MAINE DEPARTMENT OF CORRECTIONS - WOMEN'S MEDICAL HEALTH ADDITION

MAINE CORRECTIONAL CENTER
WINDHAM, MAINE CIVIL

LANDSCAPE PLAN



PROJECT MANAGER: OAM PROJECT NO: 17052
A/E OF RECORD: OAM
JOB CAPTAIN: BJB
DRAWN BY: BJB
SMRT FILE: 2.07CE501-17052 SHEET NO. 2.07CE501

NOT FOR CONSTRUCTION

EROSION CONTROL MEASURES

PRE-CONSTRUCTION PHASE

PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, SEDIMENT BARRIERS (SILT FENCE) WILL BE STAKED/INSTALLED ACROSS THE SLOPE(S), ON THE CONTOUR AT OR JUST BELOW THE LIMITS OF CLEARING OR GRUBBING...

PRIOR TO ANY CLEARING OR GRUBBING, A CONSTRUCTION ENTRANCE/EXIT SHALL BE CONSTRUCTED AT THE INTERSECTION OF THE PROPOSED ENTRANCES AND EXISTING ROADWAY TO AVOID TRACKING OF MUD, DUST AND DEBRIS FROM THE SITE.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PREPARE A DETAILED SCHEDULE AND MARKED UP PLAN INDICATING AREAS AND COMPONENTS OF THE WORK AND KEY DATES SHOWING DATE OF DISTURBANCE AND COMPLETION OF THE WORK.

CONSTRUCTION AND POST-CONSTRUCTION PHASE

AREAS UNDERGOING ACTUAL CONSTRUCTION SHALL ONLY EXPOSE THAT AMOUNT OF MINERAL SOIL NECESSARY FOR PROGRESSIVE AND EFFICIENT CONSTRUCTION. AN AREA CONSIDERED OPEN IS AN AREA NOT STABILIZED WITH PAVEMENT, VEGETATION, MULCHING, EROSION CONTROL MATS, RIPRAP OR GRAVEL BASE ON A ROAD...

THE CONTRACTOR MUST INSTALL ANY ADDED MEASURES WHICH MAY BE NECESSARY TO CONTROL EROSION/SEDIMENTATION FROM THE SITE DEPENDENT UPON THE ACTUAL SITE AND WEATHER CONDITIONS.

EROSION CONTROL APPLICATIONS & MEASURES
THE PLACEMENT OF EROSION CONTROL MEASURES SHALL BE COMPLETED IN ACCORDANCE WITH GUIDELINES ESTABLISHED IN BEST MANAGEMENT PRACTICES AND IN ACCORDANCE WITH THE EROSION CONTROL PLAN AND DETAILS IN THE PLAN SET.

1. TEMPORARY MULCHING:

ALL DISTURBED AREAS SHALL BE MULCHED WITH MATERIALS SPECIFIED BELOW PRIOR TO ANY STORM EVENT. ALL DISTURBED AREAS NOT FINAL GRADED WITHIN 14 DAYS SHALL BE MULCHED. DISTURBED AREAS ADJACENT TO NATURAL RESOURCES THAT ARE NOT GRADED WITHIN SEVEN (7) DAYS SHALL BE MULCHED...

HAY OR STRAW: SHALL BE APPLIED AT A RATE OF 75 LBS/1,000 S.F. (1.5 TONS PER ACRE).

EROSION CONTROL MIX: SHALL BE PLACED EVENLY AND MUST PROVIDE 100% SOIL COVERAGE. EROSION CONTROL MIX SHALL BE APPLIED SUCH THAT THE THICKNESS ON SLOPES 3:1 OR LESS IS 2 INCHES PLUS 1/2 INCH PER 20 FEET OF SLOPE UP TO 100 FEET.

EROSION CONTROL BLANKET: SHALL BE INSTALLED SUCH THAT CONTINUOUS CONTACT BETWEEN THE MAT AND THE SOIL IS OBTAINED. INSTALL BLANKETS AND STAPLE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

2. SOIL STOCKPILES:

STOCKPILES OF SOIL OR SUBSOIL SHALL BE MULCHED WITH HAY OR STRAW AT A RATE OF 75 LBS/1,000 S.F. (1.5 TONS PER ACRE) OR WITH A FOUR-INCH DEEP MULCH. THIS WILL BE DONE WITHIN 24 HOURS OF STOCKING AND RE-ESTABLISHED PRIOR TO ANY RAINFALL.

3. NATURAL RESOURCES PROTECTION:

AREAS WITHIN 100 FEET FROM ANY NATURAL RESOURCES SHALL BE MULCHED USING TEMPORARY MULCHING (AS DESCRIBED IN PART 1 OF THIS SECTION) WITHIN 7 DAYS OF EXPOSURE OR PRIOR TO ANY STORM EVENT.

4. SEDIMENT BARRIERS:

PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, SEDIMENT BARRIERS SHALL 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.

SILT FENCE: SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. THE EFFECTIVE HEIGHT OF THE FENCE SHALL NOT EXCEED 36 INCHES. IT IS RECOMMENDED THAT SILT FENCE BE REMOVED BY CUTTING THE FENCE MATERIALS AT GROUND LEVEL SO AS TO AVOID ADDITIONAL SOIL DISTURBANCE.

HAY BALES: SHALL NOT BE INSTALLED ADJACENT TO WETLAND. INSTALL PER THE DETAIL ON THE PLANS. BALES SHALL BE WIRE-BOUND OR STRING-TIED AND THESE BINDINGS MUST REMAIN PARALLEL WITH THE GROUND SURFACE DURING INSTALLATION TO PREVENT DETERIORATION OF THE BINDINGS.

EROSION CONTROL MIX: SHALL NOT BE USED ADJACENT TO WETLANDS. INSTALL PER THE DETAIL ON THE PLANS. THE MIX SHALL CONSIST PRIMARILY OF ORGANIC MATERIAL AND CONTAIN A WELL-GRADED MIXTURE OF PARTICLE SIZES AND MAY CONTAIN ROCKS LESS THAN 4 INCHES IN DIAMETER.

CONTINUOUS CONTAINED BERM: SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. THIS SEDIMENT BARRIER IS EROSION CONTROL MIX PLACED WITHIN A SYNTHETIC TUBULAR NETTING AND PERFORMS AS A STURDY SEDIMENT BARRIER THAT WORKS WELL ON HARD GROUND SUCH AS FROZEN CONDITIONS, TRAVELED AREAS OR PAVEMENT.

5. TEMPORARY CHECK DAMS:

SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. CHECK DAMS ARE TO BE PLACED WITHIN DITCHES/ SWALES AS SPECIFIED ON THE DESIGN PLANS IMMEDIATELY AFTER FINAL GRADING.

STONE CHECK DAMS: STONE DAMS SHOULD BE CONSTRUCTED OF 2 TO 3 INCH STONE AND PLACED SUCH THAT COMPLETE COVERAGE OF THE SWALE IS OBTAINED AND THAT THE CENTER OF THE DAM IS 6 INCHES LOWER THAN THE OUTER EDGES.

HAY BALE CHECK DAMS: BALES SHALL BE WIRE-BOUND OR STRING-TIED. BALES SHALL BE INSTALLED WITH A MINIMUM 4 INCH DEEP TRENCH LINE WITH ENDS OF ADJACENT BALES TIGHTLY ADJUTING ONE ANOTHER.

MANUFACTURED CHECK DAMS: MANUFACTURED CHECK DAMS, AS SPECIFIED IN THE DETAIL ON THE PLANS, MAY BE USED IF AUTHORIZED BY THE PROPER LOCAL, STATE OR FEDERAL REGULATING AGENCIES.

6. STORMDRAIN INLET PROTECTION:

INLET PROTECTION SHALL BE PLACED AROUND A STORMDRAIN DROP INLET OR CURB INLET PRIOR TO PERMANENT STABILIZATION OF THE IMMEDIATE AND UPSTREAM DISTURBED AREAS.

HAY BALE DROP INLET PROTECTION: WE DO NOT RECOMMEND THE USE OF HAY BALES AS INLET PROTECTION.

CONCRETE BLOCK AND STONE INLET SEDIMENT FILTER (DROP OR CURB INLET): SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. THE HEIGHT OF THE CONCRETE BLOCK BARRIER CAN VARY BUT MUST BE BETWEEN 12 AND 24 INCHES TALL.

MANUFACTURED SEDIMENT BARRIERS AND FILTER (DROP OR CURB INLET): AS SPECIFIED IN THE DETAIL ON THE PLANS, MAY BE USED IF INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

7. STABILIZED CONSTRUCTION ENTRANCE/EXIT:

PRIOR TO CLEARING AND/OR GRUBBING THE SITE A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE CONSTRUCTED WHEREVER TRAFFIC WILL EXIT THE CONSTRUCTION SITE ONTO A PAVED ROADWAY IN ORDER TO MINIMIZE THE TRACKING OF SEDIMENT AND DEBRIS FROM THE CONSTRUCTION SITE ONTO PUBLIC ROADWAYS.

DUST CONTROL:

DUST CONTROL DURING CONSTRUCTION SHALL BE ACHIEVED BY THE USE OF A WATERING TRUCK TO PERIODICALLY SPRINKLE THE EXPOSED ROADWAY AREAS AS NECESSARY TO REDUCE DUST DURING THE DRY MONTHS.

TEMPORARY VEGETATION:

TEMPORARY VEGETATION SHALL BE APPLIED TO DISTURBED AREAS THAT WILL NOT RECEIVE FINAL GRADING FOR PERIODS UP TO 12 MONTHS. THIS PROCEDURE SHOULD BE USED EXCLUSIVELY IN AREAS ADJACENT TO NATURAL RESOURCES.

PERMANENT VEGETATION:

REVEGETATION MEASURES SHALL COMMENCE IMMEDIATELY UPON COMPLETION OF FINAL GRADING OF AREAS TO BE LOAMED AND SEEDED. THE APPLICATION OF SEED SHALL BE CONDUCTED BETWEEN APRIL 1ST AND OCTOBER 1ST OF THE CONSTRUCTION YEAR.

SEEDBED PREPARATION:

A. FOUR (4) INCHES OF LOAM SHALL BE SPREAD OVER DISTURBED AREAS AND SMOOTHED TO A UNIFORM SURFACE. LOAM SHALL BE FREE OF SUBSOIL, CLAY LUMPS, STONES AND OTHER OBJECTS OVER 2 INCHES OR LARGER IN ANY DIMENSION.

B. SOILS TESTS SHALL BE TAKEN AT THE TIME OF SOIL STRIPPING TO DETERMINE FERTILIZATION REQUIREMENTS. SOILS TESTS SHALL BE TAKEN PROMPTLY AS TO NOT INTERFERE WITH THE 14-DAY LIMIT ON SOIL EXPOSURE.

ITEM APPLICATION RATE
10-20-20 FERTILIZER (N-P205-K20 OR EQUAL) 18.4 LBS./1,000 S.F.

GROUND LIMESTONE (50% CALCIUM & MAGNESIUM OXIDE) 138 LBS./1,000 S.F.

C. WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH PROPER EQUIPMENT. ROLL THE SOIL TO FIRM THE SEEDBED EXCEPT ON CLAY OR SILTY SOILS OR COARSE SAND.

APPLICATION OF SEED:

A. SEEDING: SHALL BE CONDUCTED BETWEEN APRIL 1ST AND OCTOBER 1ST OF THE CONSTRUCTION YEAR. GENERALLY A SEED MIXTURE MAY BE APPLIED AS FOLLOWS: (CONSERVATION MIX)

Table with 2 columns: SEED TYPE and APPLICATION RATE. Includes entries for FESCUE, FAWN, BIRD'S FOOT TREFLOIL, ANNUAL RYEGRASS, TIMOTHY, CLIMAX, ALSIKE CLOVER, REDTOP.

NOTE: A SPECIFIC SEED MIXTURE SHOULD BE CHOSEN TO MATCH THE SOILS COMPOSITION OF THE SITE. VARIOUS AGENCIES CAN RECOMMEND SEED MIXTURES.

B. HYDROSEEDING: SHALL BE CONDUCTED ON PREPARED AREAS WITH SLOPES LESS THAN 2:1. LIME AND FERTILIZER MAY BE APPLIED SIMULTANEOUSLY WITH THE SEED.

C. MULCHING: SHALL COMMENCE IMMEDIATELY AFTER SEED IS APPLIED. REFER TO THE TEMPORARY MULCHING SECTION OF THIS NARRATIVE FOR DETAILS.

SODDING:

FOLLOWING SEEDBED PREPARATION, SOD CAN BE APPLIED IN LIEU OF SEEDING IN AREAS WHERE IMMEDIATE VEGETATION IS MOST BENEFICIAL. SUCH AS DITCHES, AROUND STORMWATER DROP INLETS AND AREAS OF AESTHETIC VALUE.

STANDARDS FOR TIMELY STABILIZATION:

STANDARD FOR THE TIMELY STABILIZATION OF DISTURBED SLOPES - THE CONTRACTOR WILL CONSTRUCT AND STABILIZE STONE-COVERED SLOPES BY NOVEMBER 15. THE CONTRACTOR WILL SEED AND MULCH ALL SLOPES TO BE VEGETATED BY SEPTEMBER 15.

- A. STABILIZE THE SOIL WITH TEMPORARY VEGETATION AND EROSION CONTROL MATS - BY OCTOBER 1 THE CONTRACTOR WILL SEED THE DISTURBED SLOPE WITH WINTER RYE AT A SEEDING RATE OF 3 POUNDS PER 1,000 SQUARE FEET...
B. STABILIZE THE SOIL WITH SOD - THE CONTRACTOR WILL STABILIZE THE DISTURBED SLOPE WITH PROPERLY INSTALLED SOD BY OCTOBER 1...
C. STABILIZE THE SOIL WITH WOOD WASTE COMPOST...
D. STABILIZE THE SOIL WITH STONE RIPRAP...

STANDARD FOR THE TIMELY STABILIZATION OF DISTURBED SOILS - BY SEPTEMBER 15 THE CONTRACTOR WILL SEED AND MULCH ALL DISTURBED SOILS ON AREAS HAVING A SLOPE LESS THAN 15%.

- A. STABILIZE THE SOIL WITH TEMPORARY VEGETATION - BY OCTOBER 1 THE CONTRACTOR WILL SEED THE DISTURBED SOIL WITH WINTER RYE AT A SEEDING RATE OF 3 POUNDS PER 1000 SQUARE FEET...
B. STABILIZE THE SOIL WITH SOD - THE APPLICANT WILL STABILIZE THE DISTURBED SOIL WITH PROPERLY INSTALLED SOD BY OCTOBER 1...
C. STABILIZE THE SOIL WITH MULCH - BY NOVEMBER 15 THE APPLICANT WILL MULCH THE DISTURBED SOIL BY SPREADING HAY OR STRAW AT A RATE OF AT LEAST 150 POUNDS PER 1000 SQUARE FEET...

- 1. MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION CYCLE. AFTER EACH RAINFALL, SNOW STORM OR PERIOD OF THAWING AND RUNOFF...
2. FOLLOWING THE TEMPORARY AND/OR FINAL SEEDINGS, THE CONTRACTOR SHALL INSPECT THE WORK AREA SEMI-MONTHLY UNTIL THE SEEDINGS HAVE BEEN ESTABLISHED.

HOUSEKEEPING:

- 1. SPILL PREVENTION: CONTROLS MUST BE USED TO PREVENT POLLUTANTS FROM CONSTRUCTION AND WASTE MATERIALS STORED ON SITE TO ENTER STORMWATER...
2. 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...

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.

DEBRIS AND OTHER MATERIALS: MINIMIZE THE EXPOSURE OF CONSTRUCTION DEBRIS, BUILDING AND LANDSCAPING MATERIALS, TRASH, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS TO PRECIPITATION AND STORMWATER RUNOFF.

EXCAVATION DE-WATERING: EXCAVATION DE-WATERING IS THE REMOVAL OF WATER FROM TRENCHES, FOUNDATIONS, COFFER DAMS, PONDS, AND OTHER AREAS WITHIN THE CONSTRUCTION AREA THAT RETAIN WATER AFTER EXCAVATION.

AUTHORIZED NON-STORMWATER DISCHARGES: IDENTIFY AND PREVENT CONTAMINATION BY NON-STORMWATER DISCHARGES, WHERE ALLOWED NON-STORMWATER DISCHARGES EXIST.

- A. FIRE HYDRANT FLUSHINGS;
B. VEHICLE WASHWATER IF DETERGENTS ARE NOT USED AND WASHING IS LIMITED TO THE EXTERIOR OF VEHICLES;
C. DUST CONTROL RUNOFF IN ACCORDANCE WITH PERMIT CONDITIONS;
D. ROUTINE EXTERNAL BUILDING WASHDOWN;
E. PAVEMENT WASHWATER (WHERE SPILLS/LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED);
F. DETERIALIZED CONSTRUCTION DEBRIS;
G. UNCONTAMINATED AIR CONDITIONING OR COMPRESSOR CONDENSATE;
H. UNCONTAMINATED GROUNDWATER OR SPRING WATER;
I. FOUNDATION OR FOOTER DRAIN WATER WHERE FLOWS ARE NOT CONTAMINATED;
J. UNCONTAMINATED EXCAVATION DEWATERING;
K. POTABLE WATER SOURCES INCLUDING WATERLINE FLUSHINGS; AND
L. LANDSCAPE IRRIGATION.

UNAUTHORIZED NON-STORMWATER DISCHARGES: THE DEPARTMENT'S APPROVAL DOES NOT AUTHORIZE A DISCHARGE THAT IS MIXED WITH A SOURCE OF NON-STORMWATER, OTHER THAN THOSE DISCHARGES SPECIFICALLY. THE DEPARTMENT'S APPROVAL DOES NOT AUTHORIZE DISCHARGES OF THE FOLLOWING:
A. WASTEWATER FROM THE WASHOUT OR CLEAN OUT OF CONCRETE, STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS OR OTHER CONSTRUCTION MATERIALS;
B. FUELS, OILS OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE;
C. SOAPS, SOLVENTS, OR DETERGENTS USED IN VEHICLE AND EQUIPMENT WASHING; AND
D. TOXIC OR HAZARDOUS SUBSTANCES FROM A SPILL OR OTHER RELEASE.

WINTER EROSION CONTROL MEASURES

THE WINTER CONSTRUCTION PERIOD IS FROM NOVEMBER 1 THROUGH APRIL 15. IF THE CONSTRUCTION SITE IS NOT STABILIZED WITH PAVEMENT, A ROAD GRAVEL BASE, 75% MATURE VEGETATION COVER OR RIPRAP BY NOVEMBER 1 THEN THE SITE NEEDS TO BE PROTECTED WITH OVER-WINTER STABILIZATION.

1. SOIL STOCKPILES

STOCKPILES OF SOIL OR SUBSOIL WILL BE MULCHED FOR OVER WINTER PROTECTION WITH HAY OR STRAW AT TWICE THE NORMAL RATE AT OR 150 LBS/1,000 S.F. (3 TONS PER ACRE) OR WITH A FOUR-INCH LAYER OF WOOD WASTE EROSION CONTROL MIX.

2. NATURAL RESOURCES PROTECTION

ANY AREAS WITHIN 100 FEET FROM ANY 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 EROSION CONTROL MATS.

PROJECTS CROSSING THE NATURAL RESOURCE SHALL BE PROTECTED A MINIMUM DISTANCE OF 100 FEET ON EITHER SIDE FROM THE RESOURCE. EXISTING PROJECTS NOT STABILIZED BY DECEMBER 1 SHALL BE PROTECTED WITH THE SECOND LINE OF SEDIMENT BARRIER TO ENSURE FUNCTIONALITY DURING THE SPRING THAW AND RAINS.

3. SEDIMENT BARRIERS

DURING FROZEN CONDITIONS, SEDIMENT BARRIERS SHALL CONSIST OF WOOD WASTE FILTER BERMS AS FROZEN SOIL PREVENTS THE PROPER INSTALLATION OF HAY BALES AND SEDIMENT SILT FENCES.

4. MULCHING

ALL AREA SHALL BE CONSIDERED TO BE DENUDATED UNTIL AREAS OF FUTURE LOAM AND SEED HAVE BEEN LOADED, SEEDED AND MULCHED. HAY AND STRAW MULCH OF SEED APPLIED AT A RATE OF 150 LBS. PER 1,000 SQUARE FEET OR 3 TONS/ACRE (TWICE THE NORMAL ACCEPTED RATE OF 75 LBS./1,000 S.F. OR 1.5 TONS/ACRE) AND SHALL BE PROPERLY ANCHORED.

BETWEEN THE DATES OF SEPTEMBER 1 AND APRIL 15, ALL MULCH SHALL BE ANCHORED BY EITHER PEG LINE, MULCH NETTING, ASPHALT EMULSION CHEMICAL, TRACK OR STORMWATER FILLING AND SURFACE IS NOT VISIBLE THROUGH THE MULCH THEN COVER IS SUFFICIENT.

5. MULCHING ON SLOPES AND DITCHES

SLOPES SHALL NOT BE LEFT EXPOSED FOR ANY EXTENDED TIME OF WORK SUSPENSION UNLESS FULLY MULCHED AND ANCHORED WITH PEG AND NETTING OR WITH EROSION CONTROL BLANKETS. MULCHING SHALL BE APPLIED AT A RATE OF 230 LBS/1,000 S.F. ON ALL SLOPES GREATER THAN 8%.

6. SEEDING

BETWEEN THE DATES OF OCTOBER 15 AND APRIL 1ST, LOAM OR SEED WILL NOT BE REQUIRED. DURING PERIODS OF ABOVE FREEZING TEMPERATURES FINISHED AREAS SHALL BE FINELY GRADED AND PROTECTED WITH MULCH OR TEMPORARILY SEEDED AND MULCHED UNTIL PERMANENT SEEDING IS APPLIED.

7. INSPECTION AND MONITORING

MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION SEASON, AT A MINIMUM, 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.

STANDARDS FOR TIMELY STABILIZATION OF CONSTRUCTION SITES DURING WINTER

STANDARD FOR THE TIMELY STABILIZATION OF DITCHES AND CHANNELS - THE APPLICANT WILL CONSTRUCT AND STABILIZE ALL STONE-LINED DITCHES AND CHANNELS ON THE SITE BY NOVEMBER 15.

INSTALL A SOD LINING IN THE DITCH - THE APPLICANT WILL LINE THE DITCH WITH PROPERLY INSTALLED SOD BY OCTOBER 1. PROPER INSTALLATION INCLUDES THE APPLICANT PINNING THE SOD ONTO THE SOIL WITH WIRE PINS.

INSTALL A STONE LINING IN THE DITCH - THE APPLICANT WILL LINE THE DITCH WITH STONE RIPRAP BY NOVEMBER 15. THE APPLICANT WILL HIRE A REGISTERED PROFESSIONAL ENGINEER TO DETERMINE THE STONE SIZE AND LINING THICKNESS NEEDED TO WITHSTAND THE ANTICIPATED FLOW VELOCITIES AND FLOW DEPTHS WITHIN THE DITCH.

STANDARD FOR THE TIMELY STABILIZATION OF DISTURBED SLOPES - THE APPLICANT WILL CONSTRUCT AND STABILIZE STONE-COVERED SLOPES BY NOVEMBER 15. THE APPLICANT WILL SEED AND MULCH ALL SLOPES TO BE VEGETATED BY SEPTEMBER 15.

STABILIZE THE SOIL WITH TEMPORARY VEGETATION AND EROSION CONTROL MATS - BY OCTOBER 1 THE APPLICANT WILL SEED THE DISTURBED SLOPE WITH WINTER RYE AT A SEEDING RATE OF 3 POUNDS PER 1000 SQUARE FEET AND APPLY EROSION CONTROL MATS OVER THE MULCHED SLOPE.

STABILIZE THE SOIL WITH SOD - THE APPLICANT WILL STABILIZE THE DISTURBED SLOPE WITH PROPERLY INSTALLED SOD BY OCTOBER 1. PROPER INSTALLATION INCLUDES THE APPLICANT PINNING THE SOD ONTO THE SOIL WITH WIRE PINS.

STABILIZE THE SOIL WITH WOOD WASTE COMPOST - THE APPLICANT WILL PLACE A SIX-INCH LAYER OF WOOD WASTE COMPOST ON THE SLOPE BY NOVEMBER 15. PRIOR TO PLACING THE WOOD WASTE COMPOST, THE APPLICANT WILL REMOVE ANY SNOW ACCUMULATION ON THE DISTURBED SLOPE.

STABILIZE THE SOIL WITH STONE RIPRAP - THE APPLICANT WILL PLACE A LAYER OF STONE RIPRAP ON THE SLOPE BY NOVEMBER 15. THE APPLICANT WILL HIRE A REGISTERED PROFESSIONAL ENGINEER TO DETERMINE THE STONE SIZE NEEDED FOR STABILITY AND TO DESIGN A FILTER LAYER FOR UNDERNEATH THE RIPRAP.

STANDARD FOR THE TIMELY STABILIZATION OF DISTURBED SOILS - BY SEPTEMBER 15 THE APPLICANT WILL SEED AND MULCH ALL DISTURBED SOILS ON AREAS HAVING A SLOPE LESS THAN 15%.

STABILIZE THE SOIL WITH TEMPORARY VEGETATION - BY OCTOBER 1 THE APPLICANT WILL SEED THE DISTURBED SOIL WITH WINTER RYE AT A SEEDING RATE OF 3 POUNDS PER 1000 SQUARE FEET.

STABILIZE THE SOIL WITH SOD - THE APPLICANT WILL STABILIZE THE DISTURBED SOIL WITH PROPERLY INSTALLED SOD BY OCTOBER 1. PROPER INSTALLATION INCLUDES THE APPLICANT PINNING THE SOD ONTO THE SOIL WITH WIRE PINS.

STABILIZE THE SOIL WITH MULCH - BY NOVEMBER 15 THE APPLICANT WILL MULCH THE DISTURBED SOIL BY SPREADING HAY OR STRAW AT A RATE OF AT LEAST 150 POUNDS PER 1000 SQUARE FEET ON THE AREA SO THAT NO SOIL IS VISIBLE THROUGH THE MULCH.

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Suite 4A
South Portland, ME 04106
Tel. 207-200-2100

Table with 2 columns: REV, DESCRIPTION, DATE. Row A: ISSUED FOR TOWN REVIEW, 06-17-24.

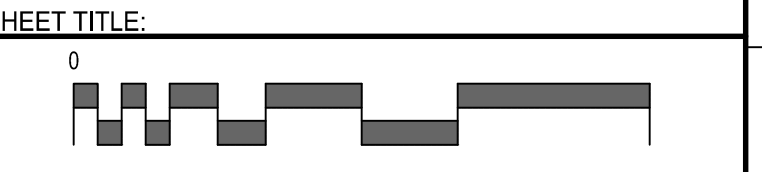
CONDITIONAL USE APPLICATION & AMENDED SITE PLAN
06-17-24

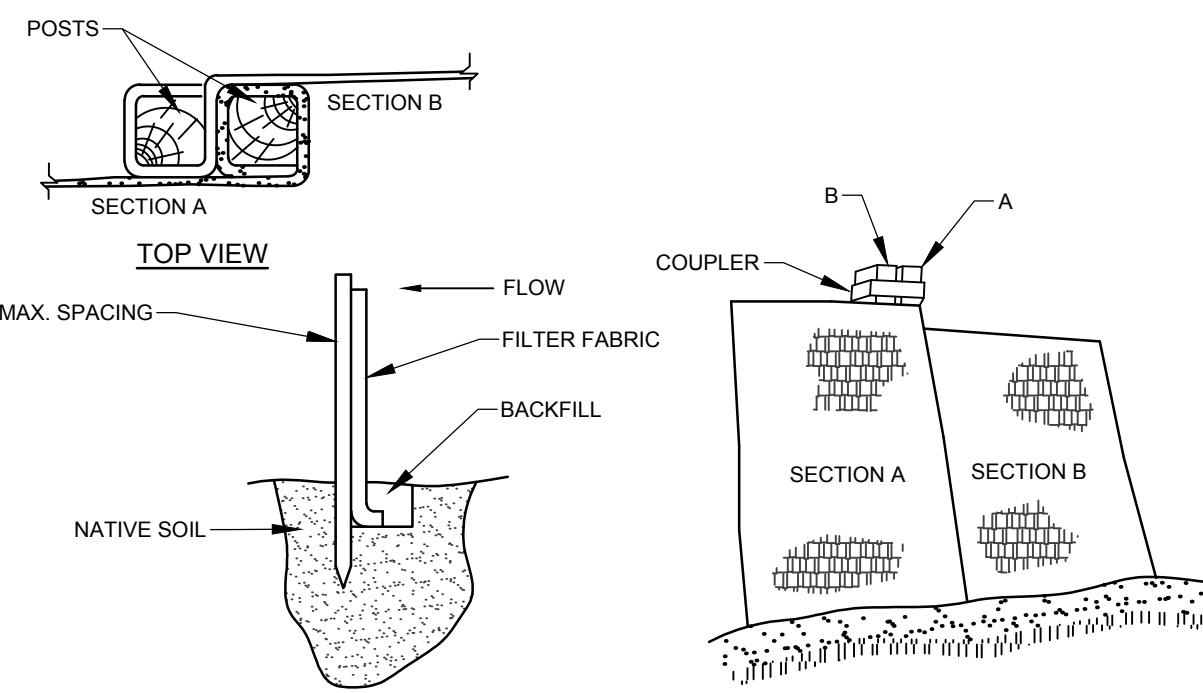
SMRT Architects and Engineers
75 Washington Ave - Suite 3A
Portland, Maine 04101
1.877.700.7678
www.smrtninc.com

MAINE DEPARTMENT OF CORRECTIONS - WOMEN'S MEDICAL HEALTH ADDITION
MAINE CORRECTIONAL CENTER
WINDHAM, MAINE CIVIL

CIVIL EROSION & SEDIMENT CONTROL NOTES

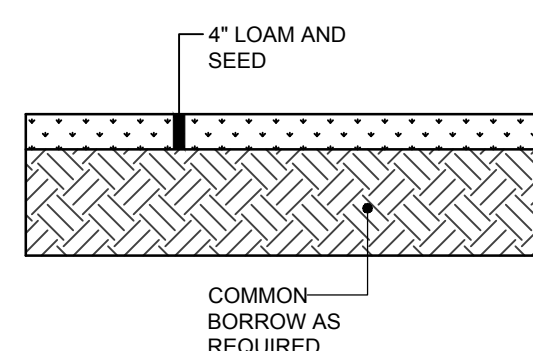
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SCALE:
PROJECT MANAGER: OAM PROJECT NO.: 17052
A/E OF RECORD: OAM
JOB CAPTAIN: BJB
DRAWN BY: BJB
SMRT FILE: 2.GC601-17052 SHEET No. 2.GC601



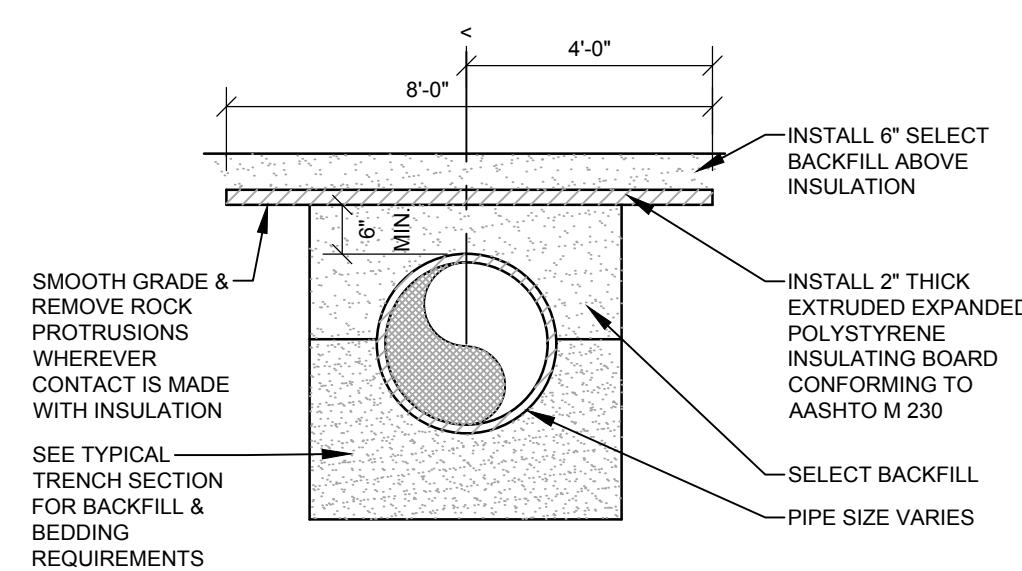


- INSTALLATION:**
- EXCAVATE A 6" x 6" TRENCH ALONG THE LINE OF PLACEMENT FOR THE FILTER BARRIER.
 - UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH.
 - DRIVE POSTS INTO THE GROUND UNTIL APPROXIMATELY 2" OF FABRIC IS LYING ON THE TRENCH BOTTOM.
 - LAY 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 TAMPING 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.

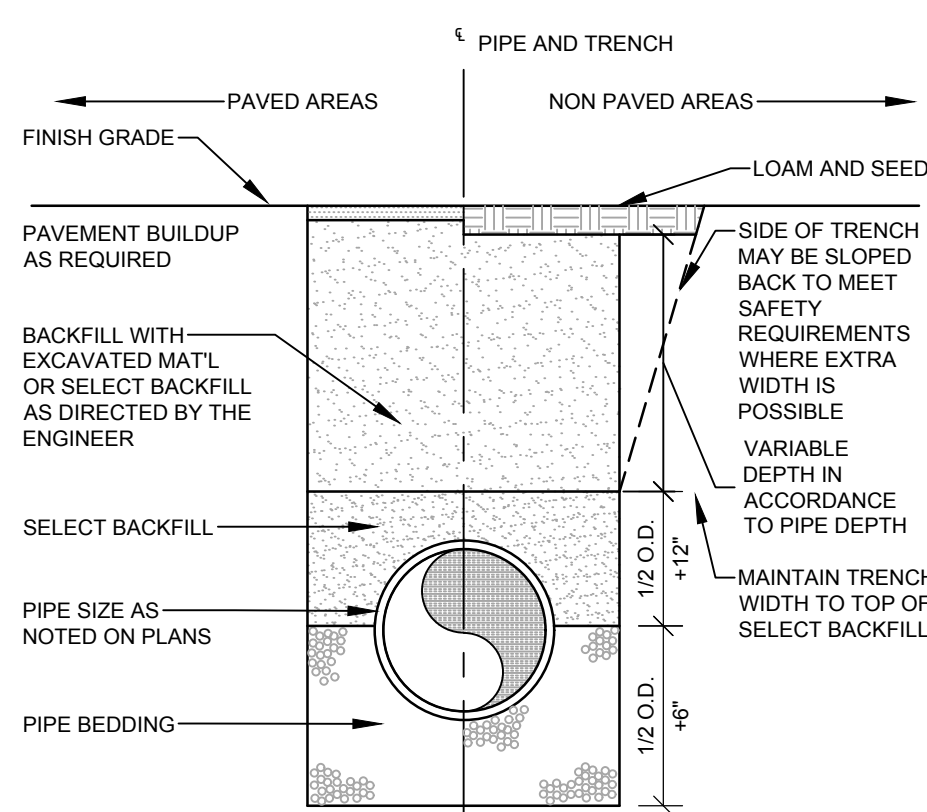
FILTER BARRIER
NOT TO SCALE



LOAM & SEED SECTION
NOT TO SCALE



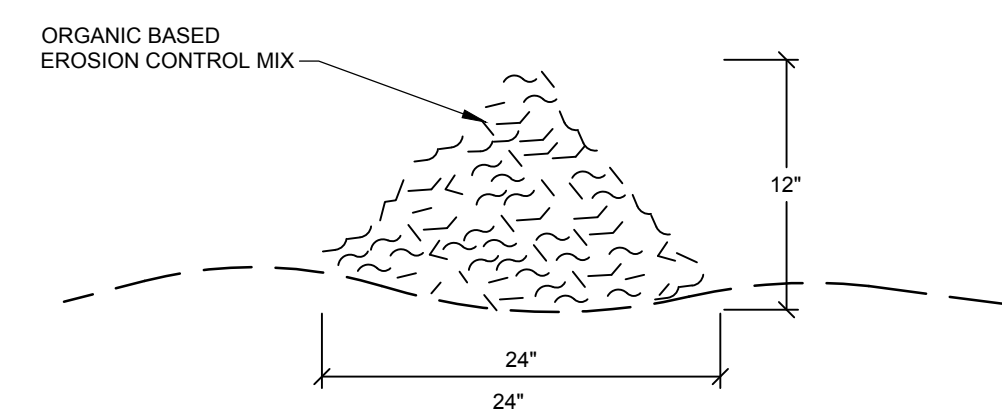
PIPE INSULATION DETAIL
NOT TO SCALE



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 703.13 3/4" CRUSHED STONE	MDOT 703.22 TYPE B UD BACKFILL, OR MDOT 703.13 3/4" CRUSHED STONE
PERFORATED PVC-SDR 35 HDPE	MDOT 703.13 3/4" CRUSHED STONE	MDOT 703.22 TYPE B UD BACKFILL, OR MDOT 703.13 3/4" CRUSHED STONE

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

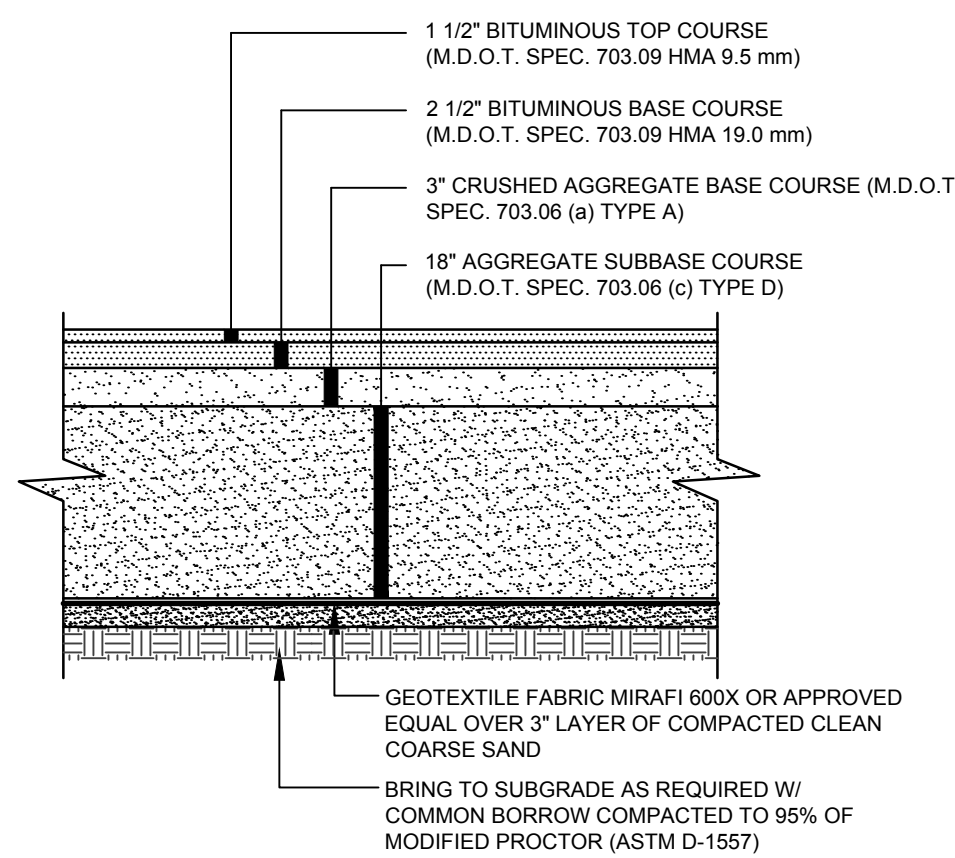
TRENCH SECTION
NOT TO SCALE



COMPOSITION:
EROSION CONTROL MIX SHALL BE MANUFACTURED ON OR OFF THE PROJECT SITE SUCH THAT ITS COMPOSITION IS IN ACCORDANCE WITH THE MDEP MAINE EROSION AND SEDIMENT CONTROL BMP MANUAL, LAST REVISED 9/2003 OR LATER. IT MUST CONSIST PRIMARILY OF ORGANIC MATERIAL, SEPARATED AT THE POINT OF GENERATION, AND MAY INCLUDE: SHREDDED BARK, STUMP GRINDINGS, COMPOSTED BARK, OR ACCEPTABLE MANUFACTURED PRODUCTS. WOOD AND BARK CHIPS, GROUND CONSTRUCTION DEBRIS OR REPROCESSED WOOD PRODUCTS WILL NOT BE ACCEPTABLE AS THE ORGANIC COMPONENT OF THE MIX.

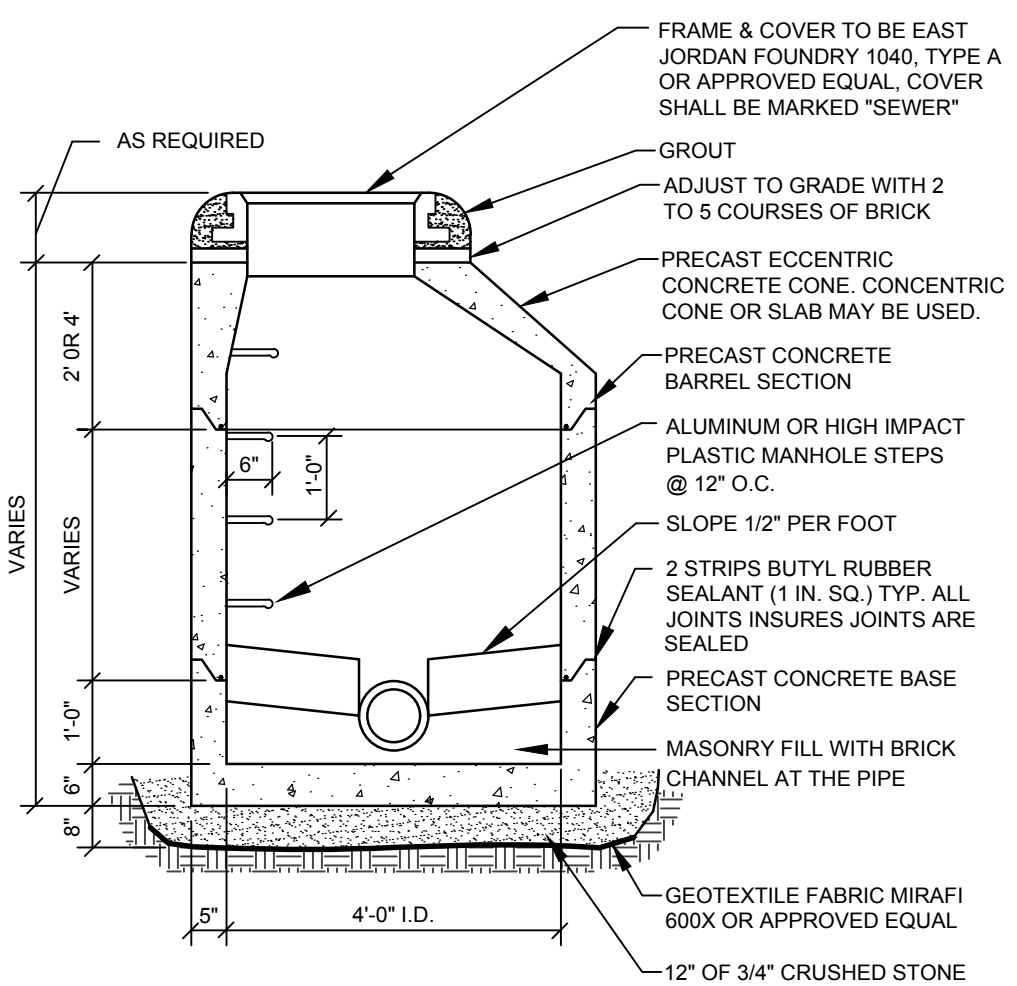
- INSTALLATION:**
- THE BARRIER MUST BE PLACED ACROSS THE SLOPE, ALONG THE CONTOUR.
 - EXISTING GROUND SHALL BE PREPARED SUCH THAT THE BARRIER MAY LIE NEARLY FLAT ALONG THE GROUND TO AVOID THE CREATION OF VOIDS AND BRIDGES IN ORDER TO MINIMIZE THE POTENTIAL OF WASH OUTS UNDER THE BARRIER.
 - THE BARRIER SHALL BE A MINIMUM OF 1 FOOT HIGH (AS MEASURED ON THE UPHILL SIDE) AND 2 FEET WIDE FOR SLOPES LESS THAN 5% IN GRADE AND SHALL BE WIDER TO ACCOMMODATE THE ADDITIONAL RUNOFF.
 - EROSION CONTROL MIX CAN BE INSTALLED WHERE SILT FENCE IS ILLUSTRATED ON THE DESIGN PLANS IN AREAS EXCEPT IN, BUT NOT LIMITED TO, THE FOLLOWING AREAS: WETLAND AREAS, AT POINTS OF CONCENTRATED FLOW; BELOW CULVERT OUTLET APRONS, AROUND CATCH BASINS AND CLOSED STORM SYSTEMS AND AT THE BOTTOM OF STEEP SLOPES THAT ARE MORE THAN 50 FEET FROM TOP TO BOTTOM.

EROSION CONTROL MIX BERM
NOT TO SCALE



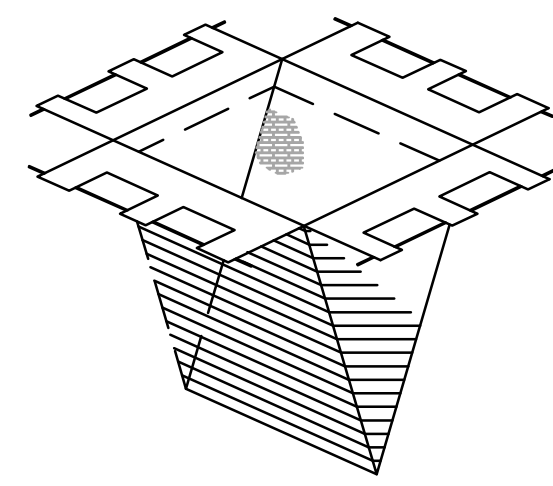
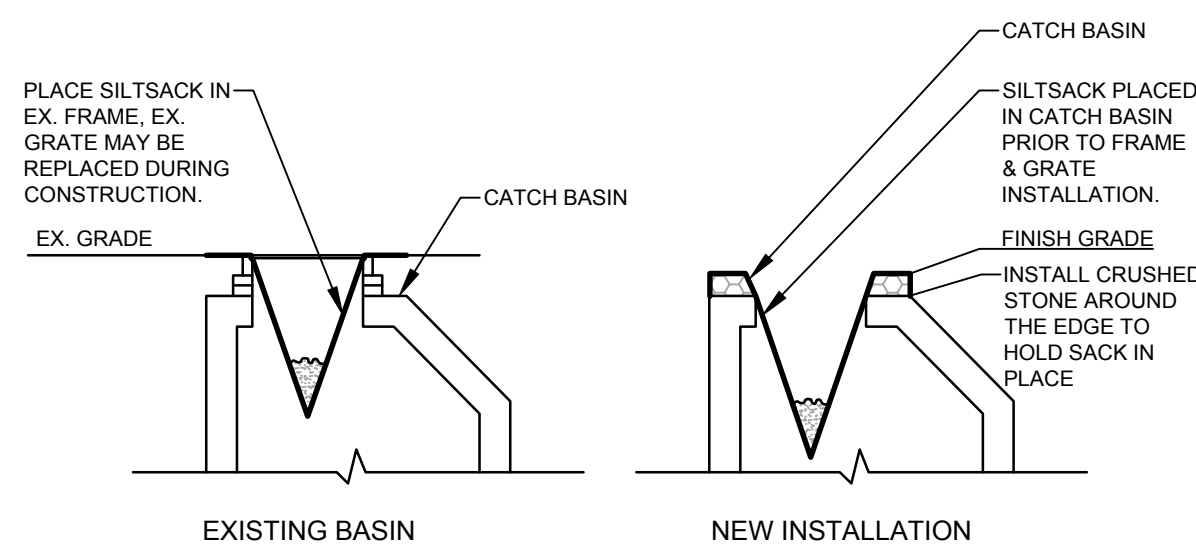
- NOTES:**
- COMPACT GRAVEL SUBBASE AND BASE COURSES TO 95% OF MAXIMUM DENSITY USING HEAVY ROLLER COMPACTION.
 - HOT MIX ASPHALT SURFACE COARSE SHALL BE COMPACTED TO 95% OF ITS THEORETICAL MAXIMUM DENSITY (ASTM D-2041). BASE COURSE SHALL BE COMPACTED TO 95% ± 2% OF ITS THEORETICAL MAXIMUM DENSITY (ASTM D-2041).
 - APPLY TACK COAT BETWEEN SUCCESSIVE LIFTS OF BITUMINOUS PAVEMENT.
 - CONTRACTOR SHALL SET GRADE STAKES MARKING SUBBASE AND FINISH GRADE ELEVATIONS FOR CONSTRUCTION REFERENCE.

VEHICULAR PAVEMENT SECTION
NOT TO SCALE



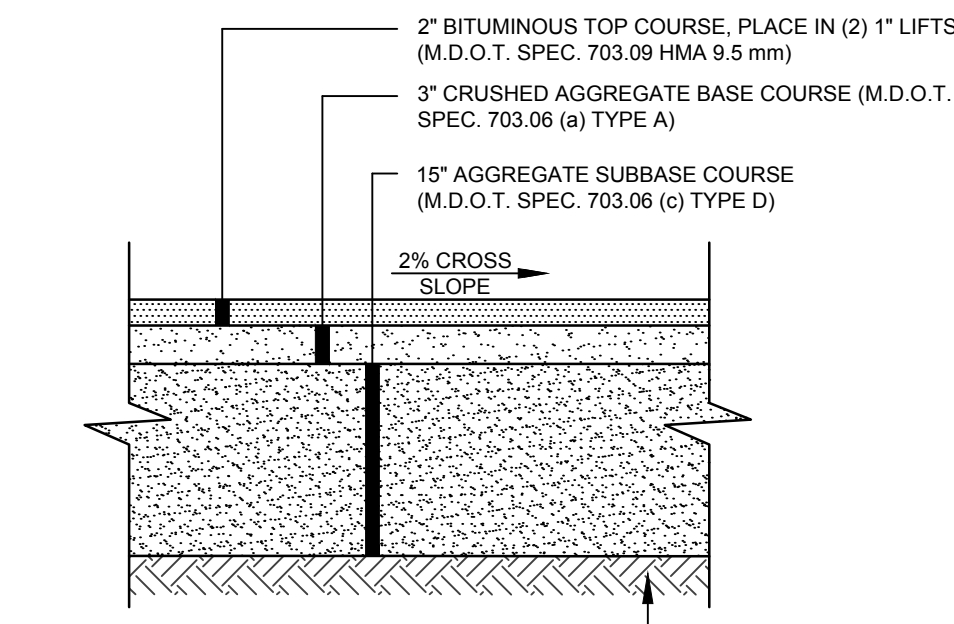
- NOTES:**
- PIPE CONNECTIONS SHALL BE WATERTIGHT FLEXIBLE BOOT CONNECTORS.
 - ALL PRECAST SECTIONS SHALL RECEIVE AN AQUA SAFE COATING, APPLIED PER MANUFACTURER RECOMMENDATIONS.
 - BACKFILL WITH COMPACTED STRUCTURAL FILL.

PRECAST SEWER MANHOLE
NOT TO SCALE



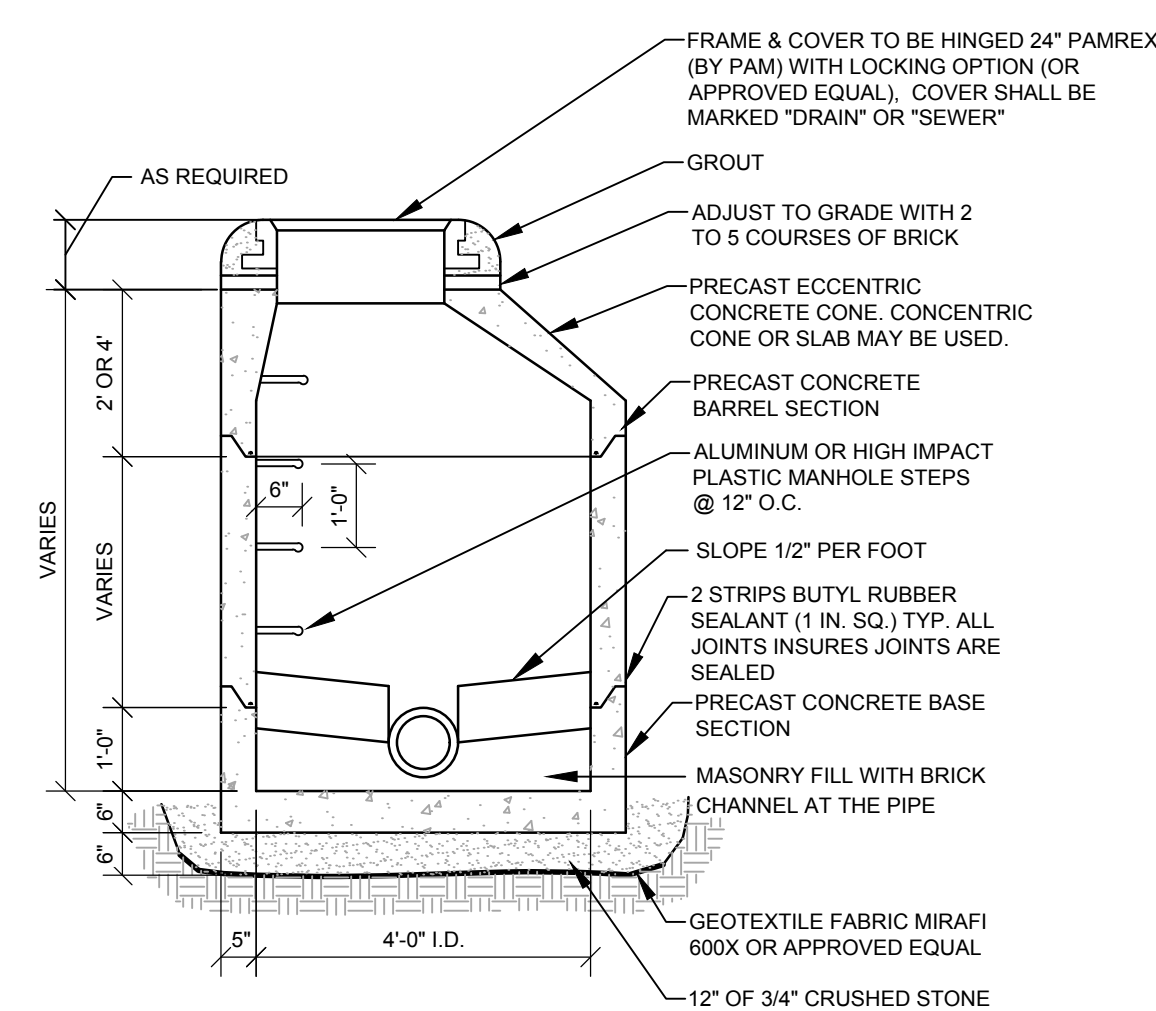
- NOTES:**
PRIOR TO FINAL GRADING AND PAVING OPERATIONS BEGIN A CATCH BASIN INSERT (SUCH AS A SILT SACK OR A DANDY BAG II) MUST BE INSTALLED IN EACH BASIN PER MANUFACTURERS INSTRUCTIONS. HAY BALES SHOULD BE REMOVED ONCE INSERTS ARE INSTALLED.

CATCH BASIN PROTECTION DETAIL
NOT TO SCALE



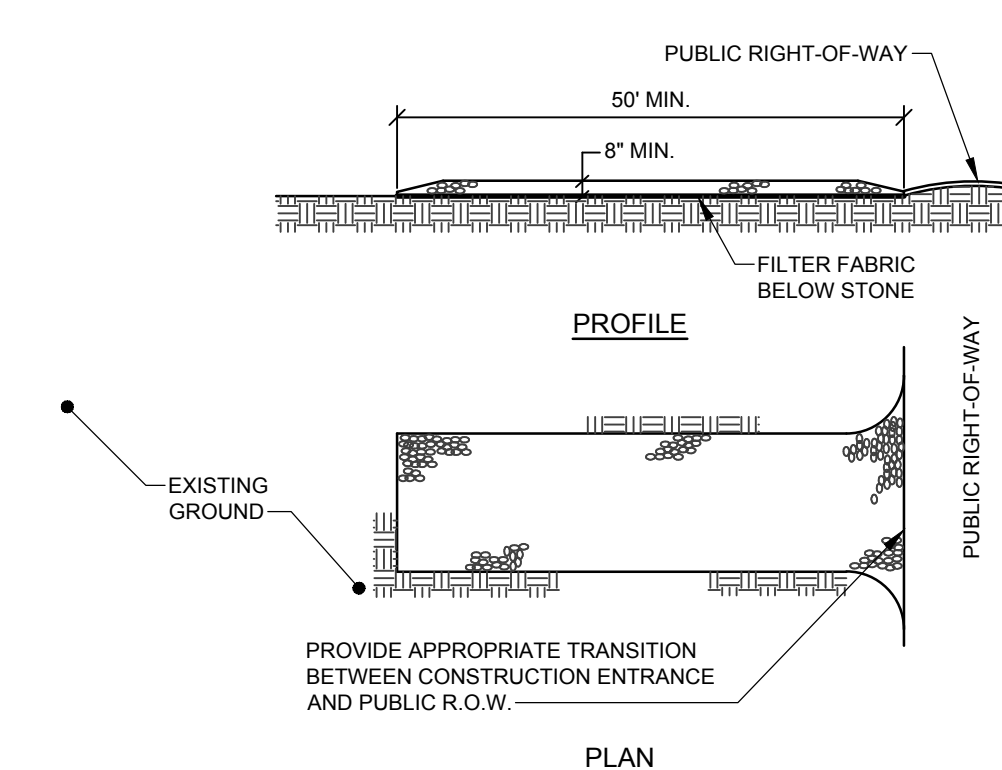
- NOTES:**
- COMPACT GRAVEL SUBBASE AND BASE COURSES TO 95% OF MAXIMUM DENSITY USING HEAVY ROLLER COMPACTION.
 - HOT MIX ASPHALT SURFACE COARSE SHALL BE COMPACTED TO 95% OF ITS THEORETICAL MAXIMUM DENSITY (ASTM D-2041). BASE COURSE SHALL BE COMPACTED TO 95% ± 2% OF ITS THEORETICAL MAXIMUM DENSITY (ASTM D-2041).
 - APPLY TACK COAT BETWEEN SUCCESSIVE LIFTS OF BITUMINOUS PAVEMENT.
 - CONTRACTOR SHALL SET GRADE STAKES MARKING SUBBASE AND FINISH GRADE ELEVATIONS FOR CONSTRUCTION REFERENCE.

PEDESTRIAN (WALKWAY) PAVEMENT
NOT TO SCALE



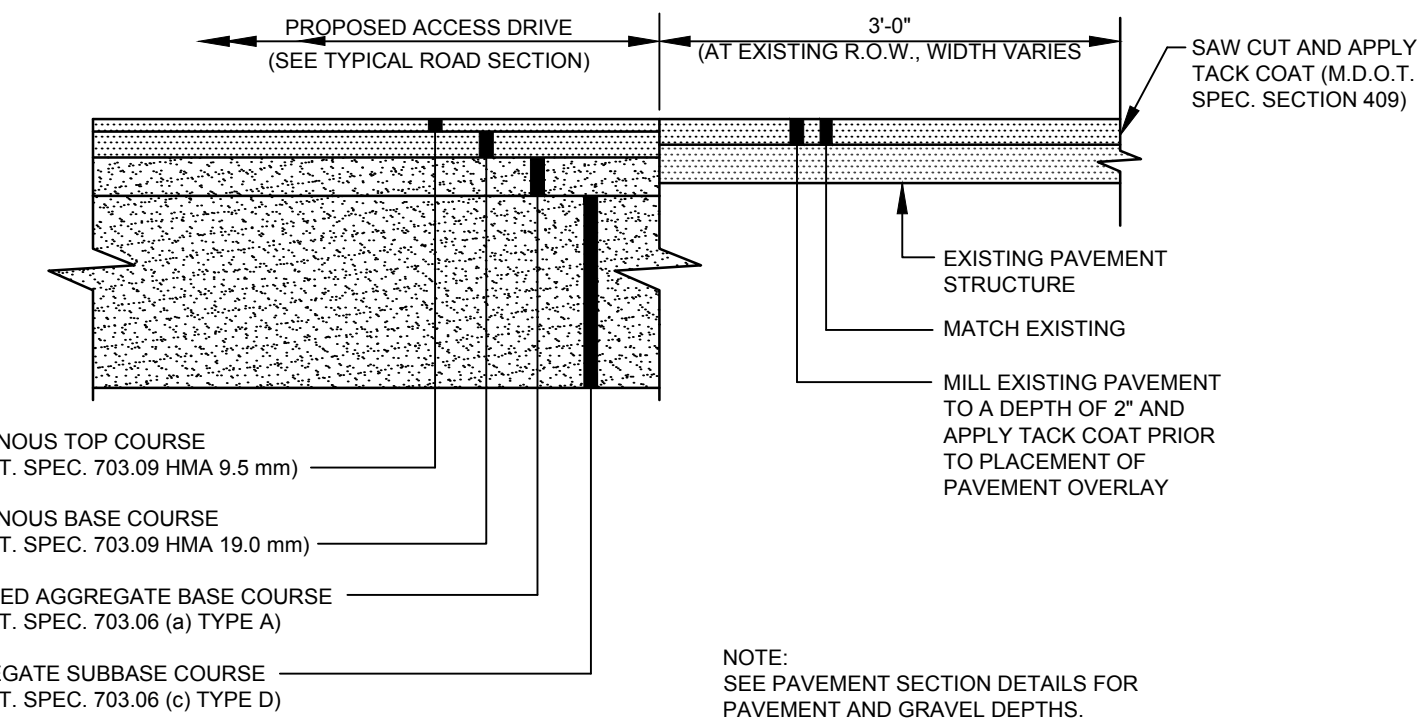
- NOTES:**
- PIPE CONNECTIONS SHALL BE WATERTIGHT FLEXIBLE BOOT CONNECTORS.
 - PIPE SIZES AND INVERTS AS NOTED ON PLANS.
 - PIPE CONNECTIONS SHALL BE WATERTIGHT FLEXIBLE BOOT CONNECTORS.
 - BACKFILL WITH COMPACTED STRUCTURAL FILL.

PRECAST MANHOLE
NOT TO SCALE



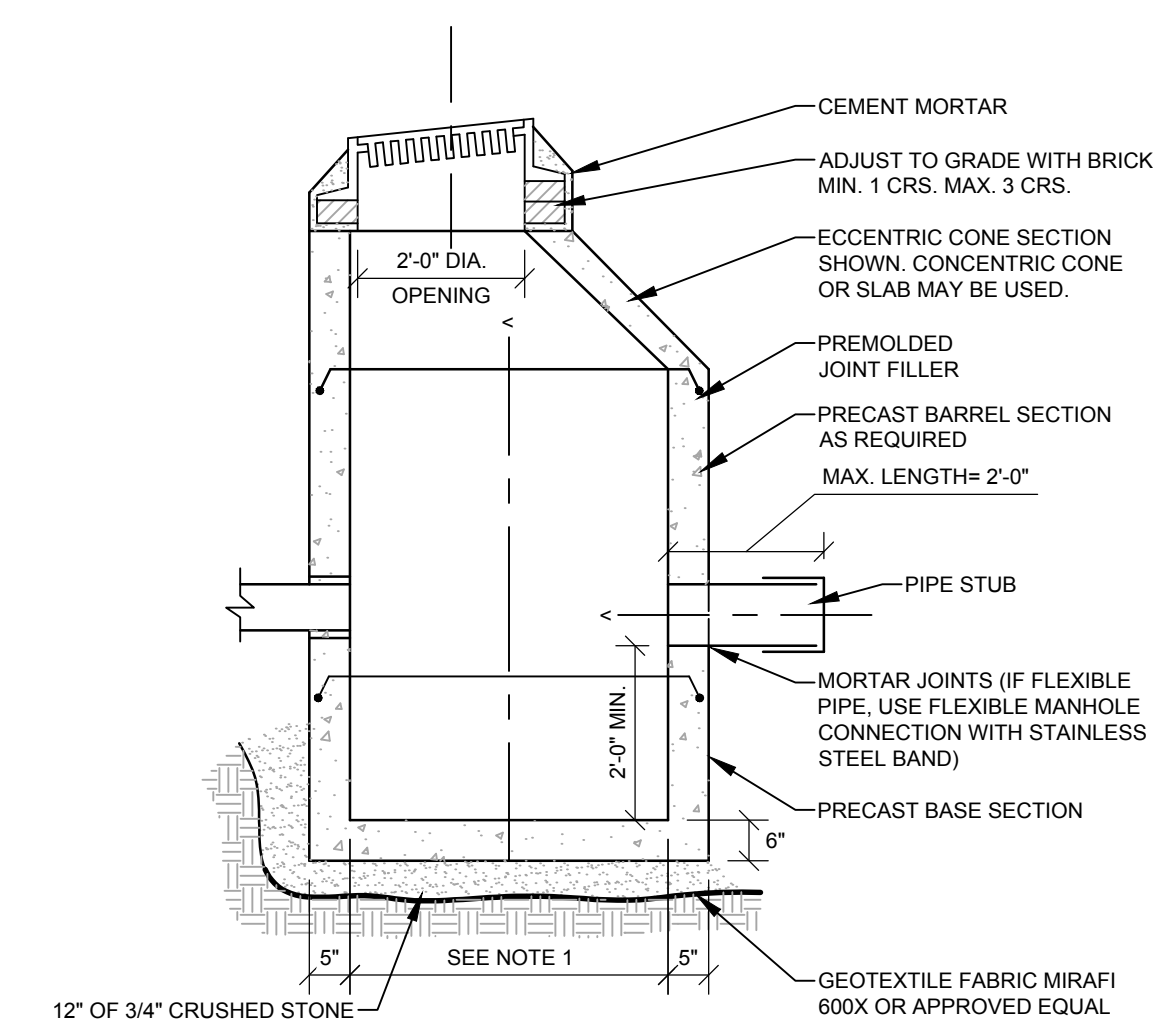
- NOTES:**
- STONE SIZE- AASHTO DESIGNATION M43, SIZE NO. 2 (2 1/2" TO 1 1/2"), USE CRUSHED STONE.
 - LENGTH- AS SHOWN ON PLANS, MIN. 50 FEET.
 - THICKNESS- NOT LESS THAN EIGHT (8) INCHES.
 - WIDTH- NOT LESS THAN FULL WIDTH OF ALL POINT OF INGRESS OR EGRESS.
 - MAINTENANCE- THE ENTRANCE SHALL BE MAINTAINED 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.

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



- NOTES:**
SEE PAVEMENT SECTION DETAILS FOR PAVEMENT AND GRAVEL DEPTHS.

TYPICAL PAVEMENT JOINT
NOT TO SCALE



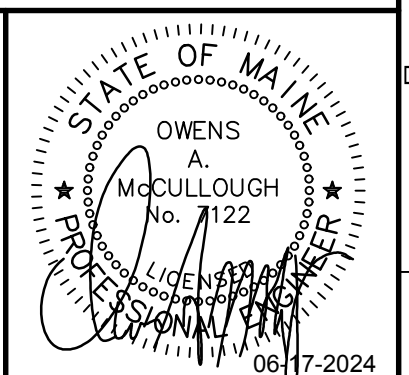
- NOTES:**
- 4" O.D. TYPICAL. SOME STRUCTURES MAY REQUIRE LARGER I.D. PROVIDE SHOP DRAWINGS.
 - DRAINAGE STRUCTURES TO BE DESIGNED FOR H-20 LOADING.
 - PIPE SIZES AND INVERTS AS NOTED ON PLANS.
 - CATCH BASIN FRAME AND GRATE TO BE HINGED 24" SQUARE REXUS (BY PAM) WITH LOCKING OPTION (OR APPROVED EQUAL).
 - BACKFILL WITH COMPACTED STRUCTURAL FILL.

CATCH BASIN
NOT TO SCALE

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REV	DESCRIPTION	DATE

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06-17-24
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MAINE DEPARTMENT OF CORRECTIONS - WOMEN'S MEDICAL HEALTH ADDITION

MAINE CORRECTIONAL CENTER
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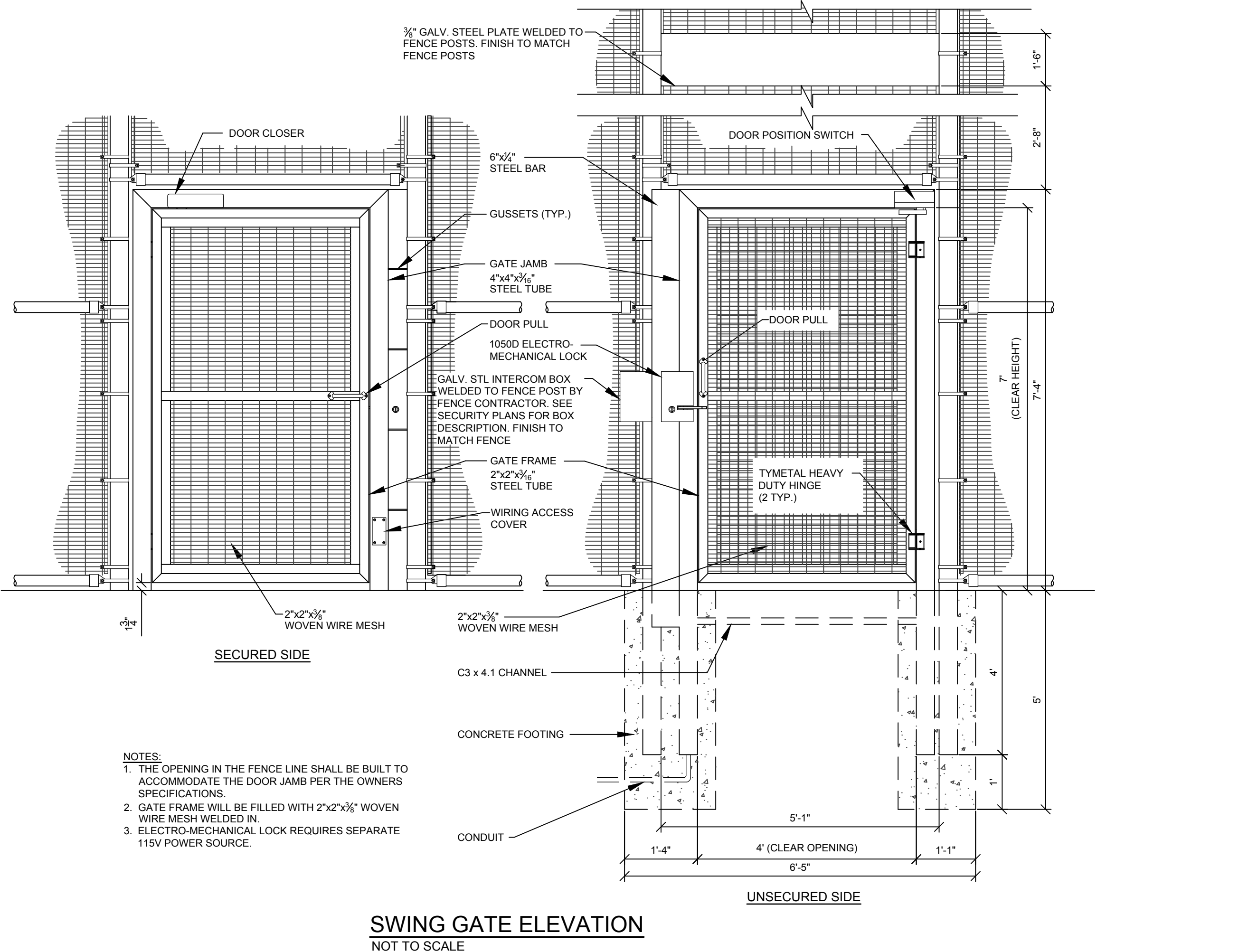
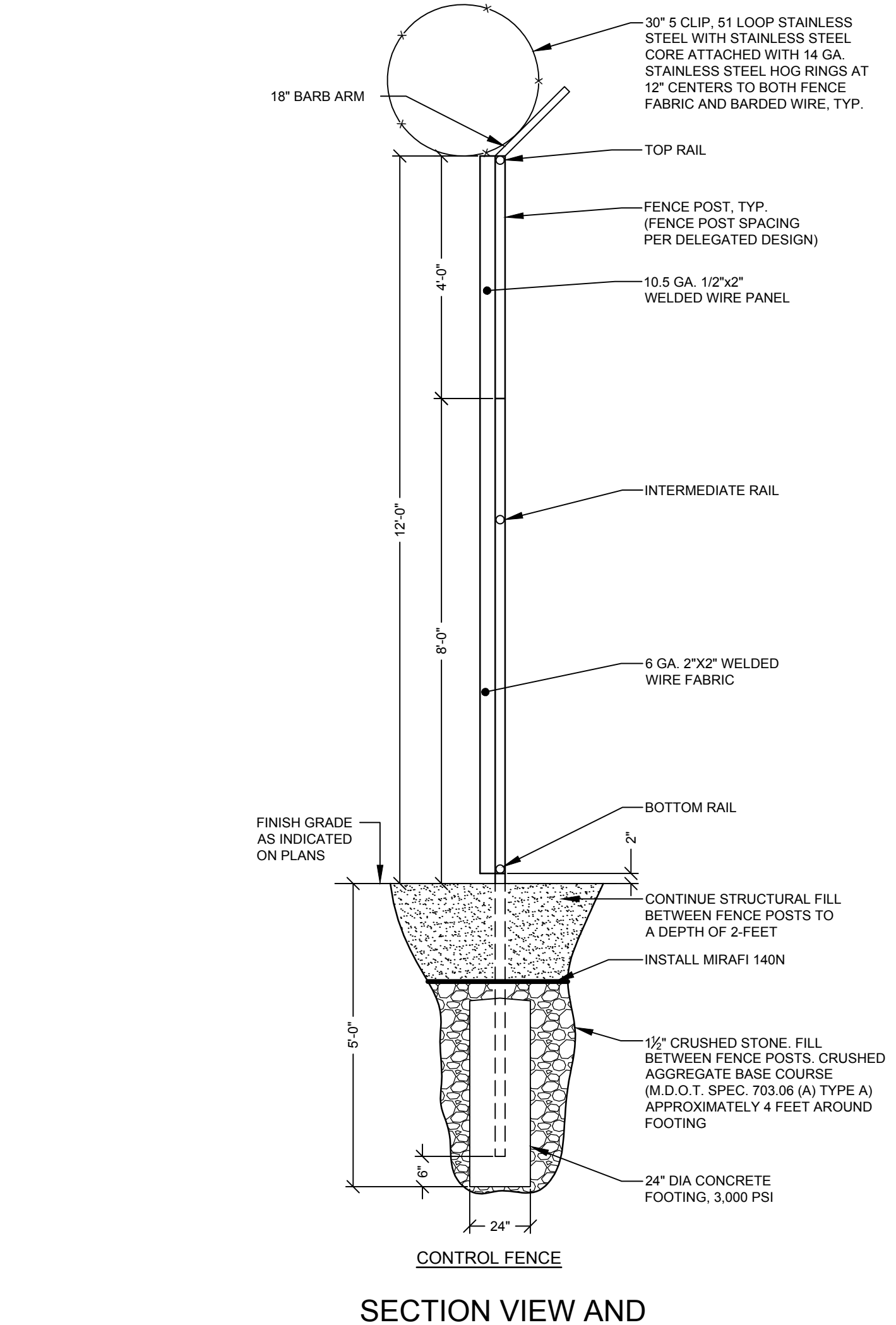
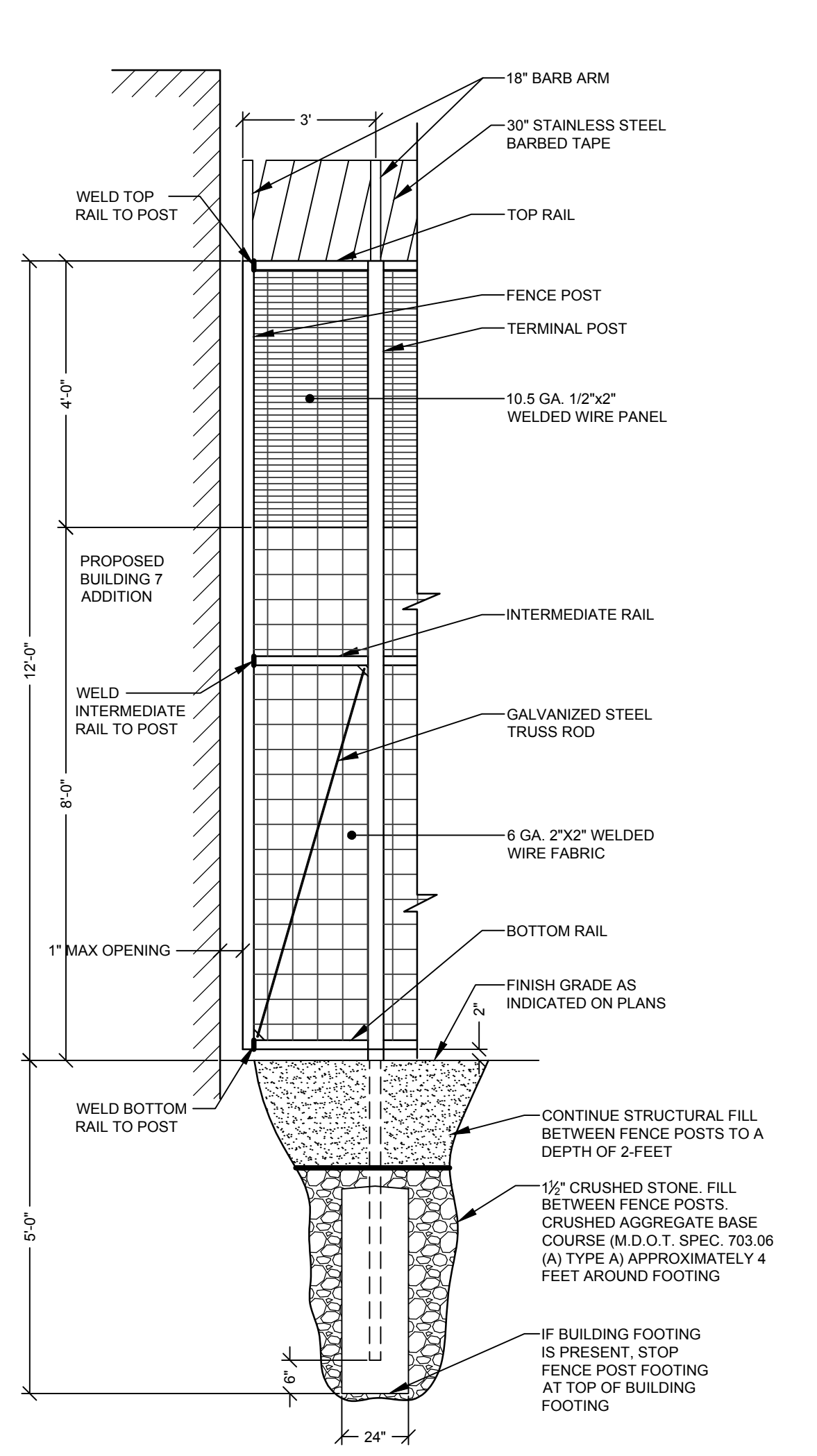
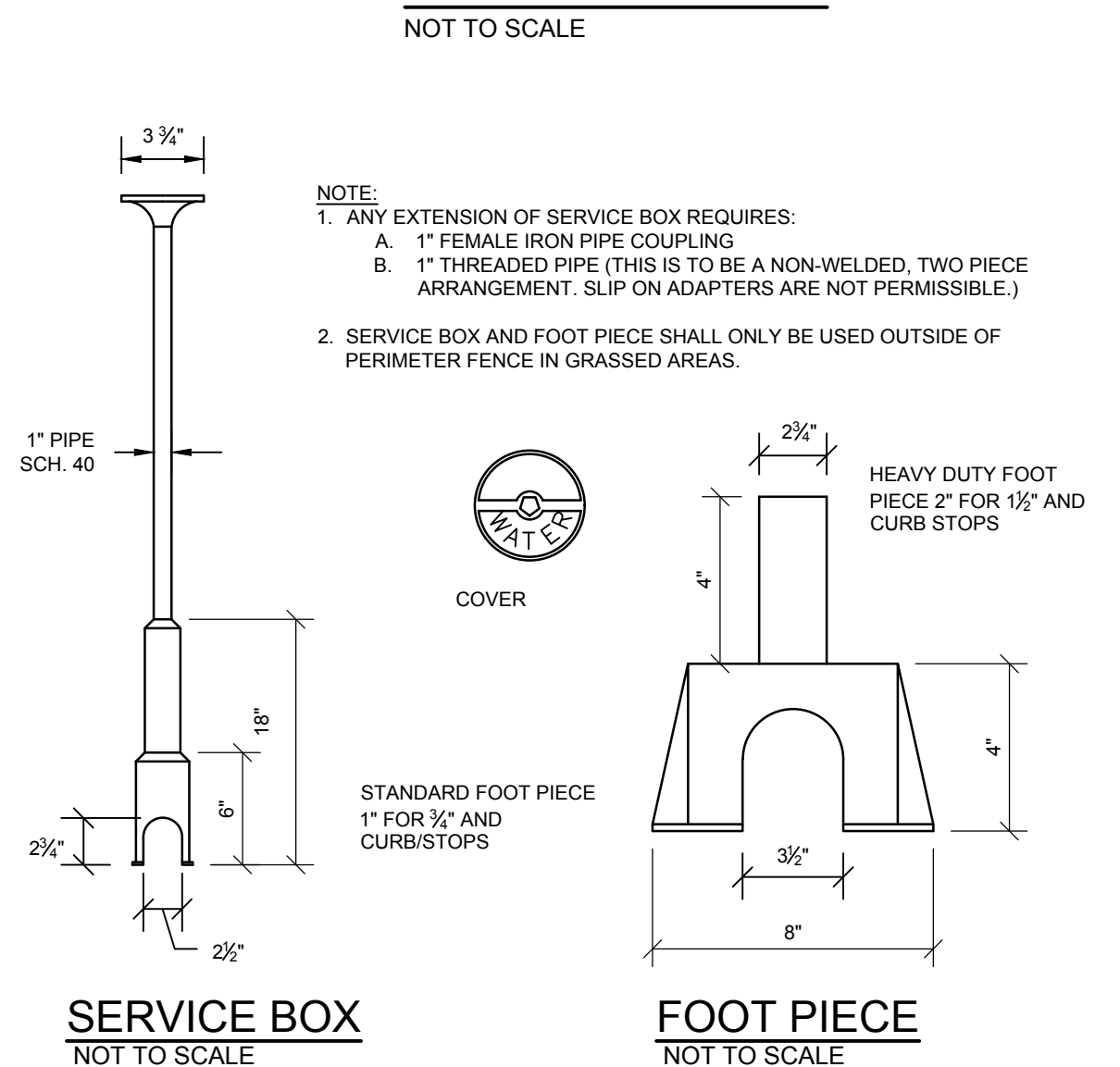
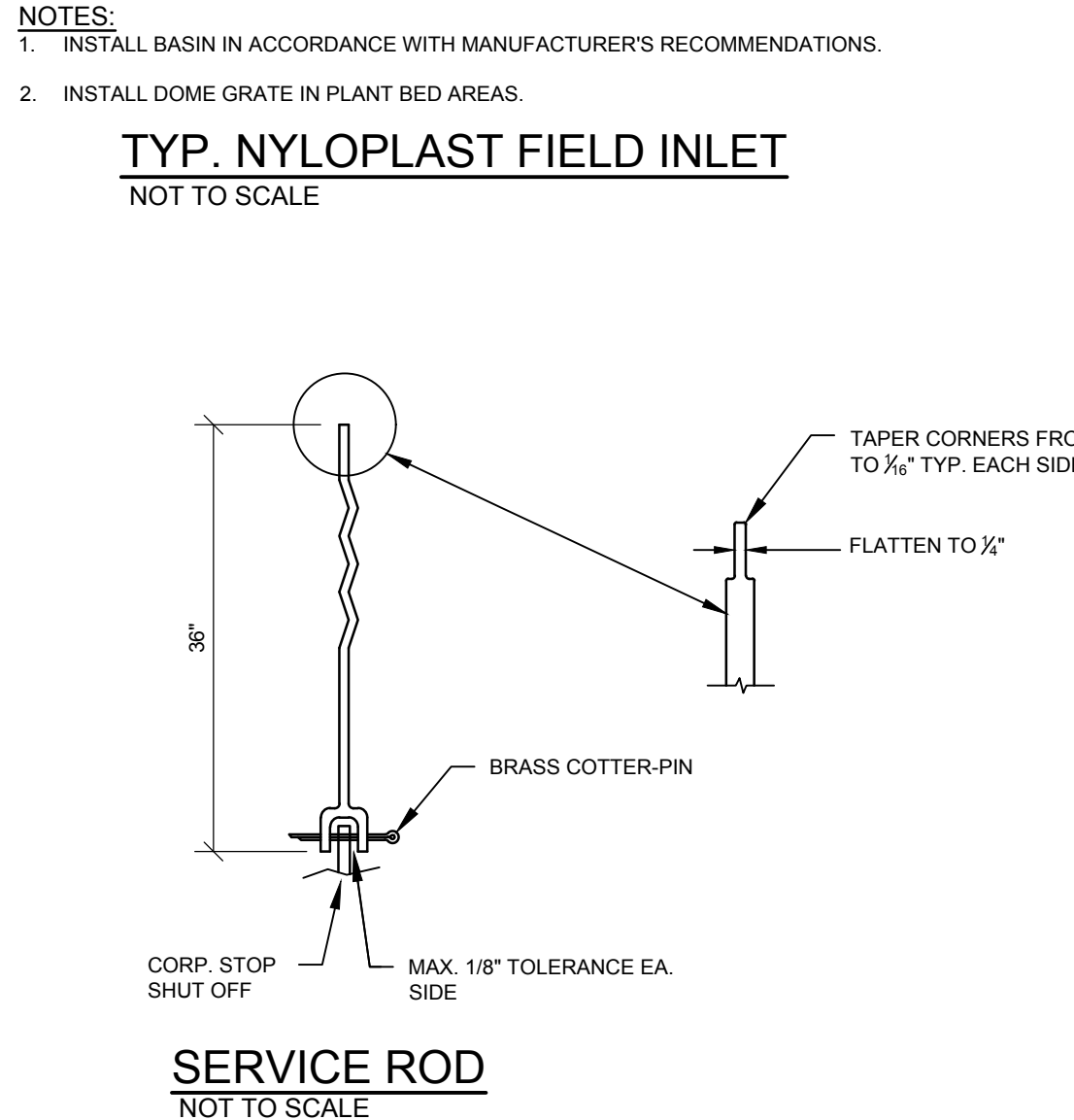
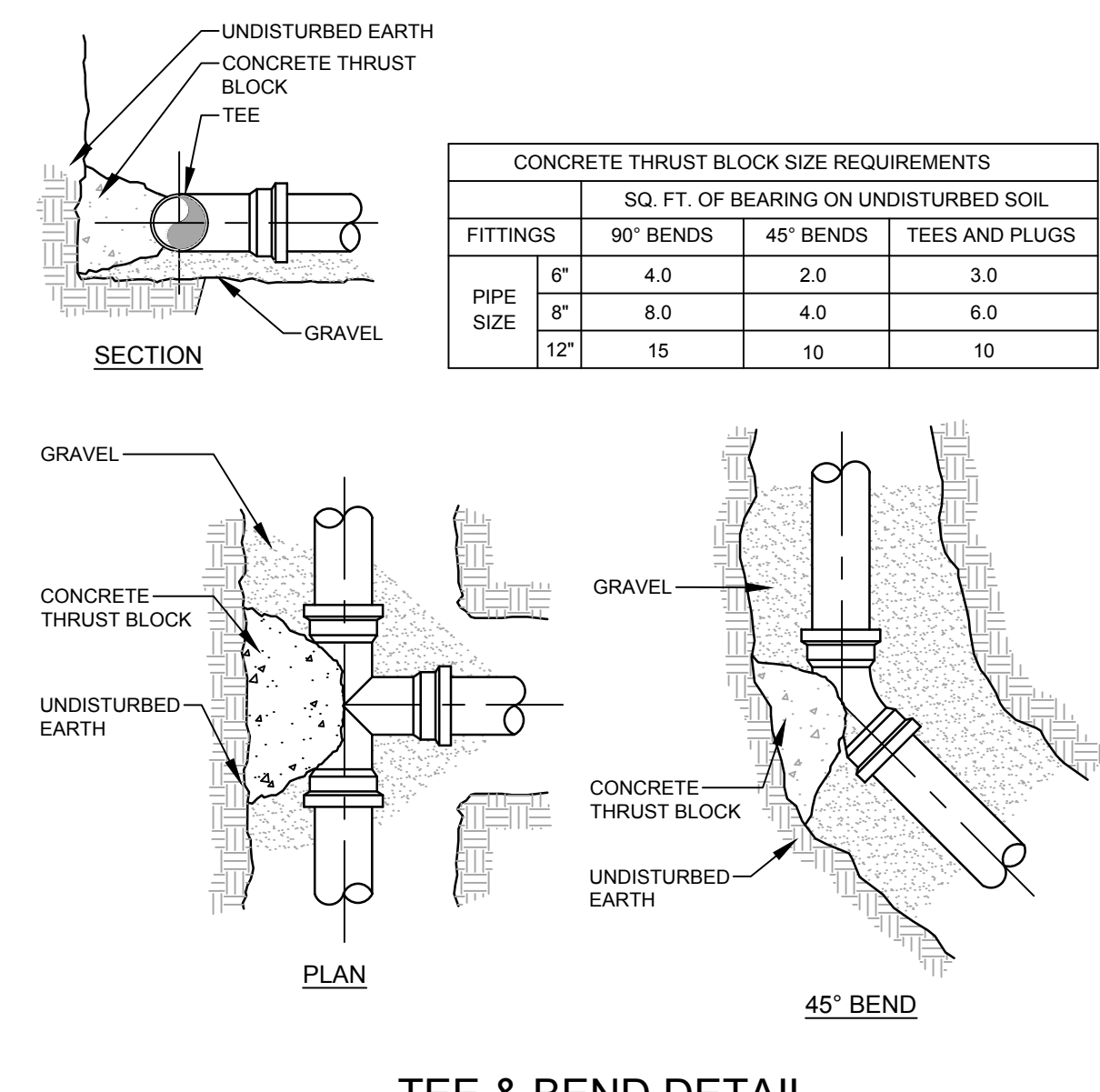
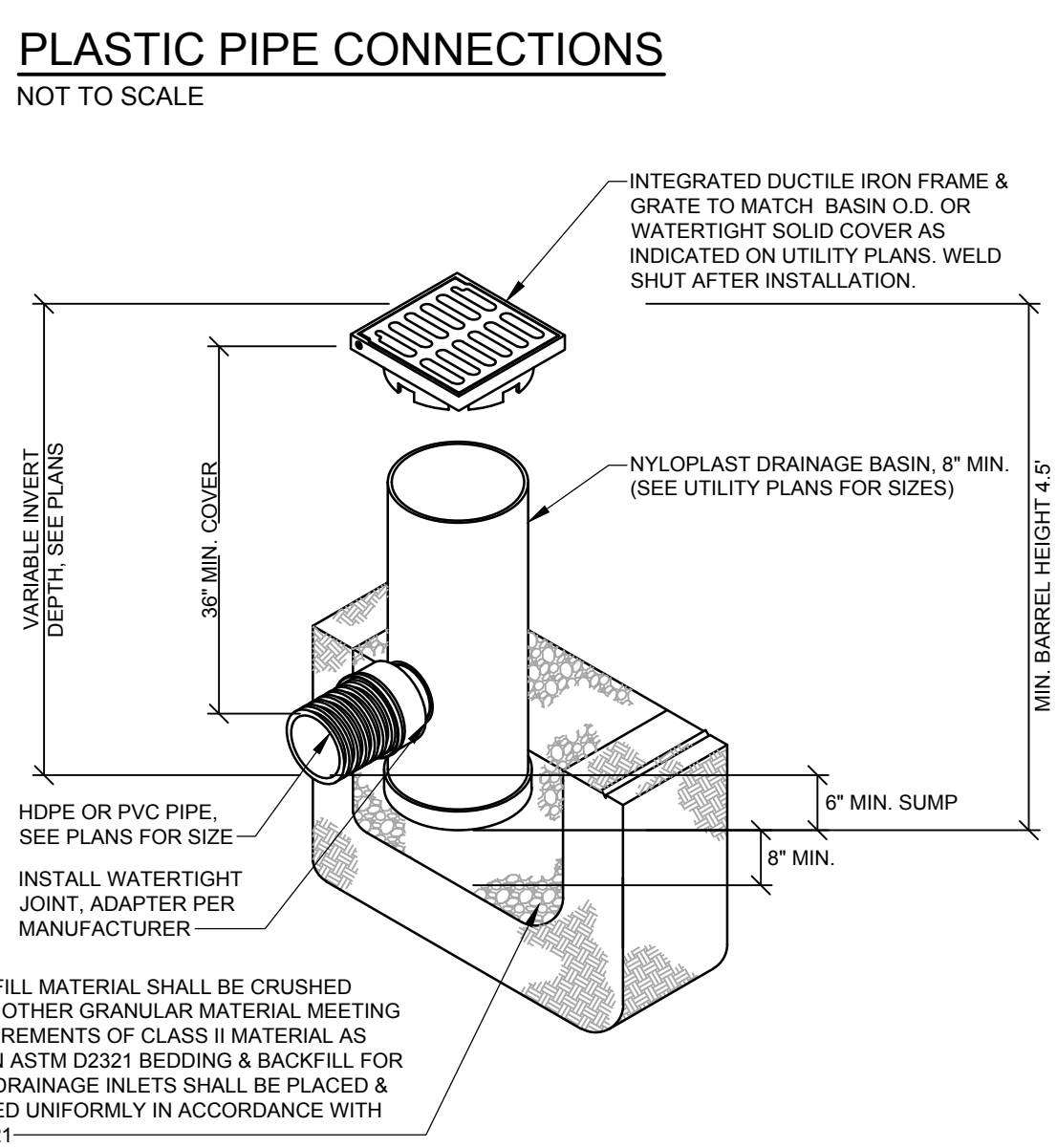
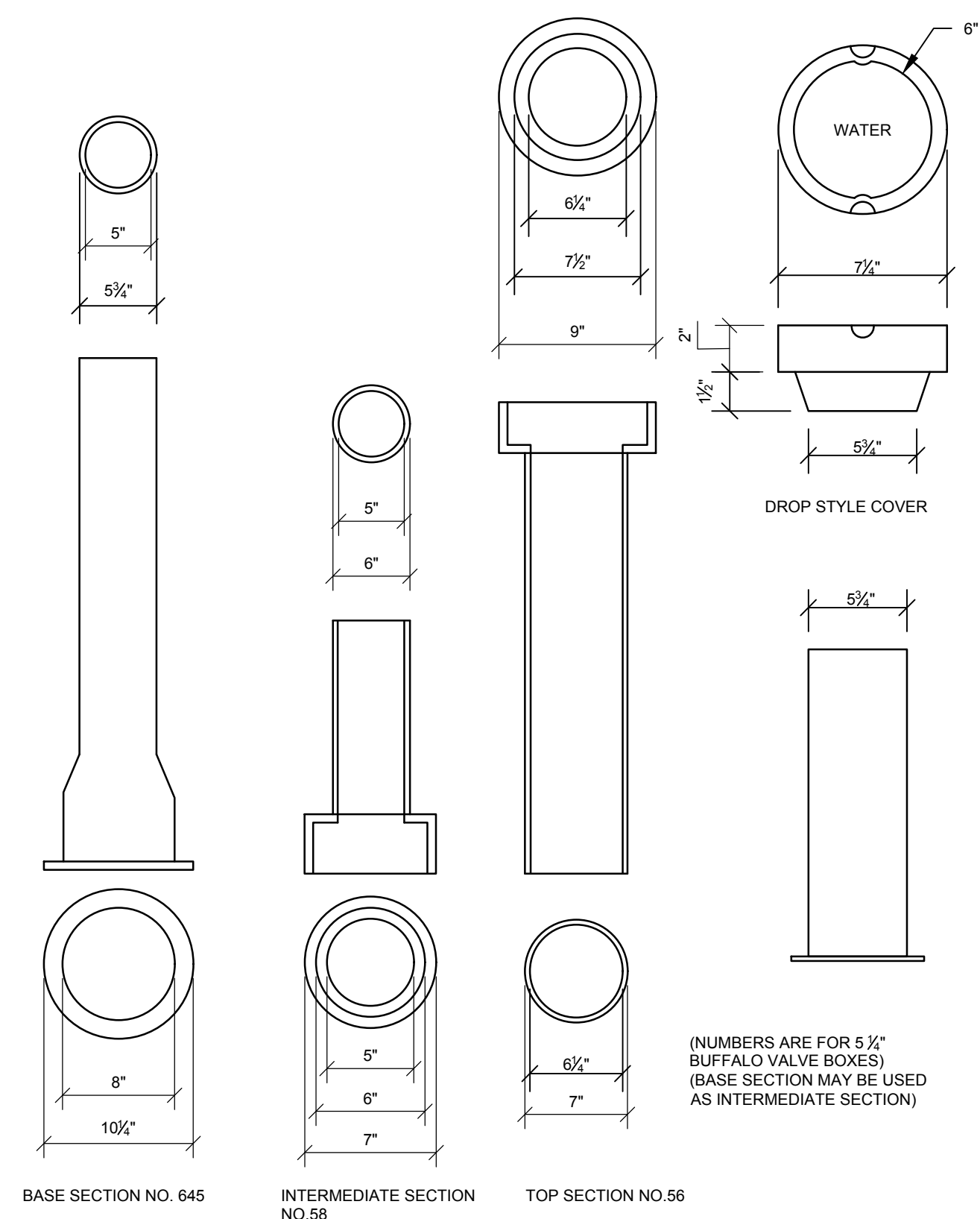
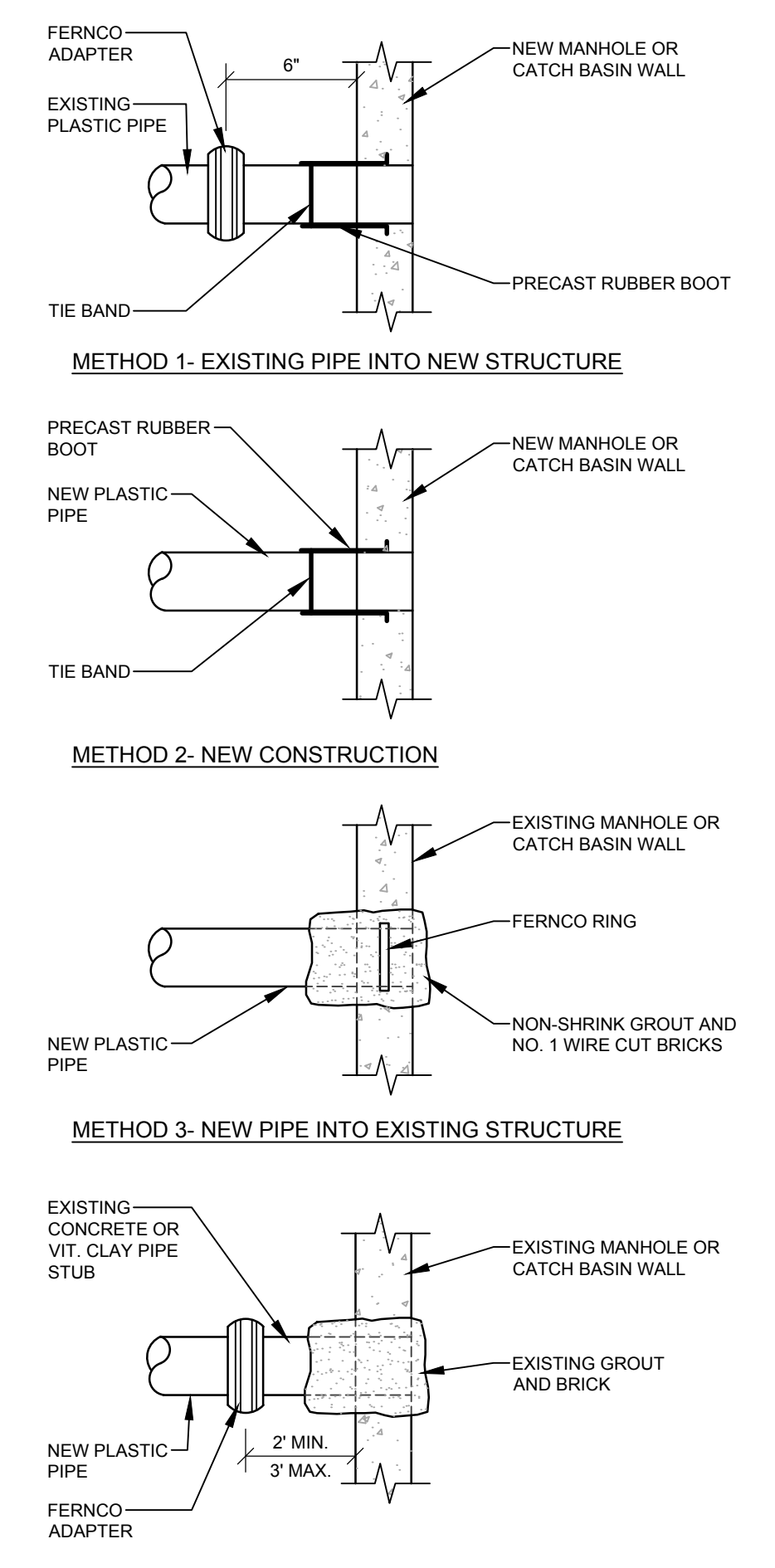
CIVIL EROSION & SEDIMENT CONTROL DETAILS & CIVIL DETAILS

SHEET TITLE:

SCALE:

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JOB CAPTAIN:	BJB		
DRAWN BY:	BJB		
SMRT FILE:	2.GC602-17052	SHEET NO.:	2.GC602

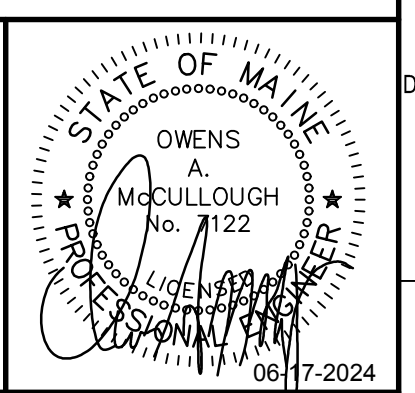
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REV	DESCRIPTION	DATE
A	ISSUED FOR TOWN REVIEW	06-17-24

CONDITIONAL USE APPLICATION & AMENDED SITE PLAN
06-17-24
CURRENT ISSUE STATUS:

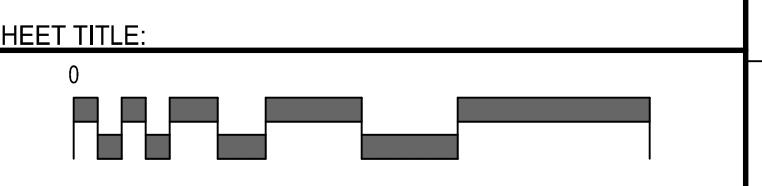


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MAINE DEPARTMENT OF CORRECTIONS - WOMEN'S MEDICAL HEALTH ADDITION

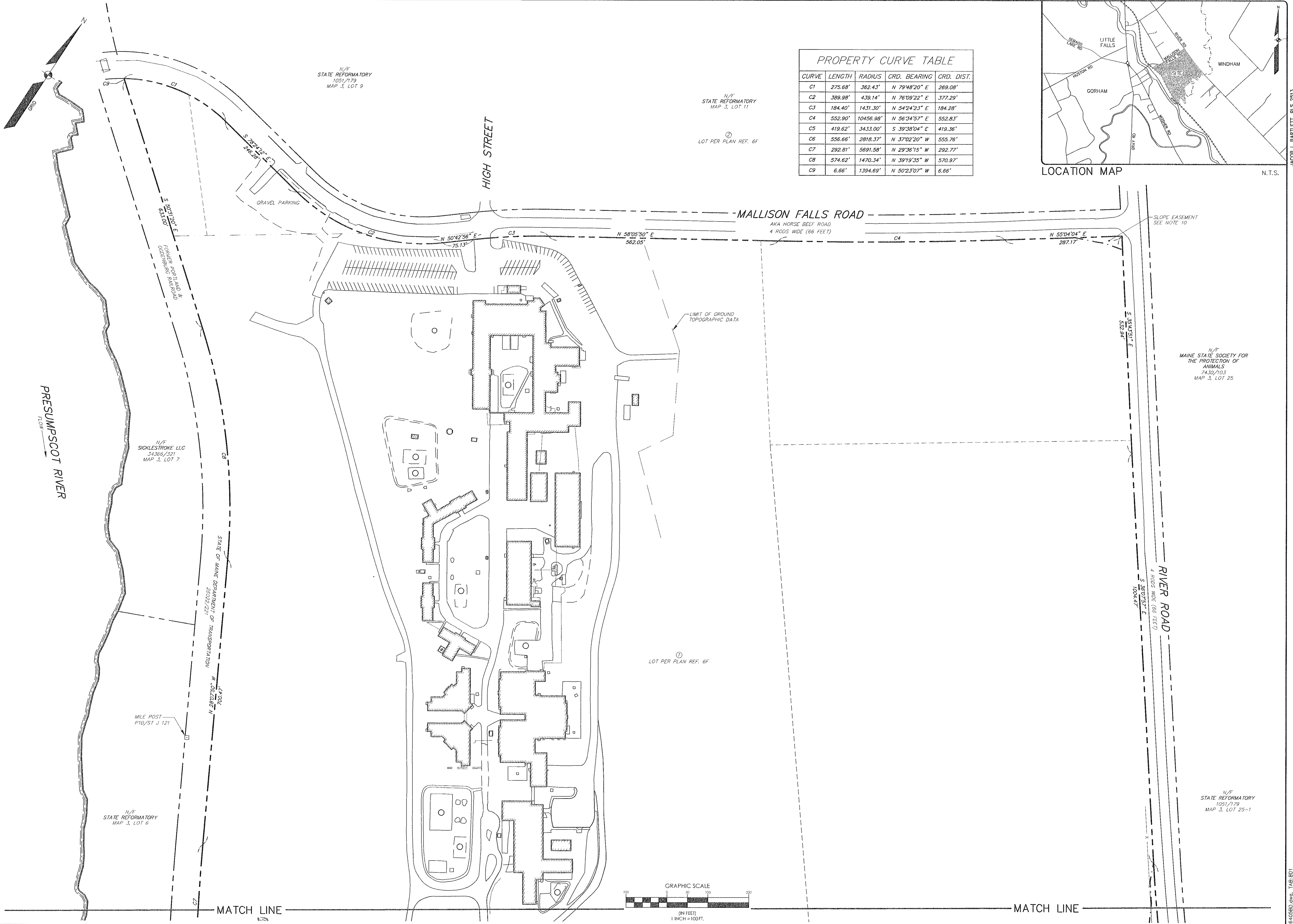
MAINE CORRECTIONAL CENTER
WINDHAM, MAINE CIVIL

CIVIL DETAILS



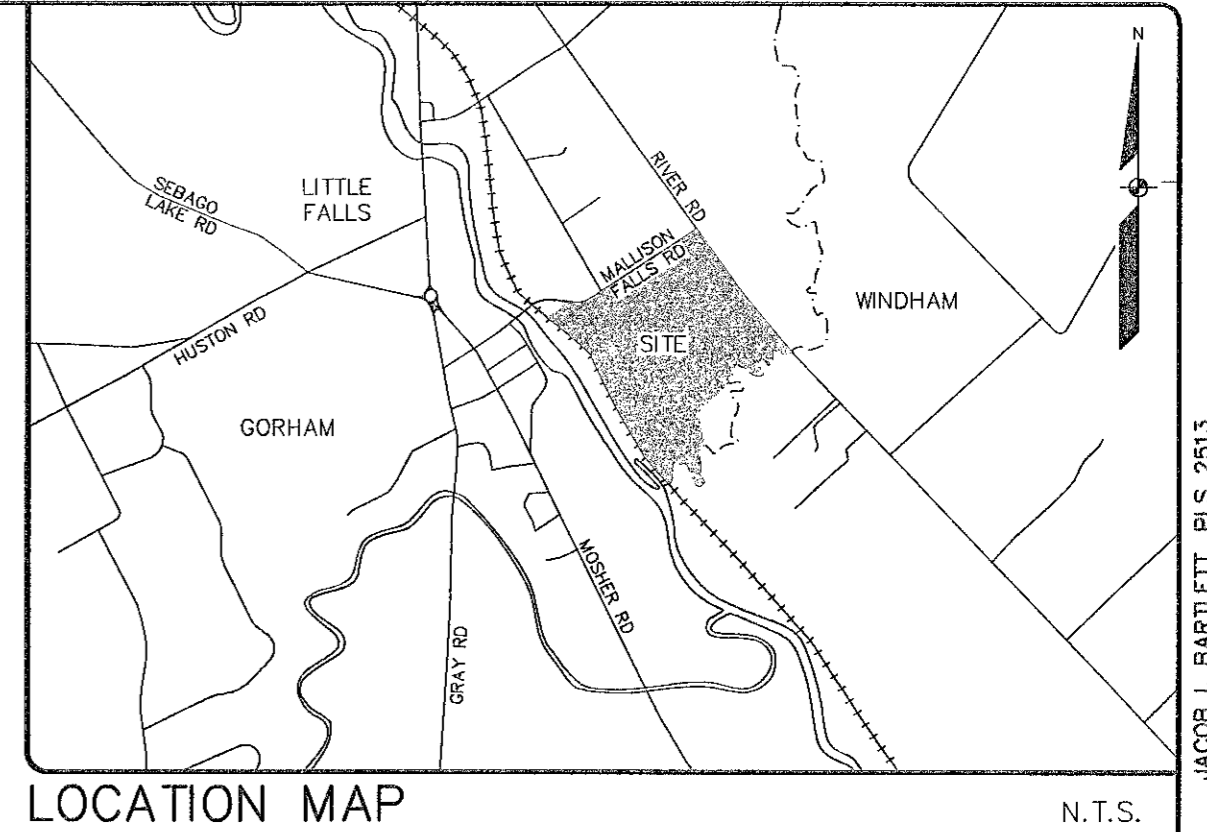
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A/E OF RECORD: OAM
JOB CAPTAIN: BJB
DRAWN BY: BJB
SMRT FILE: 2.GC603-17052 SHEET No. 2.GC603

NOT FOR CONSTRUCTION



PROPERTY CURVE TABLE

CURVE	LENGTH	RADIUS	CRD. BEARING	CRD. DIST.
C1	275.68'	362.43'	N 79°48'20" E	269.08'
C2	389.98'	439.14'	N 76°09'22" E	377.29'
C3	184.40'	1431.30'	N 54°24'23" E	184.28'
C4	552.90'	10456.98'	N 56°34'57" E	552.83'
C5	419.62'	3433.00'	S 39°38'04" E	419.36'
C6	556.66'	2818.37'	N 37°02'20" W	555.76'
C7	292.81'	5691.58'	N 29°36'15" W	292.77'
C8	574.62'	1470.34'	N 39°19'35" W	570.97'
C9	6.66'	1394.69'	N 50°23'07" W	6.66'



N.T.S.

JACOB L. BARTLETT, PLS 2513

DATE	ISSUED TO	FOR
02-04-19	ISSUED TO CLIENT FOR REVIEW	

REVISIONS:

NO.	DATE	DESCRIPTION
1		

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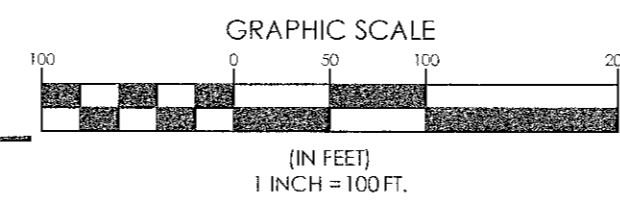
75 John Roberts Rd.
Suite 4A
Portland, ME 04106
Tel: 207-200-2100

BOUNDARY PLAN
OF:
MAINE CORRECTIONAL CENTER
17 MALLISON FALLS ROAD
WINDHAM, MAINE

FOR:
SMART, INC.
147 FORE STREET, P.O. BOX 618
PORTLAND, ME 04104

PROJECT NO. 16405 SCALE 1" = 100'

SHEET 1 OF 2



MATCH LINE

MATCH LINE

16405BD.dwg, TAB:BD1

