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3011 NEWMARK DRIVE O: 937.224.1931
MIAMISBURG, OHIO 45342 F: 937.224.3091
www.levin-porter.com
Levin Porter Associates Inc. dba Levin Porter Architects



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Mark C. Wiseman, License #13215
Expiration Date 12/31/2023

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CONSULTANTS

**West Carrollton City
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NEW ELEMENTARY SCHOOL

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Author

DATE:
08.17.2023

LEVIN PORTER
ARCHITECTS
3011 NEWMARK DRIVE
MIAMI, FL 33133
O: 337.224.1931
F: 337.224.3091
www.levin-porter.com
Levin Porter Associates Inc. dba Levin Porter Architects



TITLE SHEET

G101

GENERAL NOTES

- THE CITY OF WEST CARROLLTON, AND THE CURRENT EDITION OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS (DOOT CMS), INCLUDING ALL SUPPLEMENTS, SHALL GOVERN ALL MATERIALS AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN ON THIS PLAN. IGNORE REFERENCES TO MEASUREMENT AND PAYMENT IN THE DOOT CMS UNLESS NOTED OTHERWISE. IN THE CASE OF CONFLICTS BETWEEN THE DOOT CMS AND THE CITY OF WEST CARROLLTON REQUIREMENTS, THE CITY OF WEST CARROLLTON REQUIREMENTS SHALL PREVAIL.
- THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND WATERCOURSES ENCOUNTERED DURING THE IMPROVEMENTS. THE CONTRACTOR SHALL EXPOSE ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECT ON THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL CALL, TOLL FREE, THE OHIO UTILITIES PROTECTION SERVICE (1-800-365-2784) 48 HOURS PRIOR TO CONSTRUCTION AND SHALL NOTIFY ALL UTILITY COMPANIES WHO ARE NON-MEMBERS OF THE OHIO UTILITIES PROTECTION SERVICE AT LEAST 48 HOURS PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND LINES.
- THE CONTRACTOR SHALL OBTAIN A PERMIT FOR ALL CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS.
- THE CONTRACTOR IS TO PERFORM ALL INSPECTIONS AS REQUIRED BY THE OHIO EPA FOR THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND FURNISH OWNERS REPRESENTATIVE WITH WRITTEN REPORTS.
- THE CONTRACTOR IS REQUIRED TO VISIT THE SITE AND FULLY INFORM THEMSELVES CONCERNING ALL CONDITIONS AFFECTING THE SCOPE OF THE WORK. FAILURE TO VISIT THE SITE SHALL NOT RELIEVE THEM FROM ANY RESPONSIBILITY IN THE PERFORMANCE OF THE CONTRACT.
- NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR EXPENSES INCURRED DUE TO SOIL CONDITIONS, GROUNDWATER, AND/OR ROCK EXCAVATION. ALL OF THESE ITEMS SHALL BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
- THE COST OF ALL Dewatering REQUIRED FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
- THE DIRECT OR INDIRECT DISCHARGE OR PUMPING OF UNFILTERED SEDIMENT-LADEN WATER INTO THE STORM DRAINAGE SYSTEM OR WATERCOURSE IS ILLEGAL AND PROHIBITED.
- ANY WELL, WELL POINT, PIT, OR OTHER DEVICE INSTALLED FOR THE PURPOSE OF LOWERING THE GROUND WATER TO FACILITATE CONSTRUCTION OF THIS PROJECT SHALL BE PROPERLY ABANDONED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 3745-9-10 OF THE OHIO ADMINISTRATIVE CODE OR IN ACCORDANCE WITH THE PROVISIONS OF THIS PLAN AS DIRECTED BY THE DIRECTOR OF PUBLIC UTILITIES OR HIS REPRESENTATIVE.
- ANY CONTRACTOR INSTALLING ANY WELL, WELL POINT, PIT, OR OTHER DEVICE USED FOR THE PURPOSE OF REMOVING GROUND WATER FROM AN AQUIFER SHALL COMPLETE AND FILE A WELL LOG AND DRILLING REPORT FORM WITH THE OHIO DEPARTMENT OF NATURAL RESOURCES (ODNR), DIVISION OF WATER, WITHIN 30 DAYS OF THE WELL COMPLETION IN ACCORDANCE WITH THE OHIO REVISED CODE SECTION 1521.01 AND 1521.05 IN ADDITION TO ANY SUCH FACILITY IS COMPLETED IN ACCORDANCE WITH SECTION 1521.16 OF THE OHIO REVISED CODE. FOR COPIES OF THE NECESSARY WELL LOG, DRILLING REPORT, OR REGISTRATION FORMS, PLEASE CONTACT: DIVISION OF WATER, OHIO DEPARTMENT OF NATURAL RESOURCES, FOUNTAIN SQUARE, COLUMBUS, OHIO 43224, (614)2667177.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE TO THE ODNR FOR THE REGISTRY, MAINTENANCE, AND ABANDONMENT OF ANY WITHDRAWAL DEVICE USED IN CONSTRUCTION OF THIS PROJECT.
- ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT AND/OR FACE OF CURB, UNLESS OTHERWISE NOTED.
- ALL SITE SIGNAGE, STRIPING COLOR AND WIDTH SHALL BE PER THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- ALL EXISTING PAVEMENTS, WALKS, CURBS, ETC. SHALL BE SAWCUT BEFORE REMOVAL. IF, DURING CONSTRUCTION, THE PAVEMENT, WALKWAY, CURB, ETC. IS DAMAGED BEYOND THE ORIGINAL SAWCUT, THE DAMAGED AREA SHALL BE RECUIT TO NEAT LINES AS DIRECTED BY THE ENGINEER. PAYMENT FOR SAWCUTTING SHALL BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
- THE CONTRACTOR SHALL SAWCUT EXISTING PAVEMENT TO PROVIDE A SMOOTH VERTICAL FULL DEPTH BUTT JOINT BETWEEN THE EXISTING PAVEMENT OR CURBS AND THE PROPOSED PAVEMENT. CONTRACTOR SHALL LOCATE SOUND PAVEMENT EDGE AND CUT AND TRIM PAVEMENT TO A NEAT LINE. INCLUDE THE COST OF PAVEMENT REMOVAL AND DISPOSAL IN THE PRICE BID FOR THE PROJECT.

GRADING NOTES

- CONTRACTOR TO REMOVE TREES AND CLEAR AREAS AS NECESSARY TO PERFORM ALL SITE WORK INCLUDING GRADING AND UTILITY WORK.
- PROTECTION OF EXISTING TREES AND VEGETATION: PROTECT EXISTING TREES AND OTHER VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING OR SKINNING OF ROOTS, SKINNING OR BRUISING OF BARK, SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION MATERIALS OR EXCAVATED MATERIALS WITH DRAIN LINE, EXCESS FUEL OR VEHICULAR TRAFFIC, OR PARKING OF EQUIPMENT WITHIN DRP LINE. PROVIDE TEMPORARY GUARDS TO PROTECT TREES AND VEGETATION TO BE LEFT STANDING.
- ALL ELEVATIONS SHOWN ARE FINISHED GRADE ELEVATIONS.
- SITE BUILDING PAD EXCAVATION AND CONSTRUCTION TO BE PER GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. BUILDING PAD PREPARATION SHALL BEGIN BY CLEARING & STRIPPING UNSUITABLE MATERIAL FROM PAD SITE. THEN PLACE & COMPACT BACKFILL MATERIAL AT GEOTECHNICAL ENGINEERS AND ARCHITECTS RECOMMENDATIONS. ALL BACKFILL MATERIAL MUST BE ACCEPTABLE TO THE GEOTECHNICAL ENGINEER.
- ALL FILL UNDER PAVEMENT SHALL BE COMPACTED TO THE GEOTECHNICAL ENGINEERS RECOMMENDATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR BALANCING THE SITE EARTHWORK ON SITE. THE CONTRACTOR IS RESPONSIBLE FOR BURY/BORROW PITS AS NEEDED TO BALANCE THE SITE. GEOTECH AND ENGINEER MUST APPROVE AREAS PRIOR TO BURY/BORROW OPERATIONS. AS-BUILT OF BURY/BORROW PIT WILL BE REQUIRED AT COMPLETION OF CONSTRUCTION WORK AND MUST BE SUBMITTED TO THE CONSTRUCTION MANAGER.
- CONTRACTOR SHALL IMPLEMENT ALL SOIL AND EROSION CONTROL PRACTICES REQUIRED BY THE CITY OF WEST CARROLLTON AND THE OHIO EPA.
- ALL GROUND SURFACE AREAS THAT HAVE BEEN EXPOSED OR LEFT BARE AS A RESULT OF CONSTRUCTION AND ARE TO FINAL GRADE AND ARE TO REMAIN SO, SHALL BE SEEDED AND MULCHED AS SOON AS PRACTICAL IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. IF NO SPECIFICATIONS ARE SUPPLIED, USE DOOT ITEM 659.
- CONTRACTOR TO LAYOUT BUILDING BASED ON ARCHITECTURAL FOUNDATION PLANS. SITE PLAN IS FOR CONCEPTUAL PURPOSES ONLY.

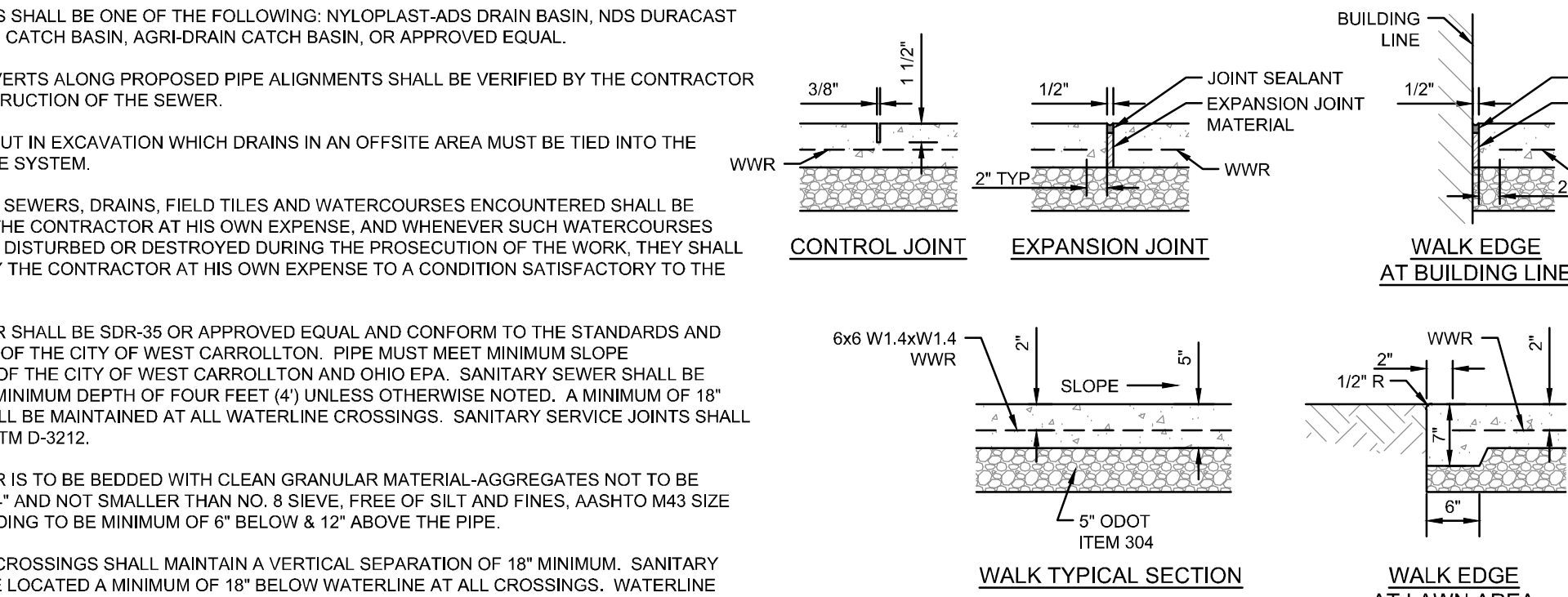
UTILITY NOTES

- ALL DRAIN TILE AND STORM SEWERS DAMAGED, DISTURBED OR REMOVED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED WITH THE SAME QUALITY PIPE OR BETTER, MAINTAINING THE SAME GRADIENT AS EXISTING. THE DRAIN TILE AND/OR STORM SEWER SHALL BE CONNECTED TO THE CURB SUBDRAIN, STORM SEWER SYSTEM OR OUTLETTED INTO THE ROADWAY DITCH AS APPLICABLE. REPLACED DRAIN TILE/STORM SEWER SHALL BE LAID ON COMPACTED BEDDING EQUAL IN DENSITY TO SURROUNDING STRATUM. REPLACEMENT SHALL BE DONE AT THE TIME OF THE BACKFILL OPERATION. COST OF THIS WORK TO BE INCLUDED IN THE PRICE BID FOR THE PROJECT.
- ALL EXISTING UTILITIES KNOWN TO EXIST HAVE BEEN SHOWN ON THESE PLANS IN THEIR APPROXIMATE LOCATION. PRIOR TO THE BEGINNING OF CONSTRUCTION OR EARTH MOVING OPERATIONS, THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF THE UTILITIES SHOWN. THE CONTRACTOR IS ALSO RESPONSIBLE FOR THE PROTECTION AND/OR RELOCATION OF ANY UTILITIES THAT MAY EXIST AND ARE NOT SHOWN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION AND/OR PROTECTION OF ANY UTILITIES AS REQUIRED BY THE PLAN WITH THE OWNER OF THE AFFECTED UTILITY.
- UTILITY POLES WITHIN INFLUENCE OF THE UTILITY OPERATIONS SHALL BE REINFORCED BY THE UTILITY COMPANY PRIOR TO THE BEGINNING OF CONSTRUCTION. NOTIFICATION OF THE UTILITY COMPANY PRIOR TO CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- COMPACTED FILLS ARE TO BE MADE TO A MINIMUM OF THREE FEET ABOVE THE CROWN OF ANY PROPOSED SEWER PRIOR TO CUTTING OF TRENCHES FOR PLACEMENT OF SAID SEWERS. ALL FILLS SHALL BE CONTROLLED, COMPACTED, AND INSPECTED BY AN APPROVED TESTING LABORATORY OR AN INSPECTOR FROM THE APPROPRIATE GOVERNMENTAL AGENCY.
- CONTRACTOR TO REPLACE ANY PAVEMENT OR UTILITIES DAMAGED WHICH ARE NOT SPECIFIED TO BE REMOVED ON THESE PLANS.
- ALL CATCH BASINS PLACED WITHIN THE PAVEMENT SHALL HAVE HEAVY DUTY FRAMES AND GRATES AND CONFORM TO ADA REQUIREMENTS.
- ADJUST ALL EXISTING CASTINGS AND CLEANOUTS WITHIN PROJECT AREA TO GRADE AS REQUIRED.
- ALL CATCH BASINS WITH DEPTH GREATER THAN 4'-0" SHALL BE PROVIDED WITH STEPS. STEPS SHALL MEET THE REQUIREMENTS OF DOOT ITEM 611.
- ALL STORM AND SANITARY SEWER MANHOLES WITH A DEPTH GREATER THAN 4' SHALL BE PROVIDED WITH STEPS. STEPS SHALL MEET THE REQUIREMENTS OF DOOT ITEM 611.
- DISTANCES SHOWN FOR BOTH SANITARY AND STORM SEWER PIPES ARE MEASURED FROM CENTER OF STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR ACTUAL FIELD CUT LENGTH. COORDINATES FOR STORM AND SANITARY STRUCTURES ARE SHOWN TO THE CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.
- IMMEDIATELY AFTER PLACEMENT OF ANY CONDUITS, THE CONTRACTOR SHALL CONSTRUCT THE END TREATMENTS REQUIRED BY THE PLANS AT BOTH THE OUTLET AND INLET ENDS. THIS SHALL INCLUDE HEADWALLS, CONCRETE RIP RAP, ROCK CHANNEL PROTECTION, SODDING, POURING BOTTOMS, MULDING LIFT HOLES, ETC.
- ALL PROPOSED STORM SEWERS, SURFACE OR OTHER DRAINAGE FACILITIES ARE TO BE PRIVATE AND MAINTAINED BY THE OWNER. EROSION CONTROL MEASURES MUST PROVIDE PROTECTION UNTIL COMPLETION OF THE PROJECT AND VEGETATIVE STABILIZATION.
- THE CONTRACTOR IS TO CONSTRUCT CURBS, CATCH BASINS, DOWNSPOUTS, PIPING AND CONNECTIONS ETC. AS REQUIRED TO CONVEY THE ROOF AND PAVED SURFACE DRAINAGE TO THE DETENTION BASIN.
- ROOF DRAINS, FOUNDATION DRAINS AND ALL OTHER CLEAR WATER CONNECTIONS TO THE SANITARY SEWER SYSTEMS ARE PROHIBITED.
- SITE CONTRACTOR SHALL PICK UP ALL UTILITIES, WITH THE EXCEPTION OF DOWNSPOUTS, 5' OUTSIDE BUILDING WALL. COORDINATE WITH CONSTRUCTION MANAGER.
- ALL STORM STRUCTURES ARE DOOT TYPES UNLESS OTHERWISE INDICATED.
- STORM SEWER PIPE LABELED "STM" SHALL BE ONE OF THE FOLLOWING: PVC SDR-35 PER DOOT ITEM 707.45, PVC PROFILE PIPE PER DOOT ITEM 707.45, HIGH DENSITY POLYETHYLENE PER DOOT ITEM 707.33, ALUMINIZED CORRUGATED METAL, DOOT ITEM 707.01, 707.02, OR REINFORCED CONCRETE PIPE, DOOT ITEM 706.02 CLASS IV. STORM SEWER PIPE LABELED "RSP" SHALL BE REINFORCED CONCRETE PIPE, DOOT ITEM 706.02 CLASS IV. ALL STORM IS TO BE INSTALLED PER DOOT ITEM 611. ALL STORM PIPE USED MUST HAVE A MANUFACTURER SPECIFIED FRICTION FACTOR OF 0.013 (N=0.013) OR LESS.
- ALL CATCH BASINS IN THE PAVEMENT ARE TO HAVE 4" PERFORATED UNDERDRAINS EXTENDING TO 1' FROM THE CATCH BASIN IN THE UPHILL DIRECTION AND CAPPED. ALL CATCH BASINS IN THE CURB ARE TO HAVE 2" 4" PERFORATED UNDERDRAINS EXTENDING TO 1' FROM THE CATCH BASIN IN THE UPHILL DIRECTION AND CAPPED.
- FOR EXACT LOCATION OF DOWNSPOUTS & ROOF DRAINS, COORDINATE WITH CONSTRUCTION MANAGER. ALL ROOF DRAINS ARE TO BE 8" UNLESS OTHERWISE NOTED.

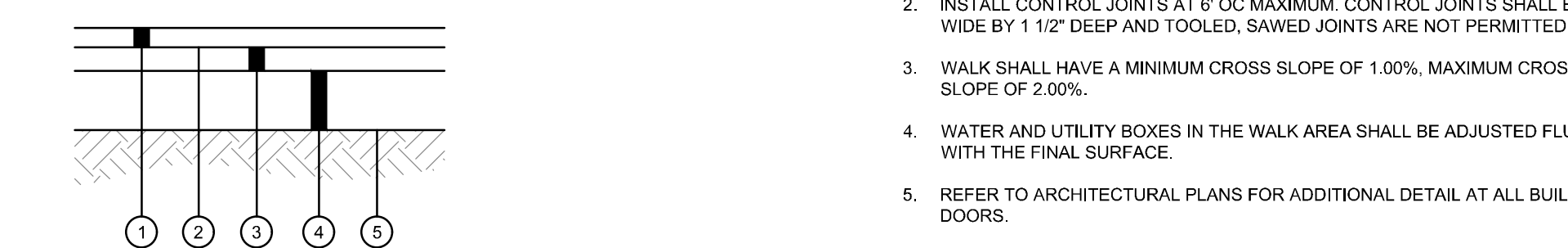
NOTE: UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPIATION OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 811 OR 1-800-365-2784 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.



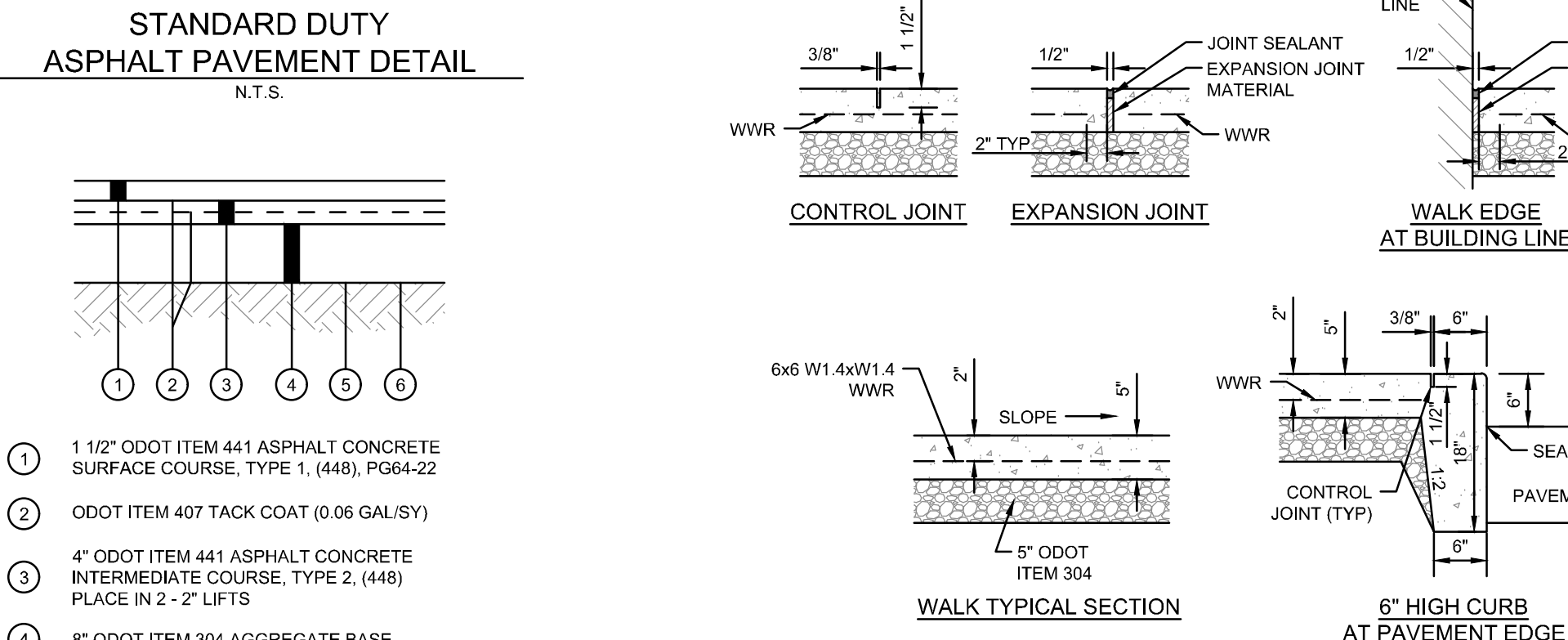
- ALL YARD DRAINS SHALL BE ONE OF THE FOLLOWING: NYLOPLAST-ADD DRAIN BASIN, NOS DURACAST FABRICATED PVC CATCH BASIN, AGRI DRAIN CATCH BASIN, OR APPROVED EQUAL.
- ALL EXISTING INVERTS ALONG PROPOSED PIPE ALIGNMENTS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION OF THE SEWER.
- ANY FIELD TILE CUT IN AN EXCAVATION WHICH DRAINS IN AN OFFSITE AREA MUST BE TIED INTO THE STORM DRAINAGE SYSTEM.
- THE FLOW IN ALL SEWERS, DRAINS, FIELD TILES AND WATERCOURSES ENCOUNTERED SHALL BE MAINTAINED BY THE CONTRACTOR AT HIS OWN EXPENSE, AND WHENEVER SUCH WATERCOURSES AND DRAINS ARE DISTURBED OR DESTROYED DURING THE PROSECUTION OF THE WORK, THEY SHALL BE RESTORED BY THE CONTRACTOR AT HIS OWN EXPENSE TO A CONDITION SATISFACTORY TO THE ENGINEER.
- SANITARY SEWER SHALL BE SDR-35 OR APPROVED EQUAL, AND CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY OF WEST CARROLLTON. PIPE MUST MEET MINIMUM SLOPE REQUIREMENTS OF THE CITY OF WEST CARROLLTON AND OHIO EPA. SANITARY SEWER SHALL BE INSTALLED AT A MINIMUM DEPTH OF FOUR FEET (4') UNLESS OTHERWISE NOTED. A MINIMUM OF 18" CLEARANCE SHALL BE MAINTAINED AT ALL WATERLINE CROSSINGS. SANITARY SERVICE JOINTS SHALL CONFORM TO ASTM D-5212.
- SANITARY SEWER IS TO BE BEDDED WITH CLEAN GRANULAR MATERIAL-AGGREGATES NOT TO BE LARGER THAN 3/4" AND NOT SMALLER THAN NO. 8 S&W, FREE OF SLT AND FINES, ASHSTO M&S SIZE #67.1 OR 8. BEDDING TO BE MINIMUM OF 6" BELOW & 12" ABOVE THE PIPE.
- ALL WATERLINE CROSSINGS SHALL MAINTAIN A VERTICAL SEPARATION OF 18" MINIMUM. SANITARY SEWER SHALL BE LOCATED A MINIMUM OF 18" BELOW WATERLINE AT ALL CROSSINGS. WATERLINE SHALL BE LOCATED A MINIMUM OF 10" HORIZONTALLY FROM ANY SANITARY SEWER. ALL MEASUREMENTS SHALL BE TAKEN FROM OUTSIDE OF SEWER PIPE TO THE OUTSIDE OF WATERLINE PIPE. ONE FULL LENGTH OF WATERLINE PIPE SHALL BE MAINTAINED AT ALL CROSSINGS TO ENABLE BOTH JOINTS TO BE LOCATED AS FAR FROM SEWER AS POSSIBLE. ALL WATER SHALL HAVE A MINIMUM OF 4" OF COVER.
- WATERLINE SHALL BE DUCTILE IRON PIPE CLASS 52, MINIMUM 260 PSI. (ADD SPECIAL NOTE FOR WATERLINE 2 INCHES AND UNDER TO BE "K" COPPER OR POLYBUTYLENE, MAKE SURE SPEC FOLLOWS)



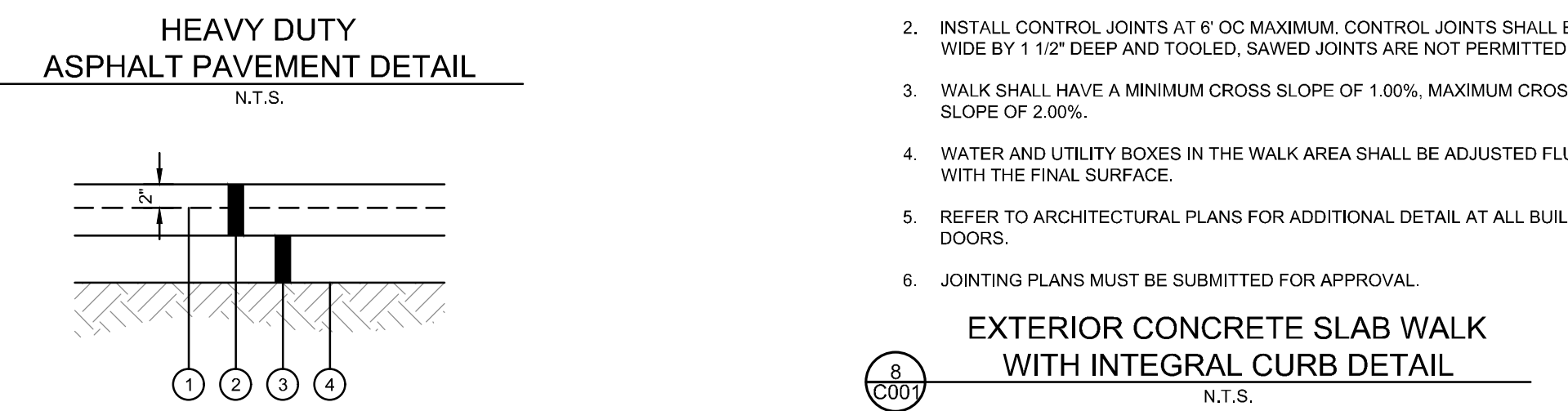
- NOTES:
- INSTALL EXPANSION JOINTS AT 30' OC MAXIMUM AND WHERE SLAB ABUTS STRUCTURES. WHERE NEW WALK ABUTS ADJOINING WALK, SAWCUT EXISTING WALK TO NEAREST JOINT AND INSTALL EXPANSION JOINT. EXPANSION JOINTS SHALL BE 12" WIDE BY DEPTH OF SLAB. SEAL ALL EXPANSION JOINTS.
 - INSTALL CONTROL JOINTS AT 6' OC MAXIMUM. CONTROL JOINTS SHALL BE 3/8" WIDE BY 1 1/2" DEEP AND TOOLED. SAWED JOINTS ARE NOT PERMITTED.
 - WALK SHALL HAVE A MINIMUM CROSS SLOPE OF 1.00%, MAXIMUM CROSS SLOPE OF 2.00%.
 - WATER AND UTILITY BOXES IN THE WALK AREA SHALL BE ADJUSTED FLUSH WITH THE FINAL SURFACE.
 - REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL DETAIL AT ALL BUILDING DOORS.
 - JOINTING PLANS MUST BE SUBMITTED FOR APPROVAL.



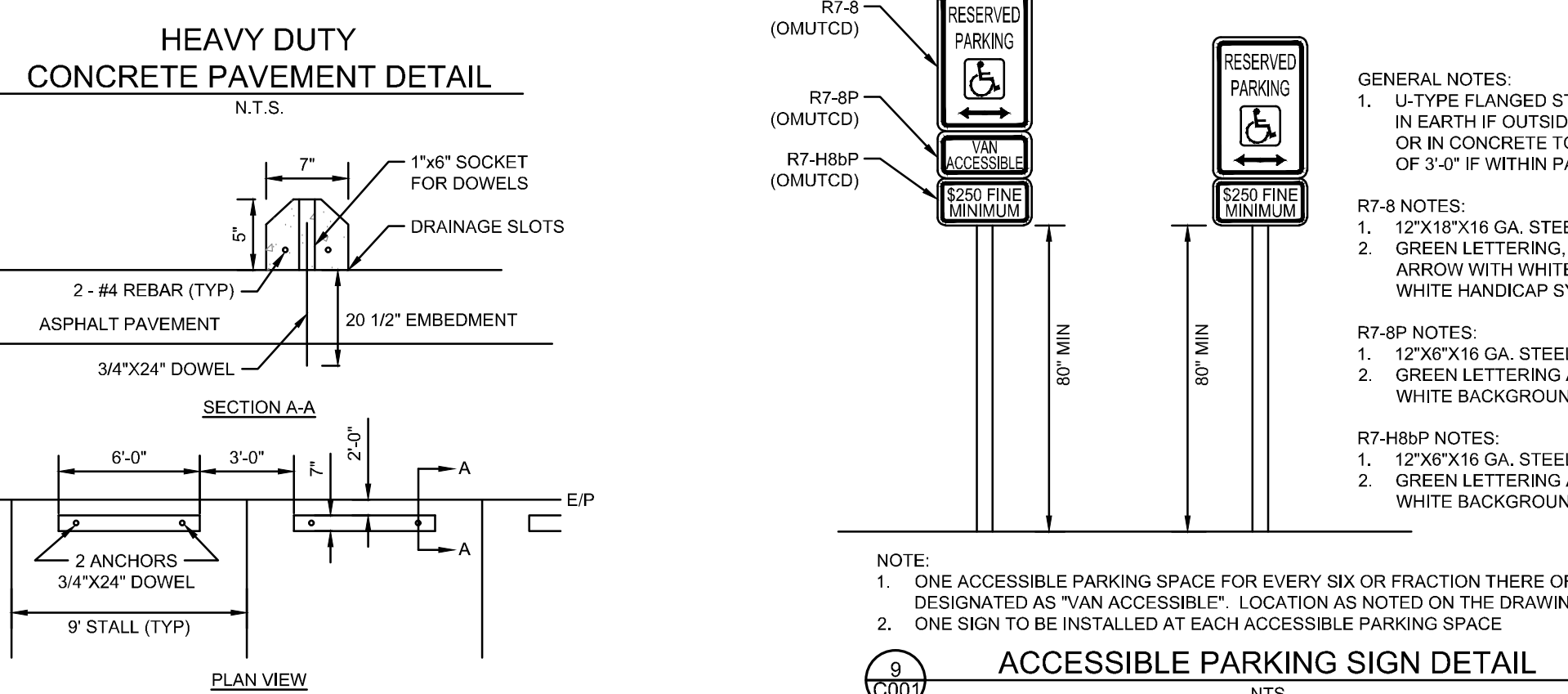
- EXTERIOR CONCRETE SLAB WALK DETAIL
- N.T.S.
- 1 1/2" DOOT ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22
 - DOOT ITEM 407 TACK COAT (0.06 GAL/SY)
 - 2" DOOT ITEM 441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)
 - 8" DOOT ITEM 304 AGGREGATE BASE
 - SUBGRADE COMPACTION, REFERENCE DOOT ITEM 204, EARTHWORK SPECIFICATION 312000 AND SOILS REPORT



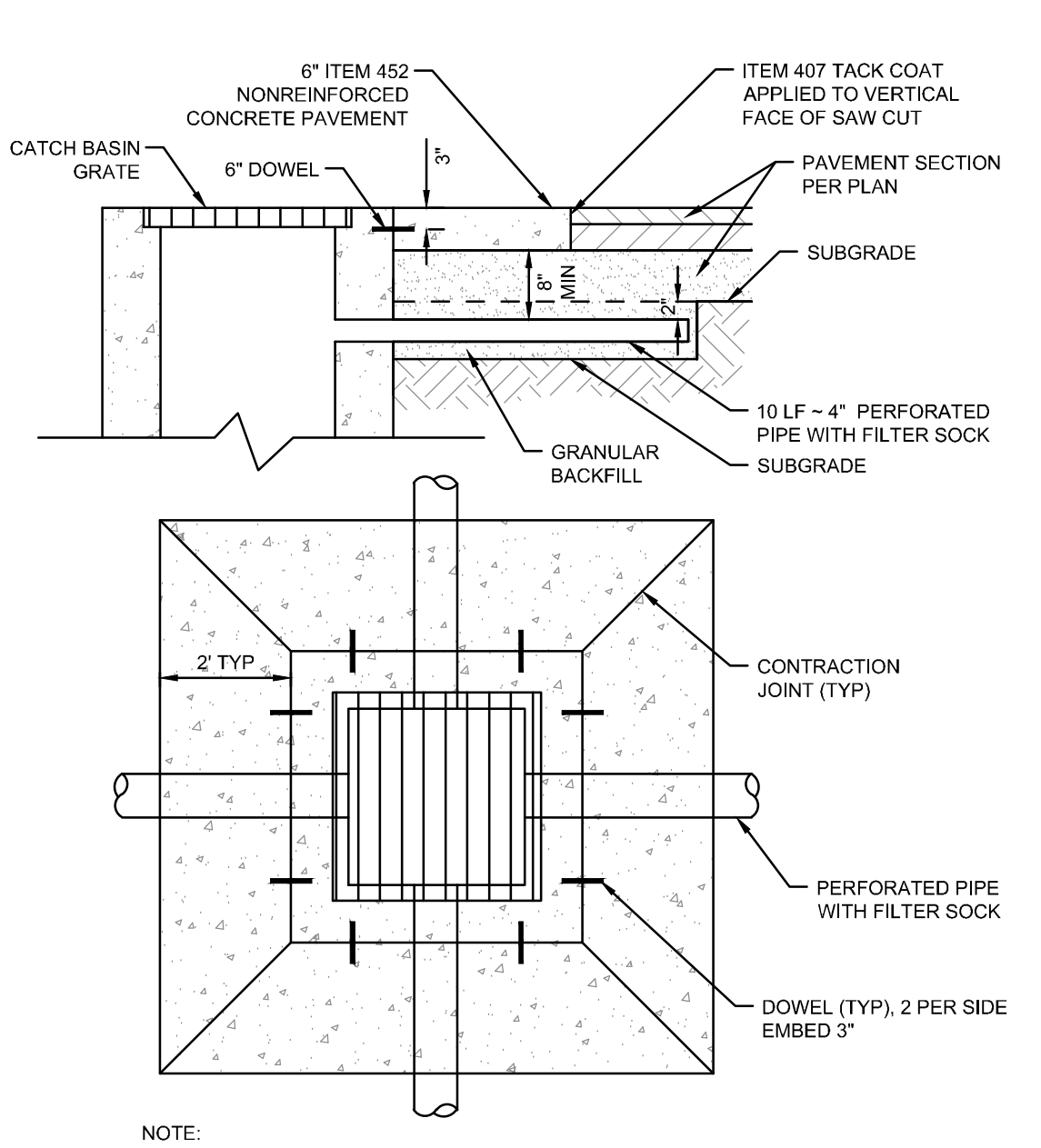
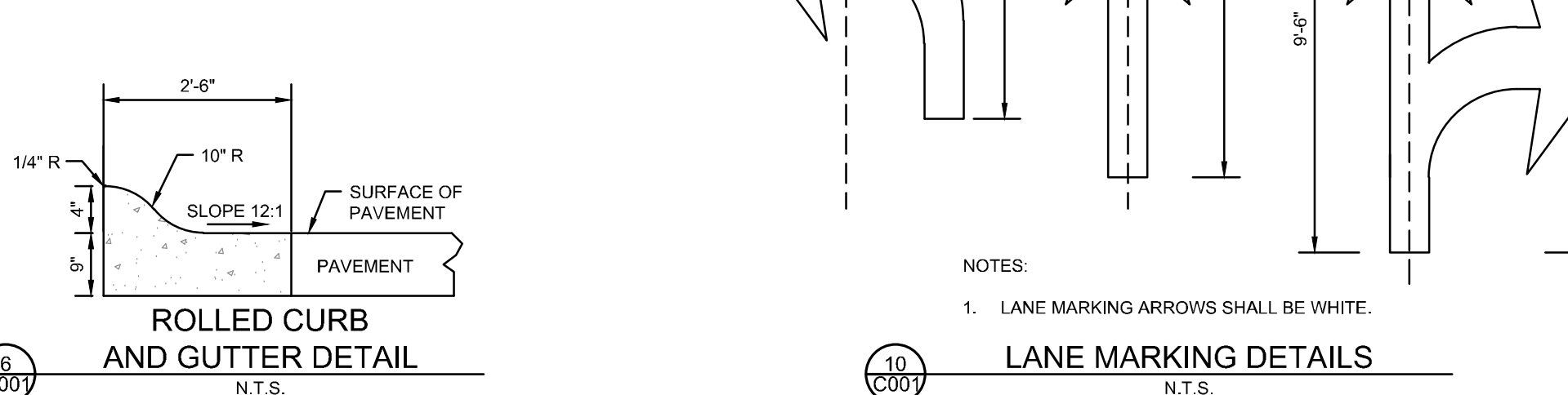
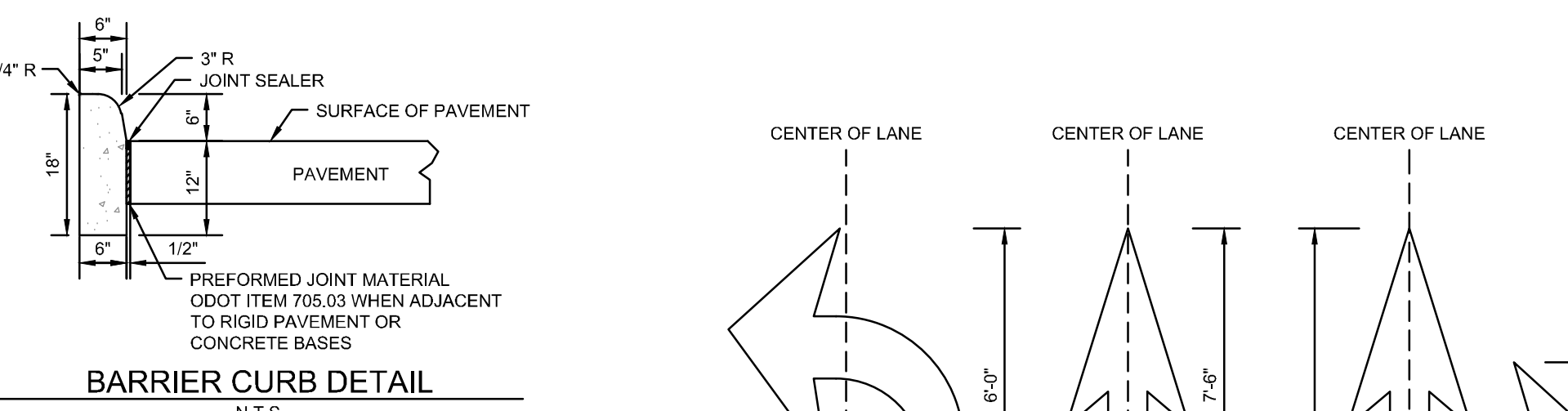
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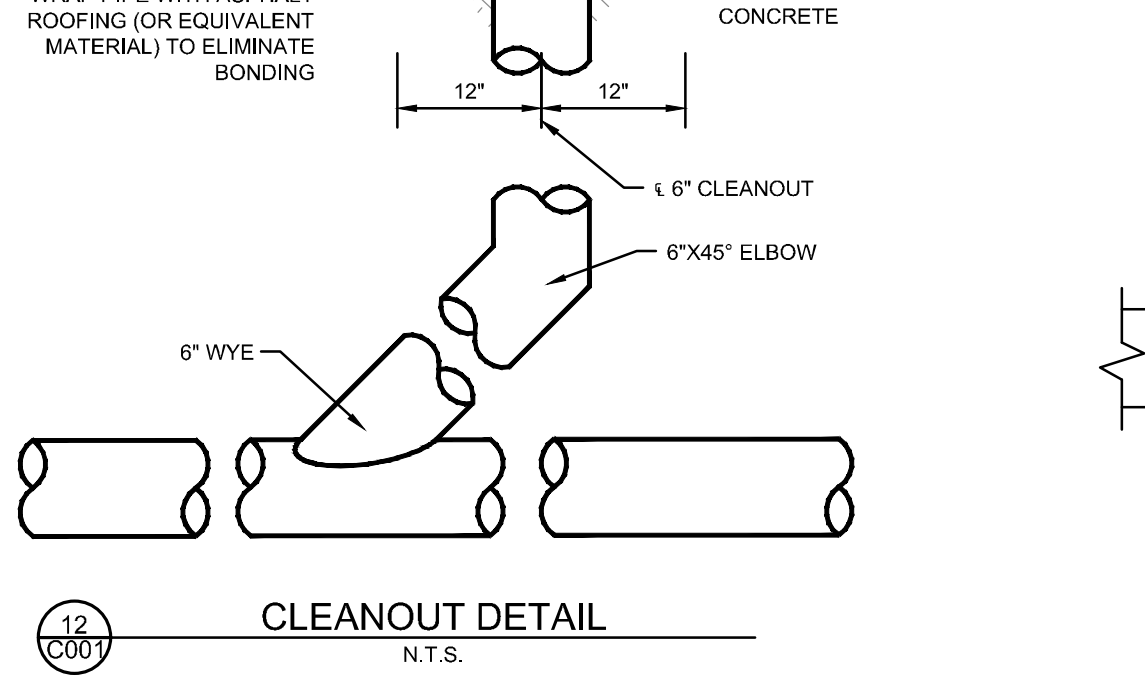
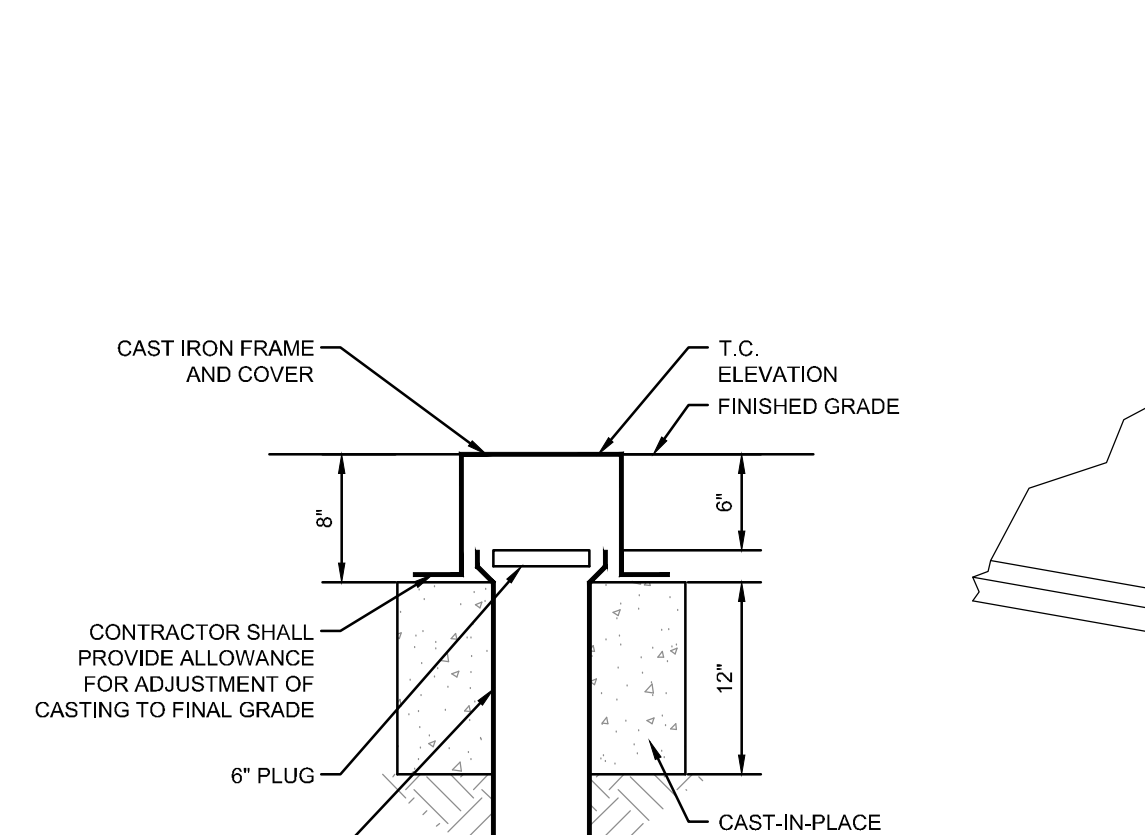
- EXTERIOR CONCRETE SLAB WALK WITH INTEGRAL CURB DETAIL
- N.T.S.
- 6X6 W4XW4 WELDED WIRE REINFORCEMENT
 - 8" DOOT ITEM 451 NONREINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, CLASS OC1P
 - 6" DOOT ITEM 304 AGGREGATE BASE
 - SUBGRADE COMPACTION, REFERENCE DOOT ITEM 204, EARTHWORK SPECIFICATION 312000 AND SOILS REPORT



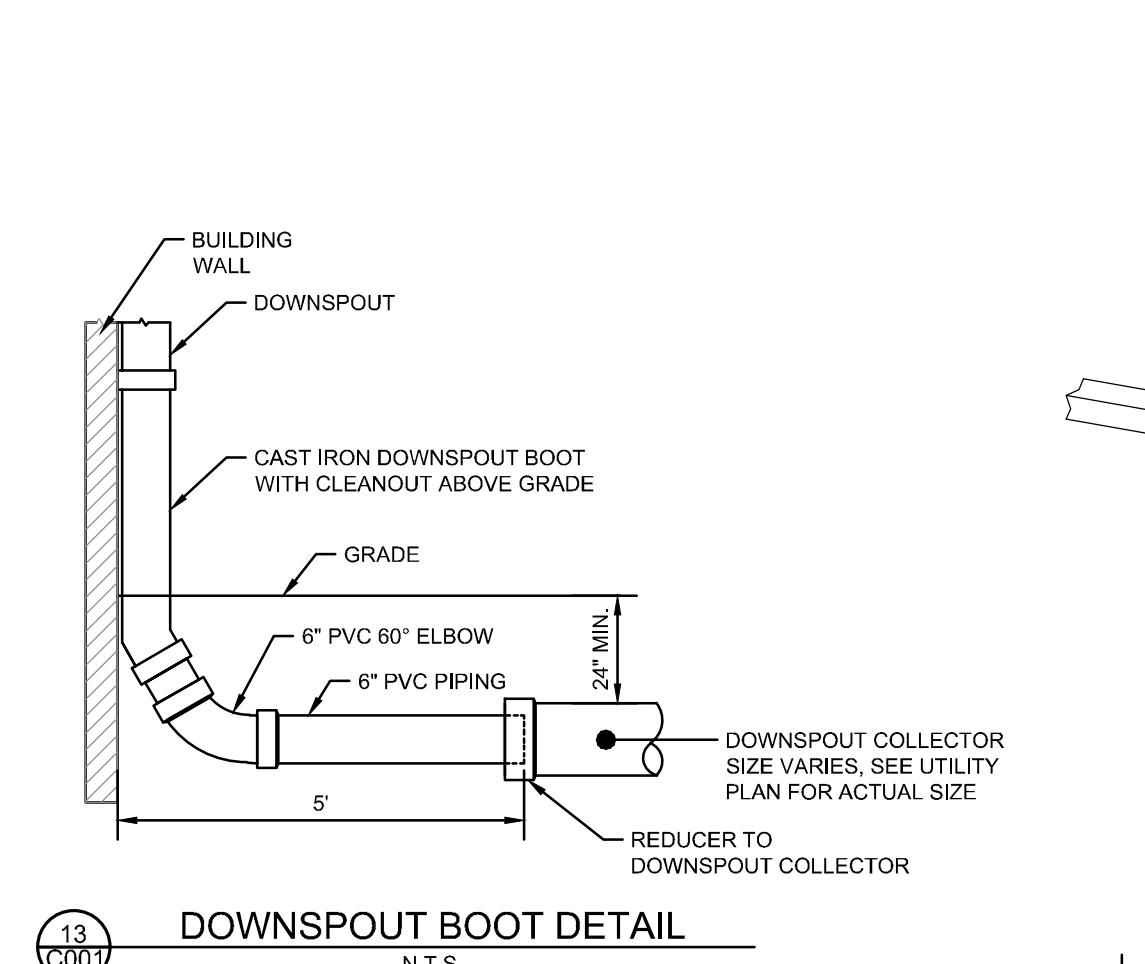
- NOTES:
- ONE ACCESSIBLE PARKING SPACE FOR EVERY SIX OR FRACTION THERE OF SHALL BE DESIGNATED AS "VAN ACCESSIBLE". LOCATION AS NOTED ON THE DRAWINGS.
 - ONE SIGN TO BE INSTALLED AT EACH ACCESSIBLE PARKING SPACE



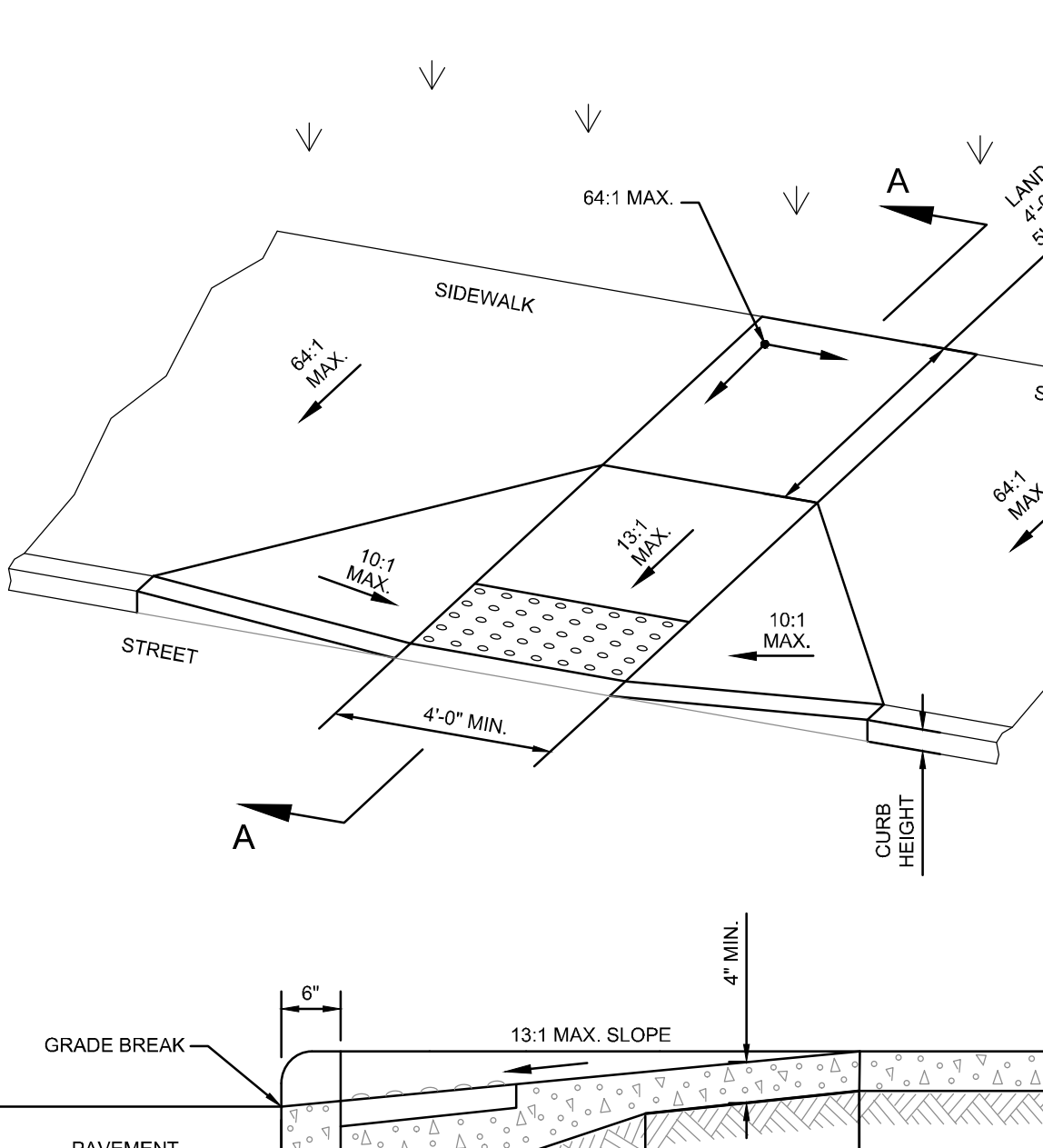
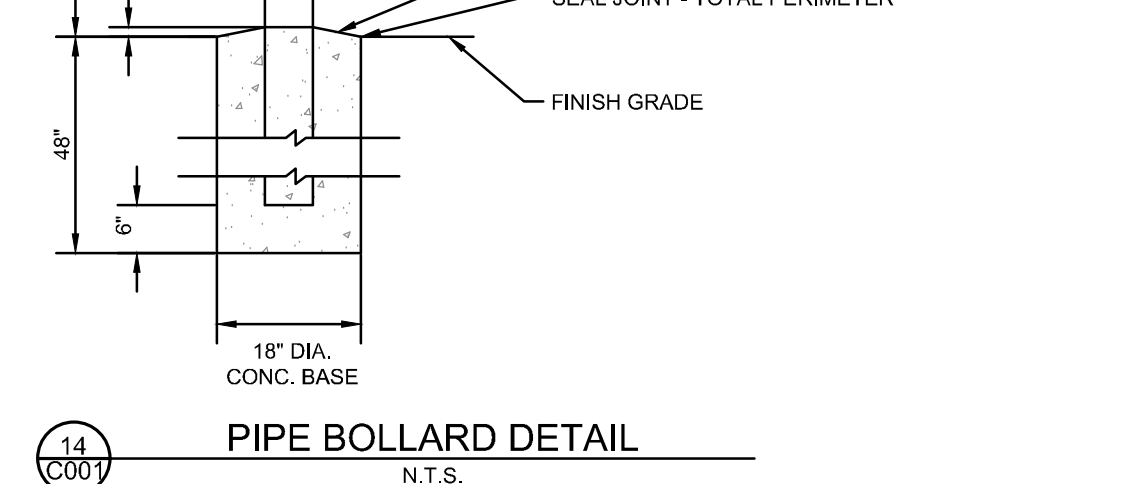
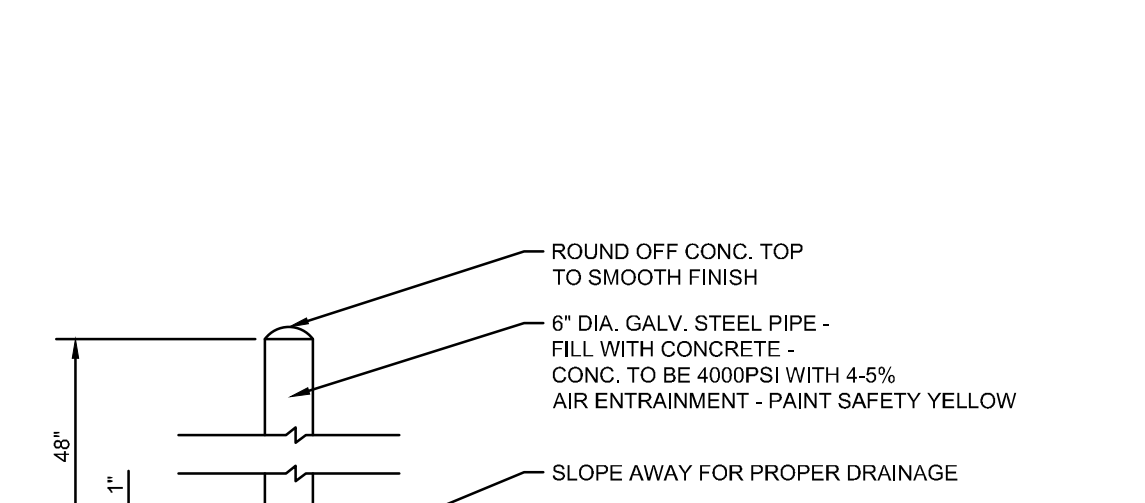
- NOTES:
- INSTALL FINGER DRAINS AT ALL CATCH BASINS IN PAVEMENT



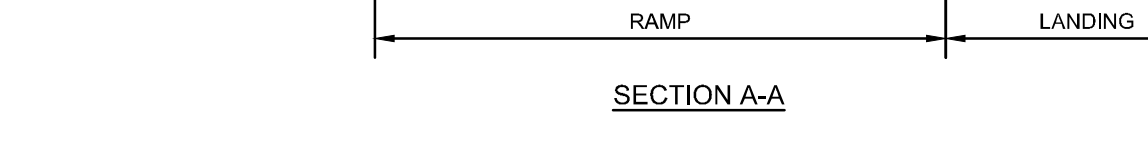
- GENERAL NOTES:
- 1/4" TYPE FLANGED STEEL SIGN POST SET IN EARTH IF OUTSIDE PAVEMENT EDGE, OR IN CONCRETE 1" TO A MINIMUM DEPTH OF 2'-0" IF WITHIN PAVEMENT.
 - 12"X18"X16 GA. STEEL SIGN
 - GREEN LETTERING, BORDER, AND ARROW WITH WHITE BACKGROUND. WHITE HANDICAP SYMBOL IN BLUE BOX.



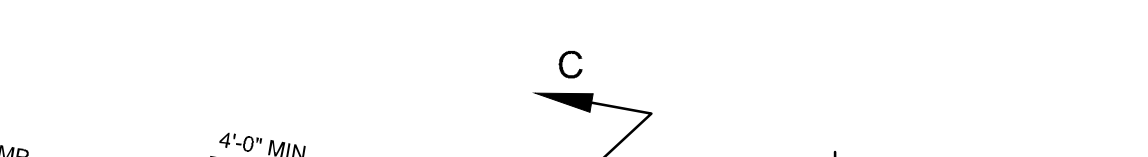
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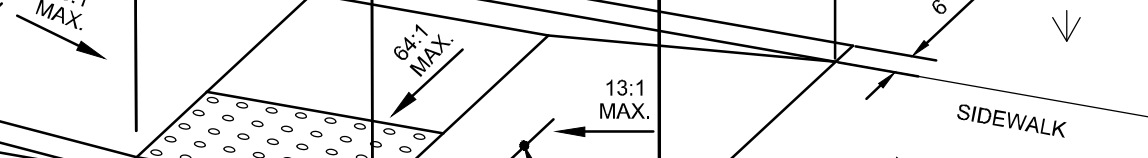
- NOTES:
- WHILE RAMPS MAY BE SKEWED TO THE CROSSWALK, THE ENTIRE LOWER LANDING AREA MUST FALL WITHIN THE CROSS WALK THAT THE RAMP SERVES AND CANNOT BE LOCATED IN THE TRAVELED LANE OF OPPOSING TRAFFIC.
 - THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE FOOT OF A CURB RAMP, LANDING, OR BLENDED TRANSITIONS SHALL BE 2:01 OR FLATTER.
 - THE BOTTOM EDGE OF THE RAMP SHALL CHANGE PLANES PERPENDICULAR TO THE LANDING.
 - THE EDGE OF THE CURB SHALL BE FLUSH WITH THE EDGE OF THE ADJACENT PAVEMENT AND GUTTER AND SURFACE SLOPES THAT MEET GRADE BREAKS SHALL ALSO BE FLUSH.
 - RAMP LANDINGS SHALL BE 4' MIN. X 4' MIN. WITH A 6:1 OR FLATTER CROSS SLOPE AND RUNNING SLOPE.
 - DETECTABLE WARNINGS: INSTALL DETECTABLE WARNINGS ON EACH CURB RAMP WITH APPROVED MATERIALS AS PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
 - DRAINAGE: CONTRACTOR IS TO ENSURE THE BASE OF EACH CONSTRUCTED CURB RAMP ALLOWS FOR PROPER DRAINAGE, WITHOUT EXCEEDING ALLOWABLE CROSS SLOPE OR RAMP SLOPES. VERTICAL CHANGE IN LEVEL EXCEEDING 1/2" BETWEEN THE 1) PAVEMENT AND GUTTER, AND 2) GUTTER AND RAMP, ARE NOT ALLOWED.
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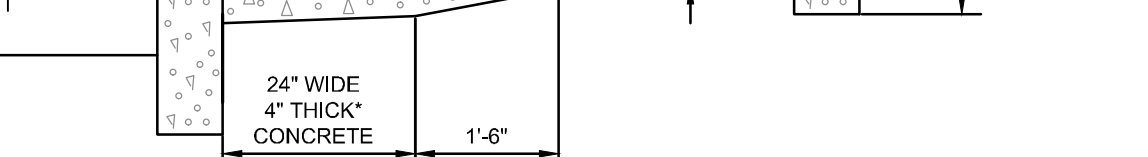
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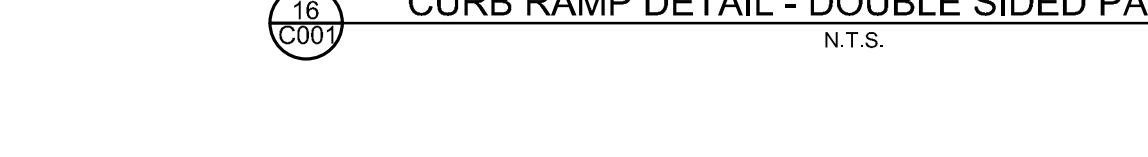
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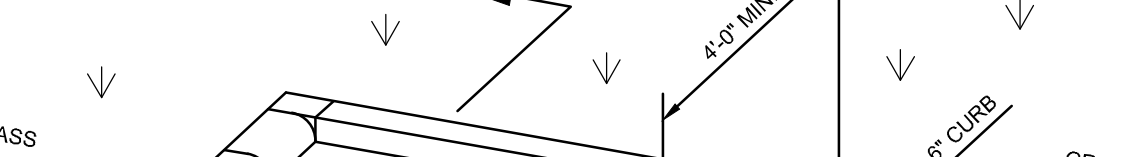
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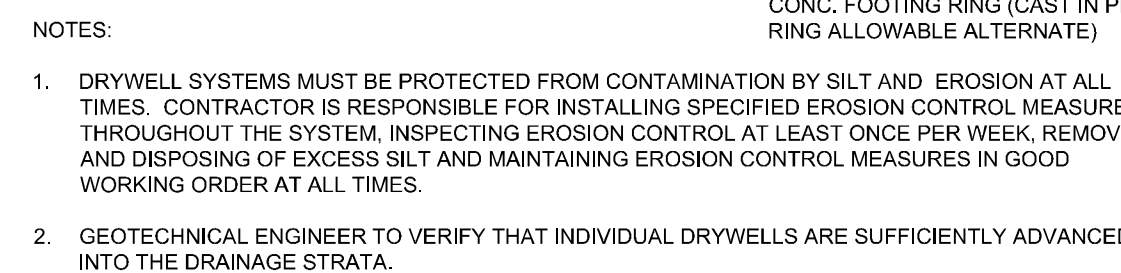
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 - THE BOTTOM EDGE OF THE RAMP SHALL CHANGE



PROJECT DATA

PROJECT DESCRIPTION
CONSTRUCTION OF NEW 2-4 SCHOOL BUILDING WITH A NEW PARKING LOT AND ASSOCIATED WALKS

LATITUDE: N 39°40'33.74"
LONGITUDE: W 84°14'48.34"
ESTIMATED CONSTRUCTION DATES: SPRING 2024 - FALL 2025

TOTAL SITE AREA: 8.83 ACRES
TOTAL DISTURBED AREA: 6.77 ACRES

EXISTING IMPERVIOUS AREA: 1.33 ACRES
PROPOSED IMPERVIOUS AREA: 4.03 ACRES
TOTAL IMPERVIOUS AREA AFTER CONSTRUCTION: 4.03 ACRES
INCREASE IN IMPERVIOUS AREA: 203%

PRE-CONSTRUCTION RUNOFF COEFFICIENT: C=0.44
POST-CONSTRUCTION RUNOFF COEFFICIENT: C=0.63

IMMEDIATE RECEIVING WATERMS4: LOCAL STORM SEWER SYSTEM
ULTIMATE RECEIVING STREAM: GREAT MIAMI RIVER

EXISTING LAND USE: FIELD WITH MISCELLANEOUS BUILDINGS

SOILS: Fub - FOX-URBAN LAND COMPLEX, 2 TO 6 PERCENT SLOPES

CONSTRUCTION SEQUENCE

TO COMPLETE THE EXCAVATION AND CONSTRUCTION OF THE PROPOSED JOB IMPROVEMENTS, COORDINATION OF THE CONTRACTOR'S WORK CREWS WILL BE REQUIRED. THE EXISTING DITCHES WILL PERFORM TEMPORARY SEDIMENT CONTROL AND STORAGE DURING THE PROPOSED CONSTRUCTION. WORK WILL GENERALLY PROCEED FROM DOWNSTREAM TO UPSTREAM IN THESE WORK AREAS. THE GENERAL CONSTRUCTION SEQUENCE IS AS FOLLOWS:

- INSTALL EROSION CONTROL ITEMS.
- STRIP TOPSOIL AND ANY UNSUITABLE MATERIAL THROUGH THE INCREMENTAL WORK AREA.
- INSTALL TEMPORARY DITCH CHECKS IN DOWNSTREAM END OF EXISTING DITCH WITHIN 24 HOURS FOLLOWING THE STRIPPING OPERATION.
- IF U/G PIPE IS CALLED FOR IN THIS PORTION OF WORK AREA, PIPE CREW WILL INSTALL PIPE AS WELL AS MANHOLES.
- AS PIPE INSTALLATION PROGRESSES, REPAIR OF THE ROADWAY WILL PROCEED BEHIND IT.
- ANY DISTURBED OR EXPOSED AREAS SHALL BE STABILIZED PER OEPA TEMPORARY AND PERMANENT STABILIZATION REGULATIONS INCLUDING:
 - SEEDING
 - DITCH MATTING
 - INLET PROTECTION
 - MULCHING
 - WATERING

EMERGENCY ACTION & SPILL PREVENTION PLAN

THE SCOPE OF WORK COVERED BY THIS PLAN INCLUDES EMERGENCY RESPONSE TO SPILLS, CONTAINMENT OF SPILLED LIQUIDS, EMERGENCY NOTIFICATION NUMBERS, AND SOIL EXCAVATION FOR SPILL CLEAN-UP.

IN THE EVENT OF A SPILL EVENT THE EMPLOYEE SHALL ASSESS THE SPILL AND IMMEDIATELY NOTIFY THE SAFETY OFFICER AND SUPERVISOR IN CHARGE, OR OTHER INDIVIDUALS AS LISTED BELOW.

TITLE	NAME	PHONE NUMBER
SITE SUPERINTENDENT		
PROJECT ENGINEER		

IMMEDIATELY AFTER NOTIFICATION, THE EMPLOYEE WILL BE DIRECTED BY THE SAFETY OFFICER, OR RESPONSIBLE PARTY TO START CONTAINMENT PROCEDURES TO PREVENT THE MATERIAL FROM REACHING THE STORM SEWERS, DRAINAGE DITCH, AND OTHER OUTLETS USING THE FOLLOWING ACTIONS OR ANY OTHER MEANS NECESSARY WITHOUT COMPROMISING WORKER SAFETY:

- CLEAR PERSONNEL FROM THE SPILL AREA AND ROPE OFF AREA.
- STOP THE SPILL.
- USE SORBENT MATERIALS, PLUG PUTTY, OR HOLE PUTTY AS NECESSARY TO CONTROL THE SPILL AT THE SOURCE.
- CONSTRUCT A TEMPORARY CONTAINMENT DIKE OF SORBENT MATERIALS OR DIRT TO CONTAIN SPILL.

SPILL KITS WILL BE LOCATED ON THE PROJECT AS DESIGNATED ON THE SWPPP PLAN.

UPON COMPLETION OF CONTAINMENT OPERATIONS, PROPER CLEAN-UP PROCEDURES WILL BE IMPLEMENTED IN ACCORDANCE WITH REGULATORY PROCEDURES.

ADDITIONAL EMERGENCY CONTACT NUMBERS: 24 HOUR PHONE NO.:
OHIO EPA EMERGENCY RESPONSE CENTER 800-282-9378

WEST CARROLLTON FIRE DEPARTMENT 937-847-4645

MONTGOMERY COUNTY LOCAL EMERGENCY PLANNING COMMITTEE 937-901-5112

GENERAL NOTES

THE CONTRACTOR IS HEREBY ADVISED THAT STRICTER POLLUTION CONTROL STANDARDS AND ENFORCEMENT HAVE BEEN IMPOSED BY THE OHIO EPA SINCE MARCH 10, 2003 AND WITH A REVISION IN APRIL 2018. ALSO, MANY PRIVATE CITIZEN ENVIRONMENTAL GROUPS, WHO HAVE BEEN KNOWN TO FILE CIVIL LEGAL ACTIONS, ARE PRESENT IN THE AREA AND OBSERVE ALL CONSTRUCTION OPERATIONS.

THE CONTRACTOR SHALL INFORM ALL SUBCONTRACTORS OF THE REQUIREMENTS AND RESPONSIBILITIES OF THE SWPPP AND SHALL DOCUMENT ALL SUCH NOTIFICATIONS AND/OR DISCUSSIONS.

THE CONTRACTOR WILL BE REQUIRED TO PARTICIPATE IN SEDIMENT AND EROSION CONTROL INSPECTIONS ON A WEEKLY BASIS AND SIGN AN APPROVED INSPECTION SHEET THAT SHALL BE KEPT ON FILE AT THE JOB SITE.

UNLESS OTHERWISE NOTED, STANDARDS AND SPECIFICATIONS ESTABLISHED IN THE LATEST EDITION OF THE OEPA "RAINWATER AND LAND DEVELOPMENT" HANDBOOK SHALL GOVERN THE EROSION AND SEDIMENT CONTROL INSTALLATIONS SPECIFIED ON THIS PLAN.

THIS PROJECT WILL INVOLVE SEVERAL CONSTRUCTION PHASES AND SEQUENCING THROUGHOUT ITS LIFETIME. IT IS VERY IMPORTANT THAT ALL TEMPORARY SEDIMENT AND EROSION CONTROL (S&EC) FIELD METHODS ALONG WITH THIS PLAN, ARE UPDATED TO REFLECT THE ACTUAL FIELD CONDITIONS, CURRENT WEATHER CONDITIONS AND SITE GRADE CHANGES. THE ENGINEER OR THE OHIO EPA CAN AND WILL MODIFY THIS PLAN AS NECESSARY.

THE CONTRACTOR WILL VOLUNTARILY SELF REPORT ANY POTENTIAL VIOLATIONS OF THE OEPA NPDES PERMIT TO THE ENGINEER AND THE OEPA.

THE CONTRACTOR SHALL REMOVE EXISTING GROUND COVER ONLY AS NECESSARY FOR THE PROJECT PHASE CURRENTLY UNDER CONSTRUCTION.

CONSTRUCTION AND DEMOLITION DEBRIS SHALL BE PROPERLY DISPOSED OF ACCORDING TO OHIO EPA REQUIREMENTS.

THE CONTRACTOR WILL BE REQUIRED TO BUILD SEDIMENT BASINS OR SEDIMENT TRAPS OR USE EQUAL METHODS TO DETAIN AND CLEAN WATER TO ACCEPTABLE EPA STANDARDS BEFORE RELEASING THE WATER BACK INTO THE STREAM.

THERE SHALL BE NO TURBID DISCHARGES TO SURFACE WATERS, RESULTING FROM DEWATERING ACTIVITIES. SEDIMENT-LADEN WATER MUST PASS THROUGH A SETTLING POND, FILTER BAG, OR OTHER COMPARABLE PRACTICE, PRIOR TO DISCHARGE.

NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORM WATER RUNOFF.

ALL PROCESS WASTEWATER (EQUIPMENT WASHING, LEACHATE FROM ON-SITE WASTE DISPOSAL, ETC.) SHALL BE COLLECTED AND DISPOSED OF AT A PUBLICLY OWNED TREATMENT WORKS.

ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH ALL LOCAL EROSION/SEDIMENT CONTROL, WASTE DISPOSAL, SANITARY AND HEALTH REGULATIONS.

OTHER EROSION CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND IMPLEMENTATION OF ADDITIONAL EROSION CONTROL ITEMS, AT THE ENGINEER'S DISCRETION.

NO SOIL, ROCK, DEBRIS OR OTHER MATERIAL SHALL BE DUMPED OR PLACED IN ANY AREAS NOT ADEQUATELY PROTECTED BY EROSION CONTROL INSTALLATIONS.

IT IS PREFERRED TO USE PERMANENT EROSION CONTROL ITEMS AS SHOWN IN THE PLANS TO CONTROL CONSTRUCTION POLLUTION WHEN POSSIBLE. OTHERWISE, THE TEMPORARY POLLUTION PREVENTION ITEMS ARE TO BE USED.

MOST TEMPORARY S&EC METHODS, INCLUDING BUT NOT LIMITED TO, SILT FENCE AND DITCH CHECKS MAY ALL HAVE TO BE PERIODICALLY REMOVED AND REPLACED, OR MOVED FROM THE EXISTING ROAD DITCH OR STRIPPED AREAS AS WORK PROGRESSES. ANY CHANGES SHALL BE NOTED IN THE PLAN BY RED LINE AND DATED ON A CORRECTIVE ACTION LOG.

ALL TEMPORARY SEDIMENT CONTROLS AND STORM WATER QUALITY METHODS WILL BE BUILT/INSTALLED AS THE PROJECT PROGRESSES TO ELIMINATE UNNECESSARY DISTURBANCE AND REDUNDANCY. ALL TEMPORARY CONTROLS SHALL BE IN PLACE AND FUNCTIONING PROPERLY WHEN THREATENING WEATHER IS IMMINENT.

"TEMPORARY STABILIZATION" MEANS THE ESTABLISHMENT OF TEMPORARY VEGETATION, MULCHING, GEOTEXTILES, SOD, PRESERVATION OF EXISTING VEGETATION AND OTHER TECHNIQUES CAPABLE OF QUICKLY ESTABLISHING COVER OVER DISTURBED

AREAS TO PROVIDE EROSION CONTROL BETWEEN CONSTRUCTION OPERATIONS.

"PERMANENT STABILIZATION" MEANS THE ESTABLISHMENT OF PERMANENT VEGETATION, DECORATIVE LANDSCAPE MULCHING, MATTING, SOD, RIP RAP AND LANDSCAPING TECHNIQUES TO PROVIDE PERMANENT EROSION CONTROL ON AREAS WHERE CONSTRUCTION OPERATIONS ARE COMPLETE OR WHERE NO FURTHER DISTURBANCE IS EXPECTED FOR AT LEAST A YEAR.

OFF-SITE TRACKING OF SEDIMENTS SHALL BE MINIMIZED. A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. ALL PAVED STREETS ADJACENT TO THE SITE WILL BE SWEEP DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARP.

STABILIZATION PRACTICES

PERMANENT SEEDING AND MULCHING STABILIZATION SHALL BE PROVIDED PER OEPA GUIDELINES AS SET FORTH IN PART II.B OF OHIO EPA PERMIT NO.: OHC000005. (SEE TABLE 1)

TABLE 1: PERMANENT STABILIZATION	
AREA REQUIRING PERMANENT STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY AREAS THAT WILL LIE DORMANT FOR ONE YEAR OR MORE	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE
ANY AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND AT FINAL GRADE	WITHIN TWO DAYS OF REACHING FINAL GRADE
ANY OTHER AREAS AT FINAL GRADE	WITHIN SEVEN DAYS OF REACHING FINAL GRADE WITHIN THAT AREA

TEMPORARY SEEDING AND MULCHING STABILIZATION SHALL BE PROVIDED PER OEPA GUIDELINES AS SET FORTH IN PART II.B OF OHIO EPA PERMIT NO.: OHC000005. (SEE TABLE 2)

TABLE 2: TEMPORARY STABILIZATION	
AREA REQUIRING TEMPORARY STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY DISTURBED AREAS WITH 50 FEET OF A SURFACE WATER OF THE STATE AND NOT AT FINAL GRADE	WITHIN TWO DAYS OF THE MOST RECENT DISTURBANCE IF THE AREA WILL REMAIN IDE FOR MORE THAN 14 DAYS
FOR ALL CONSTRUCTION ACTIVITIES, ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A SURFACE WATER OF THE STATE	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE WITHIN THE AREA
DISTURBED AREAS THAT WILL BE IDE OVER WINTER	FOR RESIDENTIAL SUBDIVISIONS, DISTURBED AREAS MUST BE STABILIZED AT LEAST SEVEN DAYS PRIOR TO TRANSFER OF PERMIT COVERAGE FOR THE INDIVIDUAL LOT(S). PRIOR TO THE ONSET OF WINTER WEATHER

ALL TEMPORARY EROSION AND SEDIMENT CONTROL INSTALLATIONS SHALL BE REMOVED WHEN 70% VEGETATION HAS BEEN REACHED.

SEEDING & MULCHING

MULCH AND/OR OTHER APPROPRIATE VEGETATIVE PRACTICES SHALL BE APPLIED TO DISTURBED AREAS WITHIN 7 DAYS OF GRADING IF THE AREA IS TO REMAIN DORMANT (UNDISTURBED) FOR MORE THAN 14 DAYS OR ON AREAS AND PORTIONS OF THE SITE WHICH CAN BE BROUGHT TO FINAL GRADE.

MULCH SHALL CONSIST OF UNKNOTTED SMALL GRAIN STRAW APPLIED AT THE RATE OF 2 TONS/AC, OR 90 LB./1000 SQ. FT. (TWO TO THREE BALES). THE STRAW MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THE SOIL SURFACE IS COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1000-SQ.-FT. SECTIONS AND PLACE TWO 45-LB. BALES OF STRAW IN EACH SECTION.

MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR RUNOFF. THE FOLLOWING ARE ACCEPTABLE METHODS FOR ANCHORING MULCH:

- MECHANICAL-USE A DISK, CRIMPER, OR SIMILAR TYPE TOOL SET STRAIGHT TO PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL. STRAW MECHANICALLY ANCHORED SHALL NOT BE FINELY CHOPPED BUT BE LEFT GENERALLY LONGER THAN 6 IN.
- MULCH NETTINGS-USE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS, FOLLOWING ALL PLACEMENT AND ANCHORING SUGGESTIONS. USE IN AREAS OF WATER CONCENTRATION AND STEEP SLOPES TO HOLD MULCH IN PLACE.
- SYNTHETIC BINDERS-FOR STRAW MULCH, SYNTHETIC BINDERS SUCH AS ACRYLIC CLR (AGR-H-TAC), DCA-70, PETROSEET, TERRA TACK OR EQUAL, MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER. ALL APPLICATIONS OF SYNTHETIC BINDERS MUST BE CONDUCTED IN SUCH A MANNER WHERE THERE IS NO CONTACT WITH WATERS OF THE STATE.
- WOOD CELLULOSE FIBER - WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. THE FIBER BINDER SHALL BE APPLIED AT A NET DRY WEIGHT OF 750 LB./ACRE. THE WOOD CELLULOSE FIBER SHALL BE MIXED WITH WATER AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LB./100 GAL. OF WOOD CELLULOSE FIBER.

TEMPORARY SEEDING & MULCHING FOR EROSION CONTROL		
SEED TYPE	PER 1,000 SQ.FT.	PER ACRE
PERENNIAL RYEGRASS	1 POUND	40 POUNDS
TALL FESCUE	1 POUND	40 POUNDS
ANNUAL RYEGRASS	1 POUND	40 POUNDS
SMALL GRAIN STRAW	90 POUNDS	2 TONS
FERTILIZER	6 POUNDS OF 10-10-10 OR 12-12-12	250 POUNDS OF 10-10-10 OR 12-12-12

NOTE: OTHER APPROVED SPECIES MAY BE SUBSTITUTED

STOCKPILE

SILT FENCING SHALL BE INSTALLED AROUND TEMPORARY SPOIL STOCKPILES. THESE STOCKPILES SHALL BE STRAW MULCHED AND/OR TEMPORARILY SEEDED WITHIN 7 WORKING DAYS IF LEFT DORMANT FOR 14 DAYS OR LONGER.

TIMING OF CONTROLS/MEASURES

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, CONSTRUCTION ENTRANCE(S) AND SILT FENCE WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. SEDIMENT CONTROL DEVICES SHALL BE IMPLEMENTED FOR ALL AREAS REMAINING DISTURBED LONGER THAN 14 DAYS AND/OR WITHIN 7 DAYS OF ANY GRUBBING ACTIVITIES. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 14 DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 2 DAYS OF THE LAST DISTURBANCE IF THE AREA IS WITHIN 50 FEET OF A STREAM, AND WITHIN 7 DAYS OF THE LAST DISTURBANCE IF THE AREA IS MORE THAN 50 FEET AWAY FROM A STREAM. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED WITH PERMANENT SEED AND MULCH. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE BASIN.

STABILIZATION TYPE	J	F	M	A	M	J	J	A	S	O	N	D
PERMANENT SEEDING							*	*	*	*	*	*
DORMANT SEEDING	*	*	*	*	*	*	*	*	*	*	*	*
TEMPORARY SEEDING	*	*	*	*	*	*	*	*	*	*	*	*
SODDING	*	*	*	*	*	*	*	*	*	*	*	*
MULCHING	*	*	*	*	*	*	*	*	*	*	*	*

* IRRIGATION NEEDED

* IRRIGATION NEEDED FOR 2-3 WEEKS AFTER SOD IS APPLIED

INSPECTIONS

ALL BMPs ON THIS SITE SHALL BE INSPECTED BY "QUALIFIED INSPECTION PERSONNEL" ASSIGNED BY THE CONTRACTOR OR DESIGNATED REPRESENTATIVE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND BY THE END OF THE NEXT CALENDAR DAY, EXCLUDING WEEKENDS AND HOLIDAYS UNLESS WORK IS SCHEDULED. AFTER A RAIN EVENT OF 0.5 INCHES PER 24 HOUR PERIOD, A RECORD OF THESE INSPECTIONS SHALL BE MAINTAINED IN THE CONSTRUCTION OFFICE WITH THE SWPPP FOR PUBLIC VIEWING. ANY VIOLATIONS WILL BE REPORTED THROUGH THE PROJECT PERSONNEL. A RAIN GAUGE WILL BE LOCATED WITHIN THE PROJECT LIMITS.

FOLLOWING EACH INSPECTION, A CHECKLIST MUST BE COMPLETED AND SIGNED BY THE QUALIFIED INSPECTION PERSONNEL REPRESENTATIVE. AT A MINIMUM, THE INSPECTION REPORT SHALL INCLUDE:

- THE INSPECTION DATE;
- NAMES, TITLES, AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION;
- WEATHER INFORMATION FOR THE PERIOD SINCE THE LAST INSPECTION (OR SINCE COMMENCEMENT OF CONSTRUCTION ACTIVITY IF THE FIRST INSPECTION) INCLUDING A BEST ESTIMATE OF THE BEGINNING OF EACH STORM EVENT, DURATION OF EACH STORM EVENT, APPROXIMATE AMOUNT OF RAINFALL FOR EACH STORM EVENT (IN INCHES), AND WHETHER ANY DISCHARGES OCCURRED;
- WEATHER INFORMATION AND A DESCRIPTION OF ANY DISCHARGES OCCURRING AT THE TIME OF THE INSPECTION;
- LOCATION(S) OF DISCHARGES OF SEDIMENT OR OTHER POLLUTANTS FROM THE SITE;
- LOCATION(S) OF BMPs THAT NEED TO BE MAINTAINED;
- LOCATION(S) OF BMPs THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION;
- LOCATION(S) WHERE ADDITIONAL BMPs ARE NEEDED THAT DID NOT EXIST AT THE TIME OF INSPECTION; AND
- CORRECTIVE ACTION REQUIRED INCLUDING ANY CHANGES TO THE SWP3 NECESSARY AND IMPLEMENTATION DATES.

MAINTENANCE

THE CONTRACTOR SHALL MAINTAIN, REPAIR, OR REPLACE ALL EROSION CONTROL INSTALLATIONS AS NEEDED TO ENSURE THE

CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL REPAIRS TO BMPs SHALL BE MADE WITHIN 3 DAYS (OR SOONER IF POSSIBLE) OF NOTIFICATION OF DEFICIENCIES. IF THE CORRECTIONS ARE NOT MADE WITHIN THE 3 DAY PERIOD, LIQUIDATED DAMAGES MAY BE ASSESSED AS PER THE ODOT CMS SECTION 108.07.

ONGOING INSPECTION OF INSTALLATIONS WILL BE PERFORMED BY THE CONTRACTOR OR DESIGNATED REPRESENTATIVE.

ANY TRAPPED SEDIMENT OR DEBRIS REMOVED DURING CLEANING OF OR REMOVAL OF BMP INSTALLATIONS SHALL BE PLACED IN AREAS NOT SUBJECT TO EROSION AND PERMANENTLY STABILIZED.

DUST CONTROL

DUST CONTROL INVOLVES PREVENTING OR REDUCING DUST FROM EXPOSED SOILS OR OTHER SOURCES DURING LAND DISTURBING, DEMOLITION AND CONSTRUCTION ACTIVITIES TO REDUCE THE PRESENCE OF AIRBORNE SUBSTANCES WHICH MAY PRESENT HEALTH HAZARDS, TRAFFIC SAFETY PROBLEMS OR HARM ANIMAL OR PLANT LIFE.

THE FOLLOWING SPECIFICATIONS FOR DUST CONTROL SHALL BE FOLLOWED ONSITE:

- VEGETATIVE COVER AND MULCH - APPLY TEMPORARY OR PERMANENT SEEDING AND MULCH TO AREAS THAT WILL REMAIN IDE FOR OVER 14 DAYS, SAVING EXISTING TREES AND LARGE SHRUBS WILL ALSO REDUCE SOIL AND AIR MOVEMENT ACROSS DISTURBED AREAS. SEE TEMPORARY SEEDING; PERMANENT SEEDING; MULCHING PRACTICES; AND TREE AND NATURAL AREA PROTECTION PRACTICES.
- WATERING - SPRAY SITE WITH WATER UNTIL THE SURFACE IS WET BEFORE AND DURING GRADING AND REPEAT AS NEEDED, ESPECIALLY ON HAUL ROADS AND OTHER HEAVY TRAFFIC ROUTES. WATERING SHALL BE DONE AT A RATE THAT PREVENTS DUST BUT DOES NOT CAUSE SOIL EROSION. WETTING AGENTS SHALL BE UTILIZED ACCORDING TO MANUFACTURERS INSTRUCTIONS.
- SPRAY-ON ADHESIVES - APPLY ADHESIVE ACCORDING TO THE FOLLOWING TABLE OR MANUFACTURERS' INSTRUCTIONS.

ADHESIVE	WATER DILUTION (ADHESIVE: WATER)	NOZZLE TYPE	APPLICATION RATE (GAL/AC)
LATEX EMULSION	12.5:1	FINE	235
RESIN IN WATER ACRYLIC EMULSION (NO TRAFFIC)	4:1	FINE	300
ACRYLIC EMULSION (NO TRAFFIC)	7:1	COARSE	450
ACRYLIC EMULSION (TRAFFIC)	3.5:1	COARSE	350

SPILL PREVENTION

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING:

- AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
- ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
- PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
- SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
- WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
- MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
- THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ONSITE.

HAZARDOUS PRODUCTS:

- PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.
- ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.
- IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS' OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

- ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.
- MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.
- THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
- SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE. SPILLS OF 25 OR MORE GALLONS OF PETROLEUM WASTE MUST BE REPORTED TO OHIO EPA (1-800-282-8378), THE LOCAL FIRE DEPARTMENT, AND THE LOCAL EMERGENCY PLANNING COMMITTEE WITHIN 30 MINUTES OF THE SPILL. ALL SPILLS WHICH RESULT IN CONTACT WITH WATERS OF THE STATE, MUST BE REPORTED TO THE OHIO EPA'S HOTLINE.
- SOILS CONTAMINATED BY PETROLEUM OR OTHER CHEMICAL SPILLS MUST BE TREATED/DISPOSED AT AN OHIO EPA APPROVED SOLID WASTE MANAGEMENT FACILITY OR HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITY (TSDF).
- THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.
- THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ONSITE.

PRODUCT SPECIFIC PRACTICES

PETROLEUM PRODUCTS

ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

FUEL STORAGE TANKS SHALL BE LOCATED AWAY FROM SURFACE WATERS AND STORM SEWER SYSTEM INLETS. FUEL TANKS SHALL BE STORED IN A DIKED AREA CAPABLE OF HOLDING 150% OF THE TANK CAPACITY.

FERTILIZERS

FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

PAINTS

ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.

CONCRETE WASH WATER/WASH OUTS

CONCRETE WASH WATER SHALL NOT BE ALLOWED TO FLOW TO STREAMS, DITCHES, STORM DRAINS, OR ANY OTHER WATER CONVEYANCE. A SUMP OR PIT WITH NO POTENTIAL FOR DISCHARGE SHALL BE CONSTRUCTED IF NEEDED TO CONTAIN CONCRETE WASH WATER, FILL TILE OR OTHER SUBSURFACE DRAINAGE STRUCTURES WITHIN 10 FT. OF THE SUMP SHALL BE CUT AND PLUGGED. FOR SMALL PROJECTS, TRUCK CHUTES MAY BE RINSED ON THE LOT AWAY FROM ANY WATER CONVEYANCES.

PERMITTEE

NAME
ADDRESS1
ADDRESS2
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CONTACT:
EMAIL:

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SURVEYING
LANDSCAPE ARCHITECTURE
www.kleingers.com
9233 Center Road, 2nd Floor
West Chester, OH 45386
(610) 755-1001

CONSULTANTS



West Carrollton City Schools
ELEMENTARY SCHOOL
510 E. PEAKE AVE.
DAYTON, OHIO 45449



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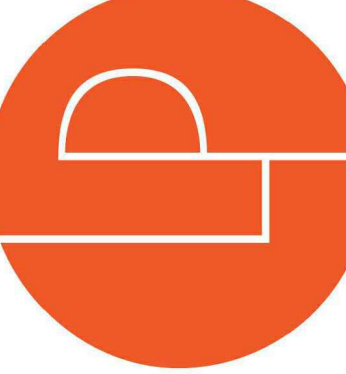
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M. KRAMER

DATE:

08/25/2023

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3011 DELUMARK DRIVE
MANTISBURG, OHIO 45342
www.levin-porter.com
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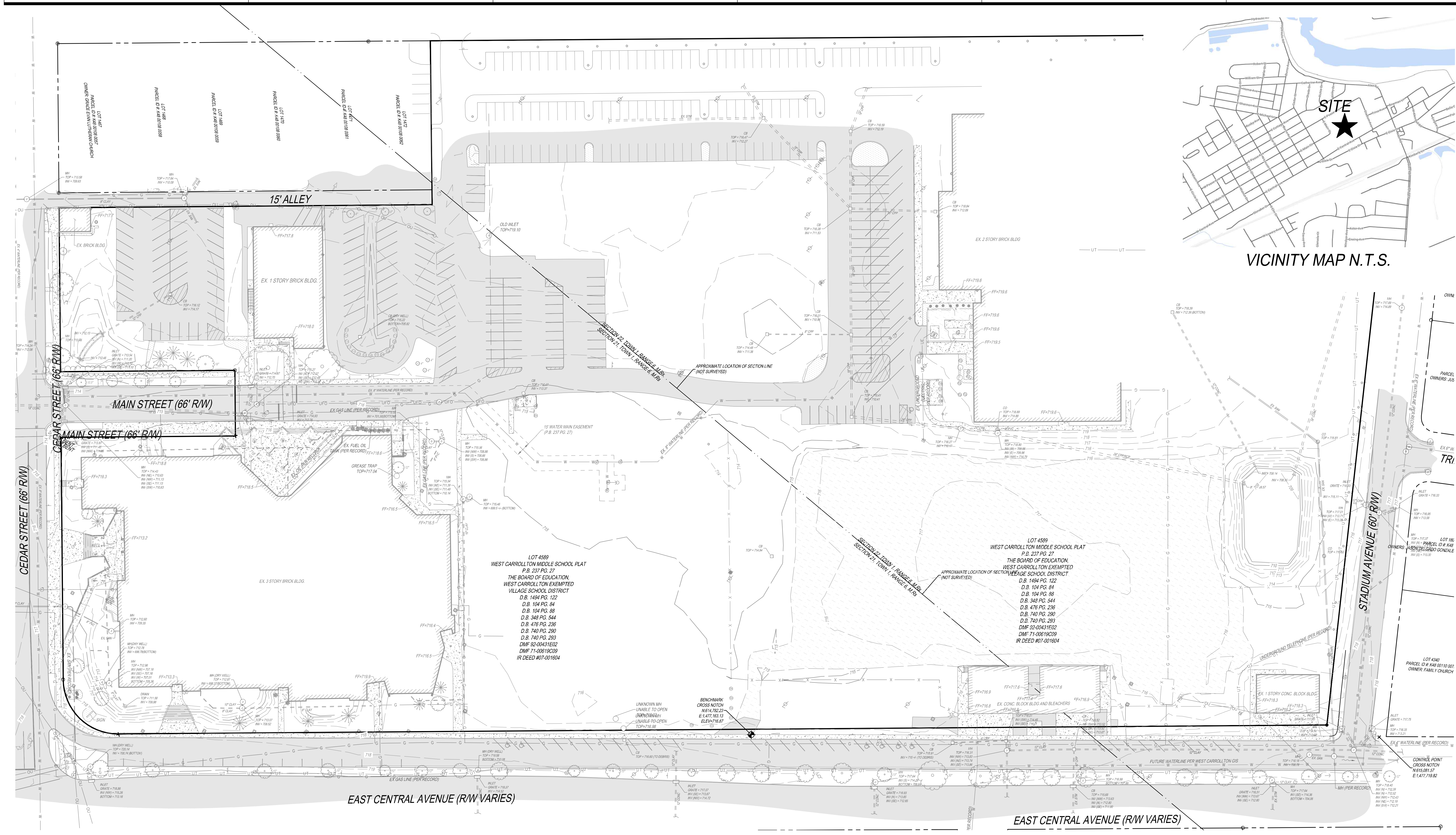


EROSION CONTROL NOTES

C003

NOTE: UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILED OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 811 OR 1-800-365-2784 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.





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- LEGEND**
- IRON PIN FOUND (SIZE AS NOTED)
 - PIPE FOUND (SIZE AS NOTED)
 - CROSS NOTCH FOUND
 - MAG NAIL FOUND
 - 5/8" IRON PIN SET (KLEINGERS)
 - CATCH BASIN
 - INLET
 - YARD DRAIN
 - STORM MANHOLE
 - SANITARY MANHOLE
 - CLEAN OUT
 - ELECTRIC BOX
 - GUY WIRE
 - LIGHT POLE
 - LIGHT POST
 - PULL BOX
 - TRANSFORMER
 - UTILITY POLE
 - GAS METER
 - GAS VALVE
 - FIRE HYDRANT
 - IRRIGATION CONTROL VALVE
 - WATER MANHOLE
 - WATER METER
 - WATER VALVE
 - TELEPHONE MANHOLE
 - TELEPHONE BOX
 - TRAFFIC SIGNAL POST
 - FENCE POST
 - FLAG POLE
 - GUARD POST
 - MAIL BOX
 - SIGN (SINGLE POST)
 - SIGN (DOUBLE POST)
 - BUSH
 - CONIFEROUS TREE
 - DECIDUOUS TREE
 - FENCE LINE
 - OVERHEAD UTILITY
 - GAS LINE
 - WATER LINE
 - UNDERGROUND TELEPHONE
 - UNDERGROUND FIBER OPTICS
 - SANITARY SEWER
 - STORM SEWER
 - ASPHALT
 - CONCRETE
 - GRAVEL
 - LANDSCAPING

- NOTES:**
- SOURCE DOCUMENTS AS NOTED.
 - OCCUPATION IN GENERAL FITS SURVEY.
 - MONUMENTATION IS IN GOOD CONDITION UNLESS OTHERWISE NOTED.
 - DISTANCE UNITS ARE BASED ON THE US SURVEY FOOT DEFINITION (1" = 1200/3937 METERS OR APPROXIMATELY 1" = 0.30480061 METERS).
 - BEARINGS ARE BASED ON OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, AS DERIVED FROM THE OHIO DEPARTMENT OF TRANSPORTATION'S VIRTUAL REFERENCE STATIONING (VRS) (NAD 83 - 2011).
 - ELEVATIONS ARE BASED ON NAVD 86, AS DERIVED FROM THE OHIO DEPARTMENT OF TRANSPORTATION'S VIRTUAL REFERENCE STATIONING (VRS).
 - SITE BENCHMARK AS SHOWN HEREON.

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CONSULTANTS

THE KLEINGERS GROUP

CIVIL ENGINEERING
SURVEYING
LANDSCAPE ARCHITECTURE
www.kleingers.com
2333 Center Road, Suite 200
Dayton, Ohio 45409
(937) 253-1001

West Carrollton City Schools

ELEMENTARY SCHOOL

510 E. PEASE AVE.
DAYTON, OHIO 45409

West Carrollton Middle School

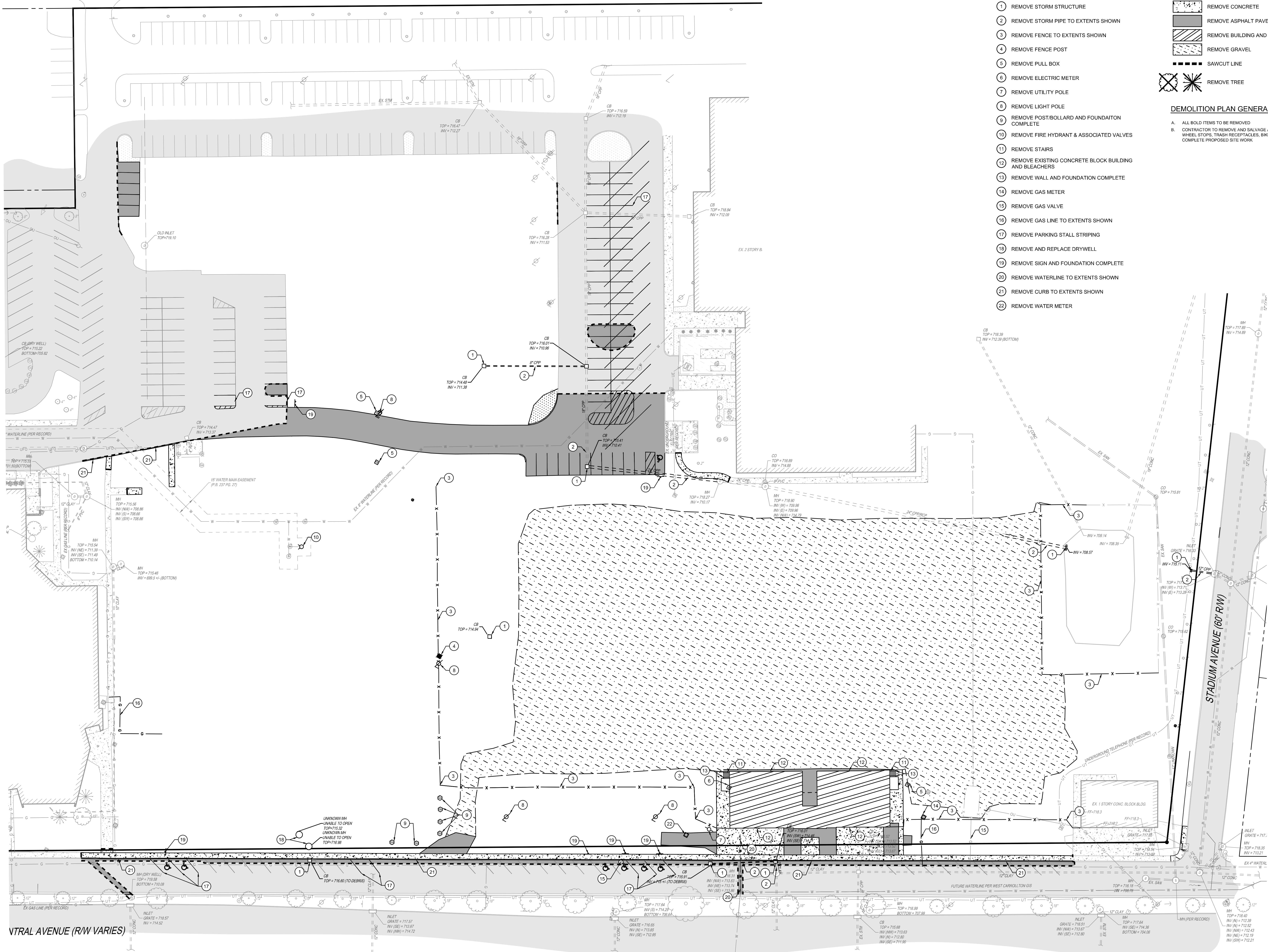
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LEVIN PORTER ARCHITECTS

3011 DELUMARK DRIVE
MIDDLETOWN, OHIO 45342
www.levin-porter.com
Levin Porter Architects Inc. 608 Leavin Porter Architects

SURVEY BASEMAP

C110



DEMOLITION PLAN KEY NOTES

- 1 REMOVE STORM STRUCTURE
- 2 REMOVE STORM PIPE TO EXTENTS SHOWN
- 3 REMOVE FENCE TO EXTENTS SHOWN
- 4 REMOVE FENCE POST
- 5 REMOVE PULL BOX
- 6 REMOVE ELECTRIC METER
- 7 REMOVE UTILITY POLE
- 8 REMOVE LIGHT POLE
- 9 REMOVE POST/BOLLARD AND FOUNDATION COMPLETE
- 10 REMOVE FIRE HYDRANT & ASSOCIATED VALVES
- 11 REMOVE STAIRS
- 12 REMOVE EXISTING CONCRETE BLOCK BUILDING AND BLEACHERS
- 13 REMOVE WALL AND FOUNDATION COMPLETE
- 14 REMOVE GAS METER
- 15 REMOVE GAS VALVE
- 16 REMOVE GAS LINE TO EXTENTS SHOWN
- 17 REMOVE PARKING STALL STRIPING
- 18 REMOVE AND REPLACE DRYWELL
- 19 REMOVE SIGN AND FOUNDATION COMPLETE
- 20 REMOVE WATERLINE TO EXTENTS SHOWN
- 21 REMOVE CURB TO EXTENTS SHOWN
- 22 REMOVE WATER METER

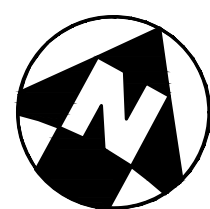
DEMOLITION PLAN LEGEND

- REMOVE CONCRETE
- REMOVE ASPHALT PAVEMENT
- REMOVE BUILDING AND FOUNDATION COMPLETE
- REMOVE GRAVEL
- SAWCUT LINE
- REMOVE TREE

DEMOLITION PLAN GENERAL NOTES

- A. ALL BOLD ITEMS TO BE REMOVED
- B. CONTRACTOR TO REMOVE AND SALVAGE ALL MOVEABLE ITEMS SUCH AS WHEEL STOPS, TRASH RECEPTACLES, BIKE RACKS, ETC. AS NEEDED TO COMPLETE PROPOSED SITE WORK.

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THE KLEINGERS GROUP

West Carrollton City Schools
ELEMENTARY SCHOOL
510 E. PEASE AVE.
DAYTON, OHIO 45449

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M. KRAMER

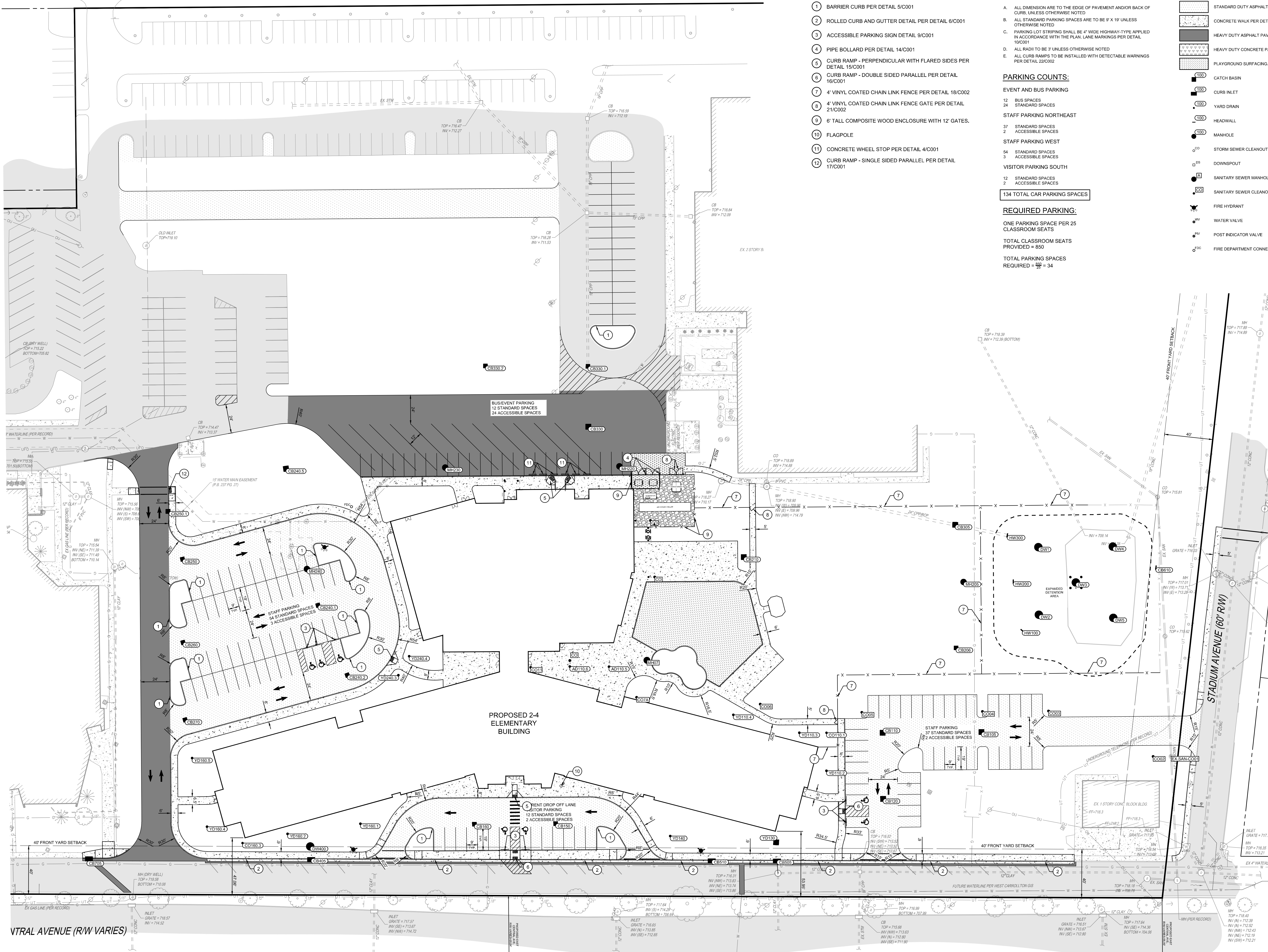
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LEVIN PORTER ARCHITECTS

0-937.224.1931
3011 DELUMARK DRIVE
MANTISBURG, OHIO 45342
www.levin-porter.com
Levin Porter Architects Inc. 604 Levin Porter Architects

DEMOLITION PLAN

C120



LOCATION PLAN KEY NOTES

- 1 BARRIER CURB PER DETAIL 5/C001
- 2 ROLLED CURB AND GUTTER DETAIL PER DETAIL 6/C001
- 3 ACCESSIBLE PARKING SIGN DETAIL 9/C001
- 4 PIPE BOLLARD PER DETAIL 14/C001
- 5 CURB RAMP - PERPENDICULAR WITH FLARED SIDES PER DETAIL 15/C001
- 6 CURB RAMP - DOUBLE SIDED PARALLEL PER DETAIL 16/C001
- 7 4" VINYL COATED CHAIN LINK FENCE PER DETAIL 18/C002
- 8 4" VINYL COATED CHAIN LINK FENCE GATE PER DETAIL 21/C002
- 9 6" TALL COMPOSITE WOOD ENCLOSURE WITH 12" GATES.
- 10 FLAGPOLE
- 11 CONCRETE WHEEL STOP PER DETAIL 4/C001
- 12 CURB RAMP - SINGLE SIDED PARALLEL PER DETAIL 17/C001

LOCATION PLAN GENERAL NOTES

- A. ALL DIMENSION ARE TO THE EDGE OF PAVEMENT AND/OR BACK OF CURB, UNLESS OTHERWISE NOTED
- B. ALL STANDARD PARKING SPACES ARE TO BE 9' X 19' UNLESS OTHERWISE NOTED
- C. PARKING LOT STRIPING SHALL BE 4" WIDE HIGHWAY-TYPE APPLIED IN ACCORDANCE WITH THE PLAN. LANE MARKINGS PER DETAIL 10/C001
- D. ALL RADII TO BE 3' UNLESS OTHERWISE NOTED
- E. ALL CURB RAMPS TO BE INSTALLED WITH DETECTABLE WARNINGS PER DETAIL 22/C002

PARKING COUNTS:

EVENT AND BUS PARKING

12 BUS SPACES

24 STANDARD SPACES

STAFF PARKING NORTHEAST

37 STANDARD SPACES

2 ACCESSIBLE SPACES

STAFF PARKING WEST

54 STANDARD SPACES

3 ACCESSIBLE SPACES

VISITOR PARKING SOUTH

12 STANDARD SPACES

2 ACCESSIBLE SPACES

134 TOTAL CAR PARKING SPACES

REQUIRED PARKING:

ONE PARKING SPACE PER 25

CLASSROOM SEATS

TOTAL CLASSROOM SEATS

PROVIDED = 850

TOTAL PARKING SPACES

REQUIRED = 34

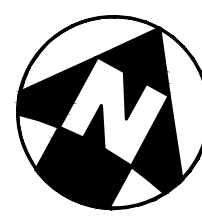
LOCATION PLAN LEGEND

- STANDARD DUTY ASPHALT PAVEMENT PER DETAIL 1/C001
- CONCRETE WALK PER DETAIL 7/C001
- HEAVY DUTY ASPHALT PAVEMENT 2/C001
- HEAVY DUTY CONCRETE PAVEMENT 3/C001
- PLAYGROUND SURFACING. SEE LANDSCAPE PLANS.
- CATCH BASIN
- CURB INLET
- YARD DRAIN
- HEADWALL
- MANHOLE
- STORM SEWER CLEANOUT
- DOWNSPOUT
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- FIRE HYDRANT
- WATER VALVE
- POST INDICATOR VALVE
- FIRE DEPARTMENT CONNECTION

NOTE:
UNDERGROUND UTILITIES ARE PLOTTED FROM A
COMPILED OF AVAILABLE RECORD INFORMATION AND
SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND
MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE
EXISTENCE OR NON-EXISTENCE OF UNDERGROUND UTILITIES
CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY
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REVISIONS:	
Number	Description
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02	07.28.2023
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www.kleingers.com
2333 Central Expressway, Suite 200
Dayton, OH 45424
(937) 233-1234

West Carrollton City Schools

ELEMENTARY SCHOOL

510 E. PEASE AVE.
DAYTON, OHIO 45449

WEST CARROLLTON PRIDE

PROJECT NO:
223455.00

CHECKED BY:
A. BERNER

DRAWN BY:
M. KRAMER

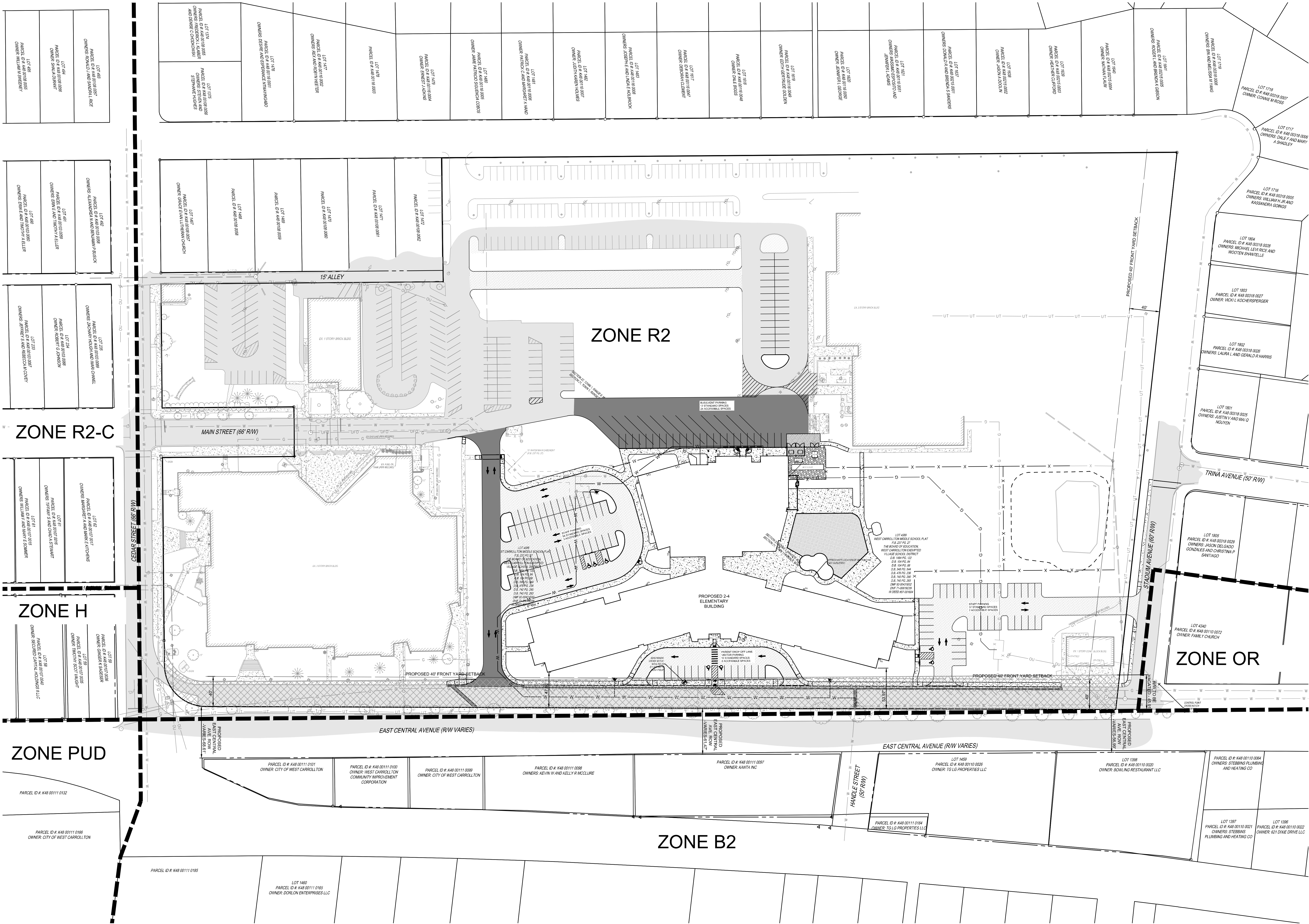
DATE:
08/25/2023

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LOCATION PLAN

C130



REQUIRED PARKING:
ONE PARKING SPACE PER 25 CLASSROOM SEATS
TOTAL CLASSROOM SEATS PROVIDED = 850
TOTAL PARKING SPACES REQUIRED = 34

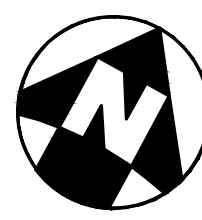
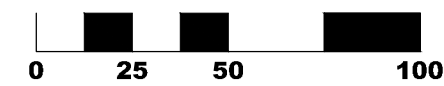
PARKING COUNTS:
EVENT AND BUS PARKING
12 BUS SPACES
24 STANDARD SPACES
STAFF PARKING NORTHEAST
37 STANDARD SPACES
2 ACCESSIBLE SPACES
STAFF PARKING WEST
54 STANDARD SPACES
3 ACCESSIBLE SPACES
VISITOR PARKING SOUTH
12 STANDARD SPACES
2 ACCESSIBLE SPACES
134 TOTAL CAR PARKING SPACES

LOCATION PLAN LEGEND
STANDARD DUTY ASPHALT PAVEMENT PER DETAIL 1/C001
CONCRETE WALK PER DETAIL 7/C001
HEAVY DUTY ASPHALT PAVEMENT 2/C001
HEAVY DUTY CONCRETE PAVEMENT 3/C001
PLAYGROUND SURFACING, SEE LANDSCAPE PLANS.
CATCH BASIN
CURB INLET
YARD DRAIN

100 HEADWALL
1000 MANHOLE
C0 STORM SEWER CLEANOUT
D5 DOWNSPOUT
A SANITARY SEWER MANHOLE
C0 SANITARY SEWER CLEANOUT
FIRE HYDRANT
WATER VALVE

PIV POST INDICATOR VALVE
FDC FIRE DEPARTMENT CONNECTION
RW TO BE VACATED

NOTE:
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REVIEWS:	Number	Description	Date

PRINTINGS:	04.14.2023	SCHEMATIC DESIGN
	07.28.2023	DESIGN DEVELOPMENT
	07.28.2023	SUBMITTAL
	09.05.2023	FINAL

CONSULTANTS	CIVIL ENGINEERING	LANDSCAPE ARCHITECTURE
	SURVEYING	PLANNING
	LANDSCAPE ARCHITECTURE	PLANNING
	LANDSCAPE ARCHITECTURE	PLANNING

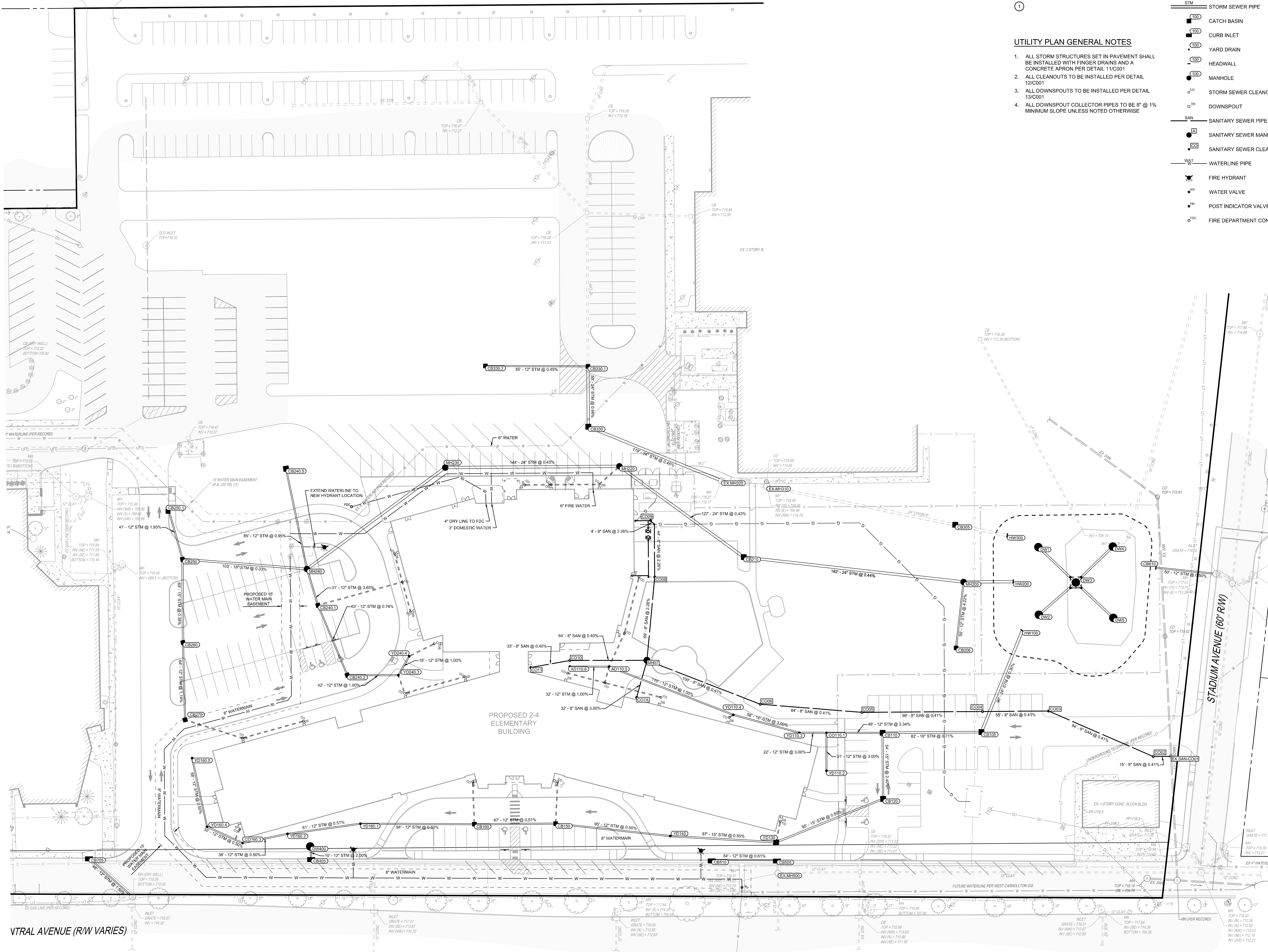
THE KLEINGERS GROUP
2333 Center Road, Dayton, OH 45409
937.751.1001

West Carrollton City Schools
ELEMENTARY SCHOOL
510 E. PEASE AVE.
DAYTON, OHIO 45449

PROJECT NO: 223455.00
CHECKED BY: A. BERNER
DRAWN BY: M. KRAMER
DATE: 04/25/2023

LEVIN PORTER ARCHITECTS
3011 DELUMARK DRIVE
MIDDLETOWN, OHIO 45342
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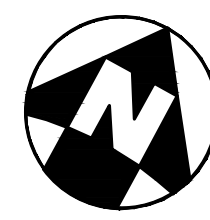
ZONING PLAN
C131



NOTE: UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILED LIST OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 811 OR 1-800-362-2764 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.



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UTILITY PLAN KEY NOTES

①

UTILITY PLAN GENERAL NOTES

1. ALL STORM STRUCTURES SET IN PAVEMENT SHALL BE INSTALLED WITH FINGER DRAINS AND A CONCRETE APRON PER DETAIL 11/C001
2. ALL CLEANOUPS TO BE INSTALLED PER DETAIL 12/C001
3. ALL DOWNSPOUTS TO BE INSTALLED PER DETAIL 13/C001
4. ALL DOWNSPOUT COLLECTOR PIPES TO BE 8" @ 1% MINIMUM SLOPE UNLESS NOTED OTHERWISE

UTILITY PLAN LEGEND

- STM STORM SEWER PIPE
- 100 CATCH BASIN
- 100 CURB INLET
- 100 YARD DRAIN
- 100 HEADWALL
- 100 MANHOLE
- 100 STORM SEWER CLEANOUT
- 100 DOWNSPOUT
- SAN SANITARY SEWER PIPE
- A SANITARY SEWER MANHOLE
- CS SANITARY SEWER CLEANOUT
- WT WATERLINE PIPE
- FW FIRE HYDRANT
- WV WATER VALVE
- PIV POST INDICATOR VALVE
- DC FIRE DEPARTMENT CONNECTION

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PRINTINGS:	04.14.2023	07.28.2023	07.28.2023	07.28.2023	09.05.2023
SCHEMATIC DESIGN					
DESIGN DEVELOPMENT					
SUBMITTAL					
5% SITE PACKAGE					
LANDSCAPE					
SOILS					
ZONING SUBMITTAL					

CONSULTANTS

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West Carrollton City Schools
510 E. PEASE AVE.
DAYTON, OHIO 45449

West Carrollton City
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ELEMENTARY SCHOOL



PROJECT NO:
223455.00

CHECKED BY:
A. BERNER

DRAWN BY:
M. KRAMER

DATE:
08/25/2023

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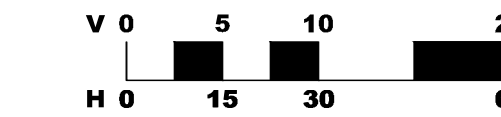
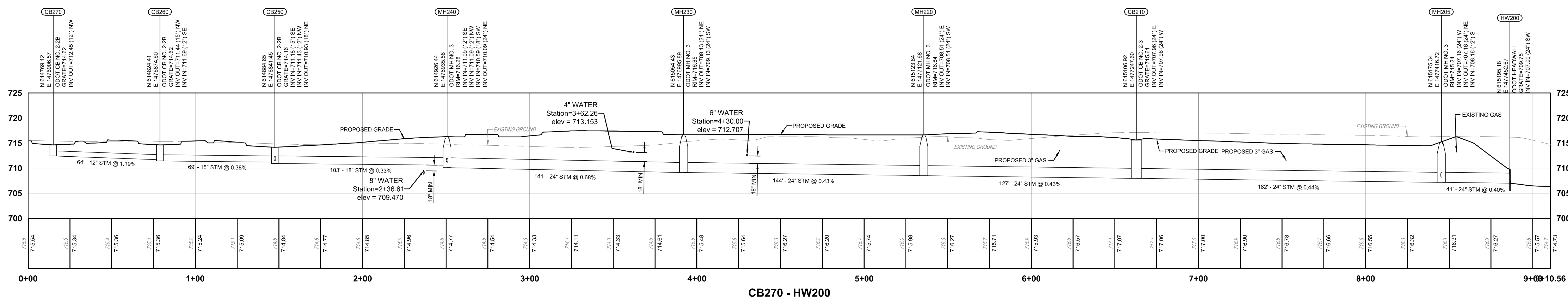
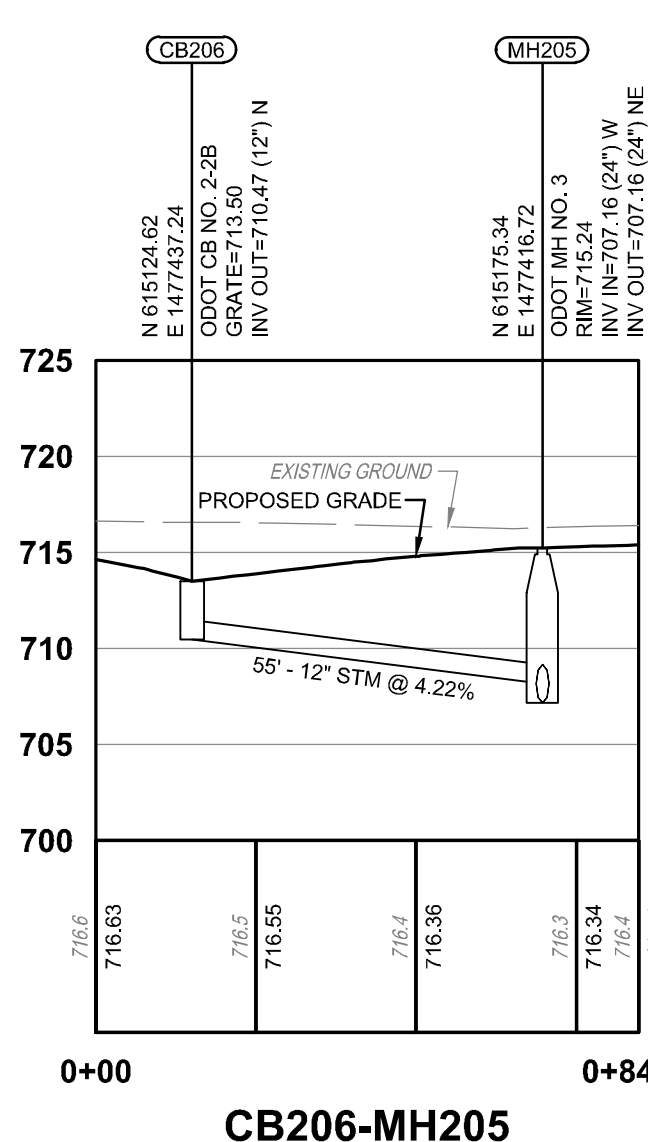
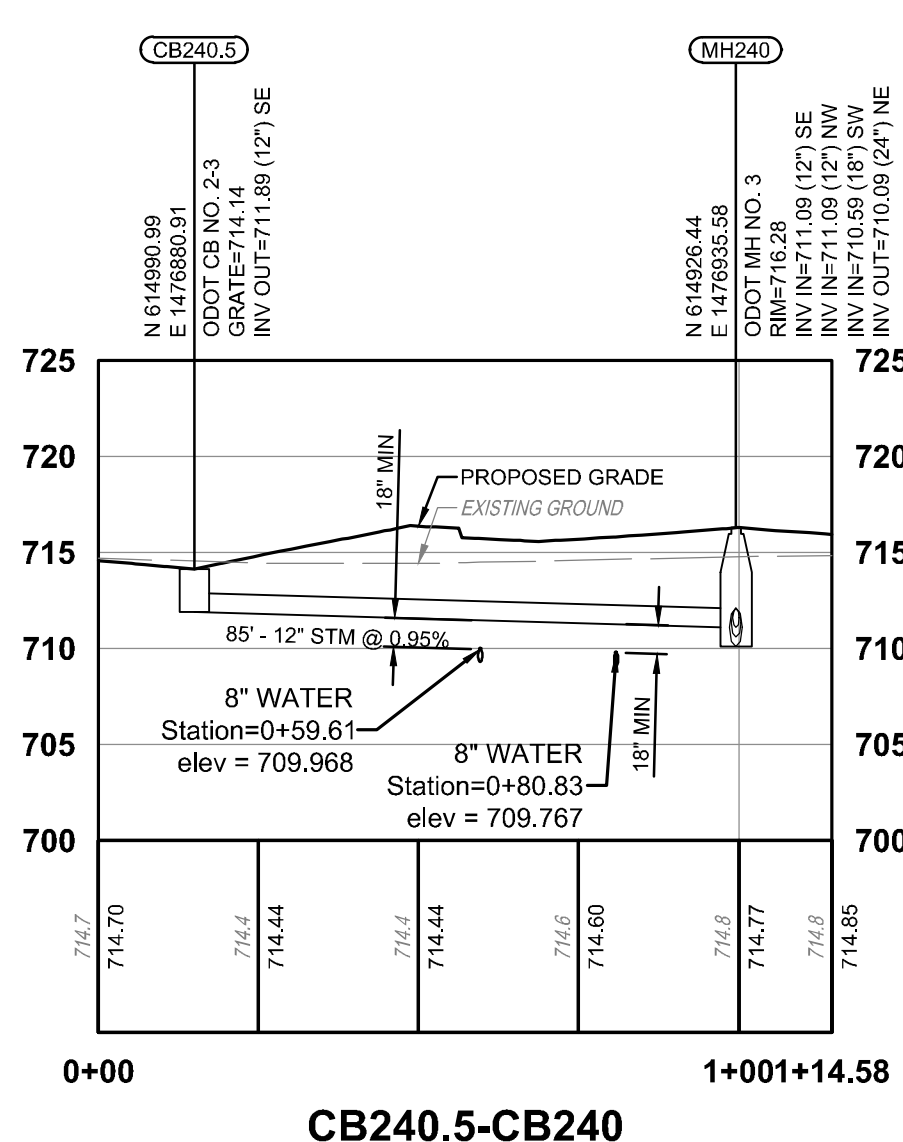
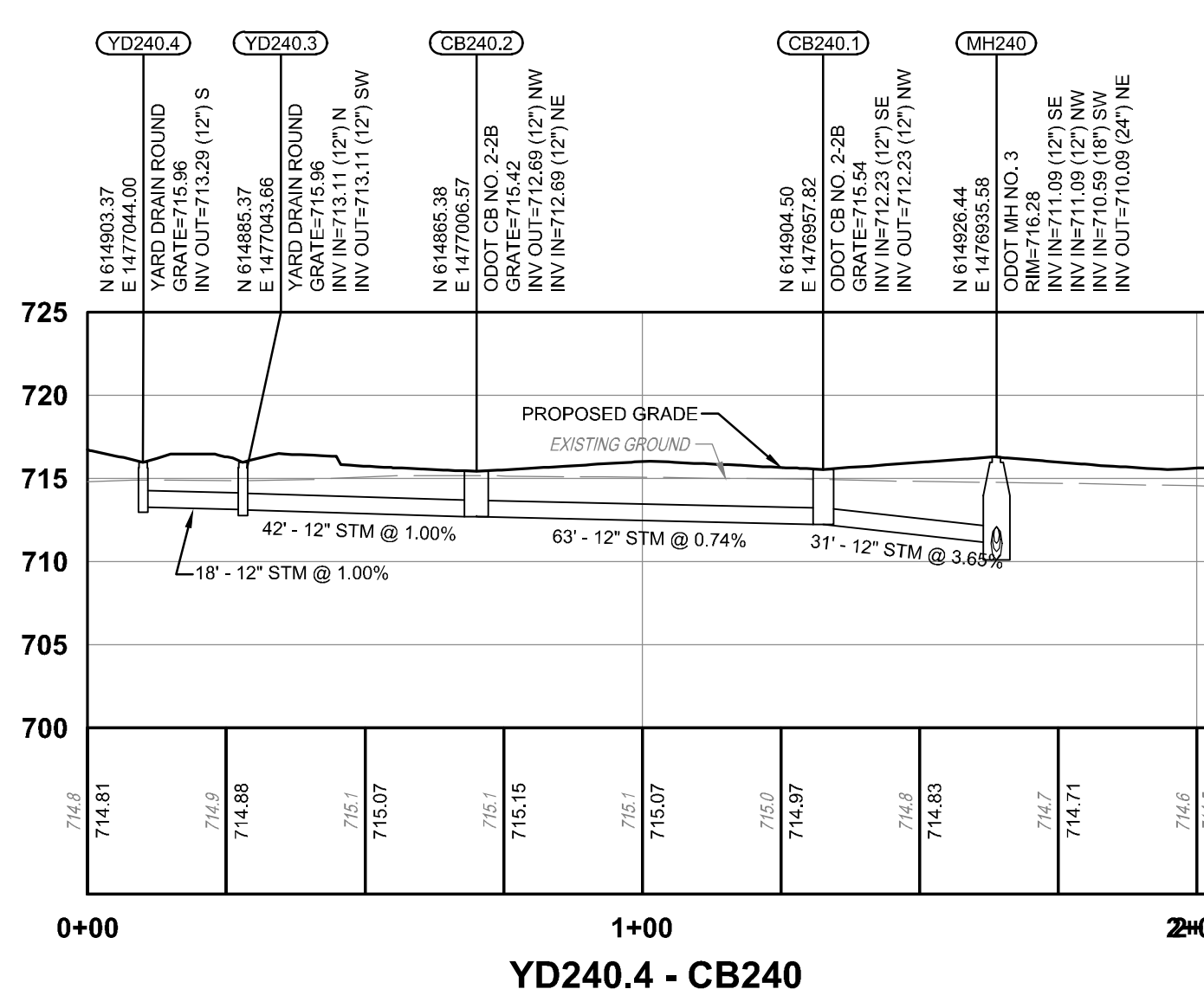
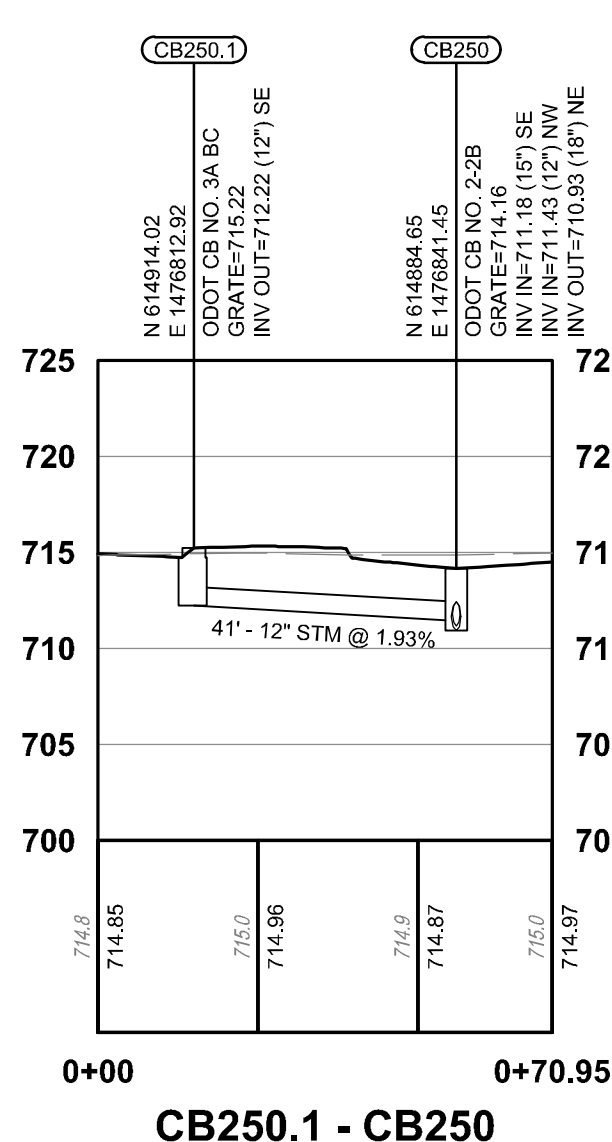
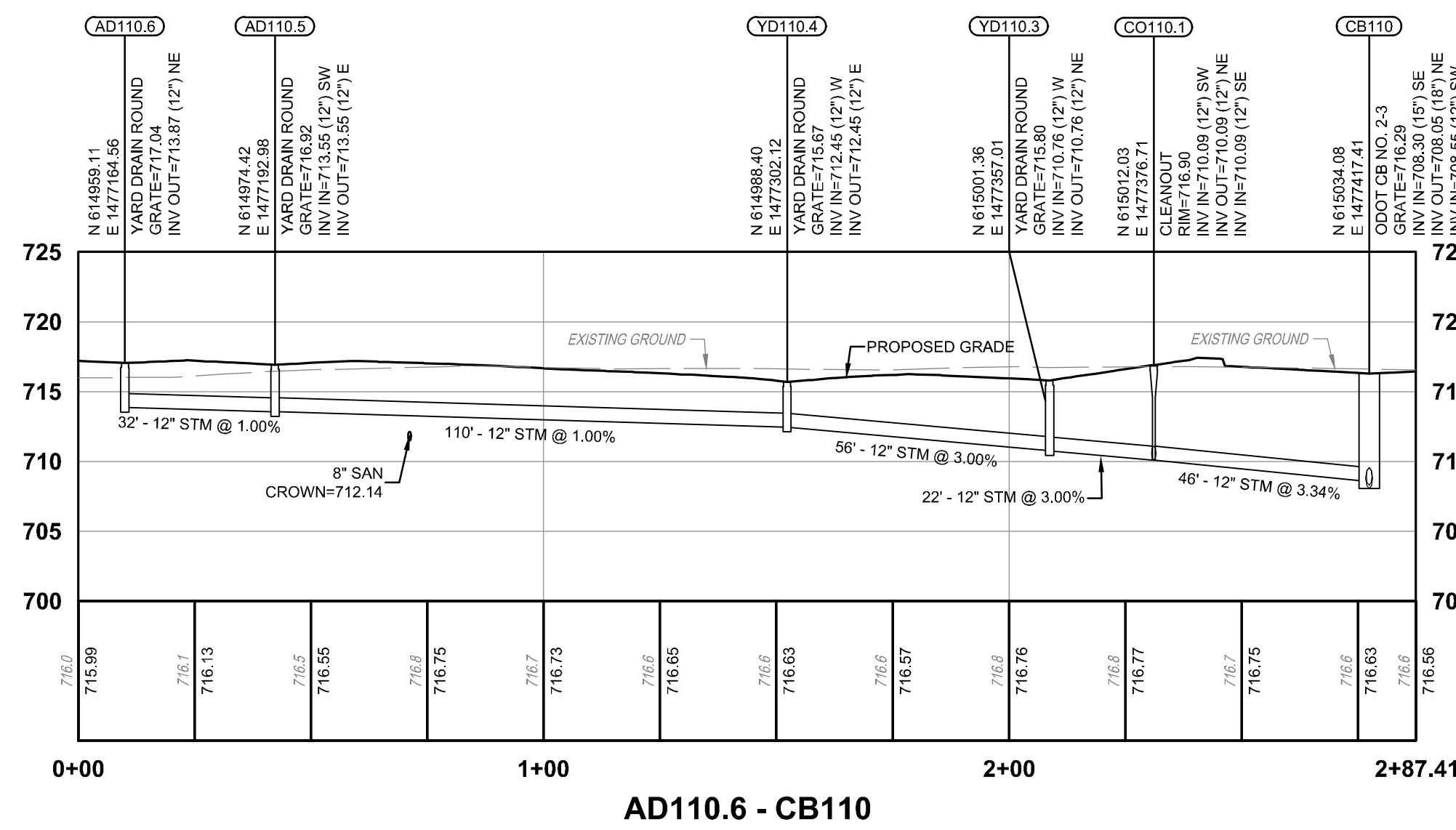
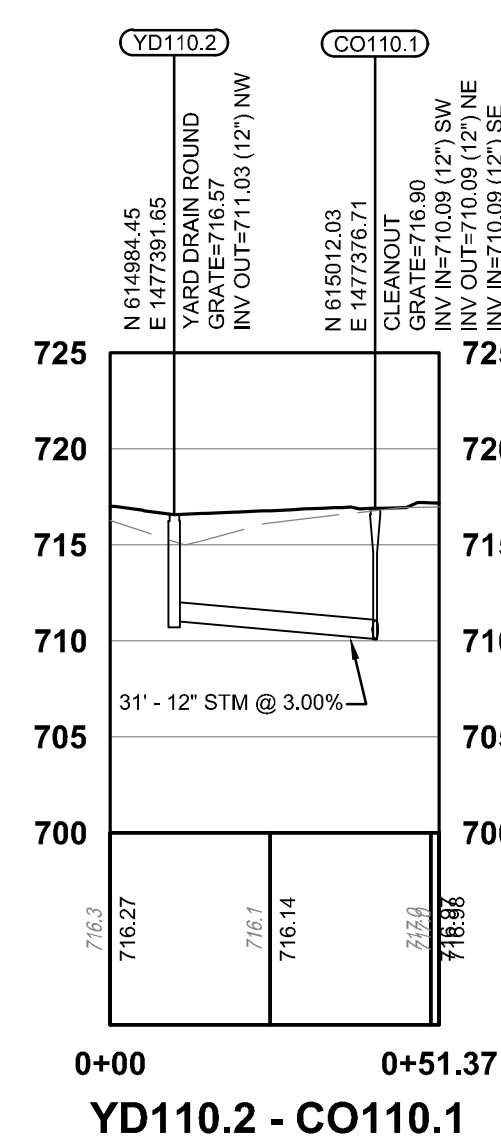
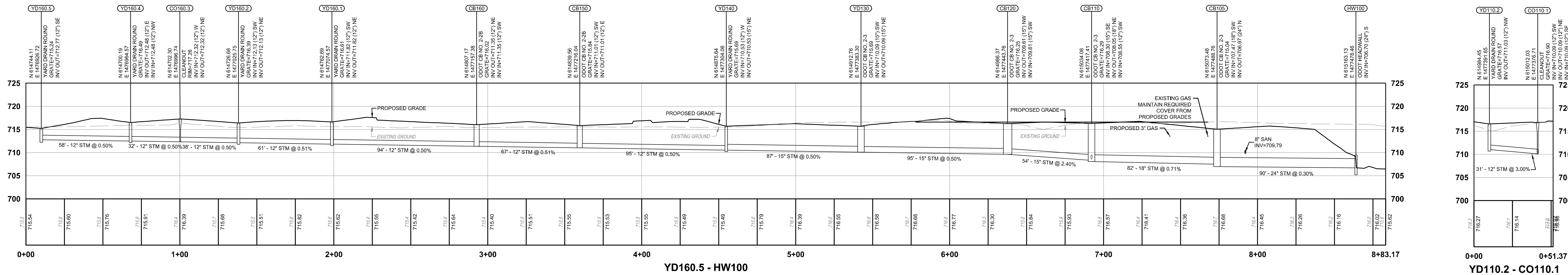
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UTILITY PLAN

C140

NOTE: UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILED LIST OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 811 OR 1-800-362-2764 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.



PROJECT NO:
223455.00

CHECKED BY:
A. BERNER

DRAWN BY:
M. KRAMER

DATE:
03/25/2023

LEVIN PORTER
ARCHITECTS

3011 DELUMARK DRIVE
MIDDLETOWN, OHIO 45342
www.levin-porter.com
Levin Porter Architects Inc. 614.666.1911

UTILITY PROFILES

C141

West Carrollton City
Schools
ELEMENTARY SCHOOL

510 E. PEASE AVE.
DAYTON, OHIO 45449

CONSULTANTS

THE KLEINGERS GROUP

CIVIL ENGINEERING
SURVEYING
LANDSCAPE ARCHITECTURE
www.kleingers.com
1317 S. 1ST ST.
West Chester, OH 45380

PRINTINGS:

SCHEMATIC DESIGN
DESIGN DEVELOPMENT
SUBMITTAL

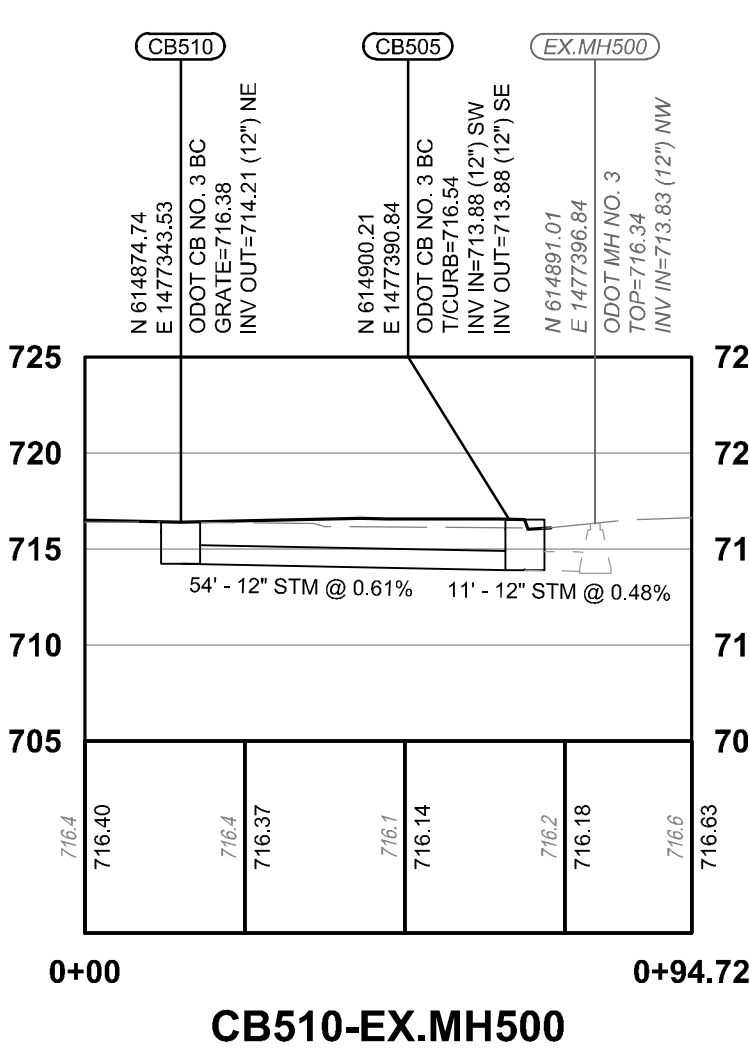
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07.28.2023

50% SITE PACKAGE
50% CONSTRUCTION
ZONING SUBMITTAL

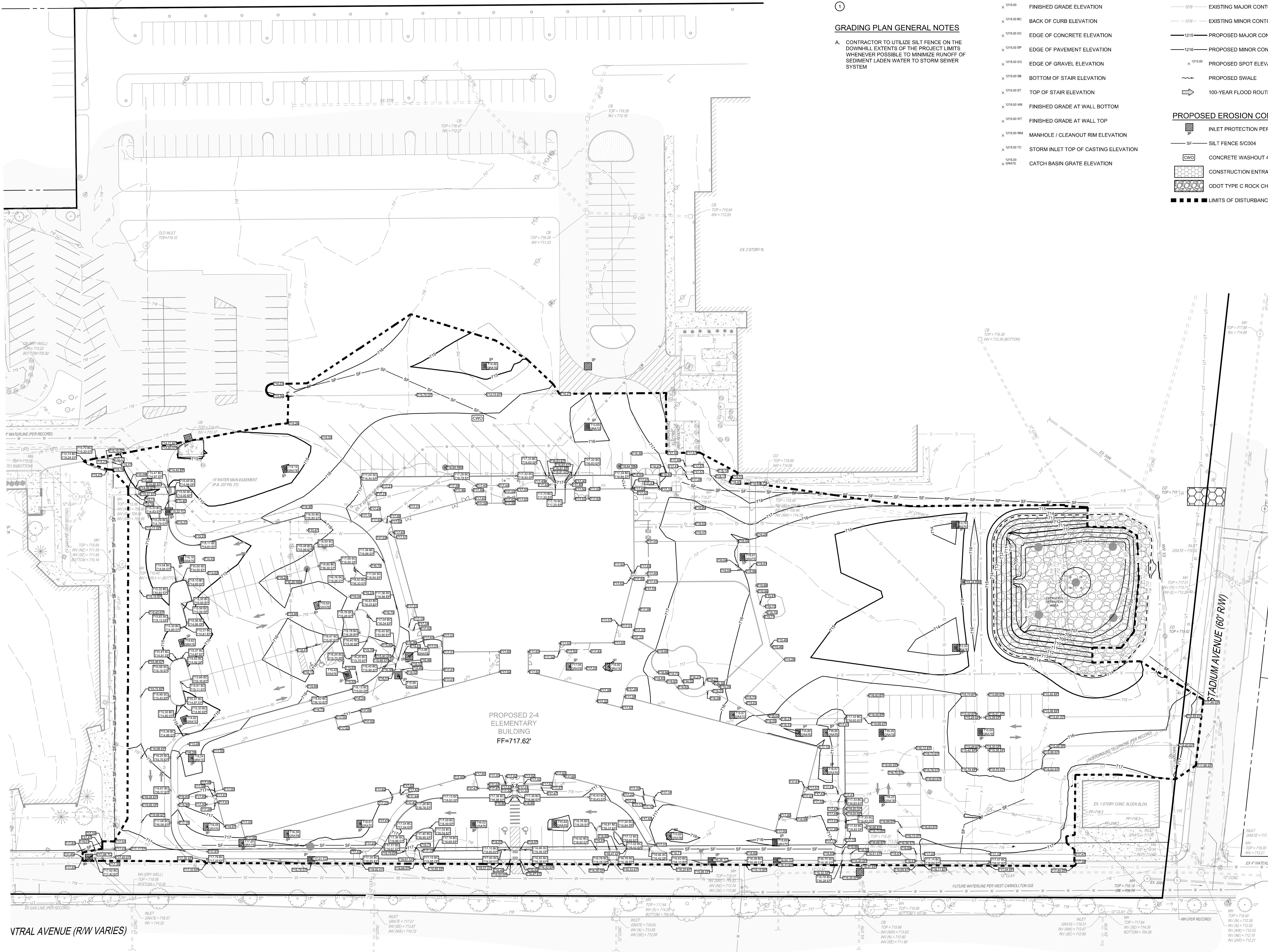
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REVISIONS:

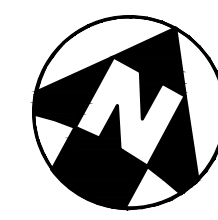
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C142



NOTE: UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILED LIST OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 811 OR 1-800-365-2784 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.



GRADING PLAN KEY NOTES

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GRADING PLAN GENERAL NOTES

- A. CONTRACTOR TO UTILIZE SILT FENCE ON THE DOWNHILL EXTENTS OF THE PROJECT LIMITS WHENEVER POSSIBLE TO MINIMIZE RUNOFF OF SEDIMENT LADEN WATER TO STORM SEWER SYSTEM

SPOT ELEVATION LEGEND

- × 1215.00 FINISHED GRADE ELEVATION
- × 1215.00 BC BACK OF CURB ELEVATION
- × 1215.00 EC EDGE OF CONCRETE ELEVATION
- × 1215.00 EP EDGE OF PAVEMENT ELEVATION
- × 1215.00 EO EDGE OF GRAVEL ELEVATION
- × 1215.00 SB BOTTOM OF STAIR ELEVATION
- × 1215.00 ST TOP OF STAIR ELEVATION
- × 1215.00 WB FINISHED GRADE AT WALL BOTTOM
- × 1215.00 WT FINISHED GRADE AT WALL TOP
- × 1215.00 RM MANHOLE / CLEANOUT RIM ELEVATION
- × 1215.00 TC STORM INLET TOP OF CASTING ELEVATION
- × 1215.00 GR GRATE ELEVATION

GRADING PLAN LEGEND

- 1215 — EXISTING MAJOR CONTOUR
- 1216 — EXISTING MINOR CONTOUR
- 1215 — PROPOSED MAJOR CONTOUR
- 1216 — PROPOSED MINOR CONTOUR
- × 1215.00 PROPOSED SPOT ELEVATION
- PROPOSED SWALE
- 100-YEAR FLOOD ROUTE

PROPOSED EROSION CONTROL LEGEND

- IP INLET PROTECTION PER DETAIL 2/C004
- SF SILT FENCE 5/C004
- CWC CONCRETE WASHOUT 4/C004
- CE CONSTRUCTION ENTRANCE 1/C004
- CCO ODOT TYPE C ROCK CHANNEL PROTECTION
- LIMITS OF DISTURBANCE

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REVISIONS:	Date	
	Number	Description
PRINTINGS:	04.14.2023	SCHEMATIC DESIGN
	07.28.2023	DESIGN DEVELOPMENT
	07.28.2023	SUBMITTAL
	07.28.2023	50% SITE PACKAGE
	09.05.2023	ZONING SUBMITTAL



West Carrollton City Schools
ELEMENTARY SCHOOL
510 E. PEASE AVE.
DAYTON, OHIO 45449



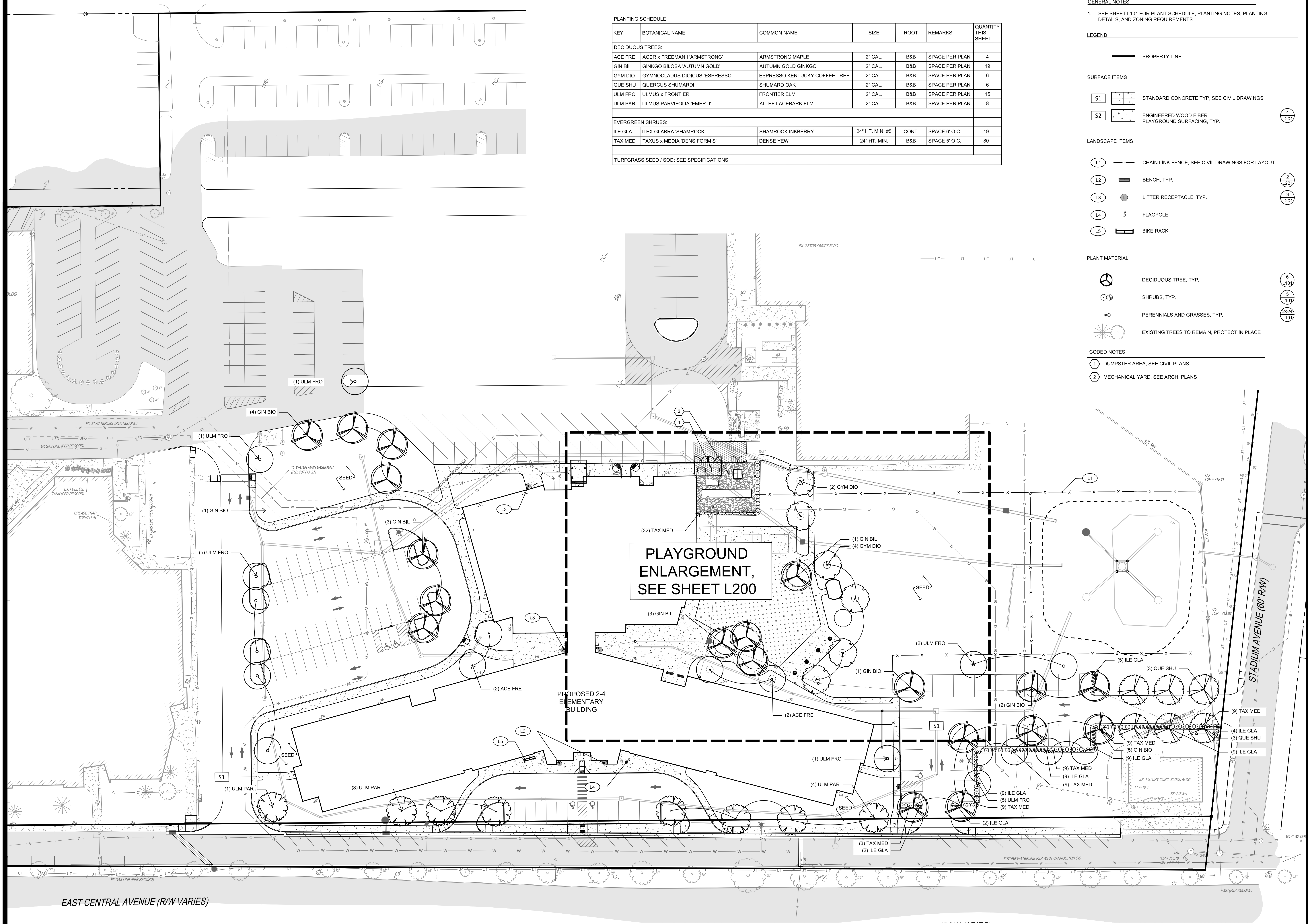
PROJECT NO: 223455.00
CHECKED BY: A. BERNER
DRAWN BY: M. KRAMER
DATE: 08/25/2023

LEVIN PORTER ARCHITECTS
3011 DELUMARK DRIVE
MIDDLETOWN, OHIO 45342
www.levin-porter.com
Levin Porter Architects Inc. 604 Leann Porter Architects



GRADING PLAN

C150





PLANTING SCHEDULE							QUANTITY THIS SHEET
KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS		
DECIDUOUS TREES:							
ACE FRE	ACER x FREEMANII 'ARMSTRONG'	ARMSTRONG MAPLE	2" CAL.	B&B	SPACE PER PLAN	4	
GIN BIL	GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD GINKGO	2" CAL.	B&B	SPACE PER PLAN	19	
GYM DIO	GYMNOCCLADUS DIOICUS 'ESPRESSO'	ESPRESSO KENTUCKY COFFEE TREE	2" CAL.	B&B	SPACE PER PLAN	6	
QUE SHU	QUERCUS SHUMARDII	SHUMARD OAK	2" CAL.	B&B	SPACE PER PLAN	6	
ULM FRO	ULMUS x FRONTIER	FRONTIER ELM	2" CAL.	B&B	SPACE PER PLAN	15	
ULM PAR	ULMUS PARVIFOLIA 'EMER II'	ALLEE LACEBARK ELM	2" CAL.	B&B	SPACE PER PLAN	8	
EVERGREEN SHRUBS:							
ILE GLA	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY	24" HT. MIN. #5	CONT.	SPACE 6' O.C.	49	
TAX MED	TAXUS x MEDIA 'DENSIFORMIS'	DENSE YEW	24" HT. MIN.	B&B	SPACE 5' O.C.	80	
TURFGRASS SEED / SOD: SEE SPECIFICATIONS							

GENERAL NOTES






1. SEE SHEET L101 FOR PLANT SCHEDULE, PLANTING NOTES, PLANTING DETAILS, AND ZONING REQUIREMENTS.





LEGEND

———— PROPERTY LINE

SURFACE ITEMS	
S1	 <p>STANDARD CONCRETE TYP, SEE CIVIL DRAWINGS</p>
S2	 <p>ENGINEERED WOOD FIBER PLAYGROUND SURFACING, TYP.</p>

LANDSCAPE ITEMS

L.1		CHAIN LINK FENCE, SEE CIVIL DRAWINGS FOR LAYOUT
L.2		BENCH, TYP.
L.3		LITTER RECEPTACLE, TYP.
L.4		FLAGPOLE
L.5		BIKE RACK

PLANT MATERIAL	
	DECIDUOUS TREE, TYP.
	SHRUBS, TYP.
	PERENNIALS AND GRASSES, TYP.
	EXISTING TREES TO REMAIN, PROTECT IN PLACE

CODING NOTES

1	DUMPSTER AREA, SEE CIVIL PLANS
2	MECHANICAL YARD, SEE ARCH. PLANS

[illegible]

CONSULTANTS



THE **KLEINGERS**
GROUP

CIVIL ENGINEERING
SURVEYING
ARCHITECTURE

www.kleingers.com
1914 Cherry Ridge Dr.
West Chester, OH 45380
513.779.7851

**West Carrollton City
Schools
ELEMENTARY SCHOOL**
510 E. PEASE AVE.
DAYTON, OHIO 45449



PROJECT NO:
223455.00

CHECKED BY:
A. BERNER

DRAWN BY:
M. KRAMER

DATE:
09.05.2023

LEVIN PORTER
ARCHITECTS

3011 NEUMARK DRIVE
MIAMI BEACH, OHIO 45342
www.levin-porter.com

O: 937.224.1931
F: 937.224.3091

Levin Porter Associates Inc. c/o Levin Porter Architects

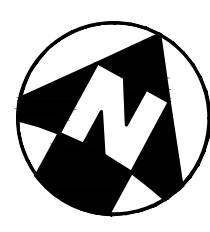


OVERALL LANDSCAPE PLAN

L100

4/4/2023 8:41:16 AM

NOTE:
UNDERGROUND UTILITIES ARE PLOTTED FROM A
COMPILATION OF AVAILABLE RECORD INFORMATION AND
SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND
MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE
EXISTENCE OR NON EXISTENCE OF UNDERGROUND UTILITIES
CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY
PROTECTION SERVICE AT 811 OR 1-800-362-2764 BEFORE ANY
PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.





1 PLANTING BED EDGING DETAIL
N.T.S.



2 PERENNIAL PLANTING
N.T.S.

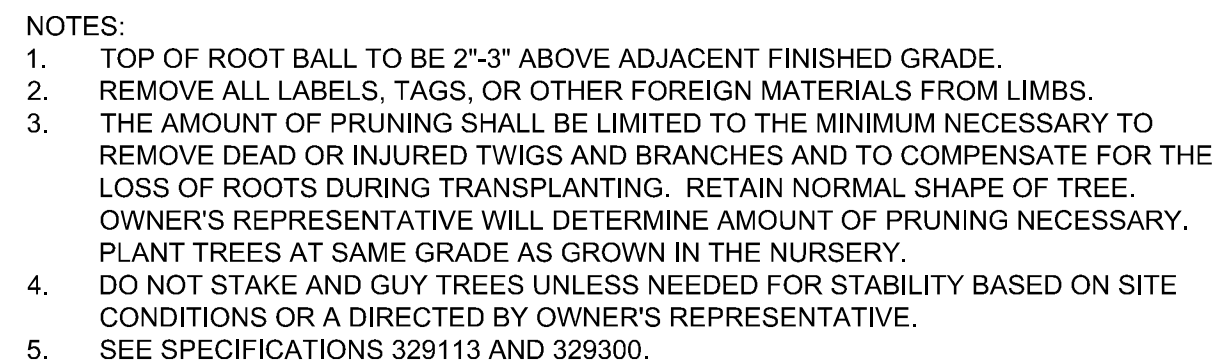


3 ORNAMENTAL GRASS PLANTING
N.T.S.

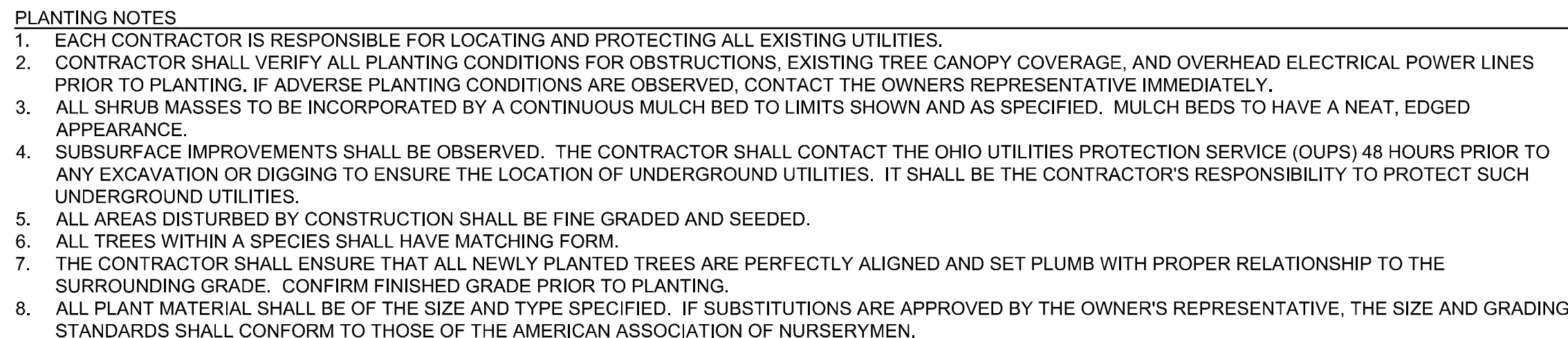
A = SPACING
B = SP/2
C = SP/1.2
D = SPACING



5 SHRUB PLANTING
N.T.S.



6 DECIDUOUS TREE PLANTING
N.T.S.



PRINTINGS:		REVISIONS:	
Schematic/Design	Date	Number	Description
DESIGN DEVELOPMENT	04.14.2023		
	07.28.2023		
PBS SITE PACKAGE	07.28.2023		
SITE PACKAGE	08.14.2023		
ZONING SUBMITTAL	09.05.2023		



**West Carrollton City
Schools**

ELEMENTARY SCHOOL

SIDE PRASE AVE.
DAYTON, OH 45424



PROJECT NO:
223455.00

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DATE:



PLANT SCHEDULE AND DETAILS

L101

4/4/2023 8:41:16 AM

NOTE: UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILATION OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 811 OR 1-800-365-2764 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.



LEGEND

PROPERTY LINE

SURFACE ITEMS

- S1 STANDARD CONCRETE TYP. SEE CIVIL DRAWINGS
- S2 ENGINEERED WOOD FIBER PLAYGROUND SURFACING, TYP.

LANDSCAPE ITEMS

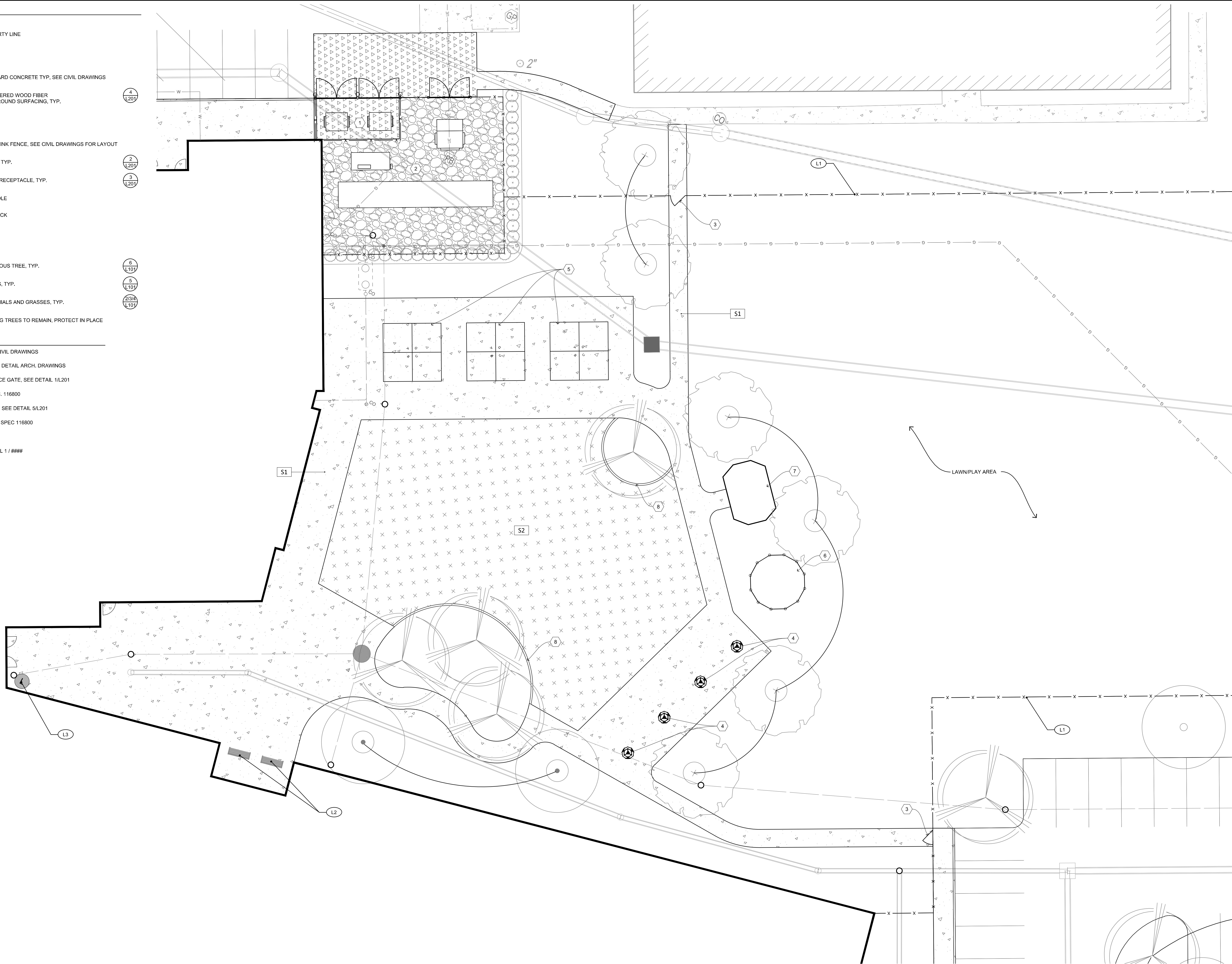
- L1 CHAIN LINK FENCE, SEE CIVIL DRAWINGS FOR LAYOUT
- L2 BENCH, TYP.
- L3 LITTER RECEPTACLE, TYP.
- L4 FLAGPOLE
- L5 BIKE RACK

PLANT MATERIAL

- DECIDUOUS TREE, TYP.
- SHRUBS, TYP.
- PERENNIALS AND GRASSES, TYP.
- EXISTING TREES TO REMAIN, PROTECT IN PLACE

CODED NOTES

- 1 DUMPSTER AREA, SEE CIVIL DRAWINGS
- 2 MECHANICAL YARD, SEE DETAIL ARCH. DRAWINGS
- 3 SINGLE CHAIN LINK FENCE GATE, SEE DETAIL 1/L201
- 4 FUNNEL BALL, SEE SPEC. 116800
- 5 PAINTED FOUR SQUARE, SEE DETAIL 5/L201
- 6 GAGA BALL COURT, SEE SPEC 116800
- 7 SALVAGED GAZEBO
- 8 FLUSH CURB, SEE DETAIL 1 / ###



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REVISIONS:	
Number	Description

PRINTINGS:	
SCHEMATIC DESIGN	04.14.2023
DESIGN DEVELOPMENT	07.28.2023
SUBMITTAL	
25% SITE PACKAGE	07.28.2023
50% SITE PACKAGE	07.28.2023
75% SITE PACKAGE	07.28.2023
ZONING SUBMITTAL	09.05.2023

CONSULTANTS

CIVIL ENGINEERING
SURVEYING
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www.kleingers.com

THE KLEINGERS GROUP

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510 E. PEASE AVE.
DAYTON, OHIO 45449

West Carrollton City Schools
ELEMENTARY SCHOOL



PROJECT NO:	223455.00
CHECKED BY:	A. BERNER
DRAWN BY:	M. KRAMER
DATE:	04/05/2023

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MANTISBURG, OHIO 45342
www.levin-porter.com

Levin Porter Architects Inc. dba Levin Porter Architects



ENLARGED
PLAYGROUND PLAN

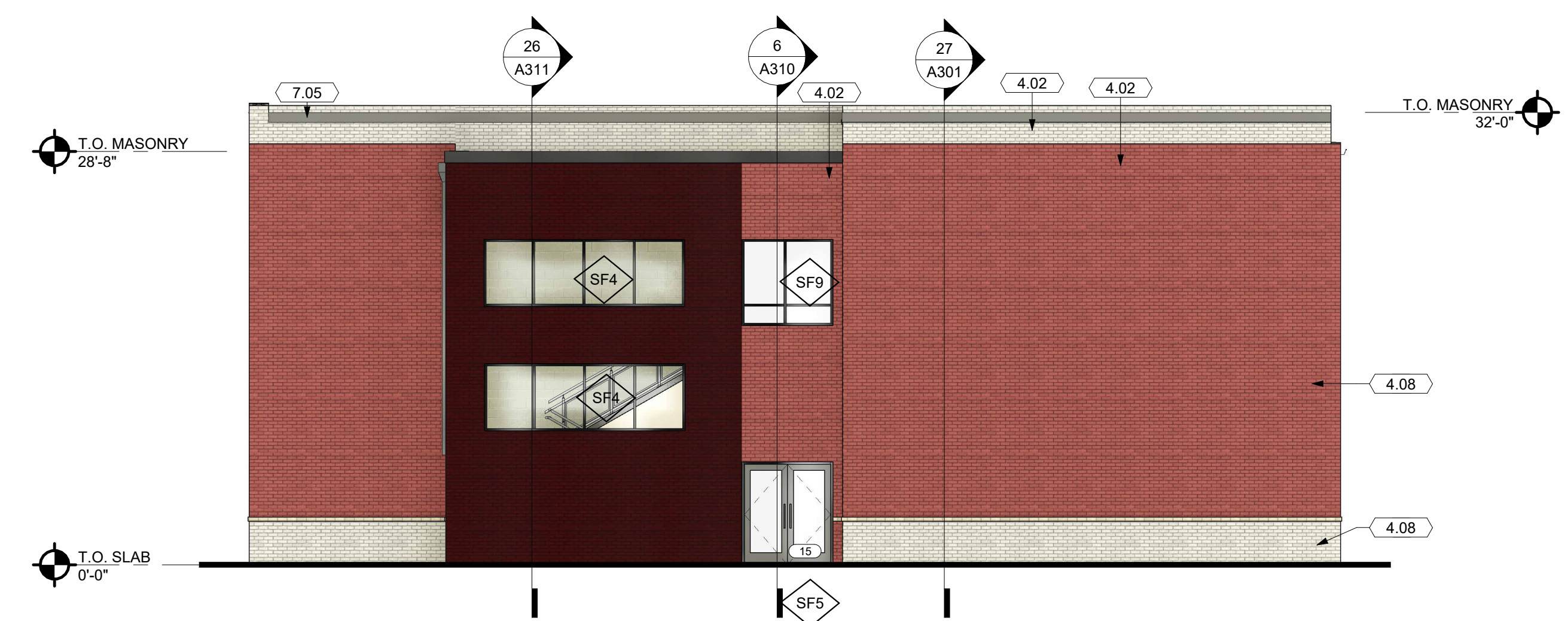
L200

L201

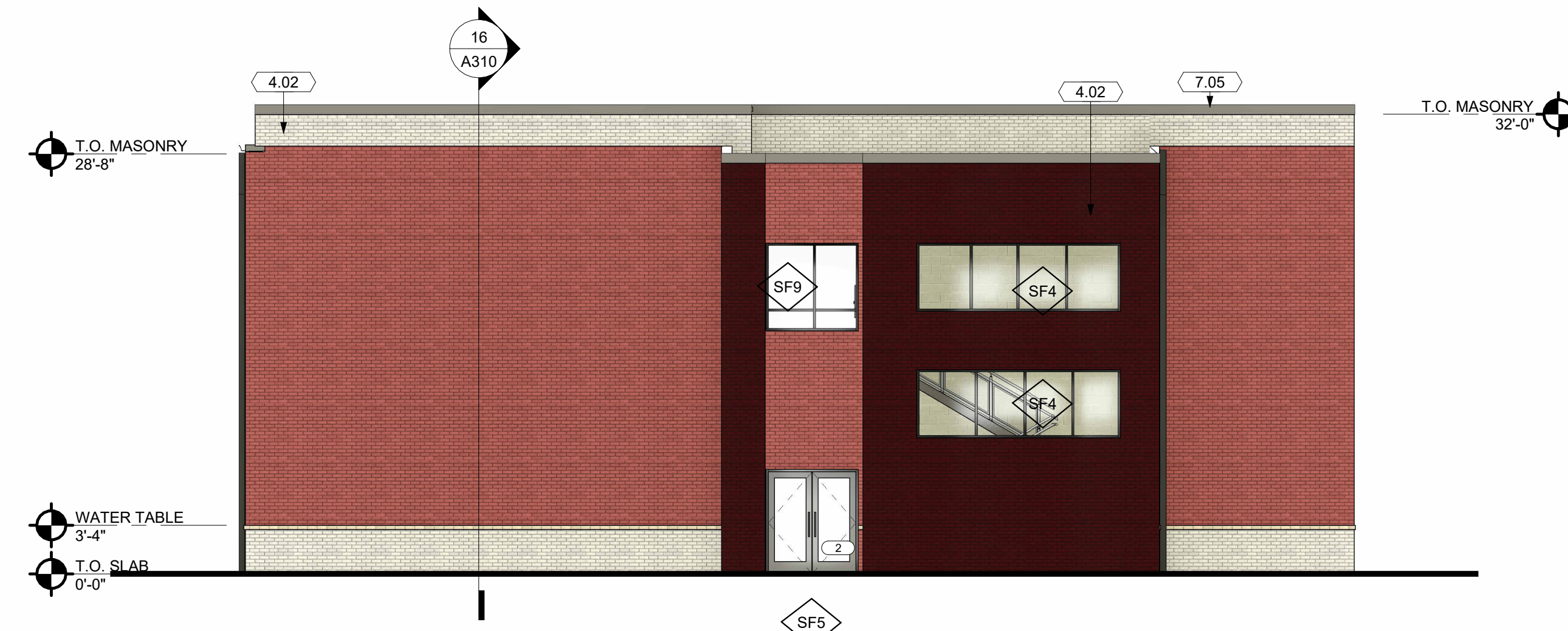
- A. SEE G-002 FOR PROJECT GENERAL REQUIREMENTS.
- B. REFER TO BUILDING AND WALL SECTIONS FOR BUILDING HEIGHTS.
- C. REFER TO OTHER TRADES FOR EXTERIOR MOUNTED LIGHTS, CAMERAS, ETC. PRIOR TO VENEER INSTALLATION. CONTRACTOR SHALL HOLD AN EXTERIOR COORDINATION MEETING AND SUBMIT ANY WALL MOUNTED EQUIPMENT LOCATIONS TO ARCHITECT FOR REVIEW.
- D. FOR WINDOW ELEVATIONS. SEE GLAZING LEGEND.

	BRICK VENEER - COLOR 1 (BV-1)
	BRICK VENEER - COLOR 2 (BV-2)
	BRICK VENEER - COLOR 3 (BV-3)
	METAL PANEL (MP-5)
	METAL SPANDREL (MS-1)





29 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"



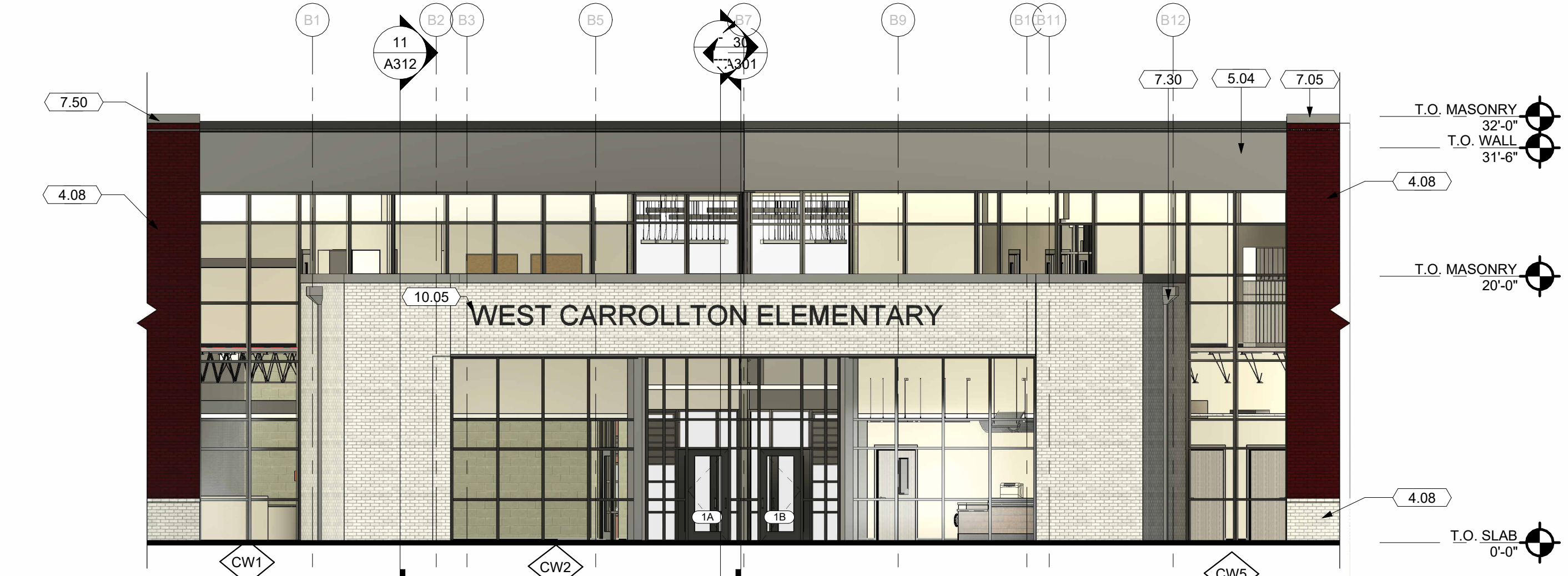
14 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"



28 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"



27 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"



26 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"

GENERAL NOTES - ELEVATION

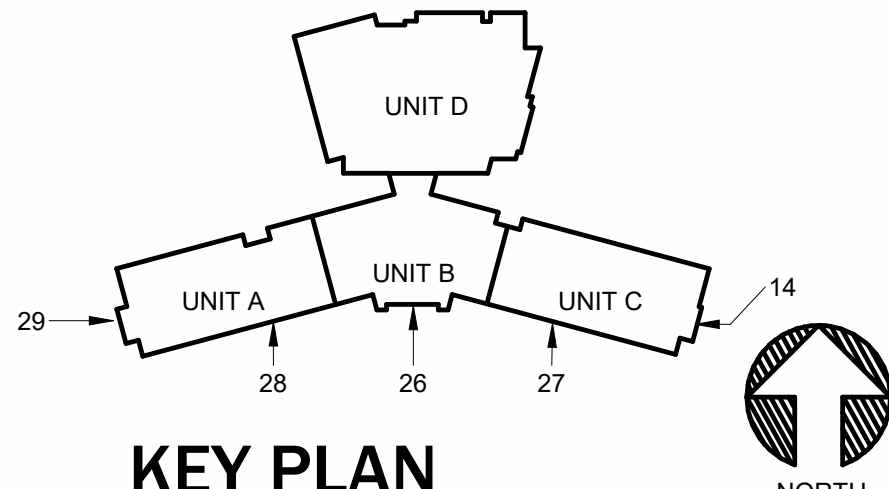
- A. SEE G-002 FOR PROJECT GENERAL REQUIREMENTS.
- B. REFER TO BUILDING AND WALL SECTIONS FOR BUILDING HEIGHTS.
- C. REFER TO OTHER TRADES FOR EXTERIOR MOUNTED LIGHTS, CAMERAS, ETC. PRIOR TO VENEER INSTALLATION CONTRACTOR SHALL HOLD AN EXTERIOR COORDINATION MEETING AND SUBMIT ANY WALL MOUNTED EQUIPMENT LOCATIONS TO ARCHITECT FOR REVIEW.
- D. FOR WINDOW ELEVATIONS, SEE GLAZING LEGEND.

EXTERIOR MATERIAL LEGEND

- BRICK VENEER - COLOR 1 (BV-1)
- BRICK VENEER - COLOR 2 (BV-2)
- BRICK VENEER - COLOR 3 (BV-3)
- METAL PANEL (MP-5)
- METAL SPANDREL (MS-1)

KEYNOTES

- 4.02 BRICK VENEER ON CMU BACKUP. SEE EXTERIOR MATERIAL LEGEND FOR BRICK COLOR.
- 4.08 BRICK VENEER. SEE ELEVATIONS FOR TYPE.
- 5.04 PREFINISHED METAL PANEL
- 7.05 PREFINISHED METAL COPING
- 7.28 ROOF ASSEMBLY: 60 MIL TPO MEMBRANE, 5" RIGID INSULATION (TWO LAYERS 2.5" POLYISOCYANURATE - R VALUE OF 32), 6 MIL VAPOR BARRIER, METAL DECK.
- 7.30 SCUPPER AND DOWNSPOUT
- 7.50 PRE-FINISHED METAL GRAVEL STOP
- 8.04 ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1" INSULATING GLASS AND INTEGRAL BLINDS WITH REMOVABLE GLASS PANEL.
- 8.18 WALL MOUNTED CAST METAL LETTERS
- 10.05



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ZONING	08.17.2023		
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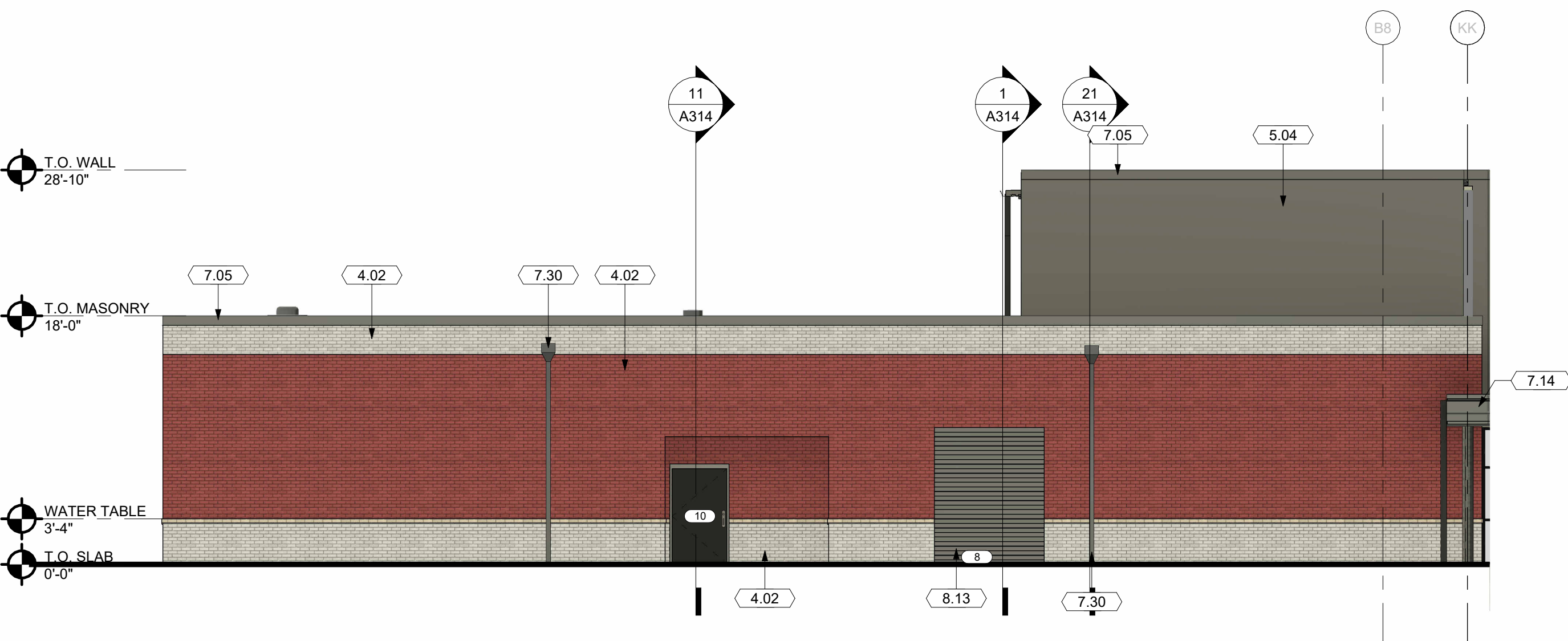
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West Carrollton City Schools
NEW ELEMENTARY SCHOOL
345 E. PEASE AVE
DAYTON, OHIO 45446

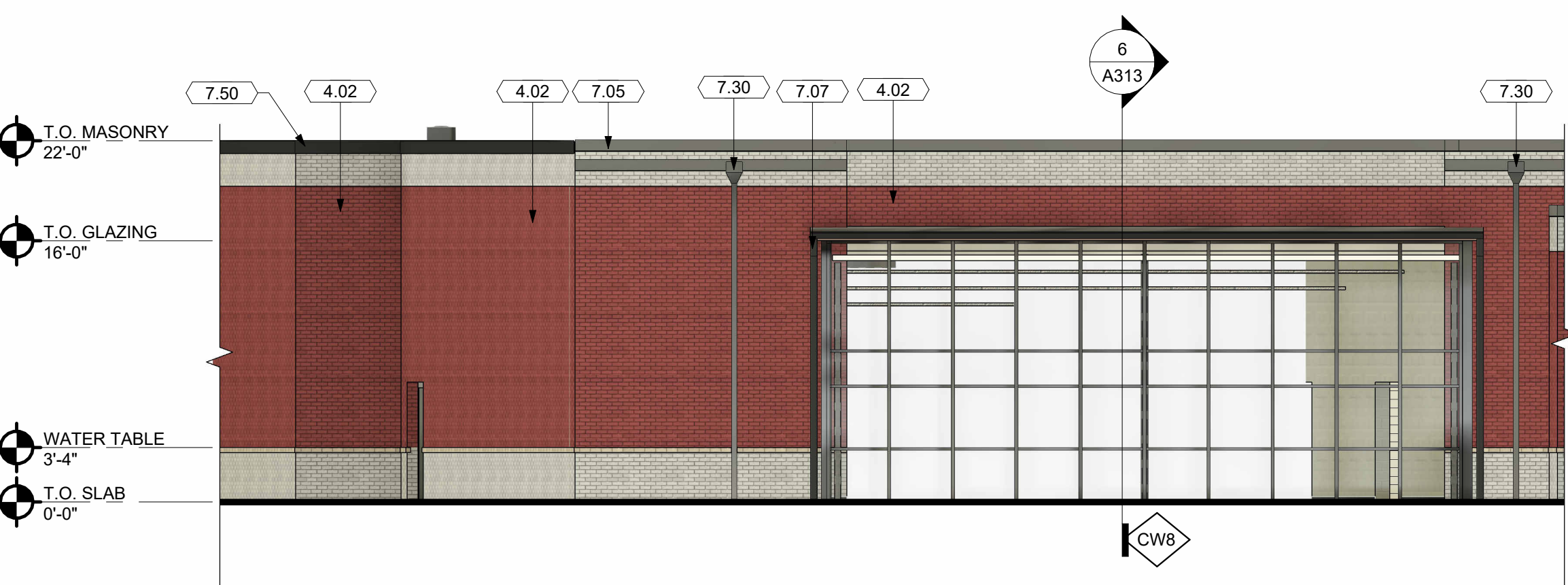
PROJECT NO: 223455.00
CHECKED BY: MW
DRAWN BY: MB, MH, JR, RR, CW
DATE: 08.17.2023

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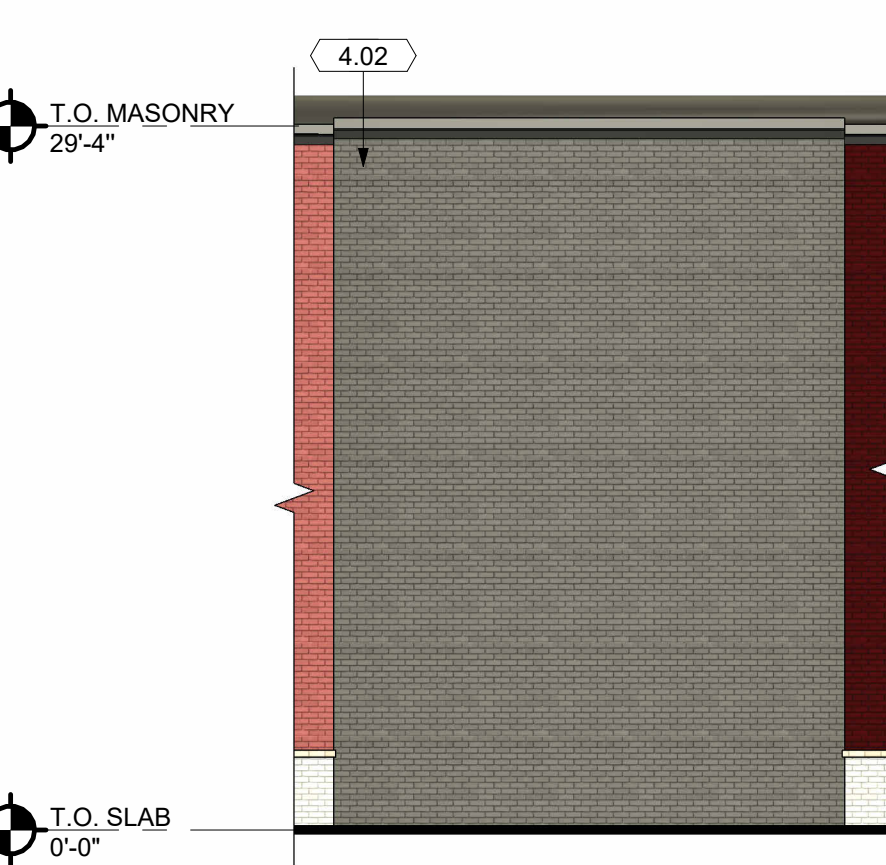
ENLARGED EXTERIOR ELEVATIONS
A202



29 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"



28 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"



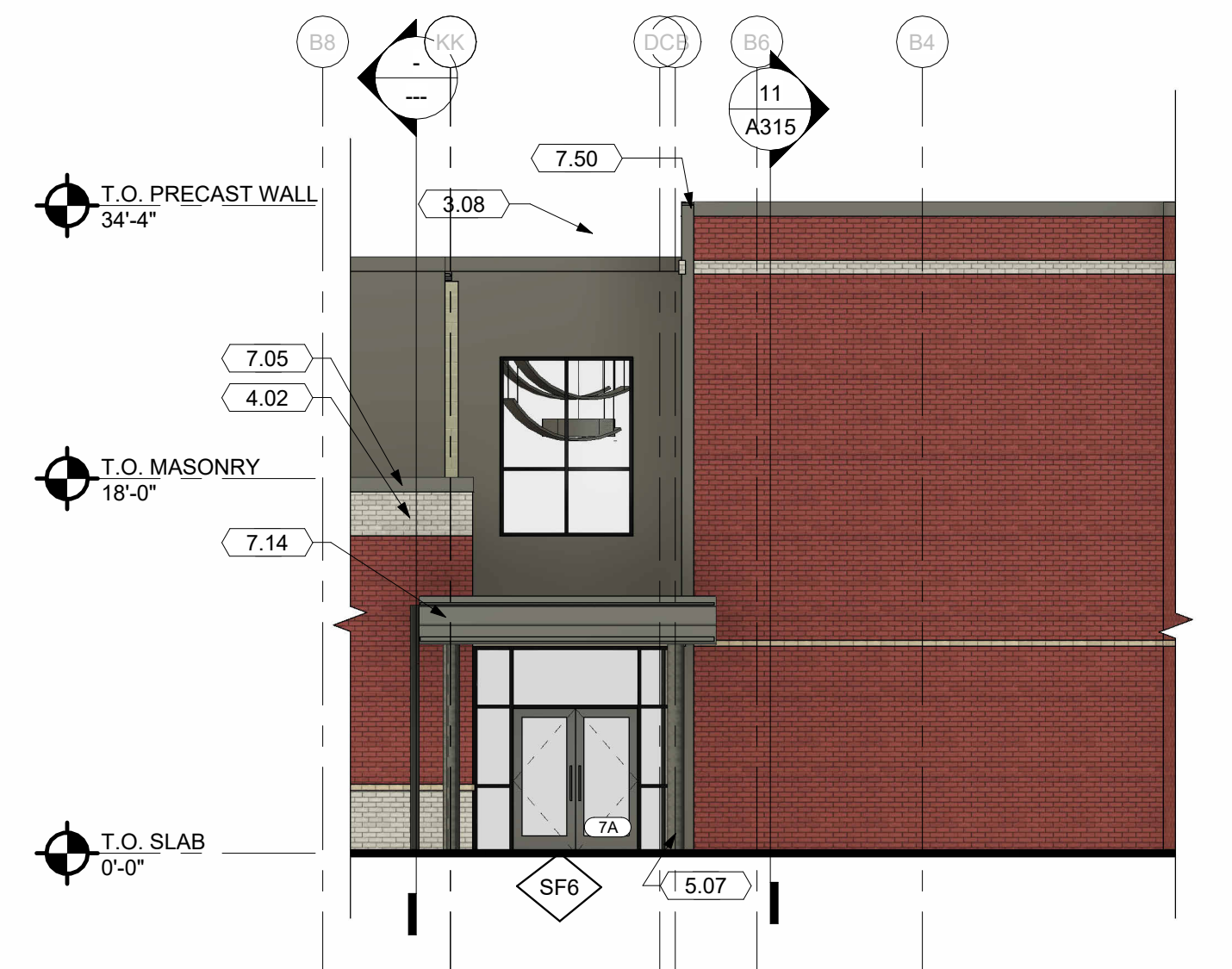
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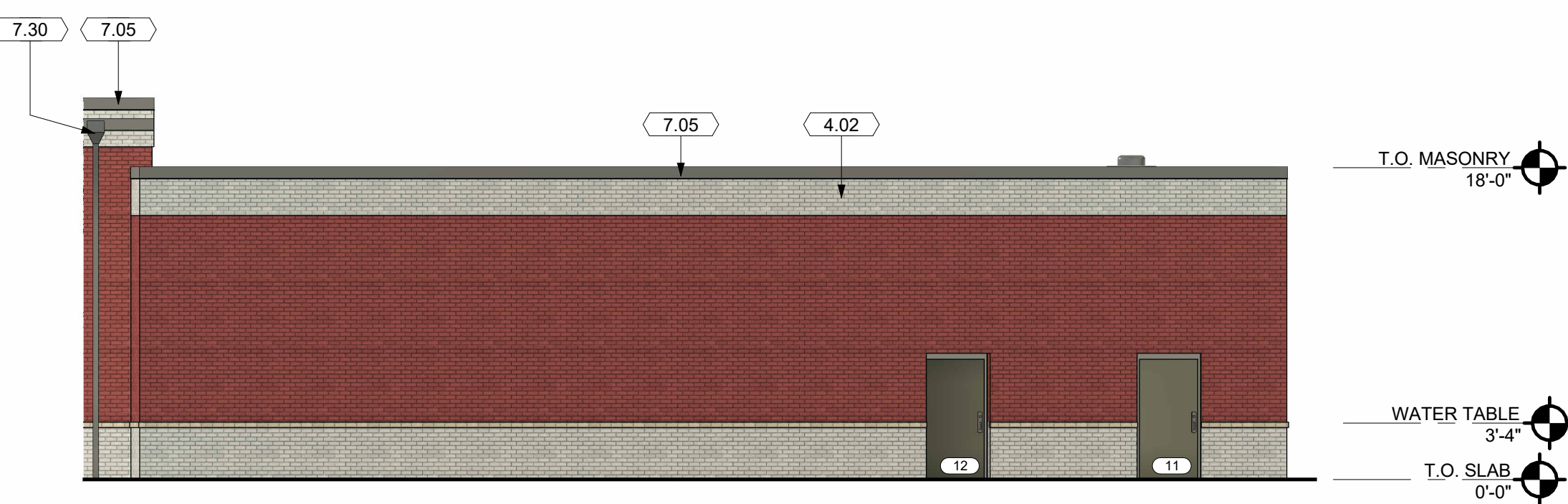
17 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"



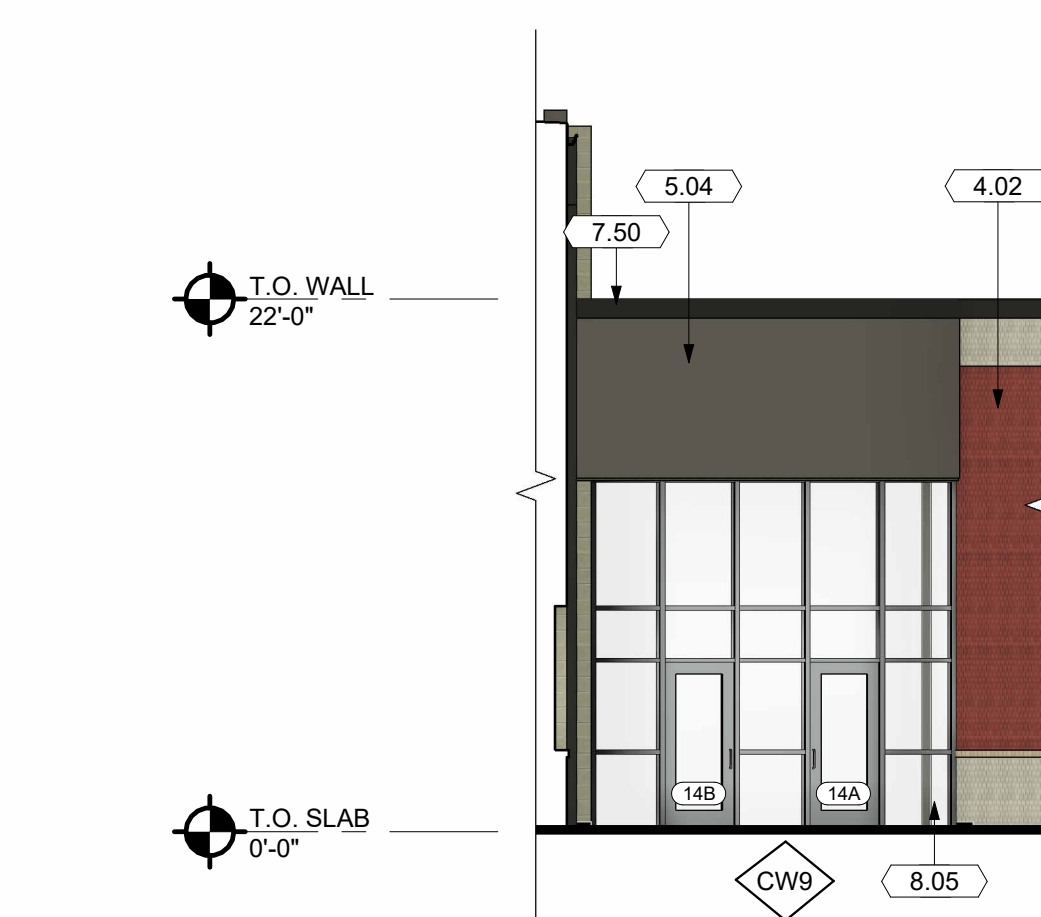
26 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"



14 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"



13 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"



12 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"

GENERAL NOTES - ELEVATION

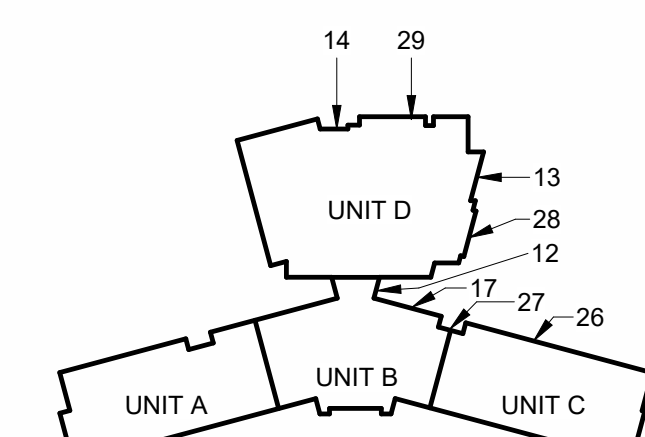
- A. SEE G-002 FOR PROJECT GENERAL REQUIREMENTS.
- B. REFER TO BUILDING AND WALL SECTIONS FOR BUILDING HEIGHTS.
- C. REFER TO OTHER TRADES FOR EXTERIOR MOUNTED LIGHTS, CAMERAS, ETC. PRIOR TO VENEER INSTALLATION CONTRACTOR SHALL HOLD AN EXTERIOR COORDINATION MEETING AND SUBMIT ANY WALL MOUNTED EQUIPMENT LOCATIONS TO ARCHITECT FOR REVIEW.
- D. FOR WINDOW ELEVATIONS. SEE GLAZING LEGEND.

EXTERIOR MATERIAL LEGEND

- BRICK VENEER - COLOR 1 (BV-1)
- BRICK VENEER - COLOR 2 (BV-2)
- BRICK VENEER - COLOR 3 (BV-3)
- METAL PANEL (MP-5)
- METAL SPANDREL (MS-1)

KEYNOTES

- 3.08 PRECAST WALL PANELS. 6" CONCRETE, 4" RIGID INSULATION, 4" CONCRETE (THIN BRICK FINISH)
- 4.02 BRICK VENEER ON CMU BACKUP. SEE EXTERIOR MATERIAL LEGEND FOR BRICK COLOR
- 5.04 PREFINISHED METAL PANEL
- 5.07 STEEL COLUMN. SEE STRUCTURAL DRAWINGS.
- 7.05 PREFINISHED METAL COPING
- 7.07 PREFINISHED METAL DOWNSPOUT.
- 7.14 PREFINISHED METAL FASCIA
- 7.30 SCUPPER AND DOWNSPOUT
- 7.50 PRE-FINISHED METAL GRAVEL STOP
- 8.04 ALUMINUM STOREFRONT SYSTEM WITH 1" INSULATED GLAZING
- 8.05 ALUMINUM CURTAINWALL SYSTEM WITH 1" INSULATED GLAZING
- 8.13 SECTIONAL OVERHEAD DOOR
- 23.07 PREFINISHED MECHANICAL LOUVER. SEE MECHANICAL DRAWINGS.



KEY PLAN



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REVISIONS:	Number	Description	Date

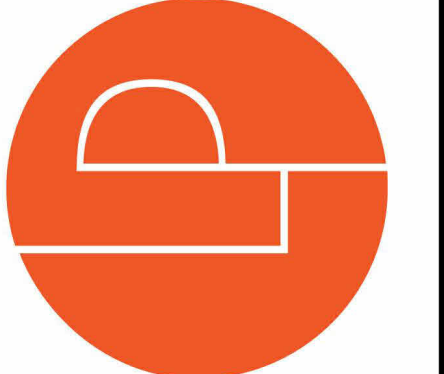
PRINTINGS:	Zone	Submittal

West Carrollton City Schools
NEW ELEMENTARY SCHOOL
345 E. PEARCE AVE
DAYTON, OHIO 45446



PROJECT NO: 223455.00
CHECKED BY: MW
DRAWN BY: MB, MH, JR, RC, CW
DATE: 08.17.2023

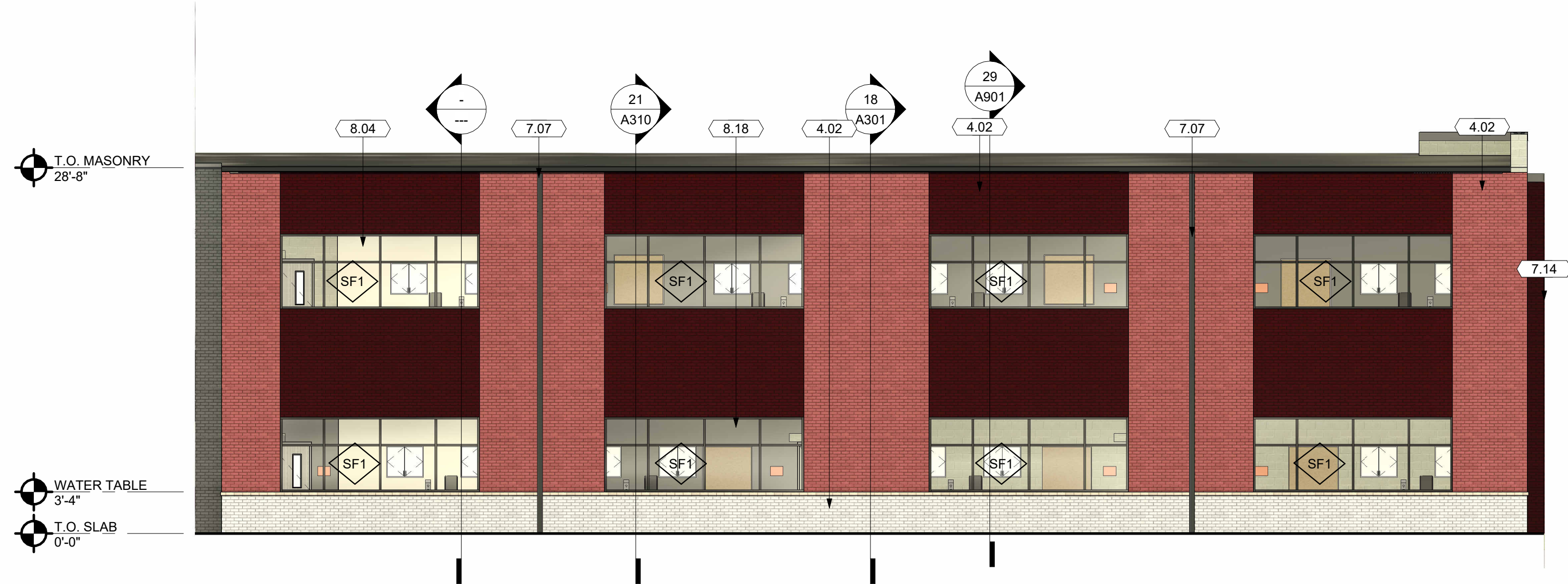
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MIDDLETOWN, OHIO 45342
www.levin-porter.com
LEVIN PORTER ARCHITECTS INC. 100 LEVIN PORTER BUILDING



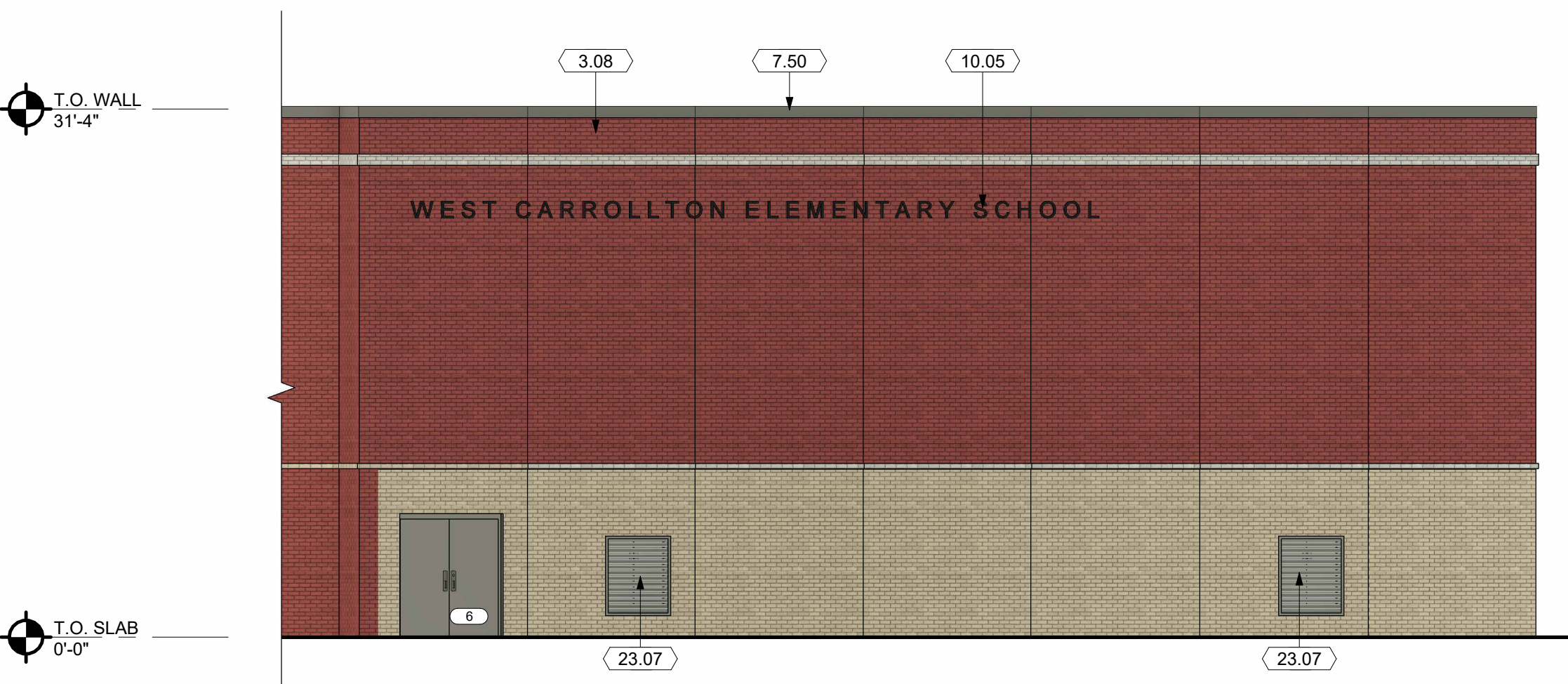
ENLARGED EXTERIOR ELEVATIONS
A203



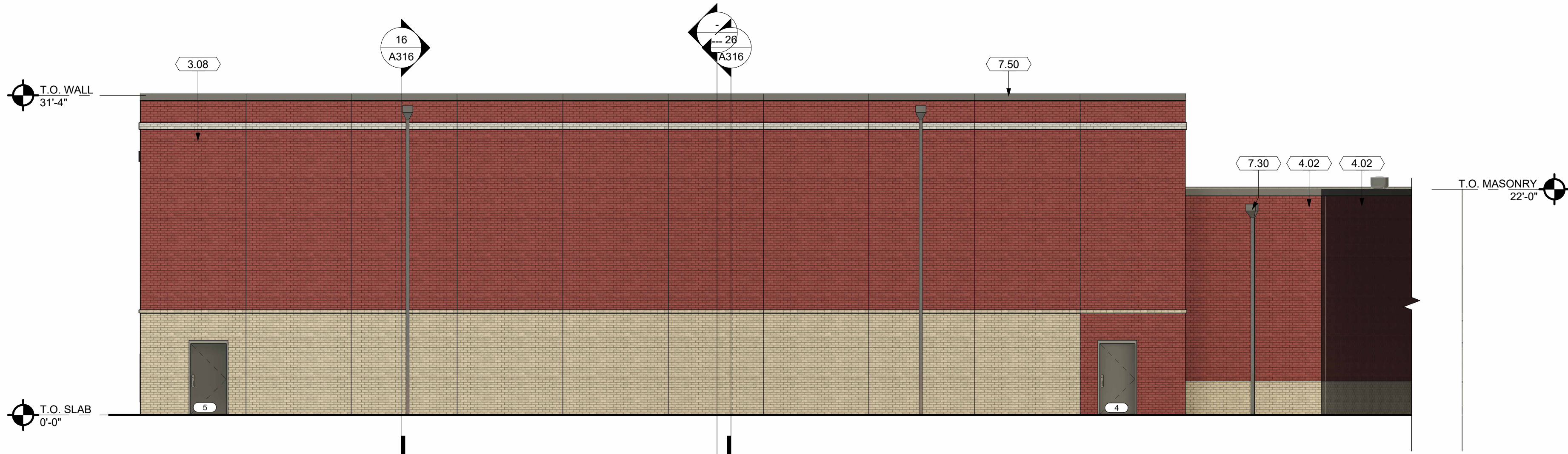
28 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"



23 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"



27 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"



16 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"



26 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"



25 EXTERIOR ELEVATION
SCALE | 1/8" = 1'-0"

GENERAL NOTES - ELEVATION

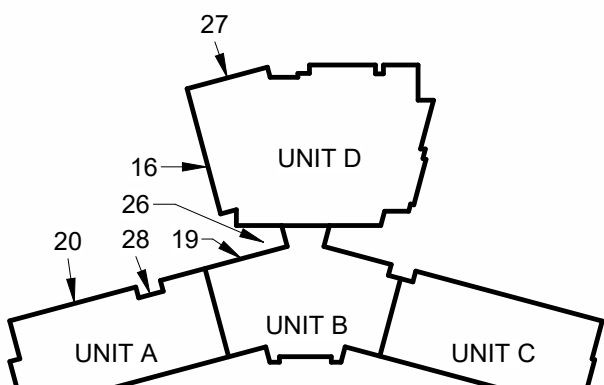
- A. SEE G-002 FOR PROJECT GENERAL REQUIREMENTS.
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C. REFER TO OTHER TRADES FOR EXTERIOR MOUNTED LIGHTS, CAMERAS, ETC. PRIOR TO VENEER INSTALLATION CONTRACTOR SHALL HOLD AN EXTERIOR COORDINATION MEETING AND SUBMIT ANY WALL MOUNTED EQUIPMENT LOCATIONS TO ARCHITECT FOR REVIEW.
D. FOR WINDOW ELEVATIONS. SEE GLAZING LEGEND.

EXTERIOR MATERIAL LEGEND

- BRICK VENEER - COLOR 1 (BV-1)
BRICK VENEER - COLOR 2 (BV-2)
BRICK VENEER - COLOR 3 (BV-3)
METAL PANEL (MP-5)
METAL SPANDREL (MS-1)

KEYNOTES

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8.04 ALUMINUM STOREFRONT SYSTEM WITH 1" INSULATED GLAZING
8.05 ALUMINUM CURTAINWALL SYSTEM WITH 1" INSULATED GLAZING
8.18 ALUMINUM STOREFRONT WINDOW SYSTEM WITH 1" INSULATING GLASS AND INTEGRAL BLINDS WITH REMOVABLE GLASS PANEL.
10.05 WALL MOUNTED CAST METAL LETTERS
23.07 PREFINISHED MECHANICAL LOUVER. SEE MECHANICAL DRAWINGS.



KEY PLAN

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	Number		
PRINTINGS:	ZONING	08.17.2023	
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CONSULTANTS

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NEW ELEMENTARY SCHOOL
345 E. PEARCE AVE
DAYTON, OHIO 45424



PROJECT NO: 223455.00
CHECKED BY: MW
DRAWN BY: MB, MH, JR, RR, CW
DATE: 08.17.2023

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ENLARGED EXTERIOR ELEVATIONS

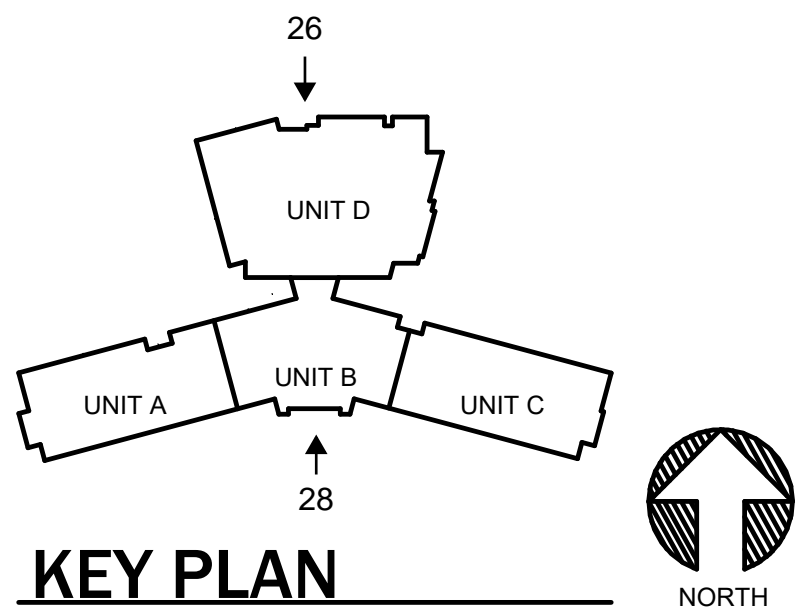
A204



28 EXTERIOR ELEVATION
SCALE | NTS



26 EXTERIOR ELEVATION
SCALE | NTS



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08.17.2023		

PRINTINGS:		
ZONING	PRE-SUBMITTAL	

West Carrollton City Schools
NEW ELEMENTARY SCHOOL
345 E. PEASE AVE
DAYTON, OHIO 45448

PROJECT NO:
223455.00

CHECKED BY:
MW

DRAWN BY:
MB, MH, JR, RR, CW

DATE:
08.17.2023

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ENLARGED EXTERIOR
ELEVATIONS
A205

AV SYMBOLS WITH ELECTRICAL REQUIREMENTS

15	W	SINGLE FACED WALL MOUNTED CLOCK (102" MH UNLESS NOTED OTHERWISE). 12" DIAMETER FACE ANALOG CLOCK UNLESS SUBSCRIPT "15" FOR 15" DIAMETER FACE ANALOG CLOCK OR "LED" FOR LED DIGITAL CLOCK. SUBSCRIPT "W" INDICATES WIRE GLASS. 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26.
15	W	DOUBLE FACED WALL MOUNTED CLOCK (102" MH UNLESS NOTED OTHERWISE). 12" DIAMETER FACE ANALOG CLOCK UNLESS SUBSCRIPT "15" FOR 15" DIAMETER FACE ANALOG CLOCK OR "LED" FOR LED DIGITAL CLOCK. 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26.
A	X	ROOF MOUNTED ANTENNA. REFER TO ANTENNA MOUNTING DETAIL FOR MORE INFORMATION. SUBSCRIPT INDICATES TYPE.
CA		WALL MOUNTED CALL ANNUNCIATOR FOR PAGING/INTERCOM SYSTEM (90" MH UNLESS NOTED OTHERWISE). CUSTOM BACKBOX FURNISHED PER DIV 27. INSTALLED WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26.
CA		ANNUNCIATOR INSTALLATION AND WIRING PER DIV 27.
CA		WALL MOUNTED CALL ORIGINATOR SWITCH FOR PAGING/INTERCOM SYSTEM (46" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. CALL SWITCH. FACEPLATE AND WIRING PER DIV 27.
CA		CLASSROOM SOUND FIELD SYSTEM RECEIVER PERIMETER AND WALL OUTLET (44" MH UNLESS NOTED OTHERWISE). TWO 1-GANG BOXES WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. SUBSCRIPT "W" INDICATES WALL MOUNTED ON SHELF. SOUND FIELD SYSTEM. GROMMETED FACEPLATES AND CABLING PER DIV 27.
CA		MICROPHONE SOUND SYSTEM MICROPHONE. 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. MICROPHONE WITH GROMMETED FACEPLATE. INSTALLATION AND WIRING PER DIV 27.
CA		LOCAL WALL MOUNTED INPUT (18" MH UNLESS NOTED OTHERWISE). 2-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. JACKS. FACEPLATE AND CABLING PER DIV 27.
CA		MONITOREFFECTS WALL OUTLET (18" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. JACKS. FACEPLATE AND WIRING PER DIV 27.
CA		MULTI-PIN CONNECTOR WALL OUTLET (18" MH UNLESS NOTED OTHERWISE). NEMA BOX FOR 8"x8" PLATE WITH 2" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. 8"x8" PLATE WITH CONNECTORS AND WIRING PER DIV 27.
CA		MICROPHONE/SPEAKER WALL MOUNTED JACK PLATE (18" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. JACKS. FACEPLATE AND CABLING PER DIV 27.
CA		PROGRAM SOURCE CABINET FOR PAGING/INTERCOM SYSTEM. TWO 1-GANG BOXES WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. GROMMETED FACEPLATES. CABINET. INSTALLATION AND WIRING PER DIV 27.
CA		WALL MOUNTED PROJECTOR. BACKBOX WITH 1-1/2" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. PROJECTOR MOUNT AND CABLING PER DIV 27. SUBSCRIPT "X" INDICATES CONFIGURATION TYPE. REFER TO FACEPLATE DETAILS.
CA		CEILING MOUNT ELECTRIC PROJECTION SCREEN. 1-GANG BOX WITH 1" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. SCREEN AND LOW VOLTAGE CONTROL PER DIV 27.
CA		WALL MOUNT ELECTRIC PROJECTION SCREEN. 1-GANG BOX WITH 1" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. SCREEN AND LOW VOLTAGE CONTROL PER DIV 27.
CA		REMOTE POWER SWITCH OUTLET (46" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. SWITCH. FACEPLATE AND WIRING PER DIV 27.
CA		RECESSED SOUND SYSTEM SPEAKER. 1-GANG TO ABOVE ACCESSIBLE CEILING PER DIV 26. GROMMETED FACEPLATE. SPEAKER. INSTALLATION ADJACENT TO BOX AND WIRING PER DIV 27. REFER TO ARCHITECTURAL DRAWINGS FOR RECESSED ENCLOSURE DETAILS.
CA		WALL MOUNTED SOUNDING SYSTEM SPEAKER. 1-GANG BOX WITH 1" CONDUIT TO ABOVE CEILING PER DIV 26. SPEAKER AND CABLING PER DIV 27.
CA		SPEAKER JACK PLATE (18" MH UNLESS NOTED OTHERWISE). 3-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26.
CA		HORN TYPE PAGING/INTERCOM SYSTEM SPEAKER (120" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. GROMMETED FACEPLATE. SPEAKER. INSTALLATION AND WIRING PER DIV 27.
CA		SURFACE MOUNTED PAGING/INTERCOM SPEAKER (120" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. SPEAKER. INSTALLATION AND CABLING PER DIV 27.
CA		PAGING/INTERCOM SYSTEM WALL MOUNTED SPEAKER VOLUME CONTROLLER (46" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. VOLUME CONTROLLER WITH FACEPLATE. INSTALLATION AND WIRING PER DIV 27.
CA		WALL MOUNTED AV SYSTEM CONTROL INTERFACE. SUBSCRIPT "X" INDICATES TYPE. REFER TO SYSTEM DIAGRAMS. BACKBOX (46" MH UNLESS NOTED OTHERWISE) WITH 1" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. CONTROLLER WITH CABLING PER DIV 27.

SECURITY SYMBOLS WITH ELECTRICAL REQUIREMENTS

BR		WALL MOUNTED BIOMETRIC READER (46" MH UNLESS NOTED OTHERWISE). 2-GANG BOX WITH 0.75" CONDUIT TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING PER DIV 26. READER AND CABLING PER DIV 28. REFER TO SECURITY ROUGH-IN DETAILS.
CC		CCV SYSTEM WALL MOUNTED CAMERA (REFER TO CAMERA SCHEDULE FOR MOUNTING HEIGHT AND CAMERA SPECIFICATIONS). SUBSCRIPT "A" INDICATES ENTRY IN CAMERA SCHEDULE. 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. CAMERA AND CABLING PER DIV 28.
CC		WALL MOUNTED MONITOR OUTLET FOR CCV SYSTEM (46" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 1" CONDUIT TO ABOVE CORRIDOR CEILING PER DIV 26. JACK. FACEPLATE AND CABLING PER DIV 28.
CR		WALL MOUNTED PROXIMITY CARD READER (46" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH CONDUIT TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING PER DIV 26. CARD READER AND CABLING PER DIV 28. REFER TO SECURITY ROUGH-IN DETAILS.
CR		ELEVATOR CAB MOUNTED CARD READER. READER TO BE INSTALLED IN ELEVATOR CAB AS COORDINATED WITH ELEVATOR CONTRACTOR. WIRING FROM CAB THRU TRAVELING CABLE TO ELEVATOR CONTROLLER IN ELEVATOR MACHINE ROOM AND INTERFACE WITH ELEVATOR CONTROLLER LOCAL AND SMS PER DIV 28. COORDINATE WITH ELEVATOR CONTRACTOR. REFER TO SECURITY ROUGH-IN DETAILS.
DC		LOCAL IP BASED 2-DOOR ACCESS CONTROL PANEL SERVING LOCAL CARD READER/SECURITY CONTROLLED DOORS. LOCATE ABOVE ADJACENT ACCESSIBLE CEILING. PROVIDE DATA IN 1/2" CONDUIT TO LOCAL DATA CLOSET. EXTEND 1" CONDUIT WITH DOOR SECURITY WIRING TO LOCAL SECURITY SYSTEM JUNCTION BOX. REFER TO SECURITY ROUGH-IN DETAILS.
DM		DOOR POSITION SWITCH WITH WIRING PER DIV 26. CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING PER DIV 26. PROVIDE ONE CONTACT FOR EACH LEAF IN MULTI-DOOR OPENINGS. REFER TO SECURITY ROUGH-IN DETAILS.
EDC		ELECTRONIC DOOR CONTROL. SUBSCRIPT "X" INDICATES SPECIFIC DOOR. REFER TO ELECTRONIC DOOR CONTROL SCHEDULE FOR REQUIREMENTS.
EL		ELECTRONIC DOOR LOCK AND INSTALLATION BY OTHERS. LOW VOLTAGE WIRING PER DIV 28. CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING PER DIV 26. REFER TO SECURITY ROUGH-IN DETAILS.
EM		ELECTRONIC MAG LOCK AND INSTALLATION BY OTHERS. LOW VOLTAGE WIRING PER DIV 28. CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING PER DIV 26. REFER TO SECURITY ROUGH-IN DETAILS.
ES		ELECTRONIC STRIKE AND INSTALLATION BY OTHERS. LOW VOLTAGE WIRING PER DIV 28. CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING PER DIV 26. REFER TO SECURITY ROUGH-IN DETAILS.
HA		WALL/PEDESTAL MOUNT HANDICAP DOOR ACTUATOR BUTTON. FURNISHED BY OTHERS. BOX AS REQUIRED BY SYSTEM MANUFACTURER WITH INSTALLATION AND CONDUIT TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING PER DIV 26. ALL LOW VOLTAGE WIRING AND INTERFACE WITH SMS AND DOOR MOTOR PER DIV 28. REFER TO SECURITY ROUGH-IN DETAILS.
HD		HANDICAP DOOR OPERATOR MOTOR ASSEMBLY BY OTHERS. 120V POWER CONNECTION AND CONDUIT FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING PER DIV 26. LOW VOLTAGE WIRING AND INTERFACE WITH SMS AND DOOR ACTUATOR BUTTONS PER DIV 28. REFER TO SECURITY ROUGH-IN DETAILS.
HD		WALL/DOOR MOUNTED ELECTROMAGNETIC DOOR HOLD OPEN WITH POWER SUPPLY INSTALLED BY OTHERS. 120V POWER AND CONNECTION, BOX AS REQUIRED BY MANUFACTURER AND CONDUIT TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING PER DIV 26. LOW VOLTAGE WIRING FROM POWER SUPPLY TO HOLD OPEN AND INTERFACE WITH SMS PER DIV 28. SUBSCRIPT "A" INDICATES DEVICES POWERED FROM FIRE ALARM SYSTEM AND INTERFACE FROM SMS TO FIRE ALARM SYSTEM REQUIRED FOR DOOR RELEASE PER DIV 28. REFER TO SECURITY ROUGH-IN DETAILS.
IC		WALL MOUNTED INTERCOM DOOR STATION (46" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. INTERCOM AND CABLING PER DIV 26.
JB		SECURITY SYSTEM JUNCTION BOX TO BE LOCATED ABOVE ACCESSIBLE CEILING (MIN 6"x6"x4"). ROUTE LOCAL DOOR SECURITY WIRING CONDUITS/RACEWAYS TO JUNCTION BOX. EXTEND 1" CONDUIT WITH DOOR SECURITY WIRING TO LOCAL 2-DOOR CONTROL PANEL/REMOTE DOOR CONTROL PANEL AS INDICATED ON DRAWINGS. REFER TO SECURITY ROUGH-IN DETAILS.
K		WALL MOUNTED SECURITY KEYPAD ENTRY STATION (46" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING PER DIV 26. KEYPAD AND CABLING PER DIV 28.
KC		WALL MOUNTED COMBINATION KEYPAD/CARD READER (46" MH UNLESS NOTED OTHERWISE). 2-GANG BOX WITH 0.75" CONDUIT TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING PER DIV 26. DEVICE AND CABLING PER DIV 28.
LB		ELECTRONIC LATCH BOLT MONITORING. HARDWARE AND INSTALLATION BY OTHERS. LOW VOLTAGE WIRING PER DIV 28. CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SECURITY JUNCTION BOX ABOVE CEILING PER DIV 26. REFER TO SECURITY ROUGH-IN DETAILS.
MD		CEILING MOUNTED MOTION DETECTOR. 1-GANG BOX MOUNTED IN CEILING PER DIV 26. DETECTOR AND CABLING PER DIV 28.
MD		WALL MOUNTED MOTION DETECTOR (90" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. MOTION DETECTOR. WALL MOUNT HARDWARE. AND CABLING PER DIV 28.
MC		CEILING MOUNTED SECURITY/CCV SYSTEM AUDIO MICROPHONE. 1-GANG BOX MOUNTED IN CEILING PER DIV 26. MICROPHONE AND CABLING PER DIV 28.
PB		WALL MOUNTED PUSH BUTTON FOR LOCAL ELECTRONIC DOOR RELEASE (46" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. BUTTON AND CABLING PER DIV 28.
PL		SITE POLE FOR MOUNTING SECURITY CAMERAS (REFER TO SPECIFICATIONS FOR SIZE/TYPE). PROVIDE POLE WITH CONCRETE BASE AS INDICATED ON PLANS. EXTEND AND CONNECT TO SITE CONDUIT SYSTEM AS INDICATED ON PLANS. PROVIDE NEMA 3R JUNCTION BOX AT BASE OF POLE FOR CAMERA EQUIPMENT (120V POWER SUPPLY, FIBER CONVERTERS, ETC.). REFER TO SECURITY ROUGH-IN DETAILS.
PP		WALL MOUNTED PANICOURESS BUTTON (46" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. BUTTON AND CABLING PER DIV 28.
PS		LOCAL LOW VOLTAGE POWER SUPPLY FOR EXTERIOR CAMERA. SUBSCRIPT "X" INDICATES ASSOCIATED CAMERA. 120V POWER INTO LOCAL JUNCTION BOX ABOVE CEILING AND CONNECTION TO POWER SUPPLY PER DIV 26. POWER SUPPLY MOUNTED ABOVE CEILING AND LOW VOLTAGE WIRING TO LOCAL CAMERA PER DIV 28.
RX		REQUEST TO EXIT SWITCH IN DOOR HARDWARE BY OTHERS. LOW VOLTAGE WIRING PER DIV 28. CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING PER DIV 26. REFER TO SECURITY ROUGH-IN DETAILS.
X		WALL MOUNTED SECURITY SYSTEM WIRING OUTLET MOUNTED BELOW COUNTER TOP. 2-GANG BOX WITH 2-1" CONDUITS TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING PER DIV 26. GROMMETED FACEPLATE AND SECURITY SYSTEM CABLING PER DIV 26.

ELECTRICAL SYMBOLS

1	1	DASH SYMBOL INDICATES PARTICULAR OUTLET OR DEVICE TO BE REMOVED AND CIRCUITRY MADE CONTINUOUS WHERE REQUIRED.
1	1	EXISTING OUTLET OR DEVICE TO REMAIN. MAINTAIN EXISTING CIRCUITING.
1	1	ELECTRICAL CONNECTION.
1	1	20A-125V DUPLEX RECEPTACLE. NEMA 5-20R (18" MH UNLESS NOTED OTHERWISE). WHEN (U) SHOWN, RECEPTACLE TO HAVE TYPE.
1	1	20A-125V SINGLE RECEPTACLE. NEMA 5-20R (18" MH UNLESS NOTED OTHERWISE).
1	1	SPECIAL PURPOSE RECEPTACLE. REFER TO NOTE ON PLAN.
1	1	20A-125V DOUBLE DUPLEX RECEPTACLE. NEMA 5-20R (18" MH UNLESS NOTED OTHERWISE). TWO GANG ASSEMBLY.
1	1	20A-125V DUPLEX RECEPTACLE. NEMA 5-20R WITH BOTTOM OUTLET CONTROLLED BY WALL SWITCH (18" MH UNLESS NOTED OTHERWISE).
1	1	20A-125V DUPLEX RECEPTACLE. NEMA 5-20R (46" MH UNLESS NOTED OTHERWISE).
1	1	20A-125V DUPLEX RECEPTACLE. NEMA 5-20R WITH 2 INTEGRAL USB CHARGERS (18" MH UNLESS NOTED OTHERWISE).
1	1	20A-125V DUPLEX RECEPTACLE. NEMA 5-20R, WITH GROUND FAULT CIRCUIT INTERRUPTER (18" MH UNLESS NOTED OTHERWISE).
1	1	20A-125V WEATHERPROOF DUPLEX RECEPTACLE. NEMA 5-20R (HORIZONTAL 18" MH UNLESS NOTED OTHERWISE) WITH TAYMAC M4420G EXTRA DUTY GRAY COVER. VERTICAL MOUNT.
1	1	20A-125V WEATHERPROOF DUPLEX RECEPTACLE. NEMA 5-20R WITH GROUND FAULT CIRCUIT INTERRUPTER (18" MH UNLESS NOTED OTHERWISE). WITH TAYMAC M4420G EXTRA DUTY GRAY COVER. VERTICAL MOUNT.
1	1	20A-125V DUPLEX RECEPTACLE. NEMA 5-20R, ON EMERGENCY POWER (18" MH UNLESS NOTED OTHERWISE).
1	1	20A-125V POWERLOCK GROUNDING TYPE RECEPTACLE. HOSPITAL USE (96" MH UNLESS NOTED OTHERWISE).
1	1	20A-125V DUPLEX PEDESTAL TYPE FLOOR RECEPTACLE. NEMA 5-20R. IN HUBBELL BA-2527 FLOOR BOX WITH SA-2525 COVERPLATE AND SC-3901 HOUSING. PROVIDE CARPET FLANGE WHERE REQUIRED.
1	1	FLOOR BOX. X INDICATES TYPE. REFER TO FLOOR BOX (FB) SCHEDULE. IF NO #, PROVIDE HUBBELL BA-2527 FLUSH FLOOR BOX WITH ROUND SA-3825 COVERPLATE AND ONE 20A-125V DUPLEX RECEPTACLE. PROVIDE CARPET FLANGE WHERE REQD.
1	1	FIRE RATED POKE-THRU. # INDICATES TYPE. REFER TO POKE-THRU (PT) SCHEDULE. IF NO #, PROVIDE HUBBELL 6 INCH RECESSED ACCESS POKE-THRU WITH TWO 20A-125V DUPLEX RECEPTACLES. PROVIDE CARPET FLANGE WHERE REQD.
1	1	2A-125V DUPLEX RECEPTACLE. NEMA 5-20R, WITH ISOLATED GROUND (18" MH UNLESS NOTED OTHERWISE).
1	1	20A-125V250V-1PH-4W SINGLE RECEPTACLE. NEMA 14-20R (18" MH UNLESS NOTED OTHERWISE).
1	1	30A-125V250V-1PH-4W SINGLE RECEPTACLE. NEMA 14-30R (18" MH UNLESS NOTED OTHERWISE).
1	1	50A-125V250V-1PH-4W SINGLE RECEPTACLE. NEMA 14-50R (18" MH UNLESS NOTED OTHERWISE).
1	1	20A-250V-3PH-4W SINGLE RECEPTACLE. NEMA 15-20R (18" MH UNLESS NOTED OTHERWISE).
1	1	30A-250V-3PH-4W SINGLE RECEPTACLE. NEMA 15-30R (18" MH UNLESS NOTED OTHERWISE).
1	1	50A-250V-3PH-4W SINGLE RECEPTACLE. NEMA 15-50R (18" MH UNLESS NOTED OTHERWISE).
1	1	JUNCTION BOX.
1	1	MULTI-OUTLET RECEPTACLES ASSEMBLY. NEMA 5-15R (SINGLE OUTLETS ON 18" CENTERS) (46" MH UNLESS NOTED OTHERWISE).
1	1	WIREMOLD RACEWAY. AS NOTED ON PLANS.
1	1	CLOCK HANGER OUTLET. SINGLE NEMA 5-15R RECESSED IN COVER PLATE. (64" MH UNLESS NOTED OTHERWISE).
1	1	SINGLE POLE SWITCH (46" MH UNLESS NOTED OTHERWISE).
1	1	TWO POLE WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
1	1	MULTI-WAY WALL SWITCH. # INDICATES NUMBER OF WAYS (46" MH UNLESS NOTED OTHERWISE).
1	1	SWITCH WITH NEON PILOT LIGHT. ONE-GANG ASSEMBLY (46" MH UNLESS NOTED OTHERWISE).
1	1	KEY OPERATED WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
1	1	LOW-VOLTAGE MOMENTARY WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
1	1	LIGHTING DIMMER SWITCH (46" MH UNLESS NOTED OTHERWISE). 1000 WATTS UNLESS OTHERWISE INDICATED.
1	1	SWITCH WITH RECEPTACLE (46" MH UNLESS NOTED OTHERWISE). STANDARD TWO-GANG ASSEMBLY OF SWITCH AND RECEPTACLE.
1	1	FLUSH FRACTIONAL HORSEPOWER MOTOR STARTER WITH NEON PILOT LIGHT. ONE-GANG ASSEMBLY (46" MH UNLESS NOTED OTHERWISE).
1	1	HP RATED WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).
1	1	ELECTRICAL PANEL OR SWITCHBOARD PER DRAWINGS.
1	1	PULL BOX.
1	1	DISCONNECT SWITCH.
1	1	MOTOR STARTER.
1	1	COMBINATION MOTOR STARTER AND DISCONNECT SWITCH.
1	1	ELECTRIC MOTOR.
1	1	UNIT HEATER.
1	1	FAN COIL.
1	1	AIR CONDITIONER.
1	1	CONDENSING UNIT.
1	1	UNIT VENTILATOR.
1	1	CORD REEL.
1	1	POWER POLE.
1	1	LINE VOLTAGE THERMOSTAT.
1	1	DUCT HEATER.
1	1	ELECTRIC BASEBOARD HEATER.
1	1	INTERCOM SYSTEM DESK MOUNTED MASTER CONTROL STATION. SUBSCRIPT "W" INDICATES WALL MOUNT (46" MH UNLESS NOTED OTHERWISE).
1	1	INTERCOM STAFF STATION (46" MH UNLESS NOTED OTHERWISE).
1	1	INTERCOM HORN TYPE SPEAKER (84" MH UNLESS NOTED OTHERWISE).
1	1	INTERCOM SPEAKER FLUSH MOUNT IN CEILING.
1	1	PUSHBUTTON (46" MH UNLESS NOTED OTHERWISE). EDWARDS 852 (120 VOLT).
1	1	BUZZER (90" MH UNLESS NOTED OTHERWISE). EDWARDS 340 A (120 VOLT).
1	1	4" DIAMETER (90" MH UNLESS NOTED OTHERWISE). EDWARDS "ADAPTABLE" (120 VOLT).
1	1	ELAPSED TIME INDICATOR CLOCK (90" MH UNLESS NOTED OTHERWISE) WITH RESET SWITCH (46" MH UNLESS NOTED OTHERWISE).
1	1	PHOTOELECTRIC SENSOR.
1	1	LIGHTING CONTACTOR.
1	1	CEILING MOUNTED OCCUPANCY SENSOR.
1	1	WALL MOUNTED OCCUPANCY SENSOR.
1	1	CEILING MOUNTED DAYLIGHT SENSOR.
1	1	OCCUPANCY SENSOR POWER PACK.

FIRE ALARM SYMBOLS

1	1	FIRE ALARM CONTROL PANEL.
1	1	REMOTE ANNUNCIATOR PANEL.
1	1	NOTIFICATION APPLANCE CIRCUIT EXTENDER PANEL.
1	1	AIR SAMPLING SMOKE DETECTOR BASE UNIT.
1	1	FIRE ALARM SPEAKER & SIGNAL LIGHT (88" AFF). # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 15 CANDELA IN CORRIDORS AND 30 CANDELA FOR ALL OTHER LOCATIONS.
1	1	FIRE ALARM BELL & SIGNAL LIGHT (88" AFF). # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 15 CANDELA IN CORRIDORS AND 30 CANDELA FOR ALL OTHER LOCATIONS.
1	1	FIRE ALARM CHIME & SIGNAL LIGHT (88" AFF). # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 15 CANDELA IN CORRIDORS AND 30 CANDELA FOR ALL OTHER LOCATIONS.
1	1	FIRE ALARM HORN & SIGNAL LIGHT (88" AFF). # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 15 CANDELA IN CORRIDORS AND 30 CANDELA FOR ALL OTHER LOCATIONS.
1	1	FIRE ALARM BELL (88" AFF UNLESS NOTED OTHERWISE). SUBSCRIPT "W" INDICATES EXTERIOR WEATHERPROOF UNIT.
1	1	FIRE ALARM SIGNAL LIGHT (88" AFF). # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 15 CANDELA IN CORRIDORS AND 30 CANDELA FOR ALL OTHER LOCATIONS.
1	1	CEILING MOUNTED FIRE ALARM SPEAKER & SIGNAL LIGHT. # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 15 CANDELA IN CORRIDORS AND 30 CANDELA FOR ALL OTHER LOCATIONS.
1	1	CEILING MOUNTED FIRE ALARM HORN & SIGNAL LIGHT. # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 15 CANDELA IN CORRIDORS AND 30 CANDELA FOR ALL OTHER LOCATIONS.
1	1	CEILING MOUNTED FIRE ALARM SIGNAL LIGHT. # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 15 CANDELA IN CORRIDORS AND 30 CANDELA FOR ALL OTHER LOCATIONS.
1	1	CEILING MOUNTED FIRE ALARM SPEAKER.
1	1	SURFACE MOUNTED FIRE ALARM SPEAKER (88" AFF). SUBSCRIPT "R" INDICATES RECESSED MOUNTING.
1	1	FIRE ALARM MANUAL STATION (46" MH UNLESS NOTED OTHERWISE). SUBSCRIPT "K" INDICATES KEY OPERATED.
1	1	CEILING MOUNTED SMOKE DETECTOR.
1	1	CEILING MOUNTED HEAT DETECTOR.
1	1	DUCT MOUNTED SMOKE DETECTOR. SUBSCRIPT "S" INDICATES SUPPLY. SUBSCRIPT "R" INDICATES RETURN.
1	1	DUCT MOUNTED HEAT DETECTOR. SUBSCRIPT "S" INDICATES SUPPLY. SUBSCRIPT "R" INDICATES RETURN.
1	1	BEAM DETECTOR. SUBSCRIPT "T" INDICATES TRANSMITTER FUNCTION. SUBSCRIPT "R" INDICATES RECEIVER FUNCTION.
1	1	ELECTRIC RELEASE DOOR CLOSER.
1	1	ELECTRO-MAGNETIC DOOR HOLDER.
1	1	WATER FLOW SWITCH.
1	1	VALVE SUPERVISORY SWITCH.
1	1	CEILING MOUNTED REMOTE TEST STATION AND ALARM INDICATOR LIGHT FOR DUCT DETECTOR. SUBSCRIPT "W" INDICATES WALL MOUNT.
1	1	SMOKE DAMPER.
1	1	FIRE FIGHTER'S TELEPHONE (80" MH UNLESS NOTED OTHERWISE).
1	1	PRESSURE SWITCH.
1	1	ADDRESSABLE MODULE. SUBSCRIPT "I" INDICATES INPUT. SUBSCRIPT "C" INDICATES CONTROL.
1	1	POST INDICATOR VALVE.
1	1	SINGLE POLE SWITCH (46" MH UNLESS NOTED OTHERWISE). SUBSCRIPT "S" INDICATES SUPERVISED UNIT.
1	1	AIR SAMPLING SMOKE DETECTOR SAMPLING PORT.

TECHNOLOGY SYMBOLS WITH ELEC. REQUIREMENTS

1	1	CONDUIT SLEEVE / FIRE RATED SLEEVE ASSEMBLY THRU WALL (1-2" SLEEVE UNLESS NOTED OTHERWISE) PER DIV 26.
1	1	WALL MOUNTED DATA OUTLET (18" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT(S) TO ABOVE CORRIDOR CEILING PER DIV 26. JACKS, FACEPLATE AND CABLING PER DIV 27. SUBSCRIPT "X" DESIGNATES QUANTITY OF DATA CABLES. REFER TO FACEPLATE DETAILS.
1	1	WALL MOUNTED VOICEDATA OUTLET (18" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT(S) TO ABOVE CORRIDOR CEILING PER DIV 26. JACKS, FACEPLATE AND CABLING PER DIV 27. SUBSCRIPT "X" INDICATES QUANTITY OF DATA/VOICE CABLES. REFER TO FACEPLATE DETAILS.
1	1	WALL MOUNTED PHONE OUTLET (46" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. JACKS, FACEPLATE AND CABLING PER DIV 27. SUBSCRIPT "W" INDICATES WALL PHONE MOUNTING PLATE. REFER TO FACEPLATE DETAILS.
1	1	WALL MOUNTED WIRELESS ACCESS POINT (96" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT TO ABOVE ACCESSIBLE CEILING PER DIV 26. WAP AND CABLING PER DIV 27.
1	1	WALL MOUNTED AV OUTLET (18" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUITS TO ABOVE ACCESSIBLE CEILING PER DIV 26. REFER TO FACEPLATE DETAILS. JACKS, FACEPLATE AND CABLING PER DIV 27. SUBSCRIPT "X" INDICATES ALTERNATE CONFIGURATION.
1	1	TELECOM BOX AND CONDUIT PER DIV 26. REFER TO PLANS.
1	1	WALL MOUNTED AV OUTLET (84" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT PER DIV 26. REFER TO FACEPLATE DETAILS. JACKS, FACEPLATE AND CABLING PER DIV 27. SUBSCRIPT "X" INDICATES ALTERNATE CONFIGURATION.
1	1	WALL MOUNTED AV OUTLET (44" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT PER DIV 26. REFER TO FACEPLATE DETAILS. JACKS, FACEPLATE AND CABLING PER DIV 27. SUBSCRIPT "X" INDICATES ALTERNATE CONFIGURATION.
1	1	CUSTOM OUTLET IN SURFACE RACEWAY. SURFACE RACEWAY PER DIV 26. OUTLET JACKS, FACEPLATE AND CABLING PER DIV 27.
1	1	FLOOR BOX PER DIV 26. # INDICATES TYPE. REFER TO FLOOR BOX (FB) SCHEDULE. SUBSCRIPT "X" INDICATES TECHNOLOGY DEVICES). REFER TO TECHNOLOGY DETAILS.
1	1	POKE-THRU PER DIV 26. # INDICATES TYPE. REFER TO POKE-THRU (PT) SCHEDULE. SUBSCRIPT "X" INDICATES TECHNOLOGY DEVICES). REFER TO TECHNOLOGY DETAILS.

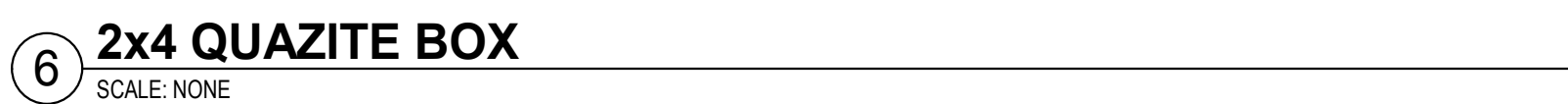
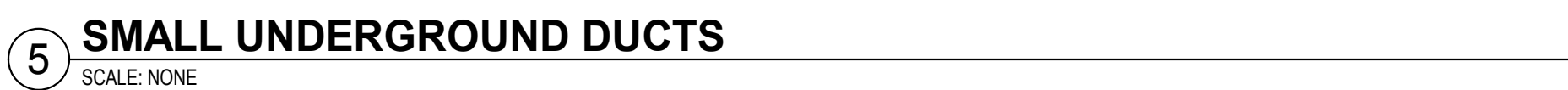
LUMINAIRE SYMBOLS

1	1	LIGHTING FIXTURE. CAPITAL LETTER DENOTES FIXTURE TYPE, LOWER CASE LETTER DENOTES SWITCHING ARRANGEMENT.
1	1	LIGHTING FIXTURE ON NIGHT LIGHT OR EMERGENCY CIRCUIT.
1	1	EXT LIGHTING FIXTURE, ARROWS AS INDICATED.

ELECTRICAL SHEET LIST SITE	
SHEET NUMBER	SHEET NAME
ES001	LEGEND & INDEX
ES002	DETAILS & GENERAL NOTES
ES003	SITE PLAN PHOTO-METRIC
ES100	ELECTRICAL SITE PLAN

ABBREVIATIONS

AAP	- AREA ALARM PANEL - MEDICAL GAS	HC	- HVAC CONTRACTOR (DIVISION 23)
ACC	- ACCESS	HP	- HORSE POWER OR HIGH POINT
ADJ	- ADJUSTABLE	HVAC	- HEATING, VENTILATING, AND AIR CONDITIONING
AFI	- ARC FAULT CIRCUIT INTERRUPTER	ID	- INSIDE DIAMETER
AFI	- ARC FAULT CIRCUIT INTERRUPTER	I	- INCHES
AF	- ABOVE FINISHED FLOOR TO BOTTOM OF ITEM	KEC	- KITCHEN EQUIPMENT CONTRACTOR
ALT	- ALTERNATE	L	- LENGTH
AP	- ACCESS PANEL	LBS	- POUNDS
APPROX	- APPROXIMATE	MAX	- MAXIMUM
ARCH	- ARCHITECT OR ARCHITECTURAL	MEZZ	- MEZZANINE
ASBY	- ASSEMBLY	MFR	- MANUFACTURER
AT	- AUTOMATIC TRANSFER SWITCH	MH	- MANHOLE OR MOUNTING HEIGHT TO CENTER LINE OF ITEM
B	- BUILDING	MM	- MINIMUM OR MINUTE
BOE	- BOTTOM OF EQUIPMENT	MISC	- MISCELLANEOUS
BOT	- BOTTOM	MTD	- MOUNTED
BTWN	- BETWEEN	MTS	- MOUNTING
CFI	- CONTRACTOR FURNISHED CONTRACTOR INSTALLED	N	- NOT IN CONTRACT
CKT	- CIRCUIT	NOM	- NOMINAL
CN	- CEILING	NTS	- NOT TO SCALE
CN	- CONCRETE MASONRY UNIT	OC	- OUTSIDE DIAMETER
COG	- CONNECT OR CONNECTION	OFI	- OWNER FURNISHED CONTRACTOR INSTALLED
CON	- CONTRACTOR	OFI	- OWNER FURNISHED OWNER INSTALLED
CORR	- CORRIDOR	PC	- PLUMBING CONTRACTOR (DIVISION 22)
CTR	- CENTER	PLBG	- PLUMBING
D	- DEPTH	RAD	- RADIUS
DET	- DETAIL	REC	- RECESSED
DI	- DIAMETER	REQD	- REQUIRED
DN	- DOWN	RFGH	- ROUGH-IN
DW	- DRAWING	S	- SURFACE MOUNTED
EA	- EACH	SC	- SECURITY CONTRACTOR
EC	- ELECTRICAL CONTRACTOR (DIVISION 26)	SCH	- SCHEDULE
EXP	- EXPANSION JOINT	SH	- SHEET
ELEV	- ELEVATION	SM	- SECURITY MANAGEMENT SYSTEM
EM	- EMERGENCY	SS	- SPECIFICATIONS
EQ	- EQUAL	SS	- SQUARE
EQS	- EQUIPMENT SUPPLIER	SS	- STAINLESS STEEL
EQUIP	- EQUIPMENT	STD	- STANDARD
EXP	- EXISTING TO BE RELOCATED	STRUC	- STRUCTURAL OR STRUCTURE
EX	- EXISTING TO REMAIN	STUC	- SITE UTILITY CONTRACTOR
EXP	- EXPANSION	TC	- TECHNOLOGY CONTRACTOR
EXT	- EXTERIOR	TEMP	- TEMPERATURE
FCE	- FIRE CONTROL EQUIPMENT	TOP	- TOP OF EQUIPMENT
FE	- FINISHED FLOOR ELEVATION	TYP	- TYPICAL
FIR	- FIRE	UNO	- UN



- APPROVED PREFABRICATED DUCT RUNS ARE ACCEPTABLE.
PLACE PREFABRICATED DUCT BANKS ON 2" GRAVEL OR SAND

ARCHITECTURAL DRAWINGS AND/OR DEVICE MOUNTING ON/IN ACOUSTICAL WALLS TO BE COORDINATED WITH ARCHITECT.

DETAILS &
GENERAL NOTES

ES002

**MINIMUM 2 WORK
DAYS BEFORE YOU DIG**

UTILITIES PROTECTION SERVICE

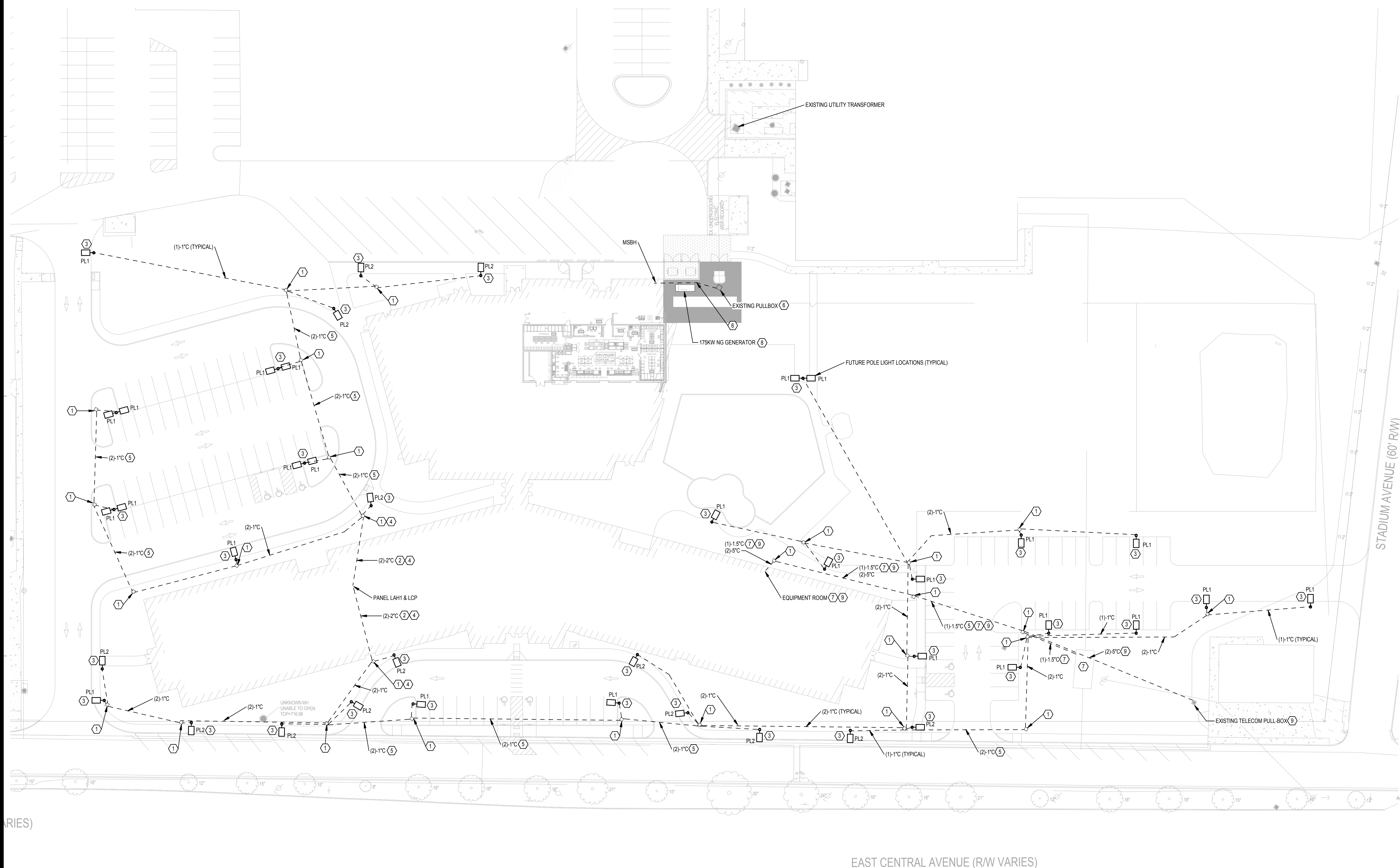


PLAN NOTES

1. FLUSH GRADE PULLBOX ENCLOSED WITH GREEN CONCRETE COVER WITH APPROPRIATE LOGO PER DETAILS 2&3. ON SHEET E5002. PULLBOX SHALL HAVE APPROPRIATE VOLTAGE BARRIERS FOR WIRING OF DIFFERENT VOLTAGES AND LABELS ON WIRING TO INDICATE BARRIERS CIRCUITS.
2. PROVIDE (2) - 2" CONDUITS WITH PULLSTRING FOR LIGHTING CIRCUITS. CLOSELY COORDINATE FINAL ROUTING OF THESE CONDUITS WITH FOUNDATION FOOTINGS TO AVOID ANY CONFLICT WITH OTHER TRASSES PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY.
3. PROVIDE 2X6, 27PI-1/4" LIGHTING CORD WITH 2-#6, +#6 GROUND IN COMMON 1" CONDUIT TO PULLBOX AS LIGHTING PULL FOR 120V AND 240V FROM LIGHT FIXTURE POLE TO PULLBOX AS PROVIDED. PROVIDE (1) 1" CP SPARE WITH PULLSTRING BETWEEN PULLBOXES. WIRING SHALL BE PROVIDED UNDER PAVING PACKAGE.
4. FLUSH GRADE PULLBOX PER NOTE 1 THIS SHEET. PULLBOX CONTAINS ALL EXTERIOR LIGHTING CONDUITS. EXTEND 2"2" FROM THIS PULLBOX TO ELECTRIC ROOM TO SERVE EXTERIOR LIGHTING.
5. ALL CONDUITS INSTALLED UNDER DRIVEWAYS AND PARKING AREAS WHERE AUTOMOBILE TRAFFIC PASSES THROUGH SHALL BE CONCRETE ENCASED.
6. EXISTING UTILITY PULLBOX. E.C. SHALL PROVIDE NEW (8") CP WITH PULLSTRINGS AS INDICATED ON SHEET E5001. COORDINATE WITH 120V AND 240V METER AND END OF RUN WITH P.C. PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY. LOCATIONS AND ROUTING WITH CADD DRAWINGS PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY. NEW CONDUITS SHALL NOT BE ROUTED UNDERNEATH GENERATOR OR OTHER OUTDOOR EQUIPMENT.
7. PROVIDE 1.5" CP WITH PULLSTRING FROM GAS METER TO METER AND END OF RUN WITH P.C. PRIOR TO ROUGH-IN AND COORDINATE WITH 120V AND 240V METER AND END OF RUN WITH P.C. PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY. LABEL EACH END OF PULLSTRING AS "GAS METER".
8. APPROXIMATE LOCATION OF NEW 175KW NATURAL GAS PAD MOUNTED GENERATOR. E.C. SHALL PROVIDE GENERATOR AND PAD PER MANUFACTURER REQUIREMENTS. VERIFY EXACT LOCATION WITH ARCHITECT AND FAD PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY. E.C. SHALL PROVIDE (1) 1.5" CP WITH PULLSTRING (1) 1.5" CP WITH PULLSTRING FROM GENERATOR TO ATS-OS IN MAIN ELECTRIC ROOM. E.C. SHALL PROVIDE (1) 2.5" CP WITH PULLSTRING AND (1) 2" CP WITH PULLSTRING FROM GENERATOR TO MTS-OM ON EXTERIOR OF MAIN ELECTRIC ROOM. HIRE WITH PULLSTRING FOR BUILDING TO MTS-OM ON EXTERIOR OF MAIN ELECTRIC ROOM. PROVIDE 10' CLEAR AROUND GENERATOR. PROVIDER TO DETAIL & ON SHEET E5002 FOR MORE INFORMATION.
9. PROVIDE (2) 5" CP WITH (8) 1.25" NIDDERCUTS IN EACH 5' CONDUIT FROM THE MAIN EQUIPMENT ROOM (MER) TO THE STREET FOR INCOMING SERVICE. COORDINATE EXACT CONNECTION LOCATIONS AND ROUTING WITH TELECOM PROVIDER AND CADD DRAWINGS PRIOR TO ROUGH-IN AND PROVIDE ACCORDINGLY.

GENERAL NOTES

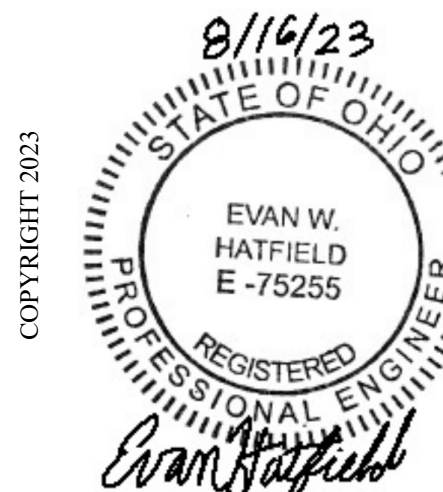
- A. ALL UNDERGROUND CONDUITS/DUCTBANKS SHALL BE SCHEDULE 40 PVC PER DETAILS (AS SPECIFIED ON PLAN) ALL STUBS AND JOINTS DEGREE ELBOWS SHALL BE RIGID GALVANIZED STEEL, DUCTILE AND DIMENSION ALL ROUTES AS SHOWN/DRAWN ACCORDINGLY. ALL EMPTY CONDUITS SHALL HAVE PULLWAYS. PULLWAYS PERFORMED BY THE CONTRACTOR SHALL BE BURIED AT 30" BELOW GRADE UNLESS OTHERWISE INDICATED. PROVIDE CONCRETE ENCASEMENT WHERE CONDUITS RUN BELOW PAVED SURFACES OR WHERE TRAFFIC PASSES OVER TOP. ALL PRIMARY CONDUITS SHALL BE CONCRETE ENCASED.
- B. ALL UNDERGROUND CONDUITS AND DUCTBANKS SHALL BE DIRECT BURIED UNLESS INDICATED OTHERWISE. ALL PRIMARY AND SECONDARY CONDUITS SHALL BE DIRECT BURIED UNLESS OTHERWISE INDICATED. ALL CONDUITS SHALL BE BURIED UNDER DRIVEWAYS AND PARKING AREAS WHERE AUTOMOBILE TRAFFIC PASSES THROUGH SHALL BE CONCRETE ENCASED. ALL CONDUIT SHALL BE 7" MINIMUM UNLESS INDICATED OTHERWISE. E.C. SHALL CHARGE COMPANY FREQUENTLY WHEREVER FEASIBLE.
- C. THE CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITIES, MISCELLANEOUS UTILITIES, AND PIPING PRIOR TO ANY DIGGING. ANY DAMAGE TO ABOVE MENTIONED ITEMS SHALL BE HIS RESPONSIBILITY TO REPAIR.
- D. E.C. IS RESPONSIBLE FOR ALL CUTTING, PATCHING, AND RESURFACING OF ANY/all HARD SURFACES DISTURBED TO FACILITATE THE WORK.
- E. ALL PRIMARY CONDUITS, LOAD BANK ELBOWS, TERMINATIONS AT RISER POLE, METERING CABINET TRANSFORMERS, AND JUNCTION BOXES SHALL BE PROVIDED BY POWER CO. ALL WORK SHALL BE COORDINATED WITH EXISTING CONDITIONS, OWNER AND POWER CO. PRIOR TO ROUGH-IN. REFER TO SPEC SECTION 26 01 25 FOR FURTHER INFORMATION.
- F. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL GOVERNING CODES/STANDARDS AND THE NEC FOR A COMPLETE AND OPERATIONAL INSTALLATION.
- G. ALL EXTERIOR MOUNTED CONDUIT SHALL BE SEALED WATER AND MOISTURE TIGHT. ALL EXTERIOR MOUNTED DEVICES SHALL BE WEATHER-PROOF. NEUA OR UNLESS OTHERWISE NOTED.
- H. THIS CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND PERMISSIONS FROM THE A/HJ PRIOR TO THE EXISTING CONDITIONS AND OPERATIONAL INFORMATION.
- I. COORDINATE ALL WORK WITH LOCAL POWER COMPANY. VERIFY EXISTING CONDITIONS AND EXACT REQUIREMENTS/LOCATIONS FOR ALL NEW WORK.
- J. ALL EXPOSED CONDUIT ABOVE GRADE SHALL BE RIGID GALVANIZED METALIC WITH ALL STEEL FITTINGS, PIPED TO MATCH SURFACES ON WHICH THEY ARE MOUNTED.
- K. ELECTRICAL SITE PLAN IS SCHEMATIC IN NATURE. SEE CIVL DRAWINGS FOR EXACT LOCATIONS OF UNDERGROUND CONDUITS/TERMINALS/ELECTRIC/ETC.



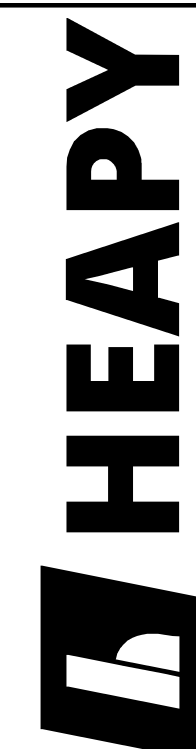
NUE (R/W VARIES)

④ ELECTRICAL SITE PLAN

SCALE: 1" = 30'-0"

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CONSULTANTS



TEL: 937-224-0861 www.healthy.com
PROJECT NO. 2022-07250.00

**West Carrollton City
Schools**

510 E. PEASE AVE.



PROJECT NO:
223455.00

CHECKED BY:
EWH

DRAWN BY:
MPH

DATE:
08.18.2023

LEVIN PORTER
ARCHITECTS

3011 NEWMARK DRIVE
MIAMI, FL 33133
F: 305.351.1111
www.levin-porter.com

ELECTRICAL SITE
PLAN

ES100



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