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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:**

# <u>CIVIL</u>

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SITE DETAILS PLAN NO.2

# LANSCAPE

C7.0

L1.0 LANDSCAPE PLAN

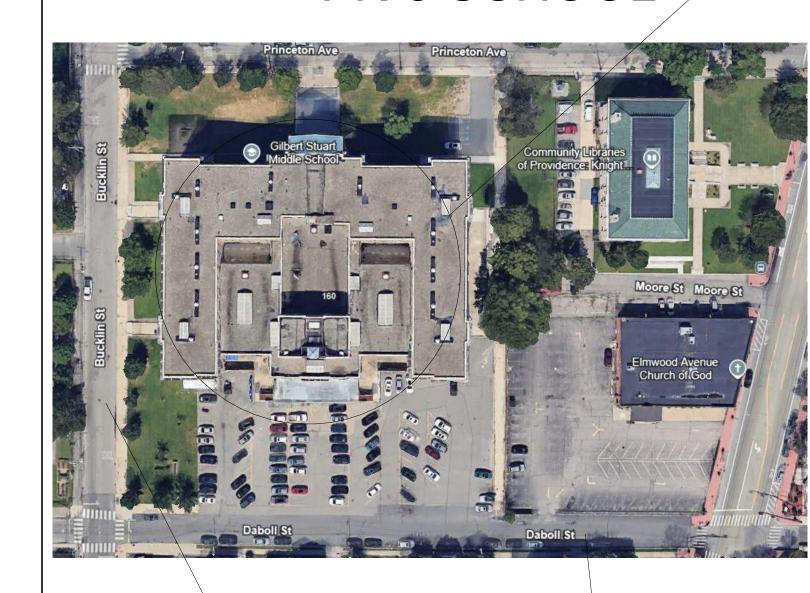
# **ELECTRICAL**

E500 ELECTRICAL - SITE PLAN

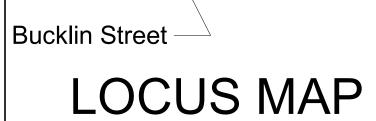
## **ARCHITECTURAL**

COVER SHEET & DRAWING LIST A000 A001 SITE PHOTOS A002 BUILDING HEIGHT DIAGRAM A101 1ST FLOOR PLAN A102 2ND FLOOR PLAN 3RD FLOOR PLAN A103 A300 **EXTERIOR ELEVATIONS** A301 **EXTERIOR ELEVATIONS** A302 **EXTERIOR ELEVATIONS** A303 **EXTERIOR ELEVATIONS EXTERIOR ELEVATIONS EXTERIOR RENDERS** 

# LIMA STUART PK-8 SCHOOL



- Daboll Street



#### GENERAL:

- 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.
- STOCKPILES OF EARTH MATERIALS SHALL NOT BE LOCATED ADJACENT TO DRAINAGE STRUCTURES.
- AND SEED.

  4. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SURVEY LAYOUT SERVICES FOR THE WORK

3. ALL DISTURBED AREAS OUTSIDE OF THE PAVED AREAS WILL RECEIVE A MINIMUM OF 6" OF LOAM

- 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 RESPONSIBILITY 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

#### 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.
- 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,
- 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

#### 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. <u>BEDDING:</u> 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:

IOMINAL 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
H25 (FLEXIBLE PAVEMENT)
H25 (RIGID PAVEMENT)
12"

#### DRAINAGE INSTALLATION NOTES:

HEAVY CONSTRUCTION

ALL RIM ELEVATIONS SHOWN ARE APPROXIMATE AND ARE TO BE SET FLUSH WITH FINAL GRADES.
 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

- 3. THE PROPOSED DRAINAGE LINES SHALL BE ADS N-12 (HDPE) OR AN APPROVED EQUAL AS
- 4. ALL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH H-20 LOADING CHARACTERISTICS.

#### DRAINAGE SYSTEM MAINTENANCE SCHEDULE:

- 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
- FOLLOWING ALL RAIN EVENTS OF ½ INCH RAINFALL OR MORE IN A 24-HOUR PERIOD, OR BIMONTHL 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
- 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

(OR REMOVE WHERE APPROPRIATE) ANY TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL

SEDIMENTATION PROCESSES SHALL BE DONE PROMPTLY TO ENSURE PROPER FUNCTIONING OF THE

- 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.

DEBRIS REMOVAL

- 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
- 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:

- 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
RED FESCUE
75
APRIL 1 - JUNE 15
COLONIAL PENTCRASS

- 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.

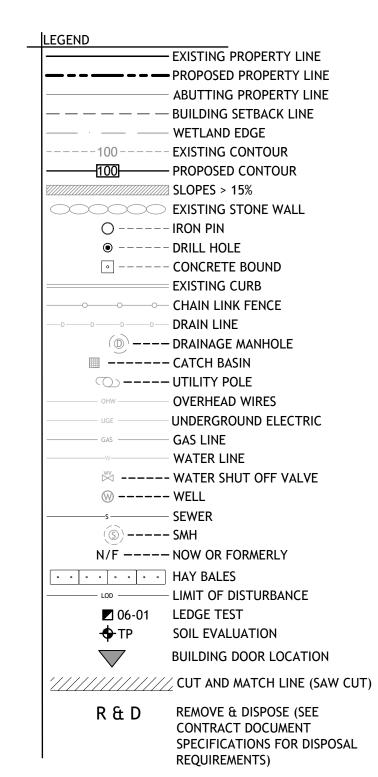
NOTE:

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







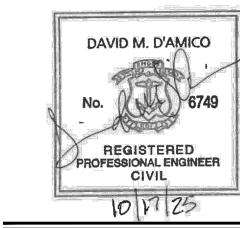
TORRADO ARCHITECTS

35 GREENWICH ST.
PROVIDENCE, RI 02907
401.781.0633 P

401.781.0661 F



KEY PLAN



OWNER:

CITY OF PROVIDENC

\_\_\_\_

PROJECT:

NEW SCHOOL:

Providence City Hall

25 Dorrance Street

Providence, RI 02903

IMA STUART ELEMENTARY

188 PRINCETON AVE.

Providence, RI 02903

CONTENT:

GENERAL NOTES & LEGEND

SCHEMATIC DESIGN FOR PERMIT

DATE: REV. # DESCRIPTION

DATE: AUG. 29, 2025

JOB No:

DRWN BY: D.M.D.

CHECKED BY: D.M.D.

**REVISIONS:** 

 $\Box$ 

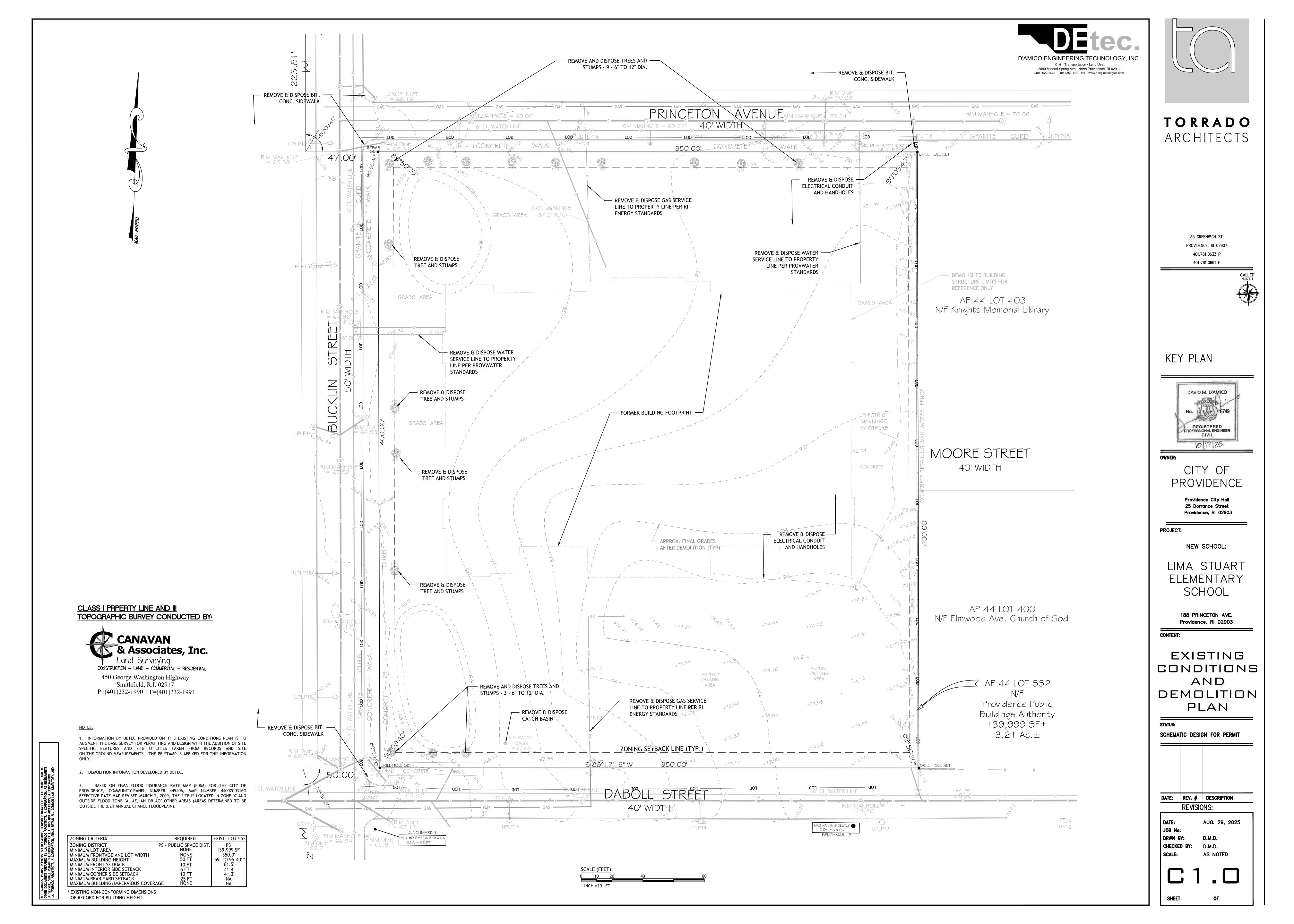
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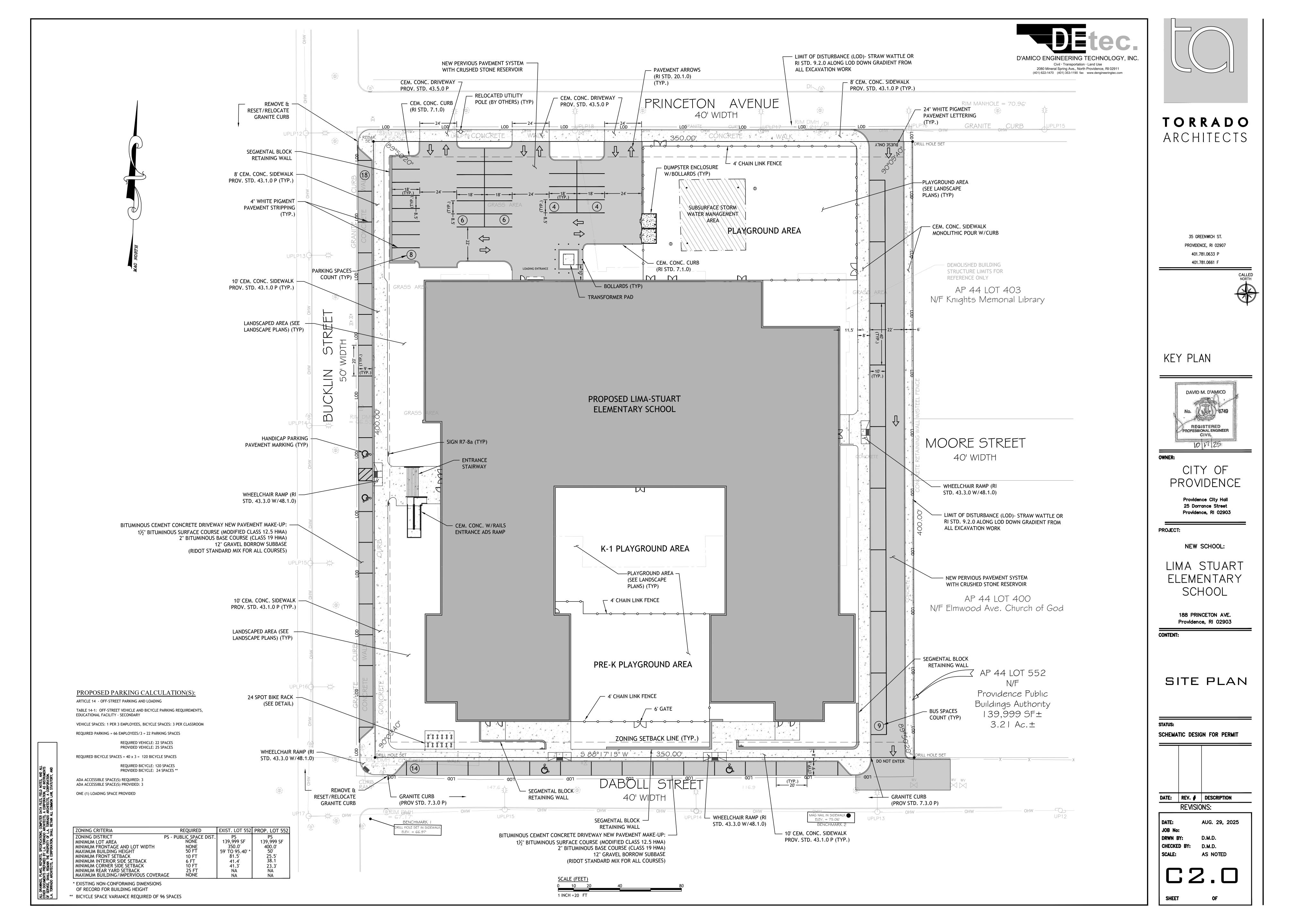
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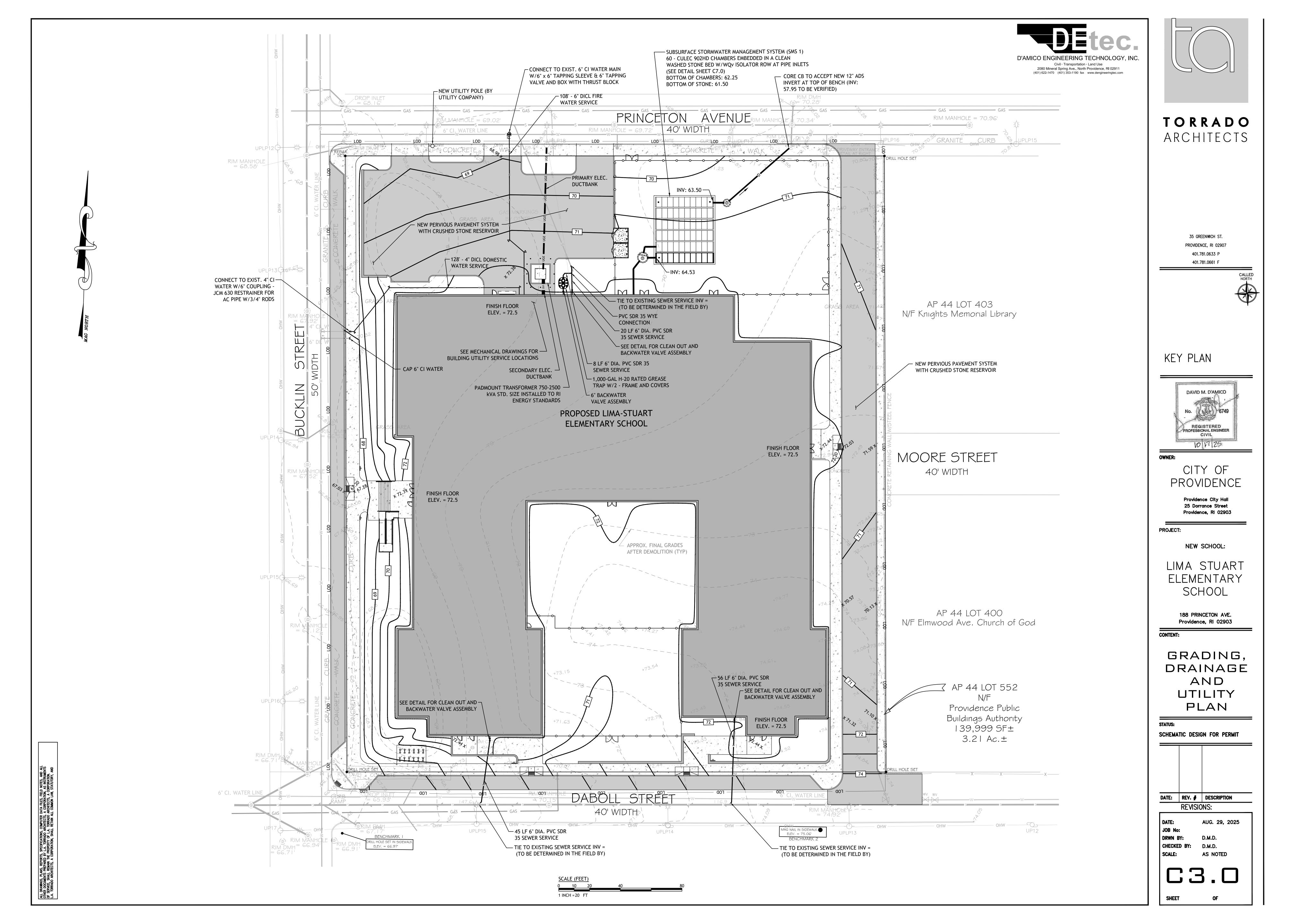
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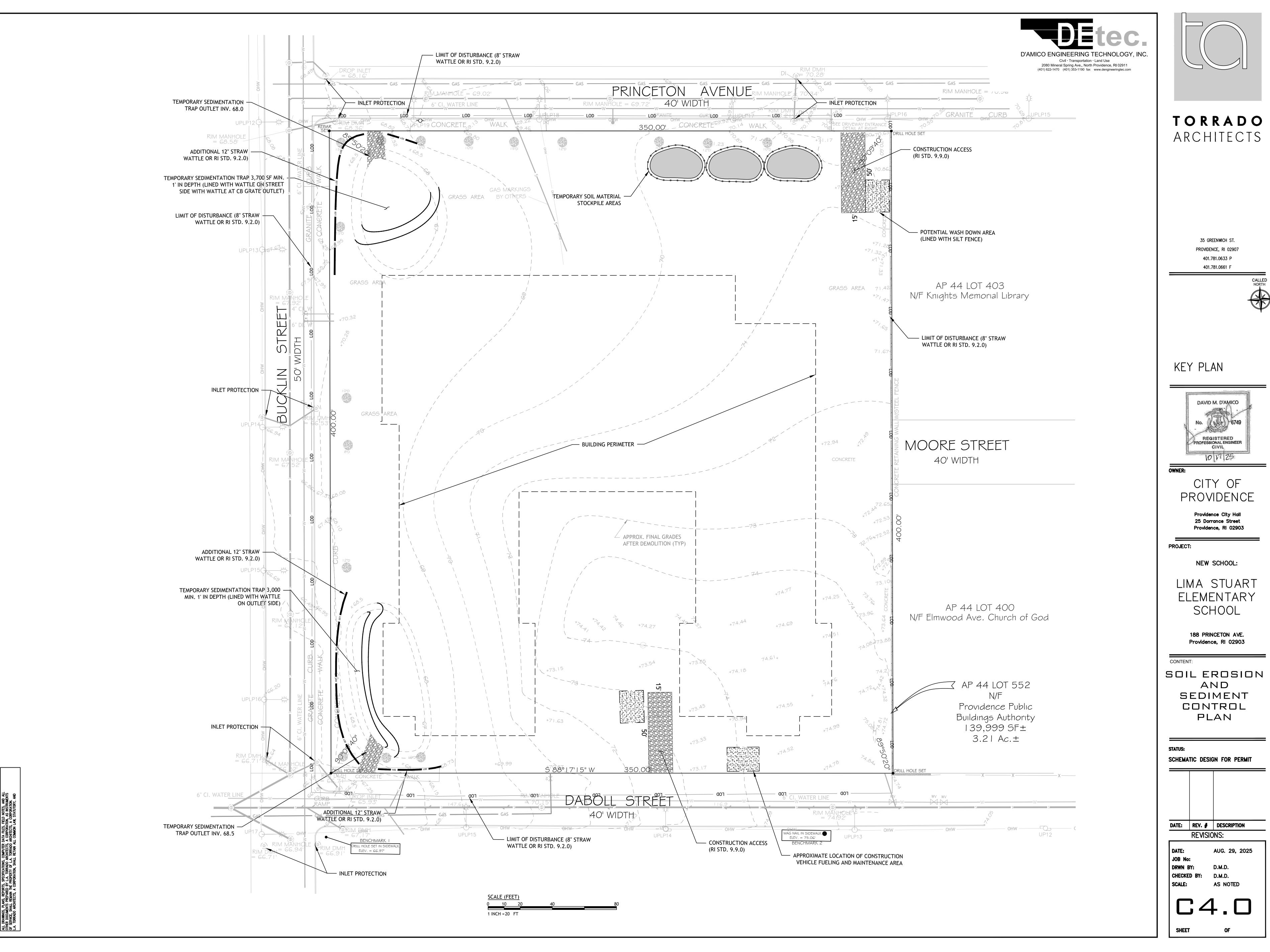
L DRAWINGS, PLANS, REPORTS, SPECIFICATIONS, COMPUTER DATA FILES, FIELD NOTES, AND ALL HER DOCUMENTS PREPARED BY L.A. TORRADO ARCHITECTS, A CORPORATION, AS INSTRUMENTS SERVICE. SHALL REMAIN THE PROPERTY OF L.A. TORRADO ARCHITECTS. A CORPORATION.

ADDENDA).

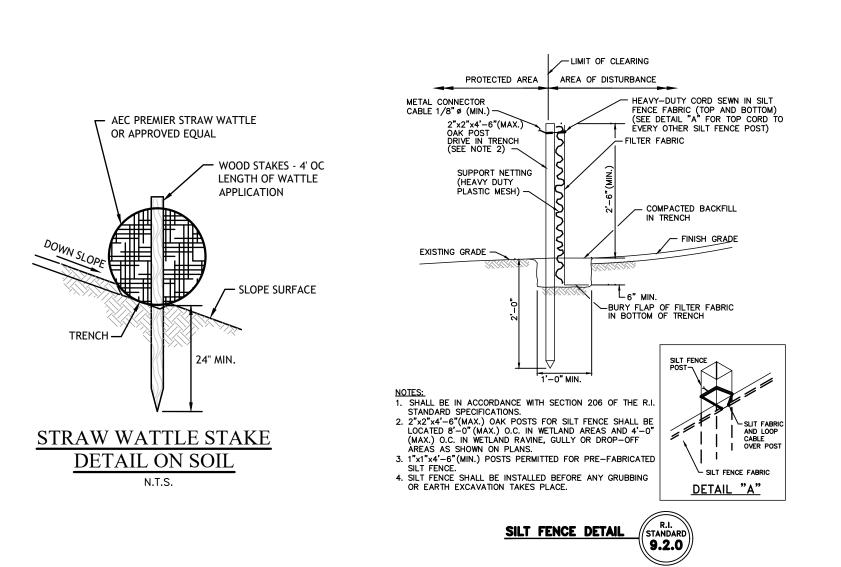


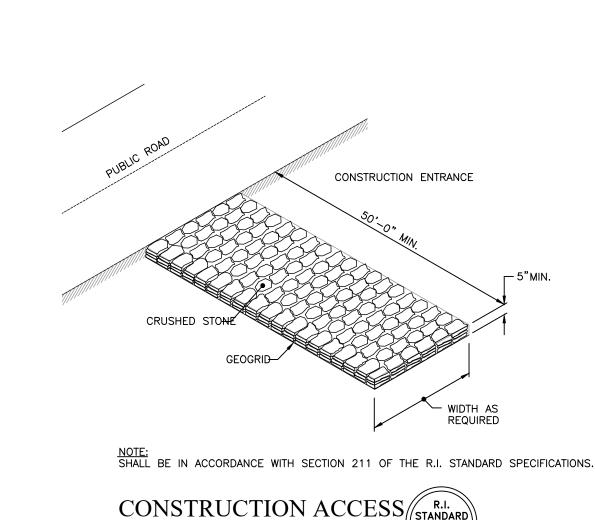


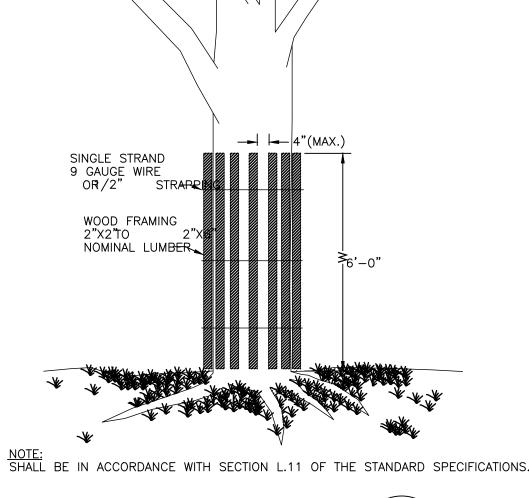


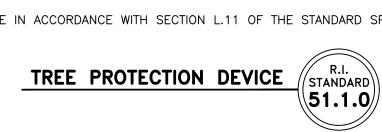


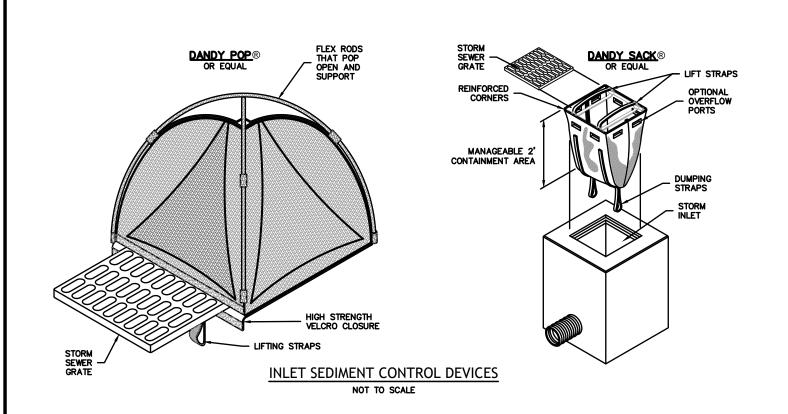


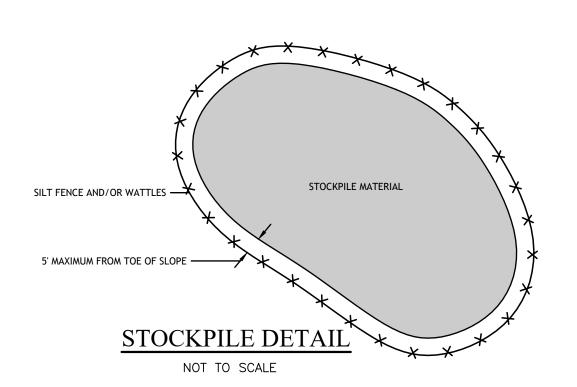


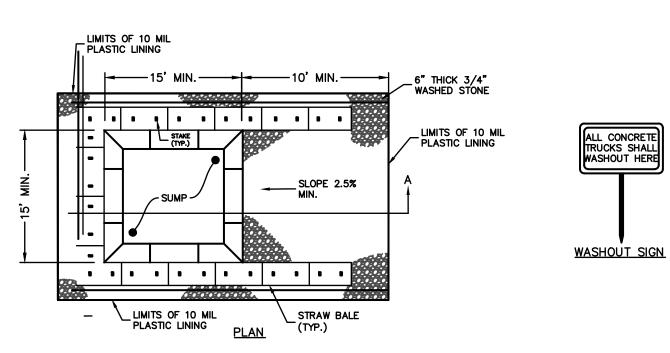


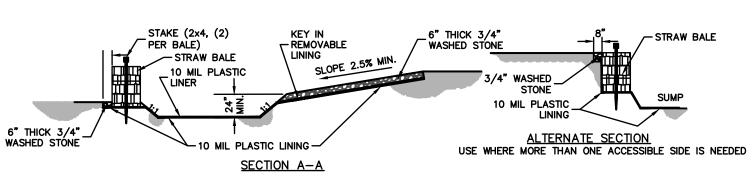












1. PIT IS SPECIFICALLY DESIGNATED, DIKED AND CONTAINED TO PREVENT CONTACT BETWEEN CONCRETE WASH AND STORMWATER. 2. WASH WATER SHALL NOT BE ALLOWED TO FLOW TO SURFACE WATER. 3. FACILITY MUST HOLD SUFFICIENT VOLUME TO CONTAIN CONCRETE WASTE WITH A MINIMUM FREEBOARD OF 4. FACILITY SHALL NOT BE FILLED BEYOND 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 6. CONCRETE WASHOUTS SHALL BE LOCATED A MINIMUM OF 100' FROM DRAINAGE WAYS, INLETS, & SURFACE 7. MANUFACTURED CONCRETE WASHOUT DEVICES MAY BE USED IF REMOVED FROM THE SITE WHEN AT 95%

> CONCRETE WASHOUT AREA (NOT TO SCALE)

# Figure 5- 76 Minimum Top Width (w) Required for Temporary Sediment Trap Embankments According to Height of

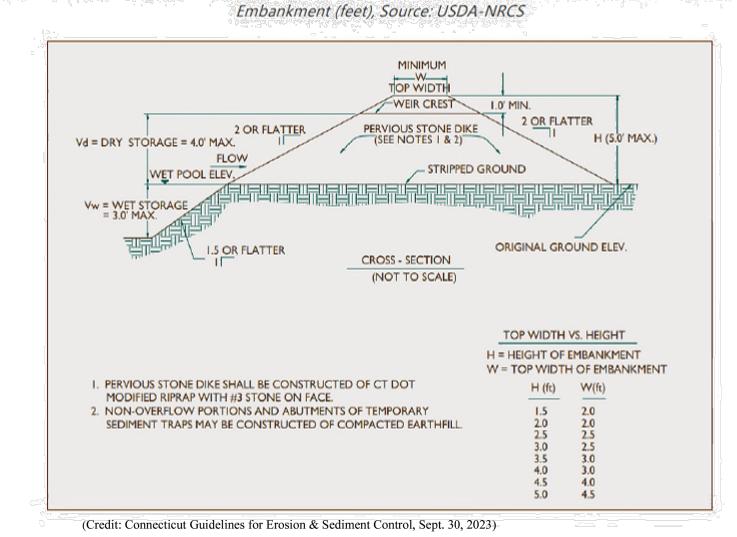
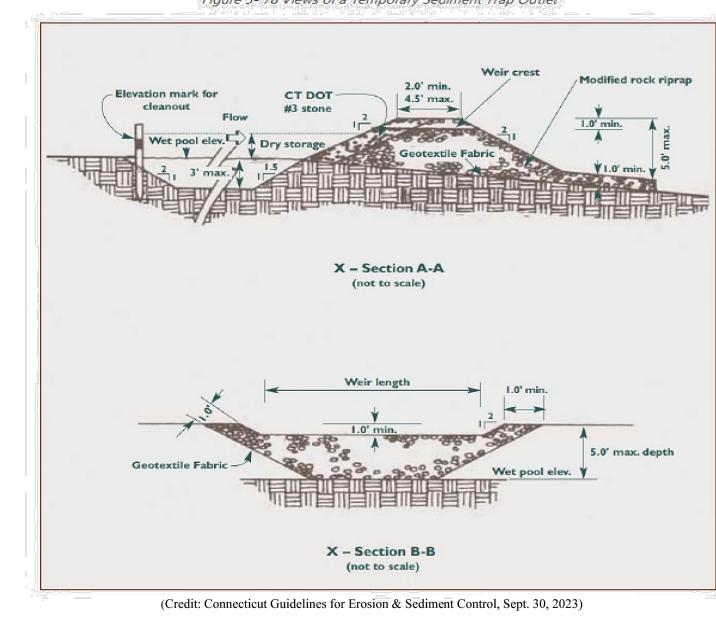


Figure 5- 78 Views of a Temporary Sediment Trap Outlet



TEMPORARY SEDIMENT TRAP DETAIL

#### **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.
- 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
- 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.



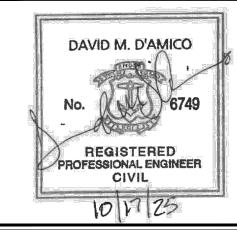
Civil · Transportation · Land Use 2080 Mineral Spring Ave., North Providence, RI 02911 401) 622-1470 (401) 353-1190 fax www.dengineeringtec.com

> TORRADO ARCHITECTS

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



KEY PLAN



CITY OF PROVIDENCE

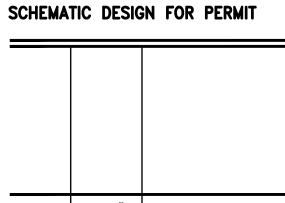
> Providence City Hall 25 Dorrance Street

**NEW SCHOOL:** 

LIMA STUART ELEMENTARY SCHOOL

> 188 PRINCETON AVE. Providence, RI 02903

SOIL EROSION AND SEDIMENT CONTROL DETAILS

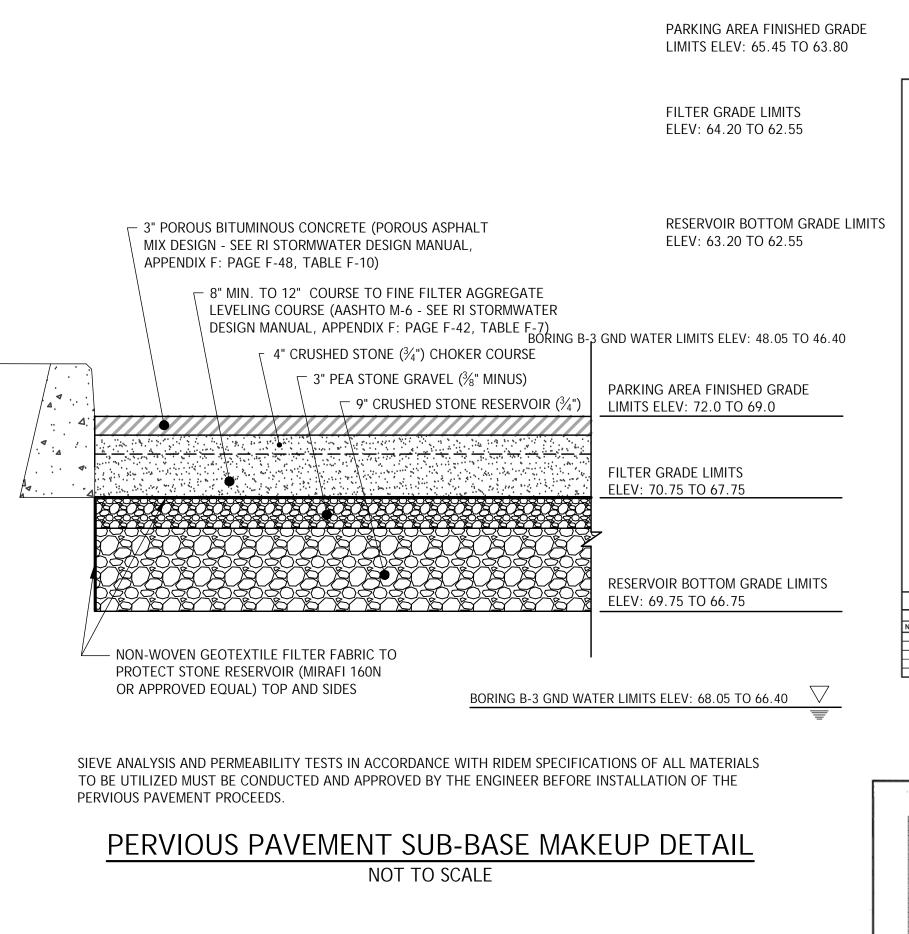


DATE: REV. # DESCRIPTION **REVISIONS:** 

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



AS NOTED



- 1 1/2" BIT. CONC. SURFACE COURSE (MODIFIED CLASS 12.5 HMA) (ALL LOCATION OUTSIDE PERVIOUS AREAS)

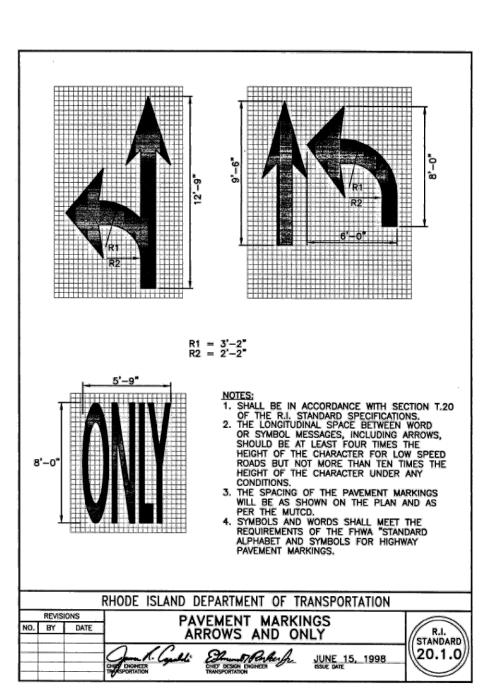
2" BIT. CONC. BASE COURSE (CLASS 19 HMA) (ALL LOCATION OUTSIDE PERVIOUS AREAS)

12" GRAVEL BORROW SUBBASE (AS REQUIRED FOR RE-SURFACED AREAS)

NOTE: SEE SITE PLAN FOR SPECIFIC PAVEMENT MAKEUP DEPTHS

PAVEMENT CROSS SECTION - ON-SITE

NOT TO SCALE



6'-0" NORMAL

1/2"øx4"EPOXY COATED DOWEL

CIRCULAR CURB

NOTES:

1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.

2. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR FILLER PIECES TO BE 3'-0".

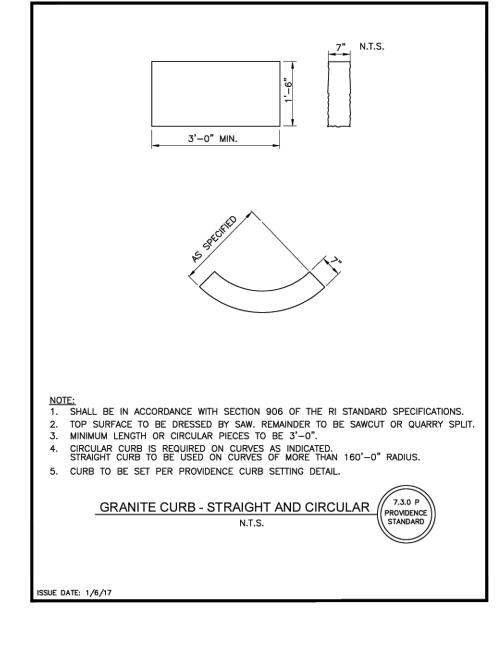
3. EXPOSED SURFACES TO HAVE A SPONGE FLOAT FINISH.

4. CIRCULAR CURB IS REQUIRED ON CURVES WITH RADII OF 160'-0" OR LESS. STRAIGHT CURB TO BE USED ON CURVES OF MORE THAN 160'-0"RADIUS.

5. EXPOSED EDGES TO HAVE A 3/4" CHAMFER.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE CURB



USE BRACING FOR SIGN WIDTH EQUAL TO OR GREATER THAN 3'-0"

4'-0" MIN. FOR SIGN WIDTHS 6'-0" AND GREATER

(1) 4 LB./FT. RIB-BAK U-CHANNEL SIGN POST

RECOMMENDED TORQUE VALUES: BOLTS TO THREADED BAR SPACER

DIRECTION OF TRAFFIC

FRONT VIEW RIGHT SIDE VIEW
DETAIL "A"

JUNE 15, 1998

SELF-LOCKING FLANGE NUT TO BOLTS 20 FT, LBS.

SIGNS UP TO 28 SQ. FT.

TOP VIEW

STALLATION PROCEDURE:

REMOVE A SPADE FULL OF SOIL (APPROXIMATELY 2" DEEP) FROM WHERE THE BASE POST WILL BE LOCATED.

DRIVE THE BASE POST IN THE CENTER OF THE HOLE JUST CREATED, TO WITHIN 4" OF GRADE LEVEL.

PLACE ONE BOLT AND FLAT WASHER IN THE TOP HOLE OF THE BASE POST, (IF THE TOP HOLE ON THE BASE POST, OR

THE BOTTOM HOLE ON THE TOP POST IS LESS THAN 3/4" FROM END OF THE POST USE THE SECOND AND SIXTH HOLES

WITH THE THERADED BASE PARGER ALLONED WITH TOP HOLE ON THE BACK SIDE OF THE BASE POST, SECURELY TIGHTEN

THE BOLT TO 20 FT. LBS. OF TORQUE. REPEAT THIS PROCESS FOR THE LOWER BOLT.

NEST THE TOP POST OWER THE PROTRUDING BOLTS ON THE BASE POST, PLACE A SELF-LOCKING FLANGE NUT ON EACH

BOLT AND TIGHTEN SECURELY TO 20 FT. LBS. OF TORQUE.

REPLACE SOIL REMOVED IN STEP 1.

IN TRIPLE POST INSTALLATIONS USING 4 LB./FT., POSTS IN WEAK SOIL, A 1"-0"W x 6"H SOIL PLATE IS REQUIRED.

E WITH SECTION 1.15 OF THE R.I. STANDARD SPECIFICATIONS.

SPACER IS FOR USE WITH 2, 2.5 AND 2.75 LB\_FT, RIB-BAK POST GRADE SP-80 ONLY.

SPACER IS FOR USE WITH 3 AND 4 LB\_FT. RIB-BAK POST GRADE SP-80 ONLY.

SPACER IS FOR USE WITH 3 AND 4 LB\_FT. RIB-BAK POST GRADE SP-80 ONLY.

SHALL BE IN ACCORDANCE WITH THE MANUFACTURE'S RECOMMENDATIONS.

4 40 SQ. FT., REFER TO STD. 30.1.0, 30.1.1, 30.2.0, 30.2.1, 30.3.0, 30.3.1, 30.4.0, 30.4.1,

(1) 4 LB./FT. RIB-BAK U-CHANNEL SIGN POST

(SEE DETAIL "A")

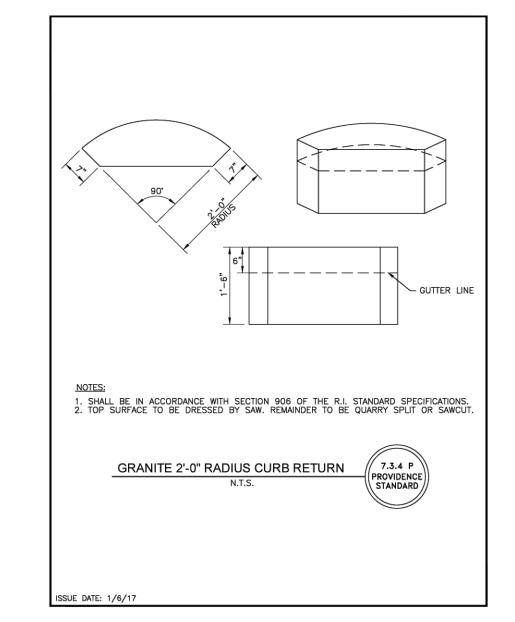
SIGNS UP TO 12 SQ. FT.

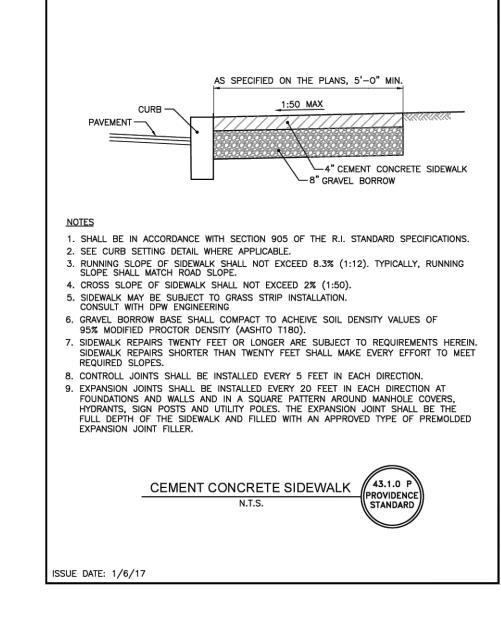
6"MIN. (TYP.)------

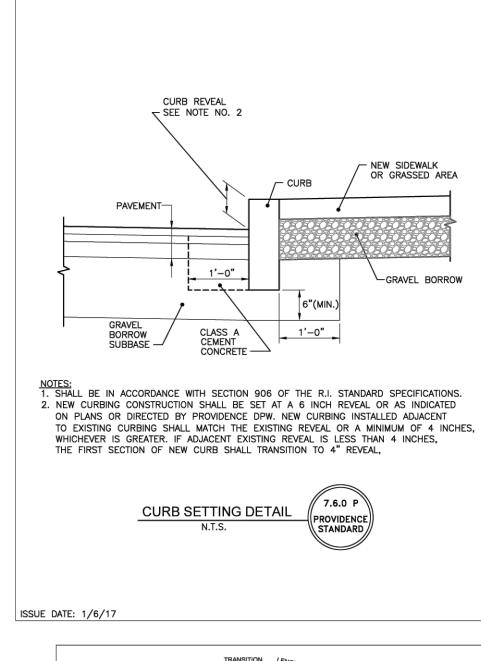
ROADWAY-\

BASE POST TO BE SAME WEIGHT PER FOOT AS TOP POST (4"-6" LENGTH)

SIGNS UP TO 40 SQ. FT.



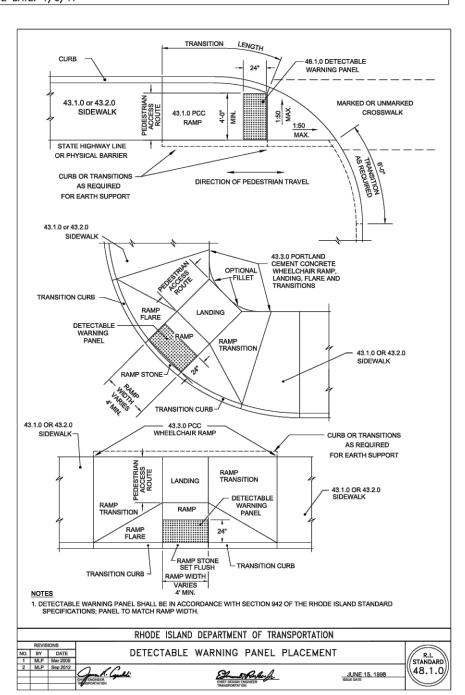


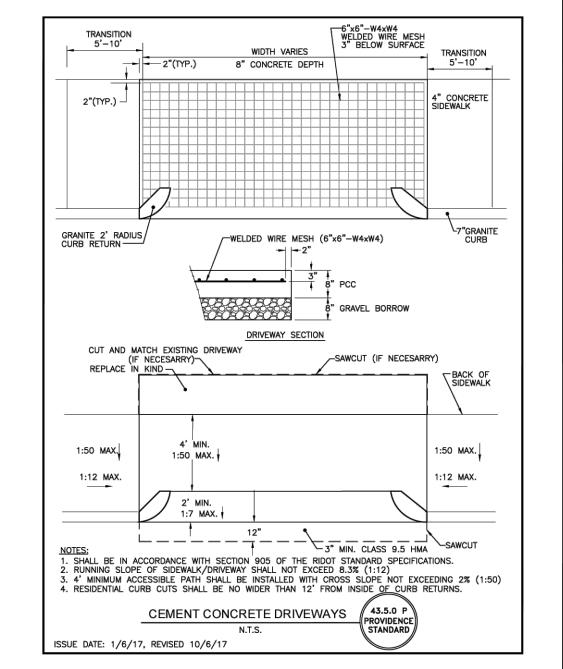


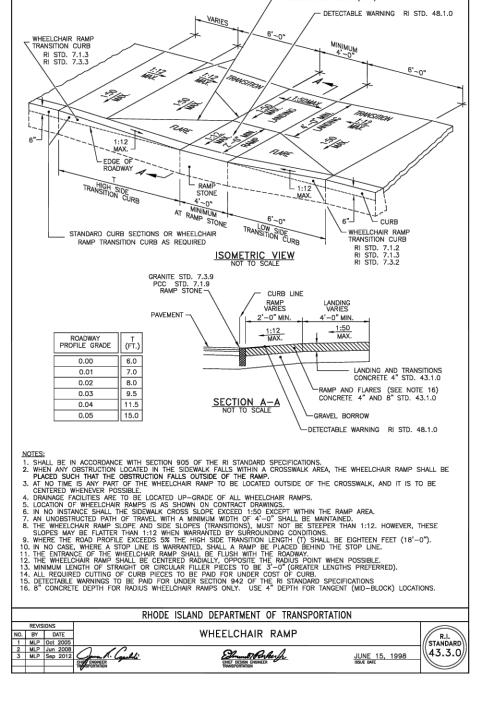
D'AMICO ENGINEERING TECHNOLOGY, INC.

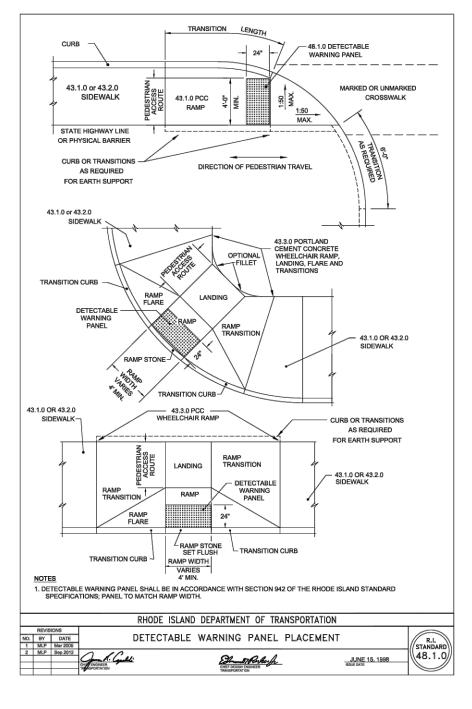
Civil Transportation Land Use

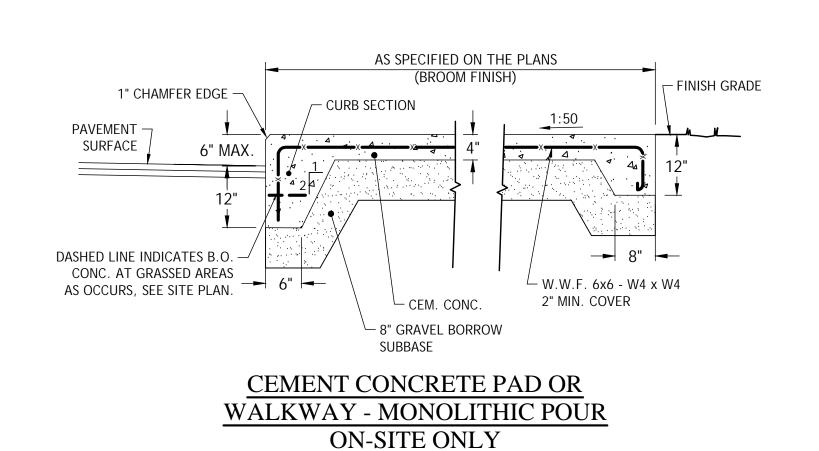
2080 Mineral Spring Ave., North Providence, RI 02911 (401) 622-1470 (401) 353-1190 fax www.dengineeringtec.com



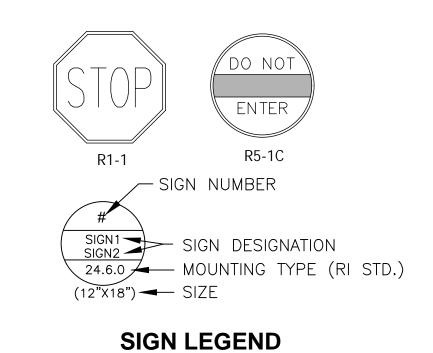


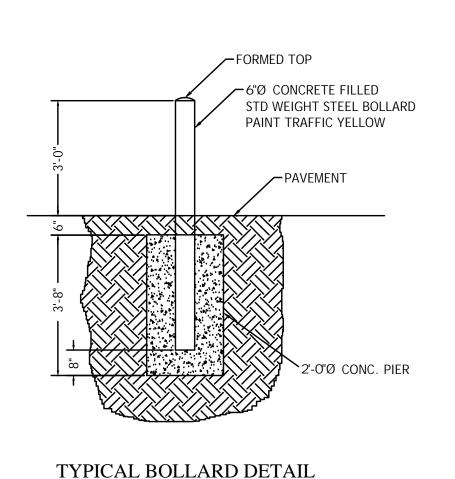


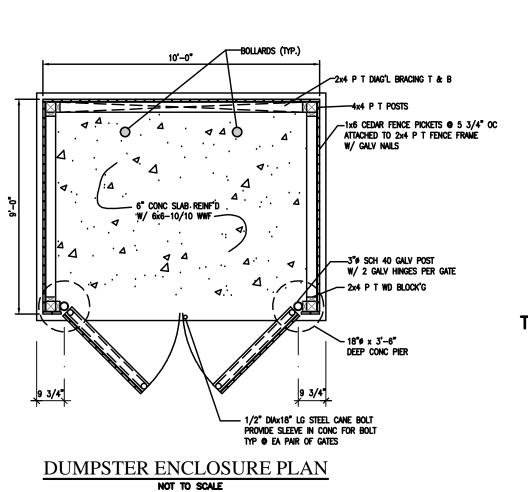


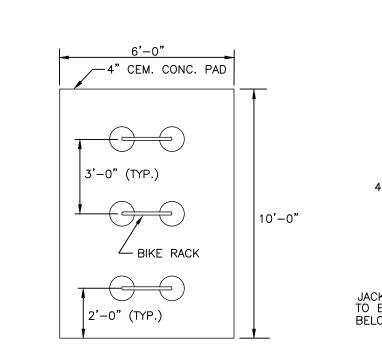


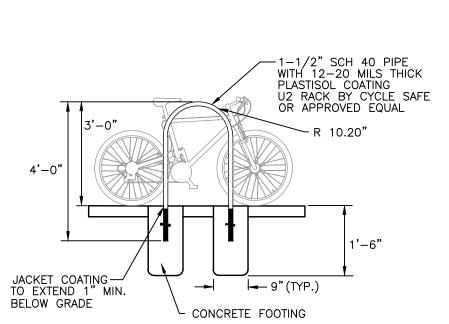
NTS





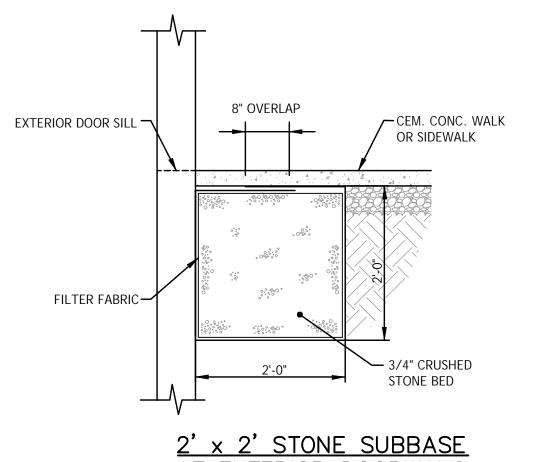




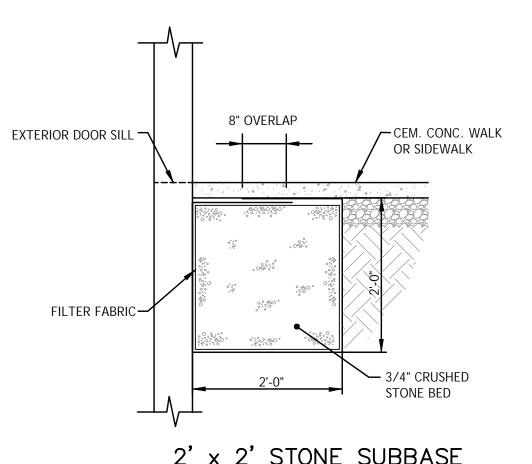


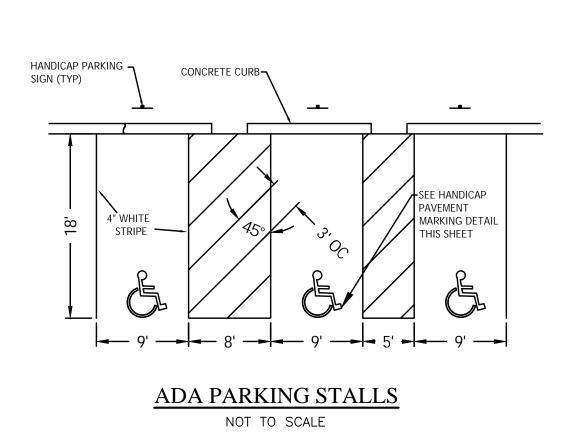
TYPICAL SIX BIKE RACK LAYOUT PLAN

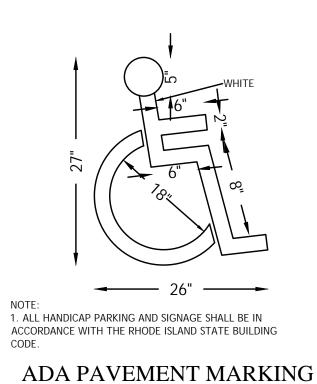
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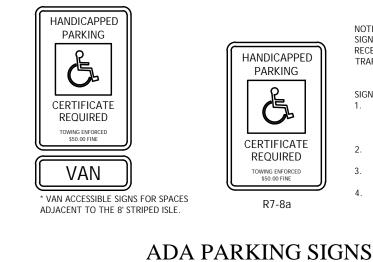
TYPICAL BIKE RACK DETAIL



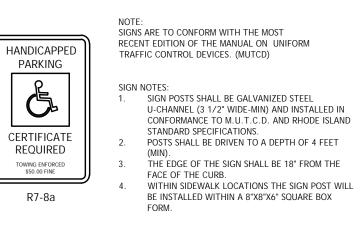




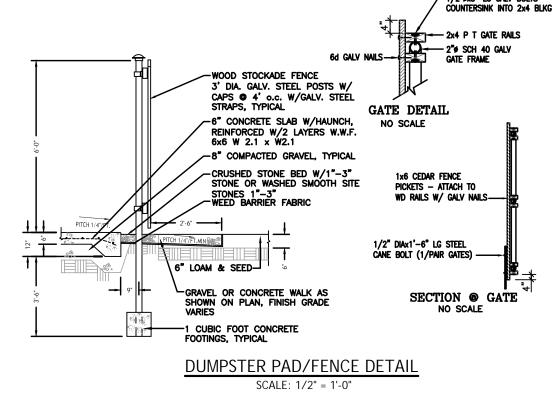
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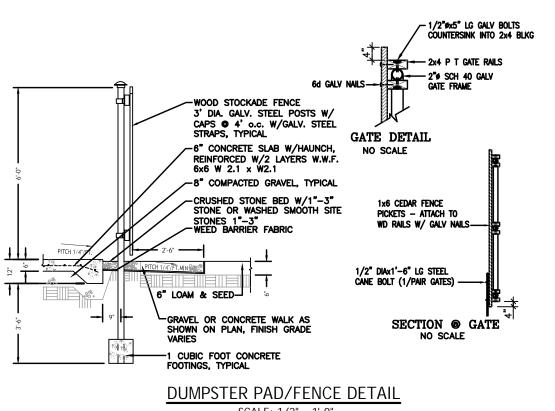


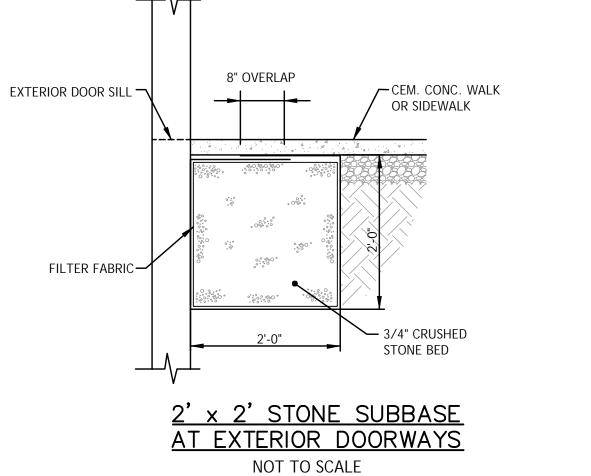
NOT TO SCALE



NOT TO SCALE





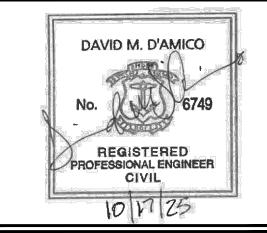


TORRADO ARCHITECTS

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



KEY PLAN



OWNER:

PROVIDENCE

Providence City Hall 25 Dorrance Street Providence, RI 02903

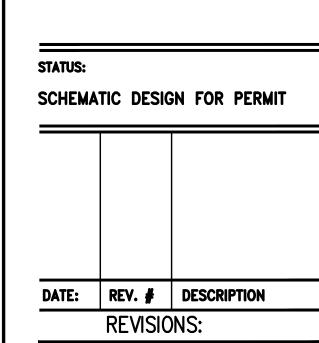
**NEW SCHOOL:** 

LIMA STUART **ELEMENTARY** SCHOOL

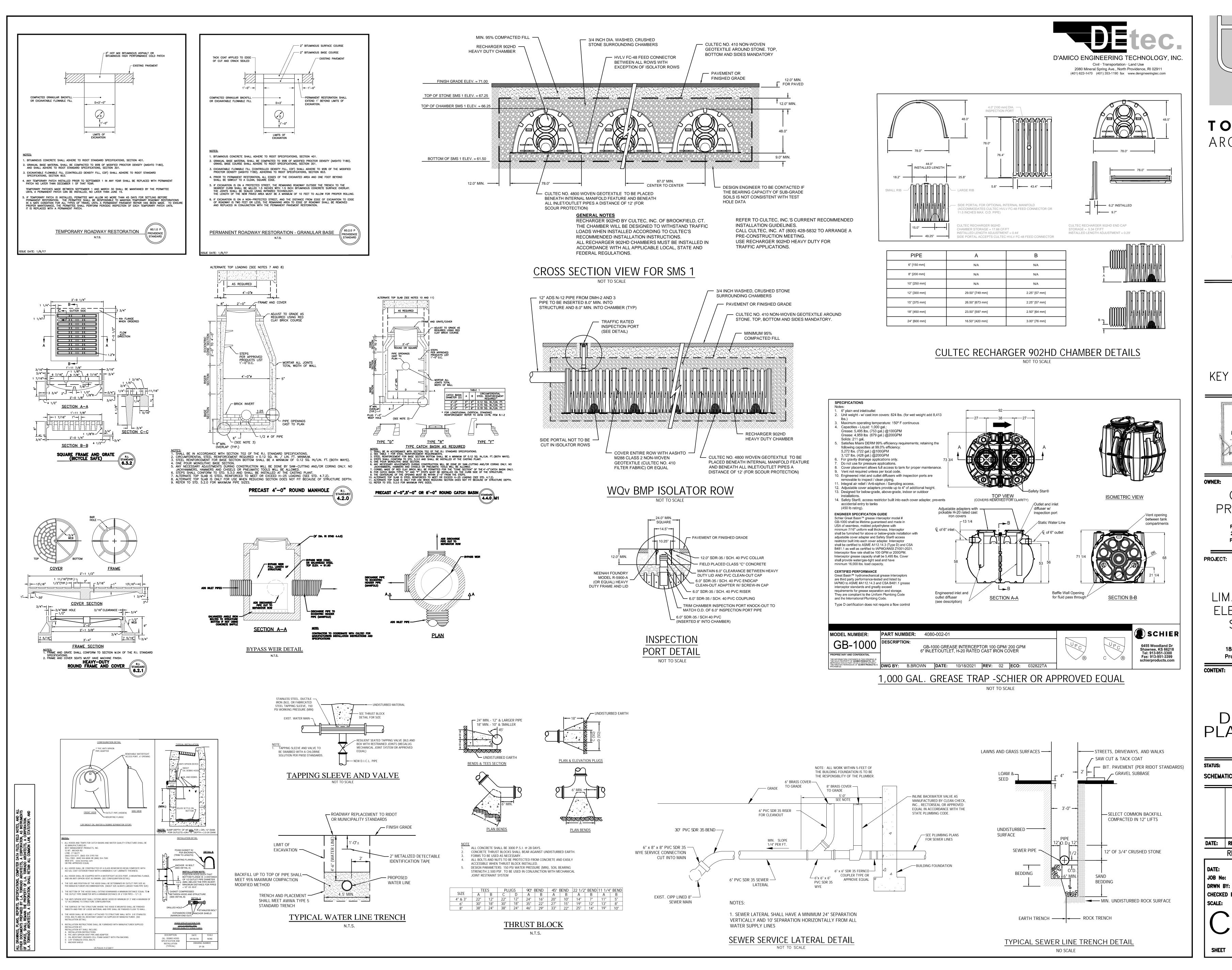
> 188 PRINCETON AVE. Providence, RI 02903

CONTENT:

SITE PLAN NO.



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



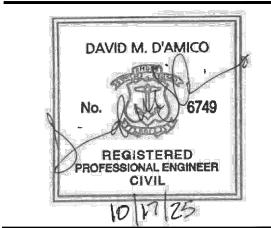


TORRADO ARCHITECTS

> 35 GREENWICH ST. PROVIDENCE, RI 02907 401.781.0633 P

> > 401.781.0661 F

KEY PLAN



Providence City Hall 25 Dorrance Street Providence, RI 02903

PROJECT:

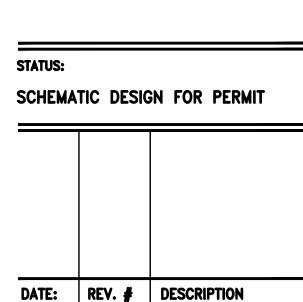
**NEW SCHOOL:** 

LIMA STUART ELEMENTARY SCHOOL

188 PRINCETON AVE. Providence, RI 02903

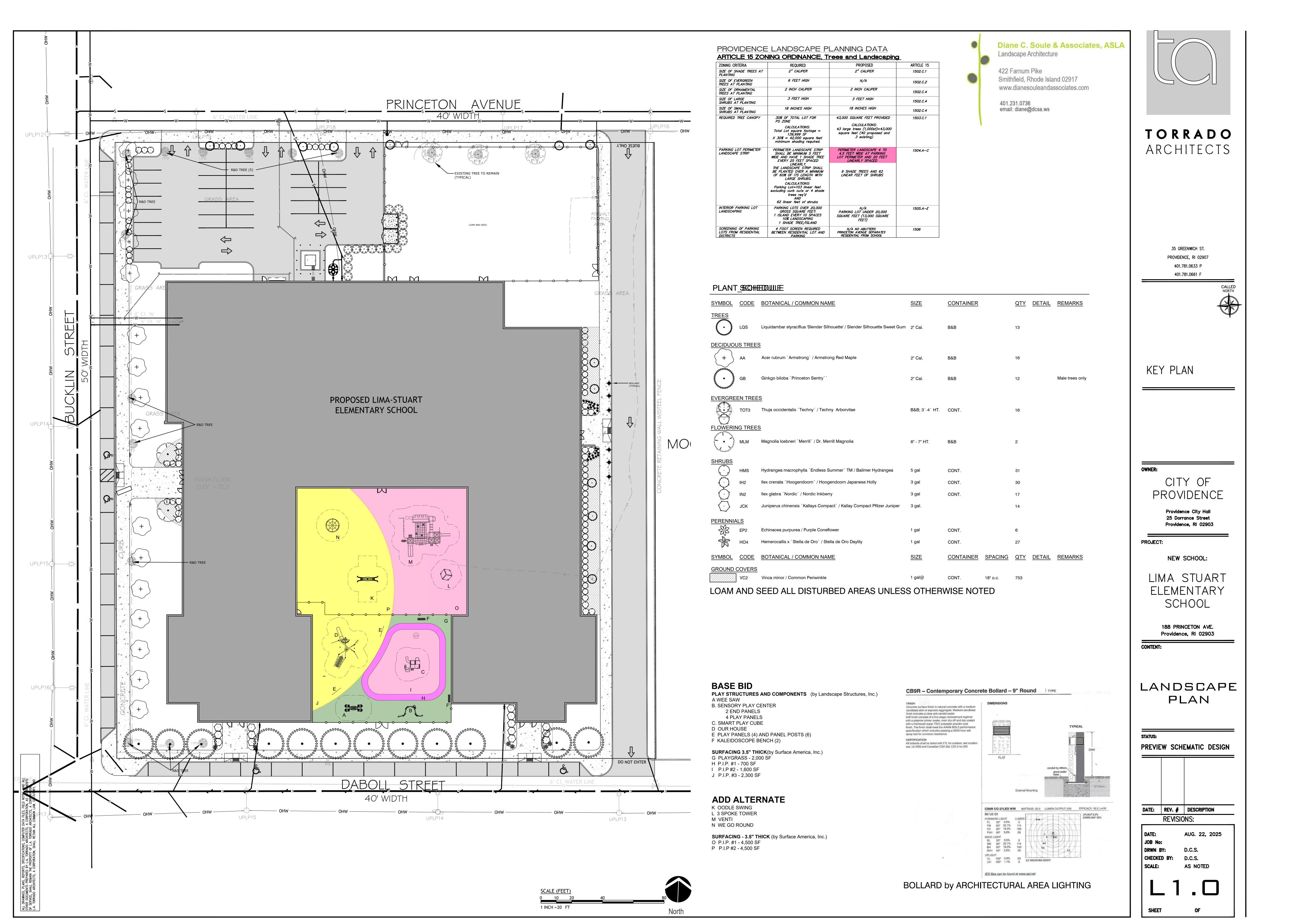
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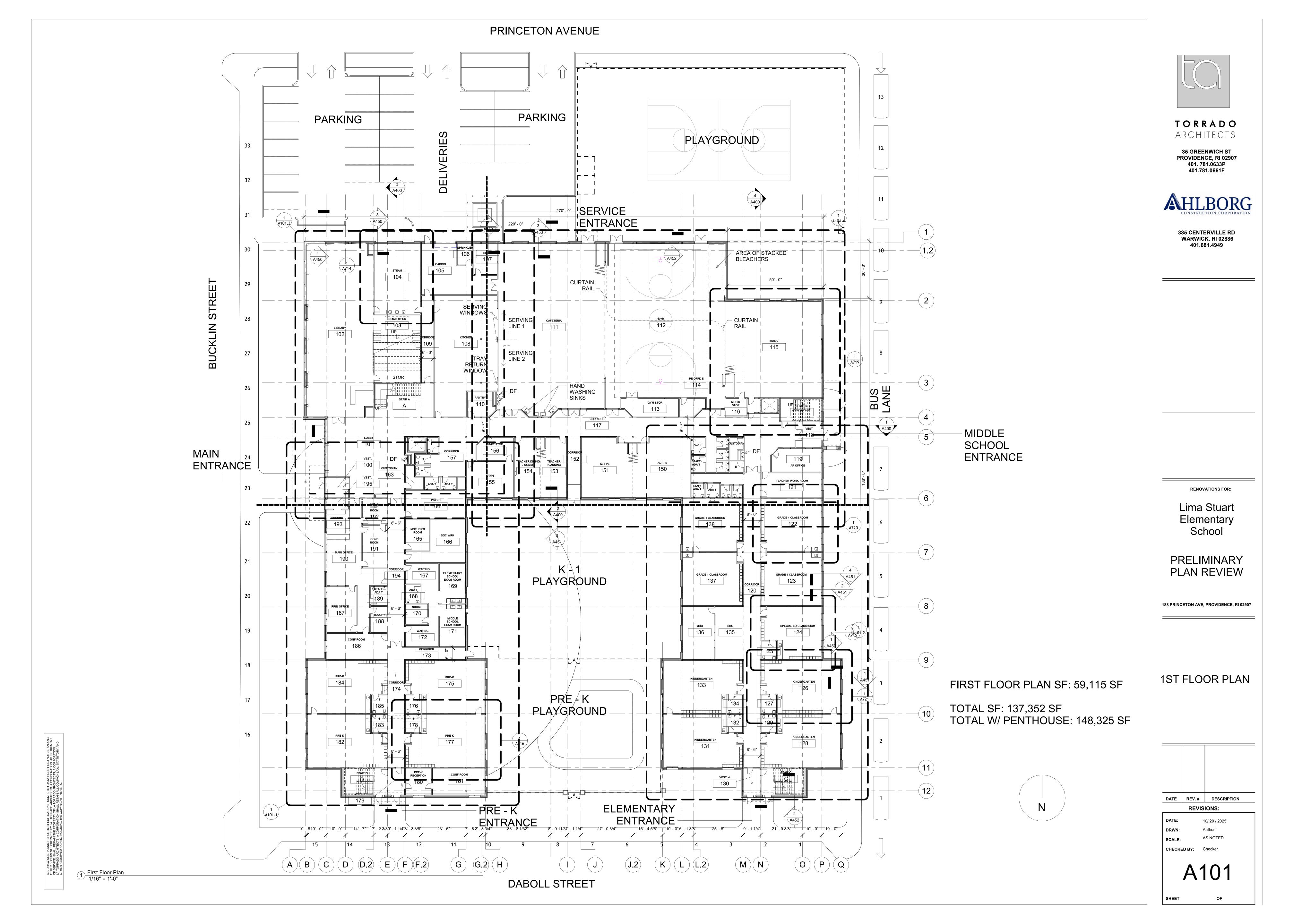
SITE DETAILS PLAN NO. 2



**REVISIONS:** AUG. 29, 2025

D.M.D. CHECKED BY: D.M.D. AS NOTED







1. BUCKLIN ST.



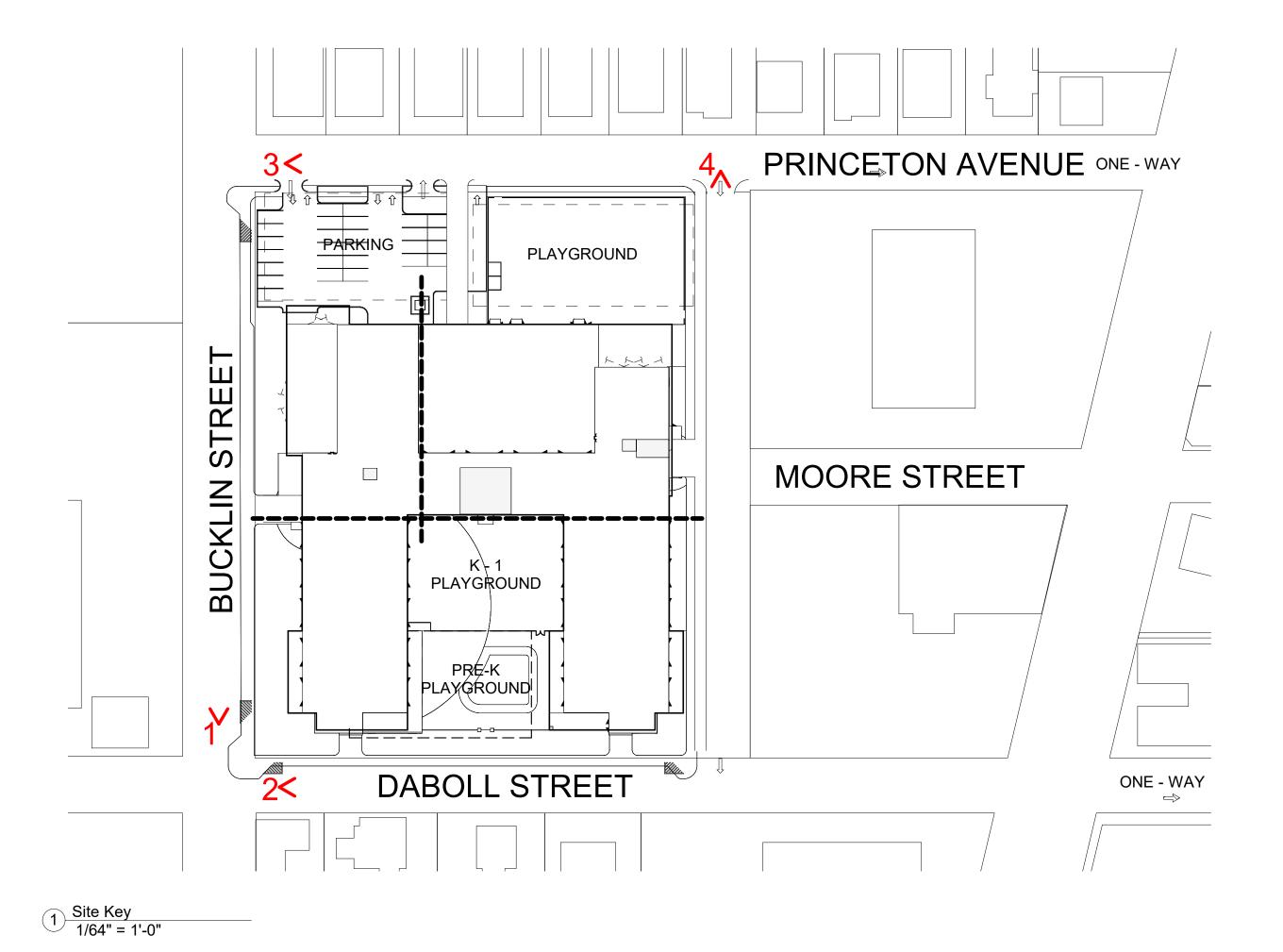
2. DABOLL ST



3. PRINCETON AVE



4. BUS LANE LOCATION







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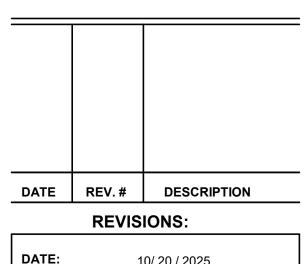
RENOVATIONS FO

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PRELIMINARY PLAN REVIEW

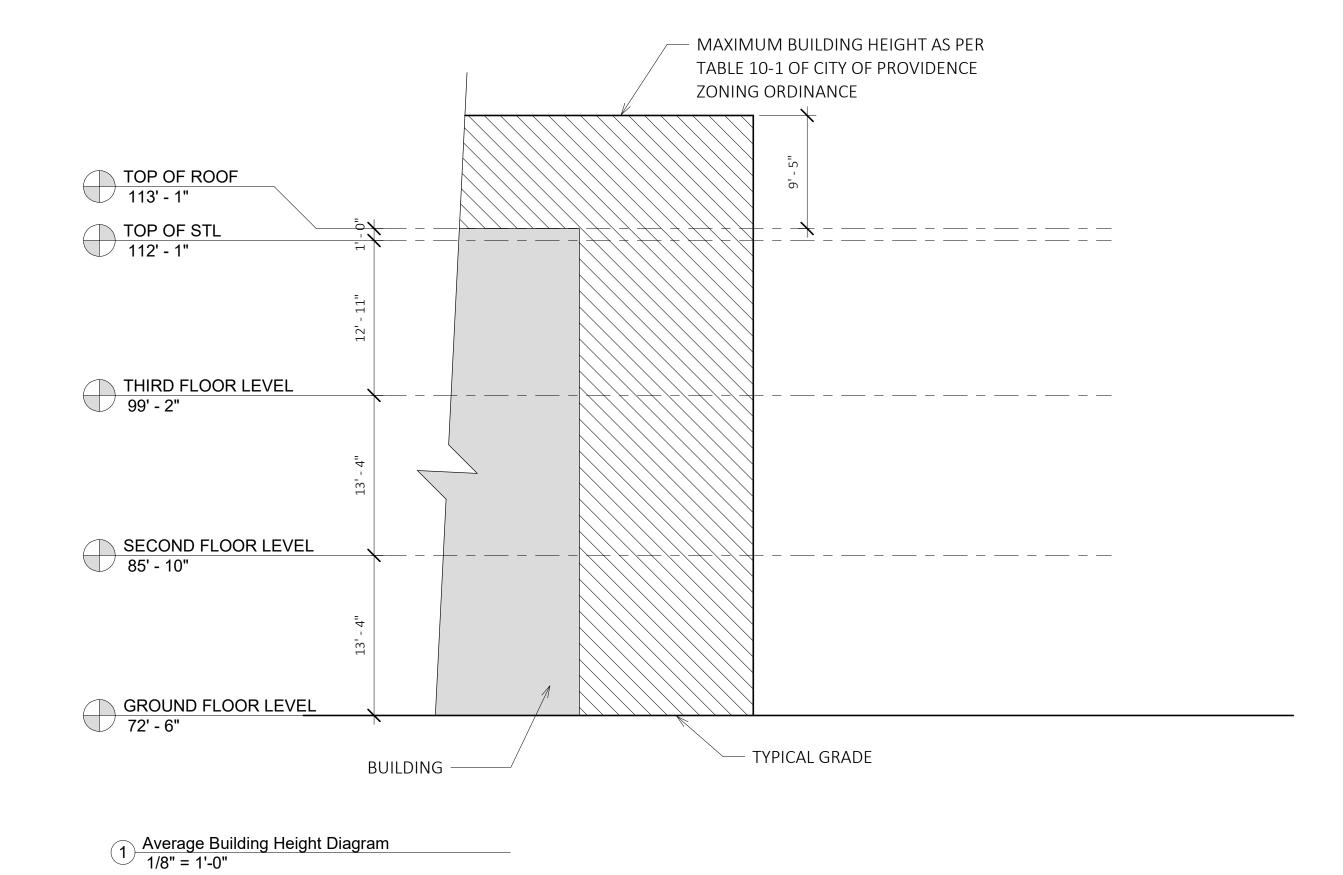
188 PRINCETON AVE, PROVIDENCE, RI 02

SITE PHOTOS



DRWN: Author
SCALE: AS NOTE
CHECKED BY: Checker

TABLE 10-1: OPEN SPACE AND PUBLIC SPACE DISTRICT DIMENSIONAL STANDARDS			
	OS	PS	
BULK STANDARDS			
MINIMUM LOT AREA	0	0	
MINIMUM LOT WIDTH	0	0	
MAXIMUM BUILDING HEIGHT	50'	50'	
MINIMUM SETBACK REQUIREMENTS			
FRONT SETBACK	10'	10'	
INTERIOR SETBACK	6'	6'	
CORNER SETBACK	10'	10'	
REAR SETBACK	25'	25'	



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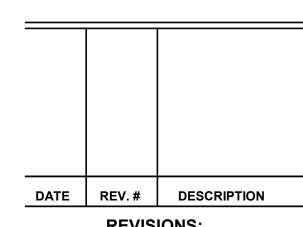
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BUILDING HEIGHT DIAGRAM



REVISIONS:

10/ 20 / 2025

RWN: Author

AS NOTED

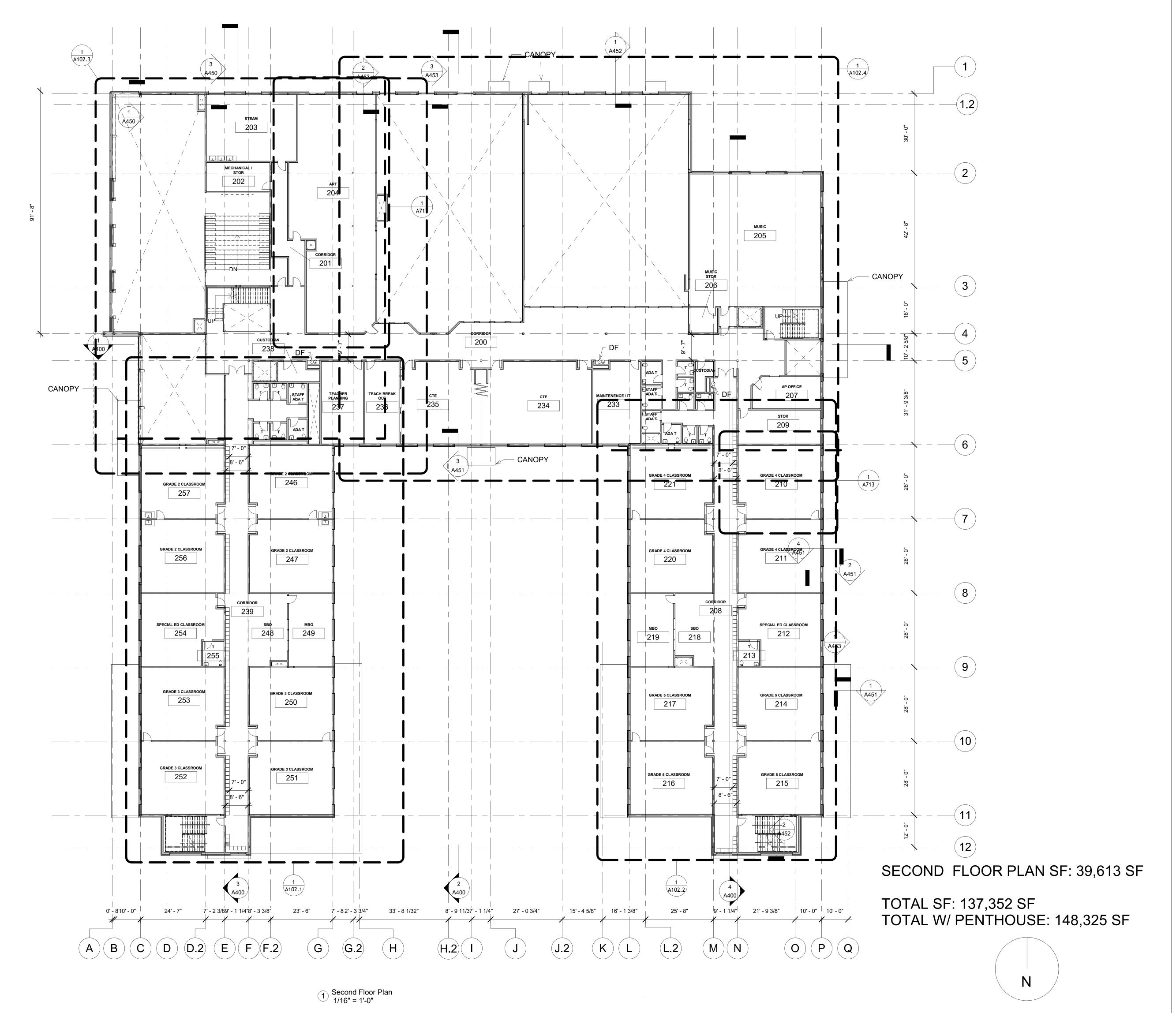
CHECKED BY: Checker

**ALTERNATE OPTION:** 

EACH CLASSROOM

GRADE 3 AND HIGHER

WILL HAVE A SINK





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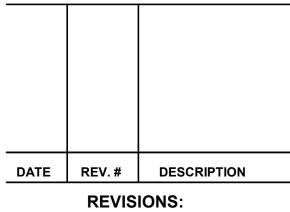
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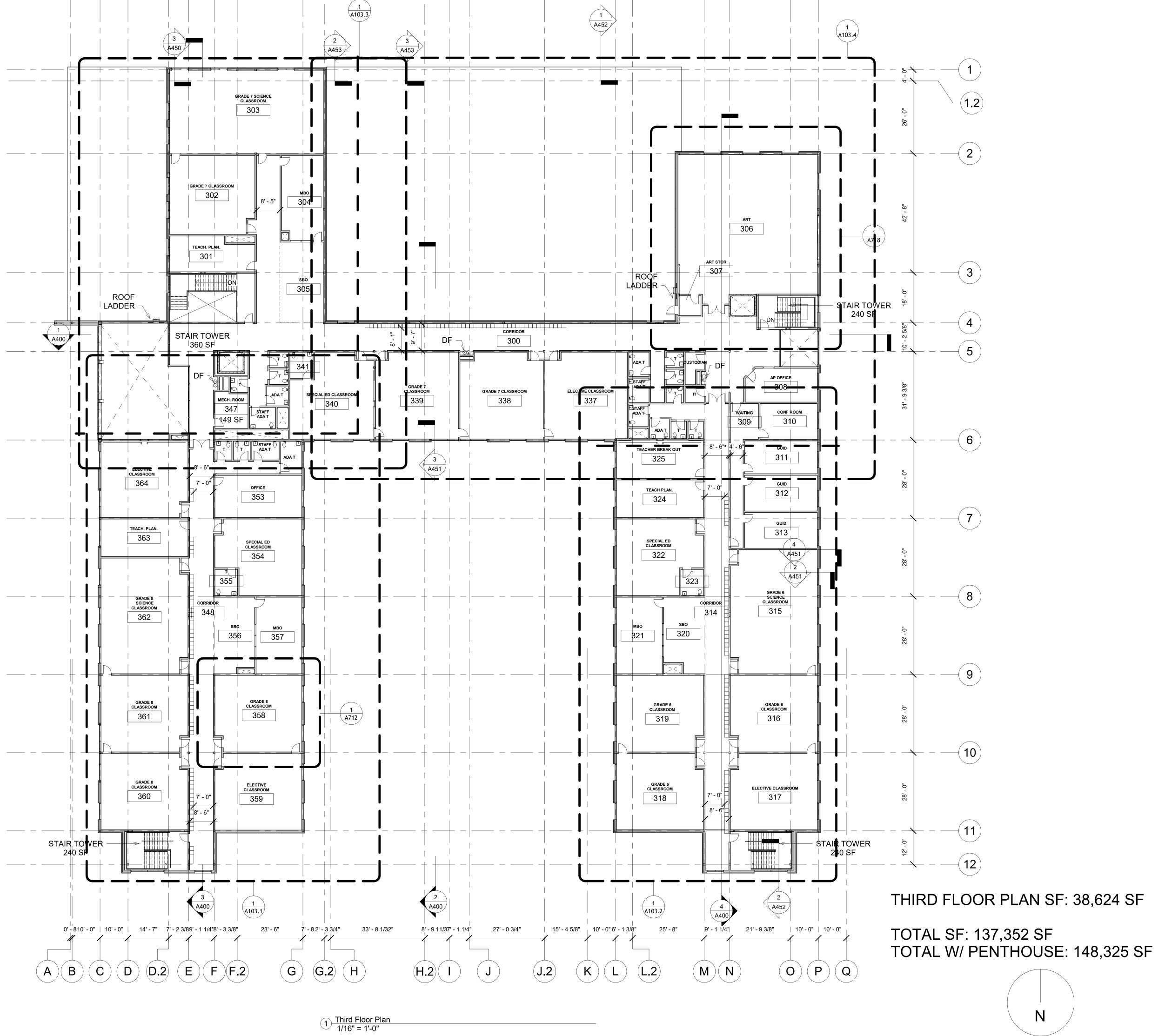
2ND FLOOR PLAN



AS NOTED

CHECKED BY: Checker

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





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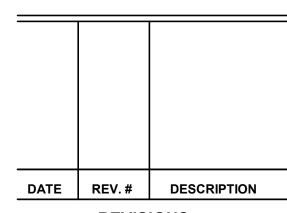
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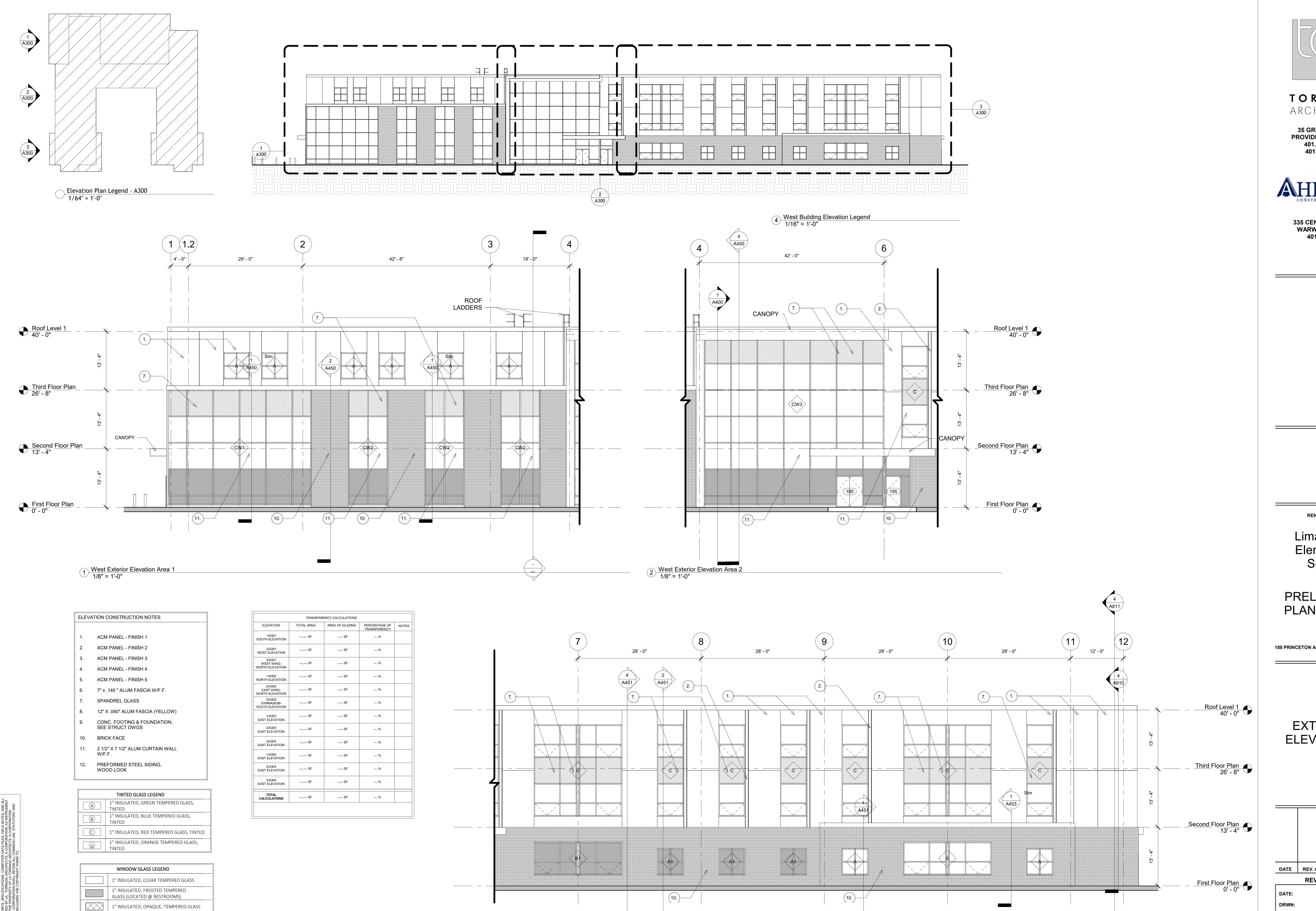
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3RD FLOOR PLAN



**REVISIONS:** 

AS NOTED CHECKED BY: Checker



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

1" INSULATED, TINTED TEMPERED GLASS

1" BULLET RESISTANT GLASS TINTED - COLOR

1" SPANDREL GLASS - COLOR TO BE

TO BE SELECTED BY ARCHITECT

SELECTED BY ARCHITECT



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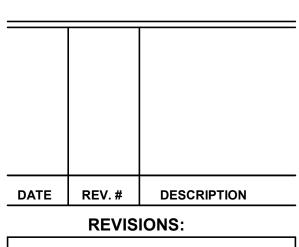
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188 PRINCETON AVE, PROVIDENCE, RI 02907

EXTERIOR ELEVATIONS



REVISIONS:

10/ 20 / 2025

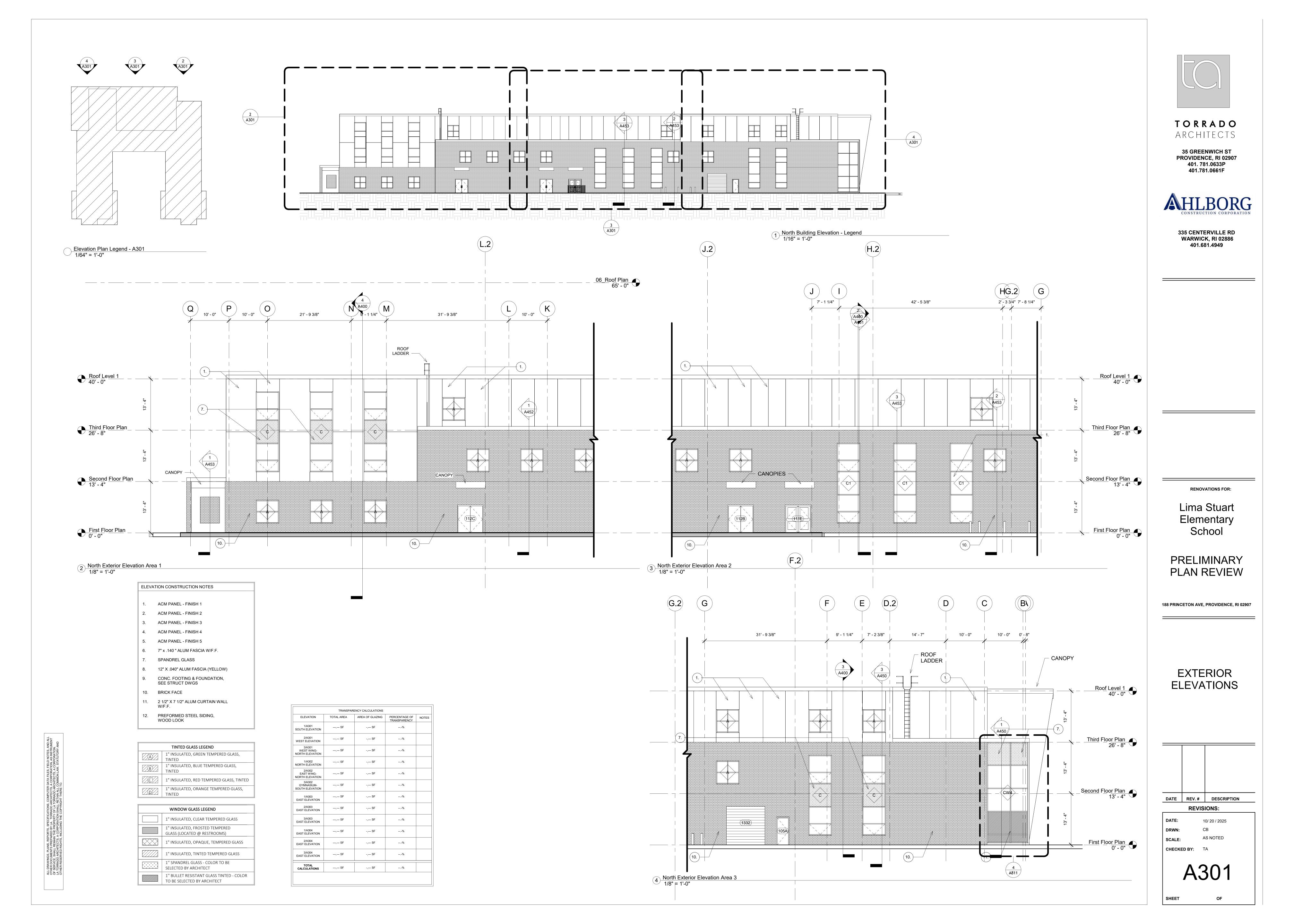
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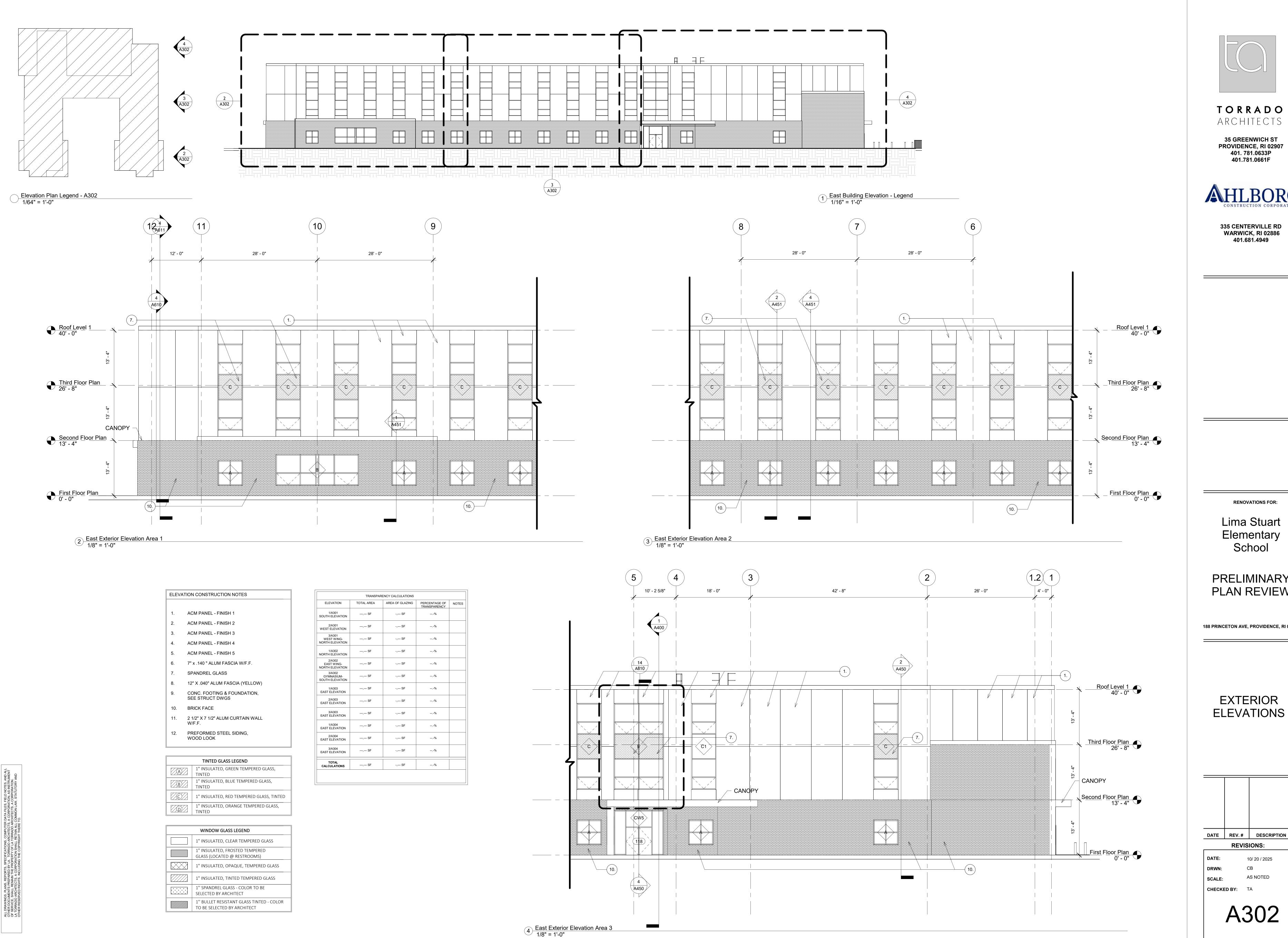
SALE: AS NOTED

A300

EET

CHECKED BY: TA







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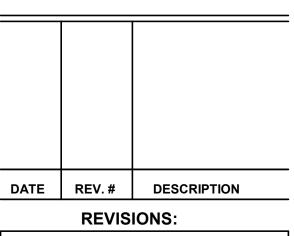
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# PRELIMINARY PLAN REVIEW

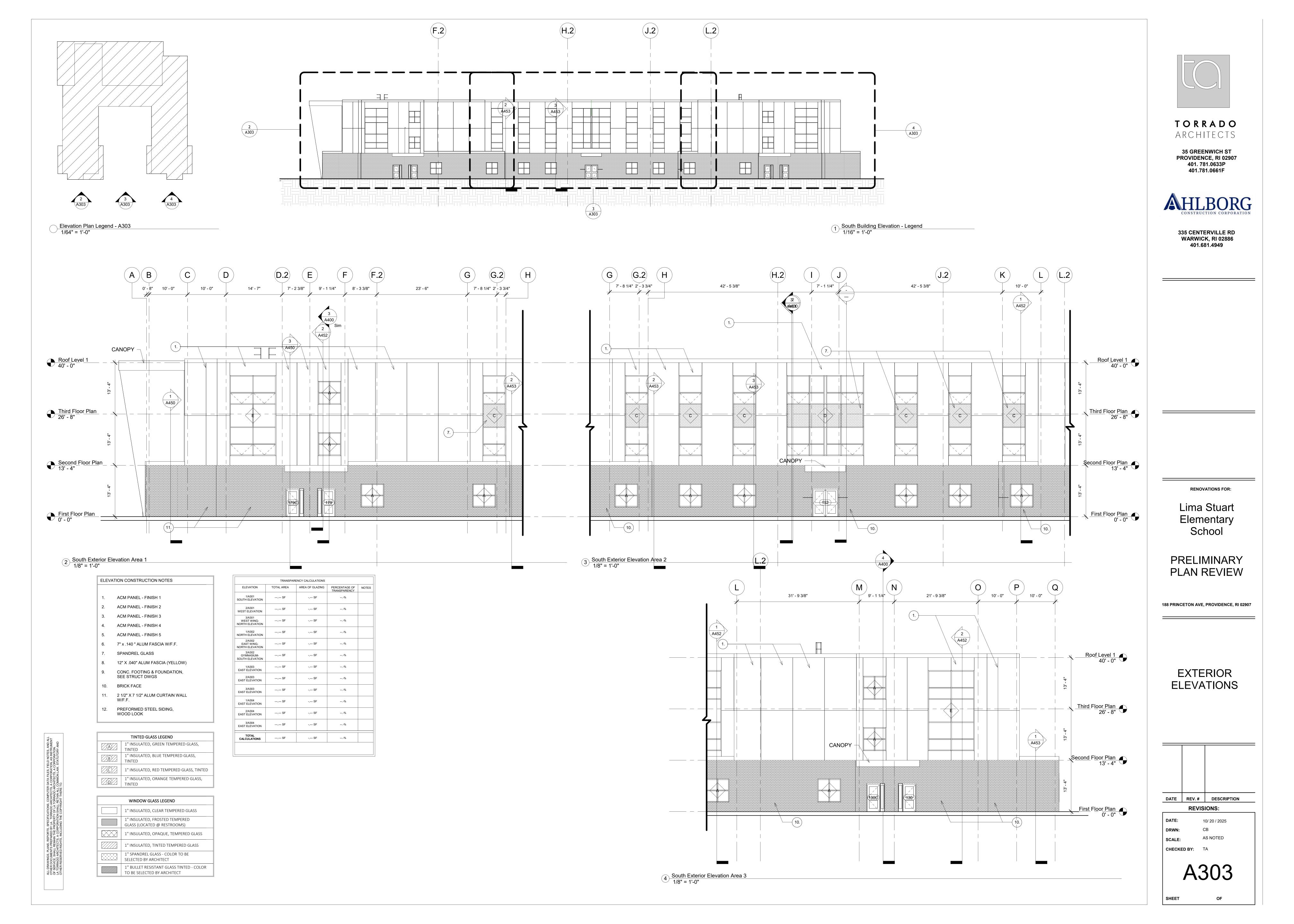
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# **EXTERIOR**



10/ 20 / 2025 CB AS NOTED

SHEET



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

#### ELEVATION CONSTRUCTION NOTES

- 2. ACM PANEL YELLOW FINISH

ACM PANEL, WOOD GRAIN FINISH

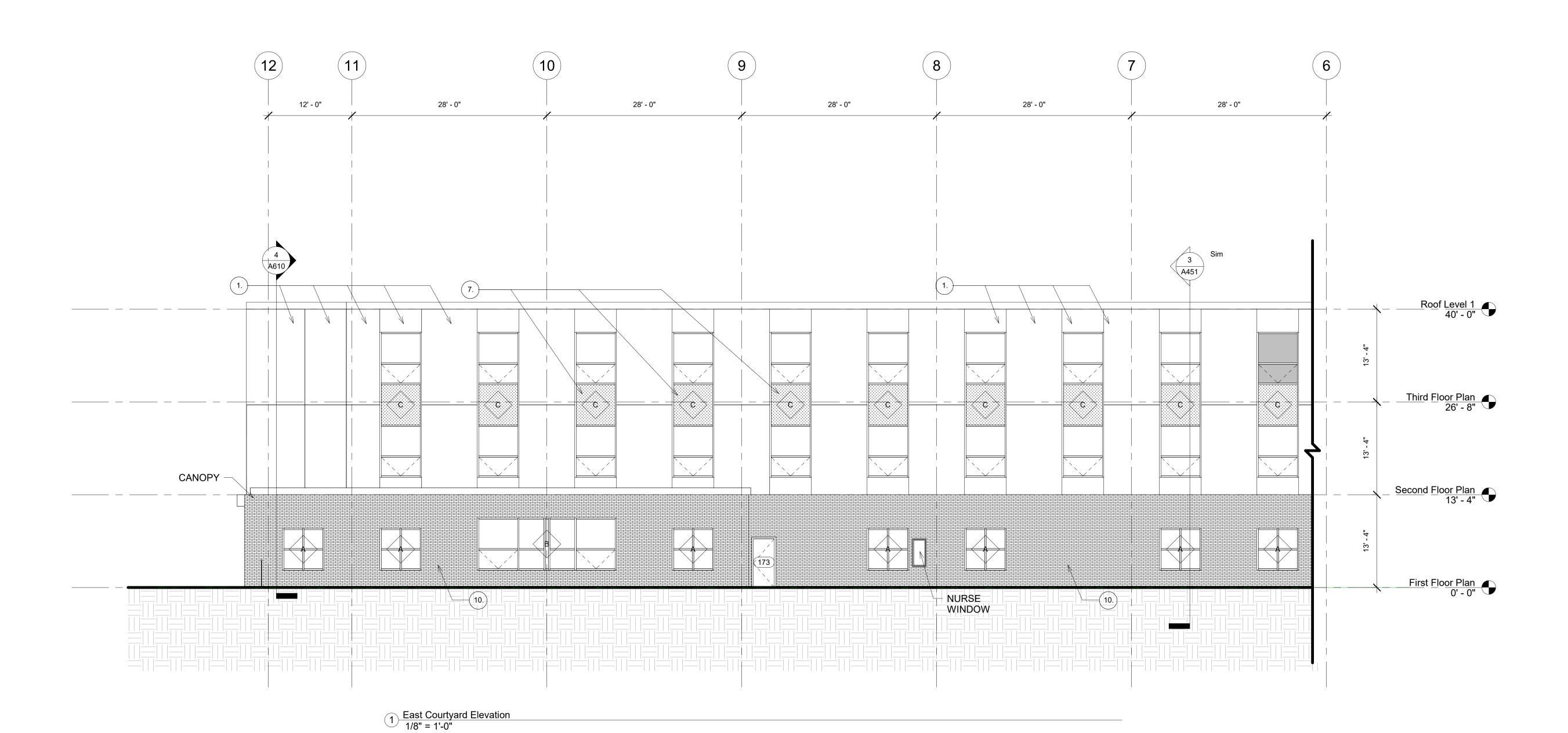
- 3 ACM DANEL GREEN FIN
- 3. ACM PANEL GREEN FINISH
- 4. ACM PANEL BLUE FINISH
- 5. ACM PANEL RED FINISH
- 6. 7" x .140 " ALUM FASCIA W/F.F.
- 7. SPANDREL GLASS
- 8. 12" X .040" ALUM FASCIA (YELLOW)
- 9. CONC. FOOTING & FOUNDATION, SEE STRUCT DWGS
- 10. BRICK FACE
- 11. 2 1/2" X 7 1/2" ALUM CURTAIN WALL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

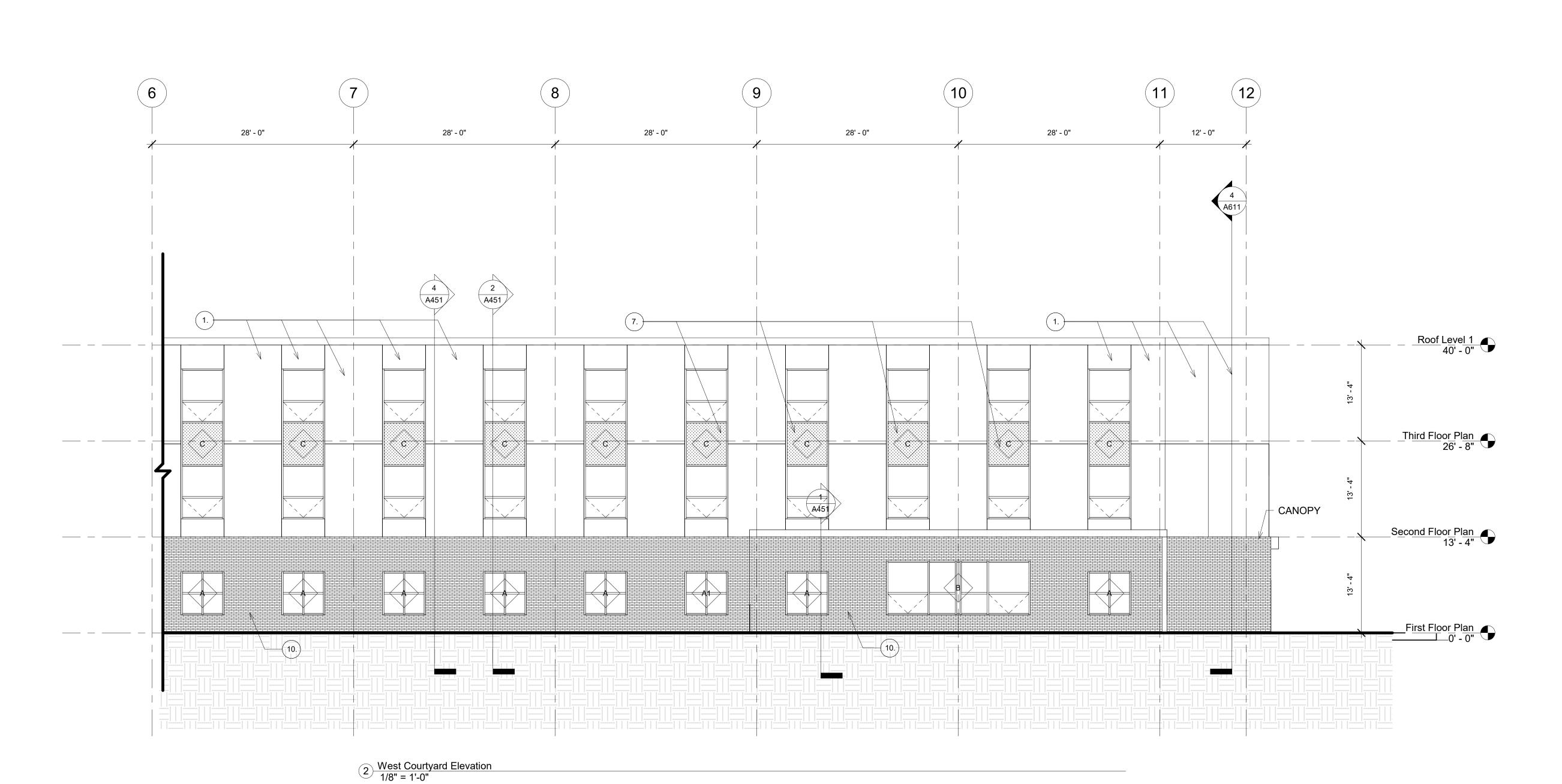
TINTED GLASS LEGEND		
	1" INSULATED, GREEN TEMPERED GLASS, TINTED	
(B)	1" INSULATED, BLUE TEMPERED GLASS, TINTED	
	1" INSULATED, RED TEMPERED GLASS, TINTED	

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	

	TRANSPAR	RENCY 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	%	





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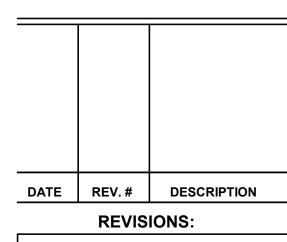
RENOVATIONS FOR:

Lima Stuart Elementary School

PRELIMINARY PLAN REVIEW

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EXTERIOR ELEVATIONS

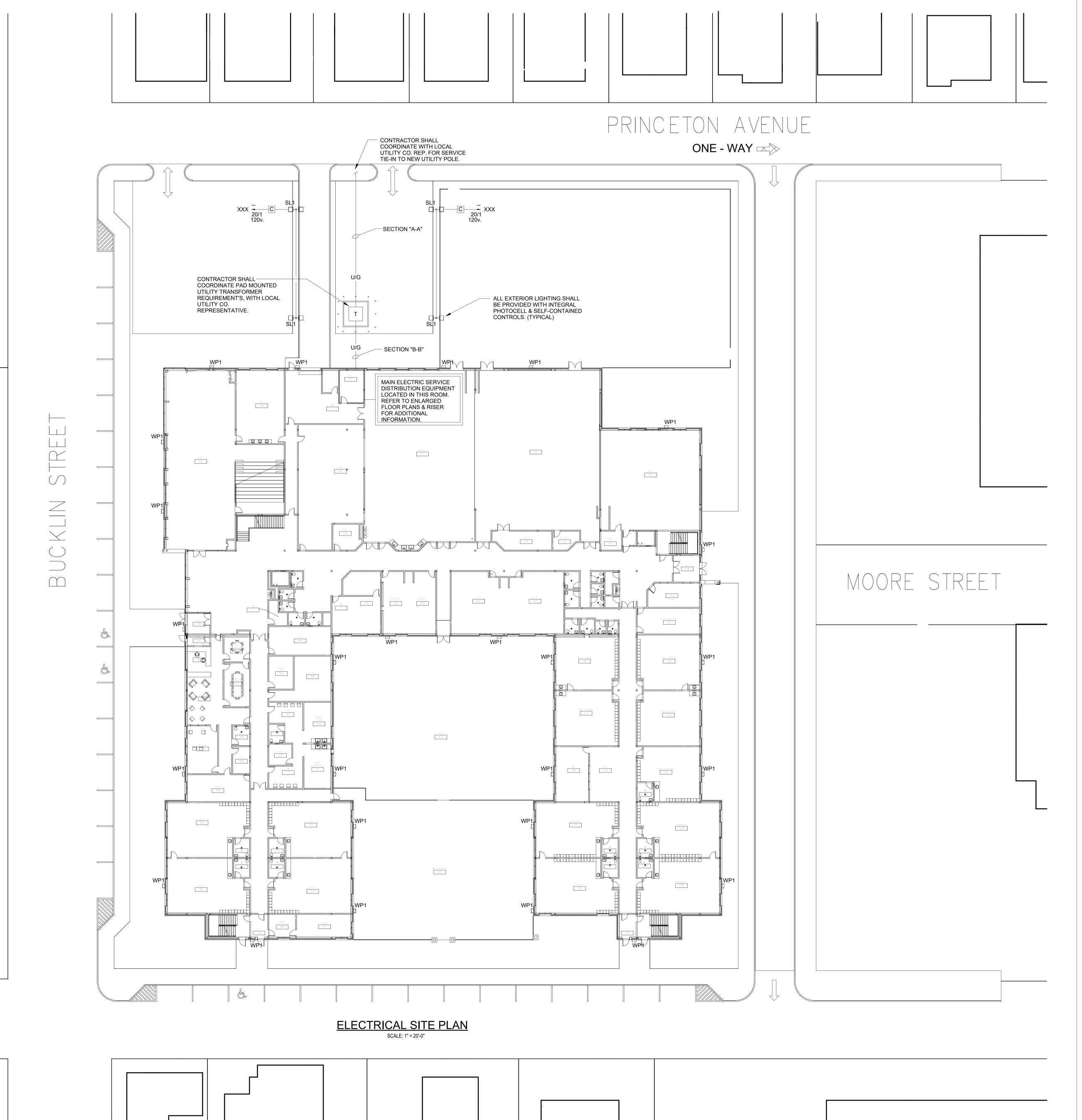


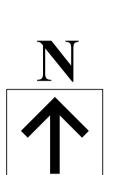
DATE: 10/20/2025
DRWN: CB
SCALE: AS NOTED
CHECKED BY: TA

A304

HEET

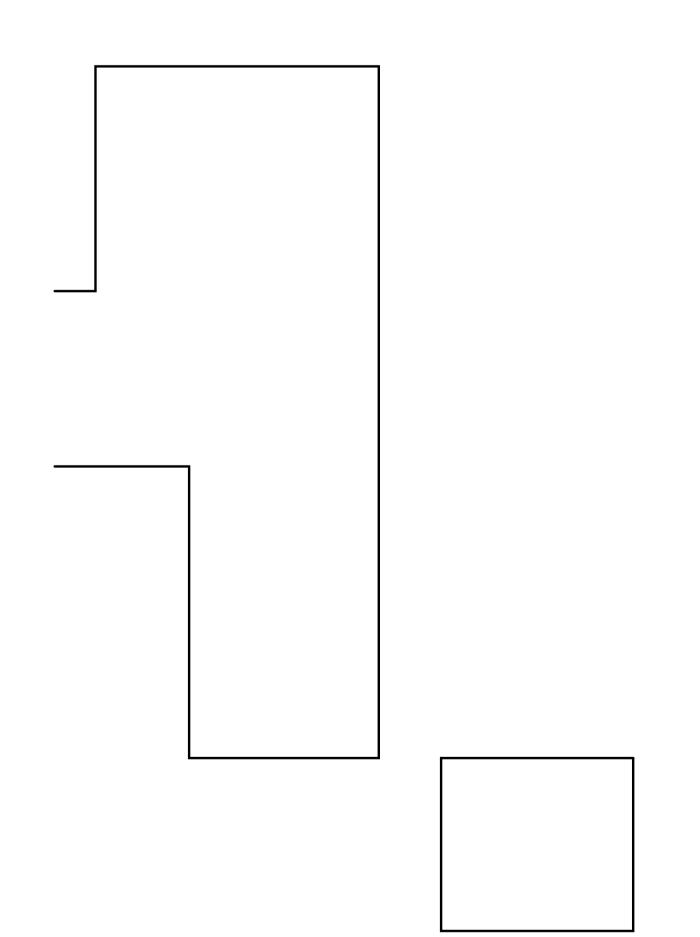
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CIRCUIT LENGTH	CIRCUIT. WIRE SIZE	DESCRIPTION
UP TO 600'	#8	
600' TO 1000'	#6	WIRE GAUGE RATINGS ARE BASED ON COPPER CONDUCTOR WITH LESS THAN 3% VOLTAGE DROP. IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO VERIFY LENGTHS AND
1000' TO 1300'	#4	ROUTING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



DABOLL STREET

TORRADO ARCHITECTS

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CONSTRUCTION CORPORATION

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C NGINEERING **Č**ESIGN **S**ERVICES INCORPORATED

141 Industrial Highway Slatersville, RI 02876
Tel (401) 765-7659 Fax (401) 765-2984

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