

CUMBERLAND COUNTY CIVIC CENTER RENOVATIONS

PORTLAND, MAINE

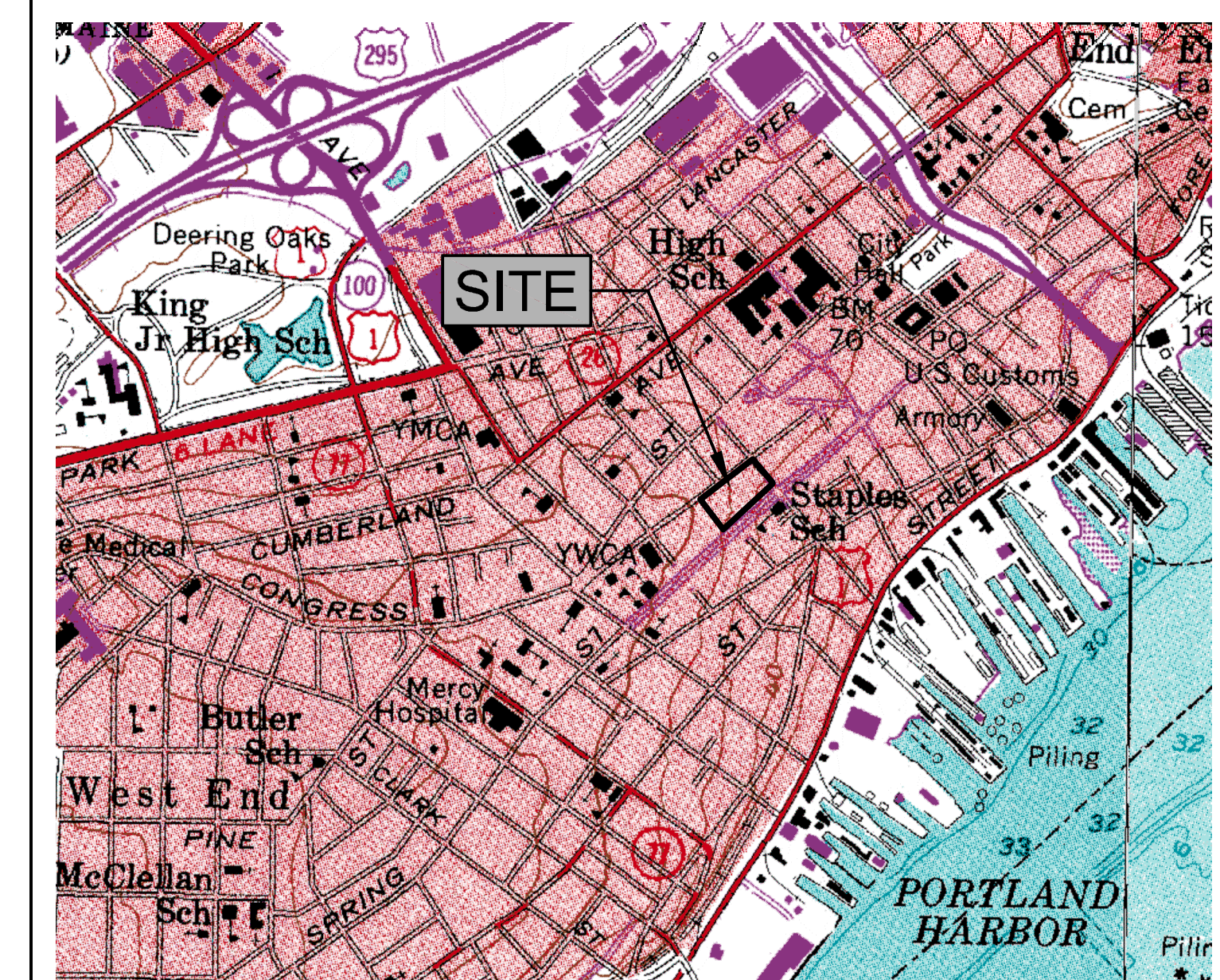


SOUTHEAST ENTRANCE

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LOCATION MAP

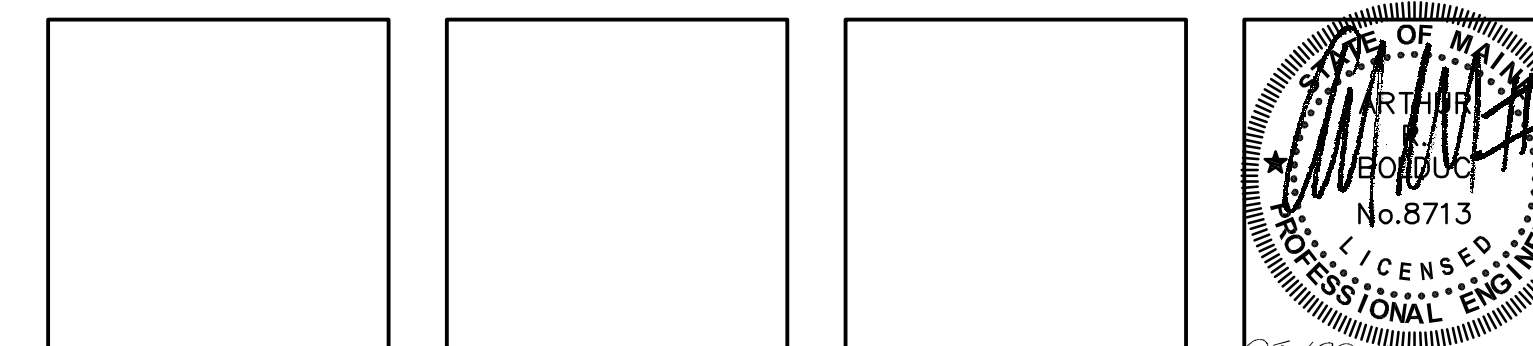
SCALE: 1"=1000'

APPLICANT: CIVIC CENTER TRUSTEES
1 CIVIC CENTER SQUARE
PORTLAND, MAINE 04101

WBRC 
ARCHITECTS • ENGINEERS

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SPORTS



APPROVAL DRAWINGS
05.29.12
NOT FOR CONSTRUCTION

SIGNATURE	DATE
OWNER : _____	_____
ARCHITECT : _____	_____
CONTRACTOR : _____	_____

COMM. No.
3757.00

SHEET No.
GI001

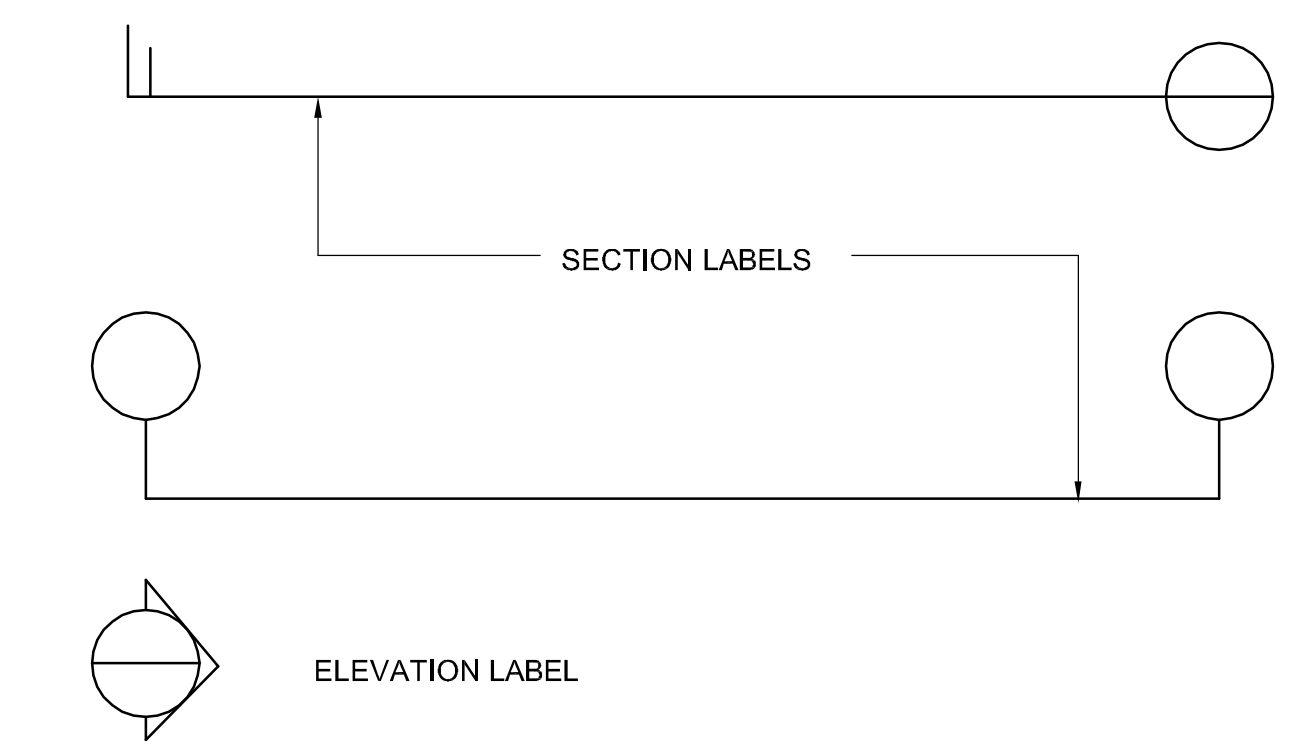
UTILITY NOTES

- E1 ALL UNDERGROUND SECONDARY SHALL BE RUN IN SCH. 40 CONDUIT UNLESS SPECIFIED OTHERWISE.
- E2 ALL UNDERGROUND ELECTRICAL FOR SITE LIGHTING SHALL BE RUN IN SCH. 40 P.V.C. CONDUIT.
- E3 ALL CABLE TELEVISION / TELEPHONE LINES SHALL BE RUN IN SCH. 40 P.V.C. CONDUIT.
- E4 PROVIDE PULL WIRE IN ALL UNDERGROUND CONDUITS.
- E5 MAINTAIN 2" - 6" COVER OVER CABLE TELEVISION/TELEPHONE.
- S1 WHERE NEW WATER AND SEWER RUN SIDE BY SIDE, MAINTAIN A TEN FOOT (10') HORIZONTAL SEPARATION. WHERE THEY CROSS, MAINTAIN AN EIGHTEEN INCH (1 1/2") VERTICAL SEPARATION, WITH WATERLINE ABOVE SEWER. IF WITHIN 18" MIN. VERTICAL SEPARATION, ENCASE WATERLINE 10" EITHER SIDE OF SEWER IN CONC. 3,000 PSI MIN.
- S2 SEWER SERVICE, WHEN ENTERING THE BUILDING, SHALL BE 6" - 0" BELOW FINISH FLOOR, UNLESS NOTED OTHERWISE.
- W1 MAINTAIN A 5" - 6" MINIMUM COVER OVER WATER LINE.
- U1 THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- U2 THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCHING AND BACKFILLING OF ALL CONDUIT, CONDUIT AND WIRING SHALL BE SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR.
- U3 PRIOR TO ANY EARTHWORK ACTIVITIES, THE CONTRACTOR SHALL CONTACT CONTROLLING UTILITY CO., OR CALL "DIGSAFE" AT 1-800-225-4977. ANY UTILITIES ENCOUNTERED THAT ARE TO REMAIN IN PLACE OR TO BE ABANDONED SHALL BE DISCONNECTED AND TERMINATED IN ACCORDANCE WITH THE CONTROLLING UTILITY CO. AND NATIONALLY OR LOCALLY APPLICABLE CODES AND ORDINANCES.
- U4 NO UTILITY TRENCH SHALL BE BACKFILLED UNTIL WORK HAS BEEN INSPECTED AND APPROVED BY PROJECT ENGINEER AND CONTROLLING UTILITY CO. OR DISTRICT
- U5 ALL SANITARY SEWER LINE TO BE SDR 35 PVC MEETING ALL PERFORMANCE CHARACTERISTICS OF ASTM D3034. ALL PIPES AND FITTINGS SHALL HAVE PUSH-ON JOINTS WITH RUBBER GASKETS CONFORMING TO ASTM D1869 AND F477.
- U6 ALL NEW WATER SERVICE LINE SHALL BE TYPE K COPPER MEETING ALL PERFORMANCE CHARACTERISTICS OF ASTM B-88-62 FOR TYPE K COPPER. ALL FITTINGS SHALL BE COMPRESSION TYPE.
- U7 ALL NEW WATER SPRINKLER SERVICE SHALL BE CLASS 52 DUCTILE IRON MEETING ALL PERFORMANCE CHARACTERISTICS OF THE LATEST VERSION OF ASTM AND AWWA.
- U8 THE FOLLOWING UTILITY COMPANIES ARE LOCATED WITHIN THE PROJECT SITE:
 - PORTLAND WATER DISTRICT
 - CITY OF PORTLAND SEWER DIVISION
 - CENTRAL MAINE POWER
 - FAIR POINT COMMUNICATIONS
 - TIME WARNER

SPOT ELEVATION REFERENCE INDEX

SYMBOLS

	BITUMINOUS PAVEMENT SECTION
	TOPSOIL, LOAM AND SEED, SOD
	GRANULAR FILL MATERIAL
	COARSE AGGREGATE
	UNDISTURBED NATIVE SOIL
	CONCRETE SECTION
	GENERAL FILL MATERIAL
	SAND OR STONE DUST, CONCRETE (PLAN)
	RIGID INSULATION
	STEEL, CAST IRON



REMOVALS NOTES

- R1 THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL UTILITIES AND SHALL NOTIFY THE ARCHITECT OF UTILITIES DEVIATING FROM THOSE SHOWN ON THIS PLAN
- R2 THE CONTRACTOR SHALL MEET THE REQUIREMENTS OF THE UTILITY COMPANIES WHEN INSTALLING WORK ON OR NEAR THEIR POLES.
- R3 REMOVE ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED MARKINGS.
- R4 ALL DEMOLITION DEBRIS AND REMOVALS SHALL BE DISPOSED OF OFFSITE AND IN CONFORMANCE WITH LOCAL AND STATE ORDINANCES
- R5 TREE CANOPY AS SHOWN ON PLANS ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED BY THE SITE CONTRACTOR

LAYOUT NOTES

- L1 THE CONTRACTOR SHALL NOTIFY THE OWNER/ARCHITECT OF CONDITIONS VARYING FROM THOSE SHOWN ON THE DRAWING SHEET PRIOR TO CONTINUING WORK.
- L2 THE CONTRACTOR SHALL EMPLOY A REGISTERED LAND SURVEYOR IN THE LAYOUT OF BUILDING, DRIVES AND SITE ELEMENTS.
- L3 THE CONTRACTOR SHALL VERIFY AND CLEARLY MARK LOCATION OF ALL PROPERTY LINES PRIOR TO COMMENCING WORK.

GRADING NOTES

- G1 TOPOGRAPHIC INFORMATION BASED ON A SURVEY BY SHYKA, SHEPPARD & GARSTER LAND SURVEYORS.
- G2 BOUNDARY INFORMATION BASED ON A SURVEY BY SHYKA, SHEPPARD & GARSTER LAND SURVEYORS.
- G3 ALL ELEVATIONS SHOWN HEREIN ARE BASED ON A SURVEY BY SHYKA, SHEPPARD & GARSTER LAND SURVEYORS.
- G4 ALL TOPSOIL AND ORGANICS SHALL BE REMOVED FROM PAVEMENT AND BUILDING AREAS PRIOR TO CONSTRUCTION. THIS MATERIAL SHALL NOT BE USED AS GENERAL SITE FILL.
- G5 FINISH GRADES ONE FOOT FROM BUILDING SHALL BE 8" BELOW FINISH FLOOR UNLESS OTHERWISE NOTED.
- G6 FINISH GRADES OF SIDEWALKS AT PUMPING ENTRANCES SHALL BE FLUSH WITH FINISH FLOOR UNLESS OTHERWISE NOTED
- G7 TEST PIT LOCATIONS ARE APPROXIMATE-REFER TO S.W. COLE ENGINEERING INC. GEOTECHNICAL REPORT BOUND INTO SPECIFICATIONS. BORING LOGS ARE INCLUDED IN DRAWING SET.
- G8 ALL DISTURBED AREAS NOT RECEIVING PAVEMENT, BUILDING, STONE DUST, COURSE AGGREGATE, ETC. SHALL RECEIVE 6" OF LOAM AND SEED UNLESS OTHERWISE NOTED.

6. WINTER CONSTRUCTION. "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 FROM THEM MUST BE CONTROLLED BY ADDITIONAL MEASURES AND RESTRICTIONS.

SPECIFICATIONS:
 NATURAL RESOURCE PROTECTION ANY AREAS WITHIN 100 FEET FROM ANY NATURAL RESOURCES, IF NOT STABILIZED WITH A MINIMUM OF 75% MATURE VEGETATION CATCH, SHALL BE MULCHED BY DECEMBER 1 AND ANCHORED WITH PLASTIC NETTING OR PROTECTED WITH AN EROSION CONTROL COVER. DURING WINTER CONSTRUCTION, A DOUBLE ROW OF SEDIMENT BARRIERS (I.E. SILT FENCE BACKED WITH HAY BALES OR DISTURBED EROSION CONTROL MIX) WILL BE PLACED AT ANY NATURAL RESOURCE AND THE DISTURBED AREA. PROJECTS CROSSING THE NATURAL RESOURCE SHALL BE PROTECTED A MINIMUM DISTANCE OF 100 FEET ON EITHER SIDE FROM THE RESOURCE. EXISTING PROJECTS NOT STABILIZED BY DECEMBER 1 SHALL BE PROTECTED WITH THE SECOND LINE OF SEDIMENT BARRIER TO ENSURE FUNCTIONALITY DURING THE SPRING THAW AND RAINS. SEDIMENT BARRIERS DURING FROZEN CONDITIONS. SEDIMENT BARRIERS MAY CONSIST OF EROSION CONTROL MIX BERMS OR ANY OTHER RECOGNIZED SEDIMENT BARRIERS AS FROZEN SOIL PREVENTS THE PROPER INSTALLATION OF HAY BALES OR SILT FENCES.

MULCHING ALL AREA SHALL BE CONSIDERED TO BE DENUDED UNTIL SEEDED AND MULCHED. HAY AND STRAW MULCH SHALL BE APPLIED AT A RATE OF 150 LB. PER 1,000 SQUARE FEET OR 3 TONS/ACRE (TWICE THE NORMAL ACCEPTED RATE OF 75-100 LB. PER 1,000 S.F. OR 1.5 TONS/ACRE) AND SHALL BE PROPERLY ANCHORED. EROSION CONTROL MIX MUST BE APPLIED WITH A MINIMUM 4-INCH THICKNESS. MULCH SHALL NOT BE SPREAD ON TOP OF SNOW. THE SNOW WILL BE REMOVED DOWN TO A ONE-INCH DEPTH OR LESS PRIOR TO APPLICATION. AFTER EACH DAY OF FINAL GRADING, THE AREA WILL BE PROPERLY STABILIZED WITH ANCHORED HAY OR STRAW OR EROSION CONTROL MATTING. AN AREA SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHEN EXPOSED SURFACES HAVE BEEN EITHER MULCHED OR ADEQUATELY ANCHORED SO THAT GROUND SURFACE IS NOT VISIBLE THROUGH THE MULCH, BETWEEN THE DATES OF NOVEMBER 1 AND APRIL 15, ALL MULCH SHALL BE ANCHORED BY EITHER MULCH NETTING, ASPHALT EMULSION CHEMICAL, TRACKING OR WOOD CELLULOSE FIBER. THE COVER WILL BE CONSIDERED SUFFICIENT WHEN THE GROUND SURFACE IS NOT VISIBLE THROUGH THE MULCH. AFTER NOVEMBER 1ST, MULCH AND ANCHORING OF ALL EXPOSED SOIL SHALL OCCUR AT THE END OF EACH FINAL GRADING WORKDAY.

SOIL STOCKPILING STOCKPILES OF SOIL OR SUBSOIL WILL BE MULCHED FOR OVER WINTER PROTECTION WITH HAY OR STRAW AT TWICE THE NORMAL RATE OR WITH A FOUR-INCH LAYER OF EROSION CONTROL MIX. THIS WILL BE DONE WITHIN 24 HOURS OF STOCKING AND RE-ESTABLISHED PRIOR TO ANY RAINFALL OR SNOWFALL. ANY SOIL STOCKPILE WILL NOT BE PLACED (EVEN COVERED WITH MULCH) WITHIN 100 FEET FROM ANY NATURAL RESOURCES.

SEEDING BETWEEN THE DATES OF OCTOBER 15 AND APRIL 1ST, LOAM OR SEED WILL NOT BE REQUIRED. DURING PERIODS OF ABOVE FREEZING TEMPERATURES FINISHED AREAS SHALL BE FINE GRADED AND EITHER PROTECTED WITH MULCH OR TEMPORARILY SEEDED AND MULCHED UNTIL SUCH TIME AS THE FINAL TREATMENT CAN BE APPLIED. IF THE DATE IS AFTER NOVEMBER 1ST AND IF THE EXPOSED AREA HAS BEEN LOOSED, FINAL GRADED WITH A UNIFORM SURFACE. THEN THE AREA MAY BE DORMANT SEEDED AT A RATE OF 3 TIMES HIGHER THAN SPECIFIED FOR PERMANENT SEED AND THEN MULCHED. DORMANT SEEDING MAY BE PLACED PRIOR TO THE PLACEMENT OF MULCH OR EROSION CONTROL BLANKETS. IF DORMANT SEEDING IS USED FOR THE SITE, ALL DISTURBED AREAS SHALL RECEIVE 6" OF LOAM AND SEED AT AN APPLICATION RATE OF 500/1000 S.F. ALL AREAS SEEDED DURING THE WINTER WILL BE INSPECTED IN THE SPRING FOR ADEQUATE CATCH. ALL AREAS INSUFFICIENTLY VEGETATED (LESS THAN 75% CATCH) SHALL BE REVEGETATED BY REPLACING LOAM, SEED AND MULCH. IF DORMANT SEEDING IS NOT USED FOR THE SITE, ALL DISTURBED AREAS SHALL BE REVEGETATED IN THE SPRING.

OVERWINTER STABILIZATION OF DITCHES AND CHANNELS ALL STONE-LINED DITCHES AND CHANNELS MUST BE CONSTRUCTED AND STABILIZED BY NOVEMBER 15. ALL GRASS-LINED DITCHES AND CHANNELS MUST BE CONSTRUCTED AND STABILIZED BY SEPTEMBER 1. IF A DITCH OR CHANNEL IS NOT GRASS-LINED BY SEPTEMBER 1, THEN ONE OF THE FOLLOWING ACTIONS MUST BE TAKEN TO STABILIZE THE DITCH FOR LATE FALL AND WINTER. INSTALL A SOD LINING IN THE DITCH: A DITCH MUST BE LINED WITH PROPERLY INSTALLED SOD BY OCTOBER 1. PROPER INSTALLATION INCLUDES: PINNING THE SOD ONTO THE SOIL WITH WIRE PINS, ROLLING THE SOD TO GUARANTEE CONTACT BETWEEN THE SOD AND UNDERLYING SOIL, WATERING THE SOD TO PROMOTE ROOT GROWTH INTO THE DISTURBED SOIL, AND ANCHORING SOD AT THE BASE OF THE DITCH WITH COT OR PLASTIC MESH TO PREVENT THE SOD FROM SLOUGHING DURING FLOW CONDITIONS. INSTALL A STONE LINING IN THE DITCH: A DITCH MUST BE LINED WITH STONE RIPRAP BY NOVEMBER 15. A REGISTERED PROFESSIONAL ENGINEER MUST BE HIRED TO DETERMINE THE STONE SIZE AND LINING THICKNESS NEEDED TO WITHSTAND THE ANTICIPATED FLOW VELOCITIES AND FLOW DEPTHS WITHIN THE DITCH. IF NECESSARY, THE CONTRACTOR WILL REGRADE THE DITCH PRIOR TO PLACING THE STONE LINING SO TO PREVENT THE STONE LINING FROM REDUCING THE DITCH'S CROSS-SECTIONAL AREA.

OVERWINTER STABILIZATION OF DISTURBED SLOPES ALL STONE-COVERED SLOPES MUST BE CONSTRUCTED AND STABILIZED BY NOVEMBER 15, AND ALL SLOPES TO BE VEGETATED MUST BE SEEDED AND MULCHED BY SEPTEMBER 1. THE DEPARTMENT WILL CONSIDER ANY AREA HAVING A GRADE GREATER THAN 15% TO BE A SLOPE. IF A SLOPE TO BE VEGETATED IS NOT STABILIZED BY SEPTEMBER 1, THEN ONE OF THE FOLLOWING ACTIONS MUST BE TAKEN TO STABILIZE THE SLOPE FOR LATE FALL AND WINTER. STABILIZE THE SOIL WITH TEMPORARY VEGETATION AND EROSION CONTROL MATS - BY OCTOBER 1 THE DISTURBED SLOPE MUST BE SEEDED WITH WINTER RYE AT A SEEDING RATE OF 3 POUNDS PER 1000 SQUARE FEET AND THEN INSTALLED EROSION CONTROL MATS OR ANCHORED MULCH OVER THE SEEDING. IF THE RYE FAILS TO GROW AT LEAST THREE INCHES OR FAILS TO COVER AT LEAST 75% OF THE SLOPE BY NOVEMBER 1, THEN THE CONTRACTOR WILL COVER THE SLOPE WITH A LAYER OF EROSION CONTROL MIX OR WITH STONE RIPRAP AS DESCRIBED IN THE FOLLOWING STANDARDS. STABILIZE THE SOIL WITH SOD - THE DISTURBED SLOPE MUST BE STABILIZED WITH PROPERLY INSTALLED SOD BY OCTOBER 1. PROPER INSTALLATION INCLUDES THE CONTRACTOR PINNING THE SOD ONTO THE SLOPE WITH WIRE PINS, ROLLING THE SOD TO GUARANTEE CONTACT BETWEEN THE SOD AND UNDERLYING SOIL, AND WATERING THE SOD TO PROMOTE ROOT GROWTH INTO THE DISTURBED SOIL. THE CONTRACTOR WILL NOT USE LATE-SEASON SOD INSTALLATION TO STABILIZE SLOPES HAVING A GRADE GREATER THAN 33% (3H:1V) OR HAVING GROUNDWATER SEEPS ON THE SLOPE FACE. STABILIZE THE SOIL WITH EROSION CONTROL MIX - EROSION CONTROL MIX MUST BE PROPERLY INSTALLED BY NOVEMBER 15. THE CONTRACTOR WILL NOT USE EROSION CONTROL MIX TO STABILIZE SLOPES HAVING GRADES GREATER THAN 50% (2H:1V) OR HAVING GROUNDWATER SEEPS ON THE SLOPE FACE. STABILIZE THE SOIL WITH STONE RIPRAP - PLACE A LAYER OF STONE RIPRAP ON THE SLOPE BY NOVEMBER 15. THE DEVELOPER'S OWNER WILL HIRE A REGISTERED PROFESSIONAL ENGINEER TO DETERMINE THE STONE SIZE NEEDED FOR STABILITY ON THE SLOPE AND TO DESIGN A FILTER LAYER OR UNDERDRAIN THE RIPRAP.

OVERWINTER STABILIZATION OF DISTURBED SOILS BY SEPTEMBER 15, ALL DISTURBED SOILS ON AREAS HAVING A SLOPE LESS THAN 15% MUST BE SEEDED AND MULCHED. IF THE DISTURBED AREAS ARE NOT STABILIZED BY THIS DATE, THEN ONE OF THE FOLLOWING ACTIONS MUST BE TAKEN TO STABILIZE THE SOIL FOR LATE FALL AND WINTER. STABILIZE THE SOIL WITH TEMPORARY VEGETATION - BY OCTOBER 1, SEED THE DISTURBED SOIL WITH WINTER RYE AT A SEEDING RATE OF 3 POUNDS PER 1000 SQUARE FEET. COVER THE SEEDED SOIL WITH HAY OR STRAW AT 75 POUNDS PER 1000 SQUARE FEET, AND ANCHOR THE MULCH WITH PLASTIC NETTING. MONITOR GROWTH OF THE RYE OVER THE NEXT 30 DAYS. IF THE RYE FAILS TO GROW AT LEAST THREE INCHES OR FAILS TO COVER AT LEAST 75% OF THE DISTURBED SOIL BEFORE NOVEMBER 1, THEN MULCH THE SOIL OVER WINTER PROTECTION AS DESCRIBED BELOW. STABILIZE THE SOIL WITH SOD - STABILIZE THE DISTURBED SOIL WITH PROPERLY INSTALLED SOD BY OCTOBER 1. PROPER INSTALLATION INCLUDES PINNING THE SOD ONTO THE SOIL WITH WIRE PINS, ROLLING THE SOD TO GUARANTEE CONTACT BETWEEN THE SOD AND UNDERLYING SOIL, AND WATERING THE SOD TO PROMOTE ROOT GROWTH INTO THE DISTURBED SOIL. STABILIZE THE SOIL WITH MULCH - BY NOVEMBER 15, MULCH THE DISTURBED SOIL WITH HAY OR STRAW AT A RATE OF AT LEAST 150 POUNDS PER 1000 SQUARE FEET ON THE AREA SO THAT NO SOIL IS VISIBLE THROUGH THE MULCH. IMMEDIATELY AFTER APPLYING THE MULCH, ANCHOR THE MULCH WITH PLASTIC NETTING TO PREVENT WIND FROM MOVING THE MULCH OFF THE DISTURBED SOIL.

MAINTENANCE:
 MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION PERIOD. EACH RAINFALL, SNOW STORM OR PERIOD OF THAWING AND RUNOFF, THE SITE CONTRACTOR SHALL PERFORM A VISUAL INSPECTION OF ALL INSTALLED EROSION CONTROL MEASURES AND PERFORM REPAIRS AS NEEDED TO INSURE THEIR CONTINUOUS FUNCTION. FOLLOWING THE TEMPORARY AND/OR FINAL SEEDING AND MULCHING, THE CONTRACTOR SHALL, IN THE SPRING, INSPECT AND REPAIR ANY DAMAGES AND/OR BARE SPOTS. AN ESTABLISHED VEGETATIVE COVER MEANS A MINIMUM OF 85 TO 90% OF AREAS VEGETATED WITH VIGOROUS GROWTH.

STABILIZATION SCHEDULE BEFORE WINTER:

SEPTEMBER 15 ALL DISTURBED AREAS MUST BE SEEDED AND MULCHED. ALL SLOPES MUST BE STABILIZED, SEEDED AND MULCHED. ALL GRASS-LINED DITCHES AND CHANNELS MUST BE STABILIZED WITH MULCH OR AN EROSION CONTROL BLANKET.

OCTOBER 1 IF THE SLOPE IS STABILIZED WITH AN EROSION CONTROL BLANKET AND SEEDED, ALL DISTURBED AREAS TO BE PROTECTED WITH AN ANNUAL GRASS MUST BE SEEDED AT A SEEDING RATE OF 3 POUNDS PER 1000 SQUARE FEET AND MULCHED.

NOVEMBER 15 ALL STONE-LINED DITCHES AND CHANNELS MUST BE CONSTRUCTED AND STABILIZED. SLOPES THAT ARE COVERED WITH RIPRAP MUST BE CONSTRUCTED BY THAT DATE.

DECEMBER 1 ALL DISTURBED AREAS WHERE THE GROWTH OF VEGETATION FALLS TO BE AT LEAST THREE INCHES TALL OR AT LEAST 75% OF THE DISTURBED SOIL IS COVERED BY VEGETATION, MUST BE PROTECTED FOR OVER-WINTER.

NOTE:
 THE DATES GIVEN ARE FOR PROJECTS IN SOUTH-CENTRAL MAINE. ADJUST THE DATES GIVEN BASED ON THE PROJECT'S LOCATION WITHIN THE STATE - REDUCING TIMES UP TO THREE WEEKS FOR PROJECTS IN NORTHERN MAINE AND EXTENDING TIMES UP TO TWO WEEKS FOR PROJECTS ON THE COAST IN EXTREME SOUTHERN MAINE.

7. STORMWATER CHANNELS, DITCHES, SWALES, AND OTHER OPEN STORMWATER CHANNELS MUST BE CONSTRUCTED AND STABILIZED USING MEASURES THAT ACHIEVE LONG-TERM EROSION CONTROL. EACH CHANNEL SHOULD BE CONSTRUCTED IN SECTIONS SO THAT THE SECTION'S GRADING, SHAPING, AND INSTALLATION OF THE PERMANENT LINING CAN BE COMPLETED THE SAME DAY. IF A CHANNEL'S FINAL GRADING OR LINING INSTALLATION MUST BE DELAYED, THEN DIVERSION BERMS MUST BE USED TO DIVERT STORMWATER AWAY FROM THE CHANNEL. PROPERLY-SPACED CHECK DAMS MUST BE INSTALLED IN THE CHANNEL TO SLOW THE WATER VELOCITY, AND A TEMPORARY LINING INSTALLED ALONG THE CHANNEL TO PREVENT SCOURING.

8. ROADS, GRAVEL AND PAVED ROADS MUST BE CONSTRUCTED WITH CROWNS OR OTHER MEASURES, SUCH AS WATER BARS, TO ENSURE THAT STORMWATER IS DELIVERED IMMEDIATELY TO ADJACENT STABLE DITCHES, VEGETATED BUFFER AREAS, CATCH BASIN INLETS, OR STREET GUTTERS.

9. CULVERTS, CULVERT INLETS MUST BE PROTECTED WITH APPROPRIATE MATERIALS AND PROTECTION MUST EXTEND AT LEAST AS HIGH AS THE EXPECTED MAXIMUM ELEVATION OF STORAGE BEHIND THE CULVERT. CULVERT OUTLETS MUST INCORPORATE MEASURES, SUCH AS APRONS OR PLUNGE POOLS, TO PREVENT SCOUR OF THE STREAM CHANNEL.

10. PARKING AREAS, PARKING AREAS MUST BE CONSTRUCTED TO ENSURE RUNOFF IS DELIVERED TO ADJACENT SWALES, CATCH BASINS, CURB GUTTERS, OR BUFFER AREAS WITHOUT ERODING AREAS DOWNSLOPE. THE PARKING AREA'S SUBBASE COMPACTION AND GRADING MUST BE DONE TO ENSURE RUNOFF IS EVENLY DISTRIBUTED TO ADJACENT BUFFERS OR SIDE SLOPES. CATCH BASINS MUST BE LOCATED AND SET TO PROVIDE ENOUGH STORAGE DEPTH AT THE INLET TO ALLOW INFLOW OF PEAK RUNOFF RATES WITHOUT BY-PASS OF RUNOFF TO OTHER AREAS.

INSPECTION AND MAINTENANCE PLAN

1. DURING CONSTRUCTION, THE FOLLOWING STANDARDS MUST BE MET DURING CONSTRUCTION:

- (A) INSPECTION AND CORRECTIVE ACTION. INSPECT DISTURBED AND IMPERVIOUS AREAS, EROSION CONTROL MEASURES, MATERIALS STORAGE AREAS THAT ARE EXPOSED TO PRECIPITATION, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. INSPECT THESE AREAS AT LEAST ONCE A WEEK AS WELL AS BEFORE AND AFTER A STORM EVENT, AND PRIOR TO COMPLETING PERMANENT STABILIZATION MEASURES. A PERSON WITH KNOWLEDGE OF EROSION AND STORMWATER CONTROL, INCLUDING THE STANDARDS AND CONDITIONS IN THE PERMIT, SHALL CONDUCT THE INSPECTIONS.
- (B) MAINTENANCE. MAINTAIN ALL MEASURES IN EFFECTIVE OPERATING CONDITION UNTIL AREAS ARE PERMANENTLY STABILIZED. IF BEST MANAGEMENT PRACTICES (BMPs) NEED TO BE MAINTAINED OR MODIFIED, ADDITIONAL BMPs ARE NECESSARY, OR OTHER CORRECTIVE ACTION IS NEEDED, IMPLEMENTATION MUST BE COMPLETED WITHIN 7 CALENDAR DAYS AND PRIOR TO ANY STORM EVENT (RAINFALL).
- (C) DOCUMENTATION. KEEP A LOG (REPORT) SUMMARIZING THE INSPECTIONS AND ANY CORRECTIVE ACTION TAKEN. THE LOG MUST INCLUDE THE NAME(S) AND QUALIFICATIONS OF THE PERSON MAKING THE INSPECTIONS, THE DATE(S) OF THE INSPECTIONS, AND MAJOR OBSERVATIONS ABOUT THE OPERATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS MATERIAL 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. FOR EACH BMP REQUIRING MAINTENANCE, BMP NEEDING REPLACEMENT, AND LOCATION NEEDING ADDITIONAL BMPs, NOTE IN THE LOG THE CORRECTIVE ACTION TAKEN AND WHEN IT WAS TAKEN. THE LOG MUST BE MADE ACCESSIBLE TO DEPARTMENT 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.

HOUSEKEEPING PLAN

1. SPILL PREVENTION. CONTROLS MUST BE USED TO PREVENT POLLUTANTS FROM BEING DISCHARGED FROM MATERIALS ON SITE, INCLUDING SOIL, TO FUGITIVE DUST EMISSIONS DURING OR AFTER CONSTRUCTION. OIL MAY NOT BE USED FOR DUST CONTROL.

2. GROUNDWATER PROTECTION. DURING CONSTRUCTION, LIQUID PETROLEUM PRODUCTS AND OTHER HAZARDOUS MATERIALS WITH THE POTENTIAL TO CONTAMINATE GROUNDWATER MAY NOT BE STORED OR HANDLED IN AREAS OF THE SITE DRAINING TO AN INFILTRATION AREA. AN INFILTRATION AREA IS ANY AREA OF THE SOIL BY DESIGN OR AS A RESULT OF SOIL PROPERTIES AND OTHER RELEVANT FACTORS ACCUMULATES RUNOFF THAT INFILTRATES INTO THE SOIL. DIKES, BERMS, SUMPS, AND OTHER FORMS OF SECONDARY CONTAMINANT THAT PREVENT DISCHARGE TO GROUNDWATER MUST BE USED TO ISOLATE PORTIONS OF THE SITE FOR THE PURPOSES OF STORAGE AND HANDLING OF THESE MATERIALS.

3. FUGITIVE SEDIMENT AND DUST. ACTIONS MUST BE TAKEN TO ENSURE THAT ACTIVITY DOES NOT RESULT IN NOTICEABLE SOIL OR FUGITIVE DUST EMISSIONS DURING OR AFTER CONSTRUCTION. OIL MAY NOT BE USED FOR DUST CONTROL.

NOTE: AN EXAMPLE OF THE USE OF BMPs TO CONTROL FUGITIVE SEDIMENT AND DUST IS AS FOLLOWS. OPERATIONS DURING WET MONTHS THAT EXPERIENCE TRACKING OF MUD OFF THE SITE ONTO PUBLIC ROADS SHOULD PROVIDE FOR SWEEPING OF ROAD AREAS AT LEAST ONCE A WEEK AND PRIOR TO SIGNIFICANT STORM EVENTS. WHERE CHRONIC MUD TRACKING OCCURS, A STABILIZED CONSTRUCTION ENTRANCE SHOULD BE PROVIDED, OPERATIONS DURING DRY MONTHS, THAT EXPERIENCE FUGITIVE DUST PROBLEMS, SHOULD WET DOWN THE ACCESS ROADS ONCE A WEEK OR MORE FREQUENTLY AS NEEDED.

NOTE: DEWATERING A STREAM WITHOUT A PERMIT FROM THE DEPARTMENT VIOLATES STATE WATER QUALITY STANDARDS AND THE NATURAL RESOURCES PROTECTION ACT.

4. DEBRIS AND OTHER MATERIALS. LITTER, CONSTRUCTION DEBRIS, AND CHEMICALS EXPOSED TO STORMWATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE.

NOTE: TO PREVENT THESE MATERIALS FROM BECOMING A SOURCE OF POLLUTANTS, CONSTRUCTION AND POST-CONSTRUCTION ACTIVITIES RELATED TO A PROJECT MAY BE REQUIRED TO COMPLY WITH APPLICABLE PROVISIONS OF RULES RELATED TO SOLID, UNIVERSAL, AND HAZARDOUS WASTE, INCLUDING, BUT NOT LIMITED TO, THE MAINE SOLID WASTE AND HAZARDOUS WASTE MANAGEMENT RULES; MAINE HAZARDOUS WASTE MANAGEMENT RULES; MAINE OIL CONVEYANCE AND STORAGE RULES; AND MAINE PESTICIDE REQUIREMENTS.

5. TRENCH OR FOUNDATION DE-WATERING. TRENCH DE-WATERING IS THE REMOVAL OF WATER FROM TRENCHES, FOUNDATIONS, COFFERDAMS, PONDS, AND OTHER AREAS WITHIN THE CONSTRUCTION AREA THAT RETAIN WATER AFTER EXCAVATION. IN MOST CASES THE COLLECTED WATER IS HEAVILY SILTED AND HINDERS CORRECT AND SAFE CONSTRUCTION PRACTICES. THE COLLECTED WATER MUST BE REMOVED FROM THE PONDED AREA, EITHER THROUGH GRAVITY OR PUMPING. WATER MUST BE SPREAD THROUGH NATURAL VEGETATION BUFFERS OR REMOVED TO AREAS THAT ARE SPECIFICALLY DESIGNED TO COLLECT THE MAXIMUM AMOUNT OF SEDIMENT POSSIBLE. LIKE A COFFERDAM SEDIMENTATION BASIN, AVOID ALLOWING THE WATER TO FLOW OVER DISTURBED AREAS OF THE SITE. EQUIVALENT MEASURES MAY BE TAKEN IF APPROVED BY THE DEPARTMENT.

SITE DEFINITION

1. POSITIVE DRAINAGE SHALL MEAN PROVIDING A MINIMUM DOWN GRADIENT SLOPE OF ONE PERCENT TO A REFERENCED STRUCTURE OR VEGETATIVE SWALE UNLESS OTHERWISE NOTED.

SITE ABBREVIATIONS

Ø	DIAMETER
ASPT	ASBESTOS CEMENT PIPE
ADD. ALT.	ADDITIONAL ALTERNATE BID ITEM
AE	AERIAL ELECTRIC
ARCH.	ARCHITECTURAL
B.C.	BOTTOM OF CURB
BIT.	BITUMINOUS
BLDG.	BUILDING
BOT.	BOTTOM
C	CENTERLINE
CB	CATCH BASIN
C.I.	CAST IRON CONTRACTOR INST'D.
C.I.P.	CAST IN PLACE
CMP	CORRUGATED METAL PIPE
C.O.	CENTER
CONC.	CLEANOUT
CPP	CONCRETE
CTV	CORRUGATED PLASTIC PIPE
CFS	CABLE TELEVISION
	CUBIC FEET PER SECOND
D.I.	DITCH INVERT, DUCTILE IRON
DTL.	DETAIL
DM.	DIAMETER
DIM.	DIMENSION
DN	DRAIN MANHOLE, DROP MANHOLE
DNH	DOWN
DWG	DRAWING
E	EAST
E.P.	EDGE OF PAVEMENT
EL. ELEV.	ELEVATION
EQ.	EQUAL
EXIST.	EXISTING
EXP.	EXPANSION
FD	FOOTING DRAIN
F.G.	FINISH GRADE
F.H.	FIRE HYDRANT
FIN.	FINISH
F.F.	FINISH FLOOR
FFM	FEET PER MINUTE
FT.	FEET
FTG.	FOOTING
GA.	GAUGE
GALV.	GALVANIZED
GP	GALLONS PER MINUTE
GRAN	GRANULAR
G.V.	GATE VALVE
G	GAS
H.C.	HANDICAP
HORIZ. HOR.	HORIZONTAL
HPS	HIGH PRESSURE SODIUM
HMA	HOT MIX ASPHALT
I.D.	IDENTIFICATION, INSIDE DIAMETER
IE.	INVERT ELEVATION
INV.	INVERT
INSUL.	INSULATION
LBS.	POUNDS
L.A.	LINEAR FEET
L.P.	LOW PRESSURE SODIUM
L	LENGTH
MAS	MASONRY
MATL.	MATERIAL
MAX.	MAXIMUM
M.H.	MANHOLE
MIN	MINIMUM
MISC.	MISCELLANEOUS
N	NORTH, NEW UTILITY
N.I.C.	NOT IN CONTRACT
NFD	NEW FOUNDATION DRAIN
NF	NEW FORCE MAIN
NGAS	NATURAL GAS
NOM.	NOMINAL
NO.	NUMBER
NRD	NEW ROOF DRAIN
NSS	NEW SANITARY SEWER
NSD	NEW STORM DRAIN
NT	NOT TO SCALE
NUE	NEW UNDERGROUND ELECTRIC
NUD	NEW UNDERDRAIN
NUP	NEW UNDERGROUND PRIMARY
NUS	NEW UNDERGROUND SECONDARY
NW	NEW WATER LINE
O.A.	OWNER SUPPLIED/ELECTRIC INST'D
OS/OI	OVERHEAD ELECTRIC
OE	OVERHEAD WIRE
OHW	OVERHEAD WIRE
P.V.M.T.	PAVEMENT
PERF.	PERFORATED
PB	PULL BOX
PI	POINT OF INTERSECTION
P & I	PROVIDE AND INSTALL
PRELIM	PRELIMINARY
PSF	POUNDS PER SQUARE FOOT
P.S.I.	POUNDS PER SQUARE INCH
PT	POINT OF TANGENT
PVC	POLYVINYL CHLORIDE
P.V.M.T.	PAVEMENT
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
REQ'D	REQUIRED
S	SEWER
SS	SCHEDULE
SCH	SANITARY SEWER
SD	STORM DRAIN
P.V.M.T.	SECTION
SIM.	SIMILAR
SMH	SEWER MANHOLE
SPECS	SPECIFICATIONS
SQ.	SQUARE
S.F.	SQUARE FEET
STA.	STATION
STYRO.	STYROFOAM
TBM	TEMPORARY BENCH MARK
TELE.	TELEPHONE
T.O.W.	TOP OF WALL
T.C.	TOP OF CURB
TEMP.	TEMPORARY
THICK.	THICK
TV	TELEVISION
TYP	TYPICAL
T.S.	TOP OF SLAB
UE	UNDERGROUND ELECTRIC
US	UNDERGROUND SECONDARY
UP	UNDERGROUND PRIMARY
VERT. VER.	VERTICAL
VIF	VERIFY IN FIELD
W	WATER
W/	WITH
W/O	WITHOUT
WSO	WATER SHUT OFF (CURB STOP OR GATE VALVE)
W.W.F.	WELODED WIRE FABRIC
W V	WATER SHUT OFF / GATE VALVE

APPROVAL DRAWINGS
 05.11.12

CURRENT ISSUE STATUS:

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 BANGOR, MAINE 207-947-4811
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CUMBERLAND COUNTY
 CIVIC CENTER RENOVATION

PROJECT: PORTLAND, MAINE

SITE GENERAL NOTES & ABBREVIATIONS

SHEET TITLE: WBRC CAD FILE: 3757300-GI006.DWG

PROJECT NO.: 3757-00 GRAPHIC SCALE: 0"

SCALE: NO SCALE

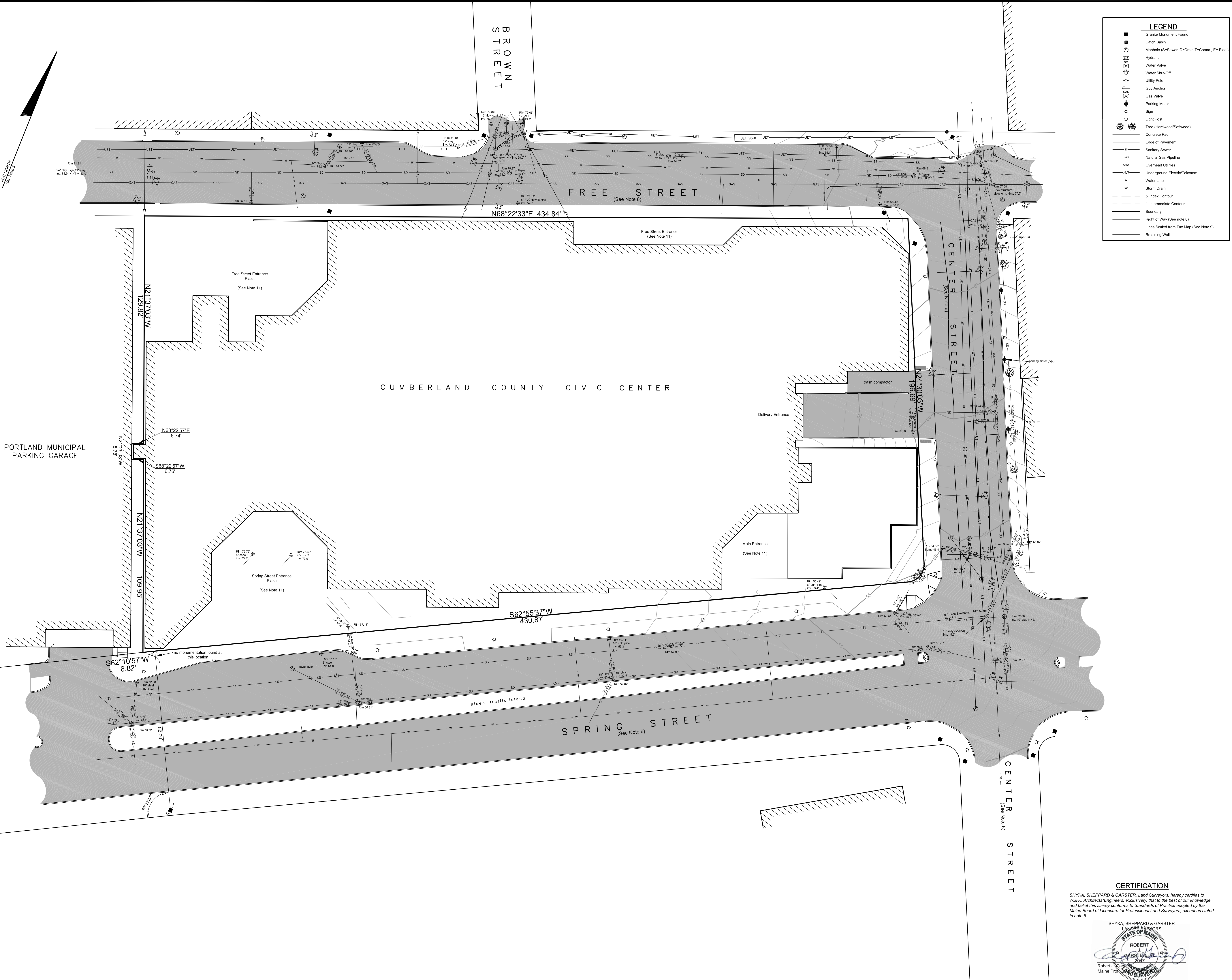
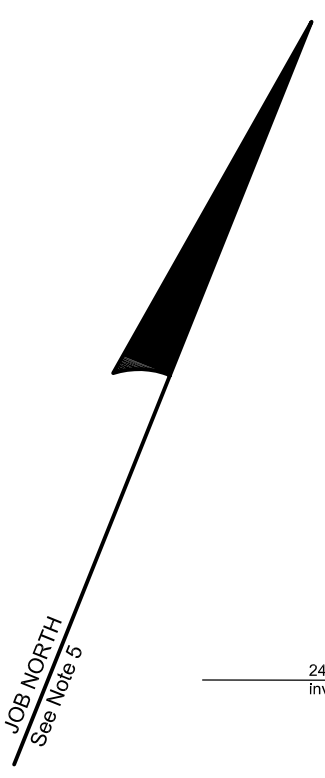
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DRAWN BY: JWB

CHECKED BY: ARB

GI006

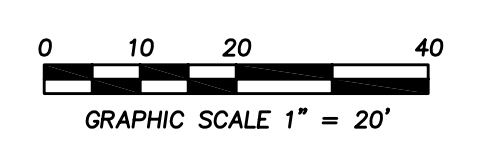
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LEGEND

- Granite Monument Found
- ⊕ Catch Basin
- ⊖ Manhole (S=Sewer, D=Drain, T=Comm., E= Elec.)
- Hydrant
- Water Valve
- Water Shut-Off
- Utility Pole
- Guy Anchor
- Gas Valve
- Parking Meter
- Sign
- Light Post
- Tree (Hardwood/Softwood)
- Concrete Pad
- Edge of Pavement
- Sanitary Sewer
- Natural Gas Pipeline
- Overhead Utilities
- Underground Electric/Telcom.
- Water Line
- Storm Drain
- 5' Index Contour
- 1' Intermediate Contour
- Boundary
- Right of Way (See note 6)
- Lines Scaled from Tax Map (See Note 9)
- Retaining Wall

- Notes:**
- Title Reference:**
Cumberland County Registry of Deeds, Book 3634, Page 82.
 - Plan Reference:**
A. "Cumberland County Recreation Center," dated Sept. 18, 1974, provided by the City of Portland Engineering Office, Sheets X1 (Survey Plan), X2 (Site Plan) and U1 (Utility Plan).
B. The following plans were provided by the City of Portland Engineering Office:
1. "Spring Street", dated July 1925, Sheet 1 of 3.
2. "Free Street", dated September 1925, noted 9/26/27.
C. "As-Built Drawing, Spring-Middle Arterial, General Plan Station 28+50 to 32+10," prepared by Fay, Spofford, & Thorndike, Inc., revised April 4, 1973, provided by the City of Portland Engineering Office.
D. "Portland Renewal Authority, Maine Way Me-R-28, Condemnation Area IV, Parcels A & B," prepared by Owen Haskell, Inc., dated August 5, 1974, recorded in the Cumberland County Registry of Deeds, Plan Book 104, Page 20.
3. **Tax Map Information:**
City of Portland Tax Map 38, Lot 15.
4. **Area Information:**
Total Area = 2,258 acres.
5. **Basis of Bearings:**
Bearings shown on this plan refer to Job North, based on the plans shown in Note 2A.
6. **Road Information:**
Spring Street Arterial: The location for Spring Street is based on the plans in Note 2, and on granite monuments found. Spring Street is 84 feet wide as shown in the plan in Note 2B1.
Center Street: The location for Center Street is based on the plans in Note 2, and on granite monuments found. The width of Center Street is 60 feet wide as shown in the plan in Note 2.
Free Street: The location for Free Street is based on the plans in Note 2, and on granite monuments found. Free Street is 49.5 feet wide as shown in the plan in Note 2B2.
7. **Utility Information:**
The location shown on this plan for above and underground utilities, including water, electricity, telephone, sewer, and storm drains are approximate and should be verified before any excavation. Federal and State Laws require anyone performing any sort of excavation, including digging, boring, backfilling or grading to notify "DIG SAFE", (1-888-344-7233), at least 72 hours before they begin work. The underground utilities shown have been located from field survey information and from existing drawings. Shyka, Sheppard, and Garster, Land Surveyors (SSG) makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. SSG further does not warrant that the underground utilities are in the exact location indicated, although SSG does certify that they are located as accurately as possible from information available. SSG has not physically located the underground utilities.
Underground utilities shown on this plan were taken from the plans in Note 2.
8. Some variations between distances and bearings shown hereon and those contained in previous deeds and plans are not noted because such variations are: insignificantly small, due to obvious scrivener's errors, or due to the basis of bearing shown. No report was prepared and monuments were not set at all corners.
9. Abutting property lines were taken from the City of Portland Tax Maps. Abutting property owner information taken from the City of Portland tax records.
10. Elevations and contours shown on this plan are based on finished floor elevations as shown on the plans in Note 2A.
11. Easements for maintenance, replacement, and repair of the plaza areas were reserved by the City of Portland in Book 3634, Page 82.
12. An easement for the installation, maintenance, and repair of three phase power was granted to Central Maine Power Company, Inc. in Book 3796, Page 159.



BOUNDARY & TOPOGRAPHIC PLAN OF
CUMBERLAND COUNTY CIVIC CENTER
Spring Street, Portland Maine
Prepared for
WBRC Architects*Engineers
44 Central Street, Bangor, ME 04401

Prepared By
SHYKA, SHEPPARD & GARSTER

LAND SURVEYORS
6 STATE ST., SUITE 301
BANGOR, MAINE 04401
TEL: (207) 942-1955

SCALE: 1" = 20'
BOOK: CRLSN
SSG CAD File: 12-105
PROJECT No: 12-105

DATE: Feb. 13, 2012
SHEET No: 1 of 1

CERTIFICATION

SHYKA, SHEPPARD & GARSTER, Land Surveyors, hereby certifies to WBRC Architects*Engineers, exclusively, that to the best of our knowledge and belief this survey conforms to Standards of Practice adopted by the Maine Board of Licensure for Professional Land Surveyors, except as stated in note 8.

SHYKA, SHEPPARD & GARSTER
LAND SURVEYORS
STATE OF MAINE
ROBERT J. GARSTER, L.S. 2047
Robert J. Garster
Maine Professional Land Surveyor

PHASE II

PHASE I

PHASE III

CUMBERLAND COUNTY CIVIC CENTER

PORTLAND MUNICIPAL
PARKING GARAGE

BROWN
STREET

FREE STREET

CENTER
STREET

SPRING STREET

CENTER
STREET

CONSTRUCTION DURATION		
	START	COMPLETE
PHASE I	8/2012	12/2012
PHASE II	1/2013	4/2013
PHASE III	4/2013	10/2013

NOTE: DATES ARE SUBJECT TO CHANGE
DUE TO START OF CONSTRUCTION

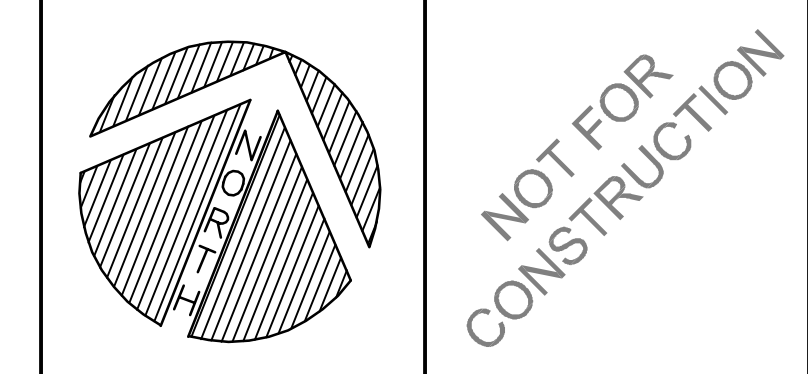
POSSIBLE STREET / LANE CLOSURE	
PHASE I	CENTER STREET (ENTIRE STREET)
PHASE II	FREE STREET ONE LANE (EASTBOUND)
PHASE III	FREE STREET ONE LANE (EASTBOUND) & SPRING STREET (WESTBOUND) ONE LANE

CONSTRUCTION PHASING	
PHASE I	
PHASE II	
PHASE III	

REV.	DESCRIPTION	DATE
1	PER CITY COMMENTS	05.29.12

APPROVAL DRAWINGS
05.11.12

CURRENT ISSUE STATUS:



CUMBERLAND COUNTY
CIVIC CENTER RENOVATION

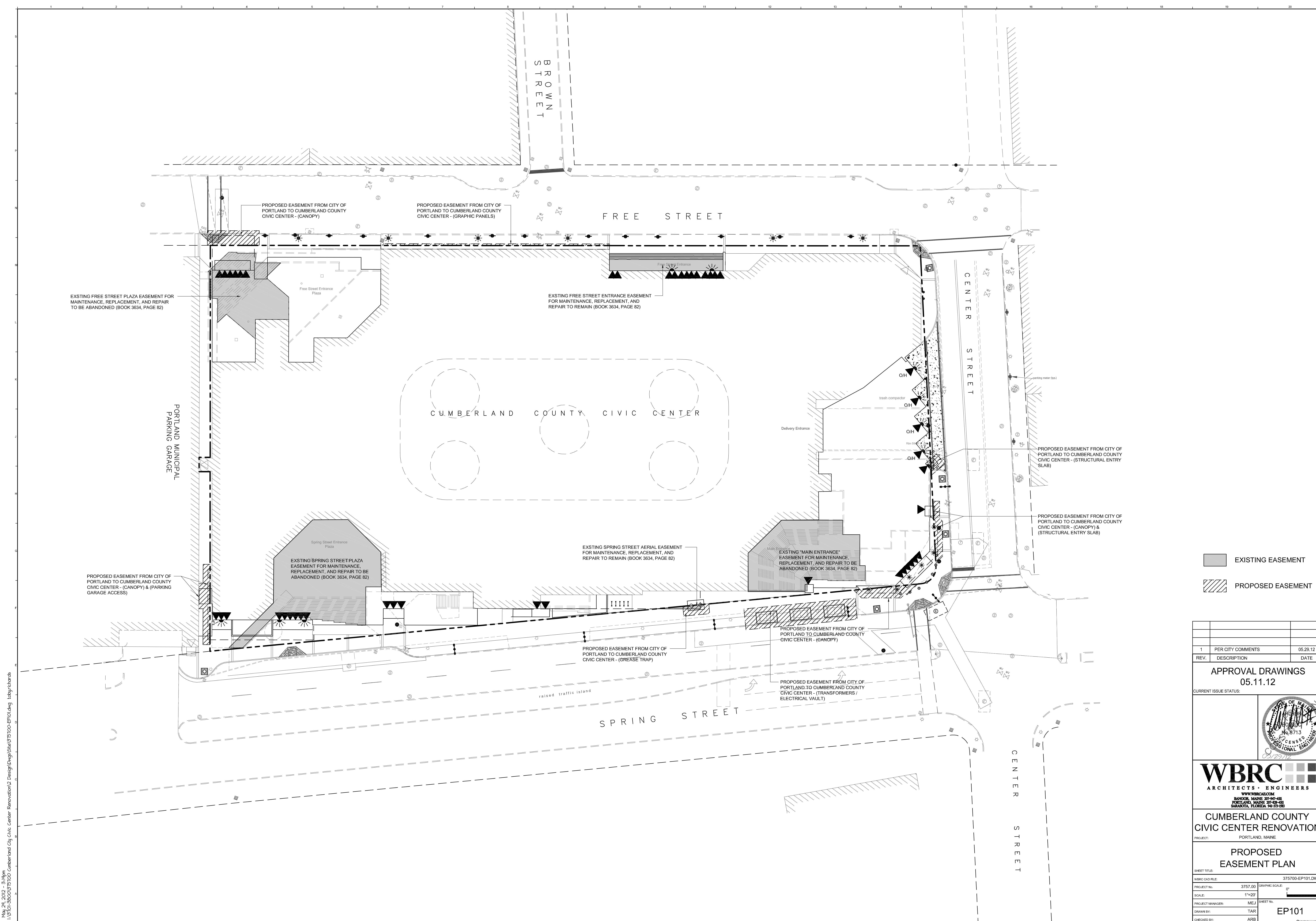
PROJECT: PORTLAND, MAINE

SITE PHASING
PLAN

SHEET TITLE:	375700-PH100.DWG
WBRC CAD FILE:	3757.00
PROJECT NO.:	3757.00
SCALE:	1"=20'
PROJECT MANAGER:	MEJ
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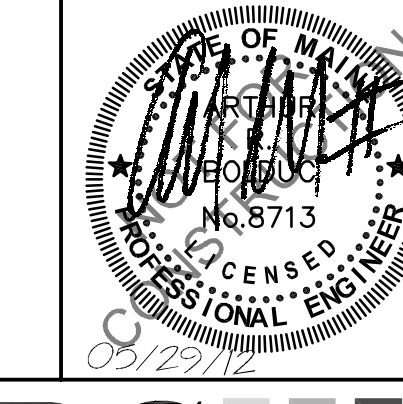
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May 24, 2012 - 9:02am
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EXISTING EASEMENT
 PROPOSED EASEMENT

1	PER CITY COMMENTS	05.29.12
REV.	DESCRIPTION	DATE
APPROVAL DRAWINGS		
05.11.12		
CURRENT ISSUE STATUS:		

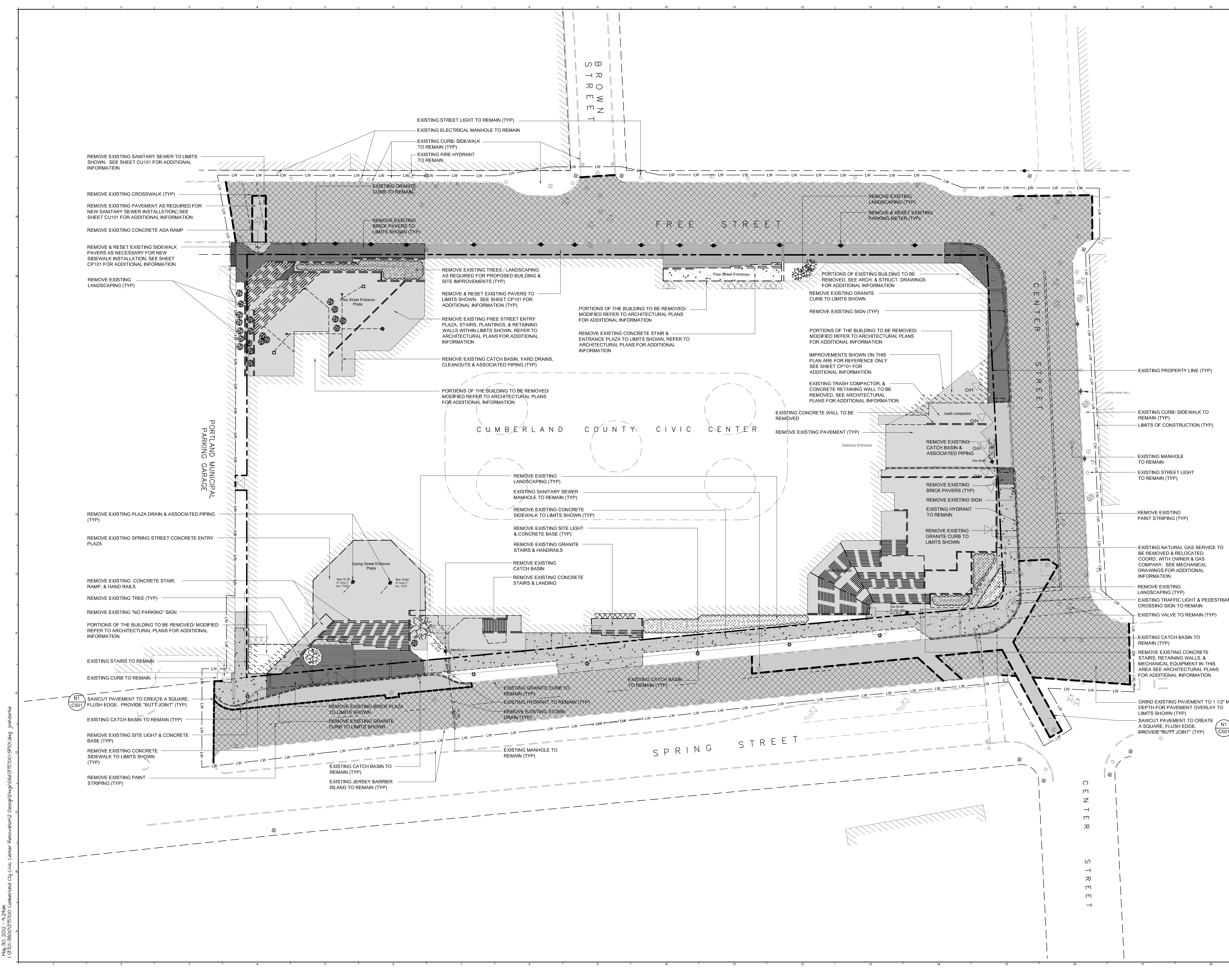


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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
 PORTLAND, MAINE

PROPOSED EASEMENT PLAN	
SHEET TITLE:	375700-EP101.DWG
WBRC CAD FILE:	3757.00
PROJECT NO.:	3757.00
SCALE:	1"=20'
PROJECT MANAGER:	MEJ
DRAWN BY:	TAR
CHECKED BY:	ARB
SHEET No. EP101	

May 24, 2012 9:11am Cumberland City Civic Center Renovation\2 Design\Drawings\375700-EP101.dwg ldsjrb\boards



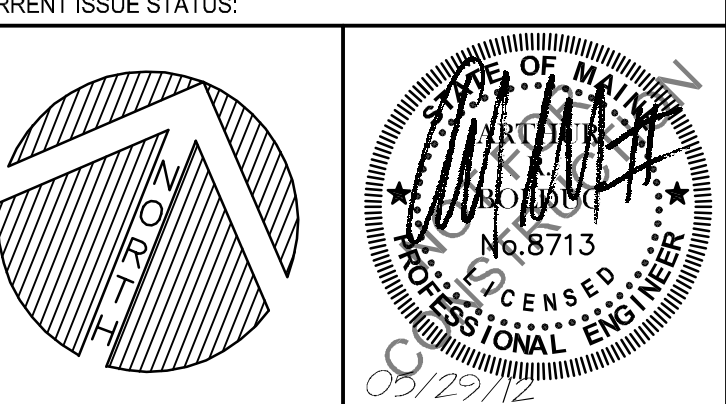
- REMOVALS NOTES:**
- SEE NOTES R1 THROUGH R5 ON SHEET G1006 FOR ADDITIONAL REMOVALS INFORMATION.
 - CLEARING LIMITS SHALL EXTEND ONLY TO SUCH A POINT NECESSARY TO COMPLETE EARTHWORK ACTIVITIES.
 - THE UTILITY INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE AND IS BASED ON A SURVEY COMPLETED BY SHYKA, SHEPPARD, & GARSTER LAND SURVEYORS. THE SITE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY SITE CLEARING, GRUBBING AND EARTHWORK ACTIVITIES.
 - ALL SOIL AND EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF ANY WORK. SEE G0101 FOR MORE INFORMATION. THE SITE CONTRACTOR IS RESPONSIBLE FOR INSPECTING AND MAINTAINING ALL SOIL AND EROSION CONTROL MEASURES.
 - SOME TREE TRIMMING NOT SHOWN ON THIS PLAN MAY BE NECESSARY FOR CONSTRUCTION PURPOSES. THE SITE CONTRACTOR SHOULD EVALUATE AND SCHEDULE ACCORDINGLY.

LEGEND

EXISTING	PROPOSED
☼	STREET LIGHTING
☼	BUILDING LIGHTING
⊕	WATER SHUTOFF / GATE VALVE
⊕	ELECTRIC COMM. MANHOLE
⊕	PARKING METER
⊕	MANHOLE
⊕	SEWER MANHOLE
⊕	GAS SHUTOFF
⊕	CATCH BASIN
⊕	FIRE HYDRANT
⊕	SIGN
⊕	PAVEMENT REMOVALS
---	LIMITS OF CONSTRUCTION
---	PROPERTY LINE
---	ABUTTING PROPERTY LINE

REV.	DESCRIPTION	DATE
1	PER CITY COMMENTS	05.29.12

APPROVAL DRAWINGS
05.11.12



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ROCKLAND, MAINE 078-69-83
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CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, MAINE

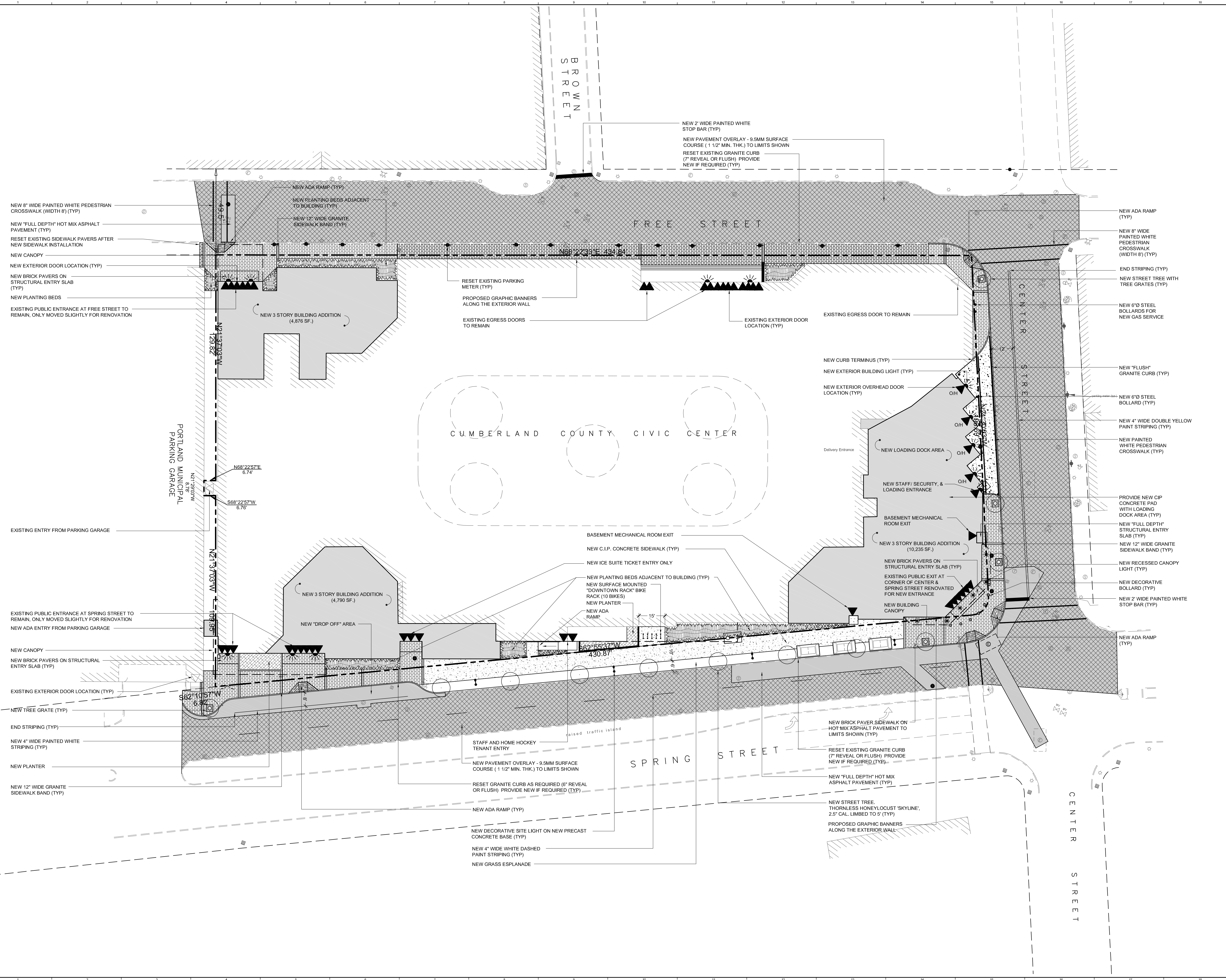
SITE REMOVALS PLAN

SHEET TITLE:	375700-SP101.DWG
WBRC CAD FILE:	3757.00
PROJECT NO.:	3757.00
SCALE:	1"=20'
PROJECT MANAGER:	MEJ
DRAWN BY:	JWB
CHECKED BY:	ARB

CD101

May 29, 2012 4:24am
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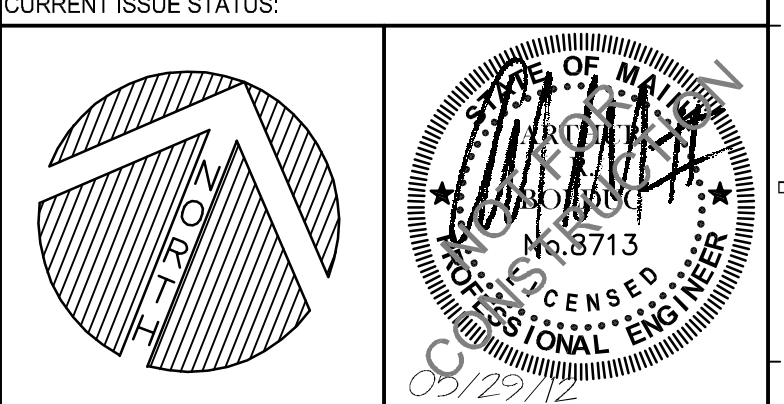
- LAYOUT NOTES:**
- SEE NOTES L1 THROUGH L3 ON SHEET 01006 FOR ADDITIONAL LAYOUT INFORMATION.
 - ALL CURB RADI SHALL BE 5' UNLESS OTHERWISE NOTED.
 - COORDINATE ALL SIDEWALK LOCATIONS WITH ARCH. AND STRUCTURAL DRAWINGS TO VERIFY NEW EXTERIOR DOOR LOCATIONS. FIELD ADJUST AS REQUIRED.
 - REFER TO STRUCTURAL SHEETS FOR NEW FOUNDATION LAYOUT. COORDINATE LAYOUT WITH FOUNDATION CONTRACTOR.
 - SEE SHEET CU101 FOR ADDITIONAL INFORMATION RELATED TO THE LAYOUT OF SITE LIGHTS AND UTILITY POLES AND THEIR RESPECTIVE CONDUIT AND WIRING. COORDINATE LAYOUT WITH THE ELECTRICAL CONTRACTOR.



LEGEND	
EXISTING	PROPOSED

REV.	DESCRIPTION	DATE
1	PER CITY COMMENTS	05.29.12

APPROVAL DRAWINGS
05.11.12



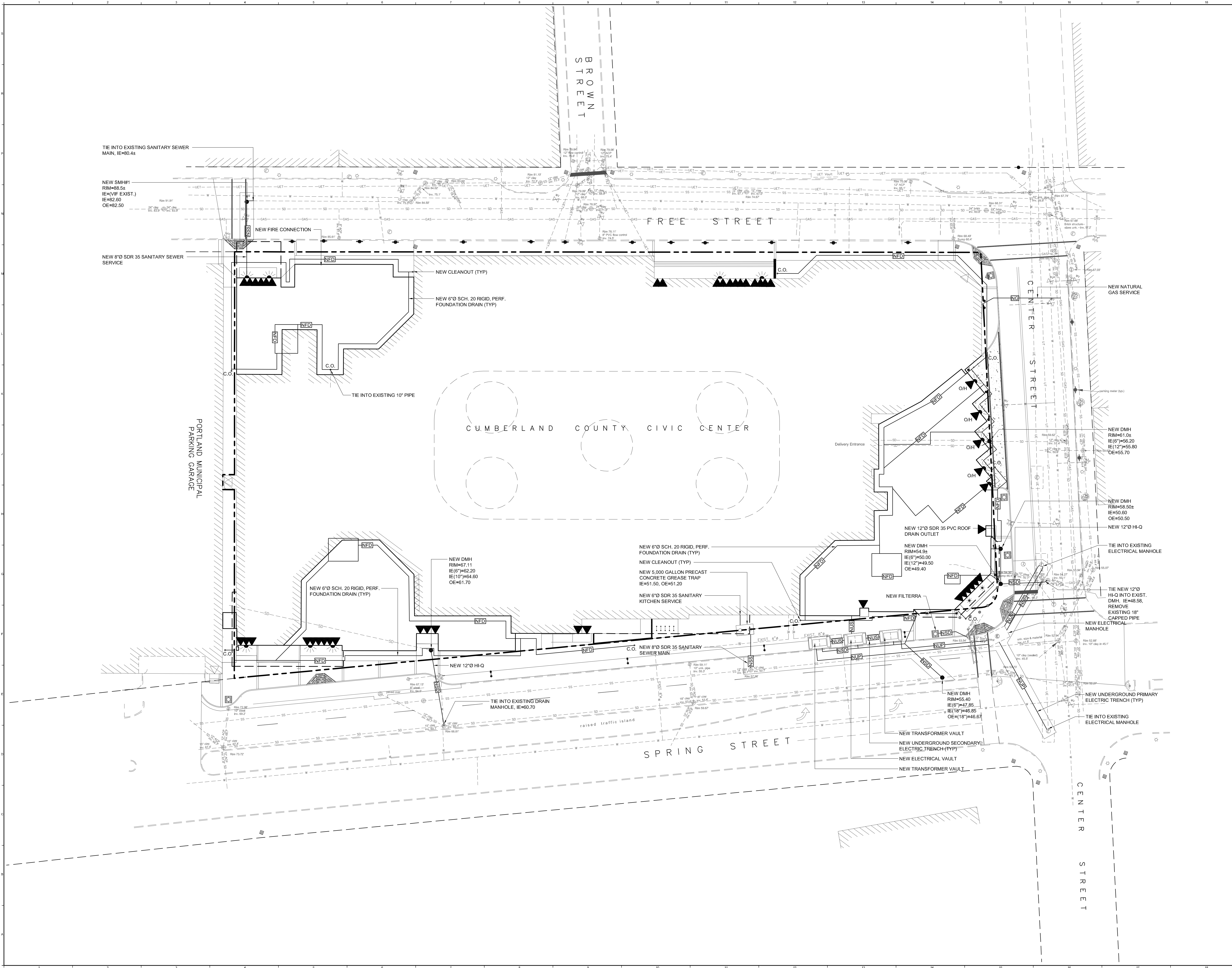
CUMBERLAND COUNTY CIVIC CENTER RENOVATION
PROJECT: PORTLAND, MAINE

SITE LAYOUT & MATERIALS PLAN

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WBRC CAD FILE:	375700
PROJECT NO.:	375700
SCALE:	1"=20'
PROJECT MANAGER:	MEJ
DRAWN BY:	JWB
CHECKED BY:	ARB
SHEET NO.:	CP101

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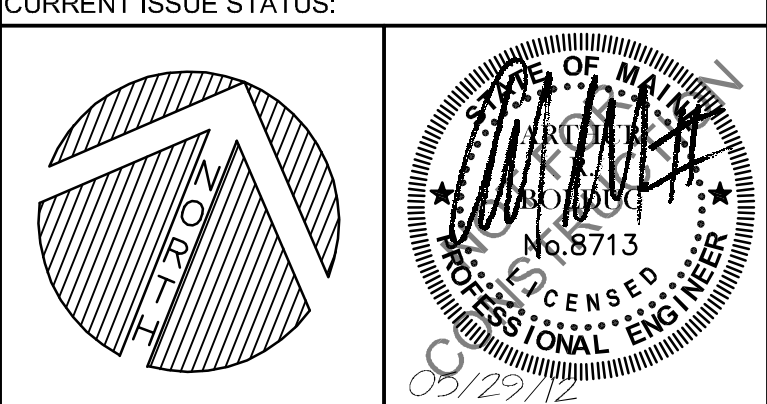
- UTILITY NOTES:**
- SEE NOTES E1 THROUGH U8 ON SHEET G1006 FOR ADDITIONAL UTILITY INFORMATION.
 - ALL TRENCH EXCAVATION AND BACKFILL FOR ELECTRICAL SYSTEMS SHALL BE BY THE SITE CONTRACTOR. CONDUIT, PULL BOXES, RISER POLES, LIGHT BASES, ETC. SHALL BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. LIGHT BASES TO BE SET BY THE SITE CONTRACTOR.
 - SITE CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY PROPOSED WORK.
 - PROVIDE 4" MIN. RIGID INSULATION BETWEEN WATER LINE AND SANITARY SEWER LINE. EXTEND 8' IN ALL DIRECTIONS WHERE THEY CROSS.
 - DOMESTIC WATER DISTRIBUTION AND FIRE SUPPRESSION PIPING AND APPURTENANCES SHALL BE SUPPLIED AND INSTALLED BY SITE CONTRACTOR. ALL EXCAVATION AND BACKFILL REQUIRED FOR ANY PART OF THE WATER SUPPLY SYSTEM AND FIRE SUPPRESSION PIPING SHALL BE BY THE SITE CONTRACTOR. COORDINATE INSTALLATION OF PIPING WITH THE PLUMBING AND MECHANICAL CONTRACTORS. PIPING FOR NEW BUILDING SHALL BE SUPPLIED AND INSTALLED BY THE PLUMBING CONTRACTOR FROM THE BUILDING TO A COORDINATED POINT LOCATED 10' FROM THE BUILDING PENETRATION.



EXISTING	LEGEND	PROPOSED
	STREET LIGHTING	
	BUILDING LIGHTING	
	WATER SHUTOFF / GATE VALVE	
	ELECTRIC COMM. MANHOLE	
	PARKING METER	
	MANHOLE	
	SEWER MANHOLE	
	GAS SHUTOFF	
	CATCH BASIN	
	FIRE HYDRANT	
	SIGN	
	PAVEMENT	
	SIDEWALK	
	CP CONCRETE RETAINING WALL	
	GAS SERVICE / MAIN	
	WATER SERVICE / MAIN	
	STORM DRAIN	
	UNDERDRAIN	
	FOOTING DRAIN	
	CLEANOUT	
	SANITARY SEWER	
	UNDERGROUND ELECTRIC	
	UNDERGROUND SECONDARY	
	EXISTING 18" CAPPED PIPE	
	PROPERTY SETBACK	
	PROPERTY LINE	
	ABUTTING PROPERTY LINE	

REV.	DESCRIPTION	DATE
1	PER CITY COMMENTS	05.29.12

APPROVAL DRAWINGS
05.11.12

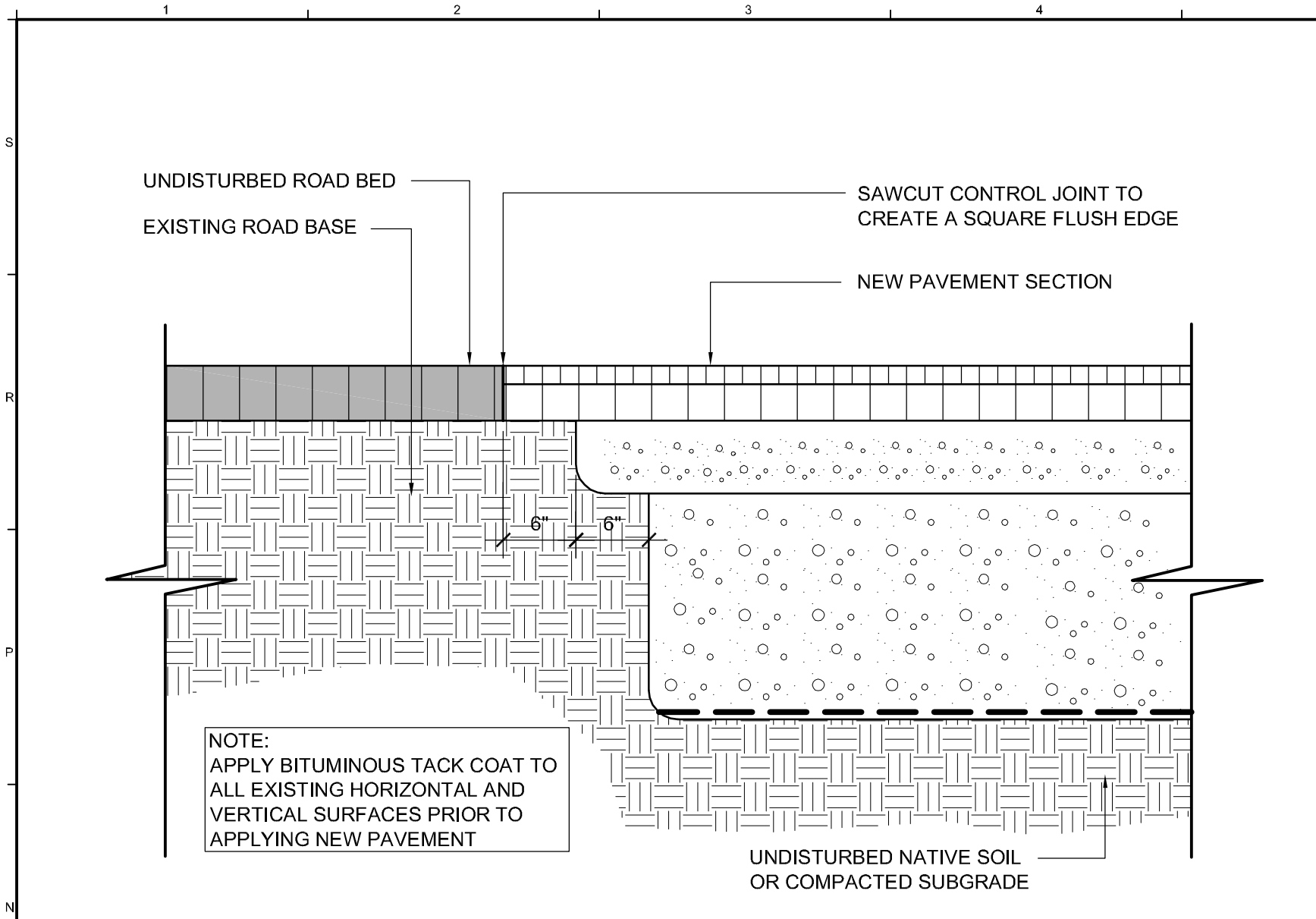


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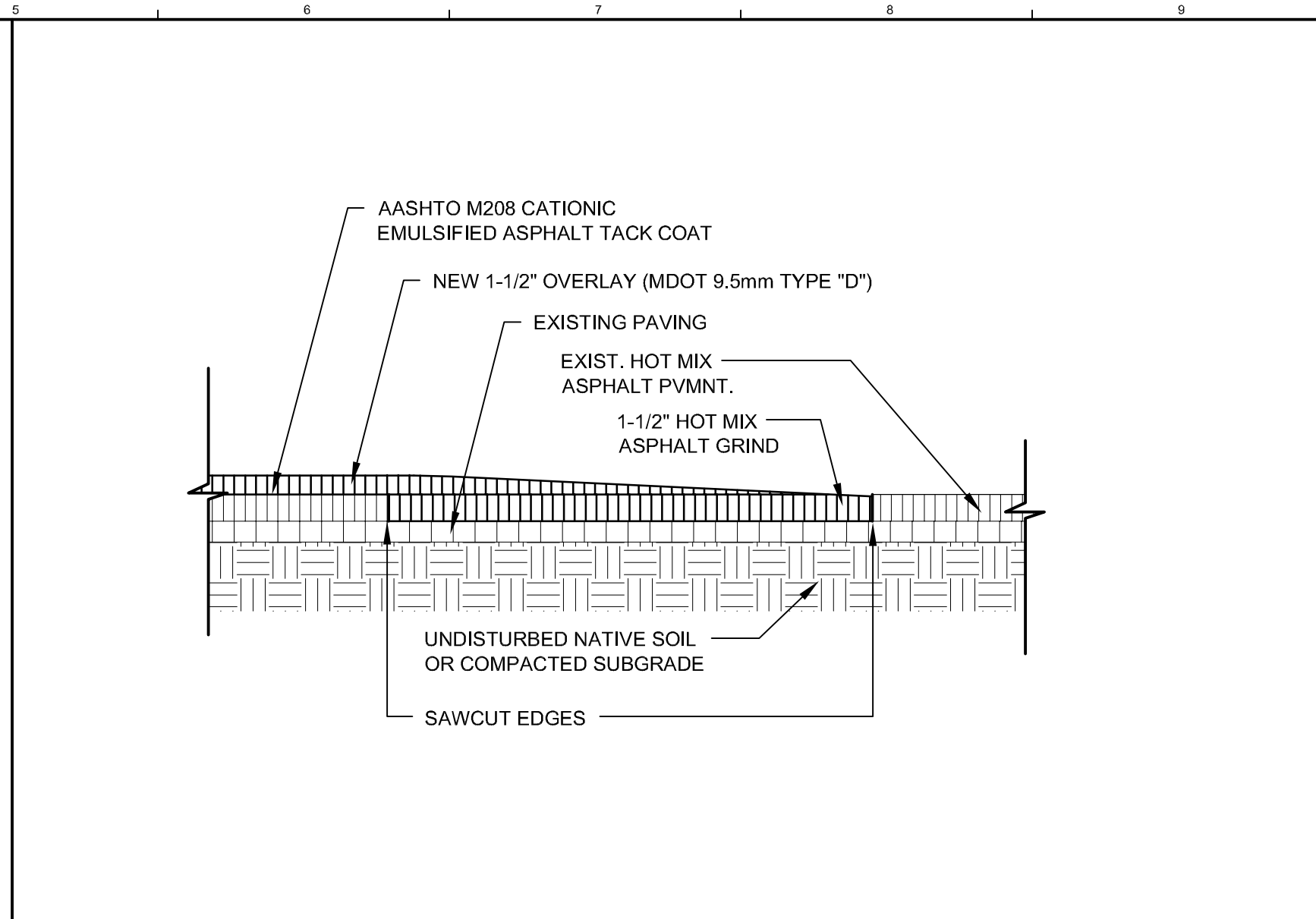
CUMBERLAND COUNTY CIVIC CENTER RENOVATION

CURRENT ISSUE STATUS:	
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PROJECT MANAGER:	MEJ
DRAWN BY:	JWB
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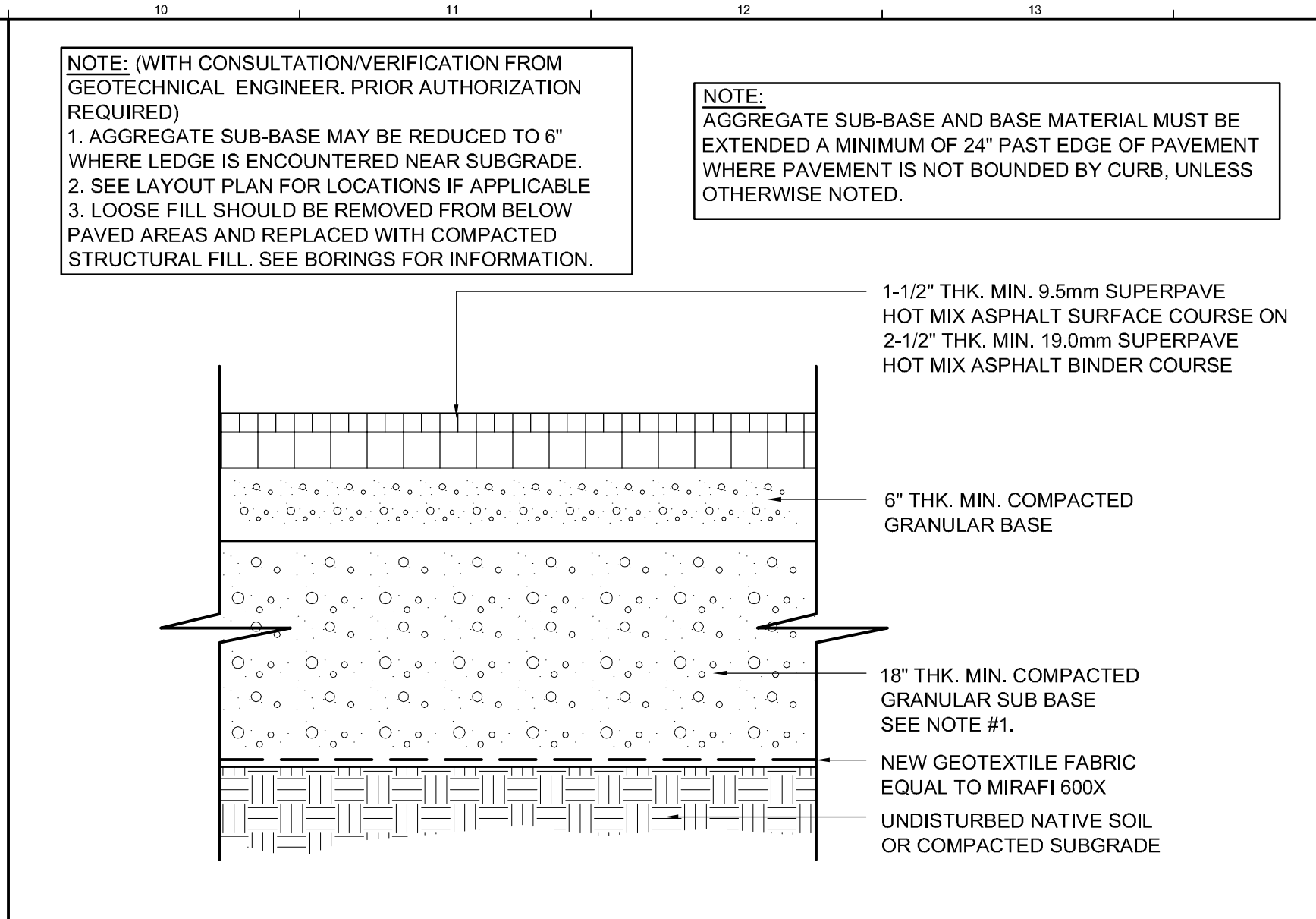
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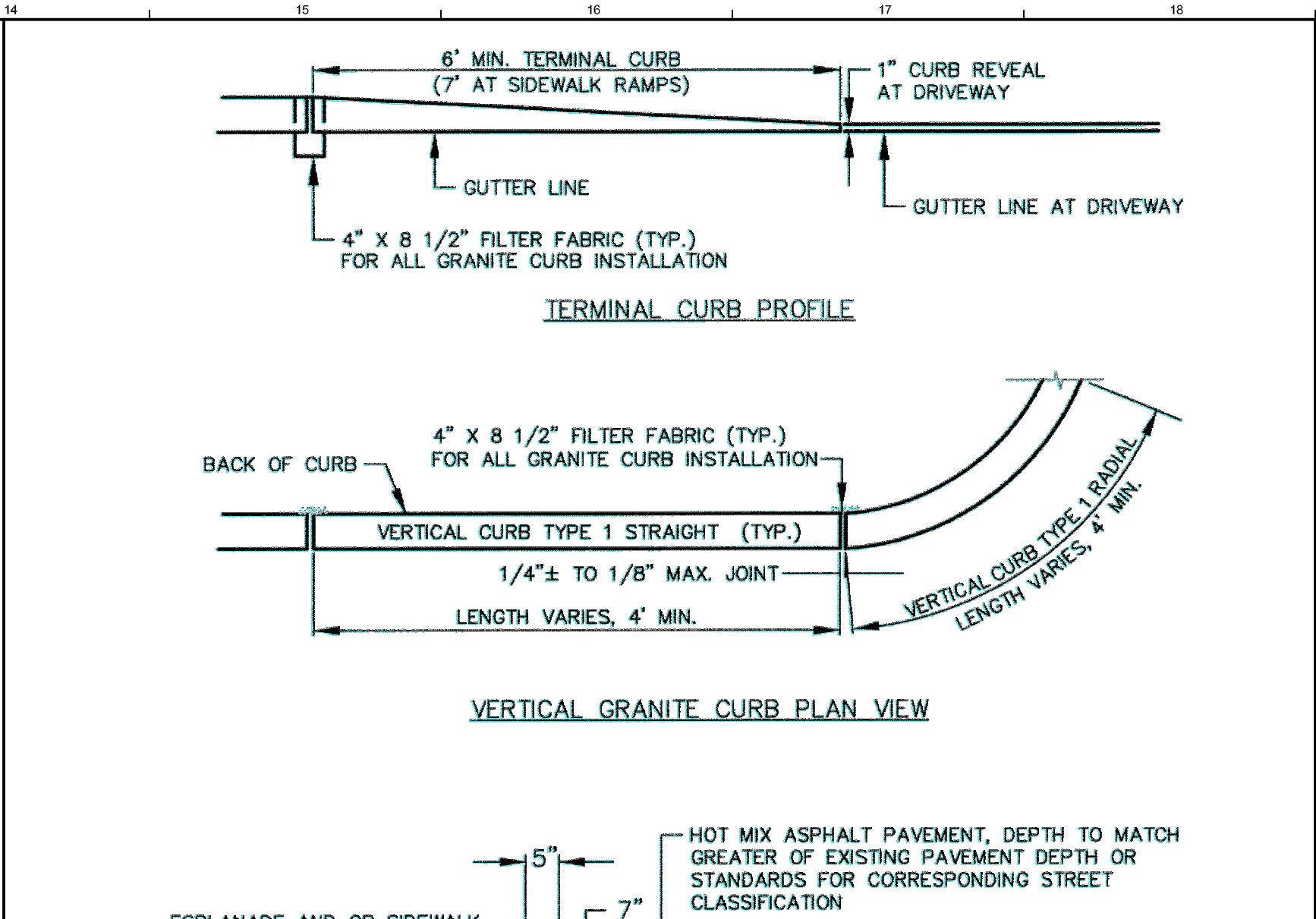
N1 HOT MIX ASPHALT BUTT JOINT



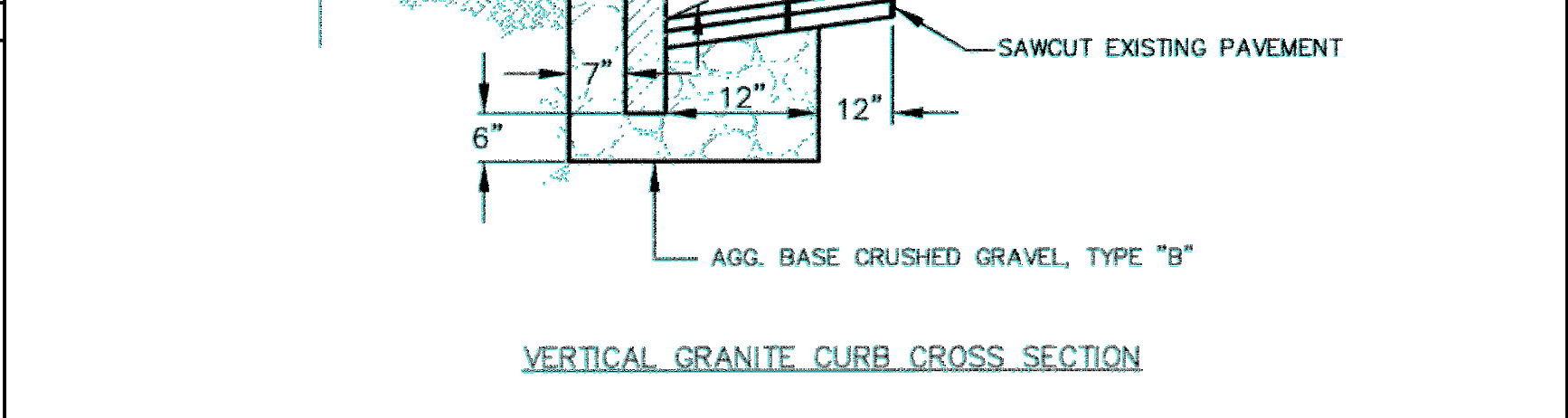
N5 NEW HOT MIX ASPHALT OVERLAY



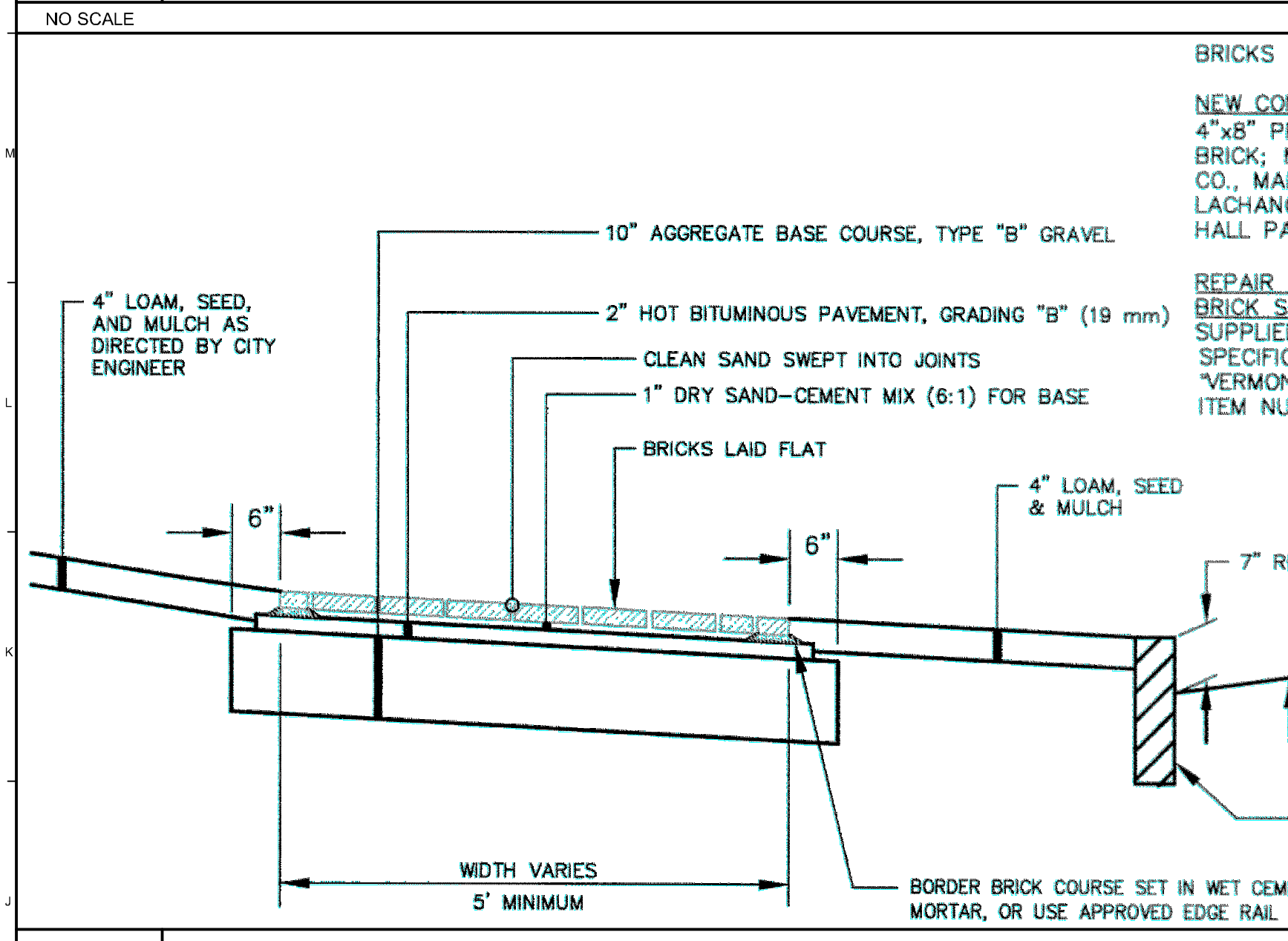
N10 NEW FULL DEPTH HOT MIX ASPHALT PAVEMENT



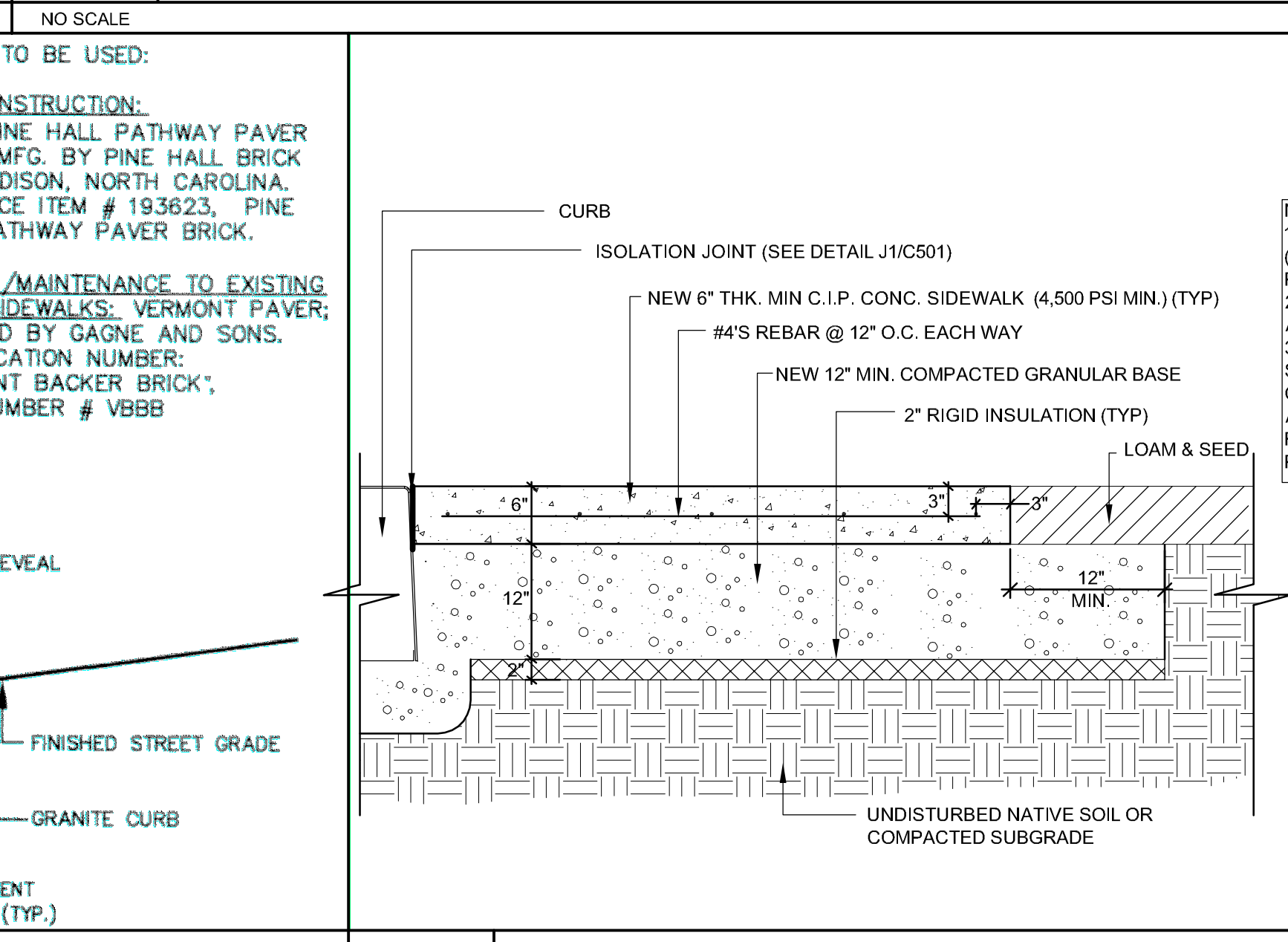
TERMINAL CURB PROFILE
VERTICAL GRANITE CURB PLAN VIEW



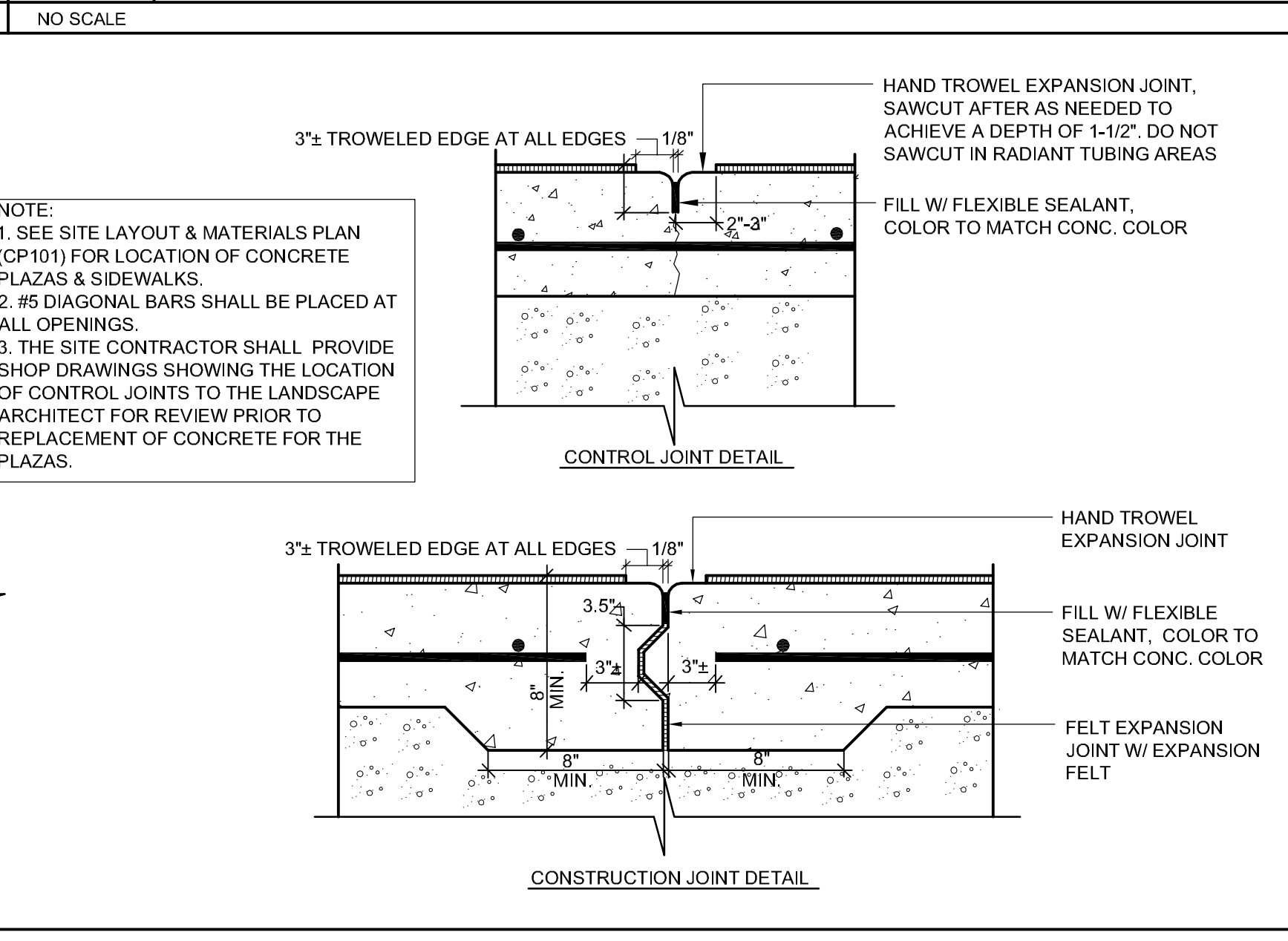
VERTICAL GRANITE CURB CROSS SECTION



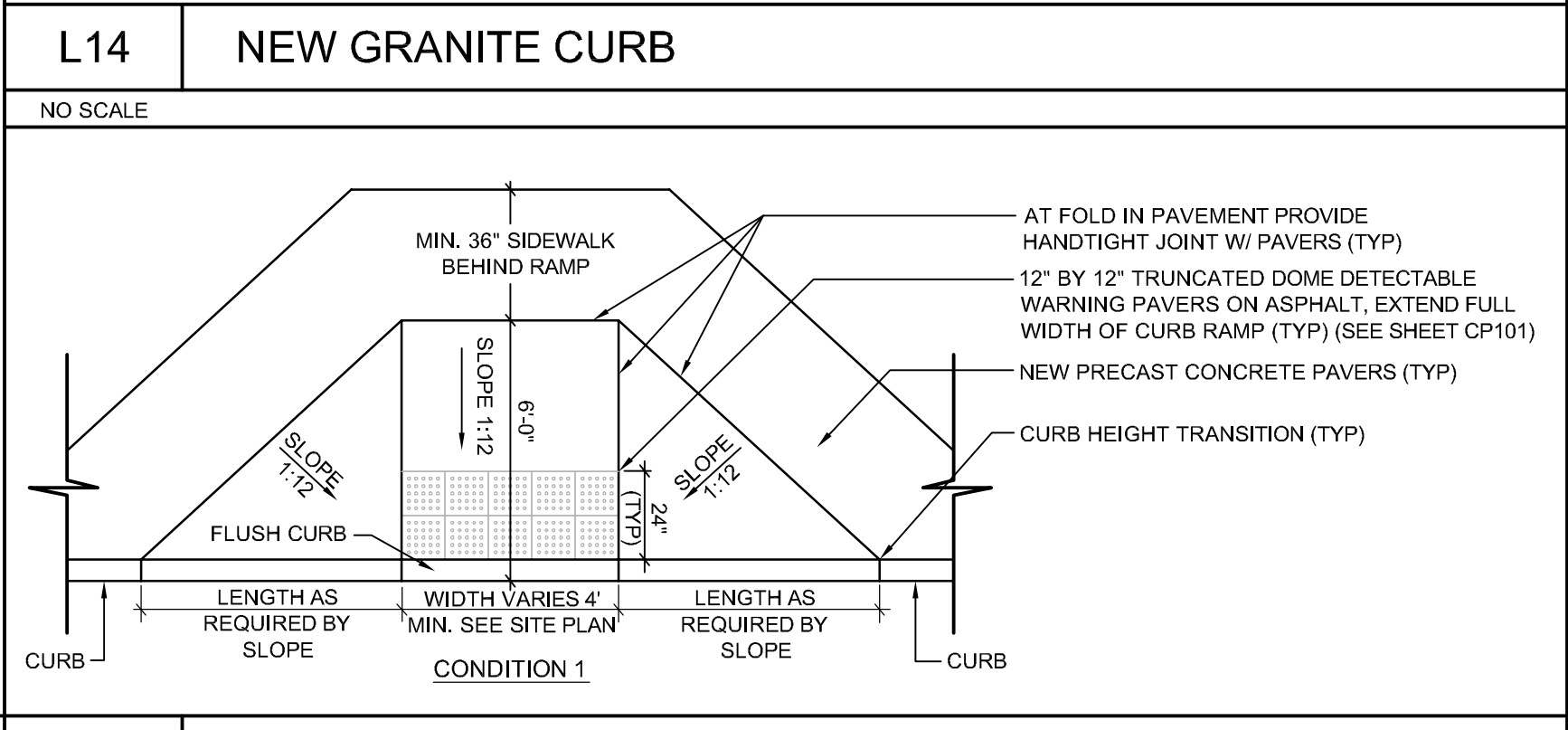
J1 NEW BRICK PAVER ON ASPHALT



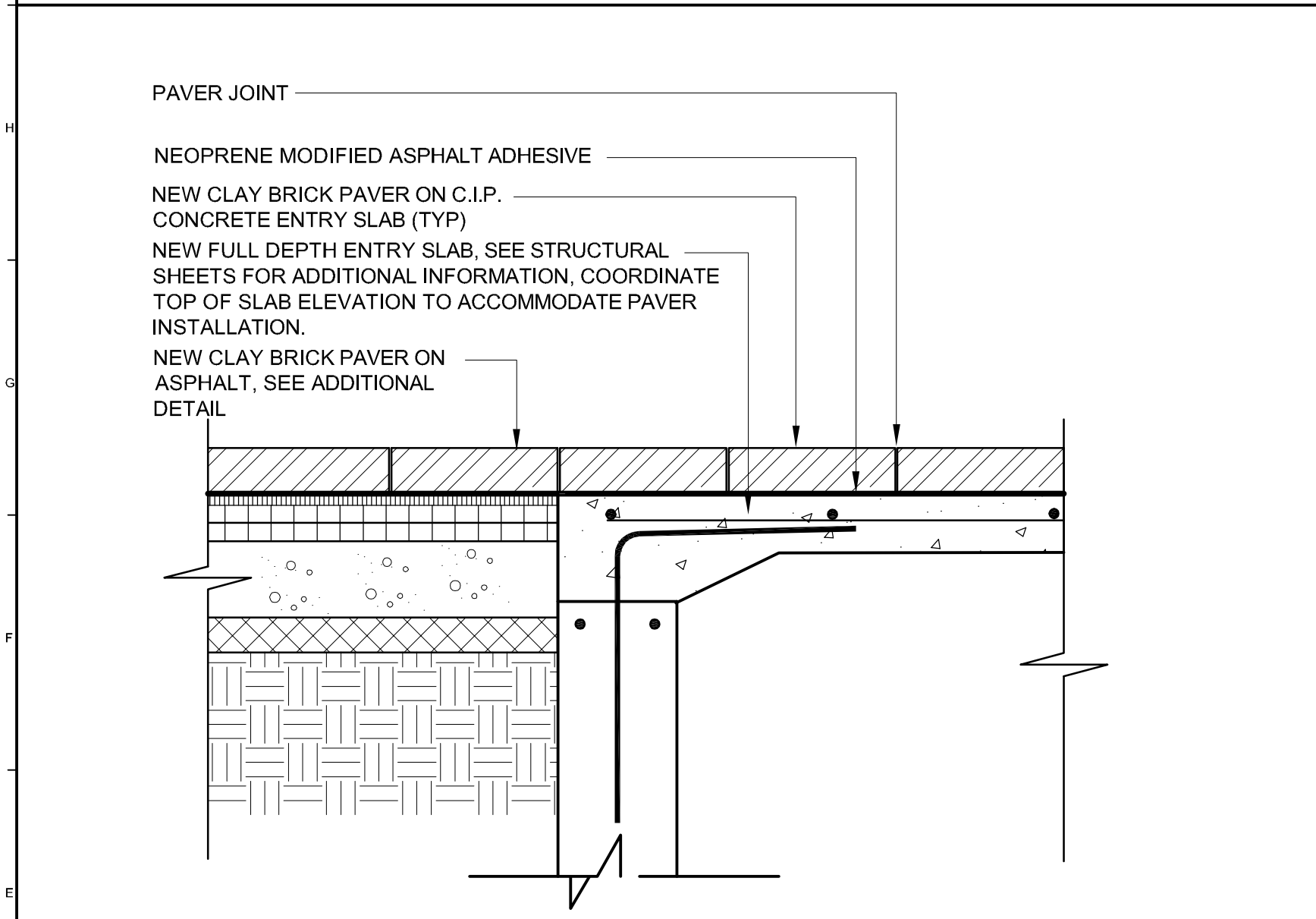
J6 NEW C.I.P. CONCRETE SIDEWALK



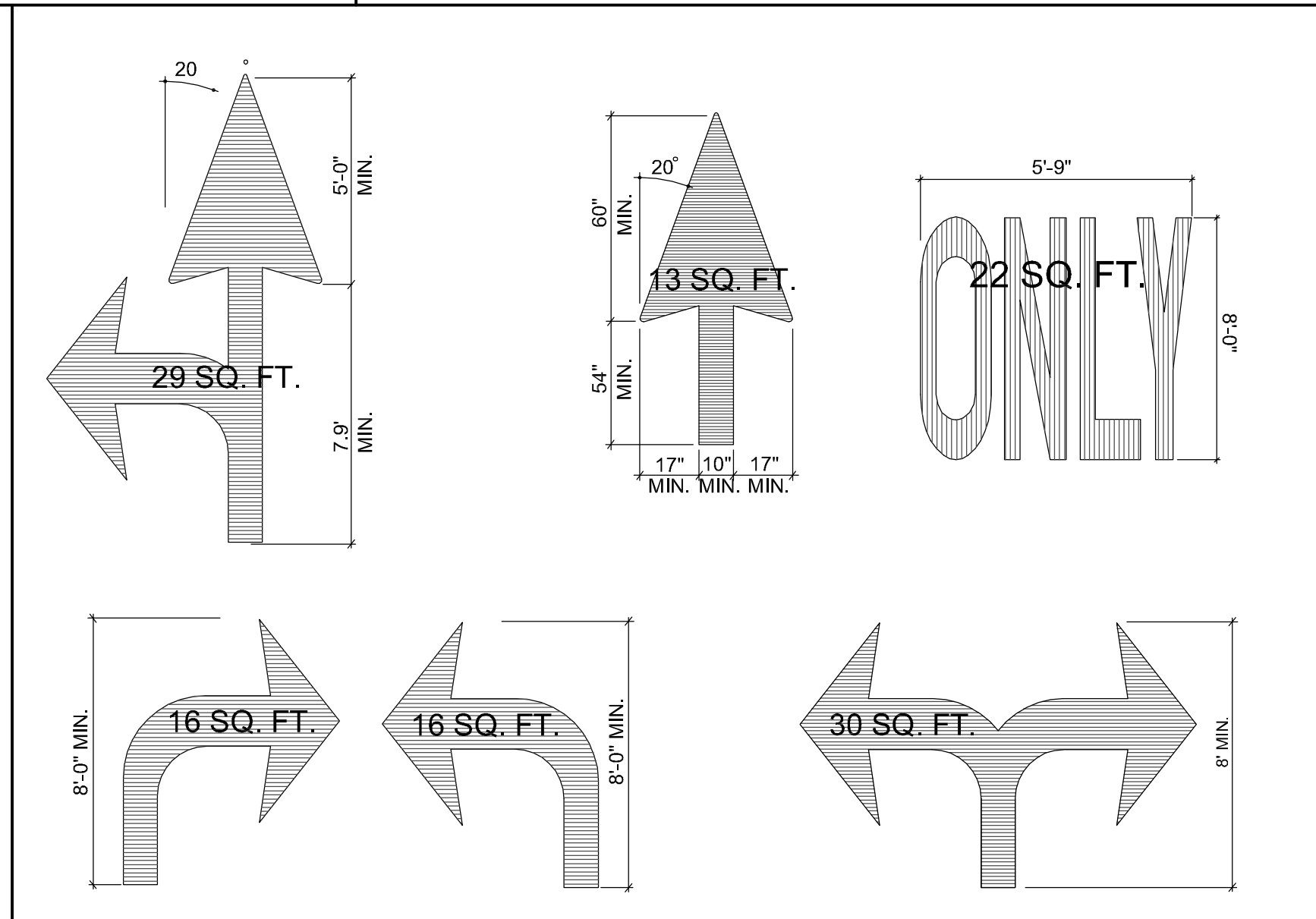
CONTROL JOINT DETAIL
CONSTRUCTION JOINT DETAIL



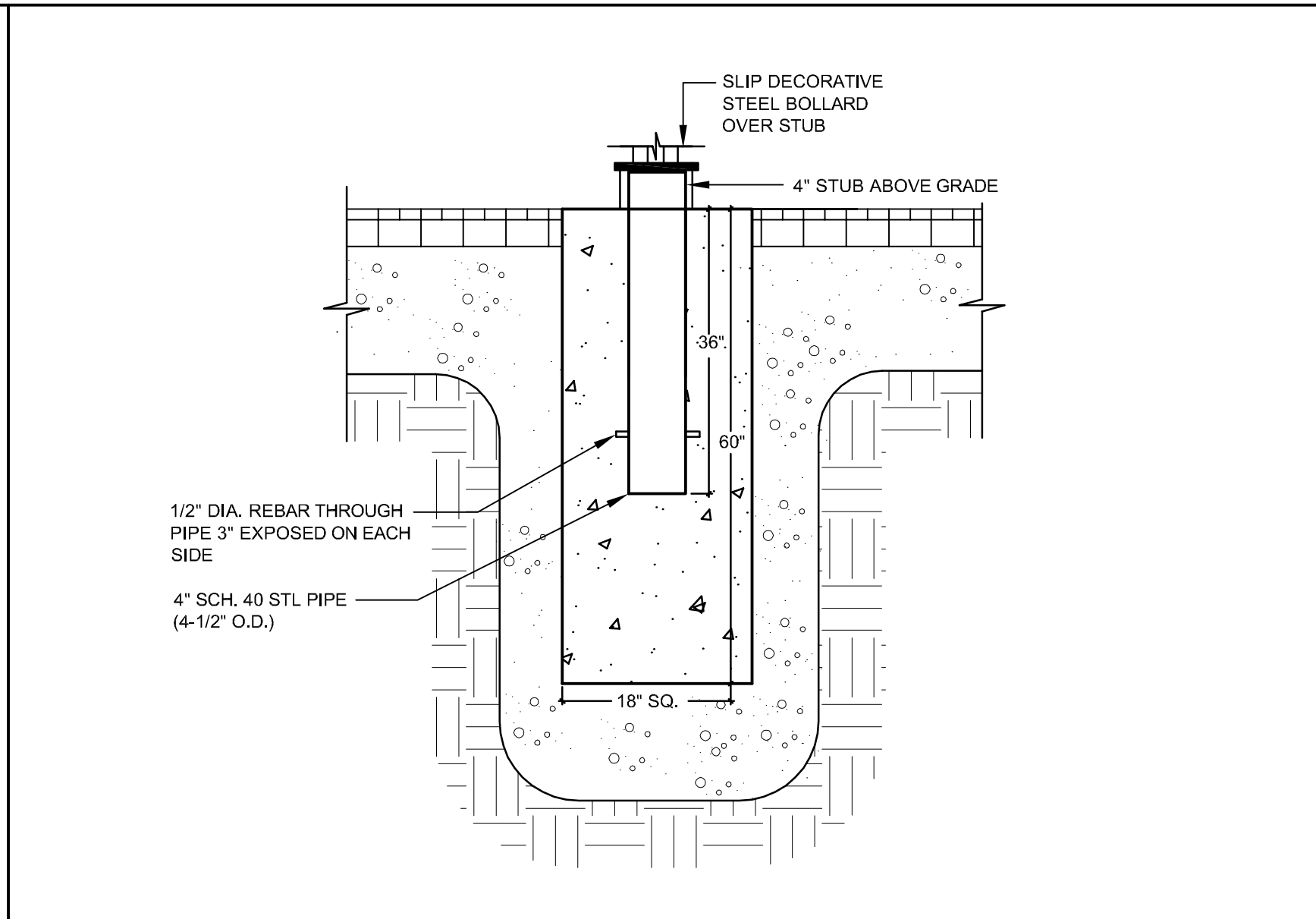
L14 NEW GRANITE CURB
J14 NEW ADA RAMP



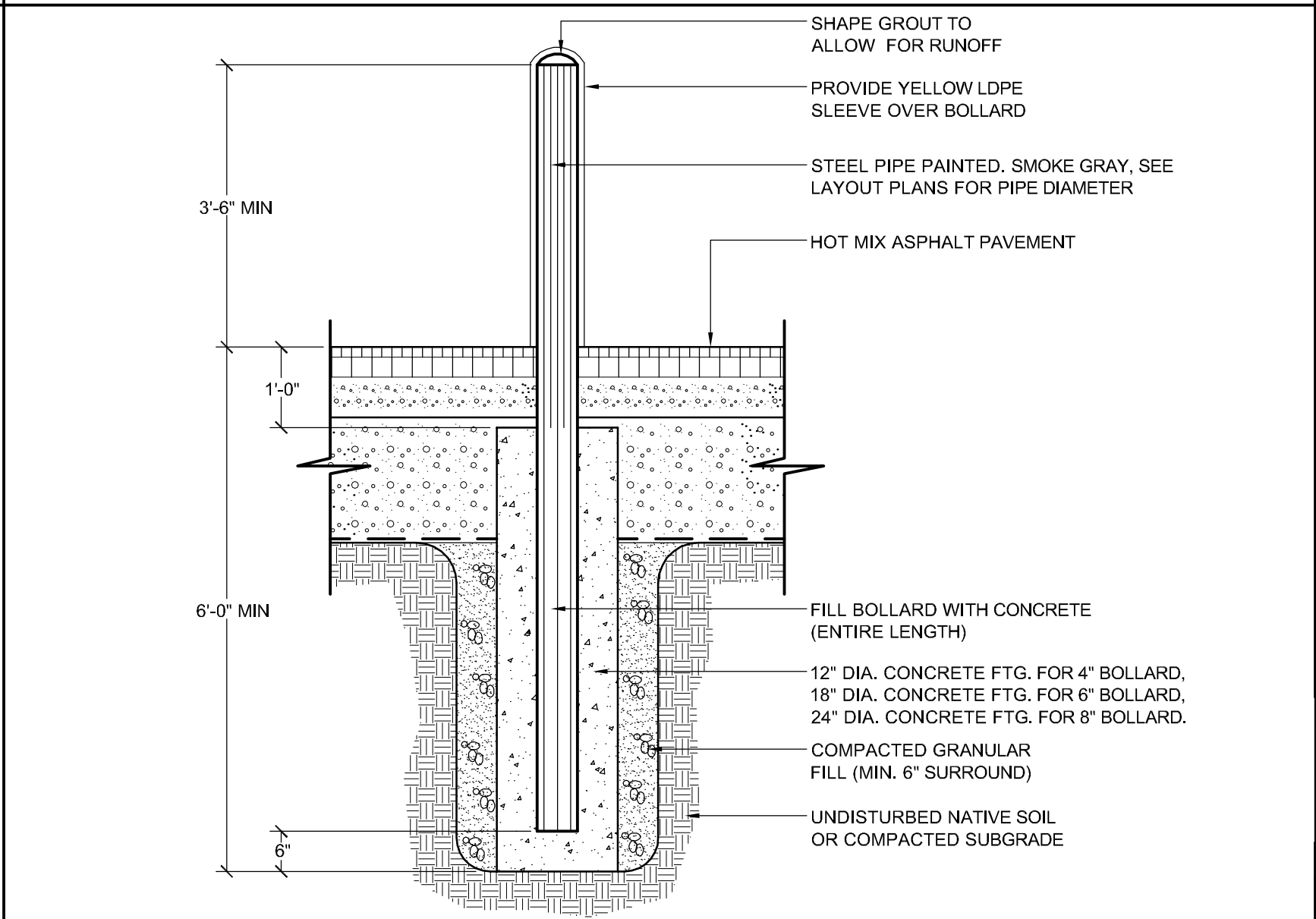
E1 NEW BRICK PAVER ON STRUCTURAL ENTRY SLAB



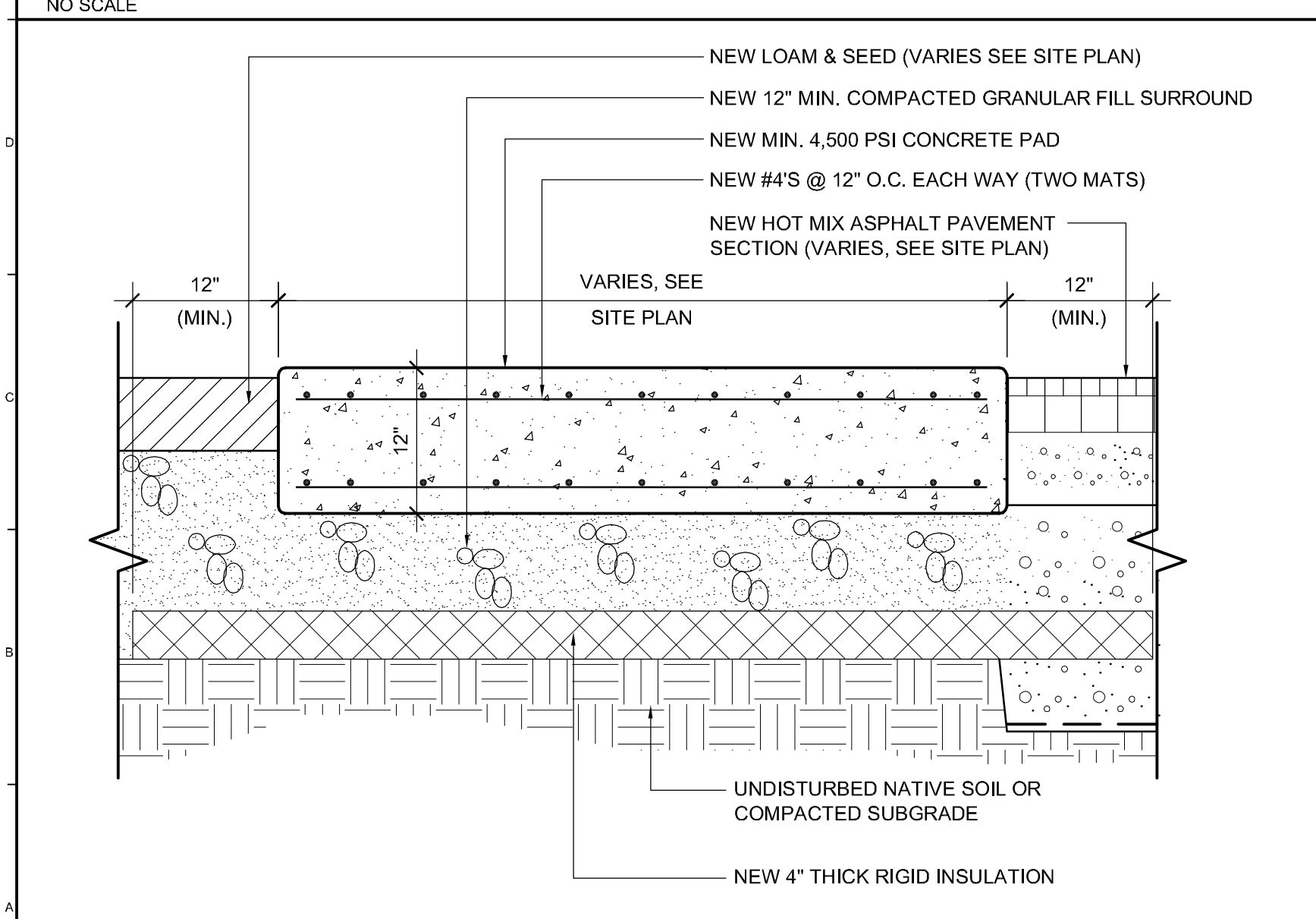
E5 NEW PAINTED PAVEMENT MARKINGS



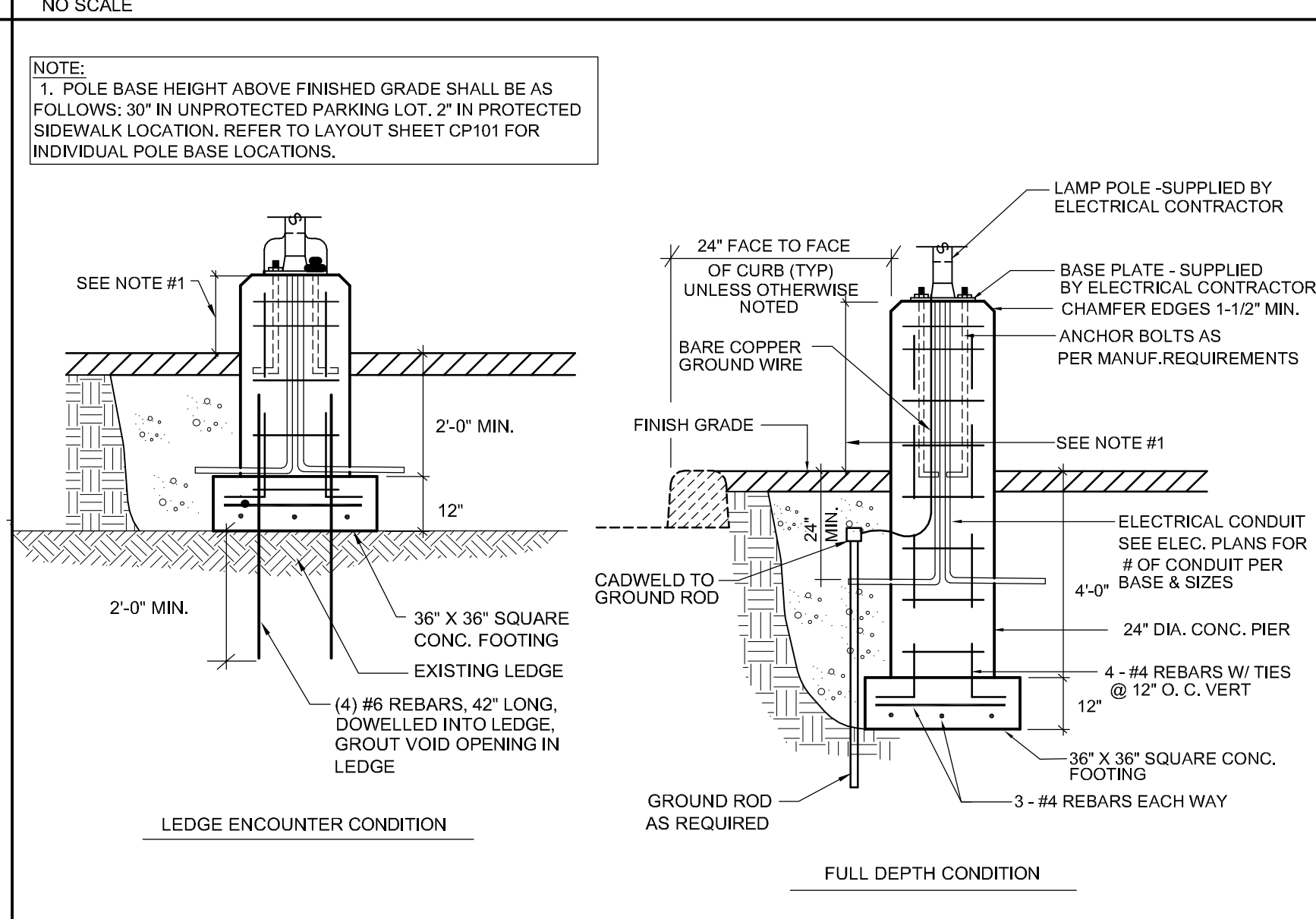
E10 NEW DECORATIVE STEEL BOLLARD



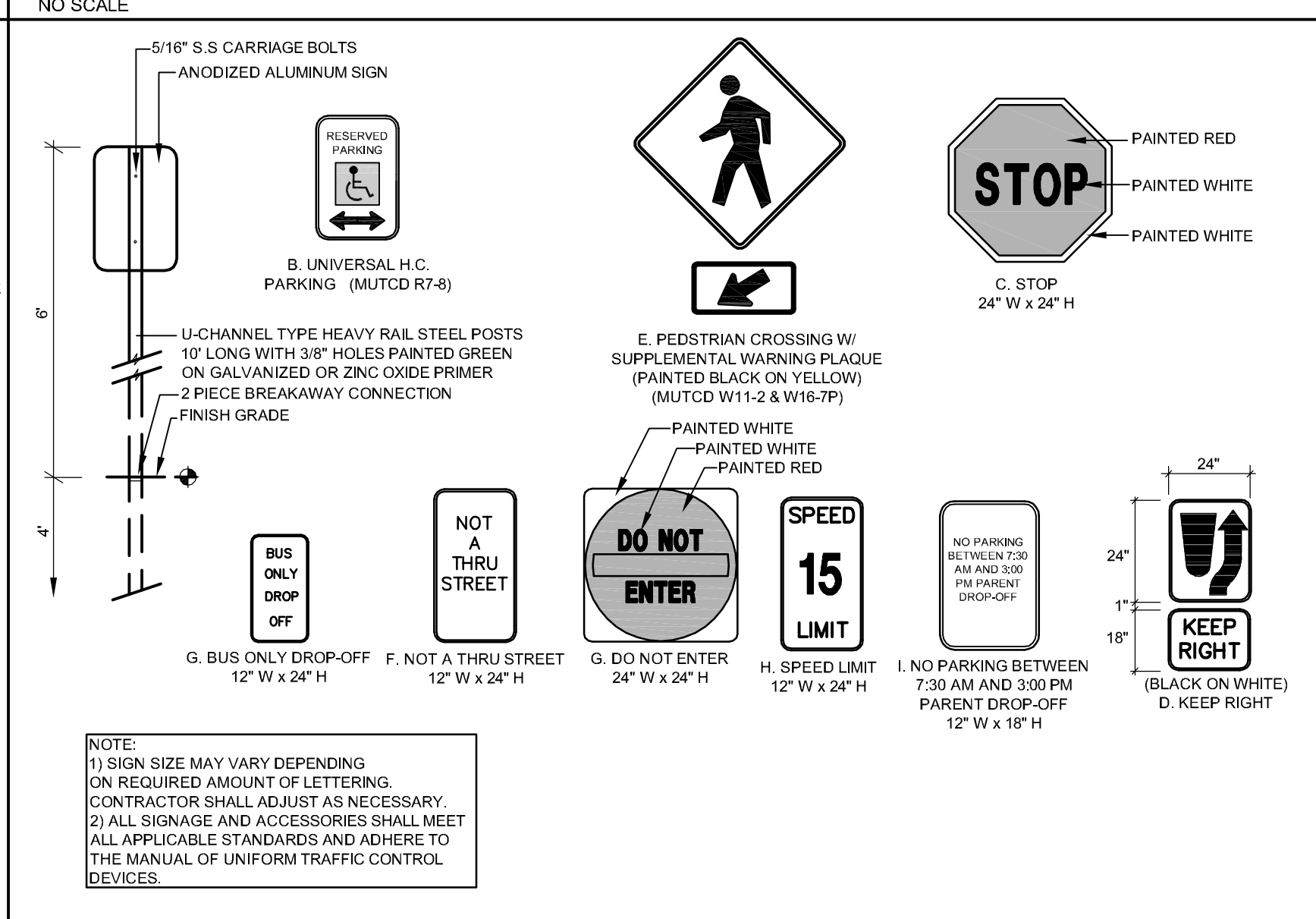
E14 NEW STEEL BOLLARD



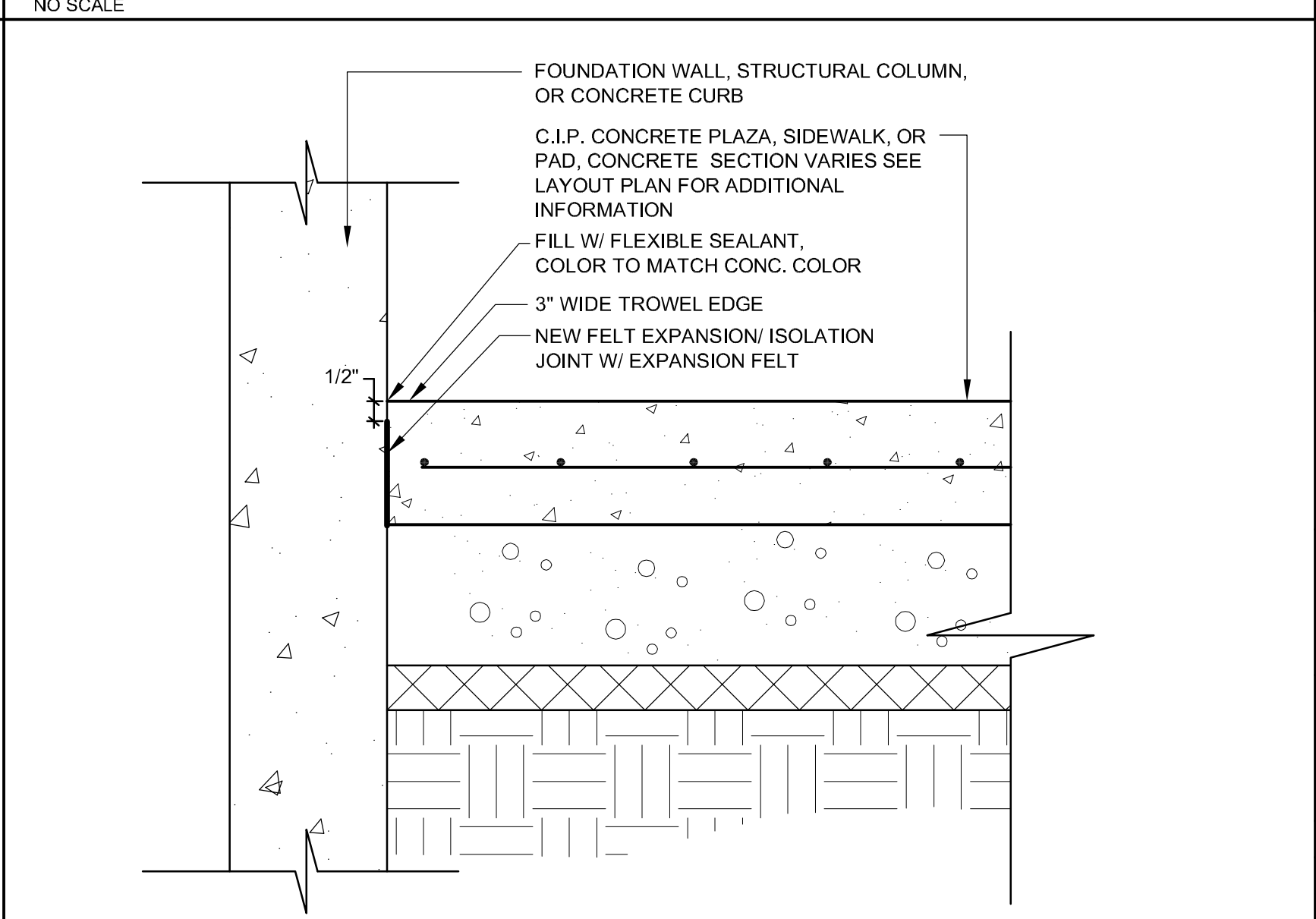
A1 NEW C.I.P. CONCRETE PAD (LOADING AREA)



A5 NEW CONCRETE LIGHT BASE



A10 SIGNAGE



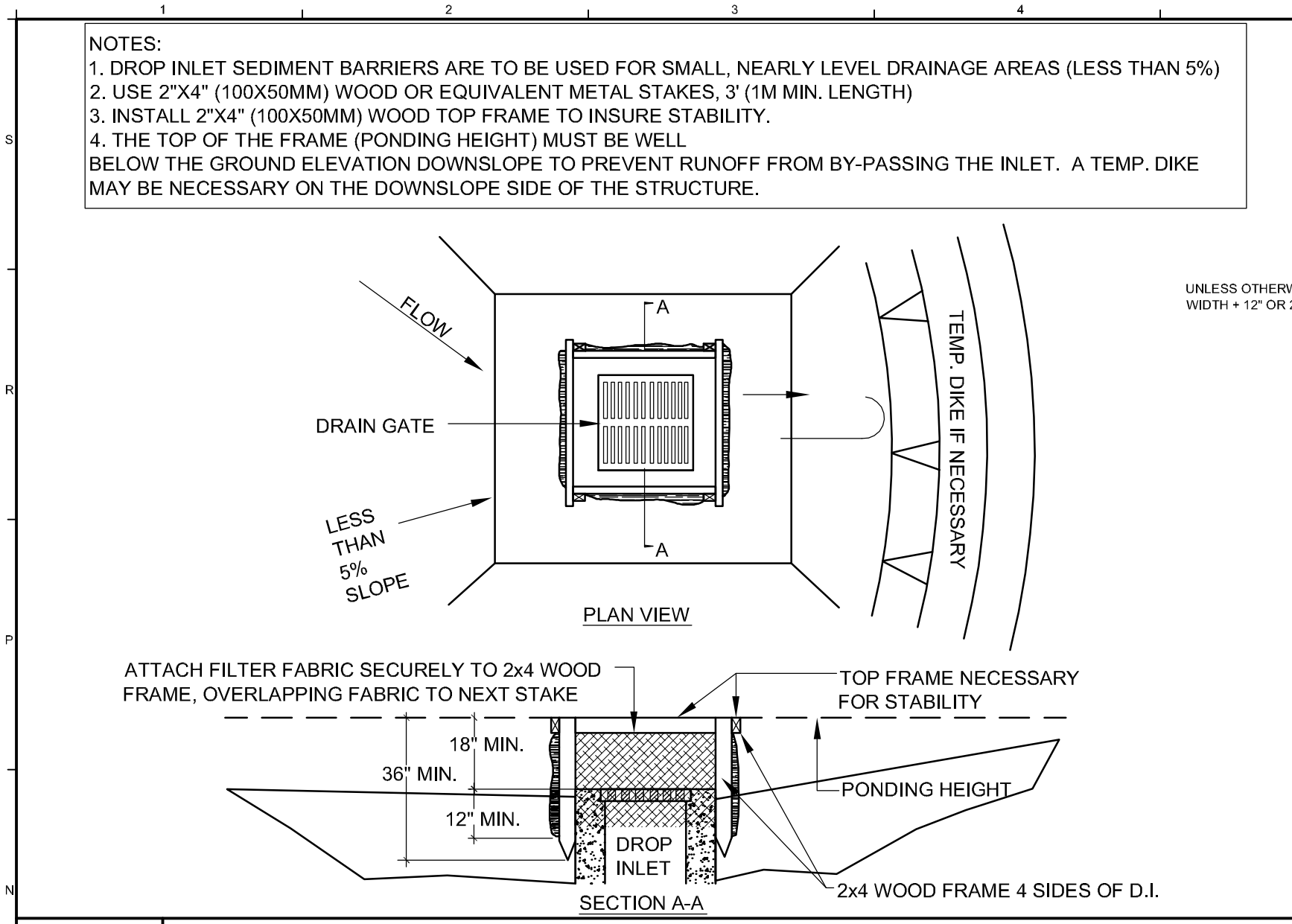
A14 NEW C.I.P. CONCRETE ISOLATION JOINT

1	PER CITY COMMENTS	05.29.12
REV.	DESCRIPTION	DATE

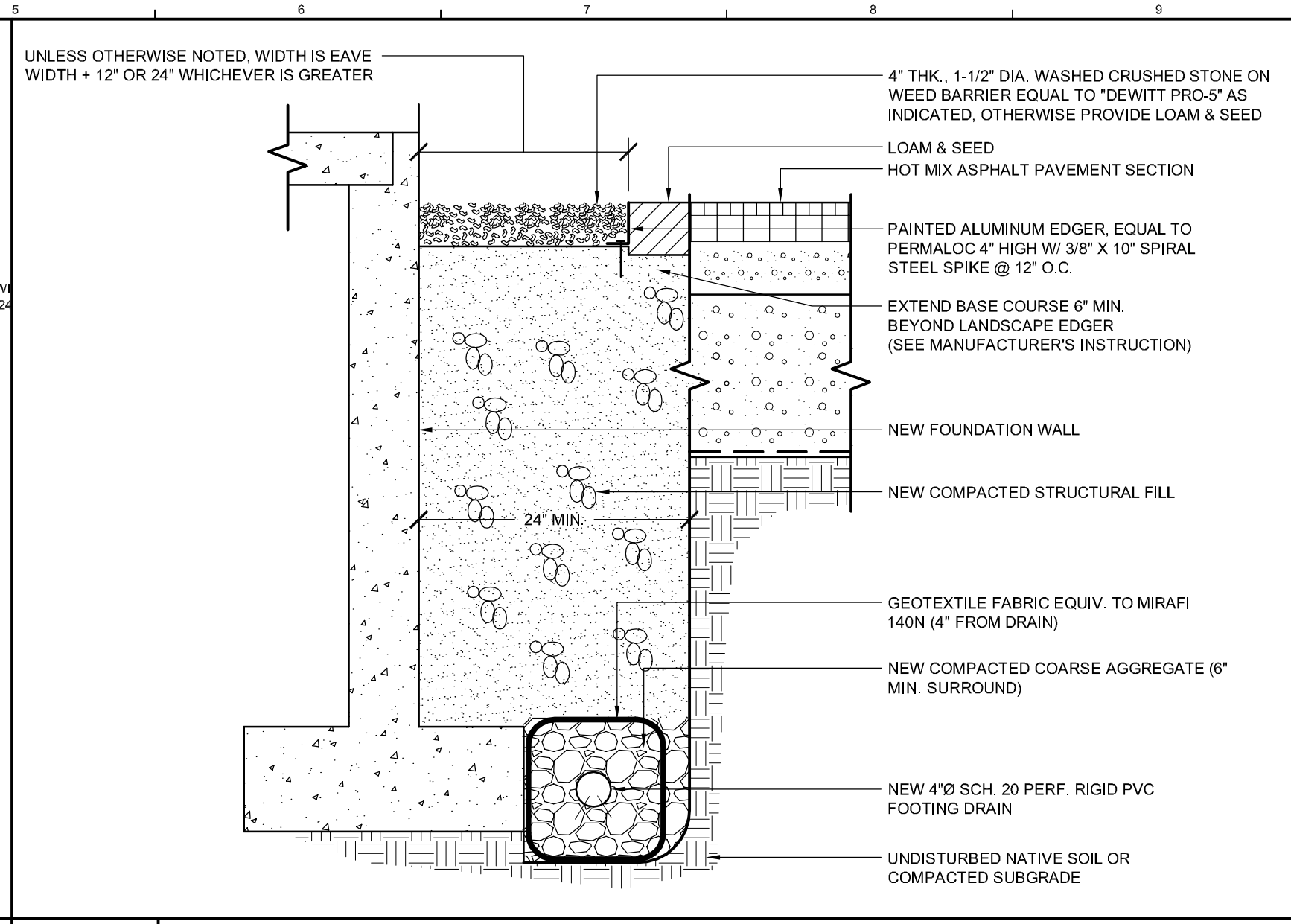
APPROVAL DRAWINGS	
05.11.12	
CURRENT ISSUE STATUS:	

WBRC ARCHITECTS ENGINEERS	
BANGOR, MAINE 207-947-4318 ROCKLAND, MAINE 207-581-4318 SARASOTA, FLORIDA 941-375-2862	
CUMBERLAND COUNTY CIVIC CENTER RENOVATION	
PROJECT: PORTLAND, MAINE	
SITE DETAILS	
SHEET TITLE:	375700-C501.DWG
WBRC CAD FILE:	3757.00
PROJECT NO.:	3757.00
SCALE:	AS SHOWN
PROJECT MANAGER:	MEJ
DRAWN BY:	JWB
CHECKED BY:	ARB
SHEET NO.:	C501

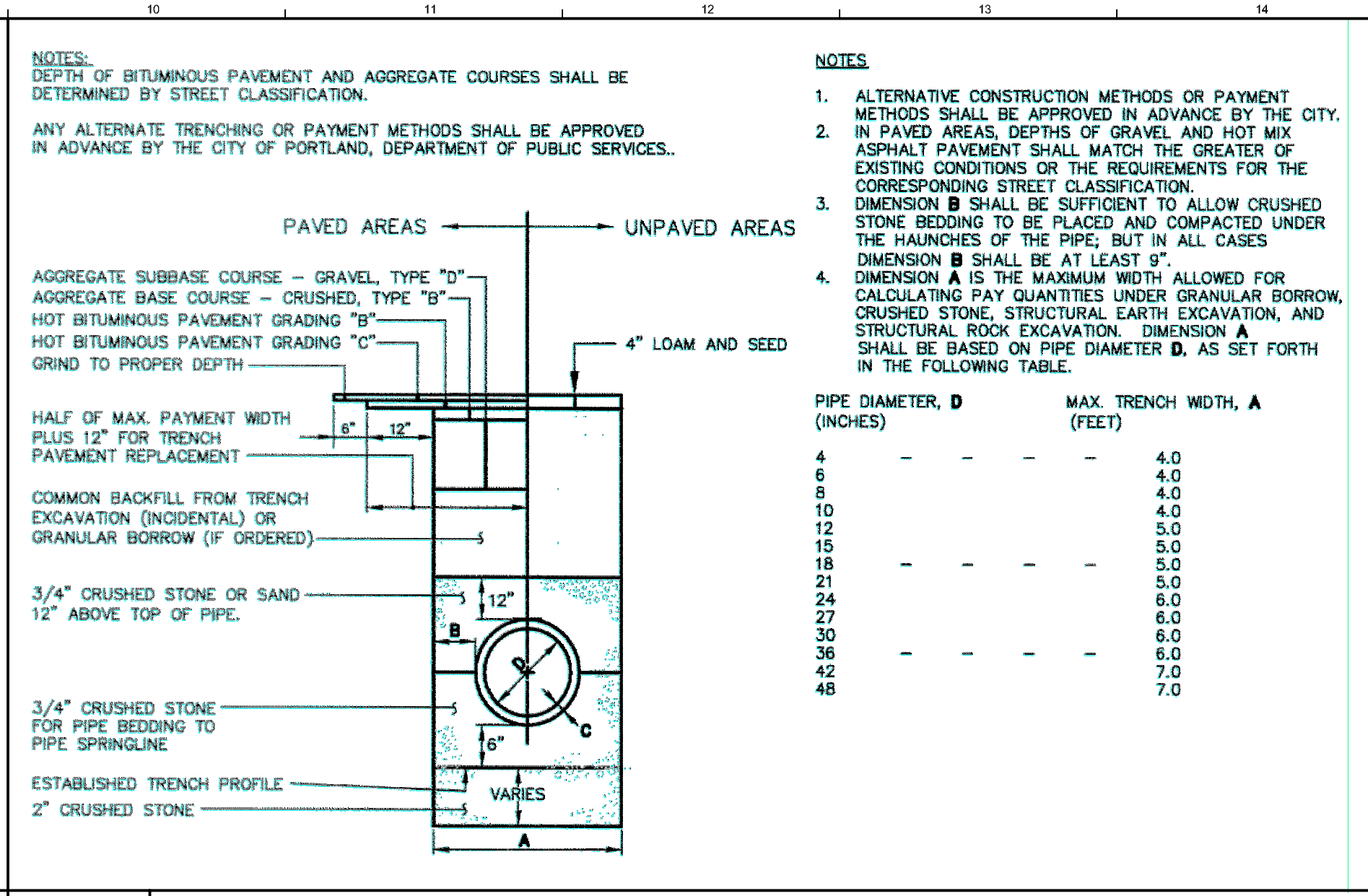
May 24, 2012 - 3:24pm
 I:\01-363-0375-000-Cumberland_City_Civic_Center_Renovations\Design\Site\375700-C501.dwg jwb:arb



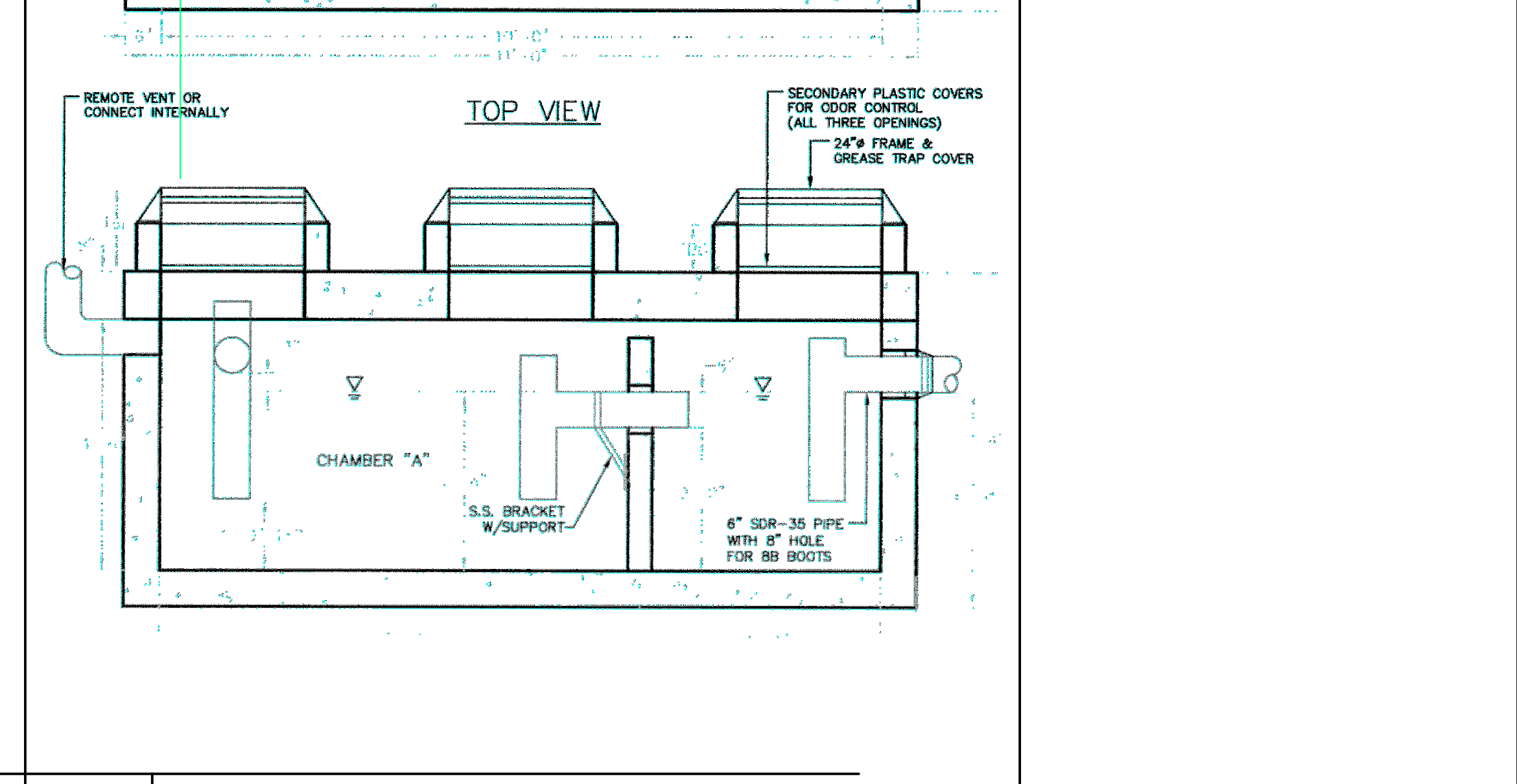
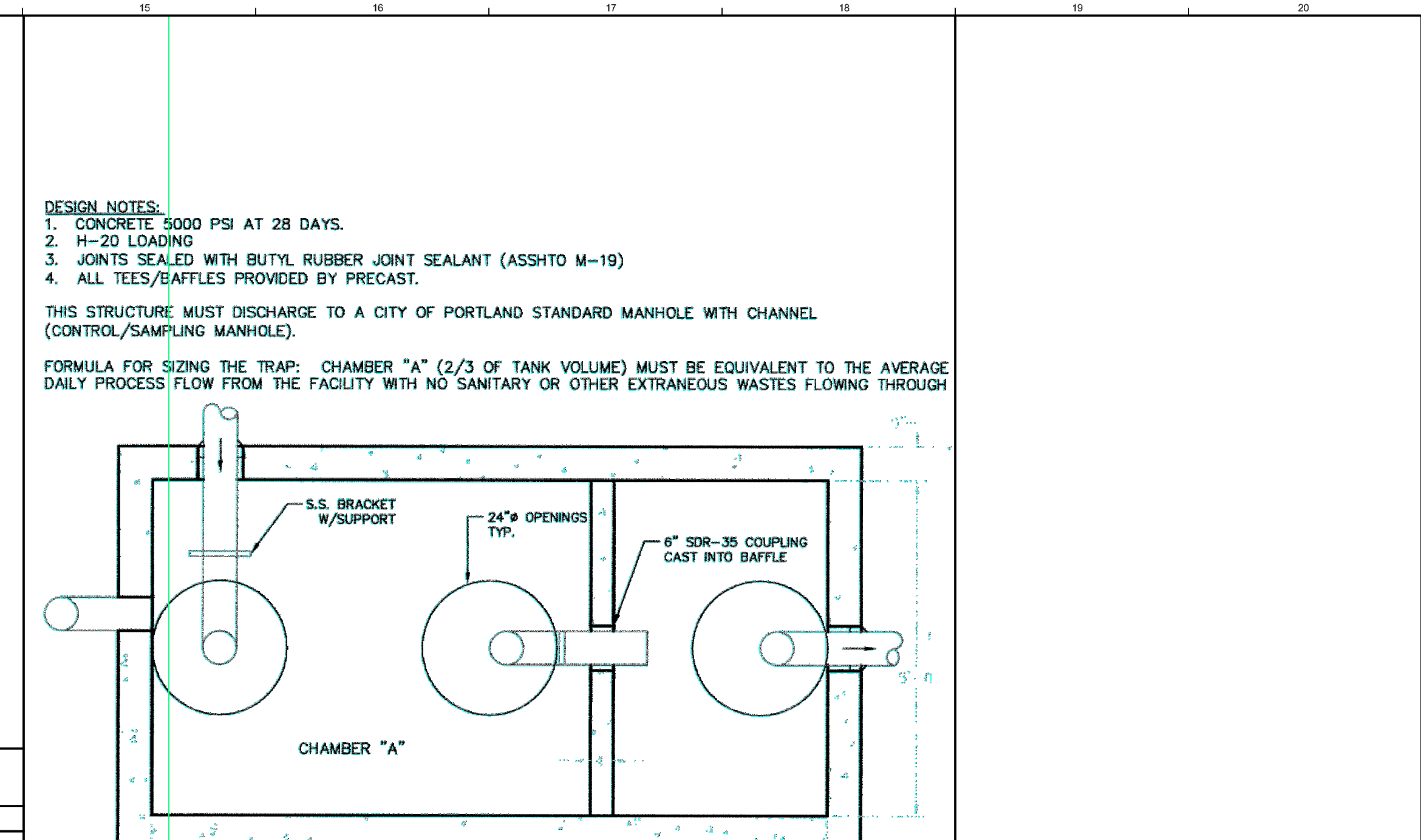
N1 TEMPORARY INLET PROTECTION
NO SCALE



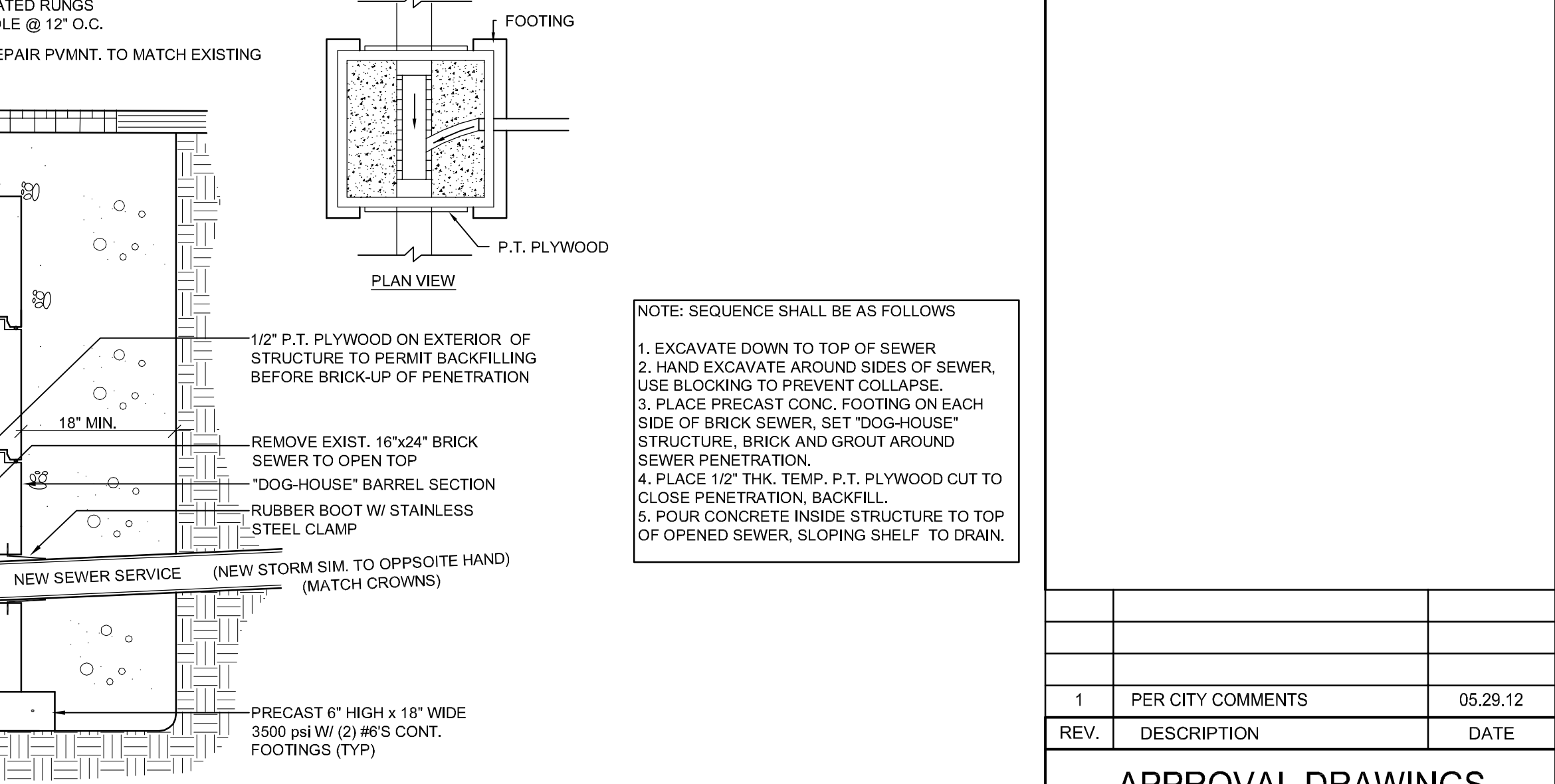
N5 NEW FOUNDATION DRAIN
NO SCALE



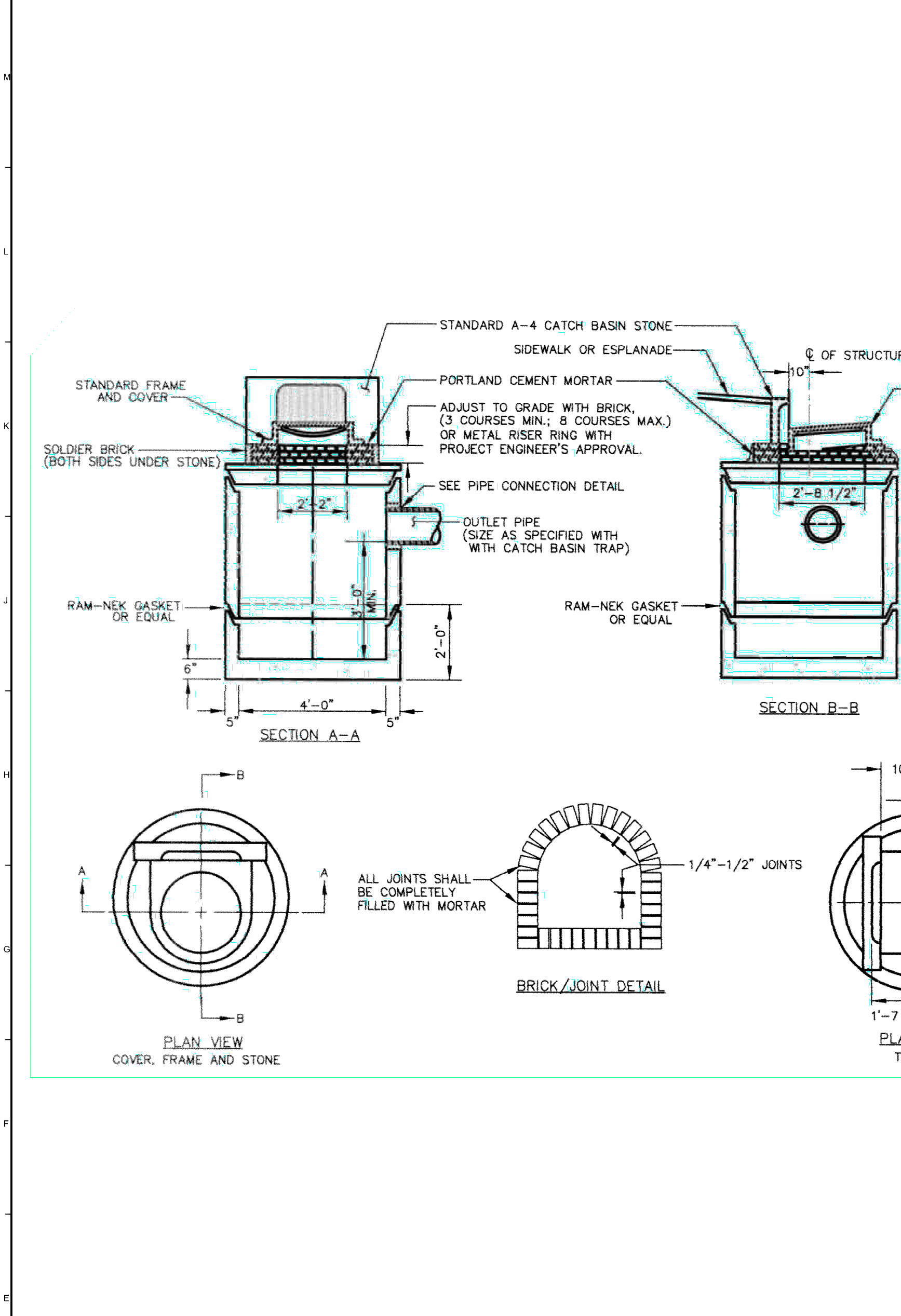
N10 TYPICAL PIPE TRENCH
NO SCALE

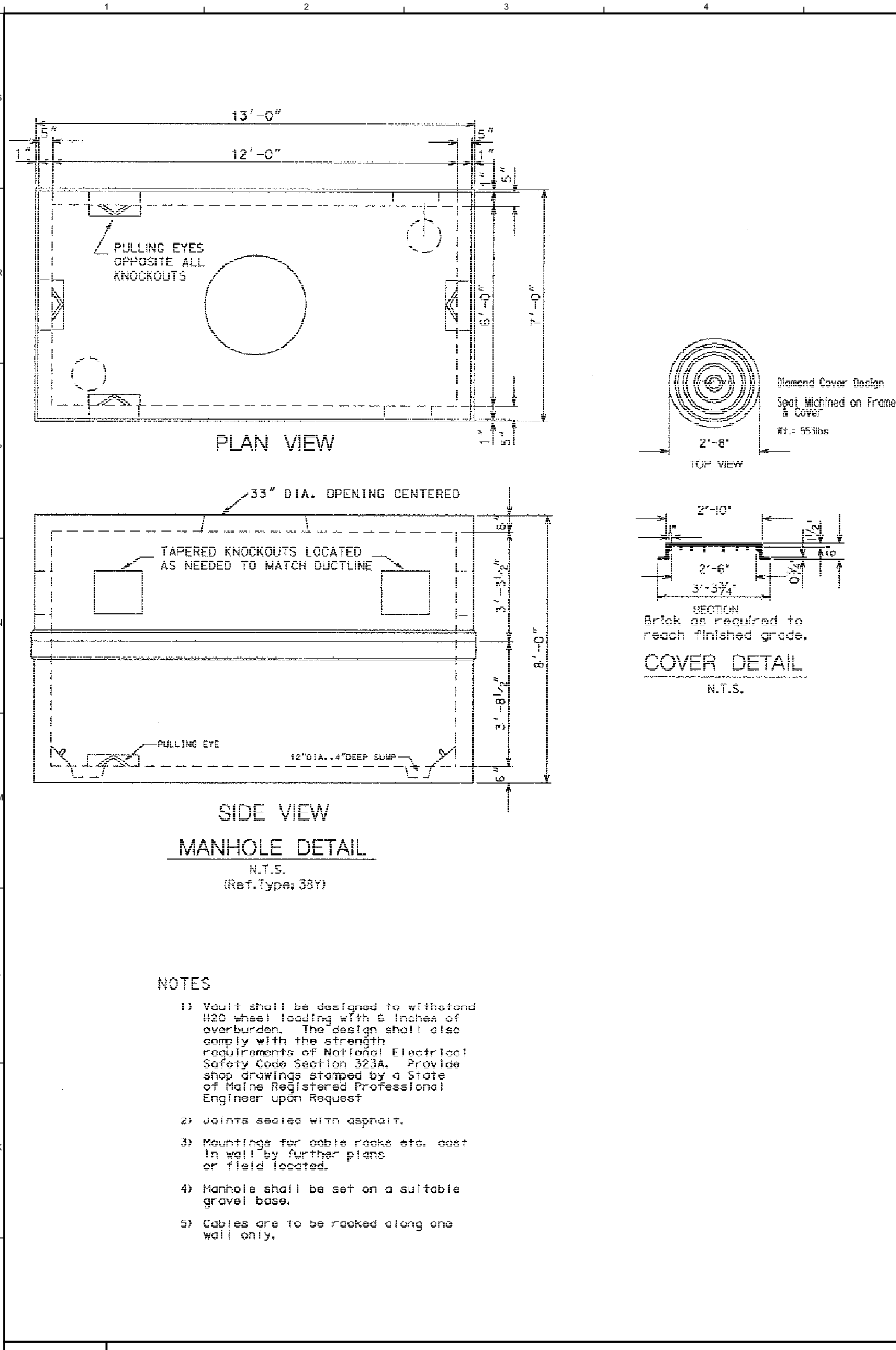


J11 NEW CATCH BASIN TRAP (CASCO TRAP)
NO SCALE

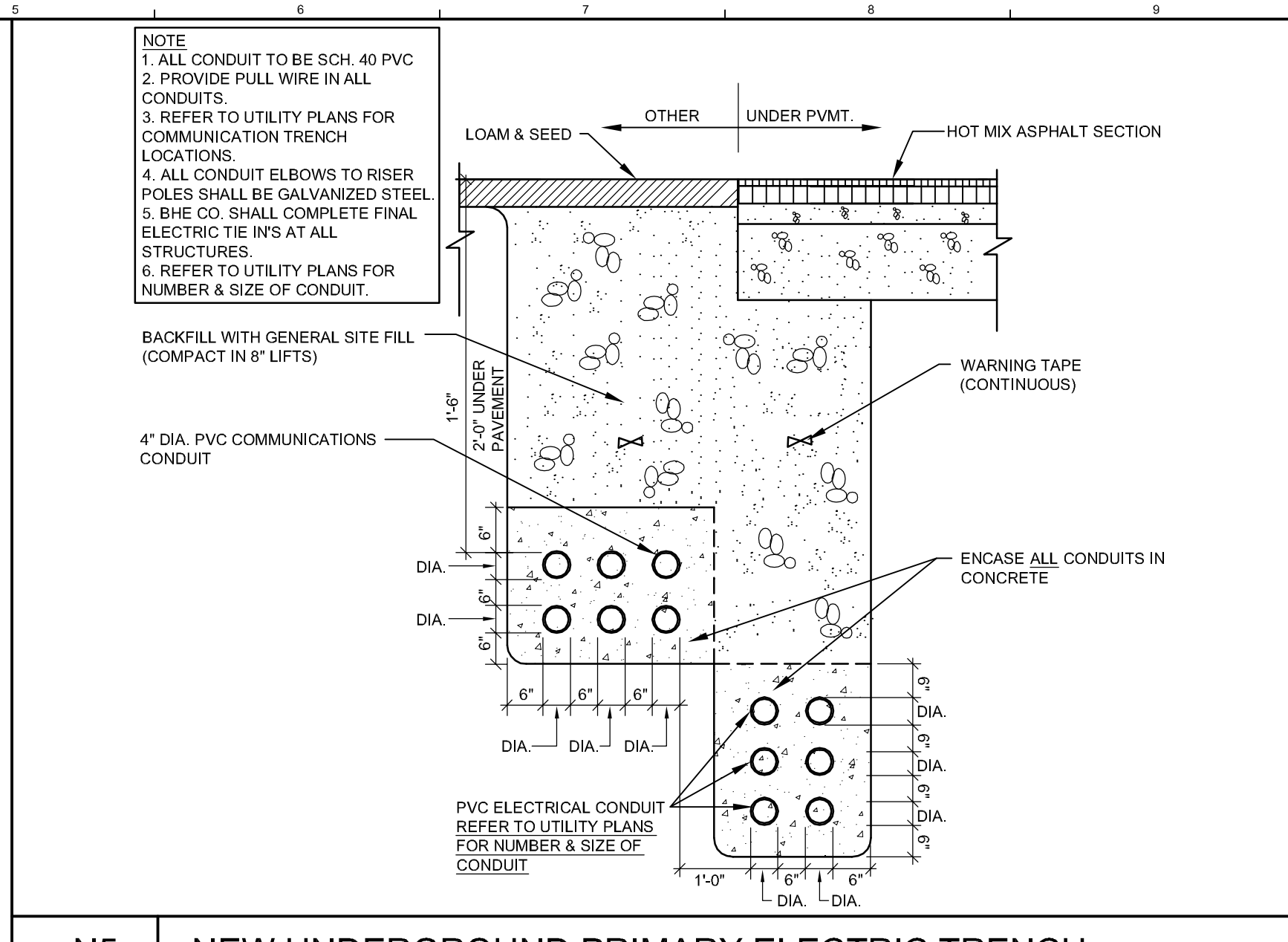


J14 NEW PRECAST CONCRETE GREASE TRAP
NO SCALE

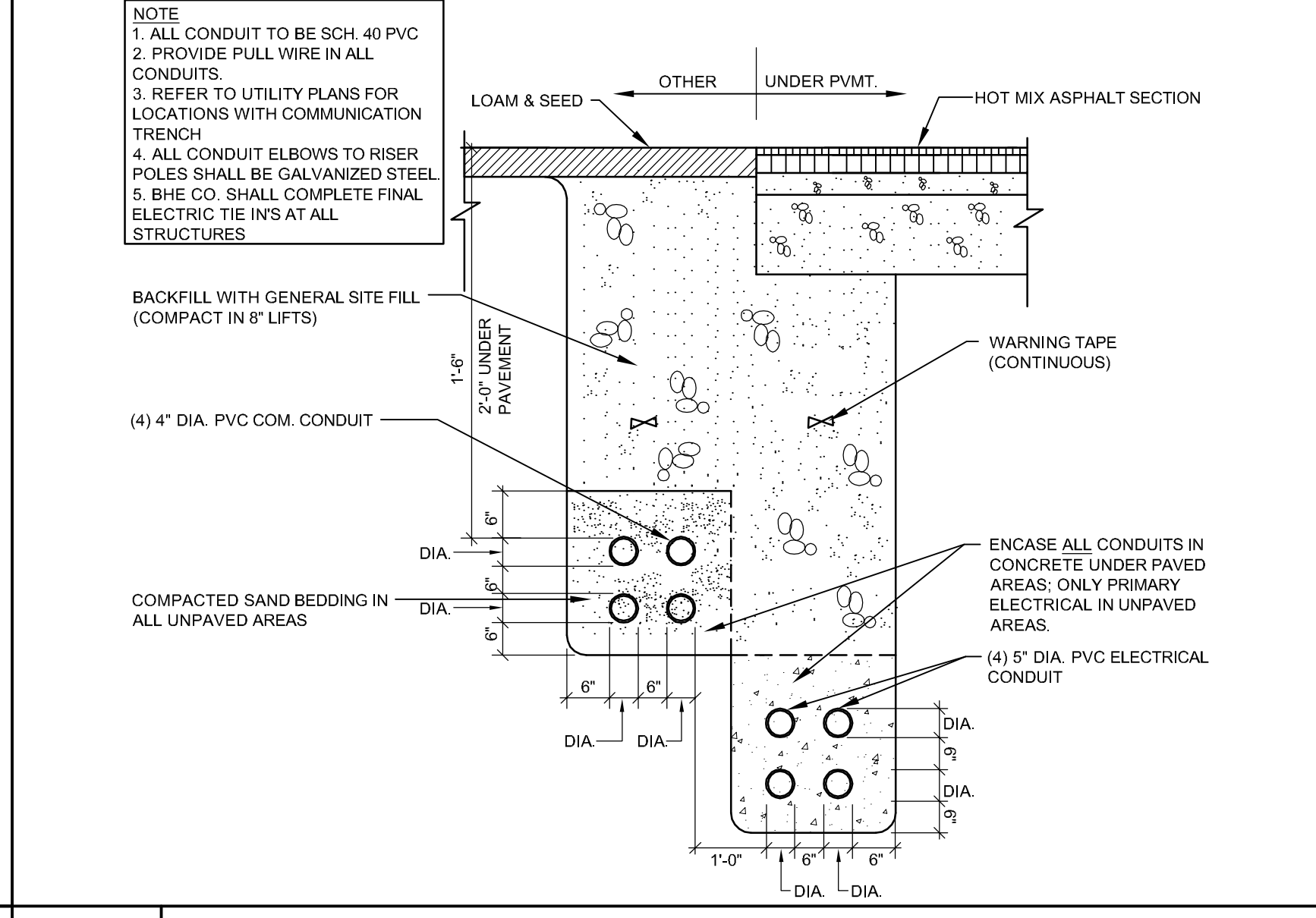




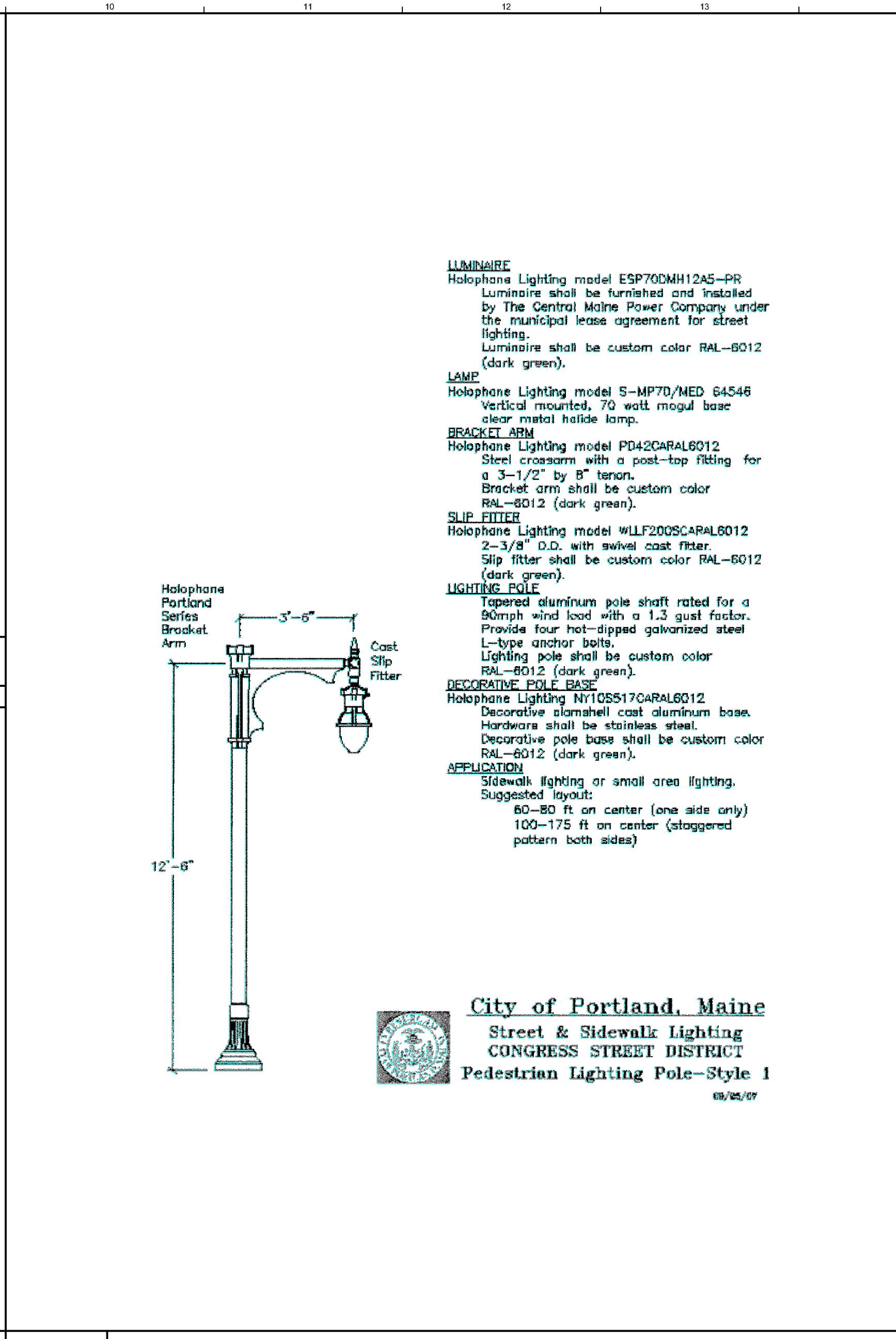
J1 NEW ELECTRICAL MANHOLE
NO SCALE



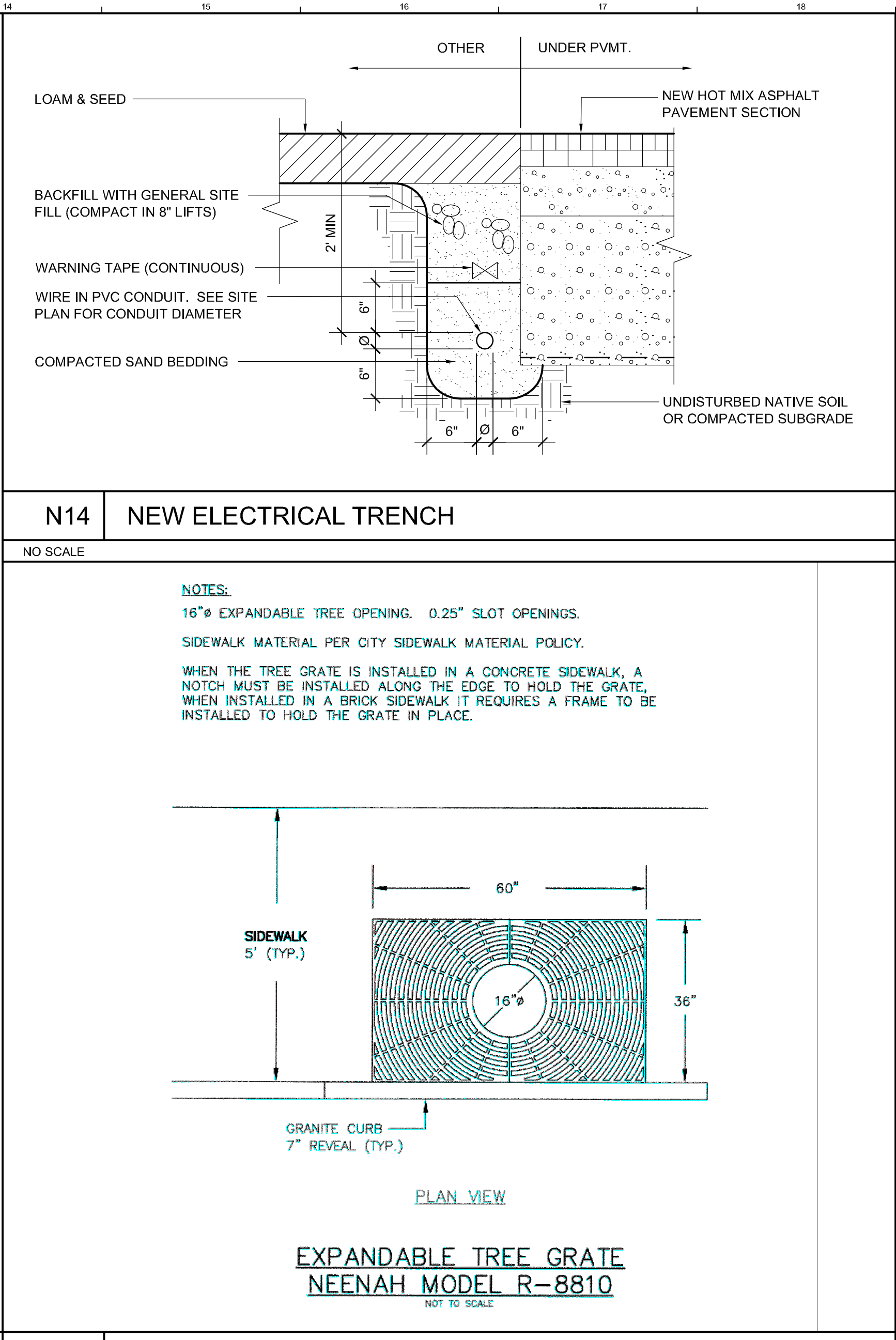
N5 NEW UNDERGROUND PRIMARY ELECTRIC TRENCH
NO SCALE



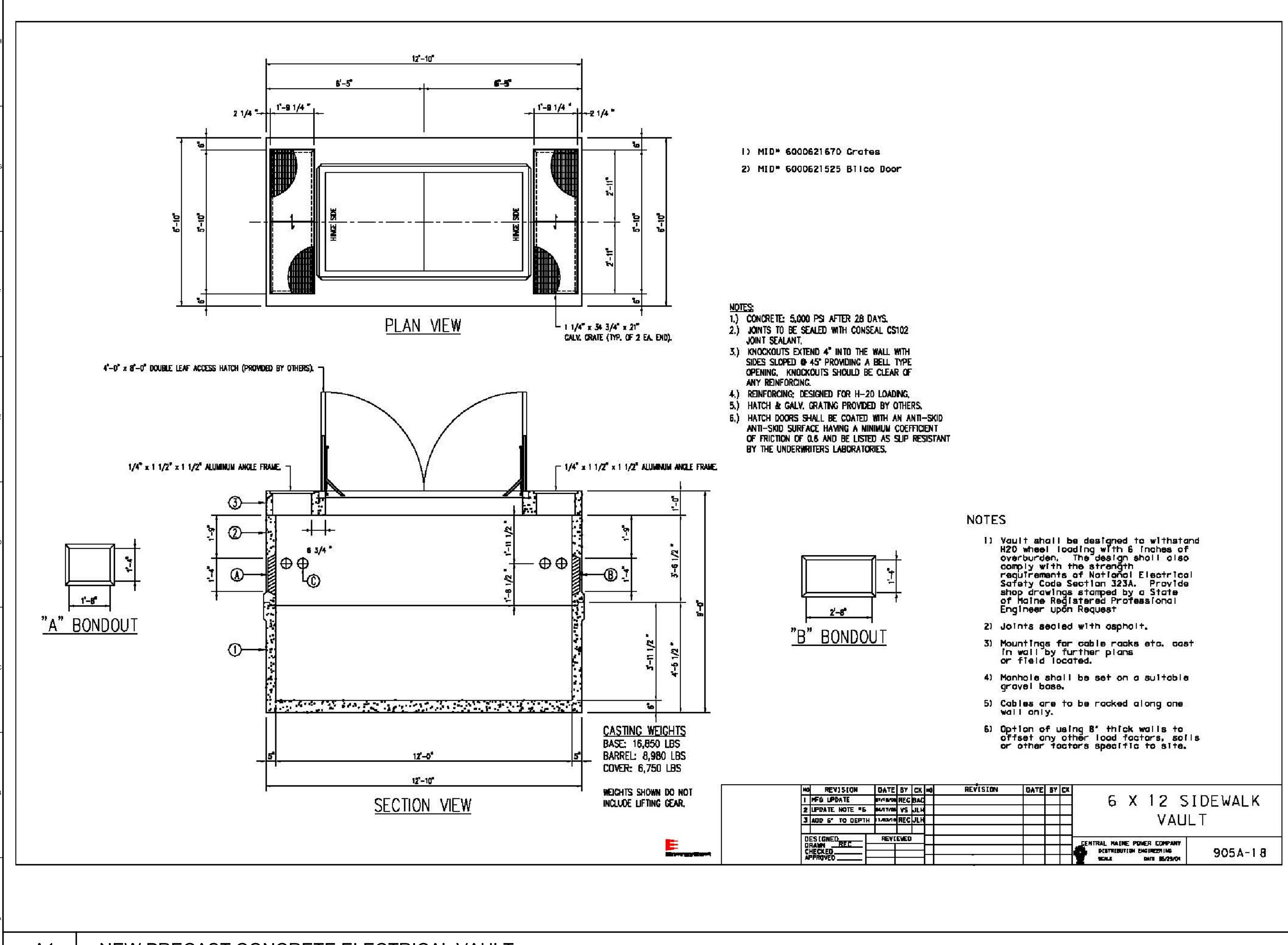
J5 NEW UNDERGROUND SECONDARY ELECTRIC TRENCH
NO SCALE



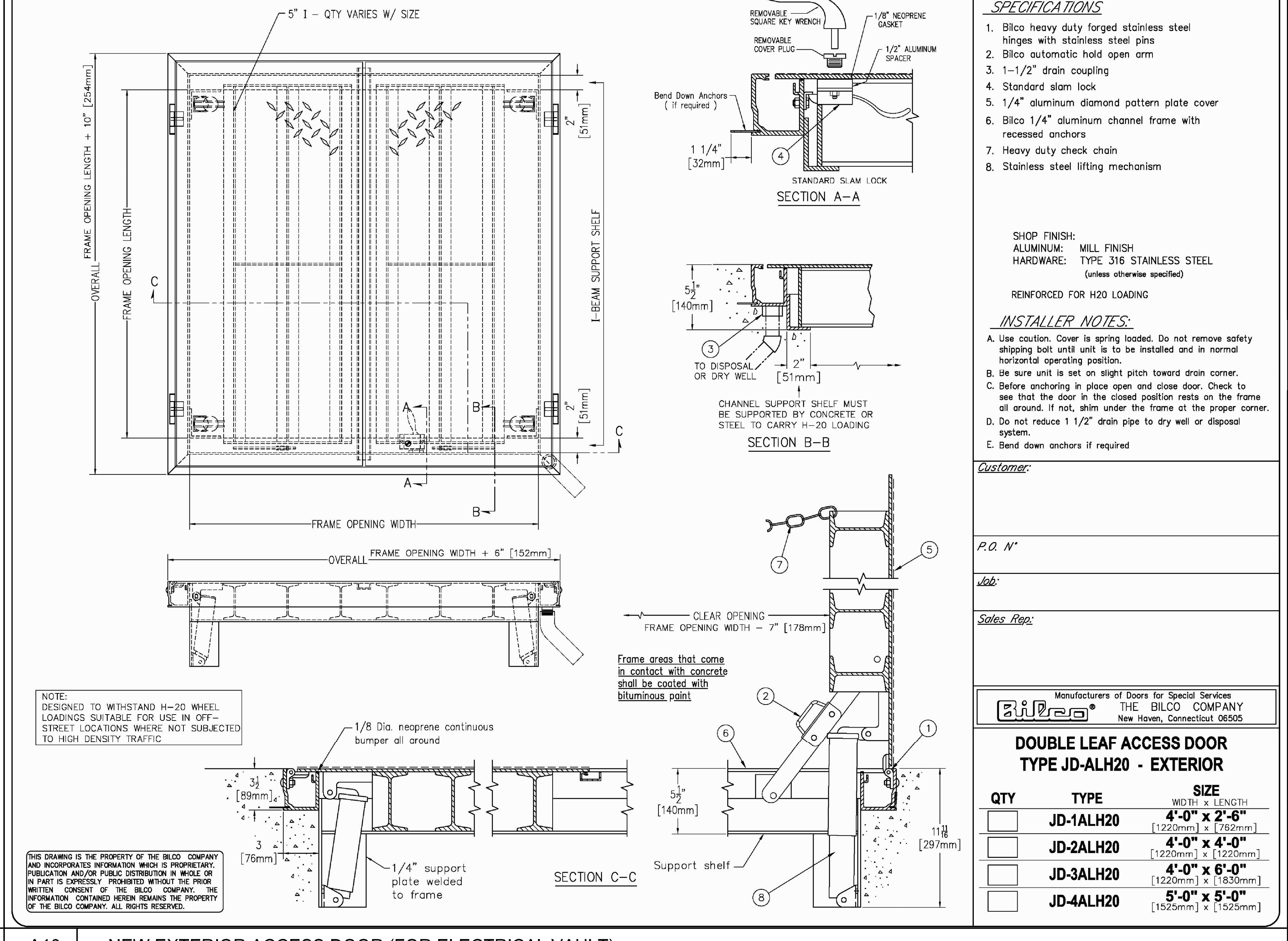
J10 NEW DECORATIVE SITE LIGHT
NO SCALE



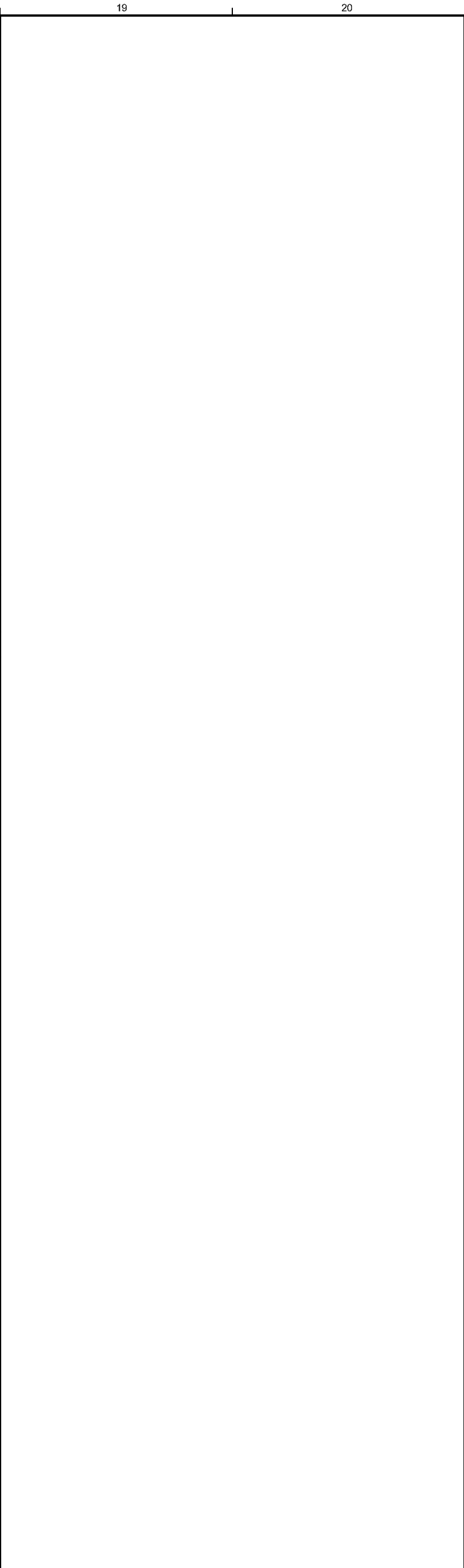
J14 NEW TREE GRATE
NO SCALE



A1 NEW PRECAST CONCRETE ELECTRICAL VAULT
NO SCALE



A10 NEW EXTERIOR ACCESS DOOR (FOR ELECTRICAL VAULT)
NO SCALE



J14 NEW TREE GRATE
NO SCALE

APPROVAL DRAWINGS
05.11.12

CURRENT ISSUE STATUS:

REV.	DESCRIPTION	DATE
1	PER CITY COMMENTS	05.29.12

Customer:

P.O. #:

Job:

Sales Rep:

WBRC ARCHITECTS • ENGINEERS

MANUFACTURERS OF DOORS FOR SPECIAL SERVICES
THE BILCO COMPANY
New Haven, Connecticut 06505

DOUBLE LEAF ACCESS DOOR
TYPE JD-ALH20 - EXTERIOR

QTY	TYPE	SIZE
	JD-1ALH20	4'-0" x 2'-6" [1220mm] x [782mm]
	JD-2ALH20	4'-0" x 4'-0" [1220mm] x [1220mm]
	JD-3ALH20	4'-0" x 6'-0" [1220mm] x [1830mm]
	JD-4ALH20	5'-0" x 5'-0" [1525mm] x [1525mm]

CUMBERLAND COUNTY
CIVIC CENTER RENOVATION

PROJECT: PORTLAND, MAINE

SITE DETAILS

SHEET TITLE: WBRC CAD FILE: 3757.00 GRAPHIC SCALE: 0" = 1'-0"

PROJECT NUMBER: 3757.00 SCALE: AS SHOWN PROJECT MANAGER: MEJ SHEET NO. C503

DRAWN BY: JWB

CHECKED BY: ARB

May 24, 2012 9:24am
 I:\Projects\3757\3757-C503\C503-C501.dwg Job:WBRC

