

The Plains Intermediate School Renovations & Addition

90 Connett Road
The Plains, Ohio 45780



Athens City School District

21 Birge Dr.
Chauncey, Ohio 45719

PREPARED FOR:

OHIO FACILITIES CONSTRUCTION
COMMISSION

30 West Spring Street,
Columbus, Ohio 43215

Mike DeWine, Governor
Cheryl J. Lyman,
Executive Director



90% CONSTRUCTION DOCUMENT 02-23-2021

CONSULTANTS

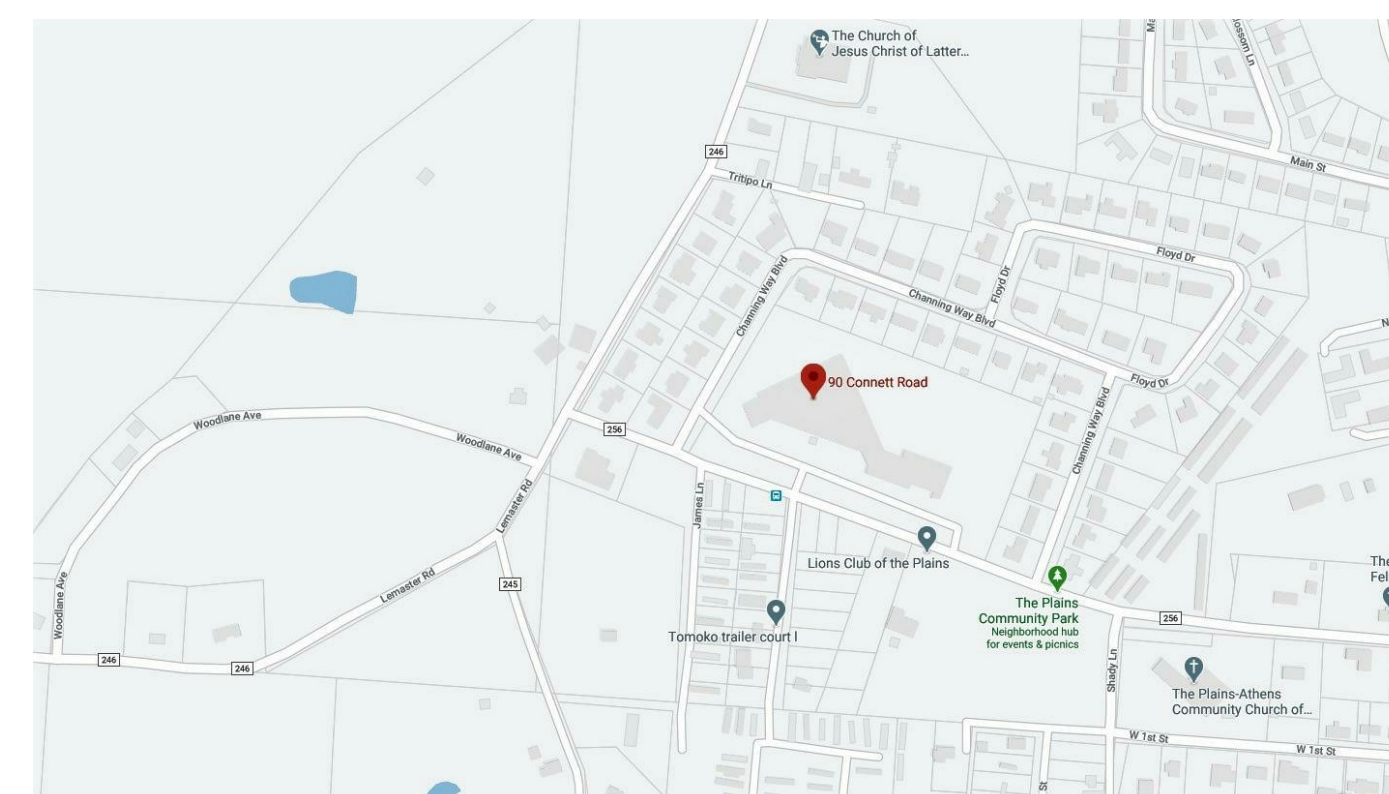
CIVIL ENGINEER:
SANDS-DECKER CPS, LLC
1495 OLD HENDERSON ROAD
COLUMBUS, OHIO 43220



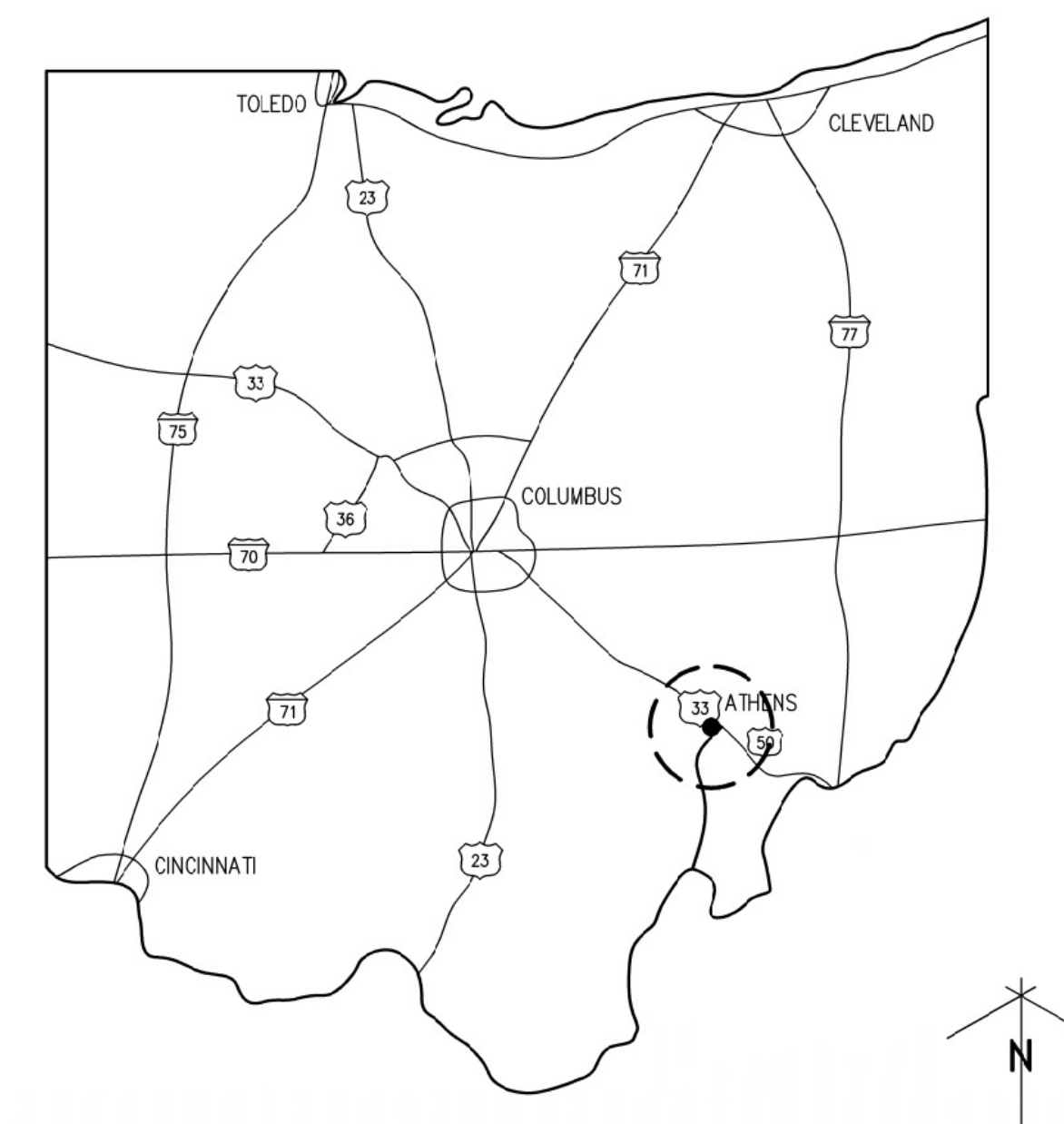
FOOD SERVICE DESIGNER:
REITANO DESIGN GROUP
748 EAST BATES STREET, SUITE 200
INDIANAPOLIS, INDIANA 46202



STRUCTURAL ENGINEER:
SMBH, INC.
1166 DUBLIN ROAD, SUITE 200
COLUMBUS, OHIO 43215



THE PLAINS
LOCATION MAP
N.T.S.

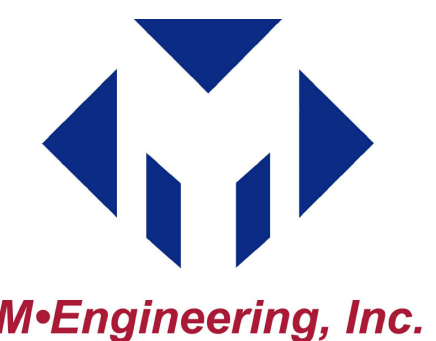


VICINITY MAP
N.T.S.

MECHANICAL / ELECTRICAL ENGINEER:
ROGER D. FIELDS & ASSOCIATES
4588 KENNY ROAD
COLUMBUS, OHIO 43220-2777

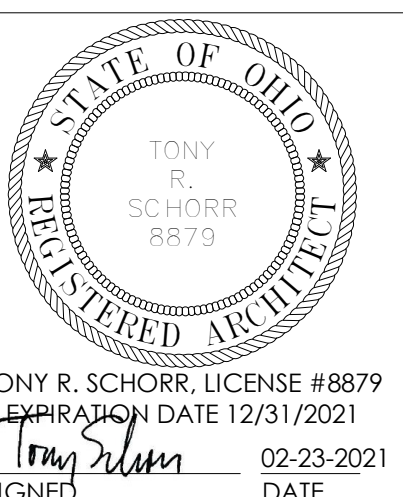


TECHNOLOGY ENGINEER:
M-ENGINEERING
750 BROOKSEGE BLVD.
WESTERVILLE, OHIO 43081



VIEW OF ADDITION

ARCHITECT:
SCHORR ARCHITECTS, INC.
230 BRADENTON AVE.
DUBLIN, OH 43017
OFFICE: (614) 798-2096



ASSOCIATE ARCHITECT/ INTERIOR DESIGNER:
COMMUNITY DESIGN ALLIANCE
236 HIGH ST.
HAMILTON, OHIO 45011
OFFICE: (513) 275 1740



OWNER'S AGENT:
RUSCILLI CONSTRUCTION CO., INC.
5000 ARLINGTON CENTRE BLVD., Suite 300
COLUMBUS, OH 43220
OFFICE: (614) 876-9484 FAX: (614) 876-0253



APPROVED PLANS: THE CIVIL/ SITE DRAWINGS PREPARED BY SANDS DECKER FOR THIS PROJECT ARE NOT FOR CONSTRUCTION UNLESS THEY ARE APPROVED BY THE ENGINEER. APPROVALS HAVE BEEN SECURED AND THE DRAWINGS ARE ISSUED FOR CONSTRUCTION. LAYOUT, FABRICATION OF MATERIALS, CONSTRUCTION, OR ANY CONSTRUCTION-RELATED ACTIVITIES ASSOCIATED WITH THESE DRAWINGS IS NOT TO PROCEED UNLESS EACH SHEET INCLUDES THE ISSUED FOR CONSTRUCTION LABEL.

GENERAL: THE CURRENT STATE OF OHIO, DEPARTMENT OF TRANSPORTATION CONSTRUCTION & MATERIAL SPECIFICATIONS (ODOTCMS) TOGETHER WITH THE REQUIREMENTS OF THE PLANS, INCLUDING THE APPROPRIATE APPROVALS, SHALL BE THE BASIS OF THE CONTRACT. CONTRACTOR SHALL GOVERN ALL MATERIALS & WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN ON THESE PLANS. WHEN THERE IS OR APPEARS TO BE A CONFLICT BETWEEN THE ABOVE REFERENCED SPECIFICATIONS & THESE PLANS, THE MOST STRINGENT REQUIREMENT SHALL GOVERN. UNLESS OTHERWISE SPECIFIED, ALL ITEM NUMBERS REFER TO ODOTCMS.

PROJECT LIMITS: THE CONTRACTOR SHALL CONFINE HIS ACTIVITIES TO THE PROJECT SITE UNDER DEVELOPMENT. THE EXISTING RIGHTS-OF-WAY CONSTRUCTION EASEMENTS & PERMANENT EASEMENTS, & SHALL NOT TRESPASS UPON PRIVATE PROPERTY WITHOUT WRITTEN CONSENT OF THE PROPERTY OWNER.

MISCELLANEOUS WORK: ALL ITEMS OF WORK CALLED FOR ON THE PLANS FOR WHICH NO SPECIFIC METHOD OF PAYMENT IS PROVIDED SHALL BE PERFORMED BY THE CONTRACTOR & THE COST OF SAME SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS RELATED ITEMS.

PERMITS: THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS UNLESS OTHERWISE INDICATED IN THESE DOCUMENTS.

TRAFFIC CONTROL: THE CONTRACTOR SHALL USE ADEQUATE LIGHTS, SIGNS, FLAGGERS, & BARRICADES AS REQUIRED IN ITEM 614 TO SAFEGUARD THE TRAVELING PUBLIC AT ALL TIMES. ALL TRENCHES SHALL BE BACKFILLED & GRADES REPAIRED DURING NON-WORKING HOURS. WHERE IT IS ANTICIPATED THAT WORK WILL CLOSE A ROAD OR STREET, THE CONTRACTOR SHALL INFORM THE RESIDENTS TO BE AFFECTED. THE LOCAL LAW ENFORCEMENT, THE LOCAL POLICE DEPARTMENT, & THE ENGINEER AS TO THE EXTENT, NATURE, & TIME OF THE ANTICIPATED WORK. THE CONTRACTOR SHALL SUBMIT A PLAN & SCHEDULE FOR DETOURING TRAFFIC 10 DAYS PRIOR TO THE CLOSING OF ANY ROAD OR STREET TO THE ENGINEER & ROAD OWNER. DURING A CLOSING OF A ROAD OR STREET, THE CONTRACTOR SHALL PROVIDE ACCESS TO PROPERTIES FOR DRIVERS OF PASSENGER VEHICLES & PROPERTY OWNERS. NO ROAD OR STREET SHALL BE CLOSED UNTIL THE SCHEDULE IS APPROVED BY THE AGENCY HAVING CONTROL OF THE ROAD.

SAFETY OF CONSTRUCTION: THE CONTRACTOR SHALL COMPLY WITH THE FEDERAL OCCUPATIONAL SAFETY & HEALTH ACT OF 1970 (OSHA) & ALL OTHER APPLICABLE FEDERAL, STATE, & LOCAL LAWS, REGULATIONS, ORDINANCES, & CODES RELATING TO SAFETY & HEALTH CONDITIONS ON THE WORK SITE. CONSTRUCTION METHODS FOR COMPLETING THE WORK DESCRIBED IN THESE CONTRACT DOCUMENTS SHALL BE CONSISTENT WITH THE OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA) AMENDED CONSTRUCTION STANDARDS FOR EXCAVATIONS, 29 CFR PART 1926, SUB-PART P, EFFECTIVE MARCH 5, 1990.

EROSION & SEDIMENT CONTROL: PROJECTS DISTURBING LESS THAN ONE ACRE & NOT PART OF A LARGER COMMON PLAN OF DEVELOPMENT SHALL BE REQUIRED TO SUBMIT A NOTICE OF INTENT (NOI) TO THE OHIO EPA FOR COVERAGE UNDER THEIR GENERAL CONSTRUCTION STORM WATER PERMIT & ARE NOT REQUIRED TO MAINTAIN A STORM WATER POLLUTION PREVENTION PLAN (SWPP3) ON SITE. THE CONTRACTOR SHALL, HOWEVER, INSTALL & MAINTAIN SILT FENCES, CHECKS, TEMPORARY SEEDING, & OTHER MEASURES AS NECESSARY TO CONTROL SOIL EROSION & PREVENT SEDIMENT-LADEN RUN-OFF FROM EXITING THE SITE OR ENTERING STORM SEWER SYSTEMS OR DRAINAGEWAYS.

BORROW MATERIAL & SURPLUS EXCAVATION: THE SITE SHALL BE CONSTRUCTED TO THE FINAL GRADES SHOWN ON THE PLANS. WHERE NECESSARY, THE CONTRACTOR SHALL OBTAIN SUITABLE BORROW MATERIAL ON-SITE OR OFF-SITE AS NEEDED TO COMPLETE THE SITE CONSTRUCTION AS DESCRIBED HEREIN. BORROW MATERIAL SHALL BE HAUL & DISPOSED OF ALL SURPLUS EXCAVATION ON SITE &, IF NECESSARY, SHALL HAUL SURPLUS EXCAVATED MATERIAL AWAY FROM THE SITE & DISPOSE OF PROPERLY.

EXISTING UTILITIES: THE INFORMATION SHOWN CONCERNING EXISTING UTILITIES IS APPROXIMATE. THE LOCATION, SIZES, & OTHER INFORMATION SHOWN IS ONLY AS ACCURATE AS THAT PROVIDED BY THE OWNERS OF THE UTILITY. THIS INFORMATION IS NOT REPRESENTED, WARRANTED OR GUARANTEED TO BE COMPLETE OR ACCURATE. THE ENGINEER DOES NOT INDEPENDENTLY VERIFY NOR FIELD LOCATE UTILITIES. THE CONTRACTOR IS RESPONSIBLE TO PHYSICALLY LOCATE & VERIFY, IN THE FIELD, THE HORIZONTAL & VERTICAL LOCATIONS OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT PRIOR TO THE BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL SUPPORT, PROTECT & RESTORE ALL EXISTING UTILITIES & THEIR ASSOCIATED ITEMS. THE CONTRACTOR SHALL ADHERE TO ALL APPLICABLE SECTIONS OF THE OHIO REVISED CODE INCLUDING SECTIONS 153.564 & 3781.26. THE CONTRACTOR SHALL NOTIFY THE REGISTERED UTILITY PROTECTION SERVICE & ALL UTILITY OWNERS HAVING FACILITIES IN THE CONSTRUCTION AREA WHO ARE NOT MEMBERS OF A REGISTERED UNDERGROUND UTILITY PROTECTION SERVICE. THE CONTRACTOR SHALL GIVE NOTIFICATION AS REQUIRED BY OHIO REVISED CODE, AT LEAST TWO (2) & NOT MORE THAN TEN (10) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS, EXCLUDING SATURDAYS, SUNDAYS, & LEGAL HOLIDAYS, & SHALL COORDINATE HIS WORK WITH THE UTILITY OWNERS UNTIL HIS WORK IS COMPLETED. THE CONTRACTOR SHALL KEEP THE UTILITY OWNERS APPRISED OF HIS SCHEDULE & REQUIREMENTS & SHALL PROVIDE THE PROJECT OWNER WITH EVIDENCE OF HAVING NOTIFIED THE UTILITIES & PROVIDED THEM WITH HIS WORK SCHEDULE PRIOR TO BEGINNING ANY WORK.

THE CONTRACTOR MAY REVIEW THE INFORMATION PROVIDED TO THE ENGINEER BY THE UTILITY OWNERS AT THE ENGINEER'S OFFICE PRIOR TO SUBMITTING A BID. CONTRACTORS REQUIRING MORE INFORMATION REGARDING EXISTING UTILITIES SHOULD CONDUCT THEIR OWN FIELD INVESTIGATIONS OR OTHERWISE LOCATE THE UTILITIES PRIOR TO SUBMITTING A BID FOR THE CONSTRUCTION. SEE EXISTING SITE SURVEY FOR A LISTING OF UTILITIES THAT MAY HAVE UNDERGROUND FACILITIES IN THE PROJECT AREA.

DRAINAGE TILE: ALL FARM DRAINS, ROADWAY DRAINS, & OTHER DRAINAGE TILE WHICH ARE ENCOUNTERED WITHIN THE CONSTRUCTION LIMITS DURING CONSTRUCTION SHALL BE PROVIDED WITH AN UNOBSTRUCTED OUTLET. EXISTING COLLECTOR TILES WHICH ARE LOCATED BELOW THE PROPOSED FINISHED ELEVATION & WHICH CROSS THE TRENCH SHALL BE REPLACED WITHIN THE TRENCH LIMITS BY ITEM B11 CONDUIT. THE LOCATION, TYPE, SIZE, & GRADE OF THE REQUIRED REPLACEMENT SHALL BE DETERMINED BY THE PROJECT ENGINEER OR HIS SITE REPRESENTATIVE DURING CONSTRUCTION. NECESSARY BENDS OR FITTINGS, COMPACTED GRANULAR BACKFILL, & ASSOCIATED ITEMS SHALL BE INCLUDED IN THE BID PRICE.

TEMPORARY PAVEMENT: TEMPORARY PAVEMENT REPLACEMENT SHALL BE PROVIDED ON PERMANENT PAVEMENT DAMAGED OR REMOVED BY THE CONTRACTOR IN THE PERFORMANCE OF THE WORK AS SOON AS THE TRENCH HAS BEEN BACKFILLED. TEMPORARY PAVEMENT SHALL BE INSTALLED. THE ENGINEER MAY REQUIRE THAT ALL MATERIALS & EQUIPMENT INCIDENTAL TO PROVIDING THE TEMPORARY PAVEMENT BE ON THE JOB SITE PRIOR TO REMOVING THE EXISTING PAVEMENT. TEMPORARY PAVEMENT SHALL CONSIST OF 2" OF BITUMINOUS COLD MIX PLACED UPON 6" OF COMPACTED ITEM 304, AGGREGATE BASE. TEMPORARY PAVEMENT SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL PERMANENT PAVEMENT IS INSTALLED.

PERMANENT PAVEMENT: WHERE DAMAGED OR REMOVED, THE PAVEMENT SHALL BE REPLACED BY FIRST REMOVING TEMPORARY PAVEMENT DOWN TO CLEAN GRANULAR MATERIAL & REMOVING EXISTING PAVEMENT FOR AT LEAST 12" BEYOND THE TRENCH LIMITS ON EACH SIDE. PAVEMENT TO BE REMOVED SHALL BE NEATLY SAWED NOT MORE THAN 72 HOURS PRIOR TO THE PLACING OF PERMANENT PAVEMENT MATERIALS. PERMANENT PAVEMENT REPLACEMENT MATERIALS & WORKMANSHIP SHALL BE AS SHOWN ON THE CONSTRUCTION DRAWINGS. ITEM 407, TACK COAT, SHALL BE APPLIED TO THE EXPOSED EXISTING PAVEMENT EDGES WHEN EITHER THE EXISTING OR NEW PAVEMENT IS BITUMINOUS MATERIAL. WHEN THE PERMANENT PAVEMENT IS BITUMINOUS MATERIAL, ITEM 407, TACK COAT SHALL BE APPLIED TO BITUMINOUS OR CONCRETE BASE MATERIAL PRIOR TO THE PLACING OF THE PERMANENT PAVEMENT.

NEW PAVEMENT DESIGN: A GEOTECHNICAL REPORT WITH PAVEMENT DESIGN RECOMMENDATIONS WAS NOT PROVIDED FOR THIS PROJECT. PAVEMENT DETAILS SHOWN HEREIN ARE BASED ON GENERALLY ACCEPTED ENGINEERING STANDARDS. SANDS DECKER CPS, LLC PROVIDES NO GUARANTEE AND ASSUMES NO LIABILITY FOR THE USEFUL LIFE AND/OR PERFORMANCE OF SAID DESIGN RECOMMENDATIONS.

INSTALLATION IN EMBANKMENT: WHERE UTILITIES ARE TO BE INSTALLED IN EMBANKMENT AREAS, THE EMBANKMENT SHALL BE PLACED & COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS. A MINIMUM OF 2" ABOVE THE PIPE BUT SUFFICIENTLY ABOVE THE PIPE TO PROTECT THE PIPE FROM DAMAGE DUE TO FURTHER CONSTRUCTION ACTIVITIES PRIOR TO THE INSTALLATION OF THE UTILITY.

CONFLICTS IN GRADE: IN ALL CONFLICTS IN GRADE BETWEEN THE WATER LINES OR WATER SERVICES & OTHER EXISTING UTILITIES, THE WATER LINE/SERVICE LINE SHALL BE LOWERED DURING CONSTRUCTION. A MINIMUM 18" VERTICAL & 10' HORIZONTAL CLEARANCE SHALL BE MAINTAINED BETWEEN THE WATER LINE & ANY SANITARY OR STORM SEWER. 12" MINIMUM VERTICAL CLEARANCE FOR OTHER UTILITIES. THE CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING UTILITIES AHEAD OF HIS CONSTRUCTION OPERATIONS TO ALLOW FOR ADJUSTMENTS IN GRADE TO THE WATER LINE THAT MAY BE REQUIRED AS A RESULT OF POTENTIAL CONFLICTS WITH AN EXISTING UTILITY. NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR LOWERING THE WATER LINE TO AVOID CONFLICTS WITH EXISTING UTILITIES.

EXISTING DITCHES: WHERE IT BECOMES NECESSARY TO LOCATE A MAIN LINE VALVE, FIRE HYDRANT OR MANHOLE IN AN EXISTING DITCH, THE CONTRACTOR SHALL RELOCATE THE DITCH BEHIND THE PROPOSED VALVE, HYDRANT OR MANHOLE.

MANHOLE TOPS: WHERE MANHOLES ARE LOCATED WITHIN PUBLIC OR PRIVATE PAVEMENT, SIDEWALK, CONCRETE PAD OR PAVED SHOULDER, THE TOPS SHALL BE BUILT TO EXISTING PAVEMENT ELEVATIONS. ELSEWHERE MANHOLES SHALL BE BUILT OR SUBSEQUENTLY ADJUSTED TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE MANHOLE. THE COST OF ADJUSTMENT IS TO BE INCLUDED IN THE PRICE BID FOR THE MANHOLE.

FINAL GRADING & CLEAN-UP: THE CONTRACTOR SHALL CLEAN UP ALL DEBRIS & MATERIALS RESULTING FROM HIS OPERATION & RESTORE ALL SURFACES, STRUCTURES, DITCHES, SIGNS, MALBOYES, FENCES, GUARDRAILS, OR OTHER PHYSICAL FEATURES OR PROPERTY DISTURBED OR DAMAGED DURING WORK UNDER THIS CONTRACT TO THEIR ORIGINAL CONDITION TO THE SATISFACTION OF THE ENGINEER. THE COST OF ALL SUCH WORK SHALL BE INCLUDED WITH THE VARIOUS RELATED ITEMS.

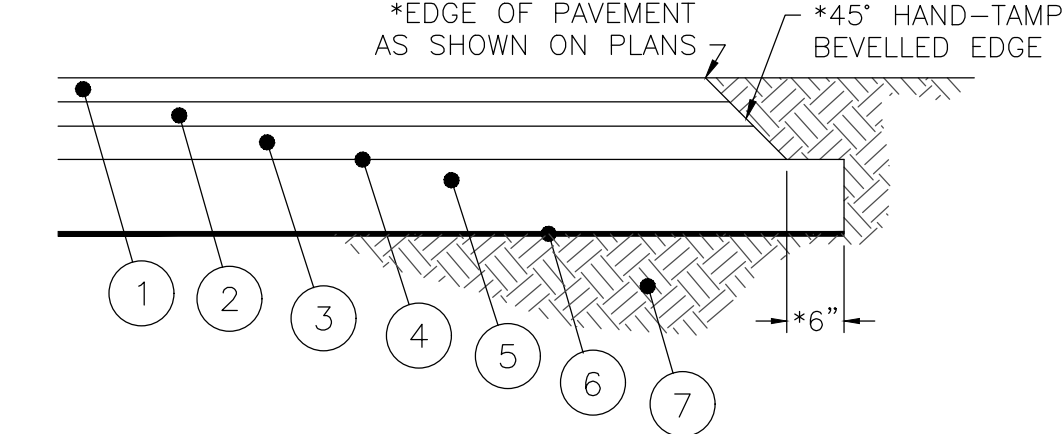
SEEDING & MULCHING: ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION & ELEVATION OR TO THE PROPOSED ELEVATIONS SHOWN ON THE DRAWINGS & PROPER DRAINAGE SHALL BE PROVIDED. AFTER FINAL GRADING, THE SEED BED SHALL BE RAKED & ALL STONES, CLOS, LUMPS, & OTHER FOREIGN MATERIAL GREATER THAN 1" IN DIAMETER SHALL BE REMOVED PRIOR TO SEEDING & MULCHING. ALL AREAS SHALL BE SEED & MULCH AS NECESSARY UNTIL AN ACCEPTABLE STAND OF GRASS IS ACHIEVED.

STORM SEWER & CULVERT CONSTRUCTION: UNLESS SHOWN OTHERWISE ON THESE PLANS, STORM SEWER & CULVERT CONSTRUCTION SHALL CONFORM TO ODOT SPECIFICATIONS. PIPE SHALL BE CORRUGATED POLYETHYLENE SMOOTH LINED PIPE, ITEM 707.33, OR REINFORCED CONCRETE CIRCULAR PIPE, ITEM 708.02.

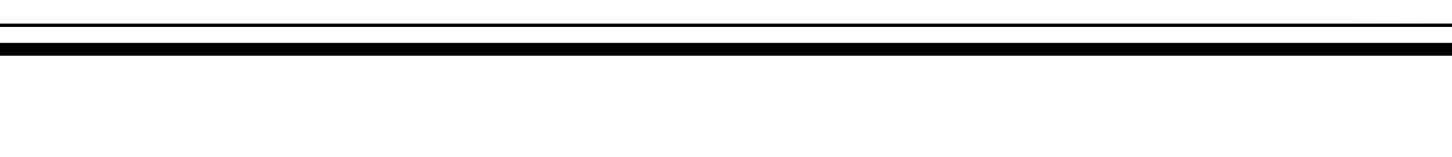
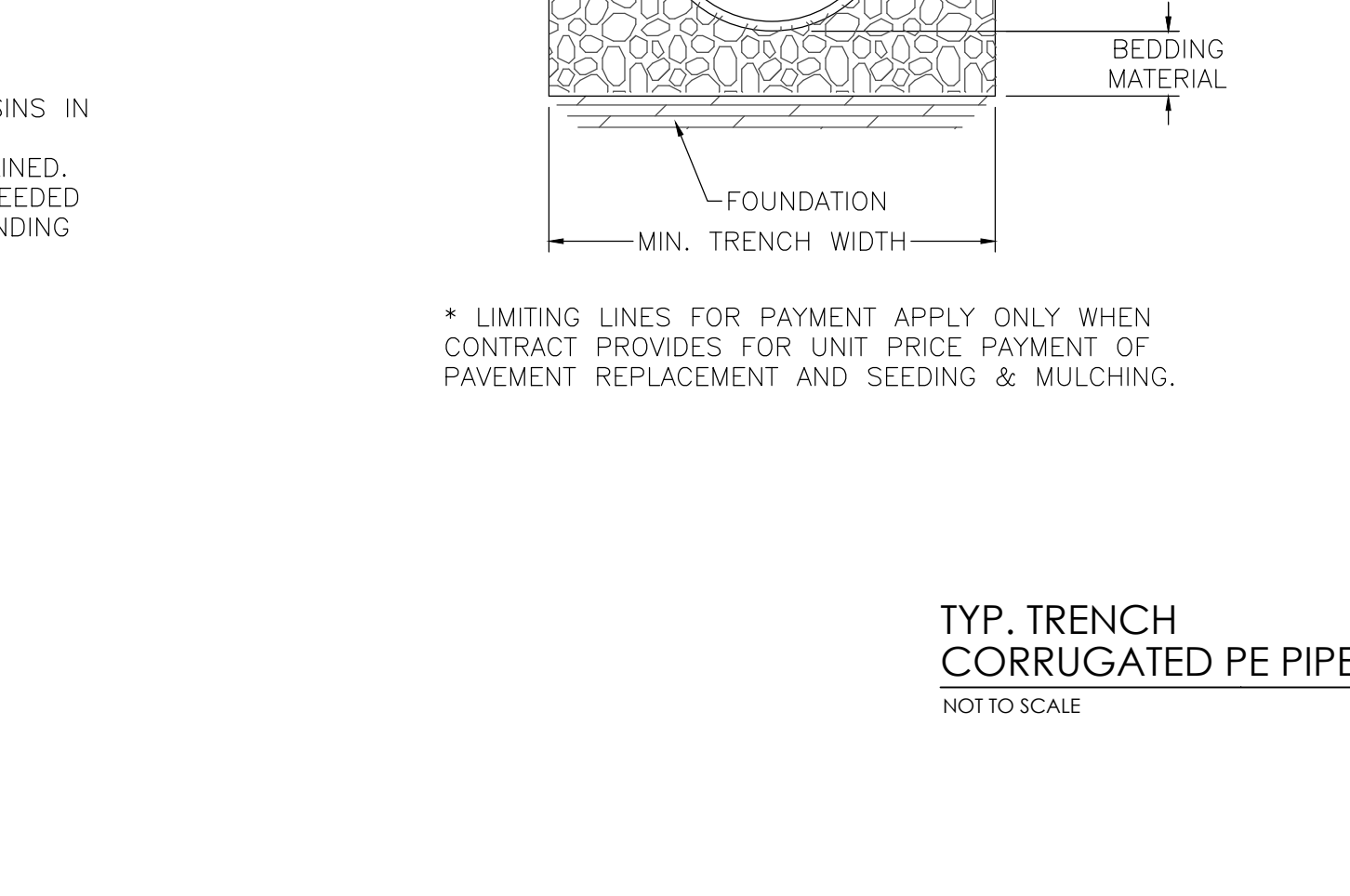
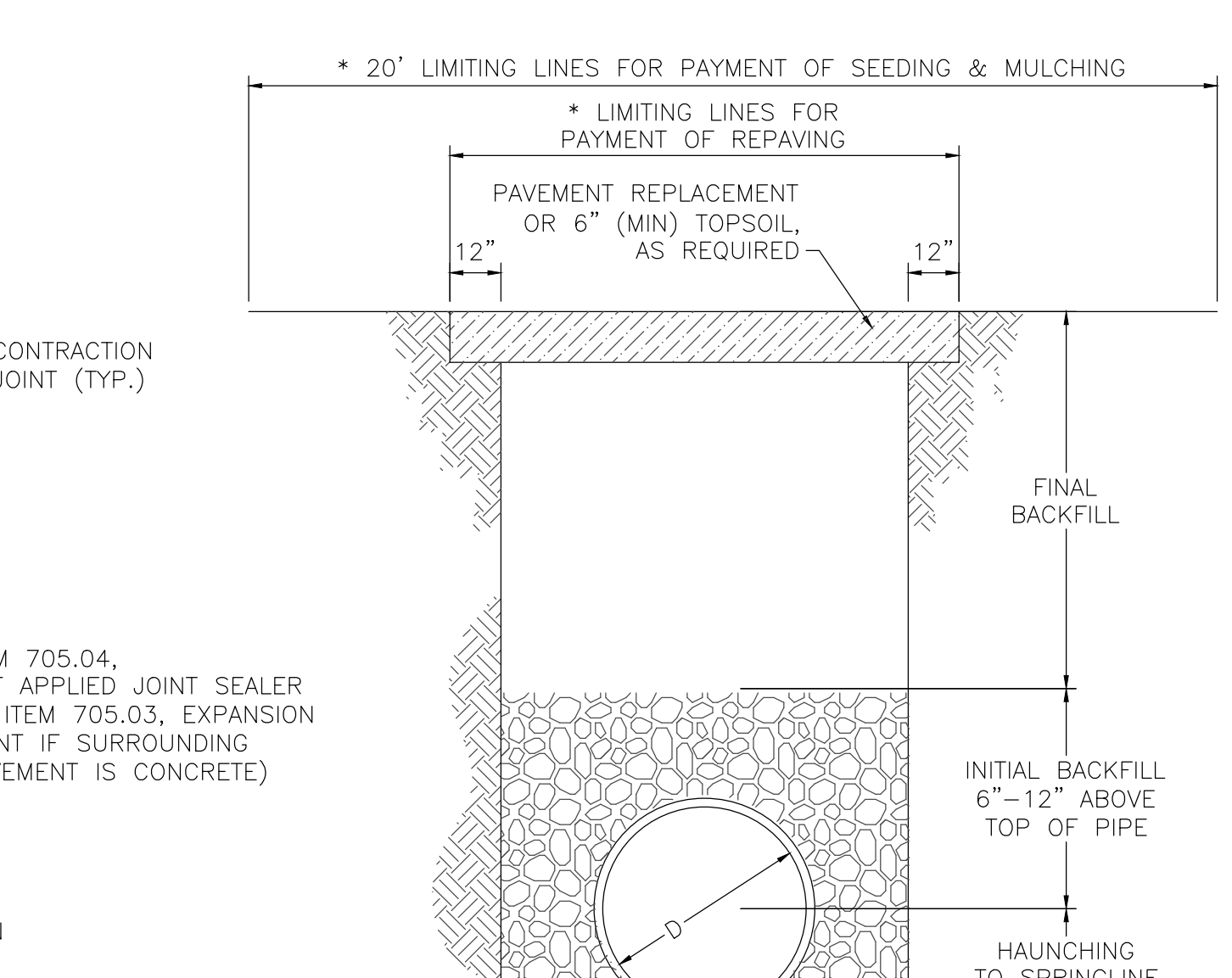
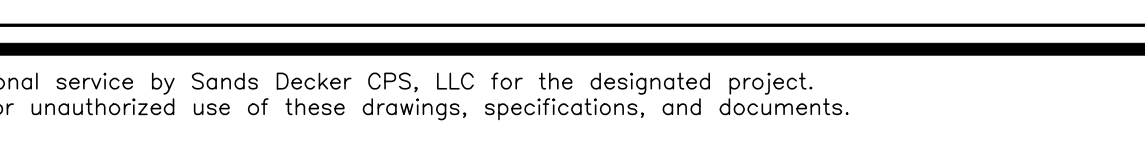
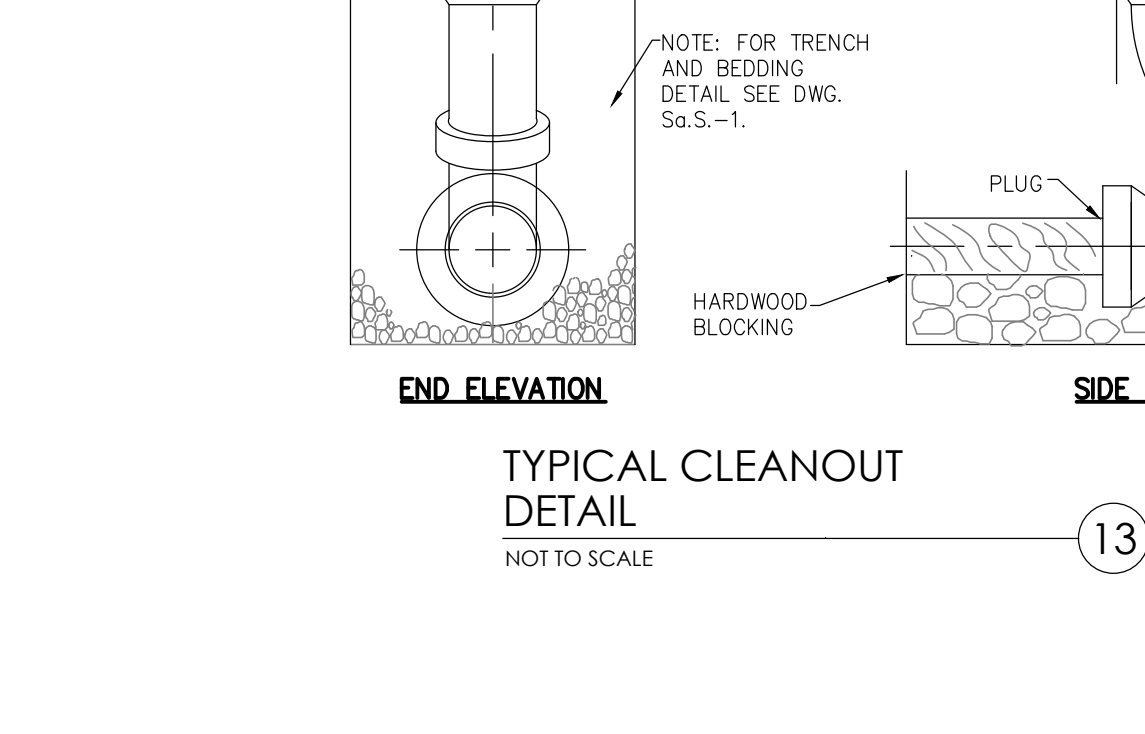
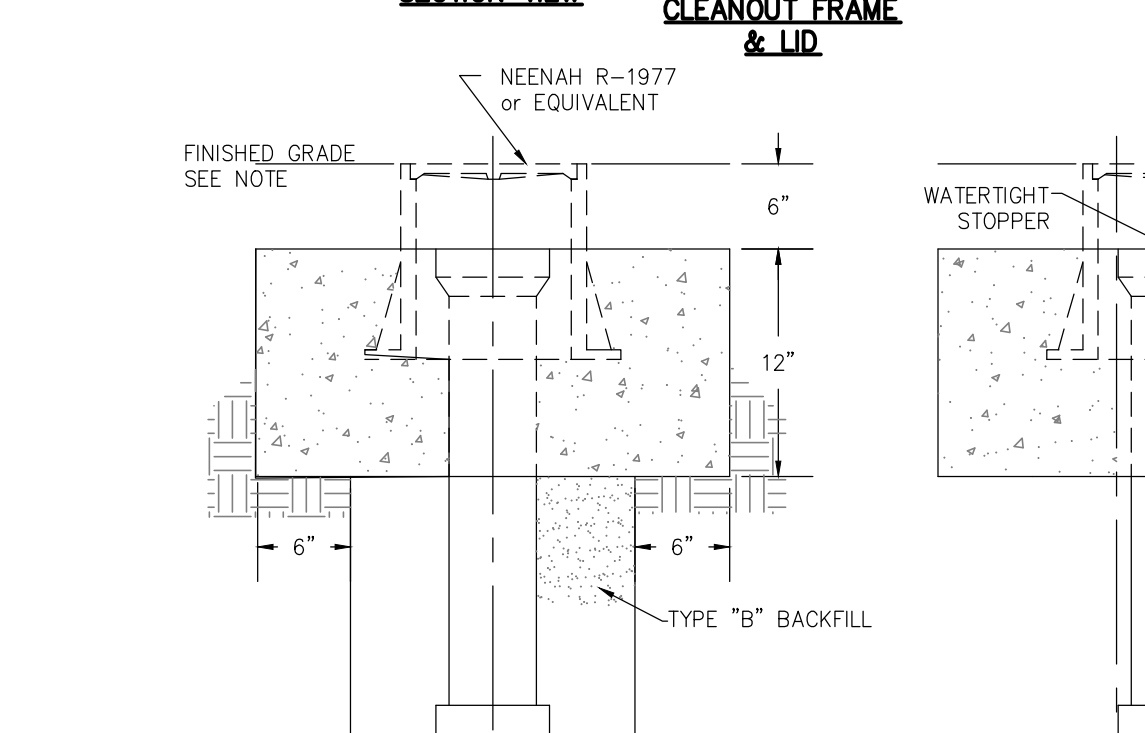
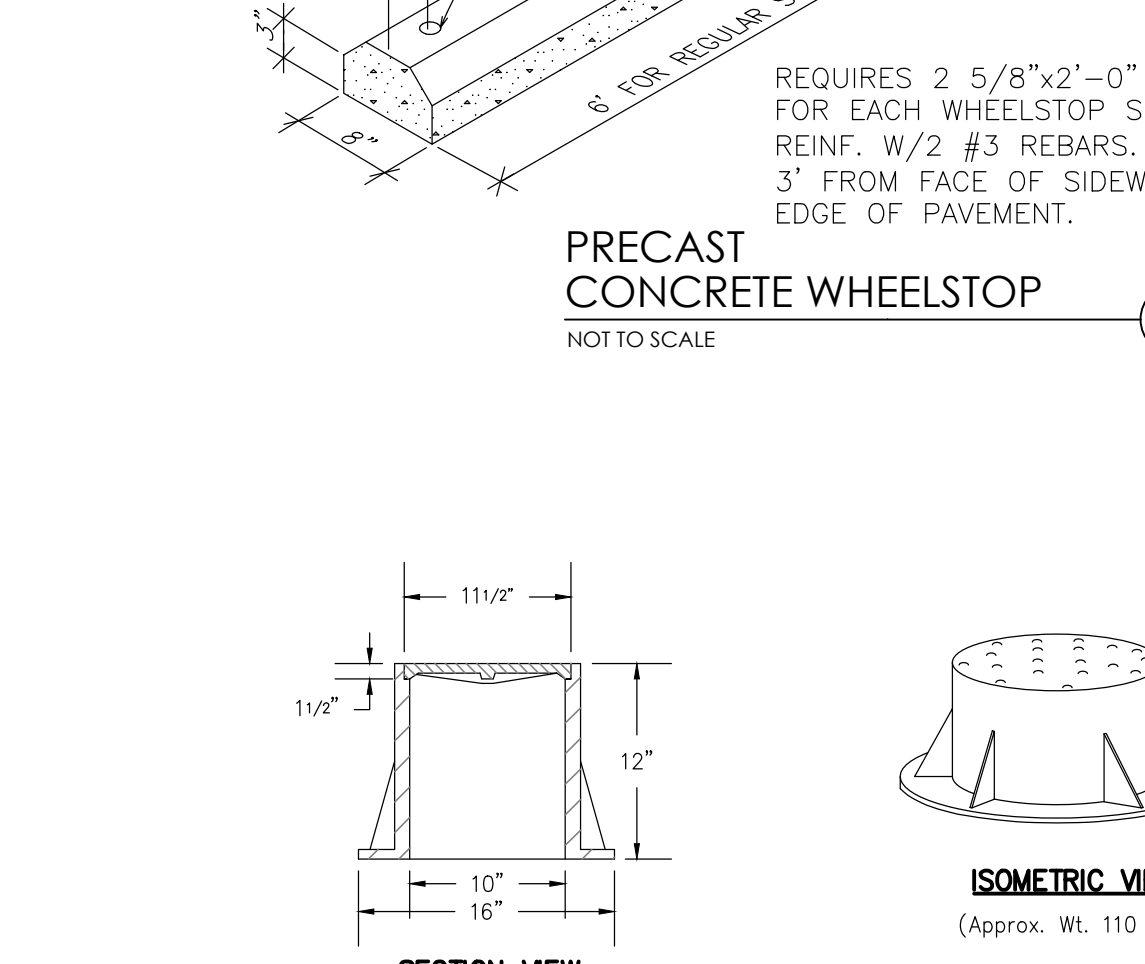
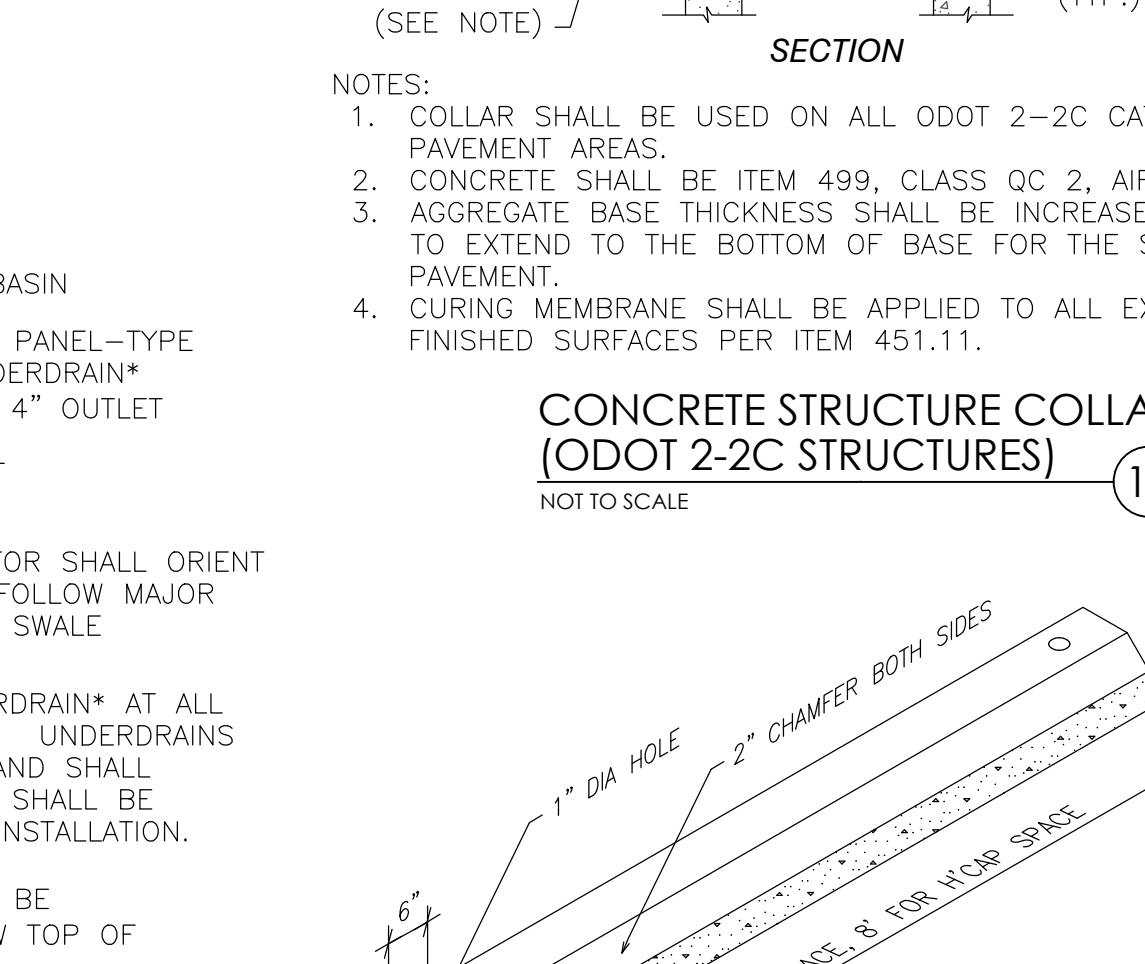
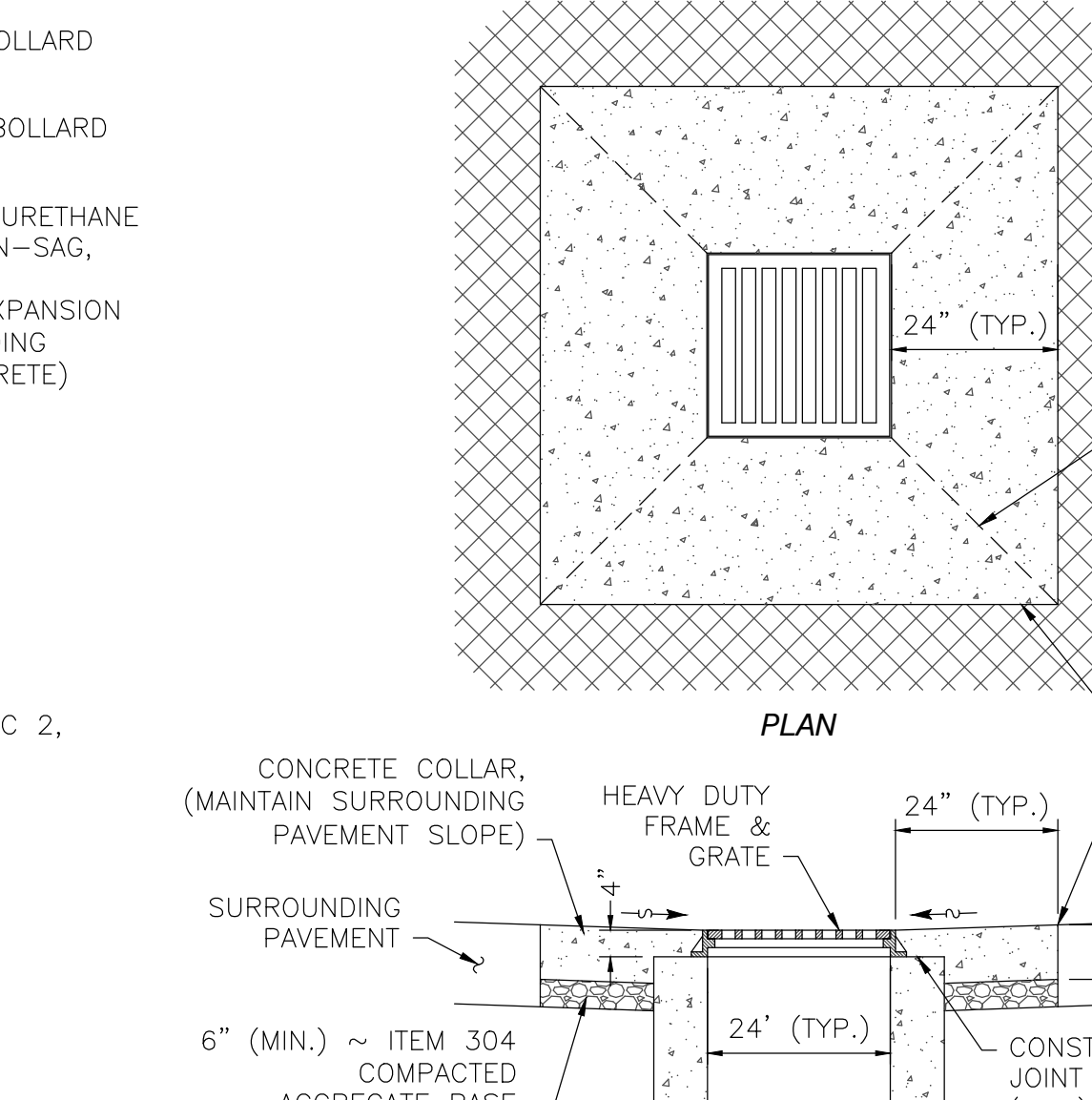
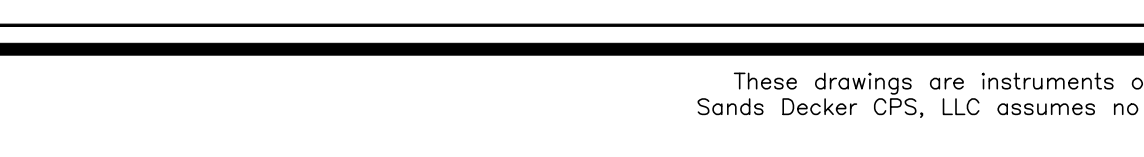
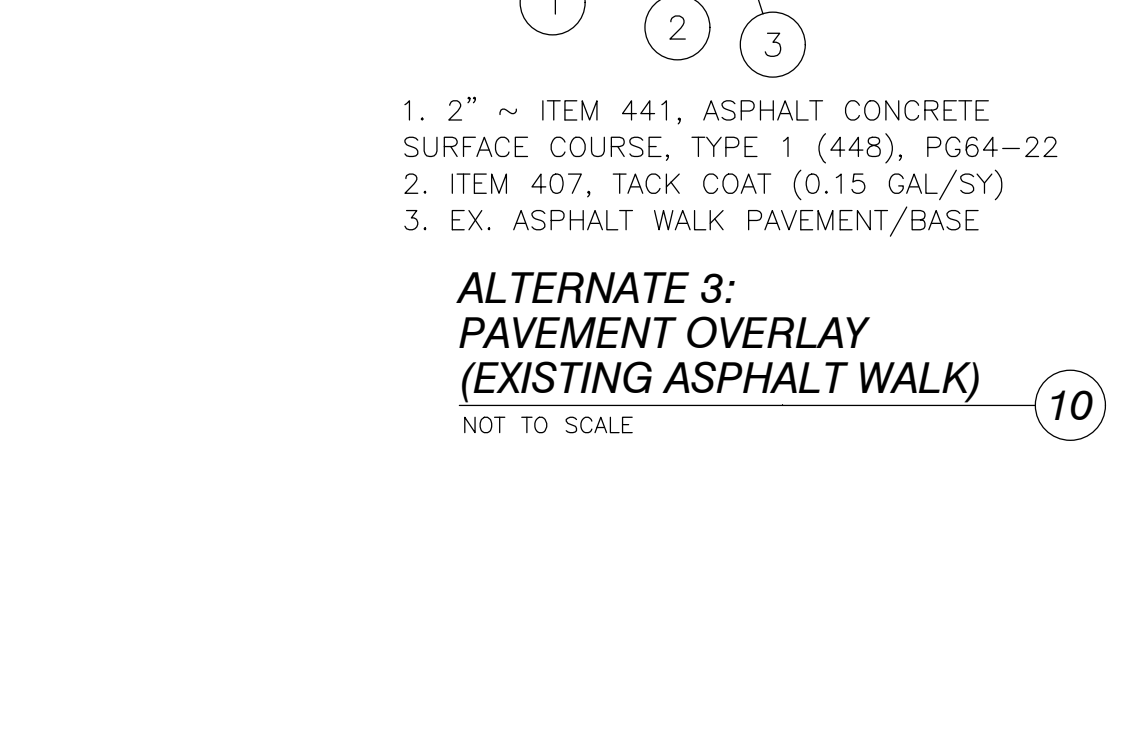
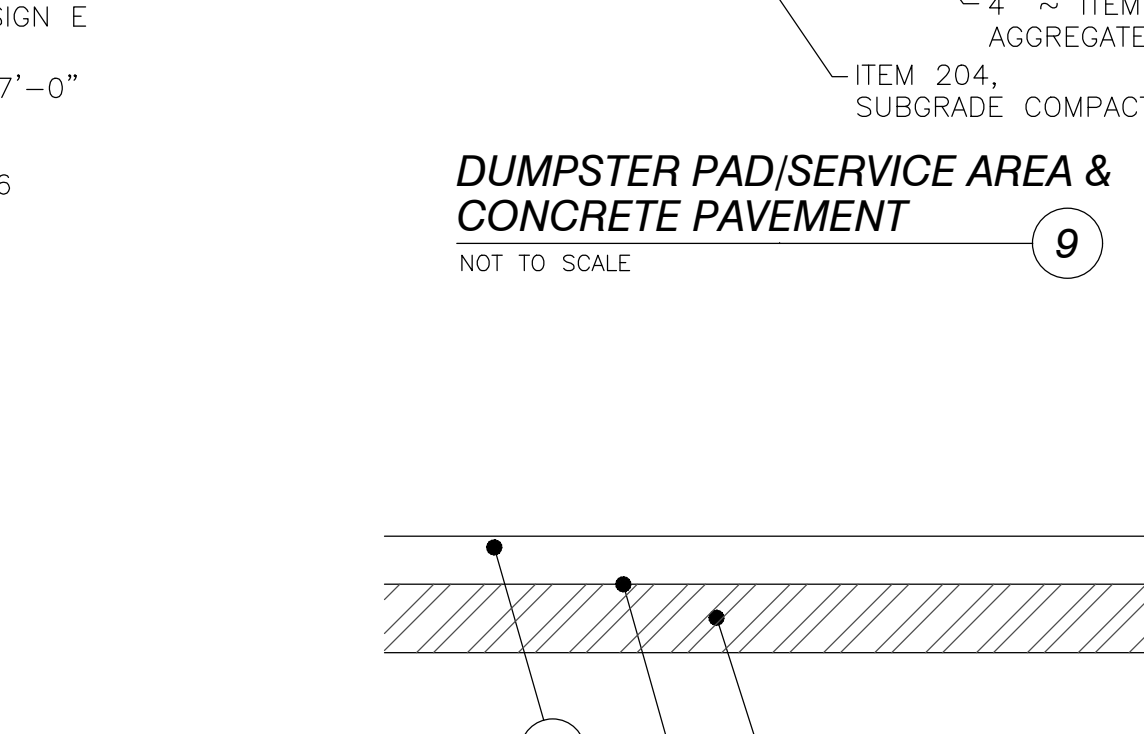
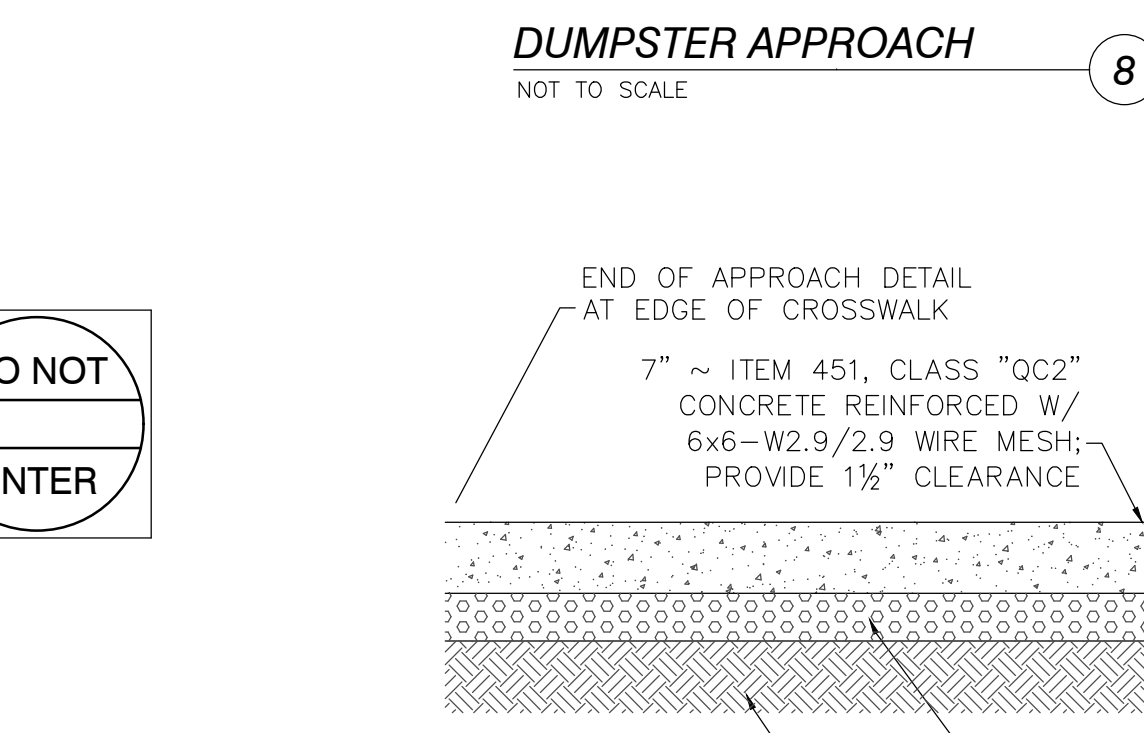
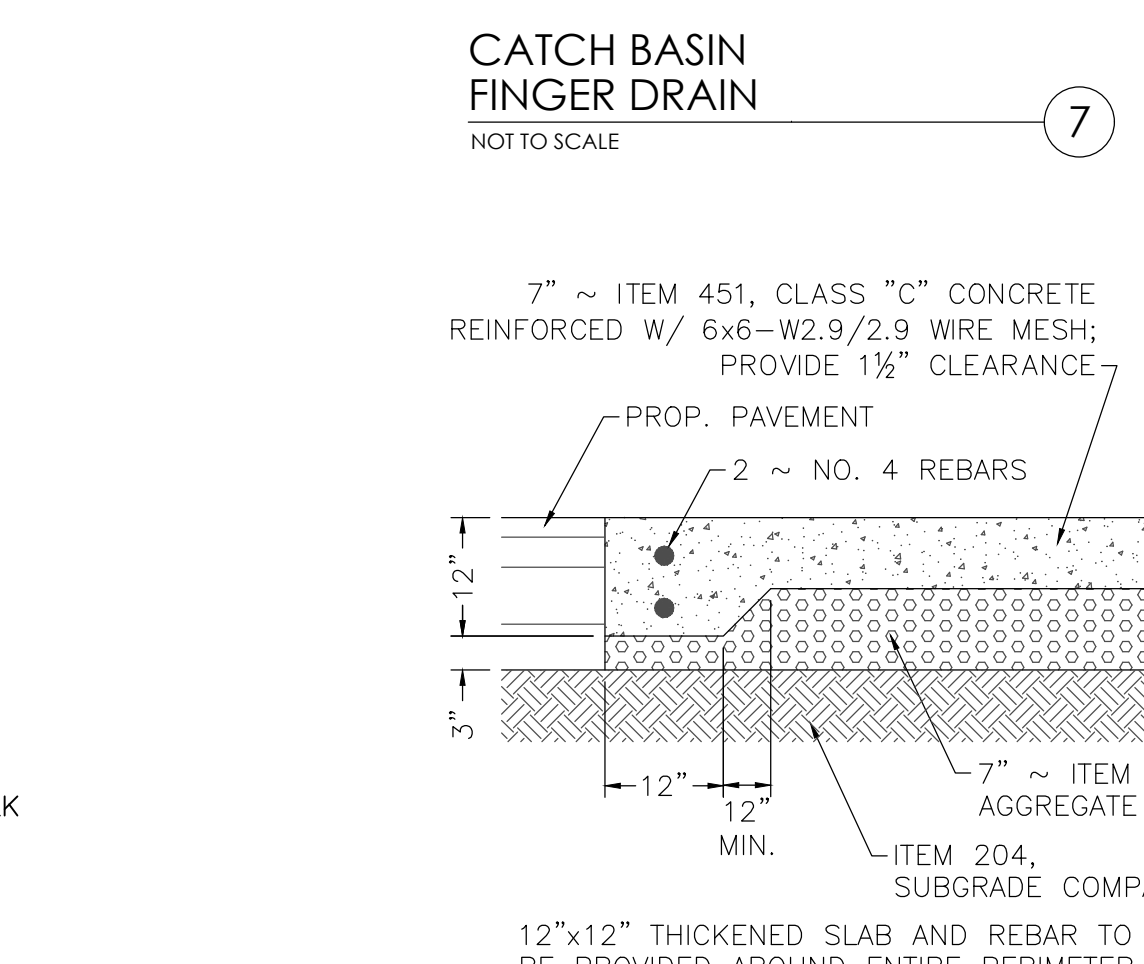
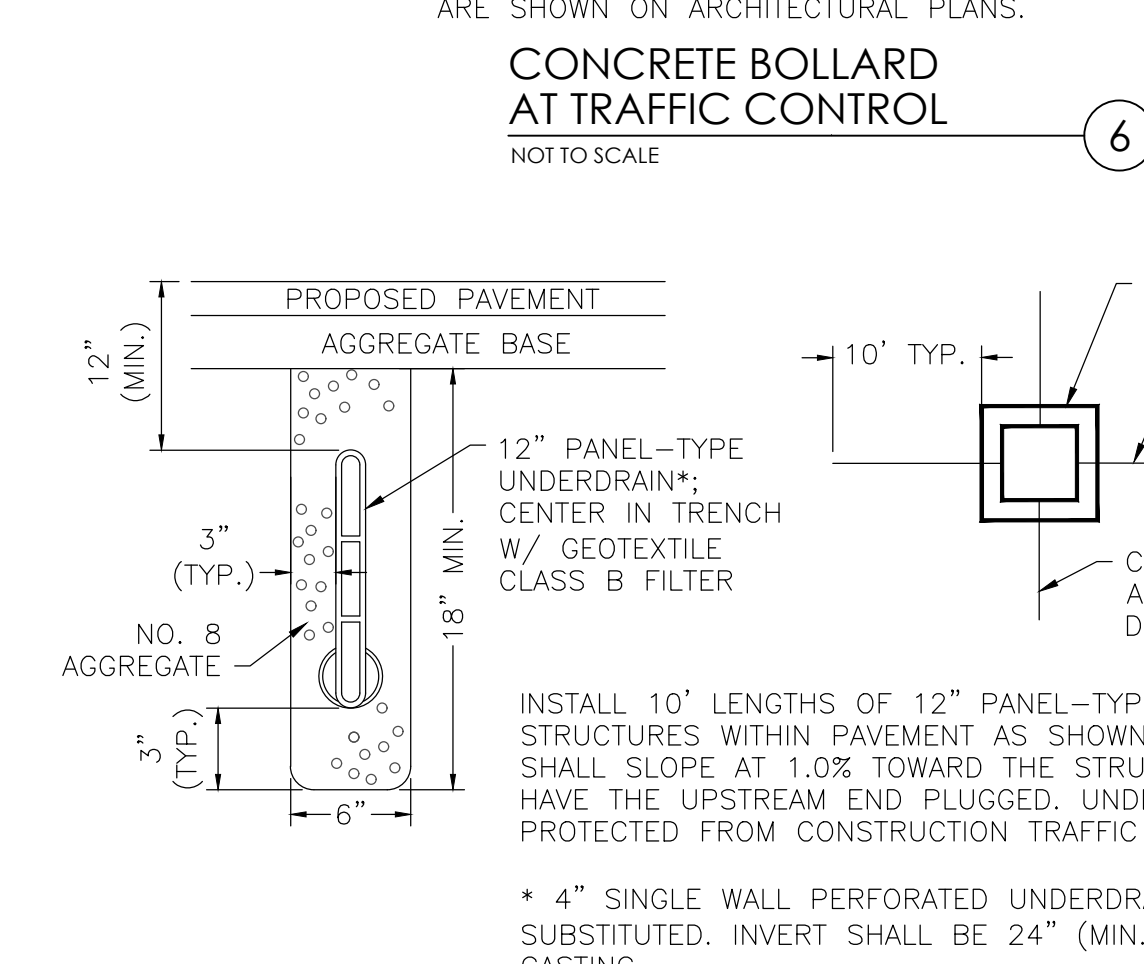
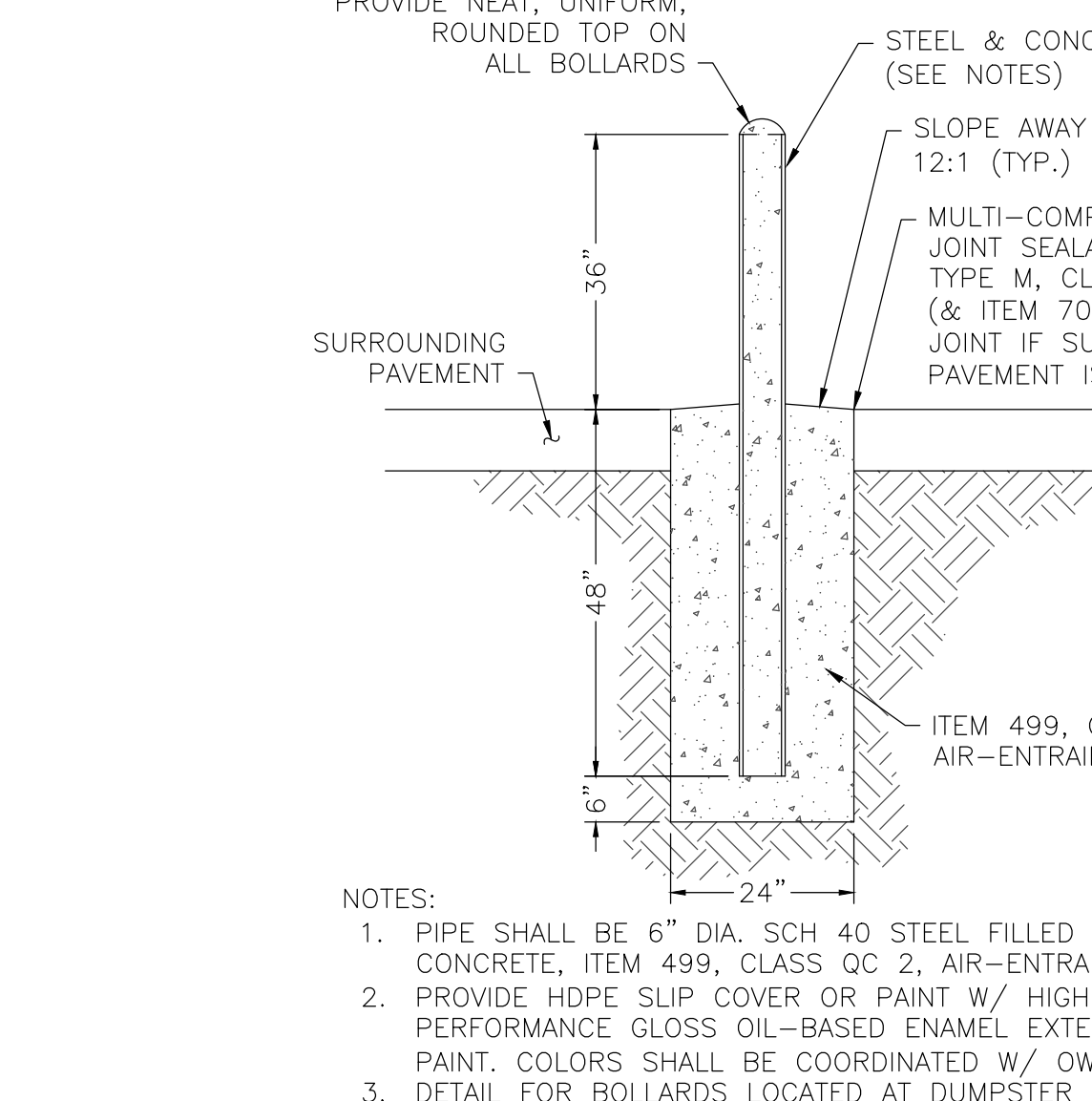
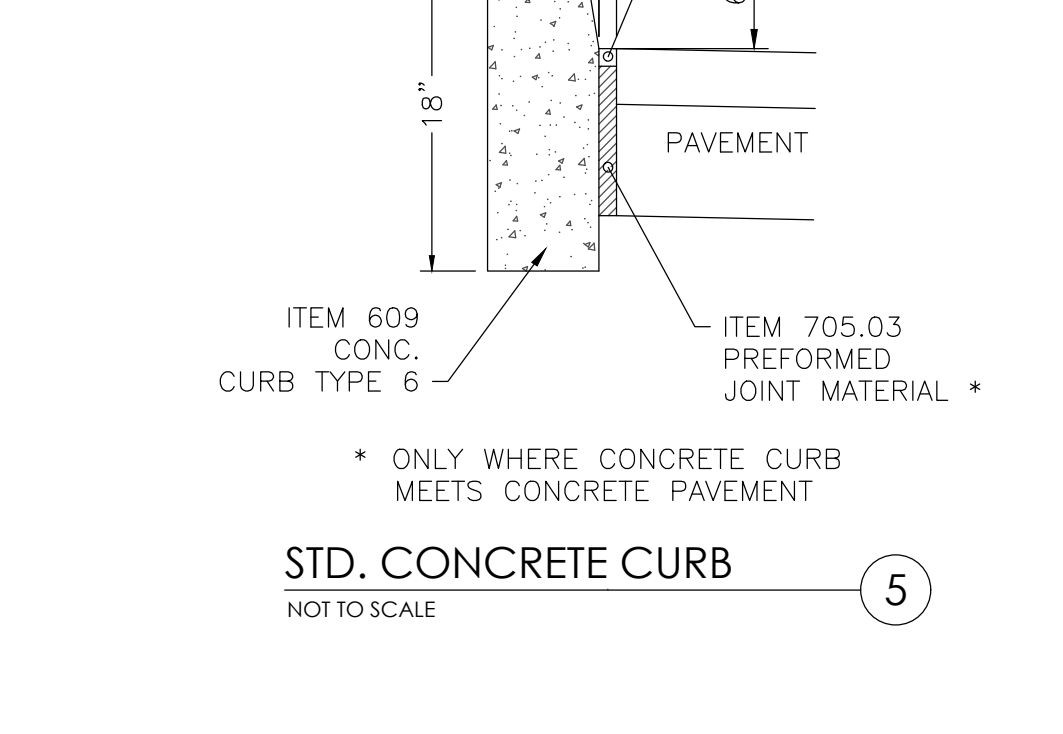
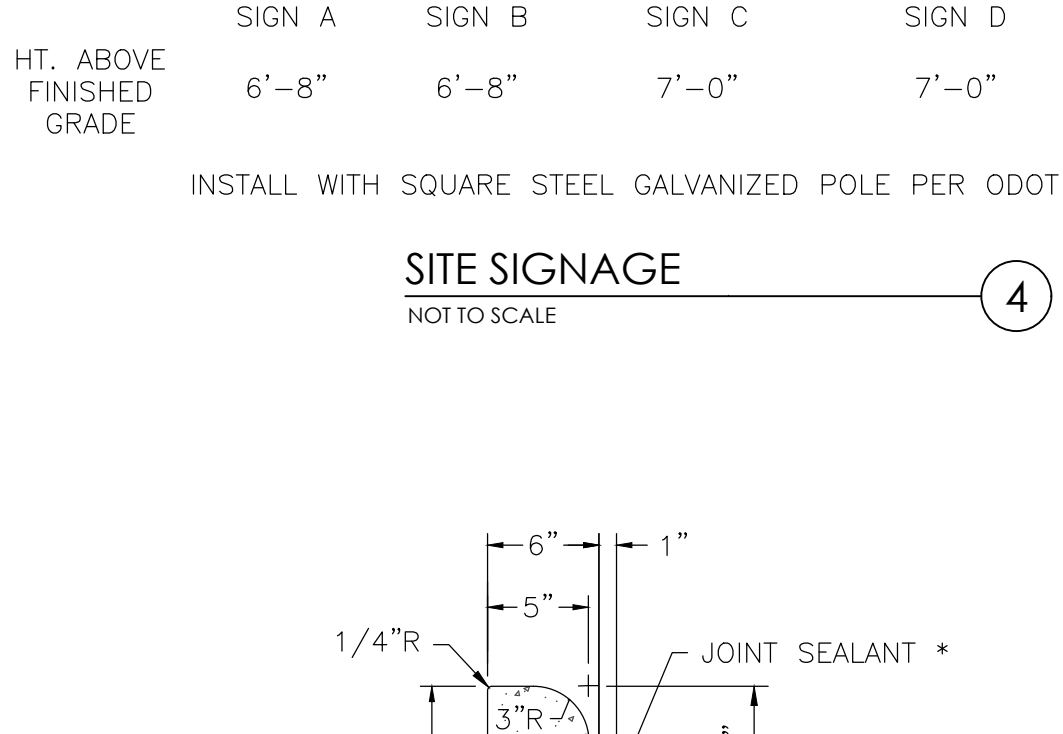
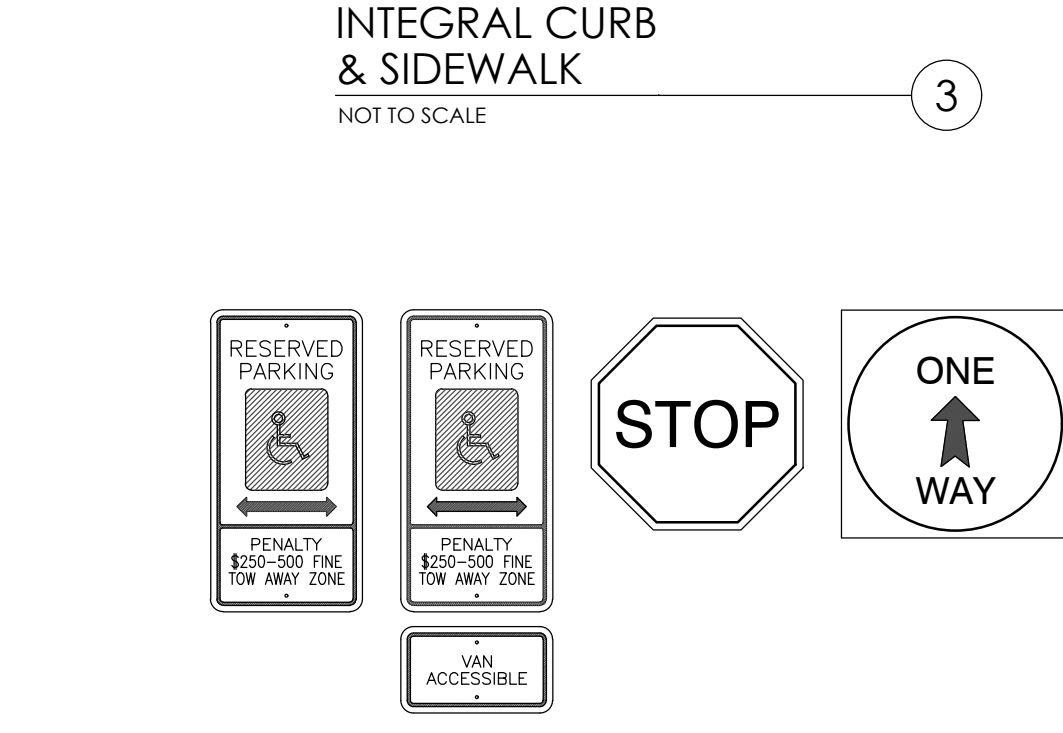
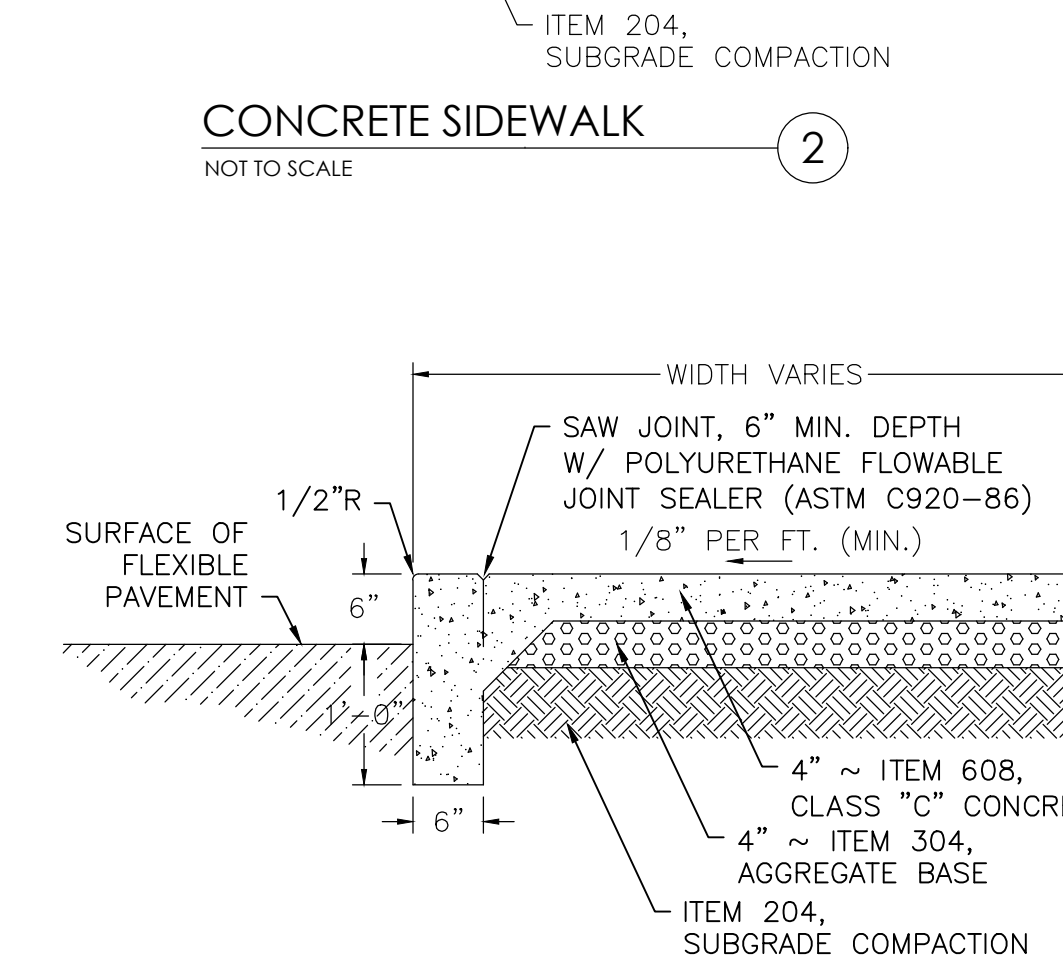
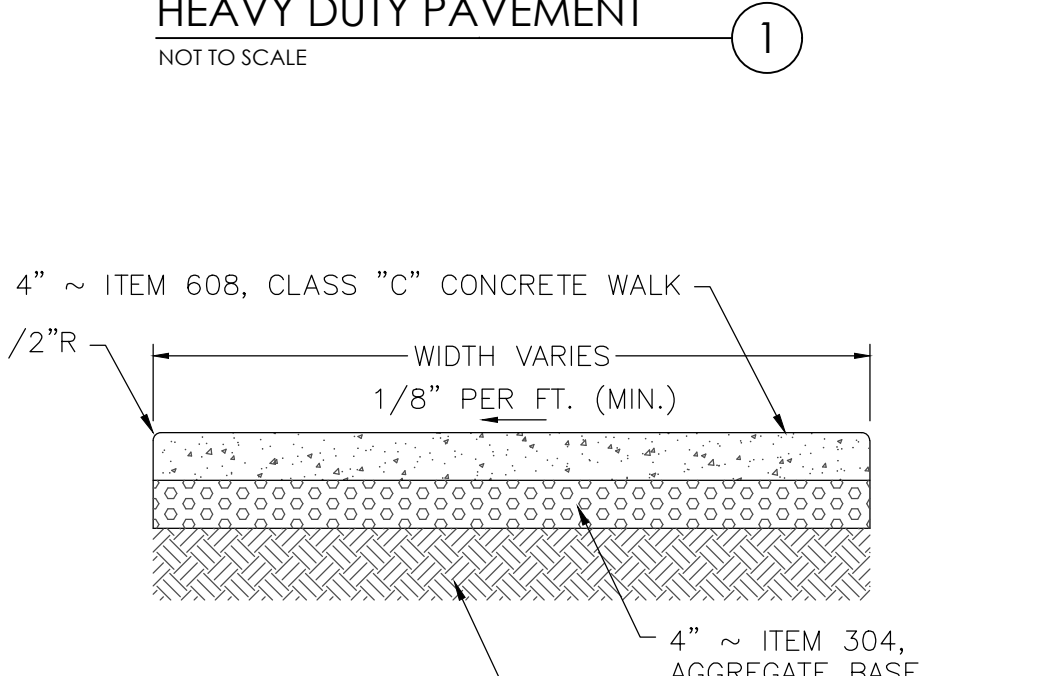
BEDDING & BACKFILL: STORM SEWERS UNDER EXISTING OR PROPOSED PAVEMENT LIMITS & DRIVES SHALL BE INSTALLED AS REQUIRED FOR TYPE B OR TYPE D

CONDUIT, ITEM 611.02: BACKFILL SHALL BE ITEM 703.11, TYPE 1, UP TO THE PAVEMENT SUBGRADE OR WITHIN 6" OF FINISHED GRADE. THE PAVEMENT LIMITS SHALL BE 5' BEYOND THE EDGE OF PAVEMENT, PAVED SHOULDER OR BACK OF CURB. STORM SEWER OUTSIDE PAVEMENT LIMITS SHALL BE INSTALLED AS REQUIRED FOR TYPE C CONDUIT, ITEM 611.02, USING NATURAL BACKFILL. BEDDING FOR TYPE B, C OR D CONDUIT SHALL CONSIST OF NOS. 57, 6, 67, 7, 78, OR 8, ITEM 703, AS REQUIRED BY THE PIPE MANUFACTURER. ANY SETTLEMENT WHICH OCCURS DURING THE GUARANTEE PERIOD SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.

UNDERDRAIN: WHERE DOWNSPOUTS FROM RESIDENTIAL DWELLINGS ARE TO CONNECT INTO THE STREET UNDERDRAIN SYSTEM, THE UNDERDRAIN SHALL BE 6" MINIMUM OR AS OTHERWISE SPECIFIED. UNDERDRAINS ARE ACCEPTABLE WITHOUT DOWNSPOUT CONNECTIONS. PIPE USED FOR UNDERDRAIN SHALL CONFORM TO ITEM 707.31, CORRUGATED POLYETHYLENE DRAINAGE TUBING.



- * ONLY WHERE PAVEMENT DOES NOT ABUT CURB/SIDEWALK
1. 1 1/2" ~ ITEM 441, ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG64-22
 2. 2" ~ ITEM 441, ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (448), PG64-22
 3. 4" ~ ITEM 301, ASPHALT BASE COURSE
 4. ITEM 408, PRIME COAT (0.35 GAL/SY)
 5. 10" ~ ITEM 304, AGGREGATE BASE
 6. ITEM 204, SUBGRADE COMPACTION



GENERAL NOTES & DETAILS

ADDITION & RENOVATIONS TO THE PLAINS ELEMENTARY SCHOOL
90 CONNETT ROAD
THE PLAINS, OH 45780

PREPARED FOR:
ATHENS CITY SCHOOL DISTRICT
PO BOX 9 (21 BIRGE DRIVE)
CHAUNCEY, OH 45719

schorrSa architects inc. 230 Bradenton Ave. Dublin, OH 43017 (614)798-2096

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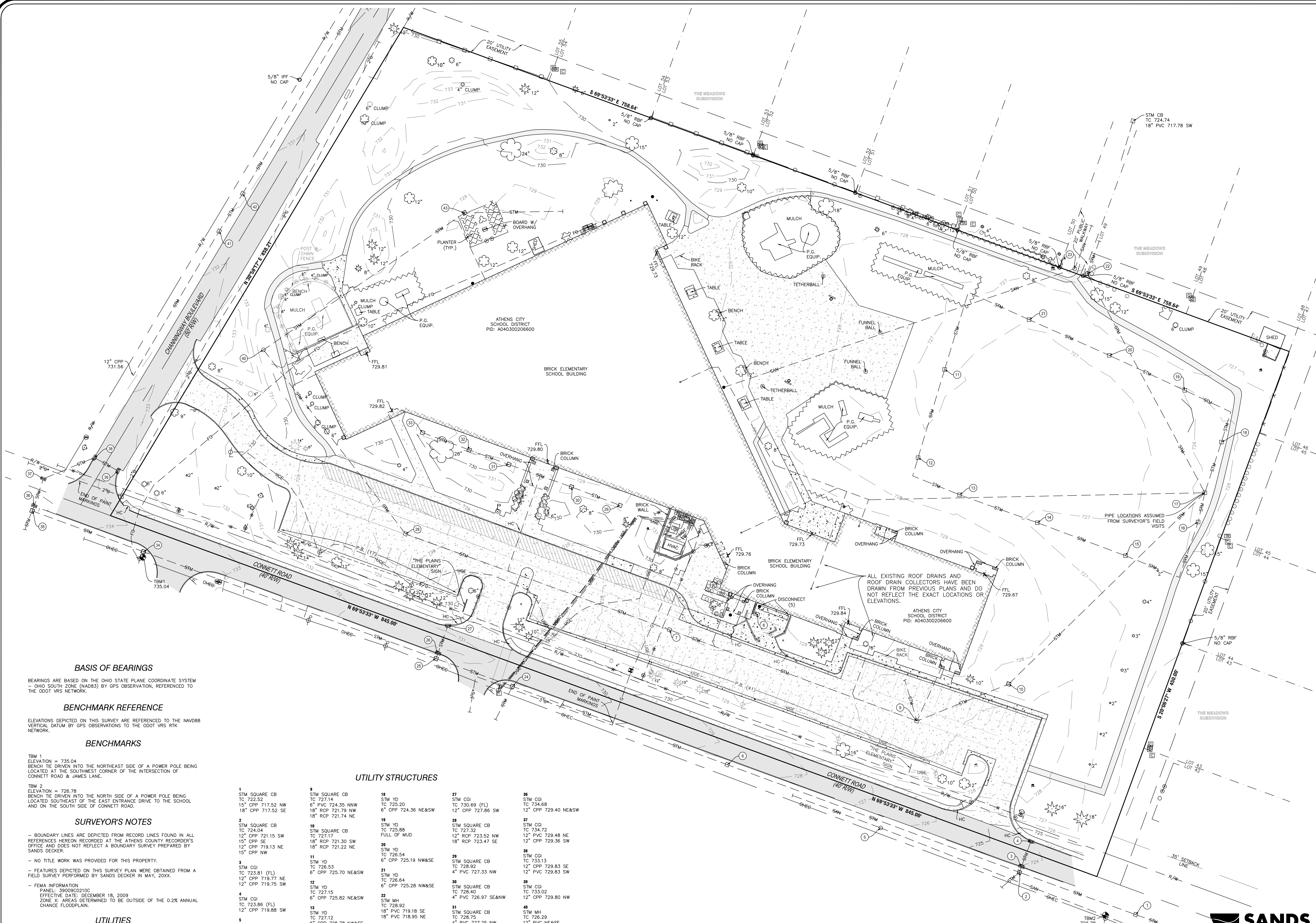
811 Know what's below. Call before you dig.

C1.1

STATE OF OHIO
GLEN E. DECKER
REGISTERED PROFESSIONAL ENGINEER
2-23-2021

S:\Drawings\2020 The Plains Elementary School\DWG\Sector 2020 The Plains Motor Signs 2/26/2021 10:20 AM

These drawings are instruments of professional service by Sands Decker CPS, LLC for the designated project. Sands Decker CPS, LLC assumes no liability for unauthorized use of these drawings, specifications, and documents.



LEGEND

- = PROPERTY LINE
- = EASEMENT LINE
- R/W= RIGHT-OF-WAY
- = CURB
- STM= STORM LINE
- SAN= SANITARY SEWER
- G= GAS LINE
- W= WATER TV LINE
- UGTV= UNDERGROUND TELEPHONE LINE
- UGCTV= UNDERGROUND CABLE TV LINE
- FO= UNDERGROUND FIBER OPTIC LINE
- OHEC= OVERHEAD ELECTRIC & COMM LINE
- UGE= UNDERGROUND ELECTRIC LINE
- E/G= EDGE OF GRAVEL
- = CHAIN LINK FENCE
- X= VINYL FENCE
- = WOODEN FENCE
- = LANDSCAPE EDGE
- = BUSH LINE
- = MANHOLE
- = DOWNSPOUT
- = CATCH BASIN
- = CURB & GUTTER INLET
- = CLEANOUT
- = GREASE TRAP
- = FIRE HYDRANT
- = WATER MAIN VALVE
- = WATER VALVE
- = WATER METER
- = FIRE PROTECTION CONNECTION
- = GAS VALVE
- = GAS METER
- = GAS REGULATOR
- = GAS MARKER
- = COMMUNICATIONS PEDESTAL
- = LIGHT POLE
- = POWER POLE
- = GUY WIRE
- = HVAC UNIT
- = ELECTRIC METER
- = ELECTRIC BOX
- = TRANSFORMER
- = CONIFEROUS TREE
- = DECIDUOUS TREE
- = BUSH
- = TREE STUMP
- = BOLLARD
- = SIGN
- = PAINTED HANDICAP SYMBOL
- = FLAG POLE
- = BASKETBALL HOOP
- = FINISHED FLOOR
- = BENCHMARK
- = IRON PIN FOUND
- = BRICK
- = BUILDING

ABBREVIATIONS

- CPP = CORRUGATED PLASTIC PIPE
- RCP = REINFORCED CONCRETE PIPE
- PVC = POLYVINYL CHLORIDE PIPE
- CMP = CORRUGATED METAL PIPE
- SAN = SANITARY
- STM = STORM
- COMM = COMMUNICATIONS
- CGI = CURB & GUTTER INLET
- MH = MANHOLE
- CB = CATCH BASIN
- YD = YARD DRAIN
- GT = GREASE TRAP
- TC = TOP OF CASTING
- FL = FLOW LINE
- FFL = FINISHED FLOOR
- CONC = CONCRETE
- HC = HANDICAP RAMP
- TBM = TEMPORARY BENCHMARK
- IPF = IRON PIN FOUND
- RFB = REBAR FOUND
- P.B. = PARKING BLOCKS
- P.G. = PLAYGROUND

BASIS OF BEARINGS

BEARINGS ARE BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM
— OHIO SOUTH ZONE (NAD83) BY GPS OBSERVATION, REFERENCED TO THE ODOT VRS NETWORK.

BENCHMARK REFERENCE

ELEVATIONS DEPICTED ON THIS SURVEY ARE REFERENCED TO THE NAVD83 VERTICAL DATUM BY GPS OBSERVATIONS TO THE ODOT VRS RTK NETWORK.

BENCHMARKS

TBM 1
ELEVATION = 735.04
BENCH TIE DRIVEN INTO THE NORTHEAST SIDE OF A POWER POLE BEING LOCATED SOUTHWEST OF THE EAST ENTRANCE DRIVE TO THE SCHOOL AND ON THE SOUTH SIDE OF CONNETT ROAD & JAMES LAKE.

TBM 2
ELEVATION = 726.78
BENCH TIE DRIVEN INTO THE NORTH SIDE OF A POWER POLE BEING LOCATED SOUTHWEST OF THE EAST ENTRANCE DRIVE TO THE SCHOOL AND ON THE SOUTH SIDE OF CONNETT ROAD.

SURVEYOR'S NOTES

- BOUNDARY LINES ARE DEPICTED FROM RECORD LINES FOUND IN ALL REFERENCES HEREON RECORDED AT THE ATHENS COUNTY RECORDER'S OFFICE AND DOES NOT REFLECT A BOUNDARY SURVEY PREPARED BY SANDS DECKER.
- NO TITLE WORK WAS PROVIDED FOR THIS PROPERTY.
- FEATURES DEPICTED ON THIS SURVEY PLAN WERE OBTAINED FROM A FIELD SURVEY PERFORMED BY SANDS DECKER IN MAY, 20XX.
- FEMA INFORMATION
PANEL: 39090C0210C
EFFECTIVE DATE: DECEMBER 18, 2009
ZONE X: AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN.

UTILITIES

EXISTING UTILITIES: THE INFORMATION SHOWN CONCERNING EXISTING UTILITIES IS APPROXIMATE. THE LOCATION, SIZES, AND OTHER INFORMATION IS ONLY AS ACCURATE AS THE INFORMATION PROVIDED BY THE OWNERS OF THE UTILITY COMPANY. THIS INFORMATION IS NOT REPRESENTED, WARRANTED, OR GUARANTEED TO BE COMPLETE OR ACCURATE.

THE FOLLOWING UTILITY OWNERS WERE CONTACTED AS LISTED BY OUPS CONFIRMATION TICKET A909203248-00A:

COLUMBIA GAS OF OHIO	1-800-344-4077
AEP OHIO POWER	1-800-277-2177
CHARTER COMMUNICATIONS	1-866-849-1945
FRONTIER COMMUNICATIONS	1-877-462-8188
LE-AX WATER	1-740-594-0123
ATHENS COUNTY WATER & SEWER	1-740-797-3235

*DENOTES THE UTILITY LINE IS DRAWN FROM PLANS

UTILITY STRUCTURES

- | | | | | | |
|---|--|---|---|--|--|
| 1
STM SQUARE CB
TC 727.14
15" CPP 717.52 NW
18" RCP 717.52 SE | 9
STM SQUARE CB
TC 727.14
6" PVC 724.35 NNW
18" RCP 721.79 NW
18" RCP 721.74 NE | 17
STM YD
TC 725.88
FULL OF MUD | 25
STM SQUARE CB
TC 726.54
6" CPP 725.19 NW&SE | 33
STM SQUARE CB
TC 726.84
6" CPP 725.28 NW&SE | 41
STM YD
TC 728.29
6" PVC 721.50 SW
10" PVC 721.41 NE |
| 2
STM SQUARE CB
TC 724.04
12" CPP 721.15 SW
15" CPP SE
12" CPP 719.13 NE
15" CPP NW | 10
STM SQUARE CB
TC 727.17
18" RCP 721.30 SW
18" RCP 721.22 NE | 20
STM YD
TC 726.54
6" CPP 725.28 NW&SE | 28
STM SQUARE CB
TC 728.92
12" CPP 727.33 NW
4" PVC 727.33 NW | 36
STM SQUARE CB
TC 728.40
4" PVC 726.97 SE&NW | 44
STM YD
TC 730.96
12" CPP 729.42 SW
12" CPP 729.26 NE |
| 3
STM CGI
TC 723.81 (FL)
12" CPP 719.77 NE
12" CPP 719.75 SW | 11
STM YD
TC 726.53
6" CPP 725.70 NE&SW | 21
STM YD
TC 726.84
6" CPP 725.28 NW&SE | 29
STM SQUARE CB
TC 728.92
12" CPP 729.83 SE
4" PVC 727.33 NW | 37
STM CGI
TC 734.72
12" RCP 729.48 NE
12" CPP 729.36 SW | 45
STM YD
TC 730.96
12" CPP 729.42 SW
12" CPP 729.26 NE |
| 4
STM CGI
TC 723.81 (FL)
12" CPP 719.77 NE
12" CPP 719.88 SW | 12
STM YD
TC 727.15
6" CPP 725.82 NE&SW | 22
STM MH
TC 728.92
18" PVC 719.18 SE
18" PVC 718.95 NE | 30
STM SQUARE CB
TC 728.40
4" PVC 726.97 SE&NW | 38
STM CGI
TC 733.13
12" CPP 729.83 SE
12" PVC 729.83 SW | 46
STM MH
TC 726.29
4" PVC 727.25 NW
4" PVC 727.10 SE |
| 5
SAN MH
TC 726.85
8" PVC 715.42 NW&SE | 13
STM YD
TC 727.12
6" CPP 725.78 NW&SE | 23
SAN MH
TC 728.29
6" PVC 721.50 SW
10" PVC 721.41 NE | 31
STM SQUARE CB
TC 728.75
4" PVC 727.25 NW
4" PVC 727.10 SE | 39
STM CGI
TC 733.02
12" CPP 729.80 NW | 47
STM YD
TC 728.29
12" CPP 730.49 SW
12" CPP 730.49 NE |
| 6
STM SQUARE CB
TC 726.67
6" CPP 725.46 NW&SE | 14
STM YD
TC 726.67
6" CPP 725.46 NW&SE | 24
STM SQUARE CB
TC 730.72
12" CPP 726.84 SW
12" CPP 725.68 NW
15" CPP 725.30 SE | 32
STM SQUARE CB
TC 728.01
4" PVC 727.27 NW
4" PVC 727.23 SE | 40
STM MH
TC 726.29
4" PVC 727.25 NW
4" PVC 727.10 SE | 48
STM YD
TC 730.96
12" CPP 729.42 SW
12" CPP 729.26 NE |
| 7
STM SQUARE CB
TC 727.11
18" RCP 722.54 NW
18" RCP 722.38 SE | 15
STM YD
TC 726.00
6" CPP 724.55 NW&SE | 25
STM SQUARE CB
TC 730.70
12" CPP 727.44 NE
12" CPP 726.23 NW&SE | 34
STM SQUARE CB
TC 733.16
12" CPP 727.89 NW&SE | 42
STM YD
TC 730.96
12" CPP 729.42 SW
12" CPP 729.26 NE | 50
STM SQUARE CB
TC 733.16
8" PVC 725.65 E
12" PVC 725.33 SW |
| 8
SAN OT
TC 729.13
FULL OF LIQUID | 16
STM YD
TC 725.61
6" CPP 724.21 SW&NE | 26
STM SQUARE CB
TC 730.70 (FL)
6" CPP (2) 732.41 NE
12" CPP 727.83 NE
12" CPP 727.61 SW | 35
STM SQUARE CB
TC 734.84
6" CPP (2) 732.41 NE
12" CPP 728.76 NE
12" CPP 728.57 E | 49
STM MH
TC 726.29
4" PVC 727.25 NW
4" PVC 727.10 SE | 51
STM YD
TC 728.29
12" CPP 730.49 SW
12" CPP 730.49 NE |

ALL EXISTING ROOF DRAINS AND ROOF DRAIN COLLECTORS HAVE BEEN DRAWN FROM PREVIOUS PLANS AND DO NOT REFLECT THE EXACT LOCATIONS OR ELEVATIONS.

EXISTING SITE SURVEY

ADDITION & RENOVATIONS TO THE PLAINS ELEMENTARY SCHOOL
90 CONNETT ROAD
THE PLAINS, OH 45780

PREPARED FOR:
ATHENS CITY SCHOOL DISTRICT
PO BOX 9 (21 BIRGE DRIVE)
CHAUNCEY, OH 45719

schorr architects inc. 230 Bradenton Ave.
Dublin, OH 43017
(614)798-2096

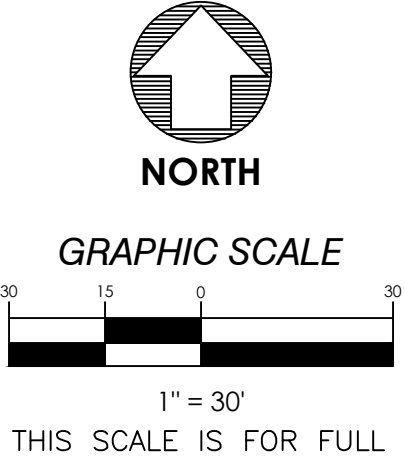


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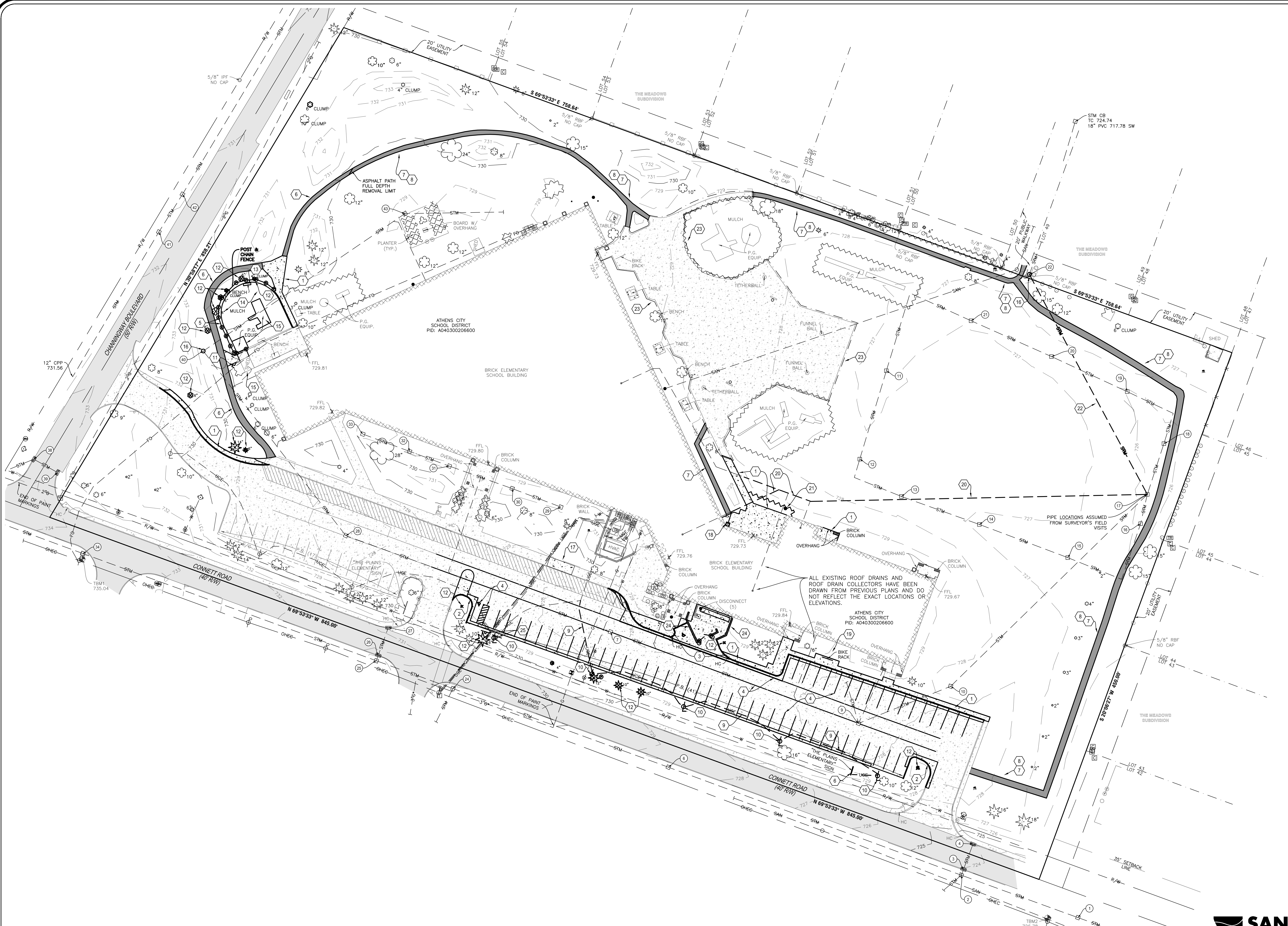
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614-459-6992

507 Main Street
Zanesville, Ohio 43701
740-450-1640



C2.0

SIGNED: [Signature] 2-23-2021
DATE



- DEMOLITION KEYNOTES**
1. INTEGRAL CURB & SIDEWALK TO BE REMOVED.
 2. CURB TO BE REMOVED.
 3. HANDICAP RAMP TO BE REMOVED.
 4. STRIPING TO BE REMOVED.
 5. CHAINLINK FENCE & POSTS TO BE REMOVED.
 6. ASPHALT WALK TO BE REMOVED.
 7. BASE BID ASPHALT PATH TO BE REMOVED AND REPLACED WITH SEEDING AND MULCHING. REMOVE ASPHALT PAVEMENT AND PORTION OF BASE AS NEEDED TO ALLOW FOR 3" OF TOPSOIL AND TO MAINTAIN THE CURRENT SURFACE ELEVATION.
 8. ALTERNATE 3: CONTRACTOR TO REMOVE THE ASPHALT AND PORTION OF THE BASE OF THE ASPHALT PATH, IN ORDER TO ENABLE PLACEMENT OF 2" OF NEW ASPHALT, WHILE MAINTAINING CURRENT SURFACE ELEVATIONS. IF EXISTING ASPHALT IS THICKER THAN 2", THE CONTRACTOR SHALL REPORT THEIR FINDINGS WITH THE ARCHITECT. SEE DETAIL 10 ON SHEET C1.1.
 9. UNDERGROUND ELECTRIC TO BE EXTENDED TO NEW SIGN. COORDINATE WITH ELECTRICAL PLANS.
 10. LIGHT POLES TO BE REMOVED/RELOCATED. COORDINATE WITH ELECTRICAL PLANS.
 11. LANDSCAPING TO BE REMOVED.
 12. TREES & STUMPS TO BE REMOVED.
 13. BENCH TO BE REMOVED.
 14. MULCH TO BE REMOVED.
 15. PLAYGROUND EQUIPMENT & STORAGE SHED TO BE REMOVED.
 16. MANHOLE TO BE REMOVED.
 17. CONCRETE WALK AND CURB TO BE CUT FOR PROPOSED ADA RAMP. SEE SHEET C5.0 FOR DETAILS.
 18. REMOVE DOWNSPOUT AND LET OUTLET ONTO PROPOSED BUILDING ADDITION ROOF. CAP AND REMOVE PERIMETER DRAIN OUTSIDE OF PROPOSED BUILDING ADDITION.
 19. BIKE RACK TO BE REMOVED. SEE SITE DIMENSION PLAN FOR NEW BIKE RACK AREA.
 20. ROOF DRAIN COLLECTOR TO BE REMOVED.
 21. CLEANOUT TO BE REMOVED.
 22. 18" STORM LINE TO BE REMOVED.
 23. ALTERNATE 2: CONCRETE TO BE REMOVED WITHIN PLAYGROUND AREA.
 24. WALL TO BE REMOVED. SEE ARCHITECTURAL DRAWINGS.
 25. SIGN TO BE REMOVED.
- MISC. NOTES**
- ALL ITEMS NOTED FOR DEMOLITION SHALL BE REMOVED & DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL & LOCAL REGULATIONS, UNLESS OTHERWISE DIRECTED BY THE OWNER.
 - THE REMOVAL OF ANY ITEMS WHICH HAVE IN-GROUND FOUNDATIONS, BASES OR FOOTERS OF ANY KIND SHALL INCLUDE COMPLETE REMOVAL OF SAID FOUNDATIONS.
- LEGEND**
- EX. ASPHALT
 - EX. ASPHALT TO BE REMOVED
 - EX. CONCRETE PAVEMENT
 - EX. CONCRETE PAVEMENT/WALK TO BE REMOVED

DEMOLITION PLAN

ADDITION & RENOVATIONS TO THE PLAINS ELEMENTARY SCHOOL
 90 CONNETT ROAD
 THE PLAINS, OH 45780

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 PO BOX 9 (21 BIRGE DRIVE)
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schorr architects inc. 230 Bradenton Ave. Dublin, OH 43017 (614)798-2096

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SANDS DECKER ENGINEERS & SURVEYORS

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811
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GRAPHIC SCALE
 1" = 30'
 THIS SCALE IS FOR FULL SIZE 30" X 42"

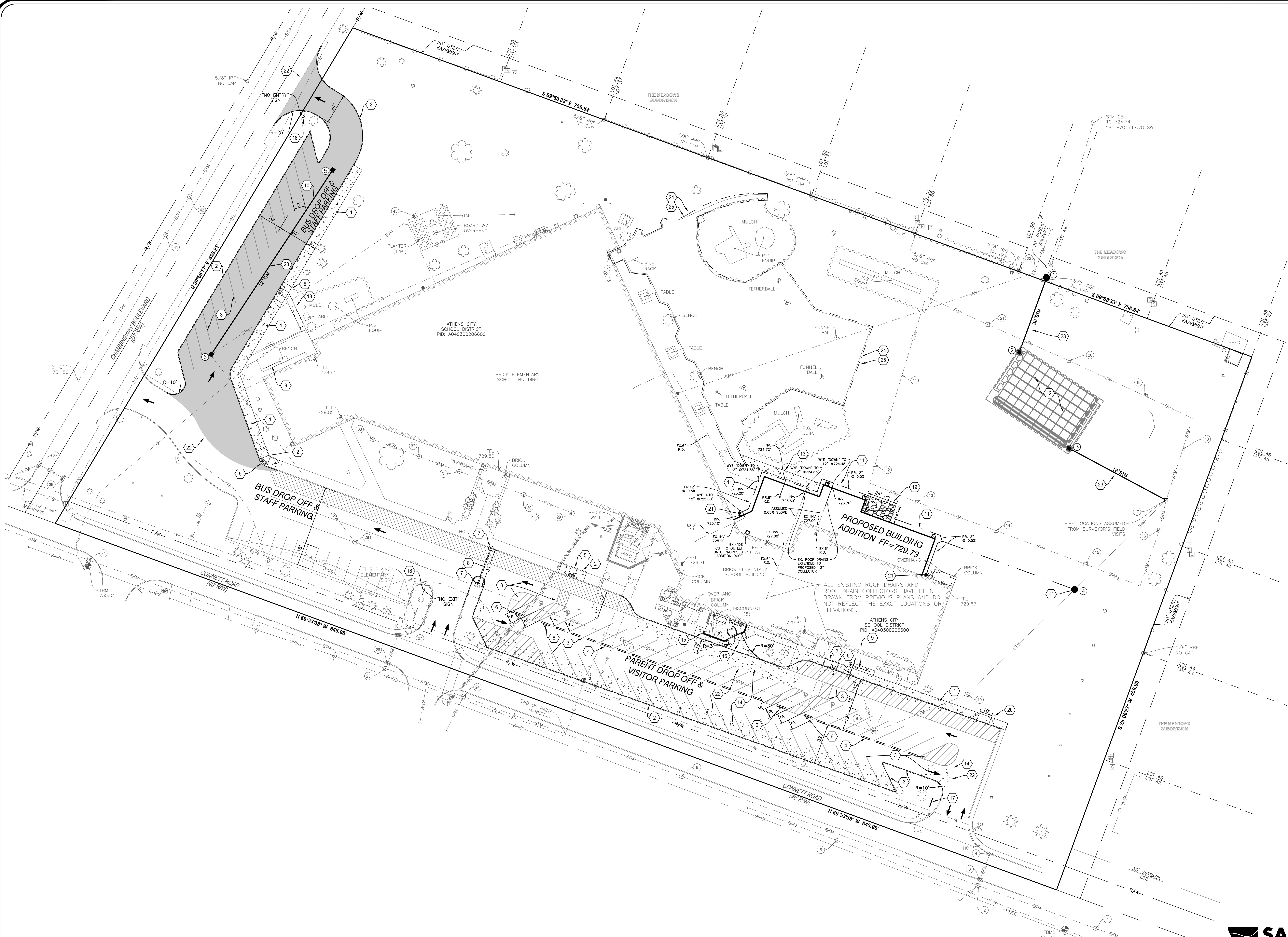
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STATE OF OHIO
 GLENN E. DECKER
 57924
 REGISTERED PROFESSIONAL ENGINEER

SIGNED: [Signature] 2-23-2021 DATE

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- ### SITE KEYNOTES
- INTEGRAL CURB & SIDEWALK, SEE DETAIL 3 ON SHEET C1.1.
 - STRAIGHT CONCRETE CURB, SEE DETAIL 5 ON SHEET C1.1.
 - PAVEMENT MARKINGS INCLUDING PARKING SPACES, TRANSVERSE LINES, DIRECTIONAL ARROWS, CROSSWALKS & ADA SYMBOLS TO BE PLACED AS SHOWN PER ITEMS 641 & 642.
 - CONCRETE PARKING BLOCKS TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. SEE DETAIL 12 ON SHEET C1.1.
 - ADA RAMP WITH DETECTABLE WARNING, SEE SHEET C5.0 FOR DETAILS.
 - ADA SIGNAGE, SEE DETAIL 4 ON SHEET C1.1.
 - CONCRETE BOLLARD, SEE DETAIL 6 ON SHEET C1.1.
 - REMOVABLE CHAIN.
 - BIKE RACK. SEE ARCHITECTURAL PLANS FOR DETAIL.
 - STORM SEWER, SEE PROFILE SHEET.
 - 12" ROOF DRAIN COLLECTOR @ 0.5% MIN. SLOPE. TO TIE INTO PROPOSED DOGHOUSE MANHOLE AT INVERT 722.58.
 - UNDERGROUND STORMWATER DETENTION SYSTEM WITH STORMTECH MC-3500 CHAMBERS OR EQUIVALENT. SEE DETAILS ON SHEET C7.0.
 - CONCRETE SIDEWALK, SEE DETAIL 2 ON SHEET C1.1.
 - CONCRETE PAVEMENT PER DETAIL 9 ON SHEET C1.1.
 - DUMPSTER ENCLOSURE, SEE ARCHITECTURAL DRAWINGS FOR DETAILS.
 - DUMPSTER PAD AND APPROACH, SEE DETAILS 8 & 9 ON SHEET C1.1. PROPOSED CONCRETE TO BE SAWCUT AT EXISTING CONCRETE.
 - NEW "THE PLAINS ELEMENTARY" SIGN. SEE ARCHITECTURAL DRAWINGS FOR DETAILS.
 - DIRECTIONAL SIGN, SEE DETAIL 4 ON SHEET C1.1. MOUNT SIGN TO POST PER MANUFACTURER'S RECOMMENDATIONS.
 - GRAVEL GENERATOR PAD WITH CHAINLINK FENCE AND GATE ENCLOSURE. SEE ARCHITECTURAL PLANS FOR DETAILS.
 - 10' WIDE VEHICULAR CURB RAMP. SEE GRADING SHEET FOR DETAILS.
 - ROOF DRAIN CLEANOUT. SEE DETAIL 13 ON SHEET C1.1.
 - ALL EXISTING PAVEMENT EDGES TO BE NEATLY SAW CUT & ITEM 407, TACK COAT, TO BE APPLIED TO EXPOSED VERTICAL SURFACES PRIOR TO PLACEMENT OF NEW CONCRETE PAVEMENT. SEAL JOINT WITH ITEM 705.04, HOT APPLIED JOINT SEALER.
 - STORM SEWER. SEE PROFILE SHEET.
 - ALTERNATE 1: \$20,000 ALLOWANCE TO REPAIR DAMAGED CONCRETE IN PLAYGROUND AREA BY CONCRETE PATCHING.
 - ALTERNATE 2: REPLACE CONCRETE IN PLAYGROUND AREA PER DETAIL 2 ON SHEET C1.1.

- ### MISC. NOTES
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON THE GROUND & REPORT ANY LAYOUT DISCREPANCIES IMMEDIATELY TO THE A/E. DO NOT SCALE FROM THIS DRAWING. ALL WRITTEN DIMENSIONS SHALL GOVERN. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE A/E.
 - SIDEWALK SHALL INCLUDE INTEGRAL CURB IN AREAS ADJACENT TO PAVEMENT. SEE DETAIL SHEET 1.1.
 - UTILITIES MARKED WITH "*" ARE PER PLAN ONLY. SANDS DECKER TAKES NO LIABILITY FOR LOCATION OF PER PLAN ONLY UTILITIES.
 - CAUTION IS TO BE USED WHEN MILLING/EXCAVATING TO AVOID CONFLICT WITH UNDERGROUND UTILITIES. CONTRACTOR TO EXCAVATE AREA TO LOCATE UTILITY PRIOR TO CONSTRUCTION.
 - FOR SIDEWALK JOINT & SCOURING PATTERN DETAILS, SEE ARCHITECTURAL PLANS.

- ### LEGEND
- PROP. HEAVY DUTY ASPHALT
 - PROP. CONCRETE PAVEMENT/SIDEWALK
 - PROP. GRAVEL PAD FOR GENERATOR PAD

SITE DIMENSION PLAN

ADDITION & RENOVATIONS TO THE PLAINS ELEMENTARY SCHOOL
 90 CONNETT ROAD
 THE PLAINS, OH 45780

PREPARED FOR:
 ATHENS CITY SCHOOL DISTRICT
 PO BOX 9 (21 BIRGE DRIVE)
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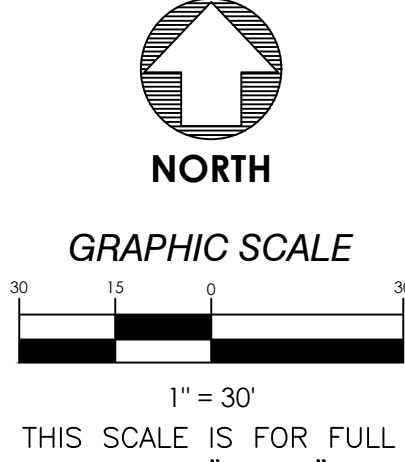
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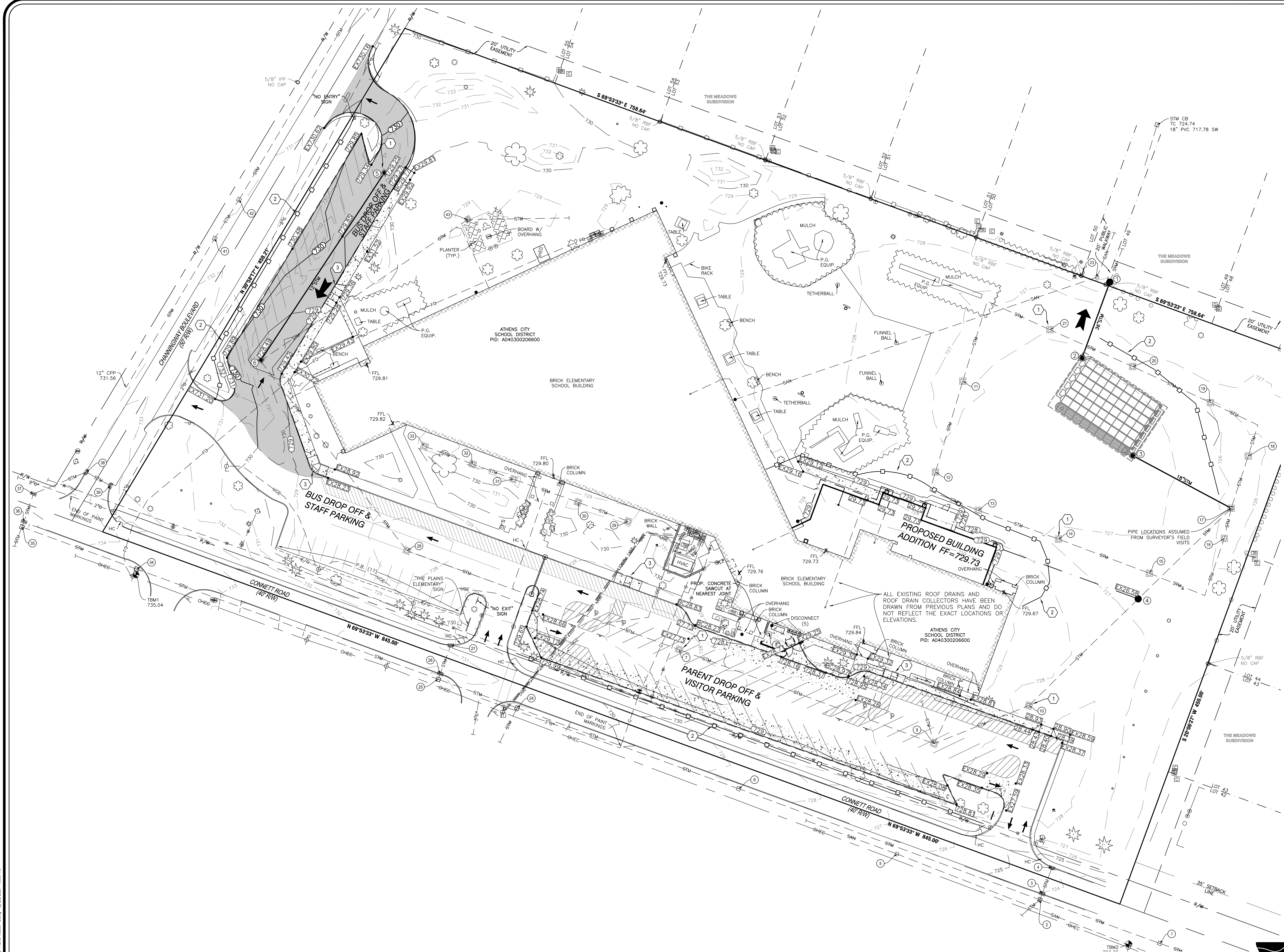
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STATE OF OHIO
 GLENN E. DECKER
 57924
 REGISTERED PROFESSIONAL ENGINEER

SIGNED: [Signature] DATE: 2-23-2021



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- 1 GRADING KEYNOTES**
1. INLET PROTECTION, SEE DETAILS 3 & 4 ON SHEET C6.0.
 2. SEDIMENT FENCE, SEE DETAIL 5 ON SHEET C6.0.
 3. ADA RAMP WITH DETECTIBLE WARNING. SEE SHEET C5.0 FOR GRADING DETAILS.
- MISC. NOTES**
- ALL GRADES SHOWN ARE PAVEMENT ELEVATIONS AT FACE OF CURB, WHERE APPLICABLE, UNLESS OTHERWISE NOTED. EX=EXISTING, BC=BACK OF CURB, BACK OF CURB ELEVATION TO BE 0.5' HIGHER THAN PAVEMENT UNLESS SPECIFIED OTHERWISE.
 - CONTRACTOR SHALL PROVIDE CONCRETE WASHOUT AREA PER DETAIL. LOCATION SHALL BE DETERMINED IN THE FIELD.
 - ALL ROOF DRAIN LINE EXTENSIONS UNDER BUILDING FOOTPRINT TO BE D2665 SCH. 40 PVC PIPE PER OHIO BUILDING CODE. EXISTING ROOF DRAINS TO BE REPLACED IF NOT UP TO CODE.
 - ON ARCHITECTURAL DRAWINGS, 100'-0"=729.73' FOR ELEVATIONS.
- LEGEND**
- 1 STORM STRUCTURE DESIGNATION (SEE PROFILES, SHEET 5)
 - INLET PROTECTION, SEE DETAILS
 - SEDIMENT FENCE, SEE DETAIL
 - XXX.X PROPOSED ELEVATION
 - XXX PROPOSED CONTOUR LABEL
 - XXX PROPOSED GRADE
 - xxxx EXISTING CONTOUR LABEL
 - MAJOR STORM ROUTING

SITE GRADING PLAN

ADDITION & RENOVATIONS TO THE PLAINS ELEMENTARY SCHOOL
 90 CONNETT ROAD
 THE PLAINS, OH 45780

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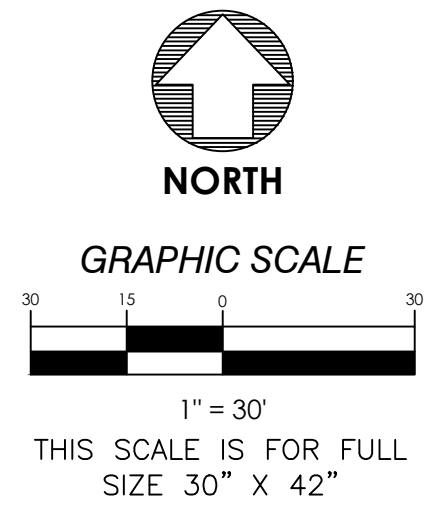
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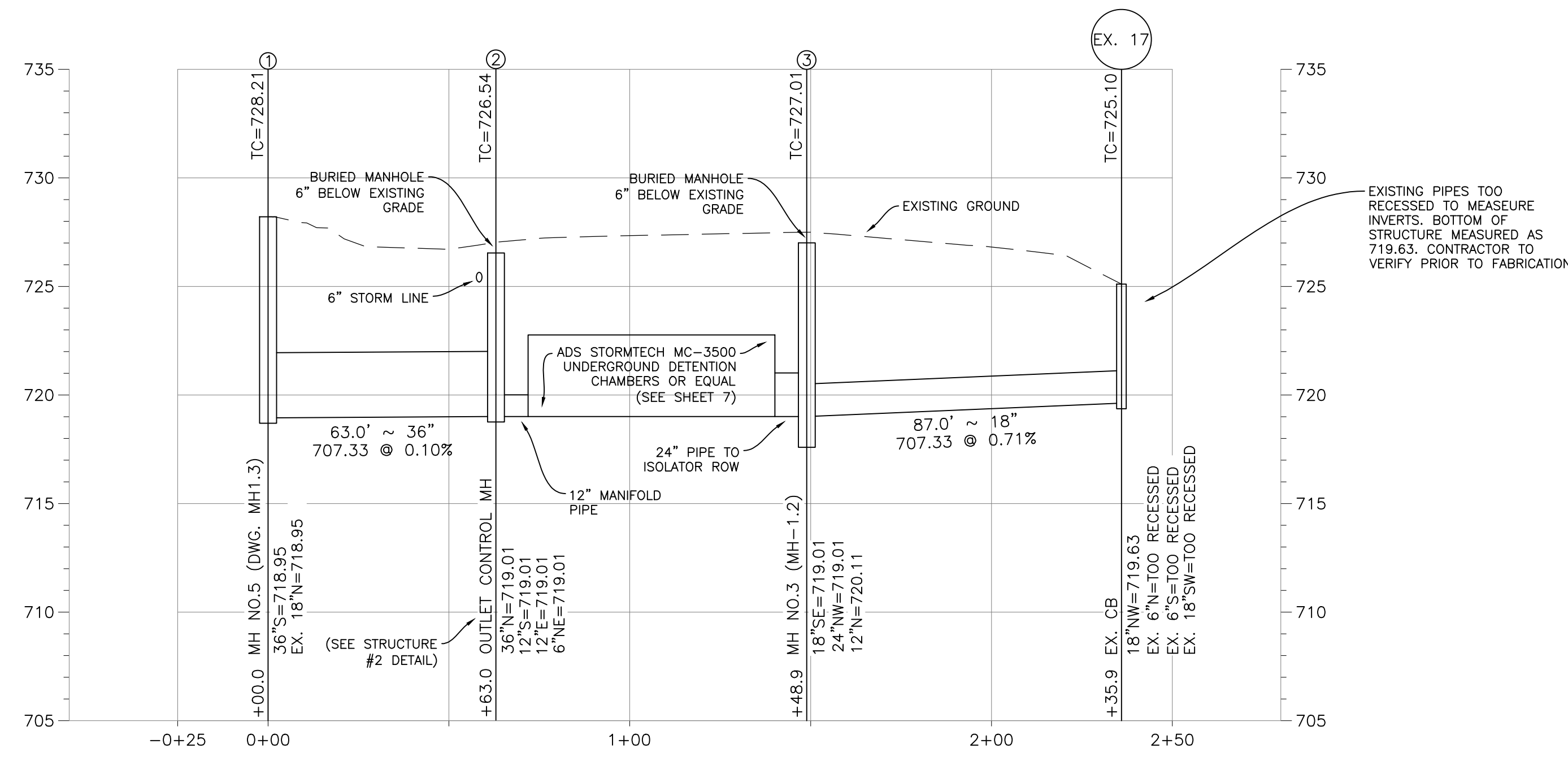
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SANDS DECKER
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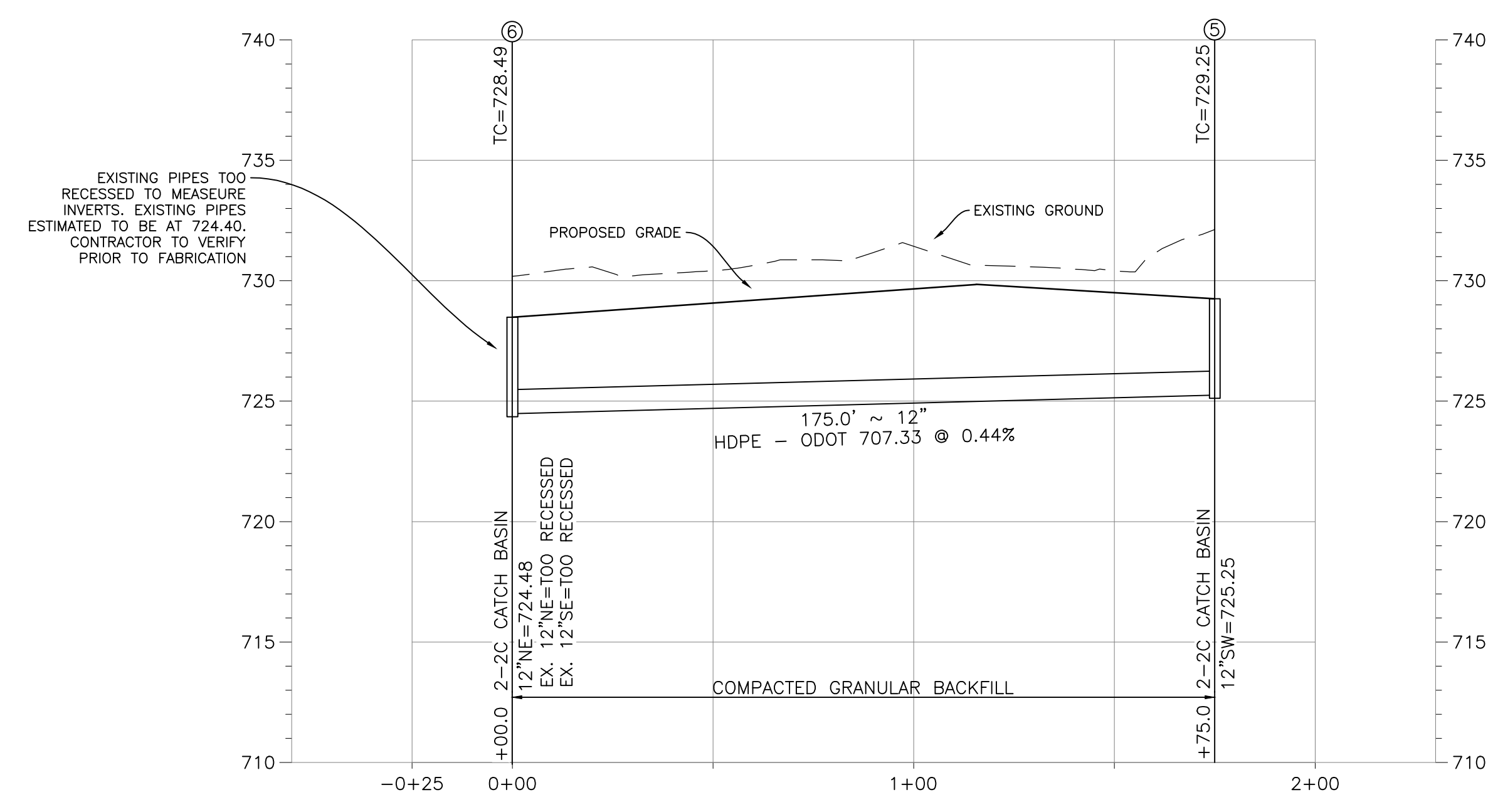
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**STRUCTURES EX.22 - EX.17
UNDERGROUND DETENTION
& STORM SEWER PROFILE**
HORIZ: 1"=30' VERT: 1"=5'

1

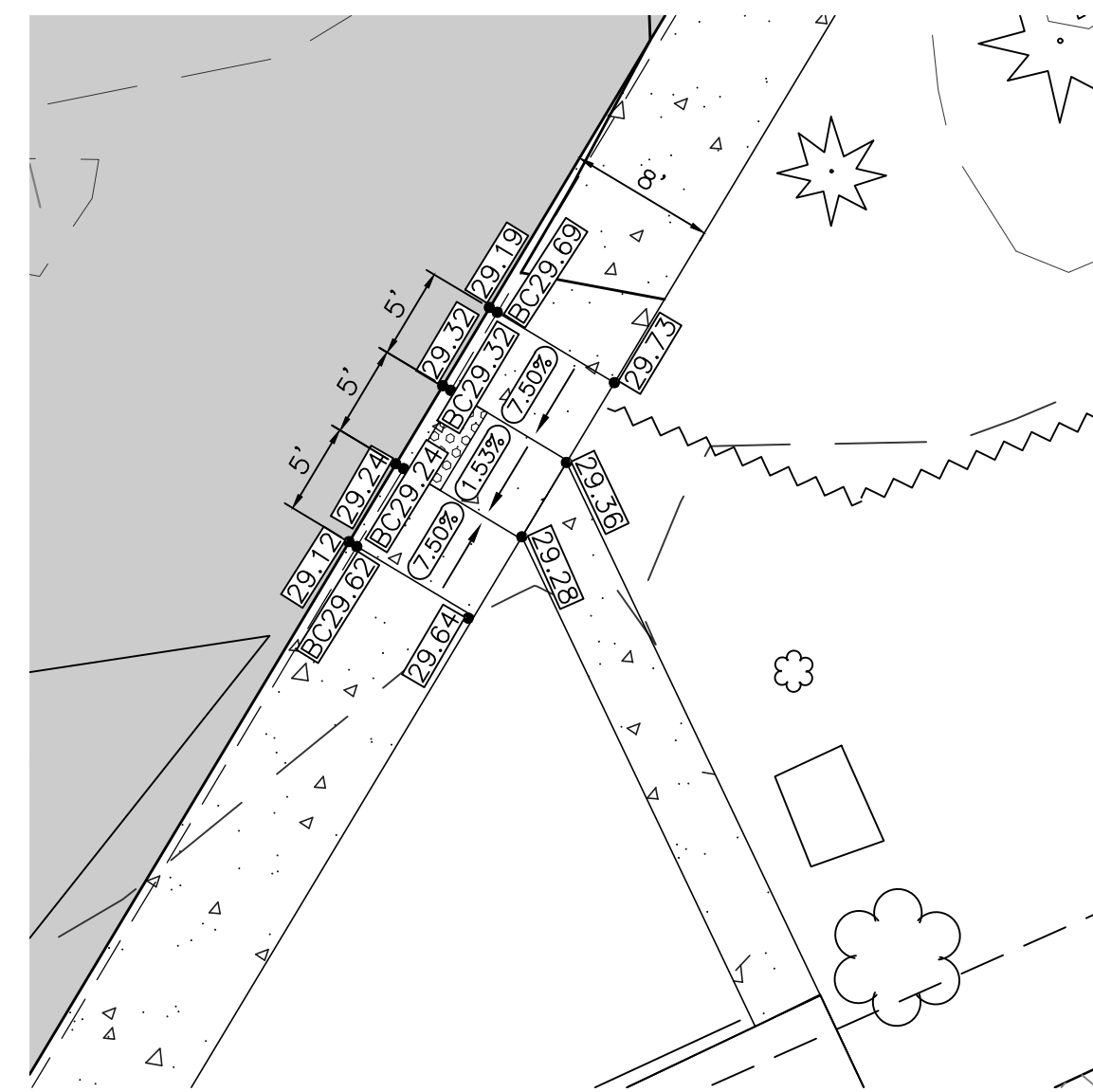


**STRUCTURES 5-6
STORM SEWER PROFILE**
HORIZ: 1"=30' VERT: 1"=5'

2

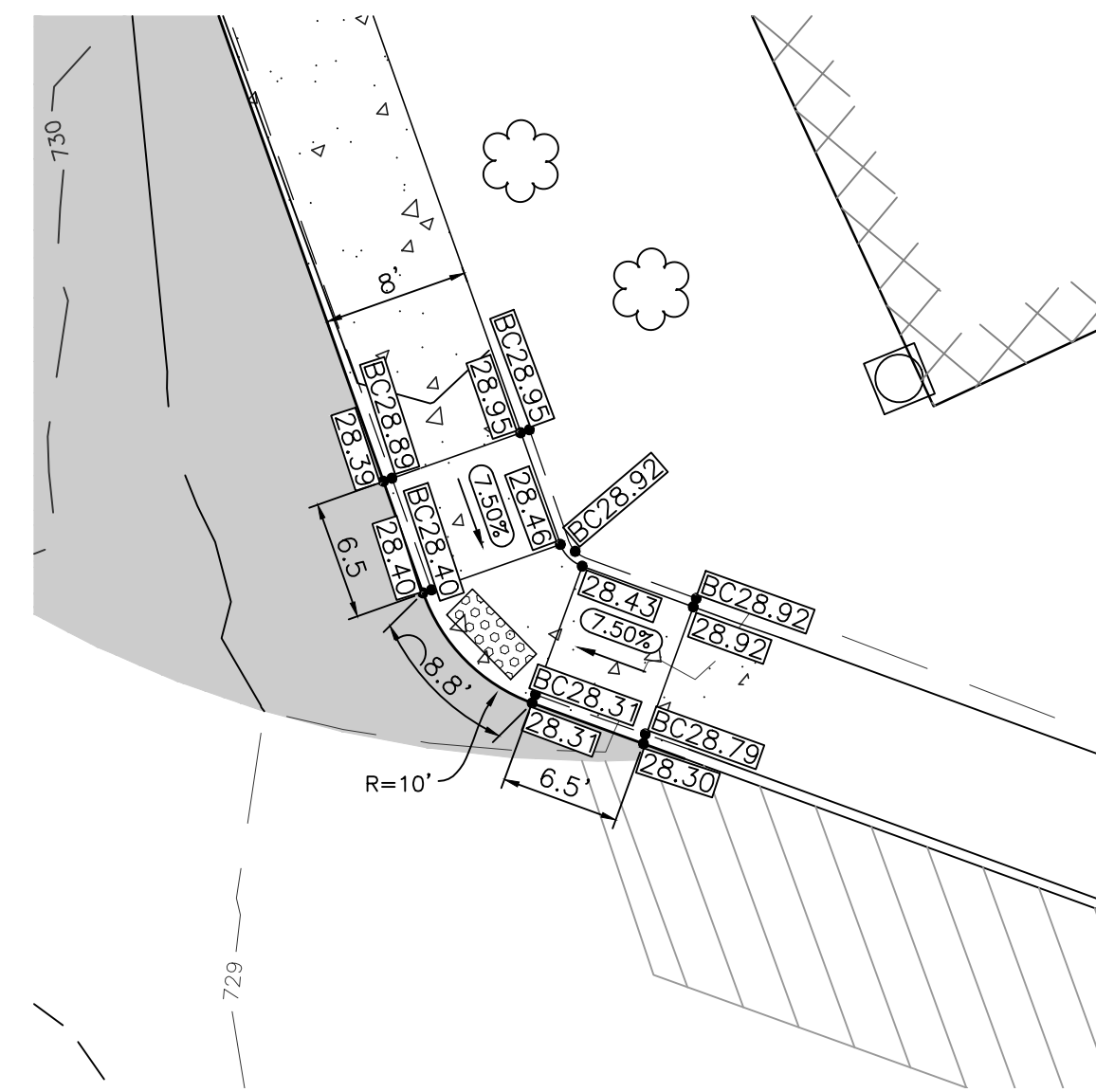
STRUCTURE	STORM STRUCTURE LOCATION			
	NORTHING	EASTING	AS-BUILT NORTHING	AS-BUILT EASTING
1	499651.66	2070257.78		
2	499592.50	2070236.12		
3	499516.24	2070275.74		
4	499404.48	2070279.95		
5	499737.00	2069691.97		
6	499590.83	2069595.74		

- NOTES:**
- A MINIMUM OF 18" VERTICAL CLEARANCE IS REQUIRED AT ALL UTILITY CROSSINGS.
 - THE DEPTHS OF CROSSING UNDERGROUND UTILITIES ARE APPROXIMATE AND WILL NEED TO BE VERIFIED IN THE FIELD BEFORE CONSTRUCTION. CONTRACTOR TO LOWER IN FIELD IF NEEDED. COORDINATE WORK WITH UTILITY OWNER.
 - CONTRACTOR SHALL FIELD VERIFY ELEVATIONS OF EXISTING STORM SEWERS TO PRIOR TO FABRICATION OR CONSTRUCTION.



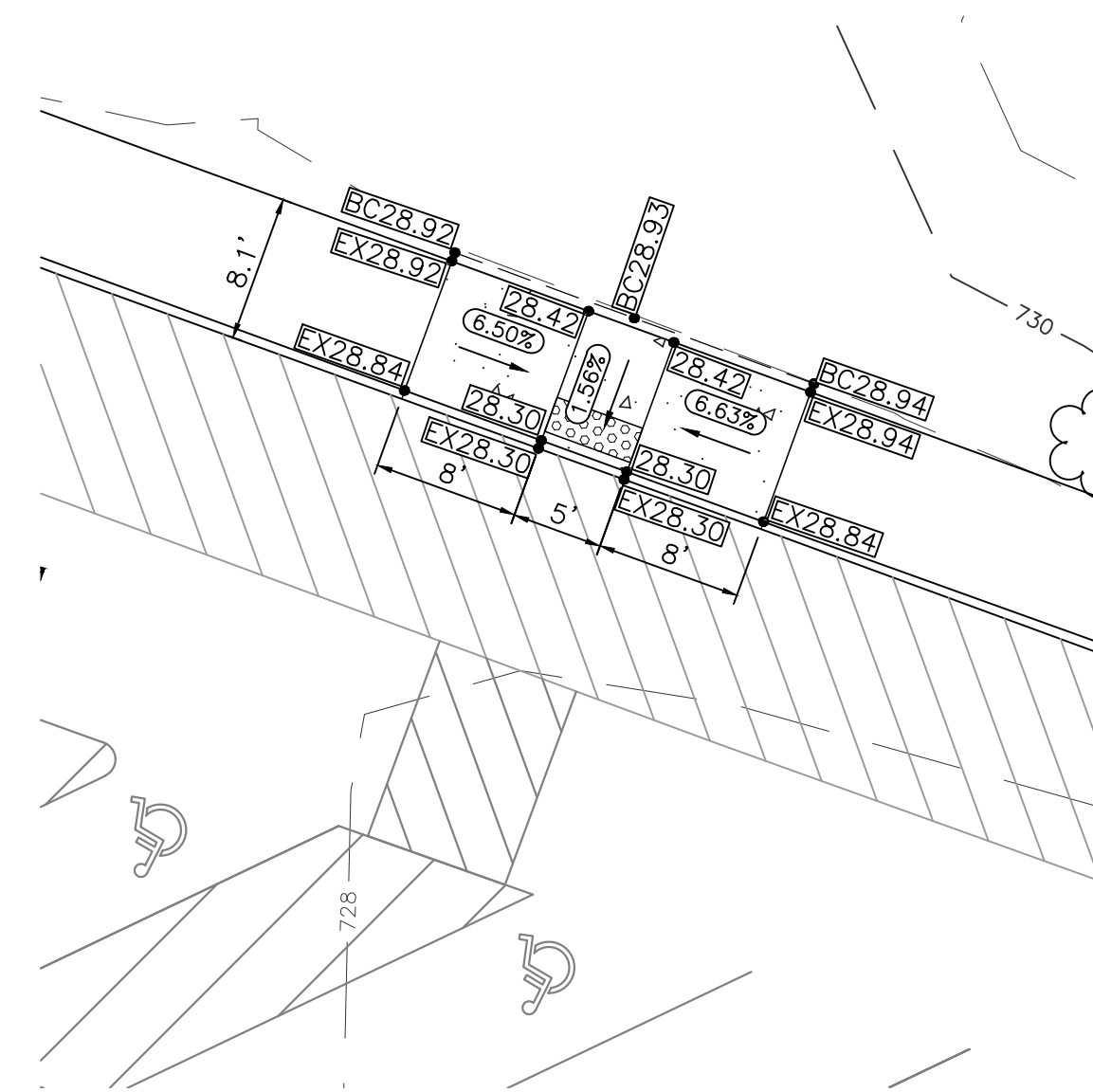
**WEST ADA RAMP
GRADING DETAILS**
1"=10' SCALE

3



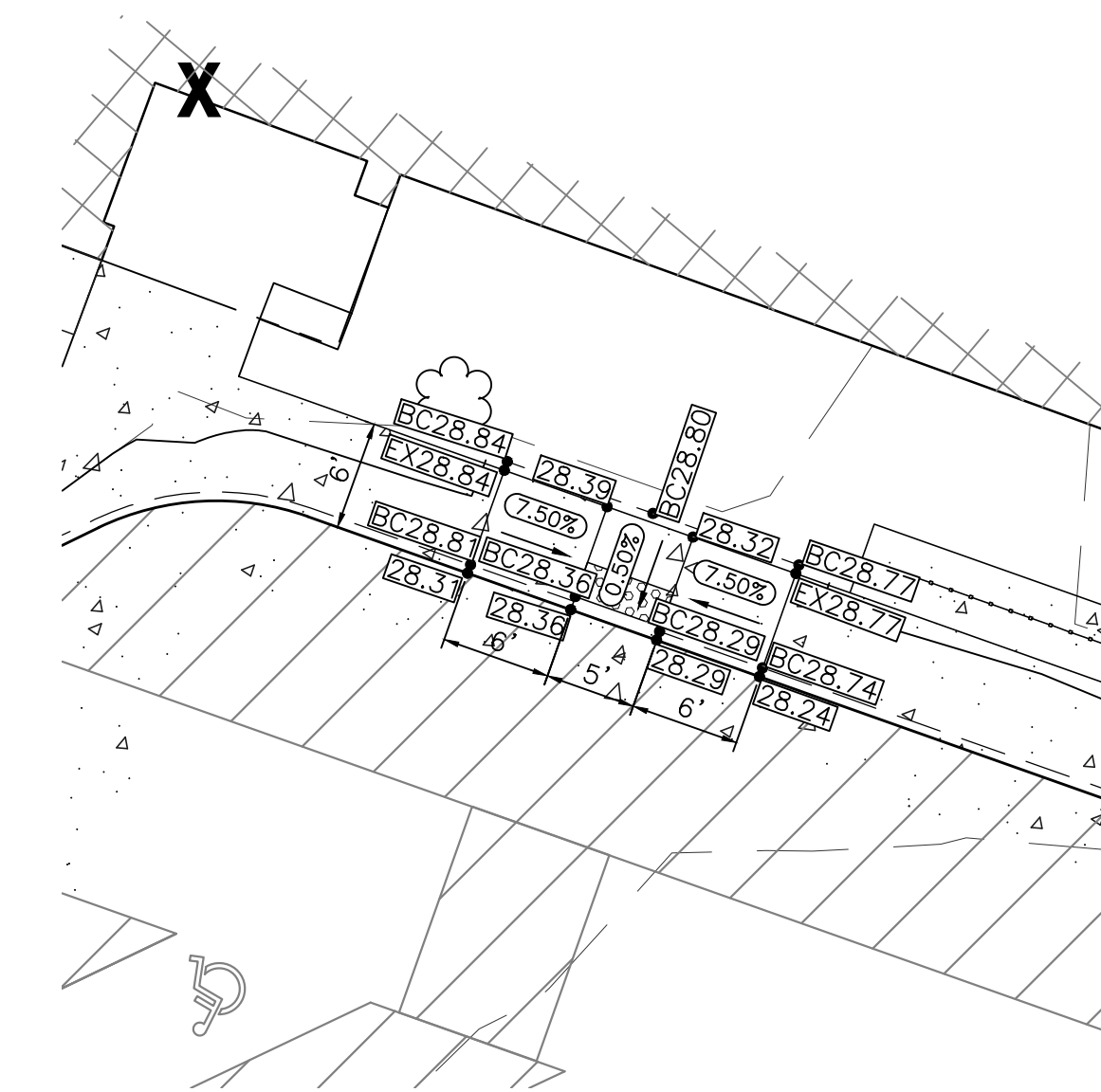
**SOUTHWEST ADA RAMP
GRADING DETAILS**
1"=10' SCALE

4



**SOUTH ADA RAMP/CURB CUT
GRADING DETAILS**
1"=10' SCALE

5



**SOUTHEAST ADA RAMP
GRADING DETAILS**
1"=10' SCALE

6

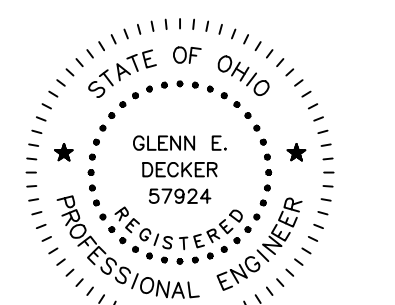
PROFILES & ADA RAMPS

**ADDITION & RENOVATIONS TO
THE PLAINS ELEMENTARY SCHOOL**
90 CONNETT ROAD
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SIGNED: *Glenn Decker* DATE: 2-23-2021



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TIMING OF SEDIMENT-TRAPPING PRACTICES: SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL THROUGHOUT ANY SITE DEMOLITION &/OR EARTH-DISTURBING ACTIVITY.

PERIMETER CONTROLS & OTHER PRACTICES INTENDED TO TRAP SEDIMENT SHALL BE IMPLEMENTED WITHIN 7 DAYS FROM THE START OF GRUBBING. THEY SHALL CONTINUE TO FUNCTION UNTIL THE UPSLOPE DEVELOPMENT AREA IS RESTABILIZED.

FOR DISTURBED AREAS THAT WILL LIE DORMANT FOR 1 YEAR OR MORE, PERMANENT EROSION CONTROLS SHALL BE APPLIED WITHIN 7 DAYS OF MOST RECENT DISTURBANCE.

FOR DISTURBED AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE & AT FINAL GRADE, PERMANENT EROSION CONTROLS SHALL BE APPLIED WITHIN 2 DAYS OF REACHING FINAL GRADE.

FOR ANY OTHER DISTURBED AREAS AT FINAL GRADE, PERMANENT EROSION CONTROLS SHALL BE APPLIED WITHIN 7 DAYS OF REACHING FINAL GRADE WITHIN THAT AREA.

FOR DISTURBED AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE & NOT AT FINAL GRADE, TEMPORARY EROSION CONTROLS SHALL BE APPLIED WITHIN 2 DAYS OF THE MOST RECENT DISTURBANCE IF THE AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS.

FOR ALL CONSTRUCTION ACTIVITIES, ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN 1 YEAR, & NOT WITHIN 50 FEET OF A SURFACE WATER OF THE STATE, TEMPORARY EROSION CONTROLS SHALL BE APPLIED WITHIN 7 DAYS OF THE MOST RECENT DISTURBANCE WITHIN THE AREA. FOR RESIDENTIAL SUBDIVISIONS, DISTURBED AREAS MUST BE STABILIZED AT LEAST 7 DAYS PRIOR TO TRANSFER OF PERMIT COVERAGE FOR THE INDIVIDUAL LOT(S).

FOR DISTURBED AREAS THAT WILL BE LEFT IDLE OVER WINTER, TEMPORARY EROSION CONTROLS SHALL BE APPLIED PRIOR TO ONSET OF WINTER WEATHER.

SEDIMENT CONTROL DEVICES SHALL BE IMPLEMENTED FOR ALL AREAS REMAINING DISTURBED FOR OVER 14 DAYS.

SEDIMENT BARRIERS: SHEET FLOW RUNOFF FROM DENUDED AREAS SHALL BE FILTERED OR DIVERTED TO A SETTLING FACILITY.

SEDIMENT BARRIERS SUCH AS SEDIMENT FENCE OR DIVERSIONS TO SETTLING FACILITIES SHALL PROTECT ADJACENT PROPERTIES & WATER RESOURCES FROM SEDIMENT TRANSPORTED BY SHEET FLOW.

TEMPORARY EROSION CONTROL FEATURES SHALL BE ACCEPTABLY MAINTAINED & SHALL BE REMOVED OR REPLACED WHEN DIRECTED BY THE ENGINEER AT NO COST TO THE OWNER. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS.

ALL CONCENTRATED WATER SOURCES SHALL DISCHARGE INTO A VIABLE SEDIMENT BASIN.

SEDIMENT BASINS SHALL BE CLEANED OUT ANY TIME ACCUMULATED STORAGE REACHES THE SEDIMENT VOLUME ELEVATION AS INDICATED IN THE SEDIMENT BASIN CHART.

ALL WATER SOURCES SHALL DISCHARGE IN A NON-EROSIVE MANNER.

ALL SOIL STOCKPILES SHALL BE PROTECTED FROM EROSION BY PERIMETER CONTROL DEVICES SUCH AS STRAW BALE DIKES OR SILT FENCES. THESE PERIMETER CONTROL DEVICES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.

PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL GROUND COVER IS ACHIEVED WHICH, IN THE OPINION OF THE ENGINEER, PROVIDES ADEQUATE COVER & IS MATURE ENOUGH TO CONTROL SOIL EROSION SATISFACTORILY & TO SURVIVE ADVERSE WEATHER CONDITIONS.

INSPECTION SCHEDULE:

1. DIVERSION SWALE & STRUCTURAL PROTECTION - INSPECT EVERY 15 DAYS OR AFTER EACH RAINSTORM PRODUCING RUNOFF. REPAIR AS REQUIRED.

2. INLET PROTECTION - INSPECT FOR SEDIMENT ACCUMULATION AFTER EACH RAINFALL & DAILY DURING CONTINUED RAINFALL. REPAIR OR REPLACE WHEN WATER FLOW IS RESTRICTED BY SEDIMENT.

3. VEGETATIVE PLANTING - INSPECT AFTER SPROUTING OCCURS & REPLANT BARE AREAS. INSPECT ESTABLISHED COVER EVERY 15 DAYS FOR DAMAGE. REPLANT AS REQUIRED. MAINTAIN ESTABLISHED COVER AT MAXIMUM 6" HEIGHT. IRRIGATE AS REQUIRED DURING DRY PERIODS TO MAINTAIN LIVE VEGETATION.

NON-SEDIMENT POLLUTANT CONTROLS: HAZARDOUS/TOXIC WASTES SHALL NOT BE DISPOSED OF ON-SITE OR DUMPED INTO SEWERS, DRAINS OR CATCH BASINS. ANY HAZARDOUS/TOXIC WASTE SHALL BE DISPOSED OF OFF-SITE AT AN APPROVED LOCATION &/OR TAKEN TO AN APPROVED RECYCLING CENTER.

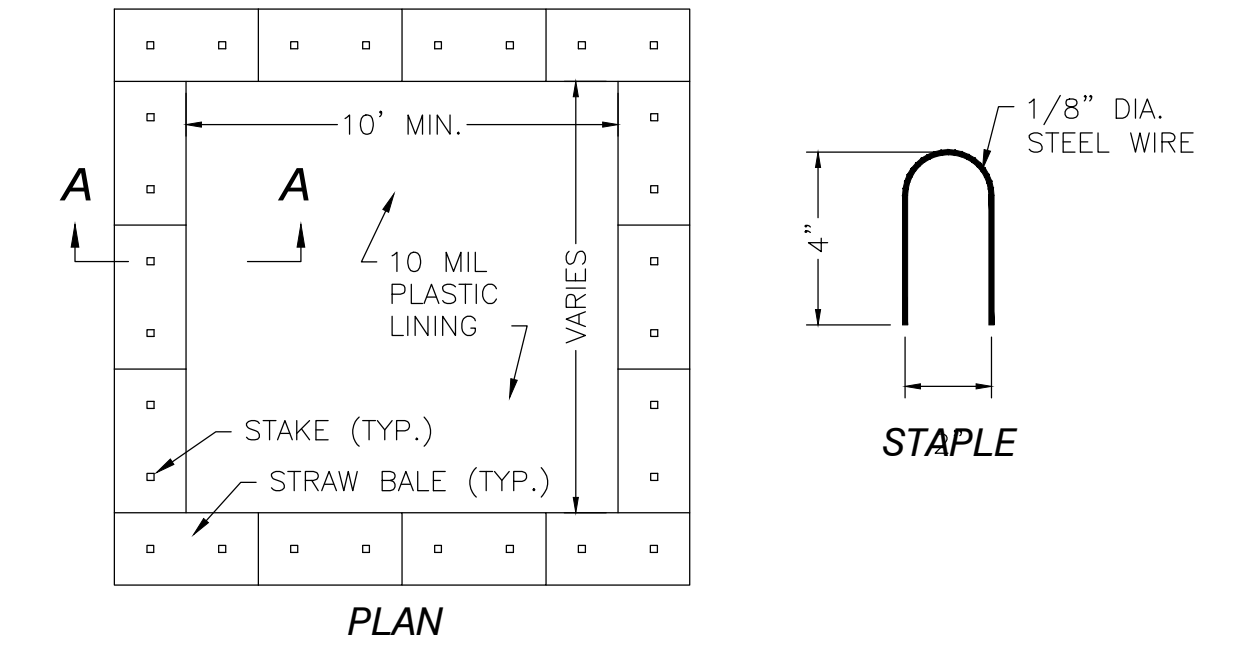
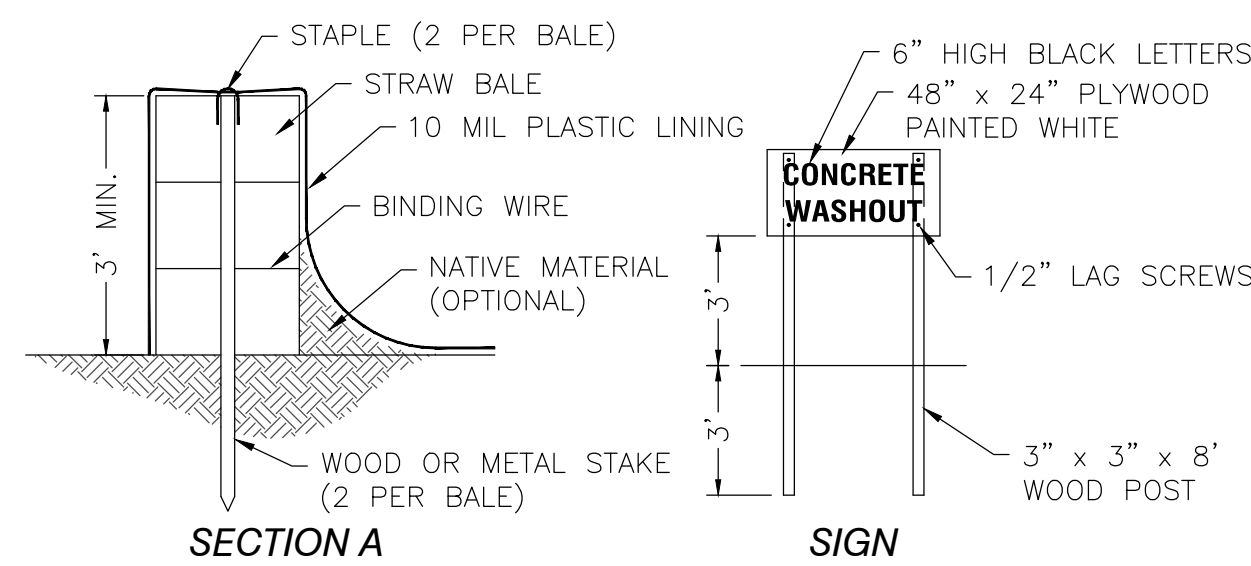
CONSTRUCTION SEQUENCE:

1. THE CONTRACTOR SHALL ESTABLISH A STABILIZED CONSTRUCTION ENTRANCE.
2. THE CONTRACTOR SHALL PLACE THE REQUIRED SEDIMENT FENCE & OTHER CONTROLS PRIOR TO DENUDED.
3. THE CONTRACTOR SHALL EXCAVATE THE DETENTION BASINS & DIVERSIONARY SWALES AS NEEDED FOR TEMPORARY SEDIMENT SETTLING & INSTALL DE-WATERING SKIMMERS.
4. THE CONTRACTOR SHALL PERFORM SITE EARTHWORK OPERATIONS IN ACCORDANCE WITH THE PLAN DETAILS & NOTES. THE CONTRACTOR SHALL APPLY WATER OR DUST PALLIATIVE ON DISTURBED AREAS DURING CONSTRUCTION TO ALLEVIATE OR PREVENT DUST NUISANCE PER ITEM 616. DUST PALLIATIVE SHALL CONSIST OF CALCIUM CHLORIDE MEETING THE REQUIREMENTS OF SECTION 712.02. THE WATER OR CALCIUM CHLORIDE SHALL BE SPREAD UNIFORMLY OVER THE SURFACE OF THE DISTURBED AREAS.
5. EXPOSED SLOPES SHALL BE STABILIZED AS SOON AS THEY ARE CONSTRUCTED.
6. THE CONTRACTOR SHALL PLACE SEEDING & MULCHING AS NECESSARY TO STABILIZE ALL DENUDED AREAS. ALL DENUDED AREAS SHALL HAVE SOIL STABILIZATION, EITHER TEMPORARY OR PERMANENT, ACCORDING TO THE GENERAL PERMIT & THE NOTES ON THIS SHEET.
7. THE CONTRACTOR SHALL REMOVE & DISPOSE OF THE EROSION CONTROL DEVICES ONLY AFTER ALL AREAS HAVE ESTABLISHED VEGETATIVE COVER.
8. AFTER REMOVAL OF EROSION CONTROL DEVICES, THE CONTRACTOR SHALL CLEAN INLETS & STORM PIPES OF ANY/ALL SEDIMENT INCURRED DURING CONSTRUCTION.

AS CO-PERMITTEE, THE CONTRACTOR OR HIS/HER AGENT SHALL MAKE REGULAR INSPECTIONS OF ALL CONTROL MEASURES IN ACCORDANCE WITH THE INSPECTION SCHEDULE OUTLINED ON THE APPROVED EROSION & SEDIMENT CONTROL PLAN(S). THE PURPOSE OF SUCH INSPECTIONS WILL BE TO DETERMINE THE OVERALL EFFECTIVENESS OF THE CONTROL PLAN & THE NEED FOR ADDITIONAL CONTROL MEASURES. ALL INSPECTIONS SHALL BE DOCUMENTED IN WRITTEN FORM.

AN OEPA NOTICE OF INTENT (NOI) SHALL BE FILED WITH THE OEPA & A COPY OF THE APPROVAL KEPT ON-SITE. PROVISIONS OF THE SWP'S & GENERAL PERMIT SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT. NO CONSTRUCTION WORK SHALL BEGIN WITHOUT AN APPROVED & CURRENT OHIO EPA NOTICE OF INTENT (NOI).

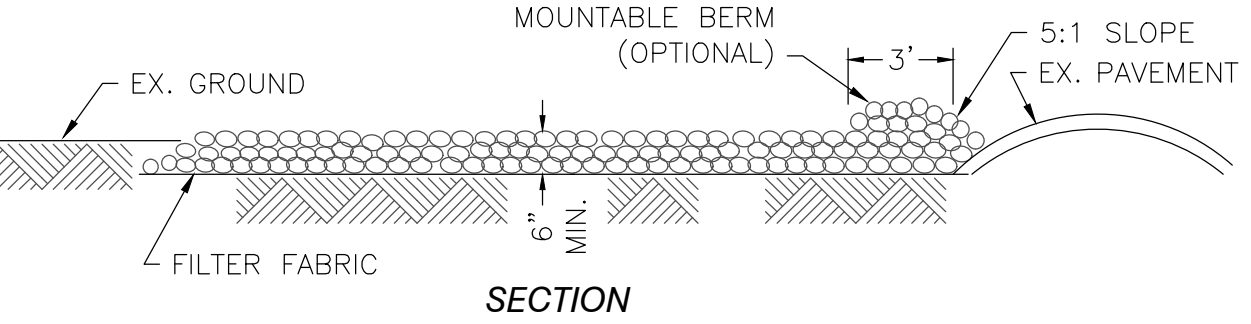
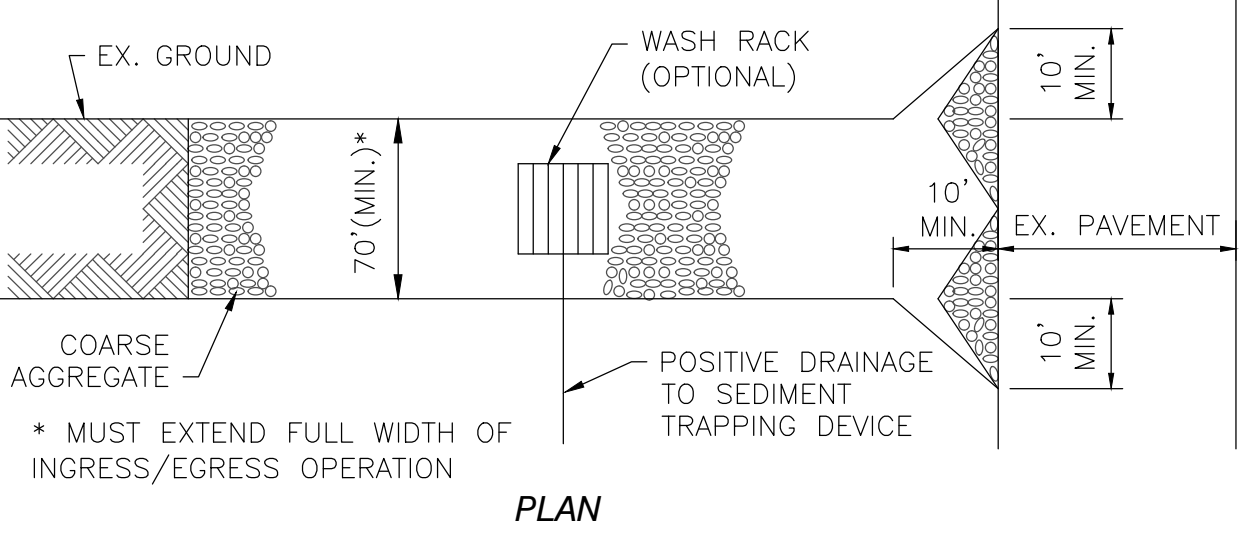
ALL CONSTRUCTION & DEMOLITION DEBRIS WASTE SHALL BE RECYCLED OR DISPOSED OF IN AN OHIO EPA APPROVED CONSTRUCTION & DEMOLITION DEBRIS LANDFILL AS REQUIRED BY OHIO REVISED CODE 3714.



NOTES:

- ACTUAL LOCATION & LAYOUT SHALL BE DETERMINED IN THE FIELD.
- PIT CAN BE DUG INTO THE GROUND OR FORMED ABOVE GRADE.
- PLASTIC LINING SHALL BE MAINTAINED FREE OF TEARS OR HOLES.
- AFTER THE PIT IS USED & WASHWATER HAS EVAPORATED OR BEEN VACUUMED OFF, THE REMAINING HARDENED SOLIDS CAN BE BROKEN UP & REMOVED FROM THE PIT.
- IF DAMAGE OCCURS TO THE STRAW BALES OR PLASTIC LINING DURING THE REMOVAL OF SOLIDS, THE PIT SHALL BE REPAIRED & RELINED WITH NEW PLASTIC TO ACHIEVE A LEAK-PROOF SYSTEM.
- A PRE-FABRICATED PORTABLE VINYL WASHOUT CONTAINER WITH FILTER BAG OR METAL WASHOUT CONTAINER SERVICE MAY BE USED AS SUBSTITUTES FOR THE STRAW BALE & PLASTIC LINER PIT.

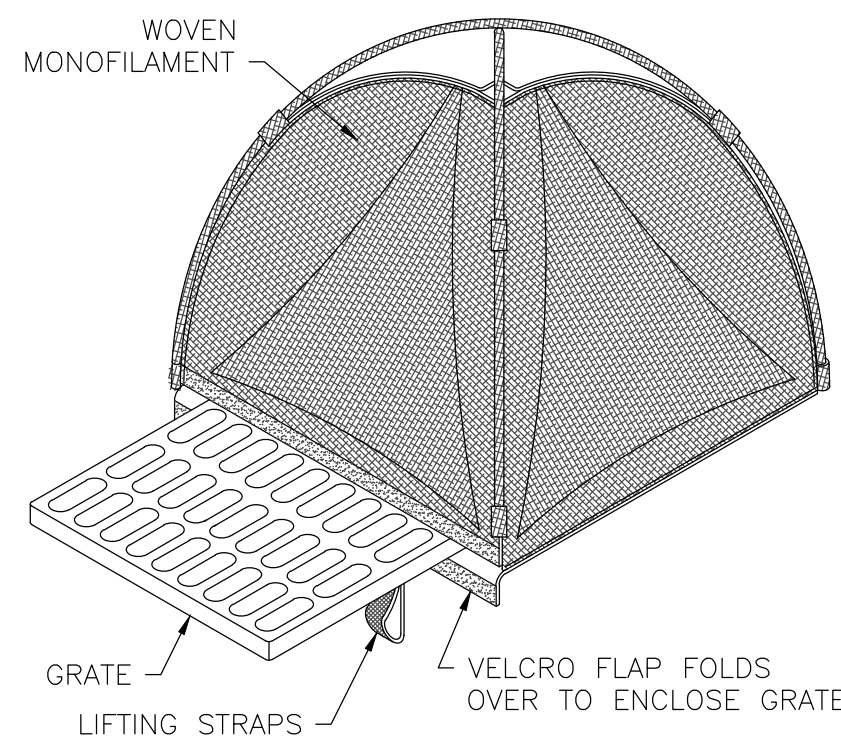
CONCRETE WASHOUT AREA
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS:

1. STONE SIZE - 2" STONE OR RECLAIMED/RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - 70' MIN (30' FOR INDIVIDUAL LOTS).
3. THICKNESS - NOT LESS THAN 6".
4. WIDTH - 14' MIN. BUT NOT LESS THAN FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. FILTER CLOTH - TO BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES IS PERMITTED.
7. MAINTENANCE - ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND & REPAIR &/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE.
9. PERIODIC INSPECTION & NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

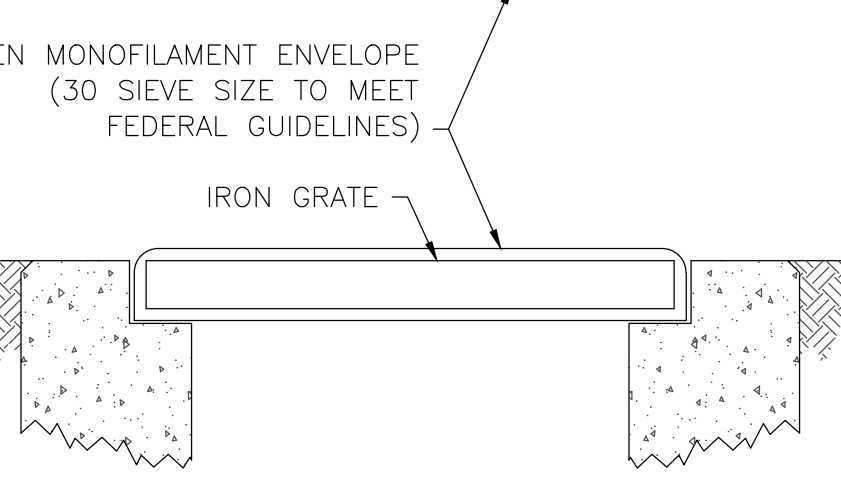
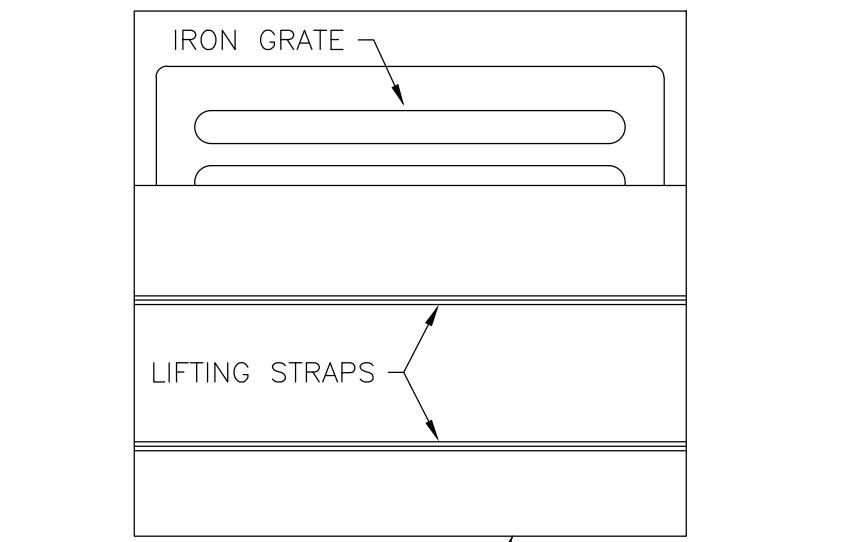
STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



INSTALLATION: OPEN UNIT NEAR THE INLET. IF USING OPTIONAL OIL ABSORBENTS, PLACE ABSORBENT PILLLOW ON BOTTOM (BELOW-GRADE SIDE) OF UNIT. REMOVE GRATE FROM FRAME & PLACE INTO UNIT. PULL UP SLACK & SEAL TO ENCLOSE GRATE. HOLDING LIFTING STRAPS, INSERT GRATE INTO INLET MAKING SURE THAT GRATE SEATS COMPLETELY IN FRAME.

MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT & DEBRIS FROM PANELS, SURFACE & VICINITY OF UNIT AFTER EACH RAIN EVENT. REMOVE SEDIMENT THAT HAS ACCUMULATED WITHIN CONTAINMENT AREA OF UNIT AS NEEDED. IF USING OPTIONAL OIL ABSORBENTS, REMOVE & REPLACE ABSORBENT PILLLOW WHEN NEAR SATURATION.

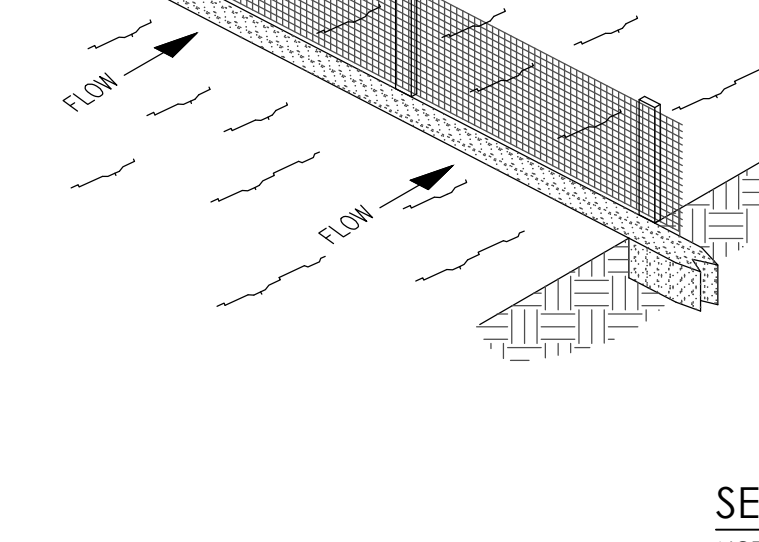
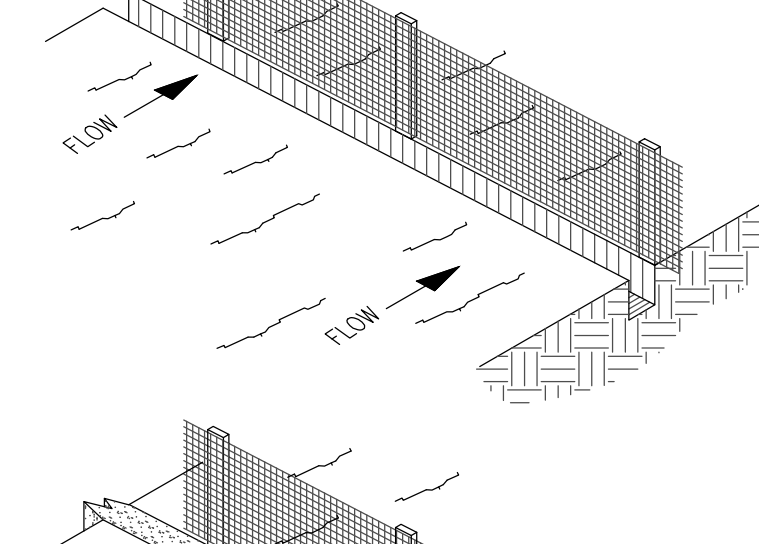
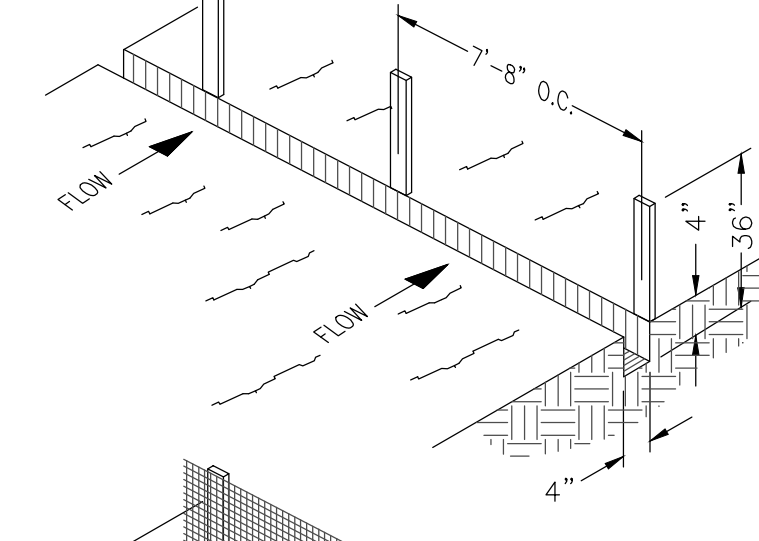
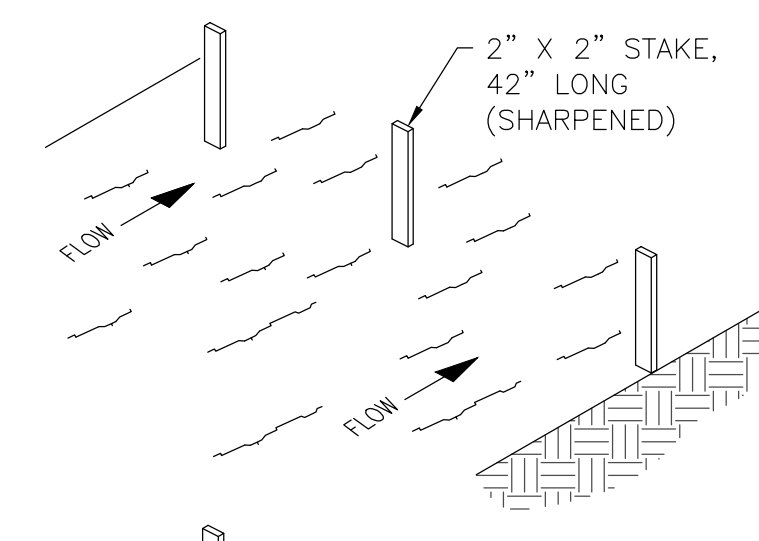
INLET PROTECTION (LAWN AREAS)
NOT TO SCALE



TO INSPECT CATCH BASIN: REMOVE UNIT WITH GRATE INSIDE. INSPECT BASIN AND REPLACE UNIT.

MAINTENANCE: REMOVE DRIED SEDIMENT FROM SURFACE OF UNIT AS NEEDED WITH STIFF BROOM OR SQUARE SHOVEL. REMOVE FINE MATERIAL FROM INSIDE ENVELOPE AS NEEDED.

INLET PROTECTION (PAVEMENT AREAS)
NOT TO SCALE



SILT FENCE: THIS BARRIER UTILIZES STANDARD STRENGTH OR EXTRA STRENGTH SYNTHETIC FILTER FABRIC & IS DESIGNED FOR SITUATIONS IN WHICH ONLY SHEET OR OVERLAND FLOWS ARE EXPECTED.

1. HEIGHT OF BARRIER SHALL NOT EXCEED 36". HIGHER BARRIERS MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE STRUCTURE FAILURE.
2. FILTER FABRIC SHALL BE FROM A CONTINUOUS ROLL & CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FABRIC SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6" OVERLAP, & SECURELY SEALED.
3. POSTS SHALL BE SPACED AT 10' (MAX.) APART & DRIVEN SECURELY INTO THE GROUND 12" (MIN.). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT WIRE MESH SUPPORT, POST SPACING SHALL NOT EXCEED 6".
4. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4" WIDE & 4" DEEP ALONG THE LINE OF POSTS & UP-SLOPE FROM THE BARRIER.
5. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT SHALL BE FASTENED SECURELY TO THE UP-SLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1' LONG. TIE WIRES OR HOG RINGS. WIRE MESH SHALL EXTEND INTO THE TRENCH 2" (MIN.) & SHALL NOT EXTEND MORE THAN 36" ABOVE THE ORIGINAL GROUND SURFACE.
6. STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE MESH & 8" OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. FABRIC SHALL NOT EXTEND MORE THAN 36" ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
7. WHEN EXTRA STRENGTH FILTER FABRIC & CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT MAY BE ELIMINATED. IN SUCH CASE, FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO POSTS WITH ALL OTHER PROVISIONS OF ITEM NO. 6 APPLYING.
8. THE TRENCH SHALL BE BACKFILLED & SOIL COMPACTED OVER THE FILTER FABRIC.
9. SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UP-SLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

MAINTENANCE:

INSPECT IMMEDIATELY AFTER EACH RAINFALL, & AT LEAST DAILY DURING PROLONGED RAINFALL. REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

SHOULD THE FILTER FABRIC DECOMPOSE OR BECOME INEFFECTIVE WHILE THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY HALF THE HEIGHT OF THE BARRIER.

ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO EXISTING GRADE, PREPARED & SEEDED.

DESIGN CAPACITY CHART:

MAX. DRAINAGE AREA PER 100 LF OF BARRIER	RANGE OF SLOPE PER DRAINAGE AREA
0.5 AC.	<2%
0.25 AC.	≥2% BUT <20%
0.125 AC.	≥20% BUT <50%

SEDIMENT FENCE
NOT TO SCALE

STORM WATER POLLUTION PREVENTION NOTES & DETAILS

ADDITION & RENOVATIONS TO THE PLAINS ELEMENTARY SCHOOL
90 CONNETT ROAD
THE PLAINS, OH 45780

PREPARED FOR:
ATHENS CITY SCHOOL DISTRICT
PO BOX 9 (21 BIRGE DRIVE)
CHAUNCEY, OH 45719

schorr architects inc. 230 Bradenton Ave. Dublin, OH 43017 (614)798-2096

SD 03/06/2020	
DD 09/29/2020	
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COMM. NO.: 1905	

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Know what's below. Call before you dig.

SANDS DECKER ENGINEERS & SURVEYORS

128 East Main Street
Logan, Ohio 43138
740-385-2140

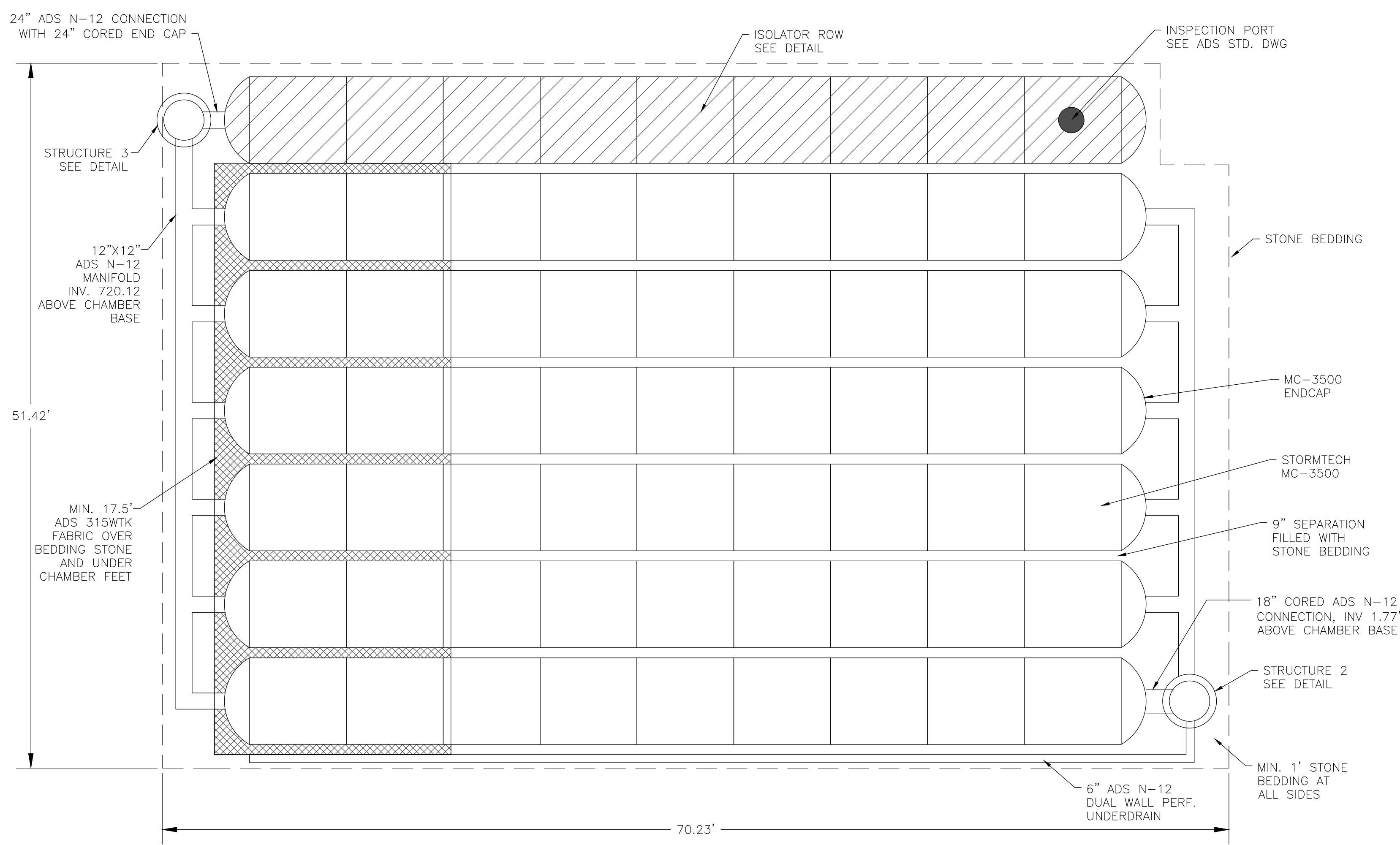
1495 Old Henderson Road
Columbus, Ohio 43220
614-459-6992

507 Main Street
Zanesville, Ohio 43701
740-450-1640

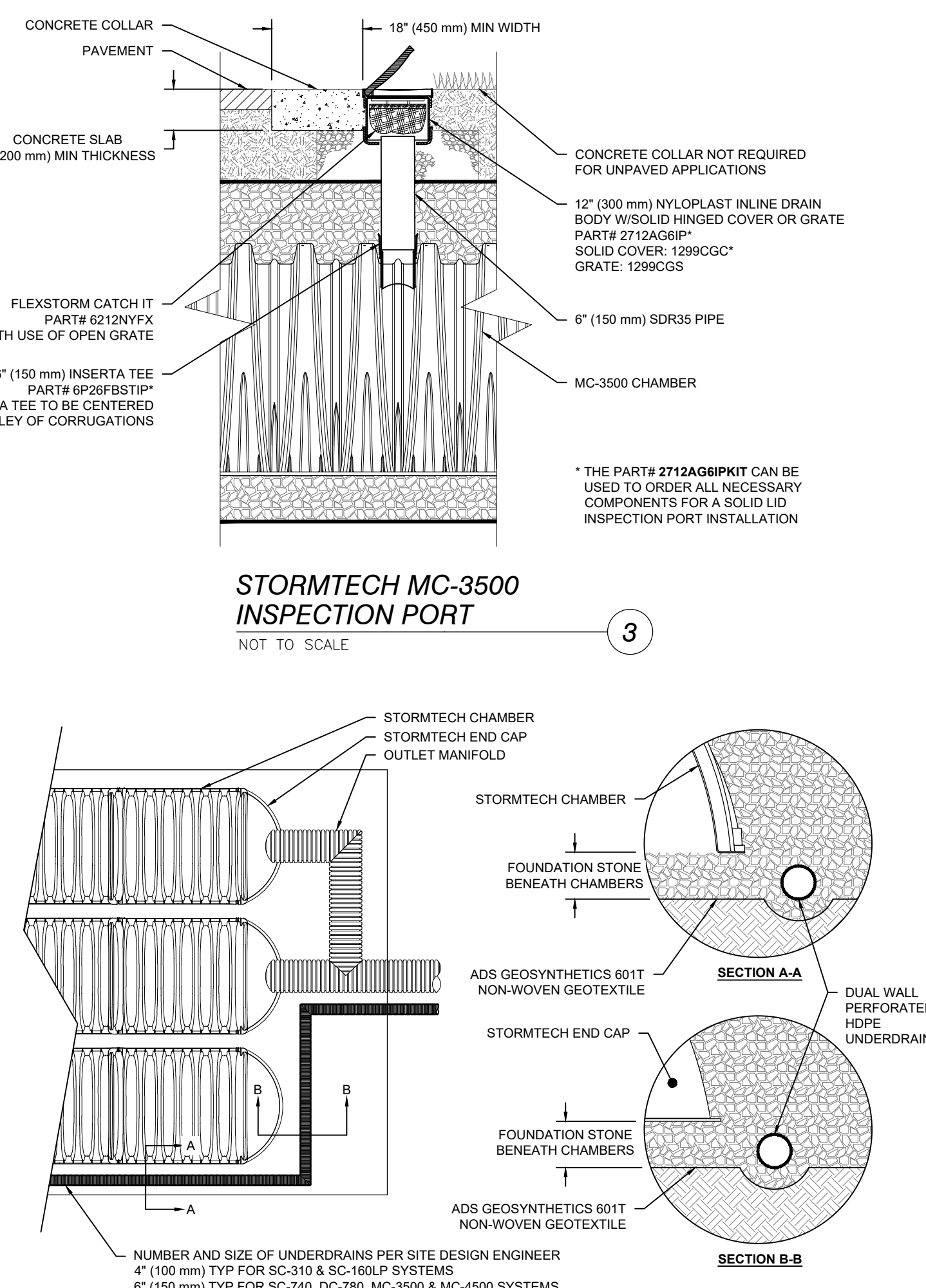
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STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEER
GLENN E. DECKER
57924

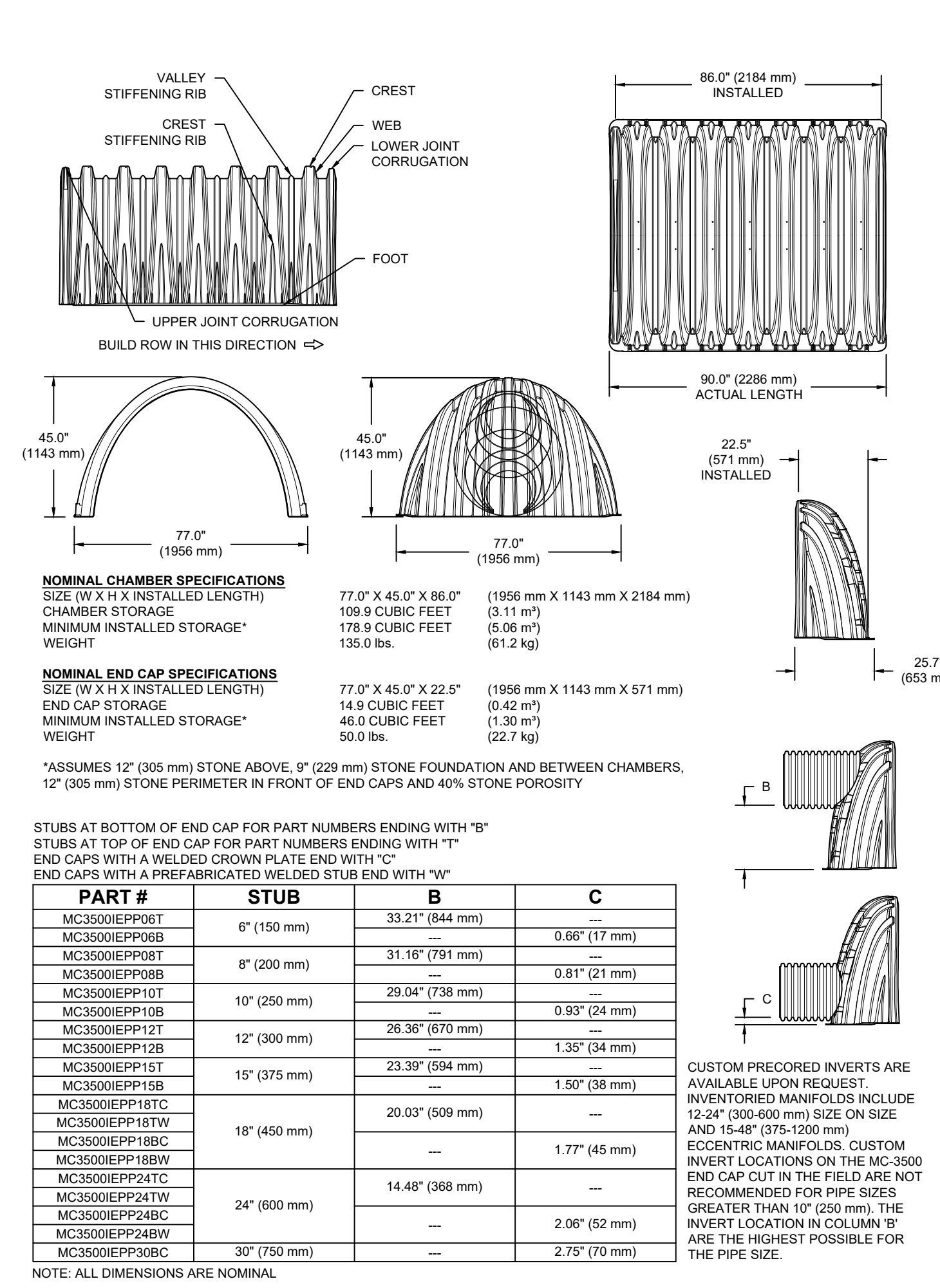
SIGNED: [Signature] 2-23-2021 DATE



STORMTECH MC-3500 CHAMBER/STONE LAYOUT
NOT TO SCALE



STORMTECH MC-3500 UNDERDRAIN DETAIL
NOT TO SCALE



STORMTECH MC-3500 TECHNICAL SPECS
NOT TO SCALE

STORMTECH CHAMBER SPECIFICATIONS

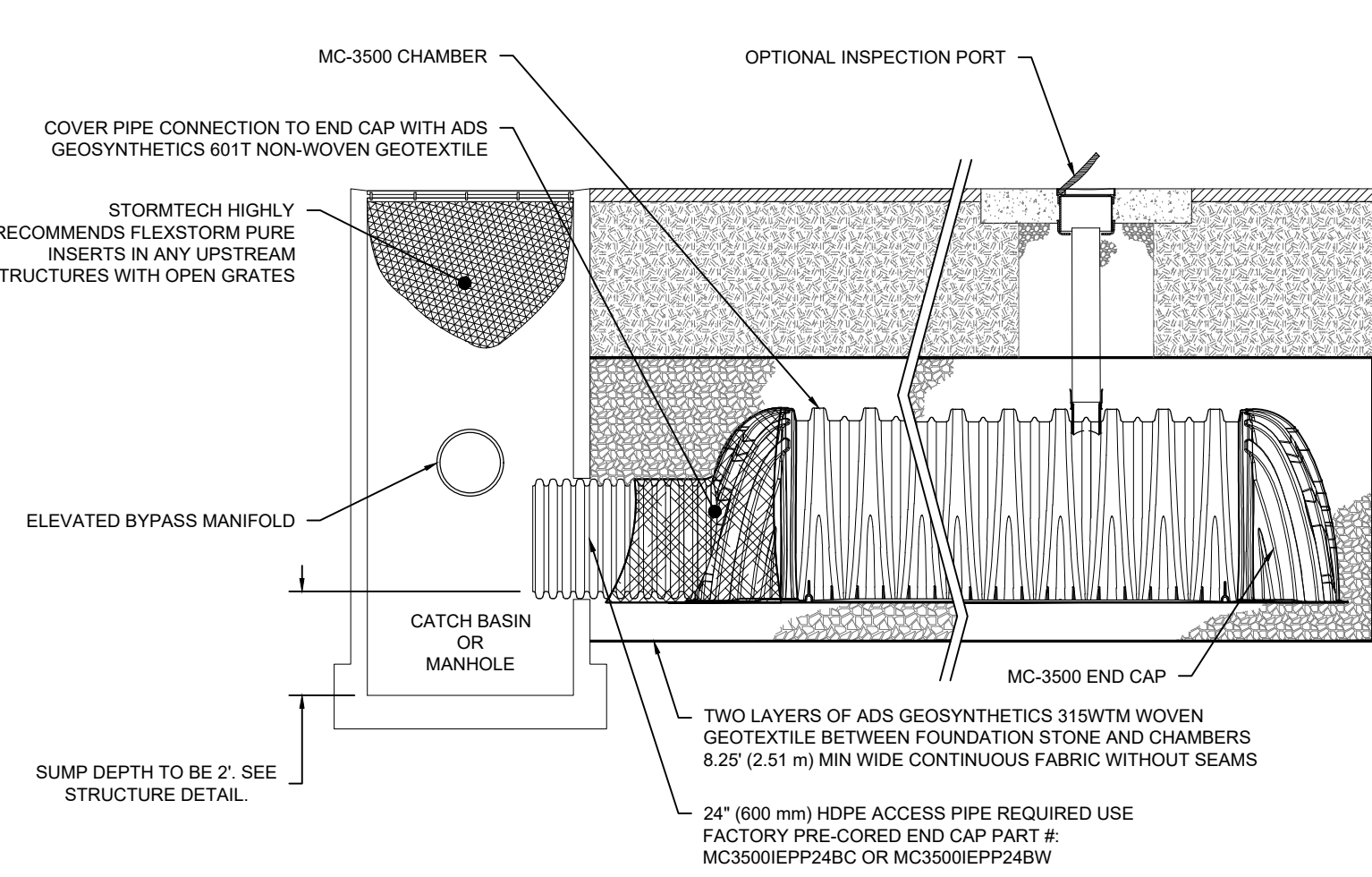
- CHAMBERS SHALL BE STORMTECH MC-3500.
- CHAMBERS SHALL BE MADE FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
- CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORT PANELS THAT WOULD IMPIDE FLOW OR LIMIT ACCESS FOR INSPECTION.
- THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO L105 BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- CHAMBERS SHALL BE DESIGNED AND ALLOWABLE LOADS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. THE CHAMBER MANUFACTURER SHALL SUBMIT THE FOLLOWING UPON REQUEST TO THE SITE DESIGN ENGINEER FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE:
 - A STRUCTURAL EVALUATION SEALED BY A REGISTERED PROFESSIONAL ENGINEER THAT DEMONSTRATES THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY AASHTO FOR THERMOPLASTIC PIPE.
 - A STRUCTURAL EVALUATION SEALED BY A REGISTERED PROFESSIONAL ENGINEER THAT DEMONSTRATES THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO L105 BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET. THE 50 YEAR CREEP MODULUS DATA SPECIFIED IN ASTM F2418 MUST BE USED AS PART OF THE AASHTO STRUCTURAL EVALUATION TO VERIFY LONG-TERM PERFORMANCE.
 - STRUCTURAL CROSS SECTION DETAIL ON WHICH THE STRUCTURAL EVALUATION IS BASED.
 - CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF MC-3500 CHAMBER SYSTEM

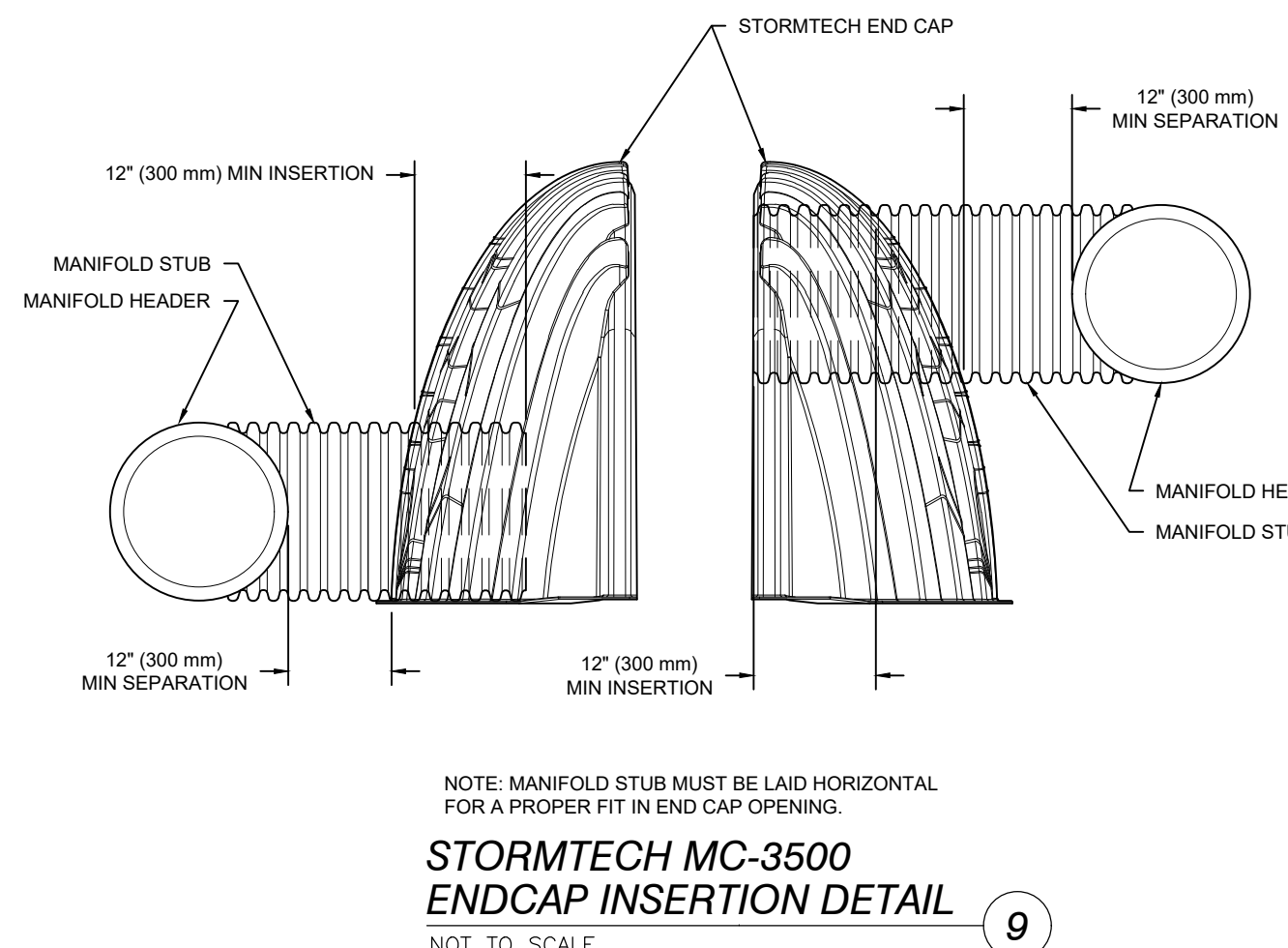
- STORMTECH MC-3500 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
- STORMTECH MC-3500 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-3500/MC-4500 CONSTRUCTION GUIDE".
- CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS. STORMTECH RECOMMENDS 3 BACKFILL METHODS:
 - STONEBEDDING LOCATED OFF THE CHAMBER BED.
 - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
 - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
- THE FOUNDATION STONE SHALL BE LEVELLED AND COMPACTED PRIOR TO PLACING CHAMBERS.
- JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
- MAINTAIN MINIMUM 9" (230 mm) SPACING BETWEEN THE CHAMBER ROWS.
- INLET AND OUTLET MANIFOLDS MUST BE INSERTED A MINIMUM OF 12" (300 mm) INTO CHAMBER END CAPS.
- EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE MEETING THE AASHTO M33 DESIGNATION OF #3 OR #4.
- STONE MUST BE PLACED ON THE TOP CENTER OF THE CHAMBER TO ANCHOR THE CHAMBERS IN PLACE AND PRESERVE ROW SPACING.
- THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
- ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

NOTES FOR CONSTRUCTION EQUIPMENT

- STORMTECH MC-3500 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-3500/MC-4500 CONSTRUCTION GUIDE".
 - THE USE OF EQUIPMENT OVER MC-3500 CHAMBERS IS LIMITED:
 - NO EQUIPMENT IS ALLOWED ON THE CHAMBERS.
 - NO RUBBER TRED LOADERS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH MC-3500/MC-4500 CONSTRUCTION GUIDE".
 - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH MC-3500/MC-4500 CONSTRUCTION GUIDE".
 - FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.
- USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY USING THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.
- CONTACT STORMTECH AT 1-888-892-2894 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.



STORMTECH MC-3500 ISOLATOR ROW DETAIL
NOT TO SCALE



STORMTECH MC-3500 ENDCAP INSERTION DETAIL
NOT TO SCALE

INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT
- REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
 - REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
 - USING A FLASHLIGHT AND STADA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - LOWER CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
 - IF SEDIMENT IS AT OR ABOVE 3" (80 mm) PROCEED TO STEP 2; IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR ROWS
- REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW
 - USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE
 - MIRRORS OR POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
 - FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
 - IF SEDIMENT IS AT OR ABOVE 3" (80 mm) PROCEED TO STEP 2; IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW USING THE JET/VAC PROCESS
- A FIXED CURB VERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
 - APPLY MULTIPLE PASSES OF JET/VAC UNTIL BACKFLOW WATER IS CLEAN
 - VACUUM STRUCTURE SLUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS. RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

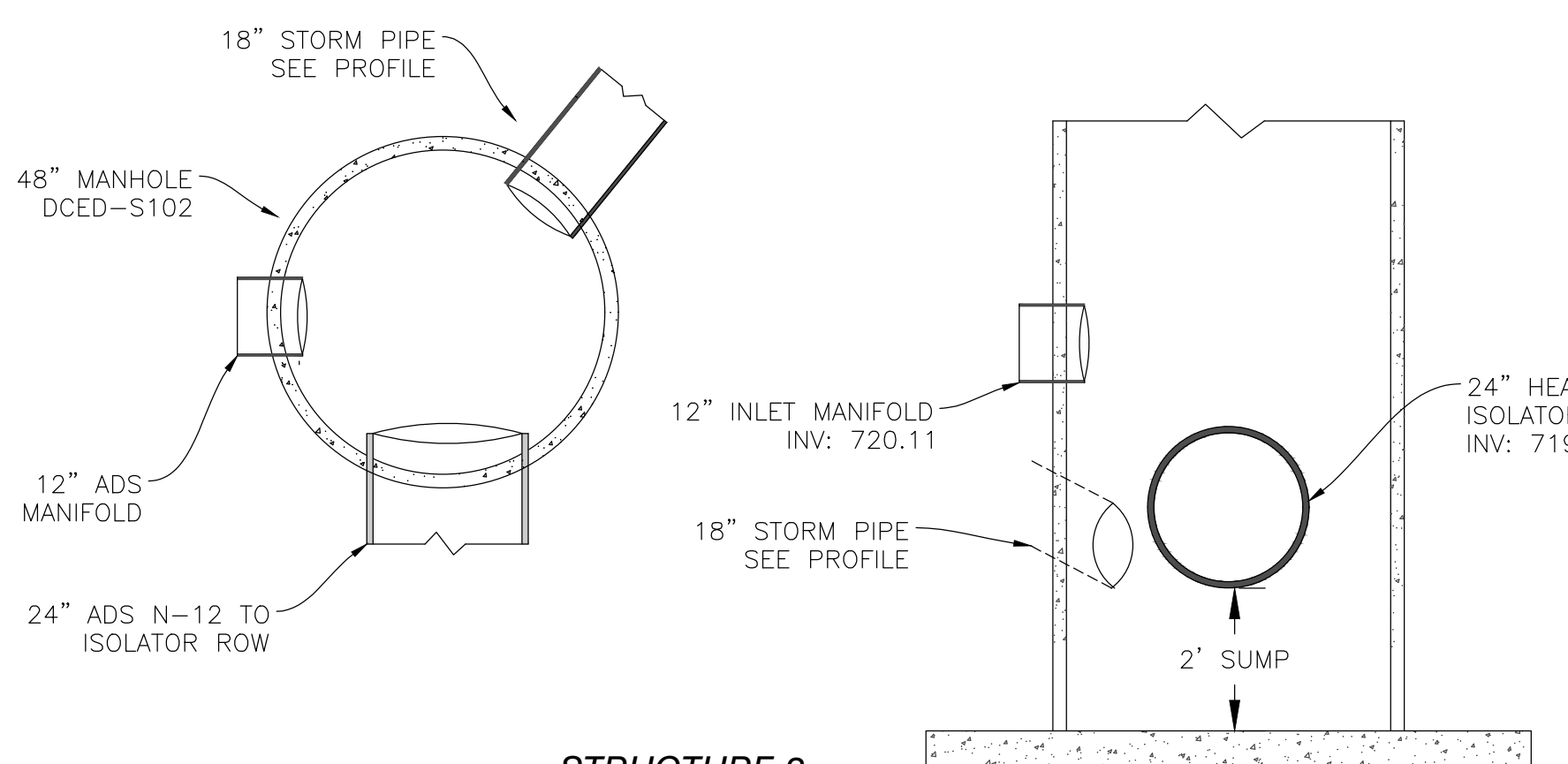
NOTES

- INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

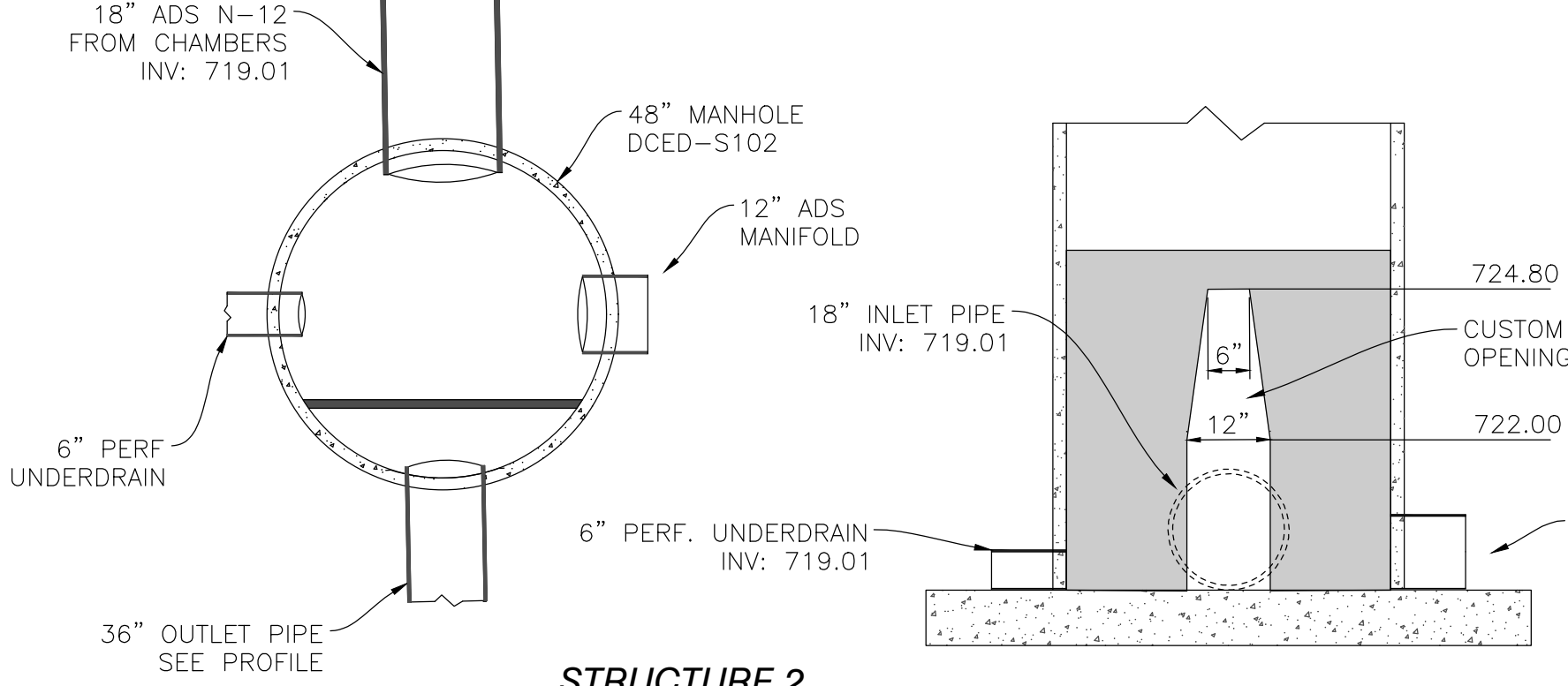
ACCEPTABLE FILL MATERIALS: STORMTECH MC-3500 CHAMBER SYSTEMS

MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE (E LAYER) TO 24\"/>			
B EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 ¹ 3, 387, 4, 487, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 24\"/>
A FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 ¹ 3, 4	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2,3}

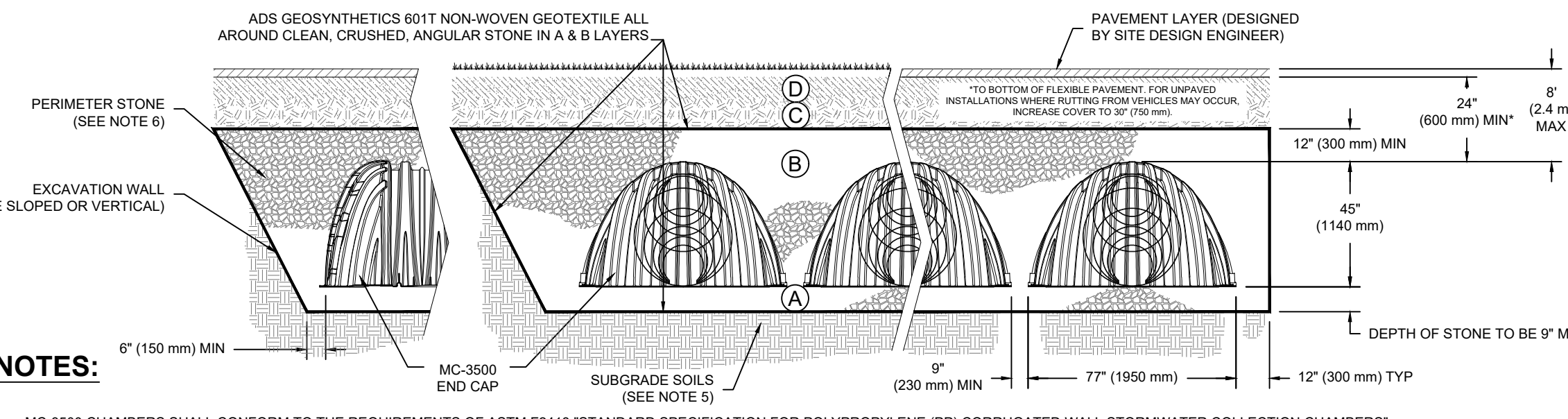
- PLEASE NOTE:
- THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
 - STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
 - WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.



STRUCTURE 3 PLAN AND SECTION
NOT TO SCALE



STRUCTURE 2 PLAN AND SECTION
NOT TO SCALE



STORMTECH MC-3500 CROSS SECTION
NOT TO SCALE

- MC-3500 CHAMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- MC-3500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL MATERIALS.
- THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RISK OF EXPECTED SOIL MOISTURE CONDITIONS.
- ONCE LAYER 'C' IS PLACED, ANY SOIL MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.
- PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.

STORMTECH DETAILS

ADDITION & RENOVATIONS TO THE PLAINS ELEMENTARY SCHOOL
90 CONNETT ROAD
THE PLAINS, OH 45780

PREPARED FOR:
ATHENS CITY SCHOOL DISTRICT
PO BOX 9 (21 BIRGE DRIVE)
CHAUNCEY, OH 45719

schorr architects inc. 230 Bradenton Ave.
Dublin, OH 43017
(614)798-2096

SANDS DECKER
ENGINEERS & SURVEYORS

81
Know what's below.
Call before you dig.

128 East Main Street
Logan, Ohio 43138
740-385-2140

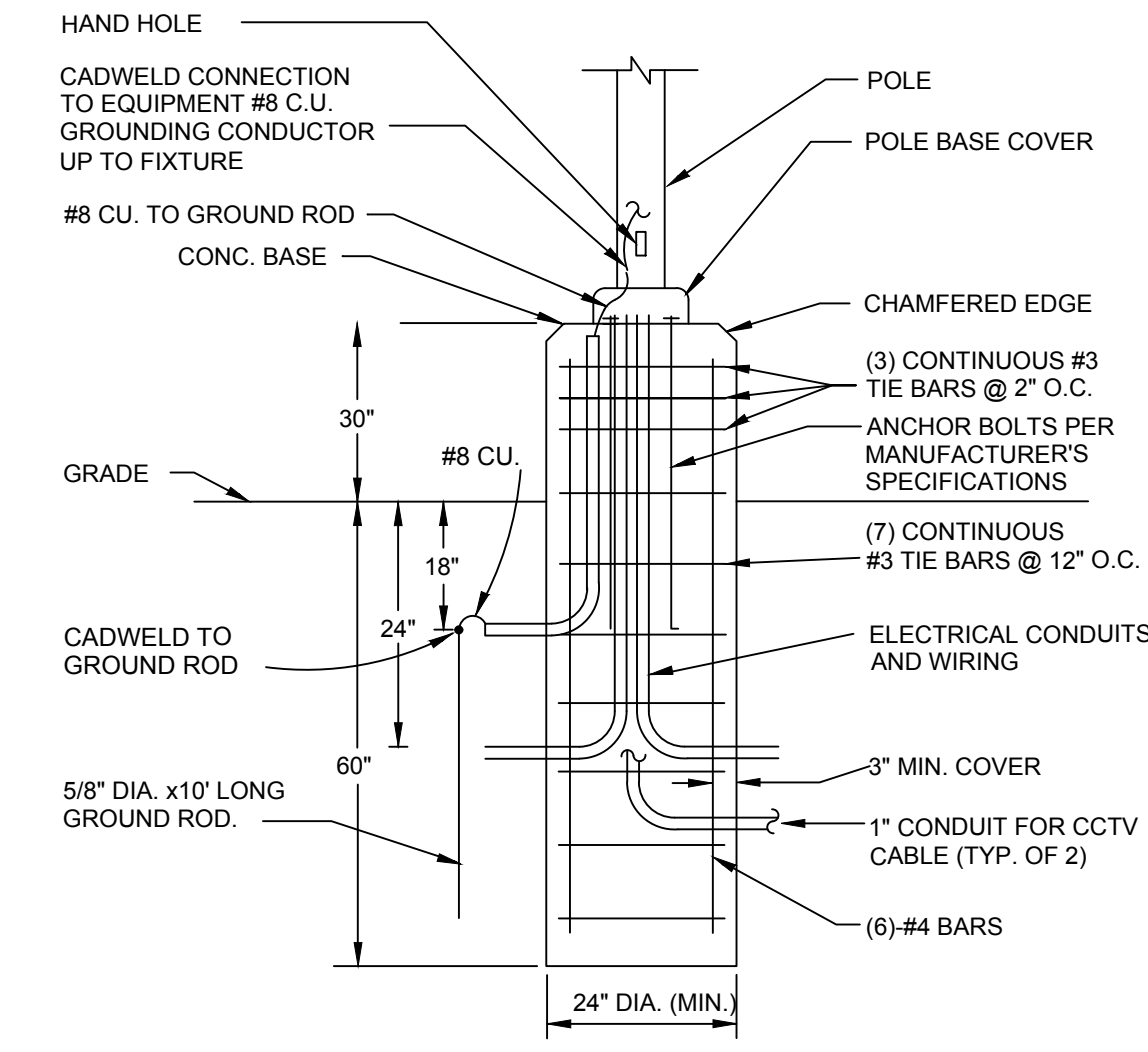
1495 Old Henderson Road
Columbus, Ohio 43220
614-459-6992

507 Main Street
Zanesville, Ohio 43701
740-450-1440

STATE OF OHIO
GLENN E. DECKER
57924
REGISTERED PROFESSIONAL ENGINEER

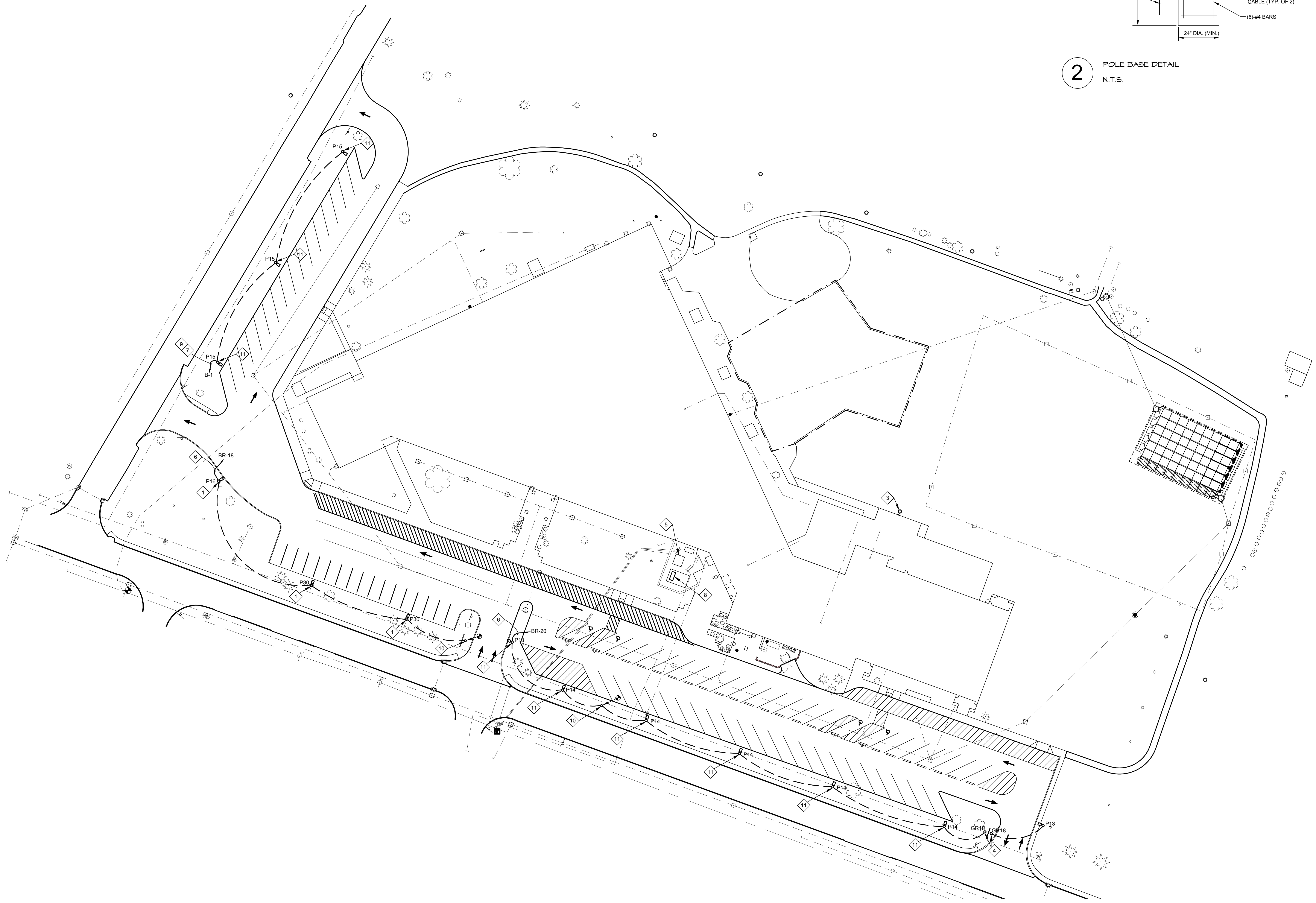
C7.0

SIGNED: [Signature] 2-23-2021
DATE



2 POLE BASE DETAIL
N.T.S.

- ELECTRICAL CODED NOTES - SHEET SU1.0**
1. REMOVE AND REPLACE EXISTING POLE MOUNTED FIXTURE, POLE, AND POLE BASE. CONNECT NEW FIXTURE TO EXISTING WIRING IN THIS LOCATION.
 2. NOT USED.
 3. PROVIDE PHOTOCELL ON NORTH SIDE OF BUILDING. WIRE TO LOW VOLTAGE RELAY PANEL "LVRPE". COORDINATE EXACT LOCATION WITH ARCHITECT.
 4. CONFIRM LIGHT LOCATION PRIOR TO ROUGHING IN.
 5. EXISTING TRANSFORMER TO BE REMAIN.
 6. WIRE CIRCUIT THROUGH LOW VOLTAGE RELAY PANEL "LVRPE" AND ON TO FIXTURES INDICATED.
 7. CONTRACTOR SHALL COORDINATE CONDUIT ROUTING WITH CIVIL DRAWINGS. PROVIDE FEEDER FOR SITE LIGHTING CIRCUIT ALLOWING FOR 3% VOLTAGE DROP MAXIMUM.
 8. EMERGENCY GENERATOR MOUNTED IN WEATHERPROOF ENCLOSURE MOUNTED ON EXISTING CONCRETE PAD.
 9. WIRE CIRCUIT THROUGH LOW VOLTAGE RELAY PANEL "LVRPA" AND ON TO FIXTURES INDICATED.
 10. STUB EXISTING SITE LIGHTING CIRCUIT IN THIS AREA TO NEW QUARTZITE BOX. EXTEND CIRCUIT WITH NEW CONDUIT AND WIRE AS NECESSARY.
 11. PROVIDE NEW POLE MOUNTED FIXTURE, POLE, AND POLE BASE. CONNECT NEW FIXTURE TO CIRCUIT AS INDICATED.



1 SITE UTILITY PLAN
1/32" = 1'-0"

ROGER D. FIELDS ASSOCIATES, INC.
4588 Kenny Road
Columbus, Ohio 43220
(614) 451-2248
www.rdfa.com
Project #: 19008 Designer: JNS



SITE ELECTRICAL PLAN

The Plains 4-6 Elementary School
Renovation & Addition
90 Connett Road
The Plains, Ohio 45780
PREPARED FOR:
Athens City School District
21 Birge Dr.
Chauncey, Ohio 45719



SD 03/04/2020
DD 09/29/2020
CD 02/23/2021

COMM. NO.: 1905

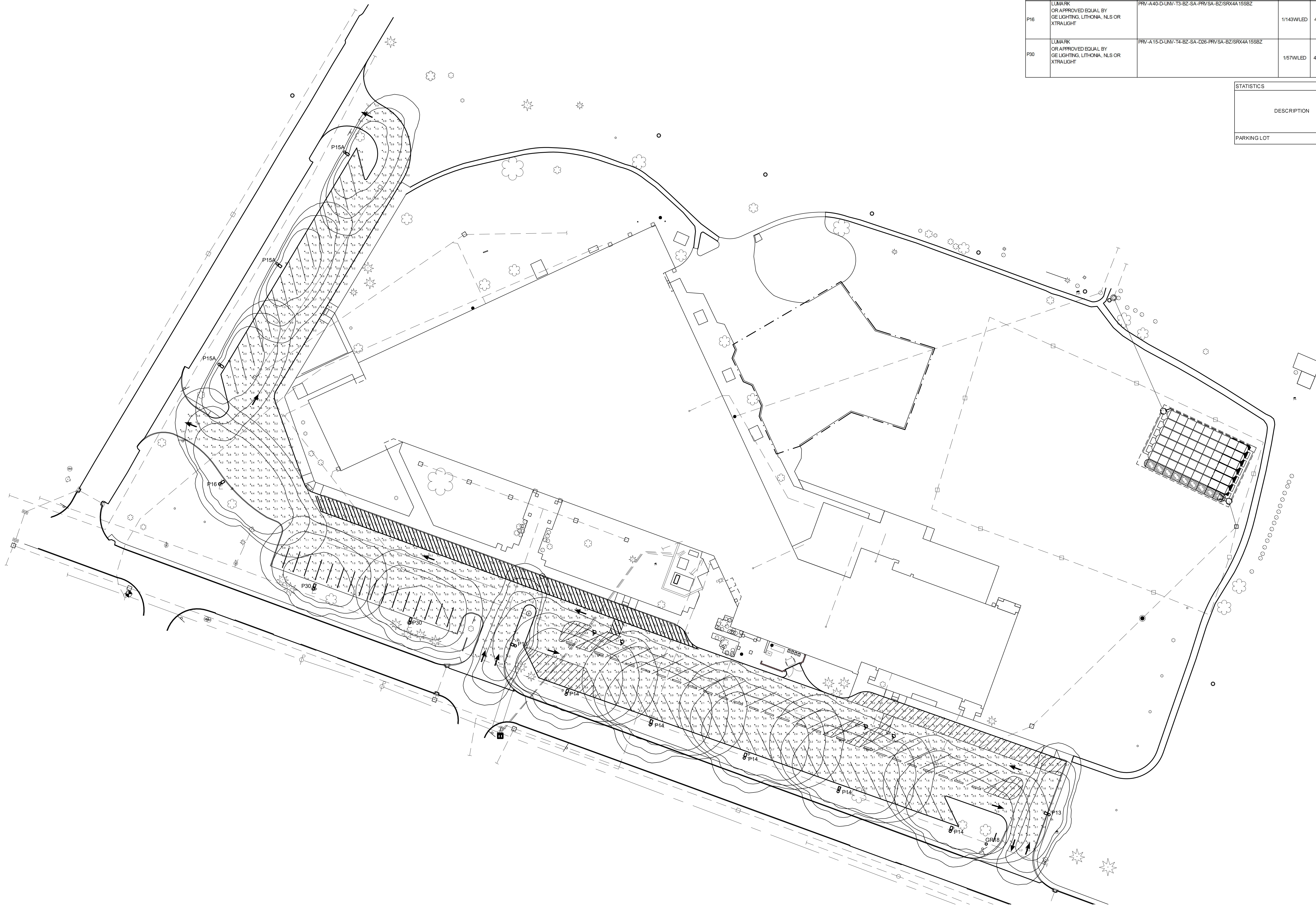
SU1.0



SIGNED DATE 02-23-2021

LIGHTING FIXTURE SCHEDULE						
NOTE: FIXTURE NUMBER, LETTER PREFIX INDICATES TYPE OF MOUNTING AS FOLLOWS: CH-CHAIN HUNG; CL-CEILING MOUNTED; S-STEM SUSPENDED; W-WALL MOUNTED; R-CEILING RECESSED; WR-WALL RECESSED; CV-COVE MOUNTED; UC-UNDER CABINET; RF-ROOF MOUNTED; P-POST OR POLE; GR-						
FIXTURE TYPE	MANUFACTURER	CATALOG NO./MODEL NO.	QTY/WATTAGE TYPE	COLOR TEMPERATURE	FINISH	DESCRIPTION
GR17	LUMARK OR APPROVED EQUAL BY HUNZA, LITHONIA, VESALEE OR VISTA	TORL-15-M-VG	1/15WLED	4000K/1,600L	GREEN	9" GRADE MOUNTED FLOOD LIGHT FOR SIGN, RUGGED DIE CAST HOUSING, 120V, PROVIDE WEATHERPROOF IN-GRADE THREADED JUNCTION BOX
P13	LUMARK OR APPROVED EQUAL BY GE LIGHTING, LITHONIA, NLS OR XTRALIGHT	PRV-A15-D-UNV-12-BZ-SA-PRV-SA-BZ/SRX4A15SBZ	1/57WLED	4000K/6139L	BRONZE	ARCHITECTURAL, SINGLE-HEAD POLE MOUNTED FULL CUT-OFF LED LIGHT WITH STANDARD POLE MOUNT ARM, TYPE 2 DISTRIBUTION, DARK BRONZE FINISH, MOUNTED ON AN 18H, ROUND STRAIGHT STEEL POLE WITH 6" BASE WITH BASE COVER, 120V.
P14	LUMARK OR APPROVED EQUAL BY GE LIGHTING, LITHONIA, NLS OR XTRALIGHT	PRV-A40-D-UNV-14-BZ-SA-PRV-SA-BZ/SRX4A15SBZ	1/143WLED	4000K/15157L	BRONZE	ARCHITECTURAL, POLE MOUNTED FULL CUT-OFF LED LIGHT WITH TWO HEADS AT 180 DEG. WITH STANDARD POLE MOUNT ARM, TYPE 4 DISTRIBUTION, DARK BRONZE FINISH, MOUNTED ON AN 18H, ROUND STRAIGHT STEEL POLE WITH 6" BASE WITH BASE COVER, 120V.
P15	LUMARK OR APPROVED EQUAL BY GE LIGHTING, LITHONIA, NLS OR XTRALIGHT	PRV-A15-D-UNV-13-BZ-SA-PRV-SA-BZ/SRX4A15SBZ	1/57WLED	4000K/6139L	BRONZE	ARCHITECTURAL, POLE MOUNTED FULL CUT-OFF LED LIGHT WITH TWO HEADS AT 180 DEG. WITH STANDARD POLE MOUNT ARM, TYPE 3 DISTRIBUTION, DARK BRONZE FINISH, MOUNTED ON AN 18H, ROUND STRAIGHT STEEL POLE WITH 6" BASE WITH BASE COVER, 120V.
P16	LUMARK OR APPROVED EQUAL BY GE LIGHTING, LITHONIA, NLS OR XTRALIGHT	PRV-A40-D-UNV-13-BZ-SA-PRV-SA-BZ/SRX4A15SBZ	1/143WLED	4000K/15157L	BRONZE	ARCHITECTURAL, POLE MOUNTED FULL CUT-OFF LED LIGHT WITH TWO HEADS AT 180 DEG. WITH STANDARD POLE MOUNT ARM, TYPE 3 DISTRIBUTION, DARK BRONZE FINISH, MOUNTED ON AN 18H, ROUND STRAIGHT STEEL POLE WITH 6" BASE WITH BASE COVER, 120V.
P30	LUMARK OR APPROVED EQUAL BY GE LIGHTING, LITHONIA, NLS OR XTRALIGHT	PRV-A15-D-UNV-14-BZ-SA-C06-PRV-SA-BZ/SRX4A15SBZ	1/57WLED	4000K/15,157L	BRONZE	ARCHITECTURAL, SINGLE-HEAD POLE MOUNTED FULL CUT-OFF LED LIGHT WITH STANDARD POLE MOUNT ARM, TYPE 4 DISTRIBUTION, MOUNTED ON AN 18H, ROUND STRAIGHT STEEL POLE WITH 2" CONCRETE BASE WITH BASE COVER, 120V.

DESCRIPTION	STATISTICS				
	AVG	MAX	MIN	MAX. UNIFORMITY RATIO MAX/MIN	AVG. UNIFORMITY RATIO AVG/MIN
PARKING LOT	1.3 FC	5.6 FC	0.1 FC	56.0:1	13.0:1



1 SITE UTILITY PLAN
1/32" = 1'-0"

ROGER D. FIELDS ASSOCIATES, INC.
4588 Kenny Road
Columbus, Ohio 43220
(614) 451-2248
www.rdfa.com
Project #: 19008 Designer: JNS



SITE PHOTOMETRIC PLAN

The Plains 4-6 Elementary School
Renovation & Addition
90 Connett Road
The Plains, Ohio 45780
PREPARED FOR:
Athens City School District
21 Birge Dr.
Chauncey, Ohio 45719



SD 03/04/2020	
DD 09/29/2020	
CD 02/23/2021	
COMM. NO.: 1905	

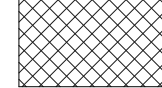

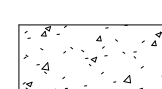


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SIGNED DATE 02-23-2021

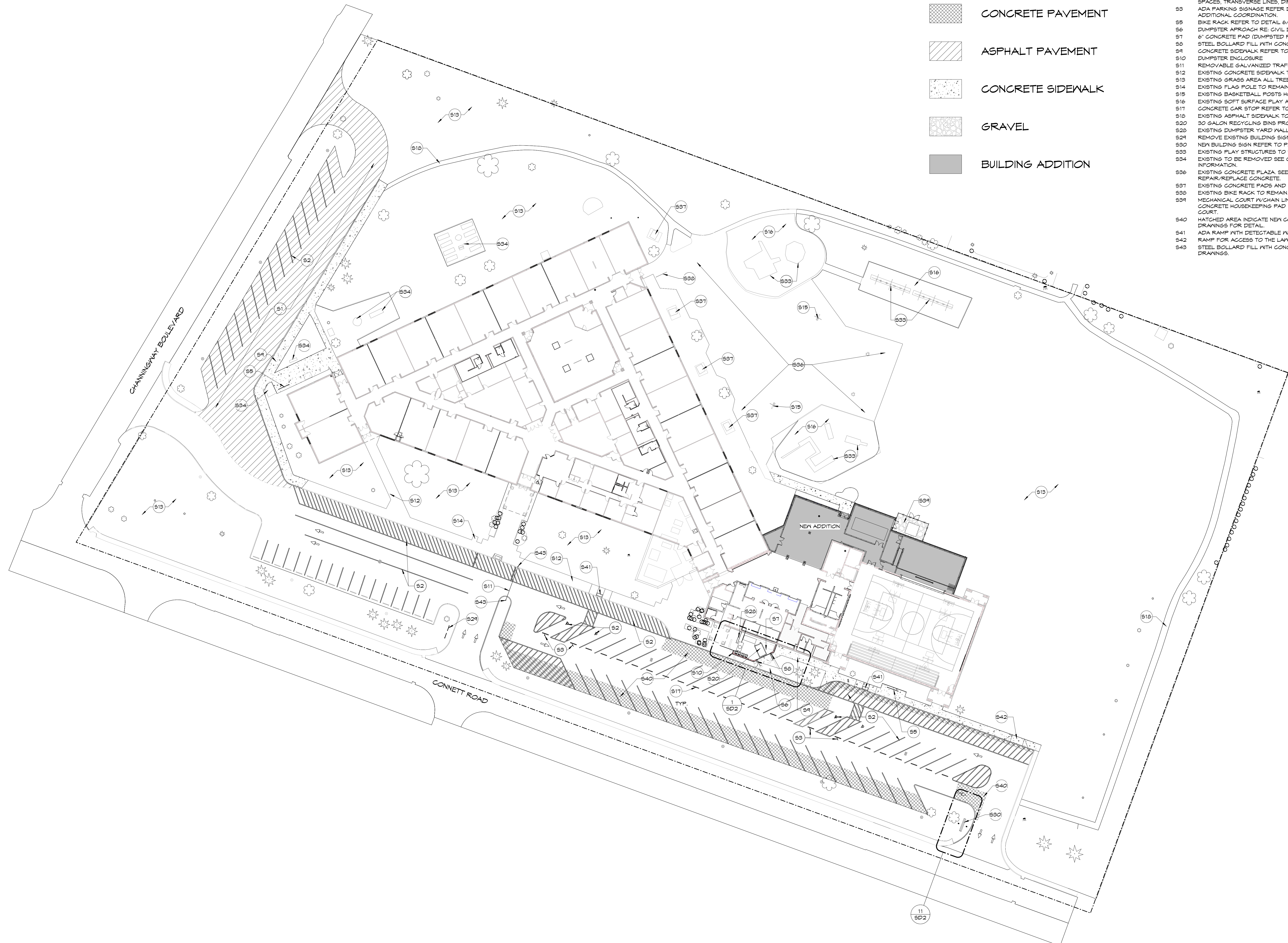
SITE LEGEND

NOTE: REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION

-  CONCRETE PAVEMENT
-  ASPHALT PAVEMENT
-  CONCRETE SIDEWALK
-  GRAVEL
-  BUILDING ADDITION

CODED NOTES - SITE

- S1 HATCHED AREA INDICATE NEW ASPHALT PAVING AREA, REFER TO CIVIL DRAWINGS FOR ASPHALT TYPES
- S2 REFER TO CIVIL DRAWINGS FOR PAVEMENT MARKINGS INCLUDING PARKING SPACES, TRANSVERSE LINES, DIRECTIONAL ARROWS & ADA SYMBOLS.
- S3 ADA PARKING SIGNAGE REFER DETAIL T/SD2 AND CIVIL DOCUMENTS FOR ADDITIONAL COORDINATION.
- S5 BIKE RACK REFER TO DETAIL 6/SD2.
- S6 DUMPSTER APPROACH RE: CIVIL DOCUMENTS.
- S7 6" CONCRETE PAD (DUMPSTER PAD) RE: CIVIL DOCUMENTS.
- S8 STEEL BOLLARD FILL WITH CONCRETE, REFER SECTION DETAIL 0/SD2.
- S9 CONCRETE SIDEWALK REFER TO CIVIL DRAWINGS.
- S10 DUMPSTER ENCLOSURE
- S11 REMOVABLE GALVANIZED TRAFFIC CONTROL CHAIN.
- S12 EXISTING CONCRETE SIDEWALK TO REMAIN.
- S13 EXISTING GRASS AREA ALL TREES AND SHRUBS SHOWN ARE EXISTING.
- S14 EXISTING FLAG POLE TO REMAIN
- S15 EXISTING BASKETBALL POSTS HOOPS TO REMAIN
- S16 EXISTING SOFT SURFACE PLAY AREA TO REMAIN
- S17 CONCRETE CAR STOP REFER TO CIVIL DRAWINGS
- S18 EXISTING ASPHALT SIDEWALK TO BE RE-SURFACED, REFER TO CIVIL DRAWINGS.
- S20 30 GALLON RECYCLING BINS PROVIDED BY OWNER.
- S23 EXISTING DUMPSTER YARD WALL TO REMAIN.
- S24 REMOVE EXISTING BUILDING SIGN.
- S30 NEW BUILDING SIGN REFER TO PLAN AND SECTION DETAIL 14/SD2.
- S33 EXISTING PLAY STRUCTURES TO REMAIN.
- S34 EXISTING TO BE REMOVED SEE CIVIL DEMOLITION PLAN FOR ADDITIONAL INFORMATION.
- S36 EXISTING CONCRETE PLAZA: SEE CIVIL DRAWINGS FOR ALTERNATED TO REPAIR/REPLACE CONCRETE.
- S37 EXISTING CONCRETE PADS AND TABLES TO REMAIN.
- S39 EXISTING BIKE RACK TO REMAIN.
- S39 MECHANICAL COURT IV/CHAIN LINK FENCING AND GATE, COORDINATE WITH MEP CONCRETE HOUSEKEEPING PAD FOR CHILLER AND GRAVEL BASE FOR REST OF COURT.
- S40 HATCHED AREA INDICATE NEW CONCRETE PAVEMENT AREA, REFER TO CIVIL DRAWINGS FOR DETAIL.
- S41 ADA RAMP WITH DETECTABLE MARKINGS, REFER TO CIVIL DRAWINGS.
- S42 RAMP FOR ACCESS TO THE LAWN AND MAINTENANCE, REFER TO CIVIL DRAWINGS.
- S43 STEEL BOLLARD FILL WITH CONCRETE, REFER SECTION DETAIL 6/G11 ON CIVIL DRAWINGS.



1 SITE PLAN
1" = 30'-0"



SITE DEVELOPMENT PLAN

**The Plains Intermediate School
Renovations & Addition**
90 Connett Road
The Plains, Ohio 45780

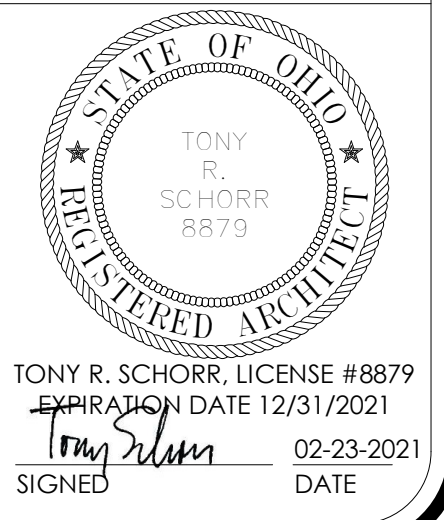
PREPARED FOR:
Athens City School District
21 Birge Dr.
Chauncey, Ohio 45719

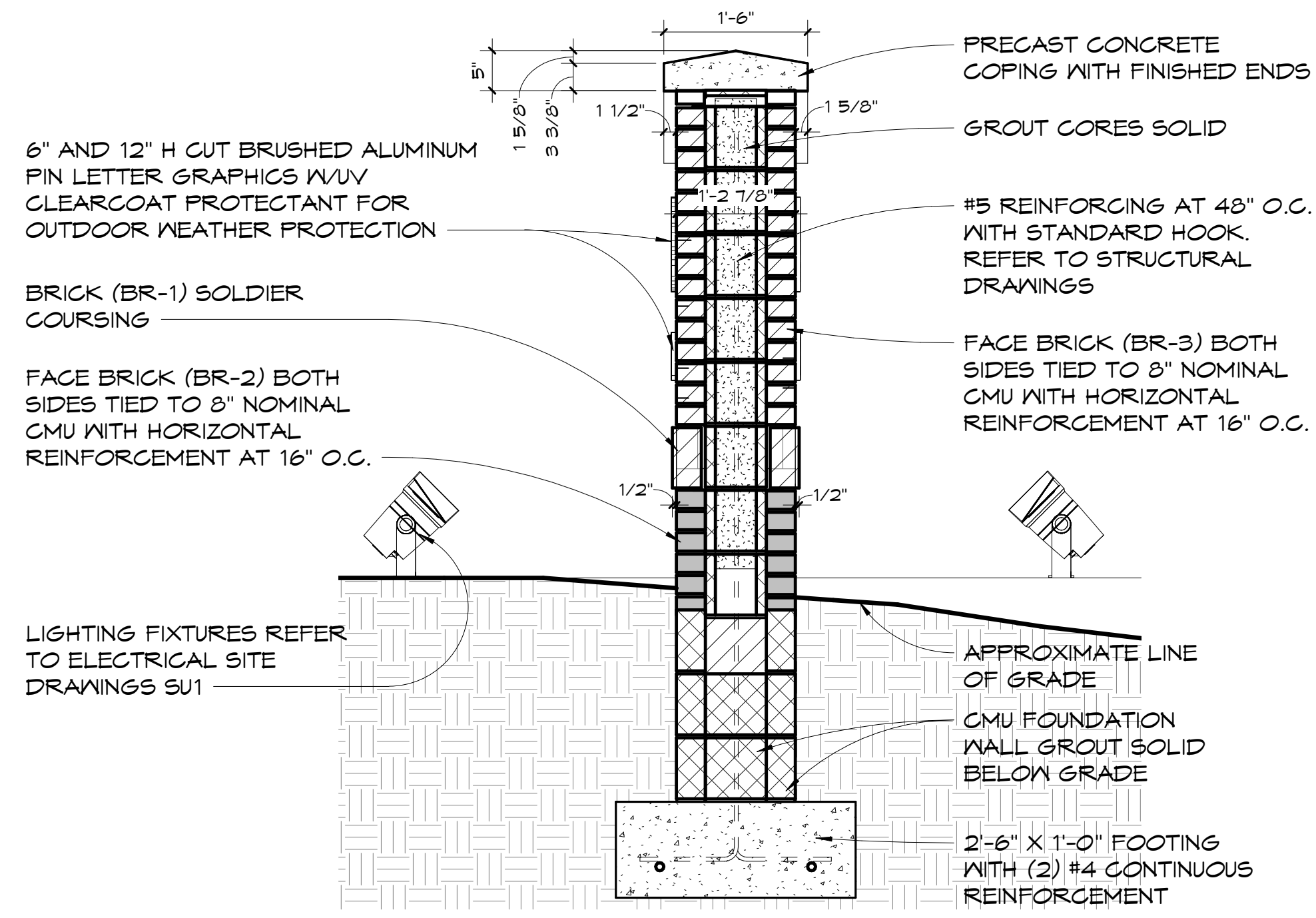


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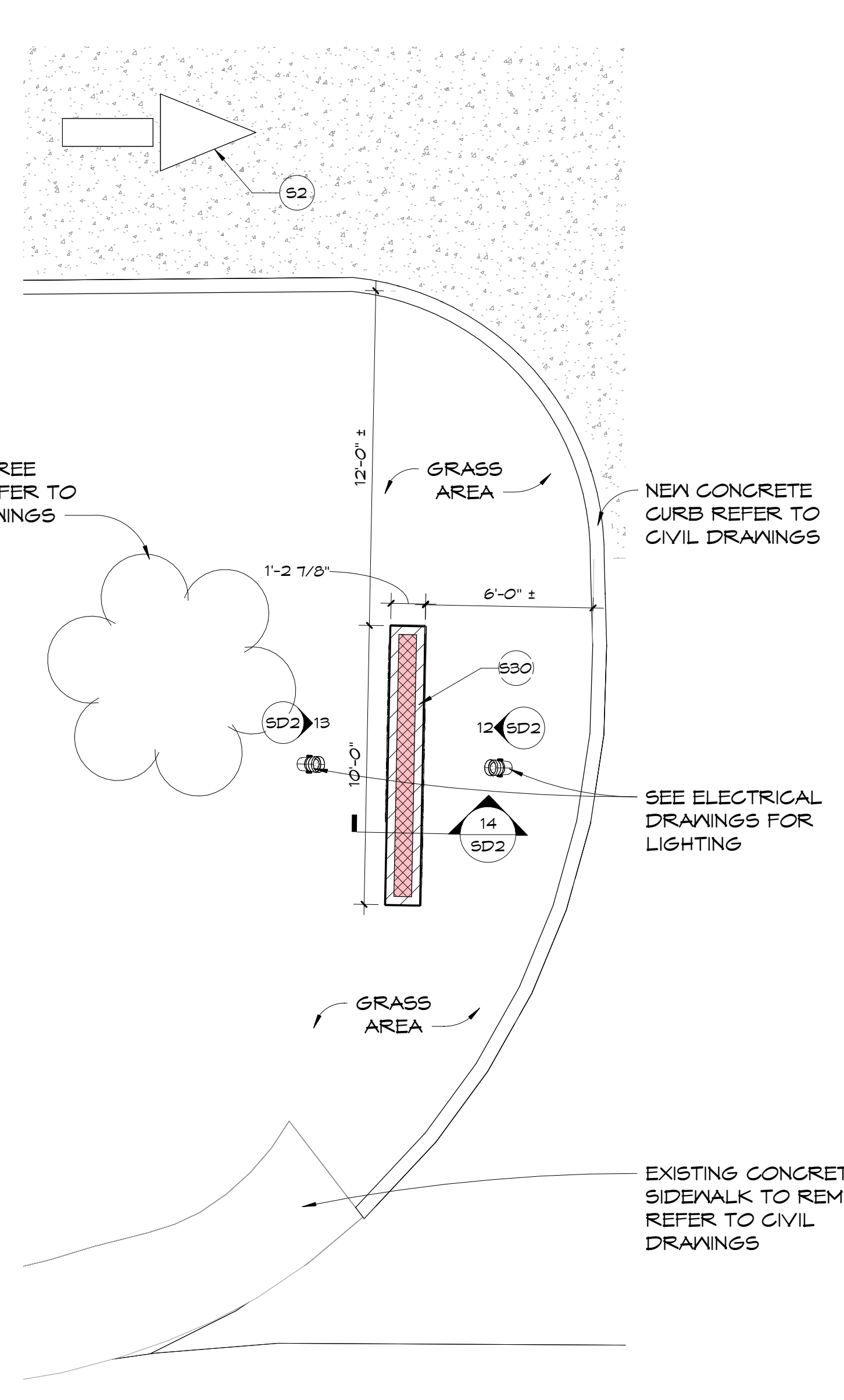
COMM. NO.: 1905

SD1

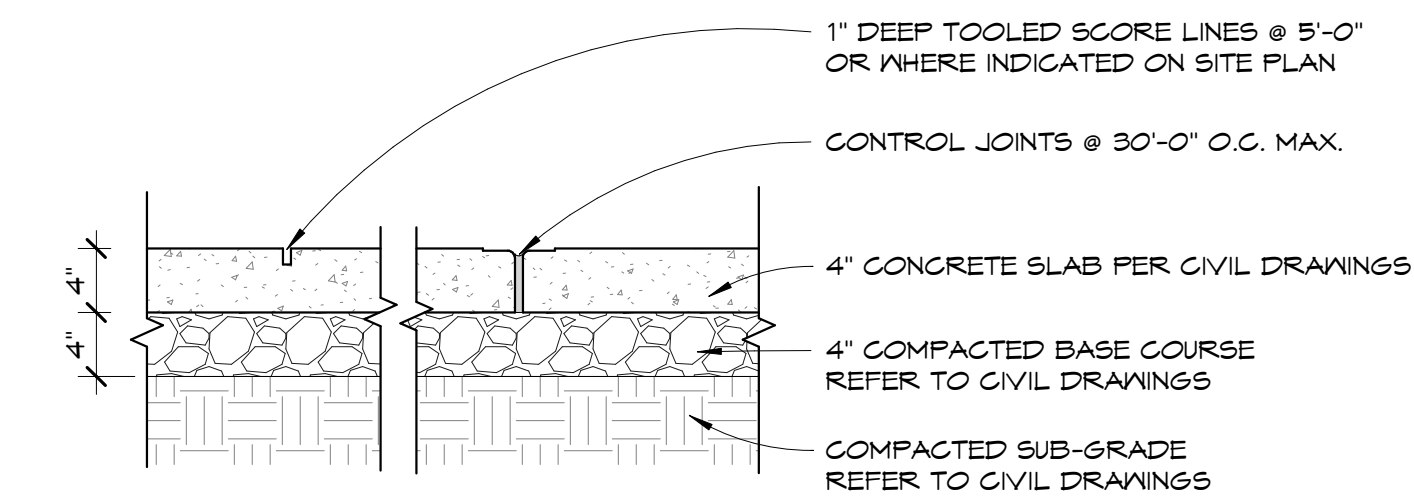




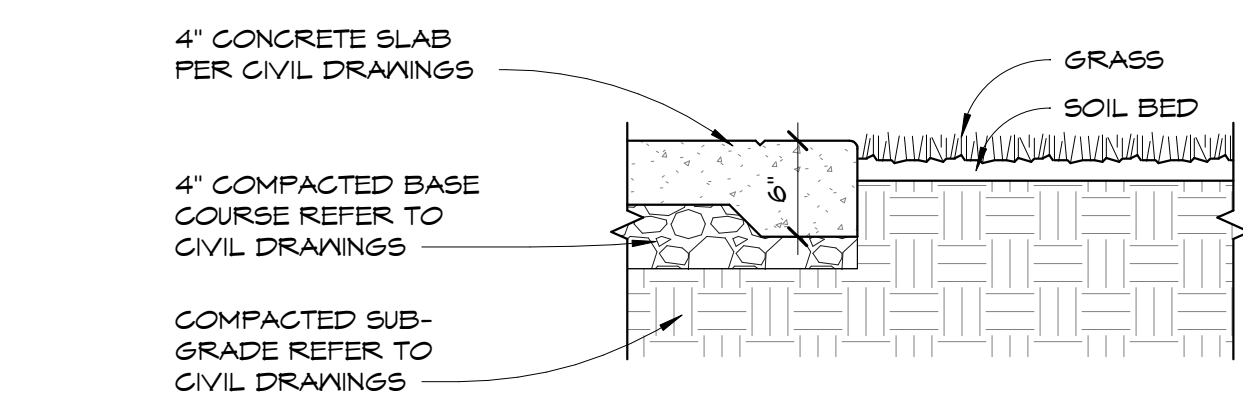
14 SIGN WALL SECTION
3/4" = 1'-0"



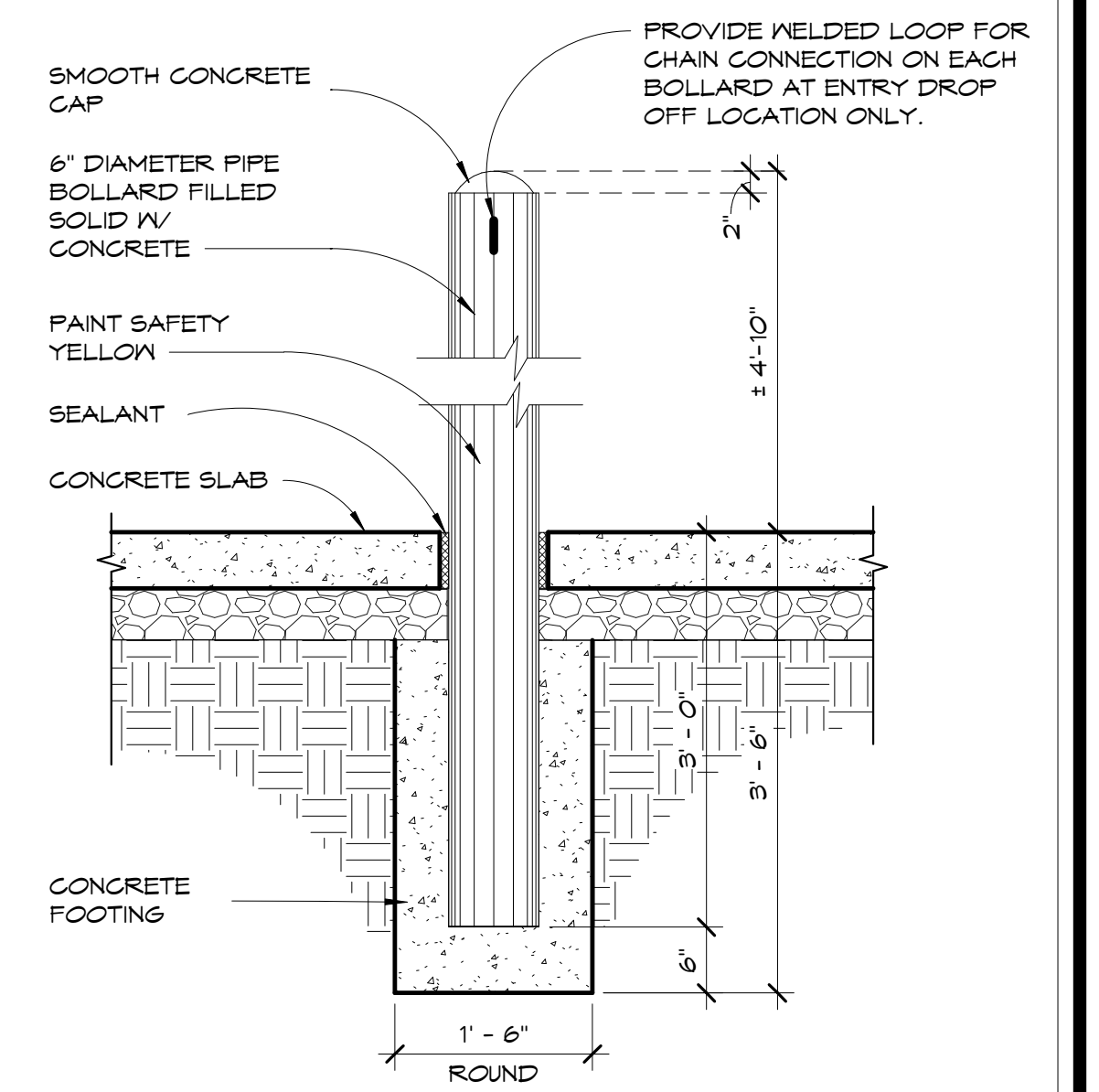
11 BUILDING SIGN PLAN
1/4" = 1'-0"



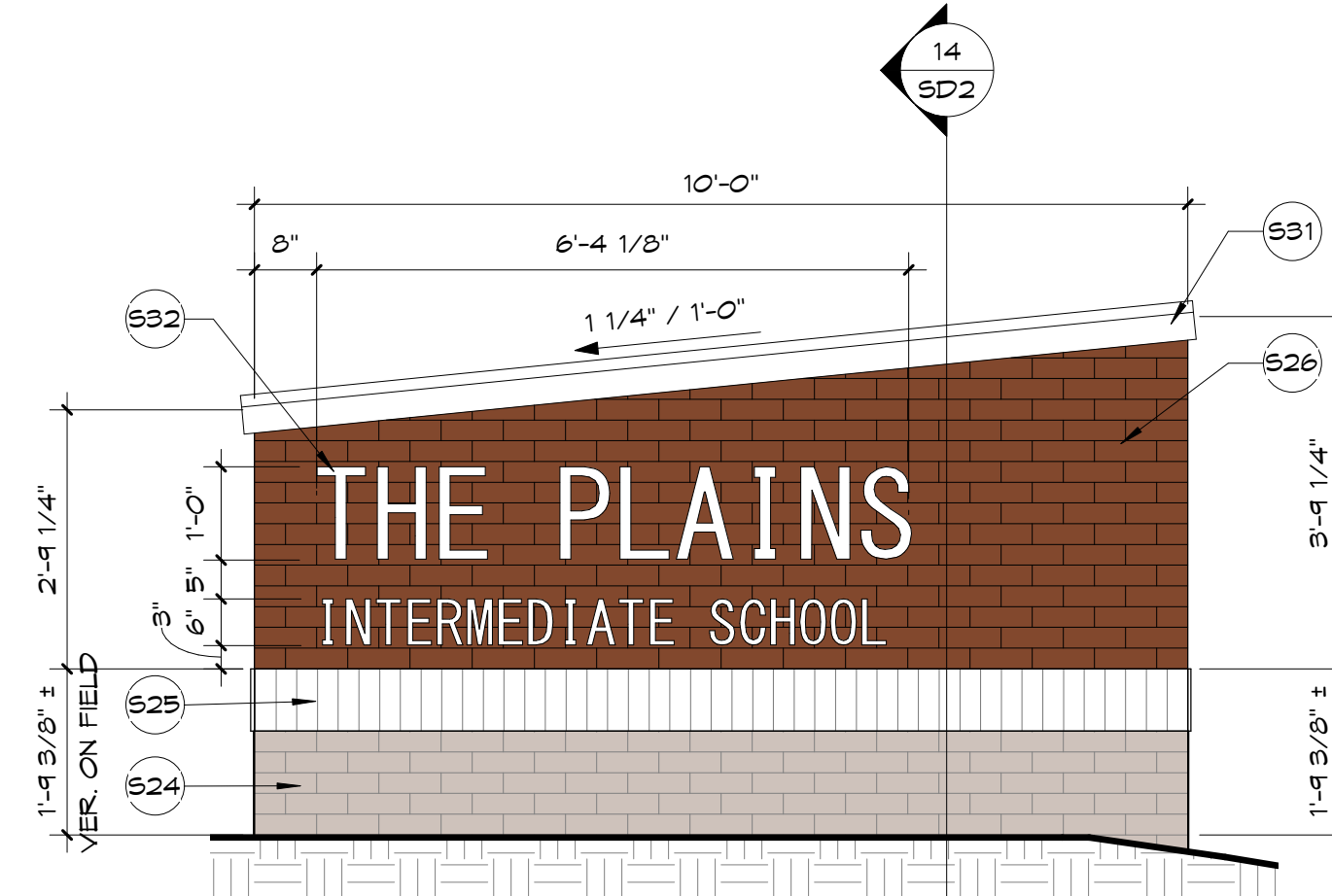
10 TYP. SIDEWALK SECTION DETAIL
1" = 1'-0"



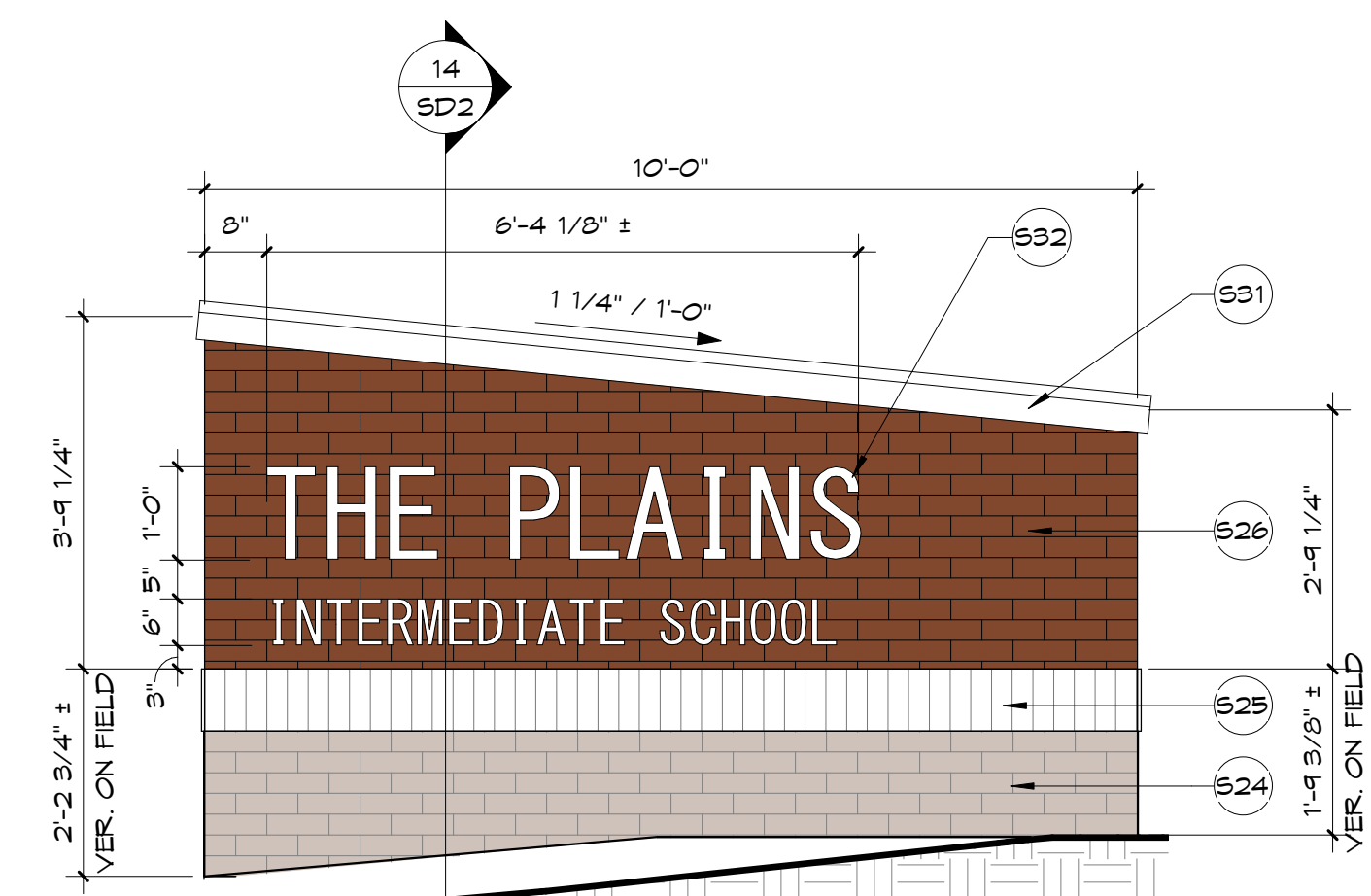
9 TYP. CURB / EDGE SIDEWALK DETAIL
1" = 1'-0"



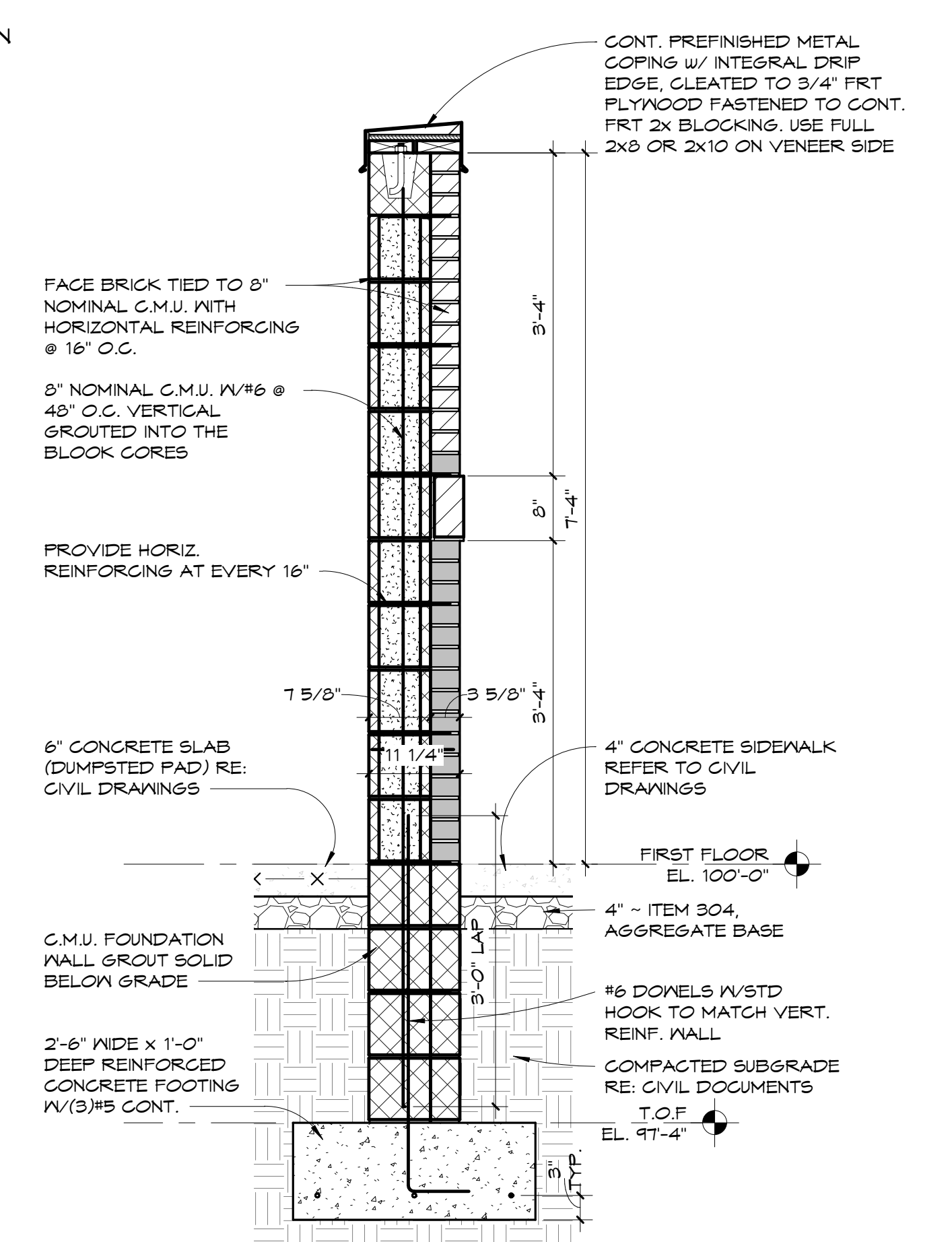
8 TYP. BOLLARD DETAIL
3/4" = 1'-0"



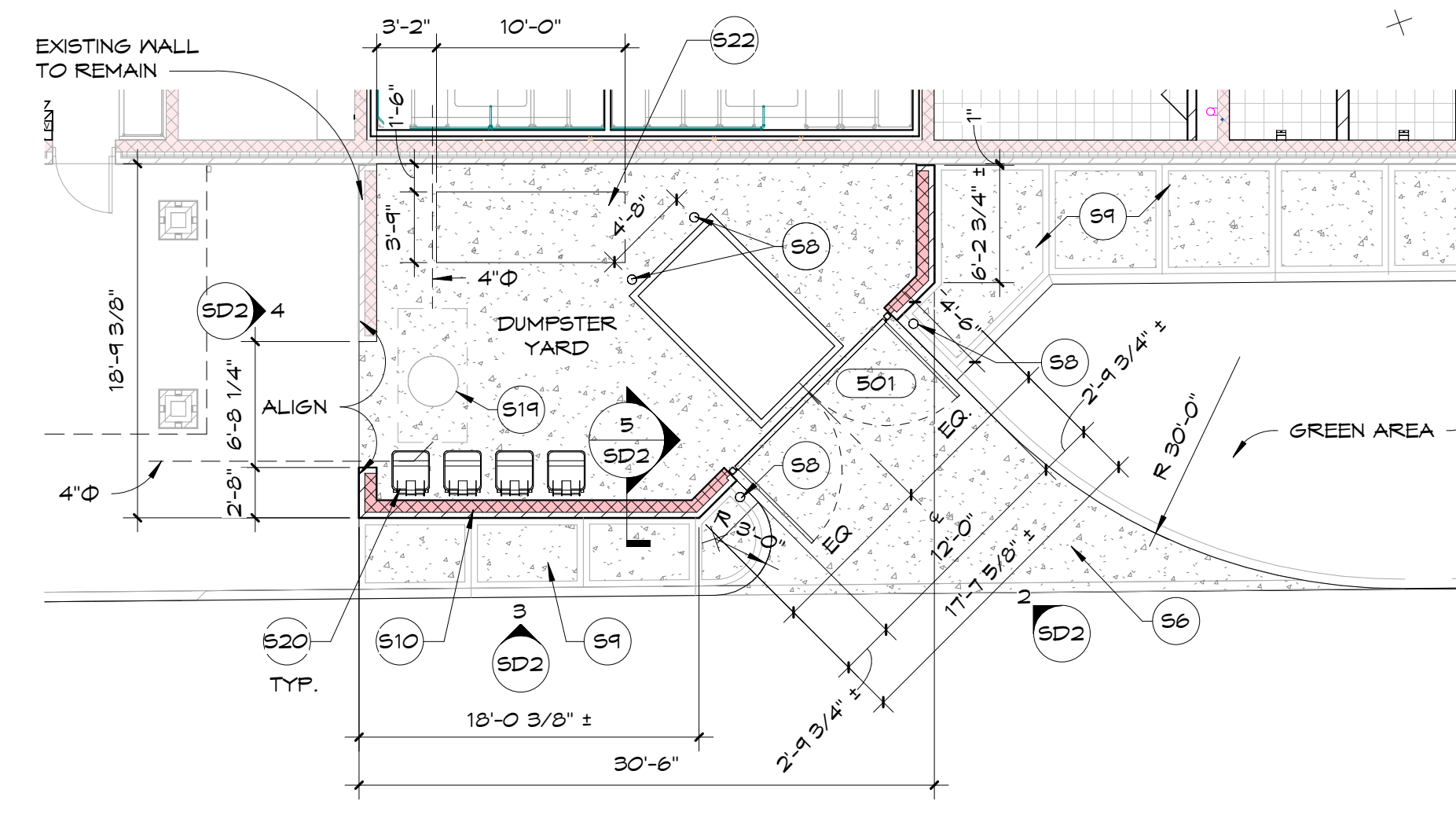
13 BUILDING SIGN - WEST ELEVATION
1/2" = 1'-0"



12 BUILDING SIGN - EAST ELEVATION
1/2" = 1'-0"

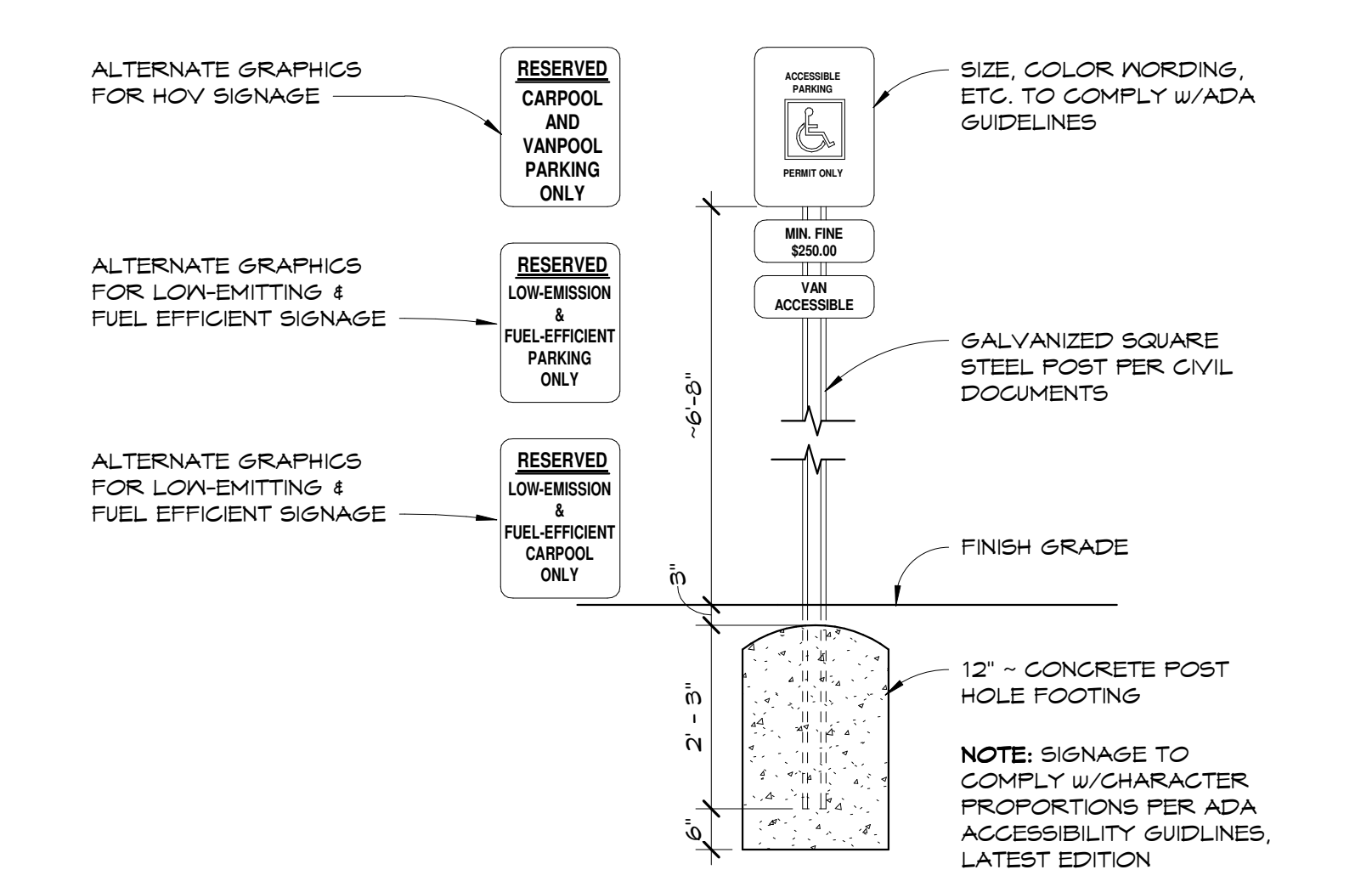


5 DUMPSTER ENCLOSURE WALL SECTION DETAIL
3/4" = 1'-0"

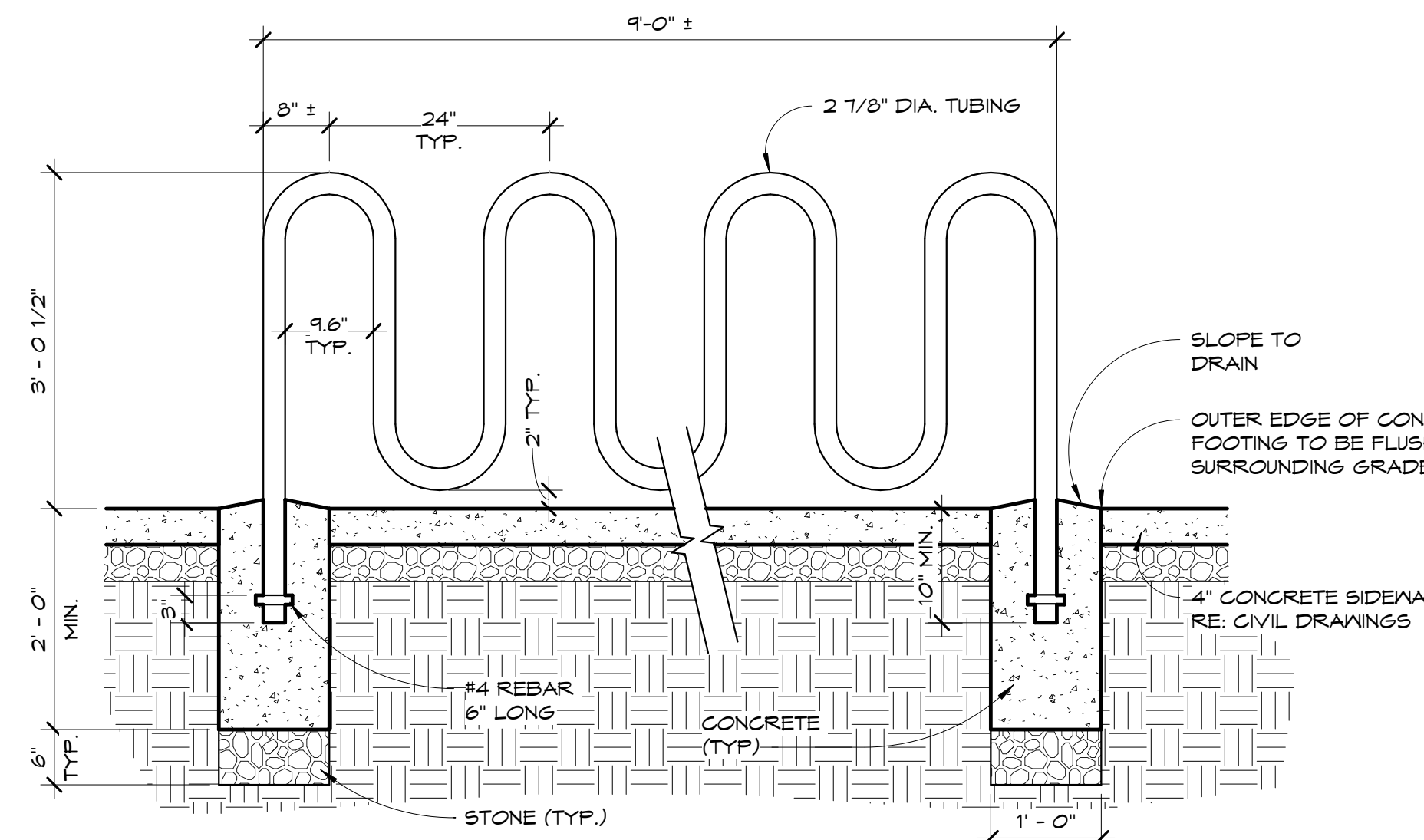


1 DUMPSTER YARD ENCLOSURE PLAN
1/8" = 1'-0"

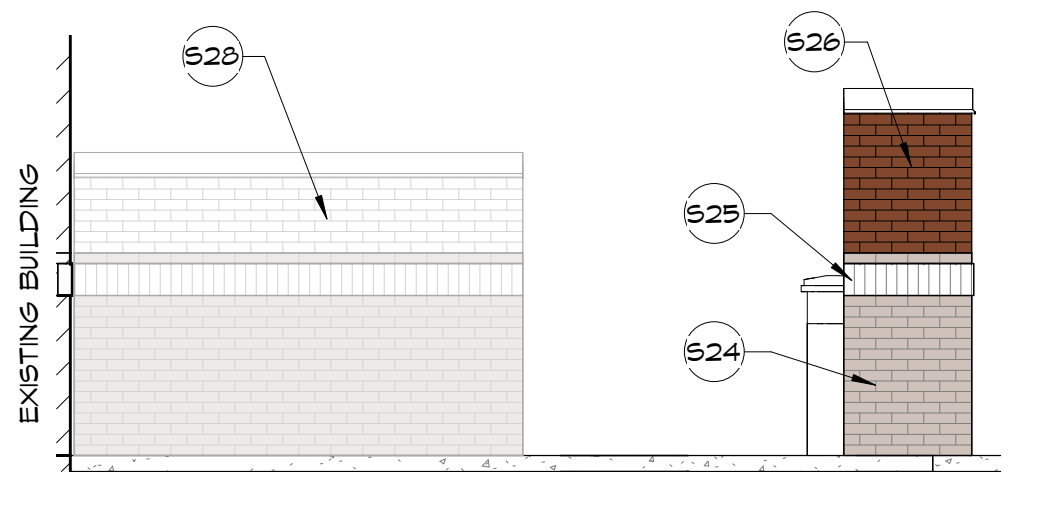
- CODED NOTES - SITE**
- S2 REFER TO CIVIL DRAWINGS FOR PAVEMENT MARKINGS INCLUDING PARKING SPACES, TRANSVERSE LINES, DIRECTIONAL ARROWS & ADA SYMBOLS.
 - S6 DUMPSTER APPROACH RE: CIVIL DOCUMENTS.
 - S8 STEEL BOLLARD FILL WITH CONCRETE, REFER SECTION DETAIL 8/S/SD2.
 - S4 CONCRETE SIDEWALK REFER TO CIVIL DRAWINGS.
 - S10 DUMPSTER ENCLOSURE
 - S11 APPROX. LOCATION OF EXISTING GREASE INTERCEPTOR TO REMAIN, REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION.
 - S20 30 GALLON RECYCLING BINS PROVIDED BY OWNER.
 - S22 6" COMPRESSOR CONCRETE HOUSEKEEPING PAD FOR FREEZER/COOLER, REFER TO MECHANICAL AND CIVIL DRAWINGS FOR MORE INFORMATION.
 - S24 FACE BRICK (BR-2) RUNNING BOND COURSING, COLOR MATCH EXISTING.
 - S25 FACE BRICK (BR-1) RUNNING SOLDIER COURSING, COLOR MATCH EXISTING.
 - S26 FACE BRICK (BR-3) RUNNING BOND COURSING, COLOR MATCH EXISTING.
 - S27 CONT. PREFINISHED METAL COPINGS.
 - S28 EXISTING DUMPSTER YARD WALL TO REMAIN.
 - S30 NEW BUILDING SIGN REFER TO PLAN AND SECTION DETAIL 14/SD2.
 - S31 PRECAST CONCRETE COPING WITH FINISHED ENDS.
 - S32 6" AND 12" H CUT BRUSHED ALUMINUM PIN LETTER GRAPHICS W/UV CLEARCOAT PROTECTANT FOR OUTDOOR WEATHER PROTECTION.



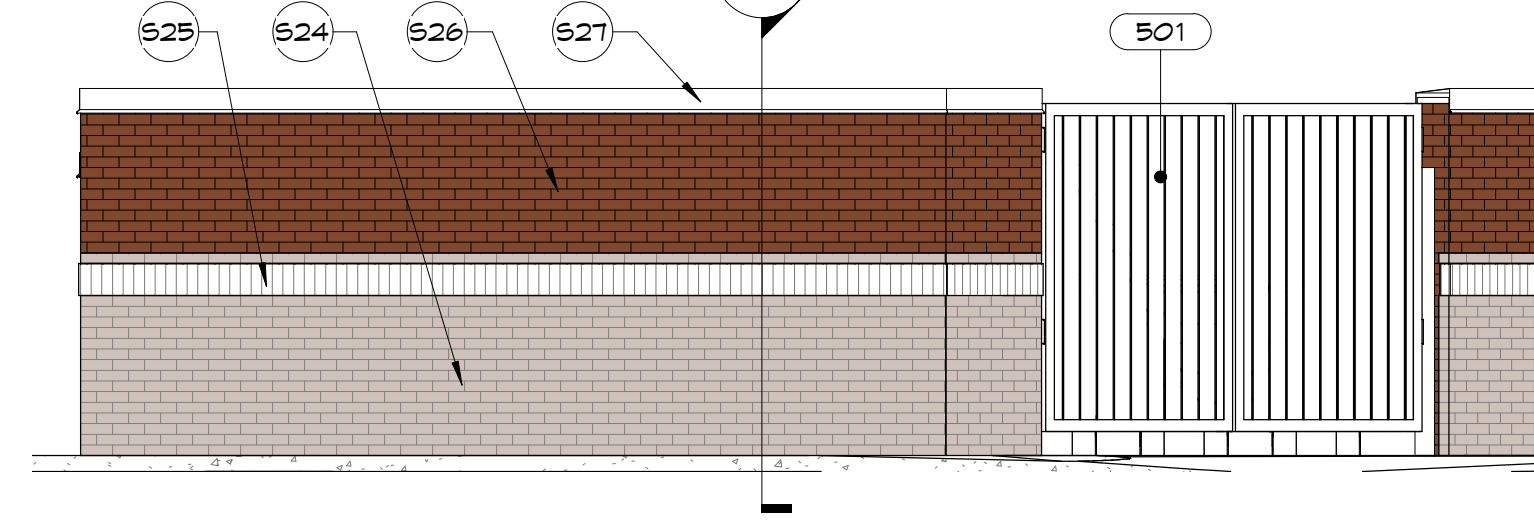
7 ADA PARKING SIGNAGE
1/2" = 1'-0"



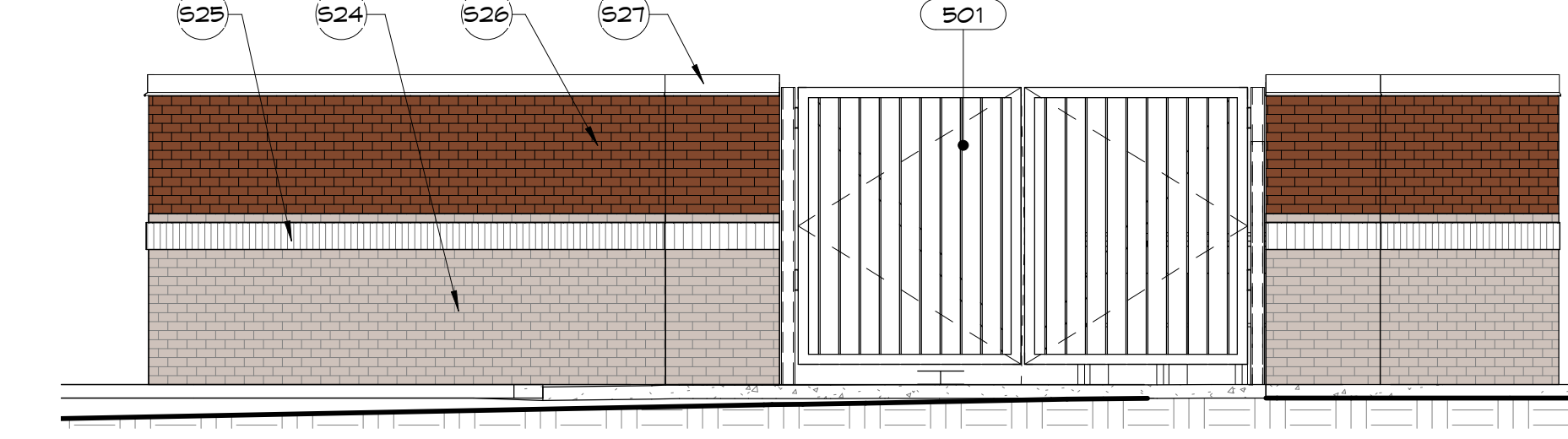
6 BIKE RACK DETAIL
3/4" = 1'-0"



4 WEST DUMPSTER YARD ELEVATION
1/4" = 1'-0"



3 SOUTH DUMPSTER YARD ELEVATION
1/4" = 1'-0"



2 NORTH EAST DUMPSTER YARD ELEVATION
1/4" = 1'-0"

SITE DETAILS

The Plains Intermediate School
Renovations & Addition
90 Connett Road
The Plains, Ohio 45780

PREPARED FOR:
Athens City School District
21 Birge Dr.
Chauncey, Ohio 45719

schorr architects inc.
CDA COMMUNITY DESIGN ALLIANCE

SD 03/06/2020
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SD2

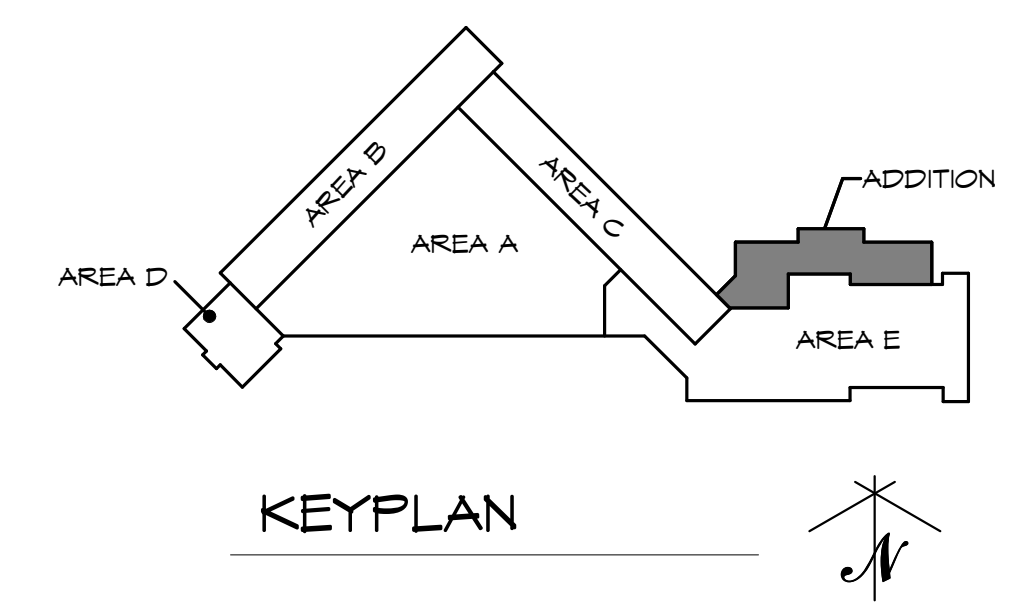
STATE OF OHIO
REGISTERED ARCHITECT
TONY R. SCHORR
LICENSE #8879
EXPIRATION DATE 12/31/2021
SIGNED: Tony Schorr DATE: 02-23-2021



- 1991 RENOVATED
61,081 SQ. FT.
- 2021 REPROGRAMMED
850 SQ. FT.
- 2021 NEW ADDITION
5,063 SQ. FT. GROSS BUILDING

SCOPE OF INTERIOR RENOVATION

- INCLUDES:**
- PAINTING
 - ACOUSTIC CEILING REPLACEMENT
 - VET/LVT FLOORING REPLACEMENT
 - CLASSROOM CASEWORK REPLACEMENT
 - CUBBIES IN CLASSROOMS
 - TACK BOARD REPLACEMENT
 - MARKER BOARD REPLACEMENT
 - RESTROOM FINISHES
 - NEW WINDOWS
 - NEW FURNITURE



ROOM NUM.	OSDM DESIGNATION	ROOM NAME	AREA
01	E-B5-5	CORRIDOR	2,812 SF
01A	E-B5-5	VEST.	44 SF
01B	E-B5-5	VEST	12 SF
01C	E-B5-2	CUST. CLOSET	18 SF
02	E-B5-5	CORRIDOR	421 SF
03	E-B5-5	CORRIDOR	1,192 SF
03A	E-B5-5	VEST	44 SF
04	E-B5-5	CORRIDOR	271 SF
05	E-B5-5	CORRIDOR	114 SF
06	E-B5-5	CORRIDOR	662 SF
06A	E-B5-5	VEST	31 SF
06B	E-B5-5	VEST	31 SF
07	E-B5-5	CORRIDOR	442 SF
07A	E-B5-5	VEST	47 SF
07B	E-B5-5	VEST	51 SF
08	E-B5-5	CORRIDOR	563 SF
09	E-B5-5	CORRIDOR	593 SF
10A	E-AD-1	RECEPTION	275 SF
100B	E-AD-1	ADMIN. AREA	151 SF
101	E-AC-3	CLASSROOM	827 SF
102	E-AC-3	CLASSROOM	827 SF
103	E-AC-3	CLASSROOM	827 SF
104	E-AC-3	CLASSROOM	811 SF
105	E-SE-2	WORK ROOM	132 SF
105A	E-SE-2	STOR.	22 SF
106	E-VA-2	KILN	160 SF
107	E-VA-3	ART STOR.	268 SF
109	E-VA-1	ART ROOM	1,069 SF
110	E-B5-1	BOYS	291 SF
110A	E-B5-10	RR	24 SF
111	E-B5-1	GIRLS	241 SF
111A	E-B5-10	RR	21 SF
112	E-AD-11	GUIDANCE OFFICE	162 SF
113	E-AD-6	WORK ROOM	204 SF
114	E-AD-4	PRINCIPAL OFFICE	256 SF
115	E-AD-1	ADMIN. STORAGE	240 SF
116	E-AD-4	A. PRIN. OFFICE	226 SF
117	E-AD-10	RR (W)	68 SF
118	E-AD-11	GUIDANCE OFFICE	194 SF
119	E-B5-5	CORRIDOR	216 SF
120	E-AD-5	CONF. ROOM	285 SF
121	E-SD-3	STAFF DINING	404 SF
122	E-B5-6	MECH. ROOM	433 SF
123	E-B5-6	VEST	41 SF
124	E-CU-2	CUST. OFFICE	84 SF
125	E-CU-1	WORK ROOM	133 SF
126	E-AD-7	STOR.	17 SF
127	E-B5-5	CORRIDOR	171 SF

ROOM NUM.	OSDM DESIGNATION	ROOM NAME	AREA
128	E-AD-1	STORAGE	41 SF
140	E-SE-2	WORK ROOM	82 SF
141	E-B5-2	CUST. CLOSET	88 SF
162	E-AD-10	RR (M)	70 SF
200	E-AC-3	CLASSROOM	1,081 SF
200B	E-AC-7	STOR.	21 SF
201	E-AC-3	CLASSROOM	1,050 SF
201B	E-AC-7	STOR.	21 SF
202	E-AC-3	CLASSROOM	812 SF
203	E-AC-3	CLASSROOM	846 SF
204	E-AC-3	CLASSROOM	827 SF
205	E-SE-2	WORK ROOM	294 SF
205A	E-SE-2	STOR.	22 SF
206	E-AC-3	CLASSROOM	827 SF
207	E-AC-3	CLASSROOM	827 SF
208	E-AC-3	CLASSROOM	827 SF
209	E-AC-3	CLASSROOM	827 SF
210	E-AC-3	CLASSROOM	827 SF
211	E-AC-3	CLASSROOM	827 SF
212	E-AC-3	CLASSROOM	851 SF
213	E-AC-3	CLASSROOM	824 SF
214	E-AC-3	CLASSROOM	848 SF
215	E-SE-2	WORK ROOM	164 SF
300	E-AC-3	CLASSROOM	827 SF
301	E-AC-3	CLASSROOM	827 SF
302	E-AC-3	CLASSROOM	827 SF
303	E-AC-3	CLASSROOM	827 SF
304	E-AD-14	CLINIC	401 SF
304A	E-AD-14	RR	86 SF
305	E-AC-3	CLASSROOM	827 SF
306	E-AC-3	CLASSROOM	827 SF
307	E-AC-3	CLASSROOM	827 SF
308	E-AC-3	CLASSROOM	845 SF
309	E-B5-1	BOYS	296 SF
309A	E-B5-10	RR	24 SF
310	E-B5-1	GIRLS	246 SF
310A	E-B5-10	RR	30 SF
311	E-AC-7	IMS	144 SF
400	E-MC-4	MAIN CONTROL/ EQPT RM	196 SF
401	E-AC-8	SMALL GROUP	291 SF
402	E-AD-15	IP OFFICE	140 SF
403	E-AD-15	IP OFFICE	135 SF
404	E-AD-15	IP OFFICE	211 SF
405	E-AD-4	IN-SCHOOL SUSPENSION	312 SF
406	E-MC-1	MEDIA	2,999 SF
407	E-MU-1	MUSIC ROOM	867 SF
407A	E-B5-5	VEST	41 SF
407B	E-B5-5	VEST	50 SF

ROOM NUM.	OSDM DESIGNATION	ROOM NAME	AREA
407C	E-MU-2	MUSIC STOR.	148 SF
407D	E-MU-1	MUSIC ROOM	218 SF
409	E-MC-3	WORKRM/STOR.	281 SF
500	E-FS-1a	KITCHEN	744 SF
501	E-SD-1	STUDENT DINING	2,853 SF
502	E-FS-1d	COOLER	132 SF
503	E-FS-1e	WARE WASH	160 SF
504	E-FS-1c	DRY STOR.	227 SF
505	E-FS-3	RR	52 SF
506	E-B5-2	CUST. CLOSET	40 SF
507	E-B5-7	STOR.	214 SF
508	E-B5-10	TOILET	47 SF
509	E-B5-10	TOILET	47 SF
510	E-SD-5	TOILET	99 SF
511	E-B5-5	CORRIDOR	922 SF
512	E-FS-1b	SERVING	490 SF
513	E-FS-2	OFFICE	79 SF
514	E-FS-1d	FREEZER	100 SF
515	E-AC-3	STORAGE ROOM	34 SF
516	E-B5-3	STORAGE	140 SF
600	E-PE-1	GYMNASIUM	7,212 SF
601	E-PE-2	STORAGE	267 SF
602	E-PE-2	OFFICE	102 SF
603	E-B5-4	DATA	143 SF
604	E-B5-3	(M) RESTROOM	252 SF
605	E-B5-1	(W) RESTROOM	253 SF
606	E-SD-4	TABLE STORAGE	322 SF
607	E-SD-2	PLATFORM	1,430 SF
608	E-B5-7	STOR.	230 SF
609	E-B5-5	CORRIDOR	594 SF
610	E-B5-6	MECH.	763 SF
611	E-B5-5	CORRIDOR	178 SF
Grand total			63,800 SF

1 FIRST FLOOR - COMPOSITE PLAN
1/16" = 1'-0"

FIRST FLOOR COMPOSITE PLAN

The Plains Intermediate School
Renovations & Addition
90 Connett Road
The Plains, Ohio 45780

PREPARED FOR:
Athens City School District
21 Birge Dr.
Chauncey, Ohio 45719



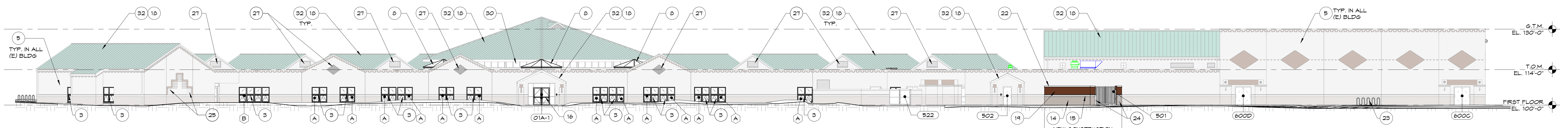
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CD 02/23/2021

COMM. NO.: 1905

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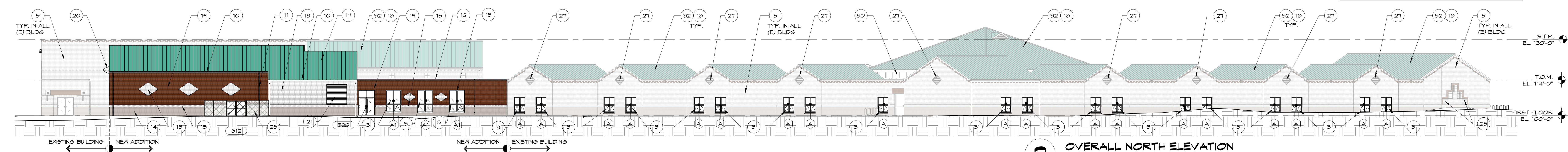
TONY R. SCHORR, LICENSE #8879
EXPIRATION DATE 12/31/2021

SIGNED: *Tony Schorr* DATE: _____

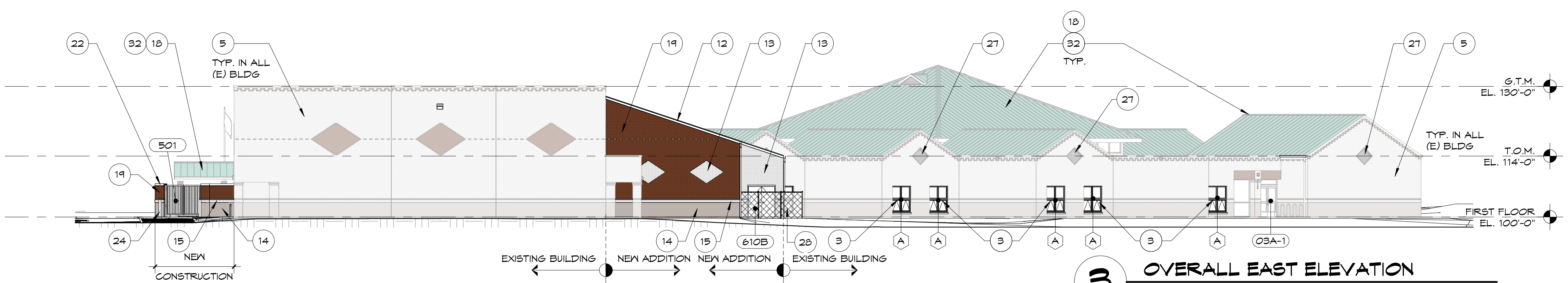


1 OVERALL SOUTH ELEVATION
1/16" = 1'-0"

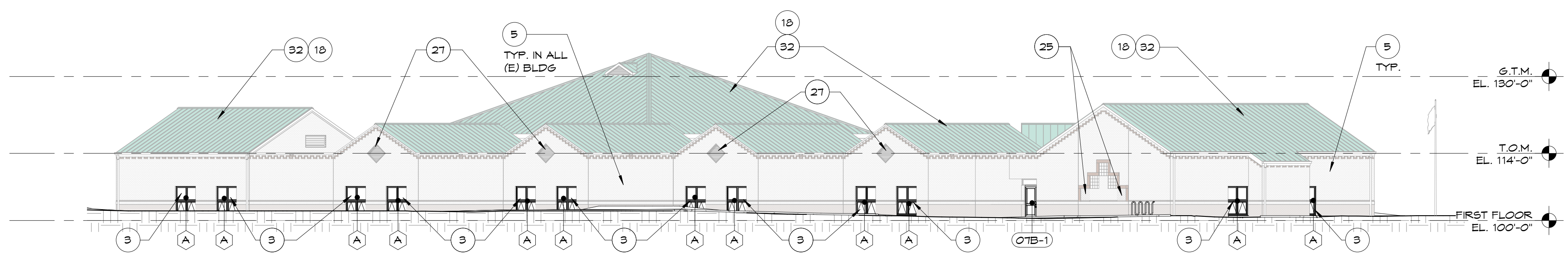
NOTE:
REFER TO ENLARGED ELEVATIONS FOR TYPICAL NOTES
AND IDENTIFICATION / COORDINATION OF BRICK TYPES,
ACCENT BANDS, WATERTABLE COURSING, CORBELS, AND
ACCENT DETAILING



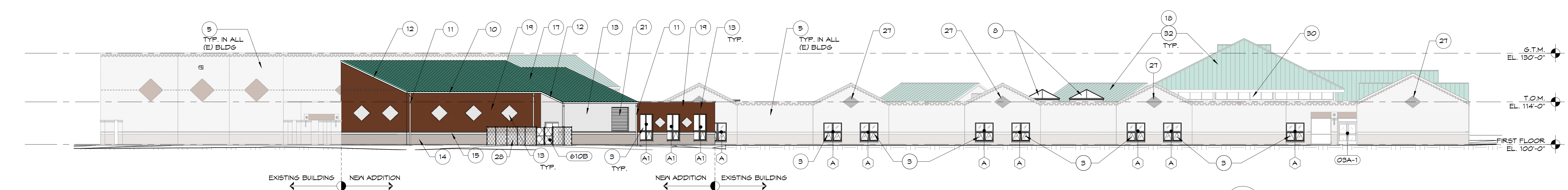
2 OVERALL NORTH ELEVATION
1/16" = 1'-0"



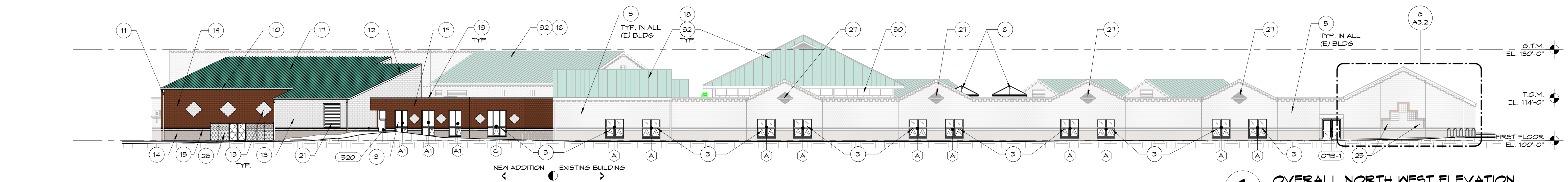
3 OVERALL EAST ELEVATION
1/16" = 1'-0"



4 OVERALL WEST ELEVATION
1/16" = 1'-0"



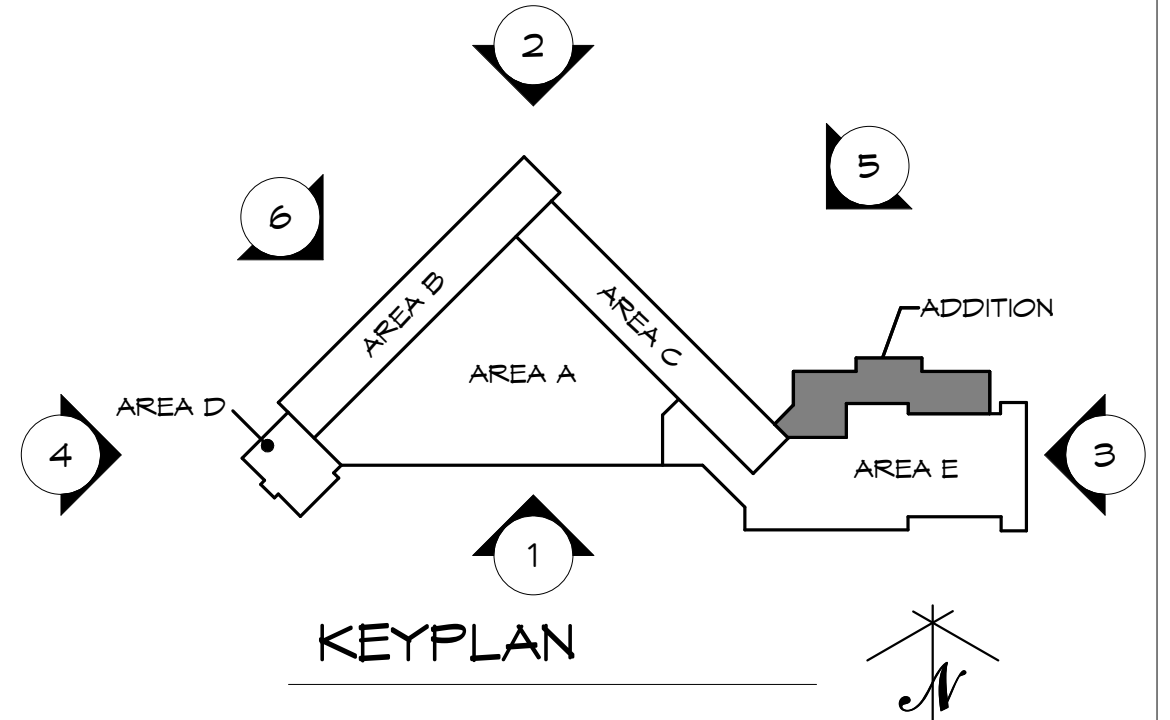
5 OVERALL NORTH EAST ELEVATION
1/16" = 1'-0"



6 OVERALL NORTH WEST ELEVATION
1/16" = 1'-0"

CODED NOTES - ELEVATIONS

- 3 NEW ALUMINUM INSULATED WINDOW REFER TO WINDOW SCHEDULE SHEET AW.1.
- 5 CLEAN AND SEAL EXISTING MASONRY.
- 9 EXISTING SKYLIGHTS TO BE REPLACED.
- 10 PRE-FINISHED METAL GUTTER, COLOR BY ARCHITECT.
- 11 PRE-FINISHED DOWNSPOUT, COLOR BY ARCHITECT.
- 12 PRE-FINISHED METAL FASCIA TRIM, COLOR BY ARCHITECT.
- 13 FACE BRICK (BR-1) RUNNING BOND COURSING, SEE SPECIFICATIONS.
- 14 FACE BRICK (BR-2) RUNNING BOND COURSING, SEE SPECIFICATIONS.
- 15 FACE BRICK (BR-1) RUNNING SOLDIER COURSING, SEE SPECIFICATIONS.
- 16 NEW ALUMINUM STOREFRONT DOORS.
- 17 NEW STANDING SEAM ROOF SYSTEM.
- 18 (ALTERNATE) EXISTING STANDING SEAM ROOF SYSTEM TO BE REPLACED.
- 19 FACE BRICK (BR-3) RUNNING BOND COURSING, SEE SPECIFICATIONS.
- 20 EXPOSED PORTION OF EXISTING ACCENT DIAMOND TO BE REMOVED AND REPLACED WITH SAVAGED EXISTING FIELD BRICK REMOVED FROM PLATFORM OPENINGS.
- 21 NEW PRE-FINISHED METAL LOUVER, REFER TO MECHANICAL DRAWINGS.
- 22 CONT. PRE-FINISHED METAL COPING, COLOR MATCH EXISTING.
- 23 BIKE RACKS REFER TO SD DRAWINGS FOR MORE INFO.
- 24 6" DIA BOLLARDS.
- 25 INFILL EXISTING GLASS BLOCK OPENING WITH SAVAGED BRICK (BR-1) AND STUD FRAMING/SYP BOARD ON INTERIOR.
- 27 EXISTING LOUVERS TO REMAIN AND TO BE BLANKED OFF. REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION.
- 28 6' HEIGHT CHAIN LINK FENCE W/ VINYL SLATS.
- 30 CLEAN AND PAINT EXISTING WOOD FRAMES ON EXISTING CLERESTORY WINDOWS.
- 32 EXISTING STANDING SEAM METAL ROOFING TO RECEIVE NEW TWO-COMPONENT URETHANE MASTIC COATING, TO BE DARK GREEN, COMPARABLE TO EXISTING COLOR.



OVERALL EXTERIOR ELEVATIONS

**The Plains Intermediate School
Renovations & Addition**
90 Connett Road
The Plains, Ohio 45780

PREPARED FOR:
Athens City School District
21 Birge Dr.
Chauncey, Ohio 45719



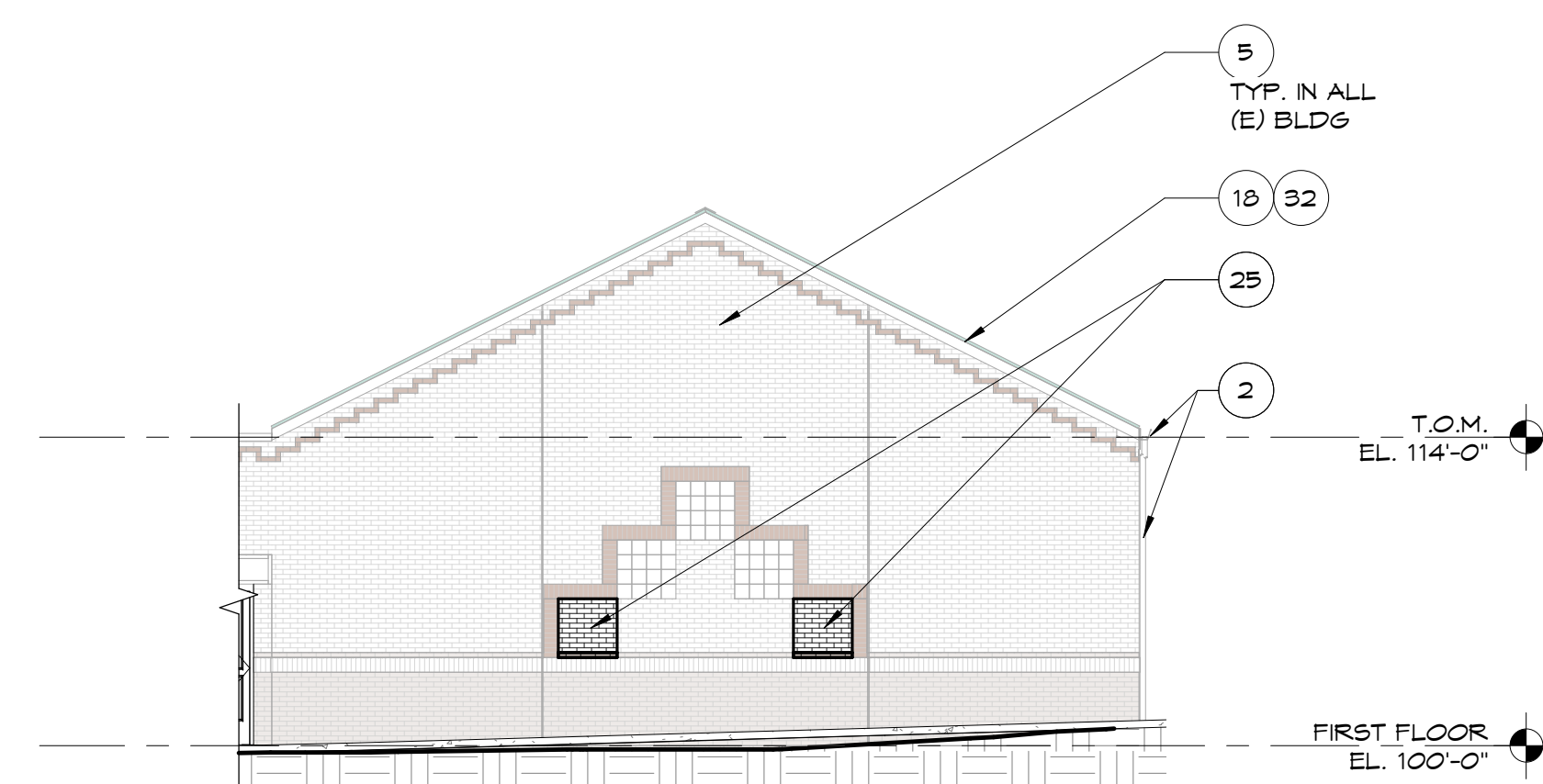
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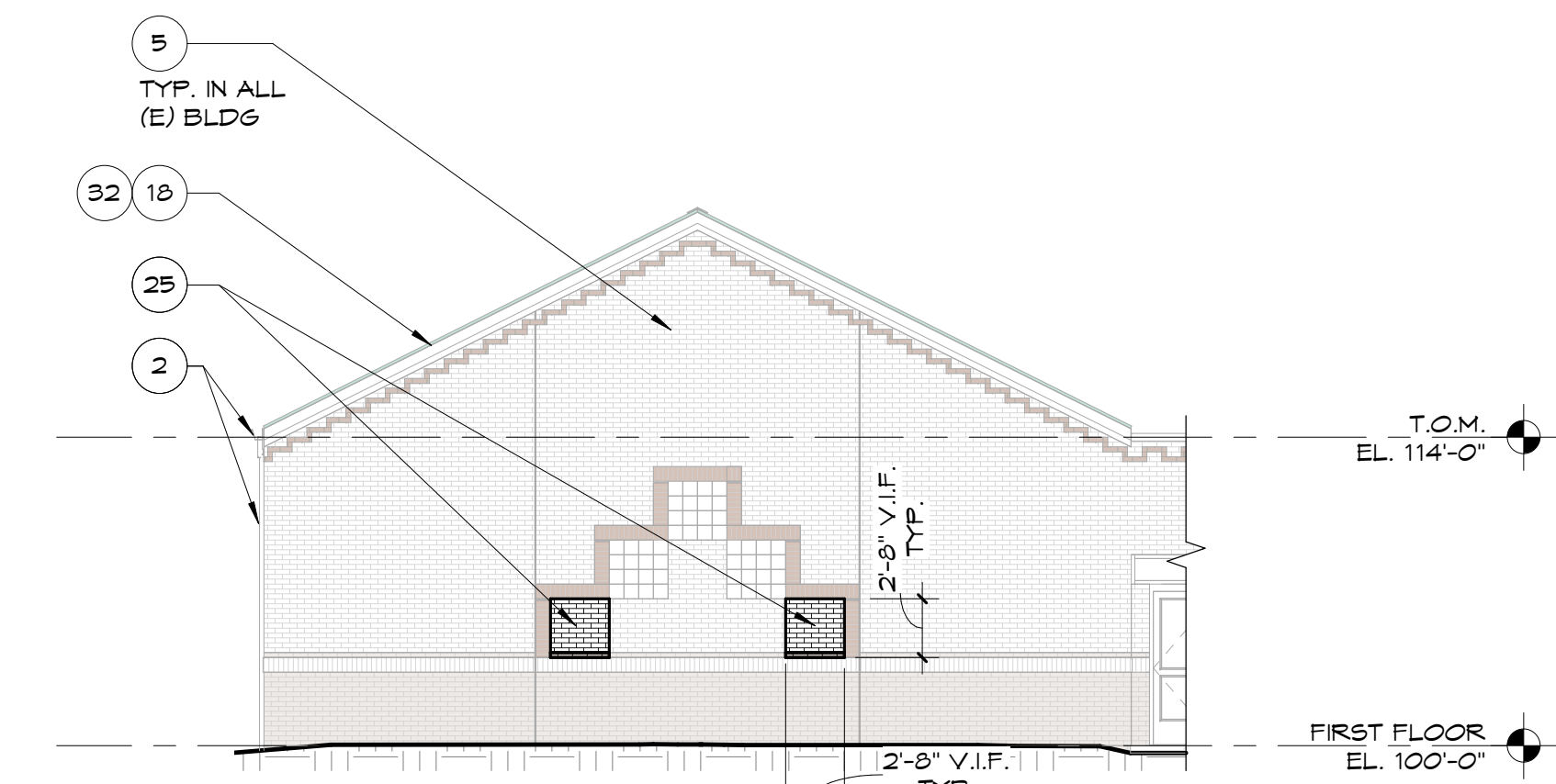


A3.1

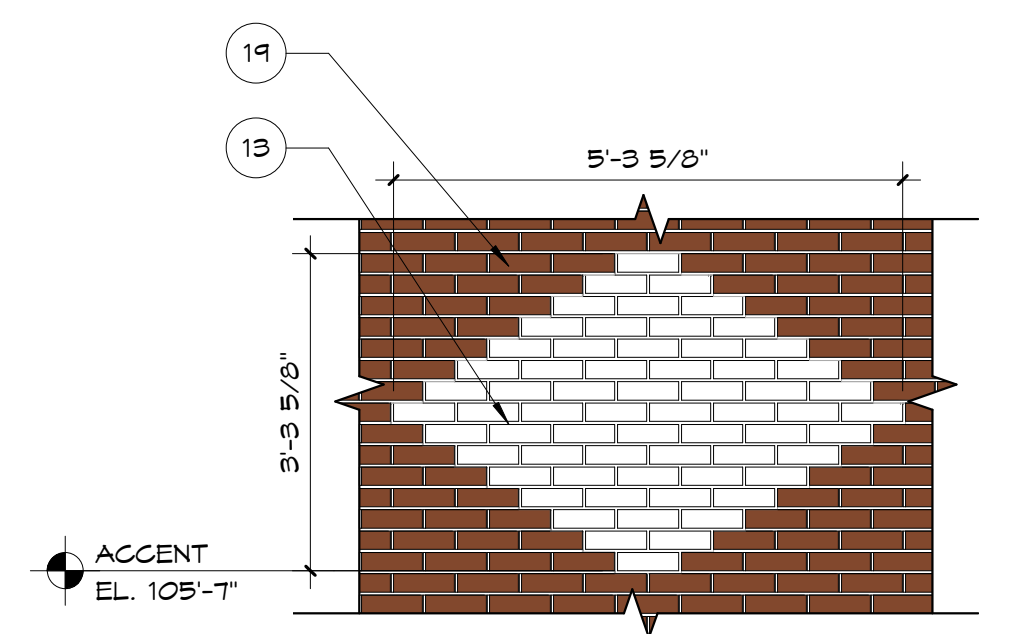
TONY R. SCHORR, LICENSE #8879
EXPIRES DATE 12/31/2021
SIGNED: Tony Schorr
DATE: 02-23-2021



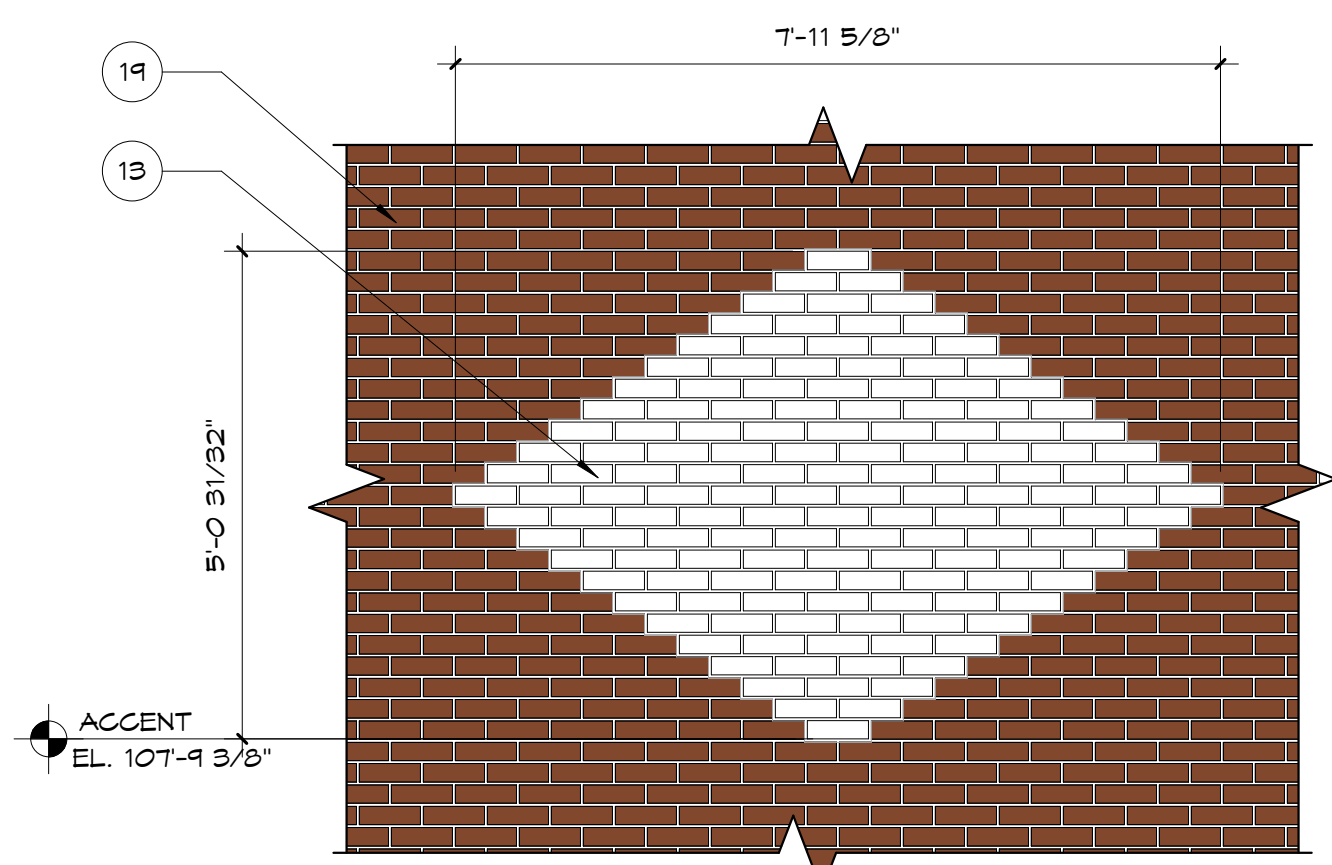
8 NORTH WEST ELEVATION
AREA D
1/8" = 1'-0"



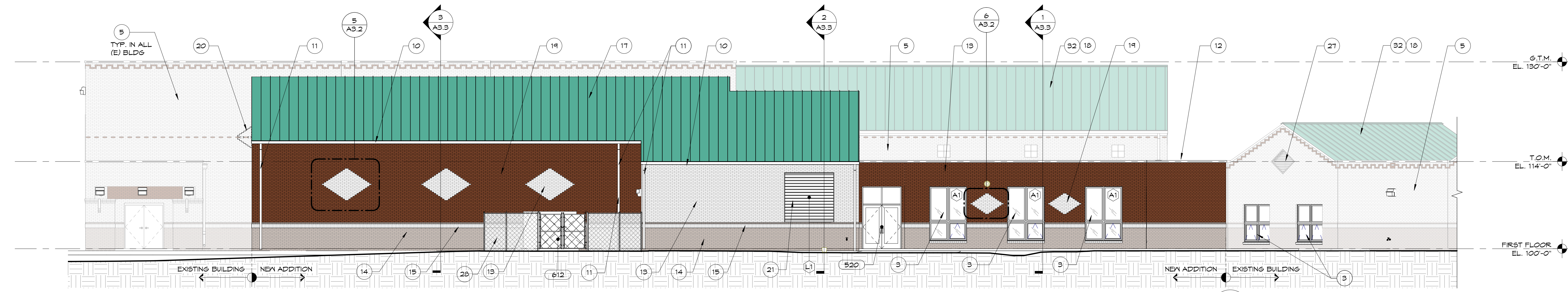
7 SOUTH EAST ELEVATION
AREA D
1/8" = 1'-0"



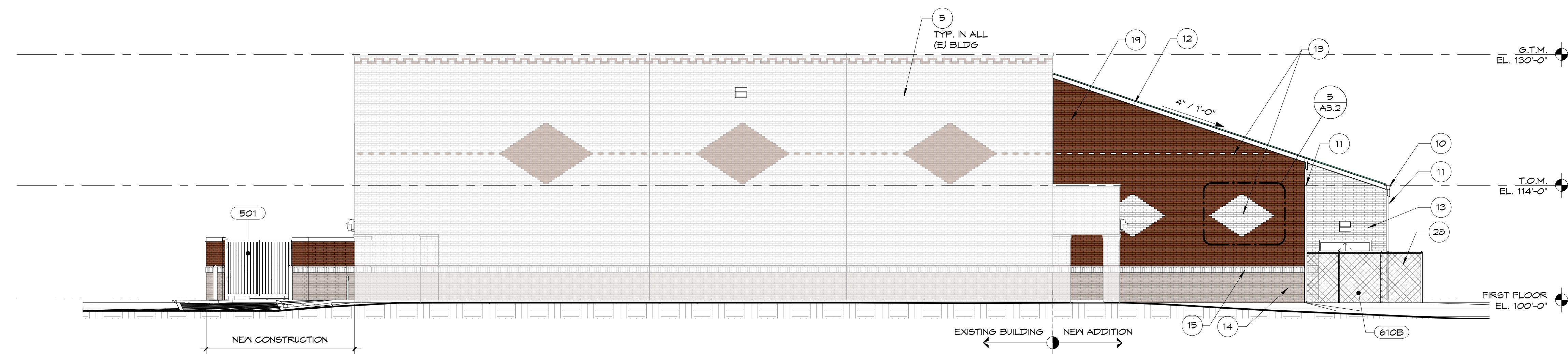
6 BRICK ACCENT DETAIL
1/2" = 1'-0"



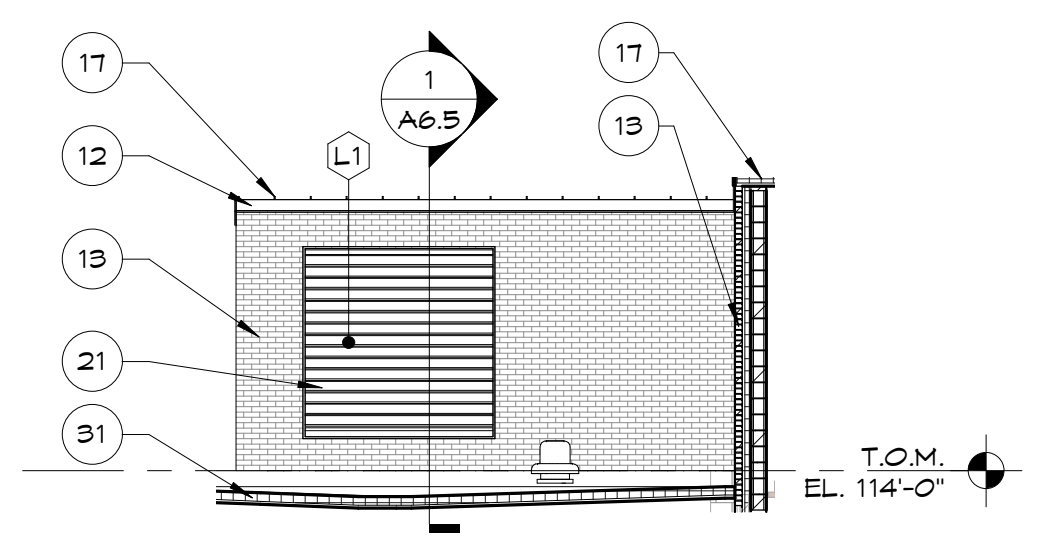
5 BRICK ACCENT DETAIL
1/2" = 1'-0"



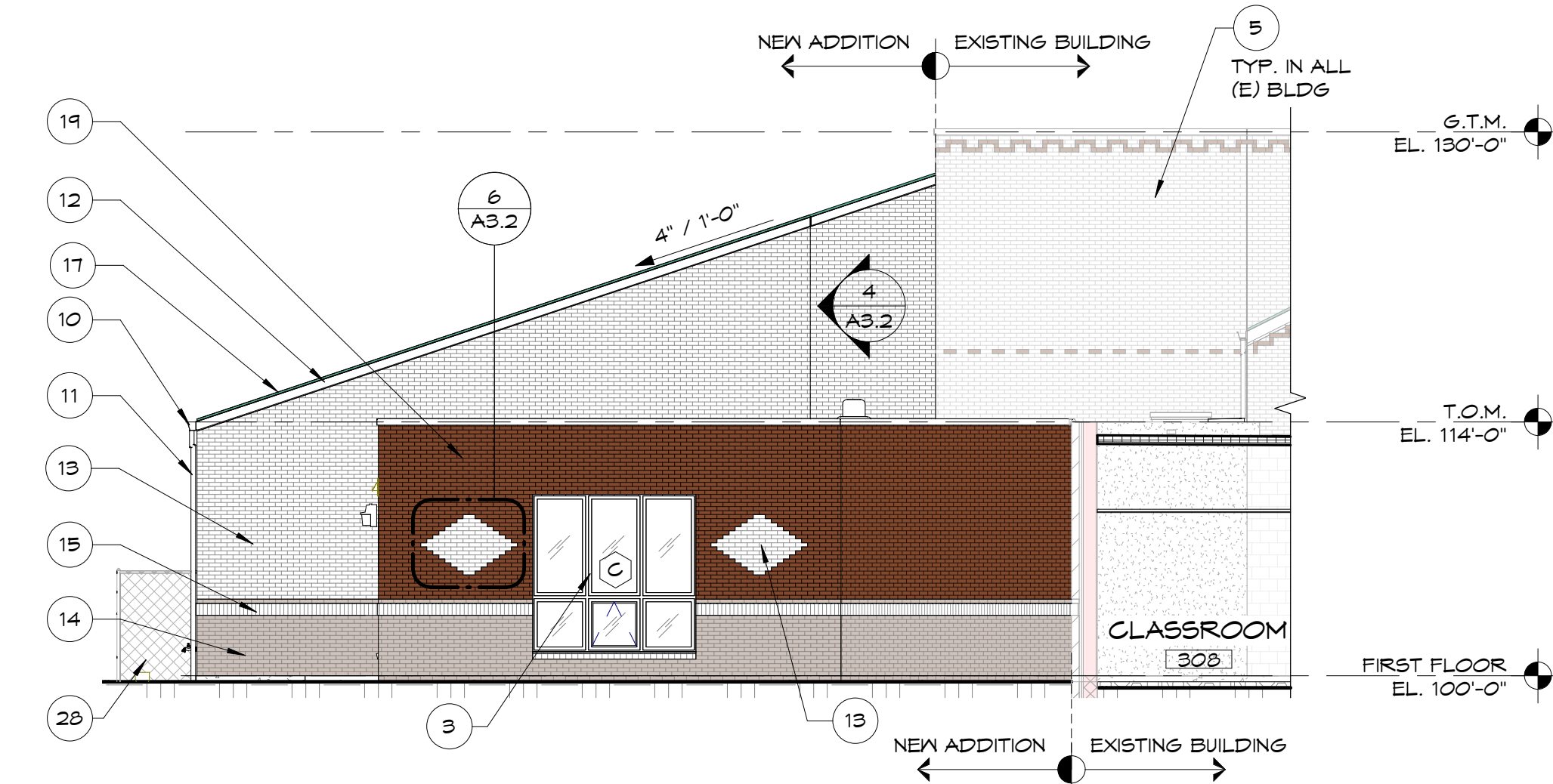
1 NORTH ELEVATION
1/8" = 1'-0"



2 EAST ELEVATION
1/8" = 1'-0"

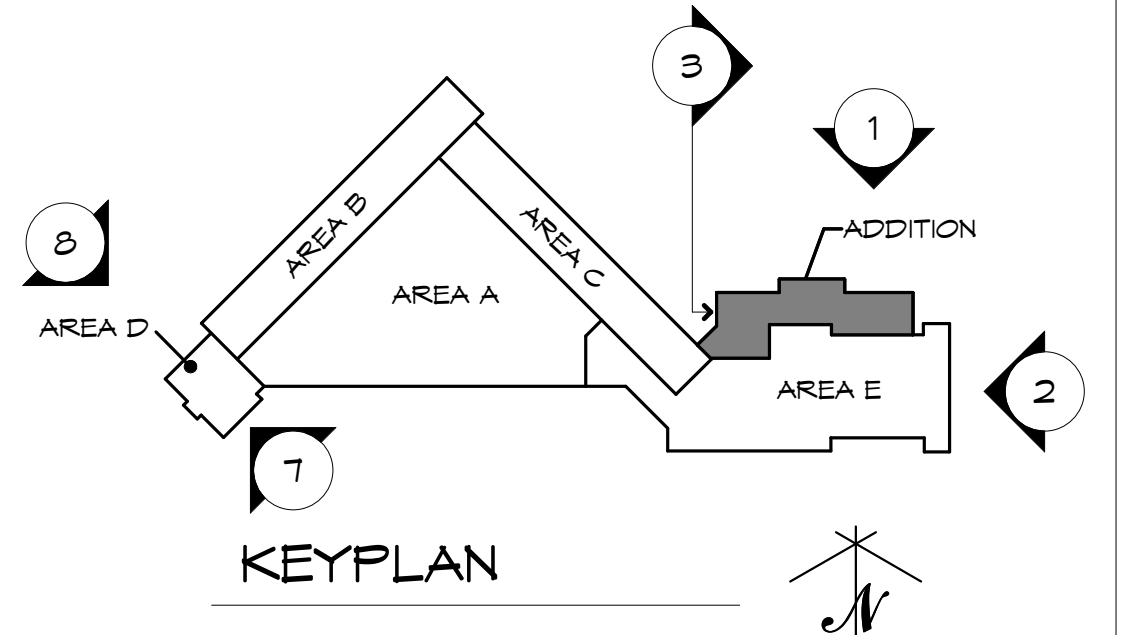


4 SOUTH ELEVATION
1/8" = 1'-0"



3 WEST ELEVATION
1/8" = 1'-0"

- CODED NOTES - ELEVATIONS**
- 2 EXISTING METAL GUTTER AND DOWNSPOUTS TO BE REPLACED.
 - 3 NEW ALUMINUM INSULATED WINDOW REFER TO WINDOW SCHEDULE SHEET A9.1.
 - 5 CLEAN AND SEAL EXISTING MASONRY.
 - 10 PRE-FINISHED METAL GUTTER, COLOR BY ARCHITECT.
 - 11 PRE-FINISHED DOWNSPOUT, COLOR BY ARCHITECT.
 - 12 PRE-FINISHED METAL FASCIA TRIM, COLOR BY ARCHITECT.
 - 13 FACE BRICK (BR-1) RUNNING BOND COURSE, SEE SPECIFICATIONS.
 - 14 FACE BRICK (BR-2) RUNNING BOND COURSE, SEE SPECIFICATIONS.
 - 15 FACE BRICK (BR-1) RUNNING SOLDIER COURSE, SEE SPECIFICATIONS.
 - 17 NEW STANDING SEAM ROOF SYSTEM.
 - 18 (ALTERNATE) EXISTING STANDING SEAM ROOF SYSTEM TO BE REPLACED.
 - 19 FACE BRICK (BR-3) RUNNING BOND COURSE, SEE SPECIFICATIONS.
 - 20 EXPOSED PORTION OF EXISTING ACCENT "DIAMOND" TO BE REMOVED AND REPLACED WITH SAVAGED EXISTING FIELD BRICK REMOVED FROM PLATFORM OPENING.
 - 21 NEW PRE-FINISHED METAL LOUVER, REFER TO MECHANICAL DRAWINGS.
 - 25 INFILL EXISTING GLASS BLOCK OPENING WITH SAVAGED BRICK (BR-1) AND STUD FRAMING/GYP BOARD ON INTERIOR.
 - 27 EXISTING LOUVERS TO REMAIN AND TO BE BLANKED OFF. REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION.
 - 6 HEIGHT CHAIN LINK FENCE IV VINYL SLATS.
 - 31 EXISTING ROOF MEMBRANE, REFER TO ROOF PLAN FOR MORE INFORMATION.
 - 32 EXISTING STANDING SEAM METAL ROOFING TO RECEIVE NEW TWO-COMPONENT URETHANE ELASTIC COATING, TO BE DARK GREEN, COMPARABLE TO EXISTING COLOR.



EXTERIOR BUILDING ELEVATIONS

The Plains Intermediate School
Renovations & Addition
90 Connett Road
The Plains, Ohio 45780

PREPARED FOR:
Athens City School District
21 Birge Dr.
Chauncey, Ohio 45719



SD 03/06/2020	
DD 09/29/2020	
CD 02/23/2021	

COMM. NO.: 1905

A3.2

STATE OF OHIO
REGISTERED ARCHITECT
TONY R. SCHORR
LICENSE #8879
EXPIRES 12/31/2021
SIGNED: Tony Schorr DATE: 02-23-2021