ADDENDUM NO.2

South Putnam Middle School/High School Fieldhouse Addition

South Putnam Community School Corporation Greencastle, Indiana

Project No. 222152.03

Index of Contents

Addendum No. 2, 7 items, 2 pages Revised Drawing Sheets: C0.0, C0.1, C2.0, C5.0, C8.0, L1.00, A-201, Al601, AR101, P-601, E-601, EP101, EP102, ER101, ES102, T-11A, and T-11B

Date: June 20, 2024

I hereby certify that this Addendum was prepared by me or under my direct supervision and that I am a duly registered Architect/Engineer under the Laws of the State of Indiana.

FANNING/HOWEY ASSOCIATES, INC. ARCHITECTS/ENGINEERS/CONSULTANTS



Paul A. Miller, License No. AR10800161 Expiration Date: 12/31/2025

TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 2 to Drawings and Project Manual, dated May 23, 2024, for South Putnam Community School Corporation, 3999 South US Highway 231, Greencastle, Indiana 46135; as prepared by Fanning/Howey Associates, Inc., Indianapolis, Indiana.

This Addendum shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

The following clarifications, amendments, additions, revisions, changes, and modifications change the original Contract Documents only in the amount and to the extent hereinafter specified in this Addendum.

Each bidder shall acknowledge receipt of this Addendum in his proposal or bid.

NOTE: Bidders are responsible for becoming familiar with every item of this Addendum. (This includes miscellaneous items at the very end of this Addendum.)

RE: ALL BIDDERS

ITEM NO. 1. ADDENDUM NO. 1:

- A. New Project Manual Section 21 41 00 Fire Suppression Underground Tank Storage:
 - 1. DELETE AND REPLACE

Article C. Design Criteria : 1.C.1.1 Tank Size

in its entirety and replace with the following:

"The underground single wall tank shall have a diameter of twelve (12) ft. with a length of fifty (50) ft. - one (1) in."

2. DELETE AND REPLACE

Article C. Design Criteria : 1.C.1.2 Tank Size

in its entirety and replace with the following:

"Total usable storage volume shall be thirty-seven thousand (37,000) gallons."

ITEM NO. 2. PROJECT MANUAL, SECTION 13 34 19 – METAL BUILDING SYSTEMS

A. Article 2.11, A., 1: Change "24 gauge" to "<u>26 gauge</u>" at end of sentence.

ITEM NO. 3. PROJECT MANUAL, SECTION 28 46 21.11 – ADDRESSABLE FIRE-ALARM SYSTEMS

A. MODIFY Article 2.1 as follows:

"EXISTING FIRE ALARM TO BE REPLACED BY SIMPLEX SYSTEM"

ITEM NO. 4. <u>REVISED DRAWING SHEETS</u>

A. Drawing Sheets: C0.0, C0.1, C2.0, C5.0, C8.0, L1.00, A-201, Al601, AR101, P-601, E-601, EP101, EP102, ER101, ES102, T-11A, and T-11B have been revised, dated 06/20/24 and are included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

Addendum No. 2 South Putnam Middle School/High School Fieldhouse Addition South Putnam Community School Corporation

ITEM NO. 5. DRAWING SHEET P-501:

A. Detail 8:

"Fire Protection Water Storage Tank Detail add the following: First backfill shall be #7 or #8 crushed stone meeting ASTM C-33 up to at least half of the tank diameter. Primary backfill material must be free of debris, large rocks, ice, sand, dirt and organic material. A layer of geotextile filter fabric must be installed over the entire surface of the primary backfill to separate the secondary backfill from the primary backfill. 100% of all secondary backfill shall pass through a 1" sieve, meeting ASTM D-448, ASTM C-33 and AASHTO M 43. Backfill material must be clean, free flowing and cannot be frozen during placement / compaction. Reference the tank manufacturers installation guide for additional requirements."

SOUTH PUTNAM HIGH SCHOOL POOL RENOVATION (ALTERNATE)

ITEM NO. 6. PROJECT MANUAL, SECTION 23 34 16 - CENTRIFUGAL HVAC FANS

A. Add subparagraph 2.2, A., 6., to read "<u>Pennbarry</u>".

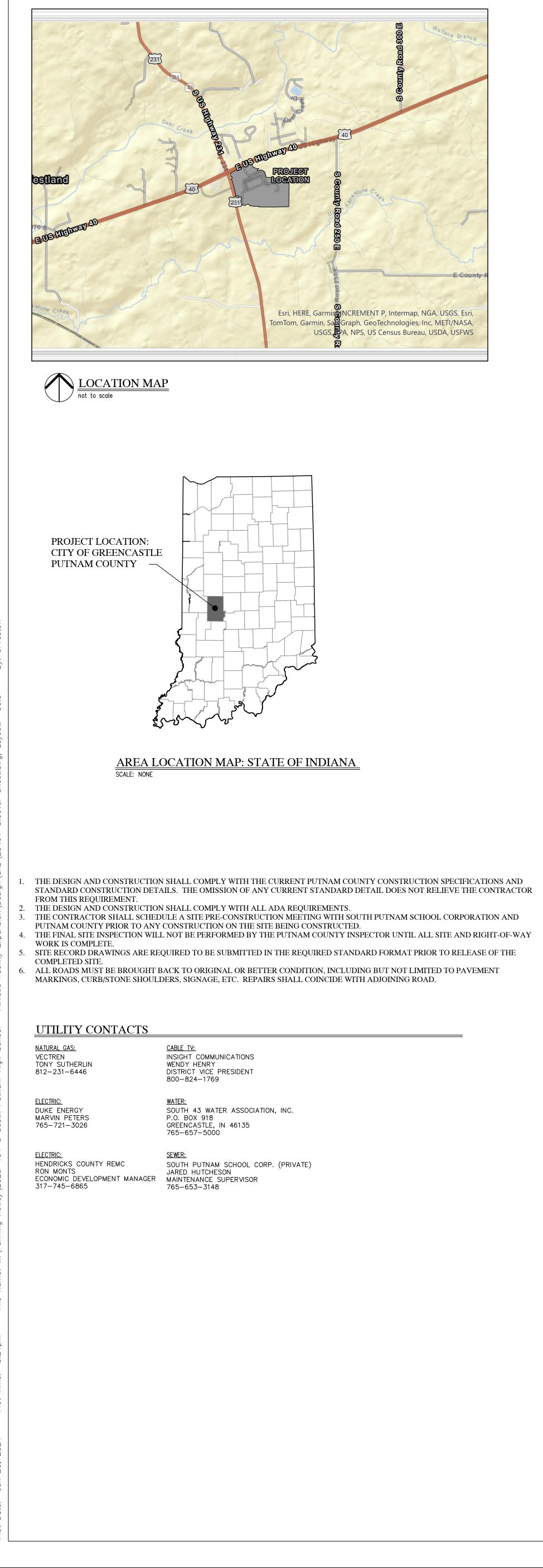
ITEM NO. 7. PROJECT MANUAL, SECTION 23 37 13.23 – DIFFUSERS, REGISTERS AND GRILLES

- A. Add subparagraph 2.1.A.1.h to read "KREUGER-HVAC; BRAND OF JOHNSON CONTROLS INTERNATIONAL PLC, GLOBAL PRODUCTS."
- B. Add subparagraph 2.2.A.1.i to read "Metalaire."
- C. Add paragraph 2.2.B Louvers to read"

"2.2.B. LOUVERS:

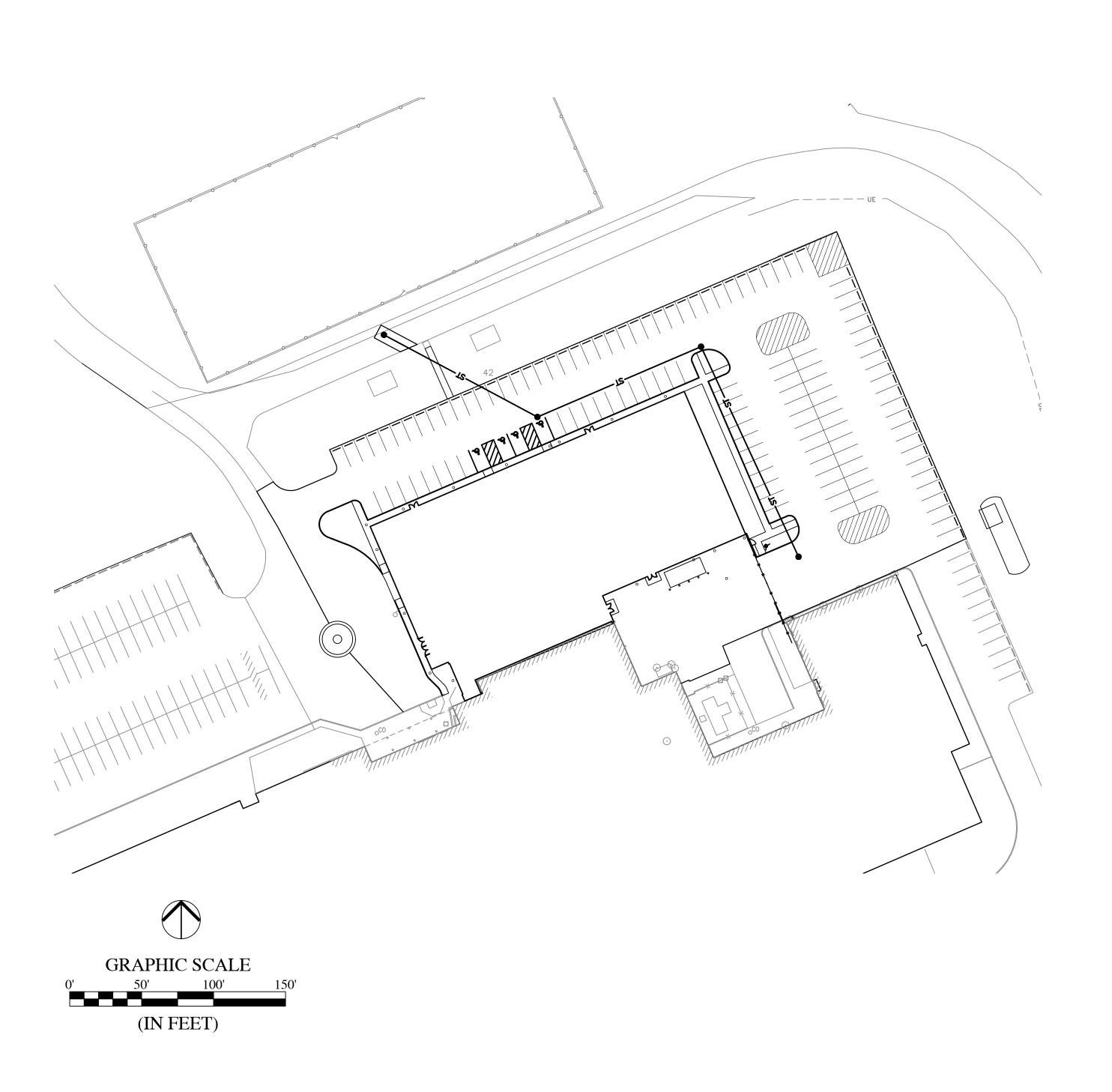
- 1. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS PER SCHEDULE ON DRAWING M601, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING:
 - a. POTTORFF
 - b. GREENHECK
 - c. RUSKIN
 - d. AMERICAN WARMING AND VENT"

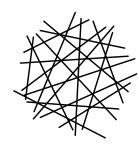
END OF ADDENDUM



SOUTH PUTNAM HIGH SCHOOL **CONSTRUCTION DOCUMENTS**

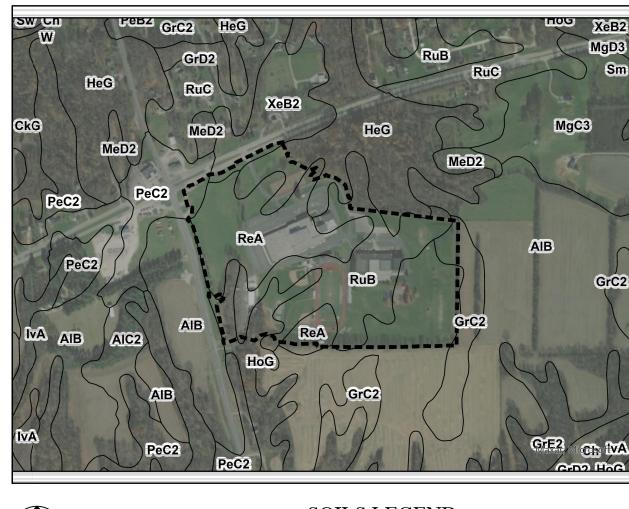
1780 EAST U.S. HIGHWAY 40, GREENCASTLE, IN 46135 JUNE 20, 2024 ADDENDUM #2





HWC





SOILS MAP

SOILS LEGEND

Parke silt loam, 6 to 12 percent slopes, eroded Russell silt loam, 2 to 6 percent slopes Alford silt loam, 2 to 6 percent slopes Grayford silt loam, 6 to 12 percent slopes, eroded Hennepin loam, 25 to 50 percent slopes Xenia silt loam, 2 to 6 percent slopes, eroded Hickory loam, 25 to 70 percent slopes

Reesville silt loam, 0 to 2 percent slopes

SHEET LIST TABLE

Sheet Title	Sheet Description
C0.0	COVER SHEET
C0.1	GENERAL NOTES
C1.0	EXISTING CONDITIONS & DEMOLITION PLAN
C2.0	SITE IMPROVEMENTS PLAN
C3.0	PRE CONSTRUCTION EROSION CONTROL PLAN
C3.1	POST CONSTRUCTION EROSION CONTROL PLAN
C4.0	GRADING & DRAINAGE PLAN
C5.0	UTILITY PLAN
C6.0	STORM SEWER PLAN & PROFILE
C7.0	STORMWATER POLLUTION PREVENTION NOTES
C7.1	STORMWATER POLLUTION PREVENTION DETAILS
C8.0	CONSTRUCTION DETAILS

VERTICAL DATUM:

CGS C 62 RESET 1949 ELEVATION 732.79 (NAVD 88) A STANDARD DISK SET 1.4 MILES EAST ALONG U.S. HIGHWAY 40 FROM THE OST OFFICE AT PUTNAMVILLE, PUTNAM COUNTY, 1.2 MILES WEST OF JUNCTION OF STATE HIGHWAY 43, AT THE EAST END OF A WEIGHING STATION, AT A 2-FOOT BY 3-FOOT CONCRETE BOX CULVERT, IN THE TOP OF THE SOUTH HEADWALL, AND 75 FEET SOUTH OF THE CENTERLINE OF THE EAST-BOUND LANE OF THE HIGHWAY.

CSC TBM #1380 ELEVATION 804.12

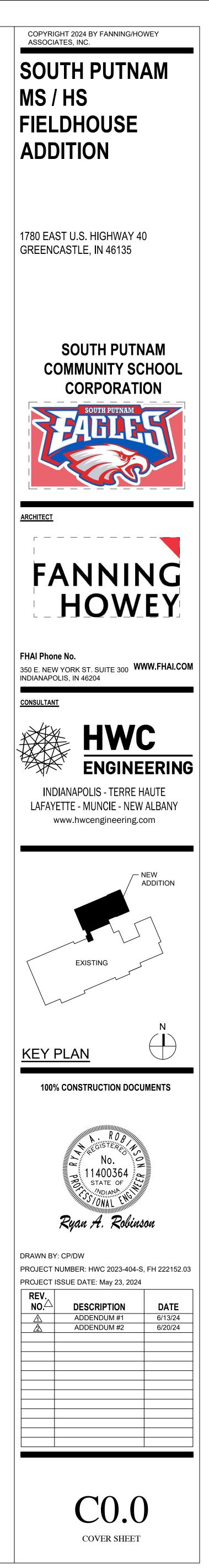
CUT "X" SET IN THE NORTHEAST MOST BOLT OF A FIRE HYDRANT LOCATED APPROXIMATELY 1,780.7 FEET SOUTH OF THE PHYSICAL CENTERLINE OF THE EAST BOUND LANE OF U.S. HIGHWAY 40 AND APPROXIMATELY 2,063.6 FEET EAST OF THE PHYSICAL CENTERLINE OF U.S. HIGHWAY 231.

ELEVATION 770.83 CSC TBM #2930 CUT "X" SET IN THE NORTHWEST MOST BOLT OF A FIRE HYDRANT LOCATED APPROXIMATELY 758.5 FEET SOUTH OF THE PHYSICAL CENTERLINE OF THE EAST BOUND LANE OF U.S. HIGHWAY 40 AND APPROXIMATELY 1,172.0 FEET EAST OF

THE PHYSICAL CENTERLINE OF U.S. HIGHWAY 231. ELEVATION 773.76 CSC TBM #4533

CUT "X" SET IN A CONCRETE RIGHT OF WAY MONUMENT LOCATED APPROXIMATELY 59.5 FEET SOUTH OF THE PHYSICAL CENTERLINE OF THE EAST BOUND LANE OF U.S. HIGHWAY 40 AND APPROXIMATELY 622.3 FEET EAST OF THE PHYSICAL CENTERLINE OF U.S. HIGHWAY 231.

THE DESIGN AND CONSTRUCTION SHALL COMPLY WITH ALL ADA REQUIREMENTS AND LOCAL JURISDICTION CONSTRUCTION SPECIFICATIONS AND STANDARD DETAILS. THE OMISSION OF ANY CURRENT STANDARD DETAIL DOES NOT RELIEVE THE CONTRACTOR FROM THIS REQUIREMENT.



OVERALL PROJECT GENERAL NOTES:	SITE IMPROVEMENTS NOTES
1. SURVEY PREPARED BY: HWC ENGINEERING 135 NORTH PENNSYLVANIA STREET, SUITE 200 INDIANAPOLIS, INDIANA 46204	CONTRACTOR SHALL VERIFY ALL DIMENSISHALL BE RESPONSIBLE FOR ALL FIELD CONTRACTOR SHALL BE RESPONSIBLE F FORUME ADDULTE ADDULT OF SITE ADD
317-347-3663 2. CONTRACTOR SHALL PERFORM ALL MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH STATE AND LOCAL STANDARDS AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION). THE REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT TO BE LIMITED TO NORMAL WORKING HOURS.	ENSURE ACCURATE LAYOUT OF SITE IMP 3. UNLESS NOTED OTHERWISE, ALL DIMENS SIDEWALK, FACE OF CURB, OR OUTSIDE
CONTRACTOR SHALL, AT A MINIMUM, PROVIDE TRAFFIC CONTROL AS REQUIRED TO SAFELY PROTECT THI GENERAL PUBLIC, THE CONTRACTOR'S WORK FORCES AND THE WORK. 3. CONTRACTOR SHALL COMPLY WITH ANY AND ALL SAFETY REGULATIONS AND REQUIREMENTS RELATED TO	5. FOLLOWING THE COMPLETION OF ALL UN
THE PROPOSED WORK. SAFETY PROVISIONS FOR THE WORK SHALL BE IN FULL COMPLIANCE WITH ALL APPLICABLE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND ANY OTHER LOCAL, STATE OR FEDERAL AGENCY HAVING JURISDICTION. IN ACCORDANCE W	WHEN THICKNESS OF COMPACTED AGGR LAYERS, WITH NO LAYER MORE THAN 6 COMPACT WITH A MEDIUM WEIGHT SMOC
GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETEL RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THE OPTION OF THE OWNER AND/OR ENGINEER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF	TAMPERS.
THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL BARRICADES, FENCES, WARNING SIGNS, FLASHING LIGHTS, TEMPORARY WALKWAYS AND OTHER SAFETY MEASURES DURING	PAVEMENT DESIGN INFORMATION. 7. THE CONNECTION OF NEW PAVEMENT TO MATCH EXISTING GRADES AND PROFILES
CONSTRUCTION. 5. ALL WORK SHALL CONFORM TO FEDERAL, STATE AND LOCAL REGULATIONS.	AND PROPOSED ASPHALT PAVEMENTS. PAVEMENT SHALL BE PROPERLY SEALED ASPHALT PAVEMENT IS INDICATED TO J
 CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES AND PERMITS REQUIRED FOR WORK. PLANS AND SPECIFICATIONS REFERENCE ARCHITECT, ENGINEER AND LANDSCAPE ARCHITECT INTERCHANGEABLY THROUGHOUT. 	8. UNLESS NOTED OTHERWISE, ALL PAVEMI PAINTED WITH WHITE LATEX, WATERBORI COMPLYING WITH FS TT-P-1952. APPL PRODUCE CLEAN, STRAIGHT AND UNIFOR
 NO CHANGES SHALL BE MADE TO THE PROPOSED WORK WITHOUT WRITTEN APPROVAL OF ENGINEER. ANY DEVIATIONS OF THE EXISTING CONDITIONS FROM THOSE SHOWN ON THE PLANS THAT AFFECT THE IMPROVEMENTS SHALL BE REPORTED TO THE ENGINEER BEFORE CONSTRUCTION PROCEEDS AT THAT 	PRODUCE A MINIMUM 12 TO 15 MILS DF 9. PORTLAND CEMENT SHALL CONFORM TO MANUFACTURER OF APPROVED CEMENT
 IMPROVEMENTS SHALL BE REPORTED TO THE ENGINEER BEFORE CONSTRUCTION PROCEEDS AT THAT LOCATION. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING SURVEY MONUMENTS. ANY MONUMENT DISTURBED OR DESTROYED DURING CONSTRUCTION ACTIVITY SHALL BE REPLACED BY A LICENSED SURVE 	COARSE AGGREGATES SHALL CONFORM POTABLE, CLEAN AND FREE FROM OILS, MAY BE DELETERIOUS TO CONCRETE OR
 CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING BENCHMARKS. IF BENCHMARKS ARE TO BE DISTURBED OR REMOVED AS PART OF THE WORK, CONTRACTOR SHALL HAVE A LICENSED SURVEYOR ESTABLISH ANOTHER BENCHMARK AT A LOCATION OUT OF HARM'S WAY 	FABRIC OR WIRE MESH SHALL CONFORM BE CUT AND BENT IN ACCORDANCE WIT REINFORCING BARS" FOR PLACING AND
2. EXCAVATION AND DISPOSAL OF MATERIAL SHALL BE DONE IN ACCORDANCE WITH ALL FEDERAL, STATE, LOCAL LAWS, CODES, AND ENVIRONMENTAL REGULATIONS. CONTRACTOR SHALL CEASE EXCAVATION ACTIVITIES AND NOTIFY THE OWNER AND ARCHITECT IMMEDIATELY IF CONTAMINATED SOIL OR OTHER ENVIRONMENTAL HAZARD IS ENCOUNTERED.	AND 11. ALL CONCRETE USED SHALL BE CLASS OF 4,000 PSI, 6–1/2 BAGS, 2 TO 4 IN SHALL BE PROPORTIONED IN ACCORDAN DELIVERED, AND PLACED IN ACCORDAN
13. CONTRACTOR SHALL ADJUST ELEVATION OF ANY SURFACE FEATURE (RIM, GRATE, HYDRANTS, VALVES, HAND HOLES, CASTINGS, IRRIGATION SYSTEM, UTILITY PEDESTALS, ETC.) AS AFFECTED BY NEW CONSTRUCTION OR GRADING.	BE MORTAR TIGHT. THE FORMS AND AS AND SHALL BE CONSTRUCTED SO THAT
14. CONTRACTOR SHALL REPAIR OR REPLACE ANY EXISTING SITE AREAS OR IMPROVEMENTS DAMAGED DURI CONSTRUCTION TO AT LEAST THE CONDITION THAT EXISTED BEFORE CONSTRUCTION.	CUNCRETE IS POURED. REMOVE FORMS
5. COORDINATE WORK ON CIVIL DRAWINGS WITH ARCHITECTURAL, ELECTRICAL, MECHANICAL, PLUMBING, ANI STRUCTURAL WORK.	D 13. ALL CONCRETE SHALL BE PLACED IN AU UNIFORMLY CONSOLIDATED USING A MEG 306R FOR COLD WEATHER PLACEMENT PLACED CONCRETE FROM PREMATURE D CURING.
TILITY GENERAL NOTES:	14. CONCRETE SAW CUTTING SHALL BE DON WEIGHT. PROVIDE A NEAT, STRAIGHT CU FROM PROPOSED SIDEWALK OR CONCRE
UNDERGROUND INFORMATION SHOWN ON THE DRAWINGS HAS BEEN DETERMINED FROM THE BEST AVAILA INFORMATION AND IS GIVEN FOR THE CONTRACTOR'S BENEFIT. CONTRACTOR SHALL CONTACT 811 FOR LOCATION OF EXISTING UNDERGROUND UTILITIES BEFORE EXCAVATION BEGINS.	15. ALL CONSTRUCTION JOINTS SHALL BE S WITH THE APPROPRIATE SEALANT ACCO
2. CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR PROTECTING ALL UTILITIES IN THE WORK AREA WHETHER SHOWN OR NOT, AND SHALL REALIZE THAT THE ACTUAL LOCATION OF THE UTILITIES MAY BE DIFFERENT FROM THAT SHOWN ON THE DRAWINGS. ALL EXISTING UTILITIES ENCOUNTERED, WHETHER IN PUBLIC RIGHTS OF WAY OR ON PRIVATE PROPERTY, SHALL BE THE CONTRACTORS RESPONSIBILITY TO	
MAINTAIN IN SERVICE. ANY UTILITIES WHICH CAN BE REMOVED DURING CONSTRUCTION WITHOUT UNDUE INTERRUPTION TO SERVING BE REMOVED AND REPLACED BY THE CONTRACTOR WITH THE PERMISSION OF THE UTILITY.	1. CONTRACTOR SHALL REFER TO THE GEO
. THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OR RESUMPTION OF WORK WHICH COULD DISRUPT THE RESPECTIVE UTILITY SERVICE. CONTRACTOR SHALL COORDINATE ANY DISRUPTION OF AN ACTIVE UTILITY SERVICE WITH ENGINEER, OWN	VER, 2. EARTHWORK SHALL BE COMPLETED IN A
AND UTILITY COMPANY. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY FOR DIRECTION SHOULD UNCHARTED, INCORRECTLY CHARTED OR OTHER UTILITIES BE ENCOUNTERED DURING CONSTRUCTION. ANY DEVIATIONS FROM THE UTILITY LOCATIONS OR ELEVATIONS FROM THOSE SHOWN ON THE PLANS SHALL BE REPORTED TO THE	SPECIFICATIONS. THE CONTRACTOR SHA STARTING EARTHWORK OPERATIONS. 3. THE CONTRACTOR SHALL EMPLOY A QU
CONTRACTOR SHALL UNCOVER ALL TIE-IN AND CROSSING LOCATIONS PRIOR TO ANY UNDERGROUND PIF	COMPACTED FILLS. ALL SUBGRADES ANI SPECIFIED BELOW. BASED UPON REPORT PE ARE BELOW SPECIFIED DENSITIES REQUI
INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION OF ALL EXISTING UTILITIES WHICH ARE CONFLICT WITH THE IMPROVEMENTS SHOWN ON THE SITE PLANS. IF MINOR UTILITY CONFLICTS ARISE, CONTRACTOR MAY SHIFT THE LOCATION OF THE PROPOSED IMPROVEMENTS AFTER NOTIFYING ENGINEER.	STRIPPED TOPSOILS SHALL BE STOCKPI
3. REFER TO BUILDING PLANS FOR ALL INFORMATION REGARDING UTILITY LAYOUT AND DETAILS WITHIN THE BUILDING AND EXTENDING OUT 5-FEET FROM EXTERIOR FACE OF BUILDING. ALL MECHANICAL, ELECTRIC	CLAY LUMPS, BRUSH, AND OTHER LITTE AND UNSUITABLE SUBSOILS SHALL BE S AL, THE DEPTH OF STRIPPING OF SURFACE
AND PLUMBING DESIGN AND COORDINATION SHALL BE THE RESPONSIBILITY OF CONTRACTOR. ALL UTILITY MATERIALS AND INSTALLATION SHALL CONFORM TO LOCAL STANDARDS FOR EACH UTILITY AGENCY HAVING JURISDICTION.	SHALL DESIGNATE ON-STIE LOCATIONS REMOVE TOPSOILS AND UNSUITABLE SU PAVEMENTS. IN ADDITION, ANY AREAS BE STRIPPED OF TOPSOILS. IF THE AMO
0. ALL EXCAVATED TRENCHES UNDER PROPOSED PAVED AREAS, INCLUDING SIDEWALKS, SHALL BE BACKFILL WITH GRANULAR MATERIAL AND COMPACTED IN LIFTS ACCORDING TO CONSTRUCTION DETAILS. GRANULAR MATERIAL SHALL EXTEND 5 FEET BEYOND THE LIMITS OF THE PAVEMENT AT THE SURFACE WITH A 1:1 SLOPE OUTWARD TO THE BOTTOM OF THE TRENCH.	5. ALL COMPACTED FILL AND BACKFILL MA
 CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES AND CONDUITS TO AVOID CONFLICTS AND PROVIDE REQUIRED MINIMUM DEPTHS OF COVER. THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL BEI FITTINGS OR STRUCTURES REQUIRED TO ASSURE PROPER INSTALLATION. 	
 ALL COORDINATES AND DIMENSIONS ARE TO THE CENTERLINE OF THE UTILITIES AND STRUCTURES. WHERE NECESSARY, UTILITY SERVICE CONDUITS SHALL BE INSTALLED UNDER PAVED AREAS AND BACKFIL 	BUILDING SHALL EXTEND AT LEAST 5-F PAVEMENT, SIDEWALK OR BUILDING SHA WITH ASTM DENSITY TEST D-698 FUL
AS SPECIFIED ABOVE BEFORE PAVEMENT IS CONSTRUCTED. COORDINATE CONDUIT REQUIREMENTS WITH UTILITY COMPANIES AND MECHANICAL CONTRACTOR.	SPECIFICATIONS DETAILED ABOVE ARE N SUFFICIENTLY SO THAT THE MOISTURE (UNIFORMLY COMPACTED USING A VIBRA LOCATION AND MATERIAL BEING PLACED
PRIOR TO THE START OF DEMOLITION WORK, CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY	MATERIAL COMPACTED BY HAND OPERA 6. IN-PLACE DENSITY TESTS SHALL BE PE COMPACTED FILL AND BACKFILL LIFT, O
 LOCAL, STATE AND FEDERAL AGENCIES HAVING JURISDICTION. UNLESS NOTED OTHERWISE, CONTRACTOR SHALL DEMOLISH AND DISPOSE OF OFF-SITE ALL MATERIALS, STRUCTURES, FENCE, CONCRETE, PAVEMENTS, CURBS AND OTHER MISCELLANEOUS APPURTENANCES WIT DISTURDED LINES CENERALLY, DEMOLITION, AREAS, AND FACILITIES, ARE INDICATED WITH POLD LINES. 	FT OF FILL PLACED, BUT IN NO CASE F THE IN-PLACE DENSITY TESTS INDICATE
DISTURBED LIMITS. GENERALLY, DEMOLITION AREAS AND FACILITIES ARE INDICATED WITH BOLD LINES AND/OR SHADED AREAS. DISPOSAL OF SITE MATERIALS SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL GUIDELINES.	RECOMPACTED AS SPECIFIED ABOVE PR ENGINEER SHALL ISSUE A REPORT DOCI ENGINEER.
. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING FEATURES TO REMAIN OR WHICH LIE ALONG THE PERIMETER OF THE SITE. THESE FEATURES INCLUDE, BUT ARE NOT LIMITED TO: BUILDINGS, PAVEMENTS, FENCES, VEGETATION, UTILITIES, PROPERTY MARKERS, ETC. CONTRACTOR SHALL RESPONSIBLE FOR ANY DAMAGE WHICH OCCURS DURING OR AS A RESULT OF CONSTRUCTION ACTIVITY. REPLACEMENT OF DAMAGED PROPERTY SHALL BE EQUAL TO EXISTING CONDITIONS.	7. UPON REACHING SUBGRADE ELEVATION WHERE THE PAVEMENT SUBGRADE ELEVATION
 CLEAR AND GRUB ALL TREES, BRUSH, STUMPS AND OTHER VEGETATION NECESSARY FOR CONSTRUCTION ALL CLEARING AND GRUBBING DEBRIS SCHEDULED FOR REMOVAL SHALL BE DISPOSED OF OFF-SITE. 	PRESENT. POCKETS OF UNSUITABLE MA
5. TREES AND OTHER PLANT MATERIALS TO REMAIN SHALL BE PROTECTED BY TREE FENCE INSTALLED OUTSIDE THE DRIP LINE. NO CONSTRUCTION EQUIPMENT, MATERIALS OR DEBRIS SHALL BE LOCATED WIT TREE PROTECTION BOUNDARIES.	
 DEMOLISH FOUNDATIONS AND OTHER BELOW-GRADE CONSTRUCTION, INCLUDING CONCRETE SLABS, TO A DEPTH OF NOT LESS THAN 48-INCHES BELOW THE LOWEST GRADE/SUBGRADE LEVEL. COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION OF STRUCTURES IN 	9. BACKFILL MATERIAL SHALL MEET THE R
 COMPLETELT FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION OF STRUCTORES IN ACCORDANCE WITH THE EARTHWORK SPECIFICATIONS. PROVIDE NEAT, STRAIGHT, VERTICAL SAWCUT AT ALL LOCATIONS WHERE PROPOSED PAVEMENTS, CURBS ETC. ABUT EXISTING PAVEMENTS, CURBS, ETC. TO REMAIN. 	EARTHWORK SPECIFICATIONS. WHERE BA THE BACKFILL MATERIAL SHALL BE PLA PRESSURE ON ONE SIDE OF THE WALL.
. UNLESS NOTED OTHERWISE, ALL UNDERGROUND UTILITIES SCHEDULED FOR DEMOLITION SHALL BE COMPLETELY EXCAVATED AND DISPOSED OF OFF-SITE, AND THE TRENCH BACKFILLED IN ACCORDANCE	10. TRENCHES UNDER PAVED AREAS SHALL MATERIAL PER CONSTRUCTION DETAILS. PAVEMENT WITH A 1:1 SLOPE OUTWARD
THE EARTHWORK SPECIFICATIONS. 0. UNLESS NOTED OTHERWISE, ALL UTILITIES TO BE REMOVED SHALL BE DISCONNECTED AND CAPPED AT 1 NEAREST CONNECTION POINT.	11. DUE TO SITE CONSTRAINTS, THE EARTH CONTRACTOR SHALL REVIEW THE EXISTI COSTS, INCLUDING IMPORTS AND/OR EX
1. DEMOLITION ITEMS INCLUDE, BUT ARE NOT LIMITED TO, REMOVAL ITEMS INDICATED ON THE DEMOLITION PLAN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE OR RELOCATED ITEMS WHICH INTERFERE WI PROPOSED CONSTRUCTION.	
2. CONDUCT DEMOLITION AND CONSTRUCTION OPERATIONS TO ENSURE MINIMAL INTERFERENCE WITH STREE WALKS, AND OTHER ADJACENT OCCUPIED FACILITIES.	1. CONTRACTOR SHALL TAKE PARTICULAR CAP EQUIPMENT. VERIFY COVER REQUIREMENTS
 DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER OCCUPIED FACILITIES WITHOUT PERMISSION F THE LOCAL AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS, IF REQUIRED BY GOVERNING AUTHORITIES. A ENSURE SAFE DASSAGE OF DEPENDENCE AROUND AREAS OF DEMOLITICAL AND CONSTRUCTION. CONDUCT. 	2. CONTRACTOR SHALL NOTIFY ALL UTILITY CO ANY UTILITIES ARE PRESENT ON SITE. ALL
4. ENSURE SAFE PASSAGE OF PERSONS AROUND AREAS OF DEMOLITION AND CONSTRUCTION. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT STRUCTURES AND OTHER FACILITIES AND INJURY TO PERSONS.	APPROPRIATE UTILITY COMPANIES. WHEN GENOTIFY THE UTILITY COMPANY SO A REPREGRADING.
 PROMPTLY REPAIR DAMAGE TO ADJACENT FACILITIES CAUSED BY DEMOLITION AND CONSTRUCTION OPERATIONS. NO ON-SITE BURNING IS PERMITTED. 	 CONTRACTOR SHALL ADJUST ALL EXISTING IRRIGATION SYSTEM, UTILITY PEDESTALS, ET 4. AFTER STRIPPING TOPSOIL MATERIAL, PROO DUMP TRUCK MINIMUM GROSS VEHICLE WEIG
17. THE USE OF ANY TYPE OF EXPLOSIVES SHALL NOT BE PERMITTED.	DUMP TRUCK MINIMUM GROSS VEHICLE WEIG PRESSURES BETWEEN 70-80 PSI UNLESS O INFLATED WITH AIR ONLY, NO LIQUID SHALL SOILS FIRM TO DETERMINE LOCATIONS OF A AND/OR REMOVAL OF ANY UNSUITABLE MA
	5. FOLLOWING THE COMPLETION OF SITE G PLACED IN AREAS DESIGNATED FOR SEE INCHES. THE FINISHED SURFACE SHALL DEPRESSED AREAS WHERE WATER WILL
	SURFACE GRADES SHALL NOT BE MORE PLANS. PROVIDE A SMOOTH TRANSITION 6. PROVIDE POSITIVE DRAINAGE WITHOUT PONI
	CORRECT ANY, STANDING WATER CONDITION 7. ALL PROPOSED SPOT ELEVATIONS OR CONT
	 SEE APPROPRIATE DETAILS TO DETERMINE CONTRACTOR SHALL PERPETUATE ANY SUB AND PROVIDE POSITIVE OUTLET TO DOWNST AND PROVIDE TO DETERMINE
	ANY CIRCUMSTANCES WHERE THIS CANNOT

STANDING WATER CONDITIONS. SPOT ELEVATIONS OR CONTOURS ARE THE FINAL PAVEMENT AND FINAL GRADE ELEVATIONS. ATE DETAILS TO DETERMINE SUBGRADE ELEVATIONS BELOW FINISH GRADE ELEVATIONS INDICATED. SHALL PERPETUATE ANY SUBSURFACE DRAIN TILES OR PIPES ENCOUNTERED DURING CONSTRUCTION POSITIVE OUTLET TO DOWNSTREAM RECEIVING SYSTEM. CONTRACTOR SHALL NOTIFY THE ENGINEER WITH ANCES WHERE THIS CANNOT BE ACCOMPLISHED.

EMENTS NOTES:

SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION AND SPONSIBLE FOR ALL FIELD DIMENSIONS THROUGHOUT CONSTRUCTION.

SHALL BE RESPONSIBLE FOR PROVIDING ALL REQUIRED CONSTRUCTION LINE AND GRADE TO IRATE LAYOUT OF SITE IMPROVEMENTS. OTHERWISE, ALL DIMENSIONS ARE REFERENCED TO THE EDGE OF PAVEMENT, EDGE OF E OF CURB, OR OUTSIDE SURFACE OF FOUNDATION WALL.

LDING PLANS FOR ALL BUILDING DIMENSIONS AND LAYOUT DETAILS.

COMPLETION OF ALL UNDERGROUND WORK IN PAVED AREAS, AGGREGATE BASE SHALL BE OMPACTED TO THE THICKNESS INDICATED ON THE APPROPRIATE PAVEMENT DESIGN DETAIL. SS OF COMPACTED AGGREGATE BASE EXCEEDS 6 INCHES, PLACE MATERIALS IN EQUAL NO LAYER MORE THAN 6 INCHES OR LESS THAN 3 INCHES THICK WHEN COMPACTED. A MEDIUM WEIGHT SMOOTH WHEELED ROLLER OR EQUIVALENT. ALONG CURBS, WALLS AND NOT ACCESSIBLE TO THE ROLLER, COMPACT AGGREGATE BASE WITH HAND OPERATED

EMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CONSTRUCTION AND MATERIAL THE INDOT STANDARD SPECIFICATIONS, LATEST EDITION. SEE CONSTRUCTION DETAILS FOR SIGN INFORMATION.

ION OF NEW PAVEMENT TO EXISTING PAVEMENT IN THE PARKING LOTS AND DRIVEWAYS SHALL NG GRADES AND PROFILES. A LAP JOINT IS REQUIRED FOR CONNECTIONS BETWEEN EXISTING ASPHALT PAVEMENTS. SEE CONSTRUCTION DETAILS. THE EDGE OF THE EXISTING ASPHALT ALL BE PROPERLY SEALED WITH A TACK COAT MATERIAL IN ALL LOCATIONS WHERE NEW EMENT IS INDICATED TO JOIN EXISTING ASPHALT.

OTHERWISE. ALL PAVEMENT STRIPING WITHIN THE PROJECT SITE SHALL BE 4-INCHES WIDE, WHITE LATEX, WATERBORNE EMULSION, LEAD AND CHROMATE FREE, READY MIXED, ITH FS TT-P-1952. APPLY PAINT WITH MECHANICAL EQUIPMENT AND/OR STENCILS TO AN, STRAIGHT AND UNIFORM EDGES. APPLY AT MANUFACTURER'S RECOMMENDED RATES TO INIMUM 12 TO 15 MILS DRY THICKNESS.

MENT SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-150. ONLY ONE BRAND AND OF APPROVED CEMENT SHALL BE USED FOR ANY ONE STRUCTURE. REGULAR FINE AND EGATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-33. ALL WATER USED SHALL BE AN AND FREE FROM OILS, ACIDS, ALKALIS, ORGANIC MATERIAL OR OTHER SUBSTANCES THAT TERIOUS TO CONCRETE OR STEEL.

STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-615, GRADE 60. WELDED WIRE RE MESH SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-185. REINFORCEMENT SHALL BENT IN ACCORDANCE WITH ACI 315. COMPLY WITH ARSI RECOMMENDED PRACTICE "PLACING BARS" FOR PLACING AND SUPPORTING REINFORCEMENT.

E USED SHALL BE CLASS A STRUCTURAL CONCRETE WITH A 28-DAY COMPRESSIVE STRENGTH , 6–1/2 BAGS, 2 TO 4 INCH SLUMP RANGE, 5% TO 8% AIR CONTENT. CLASS A CONCRETE PORTIONED IN ACCORDANCE WITH ACI 211.1. ALL READY MIXED CONCRETE SHALL BE MIXED, ND PLACED IN ACCORDANCE WITH ASTM C-94.

BE CONSTRUCTED OF WOOD, PLYWOOD, STEEL, OR OTHER APPROVED MATERIALS AND SHALL GHT. THE FORMS AND ASSOCIATED FALSE WORK SHALL BE SUBSTANTIAL AND UNYIELDING CONSTRUCTED SO THAT THE FINISHED CONCRETE WILL CONFORM TO THE DIMENSIONS AND OWN ON THE DRAWINGS. FORM SURFACES SHALL BE SMOOTH AND FREE FROM HOLES, DENTS, THER IRREGULARITIES. THE FORMS SHALL BE COATED WITH A NON-STAINING OIL BEFORE POURED. REMOVE FORMS A MINIMUM OF 24 HOURS AFTER PLACING CONCRETE.

SHALL BE PLACED IN ACCORDANCE WITH ACI 304. FORMED CONCRETE SHALL BE INSOLIDATED USING A MECHANICAL VIBRATOR. COMPLY WITH THE RECOMMENDATIONS OF ACI D WEATHER PLACEMENT AND ACI 305R FOR HOT WEATHER PLACEMENT. PROTECT FRESHLY RETE FROM PREMATURE DRYING AND TO ENSURE PROPER MOISTURE CONTROL DURING

CUTTING SHALL BE DONE AS SOON AS POURED CONCRETE HAS CURED AND CAN SUPPORT IDE A NEAT, STRAIGHT CUT WHICH IS TRUE IN ALIGNMENT. ALL JOINTS ARE TO CONTINUE ED SIDEWALK OR CONCRETE PAVEMENT THROUGH THE CURB.

CTION JOINTS SHALL BE SAWN, CLEANED OF DEBRIS, BLOWN DRY AND IMMEDIATELY SEALED PROPRIATE SEALANT ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. SHALL COMPLY WITH AMERICAN WITH DISABILITIES ACT (ADA) STANDARDS. MAXIMUM CROSS

BE 1:50 AND MAXIMUM LONGITUDINAL SLOPE SHALL BE 1:20. NOTES:

SHALL REFER TO THE GEOTECHNICAL ENGINEERING INVESTIGATION REPORT FOR INFORMATION DIL CONDITIONS. GEOTECHNICAL REPORT WILL BE PROVIDED BY ENGINEER AT REQUEST BY

HALL BE COMPLETED IN ACCORDANCE WITH PUTNAM COUNTY AND INDOT STANDARD THE CONTRACTOR SHALL NOTIFY ENGINEER AND THE OWNER AT LEAST 48 HOURS BEFORE THWORK OPERATIONS. TOR SHALL EMPLOY A QUALIFIED GEOTECHNICAL ENGINEER FOR THIS PROJECT. THE

. ENGINEER SHALL INSPECT SOIL CONDITIONS, PROOF-ROLLING, AND FIELD DENSITY OF ILLS. ALL SUBGRADES AND FILLS SHALL MEET OR EXCEED THE COMPACTION REQUIREMENTS .OW. BASED UPON REPORTS FROM THE GEOTECHNICAL ENGINEER, SUBGRADES OR FILLS WHICH ECIFIED DENSITIES REQUIRE ADDITIONAL COMPACTION WORK AND TESTING AT NO ADDITIONAL THE OWNER.

BE STRIPPED AND STOCKPILED FOR USE DURING FINISH GRADING AND LANDSCAPE WORK. SOILS SHALL BE STOCKPILED AS SHOWN IN STORMWATER POLLUTION PREVENTION PLAN. INED AS FERTILE, FRIABLE NATURAL LOAM SURFACE SOILS, REASONABLY FREE OF SUBSOIL, BRUSH, AND OTHER LITTER OR STONES LARGER THAN 1/2 INCH. LOOSE DEBRIS, TOPSOILS LE SUBSOILS SHALL BE STRIPPED FROM AREAS OF THE SITE THAT ARE TO BE DEVELOPED. STRIPPING OF SURFACE SOILS MAY VARY BY LOCATION WITHIN THE SITE. THE ENGINEER TE ON-SITE LOCATIONS TO STORE OR DEPOSIT STRIPPED SOILS. CONTRACTOR SHALL OILS AND UNSUITABLE SUBSOILS FROM ALL AREAS TO BE OCCUPIED BY BUILDINGS AND ADDITION, ANY AREAS TO BE UTILIZED AS BORROW AREAS FOR FILL MATERIAL MUST ALSO OF TOPSOILS. IF THE AMOUNT OF STOCKPILED TOPSOIL EXCEEDS QUANTITY REQUIRED, THE BE SPREAD ON THE SITE WHERE DIRECTED BY THE ENGINEER OR DISPOSED OF OFFSITE.

D FILL AND BACKFILL MATERIAL SHALL BE SATISFACTORY MATERIAL APPROVED BY THE ENGINEER. ALL FILL MATERIAL SHALL CONTAIN LESS THAN 3-PERCENT ORGANIC MATERIAL RGE ROCK GREATER THAN 4-INCHES, RUBBISH, OR OTHER UNSUITABLE MATERIAL. SAMPLES 1ATERIALS SHALL BE SUBMITTED TO THE GEOTECHNICAL ENGINEER FOR APPROVAL PRIOR TO ILL FILL EMBANKMENTS AND UNDER BUILDING PAVED AREAS, SIDEWALKS, AND PADS SHALL TO 98% OF MAXIMUM DRY DENSITY AND SHALL BE WITHIN +/-2% OF OPTIMUM MOISTURE CORDANCE WITH ASTM DENSITY TEST D-698. THE AREA OF COMPACTED FILL FOR THE

. EXTEND AT LEAST 5-FEET BEYOND THE FOUNDATION WALLS. ALL FILLS OUTSIDE OF EWALK OR BUILDING SHALL BE COMPACTED TO 90% MAXIMUM DRY DENSITY IN ACCORDANCE NSITY TEST D-698. FILL MATERIALS SHALL BE PLACED IN LIFTS NOT TO EXCEED 8-INCHES KNESS AND SHOULD BE SPRINKLED WITH WATER AS REQUIRED TO ENSURE COMPACTION DETAILED ABOVE ARE MET. EXCESSIVELY WET MATERIAL SHALL BE SPREAD AND DRIED SO THAT THE MOISTURE CONTENT WILL PERMIT PROPER COMPACTION. EACH LAYER SHALL BE MPACTED USING A VIBRATORY COMPACTOR OR OTHER APPROVED EQUIPMENT SUITED TO THE MATERIAL BEING PLACED. LIFTS SHALL NOT EXCEED 4-INCHES IN LOOSE THICKNESS FOR IPACTED BY HAND OPERATED TAMPERS.

NSITY TESTS SHALL BE PERFORMED THROUGHOUT THE BUILDING FILL EMBANKMENTS. AT EACH ILL AND BACKFILL LIFT, ONE (1) DENSITY TEST SHALL BE PERFORMED FOR EVERY 5000 SQ. ACED, BUT IN NO CASE FEWER THAN TWO (2) TESTS PER LIFT. AREAS WHERE RESULTS OF DENSITY TESTS INDICATE COMPACTION SPECIFICATIONS ARE NOT OBTAINED SHALL BE TIL COMPACTION CRITERIA IS ACHIEVED. APPROVED COMPACTED SUBGRADE DISTURBED BY SUBSEQUENT ACTIVITY OR ADVERSE WEATHER CONDITIONS SHALL BE SCARIFIED AND AS SPECIFIED ABOVE PRIOR TO CONTINUATION OF CONSTRUCTION. THE GEOTECHNICAL LL ISSUE A REPORT DOCUMENTING THE SUFFICIENCY OF THE FINAL COMPACTED FILL TO

NG SUBGRADE ELEVATION IN AREAS THAT HAVE BEEN FILLED AND COMPACTED, OR IN AREAS AVEMENT SUBGRADE ELEVATIONS ARE ACHIEVED WITHOUT FILL OPERATIONS, CONTRACTOR -ROLL SUBGRADE WITH A FULLY LOADED TRI-AXLE DUMP TRUCK, MEDIUM WEIGHT ROLLER OR VED EQUIPMENT, TO DETERMINE IF ANY POCKETS OF SOFT, UNSUITABLE MATERIALS ARE KETS OF UNSUITABLE MATERIALS SHALL BE REMOVED AND REPLACED WITH SUBGRADE OR COMPACTED GRANULAR FILL AS DIRECTED BY THE GEOTECHNICAL ENGINEER. ENGINEER SHALL BE PRESENT DURING PROOF-ROLLING OPERATIONS AND SHALL SUBMIT A CEPTANCE TO ENGINEER.

STRUCTURES TO WITHIN 0.1 FOOT OF THE DESIGN ELEVATIONS AND DIMENSIONS. EXTEND SUFFICIENT DISTANCE FROM STRUCTURES FOR PLACING AND REMOVING CONCRETE FORMS. RB THE BOTTOM OF THE EXCAVATION INTENDED FOR BEARING SURFACE. EXCAVATE BY HAND E BEFORE PLACING CONCRETE FORMS AND REINFORCEMENT SO FOOTINGS AND FOUNDATIONS STURBED COMPACTED SOILS.

FERIAL SHALL MEET THE REQUIREMENTS OF AND SHALL BE COMPACTED ACCORDING TO THE SPECIFICATIONS. WHERE BACKFILLING IS REQUIRED ON BOTH SIDES OF A FOUNDATION WALL, MATERIAL SHALL BE PLACED EQUALLY ON BOTH SIDES TO AVOID UNBALANCED SOIL

DER PAVED AREAS SHALL BE BACKFILLED AND COMPACTED WITH APPROVED GRANULAR CONSTRUCTION DETAILS. GRANULAR MATERIAL SHALL EXTEND 5 FEET BEYOND THE TH A 1:1 SLOPE OUTWARD TO THE BOTTOM OF THE TRENCH.

CONSTRAINTS, THE EARTHWORK FOR THE SITE AS DESIGNED MAY OR MAY NOT BE BALANCED. SHALL REVIEW THE EXISTING SITE CONDITIONS AND INCLUDE IN THEIR BID ALL EARTHWORK DING IMPORTS AND/OR EXPORTS NECESSARY TO MAKE THE SITE BALANCE.

TES:

HALL TAKE PARTICULAR CARE WHEN GRADING IN AND AROUND EXISTING UTILITY LINES AND RIFY COVER REQUIREMENTS BY UTILITY CONTRACTORS AND/OR UTILITY COMPANIES SO AS NOT TO

SHALL NOTIFY ALL UTILITY COMPANIES 48-HOURS BEFORE SITE GRADING IS TO START TO VERIFY IF E PRESENT ON SITE, ALL VERIFICATIONS (LOCATION, SIZE AND DEPTH), SHALL BE MADE BY THE ILITY COMPANIES. WHEN GRADING OPERATIONS MAY IMPACT EXISTING UTILITIES, CONTRACTOR SHALL LITY COMPANY SO A REPRESENTATIVE CAN BE PRESENT TO INSTRUCT AND OBSERVE DURING

SHALL ADJUST ALL EXISTING SURFACE INFRASTRUCTURE (HYDRANTS, VALVES, HANDHOLES, CASTINGS, STEM, UTILITY PEDESTALS, ETC.) AS REQUIRED TO MEET PROPOSED GRADE. G TOPSOIL MATERIAL, PROOFROLL SHALL BE PERFORMED BY A LOADED TANDEM PNEUMATIC TIRE

INIMUM GROSS VEHICLE WEIGHT OF 22 TONS. THE TIRES SHALL BE OPERATED AT INFLATION TWEEN 70-80 PSI UNLESS OTHERWISE NOTED BY THE GOETECHNICAL ENGINEER. THE TIRES SHALL BE AIR ONLY, NO LIQUID SHALL BE USED. THE PROOFROLL SHALL BE COMPLETED UNDER INSPECTION OF DETERMINE LOCATIONS OF ANY POCKETS OF UNSUITABLE MATERIAL. THE NECESSITY FOR SUBDRAINS VAL OF ANY UNSUITABLE MATERIAL WILL BE DETERMINED AT THE TIME OF CONSTRUCTION.

COMPLETION OF SITE GRADING AND SUBSURFACE UTILITY INSTALLATION, TOPSOIL SHALL BE EAS DESIGNATED FOR SEEDING, SODDING, OR LANDSCAPING TO A MINIMUM DEPTH OF 6 INISHED SURFACE SHALL BE UNIFORMLY AND SMOOTHLY GRADED AND SHALL BE FREE OF REAS WHERE WATER WILL POND. LIGHTLY COMPACT TOPSOIL AFTER PLACEMENT. THE FINISHED DES SHALL NOT BE MORE THAN 0.1 FOOT ABOVE OR BELOW THE GRADES INDICATED ON THE DE A SMOOTH TRANSITION BETWEEN EXISTING GRADES AND ADJACENT FILL EMBANKMENTS. /E DRAINAGE WITHOUT PONDING IN ALL AREAS. UPON REACHING FINAL GRADE, CONTRACTOR SHALL

WATER SYSTEM NOTES:

- ALL WATER LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH WATER MAIN SPECIFICATIONS OR SOUTH 43 WATER ASSOCIATION. INC. TYPICAL CONSTRUCTION STANDARDS, SPECIFICATIONS AND DETAILS. AND SHALL MEET THE MINIMUM REQUIREMENTS OF THE INDIANA STATE BOARD OF HEALTH.
- 2. THE CONTRACTOR SHALL FURNISH, INSTALL AND TEST ALL GATE VALVES. VALVES SHALL BE INSTALLED WITH VALVE BOX ALIGNERS (POSI-CAPS) AND MUST BE CENTERED PRIOR TO ACCEPTANCE. VALVE OPENING DIRECTION SHALL BE RIGHT-HAND OPEN/COUNTERCLOCKWISE.
- 3. WATER MAINS AND SERVICE LINES SHALL HAVE A MINIMUM OF 3'-6" OF COVER OVER TOP OF THE PIPE. A MINIMUM OF 18-INCH VERTICAL SEPARATION AND 10'-0" HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN THE OUTSIDE WALLS OF WATER MAINS AND SEWERS (SANITARY AND STORM).
- 4. CONTRACTOR SHALL PERFORM ALL OF THE WORK ASSOCIATED WITH CONNECTIONS TO THE EXISTING FACILITIES. THE CONTRACTOR SHALL COORDINATE THE CLOSURE OF VALVES, INSPECTION, AND ALL SERVICE
- SHUT-OFFS WITH LOCAL UTILITY COMPANY. 5. THE COMPLETED WATER LINE SHALL BE TESTED AND DISINFECTED IN ACCORDANCE WITH WATER MAIN SPECIFICATIONS OR SOUTH 43 WATER ASSOCIATION, INC.REQUIREMENTS.
 - 6. IN THE EVENT OF A CONFLICT BETWEEN WATER LINES AND STORM DRAINS, CONTRACTOR SHALL EITHER ADJUST THE WATER LINE IN SUCH A MANNER SO THAT THE PIPE MANUFACTURER'S RECOMMENDATIONS ON PIPE DEFLECTION AND JOINT STRESS ARE NOT EXCEEDED.

STORM SEWER NOTES:

- PUTNAM COUNTY TYPICAL CONSTRUCTION STANDARDS, SPECIFICATIONS AND DETAILS. 2. ALL MAIN LINE STORM SEWER PIPE SHALL BE CONSTRUCTED OF REINFORCED CONCRETE PIPE (RCP) OR HIGH DENSITY POLYETHYLENE (HDPE) PIPE. STORM DRAIN PIPE FOR ROOF DOWNSPOUT AND OTHER MISCELLANEOUS CONNECTIONS SHALL BE CONSTRUCTED OF POLYVINYL CHLORIDE (PVC) SDR-35 PIPE AND SHALL MEET OR EXCEED ASTM D-3034 OR ASTM F-679, AS APPLICABLE. JOINTS SHALL BE GASKETED BELL AND SPIGOT TYPE WITH THE BELL END MADE INTEGRAL WITH THE PIPE. PIPE MATERIAL SUBSTITUTIONS
- SHALL BE REQUESTED IN WRITING TO ENGINEER. 3. A MINIMUM OF 18" VERTICAL SEPARATION AND 10'-0" HORIZONTAL SEPARATION TO BE MAINTAINED BETWEEN THE OUTSIDE WALLS OF WATER MAINS, HYDRANTS AND SEWERS (SANITARY AND STORM). 4. INLETS, JUNCTION BOXES AND MANHOLES MUST BE SIZED PROPERLY TO ACCOMMODATE THE PROPOSED PIPE
- 5. PIPE LENGTHS SHOWN ON THE DRAWINGS ARE FOR HYDRAULIC CALCULATION PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING EXACT PIPE LENGTHS REQUIRED FOR INSTALLATION.

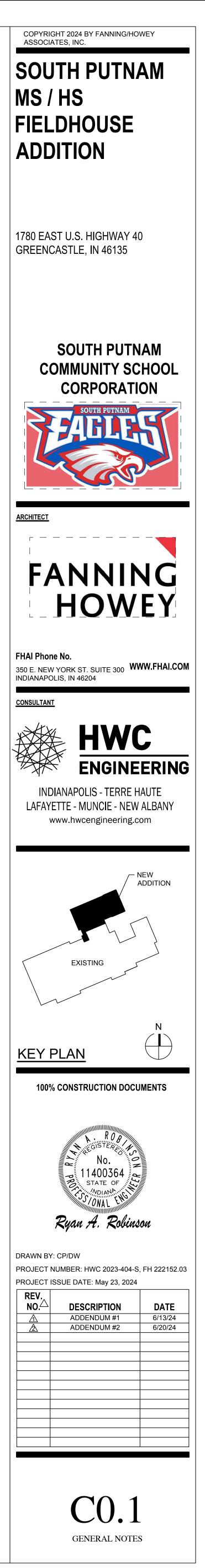
EROSION CONTROL NOTES:

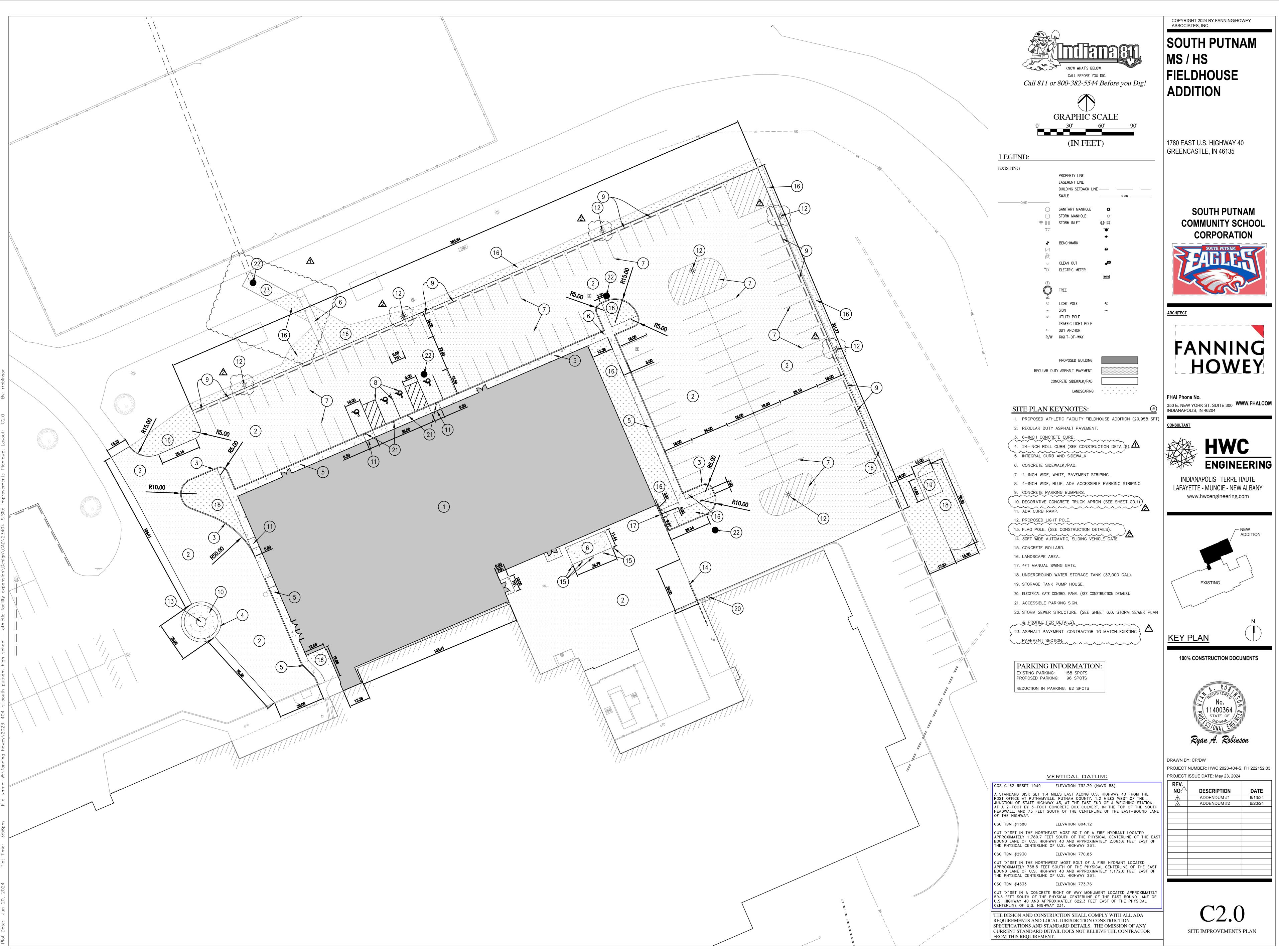
- ALL PROPOSED EROSION AND SEDIMENT CONTROL SHALL BE IN ACCORDANCE WITH PUTNAM COUNTY AND INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (IDEM) STANDARDS AND SPECIFICATIONS. DISCREPANCIES BETWEEN THE PLANS AND THE JURISDICTIONAL REQUIREMENTS SHALL NOT ALLEVIATE THE CONTRACTOR FROM ADHERING TO THE REQUIREMENTS AS SET FORTH IN THE STANDARDS AND SPECIFICATIONS.
- PERIMETER EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY COMMENCING. CONTRACTOR SHALL BE RESPONSIBLE FOR SOIL AND EROSION CONTROL AND DUST CONTROL MEASURES PRIOR TO AND DURING CONSTRUCTION. CONTRACTOR SHALL MAINTAIN THE MEASURES THROUGHOUT THE
- CONSTRUCTION PERIOD TO PREVENT EROSION OF SOIL AND ENTRY OF SOIL-BEARING WATER AND AIRBORNE DUST ONTO ADJACENT PROPERTIES AND INTO THE PUBLIC STORM WATER FACILITIES. 4. THE EROSION CONTROL PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE. CONTRACTOR SHALL TAKE ALL
- NECESSARY PRECAUTIONS TO PREVENT SEDIMENT FROM LEAVING THE SITE. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION. 5. ALL CLEARING, DEMOLITION, EARTHWORK AND GRADING SHALL BE DONE IN A WAY THAT WILL MINIMIZE EROSION.
- 6. SEDIMENT LADEN WATER SHALL BE DETAINED BY EROSION CONTROL PRACTICES AS NEEDED TO MINIMIZE SEDIMENTATION IN RECEIVING WATER. NO STORM WATER SHALL BE DISCHARGED FROM THE SITE IN A MANNER THAT CAUSES EROSION AT THE POINT OF DISCHARGE. SEDIMENT-LADEN GROUNDWATER ENCOUNTERED DURING TRENCHING, BORING OR OTHER EXCAVATION ACTIVITIES SHALL BE PUMPED TO A SEDIMENT TRAPPING DEVICE PRIOR TO BEING DISCHARGED INTO A STREAM, POND, SWALE OR STORM INLET.
- WASTE AND UNUSED BUILDING MATERIALS SHALL NOT BE ALLOWED TO BE CARRIED FROM THE SITE BY STORM WATER RUNOFF. PROPER DISPOSAL OF ALL WASTE AND UNUSED BUILDING MATERIALS IS REQUIRED. CONTRACTOR SHALL KEEP ALL PUBLIC ROADWAYS CLEAN AND FREE FROM ANY CONSTRUCTION RELATED
- ACTIONS MUST BE TAKEN TO MINIMIZE THE TRACKING OF MUD AND SOIL FROM CONSTRUCTION AREAS ONTO PUBLIC ROADWAYS. SOIL TRACKED ONTO THE ROADWAY SHALL BE REMOVED DAILY. REMOVAL OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE SITE FOR DISPOSAL.
- 9. SOIL WHICH HAS ACCUMULATED NEXT TO EROSION CONTROL DEVICES SHALL BE COLLECTED AND RE-DISTRIBUTED ON SITE AFTER EACH RAINFALL EVENT AND AT LEAST ONCE PER WEEK.
- 10. PIPE ENDS SHALL BE COVERED WITH FILTER FABRIC IF INSTALLATION OF STORM DRAINAGE SYSTEM IS INTERRUPTED FOR ANY REASON.
- 11. WHERE CONSTRUCTION OR LAND DISTURBANCE ACTIVITY WILL OR HAS TEMPORARILY CEASED ON ANY PORTION OF THE SITE, TEMPORARY SITE STABILIZATION MEASURES SHALL BE REQUIRED AS SOON AS PRACTICABLE, BUT NO LATER THAN 14 CALENDAR DAYS AFTER THE ACTIVITY HAS CEASED. THE DURATION OF TIME WHICH AN AREA REMAINS EXPOSED SHALL BE KEPT TO A PRACTICAL MINIMUM, ALTERNATIVE MEASURES OF SITE STABILIZATION ARE ACCEPTABLE IF THE CONTRACTOR CAN DEMONSTRATE THEY HAVE IMPLEMENTED EROSION AND SEDIMENT CONTROL MEASURES ADEQUATE TO PREVENT SEDIMENT DISCHARGE.
- 12. TOPSOIL REPLACEMENT SHALL TAKE PLACE FROM MARCH 1 TO OCTOBER 31. STOCKPILE TOPSOIL AT ALL OTHER TIMES OF THE YEAR. PERMANENT AND FINAL VEGETATION, AND STRUCTURAL EROSION CONTROL DEVICES SHALL BE INSTALLED WITHIN SEVEN (7) DAYS AFTER FINAL GRADING, OR AS SOON AS POSSIBLE.
- 13. SOIL STOCKPILES SHALL BE LOCATED AWAY FROM STREAMS, PONDS, SWALES, AND CATCH BASINS. STOCKPILES SHALL BE SEEDED, MULCHED, AND ADEQUATELY CONTAINED THROUGH THE USE OF SILT FENCE.
- 14. INSTALL INLET PROTECTION ON STORM INLETS IMMEDIATELY UPON COMPLETION OF THE STRUCTURE. REMOVE INLET PROTECTION FOR PAVING OPERATION AND REPLACE AFTER PAVING IS COMPLETE. INLET PROTECTION SHALL REMAIN IN PLACE UNTIL VEGETATION IS ESTABLISHED ON ALL DISTURBED AREAS.
- 15. DETENTION BASINS, IF APPLICABLE, SHALL BE CONSTRUCTED FIRST AND SHALL PERFORM AS SEDIMENT BASINS DURING CONSTRUCTION UNTIL THE CONTRIBUTING DRAINAGE AREAS ARE SEEDED AND STABILIZED.
- 16. PRIOR TO COMPLETION OF THE PROJECT, CONTRACTOR SHALL CLEAN OUT ALL STORM DRAINAGE STRUCTURES AND RESTORE ALL DITCHES AND PONDS TO DESIGNED GRADES.
- 17. CONTRACTOR SHALL REMOVE ALL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES ONCE CONSTRUCTION IS COMPLETE AND THE SITE HAS BEEN STABILIZED.

1. CONSTRUCTION OF STORM DRAINS SHALL BE IN ACCORDANCE WITH THE STORM SEWER SPECIFICATIONS OR

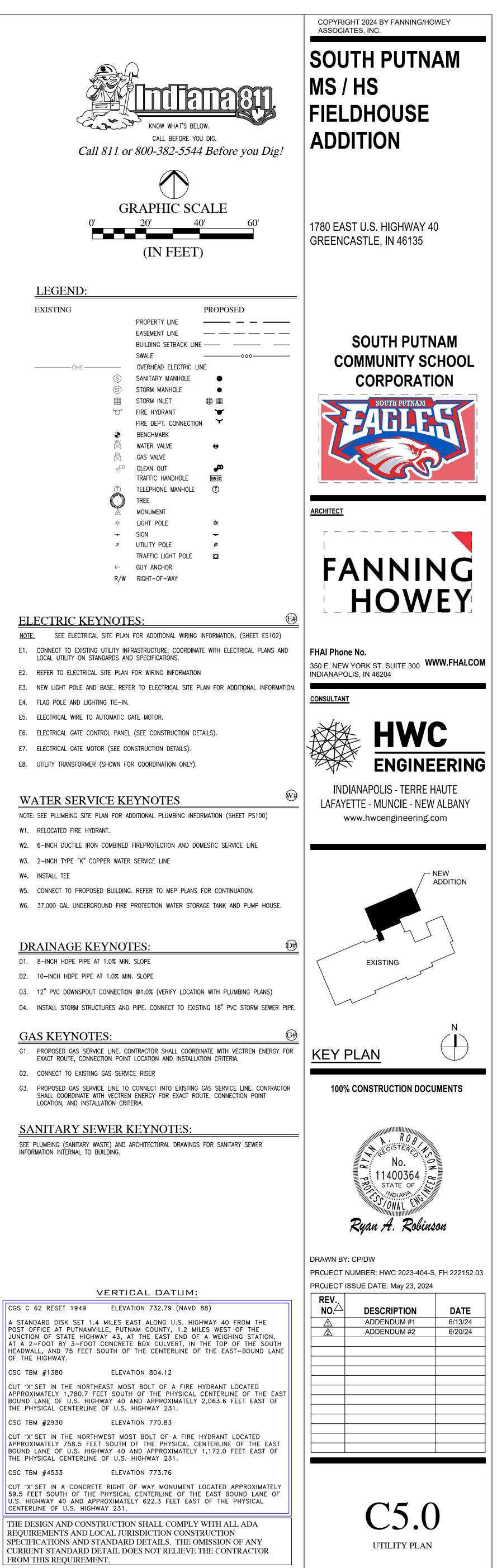
\sim	NCRETE FINISH NOTES:
1. A.	STAMP MATS: SEMIRIGID POLYURETHANE MATS WITH PROJECTING TEXTURED AND RIDGED UNDERSIDE CAPABLE OF IMPRINTING TEXTURE AND JOINT PATTERNS ON PLASTIC CONCRETE. MANUFACTURERS: ADVANCED SURFACES, INC. BOMANITE CORPORATION. BON TOOL CO. BUTTERFIELD COLOR. COBBLECRETE INTERNATIONAL. COLORATION SYSTEMS, INC. CONCRETE ACCESSORIES, INC.; PROLINE CONCRETE TOOLS. INCRETE SYSTEMS INC. MATCRETE STAMPED CONCRETE TOOLS. PATTERNED CONCRETE TOOLS. PATTERNED CONCRETE INDUSTRIES, LTD. RAFCO PRODUCTS. SCOFIELD, L. M. COMPANY. SPECIALTY CONCRETE PRODUCTS, INC. STAMPCRETE INTERNATIONAL LTD. SUPERSTONE, INC. SYMONS CORPORATION. TABCO MATS, INC.
2.	PATTERN: RANDOM STONE
3.	MAT STAMPING: WHILE INITIALLY FINISHED CONCRETE IS PLASTIC, ACCURATELY ALIGN AND PLACE STAMP MATS FINISH.
Α.	LIQUID RELEASE AGENT: APPLY LIQUID RELEASE AGENT TO THE CONCRETE SURFACE AND THE STAMP
В.	MAT. UNIFORMLY MIST SURFACE OF CONCRETE AT A RATE OF 5 GAL./1000 SQ.FT. AFTER APPLICATION OF RELEASE AGENT, ACCURATELY ALIGN AND PLACE STAMP MATS IN SEQUENCE.
	UNIFORMLY LOAD MATS AND PRESS INTO CONCRETE TO PRODUCT REQUIRED IMPRINT PATTERN AND DEPTH OF IMPRINT ON CONCRETE SURFACE. GENTLY REMOVE STAMP MATS. HAND STAMP EDGES AND SURFACES UNABLE TO BE IMPRINTED BY STAMP MATS.

UNABLE TO BE IMPRINTED BY STAMP MATS. D. REMOVE UNEMBEDDED RELEASE AGENT NO FEWER THAN THREE DAYS AFTER STAMPING CONCRETE. HIGH PRESSURE WASH SURFACE AND JOINT PATTERNS, TAKING CARE NOT TO DAMAGE STAMPED CONCRETE. CONTROL, COLLECT, AND LEGALLY DISPOSE OF RUNOFF.









WATER SERVICE KEYNOTES

- W1. RELOCATED FIRE HYDRANT.
- W2. 6-INCH DUCTILE IRON COMBINED FIREPROTECTION AND DOMESTIC SERVICE LINE
- W3. 2-INCH TYPE "K" COPPER WATER SERVICE LINE
- W4. INSTALL TEE
- W5. CONNECT TO PROPOSED BUILDING. REFER TO MEP PLANS FOR CONTINUATION.
- W6. 37,000 GAL UNDERGROUND FIRE PROTECTION WATER STORAGE TANK AND PUMP HOUSE.

DRAINAGE KEYNOTES:

- D1. 8-INCH HDPE PIPE AT 1.0% MIN. SLOPE
- D2. 10-INCH HDPE PIPE AT 1.0% MIN. SLOPE
- D3. 12" PVC DOWNSPOUT CONNECTION @1.0% (VERIFY LOCATION WITH PLUMBING PLANS)

GAS KEYNOTES:

- G2. CONNECT TO EXISTING GAS SERVICE RISER
- LOCATION, AND INSTALLATION CRITERIA.

SANITARY SEWER KEYNOTES:

A STANDARD DISK SET 1.4 MILES EAST ALONG U.S. HIGHWAY 40 FROM THE POST OFFICE AT PUTNAMVILLE, PUTNAM COUNTY, 1.2 MILES WEST OF THE JUNCTION OF STATE HIGHWAY 43, AT THE EAST END OF A WEIGHING STATION, AT A 2-FOOT BY 3-FOOT CONCRETE BOX CULVERT, IN THE TOP OF THE SOUTH HEADWALL, AND 75 FEET SOUTH OF THE CENTERLINE OF THE EAST-BOUND LANE OF THE HIGHWAY.

CSC TBM #1380

APPROXIMATELY 1,780.7 FEET SOUTH OF THE PHYSICAL CENTERLINE OF THE EAST BOUND LANE OF U.S. HIGHWAY 40 AND APPROXIMATELY 2,063.6 FEET EAST OF THE PHYSICAL CENTERLINE OF U.S. HIGHWAY 231.

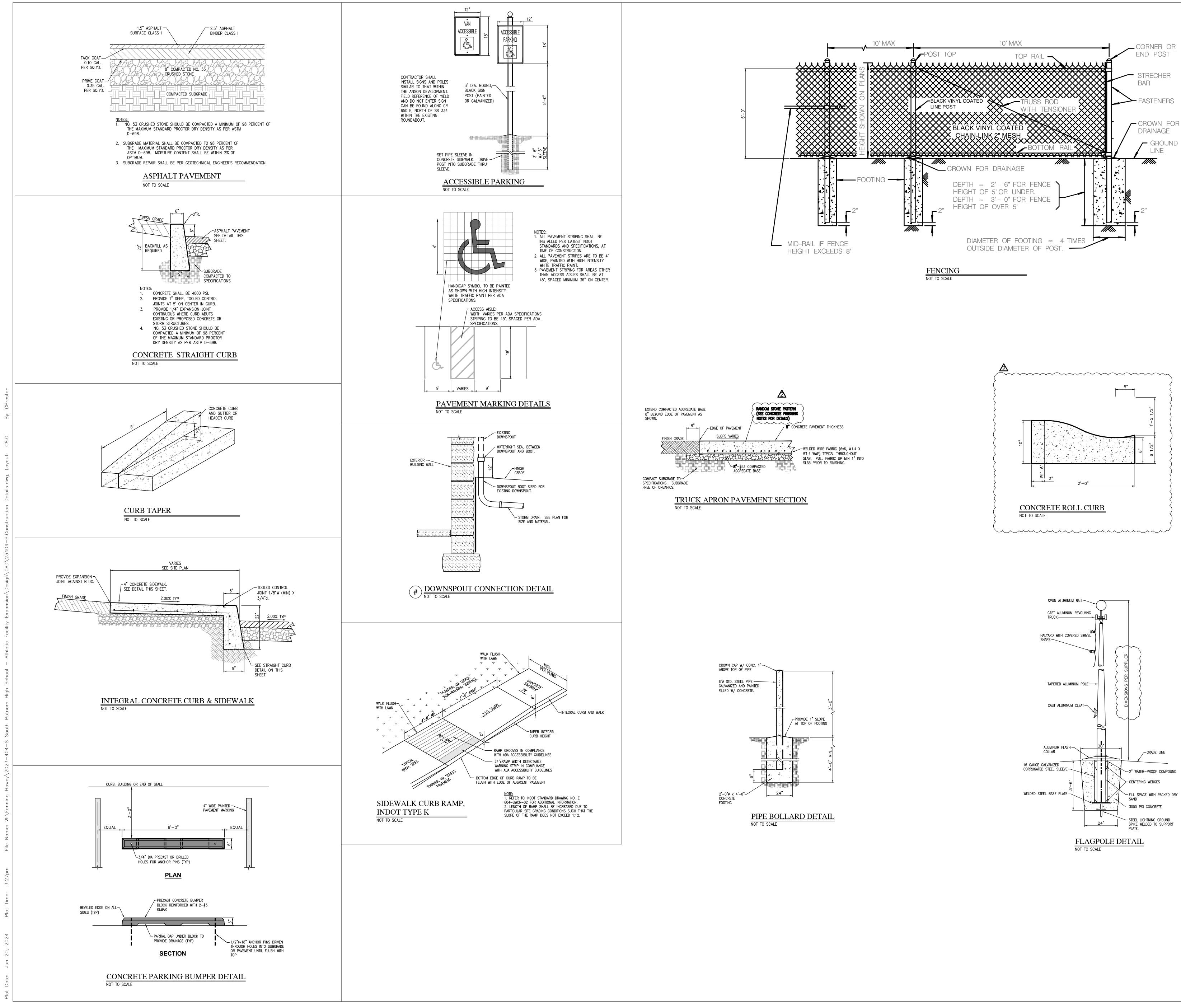
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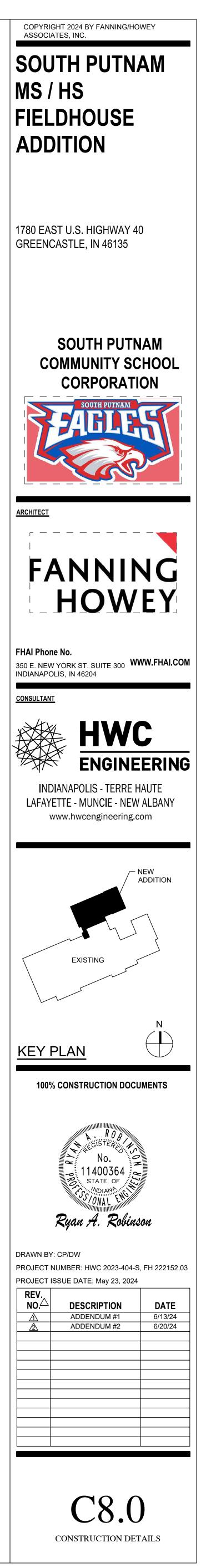
APPROXIMATELY 758.5 FEET SOUTH OF THE PHYSICAL CENTERLINE OF THE EAST BOUND LANE OF U.S. HIGHWAY 40 AND APPROXIMATELY 1,172.0 FEET EAST OF THE PHYSICAL CENTERLINE OF U.S. HIGHWAY 231.

CSC TBM #4533

59.5 FEET SOUTH OF THE PHYSICAL CENTERLINE OF THE EAST BOUND LANE OF U.S. HIGHWAY 40 AND APPROXIMATELY 622.3 FEET EAST OF THE PHYSICAL CENTERLINE OF U.S. HIGHWAY 231.

REOUIREMENTS AND LOCAL JURISDICTION CONSTRUCTION SPECIFICATIONS AND STANDARD DETAILS. THE OMISSION OF ANY CURRENT STANDARD DETAIL DOES NOT RELIEVE THE CONTRACTOR





SITE LANDSCAPING PLAN

SCALE: 1'' = 20' - 0''

 $\langle 3 \rangle$

PLAN NOTES

 $\overline{(1)}$ FINE GRADE AND SOD ALL LAWN AREAS AS NOTED.

- $\langle 2 \rangle$ All proposed planting beds: soil base profile see \sim detail #1 sht l1.00 – stinze lawn finish grade elevation to be 1" BELOW ADJACENT PAVING FINISH GRADE ELEVATION TYP
- 3 RESTORED LAWN AREA SEE CIVIL DRAWINGS FOR FURTHER INFORMATION
- $\langle 4 \rangle$ TREE PLANTING SEE DETAIL #3 SHT L1.00

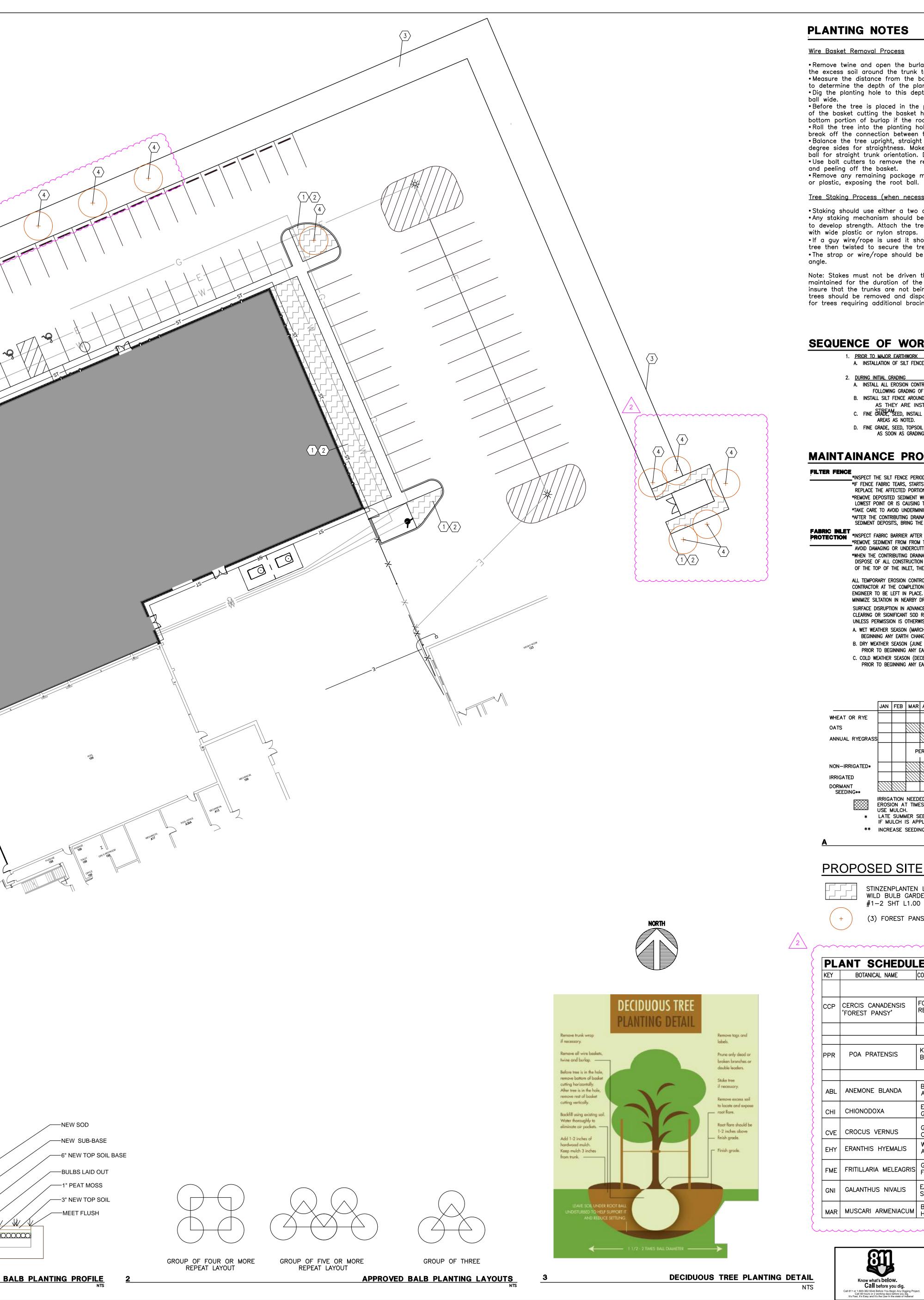
GENERAL PLAN NOTES:

CONTRACTOR SHALL TAKE SPECIAL CARE TO COORDINATE LANDSCAPE PLANTING WITH EX. UNDERGROUND UTILITIES.

ALL PROPOSED PLANTING BEDS ARE TO RECIEVE 1/4" THICK X 5" HIGH COMMERCIAL GRADE CORETEN METAL LANDSCAPE EDGING AROUND ALL SIDES/PERIMETER OF PLANTING BEDS TYP - NO EDGING ON PERIMITER EDGES ABUTTING EXISTING/PROPOSED PAVING,

GENERAL PLANTING NOTE: ALL BULBS ARE TO BE PLANTED PER STANDARDS ; 2 – 4" INCHES DEEP - CONTINGENT ON BULB TYPE AND MANUF. RECOMMENDED PLANTING DEPTH. AS A RULE, IT'S BEST TO SET THE BULB ABOUT TWO TO THREE TIMES AS DEEP AS THE BULB IS WIDE, SO IF YOU HAVE A 1-INCH-WIDE BULB, PLANT IT 2 TO 3 INCHES DEEP

 $\left< 1 \right> 2 \right>$



PLANTING NOTES

Wire Basket Removal Process

•Remove twine and open the burlap from around the trunk area of the tree. Pull back the excess soil around the trunk to locate the root flare and main order roots. • Measure the distance from the base of the root flare to the bottom of the root ball to determine the depth of the planting hole. •Dig the planting hole to this depth and at least two times the diameter of the root

•Before the tree is placed in the planting hole, use bolt cutters to remove the bottom of the basket cutting the basket horizontally. This is also a good time to remove the bottom portion of burlap if the root ball is structurally sound. • Roll the tree into the planting hole by the root ball, not the trunk. Be careful not to break off the connection between the roots and trunk. • Balance the tree upright, straight and center. Visually check from two opposing 90 degree sides for straightness. Make any adjustments using shovels to position the root ball for straight trunk orientation. Do not make adjustments by manipulating the trunk. • Use bolt cutters to remove the rest of the wire basket by cutting the basket vertically and peeling off the basket. •Remove any remaining package material including twine, strings, burlap, staples, nails, or plastic, exposing the root ball.

<u>Tree Staking Process (when necessary)</u>

• Staking should use either a two or three-point support system. •Any staking mechanism should be flexible enough to allow the stem and root system

to develop strength. Attach the tree to either wood or metal stakes (2" X 2" X 6') with wide plastic or nylon straps. • If a guy wire/rope is used it should be placed through hose material around each tree then twisted to secure the tree in a relatively stable position.

•The strap or wire/rope should be secured to each stake at an approximately right

Note: Stakes must not be driven through the root ball. The guys and stakes should be maintained for the duration of the contract. Trees should be checked periodically to insure that the trunks are not being damaged or girdled. All materials used to support trees should be removed and disposed of after one year, except as otherwise directed for trees requiring additional bracing time.

SEQUENCE OF WORK /INSTALLATION SCHEDULE

1. <u>PRIOR TO MAJOR EARTHWORK</u> A. INSTALLATION OF SILT FENCES AS CALLED FOR.

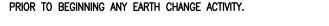
- 2. <u>During Initial Grading</u> A. Install all Erosion Control Netting as Called for Immediately
- FOLLOWING GRADING OF EACH AREA.
- B. INSTALL SILT FENCE AROUND ALL EXISTING AND PROPOSED DRAINAGE STRUCTURES AS THEY ARE INSTALLED TO LIMIT SILT DEPOSITS IN STORM SYSTEM AND DOWN
- c. Fine GRADE, Seed, install erosion control netting, and mulch in all swale AREAS AS NOTED.
- D. FINE GRADE, SEED, TOPSOIL & SUBSOIL STOCKPILE AREAS AS NOTED ON PLANS AS SOON AS GRADING OPERATIONS PERMIT.

MAINTAINANCE PROGRAM & BASIC PRINCIPLES

- FILTER FENCE *INSPECT THE SILT FENCE PERIODICALLY AND AFTER EACH STORM EVENT. *IF FENCE FABRIC TEARS. STARTS TO DECOMPOSE. OR IN ANYWAY BECOMES INEFFECTIVE. REPLACE THE AFFECTED PORTION IMMEDIATELY.
 - *REMOVE DEPOSITED SEDIMENT WHEN IT REACHES HALF THE HEIGHT OF THE FENCE AT ITS LOWEST POINT OR IS CAUSING THE FABRIC TO BULGE. *TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEAN OUT.
 - *AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE THE FENCE AND SEDIMENT DEPOSITS, BRING THE DISTURBED AREA TO GRADE, AND STABILIZE.

*INSPECT FABRIC BARRIER AFTER STORM EVENTS, AND MAKE NEEDED REPAIRS IMMEDIATELY. *REMOVE SEDIMENT FROM FROM THE POOL AREA TO PROVIDE STORAGE FOR THE NEXT STORM. AVOID DAMAGING OR UNDERCUTTING THE FABRIC DURING SEDIMENT REMOVAL

- *WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE AND PROPERLY DISPOSE OF ALL CONSTRUCTION MATERIAL AND SEDIMENT, GRADE THE AREA TO THE ELEVATION OF THE TOP OF THE INLET, THEN STABILIZE.
- ALL TEMPORARY EROSION CONTROL FACILITIES SHOULD BE REMOVED BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION UNLESS ORDERED BY THE ENGINEER TO BE LEFT IN PLACE. CARE SHOULD BE TAKEN DURING REMOVAL TO
- MINIMIZE SILTATION IN NEARBY DRAINAGE COURSES.
- SURFACE DISRUPTION IN ADVANCE OF CONSTRUCTION INCLUDING GRADING, CLEARING OR SIGNIFICANT SOD REMOVAL SHALL BE LIMITED AS FOLLOWES,
- UNLESS PERMISSION IS OTHERWISE OBTAINED FROM THE GOVERNING AGENCY. A. WET WEATHER SEASON (MARCH, APRIL, MAY) - 5 DAYS PRIOR TO
- BEGINNING ANY EARTH CHANGE ACTIVITY. B. DRY WEATHER SEASON (JUNE TO NOVEMBER) - 10 DAYS
- PRIOR TO BEGINNING ANY EARTHWORK. C. COLD WEATHER SEASON (DECEMBER, JANUARY, FEBRUARY) - 15 DAYS



	APPROXIMATE SEEDING DATES											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC
WHEAT OR RYE												
OATS												
ANNUAL RYEGRASS	;											
			PE	 ERMAN '	 NENT :	SEEDI	 NG DA '	 NTES				
NON-IRRIGATED*												
IRRIGATED												
DORMANT SEEDING**												
	IRRIGATION NEEDED DURING THIS PERIOD. TO CONTROL EROSION AT TIMES OTHER THAN IN THE SHADED AREAS, USE MULCH.											
*			IER SI IS APF		G DA1	ES M	AY BE	EEXT	ENDED	5 D.	AYS	
**	INCRE	ASE	SEEDIN	NG AF	PLICA	TION	BY 50)%.				

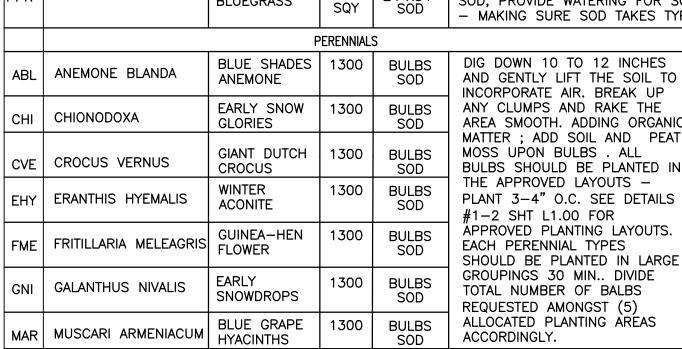
SEEDING CALENDAR DETAIL

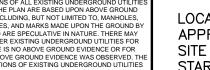
PROPOSED SITE PLANTING LEGEND

STINZENPLANTEN LAWN ; NATURALIZED LAWN AND WILD BULB GARDEN, SEE PLAN NOTES AND DETAIL

(3) FOREST PANSY REDBUDS - SEE DETAIL #3 SHT L1.00

PL	ANT SCHEDU	LE - PRO	POSE	ED PLA	ANTINGS
KEY	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE	NOTES
		ORNA	MENTAL TF	REES	
ССР	CERCIS CANADENSIS 'FOREST PANSY'	FOREST PANSY REDBUD	11	10'	PROVIDE FIELD-GROWN BB, FULL, SINGLE TRUNK, PLANT @ 9'+/- O.C. MIN.
		•	GRASSES		
PPR	POA PRATENSIS	KENTUCKY BLUEGRASS	359 SQY	24"X54" SOD	PROVIDE MATURE FIELD-GROWN SOD, PROVIDE WATERING FOR SOI - MAKING SURE SOD TAKES TYP
		ł	PERENNIAL	S	
ABL	ANEMONE BLANDA	BLUE SHADES ANEMONE	1300	BULBS SOD	DIG DOWN 10 TO 12 INCHES AND GENTLY LIFT THE SOIL TO INCORPORATE AIR. BREAK UP
СНІ	CHIONODOXA	EARLY SNOW GLORIES	1300	BULBS SOD	ANY CLUMPS AND RAKE THE AREA SMOOTH. ADDING ORGANIC



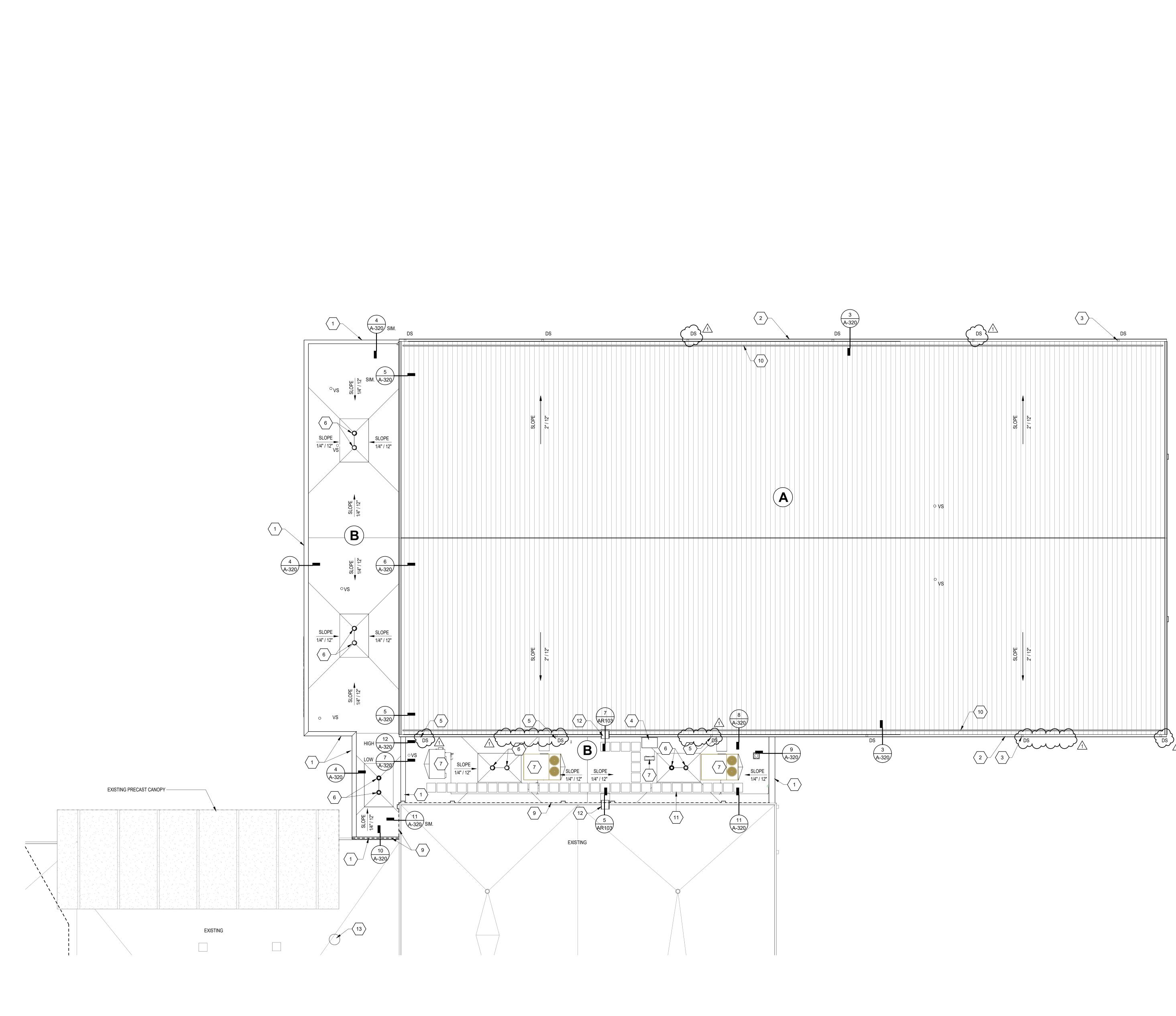


CAUTION !!

LOCATIONS GIVEN ARE APPROXIMATE AND ARE TO BE SITE VERIFIED PRIOR TO THE START OF CONSTRUCTION.







1 ARCHITECTURAL ROOF PLAN SCALE: 3/32" = 1'-0"

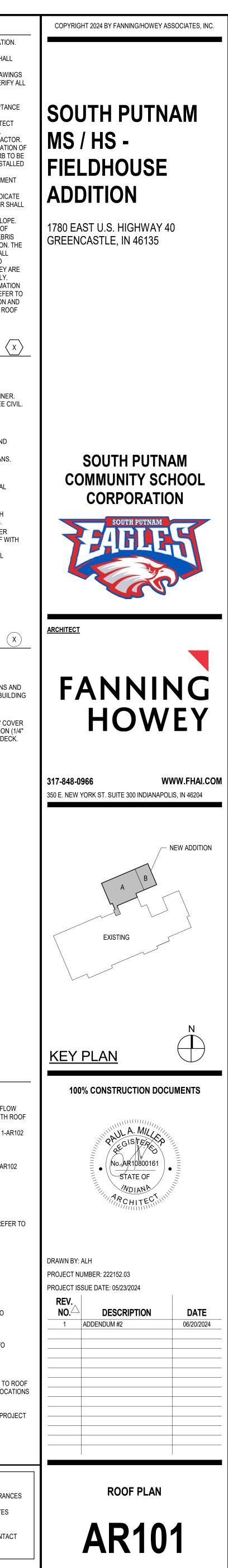
RO	OF PLAN GENERAL NOTES
A.	ALL DETAILS SHOWN ARE FOR GENERAL INFORMATION ALL FINAL FLASHING CONDITIONS SHALL BE THE RESPONSIBILITY OF THE ROOF INSTALLER, AND SHALL
В.	MEET APPROVAL OF ROOF MANUFACTURER. ALL DETAIL MODIFICATIONS MUST HAVE SHOP DRAWIN APPROVAL. CONTRACTOR SHALL INSPECT AND VERIFY
	EXISTING FIELD CONDITIONS, CLEARANCES, AND DIMENSIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANG OF EXISTING CONDITIONS. SHOULD DIFFERENT
-	CONDITIONS BE ENCOUNTERED, CONTACT ARCHITECT BEFORE PROCEEDING WITH ANY FURTHER WORK.
C.	OPENINGS IN ROOF WILL BE CUT BY ROOF CONTRACTO MECHANICAL CONTRACTOR TO COORDINATE LOCATIO OPENING IN ROOF WITH ROOF CONTRACTOR. CURB TO PROVIDED BY MECHANICAL CONTRACTOR AND INSTAL
D.	BY ROOF CONTRACTOR. PROVIDE FLASHING AND SADDLES FOR ALL EQUIPMENT
E.	PROVIDED UNDER MECHANICAL. SADDLES AND TAPERED INSULATION SYMBOLS INDICA DESIGN INTENT TO SLOPE TO DRAIN. CONTRACTOR SH PROVIDE SUBMITTAL DRAWIINGS FOR TAPERED
F.	INSULATION AND SADDLES TO INSURE POSITIVE SLOPE THE ROOF CONTRACTOR SHALL PROTECT ALL ROOF DRAINS, SCUPPERS, AND DOWNSPOUTS FROM DEBRIS CREATED DURING DEMOLITION AND CONSTRUCTION. T ROOF CONTRACTOR SHALL INSPECT AND CLEAR ALL
G.	DRAINS, SCUPPERS, AND DOWNSPOUTS PRIOR TO COMPLETION OF WORK AND TO ENSURE THAT THEY AF FREE OF DEBRIS AND ARE FUNCTIONING PROPERLY. MECHANICAL, ELECTRICAL AND PLUMBING INFORMATIC SHOWN ON THIS PLAN IS GENERAL IN NATURE. REFER P, M AND E DRAWINGS FOR FURTHER INFORMATION AN COORDINATE ALL REQUIRED ROOF OPENINGS OR ROO MOUNTED EQUIPMENT.
	OF PLAN NOTES
(ALL	NOTES MAY NOT BE INDICATED ON THIS SHEET)
1	PRE-FINISHED METAL COPING SYSTEM.
2 3	8"X8" METAL GUTTER SYSTEM. 6"X6" MIN. METAL DOWNSPOUT WITH WIRE STRAINER CONNECT TO UNDERGROUND STORM PIPING, SEE CI
4	ROOF HATCH.
5	CONCRETE SPLASH BLOCK WITH SLIP SHEET UNDERNEATH.
6	ROOF DRAIN / OVERFLOW DRAIN. SEE 1/AR102 AND PLUMBING FOR ADDITIONAL INFORMATION.
7	MECHANICAL EQUIPMENT. SEE MECHANICAL PLANS. PROVIDE INSULATED CURB SYSTEM.
9	ROOF EXPANSION JOINT ASSEMBLY.
10	SEAM MOUNTED METAL SNOW GUARDS, BY METAL BUILDING MANUFACTURER.
11	MOLDED WALKWAY PADS.
12	24" WIDE FIXED ALUMINUM ACCESS LADDER WITH CROSSOVER PLATFORM. SEE DETAILS ON AR103.
13	PROVIDE INSULATED, STAINLESS STEEL CAP OVER

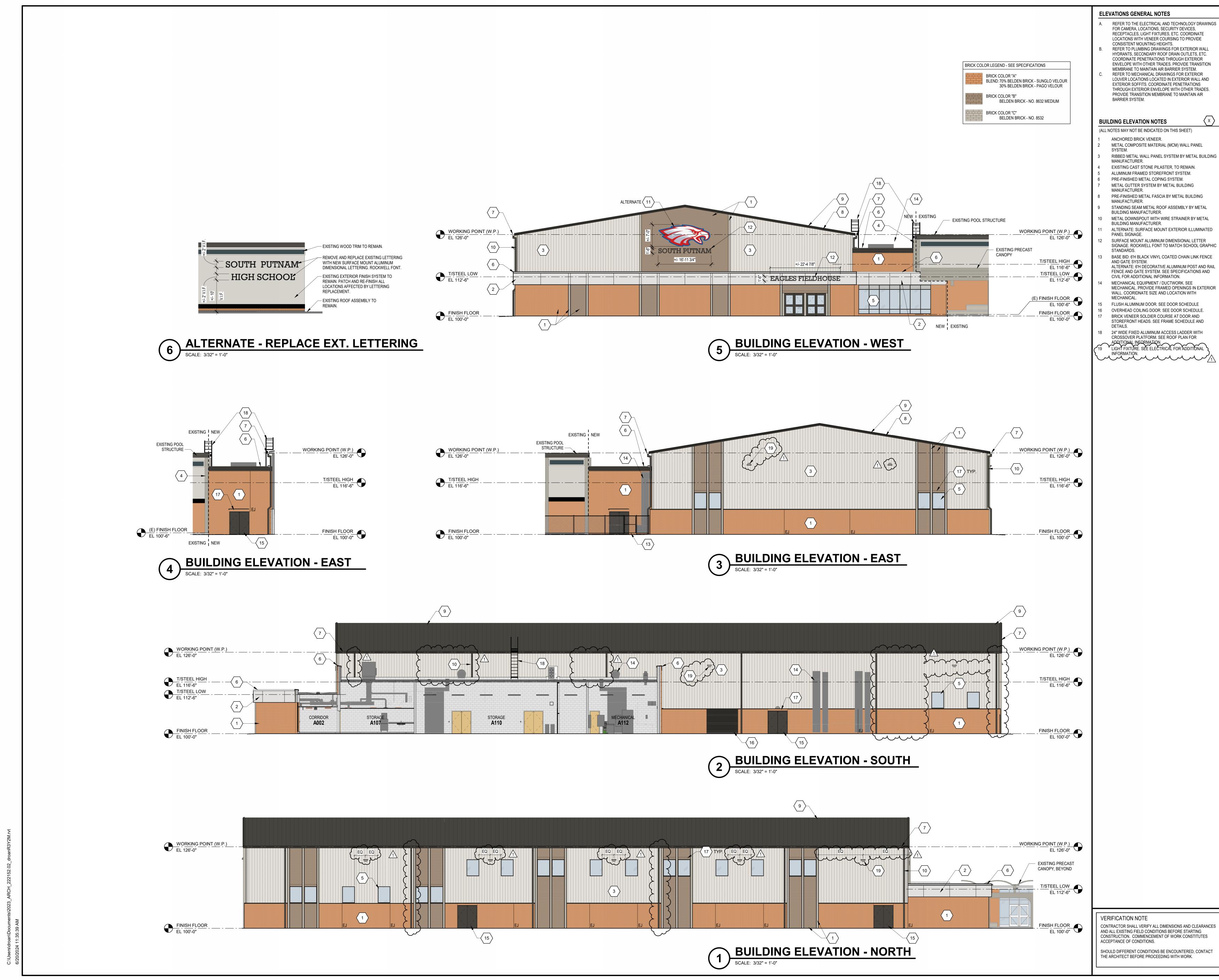
	CROSSOVER PLATFORM. SEE DETAILS ON AR103.
13	PROVIDE INSULATED, STAINLESS STEEL CAP OVER
	EXISTING ROOF CURB. RE-FLASH EXISTING ROOF WI
	MEMBRANE TO MATCH. MAINTAIN ALL EXISTING
	WARRANTIES. SEE MECHANICAL FOR ADDITIONAL
	INFORMATION.

ROOF TYPE LEGEND	

- STANDING SEAM METAL ROOF SYSTEM ON PURLINS AND METAL BUILDING INSULATION BELOW, BY METAL BUILDING MANUFACTURER.
- MEMBRANE ROOFING SYSTEM (ADHERED) ON 1/4" COVER BOARD OVER FLAT AND TAPERED ROOF INSULATION (1/4" PER FT.) OVER VAPOR BARRIER ON METAL ROOF DECK.

ROOF PLAN	LEGEND
	INDICATES ROOF DRAIN (RD) AND OVERFLOW DRAIN (OD). (FLASH IN ACCORDANCE WITH RO MEMBRANE MANUFACTURER'S RECOMMENDATION.) REFER TO DETAIL 1-AR1
⊖ VS	INDICATES VENT STACK - REFER TO PLUMBING DRAWINGS AND 5-AR102 & 6-AR102
⊖ FL	INDICATES FLUE - REFER TO MECHANICAL DRAWINGS
\otimes	INDICATES MECHANICAL EQUIPMENT - REFER MECHANICAL DRAWINGS AND 4-AR102
	INDICATES ROOF SLOPE
\bigcirc	INDICATES ROOF SADDLE - REFER TO PROJECT MANUAL.
	INDICATES EXPANSION JOINT - REFER TO ROOF PLAN AND WALL SECTIONS.
	INDICATES WALL LINE BELOW - REFER TO ARCHITECTURAL FLOOR PLANS
DS	INDICATES METAL DOWNSPOUT. REFER TO R PLAN AND BUILDING ELEVATIONS FOR LOCAT
	INDICATES WALKWAY PADS -REFER TO PROJE MANUAL
AND ALL EXISTIN	HALL VERIFY ALL DIMENSIONS AND CLEARANCE G FIELD CONDITIONS BEFORE STARTING COMMENCEMENT OF WORK CONSTITUTES
	ENT CONDITIONS BE ENCOUNTERED, CONTACT BEFORE PROCEEDING WITH WORK.







SOUTH PUTNAM MS / HS -FIELDHOUSE ADDITION

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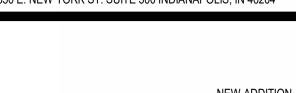


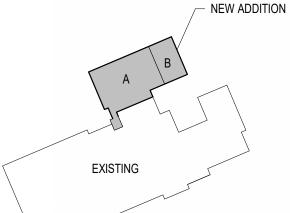
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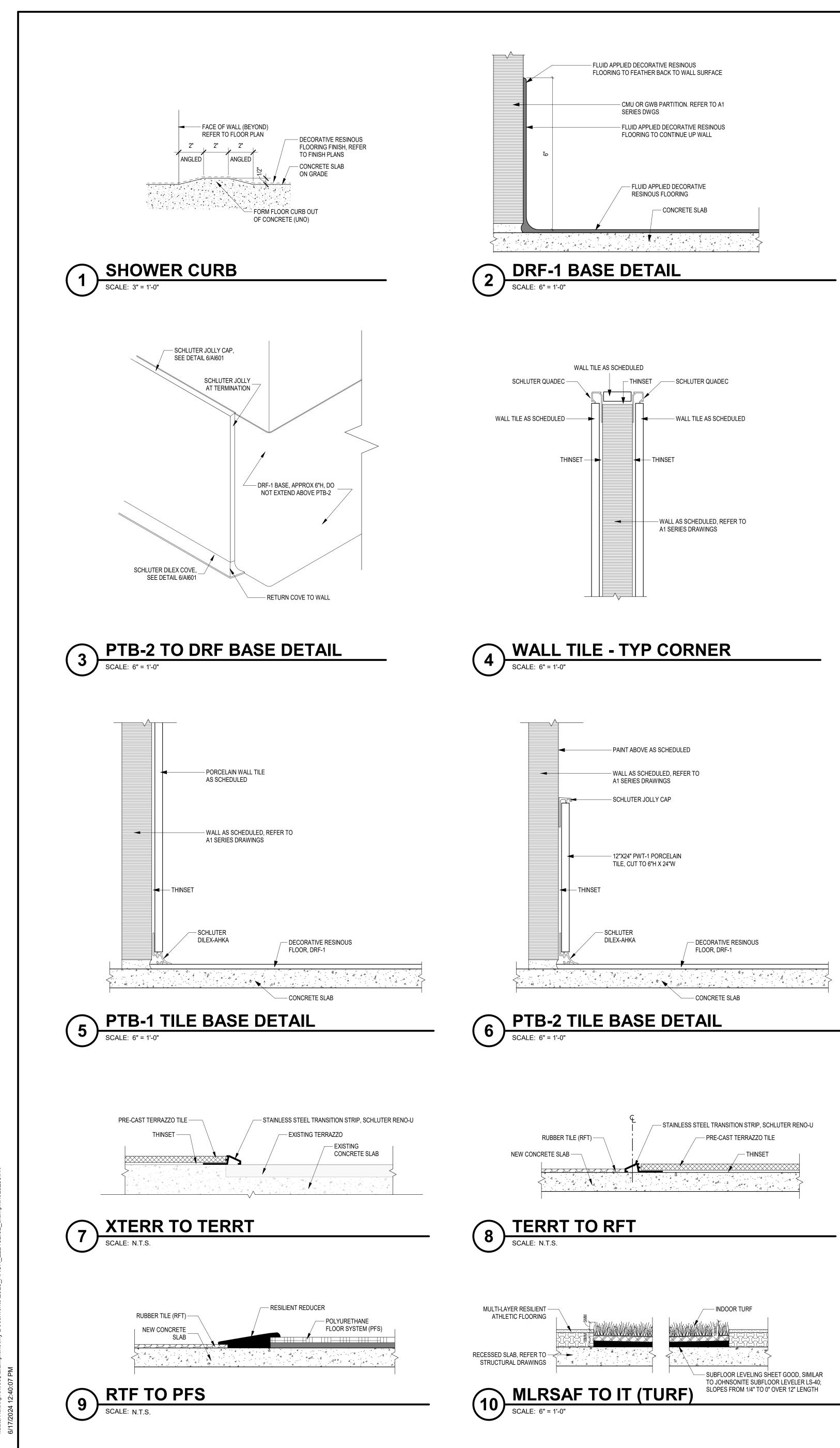


DRAWN BY: DSR PROJECT NUMBER: 222152.03 PROJECT ISSUE DATE: 05/23/2024 REV.

NO.	DESCRIPTION	DATE
1	ADDENDUM #2	06/20/2024

BUILDING ELEVATIONS





ABUSE-RESISTANT ACO	USTICAL WALL TILES	
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
AR-AWT-1 AR-AWT-2 AR-AWT-3	ARMSTRONG / TECTUM ARMSTRONG / TECTUM ARMSTRONG / TECTUM	TO BE SELECTED (MEI TO BE SELECTED (DAF MATCH P-5
GROUT		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
GT-1 (WALL TILE) GT-2 (SALVAGED BASE) GT-3 (POOL)	REFER TO SPECIFICATIONS REFER TO SPECIFICATIONS REFER TO SPECIFICATIONS	TO BE SELECTED TO BE SELECTED (BES TO BE SELECTED (BES
	%/ INTERIOR WOOD TRIM	
WOOD SPECIES TO BE P	S, WOOD TRIM, ETC. COLOR TO BE SELECTED LAIN SLICED RED OAK. GAMPLES FOR VERIFICATION.) (BEST MATCH EXISTING).
RESILIENT MOLDING AC	CESSORIES	
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
RMA-1	JOHNSONITE/TARKETT	TO BE SELECTED
CEILING F	INISHES	
ACOUSTICAL CEILING TI	LES	
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION

		SHERWIN WILLIAMS	PAINT PAINT
	PES-1	SHERWIN WILLIAMS	MATCI
_	MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLO
	PAINTED EXPOSED STRU	CTURE	
_	IFS-1	REFER TO SPECIFICATIONS	TO BE
_	MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLO
	INTERIOR FINISH SYSTEM	Λ	
	ACT-2 ACT-3	FINE FISSURED HIGH NRC #1713 ARMSTRONG / TUNDRA #301 ARMSTRONG / SCHOOL ZONE FINE FISSURED HIGH NRC #1713	WHITE WHITE

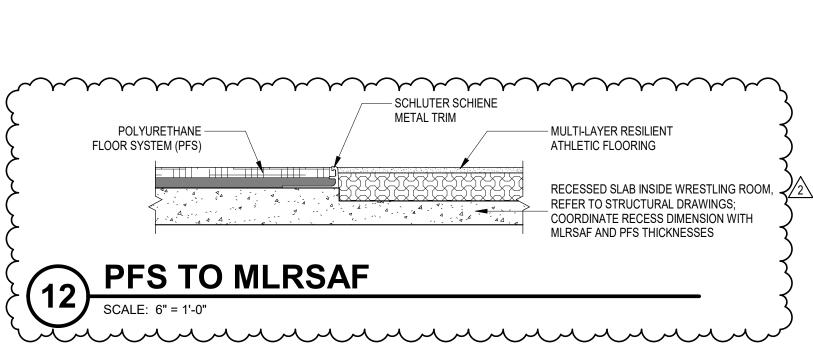
PAINT TYPE GENERAL NOTES

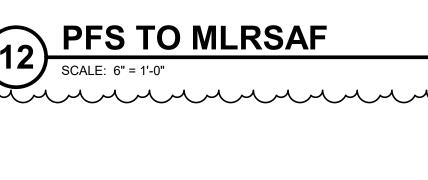
UNDER SECTION 099123 - INTERIOR PAINTING, PAINT EXPOSED PIPES, DUCTWORK, BREACHING, CONDUIT, INSULATED PIPES, CONDUIT HANGERS, SUPPORTS, BRACING, ETC., WHICH OCCURS IN SPACES DESIGNATED TO BE PAINTED IN PART OR WHOLE. PAINTING AND FINISHING OF EXTERIOR SURFACES AS DESIGNATED. DETAILS SHALL BE UNDER THE WORK SECTION 0991113 - EXTERIOR PAINTING. WALLS

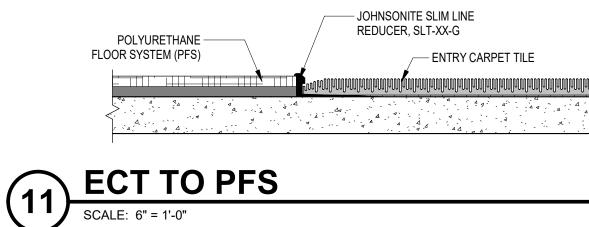
- A. CONCRETE MASONRY UNITS (CMU): PAINT ALL NON-INTEGRALLY COLORED CMU WALLS WITH INTERIOR PAINT TYPE #4.14 (SEMI-GLOSS), UNLESS OTHERWISE INDICATED BELOW WITH HIGH-PERFORMANCE COATINGS.
- GYPSUM WALLBOARD (GWB): ALL GYPSUM BOARD WALLS SHALL BE PAINTED WITH INTERIOR PAINT TYPE #9.23 (SEMI-GLOSS) UNLESS OTHERWISE INDICATED BELOW WITH HIGH-PERFORMANCE COATINGS.
- WALLS HIGH PERFORMANCE COATINGS:
- A. IN THE FOLLOWING ROOMS PAINT WITH PAINT CODE #4.224 (CMU WALLS, EPOXY-SEMI-GLOSS) OR #9.211 (GYPSUM BOARD WALLS, EPOXY-SEMI-GLOSS). REFER TO SECTION 099600 - HIGH PERFORMANCE COATINGS: A002 CORRIDOR, A102 VESTIBULE, A103 & A104 RESTROOM (BASE BID ONLY), A105 & A106 LOCKER ROOMS, A108 FAMILY RESTROOM, A109 CHANGING ROOM, A113 GYMNASIUM, & B115 WEIGHT ROOM (CMU ONLY).
- IN THE FOLLOWING ROOMS PAINT WITH PAINT CODE #5.223 (MAINFRAMES AND EXPOSED STEEL COLUMNS UP TO 10'-0"A.F.F.): A113 GYMNASIUM, & B115 WEIGHT ROOM
- **CEILING/STRUCTURE INTERIOR PAINTING:**
- EXPOSED STEEL (FERROUS) STRUCTURE: SHALL BE PAINTED WITH PAINT CODE #5.11, DRY FALL. EXPOSED STEEL (FERROUS) SUBSTRATES: MAINFRAMES ABOVE 10'-0"A.F.F., RAFTERS, EXPOSED GIRTS & PURLINS SHALL BE PAINTED
- WITH PAINT CODE #5.12, SEMI-GLOSS. GALVANIZED METAL (EXCLUDING STRUCTURE): EXPOSED STEEL DECK SHALL BE PAINTED WITH PAINT CODE #5.31, DRY FALL. GALVANIZED STEEL (COILING DOOR TRIM): SHALL BE PAINTED WITH PAINT CODE #5.322.
- GALVANIZED STEEL: ALL OTHER SHALL BE PAINTED WITH PAINT CODE #5.32.
- **MISC. MATERIALS INTERIOR PAINTING:**
- A. METAL, EXISTING: SURFACES THAT HAVE BEEN PREVIOUSLY PAINTED, SUCH AS HOLLOW METAL, EXPOSED STEEL, SHALL BE PAINTED WITH PAINT CODE #5.12, SEMI-GLOSS. EXPOSED MECHANICAL INSULATION SHALL BE PAINTED WITH PAINT CODE #10.11.

PAINT COLOR GENERAL NOTES

- ALL INTERIOR WALLS SHALL BE PAINTED P-1, UNLESS OTHERWISE INDICATED ON FINISH PLANS OR INTERIOR ELEVATIONS. PAINT ALL GWB SOFFITS P-1 UNLESS OTHERWISE NOTED ON FINISH PLANS OR INTERIOR ELEVATIONS. PAINT ALL SIDES (HORIZ. AND VERT.) OF SOFFIT INDICATED COLOR, UNLESS OTHERWISE NOTED. PAINT ALL PAINTED EXPOSED CEILINGS AND GYPSUM BOARD CEILINGS P-3 UNLESS OTHERWISE NOTED ON FINISH PLANS, CEILING
- PLANS, OR INTERIOR ELEVATIONS. ALL INTERIOR HOLLOW METAL FRAMES, DOOR FRAMES, AND HANDRAILS TO BE PAINTED P-2 UNLESS OTHERWISE NOTED.







E SELECTED (MEDIUM GRAY) E SELECTED (DARK GRAY)

SELECTED E SELECTED (BEST MATCH EXISTING) E SELECTED (BEST MATCH EXISTING)

OR SELECTION

IITE / 2'X2' IITE / 2'X2' / 4"H AXIOM TRIM

OR SELECTION

E SELECTED (WHITE)

OR SELECTION CH P-3

T DECK/ MECHANICAL/ ETC NT MAIN FRAMES, P-6 PAINT PURLINS/ MECHANICAL/ ETC, P-7

GYPSUM WALLBOARD (GWB): NEW OR EXISTING SOFFITS, CEILINGS, AND BULKHEADS SHALL BE PAINTED WITH PAINT CODE #9.21, FLAT.

- ENTRY CARPET TILE

	TEDIALO	
FLOOR MA	TERIALS	
CERAMIC MOSAIC TILE		
MATERIAL ABBREVIATION		
CMT-1	DALTILE / KEYSTONES AMERICAN OLEAN / UNGLAZED COLORBODY	GROUP 2, TO BE SELECTED / 1"X1" GROUP 2, TO BE SELECTED / 1"X1"
DECORATIVE RESINOUS F	LOORING	
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
DRF-1	REFER TO SPECIFICATIONS	TO BE SELECTED
ENTRANCE CARPET TILE		
MATERIAL ABBREVIATION ECT-1	MATERIAL/MANUFACTURER	TO BE SELECTED
	MANNINGTON "FRIXTION / INERTIA"	TO BE SELECTED
TERRAZZO TILE		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	DC-1907 / 24"X24"
TERRT-2	NURAZZO / DESIGNER'S CHOICE	DC-1907724 X24 DC-202724"X24"
FLOOR SEALER		
MATERIAL ABBREVIATION		COLOR SELECTION
FS-1	REFER TO SPECIFICATIONS	CLEAR
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER PLAE / ATTACK	GREEN / 19MM
IT-2	PLAE / ATTACK	WHITE / 19MM
MULTI-LAYER RUBBER ATI		
MATERIAL ABBREVIATION MLRSAF-1 (WEIGHT ROOM)	MATERIAL/MANUFACTURER PLAE / ACHIEVE	TO BE SELECTED / 18MM
MLRSAF-2 (WEIGHT-PLATFÓRM) MLRSAF-3 (WEIGHT-PLATFORM)	PLAE / ACHIEVE PLAE / ACHIEVE	TO BE SELECTED / 18MM TO BE SELECTED / 18MM
POLYURETHANE FLOOR S	YSTEM	
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
PFS-1 (FIELD/BORDER)	ROBBINS / PULASTIC CLASSIC 110 ACTION FLOOR SYSTEMS / HERCULEAN	DUSTY GREY 506 / 11MM MATCH ROBBINS
PFS-2 (TRACK) PFS-3 (COURT)	ROBBINS / PULASTIC CLASSIC 110 ACTION FLOOR SYSTEMS / HERCULEAN ROBBINS / PULASTIC CLASSIC 110	IRON GREY 507 / 11MM MATCH ROBBINS STONE GREY 504 / 11MM
PFS-4 (COURT ACCENT)	ACTION FLOOR SYSTEMS / HERCULEAN ROBBINS / PULASTIC CLASSIC 110 ACTION FLOOR SYSTEMS / HERCULEAN	MATCH ROBBINS CAPRI BLUE 309 / 11MM MATCH ROBBINS
RUBBER FLOOR TILE		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
RFT-1	NORA / NORAMENT SATURA	TITAN 5112 / 39.53" X 39.53"
WOOD ATHLETIC FLOORIN	IG	
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
WAF-1	REFER TO SPECIFICATIONS	TO BE SELECTED
BASE MAT	ERIALS	
DECORATIVE RESINOUS B	ASE	6"HIGH INTEGRAL BA
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
DRF-1	REFER TO SPECIFICATIONS	TO BE SELECTED
PORCELAIN TILE BASE		
MATERIAL ABBREVIATION		
PTB-1 PTB-2	SCHLUTER DILEX-AHKA TRIM (TILE AS SCHEDULED) SCHLUTER DILEX-AHKA & JOLLY	TO BE SELECTED TO BE SELECTED
REFER TO 5/Al601 FOR PT	PLATFORM SURFACES / CODEC B-1 DETAIL, 6/AI601 FOR PTB-2 DETAIL	GRAY / 12"X24", CUT TO 6"X24" / 8MM THICK
RESILIENT BASE	,	COVE BA
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COVE BA
RB-1	JOHNSONITE/TARKETT	TO BE SELECTED
WALL FINI	SHES	
PAINT		
MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
P-1 (FIELD) P-2 (DOOR FRAMES)	SHERWIN WILLIAMS SHERWIN WILLIAMS	MATCH EXISTING (SIMILAR TO SW7009 PEARLY WHITE) MATCH EXISTING (SIMILAR TO SW7067 CITYSCAPE)
P-3 (CEILINGS/ACCENT) P-4 (SCHOOL BLUE)	SHERWIN WILLIAMS SHERWIN WILLIAMS	TO BE SELECTED TO BE SELECTED
P-5 (SCHOOL RED)	SHERWIN WILLIAMS	TO BE SELECTED

PORCELAIN WALL TILE

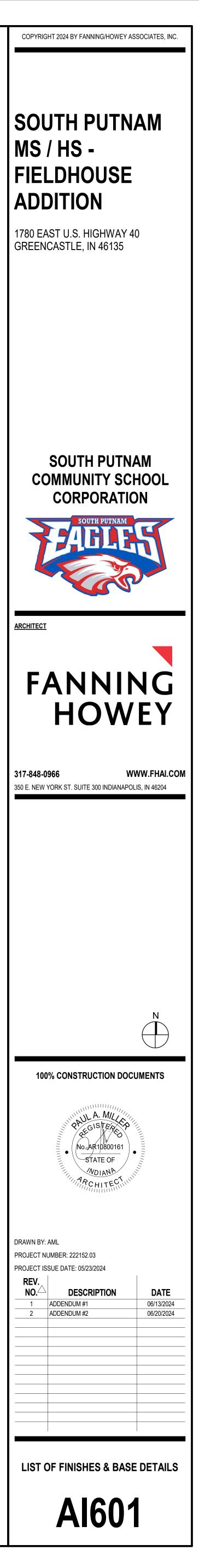
MATERIAL ABBREVIATION

PWT-1 (FIELD) PWT-2 (ACCENT) PLATFORM SURFACES / CODEC

MATERIAL/MANUFACTURER

COLOR SELECTION

GRAY / 24"X48" / 9MM THICK PLATFORM SURFACES / GHAIA MIX PEARL MATTE / 24"X48" / 9MM THICK



			(OMMERCIAL WATER (CLOSET SCHEDULE (224213.13)							
			FIXTURE		FLUSHOMETER		FIXTUR		IECTION	MOUNTING	ADA	
MARK	MANUFACTURER	MODEL	DESCRIPTION	MANUFACTURER	MODEL	TOILET SEAT	CW	W	V	(FLOOR TO RIM)	COMPLIANT	NOTES
WC-1	AMERICAN STANDARD	#2257.101	WALL-MOUNTED, TOP SPUD WATER CLOSET	SLOAN	REGAL #111-1.28	CLOSED BACK, OPEN FRONT	1"	4"	2"	15"	No	
WC-2	AMERICAN STANDARD	#2257.101	WALL-MOUNTED, TOP SPUD, ACCESSIBLE WATER CLOSET	SLOAN	REGAL #111-1.28	CLOSED BACK, OPEN FRONT	1"	4"	2"	17"	Yes	

 MARK
 MANUFACTURER
 MODEL

 UR-1
 AMERICAN STANDARD
 #6590.001

				COMMERCIAL LAVATORY S	CHEDULE (224216.13)							
			FIXTURE	FAU	CET	FIX	TURE CO	DNNECT	ION	MOUNTING	ADA	
MARK	MANUFACTURER	MODEL	DESCRIPTION	MANUFACTURER	MODEL	CW	HW	W	V	(FLOOR TO RIM)	COMPLIANT	NOTES
L-1	BRADLEY	LVQD2-WB2	VERGE LAVATORY SYSTEM – LVQ SERIES, TWO STATION	CHICAGO FAUCET	#410-E2805ABCP	3/4"	3/4"	1 1/2"	1 1/2"	34"	Yes	
L-2	AMERICAN STANDARD	LUCERNE #0355.012	VITREOUS CHINA, WALL MOUNTED, WITH BACK	CHICAGO FAUCET	#802-VE66ABCP	1/2"	1/2"	1 1/2"	1 1/2"	34"	Yes	

			COMMERCIAL	SINK SCHEDULE (22421	6.16)							
		FD	KTURE	FAU	JCET	FIX	TURE CO	DNNECT	ION		ADA	
MARK	MANUFACTURER	MODEL	DESCRIPTION	MANUFACTURER	MODEL	CW	HW	W	V	MOUNTING	COMPLIANT	NOTES
MB-1	ZURN	#Z1996-24	MOLDED STONE, FLOOR MOUNTED (RECESSED) MOP BASIN	CHICAGO FAUCET	#897-ABRCF	3/4"	3/4"	3"	1 1/2"	FLOOR MOUNTED		
SK-1	ELKAY	#LRAD332265	STAINLESS STEEL, TWO BOWLS, COUNTER MOUNTED SINK	CHICAGO FAUCET	#1100-GN2AE3XKABCP	1/2"	1/2"	1 1/2"	1 1/2"	COUNTER MOUNTED	Yes	

			PRESSURE WATER COOLER SCHEDULE (224716)						
			IDENTITY DATA	FIXTUR	E CONN	ECTION	MOUNTING	ADA	
MARK	MANUFACTURER	MODEL	DESCRIPTION	CW	W	V	(FLOOR TO BUBBLER)	COMPLIANT	NOTES
EWC-1	ELKAY	#VRC8S	VANDAL RESISTANT, REFRIDGERATED, ELECTRIC WATER COOLER, WALL-MOUNTED	1/2"	1 1/2"	1 1/2"	41"	No	PROVIDE REPLACEABLE WATER FILTER
EWC-2	ELKAY	#LVRCGRN8WSK	VANDAL RESISTANT, FILTERED, REFRIDGERATED ELECTRIC WATER COOLER/BOTTLE FILLER:SATIN FINISHED STAINLESS STEEL BOWL AND CABINET, BOTTLE FILLING UNIT INCLUDES AN ELECTRONIC SENSOR FOR NO-TOUCH ACTIVATION. TRIM: ADJUSTABLE P-TRAP WITH CLEANOUT, 1/2" ANGLE STOP WITH LOOSE KEY HANDLE, 1/2" O.D. CHROME PLATED SUPPLY.	3/4"	1 1/2"	1 1/2"	36" A.F.F.	Yes	

	\wedge				SHOWER SCHEDULE (224223)						
					FIXTURE	FL	XTURE CO	NNECT	ION	ADA	
		MARK	MANUFACTURER	MODEL	DESCRIPTION	CW	HW	W	V	COMPLIANT	NOTES
		SH-1	BRADLEY	#WS-1WCA-EF-ES -ST-RSD-SHV-VS		1/2"	1/2"				
		SH-2	BRADLEY	0-ST-SD-SB-SHV-	SURFACE MOUNTED SHOWER VALVE AND HEAD WITH HAND HELD SHOWER AND TRIM	1/2"	1/2"			Yes	
				VS							
					TIC WATER PIPING SPECIALTIES SCHEDULE (221119)						
			IDENTITY	DOMES		XTURE	CONNECT	ION		NOUNTING	
MARK	MANUFACTURER	MODEL		DOMES		XTURE		ION		AOUNTING DR TO OUTLET)	NOTES
MARK IMB-1	MANUFACTURER GUY GRAY	MODEL #SSIB2AB		DOMES	FI			ION V	(FL00		NOTES
				Domes i data	FI DESCRIPTION CW			ION V	(FLOO	OR TO OUTLET)	NOTES

			IDENTITY DATA	W	
MARK	MANUFACTURER	MODEL	DESCRIPTION	CONNECTION	NOTES
FD-1	ZURN	#Z415B-ZB	DUCO CAST IRON BODY WITH FLASHING COLLAR, ADJUSTABLE ROUND STRAINER HEAD, POLISHED BRONZE STRAINER	2"	TRAPGUARD BY PROSET, NO SUBSTITUTIONS
FD-2	ZURN	#Z662-DG	DUCO CAST IRON BODY WITH FLASHING COLLAR AND CAST IRON GRATE, SQUARE GRATE AND SEDIMENT BUCKET	4"	
SD-1	J.R. SMITH	#2005-A05-PB	DUCO CAST IRON BODY WITH FLASHING COLLAR, ADJUSTABLE ROUND STRAINER HEAD, POLISHED BRONZE STRAINER	2"	

MARK ORD-1 RD-1

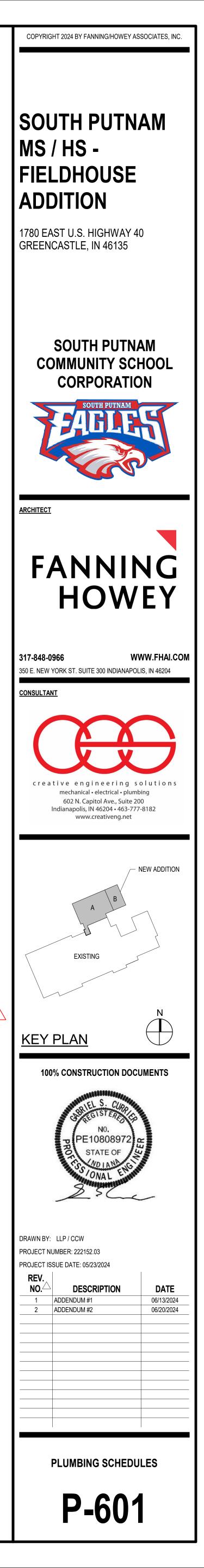
			CIRCULATION AND SUMP PUMPS								
			IDENTITY DATA	PLUN	//BING		ELEC	TRICAL			1
MARK	MANUFACTURER	MODEL	DESCRIPTION	FLOW RATE (GPM)	PUMP HEAD (TDH)	VOLTAGE	PHASE	RPM	HP	NOTES	
FP-1	XYLEM-AC	#FP11CLC-3	VERTICAL TURBINE FIRE PUMP	500		460	3	1800	30		
SP-1	ZOELLER	#G7110	SEWAGE GRINDER PUMP	60	24	460	3	3450	3	SEE DETAIL 4/P-501 AND DRAWING PP101 PLAN NOTE 8 FOR ADDITIONAL INFORMATION	
SP-2	ZOELLER	#G7110	SEWAGE GRINDER PUMP	60	24	460	3	3450	3	SEE DETAIL 4/P-501 AND DRAWING PP101 PLAN NOTE 8 FOR ADDITIONAL INFORMATION	

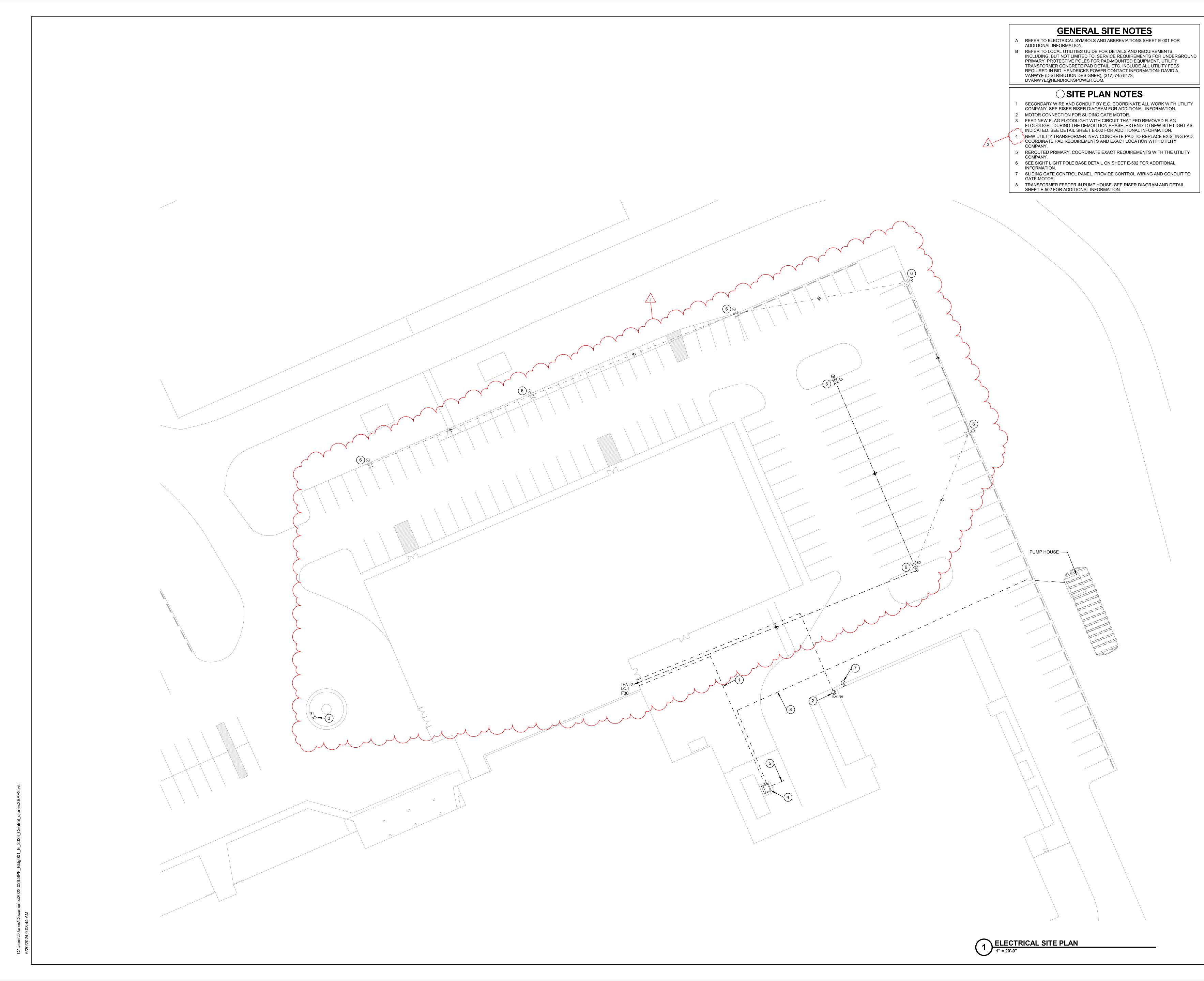
	СОМ	MERCIAL URINAL SCHEDUL	E (224213.16)						
D	(TURE	FLU	JSHOMETER	FIXTUR	E CONN	ECTION	MOUNTING	ADA	
	DESCRIPTION	MANUFACTURER	MODEL	CW	W	V	(FLOOR TO RIM)	COMPLIANT	NOTES
	WALL-HUNG, BACK OUTLET, WASHOUT, ACCESSIBLE	SLOAN	REGAL #186.0.125	3/4"	2"	1 1/2"	17"	Yes	

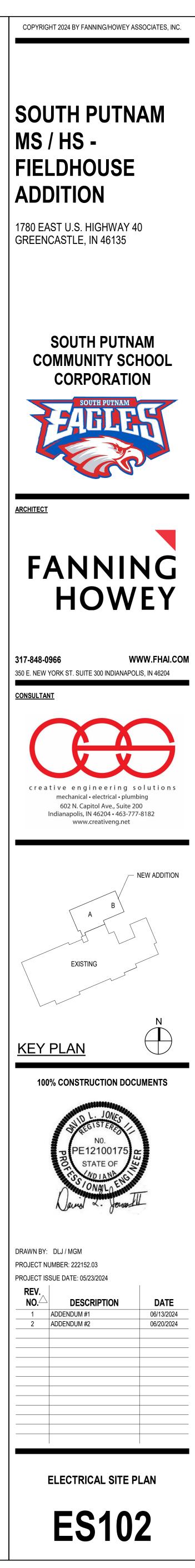
		IDENTITY DATA	W	
MANUFACTURER	MODEL	DESCRIPTION	CONNECTION	NOTES
ZURN	#ZC100-C-EA-R-89	DUCO CAST IRON BODY, FLASHING CLAMP AND GRAVEL STOP WITH CAST IRON DOME, CAST IRON WATER DAM	<varies></varies>	
ZURN	#ZC100-C-EA-R	DUCO CAST IRON BODY WITH FLASHING CLAMP AND CAST IRON DOME	<varies></varies>	

			WATER HAMMER ARE	RESTER (221119)		
MARK	IPS	F.U. RATING	J.R. SMITH NO.	WADE NO.	ZURN NO.	REMARKS
А	3/4"	1-11	5005	W-5	100	P.D.I. CERTIFIED
В	1"	12-32	5010	W-10	200	P.D.I. CERTIFIED
С	1"	33-60	5020	W-20	300	P.D.I. CERTIFIED
D	1"	61-113	5030	W-50	400	P.D.I. CERTIFIED
E	1"	114-154	5040	W-75	500	P.D.I. CERTIFIED

			IDENTITY DATA			
MARK	MANUFACTURER	MODEL	DESCRIPTION		FLOW RATE	PRESSURE DROP
BFP-1	ZURN WILKINS	#975XLS2 - 2"	REDUCED PRESSURE BACKFLOW PREV	VENTER	160 GPM	15.20 psi
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		RE PROTECTION EQUIPMENT SCHEDULE			
MARK	MANUFACTURER		RE PROTECTION EQUIPMENT SCHEDULE		CAPACITY	~~~~~~
MARK UST-1		FIF	RE PROTECTION EQUIPMENT SCHEDULE			

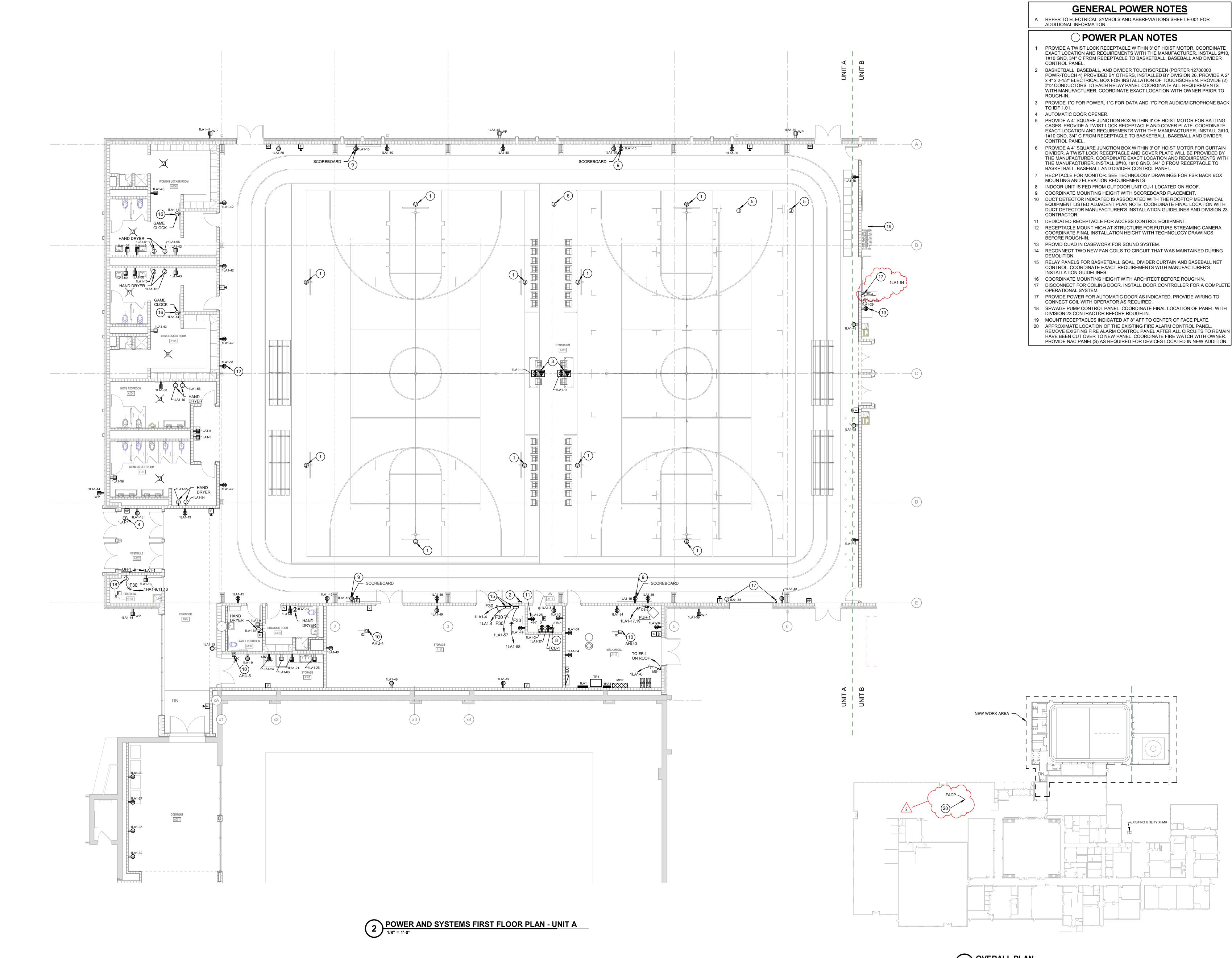


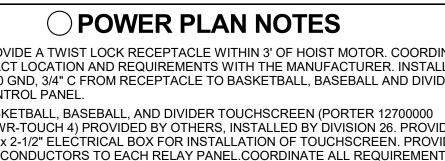






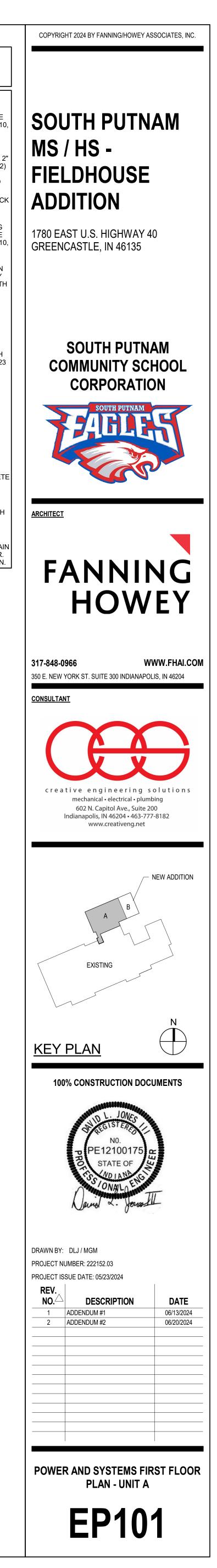






- #12 CONDUCTORS TO EACH RELAY PANEL.COORDINATE ALL REQUIREMENTS WITH MANUFACTURER. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO PROVIDE 1"C FOR POWER, 1"C FOR DATA AND 1"C FOR AUDIO/MICROPHONE BACK
- PROVIDE A 4" SQUARE JUNCTION BOX WITHIN 3' OF HOIST MOTOR FOR BATTING
- 1#10 GND, 3/4" C FROM RECEPTACLE TO BASKETBALL, BASEBALL AND DIVIDER PROVIDE A 4" SQUARE JUNCTION BOX WITHIN 3' OF HOIST MOTOR FOR CURTAIN
- DIVIDER. A TWIST LOCK RECEPTACLE AND COVER PLATE WILL BE PROVIDED BY THE MANUFACTURER. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH THE MANUFACTURER. INSTALL 2#10, 1#10 GND, 3/4" C FROM RECEPTACLE TO RECPTACLE FOR MONITOR. SEE TECHNOLOGY DRAWINGS FOR FSR BACK BOX
- DUCT DETECTOR INDICATED IS ASSOCIATED WITH THE ROOFTOP MECHANICAL EQUIPMENT LISTED ADJACENT PLAN NOTE. COORDINATE FINAL LOCATION WITH DUCT DETECTOR MANUFACTURER'S INSTALLATION GUIDELINES AND DIVISION 23
- RECEPTACLE MOUNT HIGH AT STRUCTURE FOR FUTURE STREAMING CAMERA.
- RECONNECT TWO NEW FAN COILS TO CIRCUIT THAT WAS MAINTAINED DURING
- RELAY PANELS FOR BASKETBALL GOAL, DIVIDER CURTAIN AND BASEBALL NET CONTROL. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER'S
- PROVIDE POWER FOR AUTOMATIC DOOR AS INDICATED. PROVIDE WIRING TO
- 18 SEWAGE PUMP CONTROL PANEL. COORDINATE FINAL LOCATION OF PANEL WITH
- REMOVE EXISTING FIRE ALARM CONTROL PANEL AFTER ALL CIRCUITS TO REMAIN HAVE BEEN CUT OVER TO NEW PANEL. COORDINATE FIRE WATCH WITH OWNER.

**OVERALL PLAN** 1" = 60'-0"

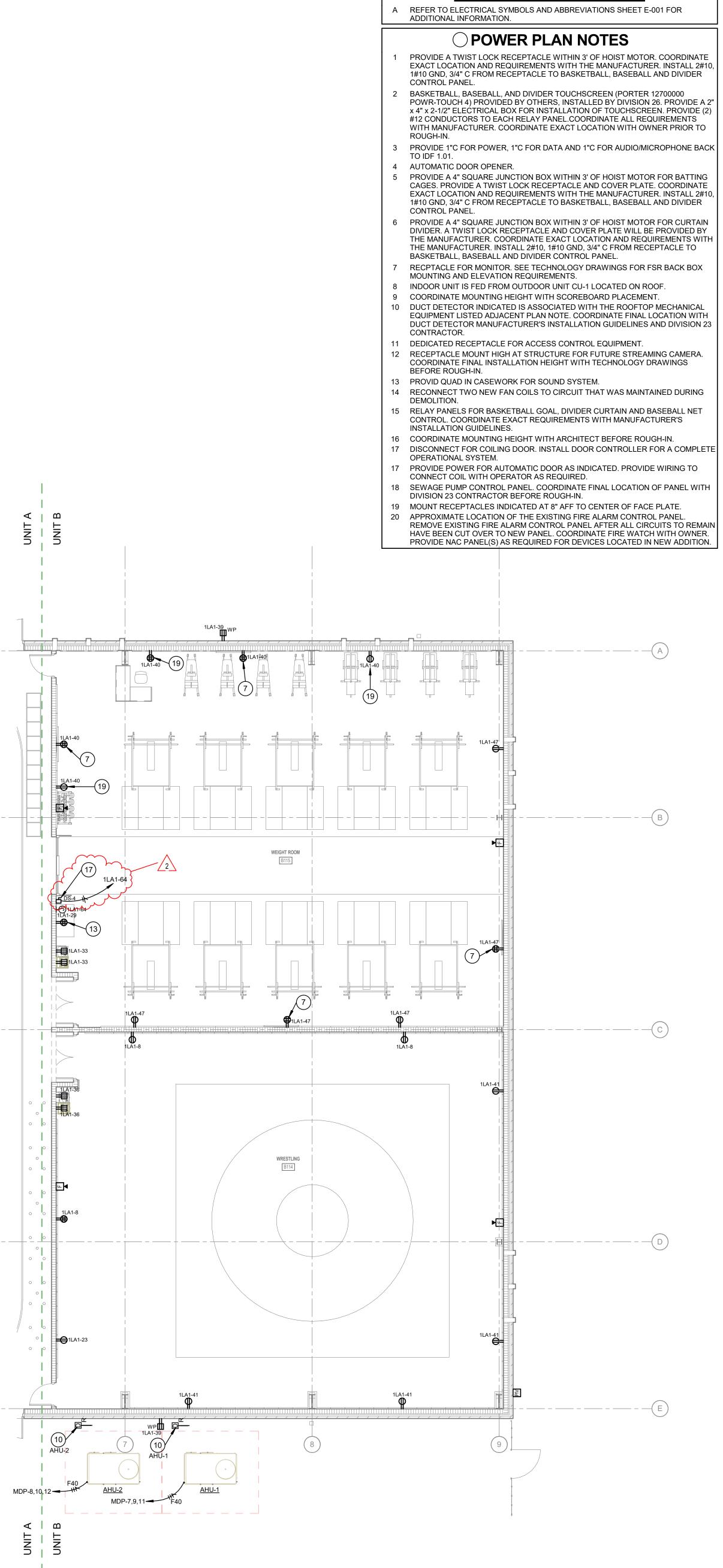


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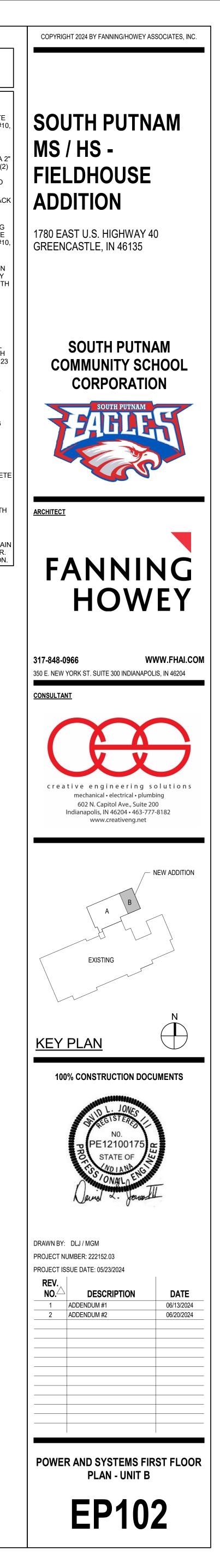
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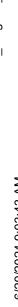
1 POWER AND SYSTEMS FIRST FLOOR PLAN - UNIT B

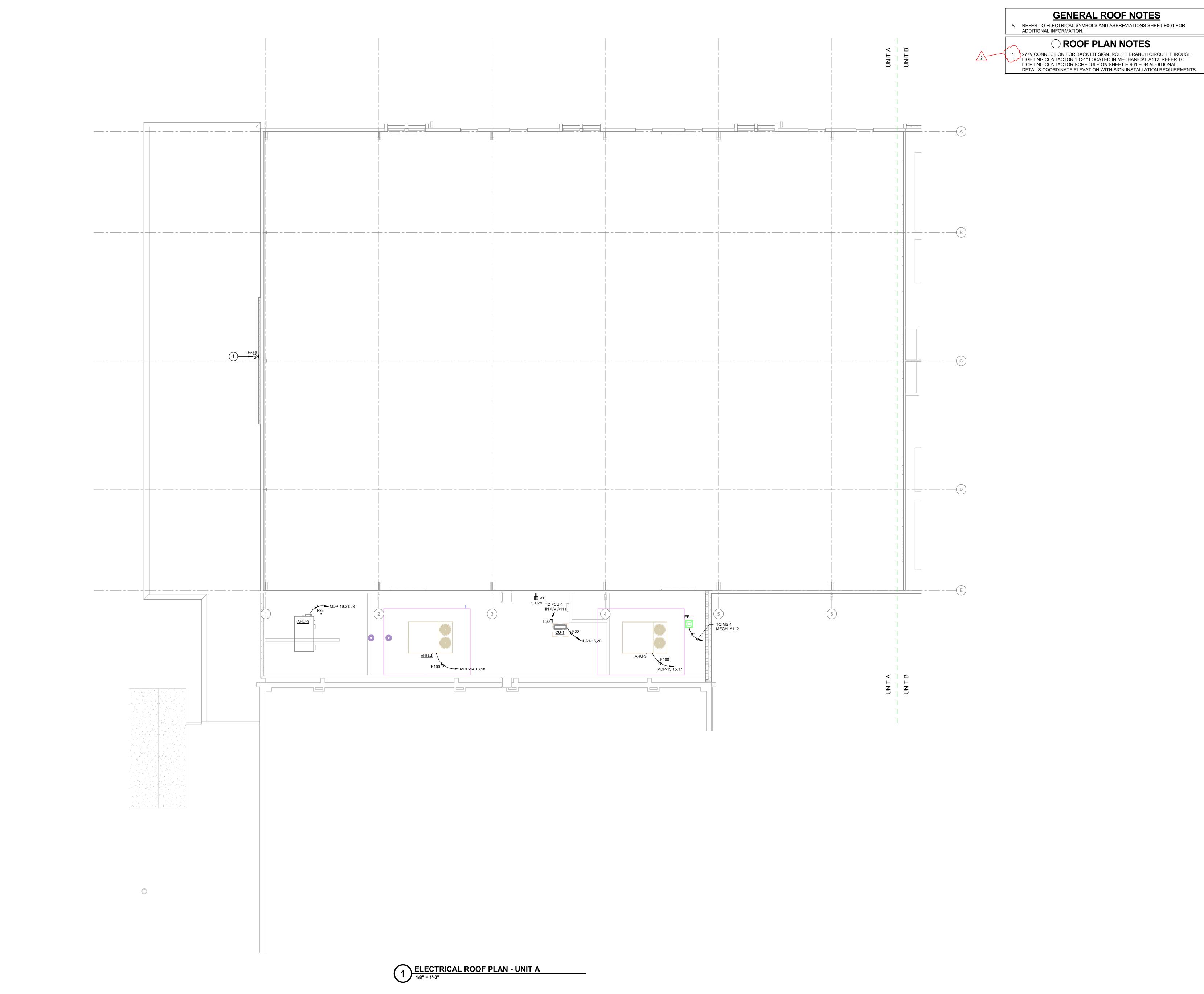


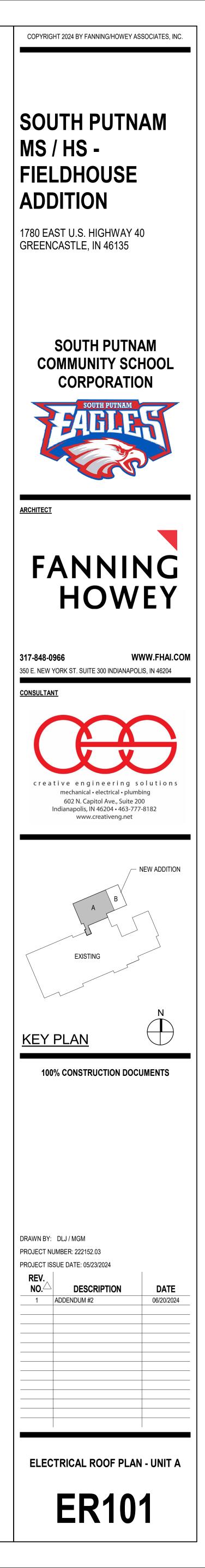
**GENERAL POWER NOTES** 











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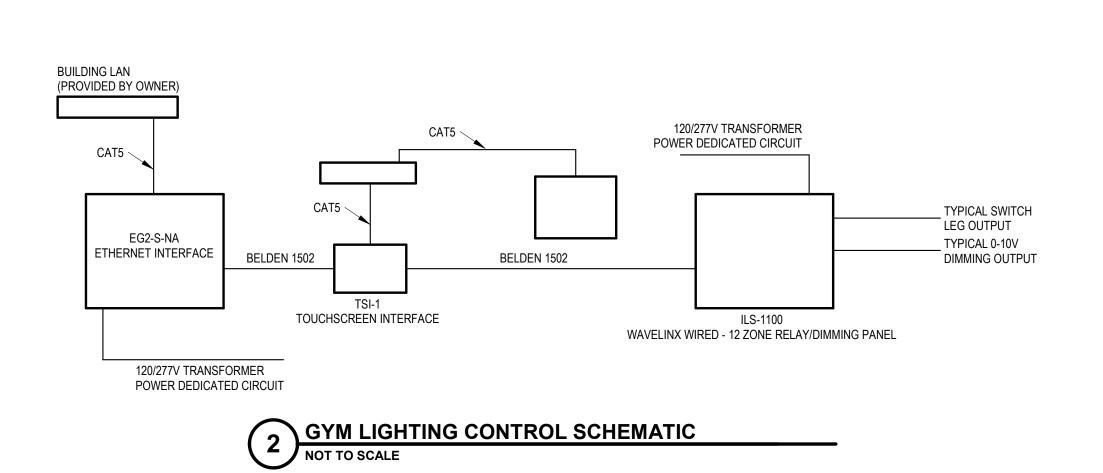
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	265119/265619/2	6213.1 - INTE	ERIOR/EXT	ERIOR/EMER	GENCY & EX	KIT LIGHT F	IXTURES SCHEDULE				
		SOURCE						1			
LABEL	DESCRIPTION	VOLTAGE	TYPE	LUMENS	WATTS	CCT	MOUNTING	LENS/REFLECTOR	CERTIFICATIONS	ACCEPTABLE MANUFACTURERS	LABE
M1	ARCHITECTURAL LED EMERGENCY ONLY SCONCE. PROVIDE EXTERNAL 6-12V DC EMERGENCY POWER SOURCE WITH TRANSFER LOGIC. U.L. LISTED WET LOCATION. BLACK FINISH.	120/277 V	LED	445 LM	17 W	4000 K	SURFACE/WALL	ACRYLIC	N/A	HUBBELL PGN EVENLITE WEATHERWAY ISOLITE OWL	EM1
1	16" DIAMETER LED HIGHBAY. WHITE POLYESTER POWDER COAT FINISH. ROUND, DECORATIVE SHIELD. WIDE DISTRIBUTION. 0-10V DIMMING.	120/277 V	LED	12,000 LM	106 W	4000 K	PENDANT	N/A	DLC	METALUX SSLED HOLOPHANE PHS HUBBELL PHB	L1
1X	16" DIAMETER LED HIGHBAY WITH BATTERY BACK-UP. WHITE POLYESTER POWDER COAT FINISH. ROUND, DECORATIVE SHIELD. WIDE DISTRIBUTION. 0-10V DIMMING.	120/277 V	LED	12,000 LM	106 W	4000 K	PENDANT	N/A	DLC	METALUX SSLED HOLOPHANE PHS HUBBELL PHB	L1X
2	4' LENSED LED STRIP LIGHT. 0-10V DIMMING, WHITE FINISH.	120/277 V	LED	2,600 LM	25 W	3500 K	CHAIN MOUNTED TO STRUCTURE	SEMI-FROSTED LENS	ES	METALUX SNLED COLUMBIA MPS LITHONIA ZL1D	L2
2X	4' LENSED LED STRIP LIGHT WITH BATTERY BACK-UP. 0-10V DIMMING, WHITE FINISH.	120/277 V	LED	2,600 LM	25 W	3500 K	CHAIN MOUNTED TO STRUCTURE	SEMI-FROSTED LENS	ES	METALUX SNLED COLUMBIA MPS LITHONIA ZL1D	L2X
3	2X4 LED FLAT PANEL. 0-10V DIMMING.	120/277 V	LED	3,600 LM	30 W	3500 K	RECESSED IN GRID	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CFP24 LITHONIA CPX	L3
3X	2X4 LED FLAT PANEL WITH BATTERY BACK-UP. 0-10V DIMMING.	120/277 V	LED	3,600 LM	30 W	3500 K	RECESSED IN GRID	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CFP24 LITHONIA CPX	L3X
4	6" ROUND LED DOWNLIGHT. SELF-FLANGED TRIM. 0-10V DIMMING. SUITABLE FOR WET LOCATIONS.	120/277 V	LED	1,000 LM	12 W	3000 K	RECESSED IN GRID	DIFFUSE IMPACT RESISTANT POLYCARBONATE LENS	DLC	PORTFOLIO LD6B PRESCOLITE LTR-6RD LITHONIA LDN6	L4
4X	6" ROUND LED DOWNLIGHT WITH BATTERY BACK-UP. SELF-FLANGED TRIM. 0-10V DIMMING. SUITABLE FOR WET LOCATIONS.	120/277 V	LED	1,000 LM	12 W	3000 K	RECESSED IN GRID	DIFFUSE IMPACT RESISTANT POLYCARBONATE LENS	DLC	PORTFOLIO LD6B PRESCOLITE LTR-6RD LITHONIA LDN6	L4X
6	4"X6' EXTRUDED ALUMINUM LED. 0-10V DIMMING.	120/277 V	LED	1,500 LM	15 W	3500 K	RECESSED IN GRID	FLUSH SATIN LENS	DLC	FOCAL POINT FSM4LS FINELITE HP4 PINNACLE EDGE	L6
6X	4"X6' EXTRUDED ALUMINUM LED WITH BATTERY BACK-UP. 0-10V DIMMING.	120/277 V	LED	1,500 LM	15 W	3500 K	RECESSED IN GRID	FLUSH SATIN LENS	DLC	FOCAL POINT FSM4LS FINELITE HP4 PINNACLE EDGE	L6X
7	LED FLOOD LIGHT. DIE-CAST ALUMINUM HOUSING. HINGED DOOR FRAME. BLACK FINISH. U.L. LISTED FOR WET LOCATIONS.	120/277 V	LED	7,827 LM	70 W	4000 K	WALL MOUNTED	TYPE III DISTRIBUTION	N/A	MCGRAW-EDISON ISS SPAULDING QSP LITHONIA WSQ	L7
8	LED FLOOD LIGHT. DIE-CAST ALUMINUM HOUSING. HINGED DOOR FRAME. BLACK FINISH. U.L. LISTED FOR WET LOCATIONS.	120/277 V	LED	11,468 LM	95 W	4000 K	WALL MOUNTED	TYPE III DISTRIBUTION	N/A	MCGRAW-EDISON ISS SPAULDING QSP LITHONIA WSQ	L8
51	LED IN-GROUND FLOOD LIGHT WITH NARROW SPOT DISTRIBUTION. HEAVY DUTY DIECAST ALUMINUM. UL LISTED FOR WET LOCATIONS.	120 V	LED	3,000 LM	26 W	4000 K	IN GRADE	TEMPERED CLEAR GLASS	DLC	LUMARK NFFLD LITHONIA DSXFLLED HUBBELL-FSL	S1
2	LED SITE FIXTURE. SINGLE-PIECE ALUMINUM HOUSING. ARM MOUNT. U.L. LISTED WET LOCATION. DARK BRONZE FINISH. ROUND, TAPERED 30' STEEL POLE DESIGNED TO SUPPORT FIXTURE(S) IN 100 MPH WINDS WITH 1.3 GUST FACTOR. PRIMARY FUSES. FLAT LENS. SURGE PROTECTION. (1) HEAD.	120/277 V	LED 2	9,843 LM	72 W	4000 K	30' POLE, BASE BY DIVISION 26 CONTRACTOR	N/A	DLC	LUMARK PRV BEACON VPS LITHONIA RSX1	S2
(1	LED EXIT LIGHT, MATTE BLACK DIE-CAST ALUMINUM HOUSING, BRUSHED ALUM. SINGLE FACE. STENCIL FACE, RED LETTERS. AC ONLY.	120/277 V	LED	N/A	5 W	N/A	UNIVERSAL	N/A	N/A	SURE-LITES CX DUAL-LITE SE LITHONIA LE	X1
1L	LED EXIT LIGHT, MATTE BLACK DIE-CAST ALUMINUM HOUSING, BRUSHED ALUM. SINGLE FACE. STENCIL FACE, RED LETTERS. AC ONLY.	120/277 V	LED	N/A	5 W	N/A	UNIVERSAL	N/A	N/A	SURE-LITES CX DUAL-LITE SE LITHONIA LE	X1L
2	VANDAL PROOF LED EXIT LIGHT, DIE-CAST ALUMINUM HOUSING, BLACK FINISH, SINGLE FACE, STENCIL FACE, RED LETTERS, SELF-POWERED, NICKEL-CADMIUM BATTERY, SELF-DIAGNOSTICS/SELF-TESTING MODEULE.	120/277 V	LED	N/A	5 W	N/A	UNIVERSAL	VANDAL-RESISTANT PLYCARBONATE SHIELD WITH TAMPERPROOF SCREWS	N/A	SURE-LITES UX DUAL-LITE SEWL LITHONIA LV	X2

	262913.1 - LIGHTING CONTACTORS SCHEDULE												
	EQUIPMENT RATINGS						COIL CIRCUIT	_					
LABEL	VOLTAGE	AMPERAGE	POLES	NEMA ENCL	ACCESSORIES	VOLTAGE	PANEL CIRCUIT		CONTROL	CIRCUIT(S) CONTROLLED	REMARKS		
LC1	600 V	30 A	4	NEMA 1	H-O-A PILOT LIGHT	277 V 1HA1 1		PHOTOCELL LOCATED ON ROOF	1HA1-5				

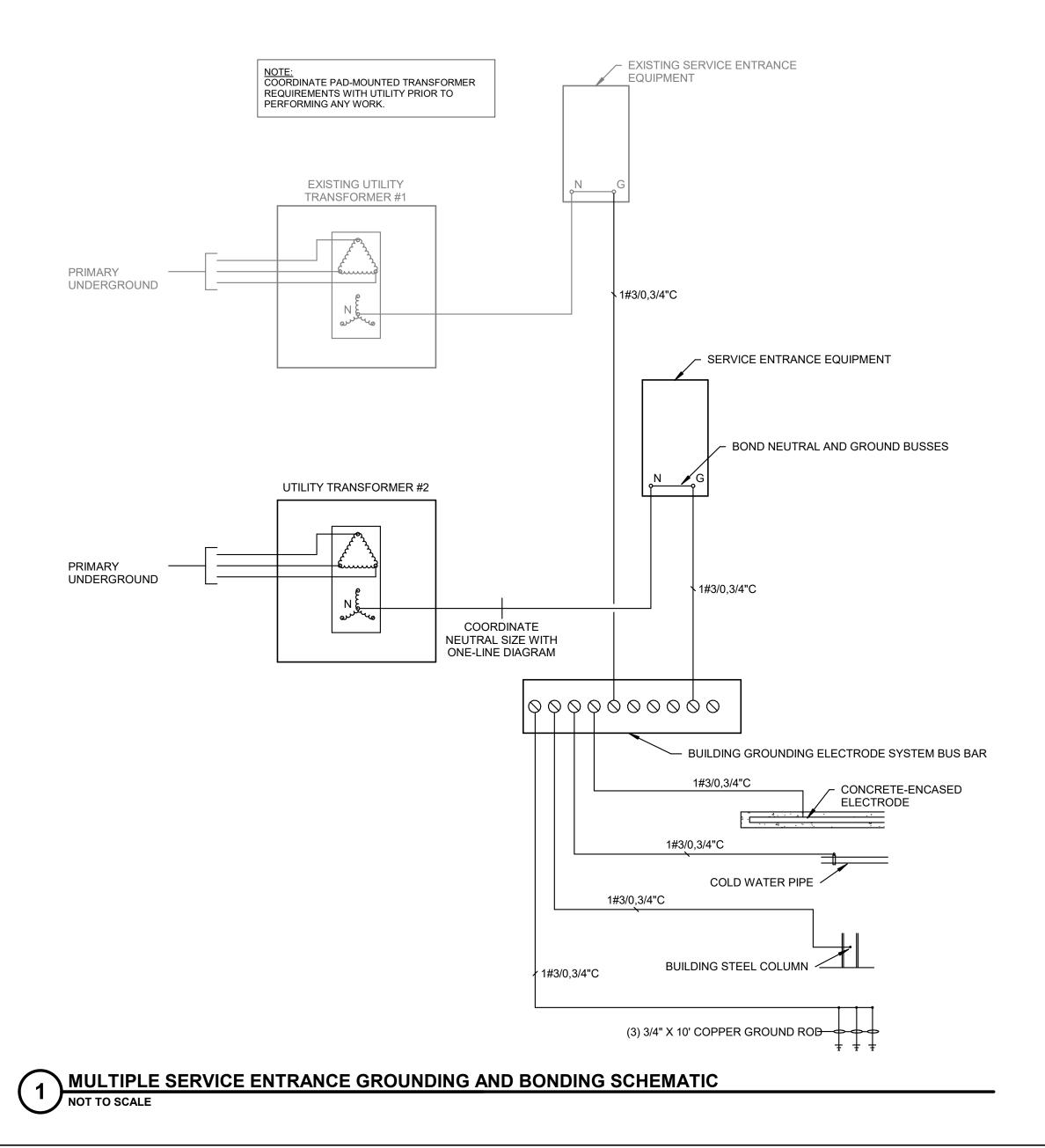
	262913/262923.1 - ENCLOSED & VARIABLE-FREQUENCY MOTOR CONTROLLERS SCHEDULE												
	EQUIPMENT		EQUIPMENT RATINGS					STARTER		DISCONNECT SWITCH			
LAB	EL SERVED	VOLTAGE	PHASE	HP	FLA	NEMA ENCL	TYPE	NEMA SIZE	TYPE	FUSE SIZE	CAPACITOR	REMARKS	
MS-	1 EF-1	120 V	1	1/6	4.4 A	-	-	-	-	-	-	HORSEPOWER RATED TOGGLE SWITCH WITH MOTOR OVERLOADS.	

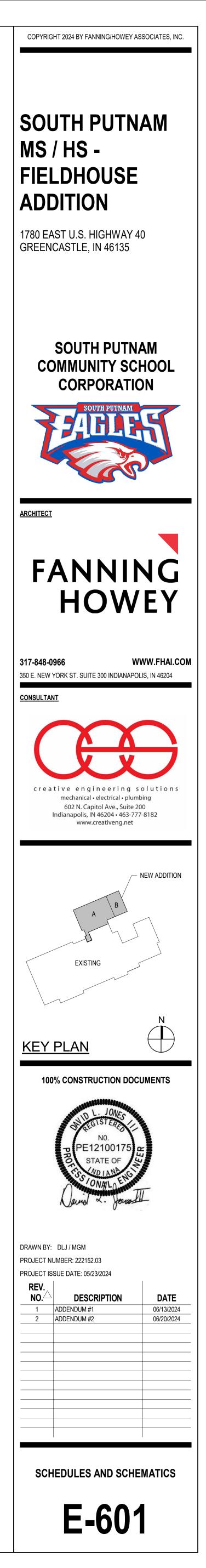
				EQUIPMEN	T RATINGS			ACCESS	SORIES	
	EQUIPMENT							AUX.	SOLID	
LABEL	SERVED	VOLTAGE	POLES	AMPERAGE	FUSED	FUSE SIZE	NEMA ENCL	CONTACTS	NEUTRAL	REMARKS
DS-1	FCU-1	240 V	2	30 A	Yes	30 A	1	(1) N.O. / N.C.	No	
DS-2	PUH-1	240 V	2	30 A	Yes	25 A	1	(1) N.O. / N.C.	No	
DS-3	FIRE PUMP	600 V	3	400 A	Yes	250	1	(1) N.O. / N.C.	No	SERVICE RATED
DS-4	COILING DOOR	240 V	2	30 A	No		1	(1) N.O. / N.C.	Yes	

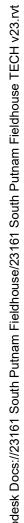


# 262913.1 - LIGHTING CONTACTORS SCHEDULE

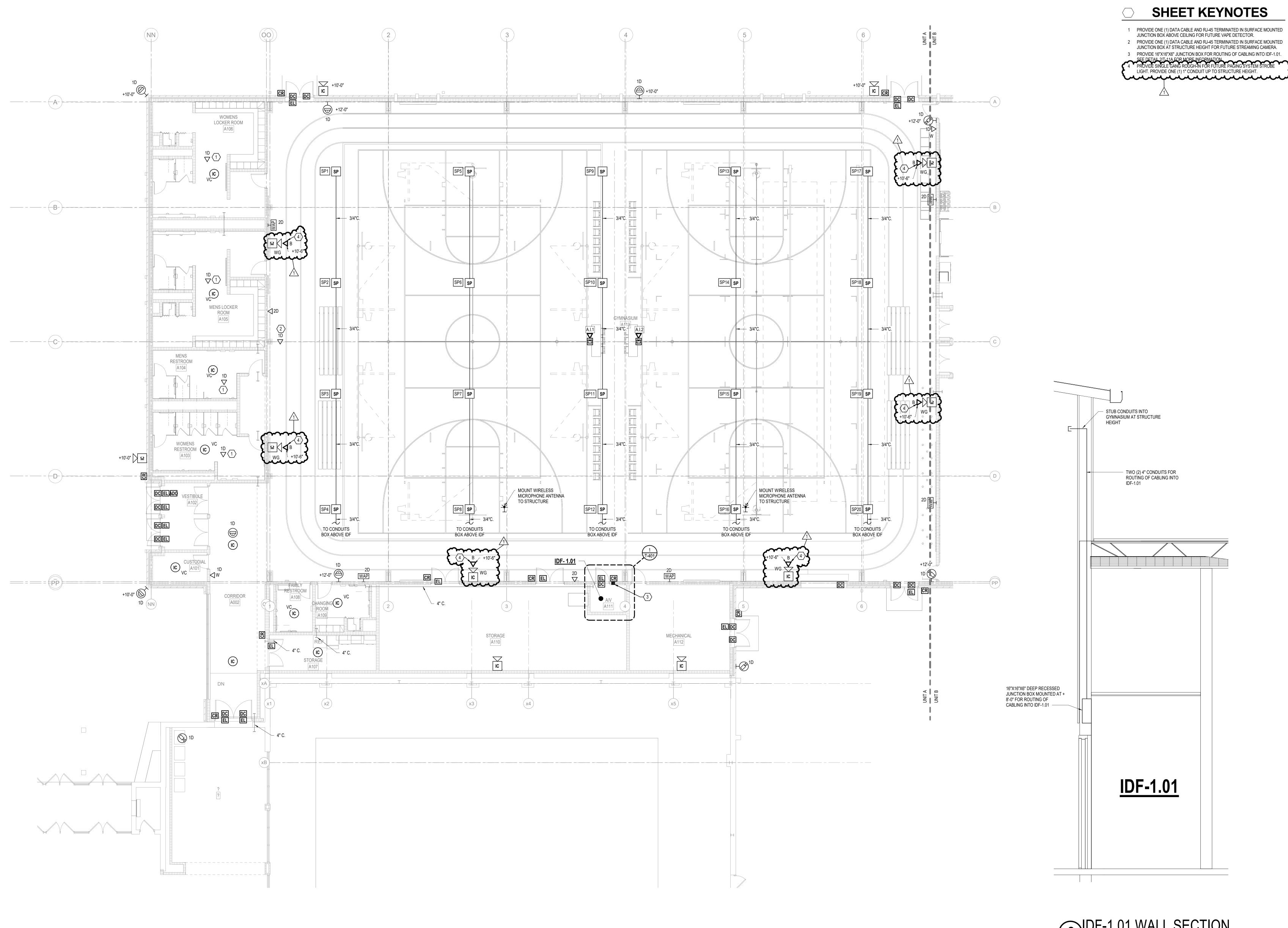
# 262816.1 - ENCLOSED SWITCHES & CIRCUIT BREAKERS SCHEDULE











# 1)FIRST FLOOR TECHNOLOGY PLAN - UNIT A

2 IDF-1.01 WALL SECTION



# 1 FIRST FLOOR TECHNOLOGY PLAN - UNIT B

