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SECURITY:

Secure Our City
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Wellesley, MA 02771
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PRELIMINARY PLAN REVIEW

October 20, 2025

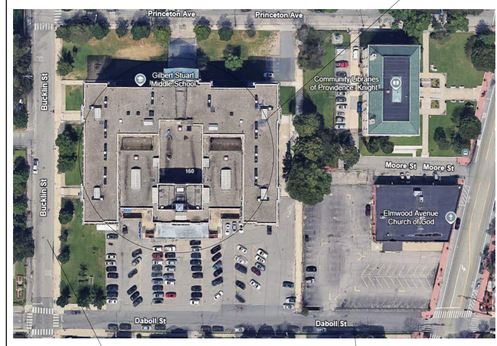
PROJECT:
LIMA STUART PK-8 SCHOOL

188 PRINCETON AVENUE
PROVIDENCE, RI 02905

OWNER:
PROVIDENCE SCHOOL DEPARTMENT
717 WESTMINSTER STREET,
PROVIDENCE RI 02903

DRAWING LIST:

LIMA STUART
PK-8 SCHOOL



Bucklin Street

Daboll Street

LOCUS MAP

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GENERAL:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING (R&D) OF ALL MATERIALS INDICATED ON THE PLANS IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
2. STOCKPILES OF EARTH MATERIALS SHALL NOT BE LOCATED ADJACENT TO DRAINAGE STRUCTURES.
3. ALL DISTURBED AREAS OUTSIDE OF THE PAVED AREAS WILL RECEIVE A MINIMUM OF 6" OF LOAM AND SEED.
4. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SURVEY LAYOUT SERVICES FOR THE WORK AND SHALL SUBMIT "AS-BUILT" DRAWINGS OF ALL WORK, WHICH SHALL BE STAMPED AND CERTIFIED BY A RHODE ISLAND REGISTERED PROFESSIONAL LAND SURVEYOR.
5. ANY ITEM OF WORK NOT SPECIFICALLY INDICATED ON THE PLANS BUT IS REQUIRED FOR THE COMPLETE CONSTRUCTION OF THE PROJECT WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND INCLUDED IN THE CONTRACT BID PRICE. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING SITE CONDITIONS.
6. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR ACTUAL SIZE OF THE PROPOSED BUILDING WORK RELATED TO BUILDINGS.
7. WHERE NECESSARY TO REMOVE CURBS, CATCH BASINS OR DRAINS TO COMPLETE WORK, THE CONTRACTOR SHALL REPLACE SUCH ITEMS TO THE SATISFACTION OF THE CITY/OWNER AT NO ADDITIONAL COST TO THE OWNER.
8. ANY EXISTING PIPE OR UTILITY DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR AT NO COST TO THE OWNER OR CITY.
9. THE CONTRACTOR SHALL RESTORE TO ITS ORIGINAL CONDITION OR REPLACE TREES, SHRUBS, FENCES, SIGNS, GUARDRAILS, DRIVEWAYS, SIDEWALKS AND ANY OTHER OBJECT AFFECTED BY THIS OPERATION.
10. THE TOPS OF ALL VALVE BOXES AND CURB BOXES SHALL BE FLUSH WITH GROUND OR PAVEMENT SURFACE LEVEL AND PLUMB, UNLESS OTHERWISE DIRECTED.
11. ROADWAYS SHALL BE LEFT PASSABLE AT ALL TIMES. CLOSURE OF ROADWAY IS NOT PERMITTED.
12. THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL DRIVEWAYS AT COMPLETION OF EACH DAY'S WORK.
13. WATER SERVICE SHALL BE MAINTAINED AT ALL TIMES.
14. ALL LEDGE TO BE REMOVED BY MECHANICAL MEANS.
15. ALL CONSTRUCTION WORK SHALL BE PERFORMED IN THE DRY. THE CONTRACTOR SHALL PROVIDE, OPERATE AND MAINTAIN ALL PUMPS, DRAINS, WET POINTS, SCREENS, OR OTHER FACILITIES NECESSARY TO CONTROL, COLLECT AND DISPOSE OF ALL SURFACE AND SUBSURFACE WATER ENCOUNTERED IN THE PERFORMANCE OF THE WORK.
16. ALL IMPORTED FILL MATERIAL SHALL BE CLEAN FILL, FREE OF DEBRIS AND ORGANIC MATTER. MATERIAL SHALL BE SUBJECT TO TESTING IF SO DIRECTED BY THE OWNER OR ENGINEER.
17. SITE TOPOGARPHY BASED ON ASSUMED DATUM AS NOTED ON THE PLANS.

LAYOUT NOTE(S):

THE LAYOUT SHOWN REPRESENTS A GRAPHICAL DESIGN, AND PRIOR TO THE CONSTRUCTION, THE CONTRACTOR SHALL ENGAGE A PROFESSIONAL LAND SURVEYOR (PLS) REGISTERED IN THE STATE OF RHODE ISLAND TO SET AND VERIFY ALL LINES AND GRADES. ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS ARE TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY ITEMS FOUND WHICH DO NOT MATCH THE PLANS MUST BE BROUGHT TO THE ENGINEERS ATTENTION PRIOR TO CONSTRUCTION FOR REVIEW. NO WORK SHALL PROCEED UNTIL AUTHORIZED BY THE ENGINEER.

GENERAL CONTRACTOR NOTES & REQUIREMENTS:

1. THE CONTRACTOR IS TO NOTIFY DIG SAFE PRIOR TO CONSTRUCTION.
2. A PRE-CONSTRUCTION MEETING IS REQUIRED. THE ARCHITECT AND ENGINEER OF RECORD AND CITY ENGINEER SHALL BE NOTIFIED PRIOR TO CONSTRUCTION.
3. CONTRACTOR TO OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS (IF APPLICABLE) PRIOR TO THE START OF CONSTRUCTION.
4. ALL CATCH BASINS AND MANHOLES TO BE 4FT DIAMETER UNLESS SPECIFIED OTHERWISE.
5. COMPACT, LOAM & SEED ALL DISTURBED AREAS. ADDITIONAL EROSION CONTROLS MAY BE REQUIRED BY THE SITE OR CITY ENGINEER.
6. AN APPROVED SET OF PLANS AND ALL APPLICABLE PERMITS MUST BE AVAILABLE AT THE CONSTRUCTION SITE. DEVIATIONS OR CHANGES WILL NOT BE ALLOWED UNLESS APPROVED BY THE ENGINEER.
7. THE CONTRACTOR SHALL VERIFY THE PROPOSED LAYOUT WITH ITS RELATIONSHIP TO THE EXISTING SITE SURVEY. THE CONTRACTOR SHALL ALSO VERIFY ALL DIMENSIONS, SITE CONDITIONS, AND MATERIAL SPECIFICATIONS AND SHALL NOTIFY THE OWNER AND ENGINEER OF ANY ERRORS, OMISSIONS OR DISCREPANCIES BEFORE COMMENCING OR PROCEEDING WITH WORK.
8. METHODS AND MATERIALS USED IN THE CONSTRUCTION OF IMPROVEMENTS FOR THIS PROJECT SHALL CONFORM TO THE CURRENT CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE CITY OF CENTRAL FALLS AND THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION.
9. THE CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION AND VERIFY ALL DIMENSIONS, SITE CONDITIONS, AND MATERIALS SPECIFICATIONS AND SHALL NOTIFY THE OWNER AND ENGINEER OF ANY ERRORS, OMISSIONS OR DISCREPANCIES BEFORE COMMENCING OR PROCEEDING WITH WORK.
10. CONTRACTORS SHALL NOTIFY OPERATORS WHO MAINTAIN UNDERGROUND UTILITY LINES IN THE AREA OF PROPOSED EXCAVATION OR BLASTING AT LEAST TWO WORKING DAYS, BUT NOT MORE THEN TEN WORKING DAYS, PRIOR TO COMMENCEMENT OF EXCAVATION OR DEMOLITION. ALL WATER, GAS, SEWER AND OTHER UTILITIES SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
11. THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL AND ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THE PROJECT, EXCEPTING FOR LIABILITY ARISING FROM "THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER."
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND TO TAKE WHATEVER STEPS NECESSARY TO PROVIDE FOR THEIR PROTECTION. THE ENGINEER HAS DILIGENTLY ATTEMPTED TO LOCATE AND INDICATE ALL EXISTING FACILITIES ON THESE PLANS; HOWEVER, THIS INFORMATION IS SHOWN FOR THE CONTRACTORS CONVENIENCE ONLY. THE ENGINEER ASSUMES NO RESPONSIBLITY FOR THE LOCATIONS OF UTILITES SHOWN OR NOT SHOWN. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES FOR EXACT LOCATION OF THEIR UTILITIES PRIOR TO STARTING CONSTRUCTION. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REPLACE ANY AND ALL DAMAGED MADE TO UTILITIES BY THE CONTRACTOR.
13. ALL SITE WORK, INCLUDING BUT NOT LIMITED TO, BITUMINOUS PAVEMENT, ROADWAY CONSTRUCTION, AGGREGATE MATERIALS, DRAINAGE STRUCTURES, CURBING, SIDEWALK, LANDSCAPING, SAW CUTTING, ETC. SHALL CONFORM TO THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION, 2013 EDITION (WITH LATEST ADDENDA) AND THE RIDOT STANDARD DETAILS, 1998 EDITION (WITH LATEST ADDENDA).

ALL DRAWINGS, PLANS, REPORTS, SPECIFICATIONS, COMPUTER DATA FILES, FIELD NOTES, AND ALL OTHER DOCUMENTS PREPARED BY L.A. TORRADO ARCHITECTS, A CORPORATION, AS INSTRUMENTS OF SERVICE, SHALL REMAIN THE PROPERTY OF L.A. TORRADO ARCHITECTS, A CORPORATION. L.A. TORRADO ARCHITECTS, A CORPORATION, SHALL RETAIN ALL COMMON LAW, STATUTORY, AND

BMP MAINTENANCE SCHEDULE:

1. ALL MAINTENANCE (INCLUDING CLEANING) REQUIRED DURING THE CONSTRUCTION PHASE OF THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL INCLUDE:
   A. MEASURES NEEDED TO ENSURE THE PROPER OPERATION OF THE STORMWATER RUNOFF (DRAINAGE) AND WATER QUALITY CONTROL SYSTEMS TO INCLUDE INSPECTION, CLEANING AND REPAIRS ALL PIPES, INTAKE AND DISCHARGE STRUCTURES, CATCH BASIN SUMPS, AND MANHOLES.
   B. INSPECTION OF ALL SLOPES, BERMS, AND OTHER CONTROL STRUCTURES FOR STRUCTURAL INTEGRITY/STABILITY AND EVIDENCE OF SOIL EROSION PROCESSES, AND MAINTENANCE OF THESE STRUCTURES IF NECESSARY. INSPECTIONS SHALL BE PERFORMED FOLLOWING ALL RAIN EVENTS OF 1/2 INCH RAINFALL OR MORE IN A 24-HOUR PERIOD, OR BI-MONTHLY IF NO RAINFALL EVENT OCCURS.
2. UPON COMPLETION OF THE PROJECT CONSTRUCTION, AND PRIOR TO VACATING THE SITE, THE CONTRACTOR SHALL CONDUCT A FINAL INSPECTION AND CLEANING OF THE DRAINAGE SYSTEM AND ALL ASSOCIATED STRUCTURES.
3. AFTER THE COMPLETION OF THE ENTIRE PROJECT TO THE SATISFACTION OF THE OWNER OR ENGINEER, ALL MAINTENANCE OF THE DRAINAGE SYSTEM SHALL THEN BE THE RESPONSIBILITY OF THE OWNER OR HIS/HER APPROVED AGENTS.
4. AFTER THE COMPLETION OF PROJECT CONSTRUCTION AND THE FINAL STABILIZATION OF THE ENTIRE SITE, THE INSPECTION AND MAINTENANCE OF ALL STORMWATER FACILITIES MUST BE PERFORMED AS FOLLOWS:
   A. ANY REQUIRED REPAIR AND REPLACEMENT OF DRAINAGE STRUCTURES OR FACILITIES SHALL BE DONE PROMPTLY TO ENSURE PROPER FUNCTIONING OF THE SYSTEM.
   B. CATCH BASINS, MANHOLES, AND THE DETENTION BASIN SHALL BE INSPECTED AT LEAST ONCE PER YEAR AND ANY SEDIMENT OR DEBRIS WITHIN THE SUMPS SHALL BE REMOVED. SEDIMENTS SHALL BE REMOVED FROM THE DETENTION BASIN DURING THE FIRST YEAR OF OPERATION AND EVERY 5-YEARS THEREAFTER. MORE FREQUENT REMOVALS MAY BE NECESSARY IF THE SEDIMENT STORAGE CAPACITY OF THE FOREBAY OR POND IS EXCEEDED OR WHEN THE SEDIMENT DEPTHS REACH 6 INCHES, WHICHEVER COMES FIRST.
   C. ALL DESIGN, CLEANING, AND MAINTENANCE OF THE STORMWATER DRAINAGE SYSTEM SHALL FOLLOW AT LEAST THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION MINIMUM STANDARDS, SECTION 708.03. WHERE APPROPRIATE, PROCEDURES REGARDING THE DRAINAGE DESIGN, AND THE INSPECTION AND MAINTENANCE OF THE STORMWATER DRAINAGE SYSTEM SHALL BE FOLLOWED AS OUTLINED IN THE "RHODE ISLAND STORMWATER DESIGN AND INSTALLATION STANDARDS MANUAL" (RIDEM/RICRMC, JUNE 30, 2004).
   D. ANY TRASH, DEBRIS, ETC SHALL BE REMOVED IMMEDIATELY FROM WETLAND AREAS, DETENTION BASINS, SWALES AND PIPE OUTLETS.
   E. DETENTION BASINS AND SWALES SHALL BE MOWED AT LEAST ONCE DURING THE GROWING SEASON TO PREVENT UNWANTED WOODY GROWTH.
   F. SWALES AND DETENTION AREAS; SHALL BE INSPECTED AFTER MAJOR STORM EVENTS OR AN ANNUAL BASIS. REPAIRS SHALL BE PERFORMED IMMEDIATELY AS CONDITIONS WARRANT. BARE SPOTS AND ERODED ARE AS SHALL BE RESEEDED IMMEDIATELY FOLLOWING OBSERVATION. ALL LITTER AND TRASH SHALL BE REMOVED DURING INSPECTIONS.
   G. CATCH BASINS, MANHOLES AND DRAIN LINES: AN INSPECTION MUST OCCUR ON AN ANNUAL BASIS BY QUALIFIED PERSONNEL TO ENSURE PROPER OPERATION. THE INSPECTION SHOULD, AS A MINIMUM, CONCENTRATE ON THE FOLLOWING:
      * DAMAGE TO GRATES AND/OR COVER
      * EVIDENCE OF STANDING WATER
      * DEBRIS REMOVAL
      * STRUCTURAL ALIGNMENT/ INTEGRITY

      ANY DEFICIENCY NOTED DURING THE INSPECTION SHALL BE IMMEDIATELY REPAIRED OR REPLACED.
   H. SEDIMENT REMOVAL: ALL REMOVED SEDIMENT IS TO BE TESTED TO DETERMINE POLLUTANT CONTENT. THE SEDIMENT IS TO BE PROPERLY DISPOSED IN UPLAND AREAS BASED UPON THE TEST RESULTS AND LOCAL, STATE, AND FEDERAL REGULATIONS.

MAINTENANCE AND PROTECTION OF TRAFFIC NOTE(S):

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC INCLUDING POLICE PROTECTION. ALL TEMPORARY AND VEHICULAR SIGNS, BARRICADES AND LANE CLOSURES SHALL BE IN CONFORMANCE WITH THE LATEST REVISIONS OF MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES 2009, INCLUDING ALL REVISIONS (M.U.T.C.D.)
2. TEMPORARY CONSTRUCTION SIGNS AND ALL APPLICABLE TRAFFIC CONTROL DIVIDES SHALL BE IN PLACE PRIOR TO THE START OF WORK IN ANY AREA OPEN TO TRAFFIC.
3. THE PRIVATE VEHICLES OF CONSTRUCTION WORKERS SHALL NOT BE PARKED WITHIN THE STATES OR CITY'S RIGHT-OF-WAY.
4. ALL MAINTENANCE AND PROTECTION OF TRAFFIC CONTROL SETUPS, SIGNS CHANNELING DEVICES, ETC, SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. 1988 EDITION. INCLUDING REVISION 3, SEPTEMBER 3, 1993 AND SUBSEQUENT ADDENDA.
5. SIGN MOUNTINGS SHALL BE IN ACCORDANCE WITH THE R.I.D.O.T. SPECIFICATIONS FOR TEMPORARY CONSTRUCTION SIGNS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL STATE AND LOCAL PERMITS PRIOR TO START OF CONSTRUCTION. THESE PERMITS SHALL INCLUDED BUT ARE NOT LIMITED TO, ROAD OPENING, SOIL EROSION, BUILDING, WATER CONNECTION AND SEWER CONNECTION PERMIT(S). CONTRACTOR SHALL REFER TO TOWN ENGINEERING AND BUILDING DEPARTMENT FOR ALL APPLICABLE PERMITS.

ADS PIPE INSTALLATION NOTES:

1. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A STABLE DEPTH AND REPLACE WITH A FOUNDATION OF CLASS I OR II MATERIAL AS DEFINED IN ASTM D2321, "STANDARD PRACTICE FOR INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS," LATEST EDITION; AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A WOVEN GEOTEXTILE FABRIC.
2. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II, OR III AND INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION. UNLESS OTHERWISE SPECIFIED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" FOR 4" TO 24" DIA. & 6" FOR 30" TO 60" DIA.
3. HAUNCHING AND INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II, OR III AND INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
4. UNLESS OTHERWISE SPECIFIED BY THE ENGINEER, MINIMUM TRENCH WIDTHS SHALL BE AS FOLLOWS:

NOMINAL DIA. (IN)	MINIMUM TRENCH WIDTH (IN)
6"	23"
8"	25"
10"	28"
12"	31"
15"	34"
18"	39"

5. MINIMUM COVER: RECOMMENDED DEPTHS OF COVER FOR VARIOUS LIVE LOADING CONDITIONS ARE SUMMARIZED IN THE FOLLOWING TABLE. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE TAKEN FROM THE TOP OF PIPE TO THE GROUND SURFACE.

SURFACE LIVE LOADING CONDITION	MINIMUM RECOMMENDED COVER (IN)
H25 (FLEXIBLE PAVEMENT)	12"
H25 (RIGID PAVEMENT)	12"
HEAVY CONSTRUCTION	48"

DRAINAGE INSTALLATION NOTES:

1. ALL RIM ELEVATIONS SHOWN ARE APPROXIMATE AND ARE TO BE SET FLUSH WITH FINAL GRADES.
2. THE DESIGN ENGINEER MUST SUBMIT AN AS BUILT PLAN AND A CERTIFICATION TO THE CITY ENGINEER THAT THE CONSTRUCTION IS IN COMPLIANCE WITH THE DESIGN PLANS FOR ALL ELEMENTS OF THE STORM OR DRAINAGE SYSTEM PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.
3. THE PROPOSED DRAINAGE LINES SHALL BE ADS N-12 (HDPE) OR AN APPROVED EQUAL AS INDICATED ON THESE PLANS.
4. ALL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH H-20 LOADING CHARACTERISTICS.

DRAINAGE SYSTEM MAINTENANCE SCHEDULE:

1. ALL MAINTENANCE (INCLUDING CLEANING) REQUIRED DURING THE CONSTRUCTION PHASE OF THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL INCLUDE:
   - INSPECTIION, REPAIR AND/OR REPLACEMENT OF CATCH BASIN INLET PROTECTION .
   - REMOVAL OF SEDIMENT FROM DRAINAGE STRUCTURES AND PIPES DURING AND FOLLOWING THE END OF CONSTRUCTION.
2. MEASURES NEEDED TO ENSURE THE PROPER OPERATION OF THE STORMWATER RUNOFF (DRAINAGE) AND WATER QUALITY CONTROL SYSTEMS TO INCLUDE INSPECTION, CLEANING AND REPAIRS TO ALL PIPES, INTAKE AND DISCHARGE STRUCTURES (INCLUDING RIP-RAP SPLASH PADS), DETENTION PONDS, SWALES, CATCH BASIN SUMPS, AND MANHOLES.
3. INSPECTION OF ALL SLOPES, BERMS, AND OTHER CONTROL STRUCTURES (INCLUDING ROADWAY SIDE SLOPES, FOR STRUCTURAL INTEGRITY/STABILITY AND EVIDENCE OF SOIL EROSION PROCESSES, AND MAINTENANCE OF THESE STRUCTURES IF NECESSARY. INSPECTIONS SHALL BE PERFORMED FOLLOWING ALL RAIN EVENTS OF ½ INCH RAINFALL OR MORE IN A 24-HOUR PERIOD, OR BIMONTHLY IF NO RAINFALL.
4. UPON COMPLETION OF PROJECT CONSTRUCTION, AND PRIOR TO VACATING THE SITE, THE CONTRACTOR SHALL CONDUCT A FINAL INSPECTION, REPAIR ANY VEGETATIVE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES (SEEDING, PLANTING, ETC.) WHERE REQUIRED, AND REPAIR (OR REMOVE WHERE APPROPRIATE) ANY TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL DEVICES. AFTER PERMANENT SOIL STABILIZATION ON THE ENTIRE SITE HAS OCCURRED, ALL TEMPORARY CONTROL MEASURES (EXCLUDING STAKED HAYBALES) MUST BE REMOVED.
5. REPLANTING, REGRADING, OR OTHER REPAIRS NEEDED AS A RESULT OF SOIL EROSION AND SEDIMENTATION PROCESSES SHALL BE DONE PROMPTLY TO ENSURE PROPER FUNCTIONING OF THE ENTIRE SYSTEM.
6. WHEN ALL CONSTRUCTION IS COMPLETED, THE SITE HAS BEEN STABILIZED TO PREVENT EROSION AND SEDIMENTATION BY A WELL ESTABLISHED VEGETATIVE COVER, AND THE DRAINAGE IMPROVEMENTS HAVE BEEN INSPECTED AND ACCEPTED BY THE CITY AND THE OWNER. THE PARTY RESPONSIBLE FOR LONG TERM MAINTENANCE, INSPECTION AND REPAIRS TO ALL DRAINAGE FACILITIES SHOWN ON THESE PLANS, SHALL BE THE OWNER OF THE LOT OR LOTS ON WHICH THE DRAINAGE FACILITIES ARE LOCATED INCLUDING THE UIC, DETENTION BASIN, SWALES, PIPES AND CATCHBASINS.
7. ANY TRASH, DEBRIS, ETC. SHOULD BE REMOVED FROM THE DETENTION BASIN, SUBSURFACE STORMWATER MANAGEMENT AREA, SWALE(S), INLETS, AND PIPE OUTLETS.
8. CATCH BASINS, MANHOLES AND DRAIN LINES: AN INSPECTION MUST OCCUR ON AN ANNUAL BASIS BY QUALIFIED PERSONAL TO ENSURE PROPER OPERATION. THE INSPECTION SHOULD, AS A MINIMUM, CONCENTRATE ON THE FOLLOWING:
   - DAMAGE TO GRATE AND COVER
   - EVIDENCE OF STANDING WATER
   - DEBRIS REMOVAL
   - STRUCTURAL ALIGNMENT/ INTEGRITY

   ANY DEFICIENCY NOTED DURING THE INSPECTION WILL BE IMMEDIATELY REPAIRED OR REPLACED.
9. THE GRASSED AREAS SHALL BE INSPECTED AT LEAST TWICE PER YEAR TO CHECK FOR EROSION PROBLEMS. PROBLEM AREAS SHALL BE RE-SEEDED IMMEDIATELY TO STABILIZE EXPOSED SOIL, THEREBY PREVENTING EROSION AND POTENTIAL CLOGGING OF OUTFLOW DEVICES.
10. AN AREA SHALL BE SET ASIDE IN THE DEVELOPMENT SITE IN, AN UPLAND LOCATION OUTSIDE OF JURISDICTIONAL WETLANDS FOR THE PURPOSE OF SEDIMENT DISPOSAL, IF AN OFF SITE DISPOSAL AREA IS NOT FEASIBLE.
11. SEDIMENT REMOVED FROM THE BASIN(S) SHALL BE TESTED FOR HEAVY METALS AND OTHER CONTAMINANTS FOLLOWING OPERATION. IF IT IS FOUND THAT SEDIMENTS ARE CONTAMINATED THEY SHALL BE TRANSPORTED TO A STATE APPROVED DISPOSAL SITE.

EROSION CONTROL & SOIL STABILIZATION PROGRAM:

1. DENUDED SLOPES SHALL NOT BE LEFT UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON.
2. THE SEED MIX SHALL BE INOCULATED WITHIN 24 HOURS, BEFORE MIXING AND PLANTING, WITH APPROPRIATE INOCULUM FOR EACH VARIETY.
3. THE DESIGN MIX SHALL BE COMPRISED OF THE FOLLOWING CONSERVATION MIX:

MIXTURE	% BY WGT.	SEEDING DATES
RED FESCUE	75	APRIL 1 - JUNE 15
COLONIAL BENTGRASS	5	AUG. 15 - OCT. 15
PERENNIAL RYEGRASS	5	
BIRDSFOOT TREFOIL	15	
	TOTAL 100# PER ACRE	

4. TEMPORARY TREATMENTS SHALL CONSIST OF A HAY, STRAW OR FIBER MULCH OR PROTECTIVE COVERS SUCH AS A MAT OR A FIBER LINING (JUTE, BURLAP, EXCELSIOR BLANKETS). THEY SHALL BE INCORPORATED INTO THE WORK AS WARRANTED.
5. HAY OR STRAW APPLICATIONS SHOULD BE IN THE AMOUNT OF 3,000 - 4,000 LBS. PER ACRE.
6. STABILIZATION OF ONE FORM OR ANOTHER AS DESCRIBED ABOVE SHALL BE ACHIEVED IMMEDIATELY AFTER FINAL GRADING.

WATER INSTALLATION NOTES:

1. ALL INSTALLATIONS, JOINTS, CONSTRUCTION METHODS AND MATERIALS SHALL BE ACCORDING TO THE PROVIDENCE WATER SUPPLY BOARD REQUIREMENTS, AWWA STANDARDS AND GOVERNMENTAL REQUIREMENTS.
2. INSTALLATION OF ALL WATER CONVEYANCES, MAINS, PIPES OR LINES SHALL BE IN ACCORDANCE WITH THE DUCTILE IRON PIPE RESEARCH ASSOCIATION'S INSTALLATION MANUAL AND ANSI/AWWA C600 AND ALL OTHER REQUIREMENTS OF THE PROVIDENCE WATER SUPPLY BOARD.
3. WATER PIPES SHALL TYPICALLY BE LOCATED AT LEAST TEN (10) FEET HORIZONTALLY FROM SEWER PIPES, AND AT A MINIMUM DEPTH OF COVER EQUAL TO 5'. WHERE A NEW WATER PIPE IS LESS THAN 18 INCHES CLEAR DISTANCE ABOVE A SEWER OR WHERE A WATER PIPE PASSES BENEATH A SEWER OR STORM DRAIN, ENCASE THE SEWER OR DRAIN IN 6" OF CONCRETE FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE CROSSING WATER PIPE.
4. ALL SYSTEM COMPONENTS AND CONSTRUCTION METHODS; SUCH AS PIPE, THRUST BLOCKS, FITTINGS, CASTINGS, ETC. SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PURCHASE AND INSTALLATION. THIS SUBMISSION SHALL INCLUDE MANUFACTURER'S LITERATURE, SHOP DRAWINGS, PROPOSED CONSTRUCTION METHODS, ETC.
5. WATER LINE TRENCH TO BE AWWA TYPE 5 A METALIZED DETECTABLE IDENTIFICATION TAPE 2" IN WIDTH, BLUE IN COLOR AND PRINTED WITH "CAUTION WATERLINE BURIED BELOW" SHALL BE UTILIZED OVER ALL MAINS. TAPE SHALL BE SET AT APPROXIMATELY 1' BELOW FINISHED GRADE.
6. THE CONTRACTOR SHALL RECEIVE VERIFICATION FROM THE ENGINEER AS TO THE APPROPRIATE SIZE OF THE DOMESTIC WATER AND FIRE PROTECTION LINE SHOWN ON THE PLANS PRIOR TO ORDERING WATER PIPE RELATED ITEMS.
7. SPECIFIC BENDS ARE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE ADDITIONAL BENDS AS NECESSARY TO INSTALL THE PIPE AT THE REQUIRED DEPTH AND ALIGNMENT.

REQUIRED INFILTRATION SETBACKS

1. THE PROPOSED INFILTRATION SYSTEMS MEETS THE 3' MINIMUM SEPARATION DISTANCE BETWEEN THE DESIGN BOTTOM OF THE STRUCTURE AND THE SEASONAL HIGH WATER TABLE. THOUGH THE TEST HOLE ONLY WENT TO 10' BASED ON THE SIZE OF THE BACKHOE, NO SHGWT WAS DETECTED IN THE HOLE AND IS ESTIMATED TO BE 10' TO 12' BELOW THIS ELEVATION.
2. THE PROPOSED INFILTRATION SYSTEM MEETS THE 5' MINIMUM SEPARATION DISTANCE BETWEEN THE DESIGN BOTTOM OF THE STRUCTURE AND BEDROCK.
3. THE PROPOSED INFILTRATION SYSTEM IS NOT WITHIN 25 FEET OF ANY SEPTIC SYSTEM COMPONENT.
4. THE PROPOSED INFILTRATION SYSTEM IS NOT WITHIN 200 FEET OF ANY SURFACE DRINKING WATER SUPPLIES AND THIER RESPECTIVE TRIBUTARIES.
5. THE PROPOSED INFILTRATION SYSTEM IS NOT WITHIN 150 FEET OF ANY COASTAL FEATURE.
6. THE PROPOSED INFILTRATION SYSTEM IS NOT WITHIN 50 FEET OF ANY SURFACE WETLAND OR COASTAL WETLAND.
7. THE PROPOSED INFILTRATION SYSTEM IS NOT WITHIN 10 FEET OF ANY BUILDING FOUNDATION AND THE PROPOSED FOUNDATION FLOOR ELEVATION IS ABOVE THE INVERT OF THE PROPOSED INFILTRATION SYSTEM.

NOTE:
IF ANY SETBACK IS LESS THAN THE REQUIRED SETBACK AS DETERMINED BY THE GOVERNING AGENCY, THE GOVERNING AGENCY SHALL SUPERSEDE ABOVE BULLETED SETBACK(S). REFER TO THE LOCAL BUILDING OFFICIAL FOR DETAILED SETBACK CRITERIA.

CITY DPW AND RIDOT NOTES:

1. ALL WORK WITHIN RIDOT RIGHT-OF-WAYS, INCLUDING BUT NOT LIMITED TO, BITUMINOUS PAVEMENT, ROADWAY CONSTRUCTION, AGGREGATE MATERIALS, DRAINAGE STRUCTURES, CURBING, SIDEWALK, LANDSCAPING, SAW CUTTING, ETC. SHALL CONFORM TO THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION, 2004 EDITION (WITH LATEST ADDENDA) AND THE RIDOT STANDARD DETAILS, 1998 EDITION (WITH LATEST ADDENDA).
2. A SEPARATE RIDOT UTILITY PERMIT APPLICATION AND APPROVAL IS REQUIRED FOR ANY UTILITY WORK (INCLUDING SEWER, WATER, GAS, ELECTRIC, ETC.) WITHIN THE STATE RIGHT-OF-WAY TO BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
3. ALL WORK WITHIN THE CITY RIGHT-OF-WAYS, INCLUDING BUT NOT LIMITED TO, BITUMINOUS PAVEMENT, ROADWAY CONSTRUCTION, AGGREGATE MATERIALS, DRAINAGE STRUCTURES, CURBING, SIDEWALKS, LANDSCAPING, SAW CUTTING, ETC. SHALL CONFORM TO THE CITY'S STANDARD DETAILS AVAILABLE AT https://www.providenceri.gov/public-works/forms/ under "Reports + Publications" or at https://www.providenceri.gov/wp-content/uploads/2019/06/Providence-DPW-Standard- Details.pdf

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LEGEND

- EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE
- ABUTTING PROPERTY LINE
- BUILDING SETBACK LINE
- WETLAND EDGE
- 100 EXISTING CONTOUR
- 100 PROPOSED CONTOUR
- SLOPES > 15%
- EXISTING STONE WALL
- IRON PIN
- DRILL HOLE
- CONCRETE BOUND
- EXISTING CURB
- CHAIN LINK FENCE
- D DRAIN LINE
- DRAINAGE MANHOLE
- CATCH BASIN
- UTILITY POLE
- OHW OVERHEAD WIRES
- UGE UNDERGROUND ELECTRIC
- GAS GAS LINE
- W WATER LINE
- WATER SHUT OFF VALVE
- WELL
- S SEWER
- SMH
- N/F NOW OR FORMERLY
- HAY BALES
- LOD LIMIT OF DISTURBANCE
- 06-01 LEDGE TEST
- TP SOIL EVALUATION
- BUILDING DOOR LOCATION
- CUT AND MATCH LINE (SAW CUT)
- R & D REMOVE & DISPOSE (SEE CONTRACT DOCUMENT SPECIFICATIONS FOR DISPOSAL REQUIREMENTS)

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401.781.0661 F

CALLED NORTH

KEY PLAN

DAVID M. D'AMICO
No. 6749
REGISTERED PROFESSIONAL ENGINEER CIVIL
10/23/25

OWNER:

CITY OF PROVIDENCE

Providence City Hall
25 Dorrance Street
Providence, RI 02903

PROJECT:

NEW SCHOOL:

LIMA STUART ELEMENTARY SCHOOL

188 PRINCETON AVE.
Providence, RI 02903

CONTENT:

GENERAL NOTES & LEGEND

STATUS:

SCHEMATIC DESIGN FOR PERMIT

DATE:	REV. #	DESCRIPTION

REVISIONS:

DATE:	AUG. 29, 2025
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DRWN BY:	D.M.D.
CHECKED BY:	D.M.D.
SCALE:	AS NOTED

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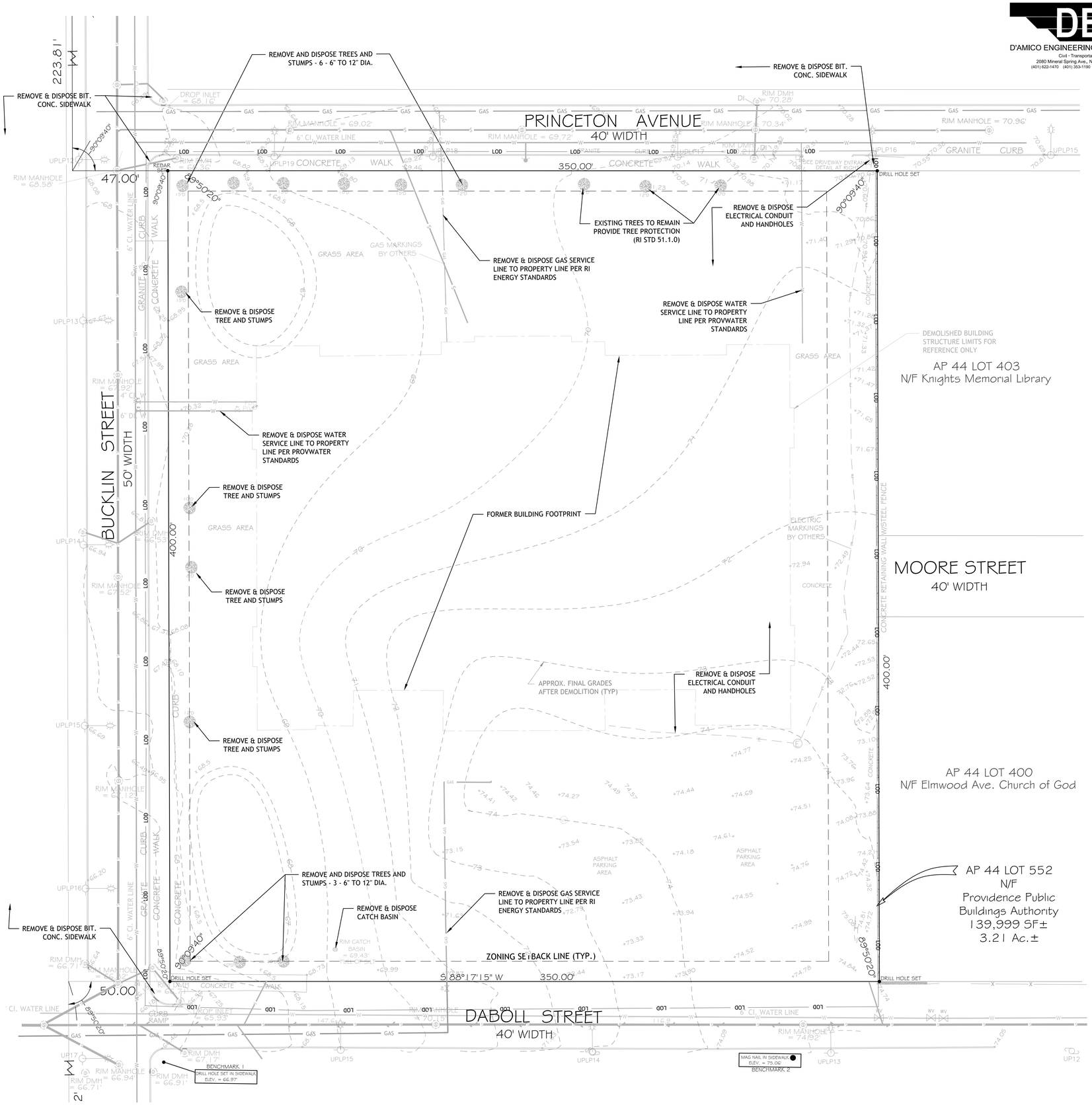

CLASS I PRPERTY LINE AND III TOPOGRAPHIC SURVEY CONDUCTED BY:

CANAVAN & Associates, Inc.
Land Surveying
CONSTRUCTION – LAND – COMMERCIAL – RESIDENTIAL
450 George Washington Highway
Smithfield, R.I. 02917
P=(401)232-1990 F=(401)232-1994

NOTES:

1. INFORMATION BY DETEC PROVIDED ON THIS EXISTING CONDITIONS PLAN IS TO AUGMENT THE BASE SURVEY FOR PERMITTING AND DESIGN WITH THE ADDITION OF SITE SPECIFIC FEATURES AND SITE UTILITIES TAKEN FROM RECORDS AND SITE ON-THE-GROUND MEASUREMENTS. THE PE STAMP IS AFFIXED FOR THIS INFORMATION ONLY.
2. DEMOLITION INFORMATION DEVELOPED BY DETEC.
3. BASED ON FEMA FLOOD INSURANCE RATE MAP (FIRM) FOR THE CITY OF PROVIDENCE, COMMUNITY-PANEL NUMBER 445406, MAP NUMBER 44007C0316G EFFECTIVE DATE MAP REVISED MARCH 2, 2009, THE SITE IS LOCATED IN ZONE 'X' AND OUTSIDE FLOOD ZONE "A, AE, AH OR AO" OTHER AREAS (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN).

ZONING CRITERIA	REQUIRED	EXIST. LOT 552
ZONING DISTRICT	PS - PUBLIC SPACE DIST.	PS
MINIMUM LOT AREA	NONE	139,999 SF
MINIMUM FRONTAGE AND LOT WIDTH	NONE	350.0'
MAXIMUM BUILDING HEIGHT	50 FT	59' TO 95.40' *
MINIMUM FRONT SETBACK	10 FT	81.5'
MINIMUM INTERIOR SIDE SETBACK	6 FT	NA
MINIMUM CORNER SIDE SETBACK	10 FT	41.3'
MINIMUM REAR YARD SETBACK	25 FT	41.4'
MAXIMUM BUILDING/IMPERVIOUS COVERAGE	NONE	NA

* EXISTING NON-CONFORMING DIMENSIONS OF RECORD FOR BUILDING HEIGHT

ALL DRAWINGS, PLANS, REPORTS, SPECIFICATIONS, COMPUTER DATA, FILES, FIELD NOTES, AND ALL OTHER DOCUMENTS PREPARED BY L.A. TORRADO ARCHITECTS, A CORPORATION, AS INSTRUMENTS OF SERVICE SHALL REMAIN THE PROPERTY OF L.A. TORRADO ARCHITECTS, A CORPORATION, SHALL RETAIN ALL COMMON LAW, STATUTORY, AND

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401.781.0661 F

CALLED NORTH

KEY PLAN

DAVID M. D'AMICO
No. 6749
REGISTERED PROFESSIONAL ENGINEER
CIVIL
11/5/25

OWNER:

CITY OF PROVIDENCE
Providence City Hall
25 Dorrance Street
Providence, RI 02903

PROJECT:

NEW SCHOOL:

LIMA STUART ELEMENTARY SCHOOL
188 PRINCETON AVE.
Providence, RI 02903

CONTENT:

EXISTING CONDITIONS AND DEMOLITION PLAN

STATUS:
SCHEMATIC DESIGN FOR PERMIT

DATE:	REV. #	DESCRIPTION
11-5-25	REV. 1	PARKING AREA ADJUSTMENT

REVISIONS:

DATE:	AUG. 29, 2025
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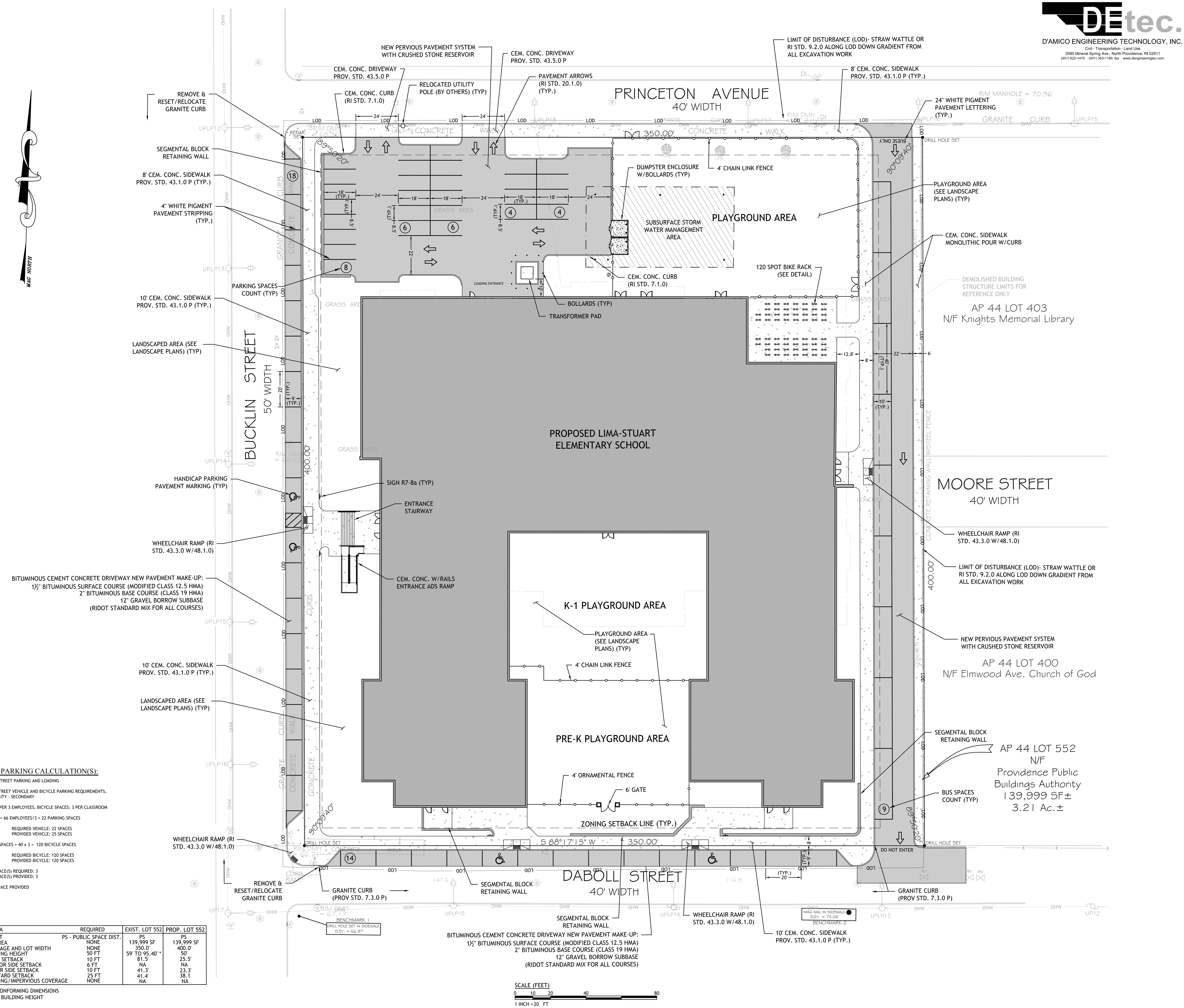

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Civil · Transportation · Land Use
2080 Mineral Spring Ave., North Providence, RI 02911
PRINCETON AVENUE
40' WIDTH
BUCKLIN STREET
50' WIDTH
MOORE STREET
40' WIDTH
DABOLL STREET
40' WIDTH
NEW PERVIOUS PAVEMENT SYSTEM WITH CRUSHED STONE RESERVOIR
CEM. CONC. DRIVEWAY PROV. STD. 43.5.0 P
CEM. CONC. CURB (RI STD. 7.1.0)
RELOCATED UTILITY POLE (BY OTHERS) (TYP)
PAVEMENT ARROWS (RI STD. 20.1.0) (TYP.)
LIMIT OF DISTURBANCE (LOD)- STRAW WATTLE OR RI STD. 9.2.0 ALONG LOD DOWN GRADIENT FROM ALL EXCAVATION WORK
8' CEM. CONC. SIDEWALK PROV. STD. 43.1.0 P (TYP.)
24" WHITE PIGMENT PAVEMENT LETTERING (TYP.)
REMOVE & RESET/RELOCATE GRANITE CURB
SEGMENTAL BLOCK RETAINING WALL
4" WHITE PIGMENT PAVEMENT STRIPPING (TYP.)
PARKING SPACES COUNT (TYP)
10' CEM. CONC. SIDEWALK PROV. STD. 43.1.0 P (TYP.)
LANDSCAPED AREA (SEE LANDSCAPE PLANS) (TYP)
HANDICAP PARKING PAVEMENT MARKING (TYP)
WHEELCHAIR RAMP (RI STD. 43.3.0 W/48.1.0)
BITUMINOUS CEMENT CONCRETE DRIVEWAY NEW PAVEMENT MAKE-UP:
1½" BITUMINOUS SURFACE COURSE (MODIFIED CLASS 12.5 HMA)
2" BITUMINOUS BASE COURSE (CLASS 19 HMA)
12" GRAVEL BORROW SUBBASE
(RIDOT STANDARD MIX FOR ALL COURSES)
DUMPSTER ENCLOSURE W/BOLLARDS (TYP)
4' CHAIN LINK FENCE
PLAYGROUND AREA
SUBSURFACE STORM WATER MANAGEMENT AREA
CEM. CONC. CURB (RI STD. 7.1.0)
BOLLARDS (TYP)
TRANSFORMER PAD
120 SPOT BIKE RACK (SEE DETAIL)
PLAYGROUND AREA (SEE LANDSCAPE PLANS) (TYP)
CEM. CONC. SIDEWALK MONOLITHIC POUR W/CURB
DEMOLISHED BUILDING STRUCTURE LIMITS FOR REFERENCE ONLY
AP 44 LOT 403
N/F Knights Memorial Library
PROPOSED LIMA-STUART ELEMENTARY SCHOOL
SIGN R7-8a (TYP)
ENTRANCE STAIRWAY
CEM. CONC. W/RAILS ENTRANCE ADS RAMP
K-1 PLAYGROUND AREA
PLAYGROUND AREA (SEE LANDSCAPE PLANS) (TYP)
4' CHAIN LINK FENCE
PRE-K PLAYGROUND AREA
4' ORNAMENTAL FENCE
6' GATE
ZONING SETBACK LINE (TYP.)
AP 44 LOT 400
N/F Elmwood Ave. Church of God
AP 44 LOT 552
N/F
Providence Public Buildings Authority
139,999 SF±
3.21 Ac.±
SEGMENTAL BLOCK RETAINING WALL
BUS SPACES COUNT (TYP)
CONCRETE RETAINING WALL W/STEEL FENCE
GRANITE CURB (PROV STD. 7.3.0 P)
DO NOT ENTER
BUSES ONLY
S 88°17'15" W 350.00'
350.00'
400.00'
BENCHMARK 1
DRILL HOLE SET IN SIDEWALK ELEV. = 66.97'
BENCHMARK 2
MAG NAIL IN SIDEWALK ELEV. = 75.06'
SCALE (FEET)
0 10 20 40 80
1 INCH = 20 FT
MAG NORTH

PROPOSED PARKING CALCULATION(S):

ARTICLE 14 - OFF-STREET PARKING AND LOADING

TABLE 14-1: OFF-STREET VEHICLE AND BICYCLE PARKING REQUIREMENTS, EDUCATIONAL FACILITY - SECONDARY

VEHICLE SPACES: 1 PER 3 EMPLOYEES, BICYCLE SPACES: 3 PER CLASSROOM

REQUIRED PARKING = 66 EMPLOYEES/3 = 22 PARKING SPACES

REQUIRED VEHICLE: 22 SPACES
PROVIDED VEHICLE: 25 SPACES

REQUIRED BICYCLE SPACES = 40 x 3 = 120 BICYCLE SPACES

REQUIRED BICYCLE: 120 SPACES
PROVIDED BICYCLE: 120 SPACES

ADA ACCESSIBLE SPACE(S) REQUIRED: 3
ADA ACCESSIBLE SPACE(S) PROVIDED: 3

ONE (1) LOADING SPACE PROVIDED

ZONING CRITERIA	REQUIRED	EXIST. LOT 552	PROP. LOT 552
ZONING DISTRICT	PS - PUBLIC SPACE DIST.	PS	PS
MINIMUM LOT AREA	NONE	139,999 SF	139,999 SF
MINIMUM FRONTAGE AND LOT WIDTH	NONE	350.0'	400.0'
MAXIMUM BUILDING HEIGHT	50 FT	59' TO 95.40' *	50'
MINIMUM FRONT SETBACK	10 FT	81.5'	25.5'
MINIMUM INTERIOR SIDE SETBACK	6 FT	NA	NA
MINIMUM CORNER SIDE SETBACK	10 FT	41.3'	23.3'
MINIMUM REAR YARD SETBACK	25 FT	41.4'	38.1
MAXIMUM BUILDING/IMPERVIOUS COVERAGE	NONE	NA	NA

* EXISTING NON-CONFORMING DIMENSIONS OF RECORD FOR BUILDING HEIGHT

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ta

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CALLED NORTH

KEY PLAN

DAVID M. D'AMICO
No. 6749
REGISTERED PROFESSIONAL ENGINEER
CIVIL
11/5/25

OWNER:

CITY OF PROVIDENCE

Providence City Hall
25 Dorrance Street
Providence, RI 02903

PROJECT:

NEW SCHOOL:

LIMA STUART ELEMENTARY SCHOOL

188 PRINCETON AVE.
Providence, RI 02903

CONTENT:

SITE PLAN

STATUS:

SCHEMATIC DESIGN FOR PERMIT

DATE:	REV. #	DESCRIPTION
11-5-25	REV. 1	PARKING AREA ADJUSTMENT

REVISIONS:

DATE:	AUG. 29, 2025
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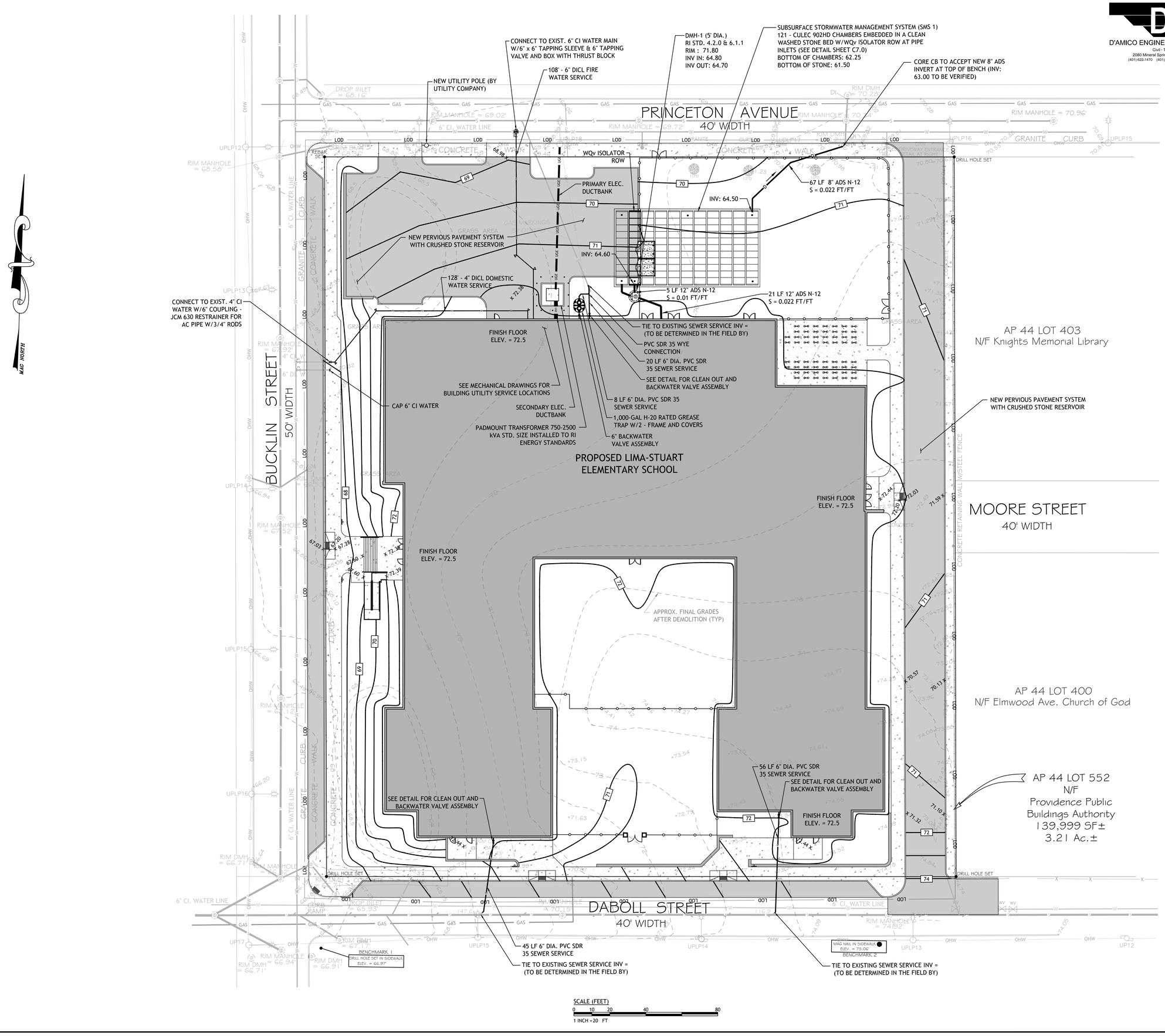

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KEY PLAN

DAVID M. D'AMICO
No. 6749
REGISTERED PROFESSIONAL ENGINEER
CIVIL
11/5/25

OWNER:
CITY OF PROVIDENCE
Providence City Hall
25 Dorrance Street
Providence, RI 02903

PROJECT:
NEW SCHOOL:
LIMA STUART ELEMENTARY SCHOOL
188 PRINCETON AVE.
Providence, RI 02903

CONTENT:
GRADING, DRAINAGE AND UTILITY PLAN

STATUS:
SCHEMATIC DESIGN FOR PERMIT

DATE:	REV. #	DESCRIPTION
11-5-25	REV. 1	PARKING AREA ADJUSTMENT

REVISIONS:

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SCALE: AS NOTED

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PRINCETON AVENUE
40' WIDTH

350.00'

BUCKLIN STREET
50' WIDTH

400.00'

MOORE STREET
40' WIDTH

DABOLL STREET
40' WIDTH

S 88°17'15" W 350.00'

AP 44 LOT 403
N/F Knights Memorial Library

AP 44 LOT 400
N/F Elmwood Ave. Church of God

AP 44 LOT 552
N/F
Providence Public
Buildings Authority
139,999 SF±
3.21 Ac.±

LIMIT OF DISTURBANCE (8" STRAW WATTLE OR RI STD. 9.2.0)

INLET PROTECTION

TEMPORARY SEDIMENTATION TRAP OUTLET INV. 68.0

ADDITIONAL 12" STRAW WATTLE OR RI STD. 9.2.0)

TEMPORARY SEDIMENTATION TRAP 3,700 SF MIN. 1' IN DEPTH (LINED WITH WATTLE ON STREET SIDE WITH WATTLE AT CB GRATE OUTLET)

TEMPORARY SOIL MATERIAL STOCKPILE AREAS

CONSTRUCTION ACCESS (RI STD. 9.9.0)

POTENTIAL WASH DOWN AREA (LINED WITH SILT FENCE)

BUILDING PERIMETER

APPROX. FINAL GRADES AFTER DEMOLITION (TYP)

TEMPORARY SEDIMENTATION TRAP OUTLET INV. 68.5

TEMPORARY SEDIMENTATION TRAP 3,000 MIN. 1' IN DEPTH (LINED WITH WATTLE ON OUTLET SIDE)

BENCHMARK 1
DRILL HOLE SET IN SIDEWALK
ELEV. = 66.97'

BENCHMARK 2
MAG NAIL IN SIDEWALK
ELEV. = 75.06'

APPROXIMATE LOCATION OF CONSTRUCTION VEHICLE FUELING AND MAINTENANCE AREA

SCALE (FEET)
0 10 20 40 80
1 INCH = 20 FT

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TORRADO
ARCHITECTS

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PROVIDENCE, RI 02907
401.781.0633 P
401.781.0661 F

CALLED NORTH

KEY PLAN

DAVID M. D'AMICO
No. 19
REGISTERED PROFESSIONAL ENGINEER
CIVIL

OWNER:

CITY OF PROVIDENCE

Providence City Hall
25 Dorrance Street
Providence, RI 02903

PROJECT:

NEW SCHOOL:

LIMA STUART ELEMENTARY SCHOOL

188 PRINCETON AVE.
Providence, RI 02903

CONTENT:

SOIL EROSION AND SEDIMENT CONTROL PLAN

STATUS:

SCHEMATIC DESIGN FOR PERMIT

DATE:	REV. #	DESCRIPTION
11-5-25	REV. 1	PARKING AREA ADJUSTMENT

REVISIONS:

DATE: AUG. 29, 2025
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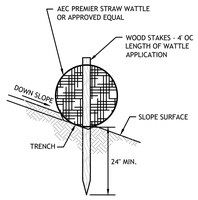
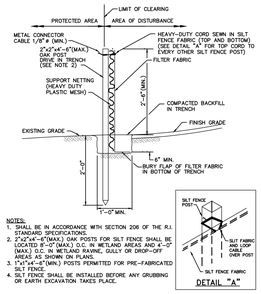
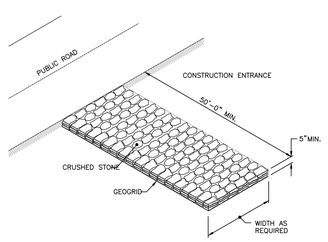


STRAW WATTLE STAKE
DETAIL ON SOIL
N.T.S.



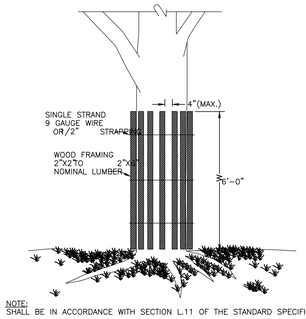
NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
2. 2"x2"x4'-6"(MAX.) OAK POSTS FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAX.) O.C. IN WETLAND AREAS AND 4'-0" (MAX.) O.C. IN WETLAND RAVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
3. 1"x1"x4'-6"(MIN.) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
4. SILT FENCE SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.

SILT FENCE DETAIL — R.I. STANDARD 9.9.0



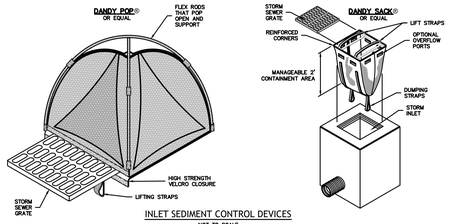
NOTE:
SHALL BE IN ACCORDANCE WITH SECTION 211 OF THE R.I. STANDARD SPECIFICATIONS.

CONSTRUCTION ACCESS — R.I. STANDARD 9.9.0
N.T.S.



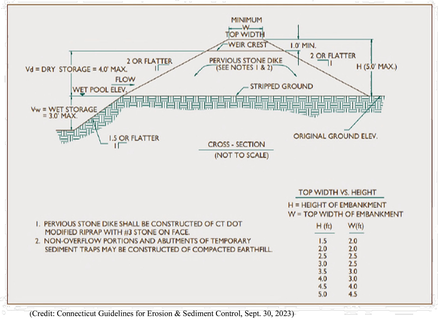
NOTE:
SHALL BE IN ACCORDANCE WITH SECTION L.11 OF THE STANDARD SPECIFICATIONS.

TREE PROTECTION DEVICE — R.I. STANDARD 51.1.0



INLET SEDIMENT CONTROL DEVICES
NOT TO SCALE

Figure 5- 76 Minimum Top Width (w) Required for Temporary Sediment Trap Embankments According to Height of Embankment (feet), Source: USDA-NRCS



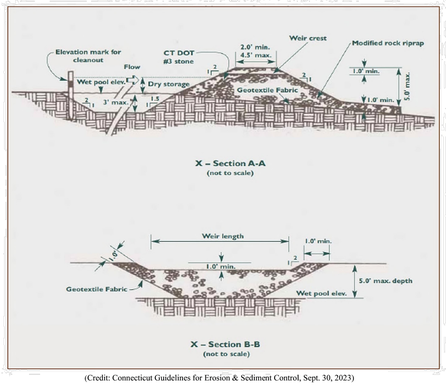
1. PERVIOUS STONE DIKE SHALL BE CONSTRUCTED OF CT DOT MODIFIED RIPRAP WITH #3 STONE ON FACE.
2. NON-OVERFLOW PORTIONS AND ABUTMENTS OF TEMPORARY SEDIMENT TRAPS MAY BE CONSTRUCTED OF COMPACTED EARTHFILL.

TOP WIDTH VS. HEIGHT
H = HEIGHT OF EMBANKMENT
W = TOP WIDTH OF EMBANKMENT

H (ft)	W(ft)
1.5	2.0
2.0	2.0
2.5	2.5
3.0	2.5
3.5	3.0
4.0	3.0
4.5	4.0
5.0	4.5

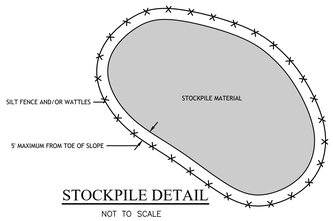
(Credit: Connecticut Guidelines for Erosion & Sediment Control, Sept. 30, 2023)

Figure 5- 78 Views of a Temporary Sediment Trap Outlet

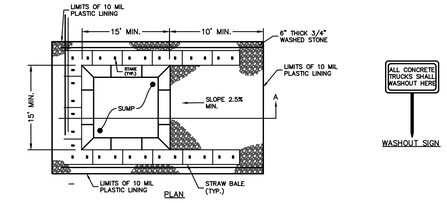


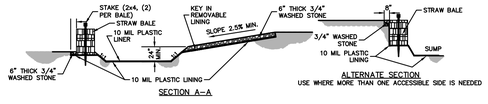
(Credit: Connecticut Guidelines for Erosion & Sediment Control, Sept. 30, 2023)

TEMPORARY SEDIMENT TRAP DETAIL
N.T.S.



STOCKPILE DETAIL
NOT TO SCALE





NOTES:

1. PIT IS SPECIFICALLY DESIGNATED, DIKED AND CONTAINED TO PREVENT CONTACT BETWEEN CONCRETE WASH AND STORMWATER.
2. WASH WATER SHALL NOT BE ALLOWED TO FLOW TO SURFACE WATER.
3. FACILITY MUST HOLD SUFFICIENT VOLUME TO CONTAIN CONCRETE WASTE WITH A MINIMUM FREEBOARD OF 12."
4. FACILITY SHALL NOT BE FILLED BEYOND 12" OF FREEBOARD UNLESS A NEW FACILITY IS CONSTRUCTED. WASHOUT AREA SHALL BE EMPTIED AT THIS TIME AND DISPOSED OF IN ACCORDANCE WITH ALL REGULATIONS.
5. SAW CUT PORTLAND CEMENT CONCRETE, RESIDUE FROM SAWCUT & GRINDING TO BE DISPOSED OF IN THE PIT.
6. CONCRETE WASHOUTS SHALL BE LOCATED A MINIMUM OF 100' FROM DRAINAGE WAYS, INLETS, & SURFACE WATERS.
7. MANUFACTURED CONCRETE WASHOUT DEVICES MAY BE USED IF REMOVED FROM THE SITE WHEN AT 95% FULL CAPACITY.

CONCRETE WASHOUT AREA
(NOT TO SCALE)

ALL DRAWINGS, PLANS, REPORTS, SPECIFICATIONS, COMPUTER DATA, FIELD NOTES, AND ALL OTHER DOCUMENTS PREPARED BY L.A. TORRADO ARCHITECTS, A CORPORATION, AS INSTRUMENTS OF SERVICE SHALL REMAIN THE PROPERTY OF L.A. TORRADO ARCHITECTS, A CORPORATION. L.A. TORRADO ARCHITECTS, A CORPORATION, SHALL RETAIN ALL COMMON LAW, STATUTORY, AND

EROSION AND SEDIMENTATION CONTROL NOTES

1. THE CONTRACTOR AND RELEVANT SUBCONTRACTOR SHALL READ AND UNDERSTAND THE RIPDES GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY (GENERAL PERMIT) AND THE SITE SPECIFIC SOIL EROSION AND SEDIMENT CONTROL PLAN (SESC) PREPARED FOR THE PROJECT. ALL EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST REVISION.
2. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE CONDITIONS ISSUED FOR THE PROJECT BY RIDEM AND BE RESPONSIBLE FOR CONFORMANCE WITH ALL PERMIT REQUIREMENTS AND CONSTRUCTION DOCUMENTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING OR INSTALLING ALL TEMPORARY SEDIMENT AND EROSION CONTROLS AS SHOWN ON THESE PLANS AND SHALL MAINTAIN ALL EROSION CONTROL MEASURES AS NECESSARY DURING THE ENTIRE CONSTRUCTION PERIOD.
4. ANTI-TRACKING PADS (R.I. STD. DETAIL 9.9.0) SHALL BE PROVIDED AT ALL POINTS OF EGRESS OR INGRESS AND SHALL BE MAINTAINED TO LIMIT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROAD.
5. EROSION CONTROL BARRIERS SHALL BE INSTALLED AS SHOWN ON THE EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF CONSTRUCTION OPERATIONS.
6. SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A WEEKLY BASIS AND AFTER EACH STORM EVENT OF 0.25 INCH OR GREATER DURING CONSTRUCTION TO INSURE THAT CHANNELS, DITCHES AND PIPES ARE CLEAR OF DEBRIS AND THAT THE EROSION CONTROL BARRIERS ARE INTACT. IDENTIFIED DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY.
7. DUST SHALL BE CONTROLLED BY WATERING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
8. THE CONTRACTOR SHALL CLEAN AND MAINTAIN EROSION CONTROL BARRIER WHEN SEDIMENT ACCUMULATES TO ONE HALF THE HEIGHT OF THE BARRIER. MATERIAL COLLECTED FROM THE SEDIMENTATION BARRIERS SHALL BE REMOVED AS NECESSARY AND DISPOSED IN AN UPLAND AREA.
9. THE CONTRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SUB GRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT PONDING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED CURB MAY RETAIN RUNOFF PRIOR TO APPLICATION OF SURFACE PAVING. PROVIDE TEMPORARY POSITIVE DRAINAGE, AS REQUIRED, TO STABILIZED DISCHARGE POINTS.
10. INSTALLATION OF THE EROSION CONTROL BARRIERS AS ILLUSTRATED IS INTENDED TO REPRESENT THE MINIMUM SEDIMENTATION CONTROL FACILITIES NECESSARY TO MEET ANTICIPATED SITE CONDITIONS. ADDITIONAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT TO AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
11. REQUIRED SEDIMENTATION CONTROL FACILITIES MUST BE PROPERLY ESTABLISHED, CLEARLY VISIBLE AND IN OPERATION PRIOR TO INITIATING ANY LAND CLEARING ACTIVITY AND/OR OTHER CONSTRUCTION RELATED WORK. SUCH FACILITIES SHALL REPRESENT THE LIMIT OF WORK. WORKERS SHALL BE INFORMED THAT NO CONSTRUCTION ACTIVITY IS TO OCCUR BEYOND THE LIMIT OF WORK AT ANY TIME THROUGHOUT THE CONSTRUCTION PERIOD.
12. THE CONTRACTOR SHALL MAINTAIN A SUFFICIENT RESERVE OF VARIOUS EROSION CONTROL MATERIALS ONSITE AT ALL TIMES FOR EMERGENCY PURPOSES OR ROUTINE MAINTENANCE.
13. EXISTING CATCH BASINS AND STORM DRAIN INLETS SHALL BE PROTECTED WITH APPROPRIATE TEMPORARY INLET PROTECTION IN ACCORDANCE WITH THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK.
14. DE-WATERING WASTE WATERS PUMPED FROM EXCAVATIONS SHALL BE CONVEYED BY HOSE TO AN UPLAND AREA AND DISCHARGED ONTO STRAW BALE CORRALS OR SEDIMENTATION BAGS.
15. THE CONTRACTOR SHALL NOT REMOVE ANY TEMPORARY SEDIMENT CONTROL BARRIERS UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED.
16. CONSTRUCTION SITE WASTE MATERIALS SHALL BE PROPERLY CONTAINED ONSITE AND DISPOSED OFF SITE AT A LOCATION IN ACCORDANCE WITH THE LOCAL AND STATE REGULATIONS.
17. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS UPON COMPLETION OF WORK IN THAT AREA.
18. ALL DRAINAGE STRUCTURES SHALL BE CLEARED OF ACCUMULATED SEDIMENT PRIOR TO ACCEPTANCE OF FINAL PROJECT.
19. NEWLY VEGETATED AREAS SHALL BE MAINTAINED REGULARLY TO ENSURE VEGETATED SURFACES.
20. EROSION AND SEDIMENTATION CONTROLS SHALL B E UTILIZED AS SHOWN ON THE PLANS. POTENTIAL EROSION AND SEDIMENTATION PROBLEMS ASSOCIATED WITH THE CONSTRUCTION OF THE PROJECT SHALL BE AVOIDED THROUGH THE PROJECT SCHEDULING AND THE USE OF APPROPRIATE STANDARD CONTROLS (RHODE ISLAND SOIL EROSION AND SEDIMENTATION CONTROL HANDBOOK) AS ILLUSTRATED ON THE PROJECT PLANS.
21. WHERE EROSION CONTROLS ARE NEEDED ON IMPERVIOUS SURFACES, THE CONTRACTOR SHALL PROVIDE SAND BAG EROSION CONTROL BARRIER.
22. TEMPORARY DIVERSION (TD) MAY CONSIST OF A DITCH OR SWALE, OR MAY BE ACHIEVED USING WOOD CHIPS, COIR LOGS, OR SIMILAR MATERIALS.
23. TEMPORARY SEDIMENT TRAPS (TST) AND TEMPORARY SWALES (TSW) SHALL BE SIZED BY THE CONTRACTOR USING THE PARAMETERS CONTAINED IN THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK.

STORM WATER MANAGEMENT SYSTEM INSPECTION AND MAINTENANCE NOTES DURING CONSTRUCTION (CONTRACTOR'S RESPONSIBILITY)

1. THE CONTRACTOR SHALL REMOVE SEDIMENT AND DEBRIS FROM ALL CATCH BASINS, MANHOLES, AND THE DRAINAGE SYSTEM ON A ROUTINE BASIS, IMMEDIATELY FOLLOWING SITE STABILIZATION, AND PRIOR TO PROJECT COMPLETION AND ACCEPTANCE.
2. THE CLOSED DRAINAGE SYSTEM AND ASSOCIATED STRUCTURES SHALL B E CLEANED AND FLUSHED BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF THE DRAINAGE SYSTEM UNTIL ACCEPTANCE OF THE SYSTEM BY THE ENGINEER AND THE CITY OF PAWTUCKET. THE OWNER OF THE SITE SHALL BE RESPONSIBLE FOR THE LONG-TERM INSPECTION AND MAINTENANCE OF THE DRAINAGE SYSTEM.
3. ANY ACCUMULATION OF PONDING WATER IN AREAS WITHIN THE LIMITS OF DISTURBANCE, OTHER THAN DESIGNATED AREAS, SHALL BE REMOVED ACCORDINGLY AND PREVENTED IN THE FUTURE.

POST CONSTRUCTION (OWNER'S RESPONSIBILITY)

1. TRASH, LITTER, SEDIMENT AND OTHER DEBRIS SHALL BE REMOVED FROM ANY STORMWATER MANAGEMENT SYSTEM FACILITY (INCLUDING BUT NOT LIMITED TO CAST BASINS, MANHOLES, AND INLET) A MINIMUM OF TWO TIMES PER YEAR, PREFERABLY IN THE SPRING AND FALL, AT THE COST OF THE OWNER.
2. THE PARKING LOT AND ENTRY DRIVE SHALL BE SWEPT BY THE OWNER AS EARLY AS POSSIBLE EVERY SPRING AND ONCE IN THE FALL TO REMOVE SEDIMENTS.
3. ALL CLEANING AND MAINTENANCE OF STORMWATER MANAGEMENT SYSTEMS SHALL BE THE RESPONSIBILITY OF THE OWNER.

DETec.
D'AMICO ENGINEERING TECHNOLOGY, INC.
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CALLED NORTH

KEY PLAN

DAVID M. D'AMICO No. 7749 REGISTERED PROFESSIONAL ENGINEER CIVIL 10/23/25

OWNER:
CITY OF PROVIDENCE
Providence City Hall
25 Dorrance Street
Providence, RI 02903

PROJECT:
NEW SCHOOL:
LIMA STUART ELEMENTARY SCHOOL
188 PRINCETON AVE.
Providence, RI 02903

CONTENT:
SOIL EROSION AND SEDIMENT CONTROL DETAILS

STATUS:
SCHEMATIC DESIGN FOR PERMIT

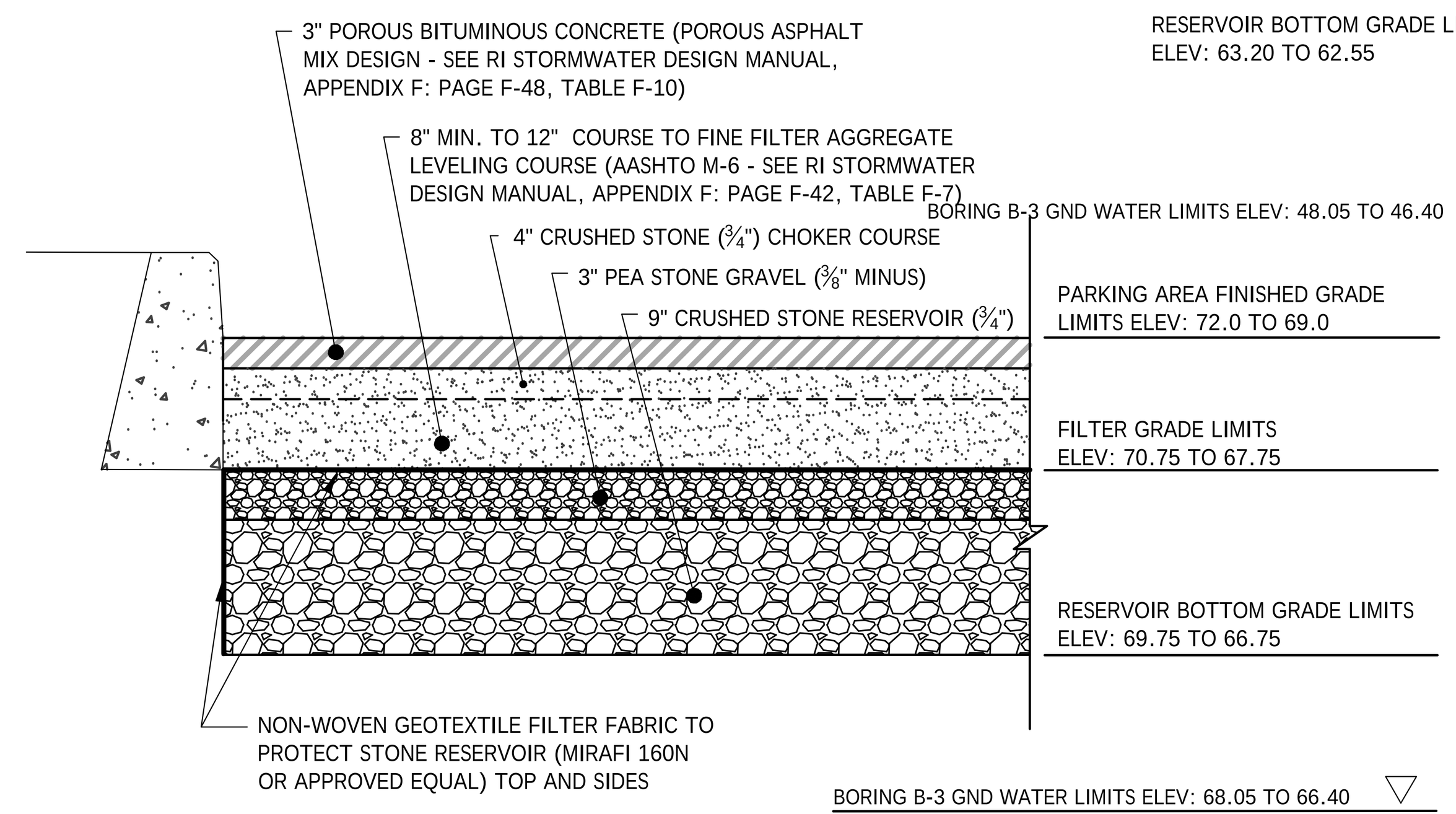
DATE:	REV. #	DESCRIPTION

REVISIONS:

DATE:	AUG. 29, 2025
JOB No:	
DRWN BY:	D.M.D.
CHECKED BY:	D.M.D.
SCALE:	AS NOTED

C5.0

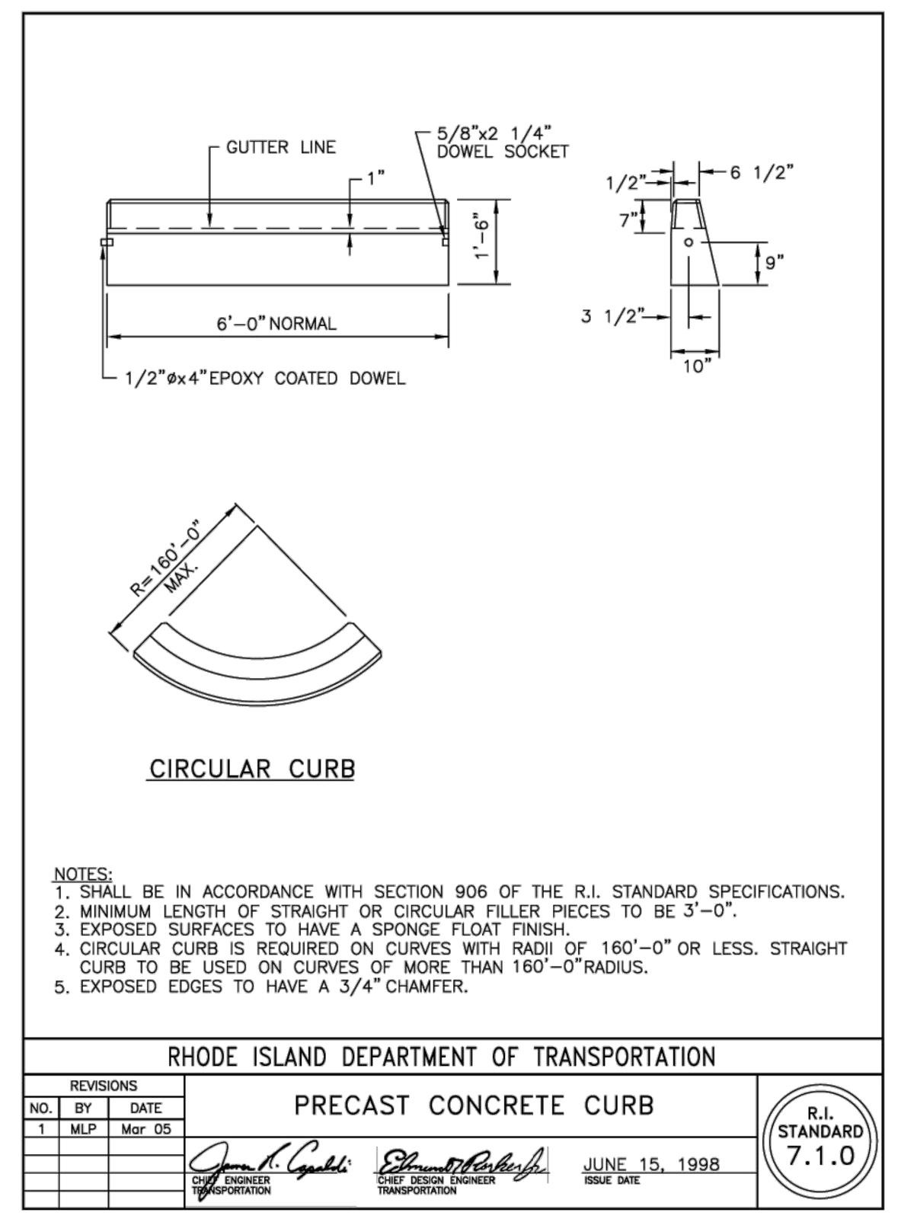
SHEET OF

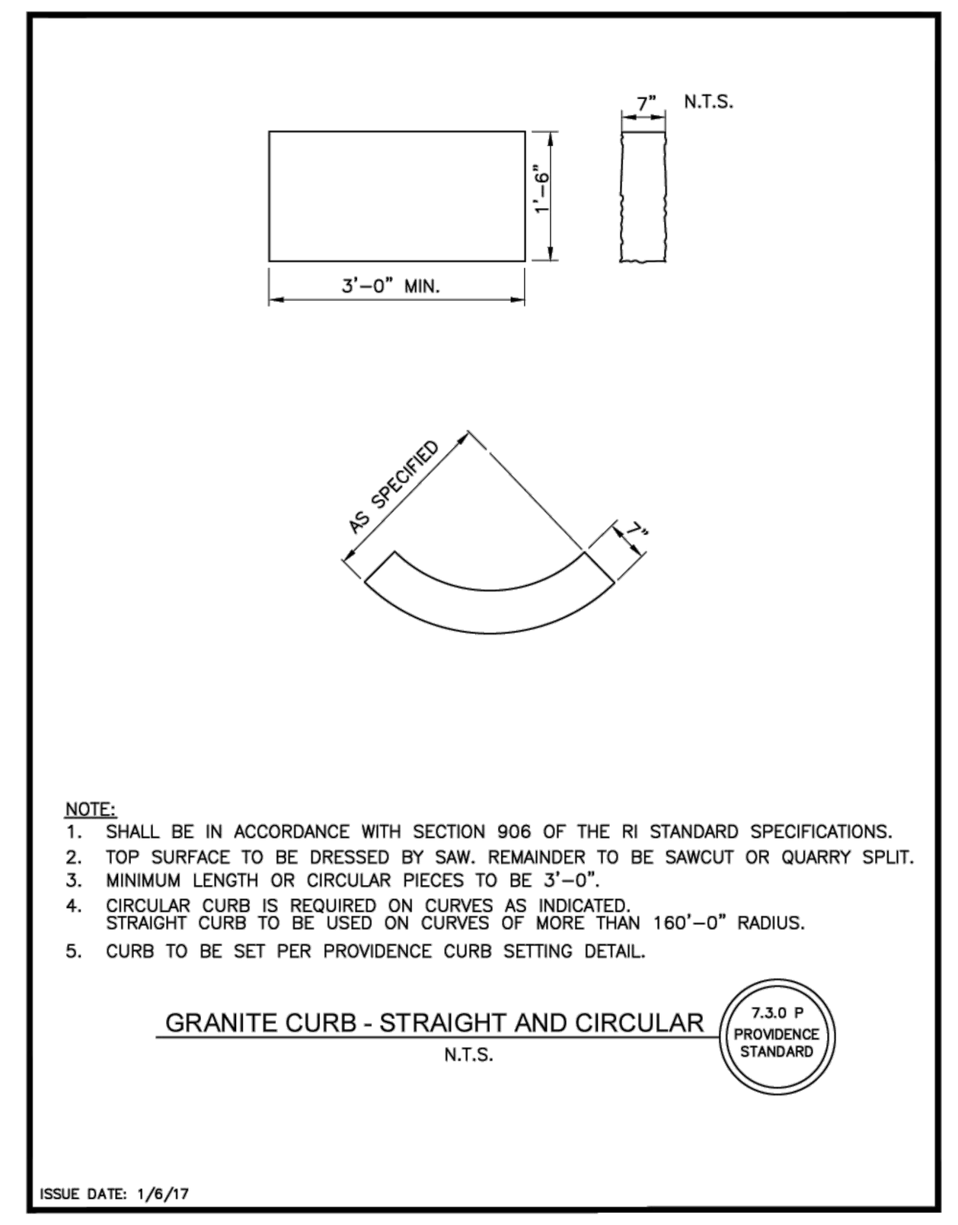


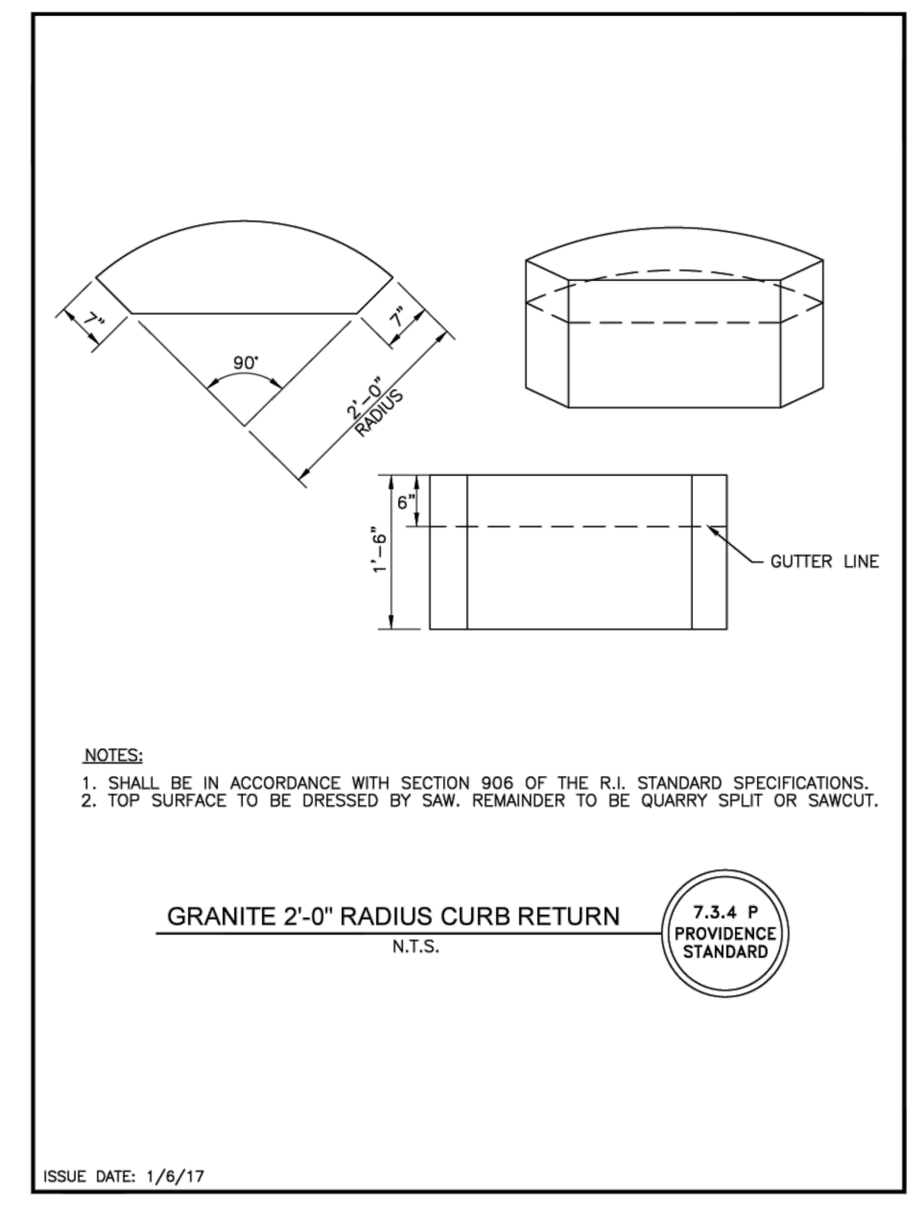
SIEVE ANALYSIS AND PERMEABILITY TESTS IN ACCORDANCE WITH RIDEM SPECIFICATIONS OF ALL MATERIALS TO BE UTILIZED MUST BE CONDUCTED AND APPROVED BY THE ENGINEER BEFORE INSTALLATION OF THE PERVIOUS PAVEMENT PROCEEDS.

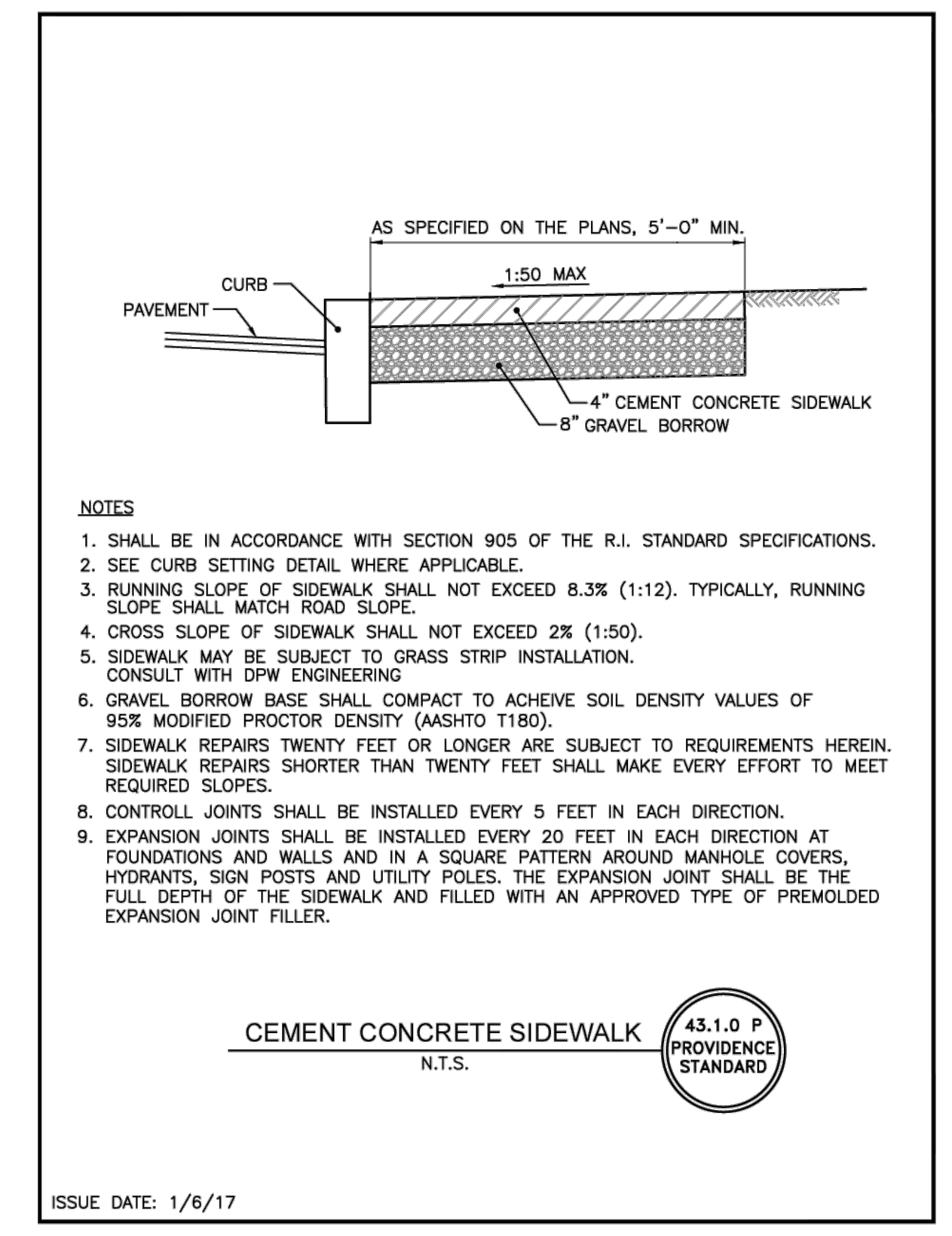
PERVIOUS PAVEMENT SUB-BASE MAKEUP DETAIL

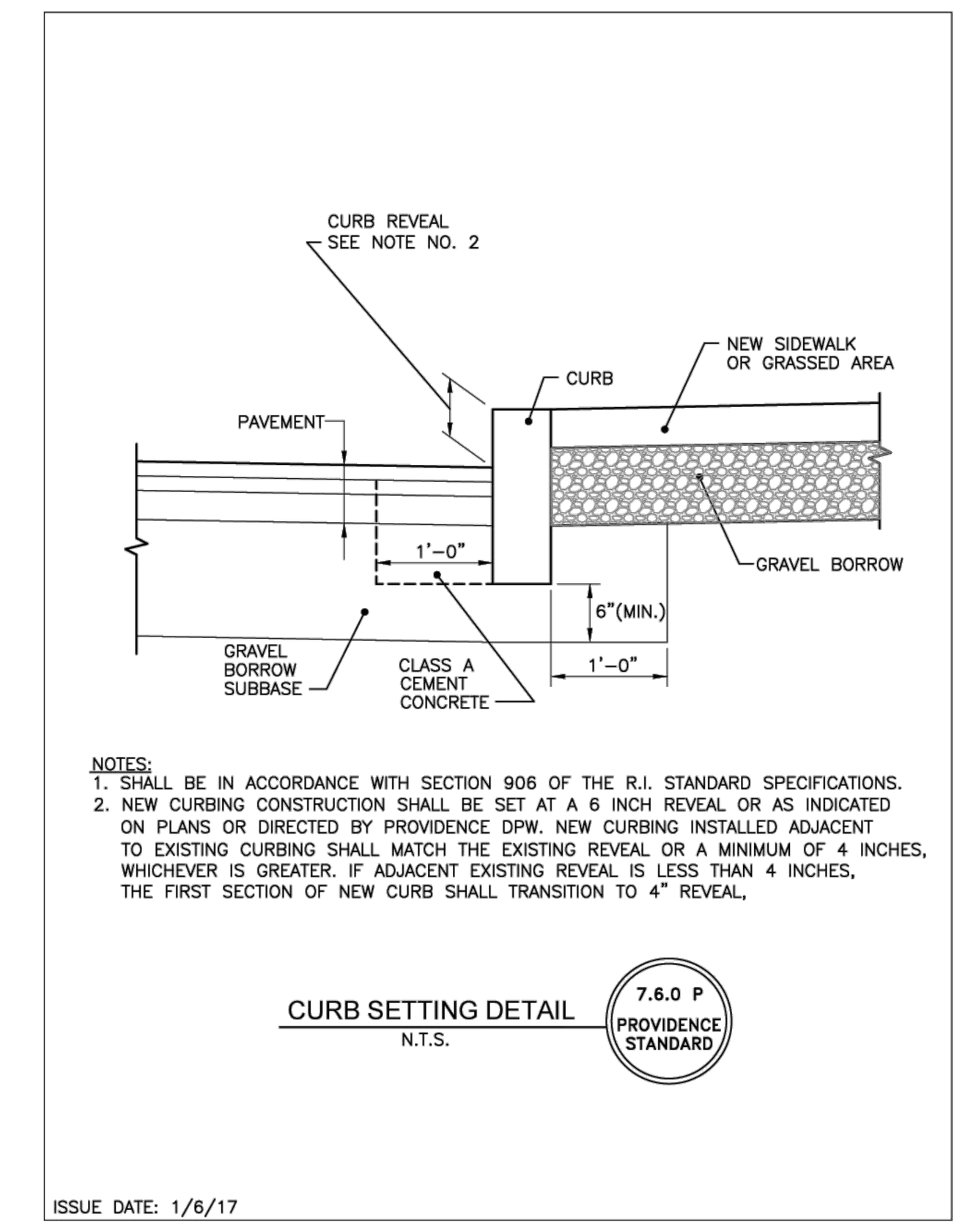
NOT TO SCALE

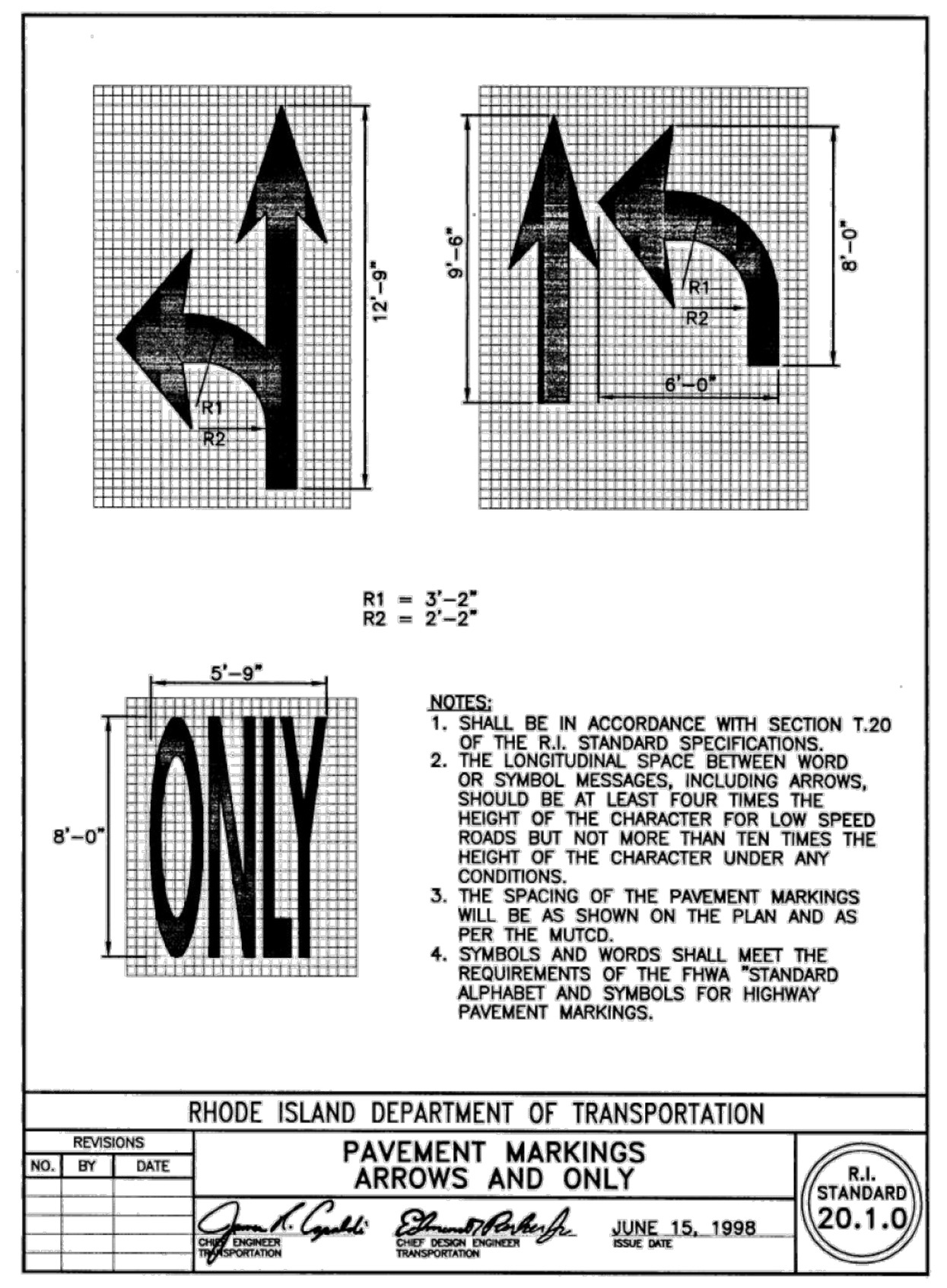


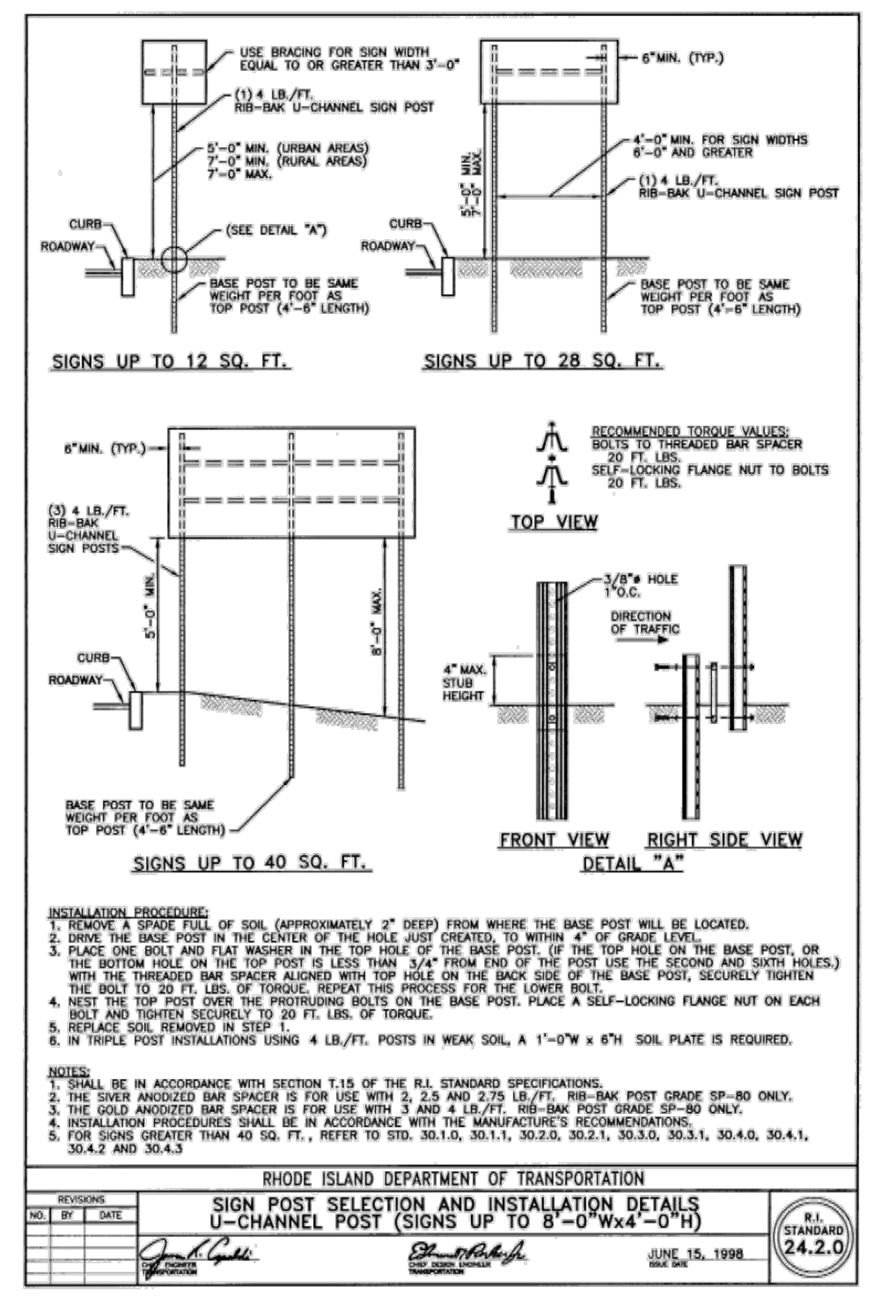


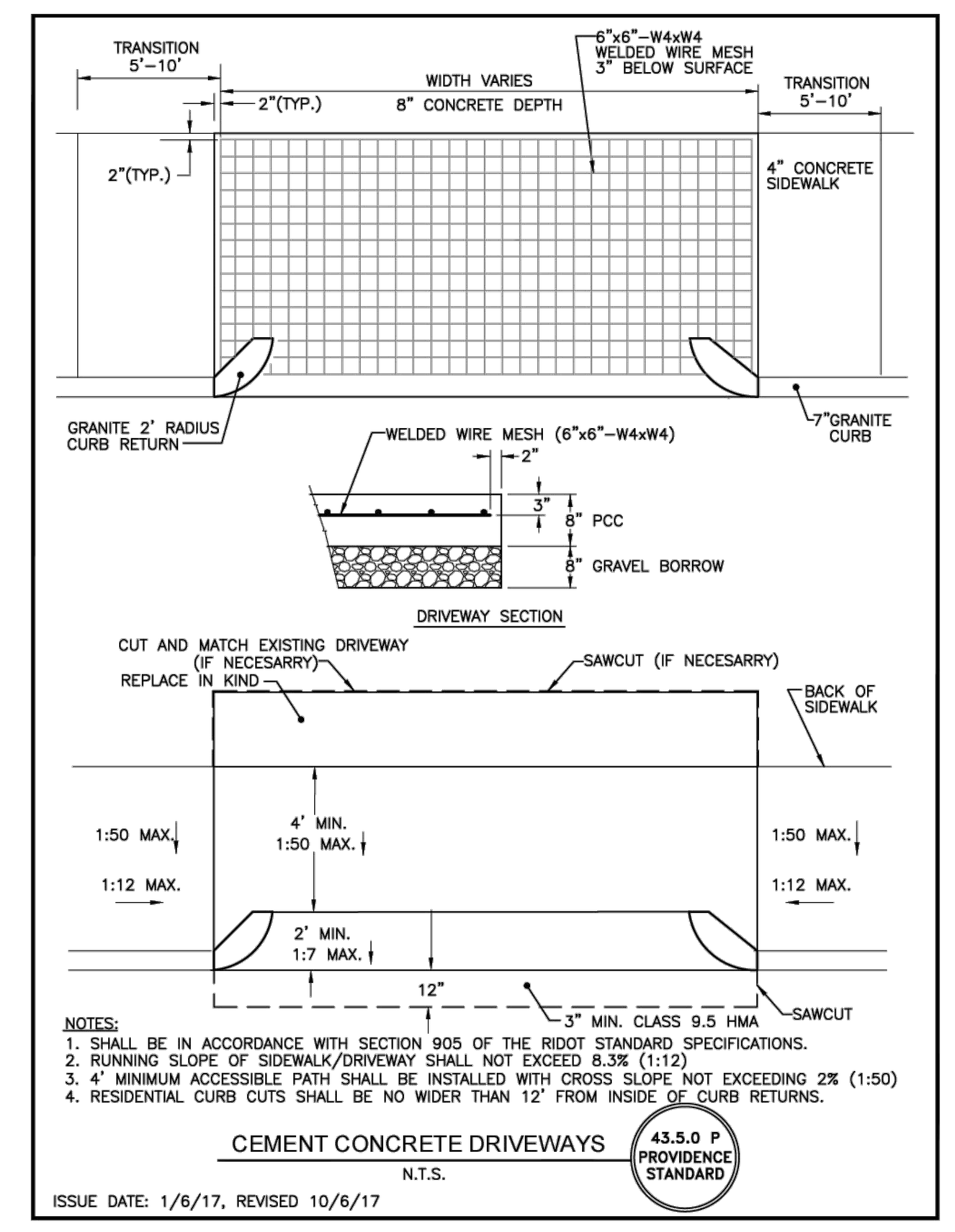


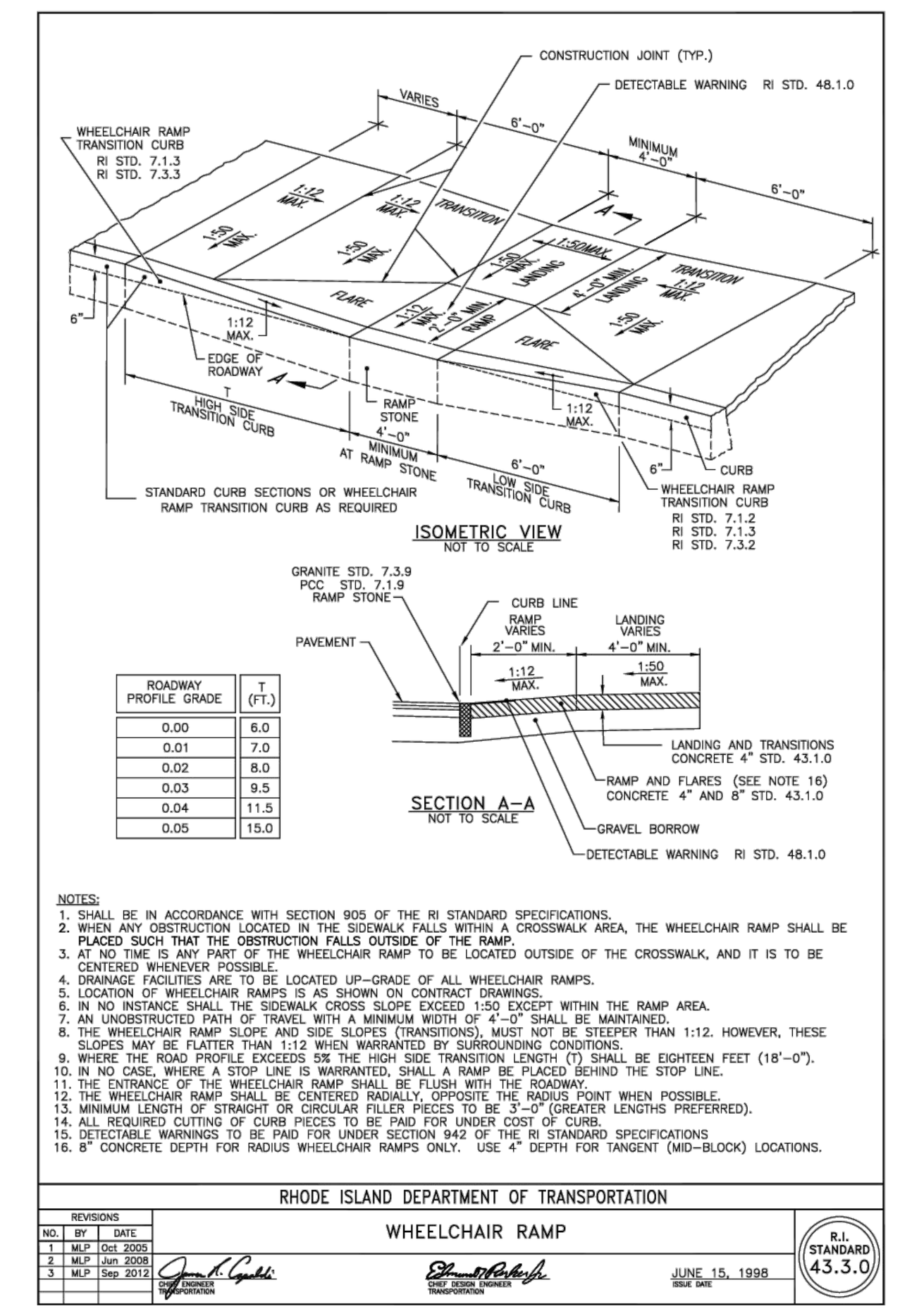


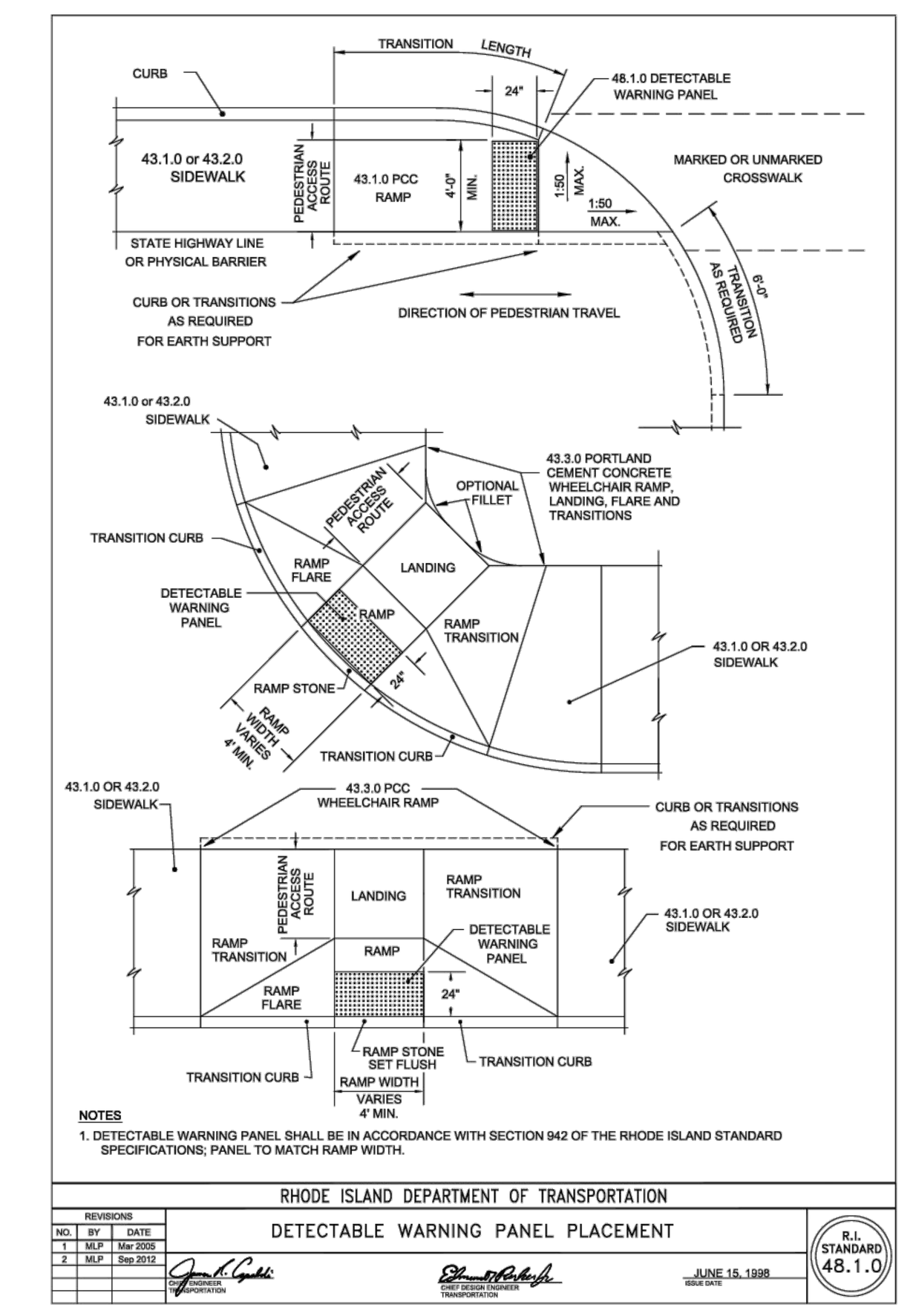


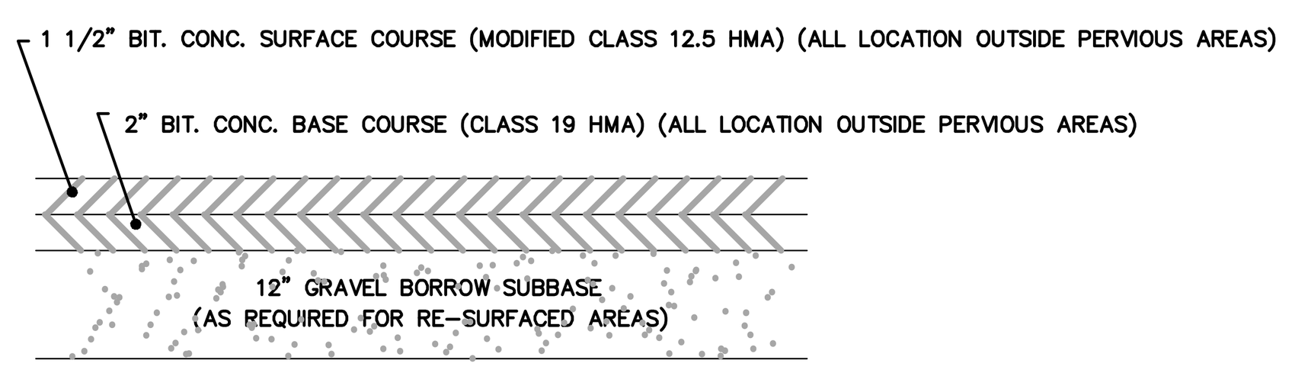








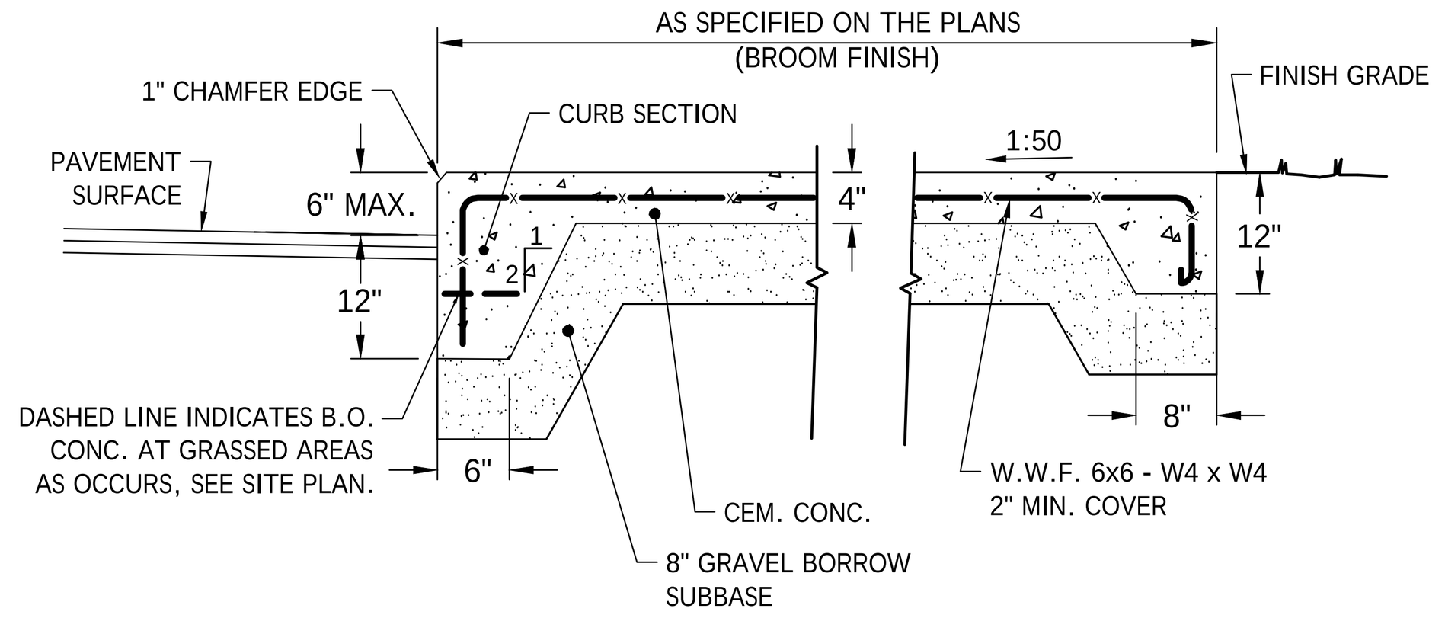




NOTE: SEE SITE PLAN FOR SPECIFIC PAVEMENT MAKEUP DEPTHS

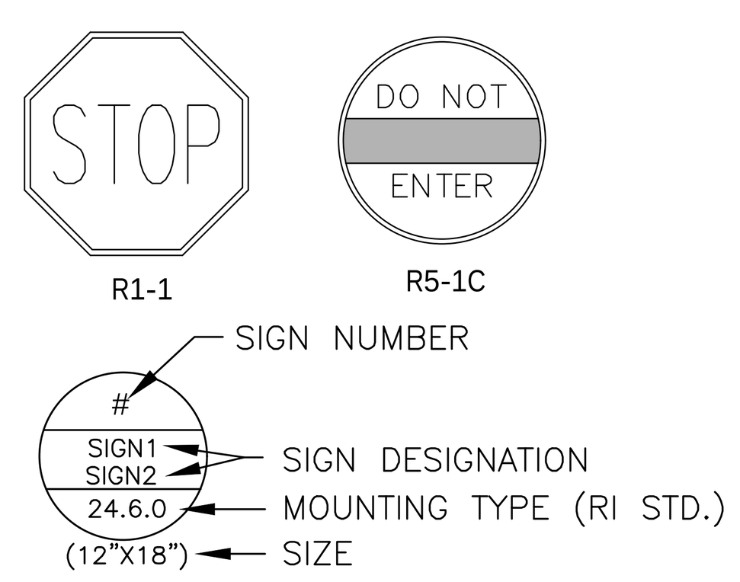
PAVEMENT CROSS SECTION - ON-SITE

NOT TO SCALE

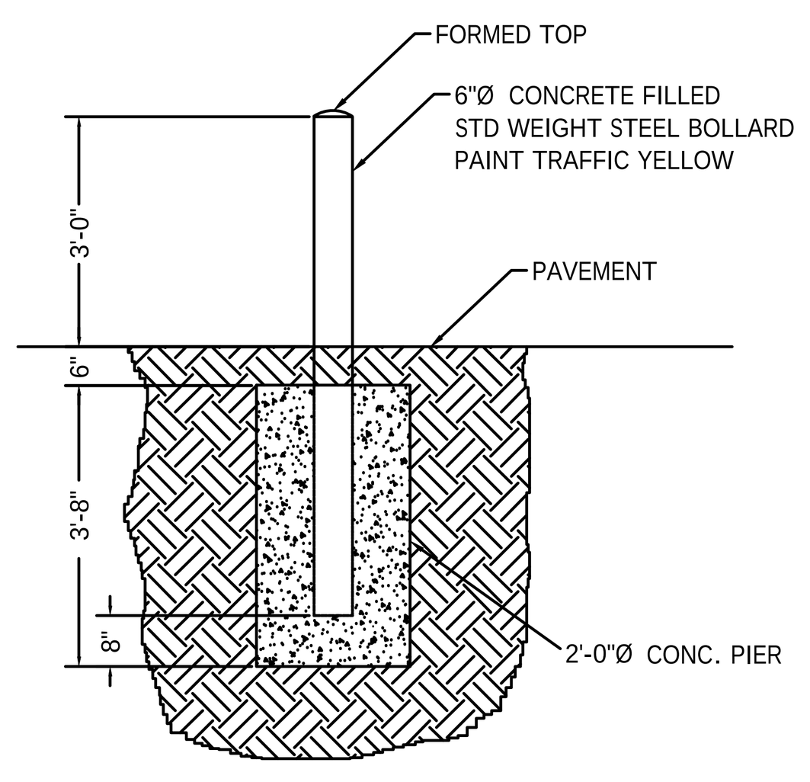


CEMENT CONCRETE PAD OR WALKWAY - MONOLITHIC POUR ON-SITE ONLY

NTS

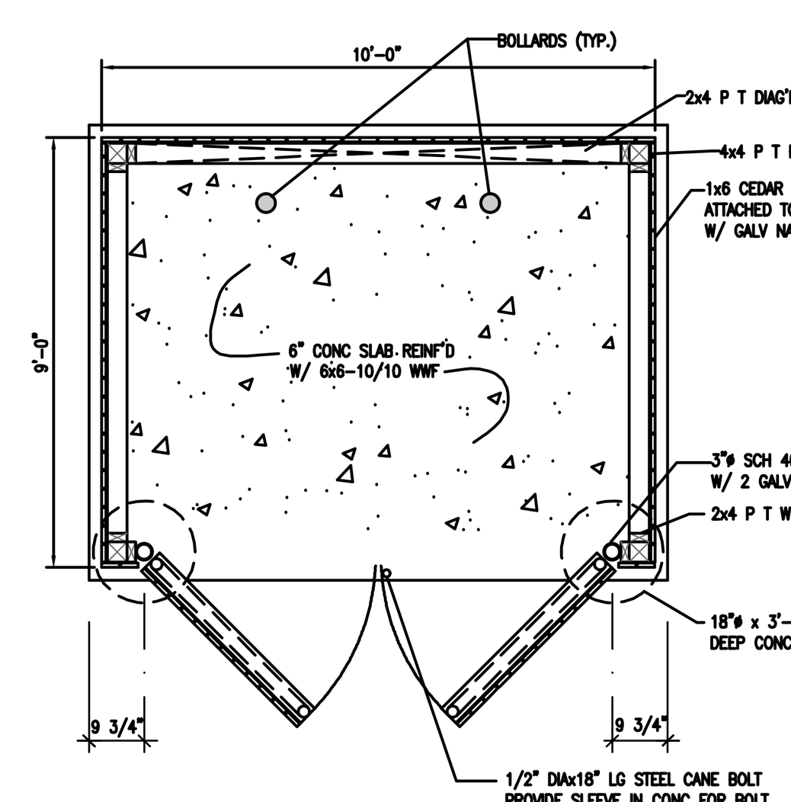


SIGN LEGEND



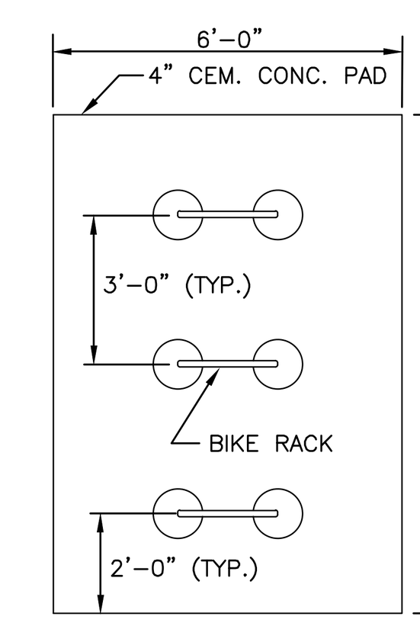
TYPICAL BOLLARD DETAIL

NOT TO SCALE

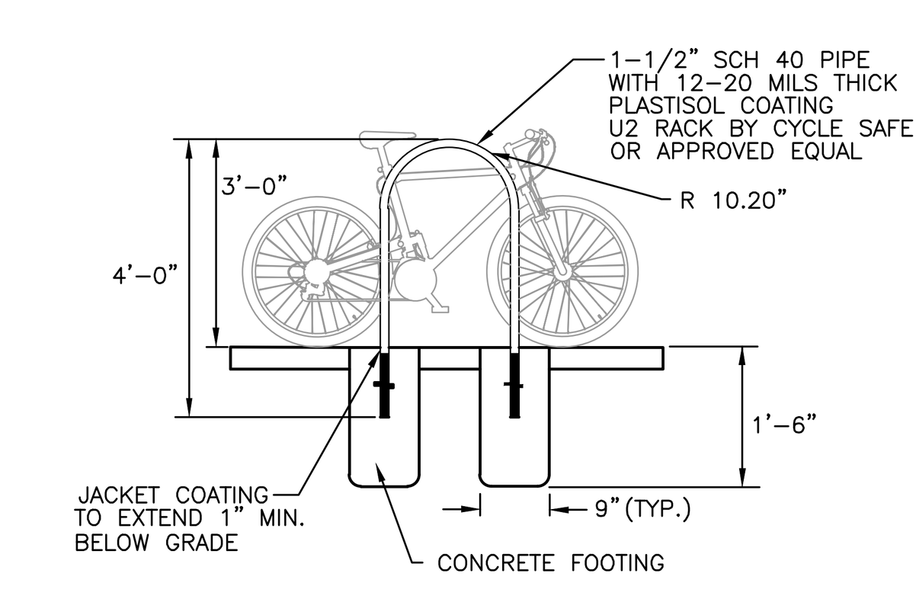


DUMPSTER ENCLOSURE PLAN

NOT TO SCALE

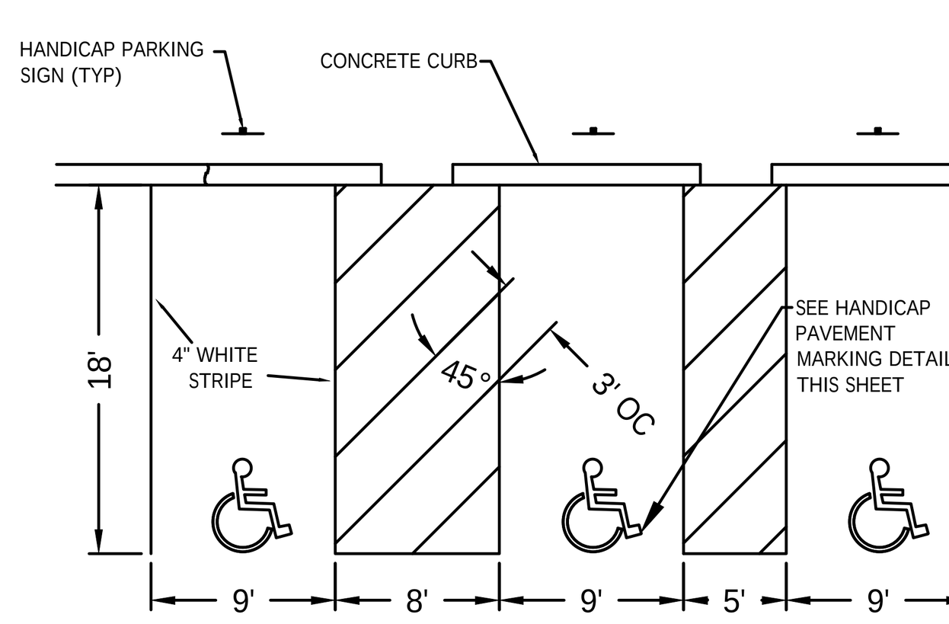


TYPICAL SIX BIKE RACK LAYOUT PLAN



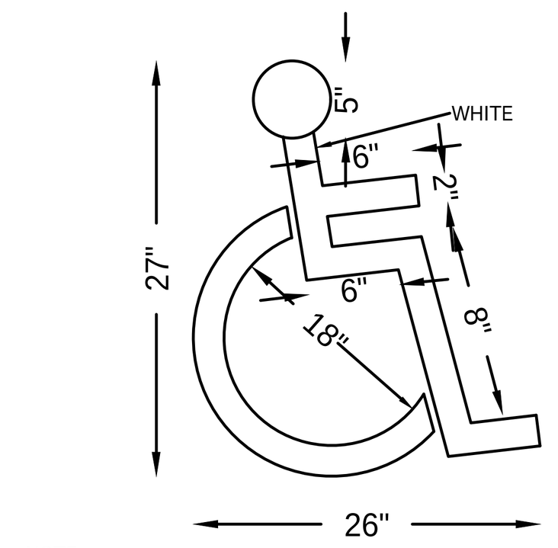
TYPICAL BIKE RACK DETAIL

NOT TO SCALE



ADA PARKING STALLS

NOT TO SCALE



NOTE:
1. ALL HANDICAP PARKING AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE RHODE ISLAND STATE BUILDING CODE.

ADA PAVEMENT MARKING

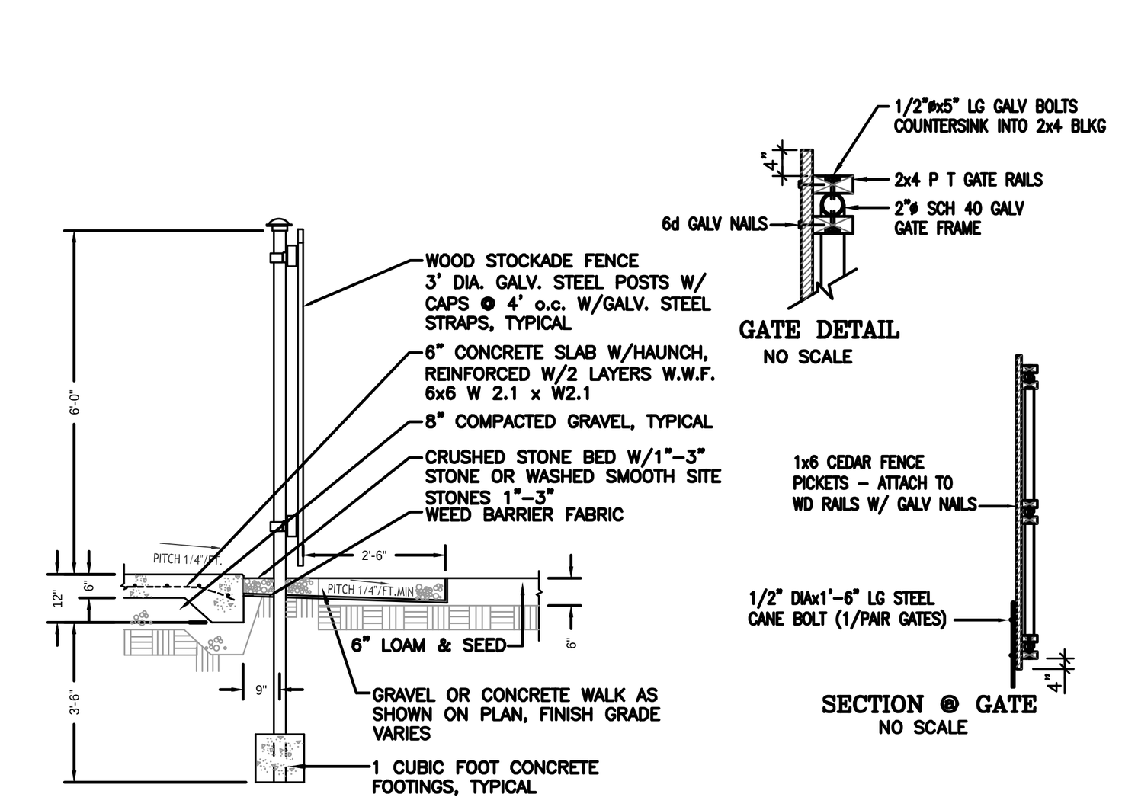
NOT TO SCALE

NOTE:
SIGNS ARE TO CONFORM WITH THE MOST RECENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. (MUTCD)

SIGN NOTES:
1. SIGN POSTS SHALL BE GALVANIZED STEEL U-CHANNEL (3 1/2" WIDE-MIN) AND INSTALLED IN CONFORMANCE TO M.U.T.C.D. AND RHODE ISLAND STANDARD SPECIFICATIONS.
2. POSTS SHALL BE DRIVEN TO A DEPTH OF 4 FEET (MIN).
3. THE EDGE OF THE SIGN SHALL BE 18" FROM THE FACE OF THE CURB.
4. WITHIN SIDEWALK LOCATIONS THE SIGN POST WILL BE INSTALLED WITHIN A 8"X8"X6" SQUARE BOX FORM.

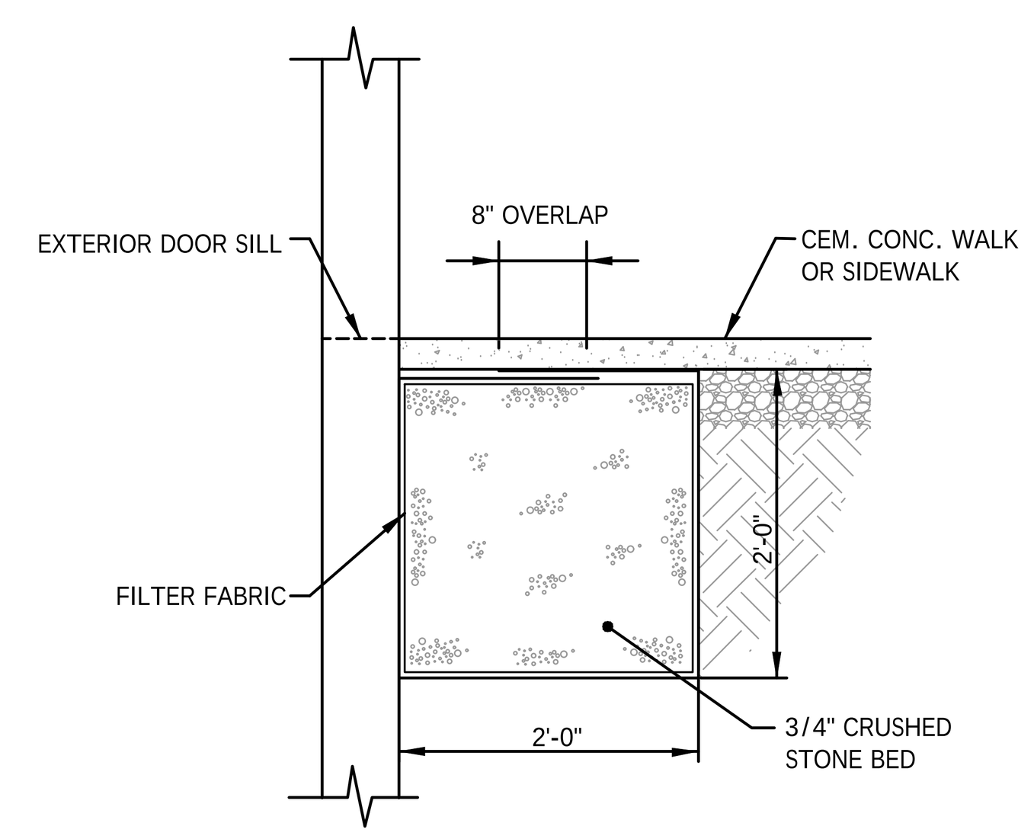
ADA PARKING SIGNS

NOT TO SCALE



DUMPSTER PAD/FENCE DETAIL

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



2' x 2' STONE SUBBASE AT EXTERIOR DOORWAYS

NOT TO SCALE

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CALLED NORTH

KEY PLAN

DAVID M. D'AMICO
No. 5749
REGISTERED PROFESSIONAL ENGINEER CIVIL
10/23/25

OWNER:

CITY OF PROVIDENCE

Providence City Hall
25 Dorrance Street
Providence, RI 02903

PROJECT:

NEW SCHOOL:

LIMA STUART ELEMENTARY SCHOOL

188 PRINCETON AVE.
Providence, RI 02903

CONTENT:

SITE DETAILS PLAN NO. 1

STATUS:

SCHEMATIC DESIGN FOR PERMIT

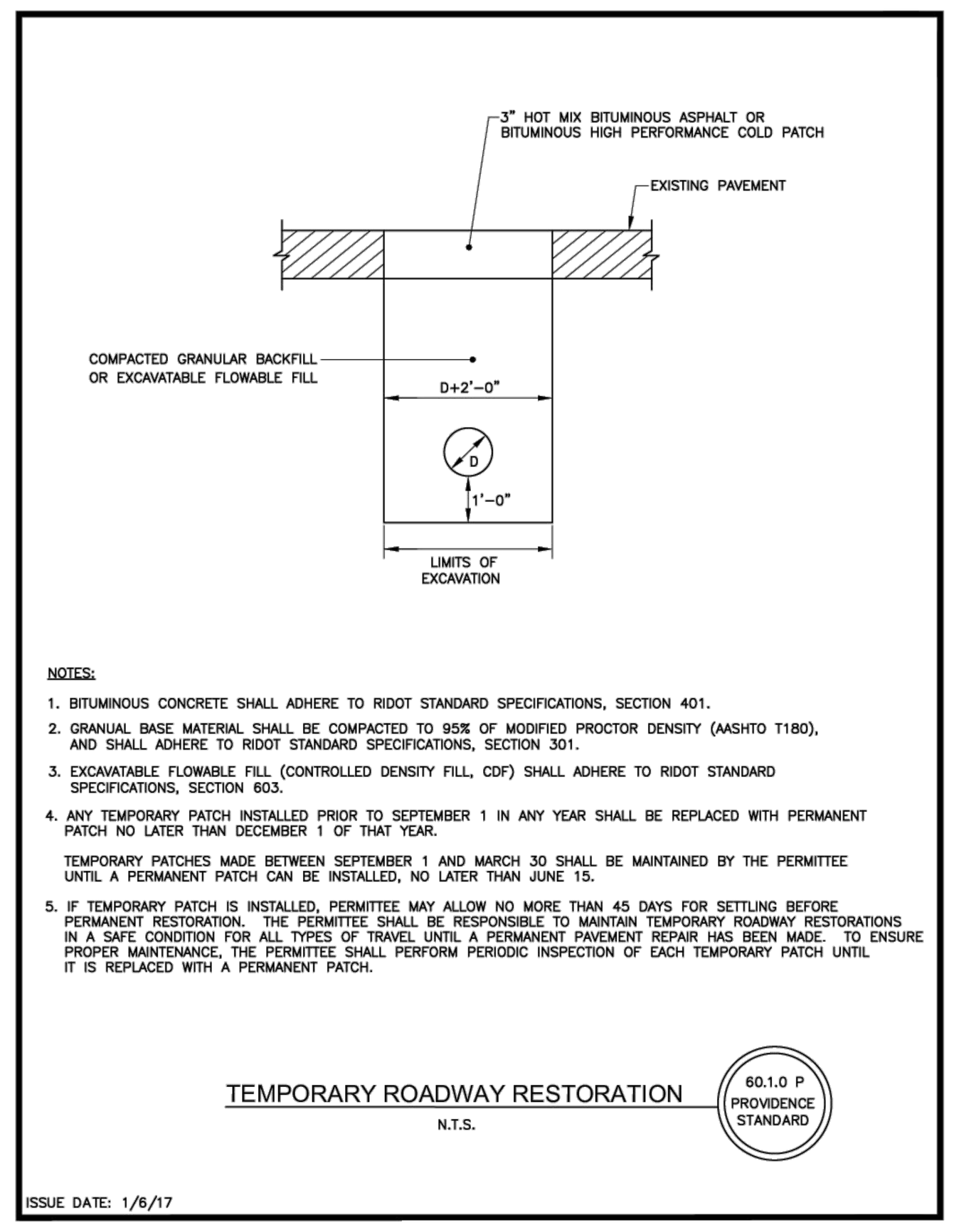
DATE:	REV. #	DESCRIPTION

REVISIONS:

DATE:	AUG. 29, 2025
JOB No:	
DRWN BY:	D.M.D.
CHECKED BY:	D.M.D.
SCALE:	AS NOTED

C6.0

SHEET OF

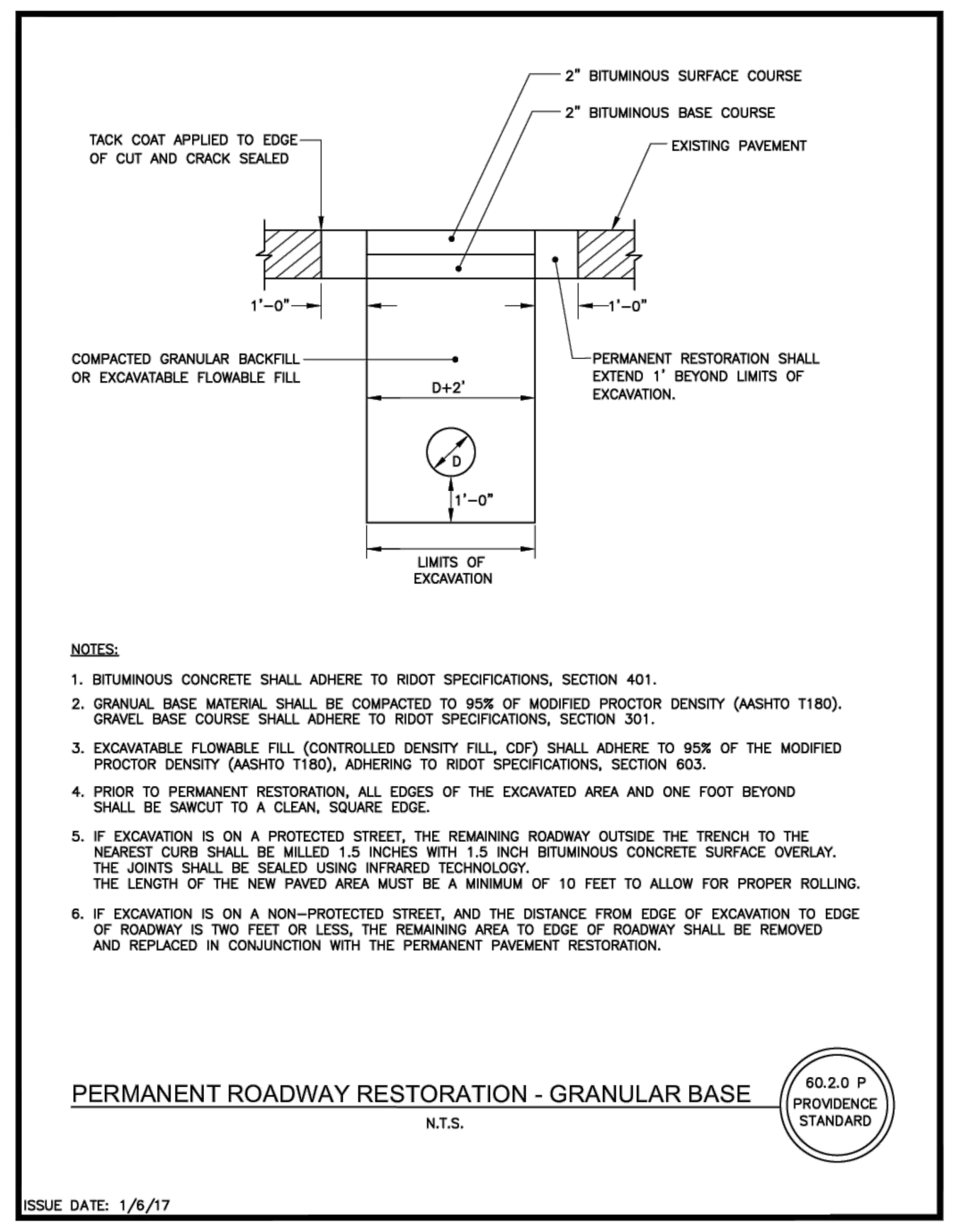


TEMPORARY ROADWAY RESTORATION

N.T.S.

RD.1.0 P PROVIDENCE STANDARD

ISSUE DATE: 1/8/17



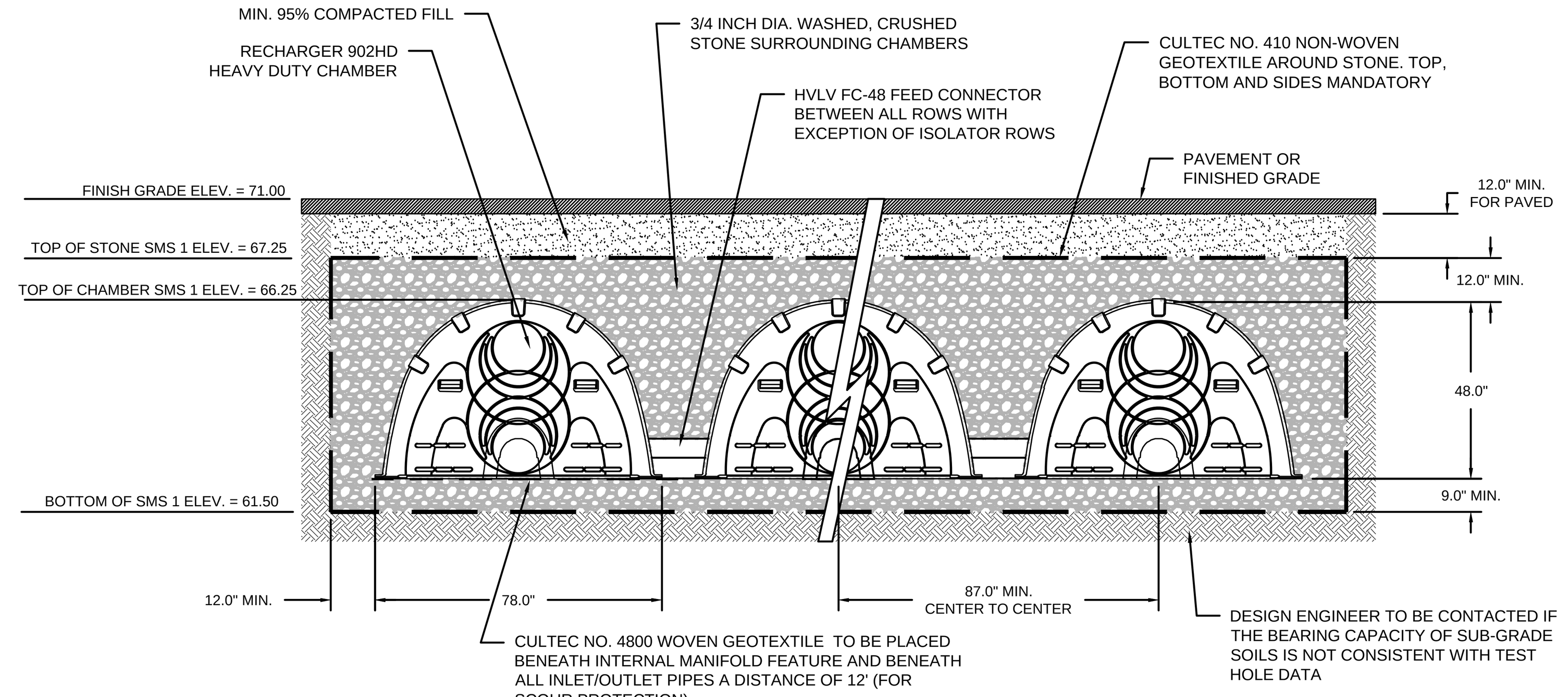
2" BITUMINOUS SURFACE COURSE
2" BITUMINOUS BASE COURSE
EXISTING PAVEMENT
TACK COAT APPLIED TO EDGE OF CUT AND CRACK SEALED
COMPACTED GRANULAR BACKFILL OR EXCAVATABLE FLOWABLE FILL
PERMANENT RESTORATION SHALL EXTEND 1' BEYOND LIMITS OF EXCAVATION
LIMITS OF EXCAVATION
NOTES:

PERMANENT ROADWAY RESTORATION - GRANULAR BASE

N.T.S.

RD.2.0 P PROVIDENCE STANDARD

ISSUE DATE: 1/8/17



MIN. 95% COMPACTED FILL
RECHARGER 902HD HEAVY DUTY CHAMBER
3/4 INCH DIA. WASHED, CRUSHED STONE SURROUNDING CHAMBERS
HVLV FC-48 FEED CONNECTOR BETWEEN ALL ROWS WITH EXCEPTION OF ISOLATOR ROWS
CULTEC NO. 410 NON-WOVEN GEOTEXTILE AROUND STONE. TOP, BOTTOM AND SIDES MANDATORY
PAVEMENT OR FINISHED GRADE
12.0" MIN. FOR PAVED
FINISH GRADE ELEV. = 71.00
TOP OF STONE SMS 1 ELEV. = 67.25
TOP OF CHAMBER SMS 1 ELEV. = 66.25
BOTTOM OF SMS 1 ELEV. = 61.50
12.0" MIN.
48.0"
9.0" MIN.
78.0"
87.0" MIN. CENTER TO CENTER
CULTEC NO. 4800 WOVEN GEOTEXTILE TO BE PLACED BENEATH INTERNAL MANIFOLD FEATURE AND BENEATH ALL INLET/OUTLET PIPES A DISTANCE OF 12' (FOR SCOUR PROTECTION)
DESIGN ENGINEER TO BE CONTACTED IF THE BEARING CAPACITY OF SUB-GRADE SOILS IS NOT CONSISTENT WITH TEST HOLE DATA

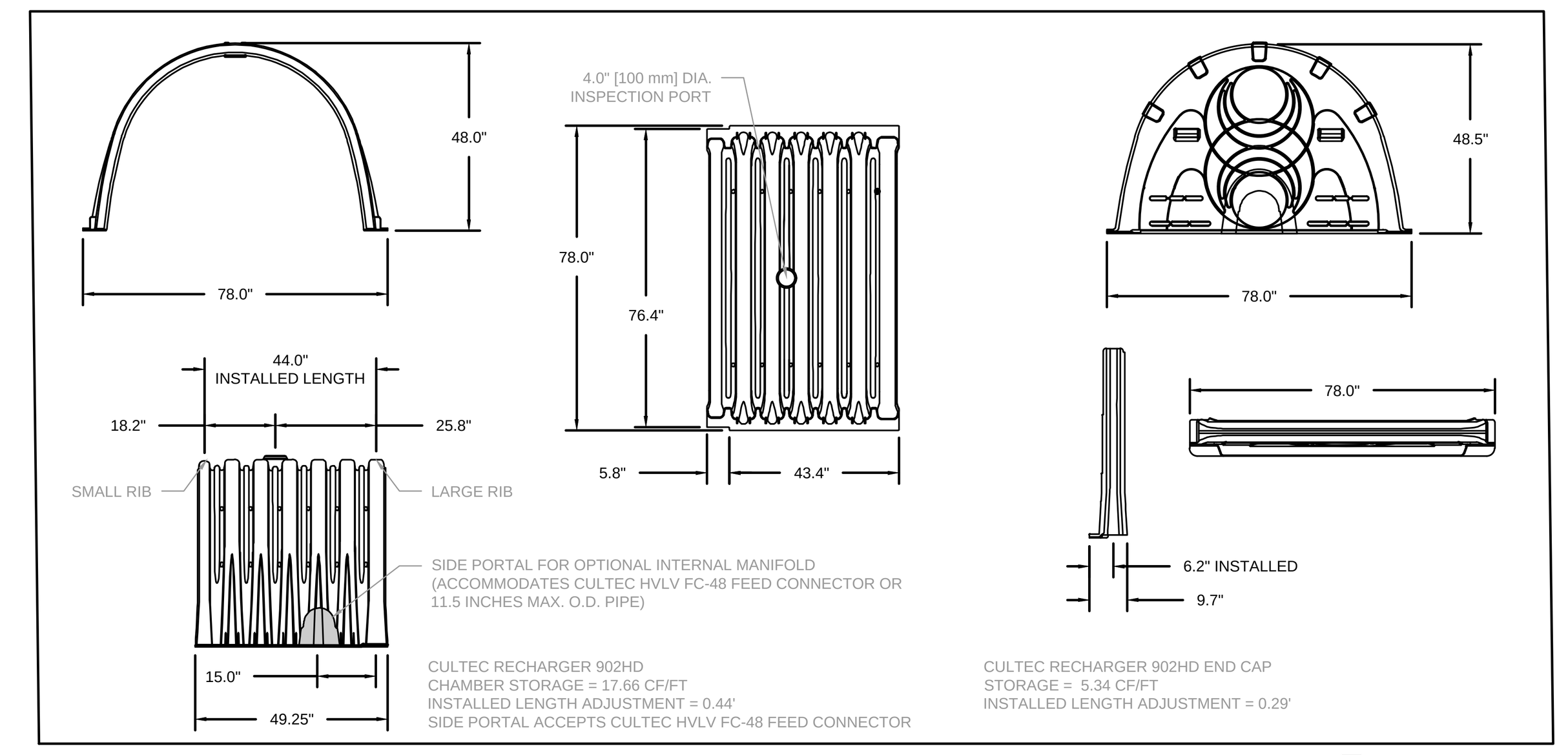
GENERAL NOTES

RECHARGER 902HD BY CULTEC, INC. OF BROOKFIELD, CT. THE CHAMBER WILL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS. ALL RECHARGER 902HD CHAMBERS MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES.
CALL CULTEC, INC. AT (800) 428-5832 TO ARRANGE A PRE-CONSTRUCTION MEETING.
USE RECHARGER 902HD HEAVY DUTY FOR TRAFFIC APPLICATIONS.

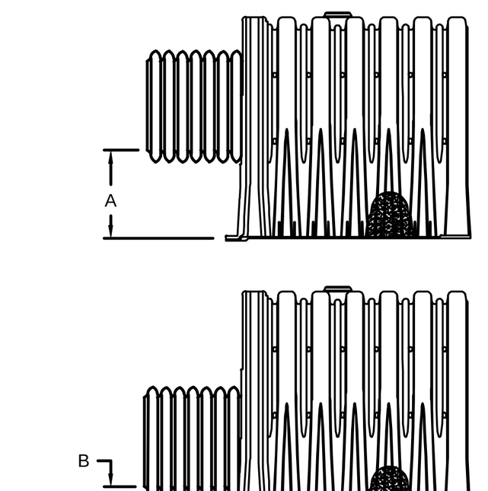
CROSS SECTION VIEW FOR SMS 1

NOT TO SCALE



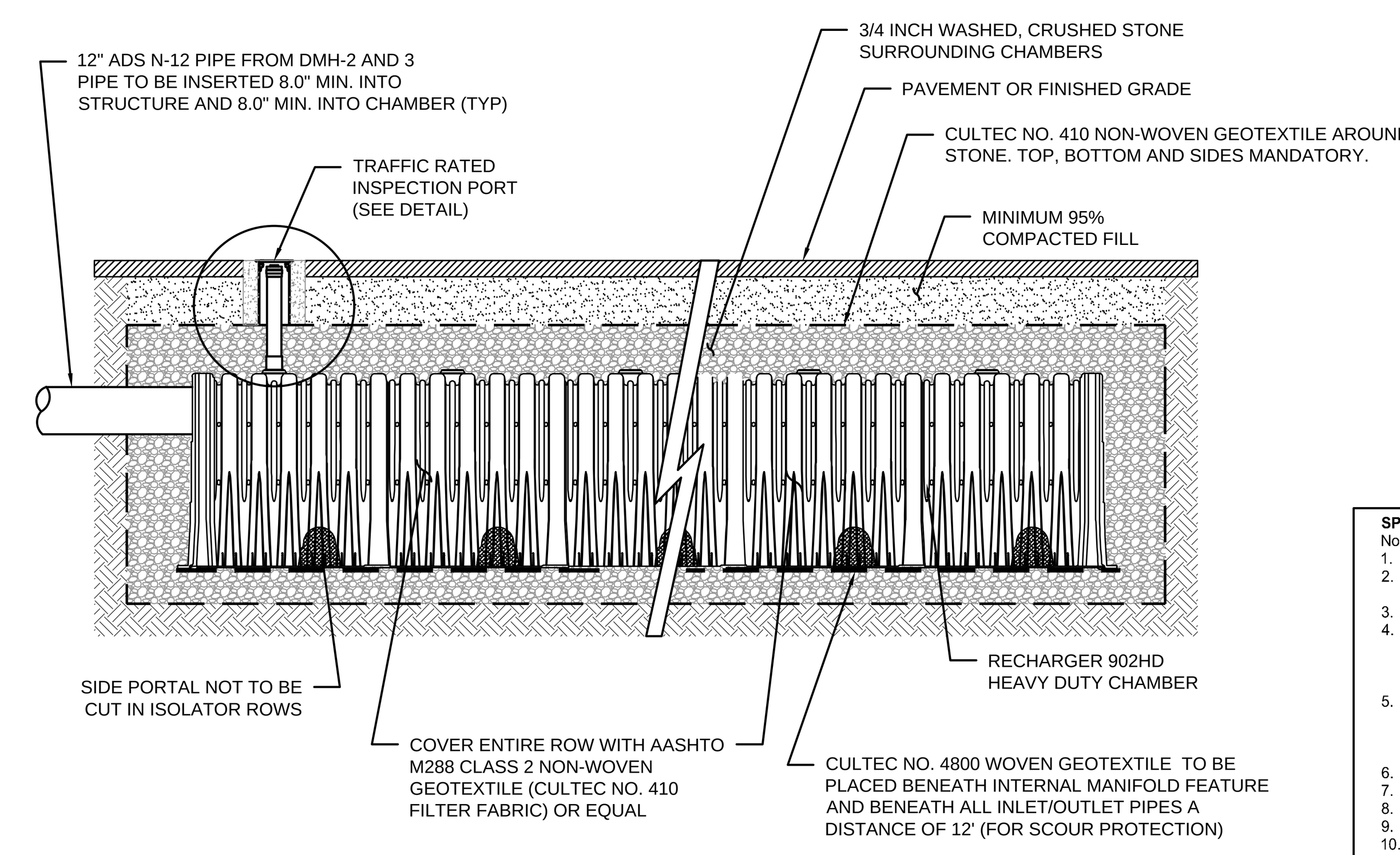
49.0"
78.0"
44.0" INSTALLED LENGTH
18.2"
25.8"
SMALL RIB
LARGE RIB
4.0" [100 mm] DIA. INSPECTION PORT
78.0"
76.4"
5.8"
43.4"
48.5"
6.2" INSTALLED
9.7"
SIDE PORTAL FOR OPTIONAL INTERNAL MANIFOLD (ACCOMMODATES CULTEC HVLV FC-48 FEED CONNECTOR OR 11.5 INCHES MAX. O.D. PIPE)
15.0"
49.25"
CULTEC RECHARGER 902HD
CHAMBER STORAGE = 17.66 CF/FT
INSTALLED LENGTH ADJUSTMENT = 0.44'
SIDE PORTAL ACCEPTS CULTEC HVLV FC-48 FEED CONNECTOR

PIPE	A	B
6" [150 mm]	N/A	N/A
8" [200 mm]	N/A	N/A
10" [250 mm]	N/A	N/A
12" [300 mm]	29.50" [749 mm]	2.25" [57 mm]
15" [375 mm]	26.50" [673 mm]	2.25" [57 mm]
18" [450 mm]	23.50" [597 mm]	2.50" [64 mm]
24" [600 mm]	16.50" [420 mm]	3.00" [76 mm]



CULTEC RECHARGER 902HD CHAMBER DETAILS

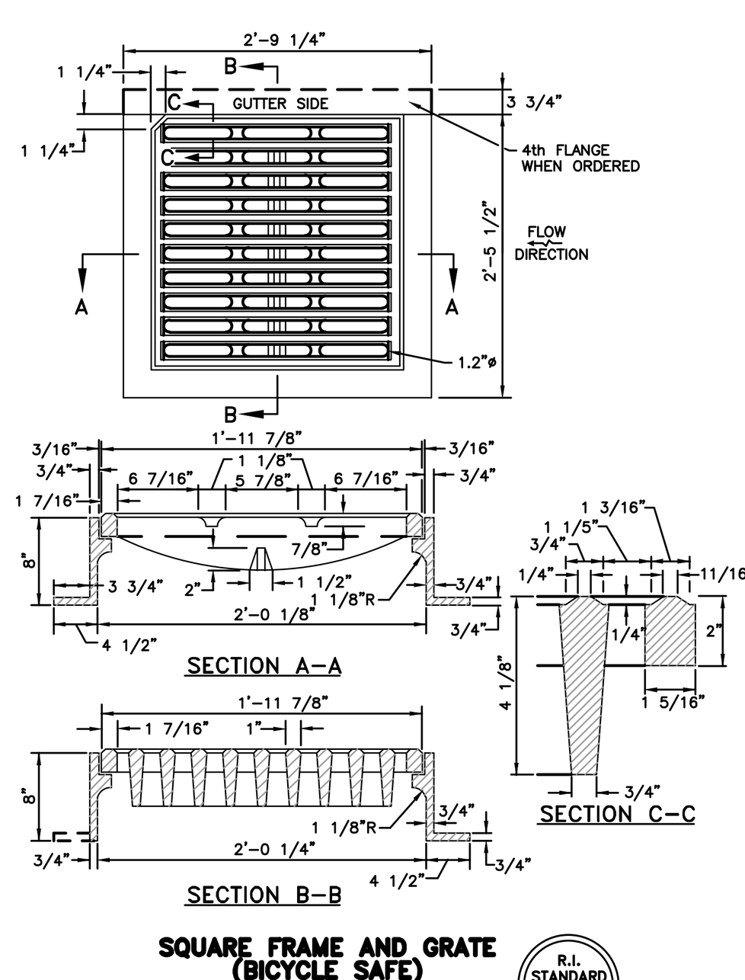
NOT TO SCALE



12" ADS N-12 PIPE FROM DMH-2 AND 3 PIPE TO BE INSERTED 8.0" MIN. INTO STRUCTURE AND 8.0" MIN. INTO CHAMBER (TYP)
TRAFFIC RATED INSPECTION PORT (SEE DETAIL)
3/4 INCH WASHED, CRUSHED STONE SURROUNDING CHAMBERS
PAVEMENT OR FINISHED GRADE
CULTEC NO. 410 NON-WOVEN GEOTEXTILE AROUND STONE. TOP, BOTTOM AND SIDES MANDATORY.
MINIMUM 95% COMPACTED FILL
SIDE PORTAL NOT TO BE CUT IN ISOLATOR ROWS
COVER ENTIRE ROW WITH AASHTO M288 CLASS 2 NON-WOVEN GEOTEXTILE (CULTEC NO. 410 FILTER FABRIC) OR EQUAL
RECHARGER 902HD HEAVY DUTY CHAMBER
CULTEC NO. 4800 WOVEN GEOTEXTILE TO BE PLACED BENEATH INTERNAL MANIFOLD FEATURE AND BENEATH ALL INLET/OUTLET PIPES A DISTANCE OF 12' (FOR SCOUR PROTECTION)

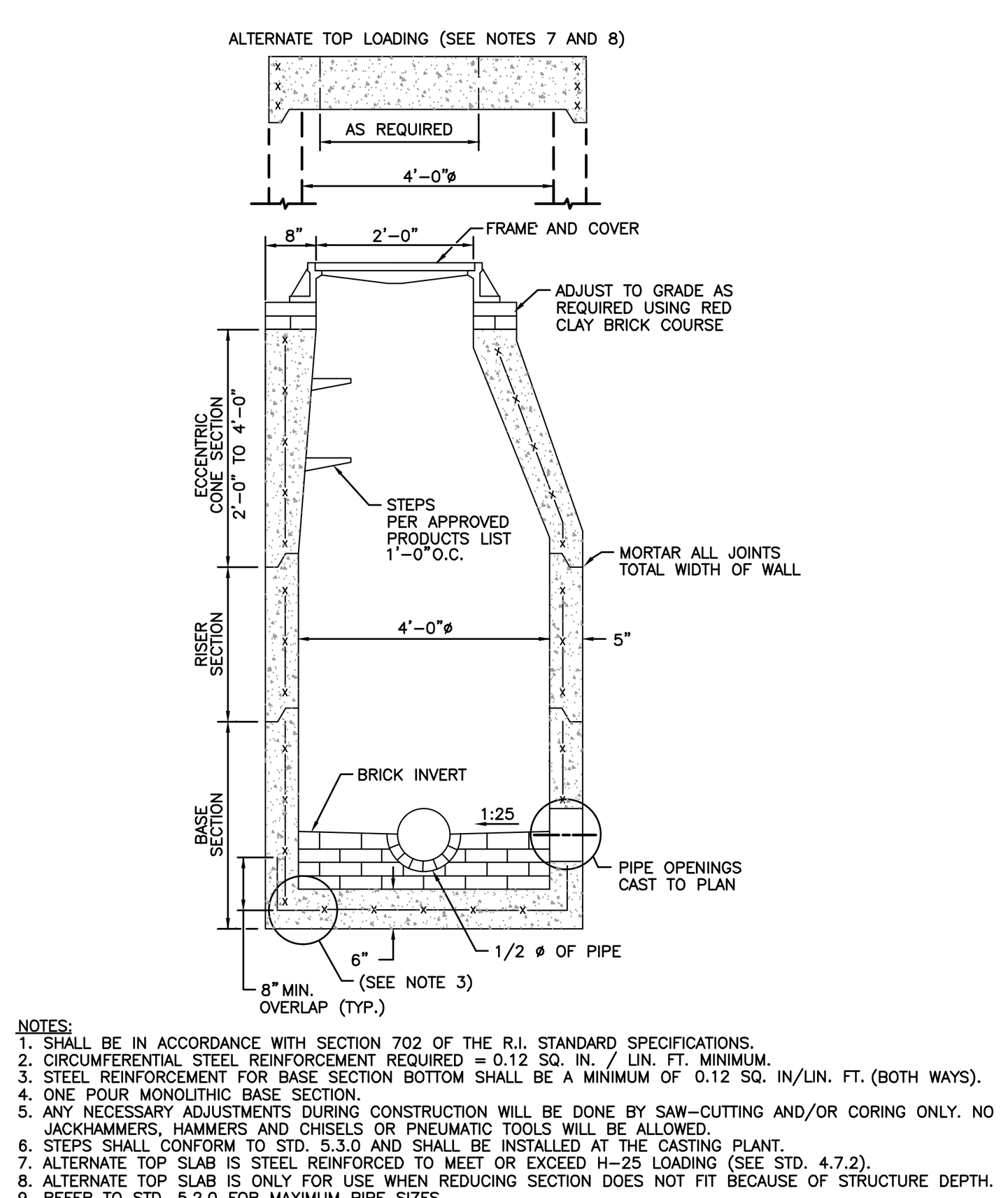
WQv BMP ISOLATOR ROW

NOT TO SCALE



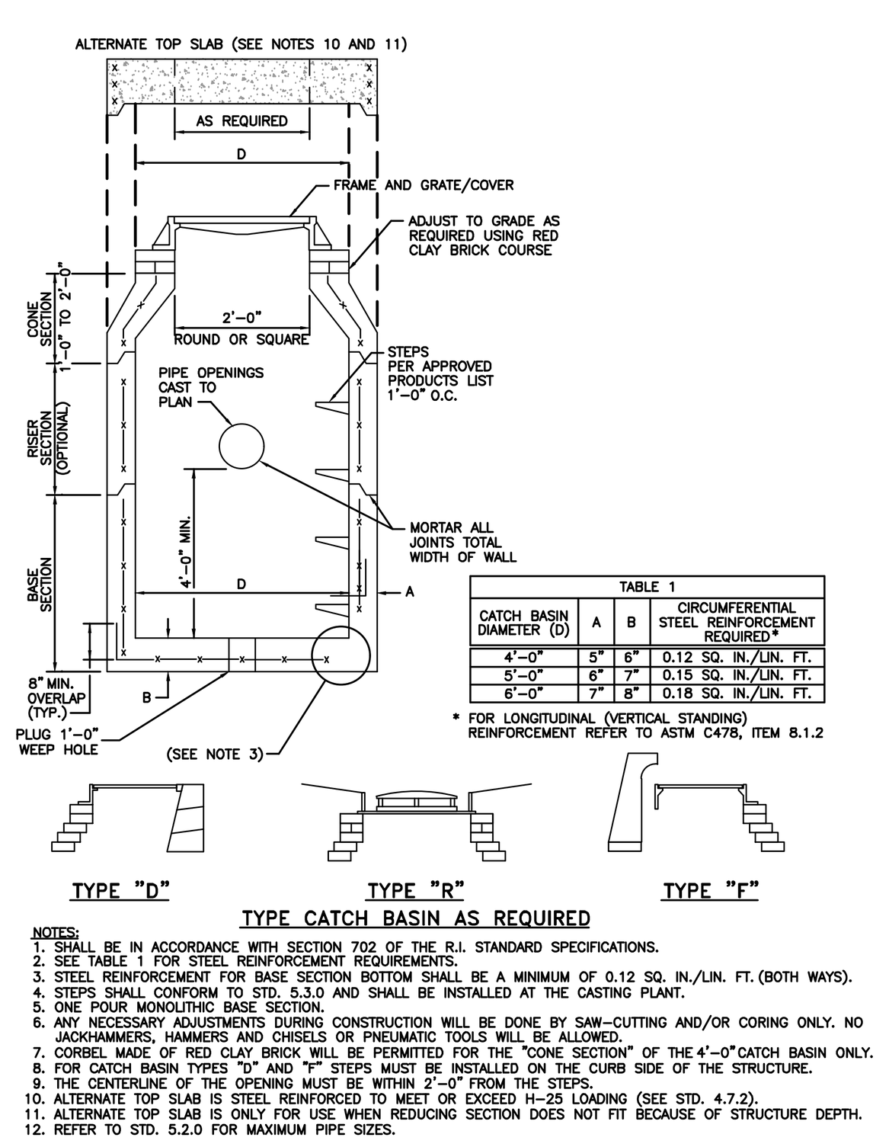
SQUARE FRAME AND GRATE (BICYCLE SAFE)

R.I. STANDARD 6.3.2



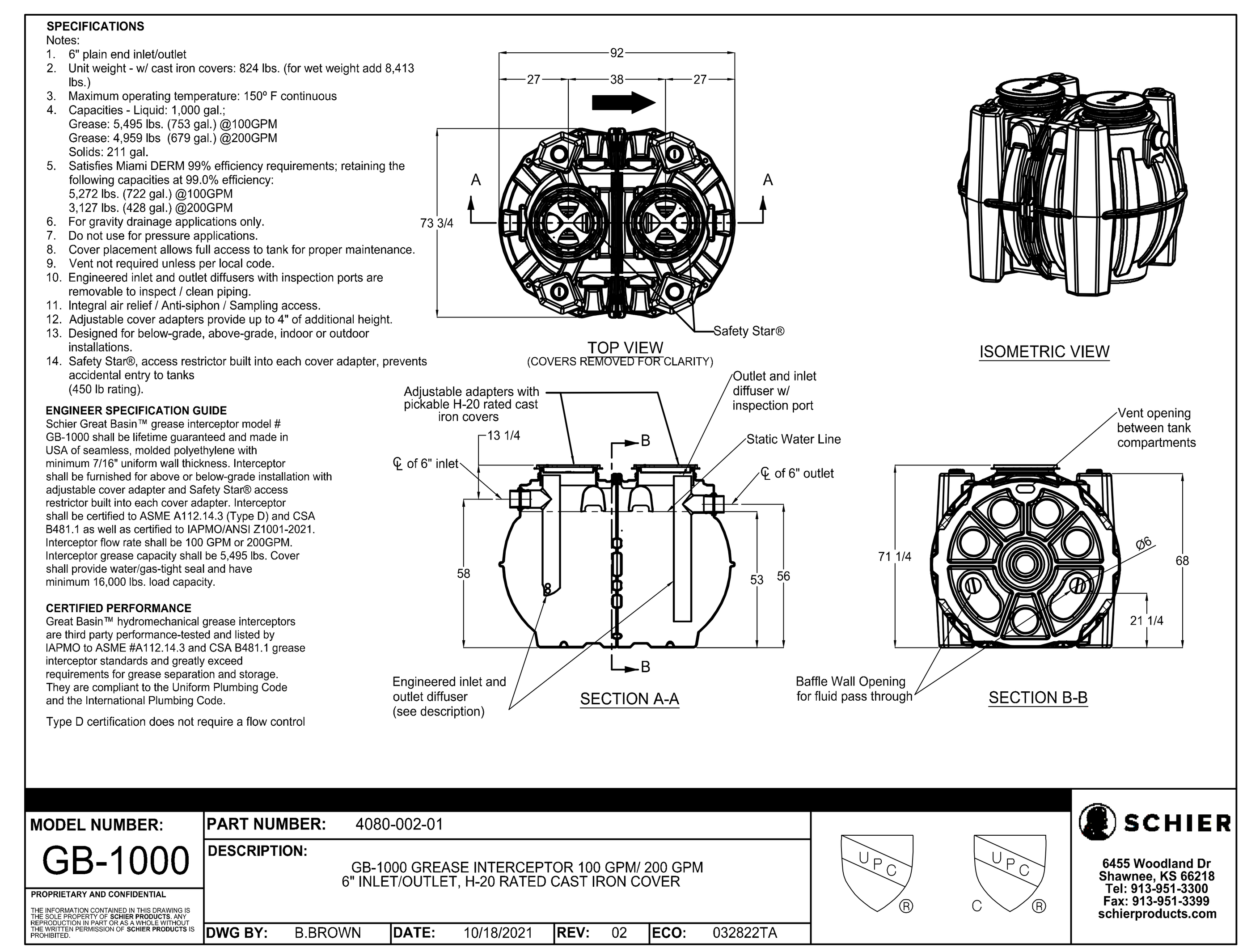
PRECAST 4'–0" ROUND MANHOLE

R.I. STANDARD 4.2.0



PRECAST 4'–0",5'–0" OR 6'–0" ROUND CATCH BASIN

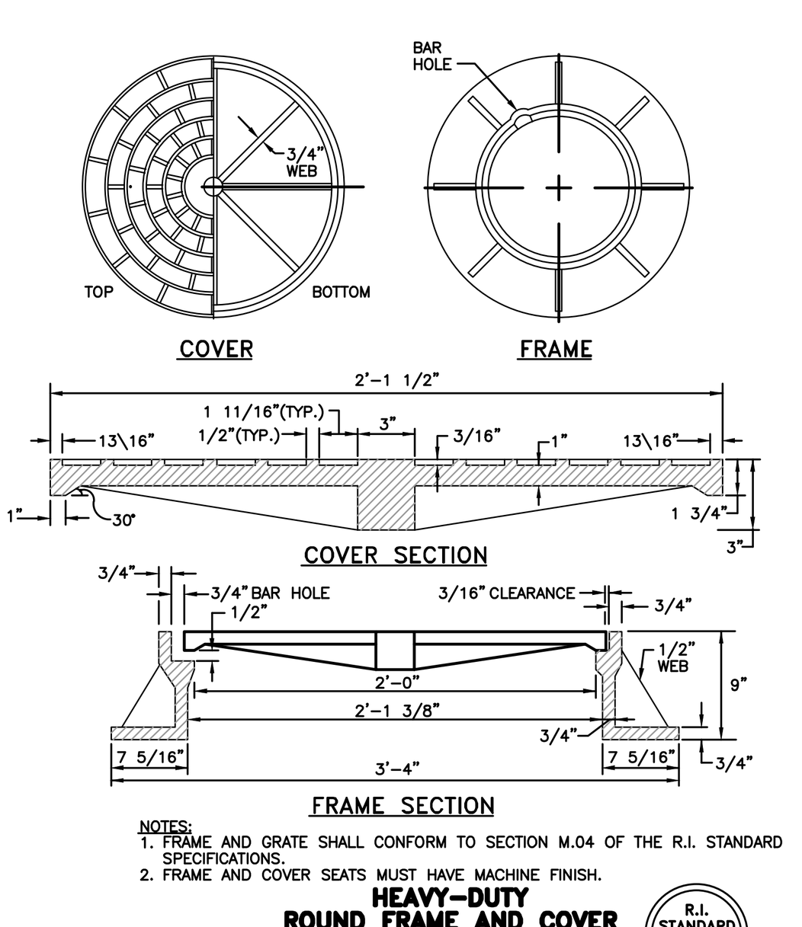
R.I. STANDARD 4.4.0



SPECIFICATIONS
Notes:
1. 6" plain end inlet/outlet
2. Unit weight - w/ cast iron covers: 824 lbs. (for wet weight add 8,413 lbs.)
3. Maximum operating temperature: 150º F continuous
4. Capacities - Liquid: 1,000 gal.; Grease: 5,495 lbs. (753 gal.) @100GPM Grease: 4,959 lbs (679 gal.) @200GPM Solids: 211 gal.
5. Satisfies Miami DERM 99% efficiency requirements; retaining the following capacities at 99.0% efficiency: 5,272 lbs. (722 gal.) @100GPM 3,127 lbs. (428 gal.) @200GPM
6. For gravity drainage applications only.
7. Do not use for pressure applications.
8. Cover placement allows full access to tank for proper maintenance.
9. Vent not required unless per local code.
10. Engineered inlet and outlet diffusers with inspection ports are removable to inspect / clean piping.
11. Integral air relief / Anti-siphon / Sampling access.
12. Adjustable cover adapters provide up to 4" of additional height.
13. Designed for below-grade, above-grade, indoor or outdoor installations.
14. Safety Star®, access restrictor built into each cover adapter, prevents accidental entry to tanks (450 lb rating).
ENGINEER SPECIFICATION GUIDE
Schier Great Basin™ grease interceptor model # GB-1000 shall be lifetime guaranteed and made in USA of seamless, molded polyethylene with minimum 7/16" uniform wall thickness. Interceptor shall be furnished for above or below-grade installation with adjustable cover adapter and Safety Star® access restrictor built into each cover adapter. Interceptor shall be certified to ASME A112.14.3 (Type D) and CSA B481.1 as well as certified to IAPMO/ANSI Z1001-2021. Interceptor flow rate shall be 100 GPM or 200GPM. Interceptor grease capacity shall be 5,495 lbs. Cover shall provide water/gas-tight seal and have minimum 16,000 lbs. load capacity.
CERTIFIED PERFORMANCE
Great Basin™ hydromechanical grease interceptors are third party performance-tested and listed by IAPMO to ASME #A112.14.3 and CSA B481.1 grease interceptor standards and greatly exceed requirements for grease separation and storage. They are compliant to the Uniform Plumbing Code and the International Plumbing Code.
Type D certification does not require a flow control
92
27
38
27
73 3/4
Safety Star®
TOP VIEW (COVERS REMOVED FOR CLARITY)
ISOMETRIC VIEW
Adjustable adapters with pickable H-20 rated cast iron covers
Outlet and inlet diffuser w/ inspection port
Static Water Line
℄ of 6" inlet
℄ of 6" outlet
58
53
56
71 1/4
68
21 1/4
Engineered inlet and outlet diffuser (see description)
SECTION A-A
Baffle Wall Opening for fluid pass through
SECTION B-B
Vent opening between tank compartments
MODEL NUMBER: GB-1000
PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SCHIER PRODUCTS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SCHIER PRODUCTS IS PROHIBITED.
PART NUMBER: 4080-002-01
DESCRIPTION: GB-1000 GREASE INTERCEPTOR 100 GPM/ 200 GPM 6" INLET/OUTLET, H-20 RATED CAST IRON COVER
DWG BY: B.BROWN
DATE: 10/18/2021
REV: 02
ECO: 032822TA
SCHIER
6455 Woodland Dr Shawnee, KS 66218 Tel: 913-951-3300 Fax: 913-951-3399 schierproducts.com

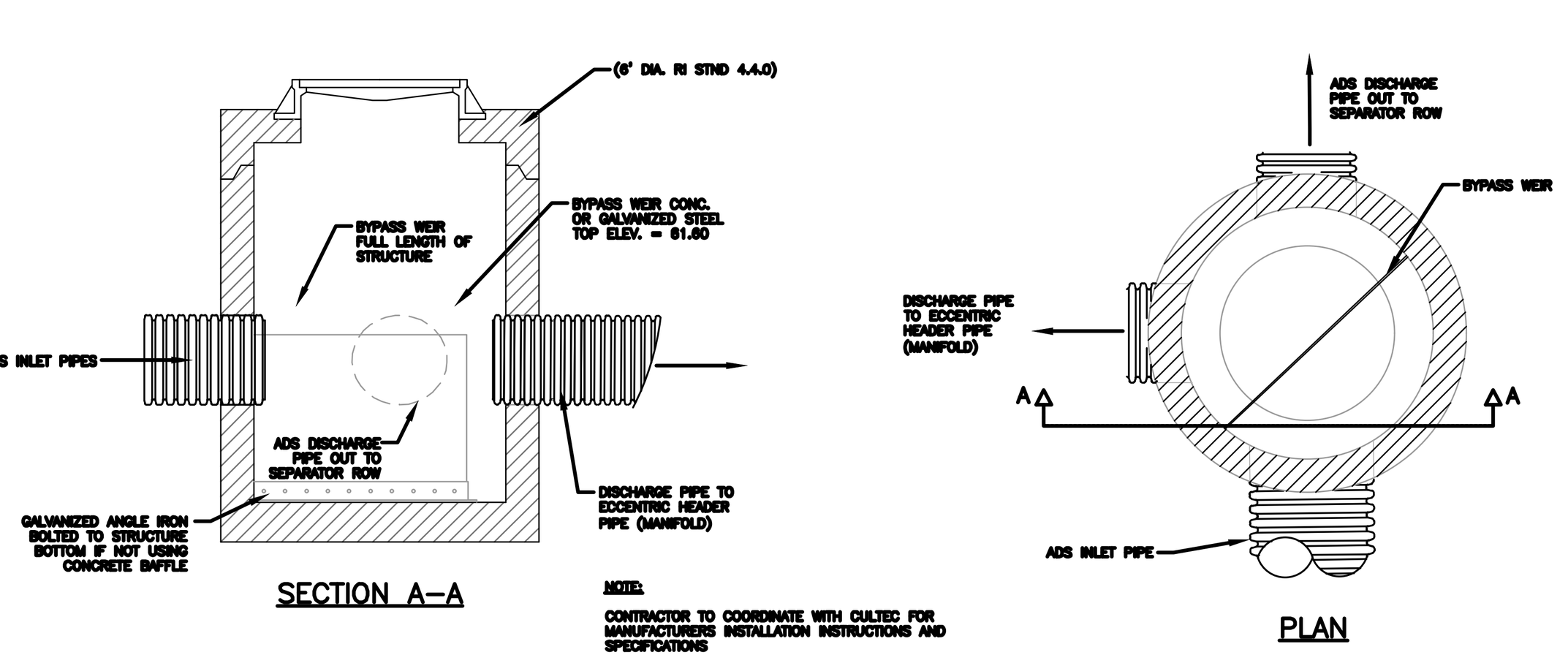
1,000 GAL. GREASE TRAP -SCHIER OR APPROVED EQUAL

NOT TO SCALE



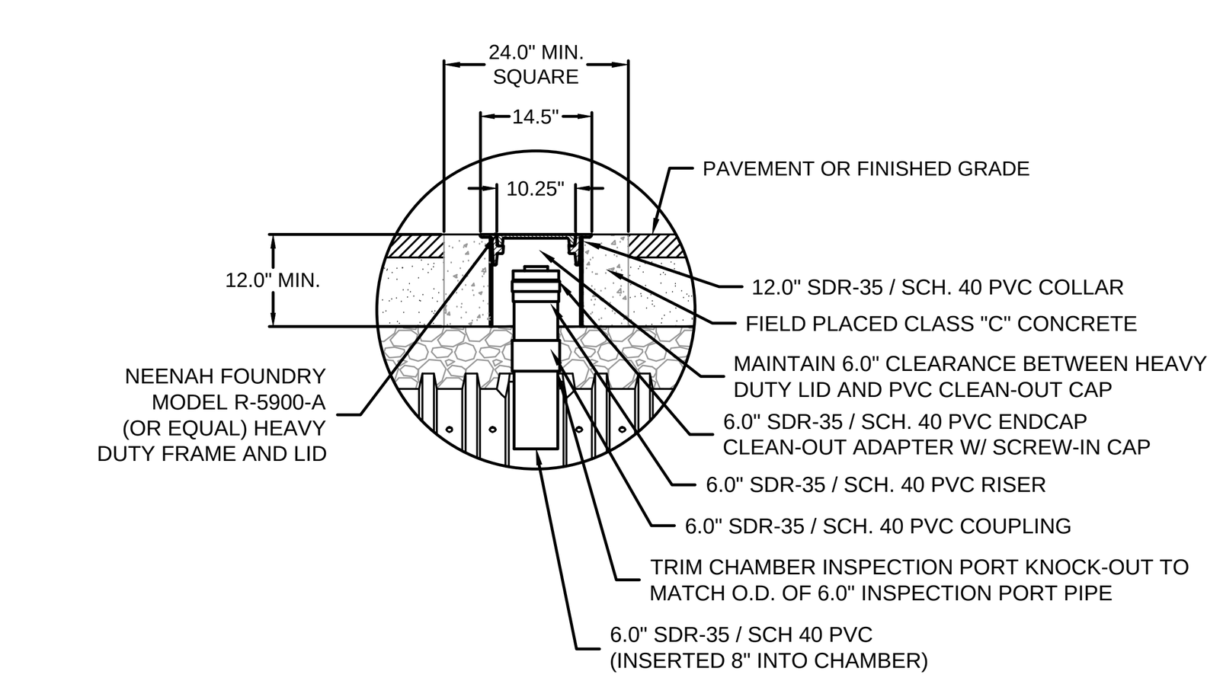
HEAVY–DUTY ROUND FRAME AND COVER

R.I. STANDARD 6.2.1



BYPASS WEIR DETAIL

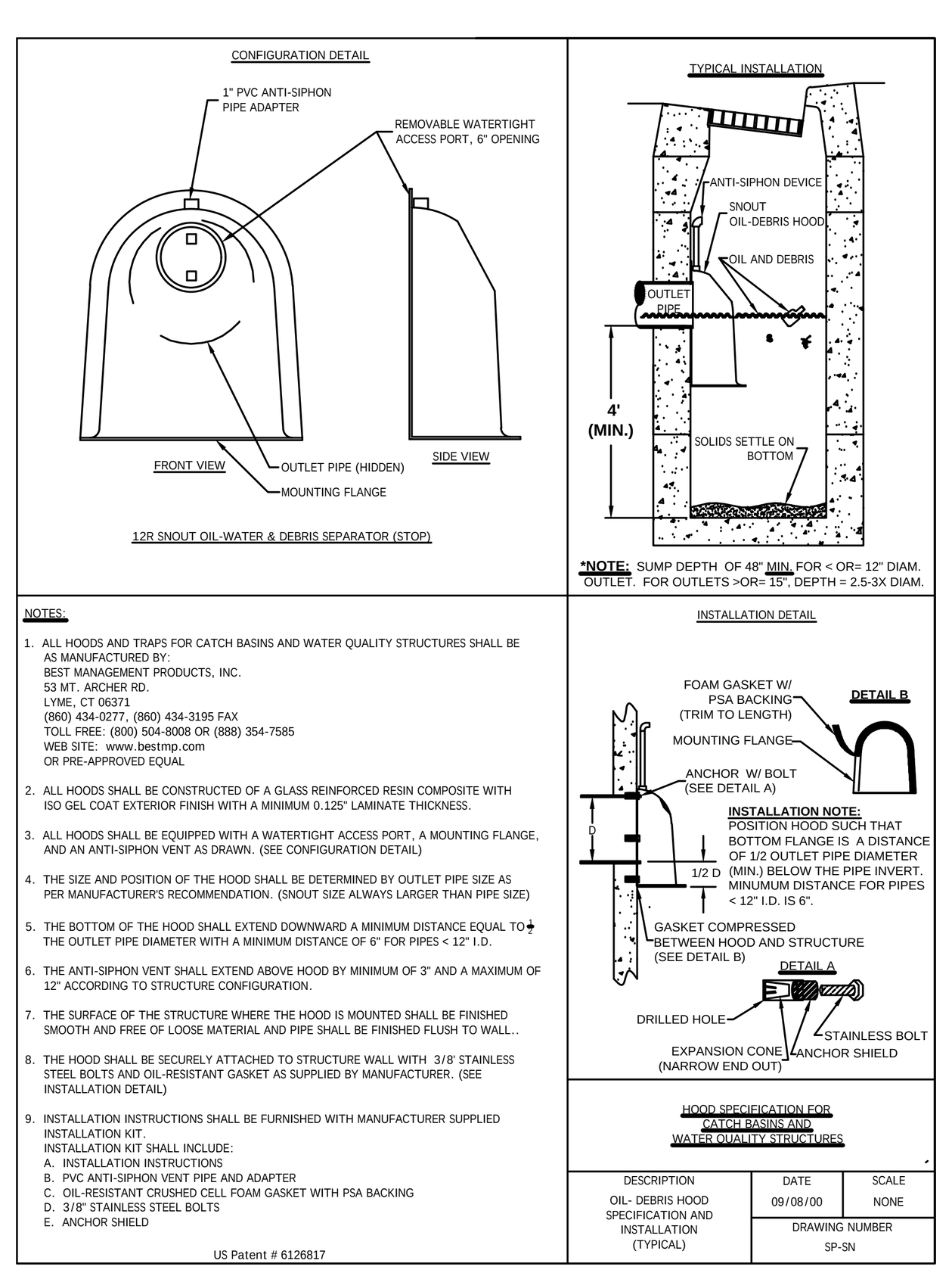
N.T.S.

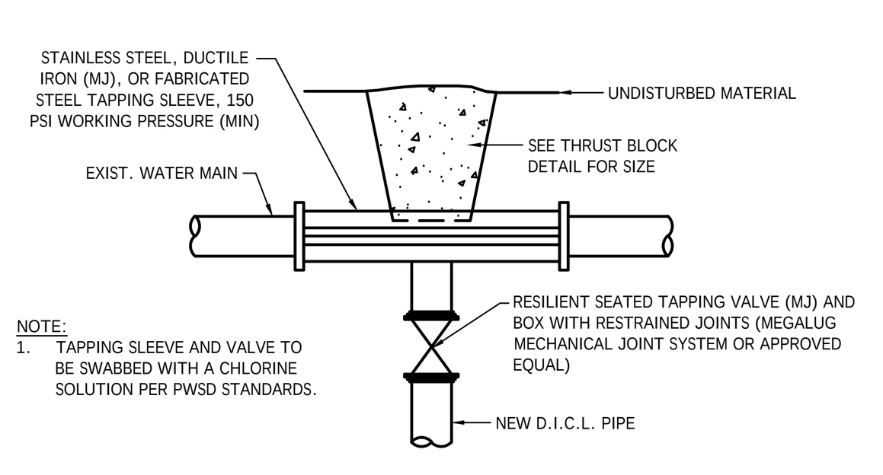


24.0" MIN. SQUARE
14.5"
10.25"
PAVEMENT OR FINISHED GRADE
12.0" MIN.
12.0" SDR-35 / SCH. 40 PVC COLLAR
FIELD PLACED CLASS "C" CONCRETE
NEENAH FOUNDRY MODEL R-5900-A (OR EQUAL) HEAVY DUTY FRAME AND LID
MAINTAIN 6.0" CLEARANCE BETWEEN HEAVY DUTY LID AND PVC CLEAN-OUT CAP
6.0" SDR-35 / SCH. 40 PVC ENDCAP CLEAN-OUT ADAPTER W/ SCREW-IN CAP
6.0" SDR-35 / SCH. 40 PVC RISER
6.0" SDR-35 / SCH. 40 PVC COUPLING
TRIM CHAMBER INSPECTION PORT KNOCK-OUT TO MATCH O.D. OF 6.0" INSPECTION PORT PIPE
6.0" SDR-35 / SCH 40 PVC (INSERTED 8" INTO CHAMBER)

INSPECTION PORT DETAIL

NOT TO SCALE

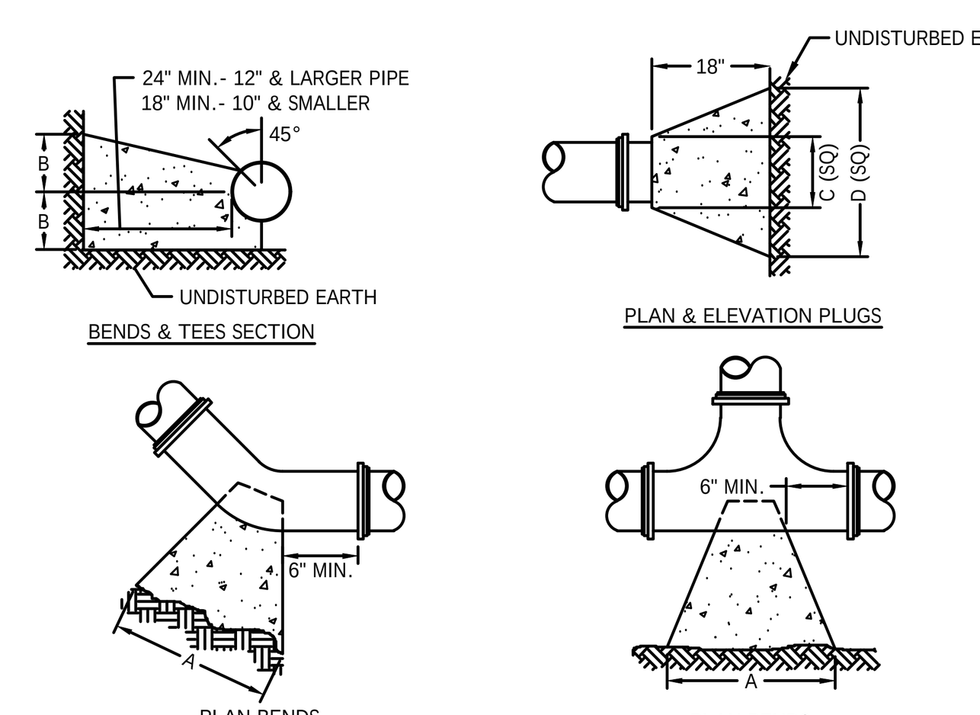




STAINLESS STEEL, DUCTILE IRON (MJ), OR FABRICATED STEEL TAPPING SLEEVE, 150 PSI WORKING PRESSURE (MIN)
UNDISTURBED MATERIAL
SEE THRUST BLOCK DETAIL FOR SIZE
EXIST. WATER MAIN
RESILIENT SEATED TAPPING VALVE (MJ) AND BOX WITH RESTRAINED JOINTS (MEGALUG MECHANICAL JOINT SYSTEM OR APPROVED EQUAL)
NEW D.I.C.L. PIPE
NOTE:
1. TAPPING SLEEVE AND VALVE TO BE SWABBED WITH A CHLORINE SOLUTION PER PWSD STANDARDS.

TAPPING SLEEVE AND VALVE

NOT TO SCALE

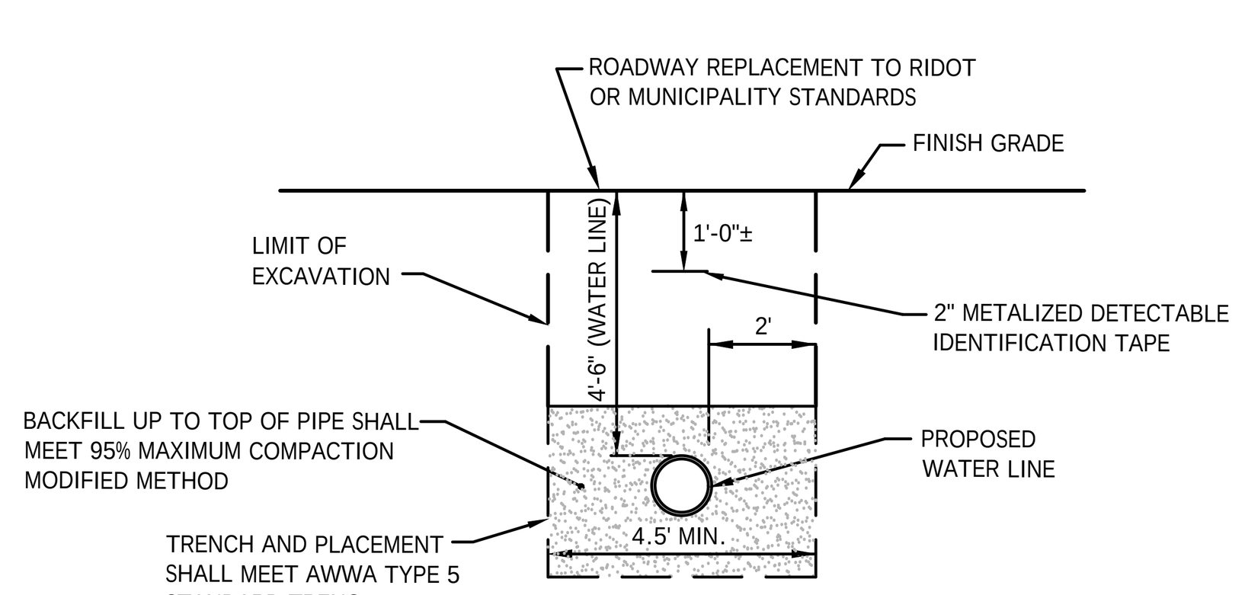


NOTE
1. ALL CONCRETE SHALL BE 3000 P.S.I. @ 28 DAYS.
2. CONCRETE THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED EARTH.
3. FORMS TO BE USED AS NECESSARY.
4. ALL BOLTS AND NUTS TO BE PROTECTED FROM CONCRETE AND EASILY ACCESSIBLE WHEN THRUST BLOCK INSTALLED.
5. DESIGN PARAMETERS: 150 PSI WATER PRESSURE (MIN), SOIL BEARING STRENGTH 2,500 PSF. TO BE USED IN CONJUNCTION WITH MECHANICAL JOINT RESTRAINT SYSTEM

SIZE	TEES		PLUGS		90° BEND		45° BEND		22 1/2" BEND		11 1/4" BEND	
	A	B	C	D	A	B	A	B	A	B	A	B
4" & 3"	22"	12"	22"	12"	24"	16"	20"	10"	14"	7"	11"	5"
6"	30"	18"	30"	18"	35"	22"	27"	15"	19"	12"	13"	8"
8"	38"	24"	38"	24"	46"	29"	33"	22"	25"	14"	19"	10"

THRUST BLOCK

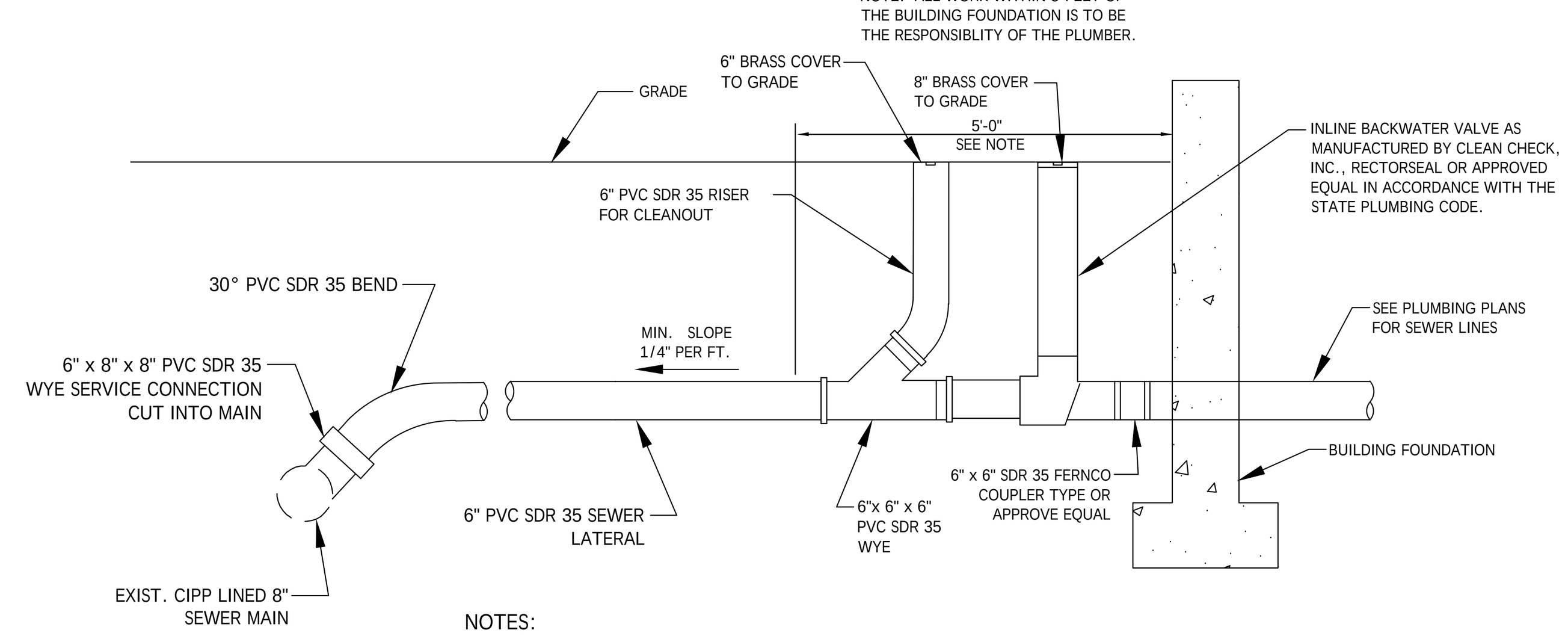
N.T.S.



ROADWAY REPLACEMENT TO RIDOT OR MUNICIPALITY STANDARDS
FINISH GRADE
LIMIT OF EXCAVATION
1'-0"±
2" METALIZED DETECTABLE IDENTIFICATION TAPE
BACKFILL UP TO TOP OF PIPE SHALL MEET 95% MAXIMUM COMPACTION MODIFIED METHOD
PROPOSED WATER LINE
TRENCH AND PLACEMENT SHALL MEET AWWA TYPE 5 STANDARD TRENCH
4.5' MIN.

TYPICAL WATER LINE TRENCH

N.T.S.



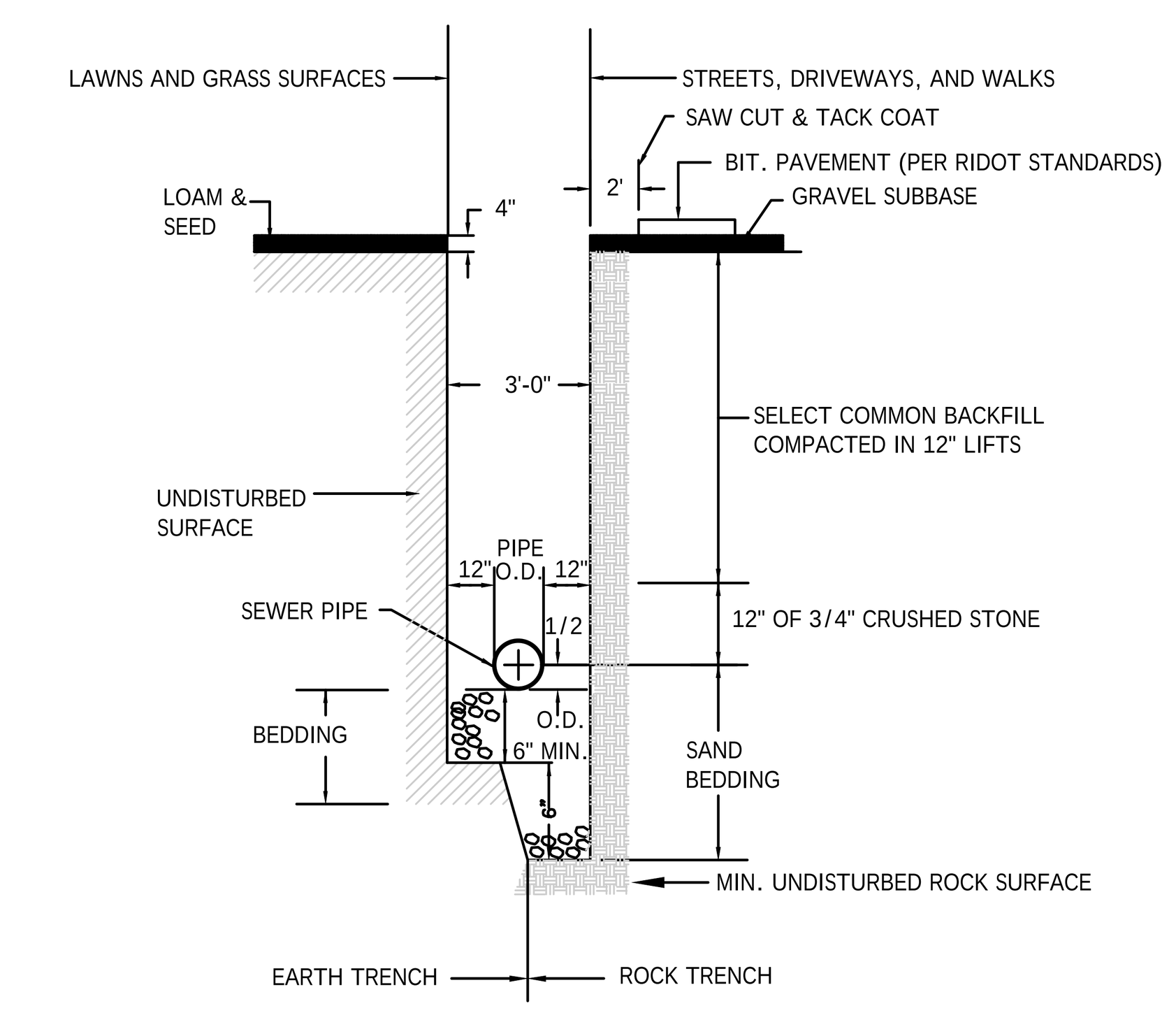
NOTE: ALL WORK WITHIN 5-FEET OF THE BUILDING FOUNDATION IS TO BE THE RESPONSIBILITY OF THE PLUMBER.
GRADE
6" BRASS COVER TO GRADE
8" BRASS COVER TO GRADE
5'-0" SEE NOTE
6" PVC SDR 35 RISER FOR CLEANOUT
INLINE BACKWATER VALVE AS MANUFACTURED BY CLEAN CHECK, INC., RECTORSEAL OR APPROVED EQUAL IN ACCORDANCE WITH THE STATE PLUMBING CODE.
30" PVC SDR 35 BEND
MIN. SLOPE 1/4" PER FT.
SEE PLUMBING PLANS FOR SEWER LINES
6" x 8" x 8" PVC SDR 35 WYE SERVICE CONNECTION CUT INTO MAIN
BUILDING FOUNDATION
6" PVC SDR 35 SEWER LATERAL
6"x 6" x 6" PVC SDR 35 WYE
6" x 6" SDR 35 FERNCO COUPLER TYPE OR APPROVE EQUAL
EXIST. CIPP LINED 8" SEWER MAIN

NOTES:

1. SEWER LATERAL SHALL HAVE A MINIMUM 24" SEPARATION VERTICALLY AND 10' SEPARATION HORIZONTALLY FROM ALL WATER SUPPLY LINES

SEWER SERVICE LATERAL DETAIL

NOT TO SCALE



LAWNS AND GRASS SURFACES
STREETS, DRIVEWAYS, AND WALKS
SAW CUT & TACK COAT
BIT. PAVEMENT (PER RIDOT STANDARDS)
GRAVEL SUBBASE
LOAM & SEED
4"
2'
3'-0"
SELECT COMMON BACKFILL COMPACTED IN 12" LIFTS
UNDISTURBED SURFACE
PIPE 12" O.D. 12"
SEWER PIPE
12" OF 3/4" CRUSHED STONE
BEDDING
SAND BEDDING
6" MIN.
MIN. UNDISTURBED ROCK SURFACE
EARTH TRENCH
ROCK TRENCH

TYPICAL SEWER LINE TRENCH DETAIL

NO SCALE

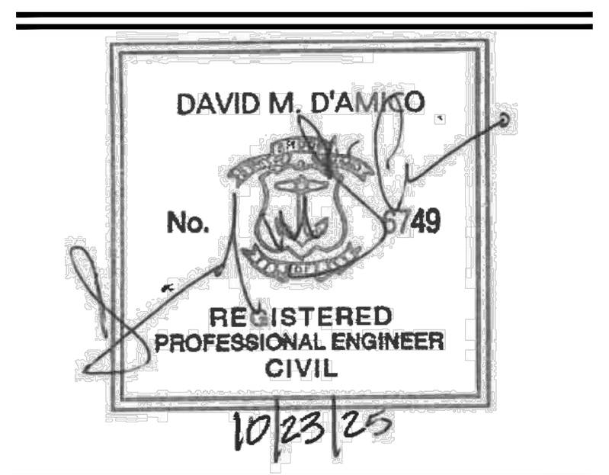
DEtec.
D'AMICO ENGINEERING TECHNOLOGY, INC.
Civil · Transportation · Land Use
2080 Mineral Spring Ave., North Providence, RI 02911
(401) 622-1470 (401) 353-1190 fax www.deengineeringtec.com

TORRADO ARCHITECTS

35 GREENWICH ST.
PROVIDENCE, RI 02907
401.781.0633 P
401.781.0661 F

CALLED NORTH

KEY PLAN



OWNER:

CITY OF PROVIDENCE

Providence City Hall
25 Dorrance Street
Providence, RI 02903

PROJECT:

NEW SCHOOL:

LIMA STUART ELEMENTARY SCHOOL

188 PRINCETON AVE.
Providence, RI 02903

CONTENT:

SITE DETAILS PLAN NO. 2

STATUS:

SCHEMATIC DESIGN FOR PERMIT

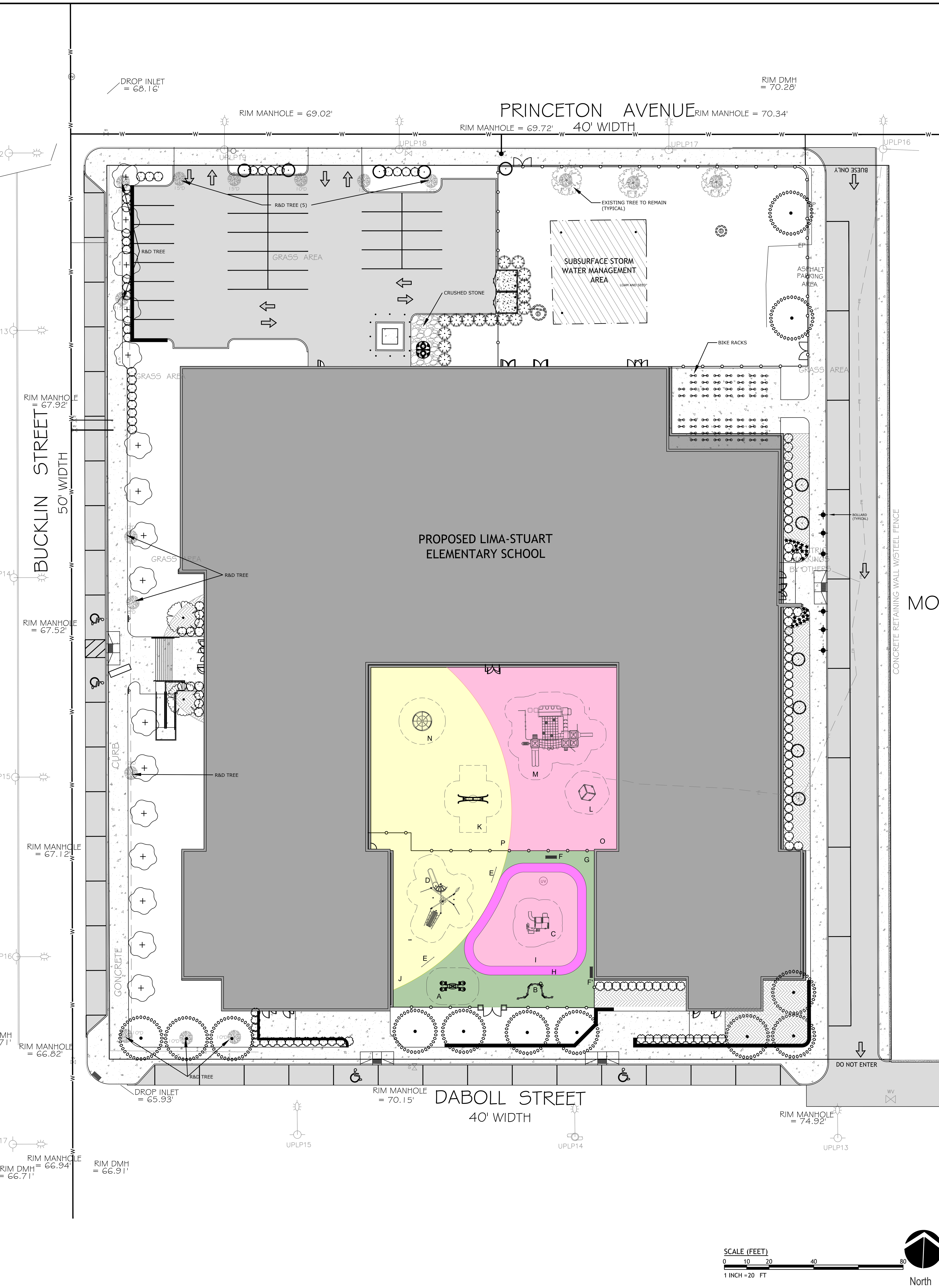
DATE:	REV. #	DESCRIPTION

REVISIONS:

DATE:	AUG. 29, 2025
JOB No:	
DRWN BY:	D.M.D.
CHECKED BY:	D.M.D.
SCALE:	AS NOTED

C7.0

SHEET OF



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PROVIDENCE LANDSCAPE PLANNING DATA

ARTICLE 15 ZONING ORDINANCE, Trees and Landscaping

ZONING CRITERIA	REQUIRED	PROPOSED	ARTICLE 15
SIZE OF SHADE TREES AT PLANTING	2" CALIPER	2" CALIPER	1502.C.1
SIZE OF EVERGREEN TREES AT PLANTING	6 FEET HIGH	N/A	1502.C.2
SIZE OF ORNAMENTAL TREES AT PLANTING	2 INCH CALIPER	2 INCH CALIPER	1502.C.4
SIZE OF LARGE SHRUBS AT PLANTING	3 FEET HIGH	3 FEET HIGH	1502.C.4
SIZE OF SMALL SHRUBS AT PLANTING	18 INCHES HIGH	18 INCHES HIGH	1502.C.4
REQUIRED TREE CANOPY	30% OF TOTAL LOT FOR PS ZONE CALCULATIONS: Total Lot square footage = 139,999 SF X 30% = 42,000 square feet minimum shading required.	44,000 SQUARE FEET PROVIDED CALCULATIONS: 41 large trees (1,000sf)=41,000 square feet (41 proposed and 3 existing)	1503.C.1
PARKING LOT PERIMETER LANDSCAPE STRIP	PERIMETER LANDSCAPE STRIP SHALL BE MINIMUM 5 FEET WIDE AND HAVE 1 SHADE TREE EVERY 25 FEET SPACED LINEARLY. THE LANDSCAPE STRIP SHALL BE PLANTED OVER A MINIMUM OF 60% OF ITS LENGTH WITH LARGE SHRUBS. CALCULATIONS: Parking Lot=161 linear feet excluding curb cuts or 4 shade trees req'd AND 97 linear feet of shrubs	PERIMETER LANDSCAPE 4 TO 4.5 FEET WIDE AT PARKING LOT PERIMETER AND 20 FEET LINEARLY SPACED* 9 SHADE TREES AND 108 LINEAR FEET OF SHRUBS	1504.A–C
INTERIOR PARKING LOT LANDSCAPING	PARKING LOTS OVER 20,000 GROSS SQUARE FEET: 1 ISLAND EVERY 10 SPACES 10% LANDSCAPING 1 SHADE TREE/ISLAND	N/A PARKING LOT UNDER 20,000 SQUARE FEET (13,000 SQUARE FEET)	1505.A–E
SCREENING OF PARKING LOTS FROM RESIDENTIAL DISTRICTS	4 FOOT SCREEN REQUIRED BETWEEN RESIDENTIAL LOT AND PARKING	N/A NO ABUTTERS PRINCETON AVENUE SEPARATES RESIDENTIAL FROM SCHOOL	1506

*ADDITIONAL LANDSCAPING IS ADDED TO THE PLAN TO MITIGATE THE +/– 1' SHORTAGE REGARDING THIS REQUIREMENT.

Diane C. Soule & Associates, ASLA
Landscape Architecture
422 Farnum Pike
Smithfield, Rhode Island 02917
www.dianesouleandassociates.com
401.231.0736
email: diane@dcsa.ws

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	SPACING	QTY	DETAIL	REMARKS
TREES								
	LQS	Liquidambar styraciflua 'Slender Silhouette' / Slender Silhouette Sweet Gum	2" Cal.	B&B		11		
DECIDUOUS TREES								
	AA	Acer rubrum `Armstrong` / Armstrong Red Maple	2" Cal.	B&B		16		
	GB	Ginkgo biloba `Princeton Sentry`	2" Cal.	B&B		12		Male trees only
EVERGREEN TREES								
	TOT3	Thuja occidentalis `Techny` / Techny Arborvitae	B&B; 3`-4` HT.	CONT.		16		
FLOWERING TREES								
	MLM	Magnolia loebneri `Merrill` / Dr. Merrill Magnolia	6` - 7" HT.	B&B		2		
SHRUBS								
	HMS	Hydrangea macrophylla `Endless Summer` TM / Bailmer Hydrangea	5 gal	CONT.		39		
	IH2	Ilex crenata `Hoogendoorn` / Hoogendoorn Japanese Holly	3 gal	CONT.		30		
	IN2	Ilex glabra `Nordic` / Nordic Inkberry	3 gal	CONT.		17		
	TE2	Taxus x media `Everlow` / Everlow Yew	3 gal.	CONT.		38		
PERENNIALS								
	HO4	Hemerocallis x `Stella de Oro` / Stella de Oro Daylily	1 gal	CONT.		27		
GROUND COVERS								
	VC2	Vinca minor / Common Periwinkle	1 gal@	CONT.	18" o.c.	1,295		

LOAM AND SEED ALL DISTURBED AREAS UNLESS OTHERWISE NOTED

BASE BID

PLAY STRUCTURES AND COMPONENTS (by Landscape Structures, Inc.)
A WEE SAW
B. SENSORY PLAY CENTER
2 END PANELS
4 PLAY PANELS
C. SMART PLAY CUBE
D OUR HOUSE
E PLAY PANELS (4) AND PANEL POSTS (6)
F KALEIDOSCOPE BENCH (2)

SURFACING 3.5" THICK(by Surface America, Inc.)
G PLAYGRASS - 2,000 SF
H P.I.P. #1 - 700 SF
I P.I.P. #2 - 1,600 SF
J P.I.P. #3 - 2,300 SF

ADD ALTERNATE

K OODLE SWING
L 3 SPOKE TOWER
M VENTI
N WE GO ROUND

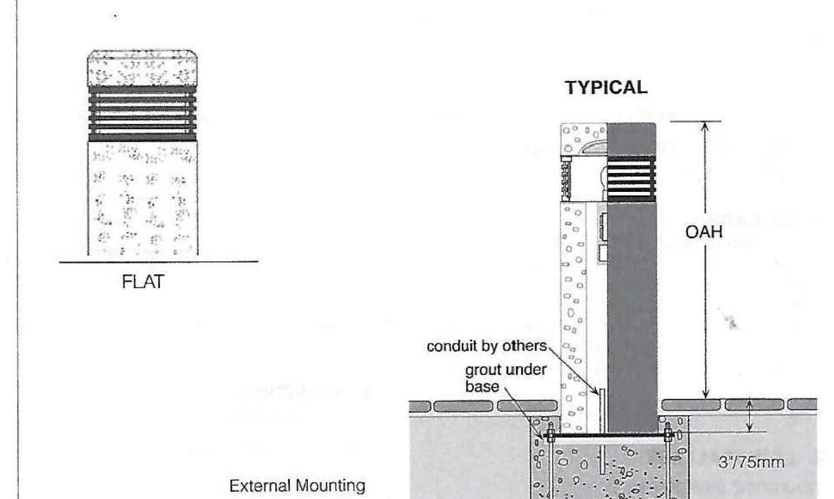
SURFACING - 3.5" THICK (by Surface America, Inc.)
O P.I.P. #1 - 4,500 SF
P P.I.P. #2 - 4,500 SF

CB9R – Contemporary Concrete Bollard – 9" Round | TYPE

FINISH
Concrete surface finish is natural concrete with a medium sandblast etch or exposed aggregate. Medium sandblast finish includes a clear anti-vandal sealer.
Grill finish consists of a five stage pretreatment regimen with a polymer primer sealer, oven dry off and top coated with a thermoset super TGIC polyester powder coat finish. The finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

CERTIFICATION
All bollards shall be listed with ETL for outdoor, wet location use, UL1598 and Canadian CSA Std. C22.2 no.250

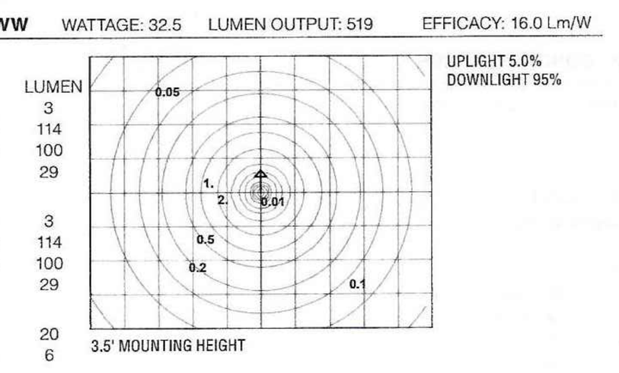
DIMENSIONS



CB9R CO 27LED WW WATTAGE: 32.5 LUMEN OUTPUT: 519 EFFICACY: 16.0 Lm/W

B0 U2 G1

			LUMEN
FORWARD LIGHT			
FL	30°	0.5%	3
FM	60°	22.1%	114
FH	80°	19.3%	100
FVH	90°	5.6%	29
BACK LIGHT			
BL	30°	0.5%	3
BM	60°	22.1%	114
BH	80°	19.3%	100
BVH	90°	5.6%	29
UPLIGHT			
UL	100°	3.9%	20
UH	180°	1.1%	6



3.5' MOUNTING HEIGHT

IES files can be found at www.aal.net

BOLLARD by ARCHITECTURAL AREA LIGHTING

TORRADO ARCHITECTS

35 GREENWICH ST.
PROVIDENCE, RI 02907
401.781.0633 P
401.781.0661 F

CALLED NORTH

KEY PLAN

OWNER:
CITY OF PROVIDENCE
Providence City Hall
25 Dorrance Street
Providence, RI 02903

PROJECT:
NEW SCHOOL:
LIMA STUART ELEMENTARY SCHOOL
188 PRINCETON AVE.
Providence, RI 02903

CONTENT:
LANDSCAPE PLAN

STATUS:
SCHEMATIC DESIGN

DATE:	REV. #	DESCRIPTION
AUG.23 2025	1	PLANTING, BIKE RACKS

REVISIONS:

DATE:	AUG. 29, 2025
JOB No:	
DRWN BY:	D.C.S.
CHECKED BY:	D.C.S.
SCALE:	AS NOTED

L1.0

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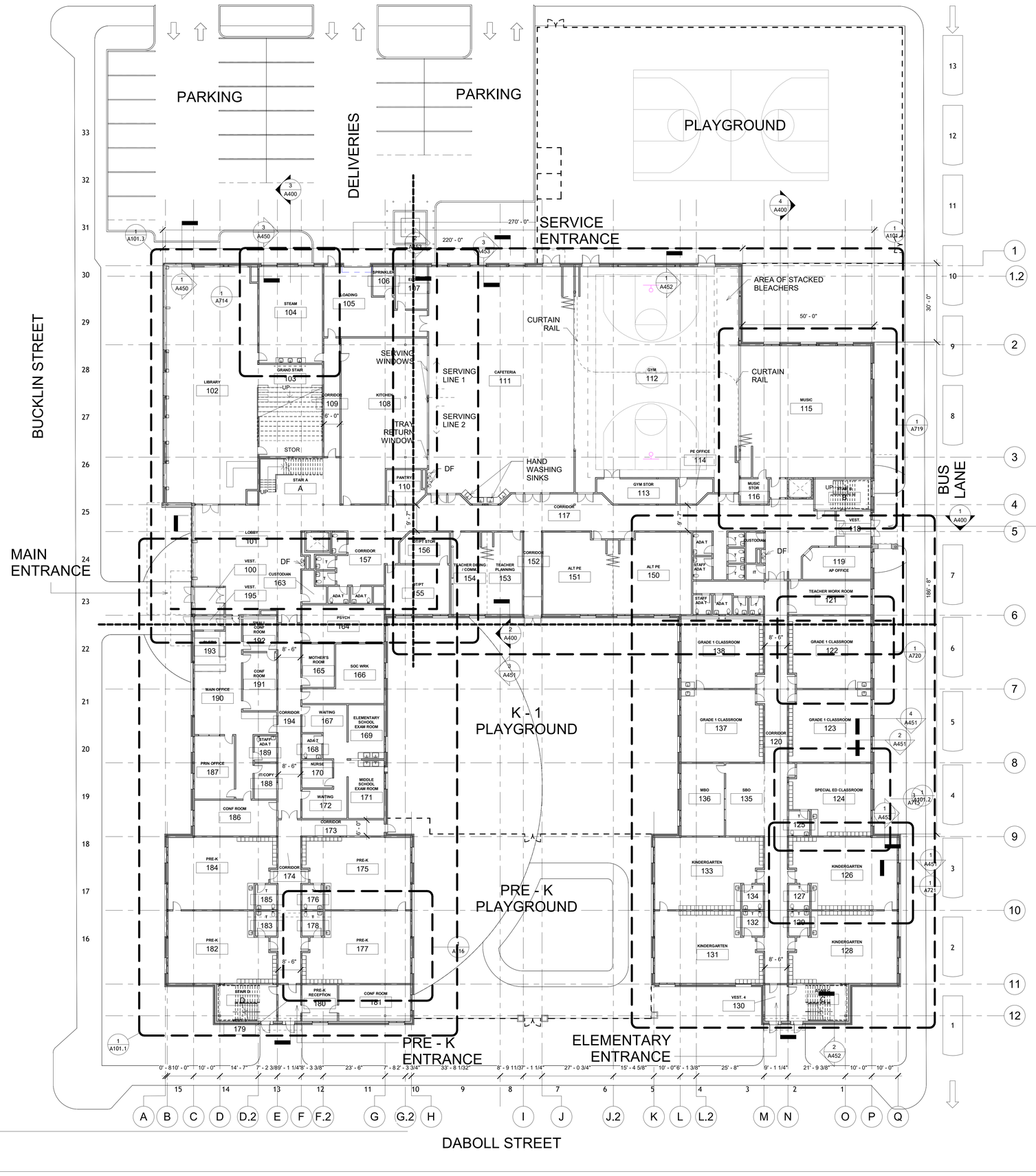

1 First Floor Plan
1/16" = 1'-0"

FIRST FLOOR PLAN SF: 59,115 SF

TOTAL SF: 137,352 SF
TOTAL W/ PENTHOUSE: 148,325 SF

N

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401.781.0661F

AHLBORG CONSTRUCTION CORPORATION
335 CENTERVILLE RD
WARWICK, RI 02886
401.681.4949

RENOVATIONS FOR:

Lima Stuart Elementary School

PRELIMINARY PLAN REVIEW

188 PRINCETON AVE, PROVIDENCE, RI 02907

1ST FLOOR PLAN

DATE	REV. #	DESCRIPTION

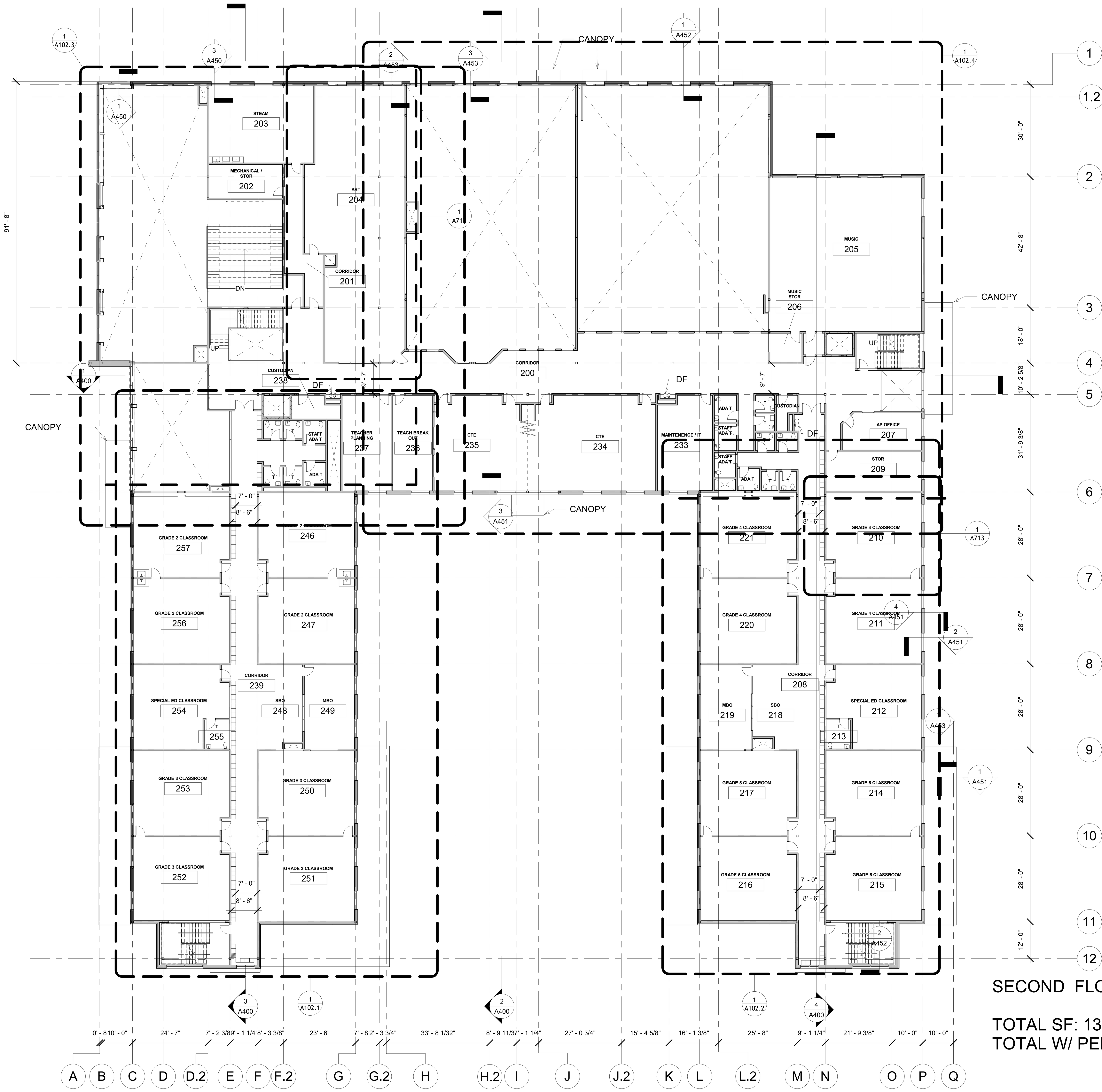
REVISIONS:

DATE: 10/ 20 / 2025
DRWN: Author
SCALE: AS NOTED
CHECKED BY: Checker

A101

SHEET OF

ALTERNATE OPTION :
EACH CLASSROOM
GRADE 3 AND HIGHER
WILL HAVE A SINK



SECOND FLOOR PLAN SF: 39,613 SF

TOTAL SF: 137,352 SF
TOTAL W/ PENTHOUSE: 148,325 SF

N

1 Second Floor Plan
1/16" = 1'-0"

TORRADO ARCHITECTS
35 GREENWICH ST
PROVIDENCE, RI 02907
401. 781.0633P
401.781.0661F

AHLBORG CONSTRUCTION CORPORATION
335 CENTERVILLE RD
WARWICK, RI 02886
401.681.4949

RENOVATIONS FOR:

Lima Stuart Elementary School

PRELIMINARY PLAN REVIEW

188 PRINCETON AVE, PROVIDENCE, RI 02907

2ND FLOOR PLAN

DATE	REV. #	DESCRIPTION

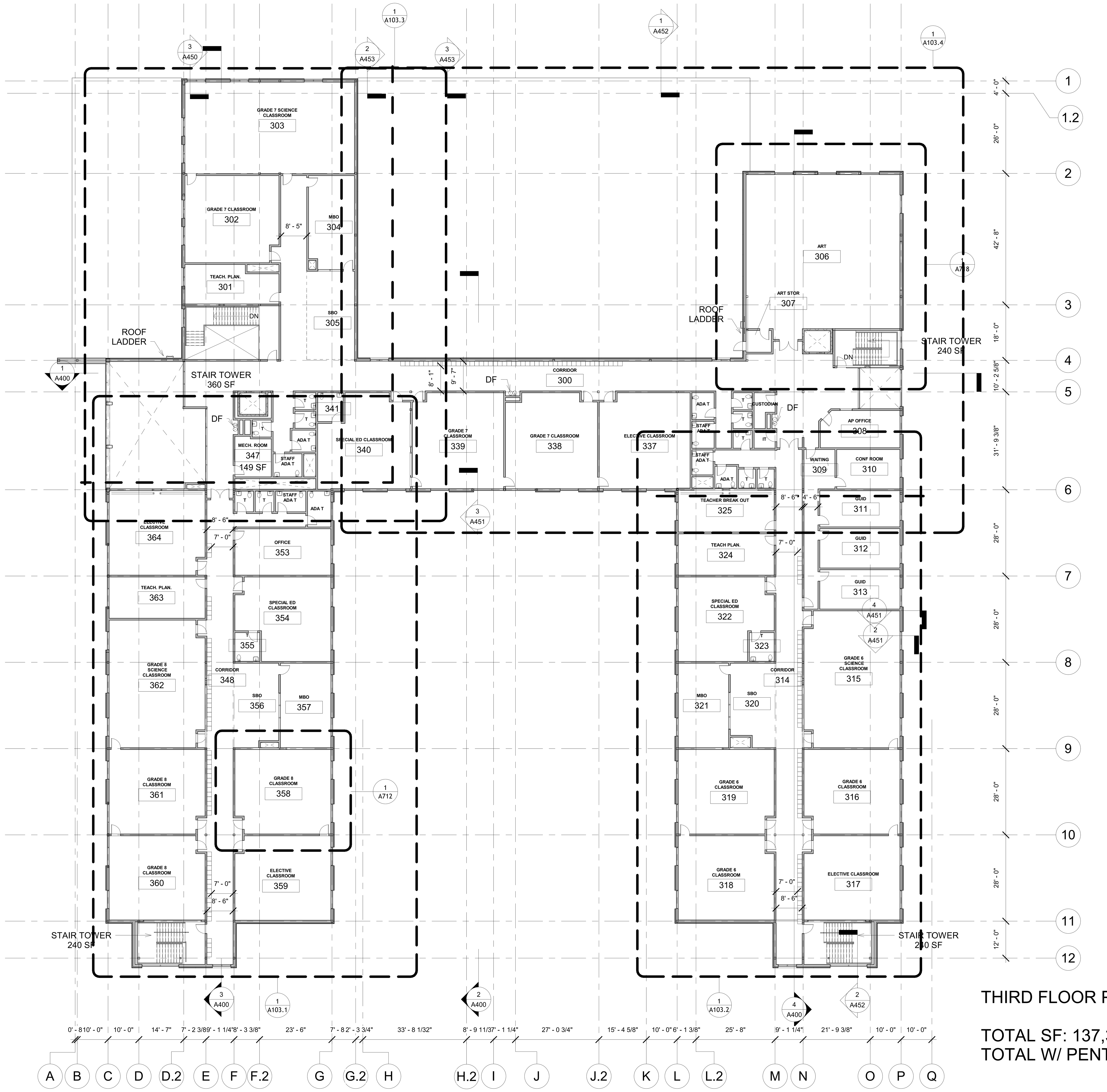
REVISIONS:

DATE:	10/ 20 / 2025
DRWN:	Author
SCALE:	AS NOTED
CHECKED BY:	Checker

A102

SHEET OF

ALTERNATE OPTION :
EACH CLASSROOM
GRADE 3 AND HIGHER
WILL HAVE A SINK



1 Third Floor Plan
1/16" = 1'-0"

THIRD FLOOR PLAN SF: 38,624 SF

TOTAL SF: 137,352 SF
TOTAL W/ PENTHOUSE: 148,325 SF

N

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CONSTRUCTION CORPORATION

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401.681.4949

RENOVATIONS FOR:

Lima Stuart Elementary School

PRELIMINARY PLAN REVIEW

188 PRINCETON AVE, PROVIDENCE, RI 02907

3RD FLOOR PLAN

DATE	REV. #	DESCRIPTION

REVISIONS:

DATE:	10/ 20 / 2025
DRWN:	Author
SCALE:	AS NOTED
CHECKED BY:	Checker

A103

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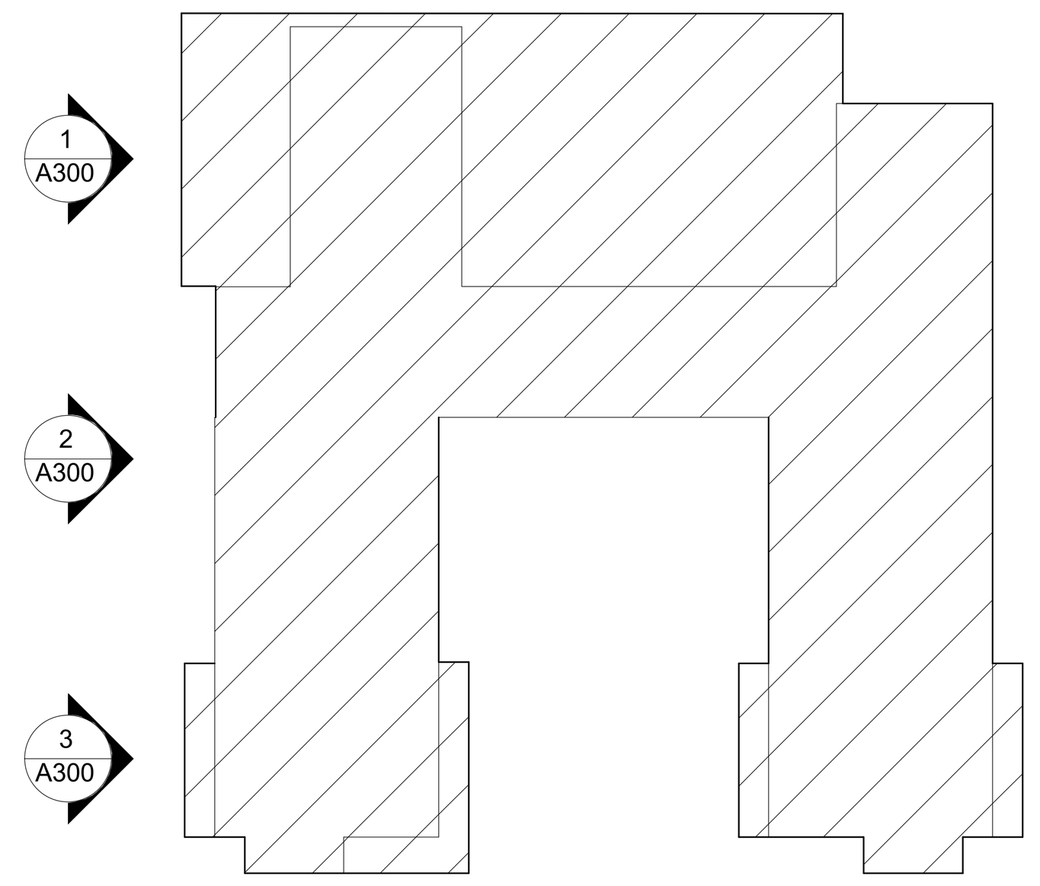
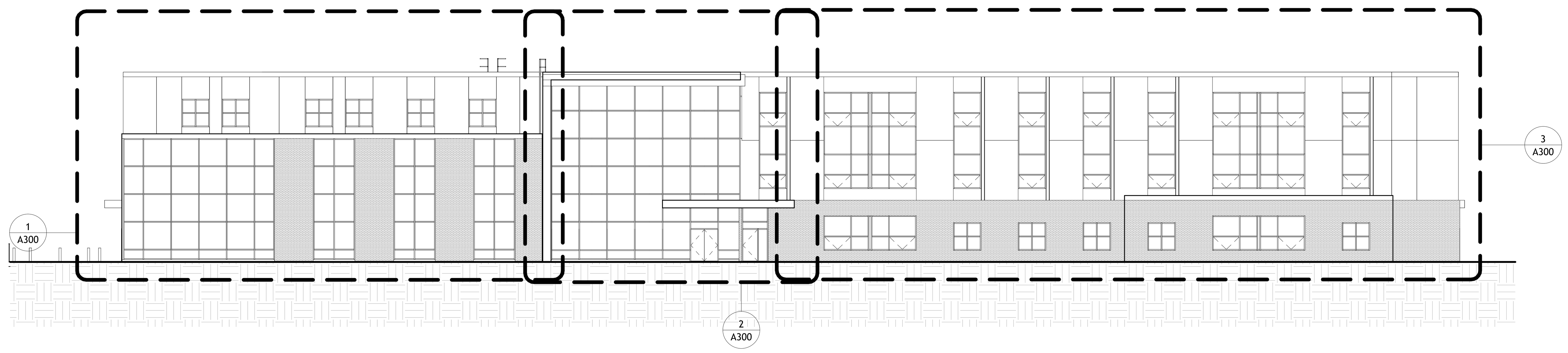
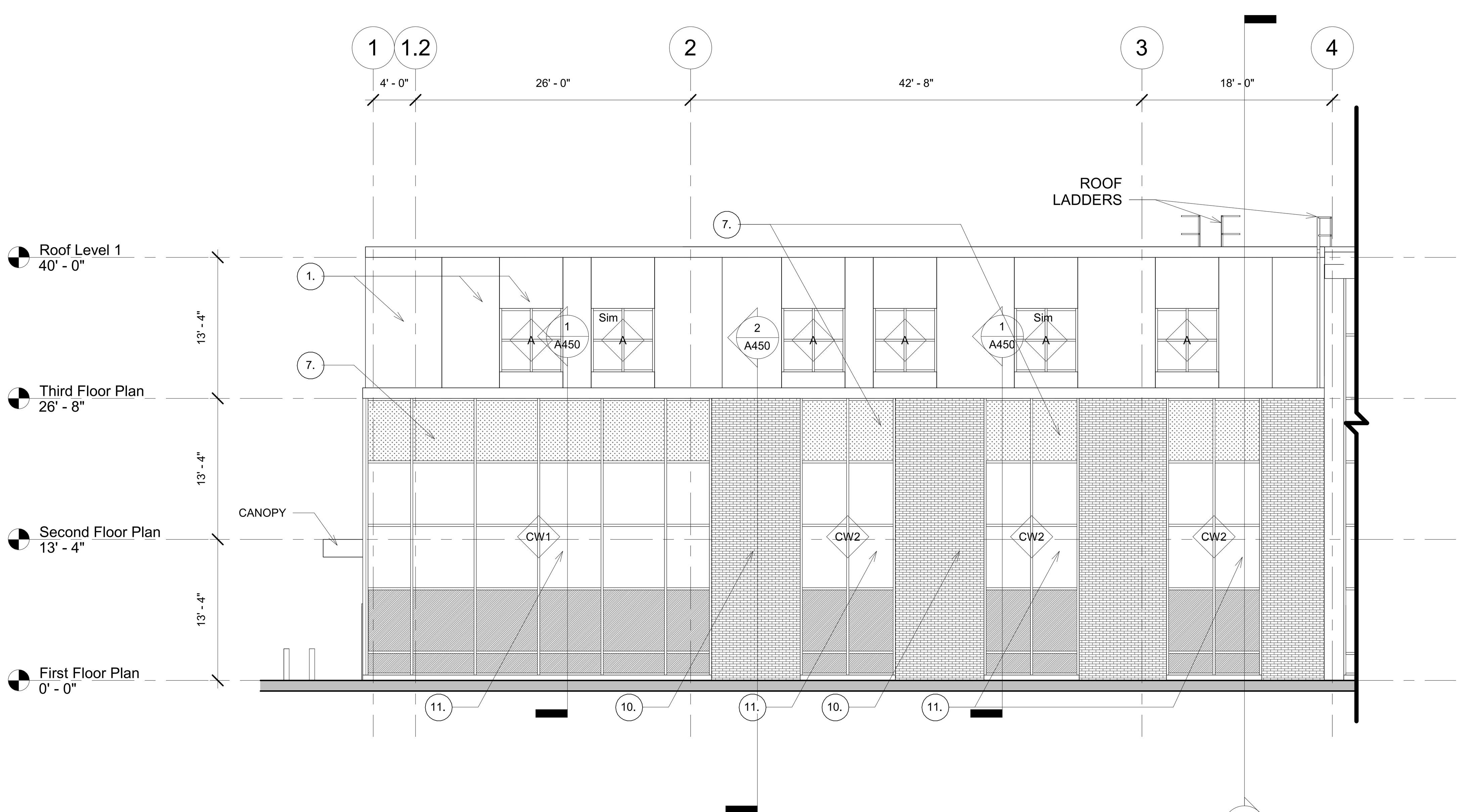


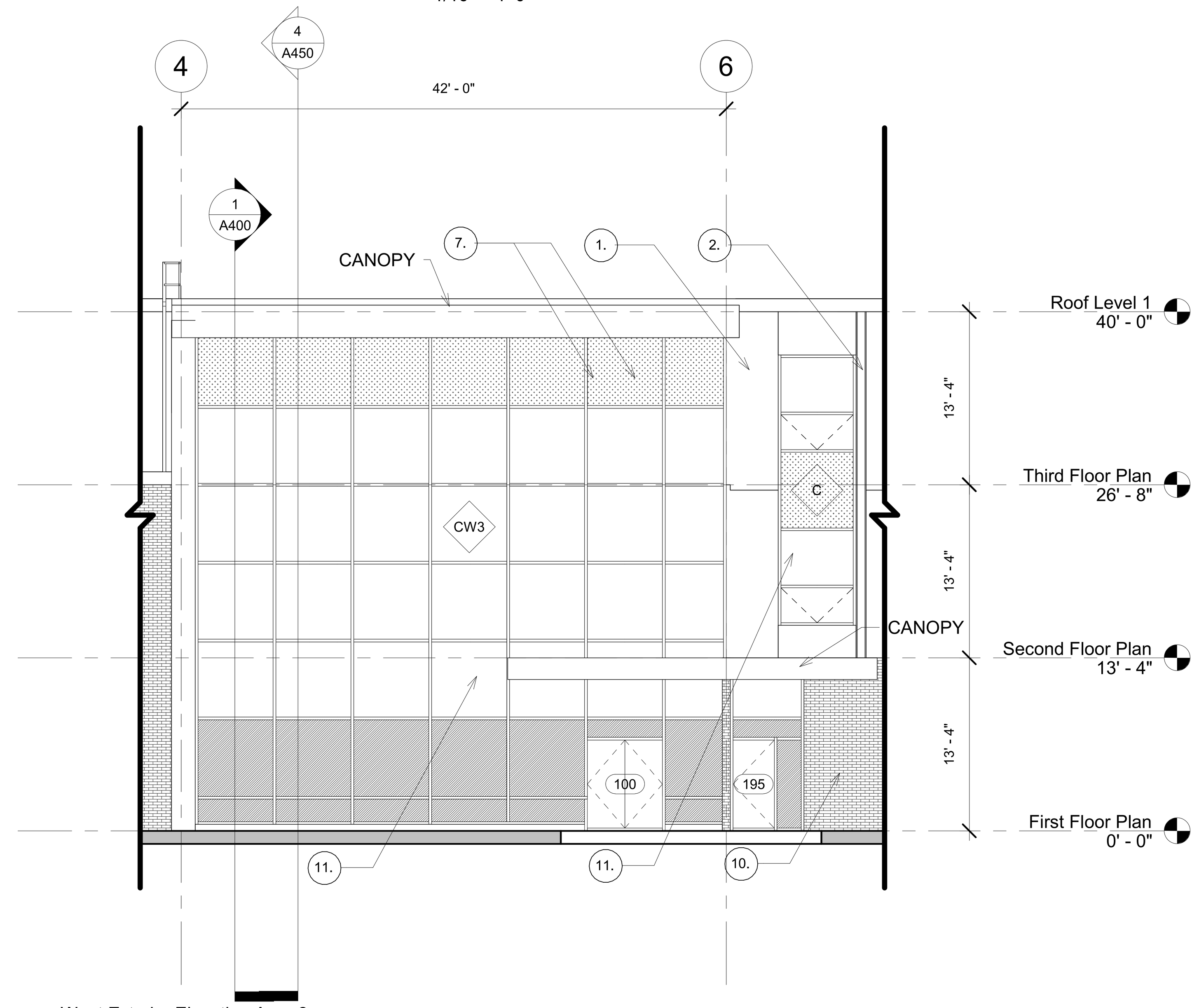
Elevation Plan Legend - A300
1/64" = 1'-0"



4 West Building Elevation Legend
1/16" = 1'-0"



1 West Exterior Elevation Area 1
1/8" = 1'-0"



2 West Exterior Elevation Area 2
1/8" = 1'-0"

ELEVATION CONSTRUCTION NOTES

1. ACM PANEL - FINISH 1
2. ACM PANEL - FINISH 2
3. ACM PANEL - FINISH 3
4. ACM PANEL - FINISH 4
5. ACM PANEL - FINISH 5
6. 7" x .140 " ALUM FASCIA W/F.F.
7. SPANDREL GLASS
8. 12" X .040" ALUM FASCIA (YELLOW)
9. CONC. FOOTING & FOUNDATION, SEE STRUCT DWGS
10. BRICK FACE
11. 2 1/2" X 7 1/2" ALUM CURTAIN WALL W/F.F.
12. PREFORMED STEEL SIDING, WOOD LOOK

TINTED GLASS LEGEND

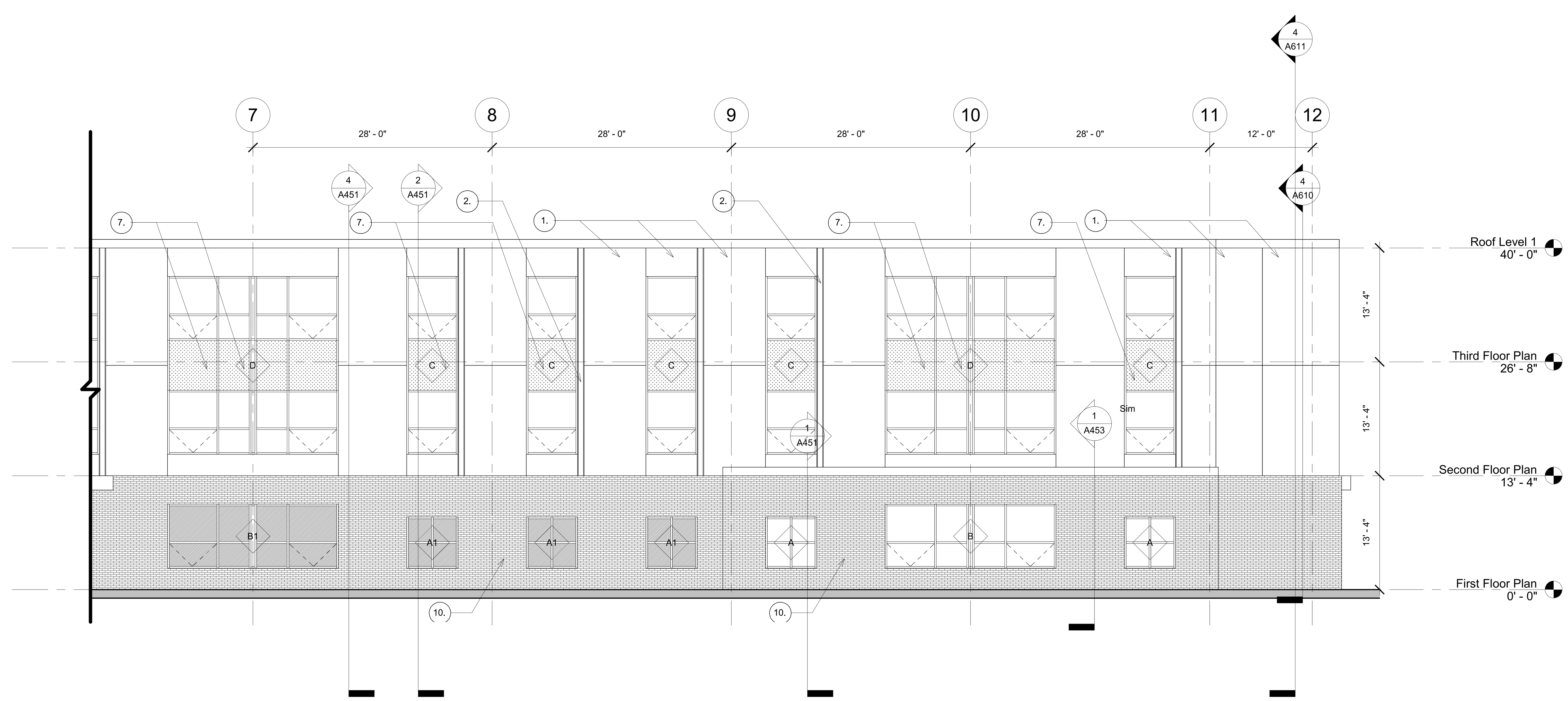
(A)	1" INSULATED, GREEN TEMPERED GLASS, TINTED
(B)	1" INSULATED, BLUE TEMPERED GLASS, TINTED
(C)	1" INSULATED, RED TEMPERED GLASS, TINTED
(D)	1" INSULATED, ORANGE TEMPERED GLASS, TINTED

WINDOW GLASS LEGEND

□	1" INSULATED, CLEAR TEMPERED GLASS
■	1" INSULATED, FROSTED TEMPERED GLASS (LOCATED @ RESTROOMS)
⊠	1" INSULATED, OPAQUE, TEMPERED GLASS
▨	1" INSULATED, TINTED TEMPERED GLASS
░	1" SPANDREL GLASS - COLOR TO BE SELECTED BY ARCHITECT
▩	1" BULLET RESISTANT GLASS TINTED - COLOR TO BE SELECTED BY ARCHITECT

TRANSPARENCY CALCULATIONS

ELEVATION	TOTAL AREA	AREA OF GLAZING	PERCENTAGE OF TRANSPARENCY	NOTES
1/A301 SOUTH ELEVATION	---,--- SF	-,--- SF	--.-%	
2/A301 WEST ELEVATION	---,--- SF	-,--- SF	--.-%	
3/A301 WEST WING- NORTH ELEVATION	---,--- SF	-,--- SF	--.-%	
1/A302 NORTH ELEVATION	---,--- SF	-,--- SF	--.-%	
2/A302 EAST WING- NORTH ELEVATION	---,--- SF	-,--- SF	--.-%	
3/A302 GYMNASIUM- SOUTH ELEVATION	---,--- SF	-,--- SF	--.-%	
1/A303 EAST ELEVATION	---,--- SF	-,--- SF	--.-%	
2/A303 EAST ELEVATION	---,--- SF	-,--- SF	--.-%	
3/A303 EAST ELEVATION	---,--- SF	-,--- SF	--.-%	
1/A304 EAST ELEVATION	---,--- SF	-,--- SF	--.-%	
2/A304 EAST ELEVATION	---,--- SF	-,--- SF	--.-%	
3/A304 EAST ELEVATION	---,--- SF	-,--- SF	--.-%	
TOTAL CALCULATIONS	---,--- SF	-,--- SF	--.-%	



3 West Exterior Elevation Area 3
1/8" = 1'-0"

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RENOVATIONS FOR:

Lima Stuart Elementary School

PRELIMINARY PLAN REVIEW

188 PRINCETON AVE, PROVIDENCE, RI 02907

EXTERIOR ELEVATIONS

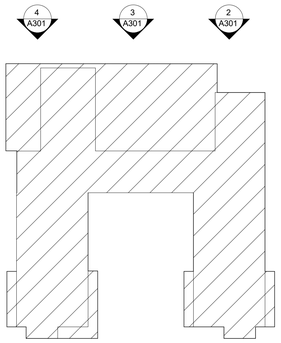
DATE	REV. #	DESCRIPTION

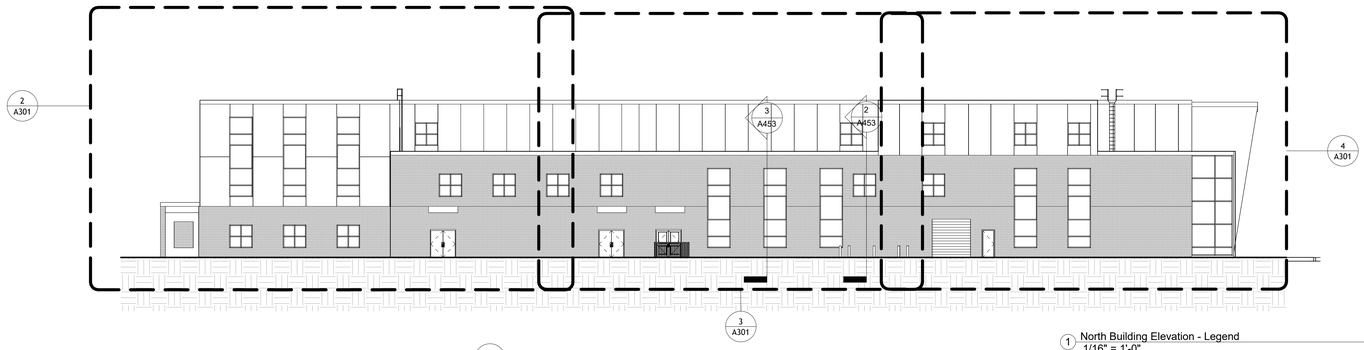
REVISIONS:

DATE: 10/ 20 / 2025
DRWN: CB
SCALE: AS NOTED
CHECKED BY: TA

A300

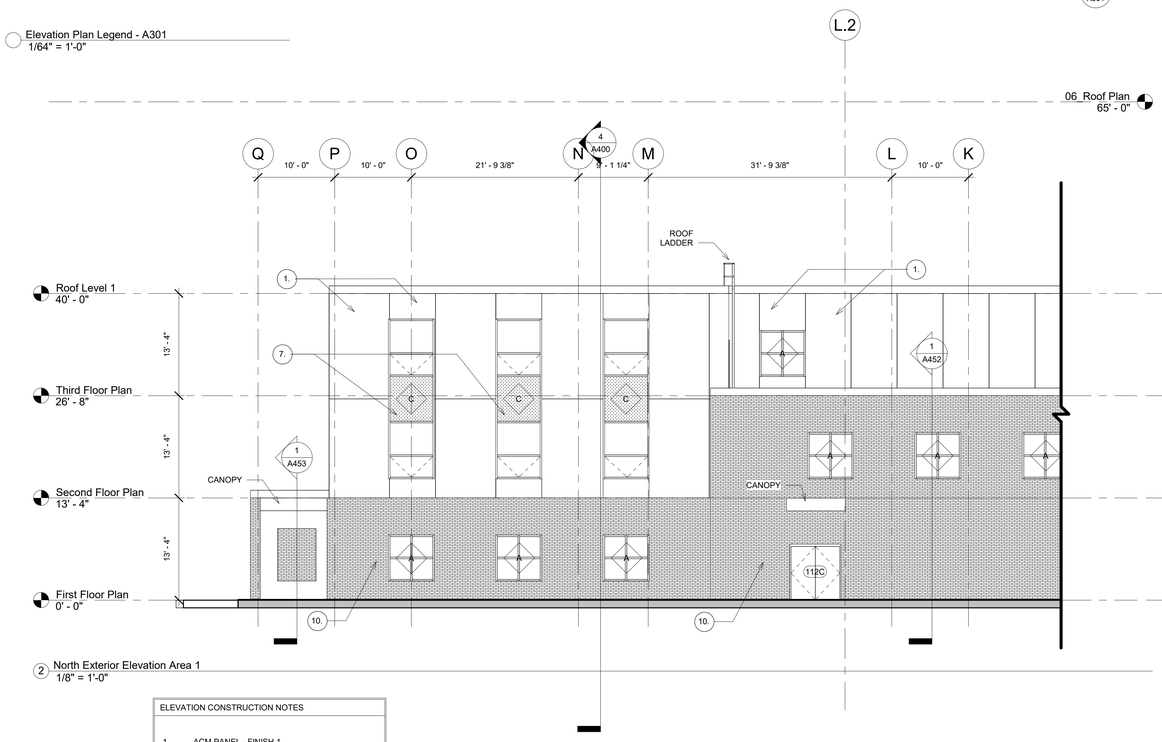
SHEET OF



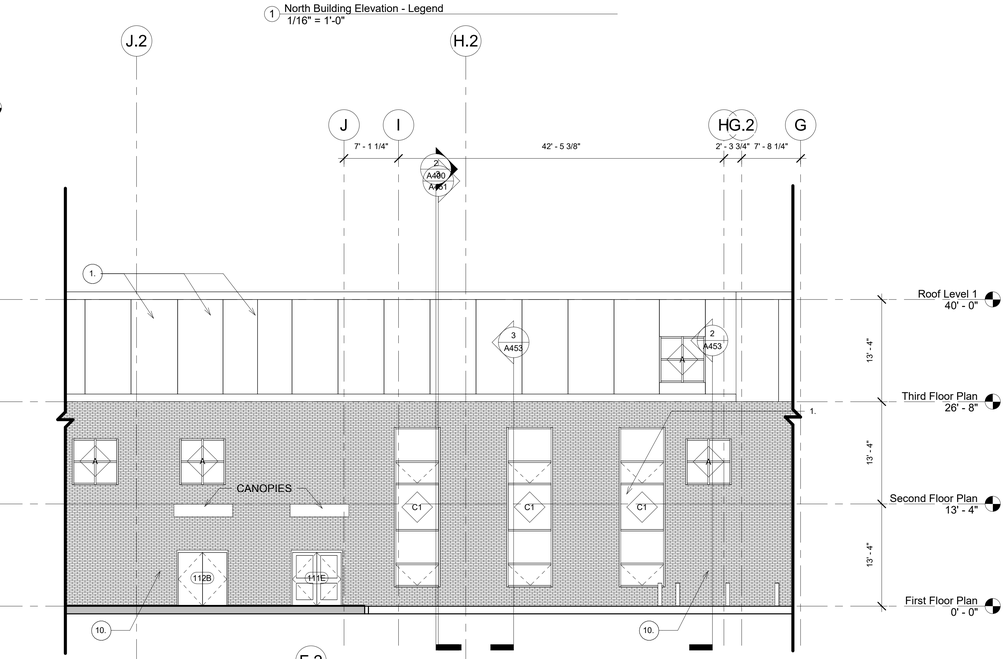


Elevation Plan Legend - A301
1/64" = 1'-0"

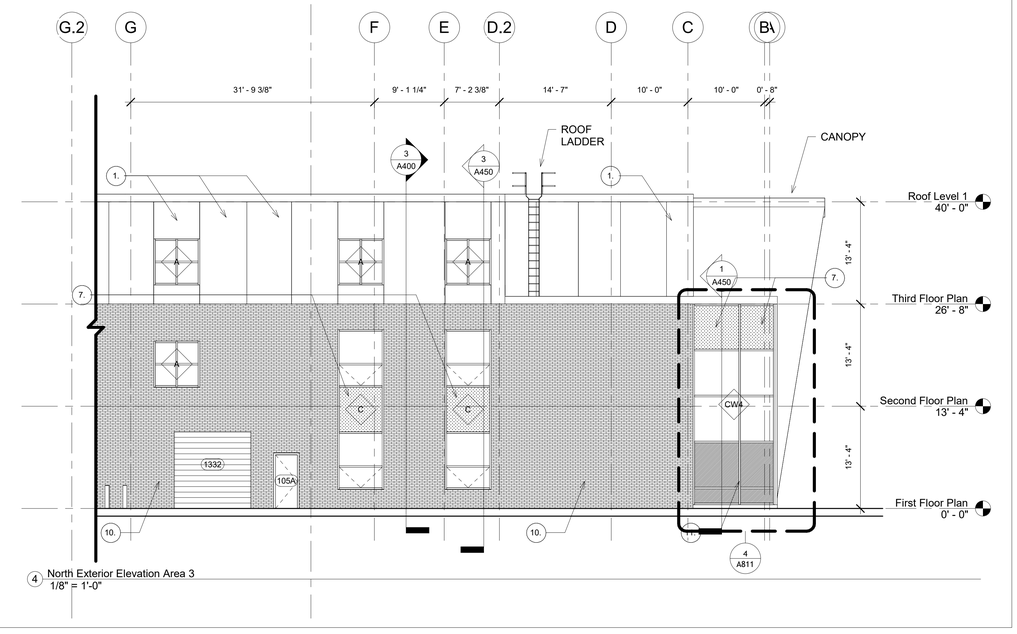
1 North Building Elevation - Legend
1/16" = 1'-0"



2 North Exterior Elevation Area 1
1/8" = 1'-0"



3 North Exterior Elevation Area 2
1/8" = 1'-0"



4 North Exterior Elevation Area 3
1/8" = 1'-0"

ELEVATION CONSTRUCTION NOTES

1. ACM PANEL - FINISH 1
2. ACM PANEL - FINISH 2
3. ACM PANEL - FINISH 3
4. ACM PANEL - FINISH 4
5. ACM PANEL - FINISH 5
6. 7" x .140 " ALUM FASCIA W/F.F.
7. SPANDREL GLASS
8. 12" X .040" ALUM FASCIA (YELLOW)
9. CONC. FOOTING & FOUNDATION, SEE STRUCT DWGS
10. BRICK FACE
11. 2 1/2" X 7 1/2" ALUM CURTAIN WALL W/F.F.
12. PREFORMED STEEL SIDING, WOOD LOOK

TINTED GLASS LEGEND	
A	1" INSULATED, GREEN TEMPERED GLASS, TINTED
B	1" INSULATED, BLUE TEMPERED GLASS, TINTED
C	1" INSULATED, RED TEMPERED GLASS, TINTED
D	1" INSULATED, ORANGE TEMPERED GLASS, TINTED

WINDOW GLASS LEGEND	
	1" INSULATED, CLEAR TEMPERED GLASS
	1" INSULATED, FROSTED TEMPERED GLASS (LOCATED @ RESTROOMS)
	1" INSULATED, OPAQUE, TEMPERED GLASS
	1" INSULATED, TINTED TEMPERED GLASS
	1" SPANDREL GLASS - COLOR TO BE SELECTED BY ARCHITECT
	1" BULLET RESISTANT GLASS TINTED - COLOR TO BE SELECTED BY ARCHITECT

TRANSPARENCY CALCULATIONS

ELEVATION	TOTAL AREA	AREA OF GLAZING	PERCENTAGE OF TRANSPARENCY	NOTES
1/A301 SOUTH ELEVATION	---,--- SF	-,--- SF	---%	
2/A301 WEST ELEVATION	---,--- SF	-,--- SF	---%	
3/A301 WEST WING-NORTH ELEVATION	---,--- SF	-,--- SF	---%	
1/A302 NORTH ELEVATION	---,--- SF	-,--- SF	---%	
2/A302 EAST WING-NORTH ELEVATION	---,--- SF	-,--- SF	---%	
3/A302 GYM/AUDIA-SOUTH ELEVATION	---,--- SF	-,--- SF	---%	
1/A303 EAST ELEVATION	---,--- SF	-,--- SF	---%	
2/A303 EAST ELEVATION	---,--- SF	-,--- SF	---%	
3/A303 EAST ELEVATION	---,--- SF	-,--- SF	---%	
1/A304 EAST ELEVATION	---,--- SF	-,--- SF	---%	
2/A304 EAST ELEVATION	---,--- SF	-,--- SF	---%	
3/A304 EAST ELEVATION	---,--- SF	-,--- SF	---%	
TOTAL CALCULATIONS	---,--- SF	-,--- SF	---%	

ALL DRAWINGS, PLANS, REPORTS, SPECIFICATIONS, COMPUTER DATA FILES, FIELD NOTES, AND ALL OTHER DOCUMENTS PREPARED BY LA. TORRADO ARCHITECTS, A CORPORATION, AS INSTRUMENT OF SERVICE SHALL REMAIN THE PROPERTY OF LA. TORRADO ARCHITECTS, A CORPORATION. LA. TORRADO ARCHITECTS, A CORPORATION SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING THE COPYRIGHT THEREIN.

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401.681.4949

RENOVATIONS FOR:

Lima Stuart Elementary School

PRELIMINARY PLAN REVIEW

188 PRINCETON AVE, PROVIDENCE, RI 02907

EXTERIOR ELEVATIONS

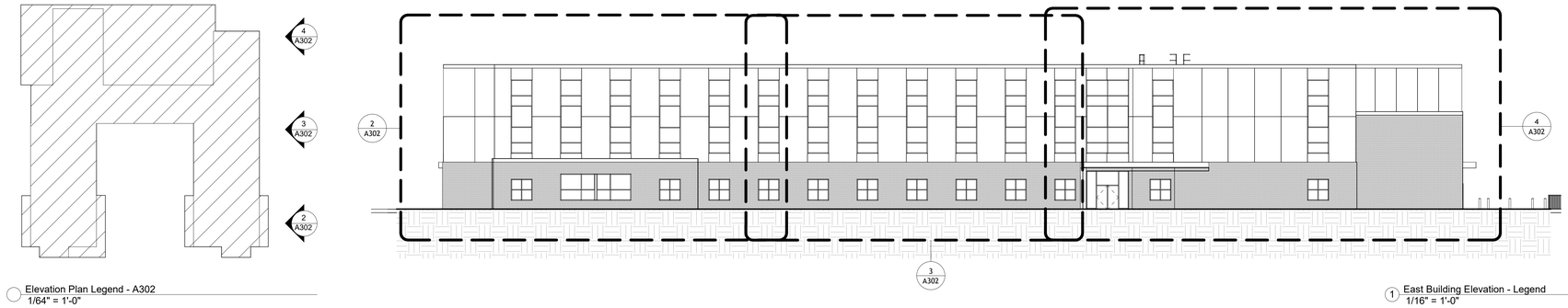
DATE	REV. #	DESCRIPTION

REVISIONS:

DATE: 10/ 20 / 2025
DRWN: CB
SCALE: AS NOTED
CHECKED BY: TA

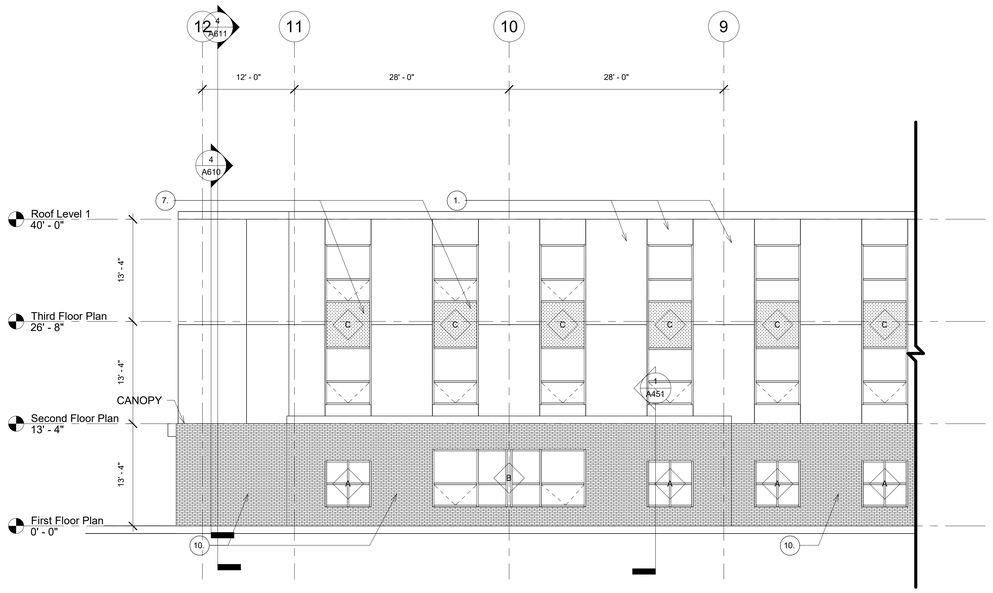
A301

SHEET OF

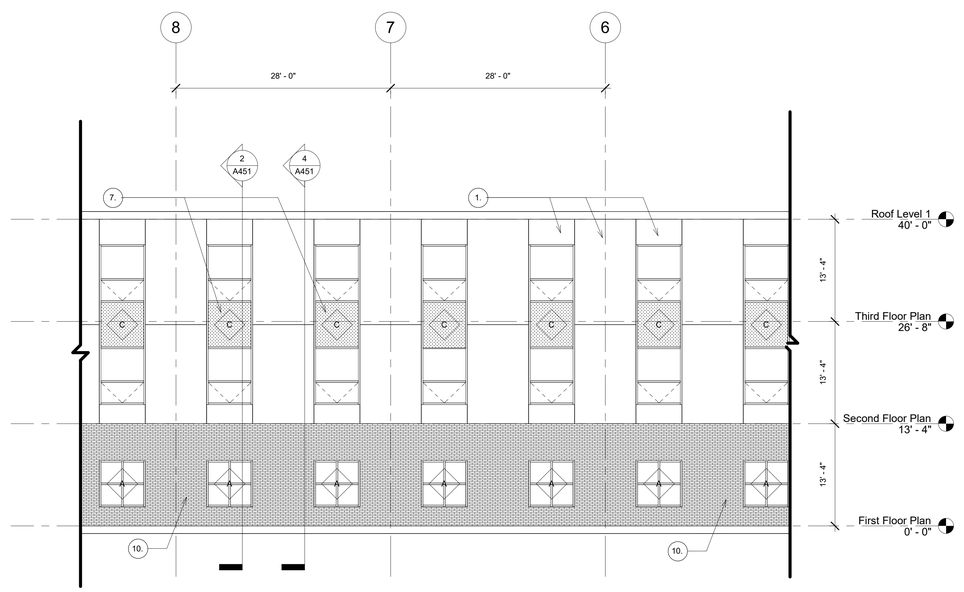


Elevation Plan Legend - A302
1/64" = 1'-0"

1 East Building Elevation - Legend
1/16" = 1'-0"



2 East Exterior Elevation Area 1
1/8" = 1'-0"



3 East Exterior Elevation Area 2
1/8" = 1'-0"

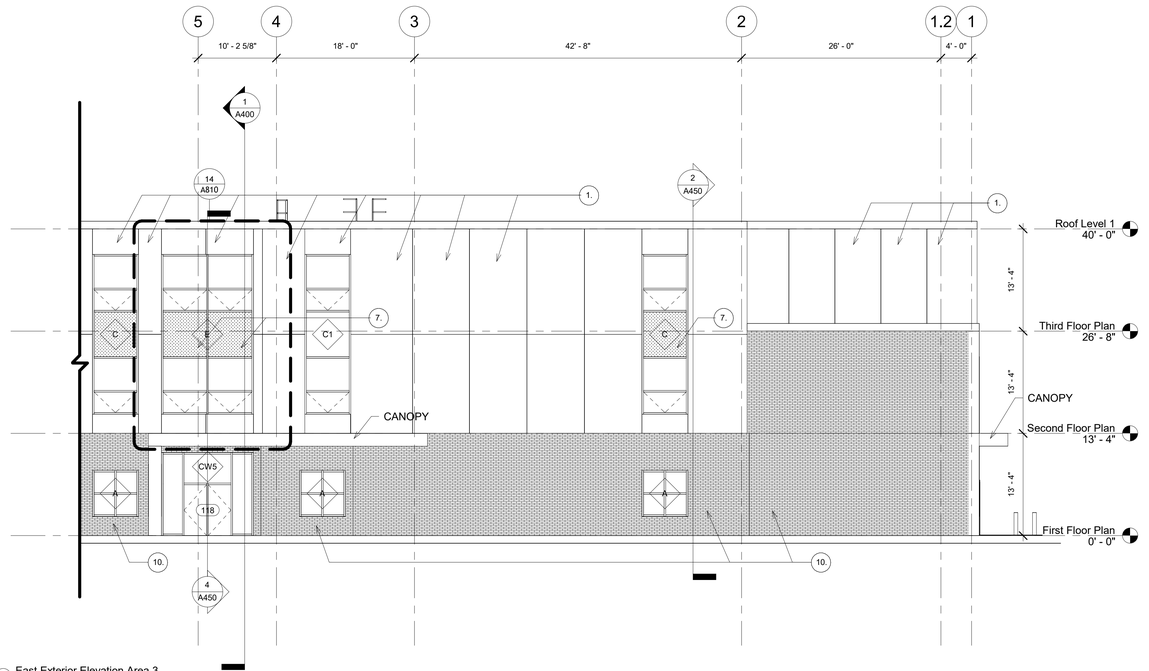
ELEVATION CONSTRUCTION NOTES	
1.	ACM PANEL - FINISH 1
2.	ACM PANEL - FINISH 2
3.	ACM PANEL - FINISH 3
4.	ACM PANEL - FINISH 4
5.	ACM PANEL - FINISH 5
6.	7" x .140 " ALUM FASCIA W/F.F.
7.	SPANDREL GLASS
8.	12" X .040" ALUM FASCIA (YELLOW)
9.	CONC. FOOTING & FOUNDATION, SEE STRUCT DWGS
10.	BRICK FACE
11.	2 1/2" X 7 1/2" ALUM CURTAIN WALL W/F.F.
12.	PREFORMED STEEL SIDING, WOOD LOOK

TINTED GLASS LEGEND	
A	1" INSULATED, GREEN TEMPERED GLASS, TINTED
B	1" INSULATED, BLUE TEMPERED GLASS, TINTED
C	1" INSULATED, RED TEMPERED GLASS, TINTED
D	1" INSULATED, ORANGE TEMPERED GLASS, TINTED

WINDOW GLASS LEGEND	
	1" INSULATED, CLEAR TEMPERED GLASS
	1" INSULATED, FROSTED TEMPERED GLASS (LOCATED @ RESTROOMS)
	1" INSULATED, OPAQUE, TEMPERED GLASS
	1" INSULATED, TINTED TEMPERED GLASS
	1" SPANDREL GLASS - COLOR TO BE SELECTED BY ARCHITECT
	1" BULLET RESISTANT GLASS TINTED - COLOR TO BE SELECTED BY ARCHITECT

TRANSPARENCY CALCULATIONS

ELEVATION	TOTAL AREA	AREA OF GLAZING	PERCENTAGE OF TRANSPARENCY	NOTES
1/A301 SOUTH ELEVATION	---,--- SF	-,--- SF	---%	
2/A301 WEST ELEVATION	---,--- SF	-,--- SF	---%	
3/A301 WEST WING-NORTH ELEVATION	---,--- SF	-,--- SF	---%	
1/A302 NORTH ELEVATION	---,--- SF	-,--- SF	---%	
2/A302 EAST WING-NORTH ELEVATION	---,--- SF	-,--- SF	---%	
3/A302 GYMNASIUM-SOUTH ELEVATION	---,--- SF	-,--- SF	---%	
1/A303 EAST ELEVATION	---,--- SF	-,--- SF	---%	
2/A303 EAST ELEVATION	---,--- SF	-,--- SF	---%	
3/A303 EAST ELEVATION	---,--- SF	-,--- SF	---%	
1/A304 EAST ELEVATION	---,--- SF	-,--- SF	---%	
2/A304 EAST ELEVATION	---,--- SF	-,--- SF	---%	
3/A304 EAST ELEVATION	---,--- SF	-,--- SF	---%	
TOTAL CALCULATIONS	---,--- SF	-,--- SF	---%	



4 East Exterior Elevation Area 3
1/8" = 1'-0"

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RENOVATIONS FOR:

Lima Stuart Elementary School

PRELIMINARY PLAN REVIEW

188 PRINCETON AVE, PROVIDENCE, RI 02907

EXTERIOR ELEVATIONS

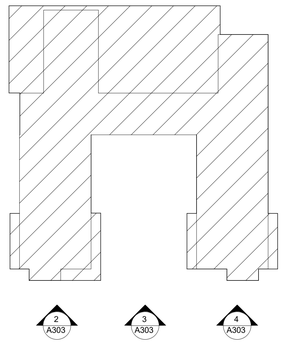
DATE	REV. #	DESCRIPTION

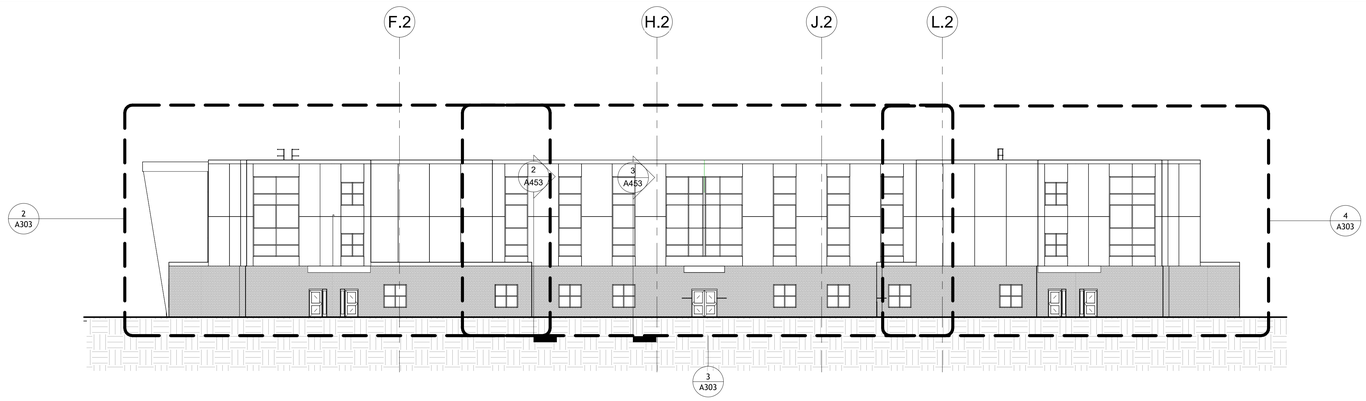
REVISIONS:

DATE: 10/ 20 / 2025
DRWN: CB
SCALE: AS NOTED
CHECKED BY: TA

A302

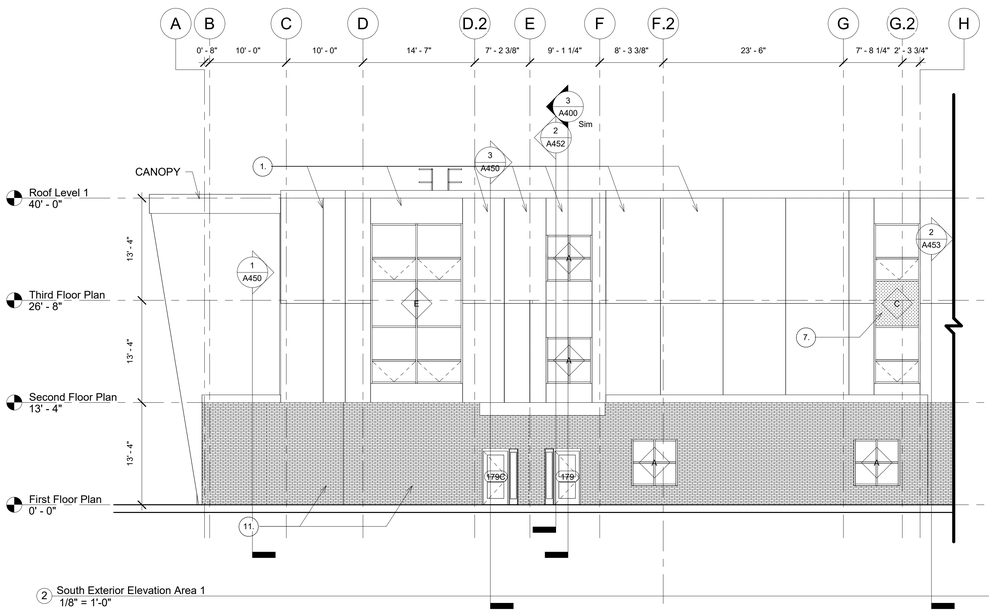
SHEET OF



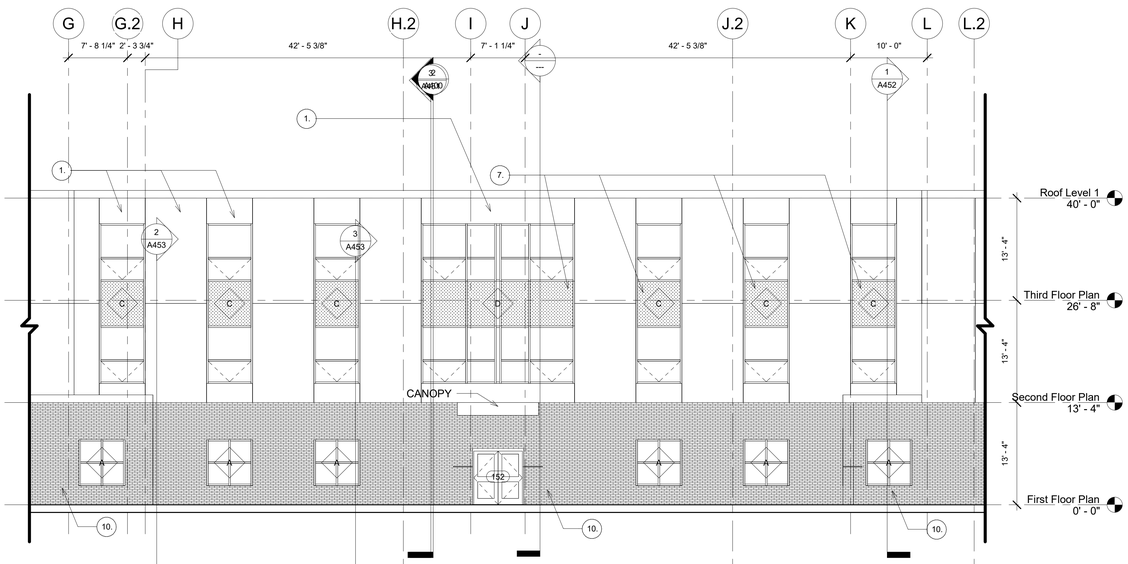


Elevation Plan Legend - A303
1/64" = 1'-0"

1 South Building Elevation - Legend
1/16" = 1'-0"



2 South Exterior Elevation Area 1
1/8" = 1'-0"



3 South Exterior Elevation Area 2
1/8" = 1'-0"

ELEVATION CONSTRUCTION NOTES	
1.	ACM PANEL - FINISH 1
2.	ACM PANEL - FINISH 2
3.	ACM PANEL - FINISH 3
4.	ACM PANEL - FINISH 4
5.	ACM PANEL - FINISH 5
6.	7" x .140 " ALUM FASCIA W/F.F.
7.	SPANDREL GLASS
8.	12" X .040" ALUM FASCIA (YELLOW)
9.	CONC. FOOTING & FOUNDATION, SEE STRUCT DWGS
10.	BRICK FACE
11.	2 1/2" X 7 1/2" ALUM CURTAIN WALL W/F.F.
12.	PREFORMED STEEL SIDING, WOOD LOOK

TRANSPARENCY CALCULATIONS				
ELEVATION	TOTAL AREA	AREA OF GLAZING	PERCENTAGE OF TRANSPARENCY	NOTES
1/A301 SOUTH ELEVATION	---,--- SF	-,--- SF	---%	
2/A301 WEST ELEVATION	---,--- SF	-,--- SF	---%	
3/A301 WEST WING-NORTH ELEVATION	---,--- SF	-,--- SF	---%	
1/A302 NORTH ELEVATION	---,--- SF	-,--- SF	---%	
2/A302 EAST WING-NORTH ELEVATION	---,--- SF	-,--- SF	---%	
3/A302 GYMNASIUM-SOUTH ELEVATION	---,--- SF	-,--- SF	---%	
1/A303 EAST ELEVATION	---,--- SF	-,--- SF	---%	
2/A303 EAST ELEVATION	---,--- SF	-,--- SF	---%	
3/A303 EAST ELEVATION	---,--- SF	-,--- SF	---%	
1/A304 EAST ELEVATION	---,--- SF	-,--- SF	---%	
2/A304 EAST ELEVATION	---,--- SF	-,--- SF	---%	
3/A304 EAST ELEVATION	---,--- SF	-,--- SF	---%	
TOTAL CALCULATIONS	---,--- SF	-,--- SF	---%	

TINTED GLASS LEGEND	
A	1" INSULATED, GREEN TEMPERED GLASS, TINTED
B	1" INSULATED, BLUE TEMPERED GLASS, TINTED
C	1" INSULATED, RED TEMPERED GLASS, TINTED
D	1" INSULATED, ORANGE TEMPERED GLASS, TINTED

WINDOW GLASS LEGEND	
	1" INSULATED, CLEAR TEMPERED GLASS
	1" INSULATED, FROSTED TEMPERED GLASS (LOCATED @ RESTROOMS)
	1" INSULATED, OPAQUE, TEMPERED GLASS
	1" INSULATED, TINTED TEMPERED GLASS
	1" SPANDREL GLASS - COLOR TO BE SELECTED BY ARCHITECT
	1" BULLET RESISTANT GLASS TINTED - COLOR TO BE SELECTED BY ARCHITECT

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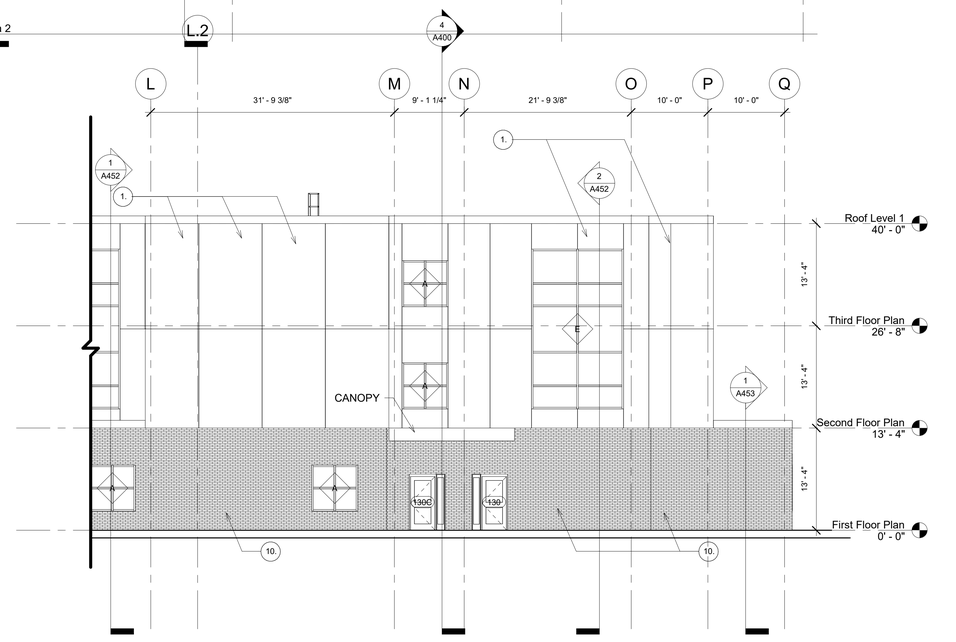

4 South Exterior Elevation Area 3
1/8" = 1'-0"

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RENOVATIONS FOR:

Lima Stuart Elementary School

PRELIMINARY PLAN REVIEW

188 PRINCETON AVE, PROVIDENCE, RI 02907

EXTERIOR ELEVATIONS

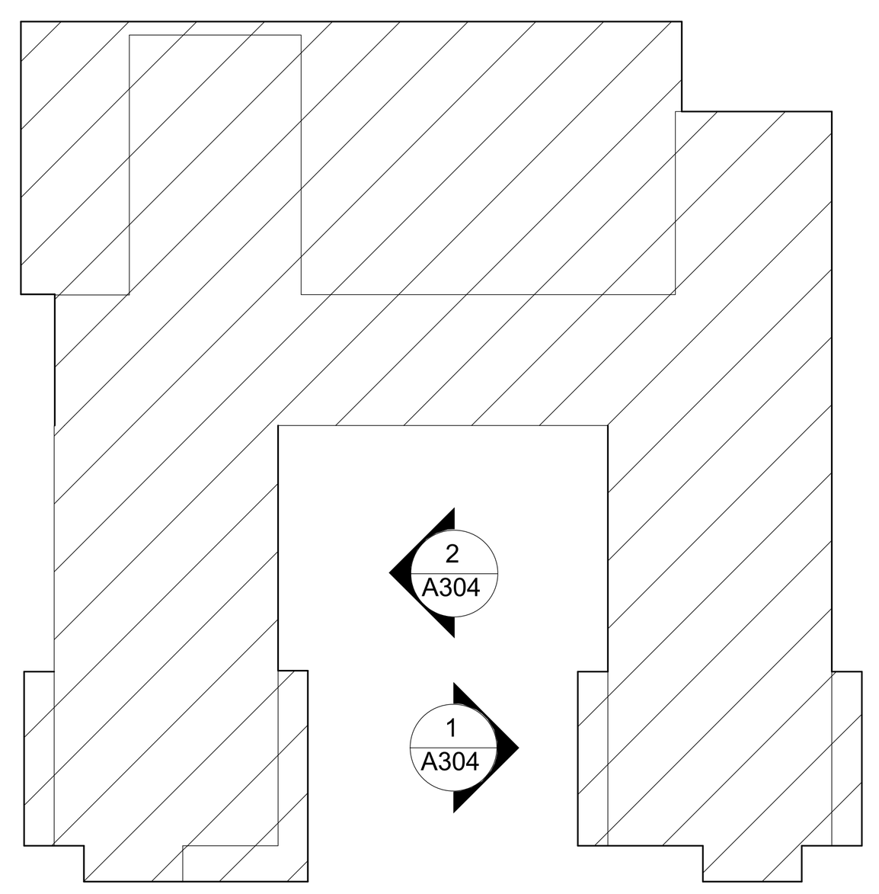
DATE	REV. #	DESCRIPTION

REVISIONS:

DATE:	10/ 20 / 2025
DRWN:	CB
SCALE:	AS NOTED
CHECKED BY:	TA

A303

SHEET OF



Elevation Plan Legend - A304
1/64" = 1'-0"

ELEVATION CONSTRUCTION NOTES	
1.	ACM PANEL, WOOD GRAIN FINISH
2.	ACM PANEL - YELLOW FINISH
3.	ACM PANEL - GREEN FINISH
4.	ACM PANEL - BLUE FINISH
5.	ACM PANEL - RED FINISH
6.	7" x .140 " ALUM FASCIA W/F.F.
7.	SPANDREL GLASS
8.	12" X .040" ALUM FASCIA (YELLOW)
9.	CONC. FOOTING & FOUNDATION, SEE STRUCT DWGS
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11.	2 1/2" X 7 1/2" ALUM CURTAIN WALL W/F.F.
12.	PREFORMED STEEL SIDING, WOOD LOOK

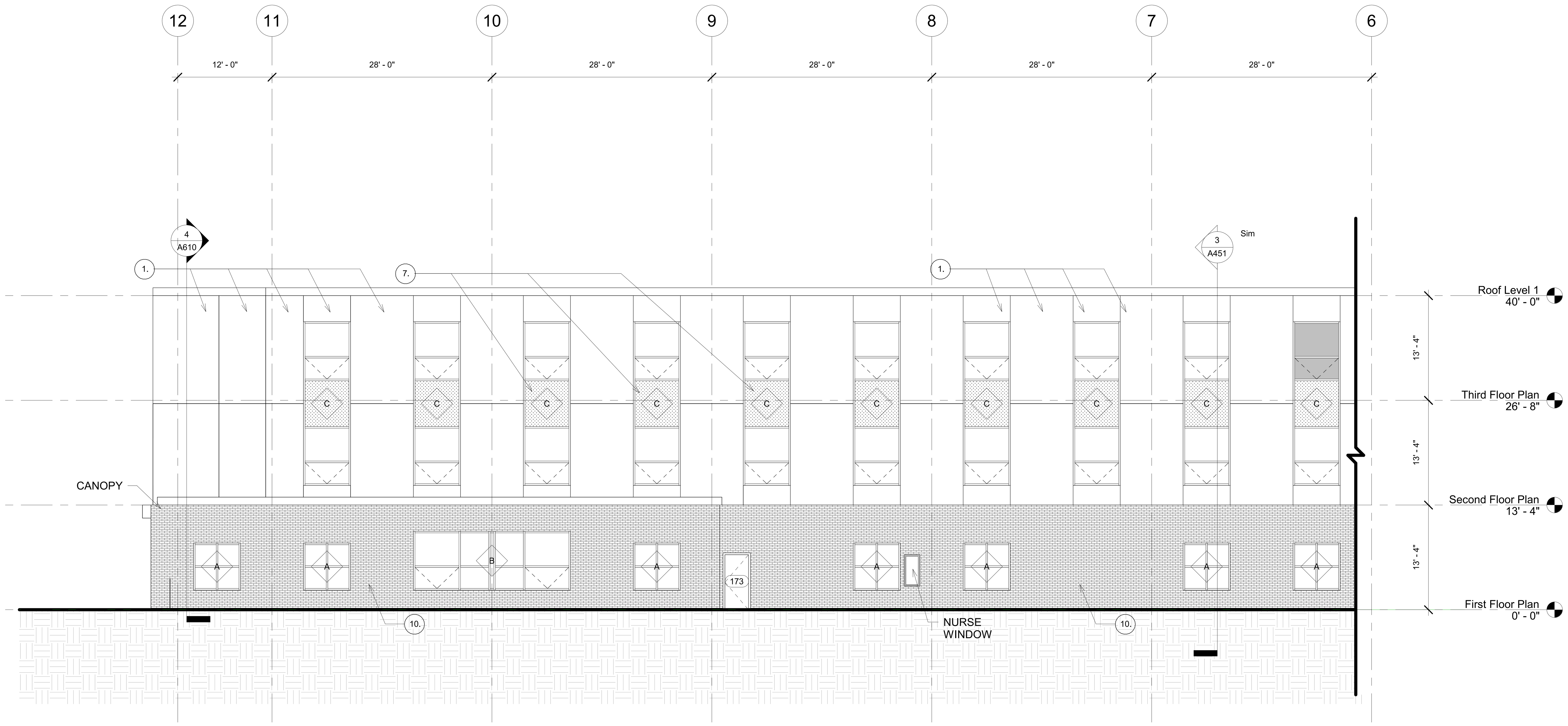
TINTED GLASS LEGEND	
▨ A	1" INSULATED, GREEN TEMPERED GLASS, TINTED
▨ B	1" INSULATED, BLUE TEMPERED GLASS, TINTED
▨ C	1" INSULATED, RED TEMPERED GLASS, TINTED
▨ D	1" INSULATED, ORANGE TEMPERED GLASS, TINTED

WINDOW GLASS LEGEND	
□	1" INSULATED, CLEAR TEMPERED GLASS
■	1" INSULATED, FROSTED TEMPERED GLASS (LOCATED @ RESTROOMS)
⊠	1" INSULATED, OPAQUE, TEMPERED GLASS
▨	1" INSULATED, TINTED TEMPERED GLASS
⁙	1'' SPANDREL GLASS - COLOR TO BE SELECTED BY ARCHITECT
▩	1'' BULLET RESISTANT GLASS TINTED - COLOR TO BE SELECTED BY ARCHITECT

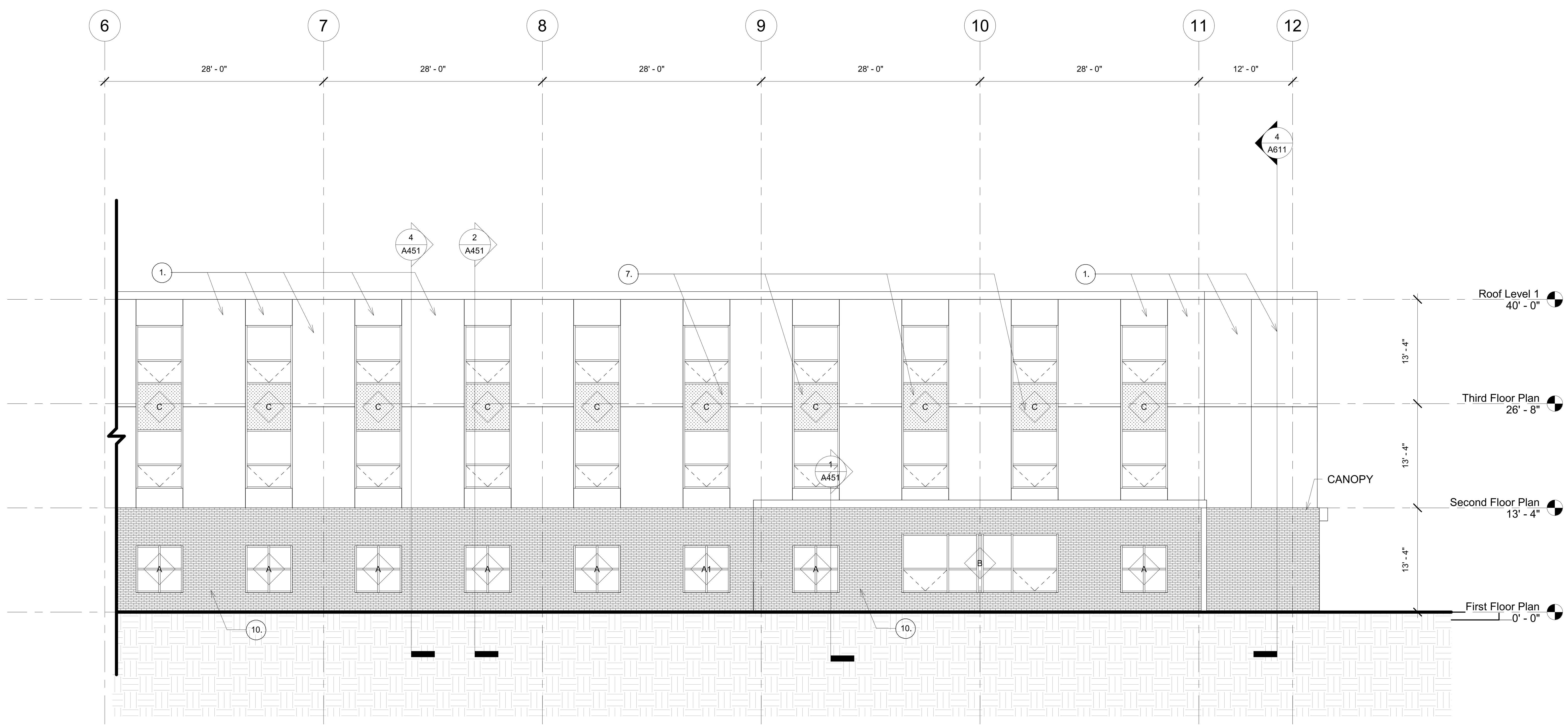
TRANSPARENCY CALCULATIONS

ELEVATION	TOTAL AREA	AREA OF GLAZING	PERCENTAGE OF TRANSPARENCY	NOTES
1/A301 SOUTH ELEVATION	---,--- SF	-,--- SF	--.-%	
2/A301 WEST ELEVATION	---,--- SF	-,--- SF	--.-%	
3/A301 WEST WING- NORTH ELEVATION	---,--- SF	-,--- SF	--.-%	
1/A302 NORTH ELEVATION	---,--- SF	-,--- SF	--.-%	
2/A302 EAST WING- NORTH ELEVATION	---,--- SF	-,--- SF	--.-%	
3/A302 GYMNASIUM- SOUTH ELEVATION	---,--- SF	-,--- SF	--.-%	
1/A303 EAST ELEVATION	---,--- SF	-,--- SF	--.-%	
2/A303 EAST ELEVATION	---,--- SF	-,--- SF	--.-%	
3/A303 EAST ELEVATION	---,--- SF	-,--- SF	--.-%	
1/A304 EAST ELEVATION	---,--- SF	-,--- SF	--.-%	
2/A304 EAST ELEVATION	---,--- SF	-,--- SF	--.-%	
3/A304 EAST ELEVATION	---,--- SF	-,--- SF	--.-%	
TOTAL CALCULATIONS	---,--- SF	-,--- SF	--.-%	

ALL DRAWINGS, PLANS, REPORTS, SPECIFICATIONS, COMPUTER DATA FILES, FIELD NOTES, AND ALL OTHER DOCUMENTS PREPARED BY LA. TORRADO ARCHITECTS, A CORPORATION, AS INSTRUMENT OF SERVICE, SHALL REMAIN THE PROPERTY OF LA TORRADO ARCHITECTS, A CORPORATION. LA TORRADO ARCHITECTS, A CORPORATION SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING THE COPYRIGHT THERE TO.



1 East Courtyard Elevation
1/8" = 1'-0"



2 West Courtyard Elevation
1/8" = 1'-0"

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401.681.4949

RENOVATIONS FOR:

Lima Stuart Elementary School

PRELIMINARY PLAN REVIEW

188 PRINCETON AVE, PROVIDENCE, RI 02907

EXTERIOR ELEVATIONS

DATE	REV. #	DESCRIPTION

REVISIONS:

DATE: 10/ 20 / 2025
DRWN: CB
SCALE: AS NOTED
CHECKED BY: TA

A304

SHEET OF

D-Series Size 1
LED Area Luminaire

Catalog Number

Notes

Type SL1

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Specifications

EPA:	0.69 ft² (0.06 m²)
Length:	32.71" (83.1 cm)
Width:	14.26" (36.2 cm)
Height H1:	7.88" (20.0 cm)
Height H2:	2.73" (6.9 cm)
Weight:	34 lbs (15.4 kg)

Design Select options indicated by this color background.

design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

Ordering Information

EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

LITHONIA LIGHTING
COMMERCIAL OUTDOOR

1 Acuity Way • Decatur, Georgia 30035 • Phone: 1-800-705-SERV (7378) • www.lithonia.com

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DSX1-LED
Rev. 08/28/25
Page 1 of 10

WDGE3 LED
Architectural Wall Sconce

Catalog Number

Notes

Type WP1

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance.

WDGE3 has been designed to deliver up to 12,000 lumens through a precision refractive lens with wide distribution, perfect for augmenting the lighting from pole mounted luminaires.

Specifications

Depth (D1):	8"
Depth (D2):	1.5"
Height:	9"
Width:	18"
Weight: (without options)	19.5 lbs

design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

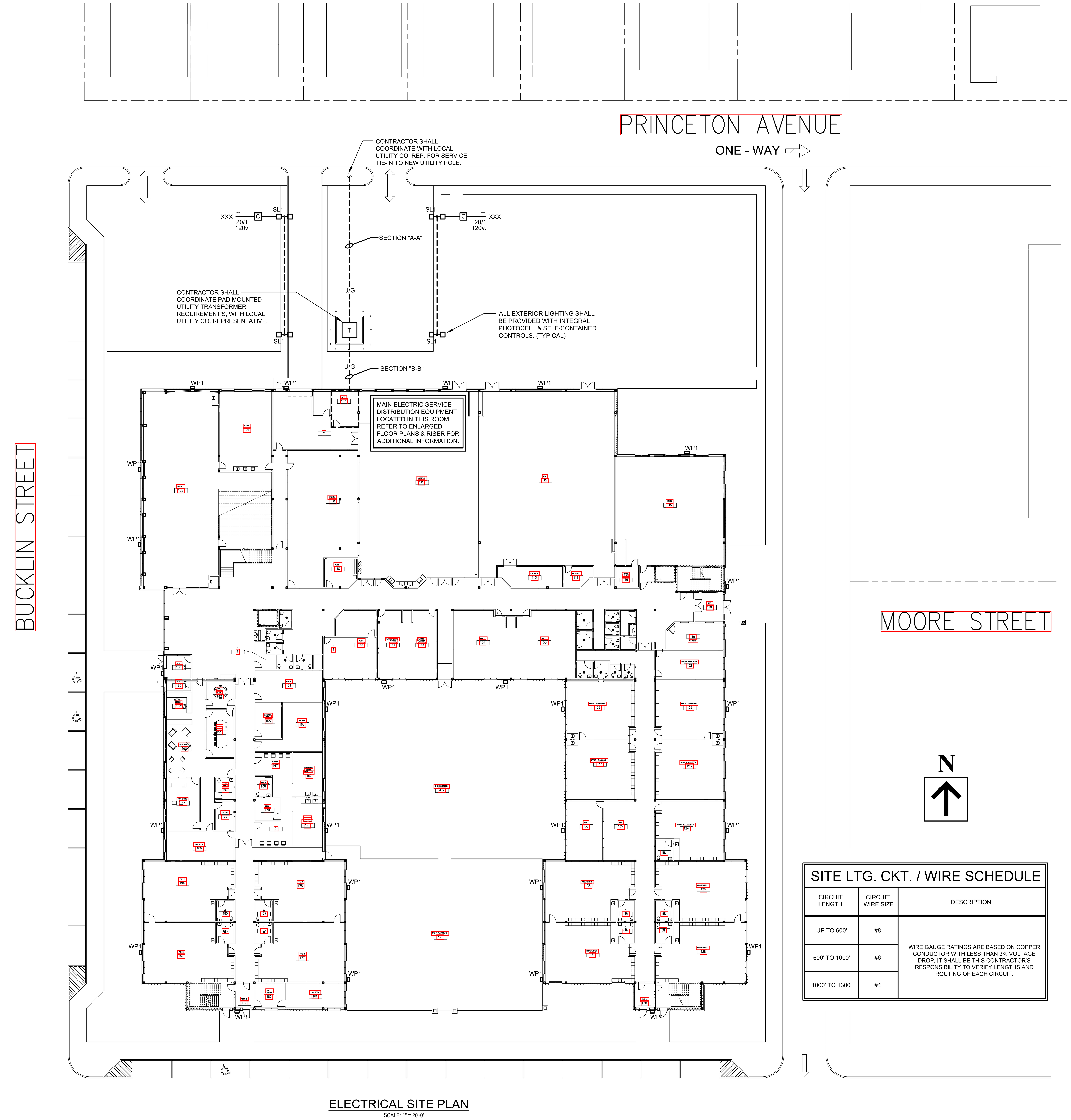
WDGE LED Family Overview

Luminaire	Optics	Standard EM, 0°C	Cold EM, -20°C	Sensor	Approximate Lumens (4000K, 80CRI) P0	P1	P2	P3	P4	P5	P6
WDGE1 LED	Visual Comfort	4W		--	750	1,200	2,000	--	--	--	--
WDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	--	1,200	2,000	3,000	4,500	6,000	--
WDGE2 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,200	4,200	--	--
WDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight	6,000	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	Precision Refractive			Standalone / nLight	--	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE3 LED P3 40K 70CRI R3 MVOLT SRM DDBXD

LITHONIA LIGHTING
COMMERCIAL OUTDOOR



ELECTRICAL SITE PLAN
SCALE: 1" = 20'-0"

SITE LTG. CKT. / WIRE SCHEDULE

CIRCUIT LENGTH	CIRCUIT. WIRE SIZE	DESCRIPTION
UP TO 600'	#8	WIRE GAUGE RATINGS ARE BASED ON COPPER CONDUCTOR WITH LESS THAN 3% VOLTAGE DROP. IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO VERIFY LENGTHS AND ROUTING OF EACH CIRCUIT.
600' TO 1000'	#6	
1000' TO 1300'	#4	

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RENOVATIONS FOR:

Lima Stuart Elementary School

Schematic Design
08/29/25

188 PRINCETON AVE, PROVIDENCE, RI 02907

ELECTRICAL - SITE PLAN

DATE	REV. #	DESCRIPTION

REVISIONS:

DATE:	08/29/2025
DRWN:	MW/AV
SCALE:	AS NOTED
CHECKED BY:	RWD

E500