

KEY MAP

SCALE: 1" = 2000'±

THE SUBJECT PARCEL IS IDENTIFIED AS THE EWING HIGH SCHOOL WITH STREET FRONTAGE ALONG PARKWAY AVENUE & GLEN MAWR AVENUE IN THE TOWNSHIP OF EWING, MERCER COUNTY, NJ
 THE PROPERTY IS KNOWN AS BLOCK 487, LOT 86 AS SHOWN ON TAX MAP BOOK SHEETS # 42 AND #104.
 THE PROJECT IS LOCATED WITHIN THE R-2 SINGLE FAMILY RESIDENTIAL (DETACHED) ZONING DISTRICT PER THE "ZONING BOUNDARY MAP OF THE TOWN OF EWING".
 THE PROPERTY IS LOCATED WITHIN "ZONE X", AREA OF MINIMAL FLOODING", PER THE FEMA FIRM MAP

#34021C0118F, EFFECTIVE DATE JULY 2016.

5. THE HORIZONTAL DATUM AND BEARING SYSTEM IS BASED UPON THE NEW JERSEY STATE PLANE COORDINATE SYSTEM, NAD83 (2011) (EPOCH: 2010). THE VERTICAL DATUM IS BASED UPON NAVD88. BOTH DATUMS WERE ESTABLISHED BY TAKING STATIC GPS OBSERVATIONS ON KNOWN SURVEY CONTROL POINTS AND SUBMITTING THE DATA TO OPUS RS FOR POST—PROCESSING.

6. THE PHYSICAL SITE CONDITIONS REPRESENTED ON THIS PLAN ARE AS THEY APPEARED AT THE TIME OF THE FIELD SURVEY BY DAVID LUCCHI, PLS., OF EDWARDS ENGINEERING GROUP INC., IN MAY 2022. LOCALIZED TOPOGRAPHIC SURVEYS WERE CONDUCTED WITHIN PROPOSED WORK AREAS. OTHER TOPOGRAPHIC INFORMATION SHOWN ON THIS PLAN WAS OBTAINED FROM THE SCHOOL DISTRICT'S RECORD MAPPING.
7. PROPERTY BOUNDARY INFORMATION DEPICTED ON THIS MAP IS BASED UPON THE SCHOOL DISTRICT'S RECORD MAPPING OF A 2019 CONSTRUCTION PROGRAM, PREPARED BY PENNONI ASSOCIATES. AN UPDATED PROPERTY BOUNDARY SURVEY WAS NOT PERFORMED AS PART OF THIS PROJECT AND PROPERTY LINES APPEARING ON

THIS PLAN SHALL BE CONSIDERED APPROXIMATE.

8. THE SCHOOL CAMPUS HAS 343 PARKING STALLS, OF WHICH 11 ARE ADA COMPLIANT

PROJECT DESCRIPTION:

1. THE SCHOOL DISTRICT PROPOSES THE FOLLOWING WORK IN THIS PROJECT:

• REPLACE THEIR EXISTING MESSAGE SIGN LOCATED IN THE FRONT WALKWAY OF THE SCHOOL WITH A NEW MESSAGE SIGN. THE NEW SIGN WILL BE RELOCATED OUTSIDE OF THE MAIN SIDEWALK AND WILL COMPLY WITH REQUIRED SIGN SETBACK AND SIGHT DISTANCE REQUIREMENTS AS SPECIFIED IN ORDINANCE

ZONING REQUIREMENTS:

1. THE NEW MESSAGE SIGN REQUIRES RELIEF FROM STRICT ADHERENCE TO THE EWING TOWNSHIP LAND DEVELOPMENT ORDINANCE (215-37) AS FOLLOWS:

REQUIRED/ALLOWED

215-37 P.2(a) SIGN HEIGHT: 4 FEET 9 FEET

215-37 P(10) SIGN AREA: 20 S.F. 38 S.F.*

215-37 D(2) LANDSCAPING: FLOWER BEDS AT BASE NONE

* NOT INCLUDING MASONRY PILASTERS

2. THE SCHOOL DISTRICT AGREES TO COMPLY WITH SECTION 215-37 G(5) PERTAINING TO DIGITAL MESSAGE SIGN ILLUMINATION. HOWEVER, THE SCHOOL REQUIRES THE ABILITY TO CHANGE THE MESSAGES MORE FREQUENTLY THAN ONCE PER HOUR, IN ORDER TO PROPERLY INFORM THE STUDENT POPULATION (AND THEIR PARENTS) OF IMPORTANT NEWS AND EVENTS AT THIS SCHOOL FACILITY. THE SCHOOL DISTRICT AGREES TO WORK COOPERATIVELY WITH THE TOWNSHIP ZONING OFFICER IN THE EVENT THAT A COMPLAINT IS FILED WITH REGARD TO THE USE AND OPERATION OF THE MESSAGE SIGN.

LEGEND OF SYMBOLS & ABBREVIATIONS EXISTING lowercase text UPPERCASE TEXT TEXT & NOTES PAVEMENT EDGE MANHOLE- NEW/RECONSTRUCT STANDARD DUTY PAVEMENT INLET- NEW/RECONSTRUCT HEAVY DUTY PAVEMENT ROOF LEADER ==== CURB/DEPRESSED CURB VALVE-TYPE FIRE HYDRANT/FDC L____ STREET/TRAFFIC SIGNS **--**□ * X X X X FENCE EVERGREEN/DECIDUOUS TREES FULL-DEPTH DEMOLITION

SPOT ELEVATIONS ABBREVIATIONS ADA AMERICAN DISABILITIES ACT APPROXIMATE RCP REINFORCED CONC. PIPE ROOF LEADER GRATE (ELEVATION) BARRIER FREE BOTTOM OF CURB REVEAL RLUG ROOF LEADER UNDERGROUND GAS VAĽVE BITUMINOUS SOIL CONSERVATION DISTRICT STORM SEWER PIPE BOTTOM WALL (GRADE) FIRE HYDRANT SS/SAN SANITARY SEWER PIPE DATA/COMMUNICATION CABLE CONFIGURATION INVERT (ELEV.) INSIDE TRACK EDGE CHAIN LINK FENCE TOP OF BORDER LINEAR FEET TO BE REMOVED TOP OF CURB CONCRETE LOW POINT MANHOLE DEPRESSED CURB TRANSF TRANSFORMER DEMOLITION
DUCTILE IRON PIPE
DOWN SPOUT NOT IN CONTRACT 0/H OVERHEAD OUTSIDE TRACK EDGE ELECTRIC ELEVATION (FT.) EXISTING ELEV EX UTILITY POLE POINT OF CURVE POINT OF COMPOUND CURVE POLYETHYLENE PIPE (HDPE) V.I.F. VERIFY IN FIELD FIRE DEPT. CONN.
FORCE MAIN (SEWAGE)
FIBER OPTIC CABLE
FOOTING FDC FM FO FTG. PROP PROPOSED
PT POINT OF TANGENT
PVC POLYVINYL CHLORIDE PIPE WATER VALVE

Civil Engineering Consultant: EEG 1543C

EDWARDS

Engineering Group, Inc.

Certificate of Authorization: 24GA28008000
P.O. Box 8437 * Somerville, NJ * 08876-8437
908.231.9595 Fax 908.231.9696

WILLIAM B. EDWARDS, P.E. Date Professional Engineer NJ. Lic. No. GE36148

MILLIAM D. HOPKINS III, AIA, LEED AF
NJ-21AI01706000 | PA-RA012520X
GEORGE R. DUTHIE JR., AIA, PP
NJ-21AI01299200
Architect

Fraytak Veisz Hopkins Duthie P C

Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628

Pennsylvania: 140 Whitaker Ave - Mont Clare - Pennsylvania 19453

New Exterior Sign at Ewing High School

Ewing Public
Schools

Project Location

900 Parkway
Avenue, Ewing, NJ
08618

Project Number

5411

Project Date

06/16/2022

06/16/2022
Checked By
WBE (EEG)
Drawn By
SRP (EEG)
Scale

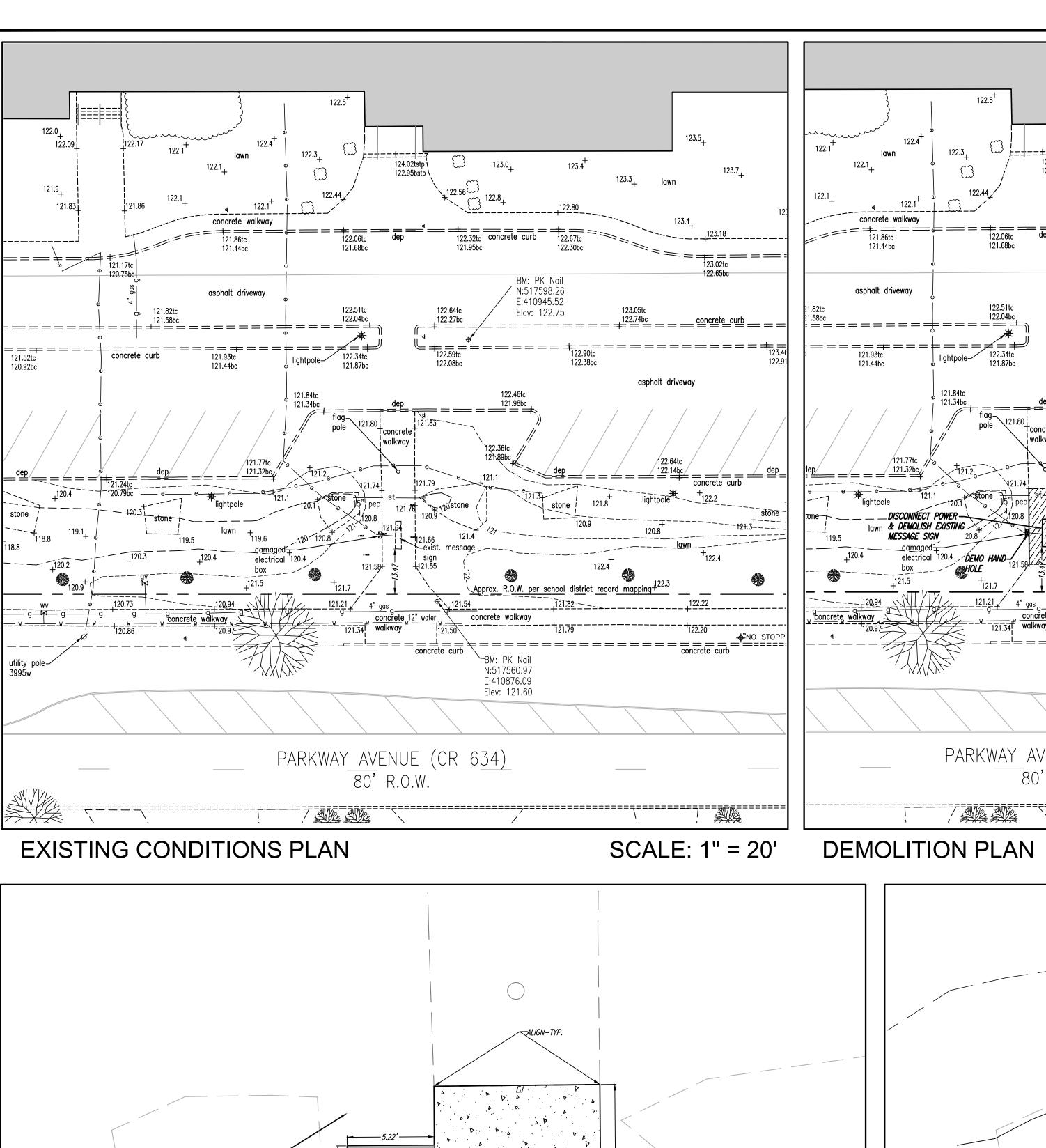
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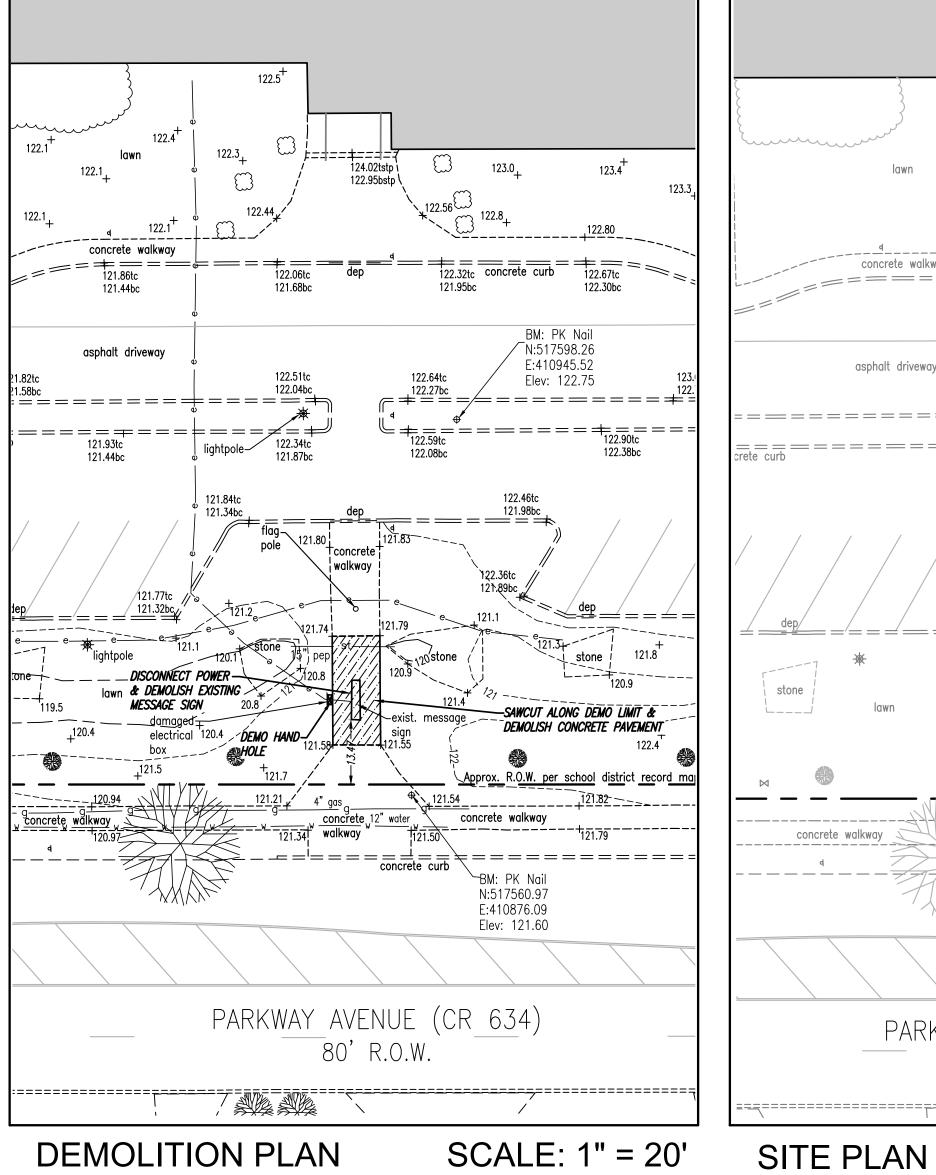
CAMPUS SITE PLAN

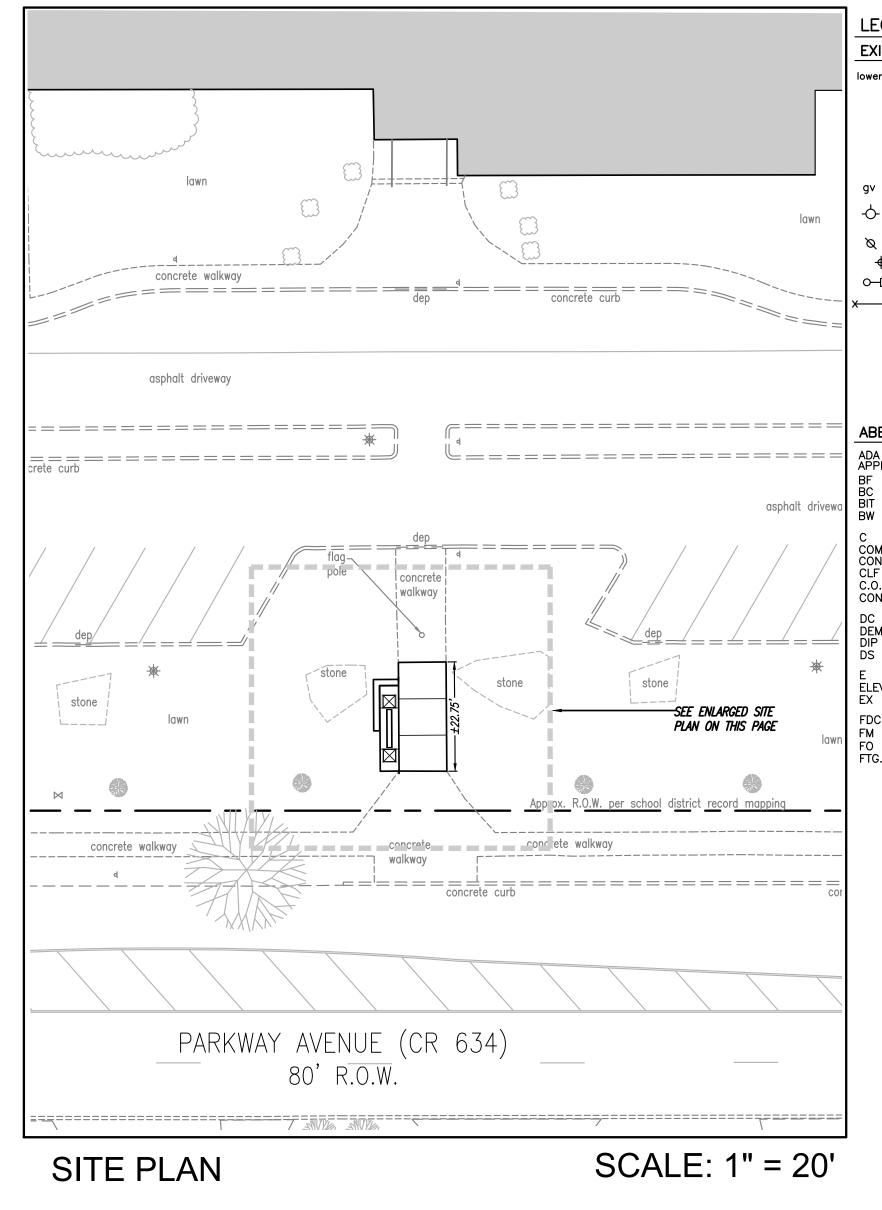
Revisions
No. Date Description

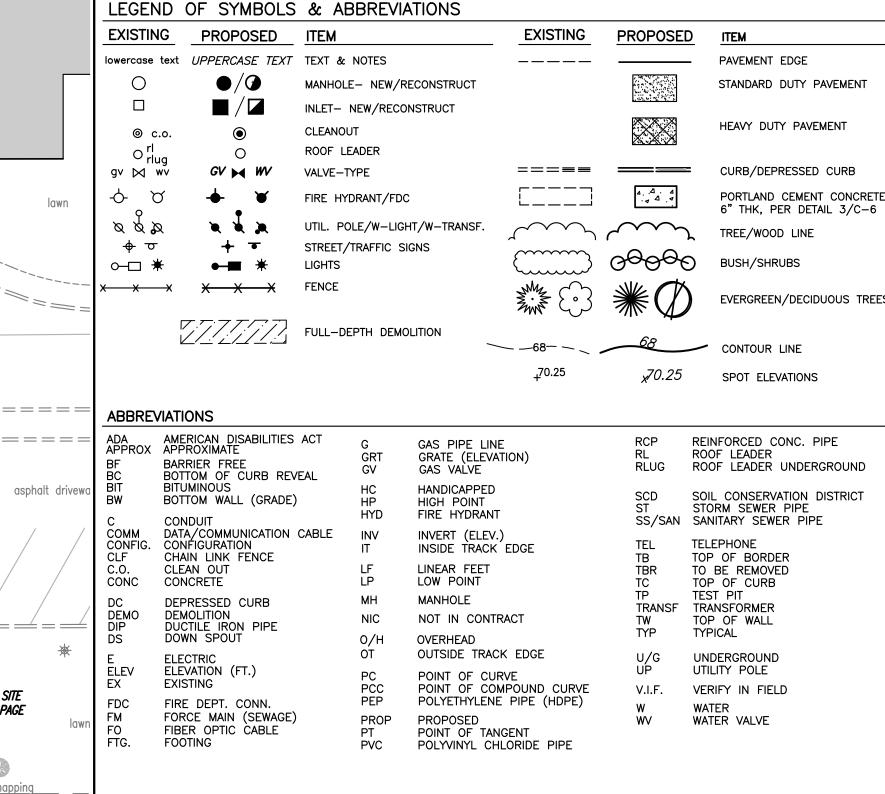
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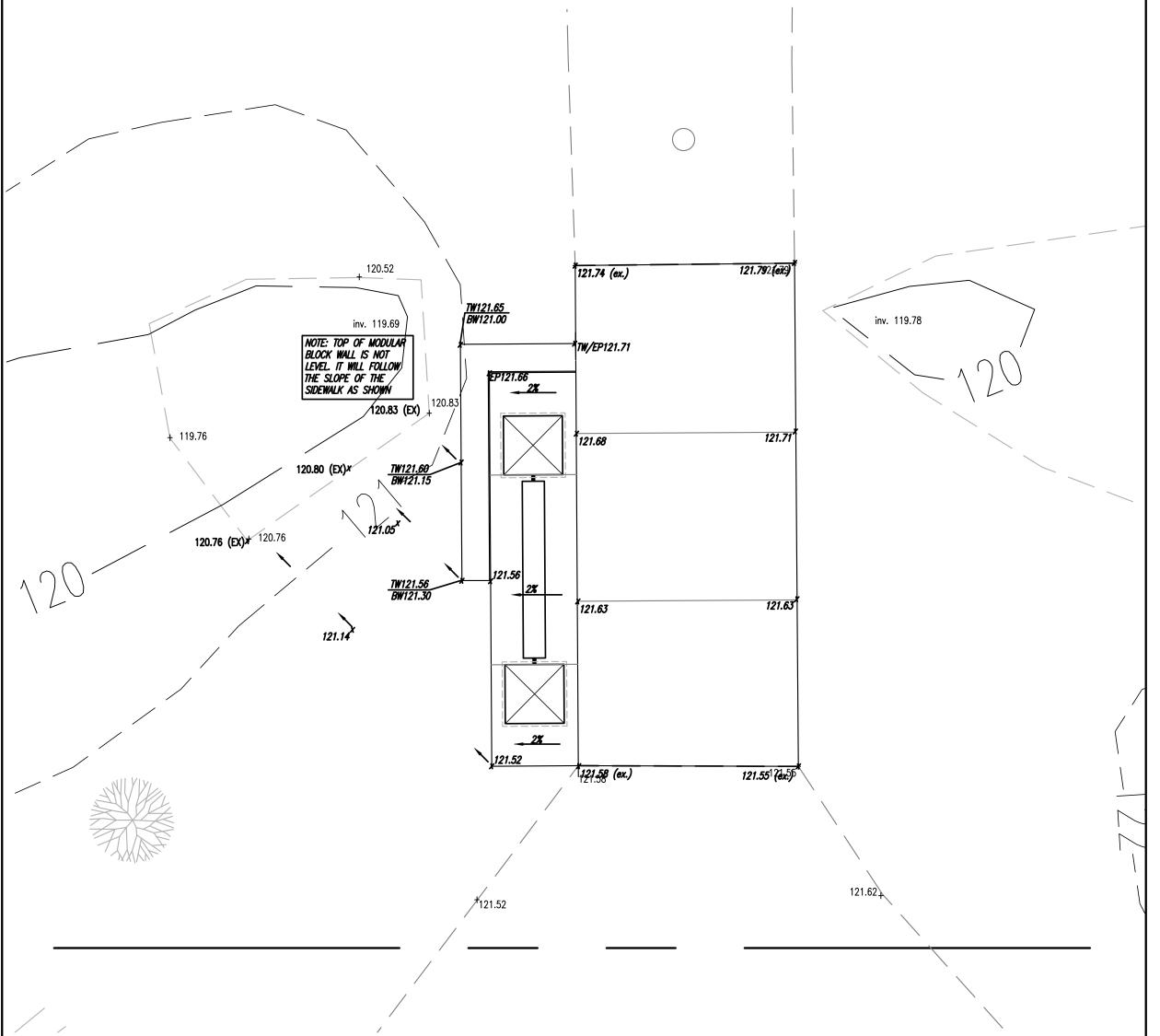








RESTORE DISTURBED LAWN IN ALL AREAS —TYP. 3 RESTORE DISTURBED LAWN
C3.0 IN ALL AREAS -TYP. 2B CONSTRUCT REINF. CONC.
(C3.0) SIDEWALK, 6" THK. MAIN WALKWAY — ± 10' (EXISTING) — PARK<u>WAY AVE R.O.W.</u> PER SCHOOL D<u>ISTRICT RECORD MAPPING</u>



20NSTRUCTION PROCEDURES:

1. SUBMITTALS SHALL BE PROVIDED TO THE ARCHITECT AT THE BEGINNING OF THE PROJECT, DURING THE DEMOLITION STAGE OR EARLIER. SUBMITTALS MUST NOT CONTAIN SUBSTITUTIONS OR PROPOSE DEVIATIONS FROM THE DESIGN INTENT THAT HAVE NOT BEEN ADDRESSED THROUGH THE REQUEST FOR INFORMATION (RFI) PROCESS. THE RFI PROCESS MUST BE DOCUMENTED IN WRITING FROM THE ENGINEER. SUBMITTALS AND SHOP DRAWINGS FOR LONG-LEAD TIME ITEMS MUST BE SUBMITTED FIRST. THE EQUIPMENT, MATERIALS, AND PROCESSES

ALLOWANCE), UNLESS THE SUBMITTAL IS PART OF AN APPROVED CHANGE ORDER REQUEST. . IF THE CONTRACTOR OFFERS A TROUBLESHOOTING SOLUTION TO A CONSTRUCTION—RELATED PROBLEM/ISSUE, IT IS UNDERSTOOD THAT SAID SOLUTION WILL RESULT IN NO INCREASED CONSTRUCTION COST. IF THE CONTRACTOR'S RECOMMENDED SOLUTION WILL HAVE A COST IMPACT, THEN THE FULL COST OF SAID AMOUNT SHALL BE SO INDICATED WITH THE RECOMMENDATION, SO THE OWNER AND ENGINEER MAY RENDER AN 4. THE CONTRACTOR SHALL NOT ASK THE OWNER TO APPROVE A DESIGN CHANGE WITHOUT PRIOR APPROVAL FROM THE ENGINEER OR ARCHITECT

(INCLUDING ALL LABOR) THAT ARE DEFINED IN SUBMITTALS SHALL RESULT IN A ZERO NET CHANGE TO THE CONTRACT AMOUNT (AND THE

THE OWNER IS NOT A DESIGN PROFESSIONAL, NOR SHALL THE OWNER BE EXPECTED TO POSSESS A WORKING KNOWLEDGE OF ALL CODES AND STANDARDS THAT APPLY TO THE WORK IN THIS CONTRACT. IN THE EVENT THAT AN UNFORESEEN FIELD CONDITION ARISES, THE CONTRACTOR SHALL FOLLOW THE REQUEST FOR INFORMATION (RFI) PROCESS WHEN SEEKING ASSISTANCE FROM THE ENGINEER, ARCHITECT, OR OWNER. ALL RFI'S SHALL BE SEQUENTIALLY NUMBERED. SUBMIT ALL RFI'S, IN WRITING, TO THE ARCHITECT WHO WILL THEN DISTRIBUTE SAME TO THE ENGINEER. A WRITTEN RFI RESPONSE WILL BE RETURNED TO THE CONTRACTOR. NO VERBAL INSTRUCTIONS SHALL BE CONSIDERED BINDING. THE CONTRACTOR WILL BE WORKING AT ITS OWN RISK, IF THE

CONSTRUCTION WORK DEVIATES FROM THE DESIGN INTENT WITHOUT PRIOR WRITTEN APPROVAL. THE CONTRACTOR SHALL SECURE ALL REQUIRED CONSTRUCTION PERMITS AND SCHEDULE INSPECTIONS AT THE TIMES REQUIRED BY THE LOCAL BUILDING DEPARTMENT. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION WITH THE OWNER.

1. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS.

THE CONTRACTOR SHALL ENGAGE THE SERVICES OF A PRIVATE UNDERGROUND UTILITY LOCATION COMPANY TO MARK-OUT THE LOCATION OF ALL UNDERGROUND UTILITIES IN AREAS WHERE EXCAVATION OF SUBSURFACE PENETRATIONS WILL OCCUR. ALL UTILITIES SHALL BE FIELD VERIFIED BEFORE COMMENCING WITH DEMOLITION WORK. CONTRACTOR'S LAND SURVEYOR SHALL ESTABLISH TWO (2) ADDITIONAL CONTROL POINTS BEYOND THE WORK LIMITS AND INCLUDE SAID CONTROL POINTS ON THE AS—BUILT SURVEY THAT IS REQUIRED FOR SUBSTANTIAL COMPLETION.

PHOTOGRAPHICALLY DOCUMENT (OR VIDEO RECORD) THE CONDITION OF ALL SITE IMPROVEMENTS WITHIN AND ADJACENT TO CONSTRUCTION THAT ARE NOTED TO REMAIN OR TO BE TEMPORARILY REMOVED AND RE-INSTALLED TO ACCOMMODATE THE WORK. ANY DAMAGE NOT DOCUMENTED IN THIS MATTER SHALL BE RESTORED TO A "LIKE NEW" CONDITION AT THE CONTRACTOR'S EXPENSE . IN AREAS WHERE UTILITY DEPTHS REQUIRE VERIFICATION, THE CONTRACTOR SHALL EXCAVATE TEST PITS AFTER THE UTILITY MARK—OUT (PER

NOTE #2 ABOVE.) IN ADDITION TO THE TEST PITS NOTED ABOVE, INCLUDE AT LEAST TWO (2) DISCRETIONARY TEST PITS IN THE CONTRACT, TO BE USED AT THE DISCRETION OF THE ARCHITECT OR ENGINEER. 6. THE REMOVAL OF ALL WASTE ITEMS, INCLUDING EXCESS FILL, EMBANKMENT, CONCRETE, PAVEMENT, ETC. INCLUDES HAULING TO AND DISPOSAL

7. ALL ITEMS DISTURBED BY DEMOLITION, SAWCUTTING, EXCAVATION, ETC. THAT ARE TO REMAIN SHALL BE REPLACED, RESET, OR RECONSTRUCTED AS REQUIRED TO RESTORE STRUCTURAL INTEGRITY AND SUITABLE APPEARANCE AT NO EXTRA CHARGE. 8. ALL MATERIALS THAT ARE TO BE RE-USED IN THE NEW CONSTRUCTION SHALL BE STORED IN A SAFE LOCATION AT THE PROJECT WORK SITE. ALL MATERIALS THAT ARE NOTED TO BE RE-USED SHALL BE CAREFULLY DISMANTLED TO AVOID DAMAGE. ANY DAMAGED ITEMS THAT ARE TO BE RE-USED SHALL BE REPLACED WITH NEW MATERIAL OF EQUIVALENT SIZE AND COMPOSITION.

9. A SMOOTH UNIFORM EDGE MUST BE PROVIDED ALONG THE LIMIT OF PAVEMENT REMOVAL. THE CONTRACTOR SHALL SAW-CUT THE PAVEMENT ALONG THE LIMIT OF PAVEMENT REMOVAL. 10. PAVEMENT DEMOLITION SHALL INCLUDE DEMOLITION/EXCAVATION OF EXISTING SUBBASE STONE AND SUBGRADE SOIL MATERIAL AS NEEDED TO PROVIDE FULL DEPTH OF NEW PAVEMENT & SUBBASE PER PLAN DETAILS.

11. THE VOIDS CREATED BY EXCAVATION OF STRUCTURES DURING SITE DEMOLITION SHALL BE BACKFILLED WITH DENSE GRADED AGGREGATE AND COMPACTED TO 95% MODIFIED PROCTOR DENSITY, PER ASTM D1557. 12. DEMOLISH EXISTING PAVEMENT, SLABS, AND OTHER HARD SURFACES TO THE EXTENTS NEEDED FOR NEW CONSTRUCTION, UNLESS NOTED OTHERWISE. IN AREAS WHERE THE GRADING PLAN CHANGES ELEVATIONS IN DEMOLITION AREAS, PERFORM EARTHWORK TO RE-GRADE SUBGRADE SOILS AS NEEDED TO PROVIDE THE CORRECT FINISHED ELEVATIONS OF PAVEMENT SURFACES. THE TOTAL DEPTH OF EXCAVATION OR FILL

13. IT IS THE GENERAL INTENT TO DEMOLISH ALL EXISTING SITE IMPROVEMENTS THAT MAY INTERFERE WITH OR OTHERWISE HINDER THE PROPER CONSTRUCTION OF NEW SITE IMPROVEMENTS. IT MAY BE NECESSARY TO ABANDON SOME UNDERGROUND WORK, IN LIEU OF DEMOLITION, TO AVOID DAMAGING EXISTING UTILITIES AND OTHER SUBSURFACE FEATURES THAT ARE INTENDED TO REMAIN. IN THE EVENT THAT THE CONTRACTOR ENCOUNTERS A "MEANS AND METHODS" ISSUE OR INABILITY TO DEMOLISH A SITE IMPROVEMENT IN ITS ENTIRETY, THE OWNER'S ENGINEER MUST BE NOTIFIED IN WRITING IN THE FORM OF A RFI AND RECEIVE AUTHORIZATION TO ABANDON SAME IN PLACE.

14. SCHEDULE ALL DEMOLITION WORK, INCLUDING EARTHWORK, SO AS TO MINIMIZE THE TIME THAT SUBGRADE SOILS ARE EXPOSED.
15. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER TO INSURE THAT WORK DOES NOT IMPACT THE USE OF THE SCHOOL CAMPUS.

SHALL PROVIDE FOR THE FULL DEPTH OF PROPOSED PAVEMENT CROSS-SECTIONS PER PLAN DETAILS

ENLARGED SITE PLAN

JNDERGROUND UTILITY LOCATION & TEST PITS: ALL UNDERGROUND UTILITIES REPRESENTED ON THIS PLAN ARE SHOWN APPROXIMATELY. IN ALL CASES THE EXACT DEPTH, SIZE AND ALIGNMENT

OF UNDERGROUND PIPES, WIRES, AND OTHER FEATURES SHALL BE

CONSIDERED UNKNOWN AND MUST BE FIELD VERIFIED AT THE START OF THE PROJECT. ENGAGE THE SERVICES OF A PRIVATE UNDERGROUND UTILITY LOCATING AND MARK OUT SERVICE TO PERFORM A MARK OUT OF ALL CONSTRUCTION AREAS WITHIN THE AREA OF DISTURBANCE SHOWN ON THE SOIL EROSION & SEDIMENT CONTROL PLANS AND AT LEAST 25 FEET BEYOND IN ALL DIRECTIONS. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION ON THE MARK OUT AND REQUIRED TEST PITS. EXCAVATE TEST PITS WHERE SHOWN ON THE PLAN AND AT ALL LOCATIONS

WHERE PROPOSED UNDERGROUND UTILITIES (STORM SEWER PIPING, ELECTRIC & DATA CONDUITS) WILL CROSS OR CONNECT TO EXISTING UNDERGROUND UTILITIES AND RECORD THE DEPTH, SIZE, AND ALIGNMENT OF EACH UTILITY AT THE CROSSING. VERIFY CLEARANCES CAN BE ACHIEVED WITHOUT DEVIATING FROM THE DESIGN INTENT. REPORT TO THE OWNER'S REPRESENTATIVE ANY POTENTIAL CONFLICTS VIA THE R.F.I.

SITE MAINTENANCE REQUIREMENTS INSTALL DE-WATERING MEASURES AT THE COMMENCEMENT OF EARTHWORK OPERATIONS AND MAINTAIN DE-WATERING OF ALL OPEN EXCAVATIONS THROUGHOUT CONSTRUCTION. STORM WATER RUNOFF MUST BE IMMEDIATELY EVACUATED FROM THE PROJECT SITE THROUGH DE-WATERING PRACTICES. WATER MUST NOT BE TRAPPED OR ALLOWED TO POOL IN ANY AREA. DE-WATERING MEASURES SHALL INCLUDE DE-WATERING PUMPS AND A MEANS OF FILTERING SEDIMENT AND SILT FROM THE WATER BEFORE IT IS DISCHARGED

INTO DOWNSTREAM DRAINAGE SYSTEMS. 2. ANY SOIL THAT IS SATURATED SHALL BE DRIED BY THE CONTRACTOR TO RESTORE OPTIMUM MOISTURE LEVEL (VERIFIED BY CONTRACTOR'S GEOTECHNICAL ENGINEER.) SOILS THAT ARE 4. THE LOCATION OF UTILITIES ARE SHOWN APPROXIMATELY. THE CONTRACTOR MUST VERIFY THE LOCATION SATURATED AND CANNOT BE RECONDITIONED IN SUFFICIENT TIME, WITHOUT AFFECTING THE PROJECT SCHEDULE, SHALL BE REMOVED AND REPLACED WITH SUITABLE COMPACTED SOIL (DENSE GRADED AGGREGATE) AT THE CONTRACTOR'S EXPENSE. SEE NOTE #1 ABOVE. PROTECT ADJACENT AREAS TO MAINTAIN THEIR ORIGINAL CONDITION THROUGHOUT

CONSTRUCTION. ANY AREAS DAMAGED OR DISTURBED BY THE CONTRACTOR SHALL BE RESTORED TO A "LIKE NEW" CONDITION AT THE CONTRACTOR'S EXPENSE. 4. MAINTAIN THE UNDERGROUND UTILITY MARK-OUT THROUGHOUT CONSTRUCTION. 5. PRESERVE AND MAINTAIN SURVEY CONTROL POINTS THROUGHOUT CONSTRUCTION. 6. SWEEP AND MAINTAIN ALL PAVEMENT AREAS TO A "BROOM CLEAN" CONDITION AROUND ALL WORK AREAS. PAVEMENT AREAS SHALL BE MAINTAINED ON A DAILY BASIS. SOIL AND DEBRIS SHALL NOT BE TRACKED OUTSIDE THE WORK AREA.

SCALE: 1" = 4'

CONSTRUCTION NOTES 1. THE OWNER IS PAYING FOR NEW CONSTRUCTION, NOT POORLY CONSTRUCTED SITE IMPROVEMENTS THAT ARE PATCHED AND REPAIRED. ALL CONSTRUCTION SHALL BE FINISHED TO INDUSTRY STANDARDS AND COMPLETED IN A PROFESSIONAL WORKMANLIKE MANNER. ALL PAVEMENT SURFACES SHALL BE FINISHED UNIFORMLY AND SURFACES SHALL NOT HAVE ANY NOTICEABLE DEFECTS, VOIDS, CRACKS, STAINS, OR UNDUI ATIONS. THE PLANS SHALL BE USED IN CONJUNCTION WITH THE SPECIFICATIONS PROVIDED TO THE CONTRACTOR. READ THE SPECIFICATIONS. INCLUDE ALL REQUIRED EARTHWORK COSTS NEEDED TO RE-GRADE THE SUBGRADE AND SUBBASE TO ACHIEVE THE PROPOSED GRADES SHOWN ON THE GRADING PLAN.

GRADING PLAN

AND DEPTH OF ALL UTILITIES WITHIN THE SCOPE OF CONSTRUCTION BEFORE COMMENCING WITH ANY WORK. SEE DEMOLITION NOTES. 5. AREAS ADJACENT TO CONSTRUCTION MUST BE RESTORED TO ORIGINAL OR BETTER CONDITION, IF DISTURBED, AT NO ADDITIONAL COST. 6. UNLESS NOTED OTHERWISE, THE DESIGN INTENT IS FOR NEW AND EXISTING SURFACES TO ALIGN FLUSH WITHOUT ANY NOTICEABLE LIP, GAP, OR EDGE. 7. ALL AVAILABLE SURVEY CONTROL INFORMATION IS SHOWN ON THE DRAWINGS. AN ELEVATION BENCHMARK AND DIMENSIONS HAVE BEEN PROVIDED ON THE PLAN. CAD FILES OR OTHER ELECTRONIC INFORMATION CAN BE MADE AVAILABLE (SEE SPECIFICATIONS). IT SHOULD BE UNDERSTOOD BY THE CONTRACTOR AND OR HIS SURVEYOR THAT THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED IN THE ELECTRONIC FORMAT IS NEITHER GUARANTEED NOR IMPLIED.

SCALE: 1" = 4'

8. CONSTRUCTION SURVEY STAKE-OUT AND LAYOUT WORK SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR. ALL CONCRETE FORMS SHALL BE CHECKED FOR ELEVATION AND SLOPE PRIOR TO POURING CONCRETE. 9. ALL OBSTRUCTIONS WHICH CONFLICT WITH NEW CONSTRUCTION SHALL BE REMOVED, ADJUSTED, OR RELOCATED IN FAVOR OF THE NEW SITE IMPROVEMENTS AT NO EXTRA COST TO THE OWNER. THIS SHALL INCLUDE, BUT IS NOT LIMITED TO UNDERGROUND OBSTRUCTIONS, EXISTING CONSTRUCTION, FOLIAGE,

FENCES. TREE ROOTS. AND OTHER MISCELLANEOUS DEBRIS ENCOUNTERED WITHIN THE SCOPE OF WORK. 10. THE CONTRACTOR SHALL SECURE ALL REQUIRED CONSTRUCTION PERMITS AND SCHEDULE INSPECTIONS AT THE TIMES REQUIRED BY THE LOCAL BUILDING DEPARTMENT. 11. IF THE CONTRACTOR BELIEVES THAT A MAJOR DISCREPANCY EXISTS BETWEEN THE INFORMATION SHOWN ON THESE DRAWINGS AND ACTUAL FIELD CONDITIONS, THEN THE CONTRACTOR'S LICENSED LAND SURVEYOR SHALL PERFORM WORK NECESSARY TO CLEARLY DOCUMENT THE DISCREPANCY IN MAP FORM FOR PRESENTATION TO THE ENGINEER FOR REVIEW AND ACTION.

12. CONTRACTOR SHALL PROVIDE DE-WATERING IN ALL EXCAVATIONS AS NEEDED TO PROTECT SOILS AT NO

ADDITIONAL COST TO THE OWNER. 13. IF/WHEN TROUBLESHOOTING AN UNFORESEEN SITE CONDITION, THE CONTRACTOR OFFERS A SOLUTION, IT IS UNDERSTOOD THAT SAID SOLUTION WILL RESULT IN NO INCREASED CONSTRUCTION COST. IF THE CONTRACTOR'S RECOMMENDED SOLUTION WILL HAVE A COST IMPACT, THE AMOUNT SHALL BE SO INDICATED WITH THE RECOMMENDATION SO THE OWNER AND ENGINEER MAY MAKE AN INFORMED DECISION. 14. THE CONTRACTOR SHALL INSTALL 6' HIGH TEMPORARY CHAIN LINK CONSTRUCTION FENCE AROUND ALL WORK AREAS TO PROTECT THE PUBLIC AND PREVENT UNAUTHORIZED ACCESS TO CONSTRUCTION AREAS. AS A MINIMUM THE CONTRACTOR SHALL PLAN ON INSTALLING ENOUGH TEMPORARY FENCE TO ENCLOSE

THE AREA OF DISTURBANCE SHOWN ON THE SOIL EROSION & SEDIMENT CONTROL PLAN.

1. THE PLANS DESIGNATE AT LEAST TWO (2) BENCHMARKS. ONLY DESIGNATED BENCHMARKS SHALL BE USED WHEN ESTABLISHING INTERIM AND FINAL ELEVATIONS FOR ALL NEW CONSTRUCTION IMPROVEMENTS. THE CONTRACTOR IS PROCEEDING AT ITS OWN RISK IF NEW ELEVATIONS ARE ESTABLISHED BY REFERENCING ANY ELEVATION OTHER THAN A DESIGNATED BENCHMARK. REFER TO THE PROJECT SPECIFICATIONS FOR SPECIFIC EARTHWORK AND COMPACTION REQUIREMENTS AFTER DEMOLITION AND ROUGH GRADING HAS BEEN COMPLETED. THE MAXIMUM RUNNING AND CROSS SLOPES OF SIDEWALKS SHALL BE AS FOLLOWS:

CROSS SLOPE: 2% MAXIMUM

CHECK THE GRADING TO MAINTAIN POSITIVE DRAINAGE.

RUNNING SLOPE: 5% MAXIMUM RUNNING SLOPE OF RAMPS: 8.3% (1:12) SPOT ELEVATIONS ARE SHOWN ON THE PLAN IN KEY LOCATIONS AND PROPOSED CONSTRUCTION IS REQUIRED TO ACHIEVE THESE ELEVATIONS TO ENSURE CODE COMPLIANCE. THE PROPOSED SPOT ELEVATIONS SHOWN ON THE PLAN ENSURE THAT THE REQUIREMENTS IN NOTE #2 ARE MET. FURNISH A DETAILED "AS-BUILT" SURVEY DOCUMENTING THAT THE GRADES AND ELEVATIONS SHOWN ON THE GRADING PLAN HAVE BEEN MET DURING CONSTRUCTION AND COMPLY WITH

NOTES ABOVE. 6. ENGAGE A LICENSED PROFESSIONAL LAND SURVEYOR TO STAKE OUT CONSTRUCTION AND SET CONTROL POINTS SO THAT THE LINES AND GRADES SHOWN ON THE PLAN ARE MET. SEE NOTE ÄLL AREAS OF THE SITE SHALL BE GRADED TO ENSURE THAT STORM WATER DOES NOT POOL O BECOME IMPOUNDED.

CONTRACTOR SHALL TAKE ADDITIONAL MEASUREMENTS AND TAKE ADDITIONAL PRECAUTIONS TO

8. IN AREAS WHERE PROPOSED PAVEMENT GRADES ARE ONE (1) PERCENT OR LESS, THE

Civil Engineering Consultant: Engineering Group, Inc.

Certificate of Authorization: 24GA28008000

P.O. Box 8437 * Somerville, NJ * 08876-8437

WILLIAM B. EDWARDS, P.E. Date

Professional Engineer NJ. Lic. No. GE36148

908.231.9595 Fax 908.231.9696

William B Edwards

EEG 1543C

New Exterior Sign at **Ewing High School**

Ewing Public Schools

900 Parkway Avenue, Ewing, NJ

5411 Project Date 06/16/2022

Checked By WBE (EEG) Drawn By SRP (EEG)

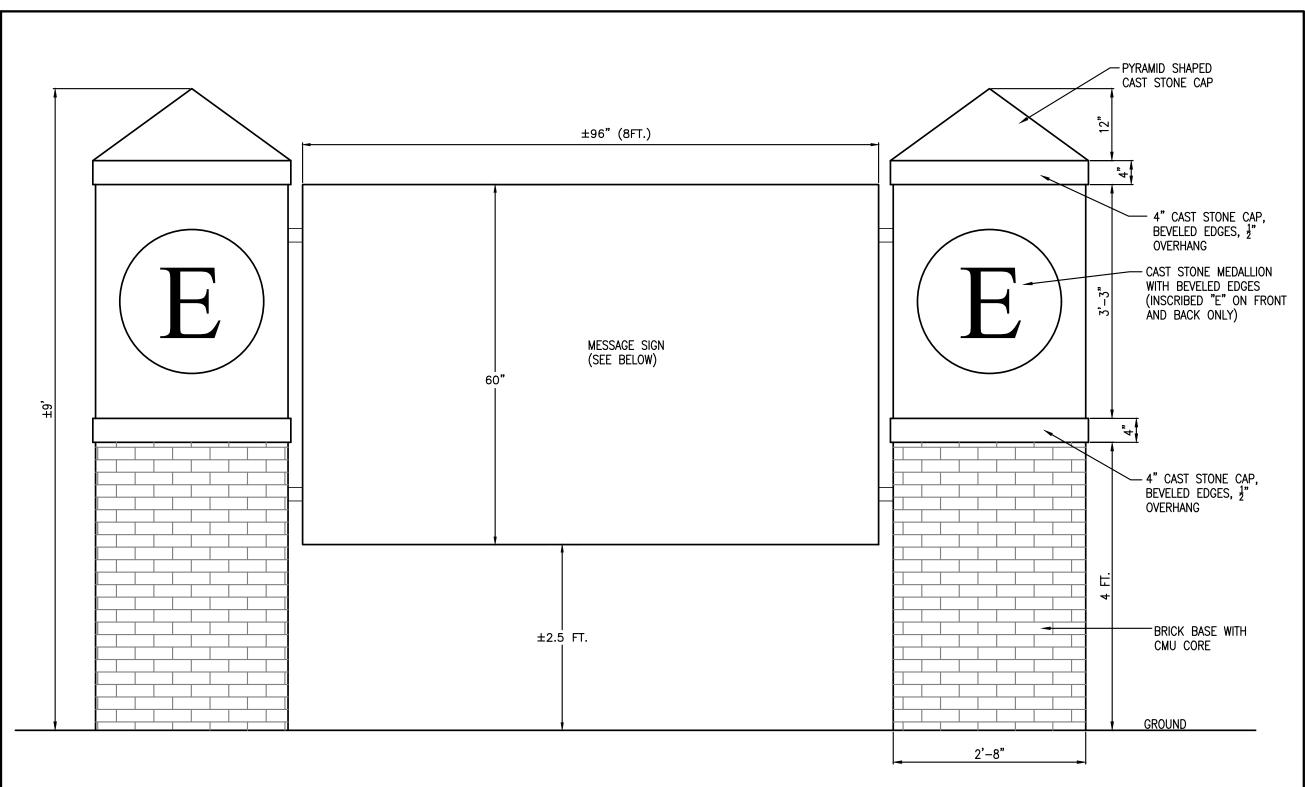
AS NOTED

EXISTING CONDITIONS, DEMOLITION. SITE &

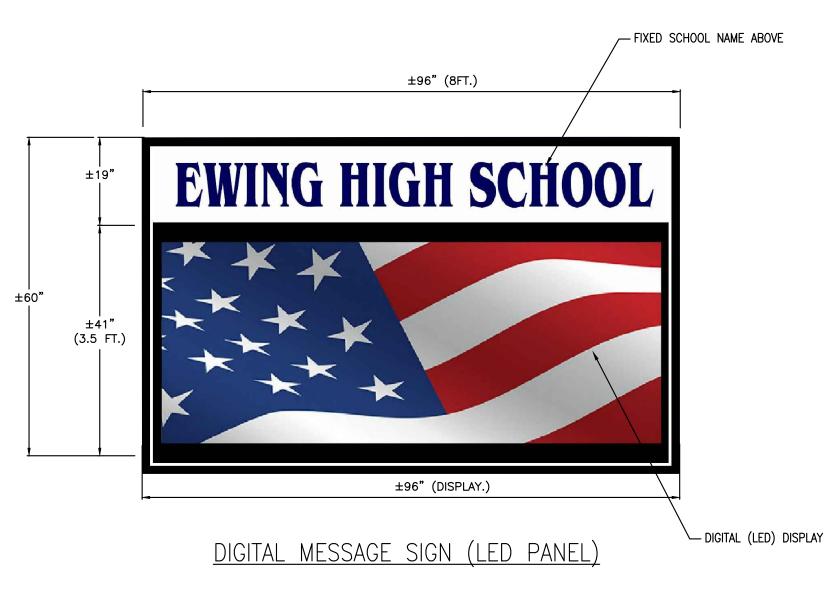
GRADING

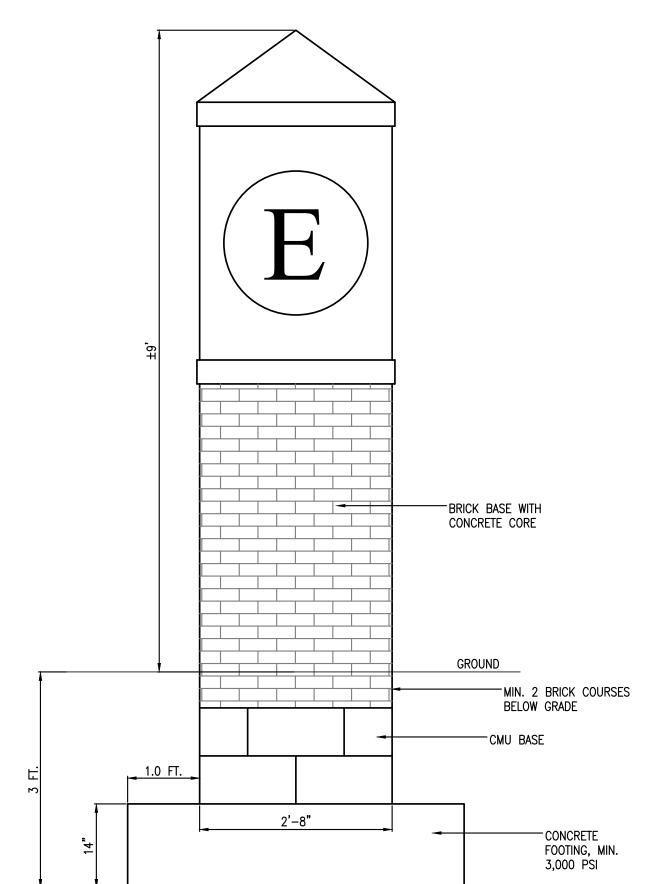
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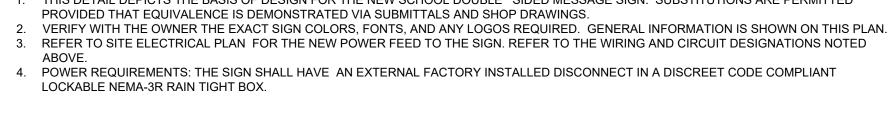
<u>ELEVATION — SIGN WITH PILASTERS</u>



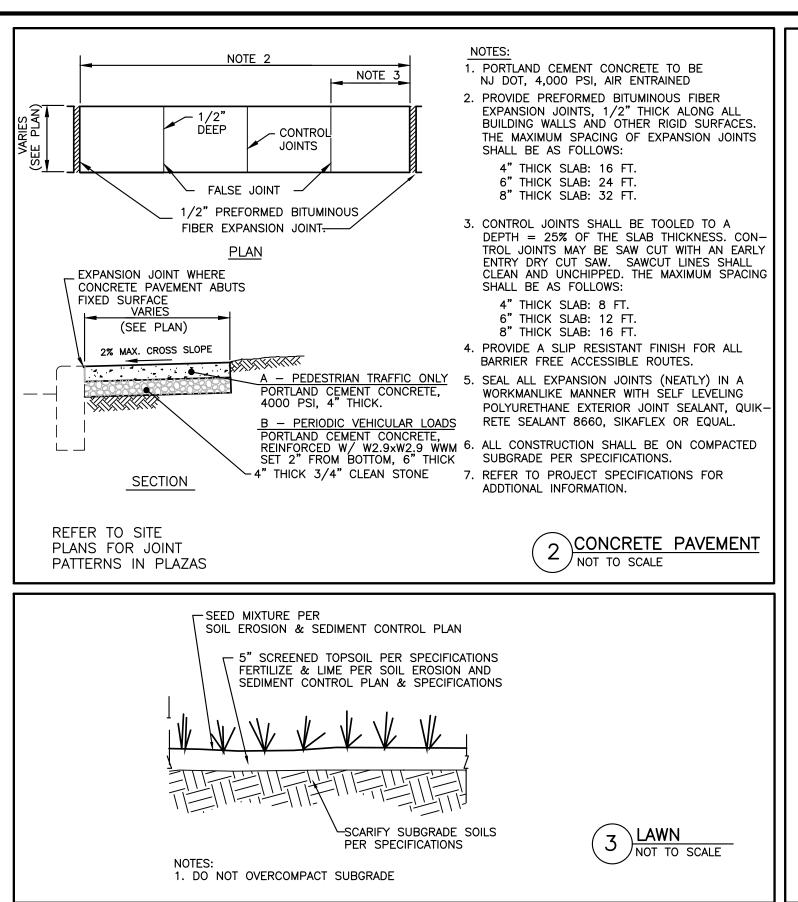


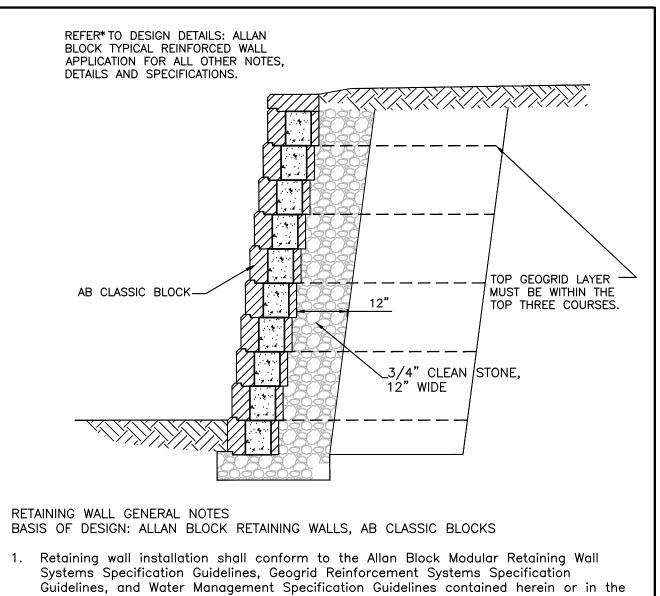
TYPICAL PILASTER

- 1. THIS DETAIL DEPICTS THE BASIS OF DESIGN FOR THE NEW SCHOOL DOUBLE SIDED MESSAGE SIGN. SUBSTITUTIONS ARE PERMITTED



1 MESSAGE SIGN NOT TO SCALE





- Retaining wall installation shall conform to the Allan Block Modular Retaining Wall Systems Specification Guidelines, Geogrid Reinforcement Systems Specification Guidelines, and Water Management Specification Guidelines contained herein or in the Allan Block Spec Book, DOC. #R0901.
- Hydrostatic loading is not considered in this analysis. Sufficient drainage must be provided such that hydrostatic loading (pore pressure) does not develop in the reinforced zone. Add additional rear wall drainage system as required.
- . Retaining walls must be staked according to the contract drawings. 4. Owner to select wall color from full range of manufacturer's colors. Color should closely match existing nearby landscaped walls.
- MODULAR BLOCK LANDSCAPE WALL NOT TO SCALE



New Exterior Sign at **Ewing High School**

Ewing Public Schools

900 Parkway Avenue, Ewing, NJ 08618

5411 06/16/2022 WBE (EEG)

SRP (EEG) AS NOTED

DETAILS

EEG 1543C

Drawing Number

WILLIAM B. EDWARDS, P.E. Date Professional Engineer NJ. Lic. No. GE36148

Certificate of Authorization: 24GA28008000 P.O. Box 8437 * Somerville, NJ * 08876-8437

908.231.9595 Fax 908.231.9696

Civil Engineering Consultant: