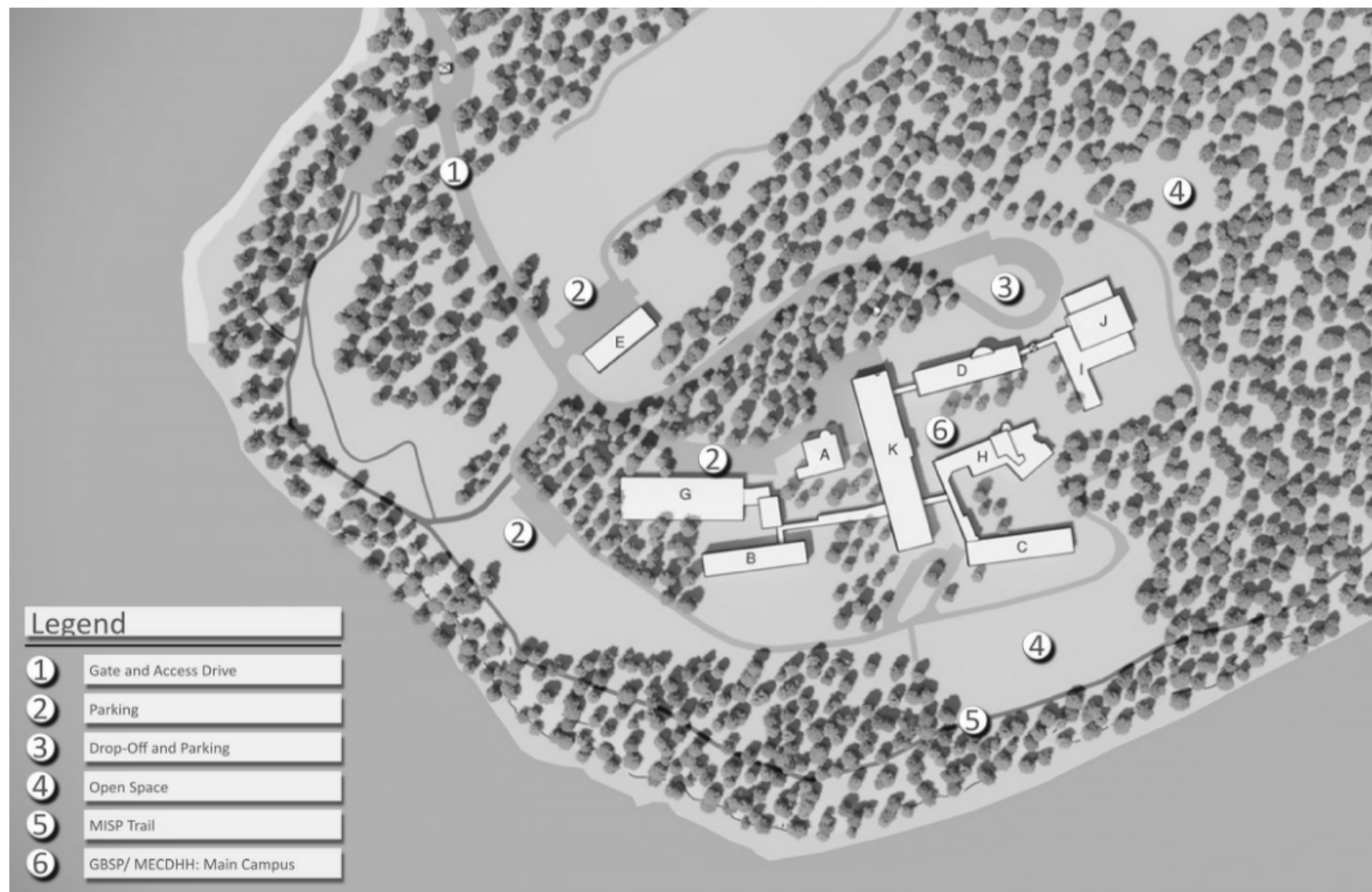


STATE OF MAINE MACKWORTH ISLAND RENOVATIONS PHASE 1



GOVERNOR BAXTER SCHOOL FOR THE DEAF CAMPUS EXISTING
CONDITIONS SITE PLAN

CONSTRUCTION DOCUMENTS JULY 30, 2024

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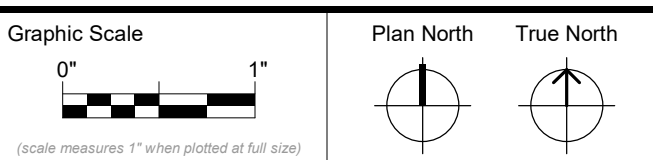
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Harriman

STATE OF MAINE
MACKWORTH ISLAND
RENOVATIONS
PHASE 1

FALMOUTH, MAINE

Harriman Project No. 23216



CONSTRUCTION DOCUMENTS

JULY 30, 2024

Revision Date Revision Description

Drawn by: KLS

COVER SHEET

G00-1

1. THE LANDSCAPE CONTRACTOR SHALL SUPPLY AND INSTALL ALL PLANTS IN SUFFICIENT QUANTITIES TO COMPLETE WORK AS SHOWN ON THE DRAWINGS. DISCREPANCIES BETWEEN QUANTITIES SHOWN ON THE DRAWING AND THE PLANT LIST SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT AND SHALL NOT ENTITLE THE CONTRACTOR TO ADDITIONAL COMPENSATION.
2. THE LANDSCAPE CONTRACTOR IS ADVISED THAT BOTH ABOVE AND BELOW GROUND UTILITIES EXIST ON THE SITE, THE LOCATIONS OF WHICH SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF HIS OPERATIONS. SHOULD THE LOCATION OF ANY PROPOSED PLANTING CONFLICT WITH ANY UTILITY, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY FOR DECISION.
3. PAVING, CURBING, UTILITIES, GRASS, ETC., DAMAGED AS A RESULT OF THE LANDSCAPE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
4. AREAS RECEIVING PLANTINGS INCLUDING TREE PITS, AND SHRUB AND GROUND COVER BEDS, SHALL BE MULCHED TO A DEPTH OF 4" MINIMUM WITH AN APPROVED CLEAN, UNIFORMLY GROUND OR SHREDED PINE OR HEMLOCK BARK MULCH. SAMPLE OF BARK MULCH TO BE USED SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO SITE DELIVERY.
5. FLOWER BEDS SHALL RECEIVE NO LESS THAN 12" OF TOPSOIL.
6. THE LANDSCAPE CONTRACTOR SHALL RELOCATE PLANTS ACCORDING TO THE DIRECTION OF THE ARCHITECT.
7. PLANT MATERIALS CALLED FOR AND INSTALLED SHALL MEET OR EXCEED THE SPECIFICATIONS OF THE AMERICAN STANDARDS FOR NURSERY STOCK (LATEST EDITION) AS SET FORTH BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
8. BEDS SHALL BE NEATLY EDGED AND DEFINED. FINAL PLANTING BED LAYOUT AND LOCATIONS SHALL BE FIELD COORDINATED AND APPROVED BY ARCHITECT PRIOR TO INSTALLATION.
9. IF SUBSTITUTIONS ARE NECESSARY, CONTRACTOR SHALL NOTIFY ARCHITECT OF PROPOSED REPLACEMENT PLANT(S). SUBSTITUTIONS SHALL BE OF SIMILAR BOTANICAL CHARACTERISTICS.
10. TREES NORMALLY DO NOT NEED TO BE STAKED AND STAKING CAN BE HARMFUL TO THE TREE. STAKING SHOULD BE DONE ONLY WITH THE APPROVAL OF THE ARCHITECT IF IT IS EXPECTED THAT THE TREE WILL NOT BE ABLE TO SUPPORT ITSELF. THE FOLLOWING ARE REASONS WHY TREES DO NOT REMAIN STRAIGHT:
 - TREES WITH POOR - QUALITY ROOT BALLS OR ROOT BALLS THAT HAVE BEEN CRACKED OR DAMAGED. REJECT RATHER THAN STAKE.
 - TREES THAT HAVE GROWN TOO CLOSE TOGETHER IN THE NURSERY, RESULTING IN WEAK TRUNKS. REJECT RATHER THAN STAKE.
 - PLANTING PROCEDURES THAT DO NOT ADEQUATELY TAMP SOILS AROUND THE ROOT BALL. CORRECT THE PLANTING PROCEDURE.
 - ROOT BALLS PLACED ON SOFT SOIL. TAMP SOILS UNDER ROOT BALL PRIOR TO PLANTING.
 - ROOT BALLS WITH VERY SANDY SOIL OR VERY WET CLAY SOIL. STAKING ADVISABLE.
 - TREES LOCATED IN A PLACE OF EXTREMELY WINDY CONDITIONS. STAKING ADVISABLE.
 - TREES LOCATED IN PARKING LOT ISLANDS. STAKING ADVISABLE.

1. THE ACCURACY AND COMPLETENESS OF SUBSURFACE INFORMATION IS NOT GUARANTEED. VERIFY SITE CONDITIONS INCLUDING TEST PITS FOR LOCATIONS AND INVERTS OF UTILITIES AND REPORT ANY DISCREPANCIES TO ARCHITECT PRIOR TO PROCEEDING WITH THAT PORTION OF THE WORK.
2. CLEAN SEDIMENT FROM NEW STORM DRAINS AND CATCH BASINS, AND ALSO FROM EXISTING STORM DRAINS AND CATCH BASINS THAT DIRECTLY RECEIVE RUNOFF FROM THE WORK AREA.
3. COORDINATE WORK ON UTILITY LINES OR WITHIN ROAD RIGHT-OF-WAY WITH THE UTILITY COMPANIES AND CITY/TOWN ROAD DEPARTMENT AND STATE MDOT.
4. SLOPE CONDUITS AWAY FROM BUILDING TO HANDHOLE OR UTILITY POLE TO AVOID GROUND WATER SEEPAGE INTO BUILDING.
5. RESET RIMS OF EXISTING UTILITY STRUCTURES, MANHOLES & CATCH BASINS TO NEW GRADE.
6. PRIOR TO REMOVAL OF UTILITIES, VERIFY UTILITY FUNCTION, MATERIAL, USE, AND CURRENT ACTIVITY. REPORT DISCREPANCIES TO THE ARCHITECT FOR DIRECTION PRIOR TO COMMENCING THE WORK ON THAT UTILITY.

C1 LANDSCAPING NOTES
SCALE: N.T.S.

C3 UTILITY NOTES
SCALE: N.T.S.

EXISTING	PROPOSED

B2 DIG SAFE NOTES
SCALE: N.T.S.

- PRIOR TO EXCAVATION, VERIFY THE UNDERGROUND UTILITIES, PIPES, STRUCTURES, AND FACILITIES. PROVIDE THE FOLLOWING MINIMUM MEASURES:
- A. PRE-MARK THE BOUNDARIES OF YOUR PLANNED EXCAVATION WITH WHITE PAINT, FLAGS OR STAKES, SO UTILITY CREWS KNOW WHERE TO MARK THEIR LINES.
 - B. CALL DIG SAFE, AT EITHER 811 OR 1-888-DIGSAFE, AT LEAST 72 BUSINESS HOURS - BUT NO MORE THAN 30 CALENDAR DAYS - BEFORE STARTING WORK. DON'T ASSUME SOMEONE ELSE WILL MAKE THE CALL.
 - C. IF BLASTING, NOTIFY DIG SAFE AT LEAST 24 BUSINESS HOURS IN ADVANCE.
 - D. WAIT 72 HOURS FOR LINES TO BE LOCATED AND MARKED WITH COLOR-CODED PAINT, FLAGS OR STAKES. NOTE THE COLOR OF THE MARKS AND THE TYPE OF UTILITIES THEY INDICATE. TRANSFER THESE MARKS TO THE AS-BUILT DRAWINGS.
 - E. CONTACT THE LANDOWNER AND OTHER "NON-MEMBER" UTILITIES (WATER, SEWER, GAS, ETC.), FOR THEM TO MARK THE LOCATIONS OF THEIR UNDERGROUND FACILITIES. TRANSFER THESE MARKS TO THE AS-BUILT DRAWINGS.
 - F. RE-NOTIFY DIG SAFE AND THE NON-MEMBER UTILITIES IF THE DIGGING, DRILLING OR BLASTING DOES NOT OCCUR WITHIN 30 CALENDAR DAYS, OR IF THE MARKS ARE LOST DUE TO WEATHER CONDITIONS, SITE WORK ACTIVITY OR ANY OTHER REASON.
 - G. HAND DIG WITHIN 18 INCHES IN ANY DIRECTION OF ANY UNDERGROUND LINE UNTIL THE LINE IS EXPOSED. MECHANICAL METHODS MAY BE USED FOR INITIAL SITE PENETRATION, SUCH AS REMOVAL OF PAVEMENT OR ROCK.
 - H. DIG SAFE REQUIREMENTS ARE IN ADDITION TO TOWN, CITY AND/OR STATE DOT STREET OPENING PERMIT REQUIREMENTS.
 - I. FOR COMPLETE DIG SAFE REQUIREMENTS, VISIT THEIR WEBSITE.
 - J. IF YOU DAMAGE, DISLOCATE OR DISTURB ANY UNDERGROUND UTILITY LINE, IMMEDIATELY NOTIFY THE AFFECTED UTILITY. IF DAMAGE CREATES SAFETY CONCERNS, CALL THE FIRE DEPARTMENT AND TAKE IMMEDIATE STEPS TO SAFEGUARD HEALTH AND PROPERTY.
 - K. ANY TIME AN UNDERGROUND LINE IS DAMAGED OR DISTURBED, OR IF LINES ARE IMPROPERLY MARKED, YOU MUST CALL DIGSAFE.

B3 GRADING NOTES
SCALE: N.T.S.

1. PROVIDE 4" LOAM, SEED AND MULCH TO DISTURBED AREAS UNLESS OTHERWISE NOTED. PROVIDE EROSION CONTROL MESH ON ALL SLOPES 6:1 OR STEEPER, AND ALONG DITCH CHANNELS.
2. GRADE SURFACES TO DRAIN AWAY FROM BUILDING. PUDDLING OF WATER IN PAVED OR UNPAVED AREAS WILL NOT BE ACCEPTABLE EXCEPT FOR AREAS DESIGNATED AS PONDS.
3. MAINTAIN TEMPORARY EROSION CONTROL MEASURES FOR THE FULL DURATION OF CONSTRUCTION. INSPECT WEEKLY AND AFTER EACH STORM AND REPAIR AS NEEDED. REMOVE SEDIMENTS FROM THE SITE. PLACE IN AREA OF LOW EROSION POTENTIAL, AND STABILIZE WITH SEED AND MULCH.
4. PLACE TEMPORARY SOIL STABILIZATION WITHIN 30 DAYS OF INITIAL DISTURBANCE. PLACE PERMANENT SOIL STABILIZATION WITHIN 7 DAYS OF FINAL GRADING.

B4 GENERAL SITE NOTES
SCALE: N.T.S.

1. RELOCATE EXISTING TBM INFORMATION ONTO NEW TBM OF CONTRACTORS CHOICE FOR CONSTRUCTION USE PRIOR TO REMOVAL OF EXISTING TBM.
2. IF EXISTING ASBESTOS CEMENT PIPE IS ENCOUNTERED, HANDLE AND DISPOSE OF ASBESTOS MATERIALS WITH CARE AND IN ACCORDANCE WITH APPLICABLE CODES AND SAFETY STANDARDS.
3. EXCAVATE AND STOCKPILE ON-SITE TOPSOIL. TOPSOIL IS TO REMAIN THE PROPERTY OF THE OWNER DURING CONSTRUCTION. AFTER FINAL LOAM AND SEED EXCESS TOPSOIL SHALL BE REMOVED FROM SITE BY CONTRACTOR.
4. DIMENSIONS ARE TO FACE OF CURB AND TO FACE OF FOUNDATION UNLESS OTHERWISE INDICATED.
5. PAVEMENT EDGES SHALL BE TRUE TO LINE. SAWCUT EXISTING PAVEMENT IN SMOOTH STRAIGHT LINE WHERE NEW PAVEMENT JOINS. PROVIDE TACK COAT LAYER AS SPECIFIED.
6. CONTRACTOR SHALL VERIFY SITE CONDITIONS, INCLUDING TEST PITS FOR LOCATIONS AND INVERTS OF UTILITIES, AND REPORT ANY DISCREPANCIES TO ARCHITECT PRIOR TO PROCEEDING WITH THAT PORTION OF THE WORK.
7. PROVIDE TRAFFIC CONTROL SIGNAGE AND STRIPING AS SHOWN AND IN ACCORDANCE WITH U.S.D.O.T. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
8. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF EXISTING TREES TO REMAIN.
9. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF TREES THAT ARE DAMAGED BEYOND RECOVERY, KILLED OR NEED TO BE REMOVED FOR DEMOLITION ACCESS.

CURB ABBREVIATIONS

RVGC	RE-SET VERTICAL GRANITE CURB
VGC	NEW VERTICAL GRANITE CURB
SGC	NEW SLOPED GRANITE CURB
FGC	NEW GRANITE CURB FLUSH WITH PAVEMENT
TCE	NEW TAPERED GRANITE CURB ENDS (TIP DOWNS)
TRC	NEW TRANSITIONAL CURB
BC	NEW BITUMINOUS CURB
CCBC	NEW CAPE COD BITUMINOUS CURB
PCC	NEW PRE-CAST CONCRETE CURB
CCC	NEW CAST-IN-PLACE CONCRETE CURB

PAINT STRIPING ABBREVIATIONS

SWSL	SINGLE WHITE SOLID LINE
SWDL	SINGLE WHITE DASHED LINE
YSYL	SINGLE YELLOW SOLID LINE
SYDL	SINGLE YELLOW DASHED LINE
DYSL	DOUBLED YELLOW SOLID LINE

GENERAL ABBREVIATIONS

BIT.	BITUMINOUS	NS	NEW SEWER
C.O.	CLEAN-OUT	NSD	NEW STORM DRAIN
CONC.	CONCRETE	NSFM	NEW SEWER FORCE MAIN
DI.	DRAIN INLET	NSL	NEW SPOT LIGHT
ELEV.	ELEVATION	NUD	NEW UNDERDRAIN
EXG.	EXISTING	NUE	NEW UNDERGROUND ELECTRICAL
F.F.E.	FINISHED FLOOR ELEVATION	NUG	NEW UNDERGROUND GAS
FT	FEET	NUF	NEW UNDERGROUND FUEL
GW	GEOTHERMAL WELL	NUSC	NEW UNDERGROUND SPARE CONDUIT
IN.	INCHES	NW	NEW WATER
INV.	INVERT	NWF	NEW WALL FIXTURE
MAX.	MAXIMUM	P.C.	PRECAST
MIN.	MINIMUM	R	RAMP
N.I.C.	NOT IN CONTRACT	S	STRUCTURAL PAD
NCB	NEW CATCH BASIN	SQ	SQUARE
NFO	NEW FIBER OPTIC	T	TRANSITIONAL PAD
NGW	NEW GEOTHERMAL WATER	TBM	TEMPORARY BENCH MARK
NLP	NEW LIGHT POLE	TYP	TYPICAL
		W	WITH
		UNO	UNLESS NOTED OTHERWISE

A4 SIGN LEGEND
SCALE: N.T.S.

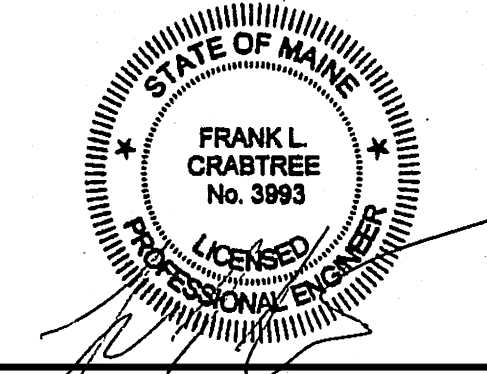
- 1 "STOP" (R1-1)
- 2 "YIELD TO PEDESTRIANS WITHIN CROSSWALK" (R1-6)
- 3 "VISITOR PARKING" (PD-140)
- 4 PEDESTRIAN SYMBOL (W11-2)
- 5 "KEEP RIGHT" SYMBOL (R4-7)
- 6 "DO NOT ENTER" (RS-1)
- 7 "DEAD END" (W14-1)
- 8 "RESERVED PARKING" (R7-8)
- 9 R7-8V WITH "VAN ACCESSIBLE" OR R7-8 WITH R7-8A MOUNTED BELOW.
- 10 "ONE WAY" (R6-1)
- 11 "NO PARKING TOW-AWAY ZONE" (R8-3 WITH R7-201)
- 12 "AUTHORIZED VEHICLES ONLY" (PD-190)
- 13 "DELIVERY"
- 14 "FIRE LANE/NO PARKING" (PD-370)
- 15 "RIGHT TURN ONLY" (R3-5R)
- 16 "LEFT TURN ONLY" (R3-5L)

A1 STANDARD SITE LEGEND
SCALE: N.T.S.

A2 STANDARD SITE ABBREVIATIONS
SCALE: N.T.S.

A5 SURVEYOR NOTES
SCALE: N.T.S.

(Sheet measures 11" when plotted at full size)



CONSTRUCTION DOCUMENTS

JULY 30, 2024

Revision Date Revision Description

Drawn by: FLC / TNE

SITE NOTES

C00-1

Harriman Project No.	23216
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1. GENERAL

- A. PLAN THE SEQUENCE OF CONSTRUCTION SO THAT THE SMALLEST PRACTICAL AREA OF LAND IS EXPOSED AT ANY ONE TIME DURING CONSTRUCTION. SCHEDULE THE WORK SUCH THAT SEDIMENTATION BARRIERS AND DETENTION PONDS ARE INSTALLED EARLY IN THE CONSTRUCTION SEQUENCE. TO PREVENT SEDIMENTS FROM UPHILL AREAS REACHING STREAMS, WETLANDS OR PROPERTY LINES. THE AREA DISTURBED BY STRIPPING OF VEGETATION, SOIL REMOVAL, AND REGARDING SHALL BE THE MINIMUM NECESSARY AT ANY ONE TIME. THE DURATION OF EXPOSURE OF THE DISTURBED AREA SHALL BE KEPT TO A PRACTICAL MINIMUM UNTIL A DISTURBED AREA IS STABILIZED. SEDIMENT IN RUN-OFF SHALL BE TRAPPED BY THE USE OF DEBRIS BASIN, SEDIMENT BASINS, SILT TRAPS OR OTHER ACCEPTABLE METHODS.
- C. TAKE NECESSARY STEPS TO PREVENT SOIL EROSION. REFER TO PUBLICATION OF MAINE DEP PARTICULARLY CHAPTER 500, AND THE MAINE SOIL AND WATER CONSERVATION COMMISSION FOR ADDITIONAL PREVENTION MEASURES TO STOP SOIL EROSION AND FOLLOW DEP MAINE EROSION AND SEDIMENT CONTROL BMPs. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN CONFORMITY WITH ALL FEDERAL AND STATE PERMIT REQUIREMENTS CONCERNING WATER, AIR OR NOISE POLLUTION, OR THE DISPOSAL OF CONTAMINATED OR HAZARDOUS MATERIALS. EROSION CONTROL MEASURES SHOWN ON THE PLANS ARE MINIMUM ONLY. SATISFY THE CURRENT REQUIREMENTS OF THE REGULATORY AGENCIES. REPAIR ALL AREAS OF INSTABILITY AND EROSION IMMEDIATELY AND MAINTAIN UNTIL THE SITE IS FULLY STABILIZED.
- E. WHENEVER PRACTICABLE, NO DISTURBANCE ACTIVITIES SHOULD TAKE PLACE WITHIN 50 FEET OF ANY PROTECTED NATURAL RESOURCE. IF DISTURBANCE ACTIVITIES TAKE PLACE BETWEEN 30 FEET AND 50 FEET OF ANY PROTECTED NATURAL RESOURCE, AND STORMWATER DISCHARGES THROUGH THE DISTURBED AREAS TOWARD THE PROTECTED NATURAL RESOURCE, PERIMETER EROSION CONTROLS MUST BE DOUBLED. IF DISTURBANCE ACTIVITIES TAKE PLACE LESS THAN 30 FEET FROM ANY PROTECTED NATURAL RESOURCE, AND STORMWATER DISCHARGES THROUGH THE DISTURBED AREAS TOWARD THE PROTECTED NATURAL RESOURCE, PERIMETER EROSION CONTROLS MUST BE DOUBLED AND DISTURBED AREAS MUST BE TEMPORARILY OR PERMANENTLY STABILIZED WITH 7 DAYS.
- F. EROSION CONTROL MESH INTENDED AS A TEMPORARY EROSION CONTROL, MEASURE THAT WILL DECOMPOSE AFTER STABILIZATION, OPEN WEAVE, SINGLE JUTE YARN OF LOOSELY TWISTED CONSTRUCTION, NOT VARYING IN THICKNESS BY MORE THAN 1/2 ITS NORMAL DIAMETER. THE WOVEN MATERIALS SHALL WEIGH 0.9 POUNDS PER SQUARE YARD. SYNTHETIC MESH MATERIAL MAY BE USED AS APPROVED. STAPLES: NO. 11 (OR HEAVIER) PLAIN IRON WIRE, MADE 6 INCHES IN LENGTH.
- G. EROSION CONTROL BLANKET, INTENDED AS A PERMANENT EROSION CONTROL, MEASURE THAT WILL REINFORCE THE TOPSOIL AND VEGETATION AGAINST EROSION AFTER CONSTRUCTION. SYNTHETIC FIBER MATRIX SANDWICHED BETWEEN HEAVY DUTY UV STABILIZED NETTING. BLANKET SHALL WEIGH NOT LESS THAN 0.9 POUNDS PER SQUARE YARD. NORTH AMERICAN GREEN P300 OR APPROVED EQUAL. STAPLES: NO. 11 (OR HEAVIER) PLAIN IRON WIRE, MADE 6 INCHES IN LENGTH.

- H. SILT FENCE:
POST: 1"X1" HARDWOOD POST, 4.5 FEET IN LENGTH.
FABRIC: PERVIOUS 36" WIDE SHEET OF SYNTHETIC POLYMER OF 12-MIL THICKNESS, SUCH AS MIRAFI 100X, TERRA TEX-SC OR APPROVED EQUAL. THE BOTTOM OF THE FABRIC SHALL BE TRENCHED INTO THE EXISTING GROUND A MINIMUM OF 6 INCHES. IN ADDITION, HAY BALES OR DITCH CHECKS SHALL BE INSTALLED ALONG THE SILT FENCE TO CREATE SEDIMENTATION POOLS IN LOW AREAS WHERE RUN-OFF CONCENTRATES.

- I. EROSION CONTROL SOIL/BARK MIX: SHALL CONSIST OF A MIX OF RECYCLED COMPOSTED BARK, FLUME GRIT, AND FRAGMENTED WOOD GENERATED FROM WATER-FLUME LOG HANDLING SYSTEMS, CONFORMING TO THE FOLLOWING:
 - 1. PH - 5.0 TO 6.0.
 - 2. SCREEN SIZE - 6 INCHES MINUS.
 - 3. NO LESS THAN 25 PERCENT ORGANIC MATERIAL.
 - 4. NO STONES LARGER THAN 2 INCHES IN DIAMETER.
 - 5. APPROVE BY MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR USE IN WETLANDS AND NEAR WATERWAYS.
- J. HAY BALES: BALES SHALL BE AT LEAST 14" X 18" X 30" IN SIZE, STAKED TWICE PER BALE. STAKES SHALL BE 1" X 1" X 36" WOODEN. PLACE BALES WITH TWINE ON SIDES OF BALE. NOT TOP OR BOTTOM.
- K. CATCH BASIN SEDIMENT FILTER SACK: A FILTER FABRIC BAG WHICH HANGS UNDER THE GRATE TO CATCH SEDIMENTS. PROVIDE "STREAMGUARD MODEL 3003," "BASIN BAG" BY EMCO DISTRIBUTION, "SILT SACKS HIGH FLOW" BY ACF ENVIRONMENTAL, OR APPROVED EQUAL. INSTALL THE BAG DEVICE PER MANUFACTURER'S RECOMMENDATION.

- L. BEFORE EARTHWORK IS STARTED, A SILT FENCE, FILTER BERM, OR STONE SEDIMENT DAM SHALL BE INSTALLED ALONG THE DOWN-SLOPE SIDE OF THE CONSTRUCTION SITE, AS NECESSARY, TO PREVENT SOIL SEDIMENT MIGRATION AWAY FROM THE SITE. INSTALL SILT FENCE OR FILTER BERM ALONG THE DOWN-SLOPE SIDE OF ALL TOP-SOIL AND SUBSOIL STOCKPILES.
- M. EROSION CONTROLS BARRIERS SHALL BE REMOVED AFTER CONSTRUCTION IS COMPLETE, BUT NOT UNTIL FINISH GRADING, FINAL SEEDING, AND MULCHING HAS BEEN COMPLETED AND THE ESTABLISHED GRASS HAS STABILIZED THE SOIL. MAINTAIN BARRIERS IN GOOD CONDITION UNTIL REMOVED.
- N. INSPECT EROSION AND SEDIMENTATION CONTROL WEEKLY AND AFTER STORM AND MAINTAIN IN GOOD WORKING CONDITION FOR PROJECT DURATION. REMOVE SILT DEPOSITS FROM THE SITE. PLACE IN AN AREA OF LOW EROSION POTENTIAL SO IT WILL NOT WASH INTO A WETLAND OR WATER BODY. SEED WITH EROSION CONTROL MIX, AND MULCH.
- O. FILTER BERM: PLACE UNCOMPACTED EROSION CONTROL MIX IN A WINDOW AT LOCATIONS SHOWN ON THE PLAN OR AS DIRECTED BY THE ARCHITECT. AT A MINIMUM THE BERM SHALL BE 3 FEET WIDE AT THE BASE AND 2 FEET HIGH AT THE CENTER OF ALL POINTS ALONG ITS LENGTH. BERM MATERIAL, WHERE THE BERM IS STILL REQUIRED, WHICH HAS DECOMPOSED, CLOGGED WITH SEDIMENT, ERODED, OR BECOMES INEFFECTIVE, SHALL BE REPLACED. THE BERM SHALL BE REMOVED FROM THE SITE OR RAKED INTO NEARBY WOODS TO A DEPTH NO GREATER THAN 1", WHEN NO LONGER REQUIRED, AS APPROVED BY THE ARCHITECT.
- P. TEMPORARY STABILIZATION: WITHIN 7 DAYS OF THE CESSATION OF CONSTRUCTION ACTIVITIES IN AN AREA THAT WILL NOT BE WORKED FOR MORE THAN 7 DAYS, STABILIZE EXPOSED SOIL WITH MULCH, OR OTHER NON-ERODIBLE COVER. STABILIZE AREAS WITHIN 75 FEET OF A WETLAND OR WATERBODY WITHIN 48 HOURS OF THE INITIAL DISTURBANCE OF THE SOIL OR PRIOR TO A STORM EVENT, WHICHEVER COMES FIRST. REMOVE TEMPORARY CONTROL MEASURES, SUCH AS SILT FENCE, WITHIN 30 DAYS AFTER PERMANENT STABILIZATION IS ATTAINED. REMOVE ANY ACCUMULATED SEDIMENTS AND STABILIZE. MAINTAIN TEMPORARY EROSION CONTROL MEASURES FOR THE FULL DURATION OF CONSTRUCTION. INSPECT WEEKLY AND AFTER EACH STORM AND REPAIR AS NEEDED. REMOVE SEDIMENTS FROM THE SITE. PLACE IN AREA OF LOW EROSION POTENTIAL, AND STABILIZE WITH SEED AND MULCH.
- Q. PERMANENT STABILIZATION: IF THE AREA WILL NOT BE WORKED FOR MORE THAN ONE YEAR OR HAS BEEN BROUGHT TO FINAL GRADE, THEN PERMANENTLY STABILIZE THE AREA WITHIN 7 DAYS BY PLANTING VEGETATION, SEEDING, SOD, OR THROUGH THE USE OF PERMANENT MULCH, OR RIPRAP, OR ROAD SUB-BASE. IF USING VEGETATION FOR STABILIZATION, SELECT THE PROPER VEGETATION FOR THE LIGHT, MOISTURE, AND SOIL CONDITIONS; AMEND AREAS OF DISTURBED SUBSOILS WITH TOPSOIL, COMPOST, OR FERTILIZERS; PROTECT SEEDED AREAS WITH MULCH OR, IF NECESSARY, EROSION CONTROL BLANKETS; AND SCHEDULE SODDING, PLANTING, AND SEEDING SO TO AVOID DIE-OFF FROM SUMMER DROUGHT AND FALL FROSTS; NEWLY SEED OR SODDED AREAS MUST BE PROTECTED FROM VEHICLE TRAFFIC, EXCESSIVE PEDESTRIAN TRAFFIC, AND CONCENTRATED RUNOFF UNTIL VEGETATION IS WELL ESTABLISHED WITH 90% COVER BY HEALTHY VEGETATION. IF NECESSARY, AREAS MUST BE REWORKED AND RESTABILIZED IF GERMINATION IS SPARSE, PLANT COVERAGE IS SPOTTY, OR TOPSOIL EROSION IS EVIDENT. PERMANENT STABILIZATION IS DEFINED AS FOLLOWS:
 - 1. SEEDED AREAS: PERMANENT STABILIZATION MEANS A 90% COVER OF THE DISTURBED AREA WITH MATURE, HEALTHY PLANTS WITH NO EVIDENCE OF WASHING OR RILLING OF THE TOPSOIL.
 - 2. SODDED AREAS: PERMANENT STABILIZATION MEANS THE COMPLETE BINDING OF THE SOD ROOTS INTO THE UNDERLYING SOIL WITH NO SLUMPING OF THE SOD OR DIE-OFF.
 - 3. PERMANENT MULCH: PERMANENT MULCHING MEANS TOTAL COVERAGE OF THE EXPOSED AREA WITH AN APPROVED MULCH MATERIAL. EROSION CONTROL MIX MAY BE USED AS MULCH FOR PERMANENT STABILIZATION ACCORDING TO THE APPROVED APPLICATION RATES AND LIMITATIONS.
 - 4. RIPRAP: PERMANENT STABILIZATION MEANS THAT SLOPES STABILIZED WITH RIPRAP HAVE AN APPROPRIATE BACKING OF A WELL-GRADED GRAVEL OR APPROVED GEOTEXTILE TO PREVENT SOIL MOVEMENT FROM BEHIND THE RIPRAP. STONE MUST BE SIZED APPROPRIATELY. IT IS RECOMMENDED THAT ANGULAR STONE BE USED.
 - 5. PAVED AREAS: PERMANENT STABILIZATION MEANS PLACEMENT OF THE COMPACTED SUBBASE GRAVEL IS COMPLETED, PROVIDED IT IS FREE OF FINE MATERIALS THAT MAY RUNOFF WITH A RAIN EVENT.
 - 6. DITCHES, CHANNELS, AND SWALES: PERMANENT STABILIZATION MEANS THE CHANNEL IS STABILIZED WITH A 90% COVER OF HEALTHY VEGETATION, WITH A WELL-GRADED RIPRAP LINING, TURF REINFORCEMENT MAT, OR WITH ANOTHER NON-EMISIVE LINING SUCH AS CONCRETE OR ASPHALT PAVEMENT. THERE MUST BE NO EVIDENCE OF SLUMPING OF THE CHANNEL LINING, UNDERCUTTING OF THE CHANNEL BANKS OR DOWN-CUTTING OF THE CHANNEL.

2. TEMPORARY SEEDING AND MULCHING

- A. TOPSOIL STRIPPED AND STOCKPILED ON SITE SHALL BE IMMEDIATELY SEEDDED WITH EROSION CONTROL SEED MIX AND MULCHED WITH HAY. MULCH SHALL BE CURED STRAW FREE FROM NOXIOUS WEED SEEDS AND ROUGH OR WOODY MATERIALS.
- B. EROSION CONTROL SEED:

Seed Type	% Weight	% Purity	% Germination
Domestic Rye	70	85	80
Perennial Rye	30	85	80
- C. EXPOSED EARTHWORK AREAS WHICH WILL NOT BE WORKED ON FOR ONE WEEK SHALL BE MULCHED WITH STRAW.
- D. UNFINISHED AREAS WHICH ARE NOT TO BE WORKED ON FOR ONE MONTH OR WILL BE WINTERED SHALL BE SEEDDED WITH EROSION CONTROL MIX AT A RATE OF 3 POUNDS OF SEED PER 1,000 SQ. FT. AND MULCHED WITH STRAW. APPLY STRAW MULCH AT THE RATE OF 75 POUNDS PER 1,000 SQ. FT. ANCHOR MULCH TO PREVENT WIND BLOWN MOVEMENT.
- E. IN SENSITIVE AREAS (WITHIN 25 FT. OF STREAM OR WETLAND EDGE) TEMPORARY MULCH MUST BE APPLIED AT THE END OF EACH WORK DAY AND PRIOR TO ANY STORM EVENT. NO FILL SHALL BE PLACED ON HAY MULCH.

3. PERMANENT SEEDING AND MULCHING

- A. GRASS SEED SHALL BE FREE FROM NOXIOUS WEED SEEDS AND RECLEANED, GRADE A RECENT CROP SEED, TREATED WITH APPROPRIATE FUNGICIDE AT TIME OF MIXING, DELIVERED TO THE SITE IN SEALED CONTAINERS WITH DEALER'S GUARANTEED ANALYSIS AND EACH VARIETY OF SEED SHALL HAVE PERCENTAGES OF GERMINATION OF NOT LESS THAN 80% AND A PERCENTAGE OF PURITY OF NOT LESS THAN 85%. SOW SEEDS AT A RATE OF 90s PER 1,000sq.ft.
- B. WEED SEED CONTENT SHALL NOT EXCEED 0.25%. WET, MOLDY OR OTHERWISE DAMAGED SEED WILL BE REJECTED.
- C. SEED MIX PROPORTIONS BY WEIGHT:

Seed Type	% Weight	% Purity	% Germination
Chewing Fescue	35	85	80
Creeping Red Fescue	35	85	80
Perennial Rye	30	85	80

4. WINTER CONSTRUCTION

- A. WINTER CONSTRUCTION IS CONSTRUCTION ACTIVITY PERFORMED DURING THE PERIOD FROM NOVEMBER 1 THROUGH APRIL 15. IF DISTURBED AREAS ARE NOT STABILIZED WITH PERMANENT MEASURES BY NOVEMBER 1 OR NEW SOIL DISTURBANCE OCCURS AFTER NOVEMBER 1, BUT BEFORE APRIL 15, THEN THESE AREAS MUST BE PROTECTED AND RUNOFF FROM THEM MUST BE CONTROLLED BY ADDITIONAL MEASURES AND RESTRICTIONS.
- B. SITE STABILIZATION: FOR WINTER STABILIZATION, HAY MULCH IS APPLIED AT TWICE THE STANDARD TEMPORARY STABILIZATION RATE. AT THE END OF EACH CONSTRUCTION DAY, AREAS THAT HAVE BEEN BROUGHT TO FINAL GRADE MUST BE STABILIZED. MULCH MAY NOT BE SPREAD ON TOP OF SNOW.
- C. SEDIMENT BARRIERS: ALL AREAS WITHIN 75 FEET OF A PROTECTED NATURAL RESOURCE MUST BE PROTECTED WITH A DOUBLE ROW OF SEDIMENT BARRIERS.
- D. DITCH: ALL VEGETATED DITCH LINES THAT HAVE NOT BEEN STABILIZED BY NOVEMBER 1 OR WILL BE WORKED DURING THE WINTER CONSTRUCTION PERIOD MUST BE STABILIZED WITH AN APPROPRIATE STONE LINING BACKED BY AN APPROPRIATE GRAVEL BED OR GEOTEXTILE UNLESS SPECIFICALLY RELEASED FROM THIS STANDARD BY THE DEPARTMENT.
- E. SLOPES: MULCH NETTING MUST BE USED TO ANCHOR MULCH ON ALL SLOPES GREATER THAN 6% UNLESS EROSION CONTROL BLANKETS OR EROSION CONTROL MIX IS BEING USED ON THESE SLOPES.

5. DRAINAGE DITCHES AND EMBANKMENTS

- A. DRAINAGE DITCHES SHALL BE PROVIDED WITH TEMPORARY STONE CHECK DAMS SPACED NO GREATER THAN 100 FEET APART. TEMPORARY DITCH CHECK DAMS SHALL BE CONSTRUCTED WHERE INDICATED. ADDITIONAL TEMPORARY DITCH DAMS SHALL BE INSTALLED DURING THE CONSTRUCTION, WHERE NECESSARY TO PREVENT SOIL FROM LEAVING THE WORK AREA.
- B. GRASSED DRAINAGE DITCHES AND SWALES SHALL BE LINED WITH A CONTINUOUS MAT OF EROSION CONTROL MESH FOR FULL BOTTOM WIDTH AND SIDE SLOPES TO 12' ABOVE BOTTOM. WITHIN 48 HOURS OF FINAL GRADING AND PRIOR TO A STORM EVENT, IN ORDER TO STABILIZE THE LOAM, SEED AND MULCH.
- C. WHERE EROSION VELOCITIES OR EMBANKMENTS ARE ANTICIPATED OR EXPERIENCED AND SOIL CANNOT BE STABILIZED WITH MULCH AND MESH, SUBSTITUTE EROSION CONTROL SOIL/BARK MIX IN PLACE OF LIAM SCREEN, EROSION CONTROL SOIL/BARK MIX TO REMOVE WOOD, BARK AND STONES ONE INCH IN SIZE AND GREATER. IF EROSION VELOCITIES ARE EXCESSIVE, PROVIDE A 12" THICK STONE RIP-RAP LINING ALONG DITCH BOTTOM AND UP SIDE SLOPES TO ONE FOOT ABOVE THE BOTTOM ELEVATION. PLACE NON-WOVEN GEOTEXTILE BENEATH RIP-RAP.
- D. STABILIZED POND EMBANKMENT (INTERIOR AND EXTERIOR) SLOPES STEEPER THAN THREE HORIZONTAL TO ONE VERTICAL AND DRAINAGE DITCHES BY SEPTEMBER 15. CONSISTING OF PERMANENT SEEDING AND MULCH. IF THIS DATE CANNOT BE MET, PROVIDE ALTERNATIVE PERMANENT OR TEMPORARY STABILIZATION DESCRIBED AS FILL AND WINTER STABILIZATION.
- E. INSTALL EROSION CONTROL MESH OVER MULCH ON SLOPES STEEPER THAN SIX HORIZONTAL TO ONE VERTICAL (16%) AND IN CONFORMANCE TO DOT STANDARD SPECIFICATION, LATEST EDITION, SECTION 9.48, PARAGRAPHS 613.03 THROUGH 613.06. ANCHOR MESH AS RECOMMENDED BY MANUFACTURER.
- F. PERMANENTLY RIP-RAP INLETS AND OUTLETS OF CULVERTS AND PIPE OUTFALLS WITHIN 48 HOURS OF INSTALLATION, AS SPECIFIED IN SECTION 31200 - EARTH MOVING AND AS SHOWN ON THE DRAWINGS.
- G. INSTALL PERMANENT EROSION CONTROL BLANKET AROUND CULVERT INLETS AND OUTLETS AS SHOWN ON THE DRAWINGS AND ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
 - 1. PREPARE SOIL WITH LOAM, FERTILIZER AND SEED AS SPECIFIED IN SECTION 32200 PRIOR TO INSTALLING THE EROSION CONTROL BLANKET.
 - 2. INSTALL PERMANENT EROSION CONTROL BLANKET FIVE FEET MINIMUM IN ALL DIRECTIONS AROUND CULVERT INLETS.
 - 3. INSTALL PERMANENT EROSION CONTROL BLANKET FIVE FEET MINIMUM IN ALL DIRECTIONS AROUND CULVERT OUTLETS AND A SIX FOOT WIDTH CENTERED ALONG THE OUTLET CHANNEL FOR TEN FEET.
 - 4. INSTALL STAPLES AS SHOWN ON THE EROSION CONTROL BLANKET DETAIL ON THE DRAWINGS AND THROUGHOUT THE BLANKET IN AN 18 BY 18 INCH GRID.

6. PARKING AND DRIVES

- A. PLACE A TEMPORARY STABILIZED CONSTRUCTION EXITS WHERE VEHICLES LEAVE THE SITE AND ENTER EXISTING PAVED ROADS; CONSISTING OF A 6" LAYER OF 1 1/2" TO 3" CRUSHED STONE, TRACKING A SPILLING OF EARTH AND/OR DEBRIS ON PUBLIC STREETS SHALL BE AVOIDED TO THE MAXIMUM EXTENT POSSIBLE. CLEAN UP AND REMOVE SUCH SPILLAGE.
- B. AS THE CRUSHED STONE STABILIZED CONSTRUCTION EXITS CONTINUE TO SCRUB THE SOIL FROM THE TRUCKS, THE STONE LAYER WILL TEND TO FILL WITH SEDIMENTS. WHEN THIS OCCURS, REMOVE THE STONE AND SEDIMENT AND REPLACE IT WITH A CLEAN LAYER OF STONE.
- C. AS SOON AS POSSIBLE AFTER ROADS AND PARKING AREAS ARE CLEARED, GRUBBED AND GRADED TO THE REQUIRED SUBGRADE, THE BASE GRAVEL SHALL BE PLACED.

7. REMOVAL AND DISPOSAL

WHEN PERMANENT SOIL STABILIZATION HAS BEEN ACHIEVED, TEMPORARY MATERIALS AND DEVICES THAT ARE NOT READILY DEGRADABLE SHALL BE REMOVED AND DISPOSED OF OFF SITE. SILT FENCES, FILTER BERMS AND CATCH BASIN SEDIMENT FILTERS MUST BE FULLY REMOVED. REUSABLE MATERIALS ARE AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

8. STONES FOR RIP-RAP

- A. SIZE THE STONE MIXTURE SUCH THAT 50% OF THE STONES, BY WEIGHT, ARE LARGER THAN THE SPECIFIED D50 SIZE. STONES SHALL NOT BE CHASTICIOUS.
- B. PLAN RIP-RAP: 4' TO 12' DIAMETER, HARD, SOUND ANGULAR STONES, D50 = 6".
- C. SPECIAL RIP-RAP: 6' TO 16' WIDE SOUND STONES WITH FLAT TOP SURFACE, D50 = 11".
- D. THE STONES SHALL BE PLACED WITH THEIR BENDS AT RIGHT ANGLES TO THE SLOPE, THE LARGER STONES BEING USED IN BOTTOM COURSES.
- E. THE FINISHED WORK SHALL PRESENT AN EVEN, TIGHT AND REASONABLY SMOOTH SURFACE CONFORMING TO THE REQUIRED CONTOUR AND HAVE A NEAT ORDERLY APPEARANCE WITHOUT SCATTERED STONES.
- F. SPECIAL RIP-RAP SHALL BE HAND-PLACED IN CLOSE CONTACT TO FORM AN EVEN, TIGHT AND REASONABLY SMOOTH SURFACE WITH RELATIVELY FLAT TOP SURFACES. USE NO SMALL STONES OR SPALL.

9. PLANTING TIME

- A. SEEDING: SEEDING SHALL BE DONE BETWEEN AUGUST 15TH TO SEPTEMBER 15TH AND/OR APRIL 15TH TO JUNE 15TH.
- B. SODDING: SODDING MAY BE DONE BETWEEN APRIL 15TH AND NOVEMBER 15TH.
- C. VARIANCE: IF SPECIAL CONDITIONS EXIST WHICH MAY WARRANT A VARIANCE IN THE ABOVE PLANTING DATES, A WRITTEN REQUEST SHALL BE SUBMITTED TO THE ARCHITECT STATING THE SPECIAL CONDITIONS FOR THE PROPOSED VARIANCE. PERMISSION FOR THE VARIANCE WILL BE GIVEN IF WARRANTED IN THE OPINION OF THE ARCHITECT. REGARDLESS OF THE TIME OF SEEDING, THE CONTRACTOR SHALL BE RESPONSIBLE FOR A FULL GROWTH OF GRASS.
- D. PLACE PERMANENT SOIL STABILIZATION WITHIN 15 DAYS OF FINAL GRADING.

10. SPILL PREVENTION AND GROUNDWATER PROTECTION

- A. AREAS INSIDE AND OUTSIDE THE CONTRACT WORK LIMITS SHALL BE PROTECTED FROM LUBRICANTS, FUEL, SEDIMENT, LITTER, CONSTRUCTION DEBRIS, CHEMICALS AND OTHER POLLUTANTS.
- B. TAKE PRECAUTIONS AND CONFORM TO ALL FEDERAL, STATE AND LOCAL REGULATIONS TO PREVENT POLLUTANTS FROM BEING DISCHARGED FROM MATERIALS ON SITE, INCLUDING STORAGE PRACTICES TO MINIMIZE EXPOSURE OF THE MATERIALS TO STORMWATER. IMPLEMENT SPILL PREVENTION, CONTAINMENT AND RESPONSE.
- C. DURING CONSTRUCTION, LIQUID PETROLEUM PRODUCTS AND OTHER HAZARDOUS MATERIALS WITH POTENTIAL TO CONTAMINATE GROUNDWATER MAY NOT BE STORED OR HANDLED IN AREAS OF THE SITE DRAINING TO AN INFILTRATION AREA. AN "INFILTRATION AREA" IS ANY AREA OF THE SITE THAT BE DESIGN OR AS A RESULT OF SOILS, TOPOGRAPHY ACCUMULATES RUNOFF THAT INFILTRATES INTO THE SOIL. IMPERVIOUS LINERS OR MATERIALS MUST BE USED TO STORE OR CONTAIN THE HAZARDOUS MATERIALS AND PREVENT THEM FROM ENTERING THE GROUNDWATER.
- 11. FUGITIVE SEDIMENT AND DUST
 - A. USE TRAFFIC CONTROL TO RESTRICT TRAFFIC TO PREDETERMINED ROUTES. MAINTAIN AS MUCH NATURAL VEGETATION AS IS PRACTICABLE. USE PHASING OF CONSTRUCTION TO REDUCE THE AREA OF LAND DISTURBED AT ANY ONE TIME. USE OF TEMPORARY MULCHING, PERMANENT MULCHING, TEMPORARY VEGETATIVE COVER, PERMANENT VEGETATIVE COVER, OR SODDING WILL REDUCE THE NEED FOR DUST CONTROL. USE MECHANICAL SWEEPERS ON PAVED SURFACES WHERE NECESSARY TO PREVENT DUST BUILDUP. STATIONARY SOURCES OF DUST, I.E. ROCK CRUSHERS, SHOULD UTILIZE FINE WATER SPRAYS TO CONTROL DUST.
 - B. THE EXPOSED SOIL SURFACE SHOULD BE MOISTENED PERIODICALLY WITH ADEQUATE WATER TO CONTROL DUST.
 - C. CALCIUM CHLORIDE SHALL BE EITHER LOOSE DRY GRANULES OR FLAKES FINE ENOUGH TO FEED THROUGH A SPREADER AT A RATE THAT WILL KEEP SURFACE MOIST BUT NOT CAUSE POLLUTION OR PLANT DAMAGE. LIQUID CALCIUM CHLORIDE CAN ALSO BE USED, TO REDUCE POTENTIAL FOR ENVIRONMENTAL DEGRADATION. USE ONLY WHEN OTHER METHODS ARE NOT PRACTICAL.
 - D. COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL, IN AREAS ADJACENT TO WATERWAYS, USE CHEMICALLY STABLE AGGREGATE.
 - E. WHEN TEMPORARY DUST CONTROL MEASURES ARE USED, REPETITIVE TREATMENT SHALL BE APPLIED AS NEEDED TO ACCOMPLISH CONTROL.
- 12. DEBRIS AND OTHER MATERIALS: MINIMIZE THE EXPOSURE OF CONSTRUCTION DEBRIS, BUILDING AND LANDSCAPING MATERIALS, TRASH, FERTILIZERS, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS TO PRECIPITATION AND STORMWATER RUNOFF.

13. EXCAVATION DE-WATERING

- A. WATER FROM CONSTRUCTION DEWATERING OPERATIONS SHALL BE CLEANED OF SEDIMENT BEFORE REACHING WETLANDS, WATER BODIES, STREAMS, OR SITE BOUNDARIES. UTILIZE TEMPORARY SEDIMENT BASINS, EROSION CONTROL SOIL FILTER BERMS BACKED BY STAKED HAY BALES, A "DIRT BAG" OR SEDIMENT FILTER BAG BY ACF ENVIRONMENTAL, INC. OR OTHER APPROVED BEST MANAGEMENT PRACTICES (BMPs).
- B. IN SENSITIVE AREAS, NEAR STREAMS OR PONDS, DISCHARGE THE WATER FROM THE DE-WATERING OPERATION INTO A TEMPORARY SEDIMENT BASIN CREATED BY A SURROUNDING FILTER BERM OF UNCOMPACTED EROSION CONTROL MIX IMMEDIATELY BACKED BY STAKED HAY BALES (SEE THE SITE DETAILS). LOCATE THE TEMPORARY SEDIMENT BASIN AT LEAST 100 FEET FROM THE NEAREST WATER BODY, SUCH THAT THE FILTERED WATER WILL FLOW THROUGH UNDISTURBED VEGETATED SOIL AREAS PRIOR TO REACHING THE WATER BODY OR PROPERTY LINE.
- C. PREPARE A DE-WATERING PLAN TO ADDRESS EXCAVATION DE-WATERING FOLLOWING HEAVY RAINFALL EVENTS OR WHERE THE EXCAVATION MAY INTERCEPT THE GROUNDWATER TABLE DURING CONSTRUCTION. THE COLLECTED WATER NEEDS TREATMENT AND A DISCHARGE POINT THAT WILL NOT CAUSE DOWNGRADE EROSION AND OFFSITE SEDIMENTATION OR WITHIN A RESOURCE. FOLLOW THE DETAIL OF THE PLAN THROUGHOUT CONSTRUCTION DURATION.
- D. THE OWNER OR REGULATORY AGENCIES DO NOT AUTHORIZE A WATER DISCHARGE THAT IS MIXED WITH A SOURCE OF NON-STORMWATER, INCLUDING THE FOLLOWING: WASTEWATER FROM CLEANOUT OF CONCRETE, STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS OR OTHER CONSTRUCTION MATERIALS, FUELS, OILS OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; SOAPS, SOLVENTS OR DETERGENTS USED IN VEHICLE AND EQUIPMENT WASHING; AND TOXIC OR HAZARDOUS SUBSTANCES FROM A SPILL OR OTHER RELEASE.

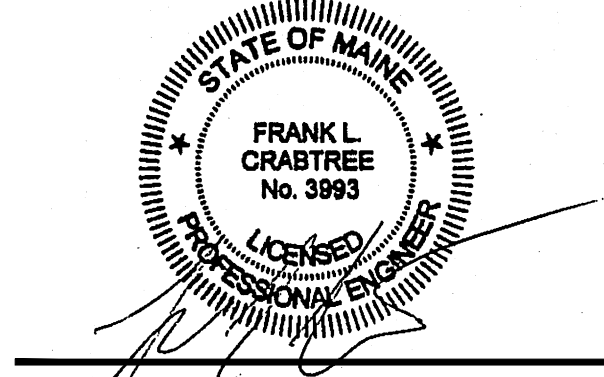
14. UNAUTHORIZED NON-STORMWATER DISCHARGES. THE DEPARTMENT OF ENVIRONMENTAL PROTECTION DOES NOT AUTHORIZE DISCHARGES OF THE FOLLOWING:

- WASTEWATER FROM THE WASHOUT OR CLEAN OUT OF CONCRETE, STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS OR OTHER CONSTRUCTION MATERIALS.
 - FUELS, OILS OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE.
 - SOAPS, SOLVENTS OR DETERGENTS USED IN VEHICLE AND EQUIPMENT WASHING.
 - TOXIC OR HAZARDOUS SUBSTANCES FROM A SPILL OR OTHER RELEASE.
15. AUTHORIZED NON-STORMWATER DISCHARGES. IMPLEMENT APPROPRIATE POLLUTION PREVENTION MEASURES FOR THE NON-STORMWATER COMPONENT(S) OF THE FOLLOWING DISCHARGES:
- FIREFIGHTING ACTIVITY.
 - FIRE HYDRANT FLUSHINGS.
 - VEHICLE WASH-WATER IF DETERGENTS ARE NOT USED AND WASHING IS LIMITED TO EXTERIOR OF VEHICLES (ENGINE, UNDERCARRIAGE AND TRANSMISSION WASHING IS PROHIBITED).
 - DUST CONTROL RUNOFF IN ACCORDANCE WITH PERMIT CONDITIONS AND DEP CHAPTER 500 APPENDIX (C)(3)
 - ROUTINE EXTERNAL BUILDING WASH-DOWN, NOT INCLUDING SURFACE PAINT REMOVAL, THAT DOES NOT INVOLVE DETERGENTS.
 - PAVEMENT WASH-WATER (WHERE SPILLS/LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED, UNLESS ALL SPILLED MATERIAL HAD BEEN REMOVED) IF DETERGENTS ARE NOTE USED
 - UNCONTAMINATED AIR CONDITIONING OR COMPRESSOR CONDENSATE.
 - UNCONTAMINATED GROUNDWATER OR SPRING WATER.
 - FOUNDATION OR FOOTER DRAIN-WATER WHERE FLOWS ARE NOT CONTAMINATED.
 - UNCONTAMINATED EXCAVATION DE-WATERING (SEE REQUIREMENTS IN DEP CHAPTER 500 APPENDIX C)(5).
 - POTABLE WATER SOURCES INCLUDING WATERLINE FLUSHINGS.
 - LANDSCAPING IRRIGATION.

16. CONSTRUCTION INSPECTION AND MAINTENANCE

- A. INSPECT DISTURBED AND IMPERVIOUS AREAS, EROSION CONTROL BEST MANAGEMENT PRACTICES (BMPs), MATERIALS STORAGE AREAS THAT ARE EXPOSED TO PRECIPITATION AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE A WEEK AS WELL AS BEFORE AND WITHIN 24 HOURS AFTER A RAIN EVENT AND PRIOR TO COMPLETING PERMANENT STABILIZATION. A PERSON WITH KNOWLEDGE OF EROSION AND STORMWATER CONTROL AND STANDARDS AND CONDITIONS OF THE PERMIT, SHALL CONDUCT THE INSPECTIONS.
- B. UPON DISCOVERY OF A PROBLEM, REPAIR BMPs NO LATER THAN THE END OF THE NEXT WORK DAY. IF ADDITIONAL BMPs OR SIGNIFICANT REPAIRS ARE NECESSARY, IMPLEMENTATION MUST BE COMPLETED WITHIN 7 CALENDAR DAYS AND PRIOR TO A RAIN EVENT.
- C. KEEP A LOG (REPORT) SUMMARIZING THE INSPECTIONS AND CORRECTIVE ACTION TAKEN, INCLUDING THE NAME AND QUALIFICATIONS OF THE PERSON MAKING THE INSPECTIONS, THE DATE OF THE INSPECTIONS AND MAJOR OBSERVATIONS OF OPERATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS, MATERIALS STORAGE AREAS AND VEHICLES ACCESS POINTS TO THE PARCEL. MAJOR OBSERVATIONS MUST INCLUDE BMPs THAT NEED MAINTENANCE, BMPs THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION AND LOCATION(S) WHERE ADDITIONAL BMPs ARE NEEDED. NOTE IN THE LOG THE CORRECTIVE ACTION TAKEN AND WHEN IT WAS TAKEN. THE LOG MUST BE MADE ACCESSIBLE TO THE OWNER, ARCHITECT AND REGULATORY AGENCIES' STAFF AND A COPY MUST BE PROVIDED UPON REQUEST. THE PERMITTEE SHALL RETAIN A COPY OF THE LOG FOR A PERIOD OF AT LEAST THREE YEARS FROM THE COMPLETION OF PERMANENT STABILIZATION.

(See reference 1" when plotted at full scale)



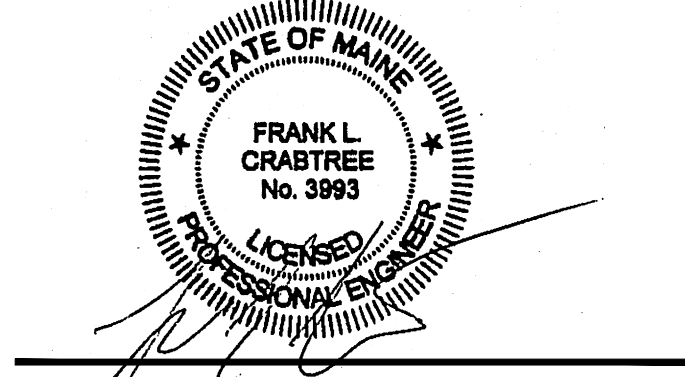
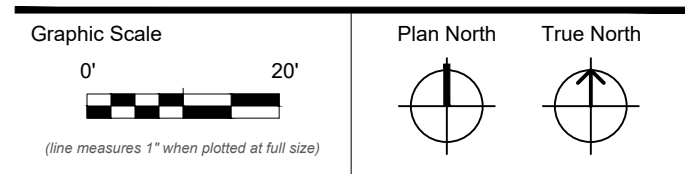
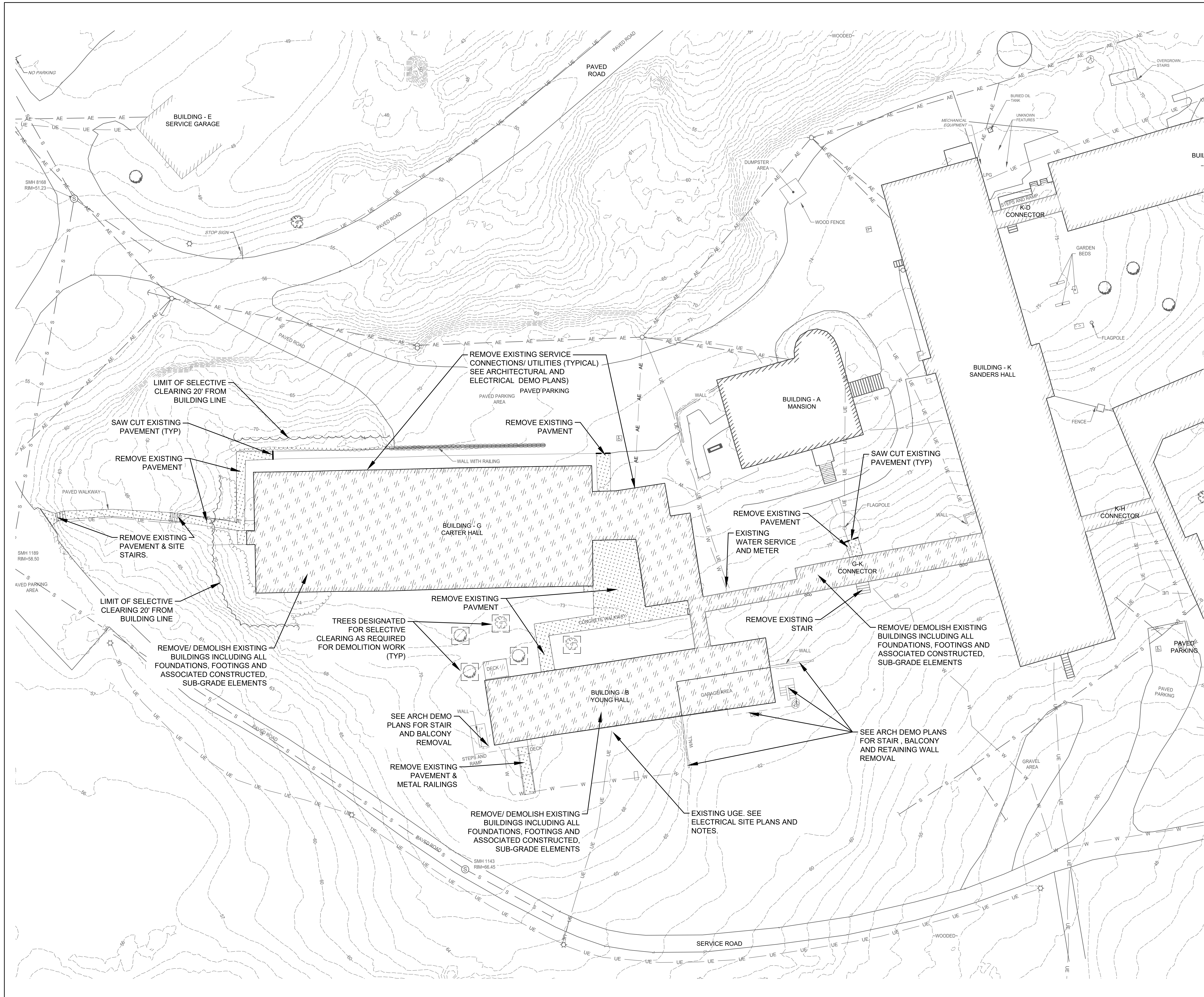
CONSTRUCTION DOCUMENTS

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SITE EROSION CONTROL NOTES



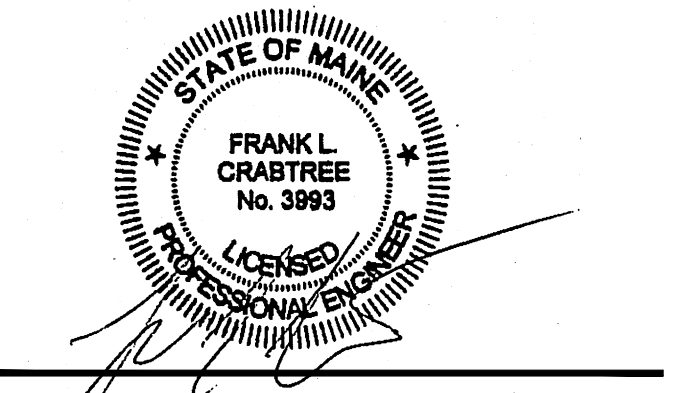
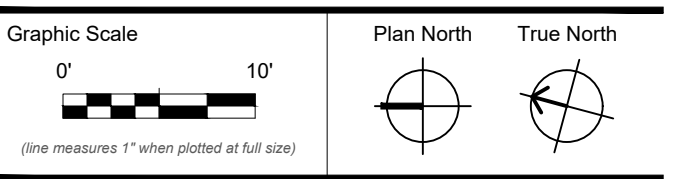
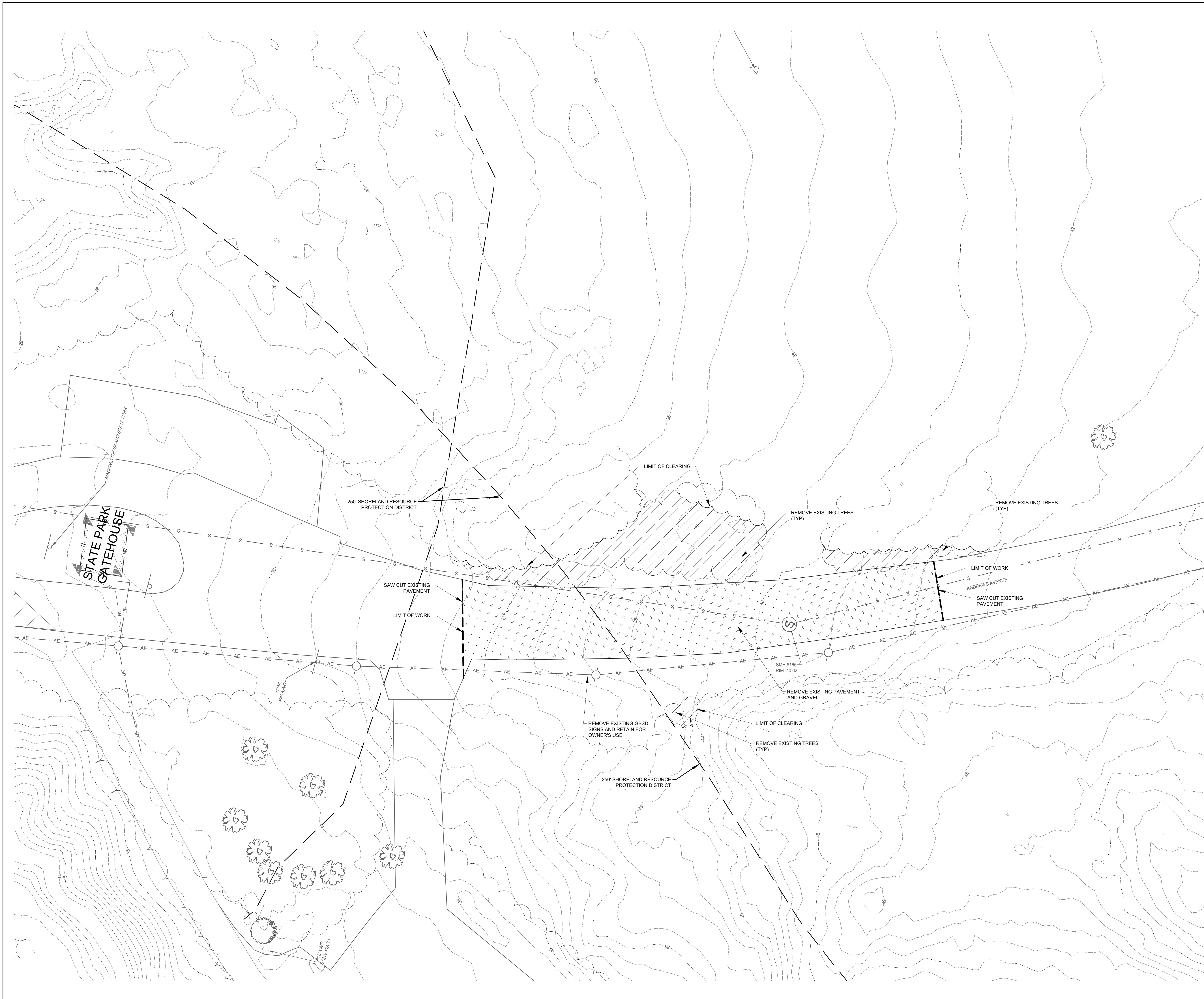
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EXISTING SITE
CONDITIONS AND
DEMOLITION PLAN



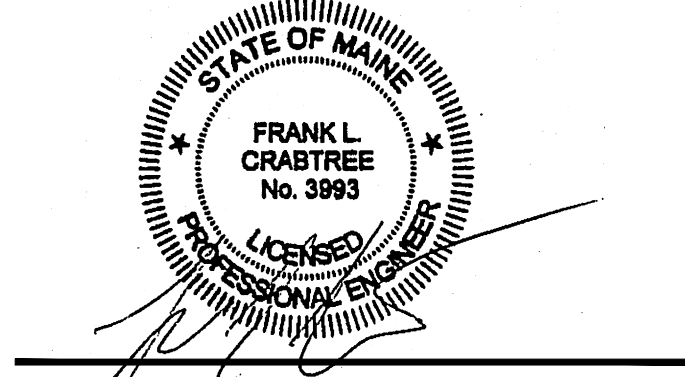
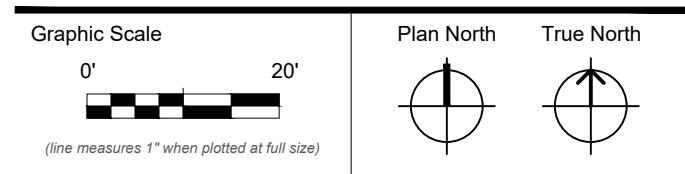
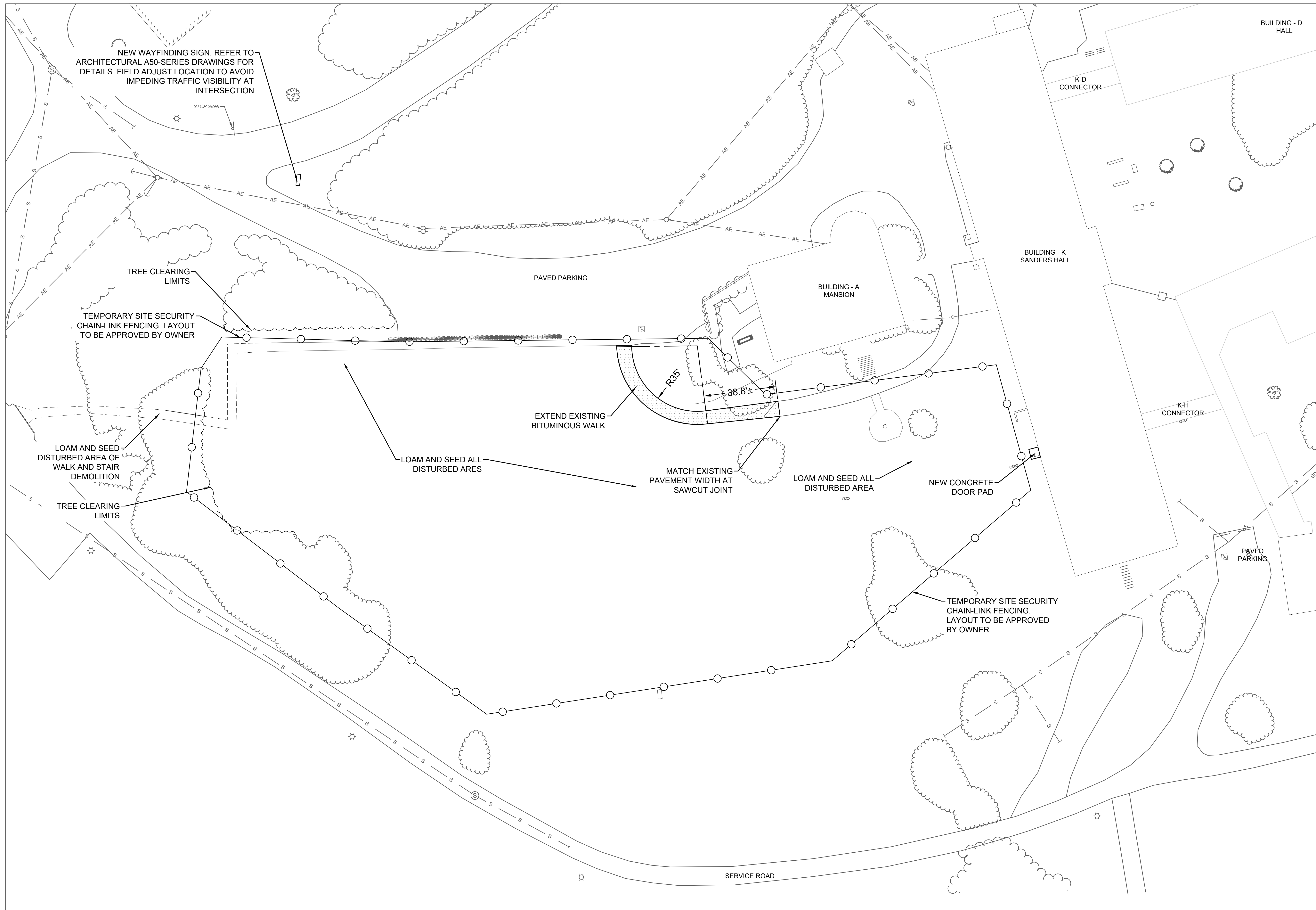
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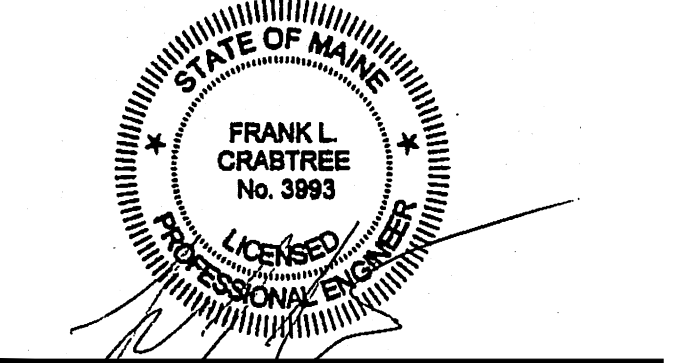
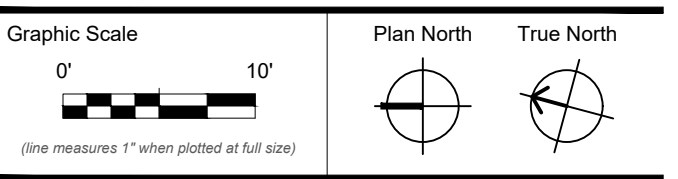
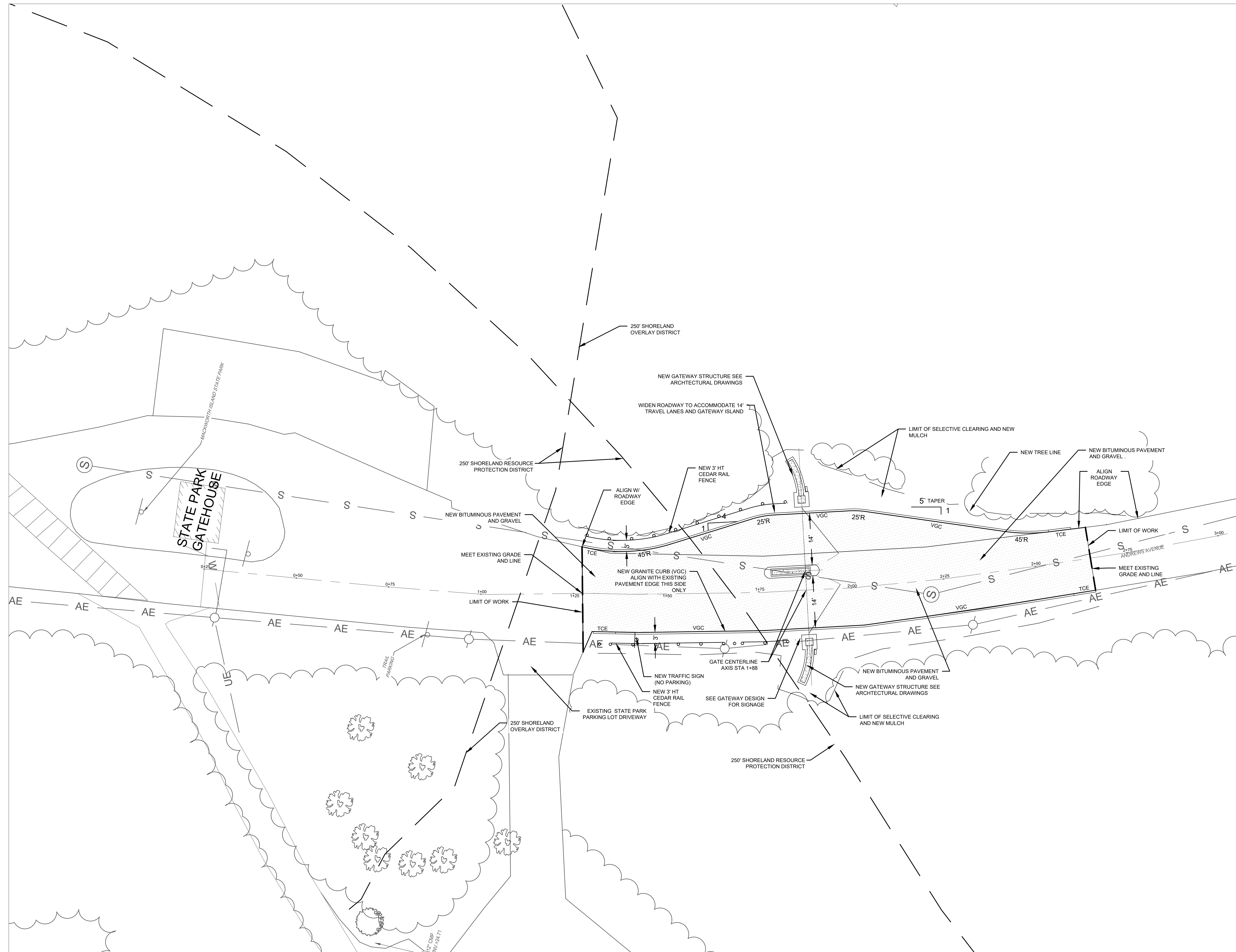
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SITE LAYOUT PLAN



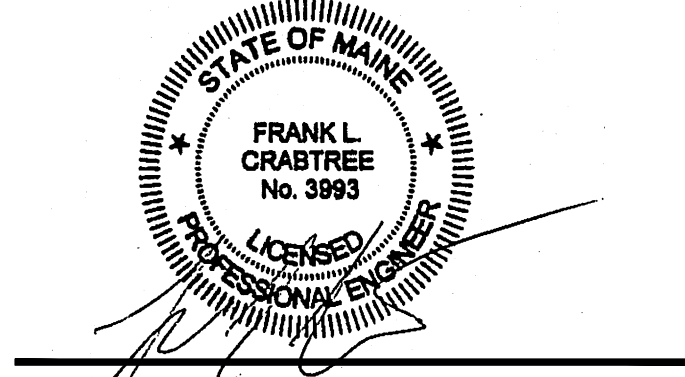
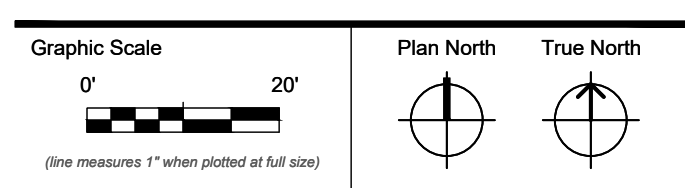
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SITE LAYOUT PLAN



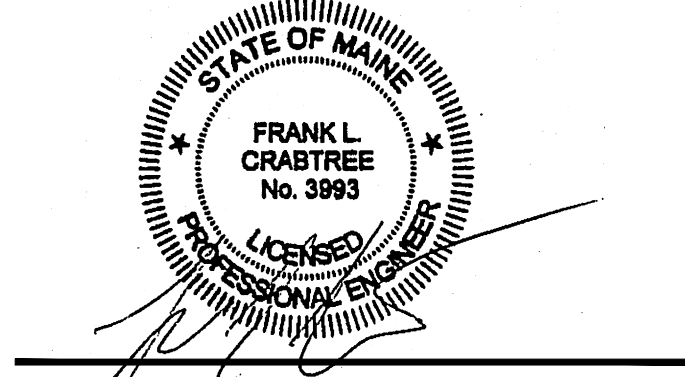
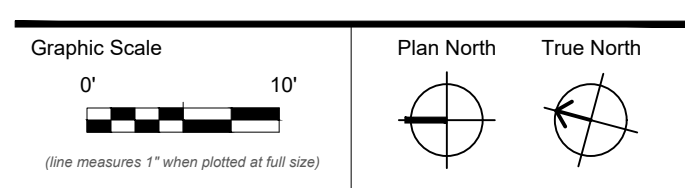
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SITE GRADING AND
EROSION CONTROL PLAN



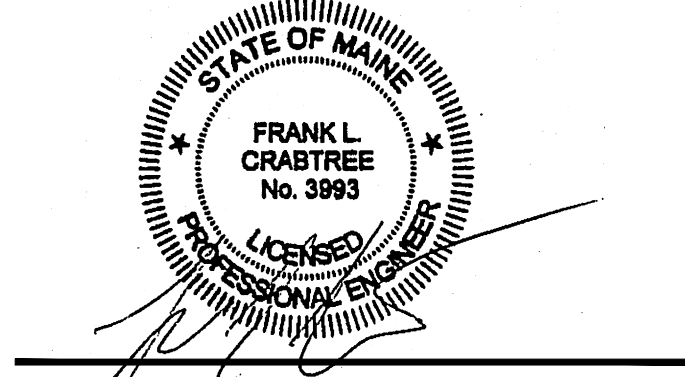
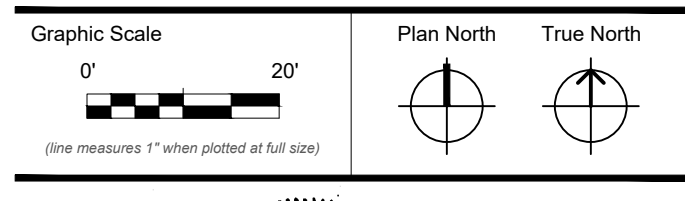
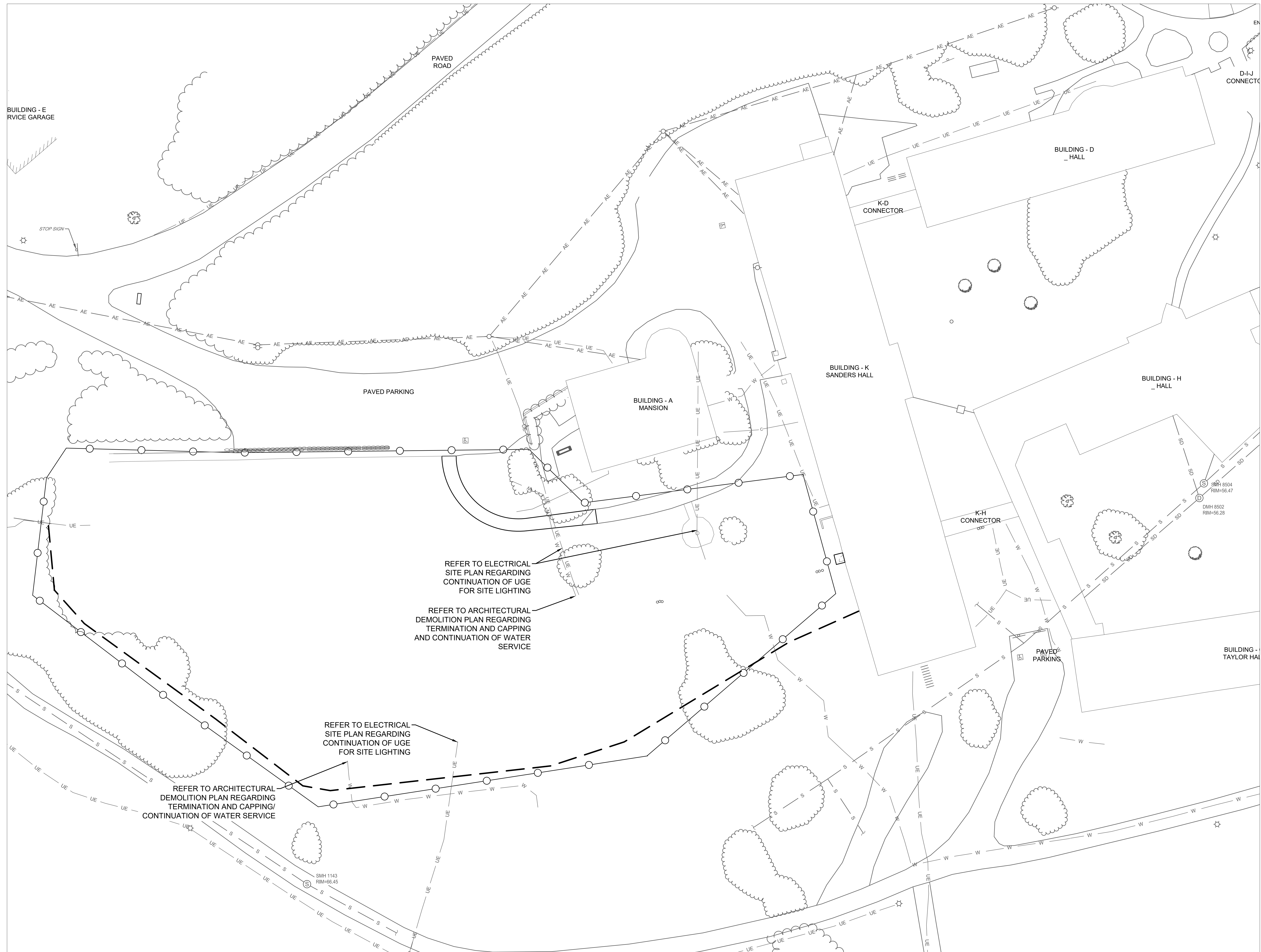
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SITE GRADING AND
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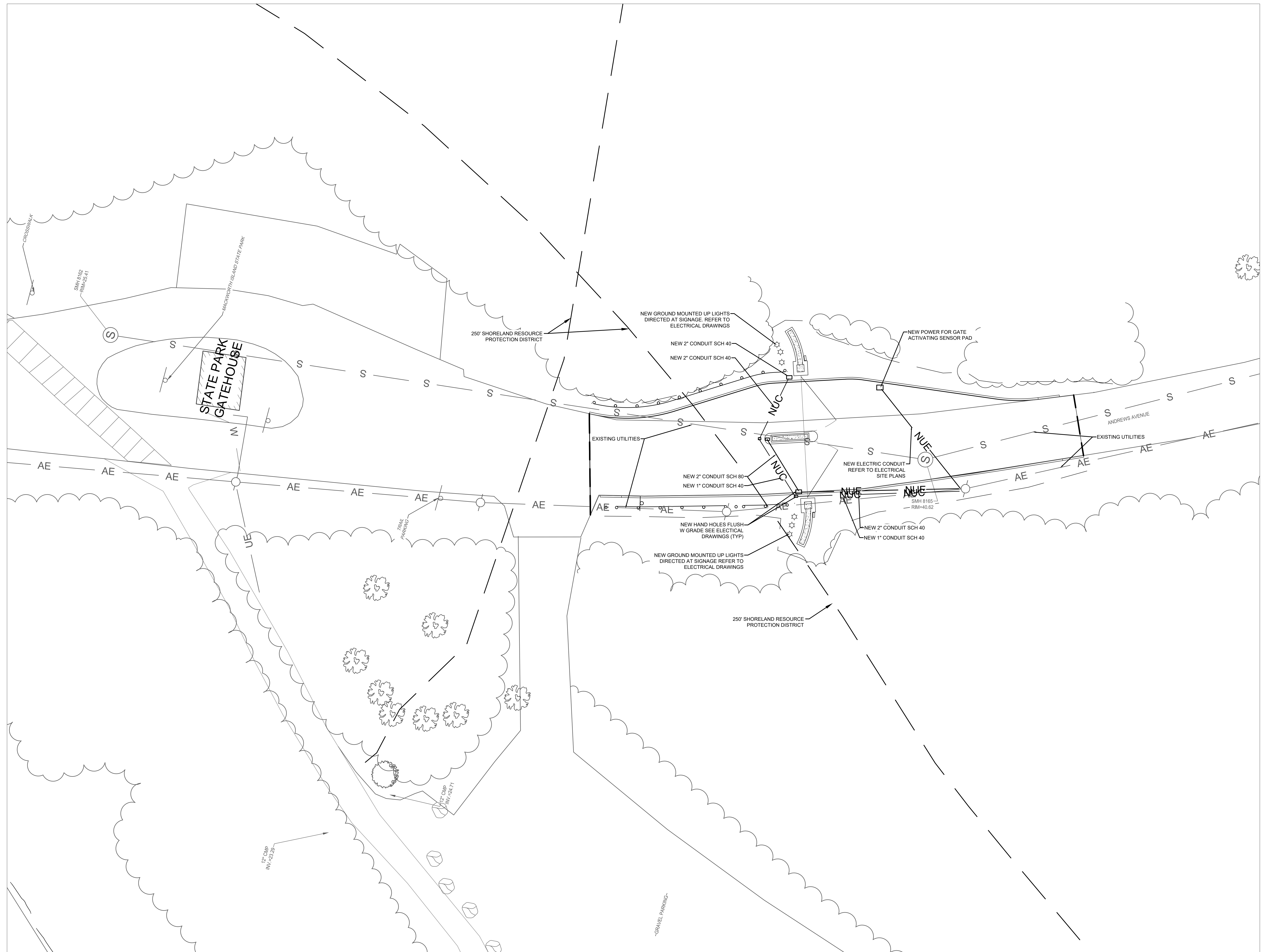
CONSTRUCTION DOCUMENTS

JULY 30, 2024

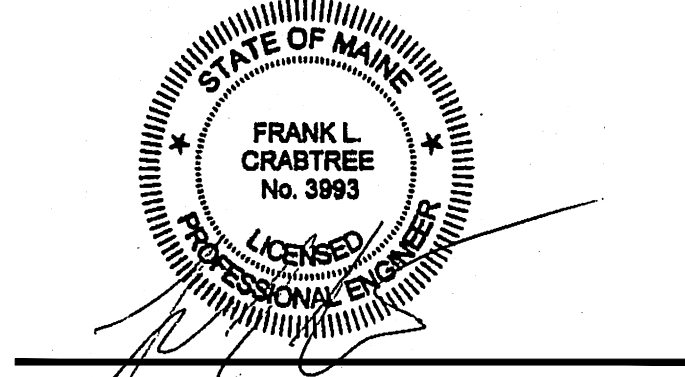
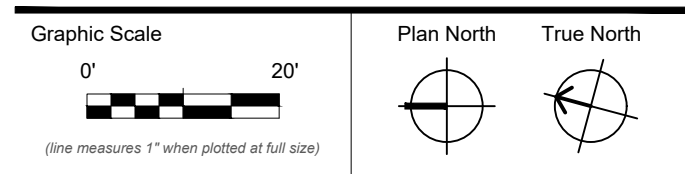
Revision Date	Revision Description

Drawn by: FLC / TNE

SITE UTILITY PLAN



A1 GATEHOUSE AREA PLAN
SCALE: N.T.S.



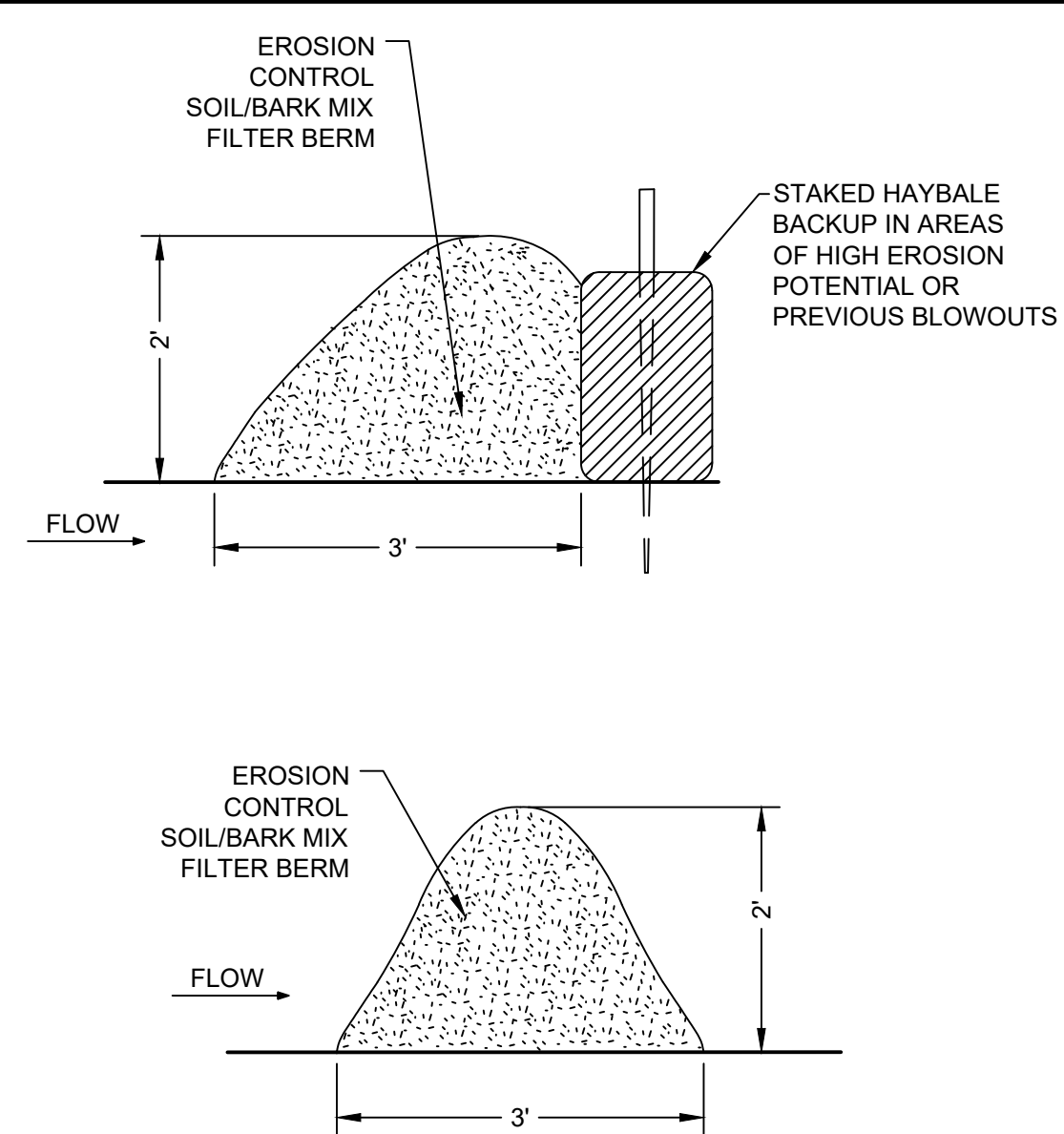
CONSTRUCTION DOCUMENTS

JULY 30, 2024

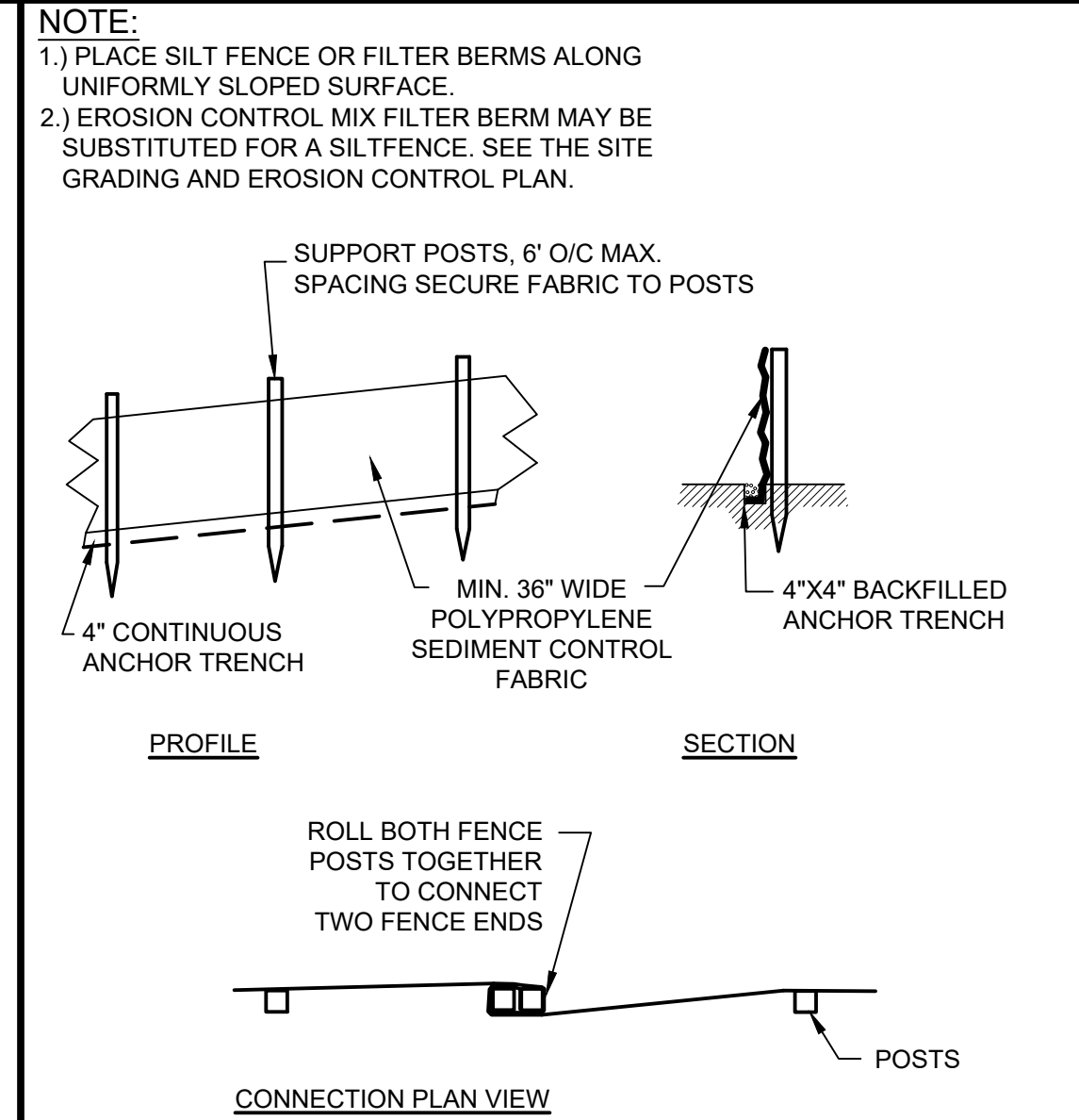
Revision Date	Revision Description

Drawn by: FLC / TNE

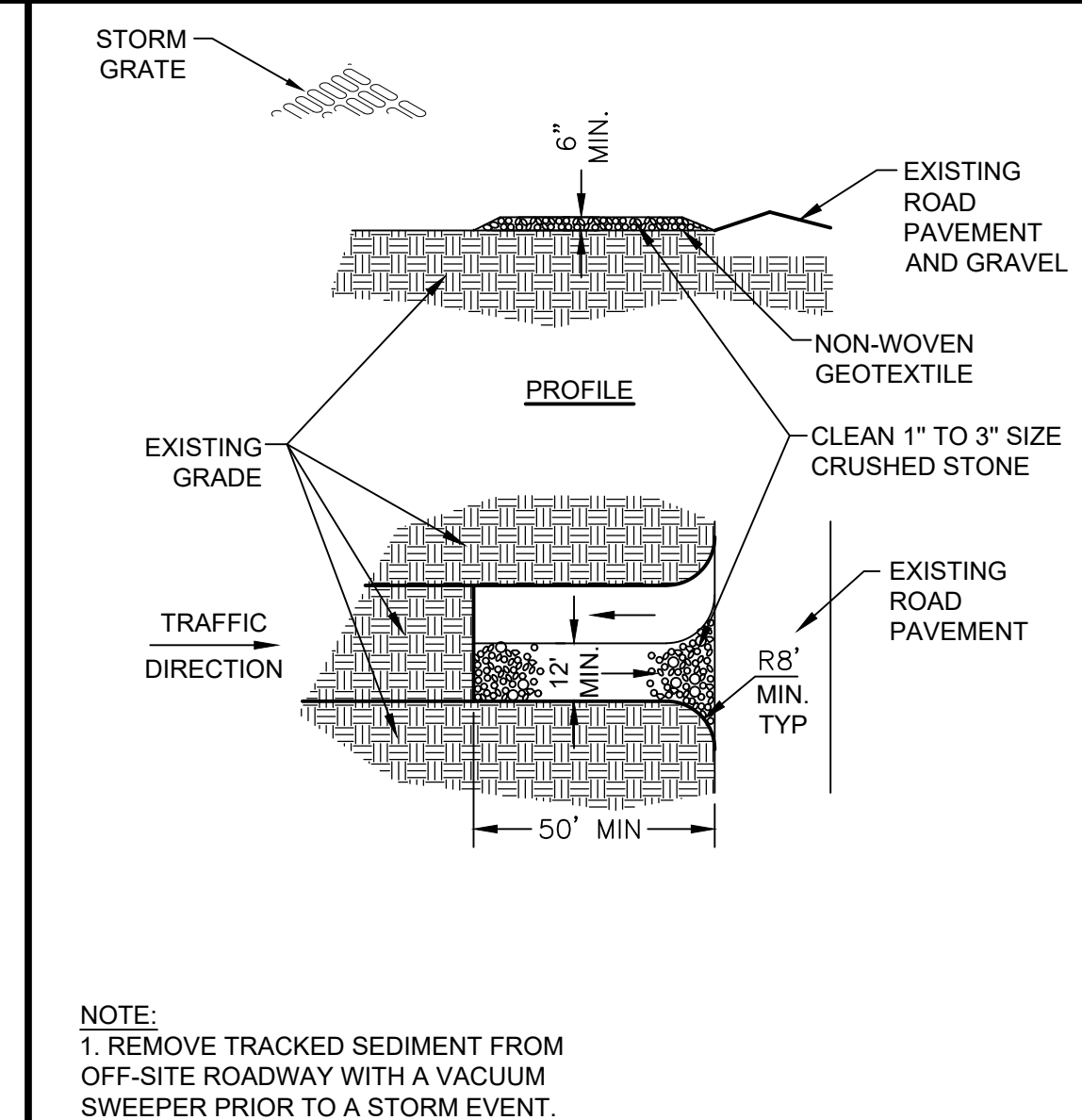
SITE UTILITY PLAN



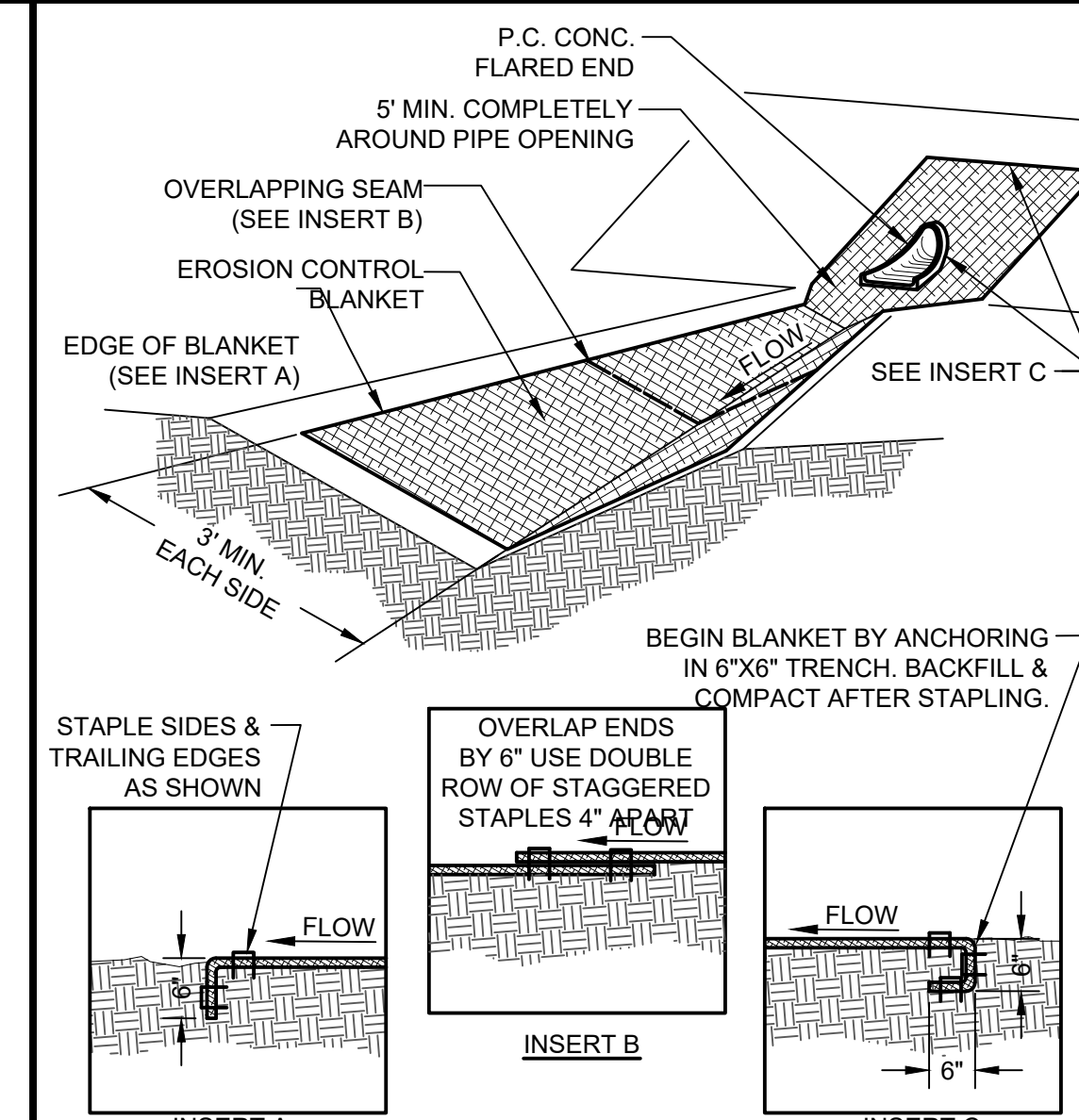
C1 SEDIMENT FILTER BERM
SCALE: N.T.S.



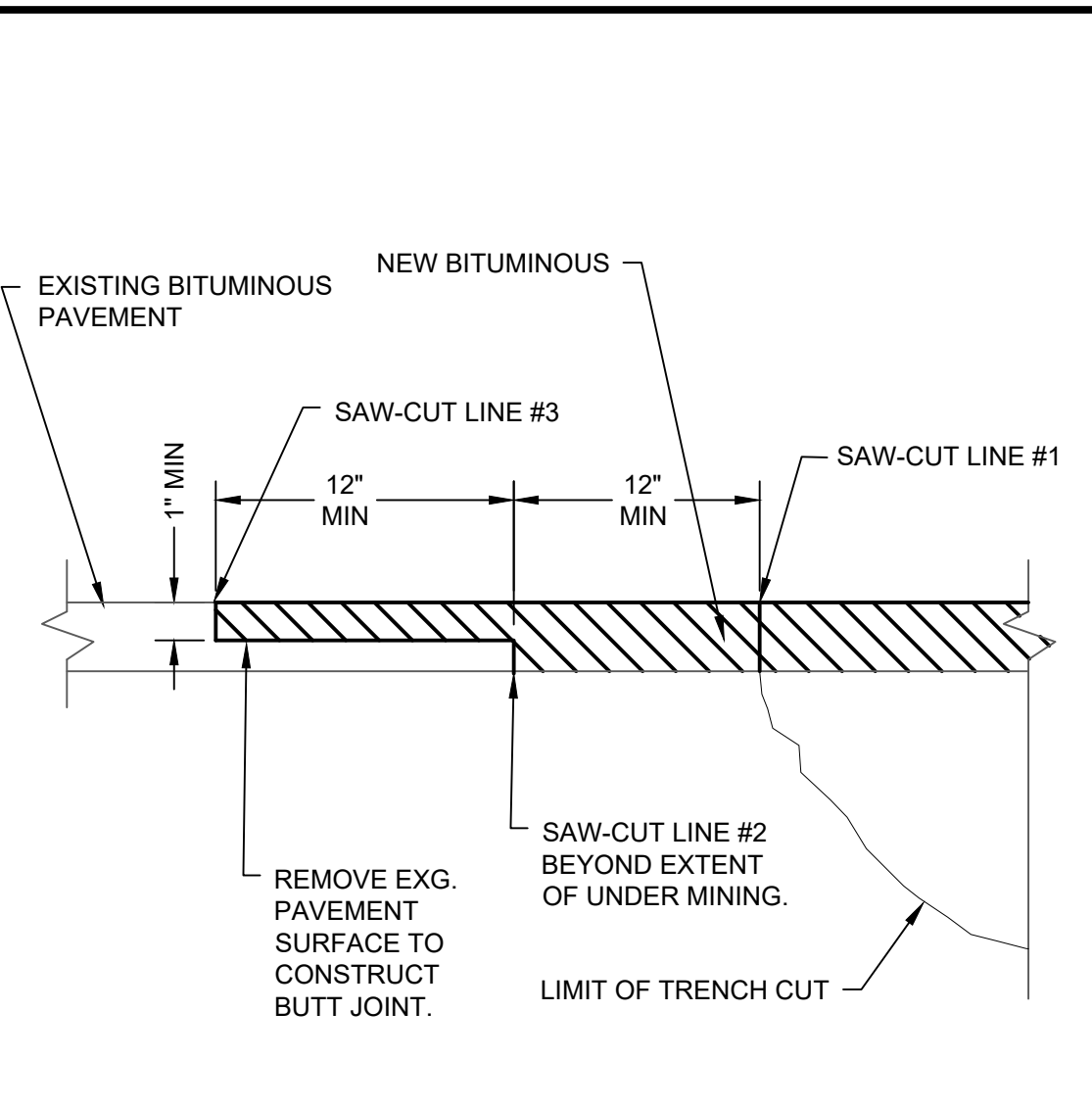
C2 SILT FENCE
SCALE: N.T.S.



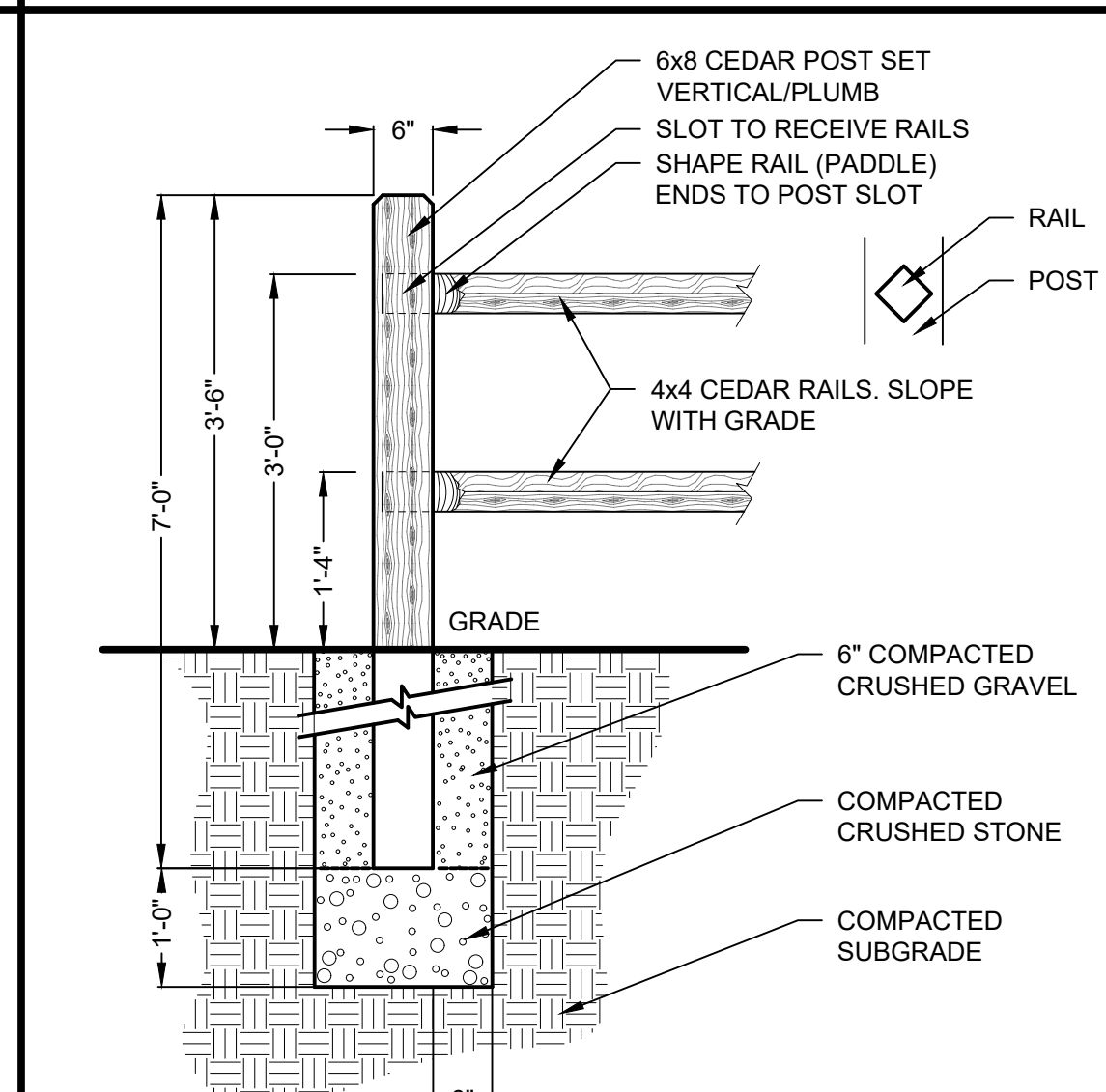
C3 TEMP. STABILIZED CONSTRUCTION EXIT
SCALE: N.T.S.



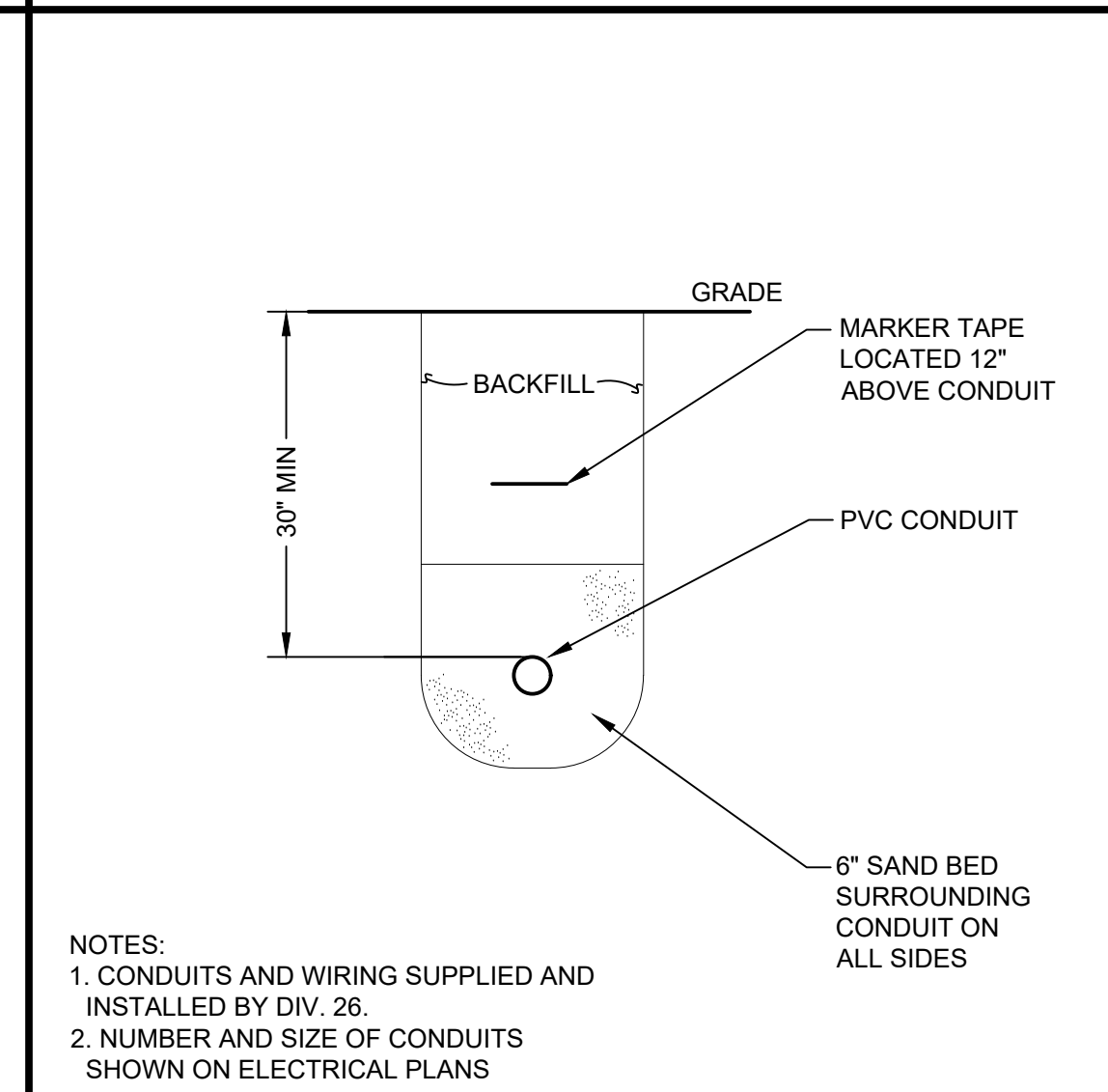
C4 EROSION CONTROL BLANKET
SCALE: N.T.S.



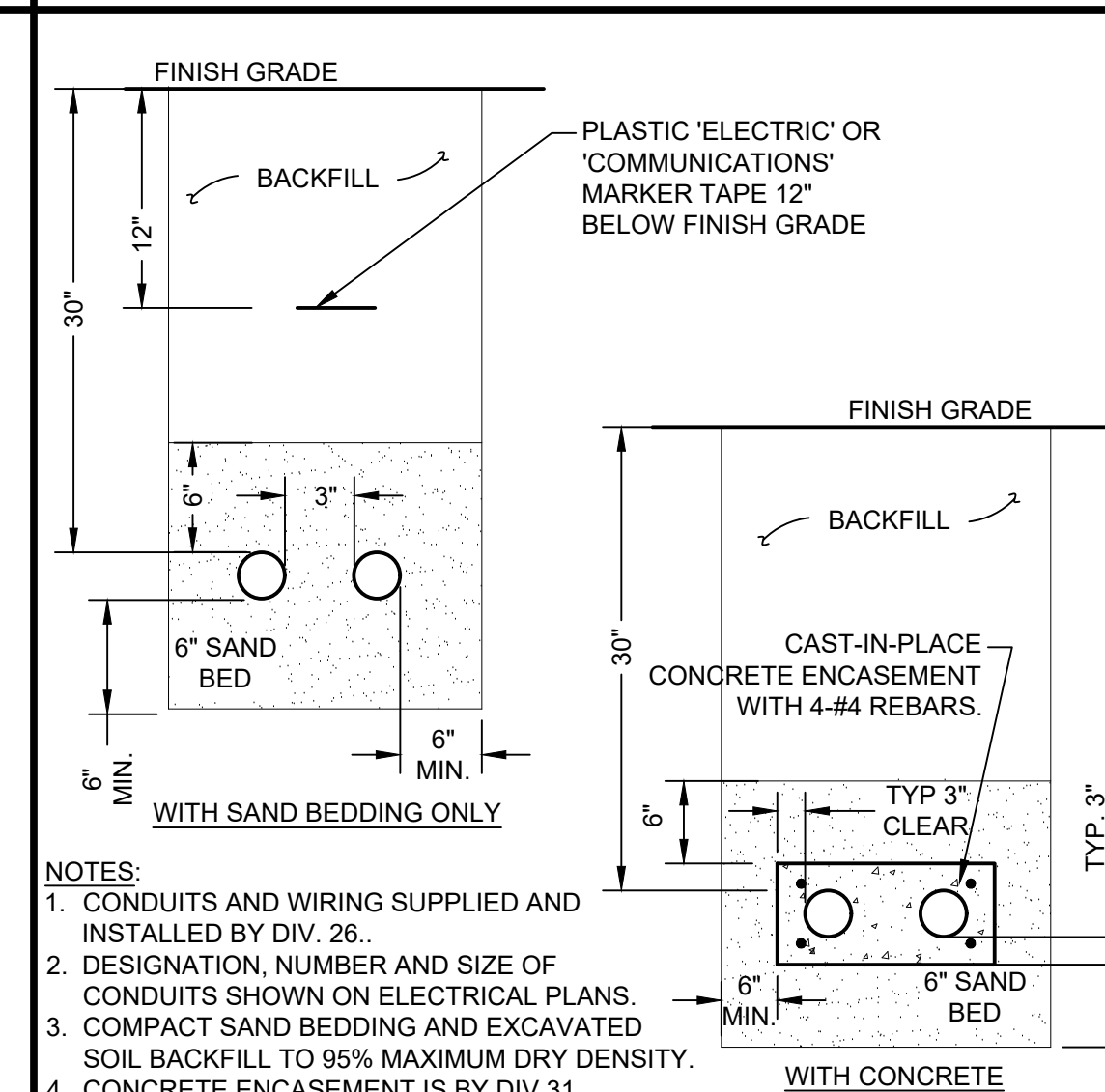
B1 PAVEMENT SAW-CUT JOINT
SCALE: N.T.S.



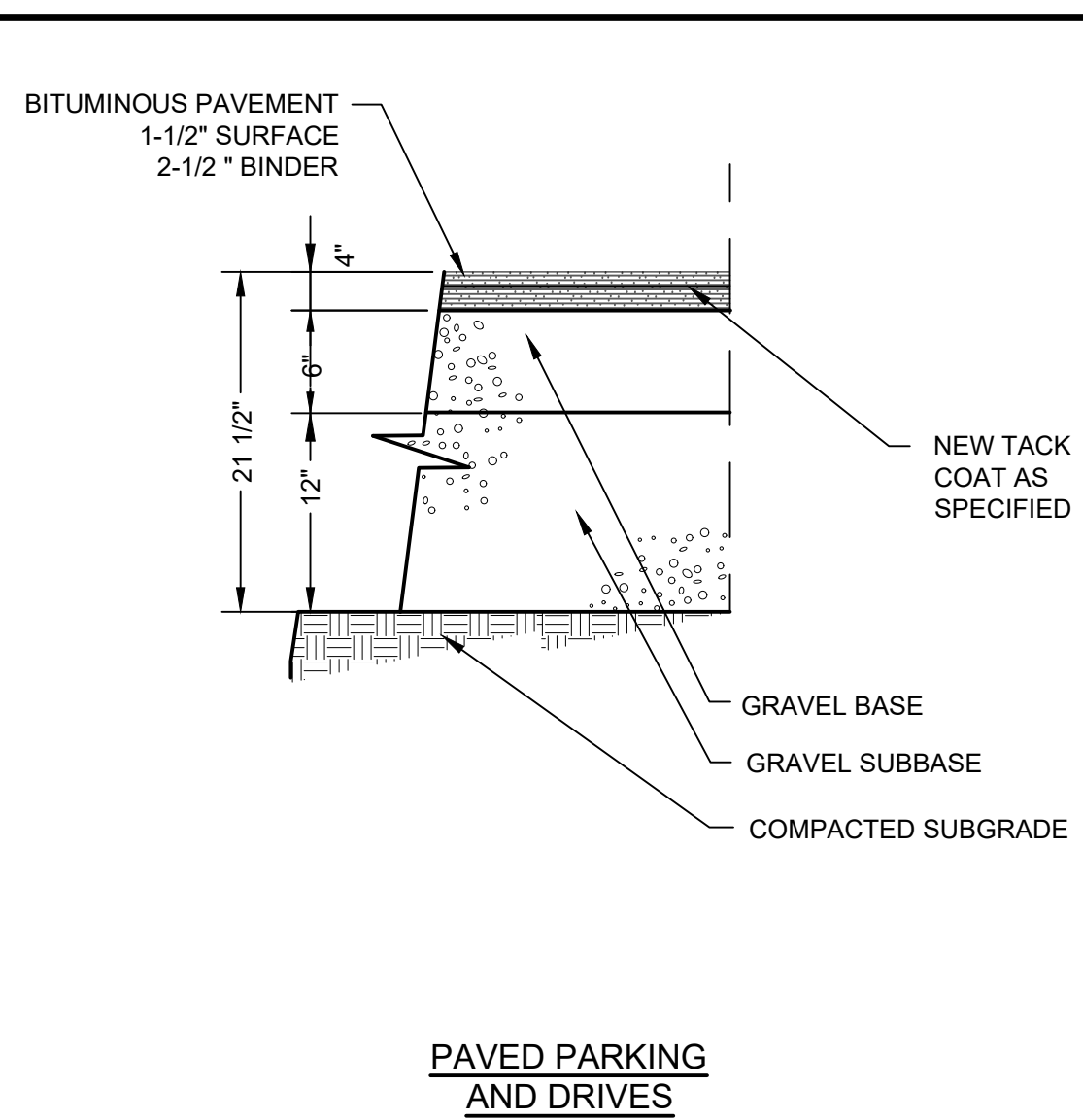
B2 SPLIT RAIL FENCE DETAIL
SCALE: N.T.S.



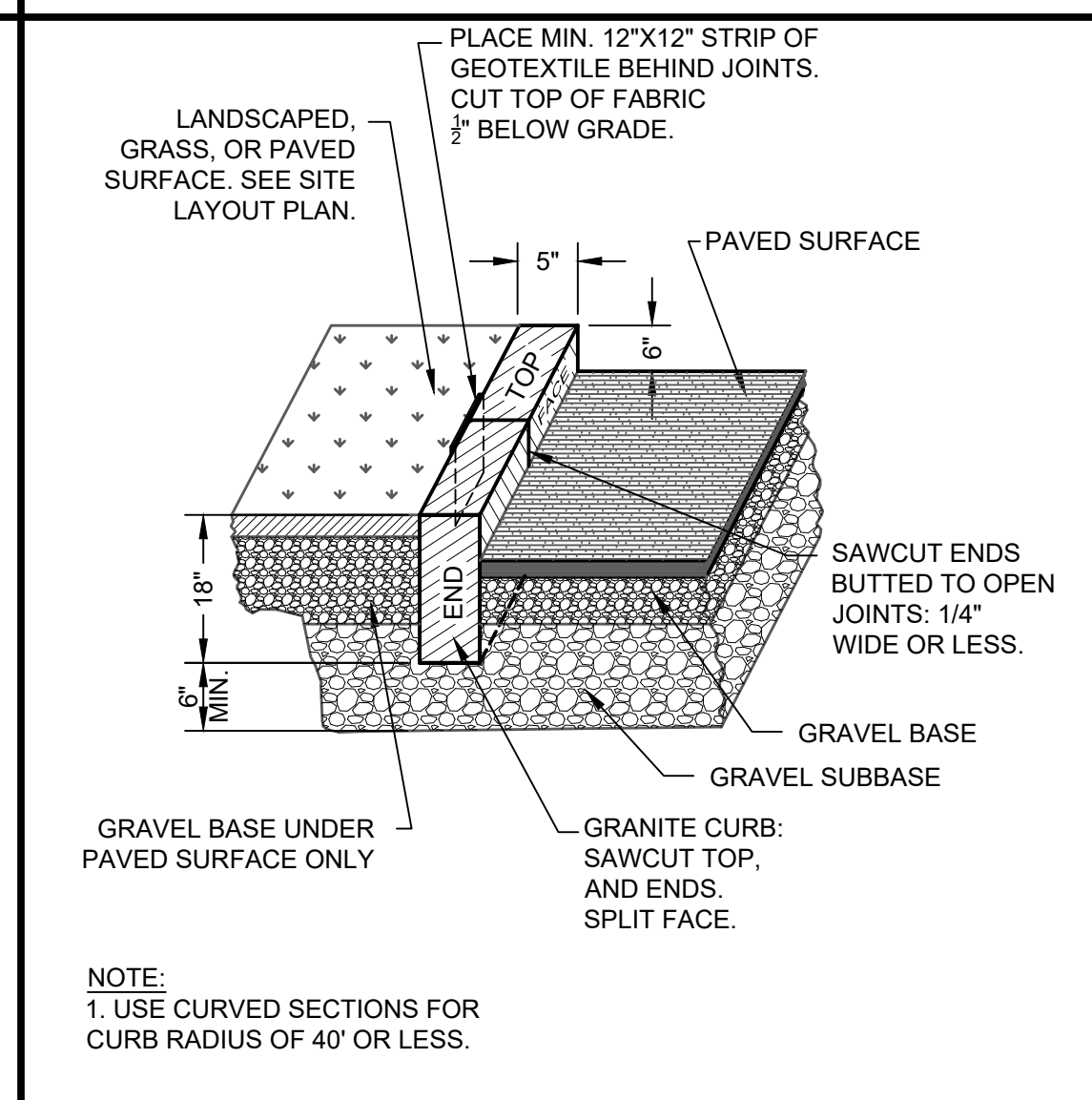
B3 UNDERGROUND LIGHTING CONDUIT
SCALE: N.T.S.



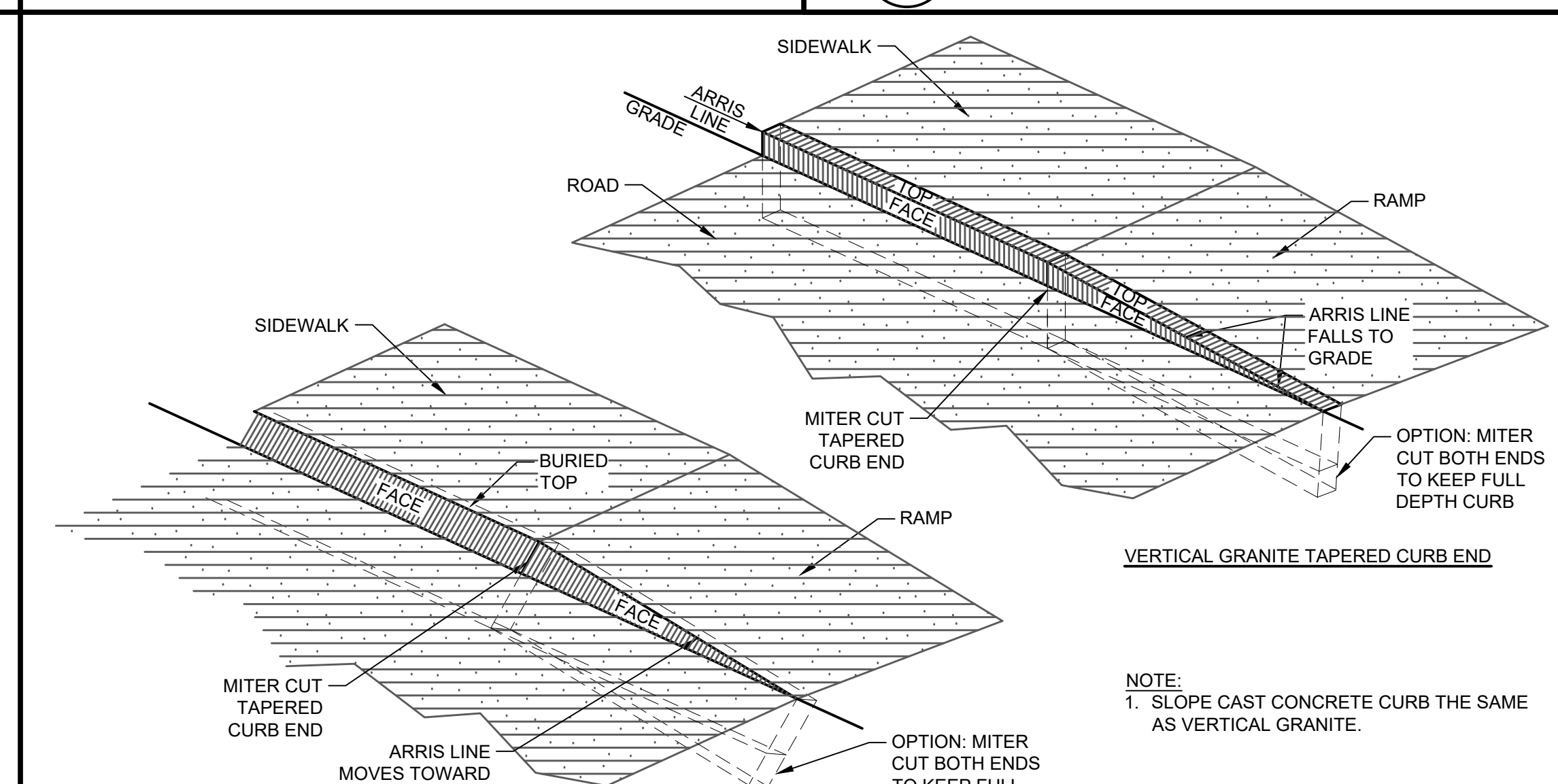
B4 TYP. DUCT BANK SECTION
SCALE: N.T.S.



A1 BITUMINOUS PAVEMENT DETAIL
SCALE: N.T.S.

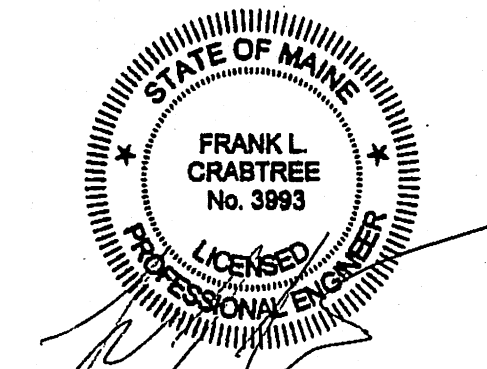


A2 VERTICAL GRANITE CURB (VGC)
SCALE: N.T.S.



A3 TAPERED CURB END (TCE)
SCALE: N.T.S.

(See reference 1" when plotted at full size)



CONSTRUCTION DOCUMENTS

JULY 30, 2024

Revision Date Revision Description

Revision Date	Revision Description

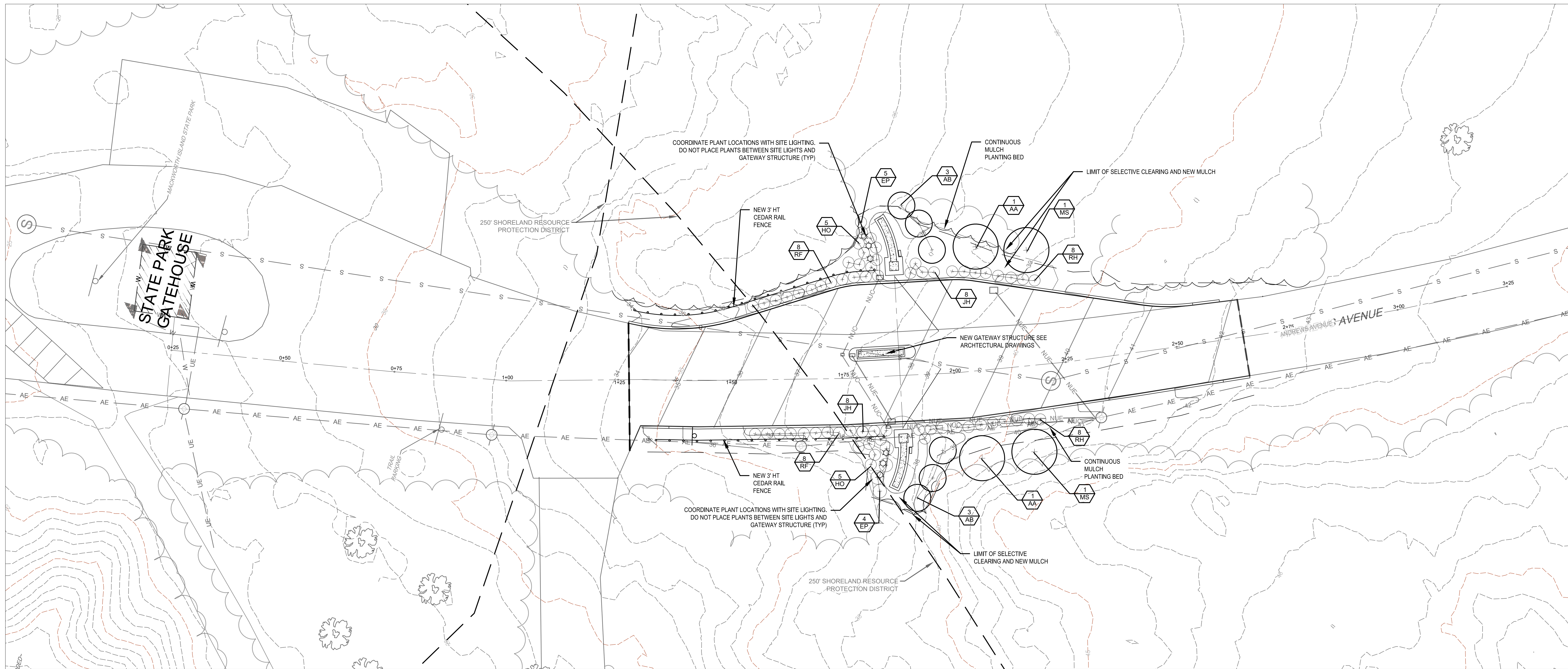
Drawn by: FLC / TNE

SITE DETAILS

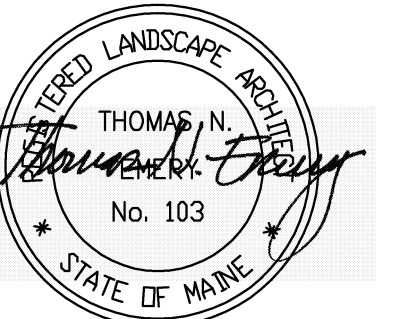
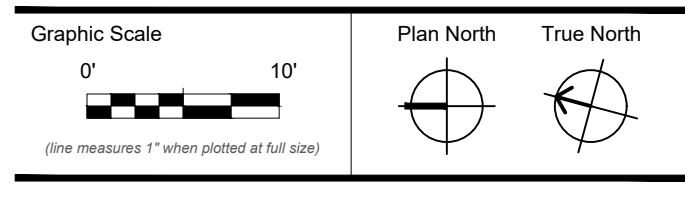
Plant Material Schedule

Qty	Key	Botanical Name	Common Name	Size	Remarks
Evergreen Trees					
6	AB	Abies Balsamea	Balsam Fir	3' Ht. B&B	as shown
Understory Trees					
2	AA	Amelanchier arborea	Downy Serviceberry	1 3/4" C B&B	3-stem
2	MS	Malus "Snowdrift"	Snowdrift Crabapple	1 3/4" C B&B	
Perennials/ Groundcover					
10	EP	Echinacea purpurea	Purple Coneflower	1G	Mulched bed
10	HO	Hemerocallis variegata	Daylily	1G	Mixed color & hts
16	JH	Juniperus horizontalis 'Blue Rug'	Blue Rug Juniper	2G	Mulched bed
16	RF	Rudbeckia fulgida	Cone Flower	1G	Mulched bed
16	RH	Rudbeckia hirta 'Prairie Sun'	Gloriosa Daisy	1G	Mulched bed

B1 GATEHOUSE AREA PLANT LIST



A1 GATEHOUSE AREA PLANTING PLAN
SCALE: AS NOTED



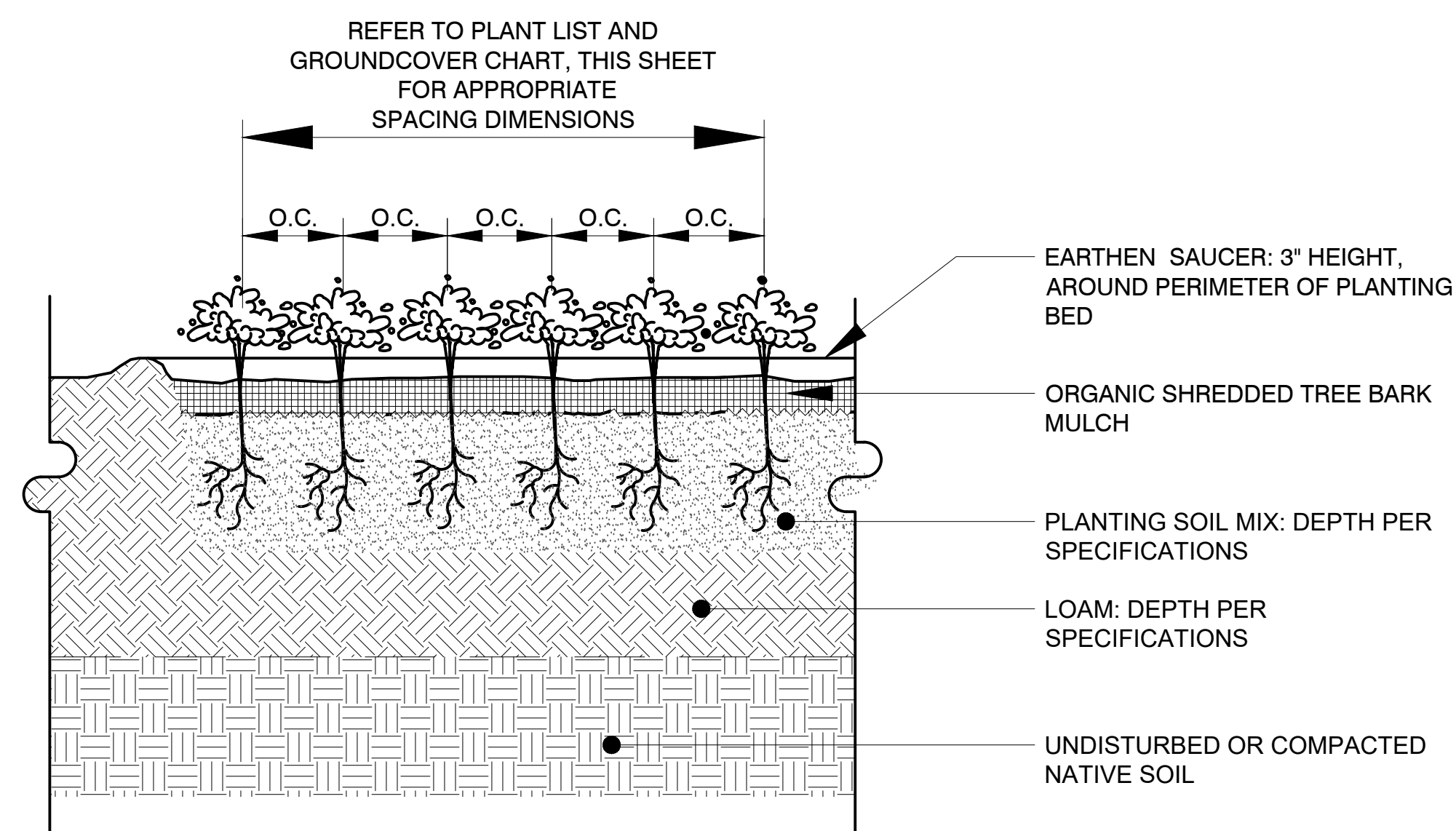
CONSTRUCTION DOCUMENTS

JULY 30, 2024

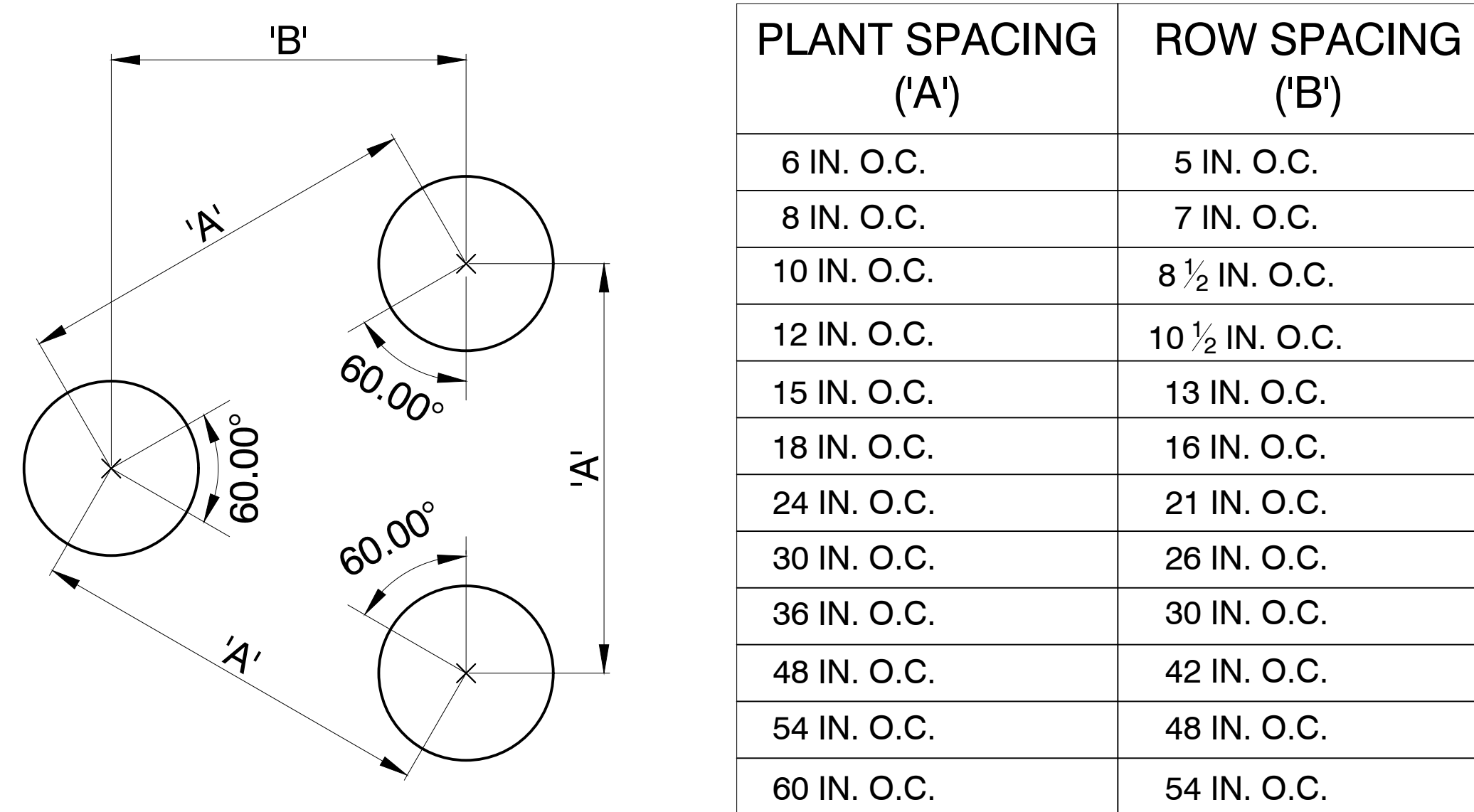
Revision Date	Revision Description

Drawn by: FLC / TNE

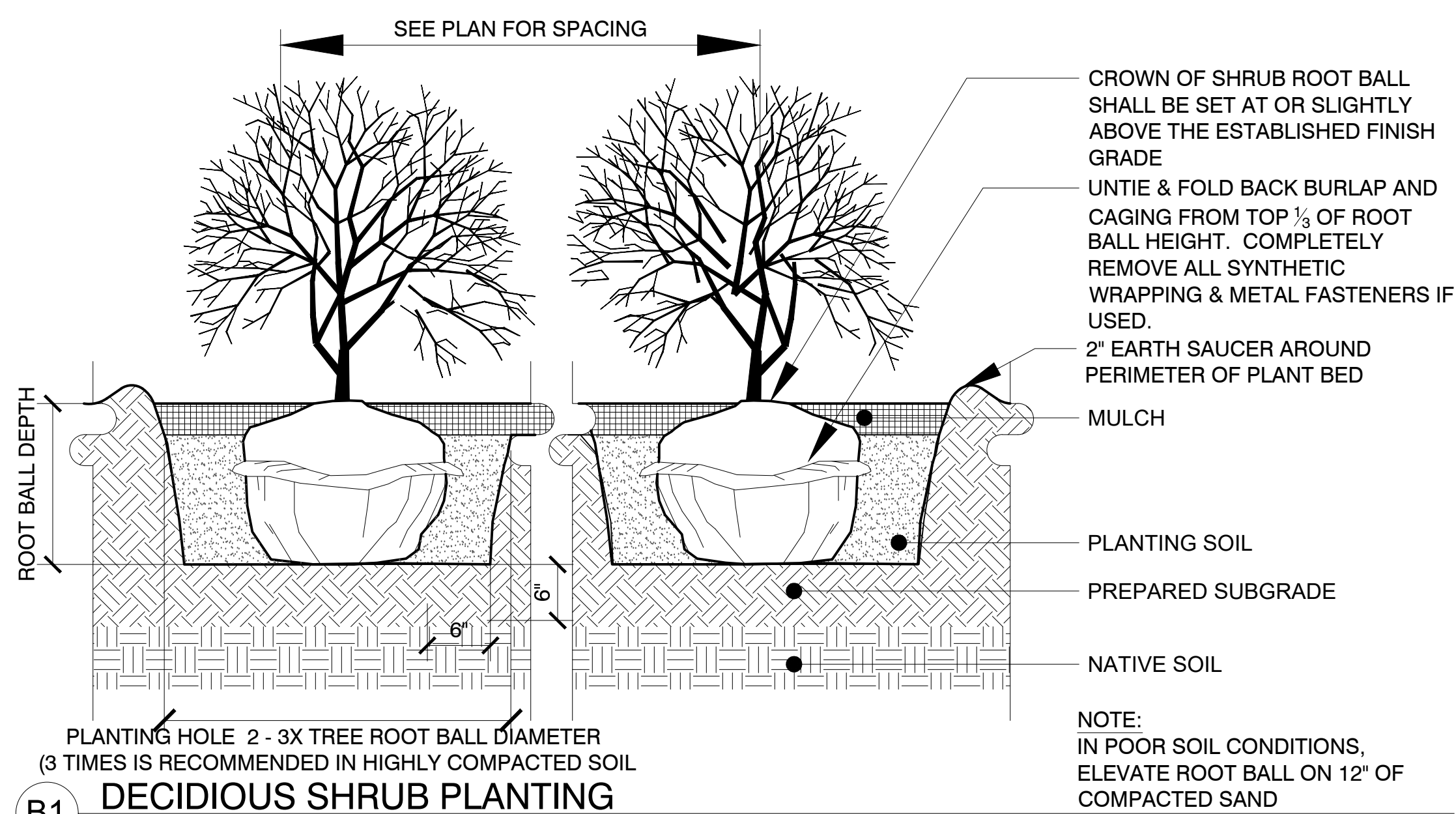
PLANTING PLAN



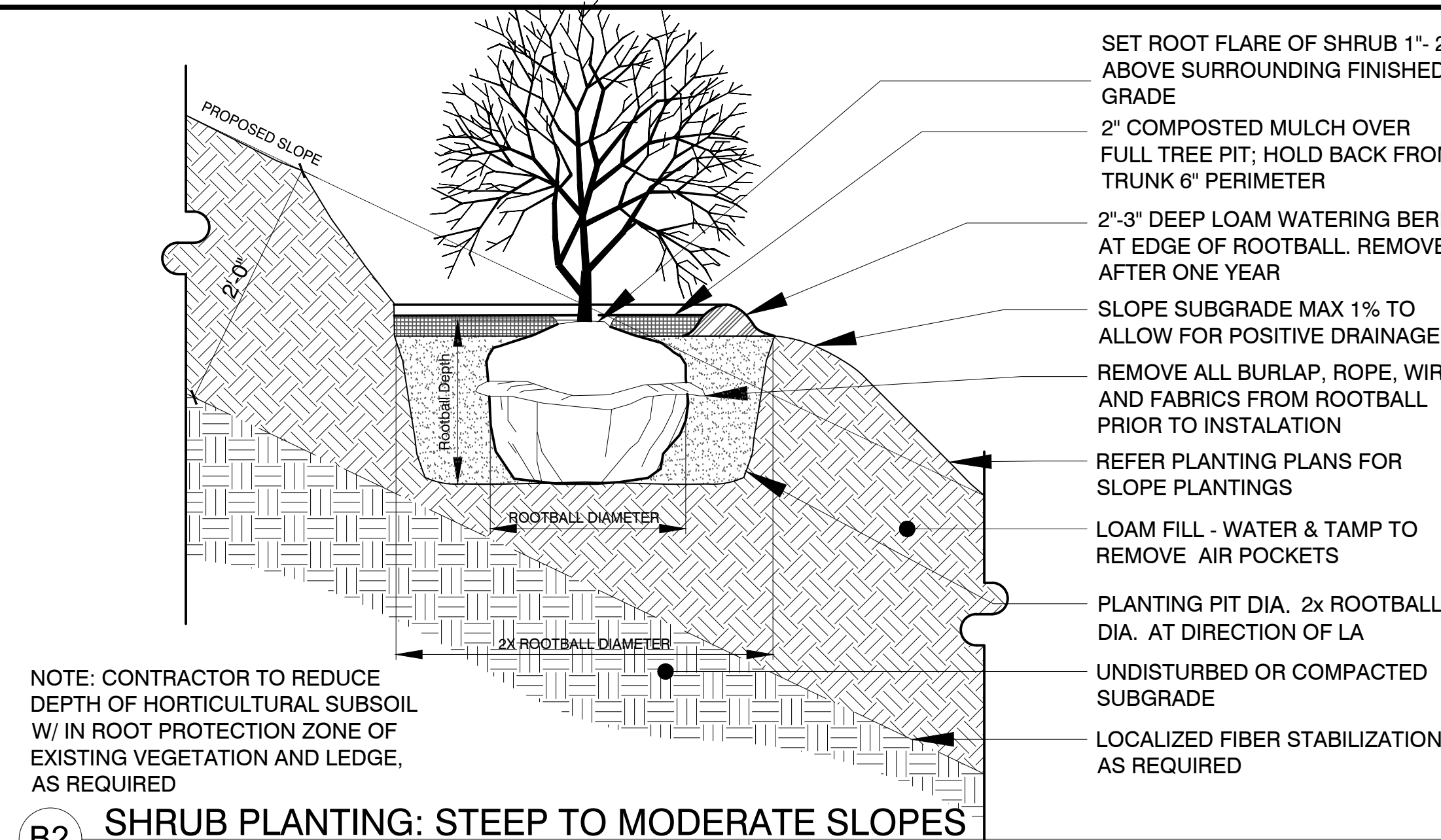
C1 GROUNDCOVER PLANTING
Scale: Not To Scale



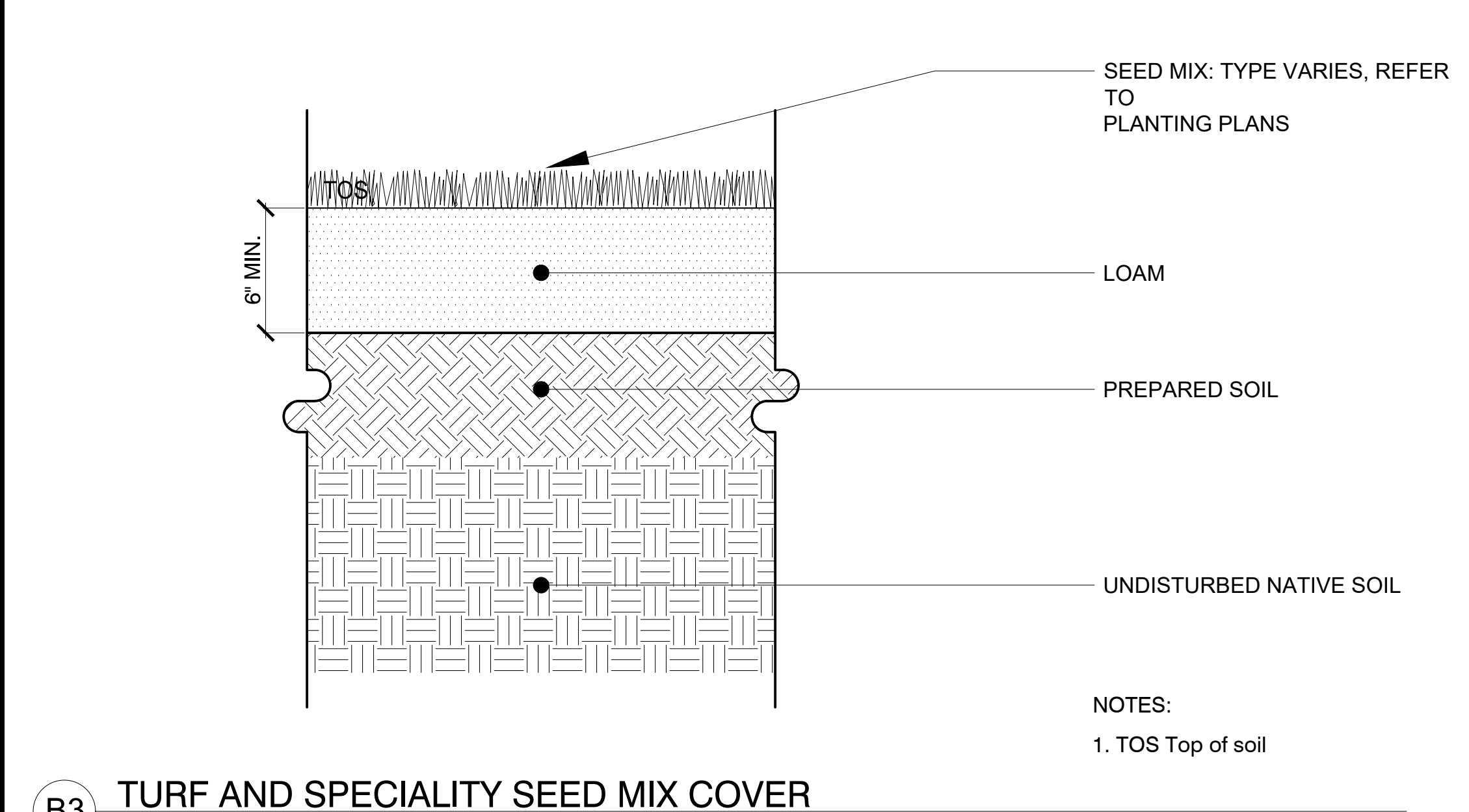
C2 GROUNDCOVER, PERENNIAL AND ORNAMENTAL GRASS SPACING CHART
Scale: Not To Scale



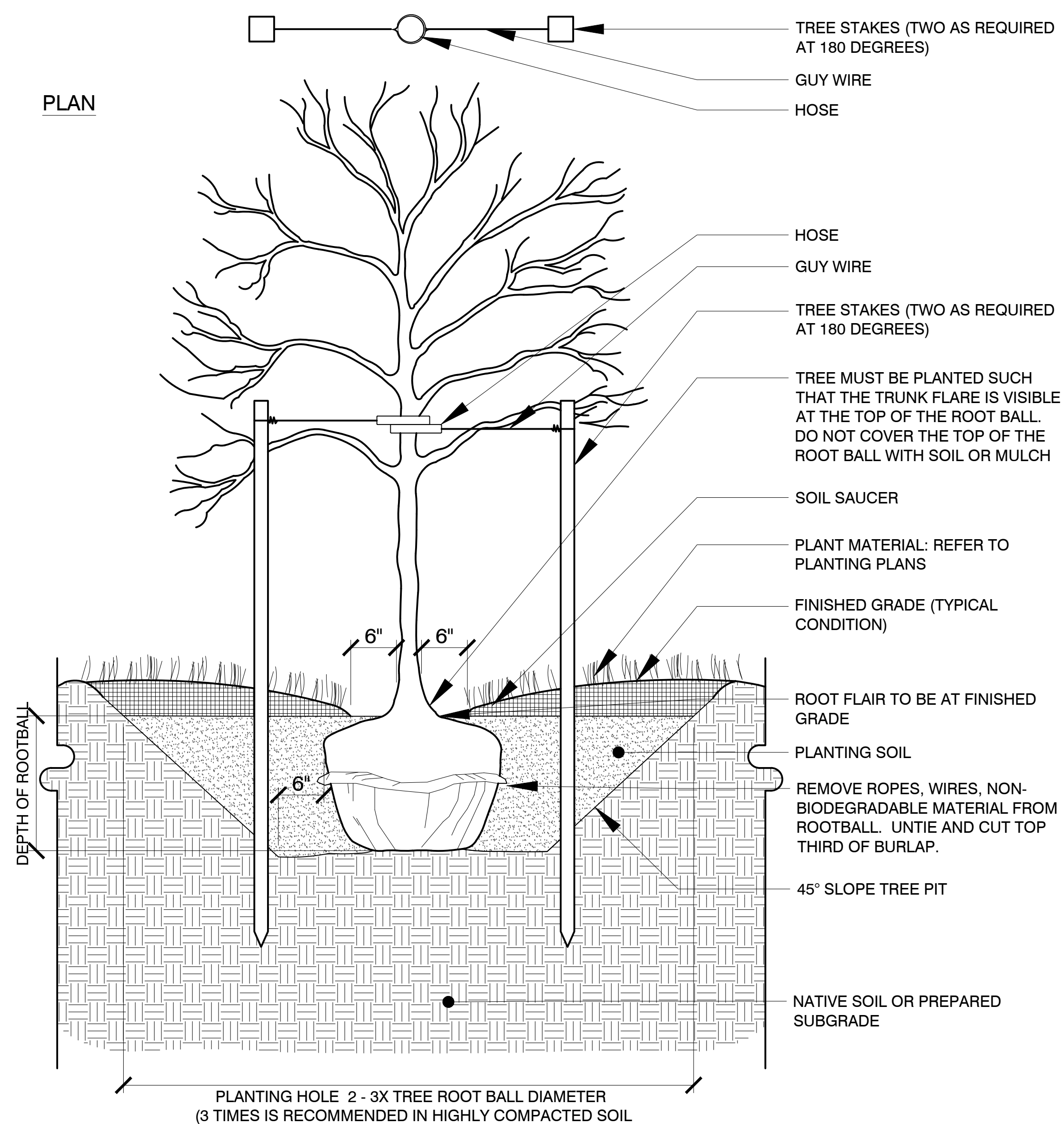
B1 DECIDUOUS SHRUB PLANTING
Scale: Not To Scale



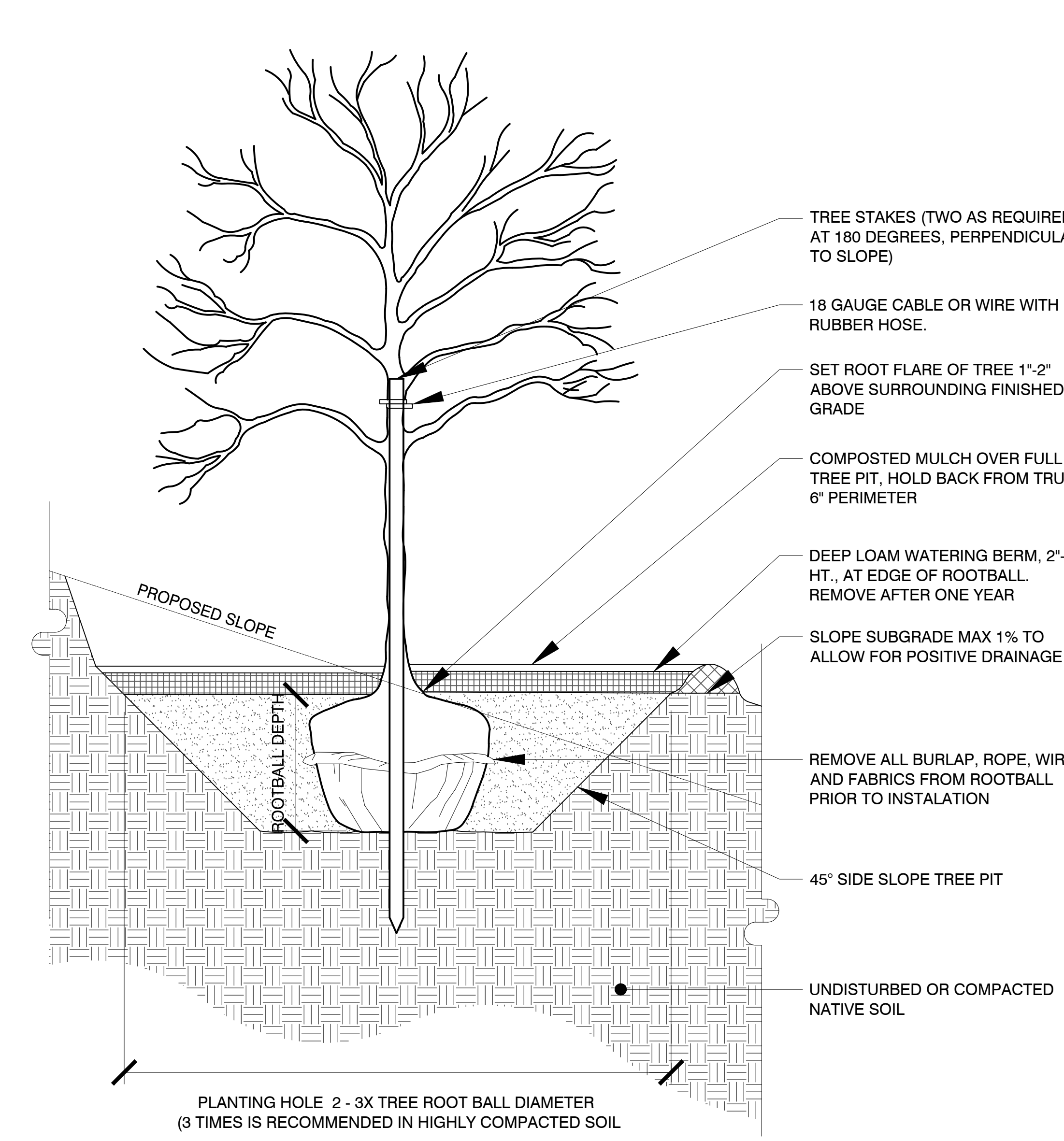
B2 SHRUB PLANTING: STEEP TO MODERATE SLOPES
Scale: Not To Scale



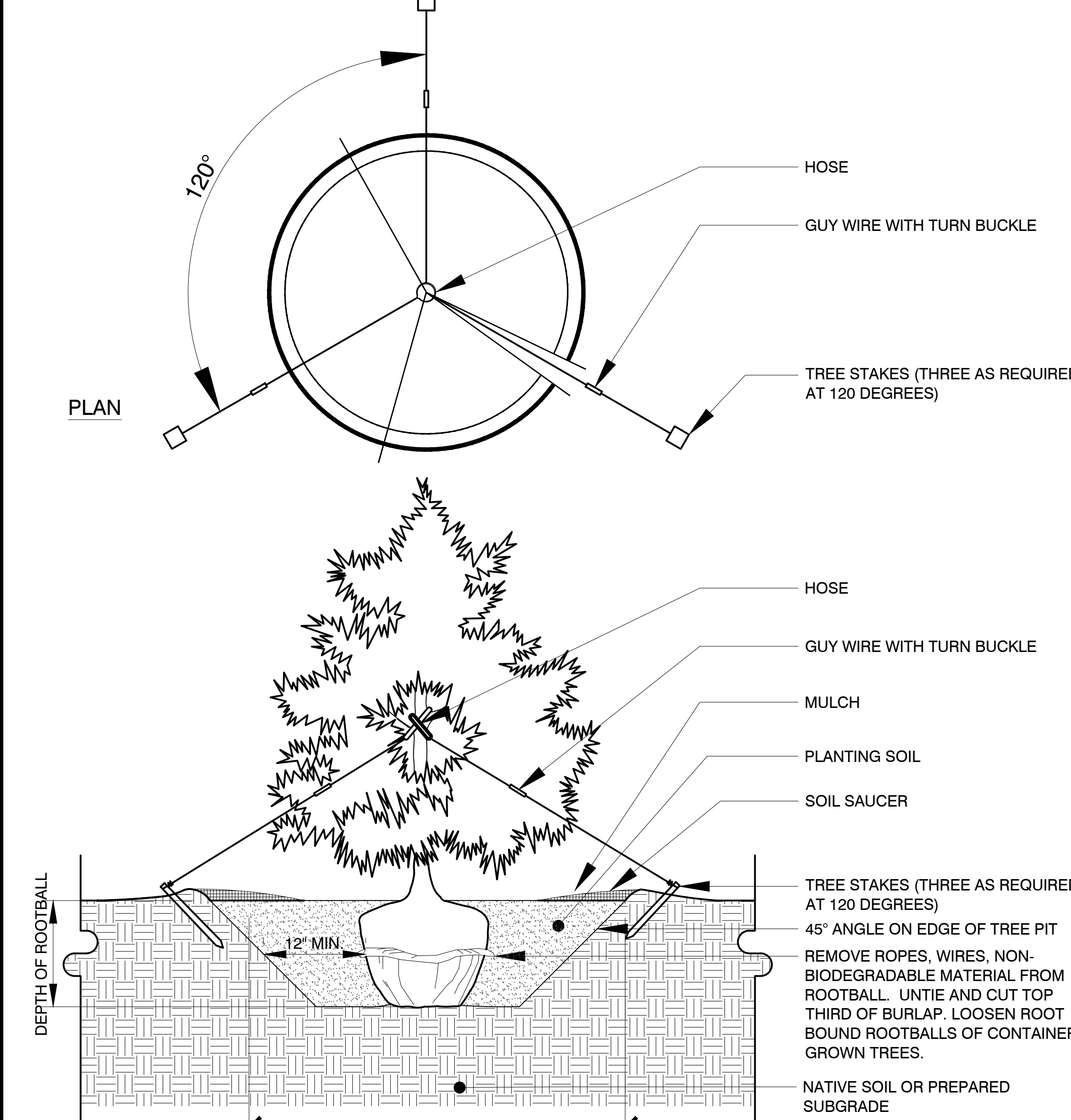
B3 TURF AND SPECIALITY SEED MIX COVER
Scale: Not To Scale



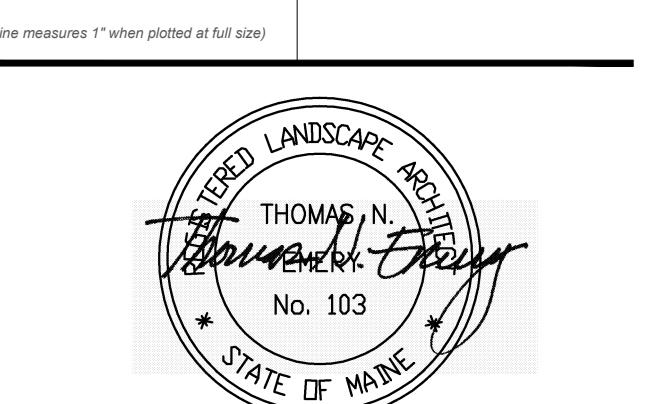
A1 DECIDUOUS TREE PLANTING
Scale: Not To Scale



A2 DECIDUOUS TREE PLANTING: MODERATE TO STEEP SLOPES
Scale: Not To Scale



A3 CONIFER TREE PLANTING
Scale: Not To Scale



CONSTRUCTION DOCUMENTS

July 30, 2024

Revision Date	Revision Description

Drawn by: FLC / TNE

PLANTING DETAILS

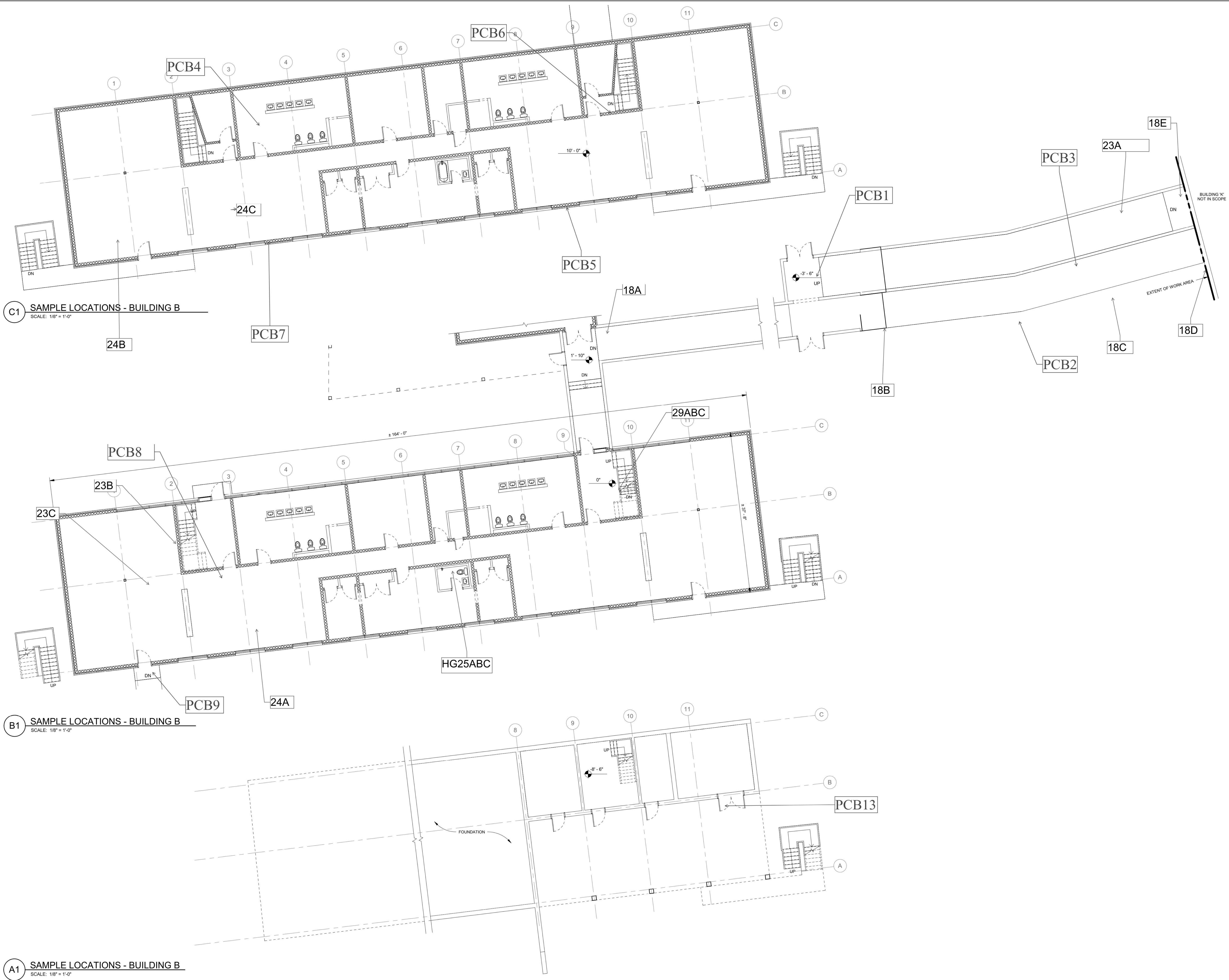
STATE OF MAINE
MACKWORTH ISLAND
RENOVATIONS
PHASE 1

FALMOUTH, MAINE

Harriman Project No. 23216

HAZARDOUS MATERIALS
GENERAL NOTES

1. PLANS SHOWN ARE FOR DIAGRAMATIC PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS.
2. SEE RFP ENVIRONMENTAL TESTING AND CONSULTING SERVICES HAZARDOUS MATERIALS REPORT DATED APRIL 10, 2024 FOR FULL DETAILS (SPECIFICATIONS APPENDIX A)
3. ALL WORK AND DISPOSAL TO BE DONE IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS, CODES AND STANDARDS, AND MEET THE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION. SEE SPECIFICATIONS FOR ADDITIONAL DETAILS.
4. IF HAZARDOUS REMOVALS R

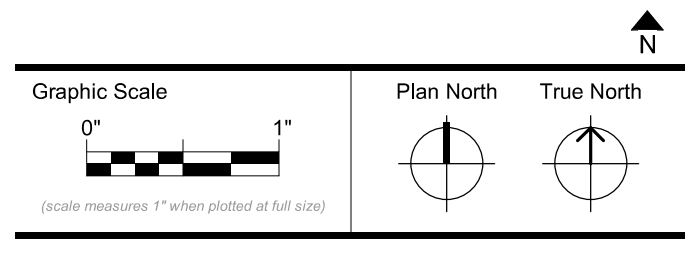
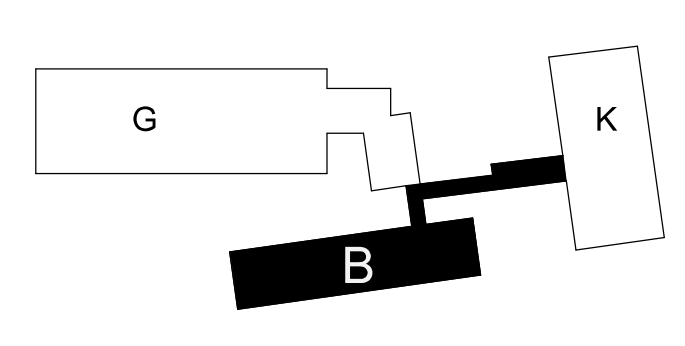


C1 SAMPLE LOCATIONS - BUILDING B
SCALE: 1/8" = 1'-0"

B1 SAMPLE LOCATIONS - BUILDING B
SCALE: 1/8" = 1'-0"

A1 SAMPLE LOCATIONS - BUILDING B
SCALE: 1/8" = 1'-0"

KEY PLAN



CONSTRUCTION DOCUMENTS

JULY 30, 2024

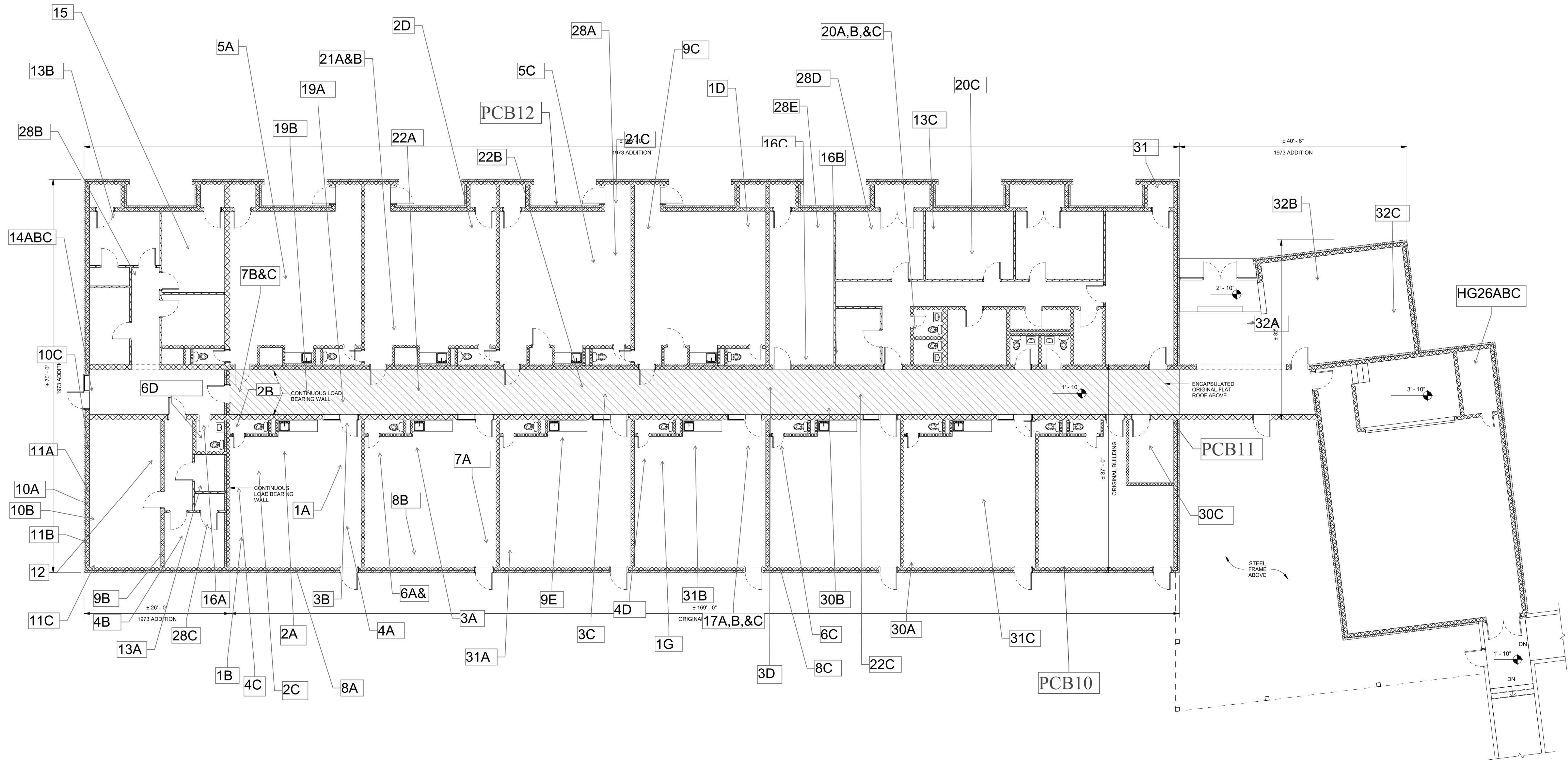
Revision Date	Revision Description

Drawn by: RFP ENVIRONMENTAL

SAMPLE LOCATIONS - BUILDING B

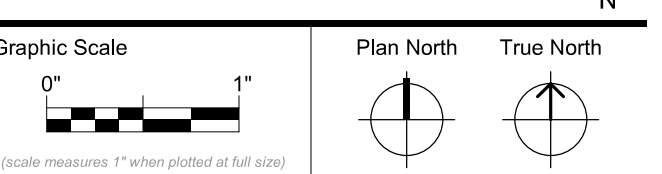
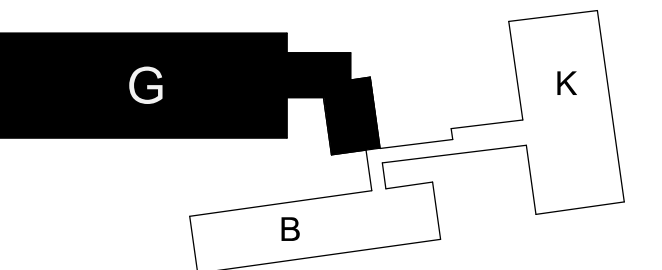
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A1 SAMPLE LOCATIONS - BUILDING G
SCALE: 1/8" = 1'-0"

KEY PLAN



CONSTRUCTION DOCUMENTS

JULY 30, 2024

Revision Date Revision Description

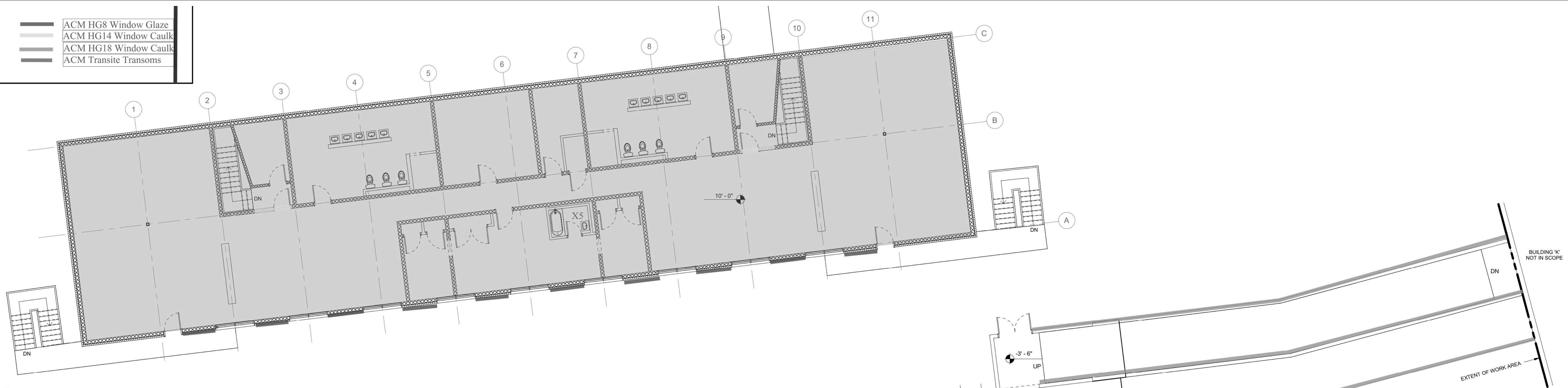
Revision Date	Revision Description

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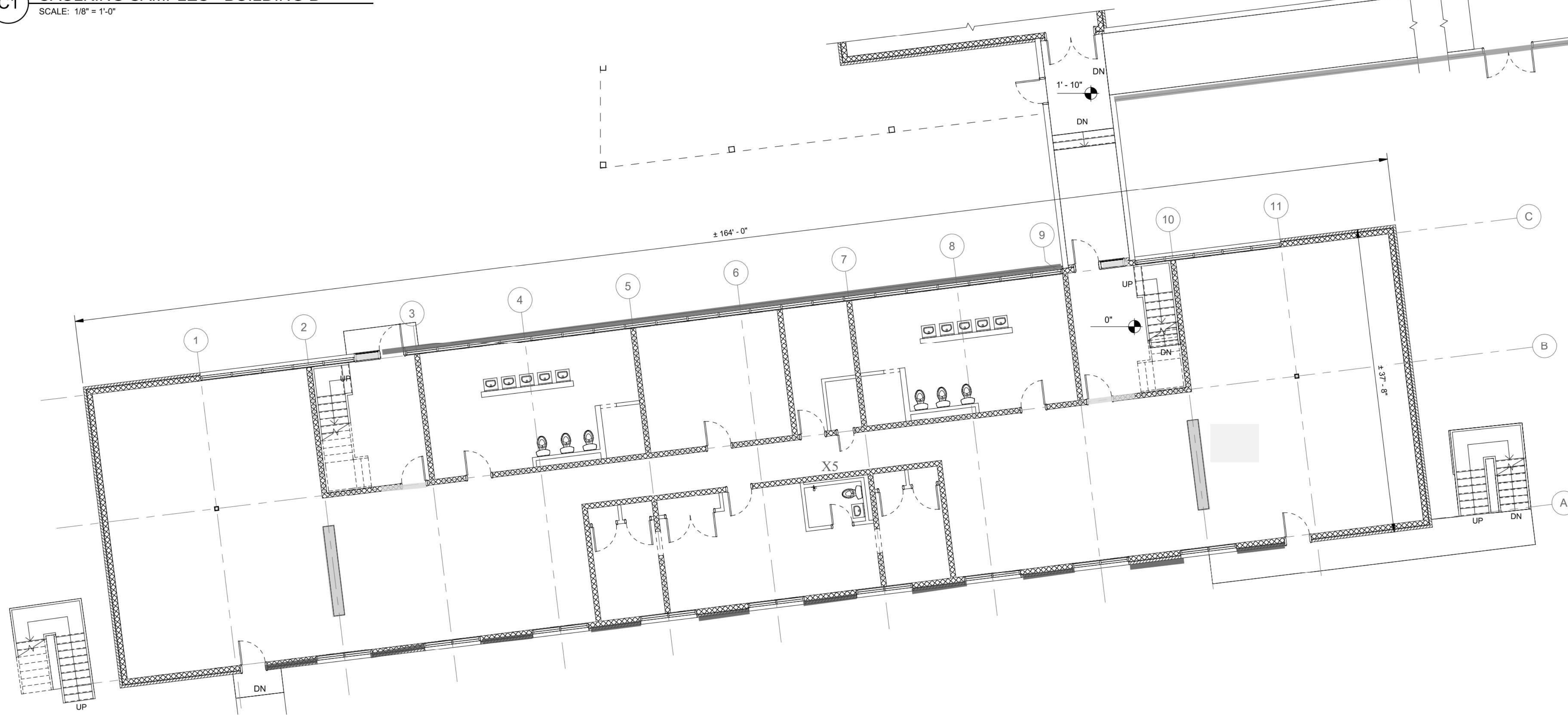
SAMPLE LOCATIONS -
BUILDING G

H10-2

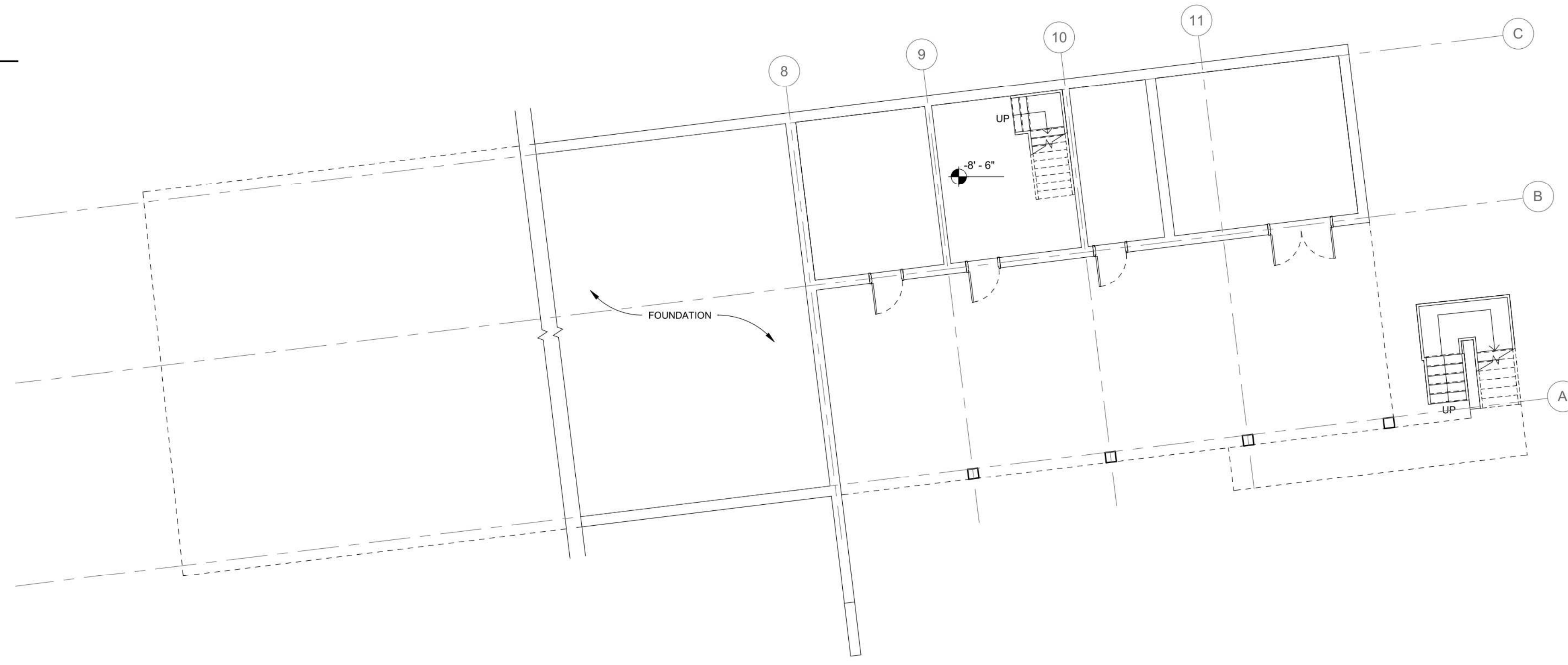
- ACM HG8 Window Glaze
- ACM HG14 Window Caulk
- ACM HG18 Window Caulk
- ACM Transit Transoms



C1 CAULKING SAMPLES - BUILDING B
SCALE: 1/8" = 1'-0"



B1 CAULKING SAMPLES - BUILDING B
SCALE: 1/8" = 1'-0"

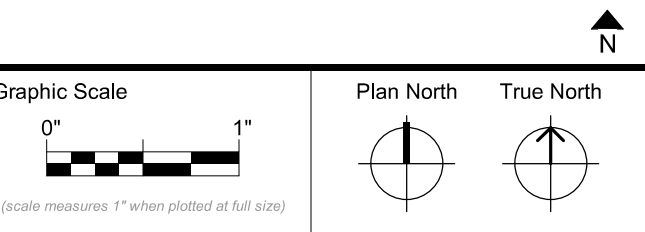
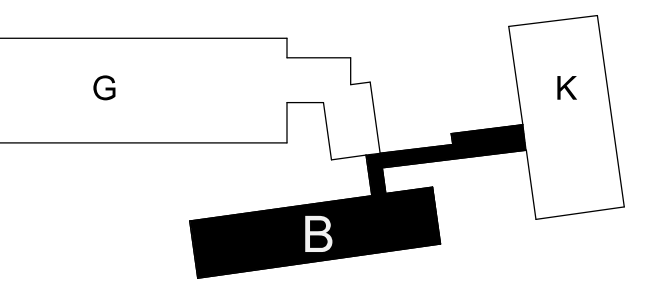


A1 CAULKING SAMPLES - BUILDING B
SCALE: 1/8" = 1'-0"

**HAZARDOUS MATERIALS
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KEY PLAN



CONSTRUCTION DOCUMENTS

JULY 30, 2024

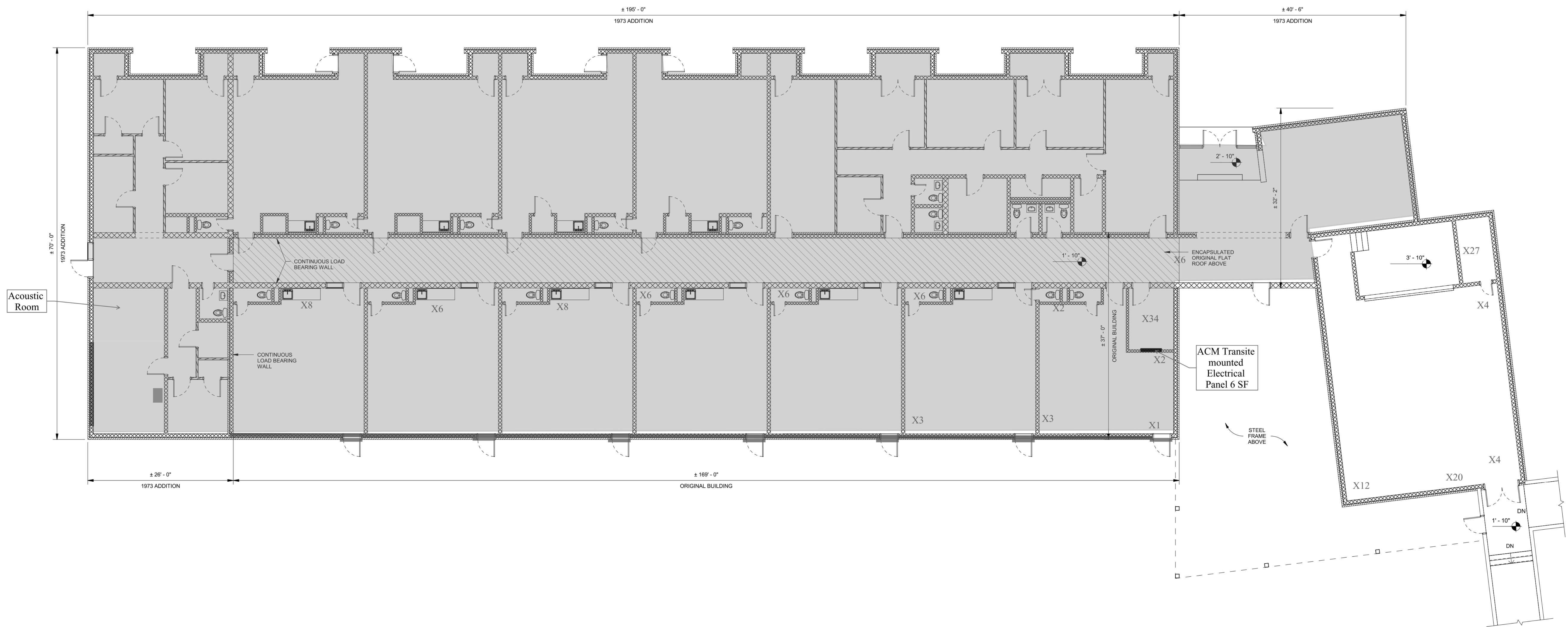
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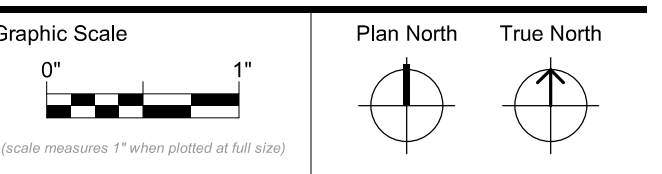
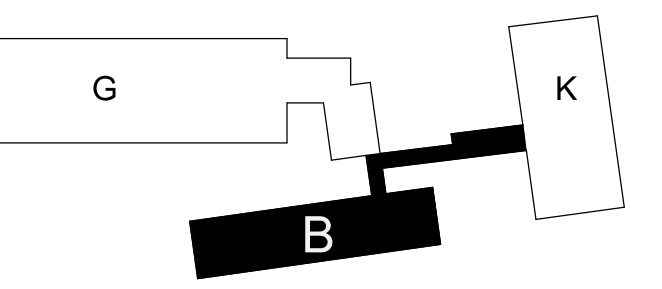
**CAULKING SAMPLE
LOCATIONS - BUILDING B**

**HAZARDOUS MATERIALS
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KEY PLAN



CONSTRUCTION DOCUMENTS

JULY 30, 2024

Revision Date	Revision Description

Drawn by: RPF ENVIRONMENTAL

CAULKING SAMPLE
LOCATIONS - BUILDING G

H10-4

GENERAL NOTES:

- 1. STRUCTURAL DRAWINGS SHALL BE USED WITH ADDITION TO JOB SPECIFICATIONS. ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, CIVIL AND SITE DRAWINGS. THESE DRAWINGS SHALL BE USED TO COORDINATE LOCATIONS AND DIMENSIONS OF ITEMS SUCH AS OPENINGS, CHASES, INSERTS, SLEEVES, DEPRESSIONS, AND OTHER INFORMATION NOT PROVIDED IN THE STRUCTURAL DRAWINGS. ANY INCONSISTENCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCING THE WORK AFFECTED.
2. CONTRACTOR SHALL REPORT ANY VARIATIONS FOUND AT THE SITE BEFORE PROCEEDING WITH THAT PART OF THE WORK.
3. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER ALL OF THE STRUCTURAL WORKED PROVIDED IN THE STRUCTURAL DRAWINGS HAVE BEEN COMPLETED. ALL ERECTION PROCEDURES, SEQUENCES, SHORING, ETC. REQUIRED TO ENSURE THE SAFETY OF THE STRUCTURE AND ITEMS ASSOCIATED WITH THE STRUCTURE DURING THE ERECTION/CONSTRUCTION PHASE IS MEANS-AND-METHODS AND IS SOLELY THE CONTRACTORS RESPONSIBILITY INCLUDING BUT NOT LIMITED TO SHORING, TEMPORARY BRACING, ETC.
4. SECTIONS AND DETAILS ON THE STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS AS DETERMINED BY THE STRUCTURAL ENGINEER.
5. ALL FEDERAL, STATE AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED AS APPLICABLE FOR THE PROJECT.

DESIGN INFORMATION:

- 1. BUILDING CODE: MAINE UNIFORM BUILDING AND ENERGY CODE INTERNATIONAL BUILDING CODE 2015 ASCE 7-10 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
SNOW LOAD: GROUND SNOW LOAD (Pg) = 50 PSF EXPOSURE FACTOR (Ce) = 1.0 THERMAL FACTOR (Ct) = 1.2 IMPORTANCE FACTOR (Ib) = 0.8 FLAT ROOF SNOW LOAD (Ps) = 34.0 PSF
WIND LOAD: RISK CATEGORY = I BASIC WIND SPEED (Vb10) = 110 MPH BASIC WIND SPEED (Vb50) = 86 MPH EXPOSURE CATEGORY = C INT. PRESSURE COEF. (GCpi) = 0.00 COMPONENTS AND CLADDING: PER ASCE 7-10
SEISMIC LOAD: SOIL SITE CLASS = C IMPORTANCE FACTOR (Ib) = 1.0 Ss = 0.340 S1 = 0.078 Sds = 0.192 Sd1 = 0.086 SEISMIC DESIGN CATEGORY = B

FOUNDATIONS (SOIL SUPPORTED):

- 1. FOUNDATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH A REPORT ENTITLED "REPORT 24-0493 S. EXPLORATIONS AND GEOTECHNICAL ENGINEERING SERVICES, PROPOSED BAXTER SCHOOL FOR THE DEAF IMPROVEMENTS, MACKWORTH ISLAND, FALMOUTH, MAINE" PREPARED BY SW COLE ENGINEERING, INC. DATED MAY 17, 2024.
2. FOUNDATIONS ARE DESIGNED FOR A NET ALLOWABLE SOIL BEARING PRESSURE OF 3,000 PSF.
3. IF ADEQUATE SOIL BEARING IS NOT ENCOUNTERED AT THE INDICATED BOTTOM OF FOOTING LOCATION, CONTRACTOR IS TO REPORT TO THE GEOTECHNICAL ENGINEER BEFORE PROCEEDING WITH FOOTING PLACEMENT.
4. ALL EXCAVATIONS FOR THE FOUNDATION SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER BEFORE PLACING ANY CONCRETE FOOTINGS. COORDINATE INSPECTION W/ CONSTRUCTION DOCUMENTS AND SPECIAL INSPECTION REQUIREMENTS.

CONCRETE:

- 1. STRENGTH OF CONCRETE AT 28 DAYS SHALL BE: A. EXTERIOR SLABS - 5000 PSI
2. ALL EXTERIOR FOOTINGS TO BE MIN. 4'-6" BELOW FINISH GRADE FOR FROST PROTECTION.
3. BOTTOM OF ALL FOOTINGS TO BE ON ADEQUATE SOIL BEARING.
4. SEE SPECIFICATIONS FOR SPECIAL REQUIREMENTS FOR ARCHITECTURAL EXPOSED CONCRETE, ANCHORING OF MASONRY TO CONCRETE WALLS AND COLUMNS, AND CHAMFER OF EXTERNAL CORNERS OF CONCRETE BEAMS, GIRDERS, COLUMNS, ETC. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS FOR SIZE AND LOCATION OF DOOR FRAMES, THRESHOLDS, ETC., AND CONCRETE PADS, PIERS, PIPE SLEEVES, ETC.
5. ALL REINFORCING STEEL TO BE ASTM-A615 GRADE 60, DETAILED AND FABRICATED IN ACCORDANCE WITH THE "ACI MANUAL OF STANDARD PRACTICE" (ACI-318-LATEST).
6. REINFORCEMENT TO HAVE MIN. CONCRETE COVER AS FOLLOWS: A. CONCRETE DEPOSITED AGAINST GROUND, INCLUDING FOOTINGS - 3" B. CONCRETE EXPOSED TO EARTH OR WEATHER INCLUDING WALLS, PIERS, WALLS, COLUMNS, AND EXTERIOR SLABS - 1 1/2" (#6 OR SMALLER AND 2" (#8 OR LARGER) C. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND: 1. SLABS, WALLS, AND JOISTS - 3/4" 2. BEAMS AND COLUMNS, TIES, STIRRUPS, REINFORCEMENT - 1 1/2"
7. ALL ITEMS THAT ARE TO BE EMBEDDED INTO CONCRETE SHALL BE SECURED IN PLACE PRIOR TO THE CONCRETE PLACEMENT. UTILIZE ADDITIONAL REINFORCEMENT, TEMPLATES, OR OTHER APPROVED METHODS TO SECURELY PLACE ALL EMBEDMENTS AT PROPER LOCATIONS. "WET-SETTING" OF ANY EMBEDMENTS INTO PLASTIC CONCRETE IS NOT ALLOWED. EMBEDMENTS INCLUDE, BUT ARE NOT LIMITED TO, ANCHOR RODS, REBAR REINFORCEMENTS, DOWELS, ANGLES, PLATES, ANCHOR INSERTS, SLEEVES, AND SHELF BULKHEADS.
8. INSTALLATION AND SECURE PLACEMENT OF CONCRETE REINFORCEMENT SHALL BE INSPECTED BY AN INDEPENDENT TESTING AGENCY IN ACCORDANCE WITH THE REQUIREMENTS OF THIS PROJECT. CONCRETE REINFORCEMENT SHALL BE PLACED AND SECURED WITHIN FORMS A MINIMUM OF 24 HOURS PRIOR TO THE SCHEDULED CONCRETE PLACEMENT TO CONDUCT THE INSPECTION.

ABBREVIATIONS:

Table with 2 columns: Abbreviation and Full Name. Includes entries like ABV ABOVE, ACI AMERICAN CONCRETE INSTITUTE, ACT ACUSTICAL CEILING TILE, ADXL ADDITIONAL, AESS ARCHITECTURAL EXPOSED STRUCT STEEL, AFF ABOVE FINISH FLOOR, ALT ALTERNATIVE, ALUM ALUMINUM, APA AMERICAN PLYWOOD ASSOCIATION, APPROX APPROXIMATE, AR ANCHOR ROD, ARCH ARCHITECT OR ARCHITECTURAL, BAL BALANCE, BCX BOTTOM CHORD EXTENSION, BF BRACED FRAME, BLDG BUILDING, BLKG BLOCKING, BM BEAM, BIT BITUMINOUS, BO BOTTOM OF BY OTHERS, BOT BOTTOM, BP BEAM POCKET, B-PL BASE PLATE, BRG BEARING, BS BOTH SIDES, BSMT BASEMENT, BTWN BETWEEN, C/C OR c/c CENTER TO CENTER, C CHANNEL, CFMP COLD FORM METAL FRAMING, CIP CAST IN PLACE, CJ CONTRACTION/CONST. JOINT, CL OR CL CENTER LINE, CLG CEILING, CLM CLEAR, CMU CONCRETE MASONARY UNITS, COL COLUMN, CONC CONCRETE, CONN CONNECTION, CONST CONSTRUCTION, CONT CONTINUOUS, CONTR CONTRACTOR, COORD COORDINATE, CTR(D) CENTERED, d PENNY, DBL DOUBLE, DIA OR Ø DIAMETER, DIAG DIAGONAL, DIM DIMENSION, DL DEAD LOAD, DN DOWN, DITTO DITTO, DP DRILLED PIER OR DEEP, DTLS(D) DETAIL(S), DWG(S) DRAWING(S), DWLS(S) DOWN(S), (E) OR EXIST EXISTING, EA EACH, EE EACH END, EF EACH FACE, EJ EXPANSION JOINT, EL ELEVATION, ELEV ELEVATOR, ELEC ELECTRICAL, EMBED EMBEDMENT, ENGR ENGINEER, EOD EDGE OF DECK, EOR ENGINEER OF RECORD, EOS EDGE OF SLAB, EQ EQUAL, EQ SP EQUALLY SPACED, EQUIP EQUIPMENT, ES EACH SIDE, EW EACH WAY, EWB EACH WAY BOTTOM, EXISTEX EXISTING, EXP ANCHOR EXP ANCHOR, EXT EXTERIOR, FB FLAT BAR, FD FLOOR DRAIN, FIN FOUNDATION, FIN FL FINISHED FLOOR, FIN FL FINISH FLOOR FAR FACE, FLG FLANGE, FLR FLOOR, FTE FINISH FLOOR ELEVATION, FOB FACE OF BRICK, FO FACE OF FRAMING, FS FAR SIDE, FT FOOT OR FEET, FTG FOOTING, GA GAGE/GAUGE, GALV GALVANIZED, GLU LAM GLU LAM, GB GRADE BEAM, GC GENERAL CONTRACTOR, GR GRADE OR GRIND, GYPSUM WALLBOARD, HD HOLDOWN, HD GALV HOT DIPPED GALVANIZED, HK HOOK, HORIZ HORIZONTAL, HT HEIGHT, HVAC HEATING VENTILATION AND COOLING, HSS HOLLOW STRUCTURAL SECTION, I.F. INSIDE FACE, IN INCH, INSUL INSULATION, INT INTERIOR, JST JOIST, JT JOINT

Table with 2 columns: Abbreviation and Full Name. Includes entries like L ANGLE, LG LENGTH, LBS(L) POUNDS, LVE LOAD, LWB LONG LEGS BACK TO BACK, LLH LONG LEG HORIZ, LLV LONG LEG VERT, LCC(S) LOCATIONS OR LOCATE, LONG LONG, LSL LAMINATED STRAND LUMBER, LT LIGHT, LTHW LIGHTWEIGHT, LVL LEVEL OR LAMINATE VENEER LUMBER, LWB LONG WAY BOTTOM, LWT LONG WAY TOP, MACH MACHINE, MACH RM MACHINE ROOM, MAS MASONRY, MATL MATERIAL, MAX MAXIMUM, MECH MECHANICAL, MEP MECHANICAL/ELECTRICAL/PLUMBING, MANUF MANUFACTURER, MIN MINIMUM, MISS MISCELLANEOUS, MO MASONARY OPENING, MTL METAL, N NORTH, NIC NOT IN CONTRACT, NO, OR # NUMBER, NOM NOMINAL, NTS NOT TO SCALE, O.C. ON CENTER, OD OUTSIDE DIAMETER, OF OUTSIDE FACE, OH OPPOSITE HAND / OVERHEAD, OPNG OPENING, OPP OPPOSITE, PAF POWDER ACTUATED FASTENER, PLE CAP PILE CAP, PORTLAND CONCRETE ASSOCIATION, PEN PENETRATION, PERP PERPENDICULAR, PL PLATE, PLCS PLACES, PLF POUNDS PER LINEAR FOOT, PSF POUNDS PER SQUARE FOOT, PSI POUNDS PER SQUARE INCH, PREFAB PREFABRICATION, PRELIM PRELIMINARY, PT PRESSURE TREATED, PVC POLYVINYL CHLORIDE, QTY QUANTITY, R RADIUS, REF REFERENCE, RD ROOF DRAIN, REIN REINFORCEMENT(D)MENT, REQD REQUIRED, REQMS REQUIREMENTS, REQMS REQUIRED, REQMS REQUIREMENT(S), RO ROUGH OPENING, RTU ROOF TOP UNIT, S SOUTH, SC SLIP CRITICAL, SCHED SCHEDULE, SECT SECTION, SF SQUARE FOOT, SHT SHEET, SIM SIMILAR, SLH SHORT LEG HORIZONTAL, SLV SHORT LEG VERTICAL, SOG SLAB ON GROUND, SP @ SPACE AT, SP SPACES, SPECS SPECIFICATIONS, SK SHEAR KEY, SL SHEAR LUG, SS STAINLESS STEEL, STD STANDARD, SSLT SHORT SLOT, STL STEEL, STRUCT STRUCTURAL, STIFF STIFFENER, SW SHEARWALL, SWB SHORT WAY BOTTOM, SWT SHORT WAY TOP, SYM SYMMETRICAL, T TOP, T&B TOP AND BOTTOM, T&X TOP CHORD EXTENSION, THK THICK, TL TOTAL LOAD, TJ THE JOIST, T.O. OR T/ TOP OFFTOP OF STL ETC., TRANS TRANSVERSE, TYP TYPICAL, UNO UNLESS NOTED OTHERWISE, US UNDERSIDE, VERT VERTICAL, W/F WERY IN FIELD, W/ WITH, W/O WITHOUT, WD WIDTH OR WOOD



CONSTRUCTION DOCUMENTS

JULY 30, 2024

Table with 2 columns: Revision Date and Revision Description.

Drawn by: ARW

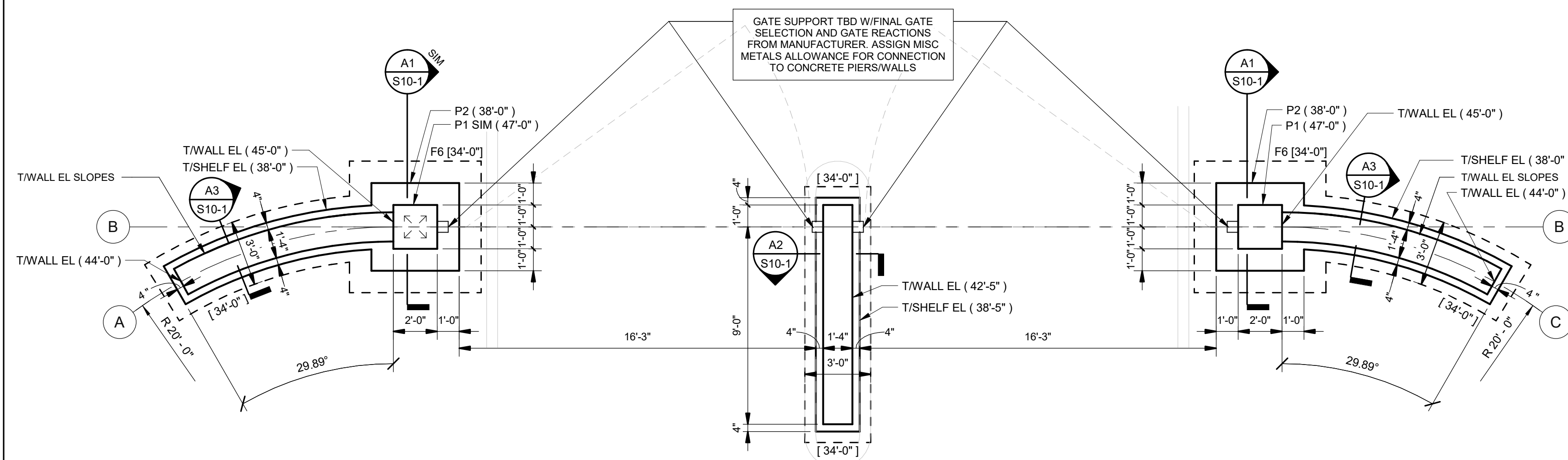
GENERAL NOTES

FOUNDATION PLAN NOTES:

1. (X-X) INDICATES TOP OF CONCRETE ELEVATION (SEE PLAN)
2. (X-X') INDICATES TOP OF FOOTING ELEVATION (SEE PLAN)
3. FX INDICATES REINFORCED CONCRETE SPREAD FOOTING (SEE SCHEDULE)
4. PX INDICATES REINFORCED CONCRETE PIER (SEE TYP DETAILS)
5. SECTIONS AND DETAILS SHOWN ON STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS NOT SPECIFICALLY REFERENCED.
6. +/- DIMENSIONS SHALL BE CONSIDERED APPROXIMATE AND SHALL BE VERIFIED BY G.C. BEFORE PROCEEDING WITH WORK.

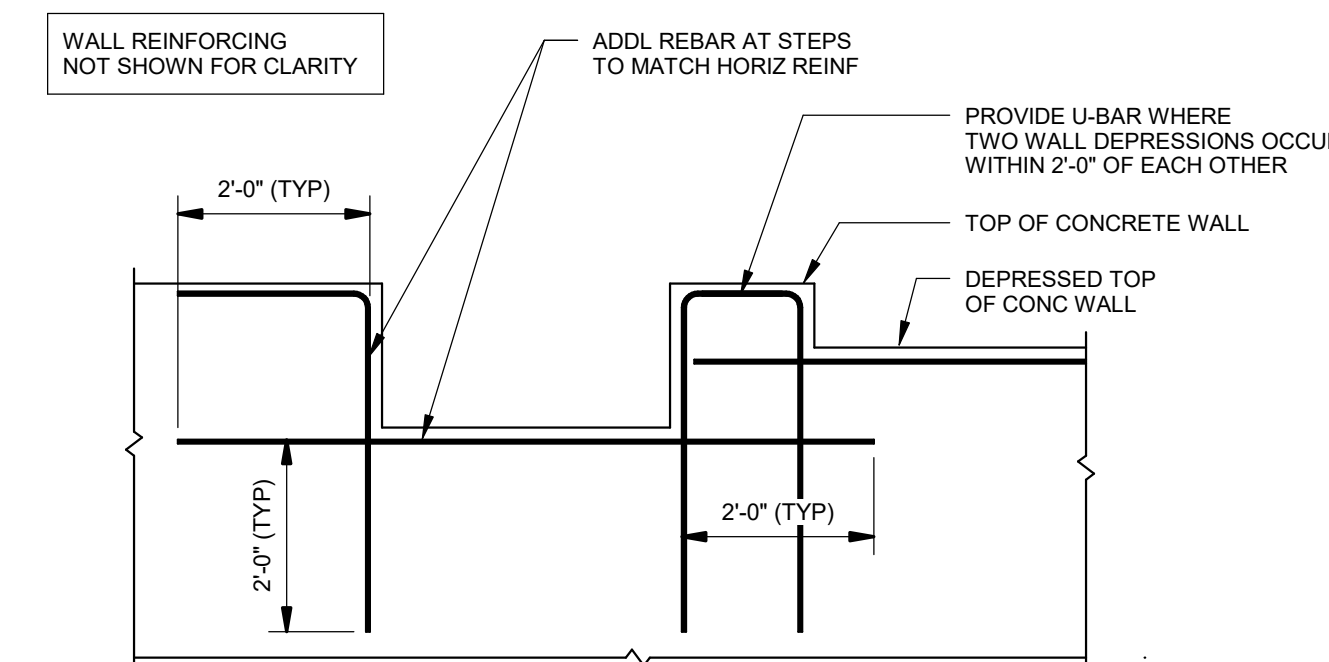
FOOTING SCHEDULE

FOOTING MARK	LENGTH	WIDTH	THICKNESS	REINFORCING (BOTTOM)
F6	6'-0"	6'-0"	1'-0"	(8) #4 (EACH WAY)



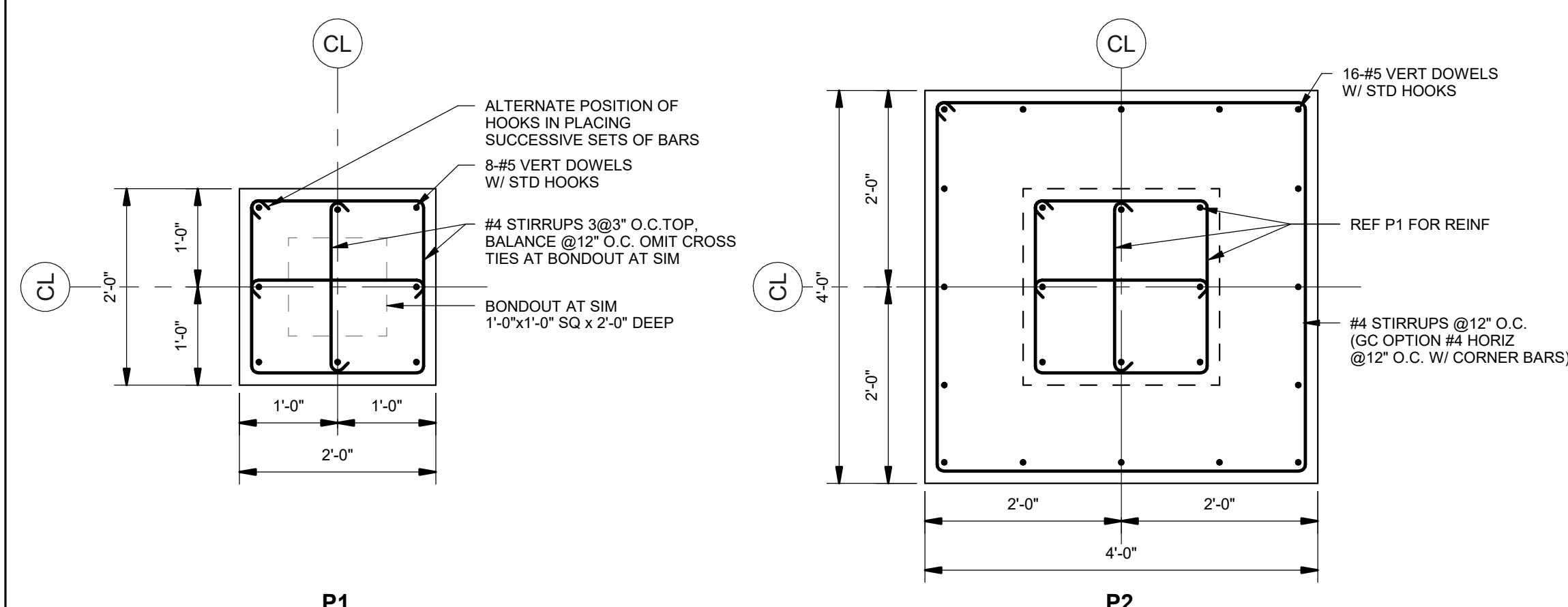
D1 FOUNDATION PLAN

SCALE: 1/4" = 1'-0"



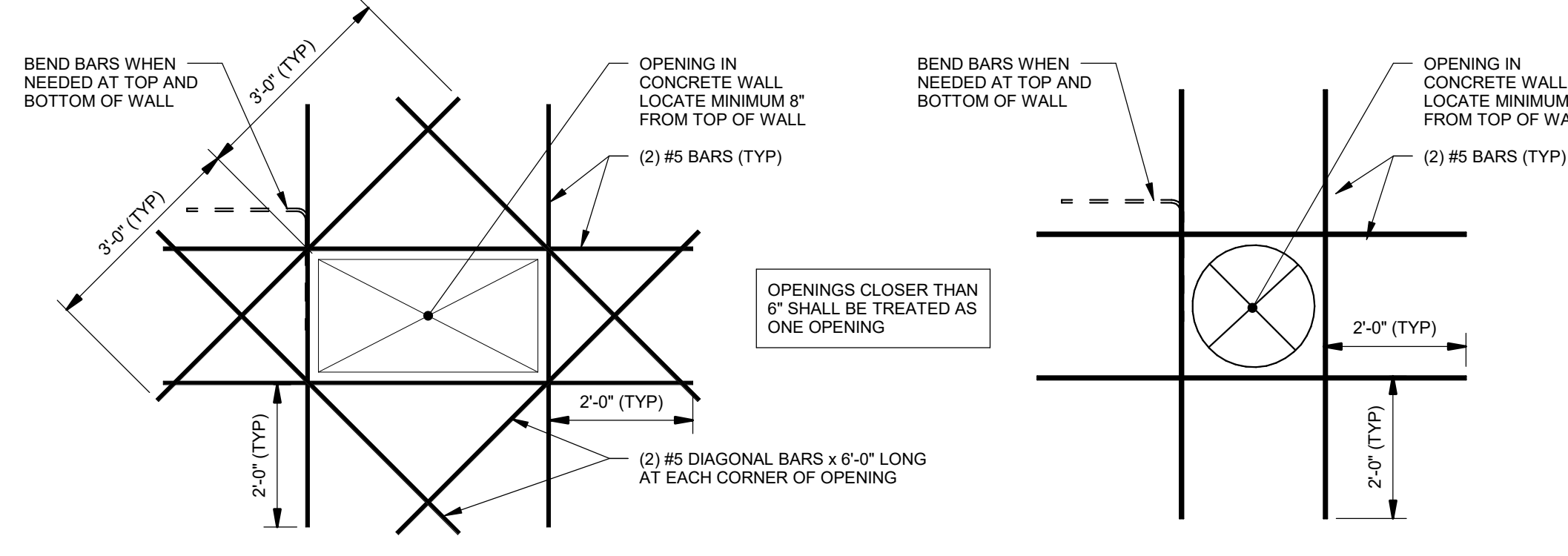
D4 TYP REINFORCING AT STEPS IN CONCRETE WALLS

SCALE: 1/2" = 1'-0"



REBAR SPLICE SCHEDULE

REBAR SIZE	F _c (PSI)	
	3000/3500	5000
#3	28"	22"
#4	37"	29"
#5	47"	36"
#6	56"	43"
#7	61"	63"
#8	93"	72"



C4 TYP REINFORCING AT OPENINGS IN CONCRETE WALLS OR SLABS

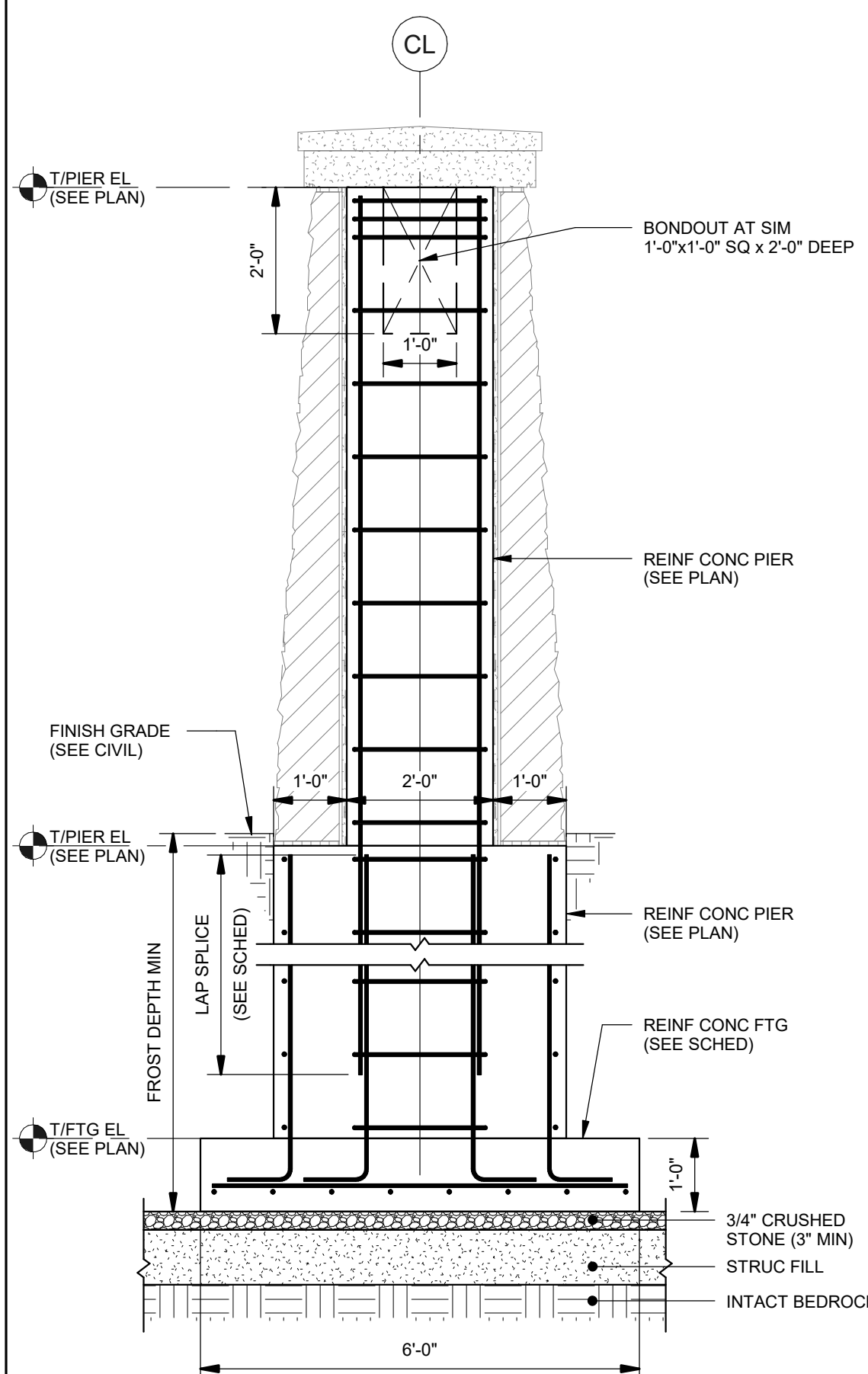
SCALE: 1/2" = 1'-0"

C3 TYP PIER REINFORCING DETAILS

SCALE: 3/4" = 1'-0"

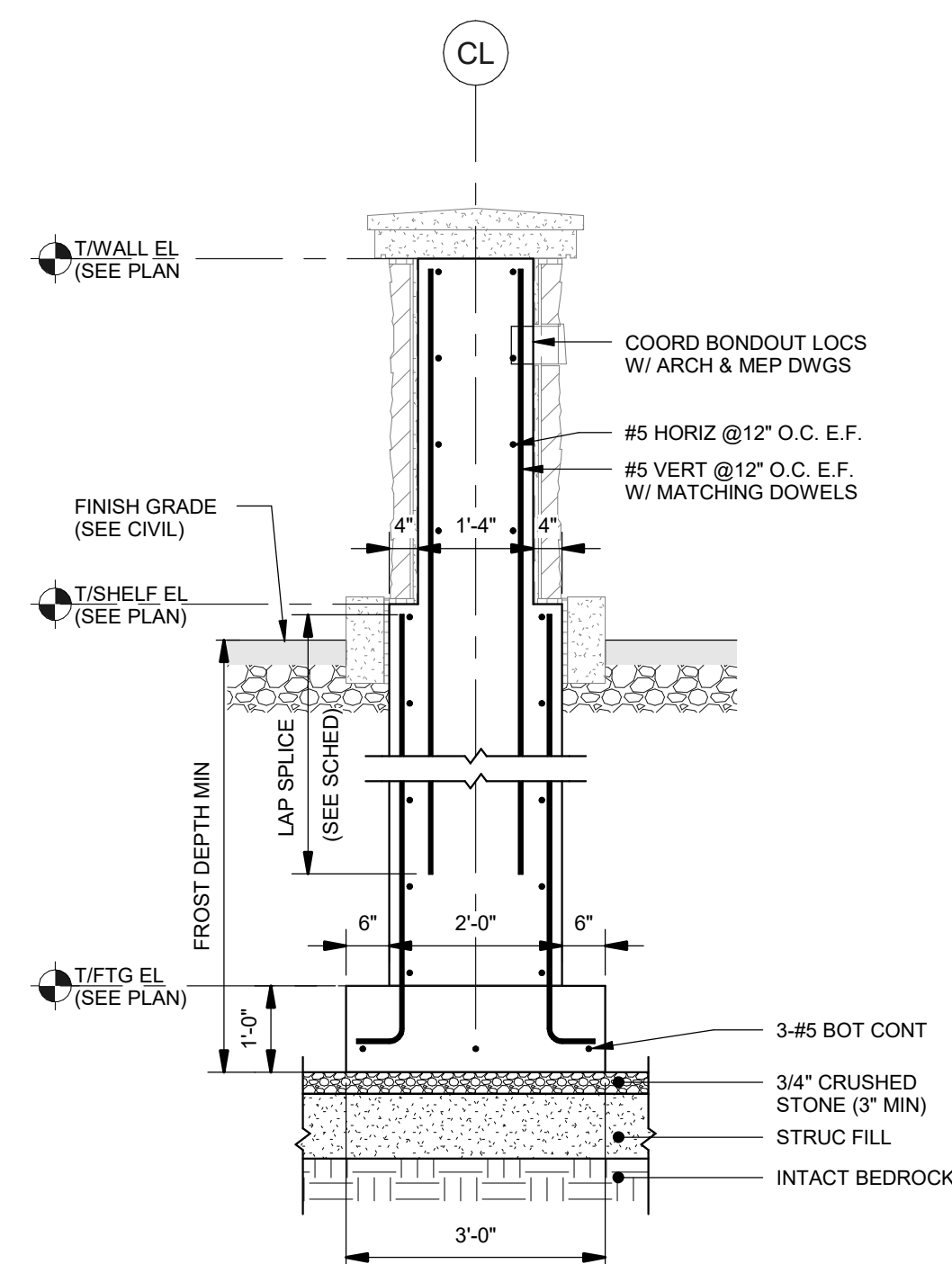
C2 TYP REBAR SPLICE SCHEDULE

NO SCALE



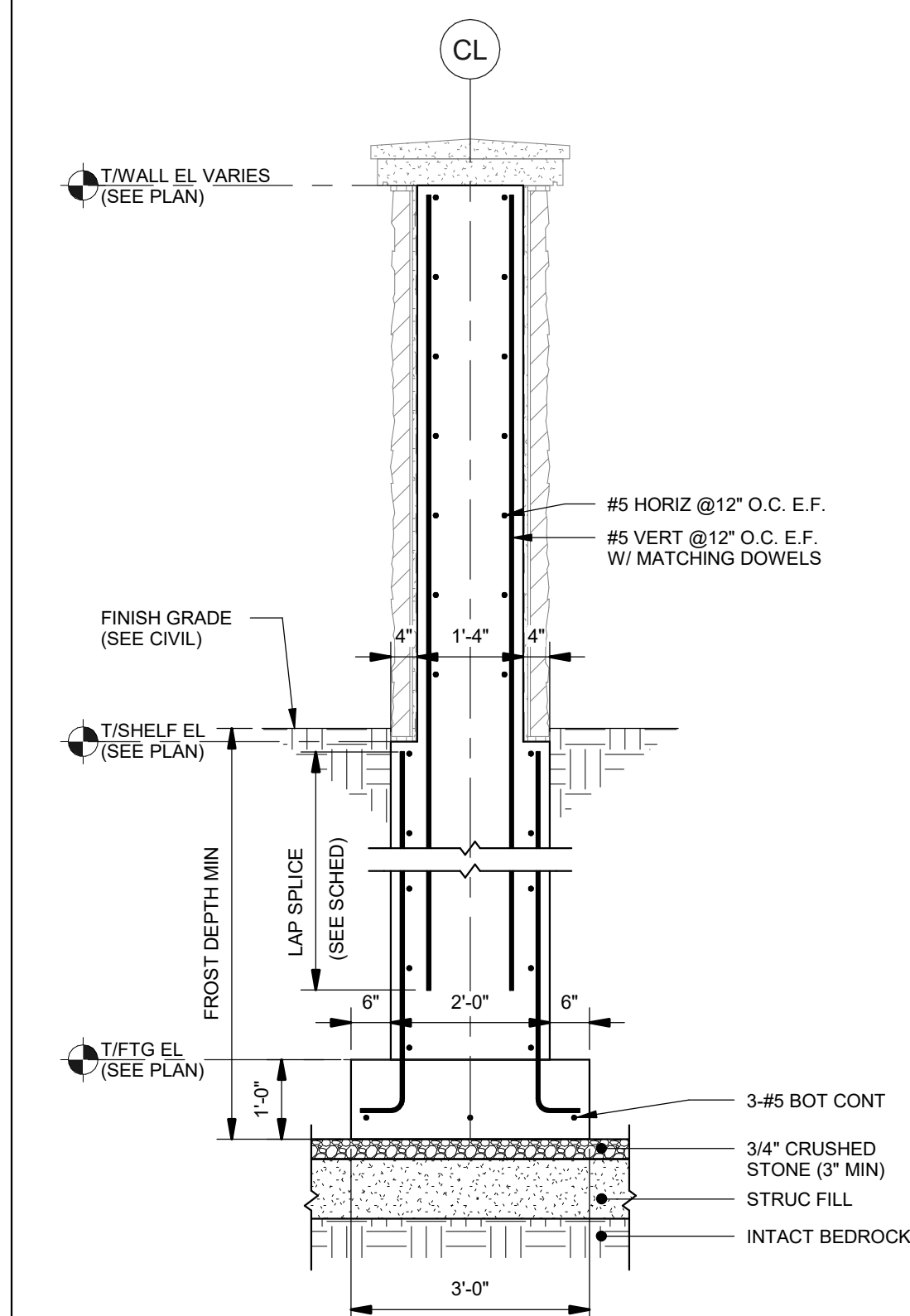
A1 SECTION

SCALE: 1/2" = 1'-0"



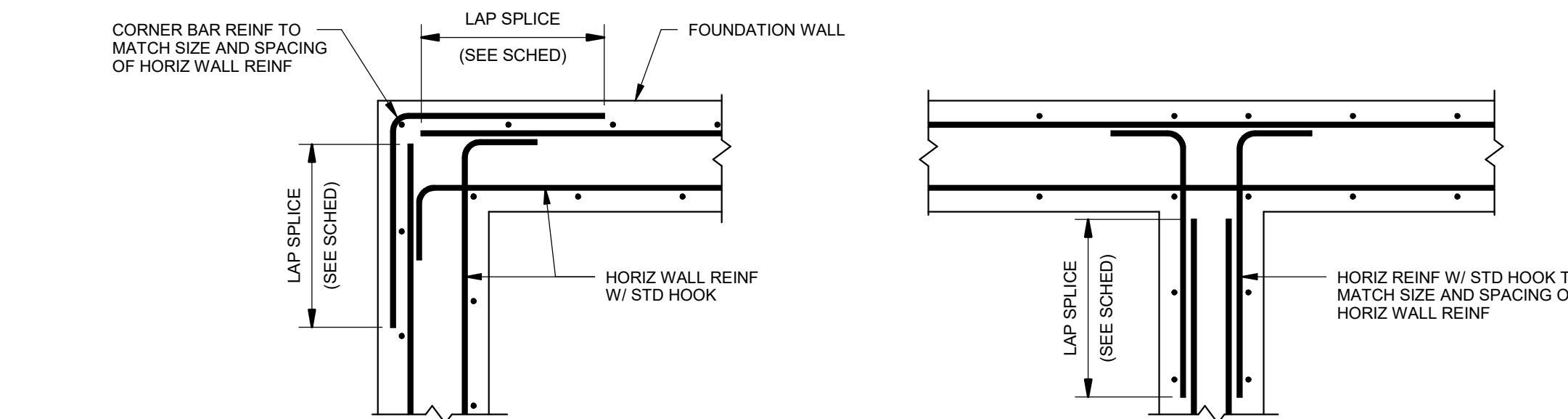
A2 SECTION

SCALE: 1/2" = 1'-0"



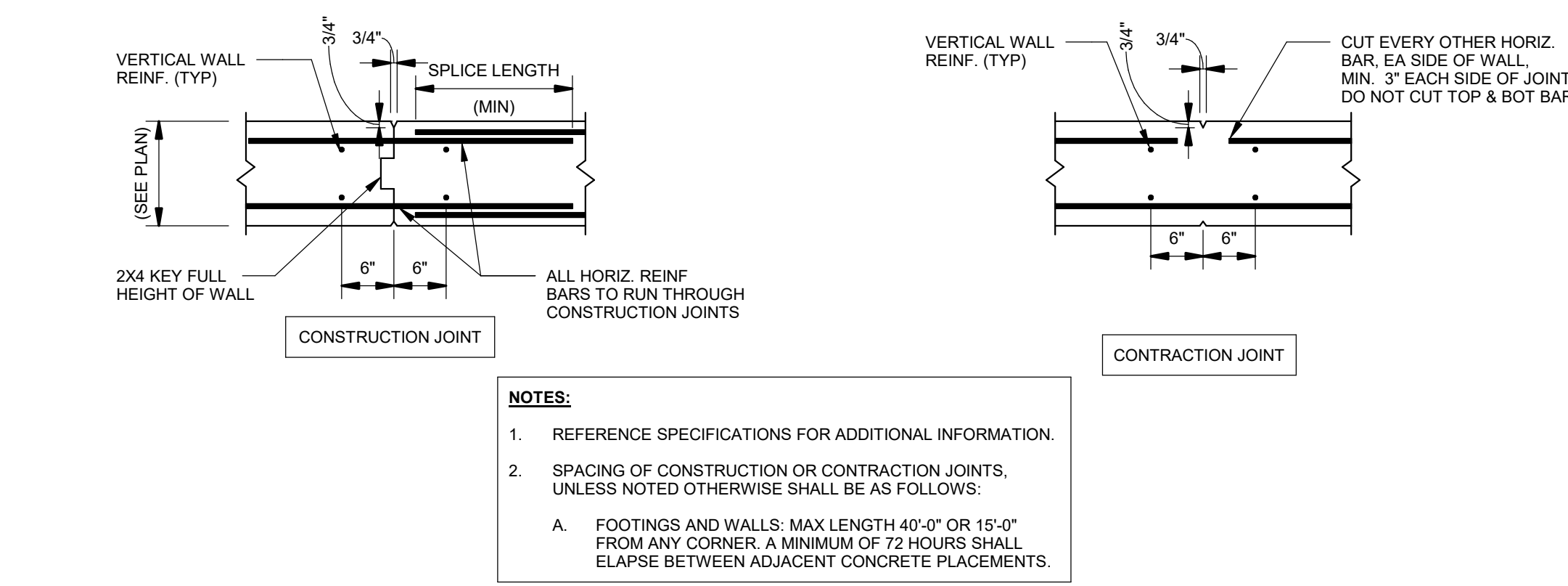
A3 SECTION

SCALE: 1/2" = 1'-0"



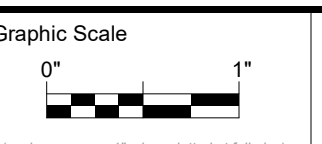
B4 TYP WALL REINF DETAILS AT CORNERS & INTERSECTIONS

SCALE: 3/4" = 1'-0"



A4 TYP WALL CONTRACTION/CONSTRUCTION JOINT DETAIL

SCALE: 3/4" = 1'-0"



CONSTRUCTION DOCUMENTS

July 30, 2024

Revision Date	Revision Description

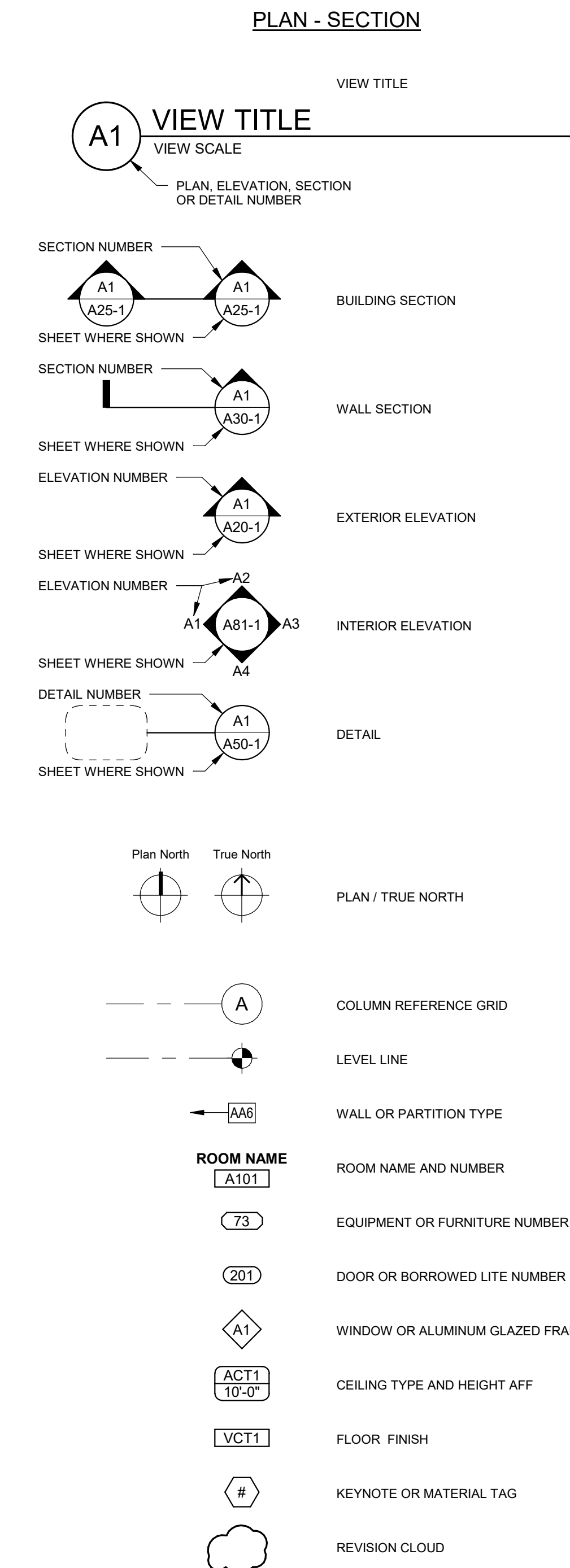
Drawn by: ARW

FOUNDATION PLAN, SECTIONS & TYPICAL DETAILS

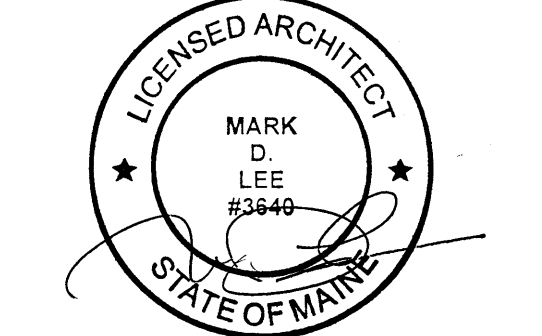
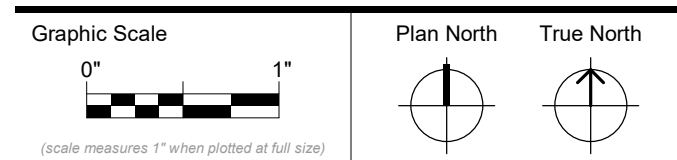
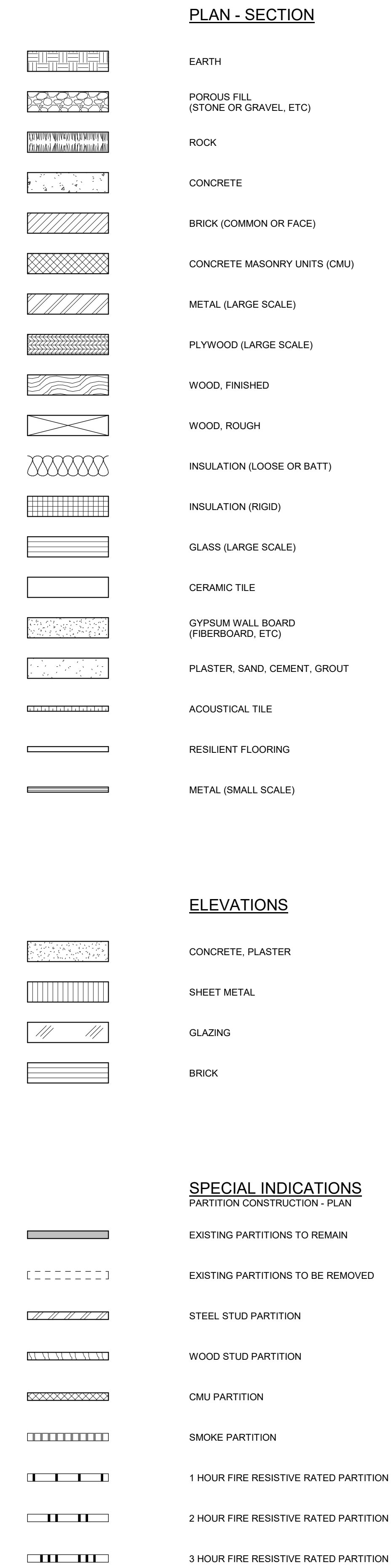
CONTRACT DRAWING ABBREVIATIONS

ABBRV	TERM	ABBRV	TERM	ABBRV	TERM
A/C	AIR CONDITIONING	HB	HOSE BIB	T	TREAD
AB	ANCHOR BOLT	HD	HUB DRAIN	T&G	TONGUE & GROOVE
AC	ACOUSTICAL	HM	HOLLOW METAL	TD	TRENCH DRAIN
ACT	ACOUSTICAL TILE	HORIZ	HORIZONTAL	TEL	TELEPHONE
AD	ACCESS DOOR	HP	HIGH POINT	THK	THICK (NESS)
ADJ	ADJUSTABLE	HSS	HOLLOW STRUCTURAL SECTION	TKBD	TACKBOARD
AFF	ABOVE FINISH FLOOR	HT	HEIGHT	TOC	TOP OF CONCRETE
AFG	ABOVE FINISH GRADE	HTG	HEATING	TOF	TOP OF FOOTING
AL	ALUMINUM	HVAC	HEATING - VENTILATING - AIR CONDITIONING	TOS	TOP OF STEEL
ALT	ALTERNATE	HYD	HYDRANT	TPTN	TOILET PARTITION
AP	ACCESS PANEL	ID	INSIDE DIAMETER	TV	TELEVISION
APX	APPROXIMATE	INS	INSULATE (D) (ION)	TYP	TYPICAL
ARCH	ARCHITECT (URAL)	INT	INTERIOR	UJH	UNIT HEATER
AVB	AIR VAPOR BARRIER	INV	INVERT	UNO	UNLESS NOTED OTHERWISE
BD	BOARD	JC	JANITOR'S CLOSET	UR	URINAL
BIT	BITUMINOUS	JT	JOINT	UV	UNIT VENTILATOR
BJ	BAR JOIST	KIT	KITCHEN	V	VENT
BLDG	BUILDING	LAB	LABORATORY	VB	VINYL BASE
BLKG	BLOCKING	LAM	LAMINATE (D)	VCT	VINYL COMPOSITION TILE
BM	BENCH MARK	LAV (L)	LAVATORY	VERT	VERTICAL
BOB	BOTTOM OF DECK	LB (S)	POUNDS	VFR	VINYL FABRIC
BOT	BOTTOM	LD	LINEAR DIFFUSER	VTR	VENT THRU ROOF
BP	BASE PLATE	LF	LINEAL FEET	W	WEST, WIDTH, WIDE
BSMT	BASEMENT	LG	LONG	W/	WITH
BTU	BRITISH THERMAL UNIT	LGMF	LIGHT GAUGE METAL FRAME	W/O	WITHOUT
CAB	CABINET	LTG	LIGHTING	WC	WATER CLOSET
CB	CATCHBASIN	LTL	LINTEL	WCH	WATER CLOSET HANDICAP
CD	CEILING DIFFUSER	LW	LIMIT OF WORK	WOO	WOOD
CEM	CEMENT (TIOUS)	M	METER (S)	WD	WOOD
CER	CERAMIC	MAS	MASONRY	WG	WALL GRILLE
CF	CUBIC FEET	MAT	MATERIAL	WH	WALL HUNG
CG	CORNER GRILLE	MAX	MAXIMUM	WIN	WINDOW
CHBD	CHALKBOARD	MECH	MECHANICAL	WP	WORKING POINT
CHT	CEILING HEIGHT	MED	MEDIUM	WWF	WELED WIRE FABRIC
CI	CONTINUOUS INSULATION	MET	METAL		
CJT	CONTROL JOINT	MFR	MANUFACTURE (R)		
CL	CLOSE	MH	MANHOLE		
CLG	CEILING	MIN	MINIMUM		
CMPST	COMPOSITE	MISC	MISCELLANEOUS		
CMU	CONCRETE MASONRY UNIT	MO	MASONRY OPENING		
CO	CLEANOUT	MR	MOP RECEPTOR		
COL	COLUMN	MT	METAL THRESHOLD		
CONC	CONCRETE	MTD	MOUNTED		
CONN	CONNECT	N	NORTH		
CONST	CONSTRUCTION	NA	NOT APPLICABLE		
CONT	CONTINUE (OUS)	NIC	NOT IN CONTRACT		
CONTR	CONTRACT (OR)	No	NUMBER		
CORR	CORRUGATED	NTS	NOT TO SCALE		
CPT	CARPET (ED)	OC	ON CENTER (S)		
CT	CERAMIC TILE	OD	OUTSIDE DIAMETER		
CUH	CABINET UNIT HEATER	OFF	OFFICE		
CV	CONVECTOR	OH	OVERHEAD		
CW	COLD WATER	OPG	OPENING		
CY	CUBIC YARD	OPH	OPPOSITE HAND		
DF	DRINKING FOUNTAIN	OPP	OPPOSITE		
DG	DOOR GRILLE	P	PLATE		
DH	DOUBLE HUNG	PAR	PARALLEL		
DIA	DIAMETER	PERP	PERPENDICULAR		
DIAG	DIAGONAL	PFN	PREFINISHED		
DIM	DIMENSION	PL	PROPERTY LINE		
DIV	DIVISION	PLAM	PLASTIC LAMINATE		
DN	DOWN	PLUMB	PLUMBING		
DTL	DETAIL	PNL	PANEL		
DWG	DRAWING	PNT	PAINT (ED)		
E	EAST	PT	PRESSURE TREATED		
EB	EXPANSION BOLT	PTN	PARTITION		
EB	EXPANSION BOLT	PVC	POLYVINYL CHLORIDE		
EF	EXHAUST FAN	PWD	PLYWOOD		
EIFS	EXTERIOR INSULATED FINISH SYSTEM	QT	QUARRY TILE		
EJ	EXPANSION JOINT	R	RISER		
EL	ELEVATION (S)	RAD	RADIUS		
ELEC	ELECTRIC (AL)	RB	RUBBER BASE		
EP	ELECTRIC PANEL	RD	ROOF DRAIN		
EQ	EQUAL	REF	REFERENCE		
ER	EXHAUST REGISTER	REFR	REFRIGERATOR		
ES	EACH SIDE	REQ	REQUIRE (D)		
EST	ESTIMATE	REV	REVISION (S)		
EWC	ELECTRIC WATER COOLER	RL	ROOF LEADER		
EXG	EXISTING	RM	ROOM		
EXP	EXPANSION	RO	ROUGH OPENING		
EXT	EXTERIOR	ROW	RIGHT OF WAY		
FA	FIRE ALARM	S	SOUTH		
FAI	FRESH AIR INTAKE	SAB	SOUND ATTENUATING BATTS		
FC	FLEXIBLE CONNECTION	SD	STORM DRAIN		
FCO	FLOOR CLEANOUT	SDMH	STORM DRAIN MANHOLE		
FD	FLOOR DRAIN	SEC	SECTION		
FDTN	FOUNDATION	SHT	SHEET		
FE	FIRE EXTINGUISHER	SIM	SIMILAR		
FEC	FIRE EXTINGUISHER CABINET	SK	SINK		
FIN	FINISH (ED)	SMU	SOLID MASONRY UNIT		
FLG	FLASHING	SPEC	SPECIFICATION (S)		
FLR	FLOOR (ING)	SQ	SQUARE		
FO	FACE OF	SS	STAINLESS STEEL		
FOC	FACE OF CONCRETE	SSK	SERVICE SINK		
FOS	FACE OF STUD	STD	STANDARD		
FRP	FIBERGLASS REINFORCED PANEL	STL	STEEL		
FTG	FOOTING	STOR	STORAGE		
GA	GAGE, GAUGE	STRUC	STRUCTURAL		
GALV	GALVANIZED	SYM	SYMMETRY (ICAL)		
GB	GRAB BAR	SYS	SYSTEM		
GC	GENERATOR CONTRACT (OR)				
GL	GLASS				
GWB	GYPSPUM WALL BOARD				

GRAPHIC SYMBOLS



MATERIAL INDICATIONS



CONSTRUCTION DOCUMENTS

JULY 30, 2024

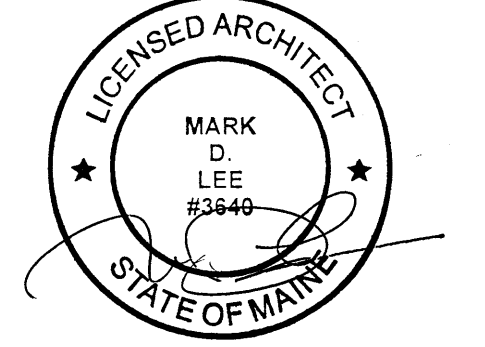
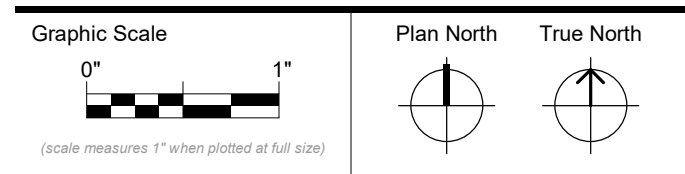
Revision Date Revision Description

Drawn by: KLS

ABBREVIATIONS AND LEGENDS

PHASE 1 - GENERAL SCOPE NOTES

1. SEE CIVIL DRAWINGS FOR FULL SITE DEMOLITION, FILL AND REGRADING DETAILS.
2. SEE ELECTRICAL AND PLUMBING DRAWINGS FOR UTILITY DEMOLITION AND REROUTING SCOPE.
3. SEE STRUCTURAL DRAWINGS FOR NEW GATEWAY FOUNDATION DETAILS. SCHOOL WILL REMAIN ACTIVE DURING CONSTRUCTION. CONTRACTOR TO PROVIDE OWNER WITH WEEKLY UPDATES AND ANTICIPATED DISRUPTION SCHEDULES. COORDINATE WITH OWNER TO ENSURE SAFE WORK AREAS AND TRAVEL PATHS.
- 4.



CONSTRUCTION DOCUMENTS

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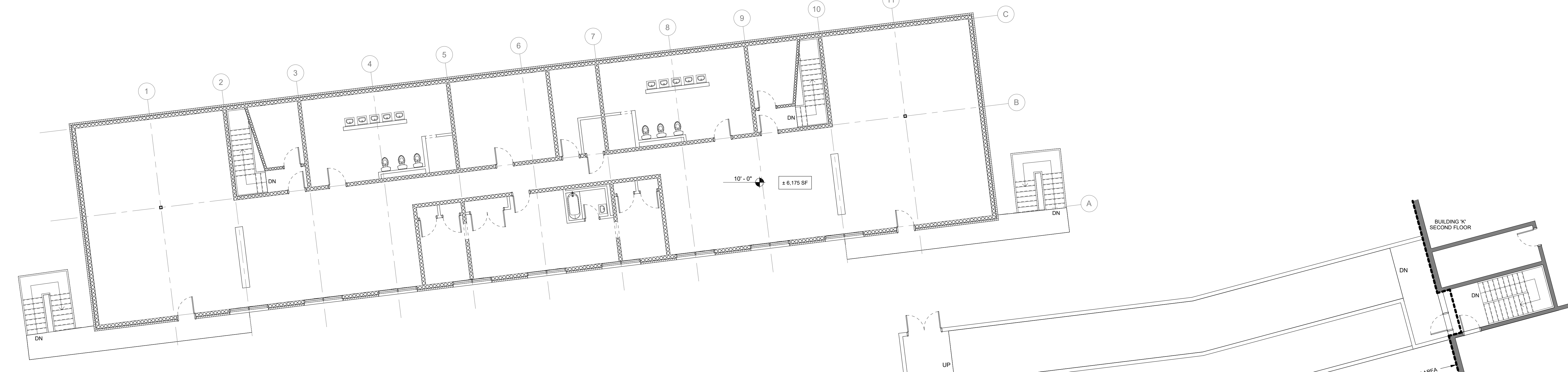
INDEX PLAN

A01-1

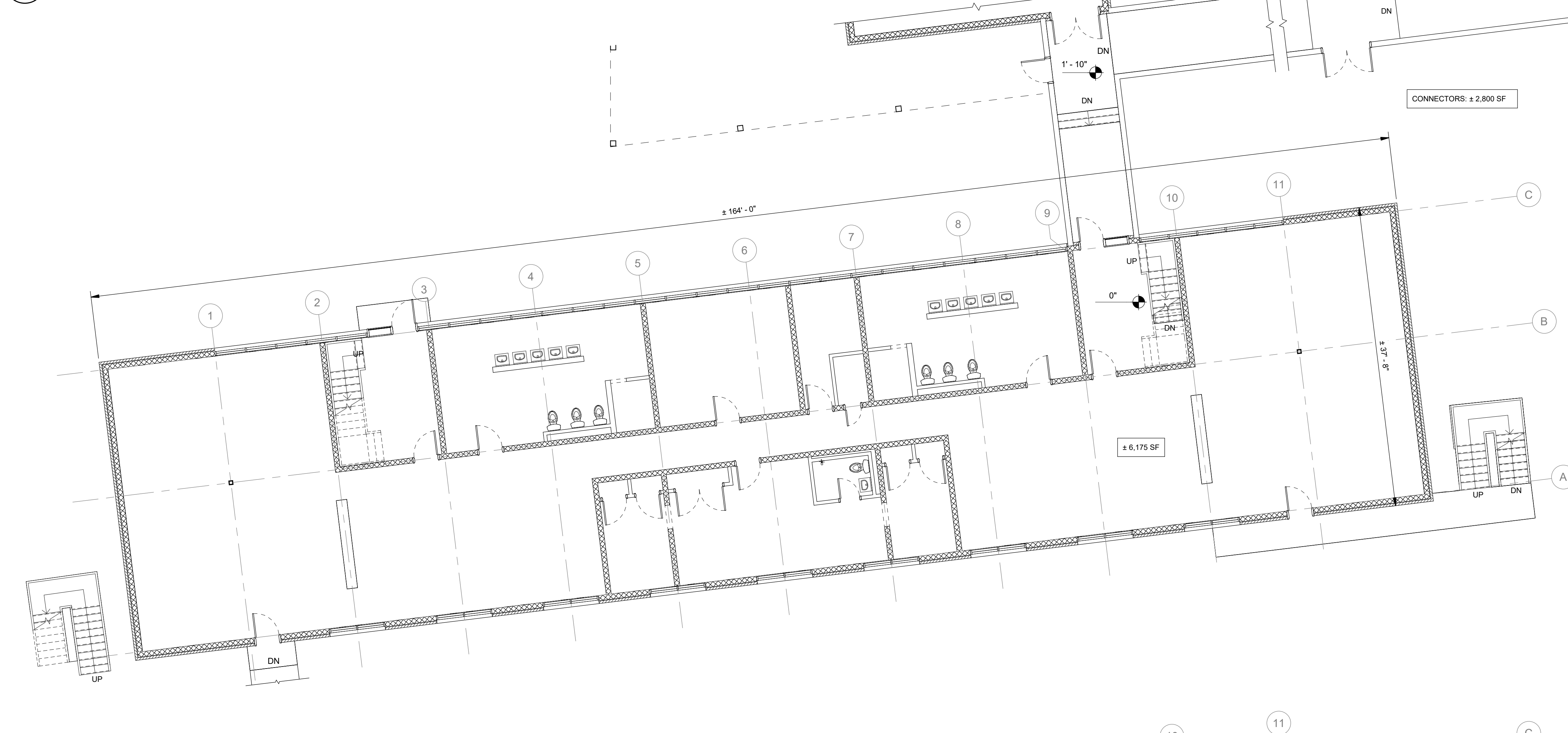
GENERAL DEMOLITION NOTES

- ALL WORK TO BE DONE IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS, CODES AND STANDARDS, AND MEET THE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.
- BUILDINGS 'B', 'G', AND 'K' AND THE CONNECTORS TO BE DEMOLISHED IN THEIR ENTIRETY. REMOVALS TO INCLUDE ALL FOUNDATIONS, FOOTINGS AND ASSOCIATED CONSTRUCTED SUB GRADE ELEMENTS.
- SEE SPECIFICATIONS BACKFILLING SCOPE REQUIREMENTS.
- DRAWINGS ARE ILLUSTRATIVE OF APPROXIMATE EXISTING CONDITIONS. CONDITIONS HAVE NOT BEEN FIELD VERIFIED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL CONDITIONS. REMEDIATION OF HAZARDOUS MATERIALS TO BE COMPLETED PRIOR TO DEMOLITION EXCEPT AS NOTED BELOW.
 - ROOFING: SEE HAZARDOUS MATERIALS REPORT
 - ANY HAZARDOUS MATERIALS DISCOVERED DURING DEMOLITION PROCESS SHOULD FOLLOW APPROVED ABATEMENT PROCEDURES AND APPLICABLE LAWS.
- ALL BUILDING PLUMBING UTILITIES TO BE DISCONNECTED AND CAPPED AT THE SHUT OFF VALVES PRIOR TO START OF DEMOLITION.
- TEMPORARY SINGLE POINT POWER AND WATER CONNECTIONS PROVIDED BY OWNER. SEE CONNECTIONS PROVIDED BY OWNER. SEE LOCATION NOTED ON INDEX PLAN. CONTRACTOR RESPONSIBLE FOR CODE COMPLIANT DISTRIBUTION BEYOND SINGLE POINT PROVIDED.
- BUILDING UTILITIES LOCATED WITHIN THE PROJECT SCOPE AREA THAT SERVE OTHER BUILDINGS TO BE MAINTAINED. ANY DISRUPTION CAUSED BY THE SCOPE OF WORK IS TO BE COORDINATED WITH OWNER AND UTILITY PROVIDER PRIOR TO ASSOCIATED WORK.
- ANY ASSOCIATED UTILITIES SERVING BUILDINGS 'B' AND 'G' FROM DISTRIBUTION THAT ALSO CONNECTS TO OTHER BUILDING IS TO BE DISCONNECTED WITH NO DISRUPTION OF SERVICE TO OTHER BUILDINGS. DISCONNECT WORK TO BE COORDINATED WITH OWNER AND UTILITY PROVIDER PRIOR TO ASSOCIATED WORK.

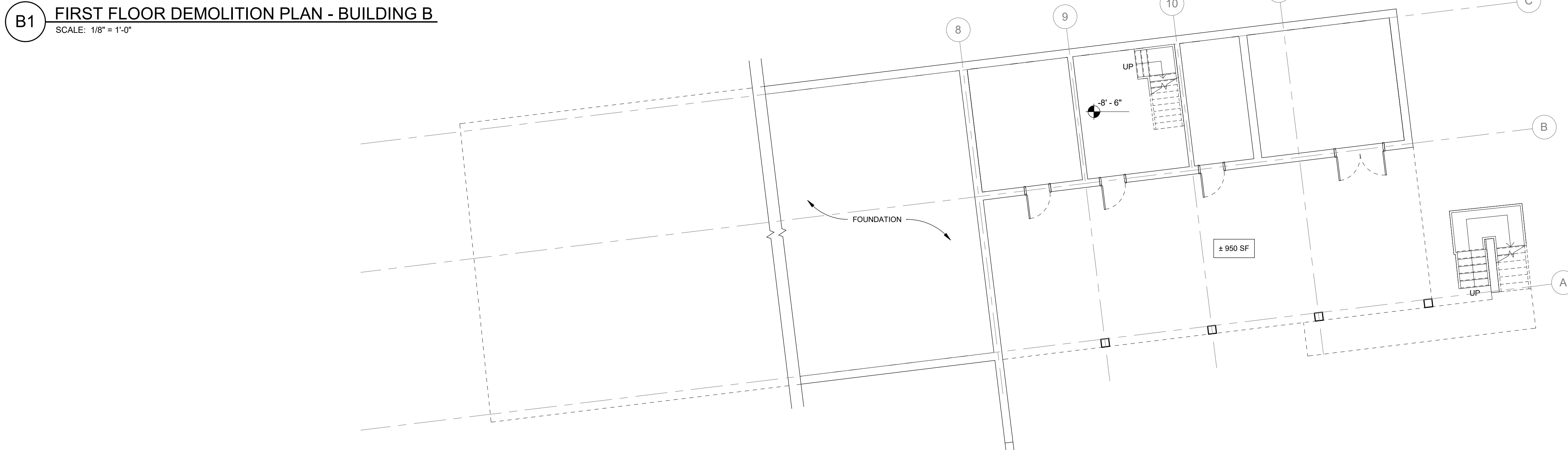
C1 SECOND FLOOR DEMOLITION PLAN - BUILDING B
SCALE: 1/8" = 1'-0"



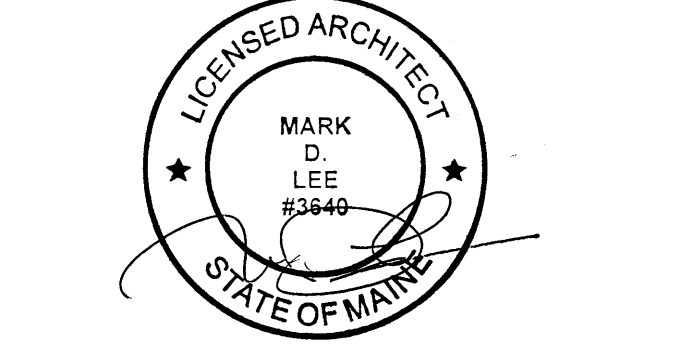
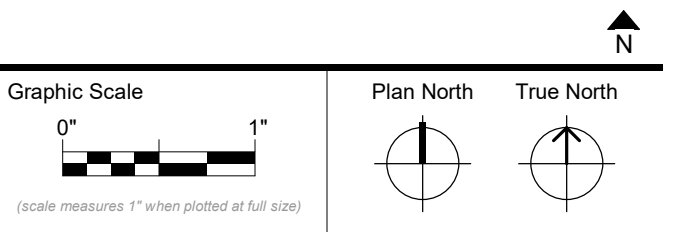
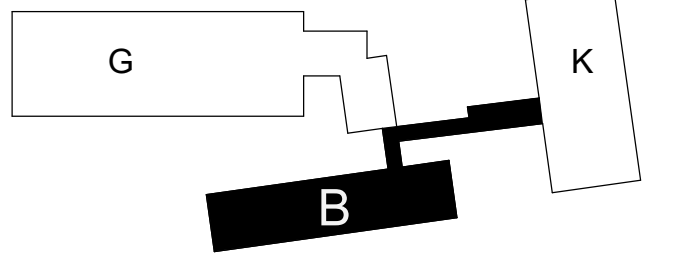
B1 FIRST FLOOR DEMOLITION PLAN - BUILDING B
SCALE: 1/8" = 1'-0"



A1 BASEMENT DEMOLITION PLAN - BUILDING B
SCALE: 1/8" = 1'-0"



KEY PLAN



CONSTRUCTION DOCUMENTS

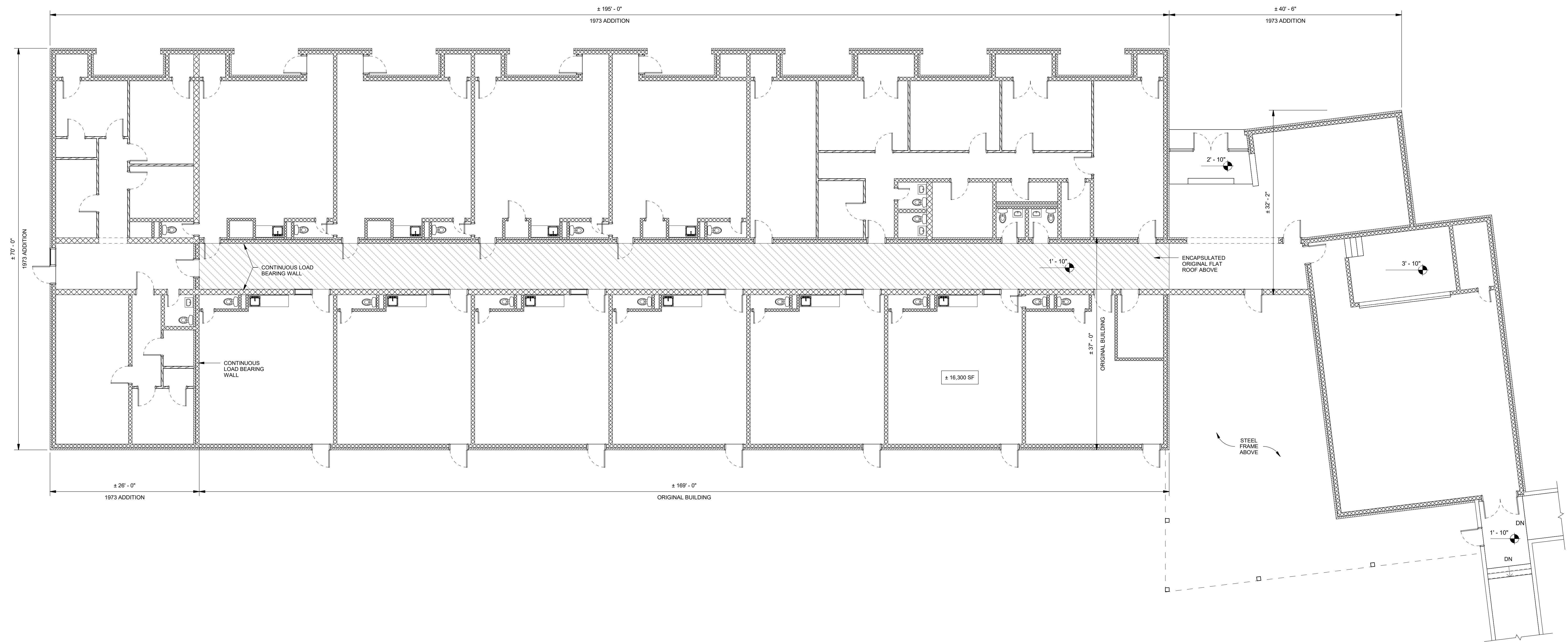
JULY 30, 2024

Revision Date	Revision Description

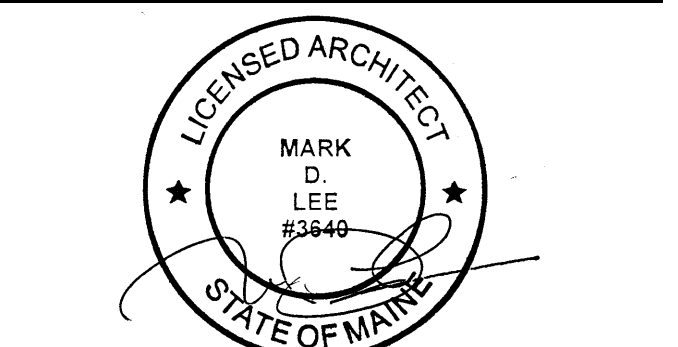
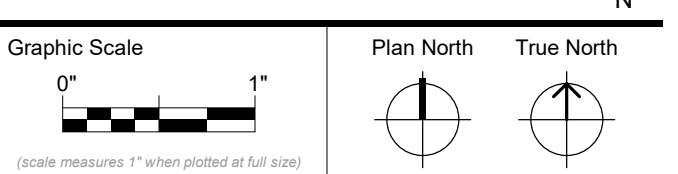
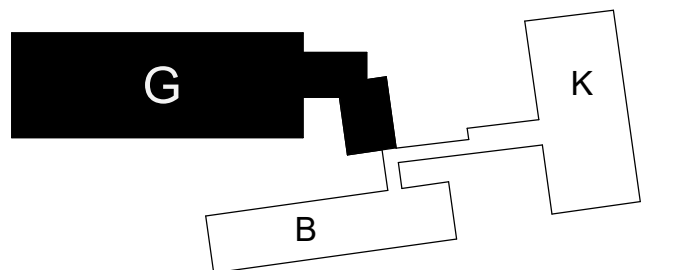
Drawn by: KLS

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 - ANY HAZARDOUS MATERIALS DISCOVERED DURING DEMOLITION PROCESS SHOULD FOLLOW APPROVED ABATEMENT PROCEDURES AND APPLICABLE LAWS.
- ALL BUILDING PLUMBING UTILITIES TO BE DISCONNECTED AND CAPPED AT THE SHUT OFF VALVES PRIOR TO START OF DEMOLITION.
- TEMPORARY SINGLE POINT POWER AND WATER CONNECTIONS PROVIDED BY OWNER. SEE LOCATION NOTED ON INDEX PLAN. CONTRACTOR RESPONSIBLE FOR CODE COMPLIANT DISTRIBUTION BEYOND SINGLE POINT PROVIDED.
- BUILDING UTILITIES LOCATED WITHIN THE PROJECT SCOPE AREA THAT SERVE OTHER BUILDINGS TO BE MAINTAINED. ANY DISRUPTION CAUSED BY THE SCOPE OF WORK IS TO BE COORDINATED WITH OWNER AND UTILITY PROVIDER PRIOR TO ASSOCIATED WORK.
- ANY ASSOCIATED UTILITIES SERVING BUILDINGS 'B' AND 'C' FROM DISTRIBUTION THAT ALSO CONNECTS TO OTHER BUILDING IS TO BE DISCONNECTED WITH NO DISRUPTION OF SERVICE TO OTHER BUILDINGS. DISCONNECT WORK TO BE COORDINATED WITH OWNER AND UTILITY PROVIDER PRIOR TO ASSOCIATED WORK.



KEY PLAN



CONSTRUCTION DOCUMENTS

JULY 30, 2024

Revision Date	Revision Description

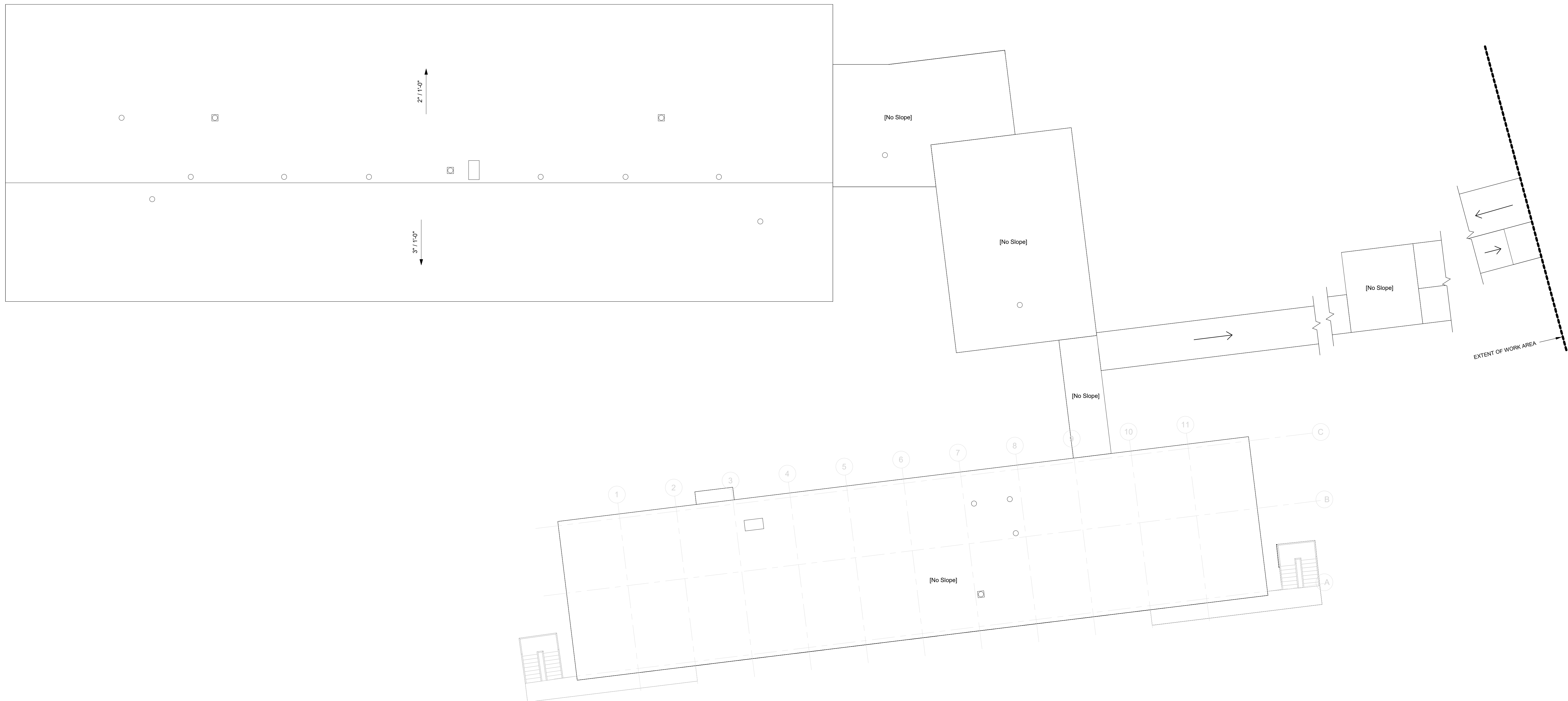
Drawn by: KLS

DEMOLITION PLAN -
BUILDING G

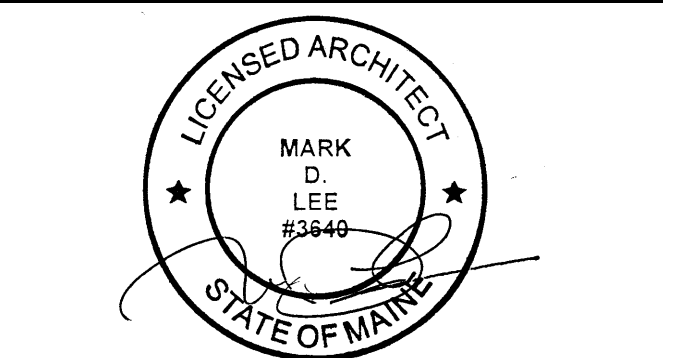
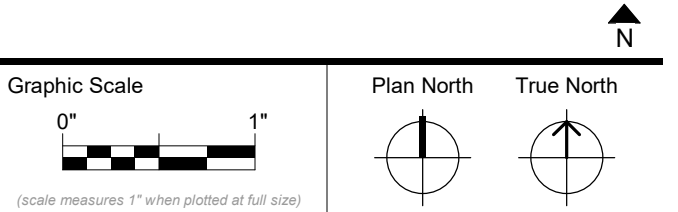
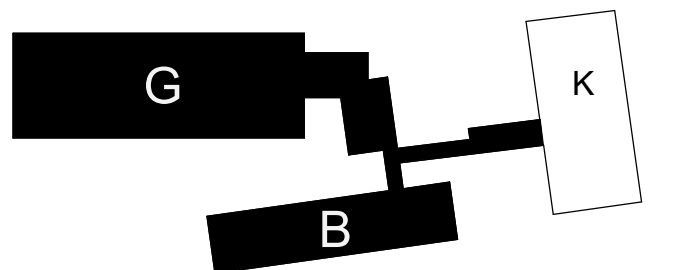
A05-1G

GENERAL DEMOLITION NOTES

- ALL WORK TO BE DONE IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS, CODES AND STANDARDS, AND MEET THE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.
- BUILDINGS 'B', 'G', AND THE CONNECTORS TO BE DEMOLISHED IN THEIR ENTIRETY. REMOVALS TO INCLUDE ALL FOUNDATIONS, FOOTINGS AND ASSOCIATED CONSTRUCTED SUB GRADE ELEMENTS.
- SEE SPECIFICATIONS BACKFILLING SCOPE REQUIREMENTS.
- DRAWINGS ARE ILLUSTRATIVE OF APPROXIMATE EXISTING CONDITIONS. CONDITIONS HAVE NOT BEEN FIELD VERIFIED. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL CONDITIONS. REMEDIATION OF HAZARDOUS MATERIALS TO BE COMPLETED PRIOR TO DEMOLITION EXCEPT AS NOTED BELOW.
 - ROOFING: SEE HAZARDOUS MATERIALS REPORT
 - ANY HAZARDOUS MATERIALS DISCOVERED DURING DEMOLITION PROCESS SHOULD FOLLOW APPROVED ABATEMENT PROCEDURES AND APPLICABLE LAWS.
- ALL BUILDING PLUMBING UTILITIES TO BE DISCONNECTED AND CAPPED AT THE SHUT OFF VALVES PRIOR TO START OF DEMOLITION.
- TEMPORARY SINGLE POINT POWER AND WATER CONNECTIONS PROVIDED BY OWNER. SEE LOCATION NOTED ON INDEX PLAN. CONTRACTOR RESPONSIBLE FOR CODE COMPLIANT DISTRIBUTION BEYOND SINGLE POINT PROVIDED.
- BUILDING UTILITIES LOCATED WITHIN THE PROJECT SCOPE AREA THAT SERVE OTHER BUILDINGS TO BE MAINTAINED. ANY DISRUPTION CAUSED BY THE SCOPE OF WORK IS TO BE COORDINATED WITH OWNER AND UTILITY PROVIDER PRIOR TO ASSOCIATED WORK.
- ANY ASSOCIATED UTILITIES SERVING BUILDINGS 'B' AND 'G' FROM DISTRIBUTION THAT ALSO CONNECTS TO OTHER BUILDING IS TO BE DISCONNECTED WITH NO DISRUPTION OF SERVICE TO OTHER BUILDINGS. DISCONNECT WORK TO BE COORDINATED WITH OWNER AND UTILITY PROVIDER PRIOR TO ASSOCIATED WORK.



KEY PLAN



CONSTRUCTION DOCUMENTS

JULY 30, 2024

Revision Date	Revision Description

Drawn by: KLS

DEMOLITION ROOF PLAN

BUILDING K - DEMOLITION SCOPE NOTES

1. REMOVE CONNECTOR AND ALL ASSOCIATED STRUCTURE COMPLETE. THIS INCLUDES BUT IS NOT LIMITED TO: FOOTINGS, FOUNDATION, SLAB, ROOF/FLOOR LEDGERS, WALLS, RAISE FLOOR STRUCTURE AND ROOFS.
2. REMOVE 'K' BUILDING LOWER LEVEL DOOR BETWEEN THE EXISTING 'K' BUILDING STAIRWELL AND THE CONNECTOR TO BE DEMOLISHED. PREP EXISTING MASONRY OPENING TO RECEIVE NEW DOOR AND FRAME.
3. REMOVE 'K' BUILDING SECOND FLOOR WOOD FRAMED WALL INFILL BETWEEN THE 'K' BUILDING STAIRWELL AND THE CONNECTOR TO BE DEMOLISHED. PREP MASONRY OPENING TO RECEIVE NEW INFILL AS DETAILLED.
4. REMOVE ALL THRU WALL UTILITY PENETRATIONS ASSOCIATED WITH THE CONNECTOR TO BE DEMOLISHED. TERMINATE PER CODE INTERNAL TO 'K' BUILDING.
5. DISCONNECT SECOND FLOOR 'K' BUILDING STAIRWELL FIRE ALARM PULL STATION FROM EXISTING 'K' BUILDING FIRE ALARM PANEL PER 2019 NFPA 72. REMOVE PULL STATION, REMOVE AND CAP ASSOCIATED CONDUIT.
6. REMOVE SECOND FLOOR 'K' BUILDING LIGHT EXIT SIGN INTERNAL TO THE STAIRWELL ASSOCIATED WITH THE CONNECTOR ACCESS DOOR TO BE DEMOLISHED. REMOVE AND CAP ASSOCIATED CONDUIT.
7. REMOVE EXISTING FINISH FLOORING ONLY AS REQUIRED FOR NEW SCOPE. REMOVE ANY CRACKED OR DAMAGED VCT. PREP CONCRETE TO RECEIVE NEW VCT FLOORING.

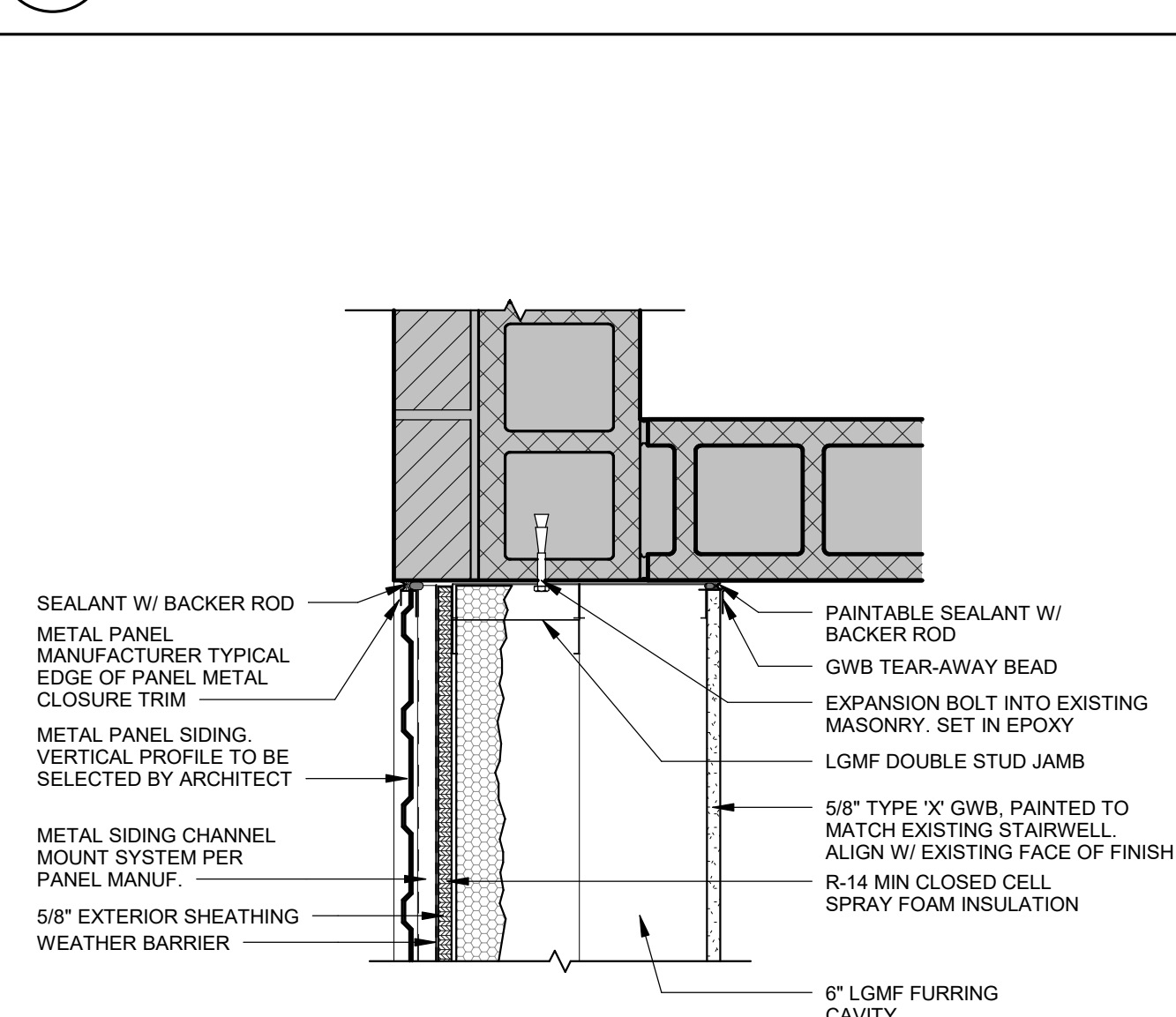
BUILDING K - INFILL SCOPE NOTES

1. REPAIR EXISTING MASONRY VENEER. THIS INCLUDES BUT IS NOT LIMITED TO: PREVIOUS UTILITY PENETRATION HOLES, LEDGER BOLT HOLES, CONNECTOR ROOF FLASHING REMOVAL AND ANY DAMAGE CAUSED BY DEMOLITION SCOPE.
 - A. REPAIR MATERIALS (BRICKS AND GROUT) TO MATCH EXISTING
 - B. REMOVE DAMAGED/PARTIAL BRICKS, TOOTH IN NEW BRICKS AS REQUIRED
 - C. REGROUT ALL LOOSE BRICKS
 - D. REPOINT ALL SEGREGATED GROUT IN SCOPE AREA
 - E. MORTAR MATCH INFILL IN STABLE BRICK FACE HOLES
 - F. DAMAGED BRICK DEFINED AS FULLY CRACKED, MISSING ANY PORTION FULL WIDTH, HAVING A CRACK TO EDGE EMANATING FROM FULL WIDTH HOLE
2. PROVIDE NEW EXTERIOR DOOR IN EXISTING BUILDING 'K'. SEE PLAN AND DOOR SCHEDULE FOR DETAILS.
3. PROVIDE BUILDING 'K' SECOND FLOOR EXTERIOR WALL INFILL. SEE DETAILS.
4. INFILL SCOPE IS CONSIDERED BY IRC TO BE AN ALTERNATION. BUILDING 'K' INFILL SCOPE OF WORK REQUIRES A PERMIT AND ADHERENCE TO ALL CURRENT APPLICABLE STATE OF MAINE BUILDING CODES.
5. INSTALL NEW VCT TO COVER ANY GAPS IN EXISTING FLOOR FINISH EXPOSED BY NEW SCOPE OF INFILL WORK. REPLACE ANY VCT DAMAGED BY SCOPE OF WORK. COLOR TO MATCH EXISTING.

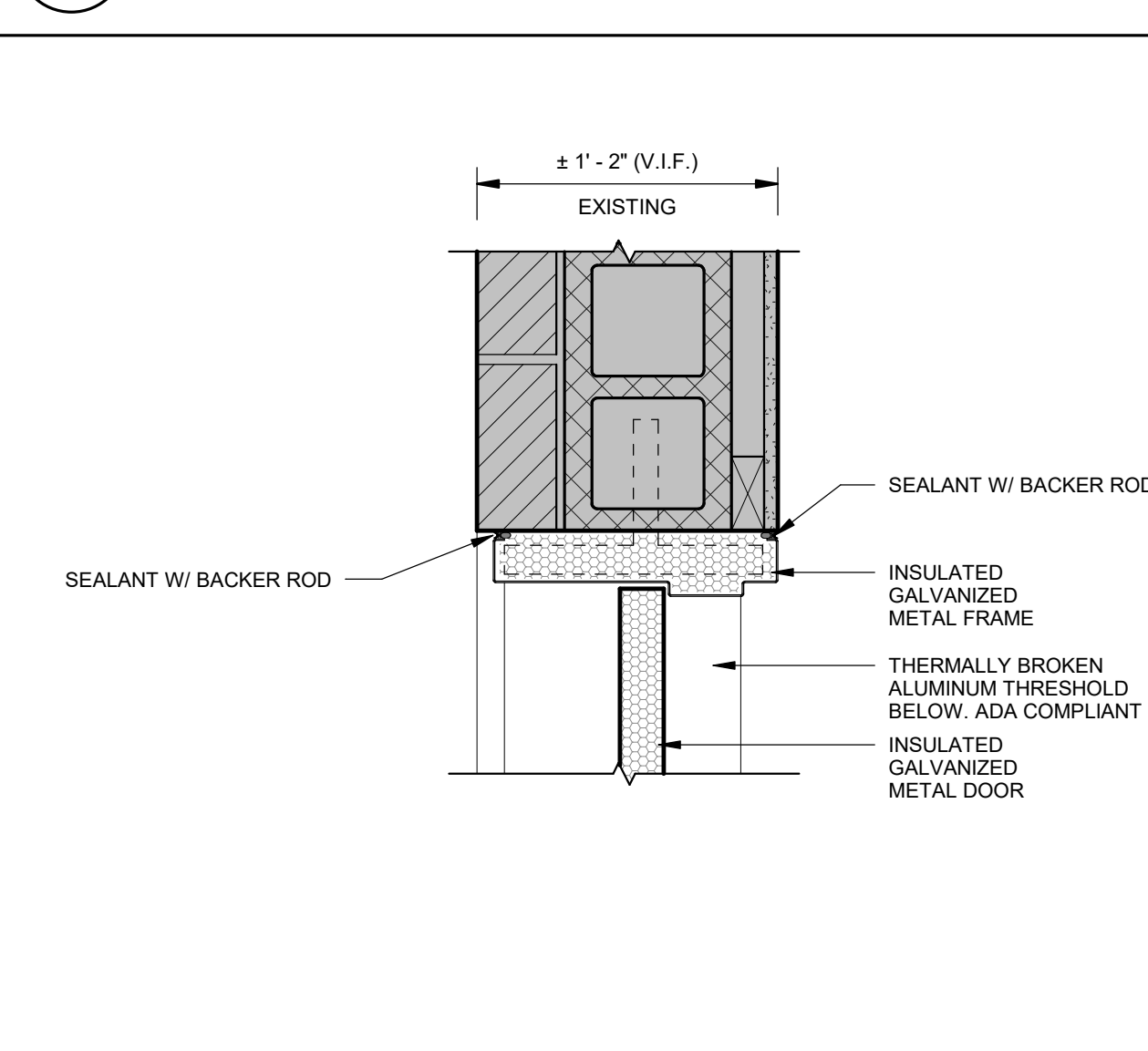
APPLICABLE BUILDING CODES

- 2015 INTERNATIONAL BUILDING CODE (IBC)
 - 2015 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
 - 2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
 - 2015 INTERNATIONAL MECHANICAL CODE (IMC)
- SEE STATE OF MAINE FIRE MARSHALL WEBSITE FOR CURRENT NFPA LIST. EDITION YEARS VARY PER SECTION. [HTTPS://WWW.MAINE.GOV/DPS/DPR/FIRE-SERVICE/LAWS/NFPA](https://www.maine.gov/dps/dpr/fire-service/laws/nfpa)

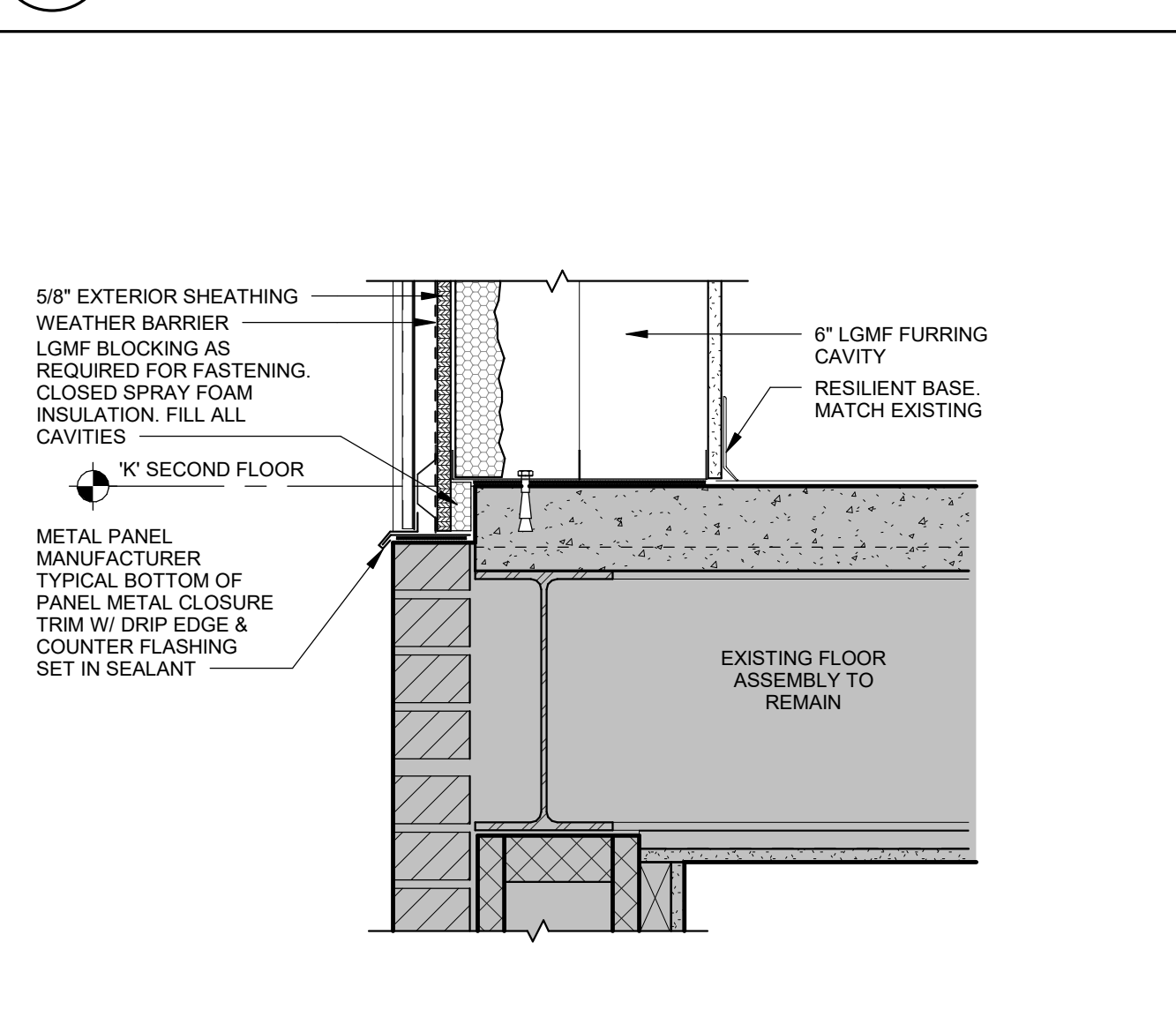
C3 WALL INFILL HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



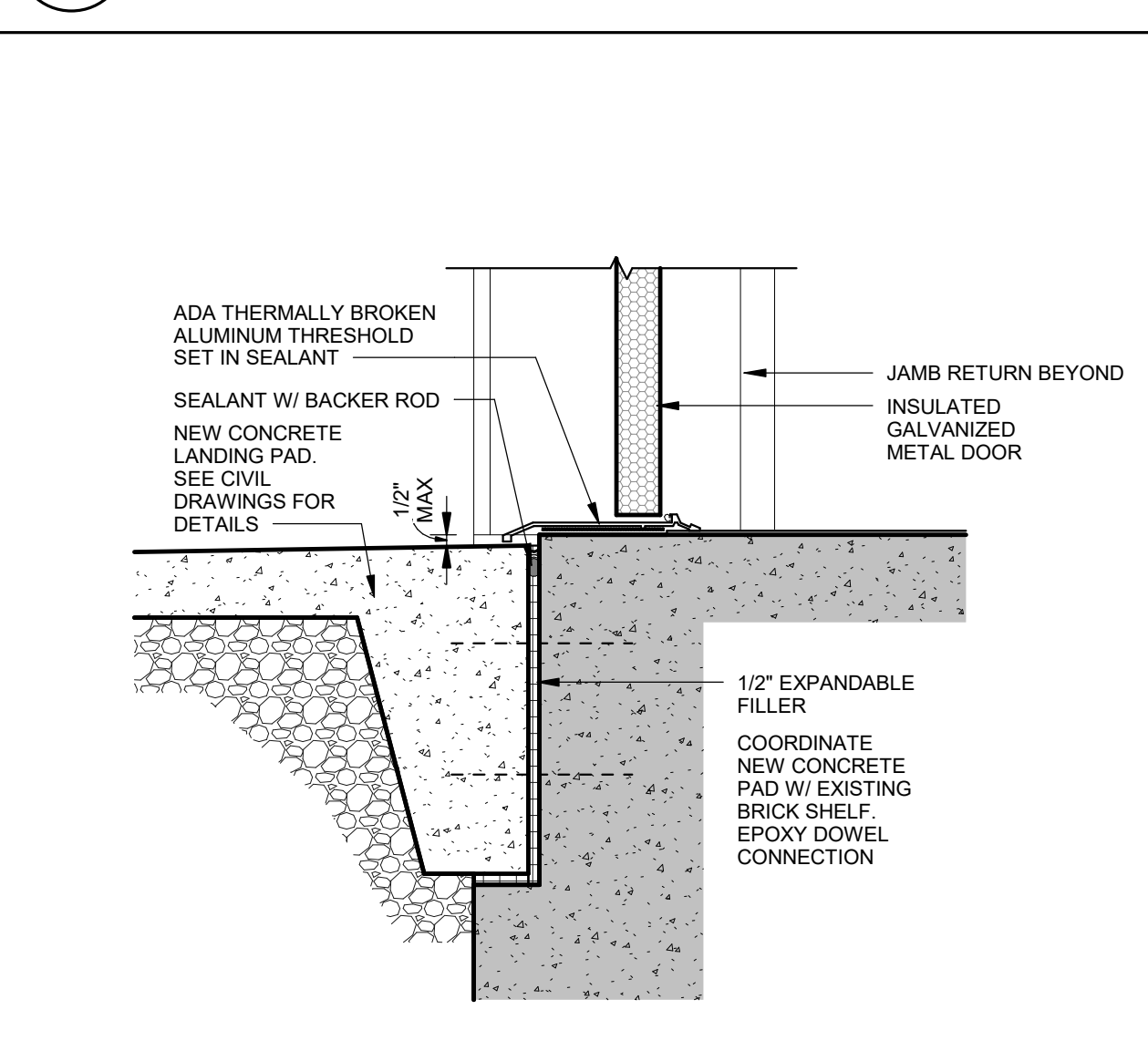
C4 DOOR HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



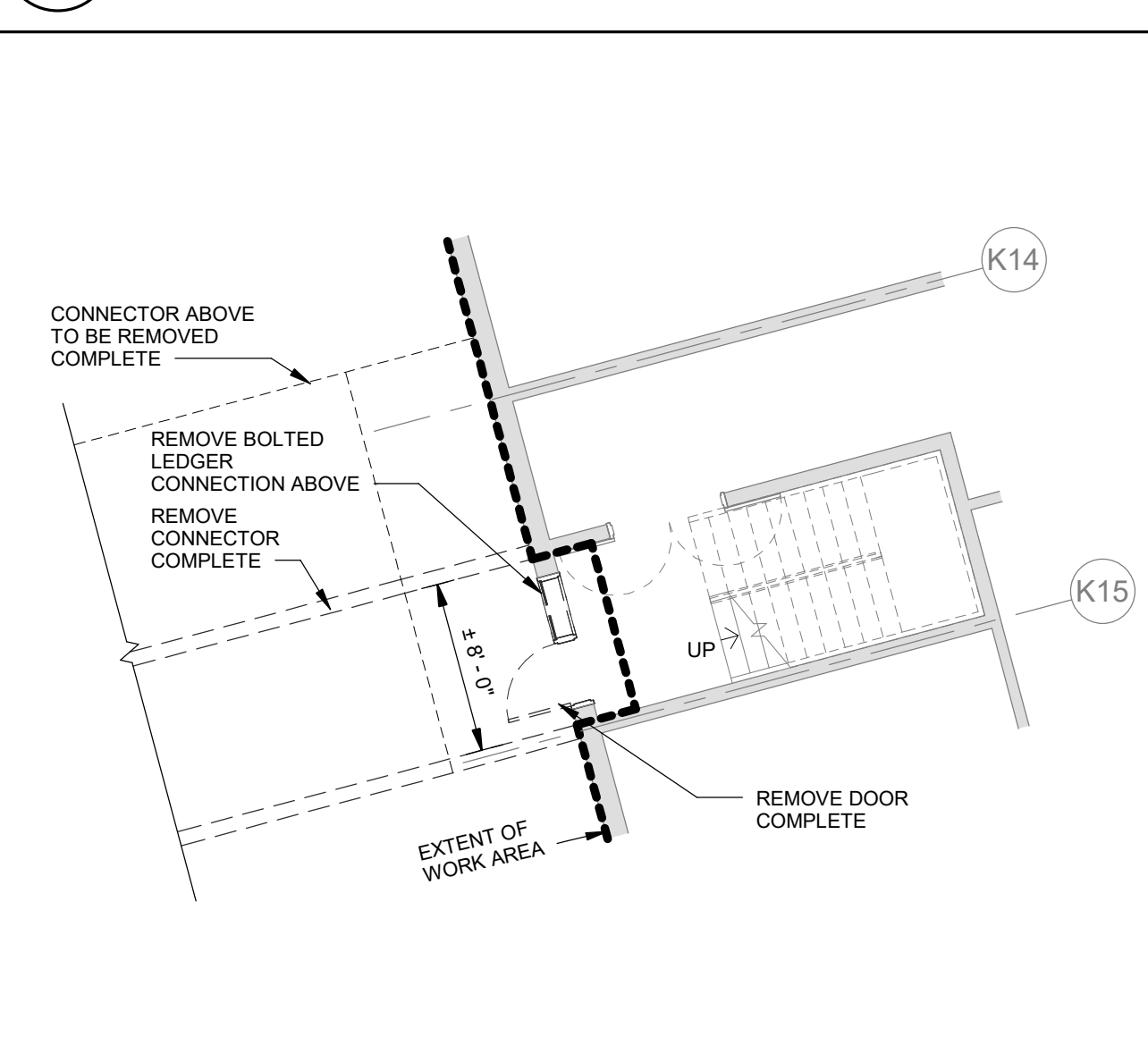
B3 WALL INFILL JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



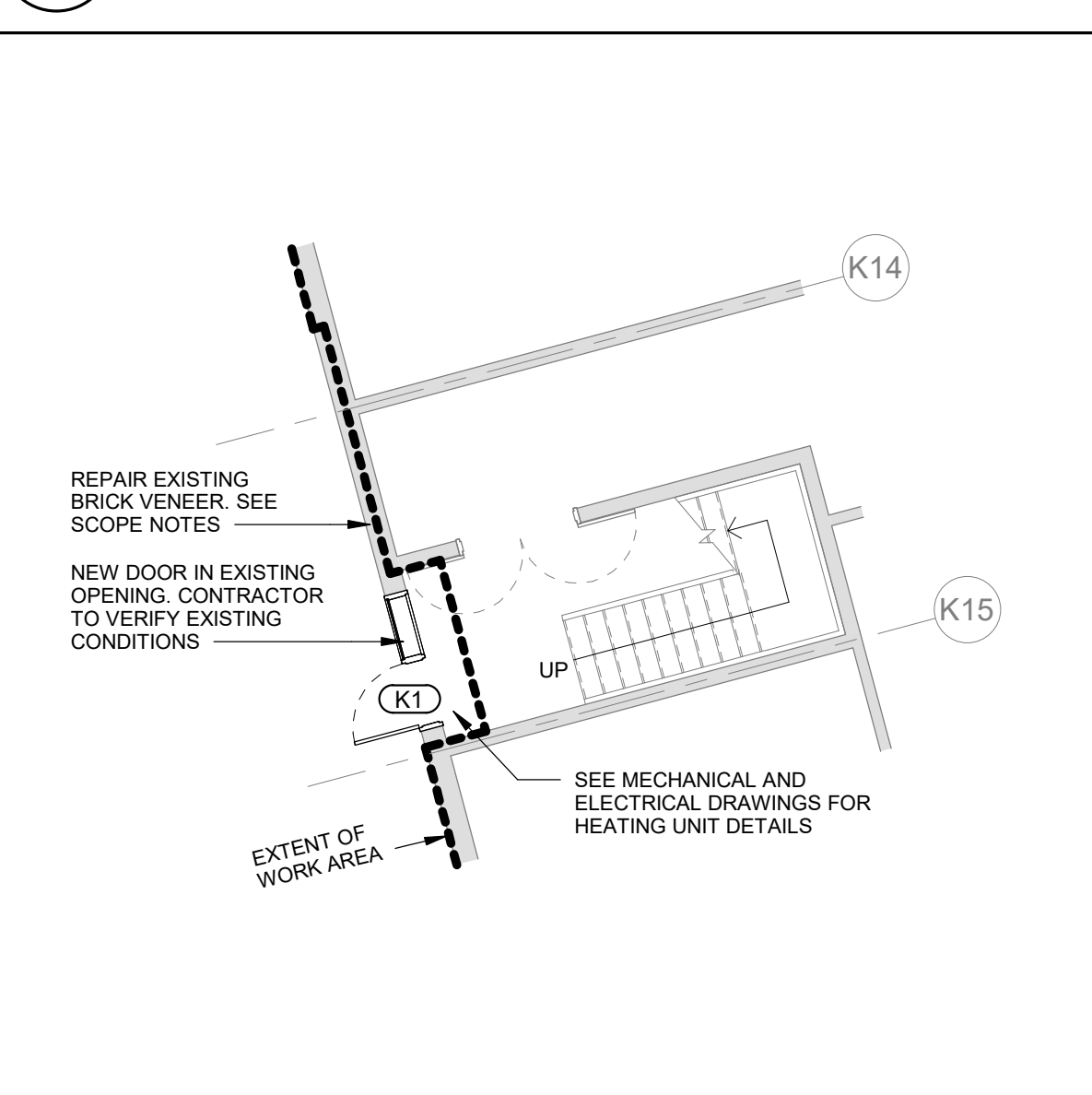
B4 DOOR JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



B1 BUILDING K - SECOND FLOOR DEMO PLAN
SCALE: 1/8" = 1'-0"



B2 BUILDING K - SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"



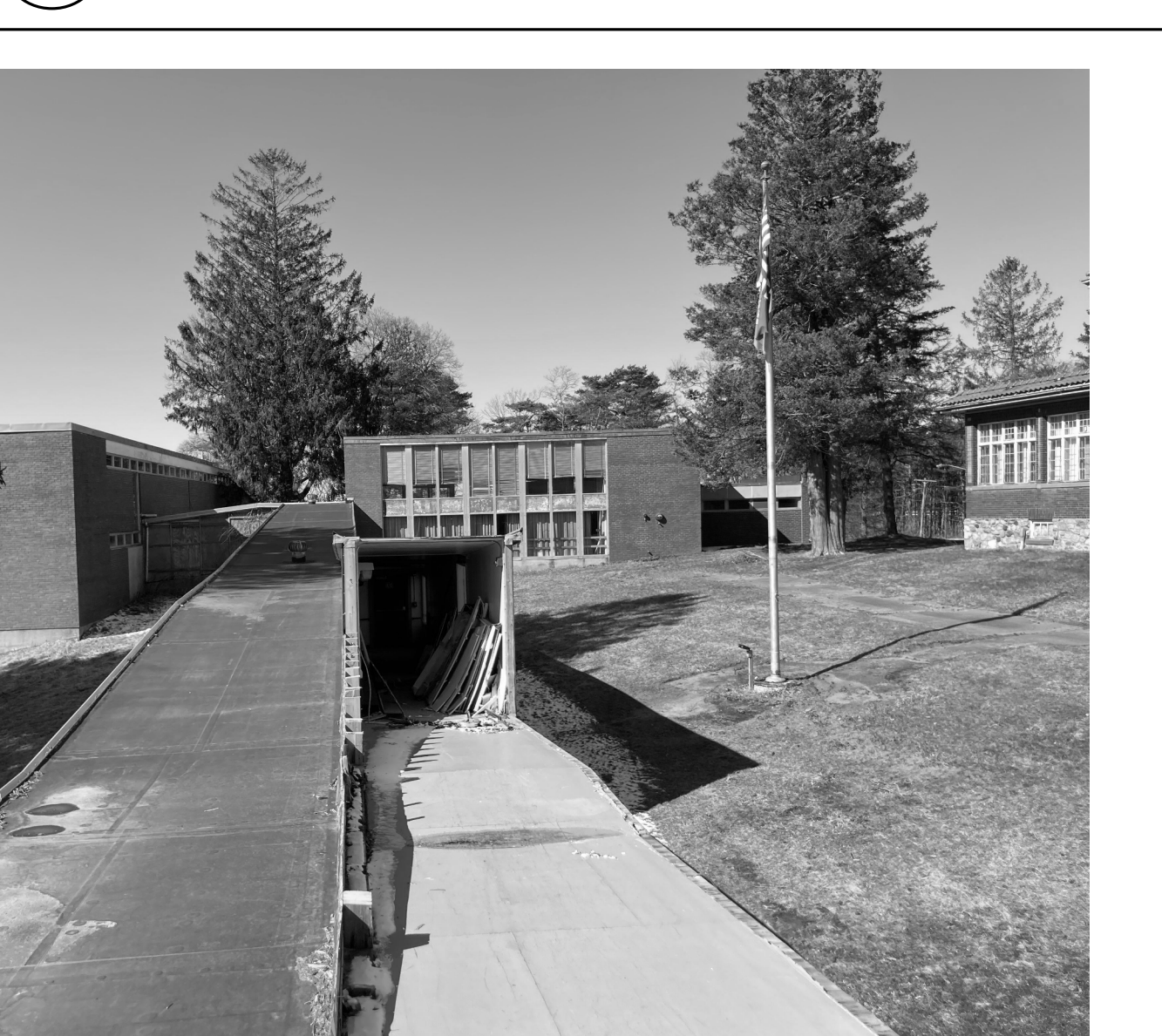
A1 BUILDING K - FIRST FLOOR DEMO PLAN
SCALE: 1/8" = 1'-0"



A2 BUILDING K - FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"



A3 WALL INFILL SILL DETAIL
SCALE: 1 1/2" = 1'-0"



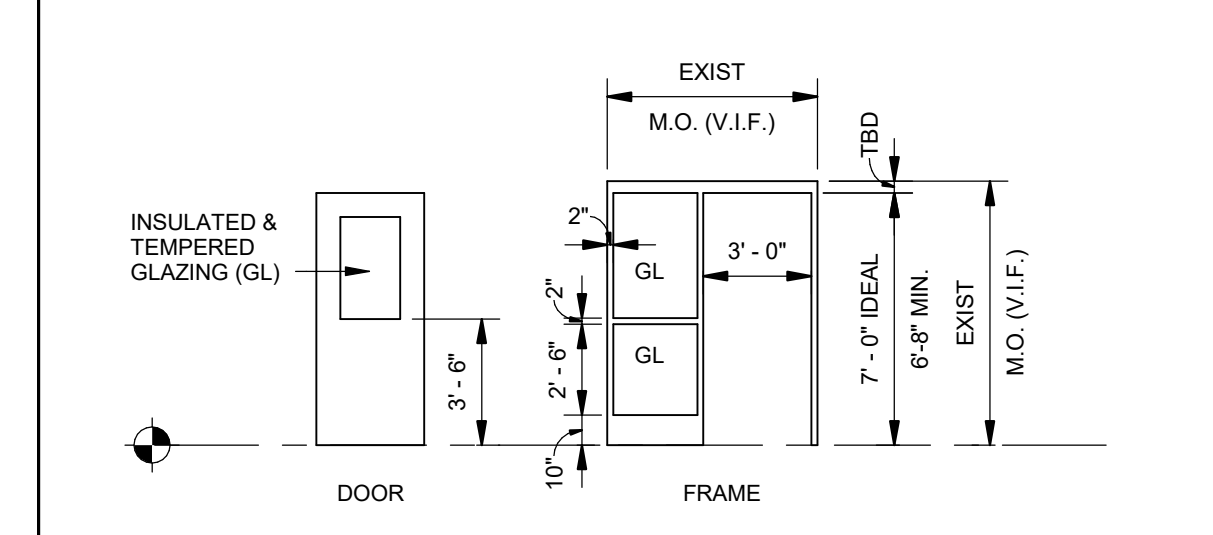
A4 DOOR SILL DETAIL
SCALE: 1 1/2" = 1'-0"



DOOR SCHEDULE

1. PROVIDE NEW DOOR, FRAME AND HARDWARE IN EXISTING MASONRY ROUGH OPENING
 2. CONTRACTOR RESPONSIBLE FOR VERIFYING OPENING CONDITIONS PRIOR TO ORDERING OF NEW DOOR AND FRAME
 3. GENERAL DOOR SIZE REQUIREMENTS AS NOTED IN GRAPHIC SCHEDULE
 4. GLAZING AS NOTED IN GRAPHIC SCHEDULE
 5. CONTRACTOR TO COORDINATE HARDWARE, CORE AND KEYING PREFERENCES WITH OWNER PRIOR TO SUBMISSION OF DOOR HARDWARE SUBMITTAL.
- DOOR & FRAME:**
MATERIAL: INSULATED AND GALVANIZED METAL (G40 MINIMUM)
FINISH: FACTORY PRIME 2-COAT FIELD FINISHED. PAINT TO MATCH EXISTING
U-FACTOR: 0.60 MAX (BC 2015, TABLE C503.1.3-2)
- HARDWARE:**
1 MORTISE ENTRY LOCKSET
1 RIM FIRE EXIT BAR
3 HINGES
1 CLOSER
1 SET WEATHER STRIPPING
1 DOOR BOTTOM
1 ADA THERMALLY BROKEN ALUMINUM THRESHOLD

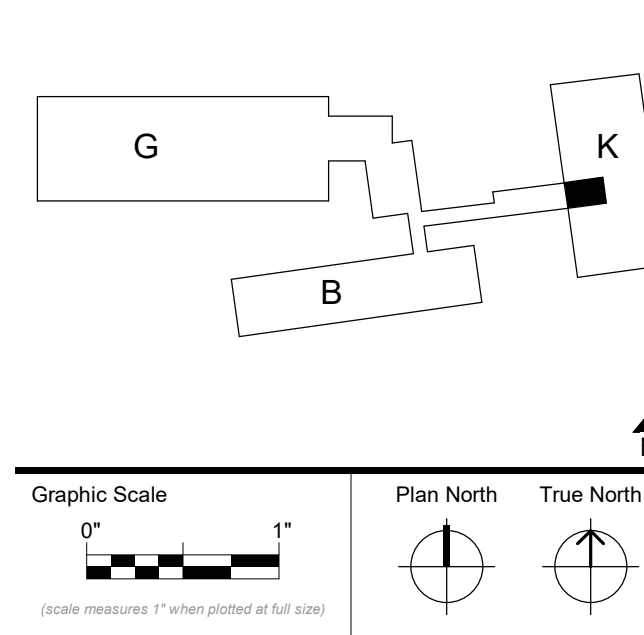
DOOR & FRAME GRAPHIC SCHEDULE



GENERAL DEMOLITION NOTES

1. ALL WORK TO BE DONE IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS, CODES AND STANDARDS. AND MEET THE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.
2. BUILDINGS 'B', 'G', AND 'K' AND THE CONNECTORS TO BE DEMOLISHED IN THEIR ENTIRETY. REMOVALS TO INCLUDE ALL FOUNDATIONS, FOOTINGS AND ASSOCIATED CONSTRUCTED SUB GRADE ELEMENTS.
3. SEE SPECIFICATIONS BACKFILLING SCOPE REQUIREMENTS.
4. DRAWINGS ARE ILLUSTRATIVE OF APPROXIMATE EXISTING CONDITIONS. CONDITIONS HAVE NOT BEEN FIELD VERIFIED. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL CONDITIONS.
5. REMEDIATION OF HAZARDOUS MATERIALS TO BE COMPLETED PRIOR TO DEMOLITION EXCEPT AS NOTED BELOW.
 - ROOFING: SEE HAZARDOUS MATERIALS REPORT
 - ANY HAZARDOUS MATERIALS DISCOVERED DURING DEMOLITION PROCESS SHOULD FOLLOW APPROVED ABATEMENT PROCEDURES AND APPLICABLE LAWS.
6. ALL BUILDING PLUMBING UTILITIES TO BE DISCONNECTED AND CAPPED AT THE SHUT OFF VALVES PRIOR TO START OF DEMOLITION.
7. TEMPORARY SINGLE POINT POWER AND WATER CONNECTIONS PROVIDED BY OWNER. SEE LOCATION NOTED ON INDEX PLAN. CONTRACTOR RESPONSIBLE FOR CODE COMPLIANT DISTRIBUTION BEYOND SINGLE POINT PROVIDED.
8. BUILDING UTILITIES LOCATED WITHIN THE PROJECT SCOPE AREA THAT SERVE OTHER BUILDINGS TO BE MAINTAINED. ANY DISRUPTION CAUSED BY THE SCOPE OF WORK IS TO BE COORDINATED WITH OWNER AND UTILITY PROVIDER PRIOR TO ASSOCIATED WORK.
9. ANY ASSOCIATED UTILITIES SERVING BUILDINGS 'B' AND 'G' FROM DISTRIBUTION THAT ALSO CONNECTS TO OTHER BUILDING IS TO BE DISCONNECTED WITH NO DISRUPTION OF SERVICE TO OTHER BUILDINGS. DISCONNECT WORK TO BE COORDINATED WITH OWNER AND UTILITY PROVIDER PRIOR TO ASSOCIATED WORK.

KEY PLAN



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Drawn by: KLS

BUILDING K DEMOLITION & INFILL PLANS



FIRST FLOOR CONNECTOR LANDING



SECOND FLOOR CONNECTOR LANDING



CONNECTOR - LOOKING AWAY FROM SECOND FLOOR LANDING



FIRST FLOOR STAIRWELL INTERIOR - CONNECTOR DOOR



SECOND FLOOR STAIRWELL INTERIOR - CONNECTOR DOOR

KEYNOTES

- NOTE:**
 KEYNOTE LETTER VARIANT CORRESPONDS TO SIGNAGE TYPE AND CONTENT. SEE SIGNAGE SCHEDULE DETAILS.
- 1 RUBBLE STONE MASONRY VENEER, ASSORTED LIGHT-MID, GRAY-BROWN COLOR PALETTE. MATCH EXISTING CAMPUS WATER TOWER
 - 2 GRANITE PIER CAP W/ DRIP EDGE. EPOXY EMBEDDED ANCHORS. THERMAL FINISH
 - 3 GRANITE WALL CAP W/ DRIP EDGE. SEGMENTED TO MATCH CURVED & SLOPED WALL BELOW AS REQUIRED. THERMAL FINISH
 - 4 CULTURED STONE SIGN BACKER. MATCH CURVE OR SLOPED CONDITION OF WALL. COLOR AND GRAIN TO MATCH GRANITE CAPS. THERMAL FINISH. CENTER ON SURFACE UNLESS NOTED OTHERWISE.
 - 5 LASER ENGRAVED GRANITE MEDALLION
 - 6 SALVAGED BRONZE DEDICATION PLAQUE. PROVIDE BRONZE CLIPS AND POST SUPPORTS. TO BE INSTALLED BY SIGNAGE SUB-CONTRACTOR
 - 7 ARCHITECTURAL ALUMINUM SWING GATE. SEE GATE SCOPE FOR DETAILS
 - 8 LASER CUT LETTER SIGNAGE. SURFACE MOUNT.
 - 9 LASER CUT ASL FINGERSPELL LETTER SIGNAGE. BASE MOUNT TO WALL CAP.
 - 10 LASER ENGRAVED GRANITE SIGN.
 - 11 KNOX BOX. COORD. W/ LOCAL OFFICIALS
 - 12 OFF-HOURS GATE ACCESS CONTROLS & COMMUNICATION
 - 13 CONTROL BOX. ABOVE GRADE. SURFACE MOUNT. SEE ELECTRICAL DRAWINGS AND COORDINATE WITH GATE OPERATOR MANUFACTURER SPECIFICATIONS.

GATE SCOPE

- GENERAL NOTES:**
1. THE GATE, SWING OPERATOR, AND ACCESS CONTROL ACCESSORIES IS A DELEGATED DESIGN PACKAGE PER GATE MANUFACTURER.
 2. CONTRACTOR TO PROVIDE ARCHITECT AND OWNER WITH SHOP DRAWINGS AND SUBMITTALS OF ALL GATE COMPONENTS FOR REVIEW, SELECTION AND APPROVAL.
 3. CONTRACTOR TO COORDINATE FINAL SELECTED GATE WEIGHT AND HINGE MOUNTING REQUIREMENTS WITH STRUCTURAL ENGINEER.
 4. CONTRACTOR TO COORDINATE FINAL SELECTED GATE OPERATOR AND ACCESS CONTROL ACCESSORY REQUIREMENTS WITH ELECTRICAL ENGINEER.

GATE BASIS OF DESIGN:
 MANUFACTURER: PALM SHIELD
 STYLE: UNDER SCALLOPED PROFILE WITH EQUAL OPEN/CLOSED SEMI-PRIVATE VERTICAL RIBBIL
 SIZE: DIMENSIONS AS NOTED
 MATERIAL: ALUMINUM
 FINISH: 2-COAT MINIMUM PVDF FACTORY FINISH
 COLOR: MATTE BLACK

OPERATOR BASIS OF DESIGN:
 MANUFACTURER: FAAC
 MODEL: S800H ENC. IN-GROUND HYDRAULIC SWING OPERATOR

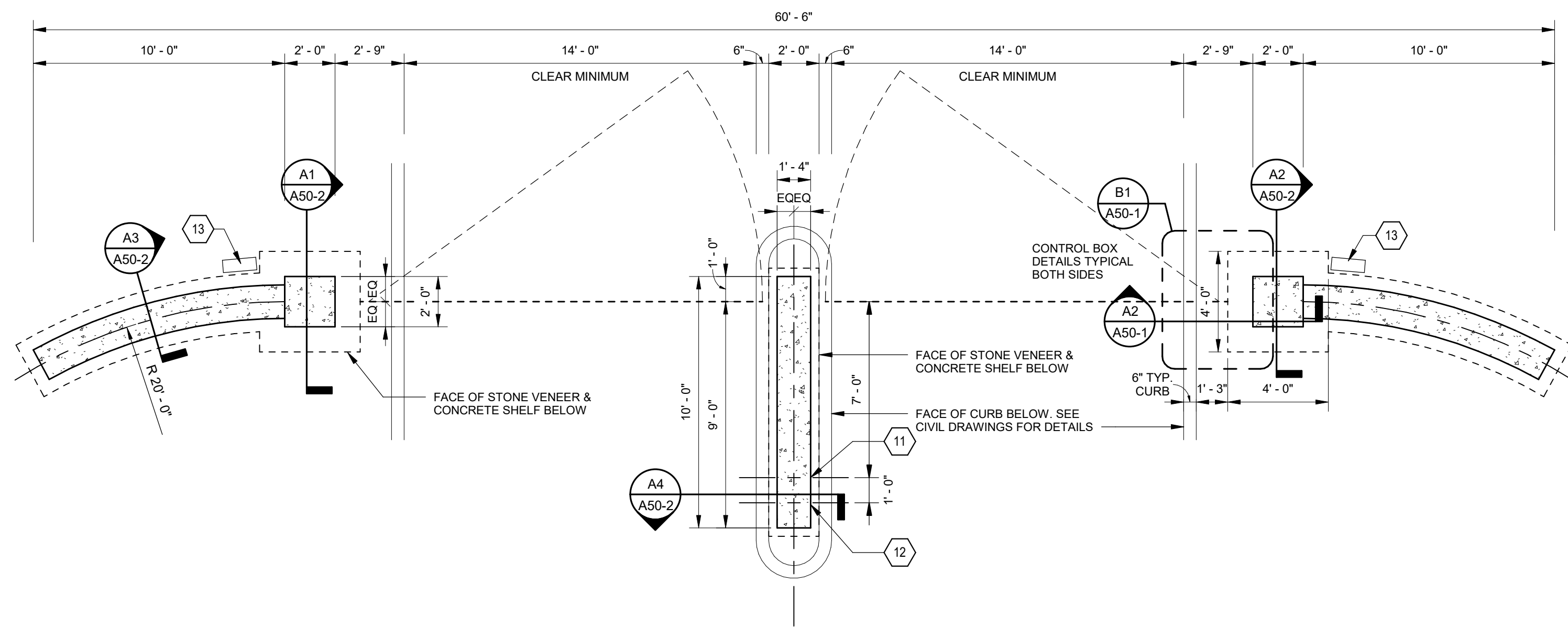
- ACCESS CONTROL REQUIREMENTS:**
- REMOTE CONTROL OPEN ON TIMER (BOTH GATES, BUSINESS HOURS)
 - (1) IN-GROUND INDUCTANCE LOOP. LOCATE IN EXIT LANE & ACTIVATES EXIT GATE
 - (2) MAG LOCKS
 - (1) KNOX BOX TO BE COORDINATED WITH LOCAL FIRE AND SAFETY OFFICIALS. LOCATION AS NOTED AND ACTIVATES ALL GATES
 - (1) KEY FOB OR KEYPAD. LOCATION AS NOTED AND ACTIVATES ENTRY GATE
 - REMOTE OPEN VIA STAFF MONITORED SUBSCRIPTION APPLICATION. ACTIVATES ENTRY GATE
 - (1) VISUAL SCREEN COMMUNICATION DEVICE. CONNECTS TO REMOTE STAFF MONITORED SUBSCRIPTION APPLICATION. LOCATION AS NOTED

SIGNAGE SCOPE

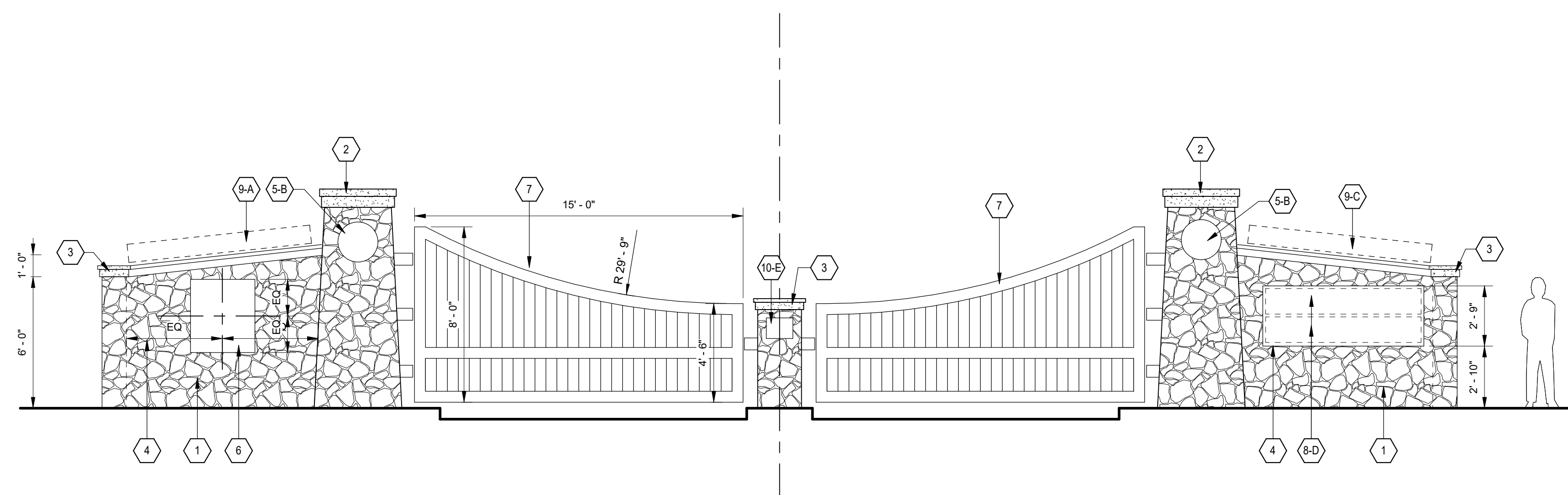
- GENERAL SIGN NOTES:**
1. SIGNAGE SCOPE IS A DELEGATED DESIGN. SIGNAGE SCOPE NOTES AND SCHEDULE TO BE USED AS BASIS OF DESIGN
 2. ALL SURFACE MOUNT LETTERS TO BE 1/2" MIN. THICK LASER CUT ALUMINUM.
 3. ALL BASE MOUNT LETTERS TO BE 5/8" MIN. THICK LASER CUT ALUMINUM.
 4. ALL LETTERS TO BE RECEIVED 2-COAT MIN. PVDF SHOP FINISH. COLOR: MATTE BLACK
 5. SIGNAGE SUB-CONTRACTOR TO PROVIDE SCALED SHOP DRAWINGS FOR OWNER & ARCHITECT REVIEW OF ALL FIELDS PRIOR TO FABRICATION
 6. SIGNAGE SUB-CONTRACTOR TO PROVIDE GRAPHICS, SPECIFICATIONS AND REVIEW SUPPORT AS REQUIRED BY THE TOWN OF FALMOUTH, MAINE SIGN REVIEW BOARD, STANDARDS AND REGULATIONS.
 7. SIGNAGE SUB-CONTRACTOR TO PROVIDE SIGNAGE MOUNTING RECOMMENDATIONS AND DETAILS PER EACH SIGNAGE TYPE FOR ARCHITECT REVIEW AND APPROVAL
 8. SIGNAGE SUB-CONTRACTOR TO PROVIDE MOUNTING RECOMMENDATIONS FOR THE INCORPORATION OF OWNER'S BRONZE SIGN ONTO THE GATEWAY FOR REVIEW AND WILL BE RESPONSIBLE FOR THE INSTALL PER FINAL APPROVAL.

SIGNAGE SCHEDULE

- | | |
|---|--|
| A | TYPE: BASE MOUNT, CENTERED
CONTENT: (TBD BY OWNER)
HEIGHT: 10"
FONT: ASL LETTER SPELL |
| B | TYPE: LASER / WATER JET ETCHED STONE
CONTENT: SCHOOL EMBLEM. GRAPHIC PROVIDED BY OWNER
HEIGHT: 20" DIAMETER
FONT: - |
| C | TYPE: BASE MOUNT, CENTERED
CONTENT: (TBD BY OWNER)
HEIGHT: 10"
FONT: ASL LETTER SPELL |
| D | TYPE: SURFACE MOUNT, CENTERED
CONTENT: GOVERNOR BAXTER
SCHOOL FOR THE DEAF
HEIGHT: 14"
FONT: SERIF |
| E | TYPE: ENGRAVED BRONZE PLACARD, SURFACE MOUNT, CENTERED
LOCATION: REAR OF PIER CAP 1. SEE DETAIL A1A50-2
CONTENT: DEDICATED [DATE TBD]
TIME CAPSULE TO BE OPEN [DATE TBD]
HEIGHT: 4" PLACARD, 1" FONT
FONT: SANS SERIF |

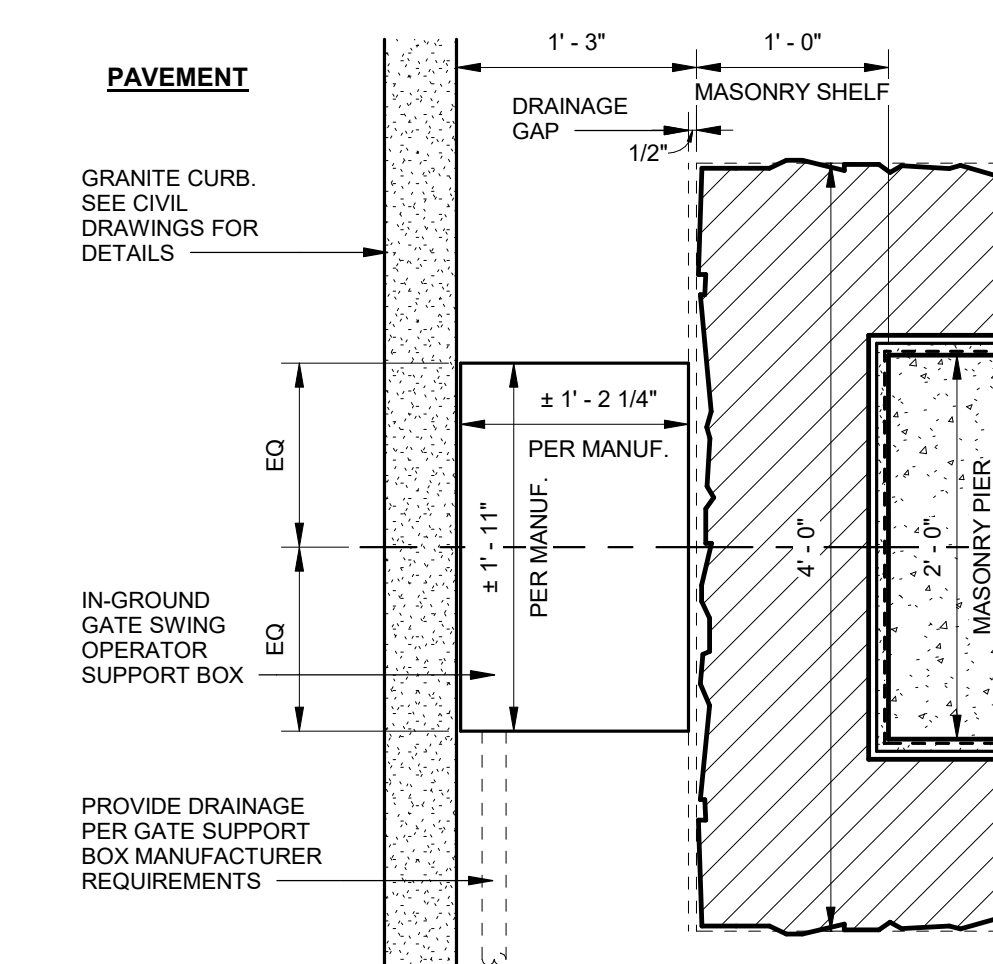


C1 GATEWAY LAYOUT PLAN
 SCALE: 1/4" = 1'-0"



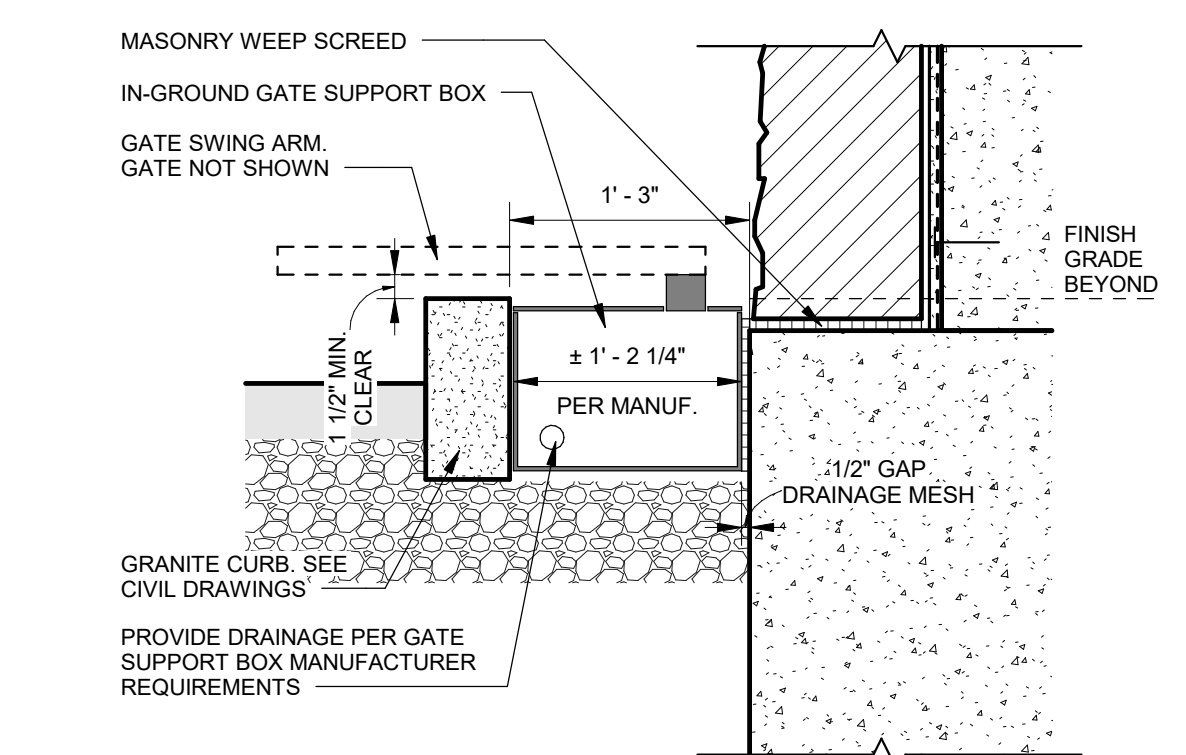
A1 GATEWAY FRONT ELEVATION
 SCALE: 1/4" = 1'-0"

NOTE: DETAIL TYPICAL OF (2) PIER LOCATIONS

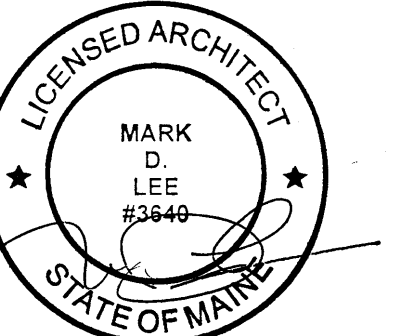
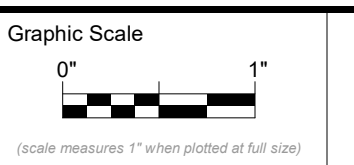


B1 GATE SUPPORT BOX PLAN DETAIL
 SCALE: 1" = 1'-0"

NOTE: DETAIL TYPICAL OF (2) PIER LOCATIONS



A2 EXTERIOR DETAIL
 SCALE: 1" = 1'-0"



CONSTRUCTION DOCUMENTS

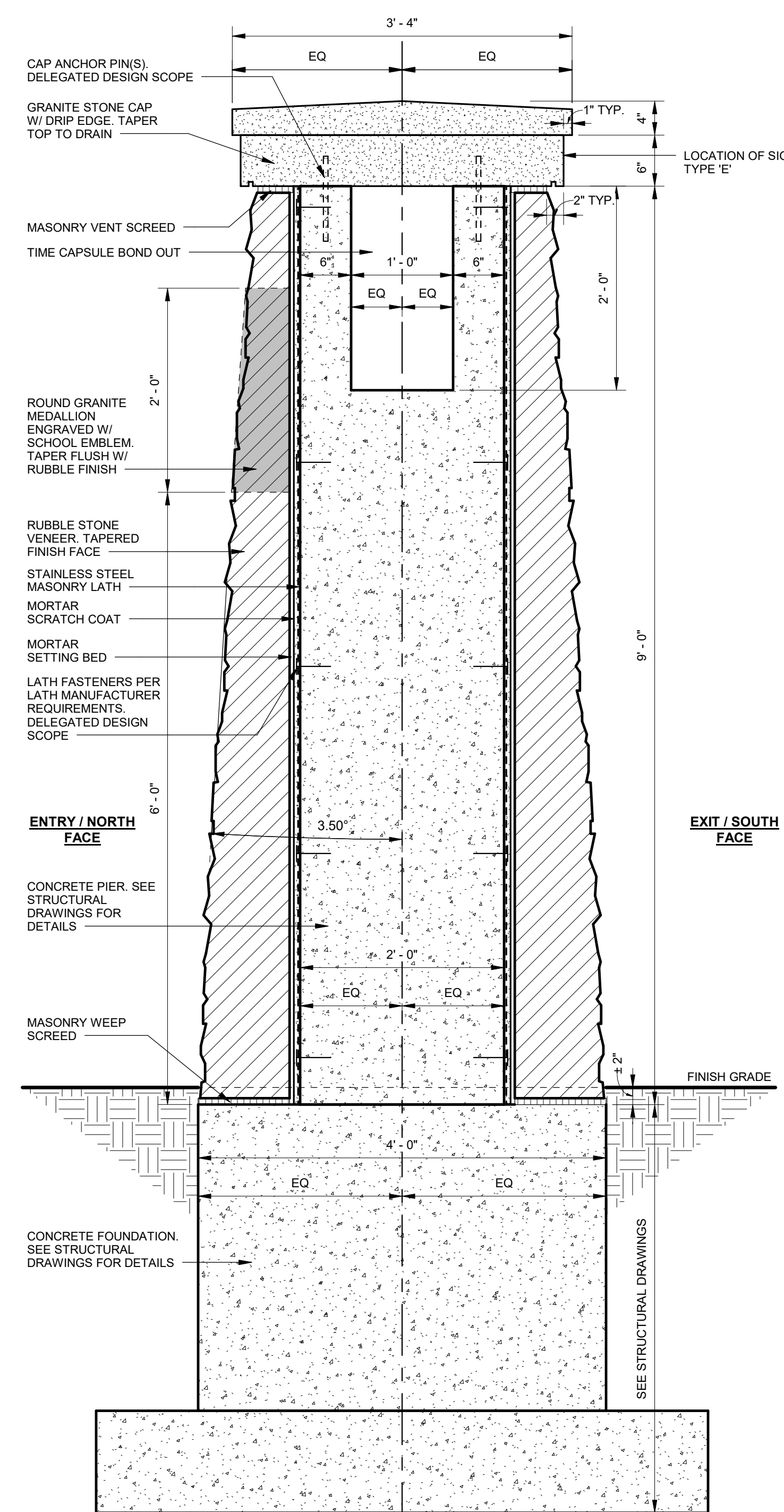
July 30, 2024

Revision Date	Revision Description

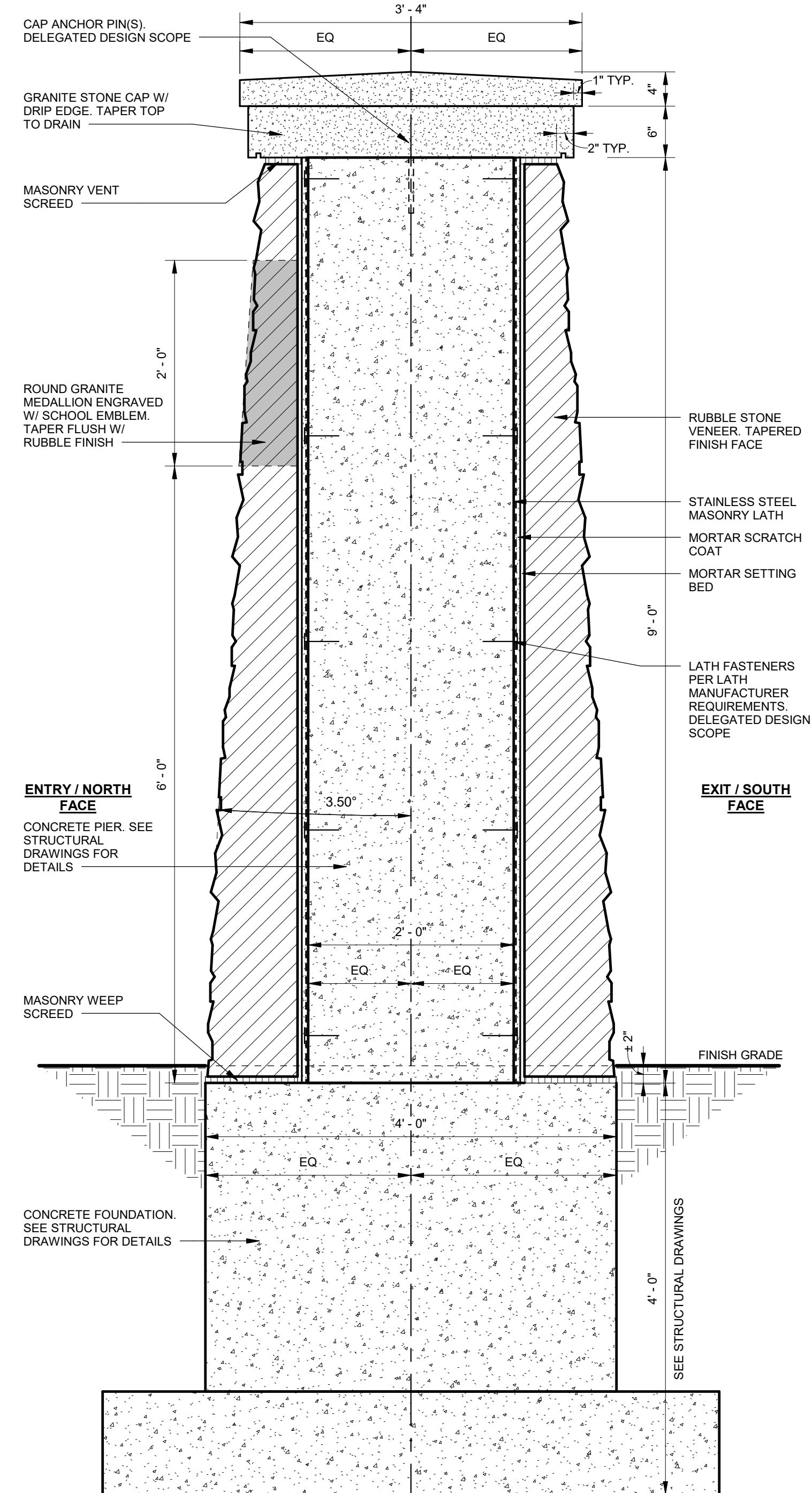
Drawn by: KLS

GATEWAY PLAN & FRONT ELEVATION

- TIME CAPSULE:**
- OWNER IS RESPONSIBLE FOR THE TIME CAPSULE CONTENTS
 - OWNER IS RESPONSIBLE FOR COORDINATING THE SIZE OF THE CAPSULE DESIRED AND DEDICATION/INSTALL DATE WITH THE CONTRACTOR
 - MAX CAPSULE SIZE: MUST BE ABLE TO FIT WITHOUT FORCE INTO A 12"W x 12"L x 24"D CAVITY
 - RECOMMENDED CAPSULE CONSTRUCTION:
 - 1" DIAMETER, SCHEDULE 40 PVC PIPE
 - 2) 10" PCV FLEX CLAMP CAPS, FULLY SEALED

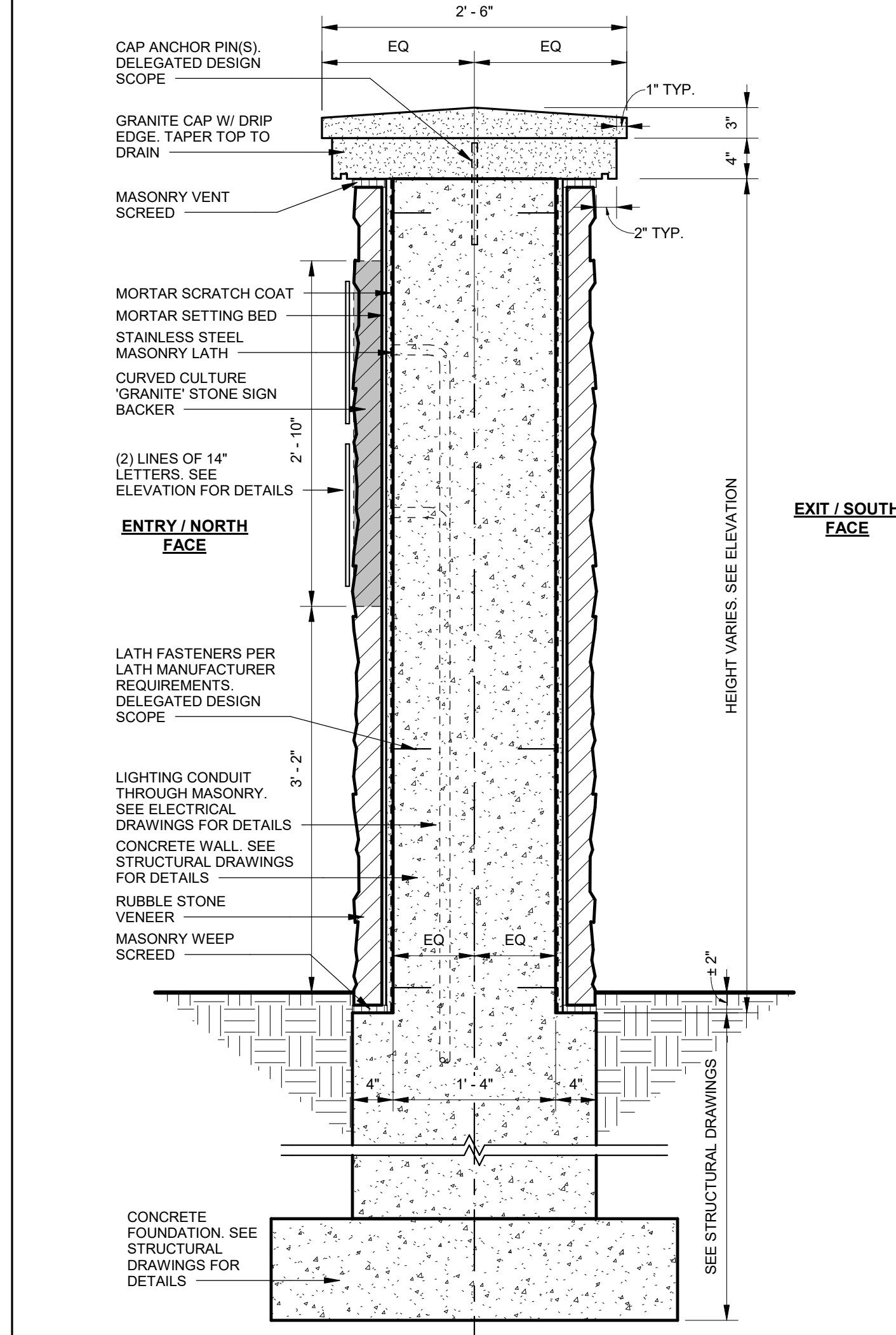


A1 MASONRY PIER 1 SECTION DETAIL
SCALE: 1" = 1'-0"

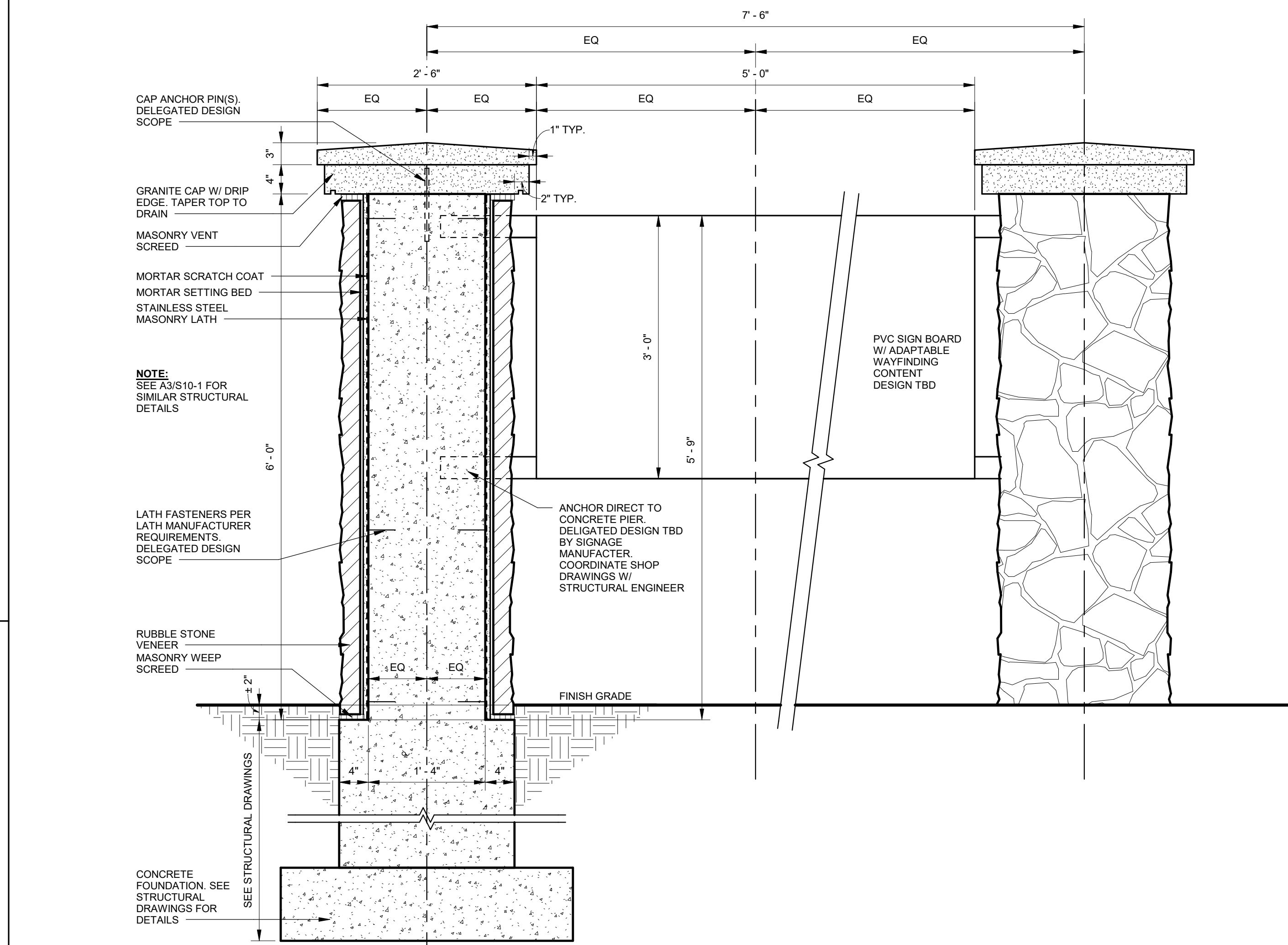


A2 MASONRY PIER 2 SECTION DETAIL
SCALE: 1" = 1'-0"

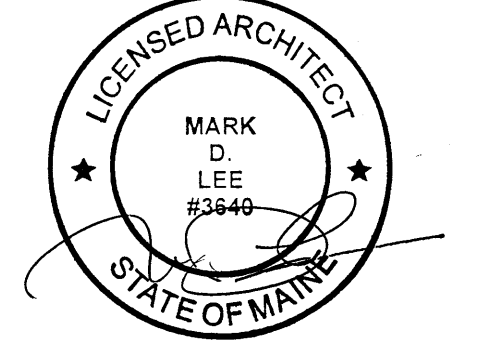
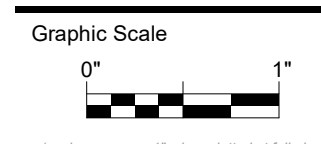
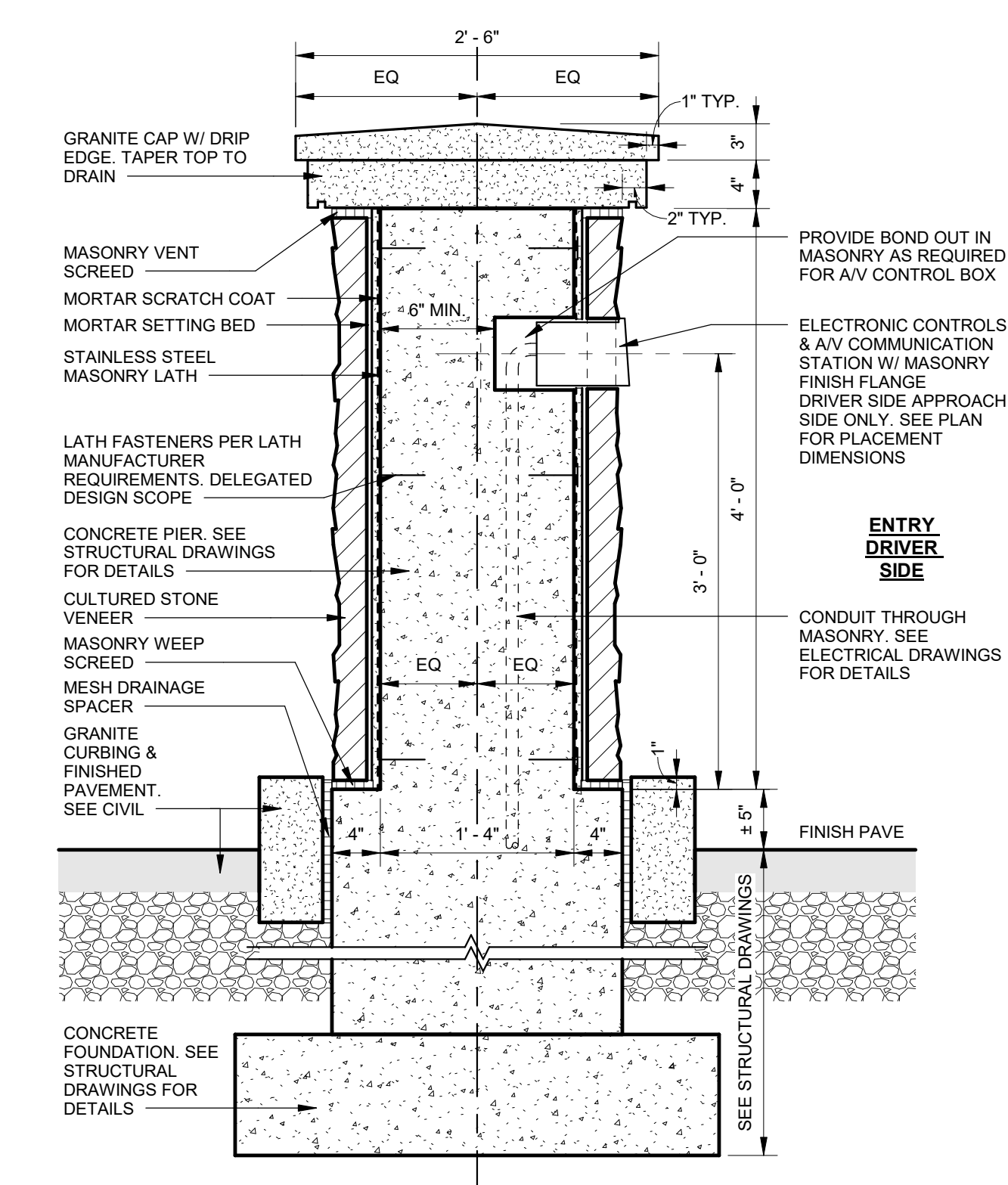
B3 WAY FINDING SIGN DETAIL (ADD ALT. 2)
SCALE: 1" = 1'-0"



A3 WING WALL SECTION DETAIL
SCALE: 1" = 1'-0"



A4 ISLAND WALL SECTION DETAIL
SCALE: 1" = 1'-0"



CONSTRUCTION DOCUMENTS

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GATEWAY DETAILS

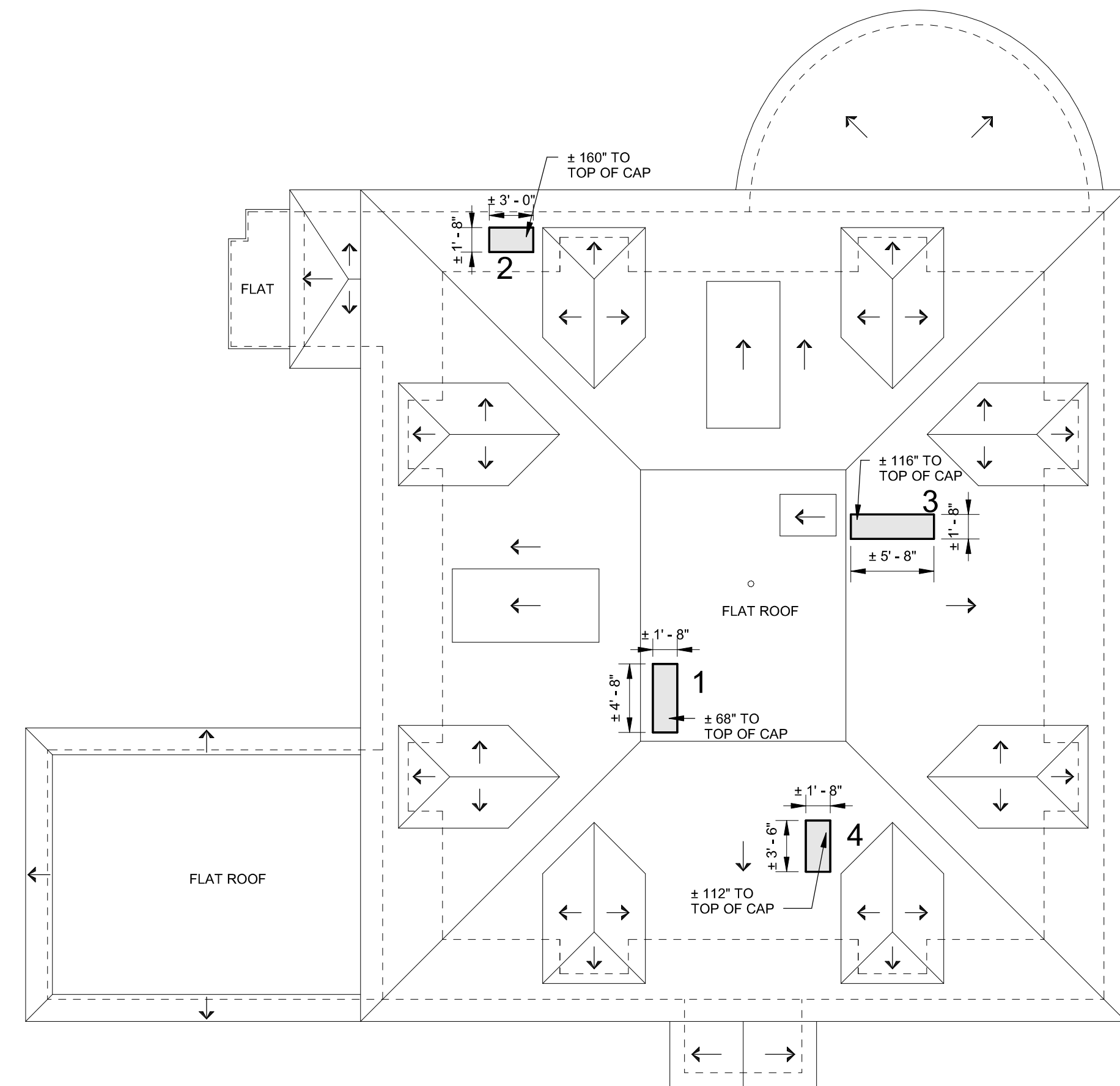
PHASE 1 - ADD ALT. 1 - CHIMNEY RESTORATION GENERAL NOTES

1. SEE SPECIFICATIONS APPENDIX B FOR THE GALE ASSOCIATES BUILDING ENVELOPE EVALUATION REPORT DATED MARCH 6, 2024 FOR MORE DETAILS.
2. DRAWINGS SHOWN HAVE NOT BEEN FIELD VERIFIED, DIMENSIONS AND GRAPHICS ARE APPROXIMATE FOR REFERENCE PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL FIELD VERIFICATION.
3. PHOTOGRAPHS USED ON THIS SHEET ARE INTENDED TO REPRESENT THE EXISTING CONDITIONS. THE PHOTOGRAPHS MAY BE SLIGHTLY SKEWED AND ARE NOT TO SCALE.
4. CONTRACTOR IS RESPONSIBLE FOR DESTROYING AND REMOVING BEEHORNET WASPS.

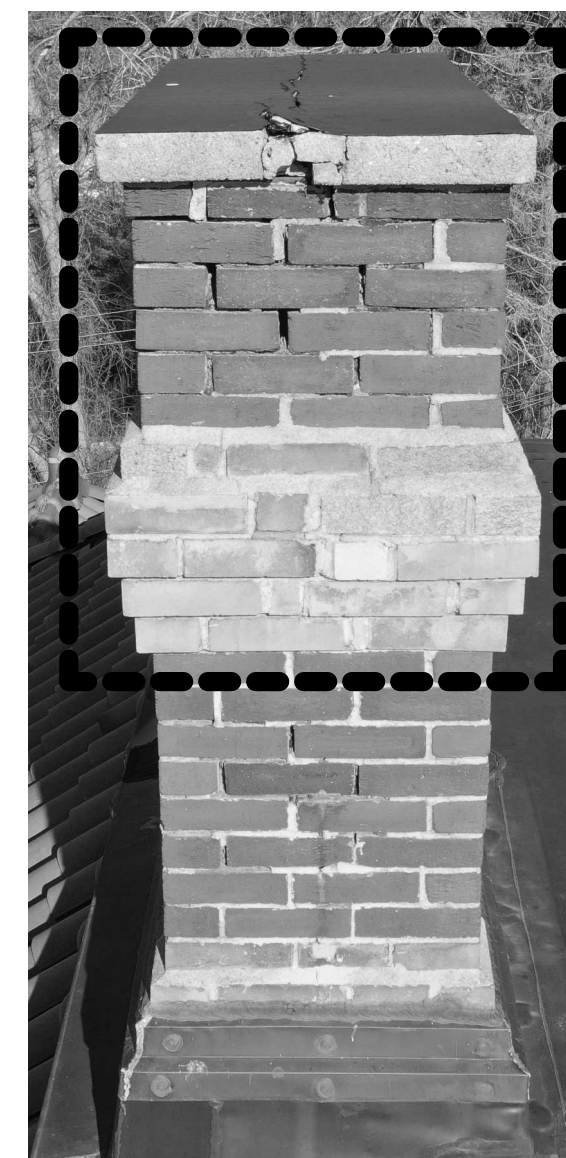
PHASE 1 - ADD ALT. 1 - CHIMNEY RESTORATION SCOPE

1. CUT, RAKE AND POINT EXISTING BRICK CHIMNEY MORTAR 100%. JOINTS SHALL BE RAKED AND CLEANED TO A MINIMUM DEPTH OF 3/4-INCHES OR TO GREATER DEPTHS TO SOUND EXISTING MORTAR. THE NEW MORTAR SHALL BE APPLIED IN MULTIPLE LIFTS OF A MAXIMUM 3/8-INCHES AND SHALL MATCH EXISTING MORTAR COLOR, TEXTURE AND JOINT PROFILE AND AS SELECTED BY ARCHITECT.
2. RE-BUILD THE EXISTING UPPER PORTIONS OF EACH CHIMNEY. REPLACE BOTH YELLOW BRICK CORRELLING AND RED BRICK WITH NEW BRICK TO MATCH EXISTING. REPLACE EXISTING CHIMNEY CAPS WITH NEW PRECAST CONCRETE CAPS WITH INTEGRAL DRIP SLOTS.
3. REMOVE EXISTING APPLIED BITUMINOUS ROOFING MASTIC AND CLEAN BRICK SURFACES.
4. REMOVE AND REPLACE EXISTING CRACKED, BROKEN, SPALLED OR MISSING BRICK WITH NEW YELLOW AND RED BRICK TO MATCH EXISTING COLOR, SIZE AND TEXTURE AND AS SELECTED BY ARCHITECT.
5. REMOVE AND REPLACE EXISTING COPPER APRON, STEP COUNTERFLASHING AND HEAD FLASHING WITH NEW COPPER. ALL FLASHINGS SHALL INCLUDE RIVETED EDGES. SECURE FLASHING INTO MORTAR JOINTS WITH NEW LEAD WEDGES AND FILL JOINTS SOLID WITH NEW MORTAR.

PHOTO REFERENCE KEY



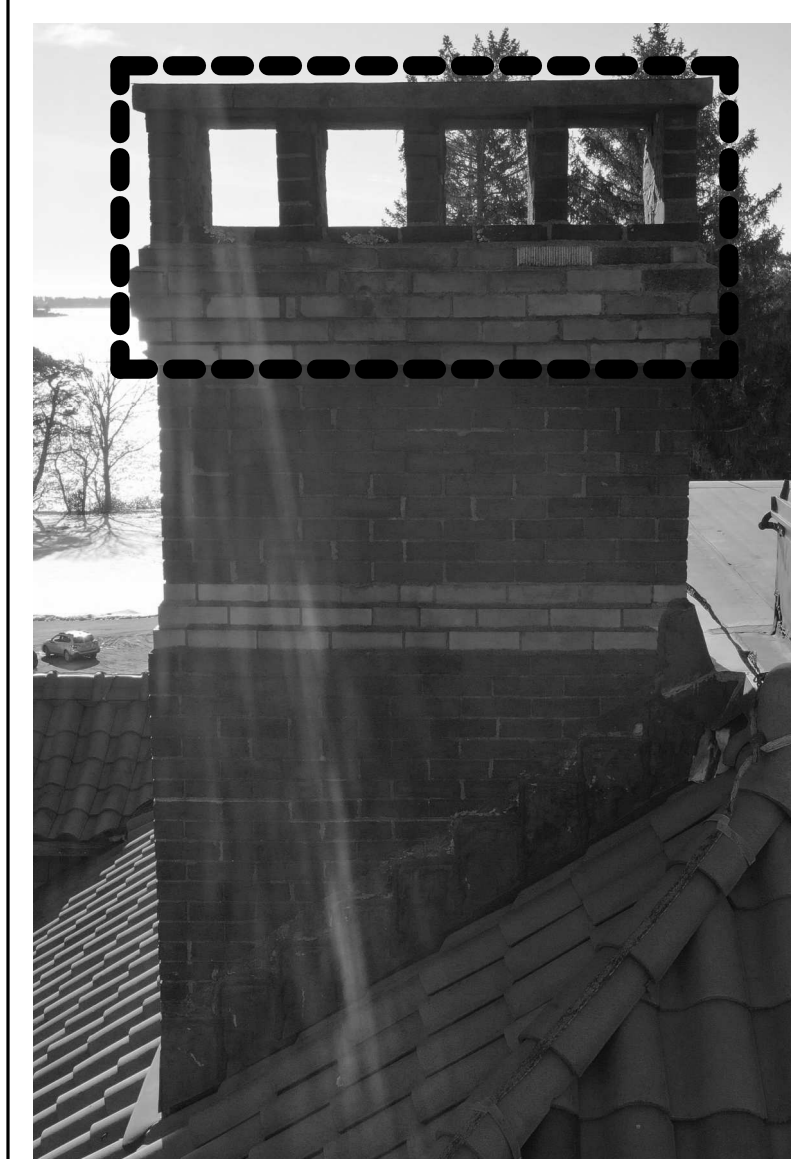
A1 EXISTING ROOF
SCALE: 1/8" = 1'-0"



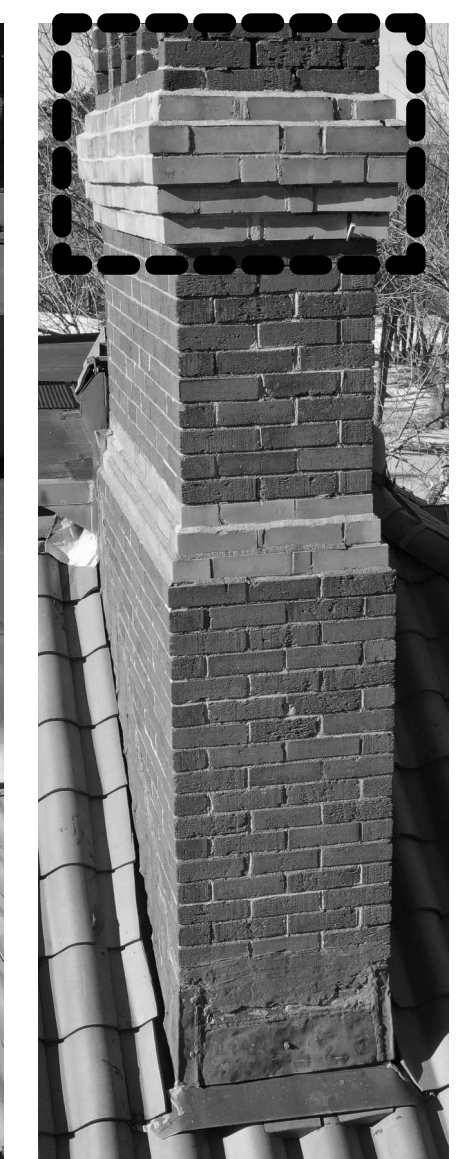
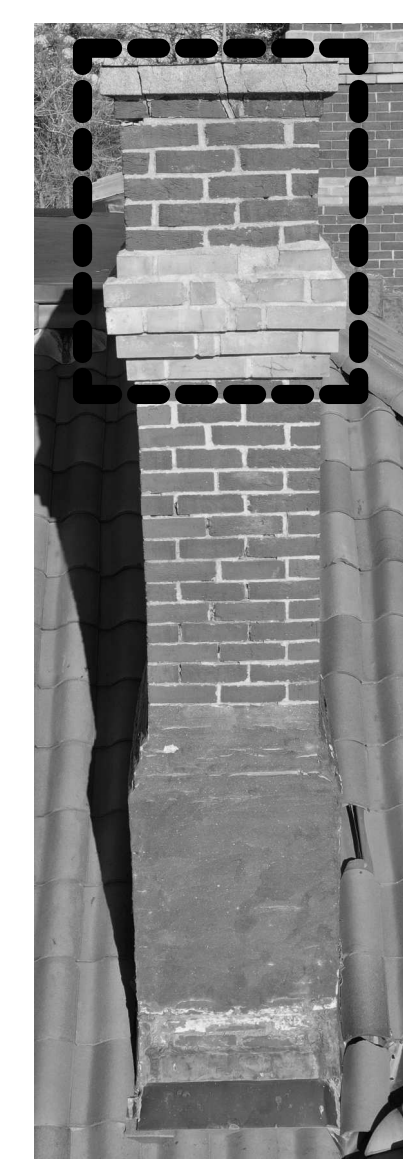
CHIMNEY 1



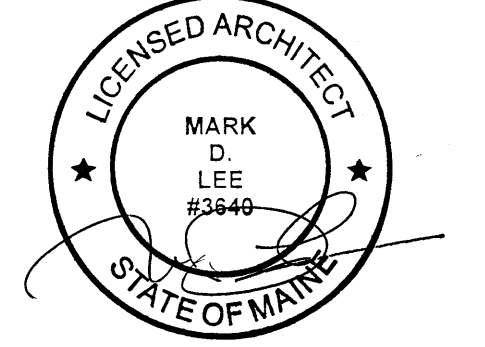
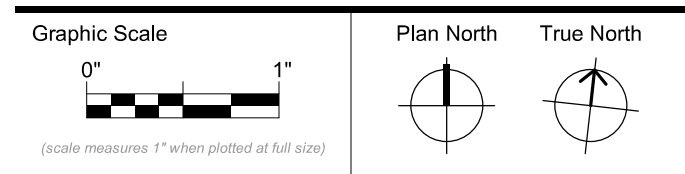
CHIMNEY 2



CHIMNEY 3



CHIMNEY 4



CONSTRUCTION DOCUMENTS

JULY 30, 2024

Revision Date	Revision Description

Drawn by: TCL

ADD ALT. 1 MANSION
CHIMNEY TEMPORARY
PRESERVATION

GENERAL ELECTRICAL NOTES

- A. ALL CONDUCTORS OPERATING AT 60 VOLTS OR GREATER SHALL BE IN RACEWAY. ALL RACEWAY WITHIN THE STRUCTURE ABOVE THE FLOOR SLAB SHALL BE METAL RACEWAY BELOW THE FLOOR SLAB AND UNDERGROUND RACEWAY OUTSIDE THE STRUCTURE SHALL BE PVC.
B. ALL LOW VOLTAGE CABLES OR CONDUCTORS OPERATING AT LESS THAN 50 VOLTS SHALL BE IN METAL RACEWAY.
C. COORDINATE LOCATIONS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND DETAILS. ARCHITECTURAL ELEVATIONS AND DETAILS TAKE PRECEDENCE OVER LOCATIONS SHOWN ON ELECTRICAL DRAWINGS. SEE ARCHITECTURAL ELEVATIONS FOR LOCATIONS OF ELECTRICAL DEVICES AT PATIENT BED HEADWALLS.
D. VERIFY LOCATIONS AND ROUGH-IN REQUIREMENTS OF ALL OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN.
E. CONDUIT AND WIRE SHALL NOT BE INSTALLED BELOW FLOOR SLAB UNLESS INDICATED ON PLAN BY DASHED CONDUIT.
F. CONTRACTOR SHALL BE RESPONSIBLE FOR WIRING ALL ELECTRICAL ITEMS SHOWN ON DRAWINGS.
G. FURNISH AND INSTALL CONDUIT FROM BACK BOXES TO UNDERGROUND PATHWAY FOR THE FOLLOWING DEVICES:
3/4" TELEPHONE OUTLETS
1" INFORMATION OUTLETS
3/4" FIRE ALARM DEVICES
H. ALL BRANCH WIRING SHALL BE MINIMUM #12 AWG COPPER IN EMT CONDUIT. FOR 120V-20A CIRCUITS, WIRE SIZE SHALL INCREASE TO #10 AWG FOR CIRCUITS OVER 100 FEET ONE WAY AND TO #8 AWG FOR CIRCUITS OVER 180 FEET ONE WAY. FOR 277V-20A CIRCUITS, WIRE SIZE SHALL INCREASE TO #10 AWG FOR CIRCUITS OVER 270 FEET ONE WAY.
J. THIS PROJECT SHALL BE COMPLETED IN ACCORDANCE WITH NEC 2023, OFFICIALLY ADOPTED BY THE STATE OF MAINE AS OF JULY 1ST, 2024.

ELECTRICAL ABBREVIATIONS LIST

Table with 4 columns: Abbreviation, Description, Abbreviation, Description, Abbreviation, Description. Includes terms like 1 POLE (2P, 3P, 4P, ETC.), AMPERE, ABOVE COUNTER OR AIR CONDITIONER, etc.

SPECIFIC CODE NOTES

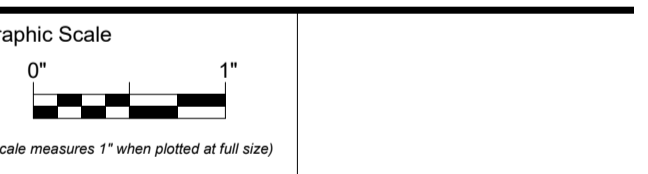
- FIRE PROTECTION REQUIREMENTS
A. PENETRATIONS IN WALLS REQUIRING PROTECTED OPENINGS MUST BE FIRE STOPPED WITH AN APPROVED MATERIAL.
1. CONDUITS MAY PENETRATE WALLS OR PARTITIONS, PROVIDED THEY ARE FIRE-STOPPED.
2. OPENINGS FOR STEEL ELECTRICAL BOXES NOT EXCEEDING 16 SQUARE INCHES ARE PERMITTED PROVIDED OPENINGS DO NOT AGGREGATE MORE THAN 100 SQUARE INCHES FOR ANY 100 SQUARE FEET OF WALL OR PARTITION.

ELECTRICAL SYMBOL LEGEND

Table with 4 columns: HEIGHT AFE, SYMBOL, DESCRIPTION, HEIGHT AFE, SYMBOL, DESCRIPTION. Lists symbols for various electrical components like switches, outlets, and lighting fixtures.

ELECTRICAL SYMBOL NOTES

- THE LIGHTING FIXTURE TYPE IS INDICATED BY AN UPPER CASE LETTER. THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER. THE SWITCH DESIGNATION IS INDICATED BY A LOWER CASE LETTER.
EXAMPLE 1: LIGHTING FIXTURE TYPE "A" IS CONNECTED TO CIRCUIT 12 AND CONTROLLED BY SWITCH "C".
EXAMPLE 2: THE FIXTURE TYPE SHOWN AS A NUMERATOR INDICATES ALL LIGHTING FIXTURES IN THE ROOM OR SPACE ARE THE SAME TYPE. THE CIRCUIT NUMBER AND SWITCH DESIGNATION SHOWN AS A DENOMINATOR INDICATES ALL LIGHTING FIXTURES IN THE ROOM OR SPACE ARE CONNECTED TO THE SAME CIRCUIT, CONTROLLED BY THE SAME SWITCHES, CENTER/OUTBOARD MULTILEVEL SWITCHING.
EXIT LIGHTS: STEM INDICATES WALL MOUNTING, NO STEM INDICATES CEILING MOUNTING. SHADED AREA INDICATES ILLUMINATED FACIES. ARROW INDICATES DIRECTIONAL ARROW ON ILLUMINATED FACIES. THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER. EXAMPLE: THE WALL MOUNTED EXIT LIGHT TYPE "E" WITH SINGLE FACE AND DIRECTIONAL ARROW IS CONNECTED TO CIRCUIT 14.
DEVICES: THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER. THE SWITCH DESIGNATION IS INDICATED BY A LOWER CASE LETTER. EXAMPLE: SPLIT DUPLEX RECEPTACLE IS CONNECTED TO CIRCUIT 16 AND ONE RECEPTACLE OUTLET IS CONTROLLED BY SWITCH "C".
THE CONTROL DEVICE DESIGNATION IS INDICATED BY A LOWER CASE LETTER. EXAMPLE: SINGLE POLE SWITCH "Q" TO CONTROL LIGHTING FIXTURES INDICATED BY "Q".
WALL BOX DIMMER WITH SIZE AS INDICATED AT DEVICE. EXAMPLE: 600 WATT WALL BOX DIMMER TO CONTROL LIGHTING FIXTURES INDICATED BY "Q". SEE SPECIFICATIONS FOR WATTAGE IF NOT INDICATED.
SPECIAL CONNECTIONS: THE EQUIPMENT IS INDICATED BY A NUMBER WITHIN OR ADJACENT TO THE MOTOR AND EQUIPMENT SCHEDULE FOR THE LOAD DESCRIPTION AND TYPE OF CONNECTION. THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER(S) ADJACENT TO THE SYMBOL. EXAMPLE: EQUIPMENT NO. 11, 3-PHASE CONNECTION TO CIRCUITS 1, 3, 5.
MOTOR CONNECTIONS: THE MOTOR IS INDICATED BY A NUMBER WITHIN OR ADJACENT TO THE MOTOR SYMBOL. SEE THE MOTOR AND EQUIPMENT SCHEDULE FOR THE MOTOR DESCRIPTION AND ELECTRICAL REQUIREMENTS. THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER(S) ADJACENT TO THE SYMBOL. EXAMPLE: MOTOR SF-1, 3-PHASE CONNECTION TO CIRCUITS 1, 3, 5.
ELECTRIC HEATER CONNECTIONS: THE HEATER TYPE IS INDICATED BY A NUMBER FOLLOWING THE UPPER CASE LETTERS "H". SEE THE HEATER SCHEDULE FOR ELECTRICAL REQUIREMENTS. THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER(S) ADJACENT TO THE HEATER. EXAMPLE: ELECTRIC BASEBOARD HEATER TYPE "H1" CONNECTED TO CIRCUITS 7, 9.
TRANSFORMERS: THE TRANSFORMER TYPE IS INDICATED BY A NUMBER FOLLOWING THE UPPER CASE LETTER "T". SEE THE TRANSFORMER SCHEDULE OR THE SINGLE LINE DIAGRAM FOR THE TRANSFORMER DESCRIPTION AND REQUIREMENTS. EXAMPLE: TRANSFORMER TYPE "T1".
PANELBOARDS: PANELBOARD DOORS MAY BE SHOWN TO INDICATE OPENING SIDE OF RECESSED PANELBOARDS. SEE PANELBOARD IDENTIFICATION FOR DESIGNATION CODES.
SPECIAL NOTE: SEE THE SPECIAL NOTES ON THAT SHEET FOR THE NOTE NUMBER INDICATED IN THE HEXAGON.
HOME RUN TO BRANCH CIRCUIT PANELBOARD, CIRCUIT BREAKER SIZES (AMPS/NUMBER OF POLES) ARE SHOWN IN THE PANELBOARD SCHEDULE WITH THE CORRESPONDING PANELBOARD AND CIRCUIT DESIGNATION. EXAMPLE: HOME RUN TO PANELBOARD LPN, CIRCUITS 1, 3, 5.
DEVICE CIRCUIT DESIGNATION, TYPICAL ALL ELECTRICAL DEVICES, CIRCUIT BREAKER SIZES (AMPS/NUMBER OF POLES) ARE SHOWN IN THE PANELBOARD SCHEDULE WITH THE CORRESPONDING PANELBOARD AND CIRCUIT DESIGNATION. EXAMPLE: PANELBOARD LPN, CIRCUIT 1.
LINEWEIGHT INDICATES EXISTING TO REMAIN.
LINEWEIGHT INDICATES NEW WORK.
--- LINEWEIGHT INDICATES DEMOLISH.



CONSTRUCTION DOCUMENTS

JULY 30, 2024

Table with 2 columns: Revision Date, Revision Description. Includes a blank row for additional revisions.

Drawn by: CLH

ELECTRICAL SYMBOLS AND ABBREVIATIONS

GENERAL NOTES

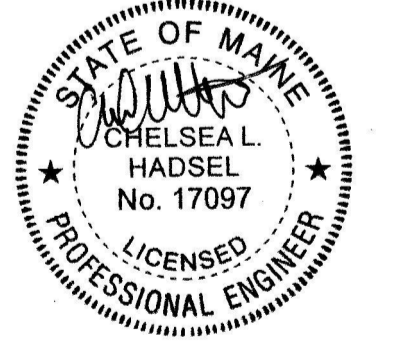
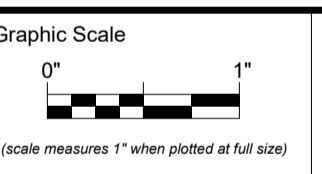
1. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PHASES OF DEMOLITION AND CONSTRUCTION. COORDINATE WITH GENERAL CONSTRUCTION.
2. DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES AND LIGHTING FIXTURES IN DEMOLITION AREAS UNLESS NOTED OTHERWISE.
3. COORDINATE AND VERIFY REQUIREMENTS WITH NEW WORK IN AREA.
4. FURNISH AND INSTALL CONDUIT AND WIRE AS NECESSARY FOR CONTINUITY OF ANY FEEDERS OR BRANCH CIRCUITS ORIGINATING OUTSIDE THE DEMOLITION AREA THAT SERVES ANY ELECTRICAL EQUIPMENT OR DEVICES TO REMAIN AFTER DEMOLITION. MODIFY OR REPLACE AS REQUIRED.
5. FURNISH AND INSTALL CONDUIT AND/OR COMMUNICATIONS DATA WIRING AS NECESSARY FOR CONTINUITY OF ANY WIRING ORIGINATING OUTSIDE THE DEMOLITION AREA THAT SERVES ANY COMMUNICATIONS DATA EQUIPMENT OR DEVICES TO REMAIN AFTER DEMOLITION. MODIFY OR REPLACE AS REQUIRED.
6. FURNISH AND INSTALL BLANK COVER PLATES OVER ALL EXISTING UNUSED OPENINGS.
7. UNDERGROUND ROUTING OF ELECTRICAL CONDUIT AND WIRES IS UNKNOWN. PROVIDE CIRCUIT TRACING TO NEARBY BUILDINGS TO CONFIRM CIRCUIT ORIGIN AND MAXIMUM CAPACITY OF BREAKER SERVING EXISTING WIRES.

KEY NOTES

- D01 DEMOLISH ALL ELECTRICAL DEVICES, WIRE, CONDUIT, ELECTRICAL PANELS, TRANSFORMERS, FIRE ALARM DEVICES AND PANELS, AND EQUIPMENT CONNECTIONS IN BUILDING. PULL SOURCE FEEDERS BACK TO BUILDINGS TO REMAIN AND DISCONNECT, LABEL, SOURCE BREAKERS AS SPARE, CMP TRANSFORMERS IN VAULTS TO BE DISCONNECTED, REMOVED, AND RETURNED TO CMP.



A1 ELECTRICAL SITE PLAN - PHASE 1 - DEMO
SCALE: 1" = 50'-0"



CONSTRUCTION DOCUMENTS

JULY 30, 2024

Revision Date	Revision Description

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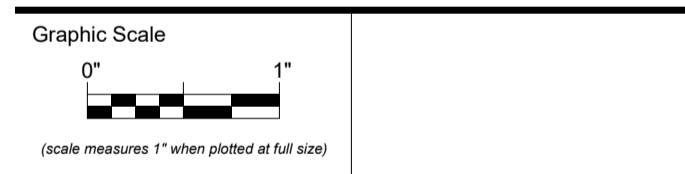
**ELECTRICAL SITE PLAN
DEMOLITION**

GENERAL NOTES

- 1 ALL LIGHTING AND POWER CONDUCTORS SHALL BE INSTALLED BETWEEN 24" (MINIMUM) AND 36" (MAXIMUM) BELOW FINISHED GRADE.
- 2 ALL COMMUNICATIONS CONDUIT AND CABLES SHALL BE INSTALLED 36" (MINIMUM) BELOW FINISHED GRADE.
- 3 ALL CONDUCTORS FOR EXTERIOR LIGHTING AND POWER CIRCUITS SHALL BE #10 AWG MINIMUM.
- 4 PROVIDE TRANSFORMER BASE AT ALL POLE MOUNTED FIXTURES. TAP 2 LEGS OF THREE PHASE FEEDER (CIRCUITS DENOTED). PROVIDE BALLAST FUSES AT TAP AND PROVIDE BRANCH CIRCUITS TO FIXTURES.



1 ELECTRICAL SITE PLANE - PHASE 1
SCALE: 1" = 40'-0"



CONSTRUCTION DOCUMENTS

JULY 30, 2024

Revision Date	Revision Description

Drawn by: CLH

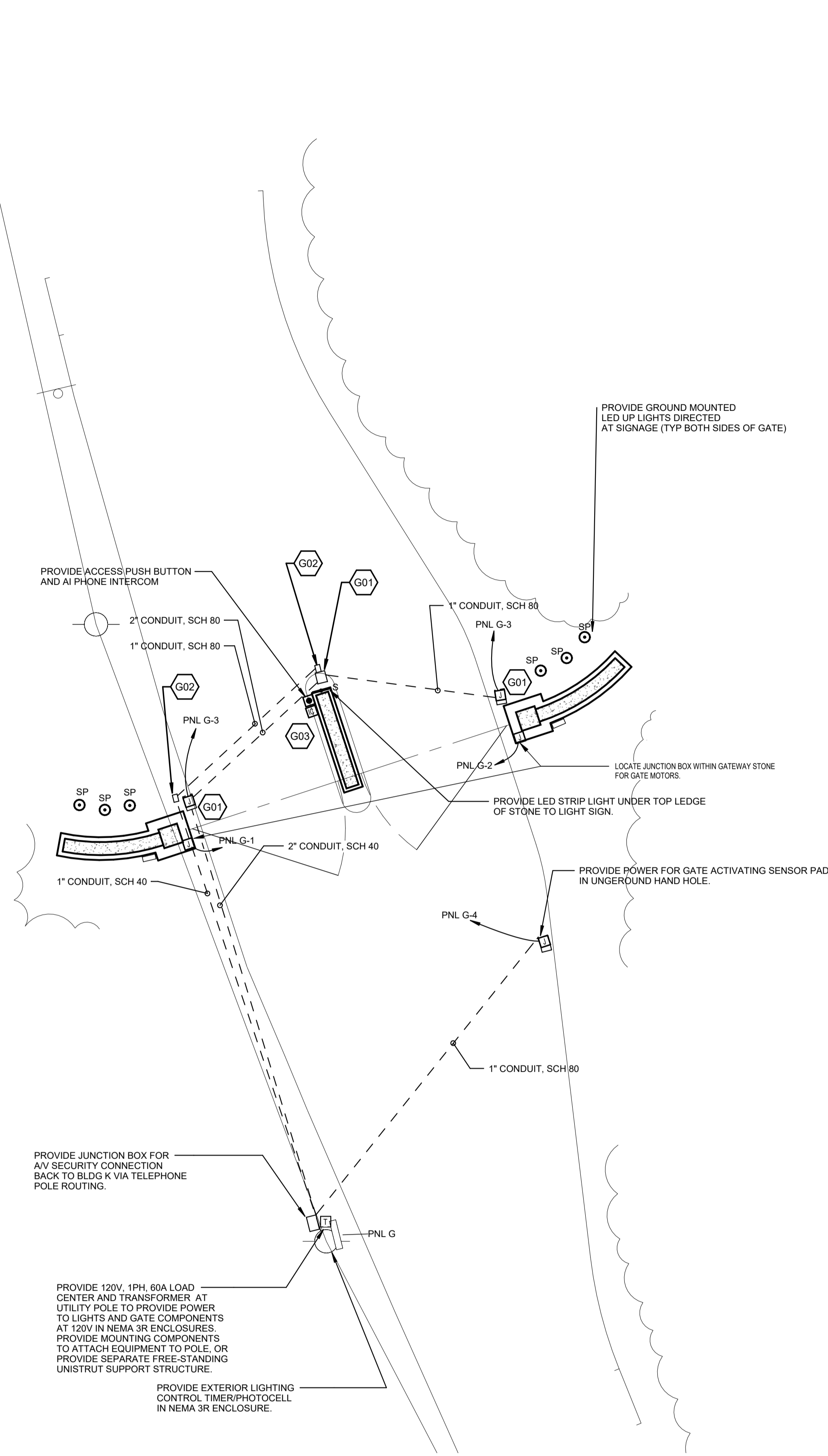
ELECTRICAL SITE PLAN

GENERAL NOTES

- WHERE CONNECTED TO A GSA BRANCH CIRCUIT SUPPLYING AN INDIVIDUAL RECEPTACLE (SIMPLEX OR DUPLEX), THE RECEPTACLE SHALL BE RATED AT GSA.
- CIRCUIT WIRING IS NOT SHOWN EXCEPT FOR SWITCHING INTENT OF FIXTURES AND CONTROL OF DEVICES.
- PROVIDE PROPER NUMBER OF CONDUCTORS TO ACHIEVE CIRCUITING AND SWITCHING SHOWN. THE SHARING OF NEUTRALS IS PROHIBITED.
- ALL IN GROUND CONDUIT TO BE DIRECT BURIED AT A MINIMUM DEPTH OF 24" BELOW GRADE.

KEY NOTES

- G01 PROVIDE HANDHOLE IN GROUND FLUSH WITH GRADE LEVEL FOR CONNECTIONS TO LIGHTING AND GATE COMPONENTS, INCLUDING, BUT NOT LIMITED TO, LIGHT FIXTURE REMOTE DRIVERS, GATE MOTOR AND CONTROLLER, AND SENSOR PAD. AC TO DC TRANSFORMERS FOR LOW VOLTAGE COMPONENTS ARE PROVIDED BY THE EQUIPMENT MANUFACTURERS.
- G02 PROVIDE HANDHOLE IN GROUND FLUSH WITH GRADE LEVEL FOR TELCOMM CONNECTIONS TO GATE TELCOMM AND SECURITY EQUIPMENT.
- G03 CONTRACTOR IS RESPONSIBLE FOR PROVIDING TELCOMM CONNECTION FROM GATE SECURITY PUSH BUTTON AND AI PHONE TO BUILDING 1 AND BUILDING A MANSION. AI PHONE TO RING BACK TO THESE LOCATIONS. COORDINATE WITH OWNER FOR EXACT FUNCTIONALITY. GATEWAY LOCK TO UTILIZE EXISTING CAMPUS FOB SYSTEM. COORDINATE WITH OWNER AND ARCHITECT FOR ADDITIONAL DETAILS. GATE TO LOCK AUTOMATICALLY AT 8PM.



LIGHTING FIXTURE SCHEDULE - GATE

NOTES:
1. ALL FIXTURES SHALL BE FURNISHED COMPLETE WITH ALL HARDWARE, LAMPS, HANGERS, FITTINGS, ETC. FOR A COMPLETE AND PROPER INSTALLATION.

TYPE	DESCRIPTION	LENS	MOUNTING	LAMP	VOLT	WATT	MFR	CATALOG SERIES	NOTES	APPROVED MANUFACTURERS
S	SURFACE MOUNTED LINEAR STRIP LIGHT - 1 WFT, 90 CRI, 3000K, WHITE OR GREY FINISH, EXTERIOR RATED	LOW GLOSS WHITE	SURFACE	LED	24 V	2 W	ACOLYTE	RB-90-SWMC65-1018	FIELD CUT TO MATCH WIDTH OF CENTRAL PIER	APPROVED EQUALS
SP	IN GROUND SIGN UP LIGHT 3000K, OUTDOOR/WET LOCATION RATED, BLACK OR GREY FINISH, 180 LUMENS	CLEAR TEMPERED GLASS	GROUND	LED	12 V	3 W	ALCON	9013-GM-MS12-UWC		APPROVED EQUALS

Branch Panel: PNL G

Location: _____ Volts: 208Y/120 A.I.C. Rating: 22 KA/IC
 Supply From: _____ Phases: 3 Mains Type: MCB
 Mounting: Recessed Wires: 4 Mains Rating: 60 A
 Enclosure: Type 1 MCB Rating: 60 A

Notes:

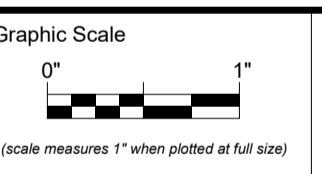
CKT	Load Name	Wire Size	Trip	Poles	A	B	C	Poles	Trip	Wire Size	Load Name	CKT
1	GATE - MOTOR 1	2 #12 + #12G	15 A	1	100 VA	100 VA			1	15 A	GATE - MOTOR 2	2
3	GATE - LIGHTS	2 #12 + #12G	20 A	1		100 VA	100 VA		1	15 A	GATE - SENSOR	4
5	SPARE	15 A	1				0 VA	0 VA		1	SPARE	6
7	SPARE	15 A	1	0 VA	0 VA				1	15 A	SPARE	8
9	SPARE	15 A	1			0 VA	0 VA		1	15 A	SPARE	10
11	SPARE	15 A	1				0 VA	0 VA	1	15 A	SPARE	12
					Total Load:	200 VA	200 VA	0 VA				
					Total Amps:	2 A	2 A	0 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
LIGHTING - EXTERIOR	100 VA	100.00%	100 VA	
MISCELLANEOUS	300 VA	100.00%	300 VA	
				Total Conn. Load: 400 VA
				Total Est. Demand: 400 VA
				Total Conn.: 1 A
				Total Est. Demand: 1 A

Notes:
PROVIDE NEMA 3R RATED ENCLOSURE WITH GFCI BREAKERS.

A1 ELECTRICAL SITE PLAN - PHASE 1 - ENLARGED
SCALE: 1/8" = 1'-0"



CONSTRUCTION DOCUMENTS

JULY 30, 2024

Revision Date	Revision Description

Drawn by: CLH

ELECTRICAL ENLARGED
SITE PLANS