

CITY OF DUBLIN, FRANKLIN COUNTY, OHIO AMENDED FINAL DEVELOPMENT PLAN FOR DUBLIN SCIOTO HIGH SCHOOL EXPANSION 4000 HARD ROAD 2023



LOCATION MAP
Not to Scale

OWNER
Jeff Scott
Dublin City Schools
5725 Eastern Parkway
Dublin, OH 43017

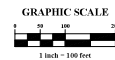
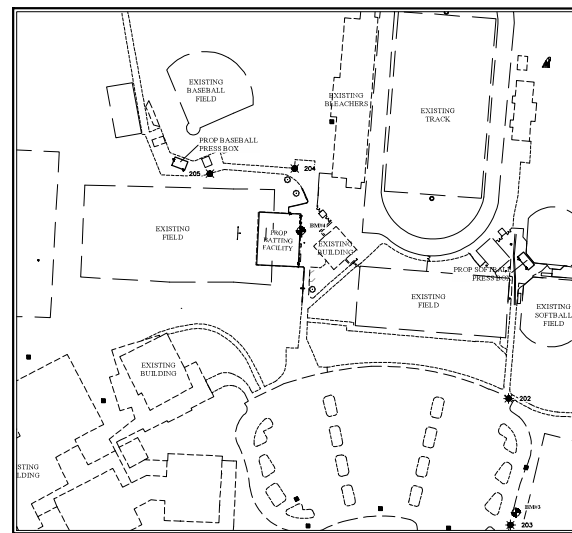
ENGINEER
Earl E. Moore
Earl E. Moore
8800 New Albany Road
Columbus, OH 43224
Tel: (614) 775-4300
lmoore@emh.com

SITE DATA

Zoning: PUD
Total Site Area: 465.25 Acres
P.U.D. : 273-009140
Disturbed Area = 0.84 Acres

SHEET INDEX

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INDEX MAP
Scale: 1" = 100'

BENCHMARKS

- BM#3** Chiseled 'X' on the southwest bolt of the fourth light pole north of the intersection of Hard Road and Claddagh Lane, being on the east side of the parking lot for Dublin Scioto High School.
Elev. = 900.18
- BM#4** Chiseled 'X' on the north rim of a sanitary manhole located 30 feet east of the Practice Football Field Scoreboard at Scioto High School (4000 Hard Road) on the west side of the drive going to the baseball field.
Elev. = 905.54

CONTROL POINTS (OHIO SOUTH ZONE)*				
POINT	DESC/REFLECT	NORTHING	EASTING	ELEVATION
#202	1165 #202 MAGS	773428.8490	1801548.8310	901.01
#203	1165 #203 MAGS	773176.4330	1801950.9950	899.35
#204	1165 #204 w/cap	773885.0880	1801121.6050	907.44
#205	1165 #205 MAGS	773874.7480	1800952.9260	912.29

* Horizontal Reference Datum = NAD 83 (NDRS 2007 Ad.)
(See Index Map for reference point locations)

PROJECT DESCRIPTION

Project includes proposed batting facility (8652 sf), proposed softball concessions and press box (538 sf) and proposed concessions and baseball press box (843 sf). Total disturbed area is 0.84 acres with an additional .27 Ac of impervious area added.

UTILITY NOTE

Water Service to the Batting facility is served by the existing 3" Water Service on the East side of the building. Sanitary service to the batting facility is served by an existing 6" Sanitary Service also on the east side of the building. A proposed 3/4" water service and a proposed 6" sanitary service are proposed to serve this building.
Water Service to the Baseball Press Box is served by the existing 3" Water Service on the East side of the building. Sanitary Service to the Baseball Press Box is served by an existing 6" Sanitary Service on the East side of the building. A proposed 3/4" water service and a proposed 6" sanitary service are proposed to serve this building.
Water Service to the Softball Press Box is served by an existing 3" Water Service on the east side of the existing football concession stand. Sanitary Service to the Softball Press Box is served by an existing 6" Service on the west side of the existing football concession stand. A proposed 3/4" water service and a proposed 6" sanitary service are proposed to serve this building.

STORMWATER NOTES

Stormwater quantity controls are provided by oversized pipe adjacent to the building. Water quality controls are provided by Storm Tech MC-3500 chambers with isolator row fabric.

SITE DATA

Site Information
Total Site Area: 465.25 acres
Disturbed Area: 0.84 acres
Ad. Coverage:
Pre Developed Impervious Area = 17.10 acres
Pre Developed (at County) = 26.25
Pre Developed (at City) = 17.07 acres
Post Developed Lot Coverage = 26.6%

#	DATE	CHANGE DESCRIPTION



303 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881



THE WRIGLEY BUILDING
410 NORTH MICHIGAN AVE. PHONE: (312) 755-0770
SUITE 1600 FAX: (312) 755-0775
CHICAGO, IL 60611

PROJECT TITLE
Title Sheet

January 12, 2023
DRAWN BY: JTW CHECKED BY: MBH
21845/02
1/9

GENERAL NOTES

- 1. City of Columbus and Ohio Department of Transportation Construction and Material Specifications, current editions, and any amendments hereafter referred to as Standard Specifications, shall govern all construction items unless otherwise noted.
2. The City Engineer will not be responsible for means, methods, procedures, techniques, or sequences of construction that are not specified herein.
3. The Developer or Contractor shall be responsible to obtain all necessary permits including but not limited to Ohio EPA Permits to Install (PTI) and Notice of Intent (NOI), Building Permits, etc.
4. The Contractor shall notify the City of Dublin Division of Engineering in writing at least 3 working days prior to beginning construction...
5. The Contractor shall be solely responsible for complying with all federal, state and local safety requirements including the Occupational Safety and Health Act of 1970.
6. Following completion of construction of the site improvements and before requesting occupancy, a proof survey shall be provided to the Division of Engineering that documents "as-built" elevations, dimensions, slopes and alignments of all elements of this project.
7. The Contractor shall restrict construction activity to public right-of-way and areas defined as permanent and/or temporary construction easements, unless otherwise authorized by the City Engineer.
8. The Contractor shall carefully preserve benchmarks, property corners, reference points, monuments and other survey monuments...
9. Non-rubber tired vehicles shall not be moved on or across public streets or highways without the written permission of the City Engineer.
10. The Contractor shall restore all disturbed areas to equal or better condition than existed before construction.
11. Tracking or soiling mud, dirt or debris upon streets, residential or commercial drives, sidewalks or bike paths is prohibited...
12. Disposal of excess excavation within Special Flood Hazard Areas (100-year floodplain) is not permitted.
13. All signs, landscaping, structures or other appurtenances within right-of-way disturbed or damaged during construction shall be replaced or repaired to the satisfaction of the City Engineer.
14. All field border or encountered during excavation shall be replaced or repaired and connected to the public storm sewer system as directed by the City Engineer.
15. All precast concrete products shall be inspected at the location of manufacture.
16. Backfill within a 1-1/2' influence line of existing structures (houses, garages, etc.) or public infrastructure (pavement, curbs, sidewalks, bike paths, etc.) shall be compacted granular backfill according to Item 613.
17. The Contractor shall submit a copy of the approved construction drawings and a list of proposed precast concrete products to the City of Columbus Construction Inspection Division before commencing construction.
18. All trees within public right-of-way shall be backfilled according to the approved construction drawings or securely protected during working hours.
19. All trees within the construction area not specifically designated for removal shall be preserved...
20. Conduit must be directionally bored across streets instead of open cut, unless specifically approved by the City Engineer.
21. The Contractor shall be responsible for the condition of trenches within the right-of-way and public easements for a period of one year from the final acceptance of the work.
22. Pavements shall be cut in neat, straight lines the full depth of the existing pavement, or as required by the City Engineer.
23. Tree trimming within the construction zone is to be completed by a certified Arborist.
24. Any modification to the work shown on drawings must have prior written approval by the City Engineer.
25. All lines shall be chamfered.
26. Park areas shall be fire, graded and seeded with the following mixture: Improved Kentucky Bluegrass: 40% of weight (2 varieties in equal parts)
27. Traffic control signs and regulatory signs shall be Type S with a square post anchor base installation and meet all requirements of ODOT TC-126S and applicable City of Dublin Specifications.
28. Street signs shall meet all City of Dublin specifications with lettering colored in white displayed over a brown background.
UTILITIES
1. The following utilities are known to be located within the limits of this project: (Insert Name of Utility)
2. The Contractor shall give notice of intent to construct to Ohio Utilities Protection Service (telephone number 800-362-2764).
3. Traffic control signs and regulatory signs shall be Type S with a square post anchor base installation and meet all requirements of ODOT TC-126S and applicable City of Dublin Specifications.
4. Location, support, protection and restoration of all existing utilities and appurtenances, whether shown or not shown on the approved construction drawings, shall be the responsibility of the Contractor.
5. When unknown or incorrectly located underground utilities are encountered during construction, the Contractor shall immediately notify the owner and the City Engineer.
6. Public street lighting may be in the vicinity of this project. Contact the City of Dublin, Division of Engineering at 410-4637, two days prior to beginning work.
TRAFFIC CONTROL

- 1. Traffic control shall be furnished, erected, maintained, and removed by the Contractor according to Ohio Manual of Uniform Traffic Control Devices (MUTCD), current edition.
2. All traffic lines of public roadways shall be fully open to traffic from 7:00 AM to 9:00 AM and from 4:00 PM to 6:00 PM unless authorized differently by the City Engineer.
3. The Contractor shall furnish and install uniform, off-duty police officers to be required as directed by the City Engineer.
4. If the City Engineer determines that the Contractor is not providing proper provisions for traffic control devices in an area, the City Engineer shall order uniform, off-duty police officers to be required as directed by the City Engineer.
5. Steady-burning, Type "C" lights shall be required on all barricades, drums, and similar traffic control devices in use at night.
6. Access from public roadways to all adjoining properties for existing residents or businesses shall be maintained throughout the duration of the project for full public water and sanitary sewer service, and emergency street access.
7. The Contractor shall submit a traffic control plan detailing the proposed maintenance of traffic procedures.
8. The Contractor shall provide adequate drainage of the work area at all times consistent with erosion control practices.
9. Disturbed areas that will remain unworked for 30 days or more shall be seeded or protected within seven calendar days of the disturbance.
10. The Contractor shall be responsible for the removal of all temporary sediment devices at the conclusion of construction but not before ground of permanent ground cover.
BLASTING (If Permitted)
1. The Contractor must obtain a blasting permit from Washington Township Fire Department prior to blasting for rock excavation.
2. Sanitary sewage collection systems shall be constructed in accordance with the rules, regulations, standards and specifications of the Ohio EPA, Ohio Department of Health and the current edition of the Great Lakes-Lower Mississippi River Board (Ten States) Rules.
3. The minimum requirements for sanitary sewer pipe with diameters 8 inches to 10 inches shall be PVC sewer pipe, ASTM D3034, SDR 35.
4. The minimum requirements for sanitary sewer pipe with diameters 12 inches to 30 inches shall be PVC sewer pipe, ASTM D3034, SDR 35 or Sanifite HP pipe, ASTM F2746.
5. All in-line eye and tee connections in concrete sewers, 18-inch diameter and larger, shall be either Kar_Nu_Tee or Kar_Nu_Seal connections conforming to the manufacturer's recommendations.
6. Granular backfill shall be compacted granular material according to Item 613, Type II of the Standard Specifications as directed by the City Engineer.
7. All manhole lids shall be provided with continuous self-sealing gaskets.
8. All PVC sewer pipe shall be deflection tested no less than 60 days after completion of backfilling operations.
9. Temporary bulkheads shall be placed in pipes at locations shown on the approved construction drawings and shall remain in place until the permit to install (PTI) has been issued by the DEPR and the sewers have been tested for use by the City Engineer.
10. All sanitary sewer lines shall be deflection tested no less than 60 days after completion of backfilling operations.
11. For sanitary sewer infiltration, leakage through joints shall not exceed 100 gallons per inch of tributary sewer diameter per 24 hours per mile of length or the computed equivalent.
12. At the determination of the City Engineer, the Contractor may be required to perform a TV inspection of the sanitary sewer system.
13. Visible leaks or other defects observed or discovered during TV inspection shall be repaired to the satisfaction of the City Engineer.
14. Roof drains, foundation drains, field tile or other clean water connections to the sanitary sewer system are strictly prohibited according to Section 512.3 of the Dublin Code of Ordinances.
15. All water lines shall be located at least 10 feet horizontally and 18 inches vertically from sanitary sewers and storm sewers, to the greatest extent practicable.
16. The Contractor shall furnish and place, as directed, approved eye poles made of 2 inch diameter, untreated wood at 20 foot intervals along the length of the trench.
17. Where service risers are not installed, a minimum 5-foot length of sanitary sewer service pipe of the same size as the eye opening shall be installed.
18. Existing sanitary sewer flows shall be maintained at all times.
19. Existing sanitary sewer flows shall be maintained at all times.
20. The Contractor shall furnish all material, equipment, labor to make connections to existing manholes.
21. Ruber seep connection.
22. Dura Seal as manufactured by National Pollution Control Systems, Inc.
23. Lock Joint Flexible Manhole Sleeve as manufactured by Interpace Corporation.
24. Or equal as approved by the City Engineer.
25. Ruber gasket compression.
26. Press Wedge II as manufactured by Press-Seal Gasket Corporation.
27. Dura Seal II as manufactured by Dura Tech, Inc.
28. Link_Seal as manufactured by Thunderfire Corporation.
29. Or equal as approved by the City Engineer.
WATER LINE
1. All water line materials shall be provided and installed according to current specifications of the City of Columbus Division of Water.
2. All public water pipe with a diameter 3 inches to 8 inches shall be Ductile Iron, Class 53.
3. All public water pipe 12 inches in diameter or larger shall be Ductile Iron, Class 54.
4. All water main stationing shall be based on street centerline stationing.
5. All bends, joint deflections and fittings shall be backed with concrete per City of Columbus standards.
6. The Contractor shall give written notice to all affected property owners at least 1 working day but not more than 3 working days prior to any temporary interruption of water service.
7. Water meters shall be installed inside proposed structures unless a meter pit installation is approved by the City of Columbus Division of Water.
8. Water lines to be installed in finished grade shall be placed after the embankment has been seeded and compacted according to the Standard Specifications.
9. All storm sewers shall be Reinforced Concrete Pipe conforming to ASTM designation C76, Wall B, Class IV for pipe diameters 12 inches to 15 inches, Class III for 18 inches to 24 inches, and Class II for 24 inches and larger pipe shall be Class II, unless otherwise shown on the approved construction drawings.
10. All storm sewers shall be reinforced concrete pipe conforming to ASTM designation C76, Wall B, Class IV for pipe diameters 12 inches to 15 inches, Class III for 18 inches to 24 inches, and Class II for 24 inches and larger pipe shall be Class II, unless otherwise shown on the approved construction drawings.
11. Headwalls shall be required at all storm sewer inlets or outlets to and from stormwater management facilities.
12. Storm sewer inlets or catch basins shall be chamfered and have bicycle safe grates.
13. All bedding material shall be in accordance with City of Columbus standard construction drawing AA-5149.
14. Backfill material shall be placed in accordance with Item 911 or Item 912 of the City of Columbus Construction Material Specifications (CMS).
15. Backfill material in areas located outside the public right-of-way shall be placed in accordance with Item 901 of the City of Columbus (CMS).
16. All HP Storm and HP Sanifite pipe (for storm sewer) shall be mandrel tested in accordance with City of Columbus Item 901.21, with the exception that the waiting period prior to testing shall be 30 days.
MAL DELIVERY
1. The Contractor shall be responsible to ensure that US Mail delivery within the project limits is not disrupted by construction operations.
2. Before relocating any mailboxes, the Contractor shall contact the U.S. Postal Service and relocate mailboxes according to the requirements of the Postal Service.
USE OF FIRE HYDRANTS
1. The Contractor shall make proper arrangements with the Dublin Fire Department and the City of Columbus Division of Water to use fire hydrants.
2. Before the final estimate is paid, the Contractor shall submit a letter from the City of Columbus Division of Water to the City Engineer stating that the Contractor has returned the Slimese Valve to the City of Columbus and has paid all costs arising from the use of the fire hydrants.
MATERIAL DELIVERY
1. The Contractor shall be responsible to ensure that US Mail delivery within the project limits is not disrupted by construction operations.
2. Before relocating any mailboxes, the Contractor shall contact the U.S. Postal Service and relocate mailboxes according to the requirements of the Postal Service.
USE OF FIRE HYDRANTS
1. The Contractor shall make proper arrangements with the Dublin Fire Department and the City of Columbus Division of Water to use fire hydrants.
2. Before the final estimate is paid, the Contractor shall submit a letter from the City of Columbus Division of Water to the City Engineer stating that the Contractor has returned the Slimese Valve to the City of Columbus and has paid all costs arising from the use of the fire hydrants.

- pipe shall meet the approval of the City of Columbus Division of Water prior to approval of construction drawings.
3. Only fire hydrants conforming to City of Columbus standards will be approved for use.
4. Public water lines shall be disinfected by the City of Columbus Division of Water.
5. All water lines shall be disinfected according to Item 801.13 of the Standard Specifications.
6. No water taps or service connections (e.g., to curb stops or meter pits) may be issued until the City of Columbus Division of Water has been notified.
7. The Contractor shall notify the City of Columbus Division of Water before making any taps into public water lines.
8. All water main stationing shall be based on street centerline stationing.
9. All bends, joint deflections and fittings shall be backed with concrete per City of Columbus standards.
10. The Contractor shall give written notice to all affected property owners at least 1 working day but not more than 3 working days prior to any temporary interruption of water service.
11. Water meters shall be installed inside proposed structures unless a meter pit installation is approved by the City of Columbus Division of Water.
12. Water lines to be installed in finished grade shall be placed after the embankment has been seeded and compacted according to the Standard Specifications.
13. All storm sewers shall be Reinforced Concrete Pipe conforming to ASTM designation C76, Wall B, Class IV for pipe diameters 12 inches to 15 inches, Class III for 18 inches to 24 inches, and Class II for 24 inches and larger pipe shall be Class II, unless otherwise shown on the approved construction drawings.
14. All storm sewers shall be reinforced concrete pipe conforming to ASTM designation C76, Wall B, Class IV for pipe diameters 12 inches to 15 inches, Class III for 18 inches to 24 inches, and Class II for 24 inches and larger pipe shall be Class II, unless otherwise shown on the approved construction drawings.
15. Headwalls shall be required at all storm sewer inlets or outlets to and from stormwater management facilities.
16. Storm sewer inlets or catch basins shall be chamfered and have bicycle safe grates.
17. All bedding material shall be in accordance with City of Columbus standard construction drawing AA-5149.
18. Backfill material shall be placed in accordance with Item 911 or Item 912 of the City of Columbus Construction Material Specifications (CMS).
19. Backfill material in areas located outside the public right-of-way shall be placed in accordance with Item 901 of the City of Columbus (CMS).
20. All HP Storm and HP Sanifite pipe (for storm sewer) shall be mandrel tested in accordance with City of Columbus Item 901.21, with the exception that the waiting period prior to testing shall be 30 days.
MAL DELIVERY
1. The Contractor shall be responsible to ensure that US Mail delivery within the project limits is not disrupted by construction operations.
2. Before relocating any mailboxes, the Contractor shall contact the U.S. Postal Service and relocate mailboxes according to the requirements of the Postal Service.
USE OF FIRE HYDRANTS
1. The Contractor shall make proper arrangements with the Dublin Fire Department and the City of Columbus Division of Water to use fire hydrants.
2. Before the final estimate is paid, the Contractor shall submit a letter from the City of Columbus Division of Water to the City Engineer stating that the Contractor has returned the Slimese Valve to the City of Columbus and has paid all costs arising from the use of the fire hydrants.

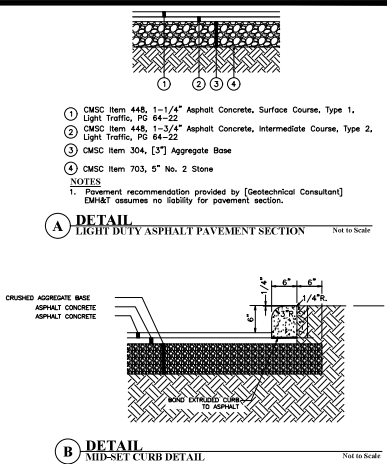
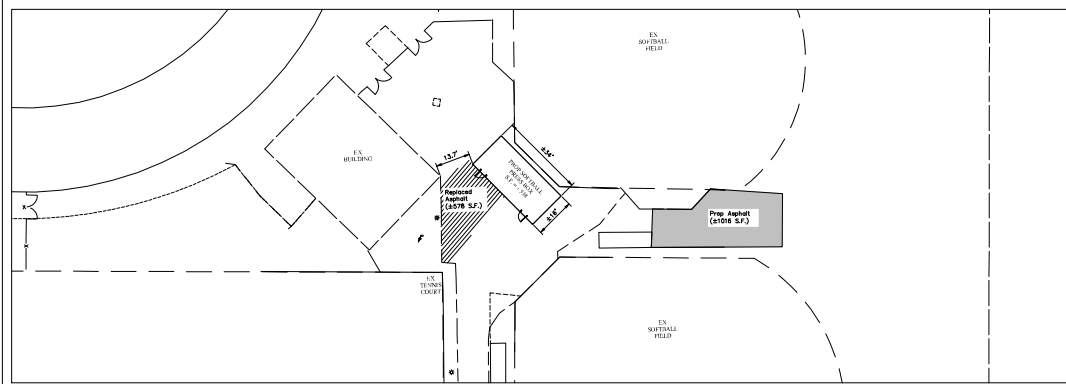
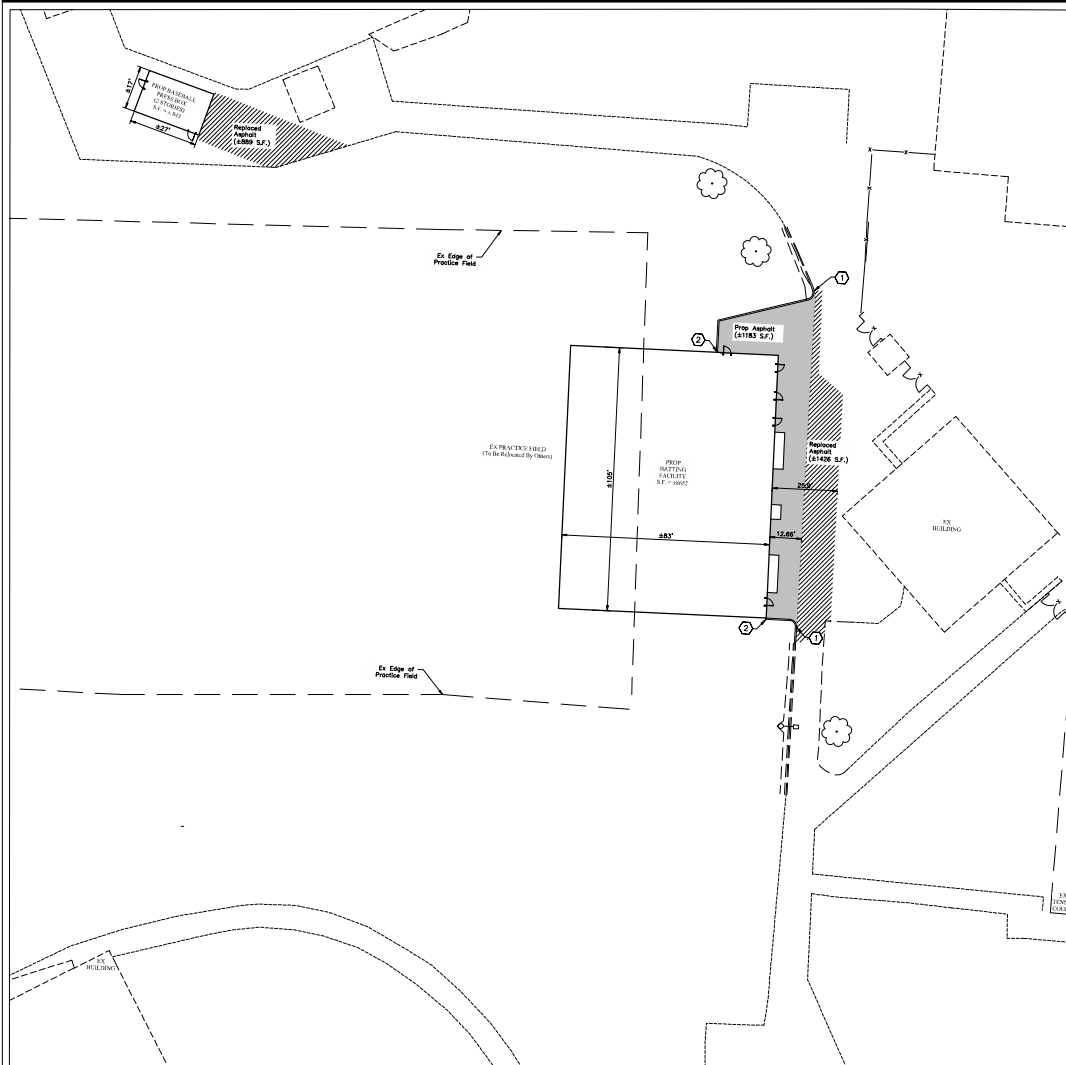


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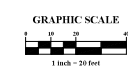
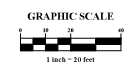
Perkins & Will logo and contact information: 303 SPRUCE STREET, SUITE 300, COLUMBUS, OHIO 43215. Phone: (614) 461-4684, Fax: (614) 260-8681. THE WRIGLEY BUILDING, 410 NORTH MICHIGAN AVE., SUITE 1600, CHICAGO, IL 60611. Phone: (312) 755-0770, Fax: (312) 755-0775.



- LEGEND**
- Standard Duty Asphalt Pavement
 - Replacement Asphalt (Pavement Section Shall Match Existing)
 - Proposed 18" Curb
 - Parking Count
 - Light Pole
 - Do Not Disturb
 - DND

- NOTES:**
- All Curb 18" Unless Otherwise Noted
 - All Radius Are 5.5' Unless Otherwise Noted
 - All Dimensions Are To Face Of Curb Or Edge Of Pavement Unless Otherwise Noted.
 - See Landscape Plan for tree replacement locations

- CODED NOTES:**
- ① Begin Proposed Curb
 - ② End Proposed Curb



#	DATE	CHANGE DESCRIPTION

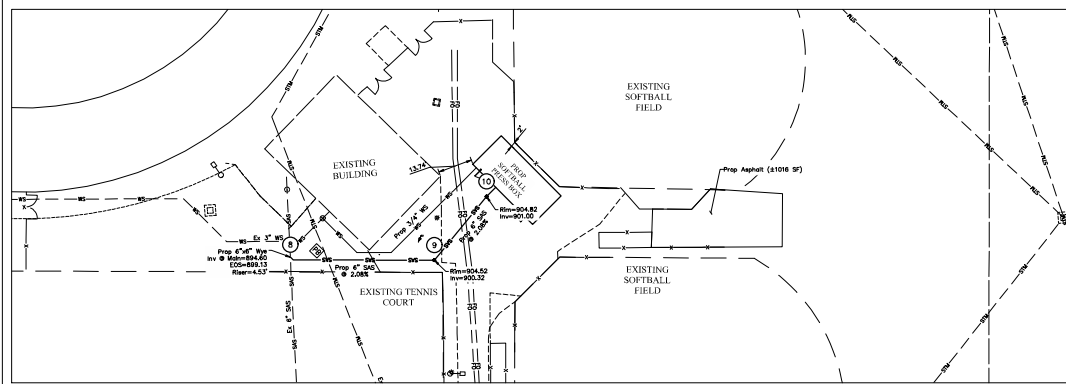
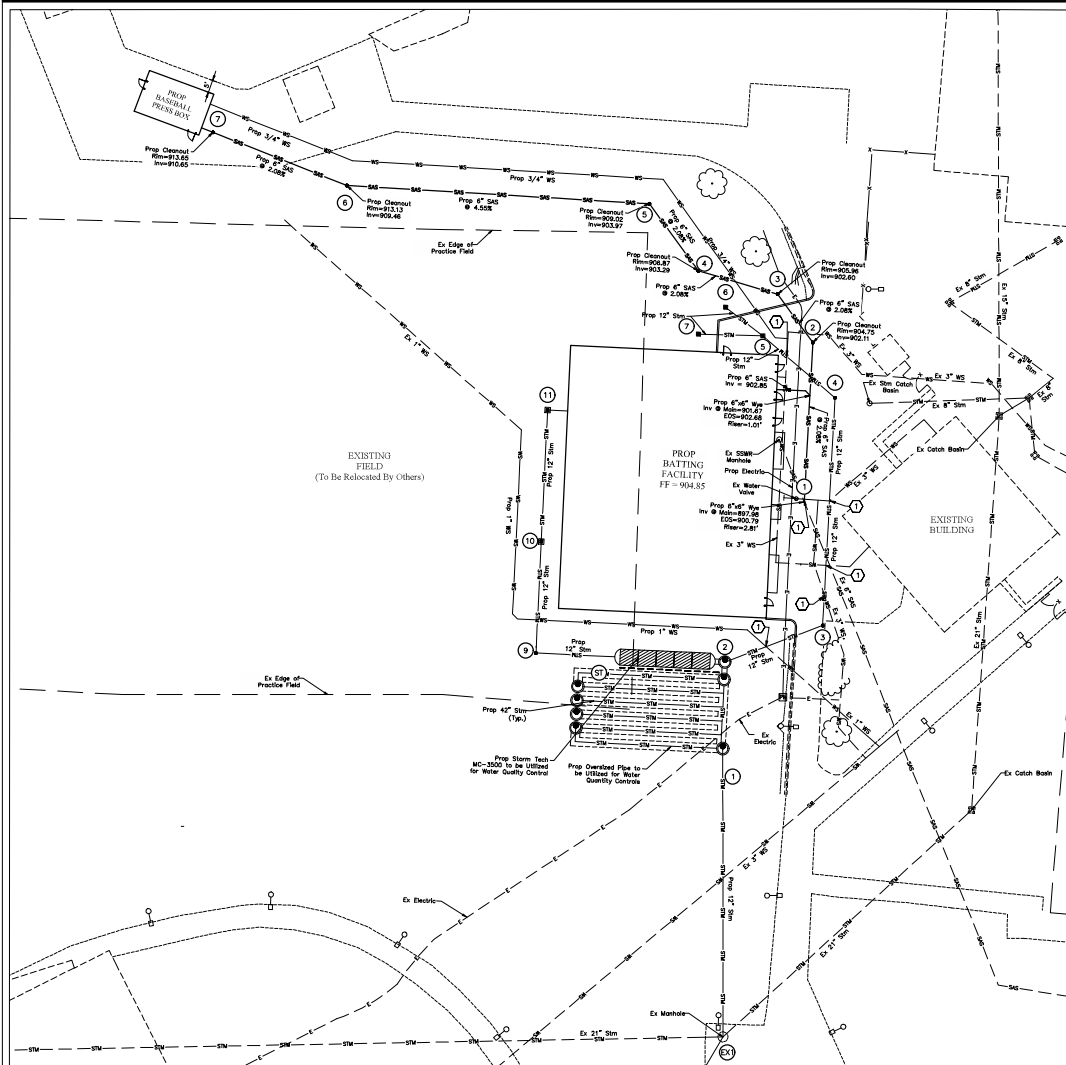


Perkins&Will
 THE WRIGLEY BUILDING
 410 NORTH MICHIGAN AVE. SUITE 1600
 CHICAGO, IL 60611

PHONE: (312) 755-0770
 FAX: (312) 755-0775

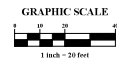
PROJECT TITLE: **Pavement Plan**

DATE	January 12, 2023
DRAWN BY	JTW
CHECKED BY	MSB
PROJECT NO.	21845_02
REVISION	5/9



EXISTING	
.....	Contours
-----	Edge Of Pavement
-----	Curb
-----	Sidewalk
-----	Storm Sewer
-----	Roof Drain
-----	Sanitary Sewer
-----	Water Main
-----	Fire Hydrant Lead
-----	Gas Main
-----	Overhead Electric Line
-----	Underground Electric Line
-----	Utility Duct Bank
-----	Fiber Duct Bank
-----	Underground Lighting Conduit
○	Fire Hydrant
○	Water Valve
○	Manhole
○	Catch Basin
○	Light Pole
○	Curb Inlet
○	Signal Pole
○	Utility Poles
PROPOSED	
-----	Storm Sewer
-----	Roof Drain
-----	Under Drain
-----	Sanitary Service
-----	Fire Water Service
-----	Domestic Water Service
-----	Underground Electric Line
-----	Telecomm Duct Bank
-----	Gas Service
-----	Contours
○	Fire Hydrant
○	Water Valve
○	Manhole
○	Catch Basin
○	Light Pole
○	Curb & Gutter Inlet
○	23.80 Spot Elevation

CODED NOTES:
 ① Lower Existing Water per OOC Standard Drawing L-7401



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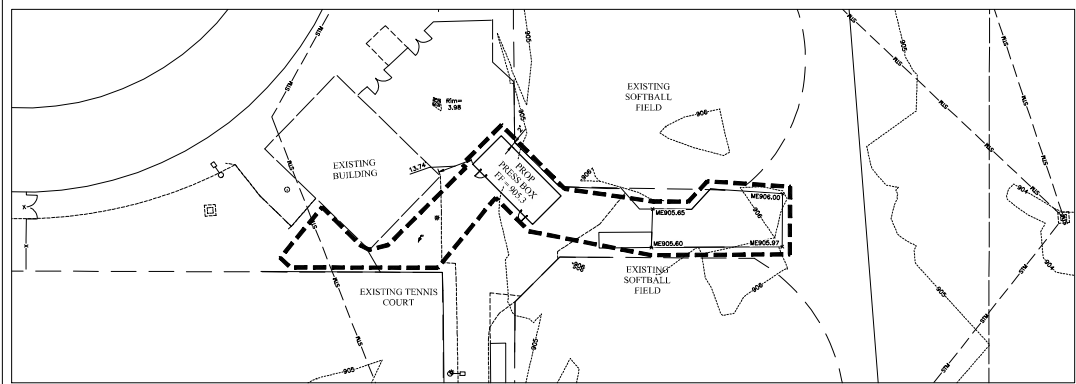
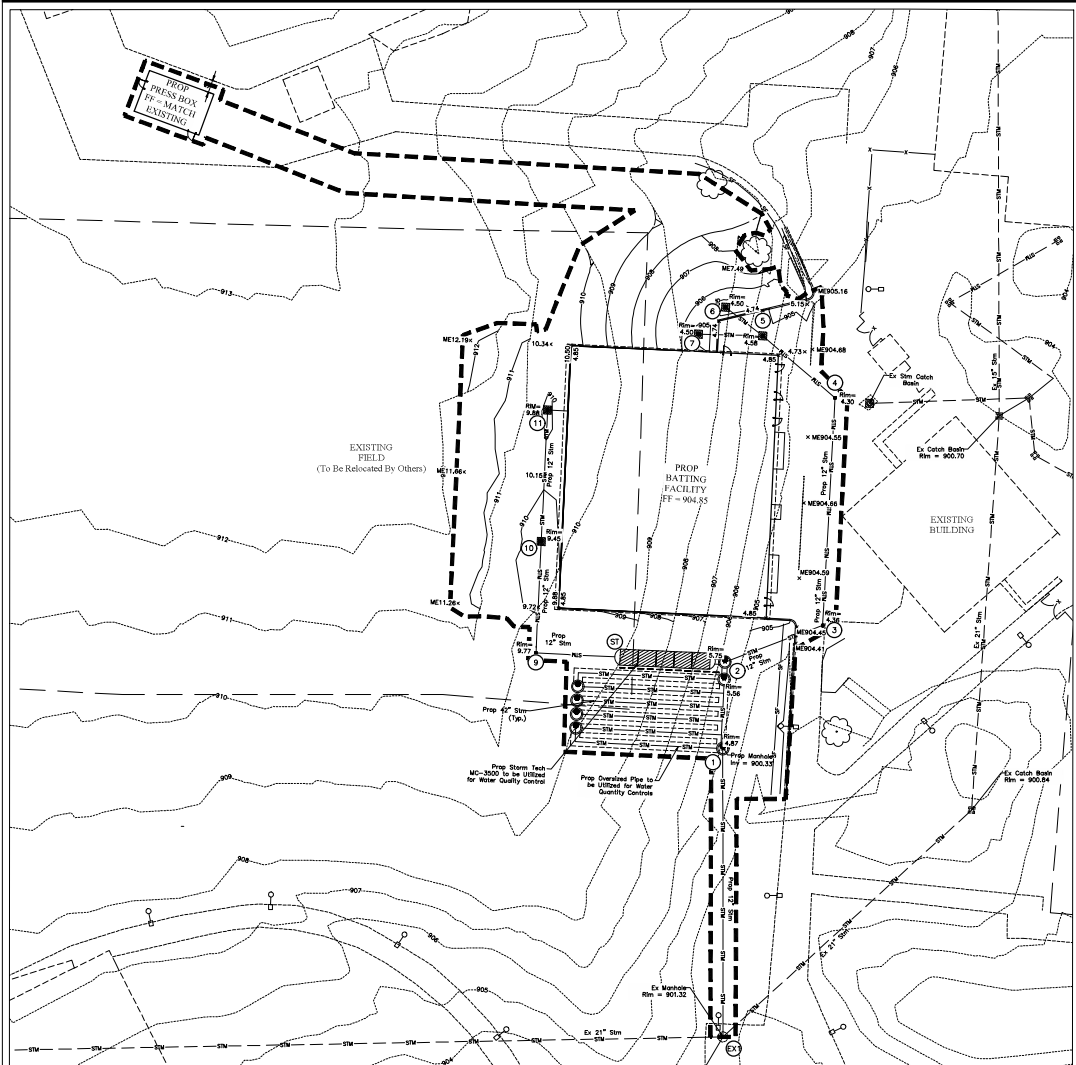
DUBLIN HS ADDITIONS & RENOVATIONS
 Enter address here
DUBLIN CITY SCHOOLS

MOODY-NOLAN
 303 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4654
 FAX: (614) 280-8881

Perkins&Will
 THE WRIGLEY BUILDING
 410 NORTH MICHIGAN AVE.
 SUITE 1600
 CHICAGO, IL 60611
 PHONE: (312) 755-0770
 FAX: (312) 755-0775

UTILITY PLAN

DRAWN BY: JTW CHECKED BY: MSB 2/18/24 02	JANUARY 12, 2023 6/9
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- EXISTING**
- Contours
 - - - - - Edge Of Pavement
 - ===== Curb
 - Sidewalk
 - Storm Sewer
 - Roof Drain
 - Fire Hydrant
 - Manhole
 - ⊕ Water Valve
 - ⊠ Catch Basin
 - ⊞ Light Pole
 - ⊞ Curb Inlet
 - ⊞ Utility Poles
 - ⊞ Signal Pole
- PROPOSED**
- Contours
 - Storm Sewer
 - Roof Drain
 - Limits Of Disturbance
 - Sediment Fence
 - 23.80 Spot Elevation
 - Inlet Protection
 - Manhole (M#)
 - Cleanout



#	DATE	CHANGE DESCRIPTION

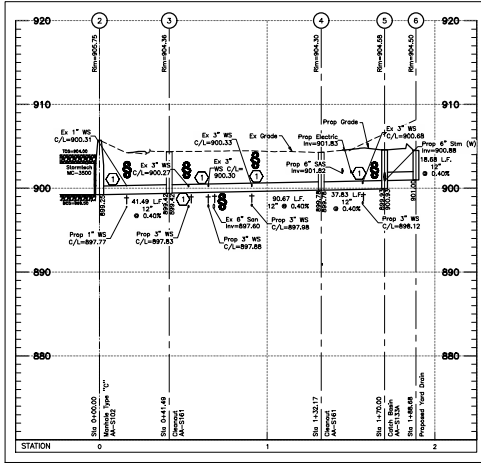
DUBLIN HS ADDITIONS & RENOVATIONS
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DUBLIN CITY SCHOOLS

303 SPRUCE STREET
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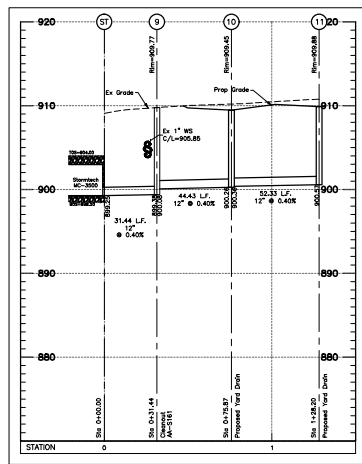
Perkins&Will
 THE WRIGLEY BUILDING
 410 NORTH MICHIGAN AVE. SUITE 1600
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DRWING TITLE
Grading Plan

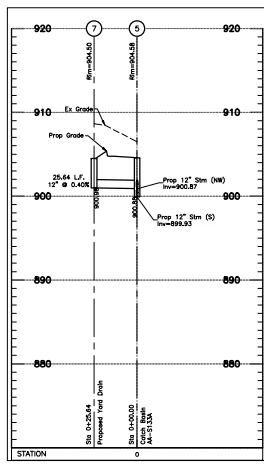
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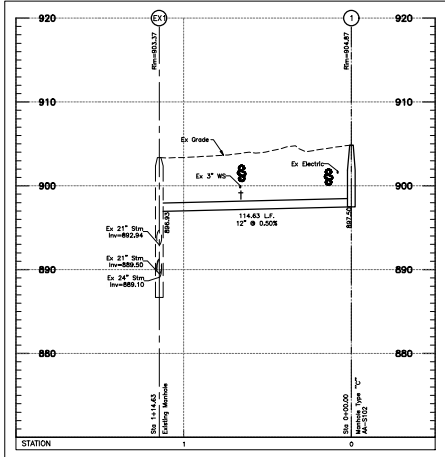
STORM PROFILE



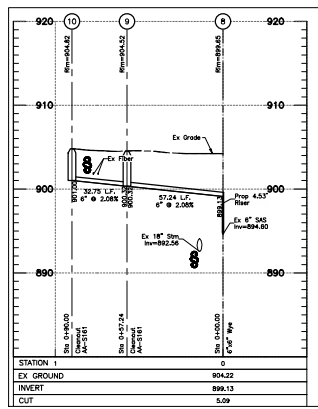
STORM PROFILE



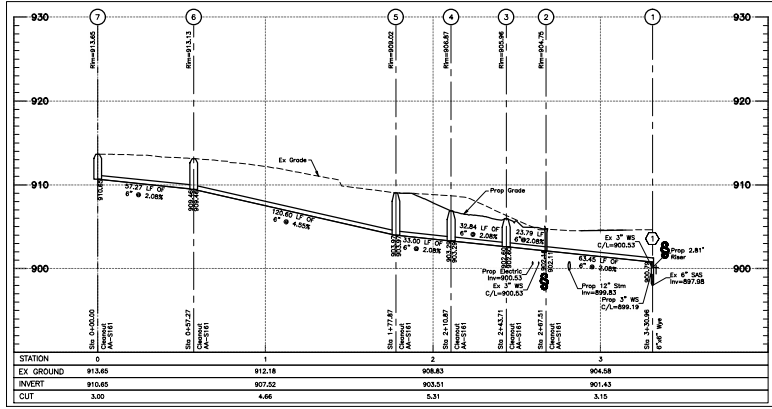
STORM PROFILE



SANITARY PROFILE



SANITARY PROFILE



SANITARY PROFILE

STATION	0	1	2	3	4
EX GROUND	913.65	912.18	908.83	904.58	
INVERT	910.65	907.52	903.51	901.43	
CUT	3.00	4.66	5.31	3.15	



NOTES:

All elevations on this plan are based on NAVD 1988 datum, unless otherwise noted.

All street crossings shown in profiles are private streets.

All backfill shall be compacted to the density of the existing ground unless otherwise noted:

- * Compacted Backfill, Per Item 911
- ** Compacted Granular Backfill, Per Item 912
- *** Backfill shall be compacted in horizontal lifts, with loose thicknesses not exceeding 8 inches. Each lift shall be compacted to at least 95% of the maximum dry density as determined by the "Standard" compaction test (ASTM D-698).

All fills are to be placed a minimum of 2.5' above the proposed storm sewer prior to the start of sewer construction per Item 203 of CMSC.

Denoted thus:

(+) Pipe runs (denoted with "+") are to be sanitary grade/sewer(s) and have weirs/joints per City of Columbus Construction and Material Specification 901.15, and Trench Boxes per City of Columbus Construction and Material Specification 901.11. This applies to full pipe length, from structure to structure.

† Contractor shall maintain a 1.5' minimum clearance from outside of pipe to outside of pipe for all utility crossings unless otherwise noted.

⊗ Contractor to verify invert and location of existing utility before construction.

Manholes shall have castings per City of Columbus Std. Dwg. AA-S112.

Catch basins placed in pavement shall have heavy duty grates per City of Columbus Std. Dwg. AA-S141.

CODED NOTES:

① Lower Existing Water per CDC Standard Drawing L-7401

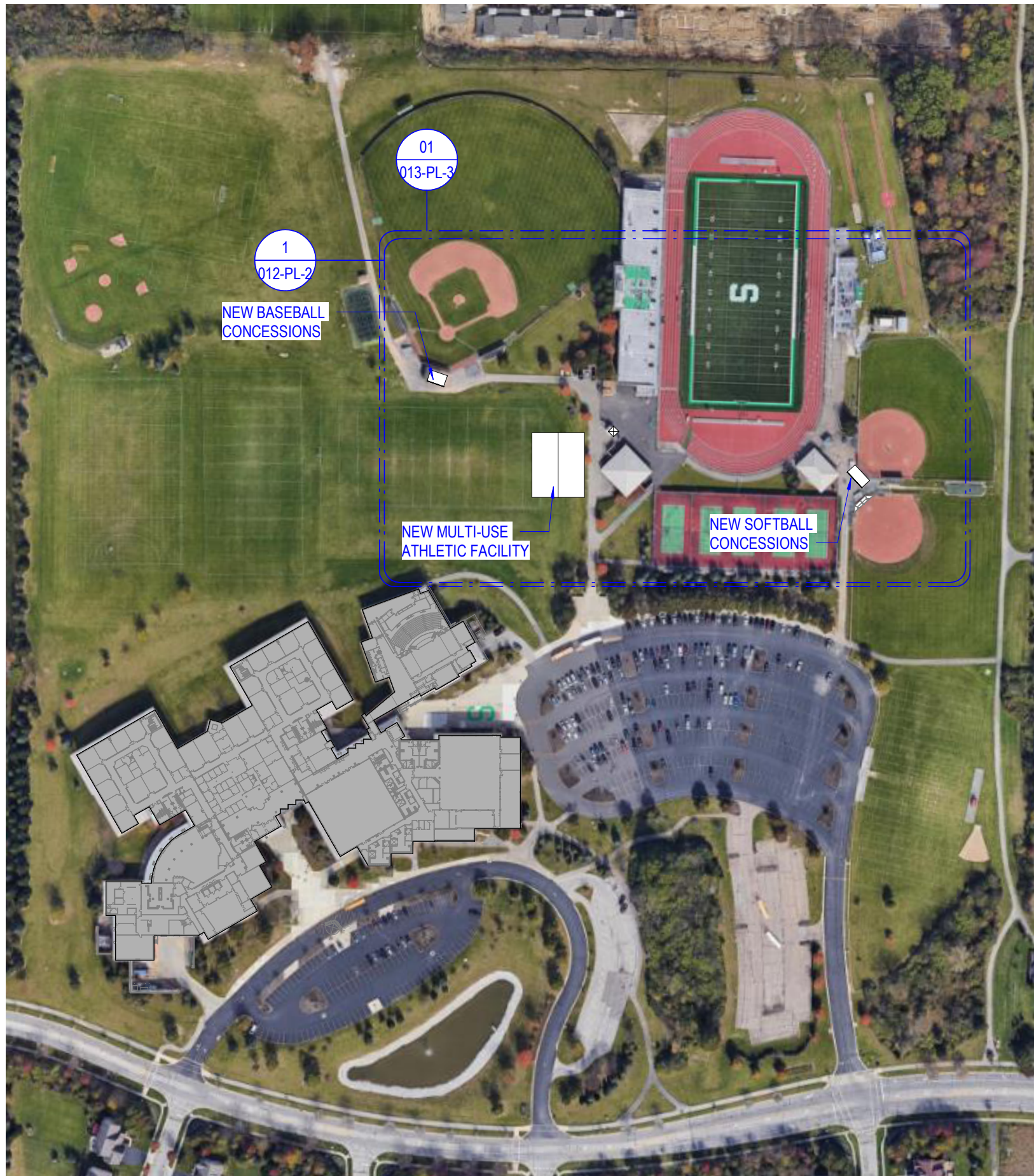
#	DATE	CHANGE DESCRIPTION

DUBLIN HS ADDITIONS & RENOVATIONS
 Enter address here
 FOR DUBLIN CITY SCHOOLS

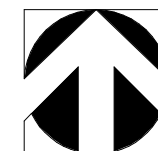
WOODY/NOLAN
 303 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4654
 FAX: (614) 280-8881

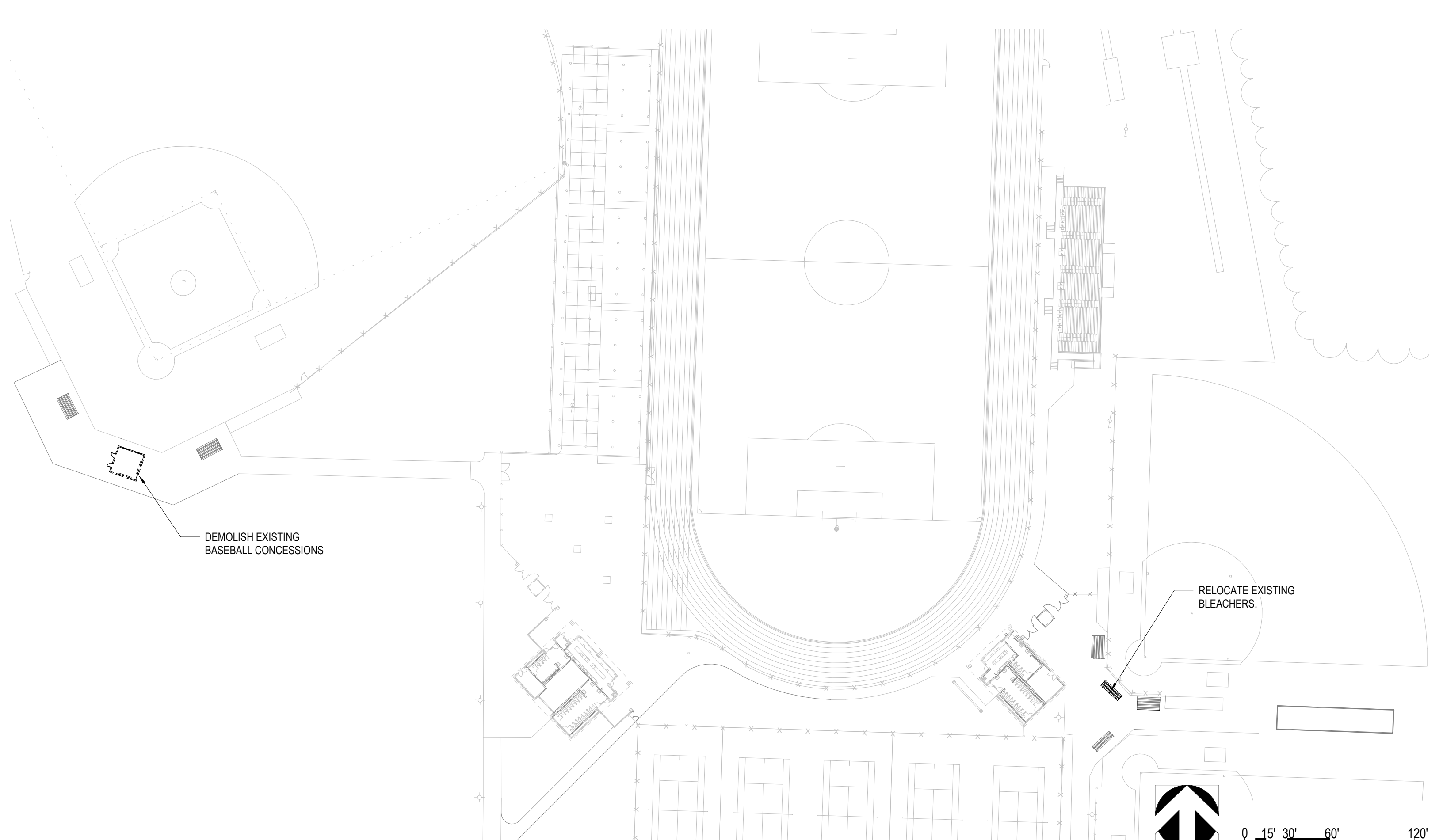
Perkins&Will
 THE WRIGLEY BUILDING
 410 NORTH MICHIGAN AVE. PHONE: (312) 755-0770
 SUITE 1600 CHICAGO, IL 60611 FAX: (312) 755-0775

DATE: 12/12/2023
 DRAWN BY: JTW
 CHECKED BY: MBG
 21845.02
9/9



CAMPUS PLAN





DEMOLISH EXISTING
BASEBALL CONCESSIONS

RELOCATE EXISTING
BLEACHERS.

0 15' 30' 60' 120'



HIGH SCHOOL RENOVATIONS AND ATHLETIC OUTBUILDINGS

DUBLIN CITY SCHOOLS

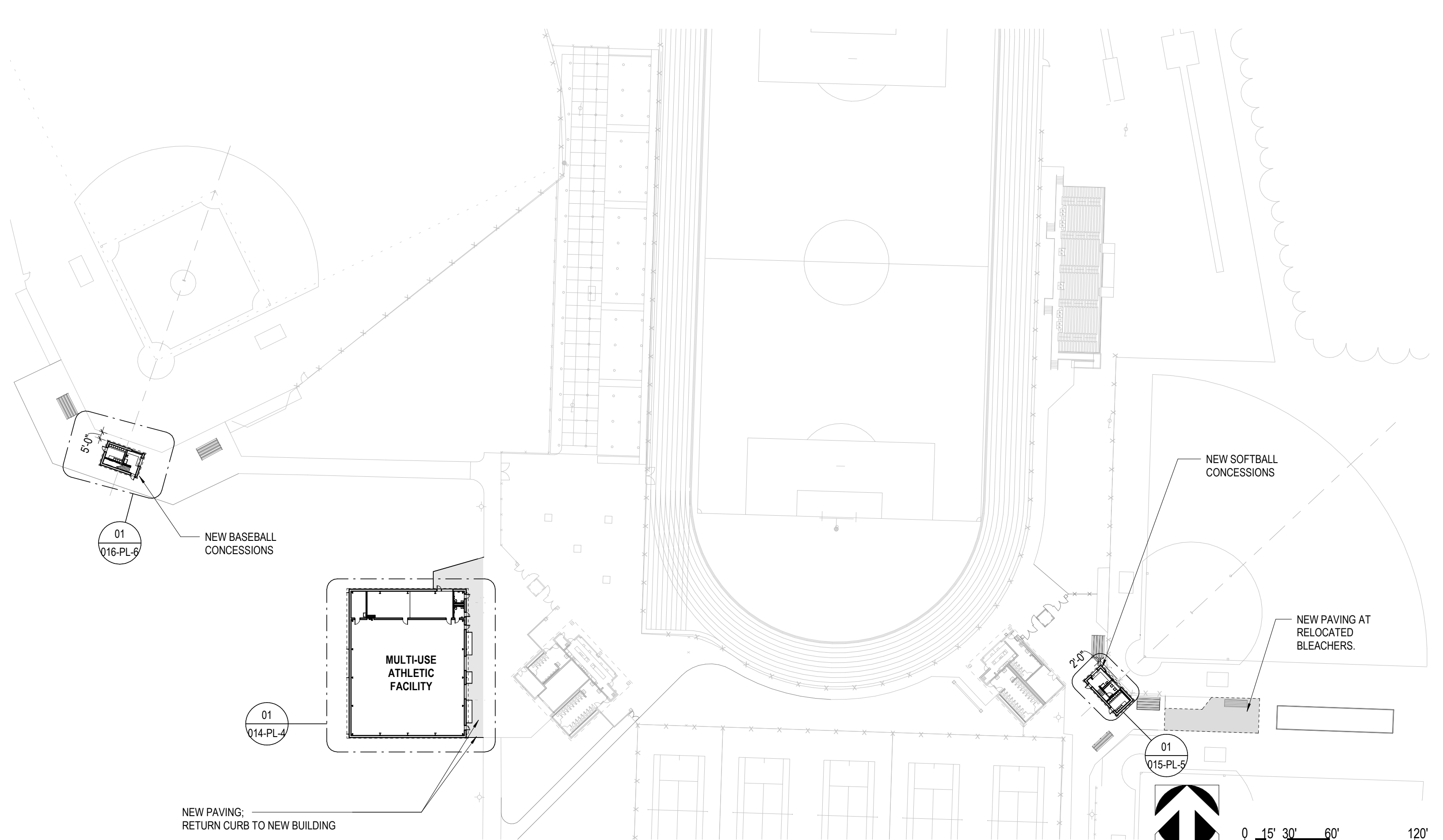
01/03/2023

ATHLETIC SITE PLAN - DEMOLITION

012-PL-2

PLANS





HIGH SCHOOL RENOVATIONS AND ATHLETIC OUTBUILDINGS

DUBLIN CITY SCHOOLS

01/03/2023

ATHLETIC SITE PLAN - PROPOSED

013-PL-3

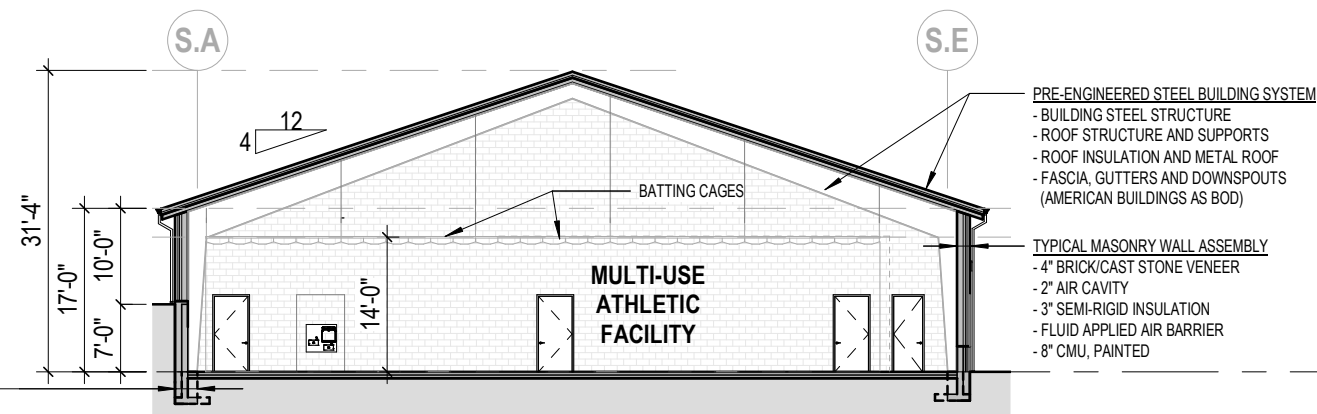
PLANS

Perkins&Will

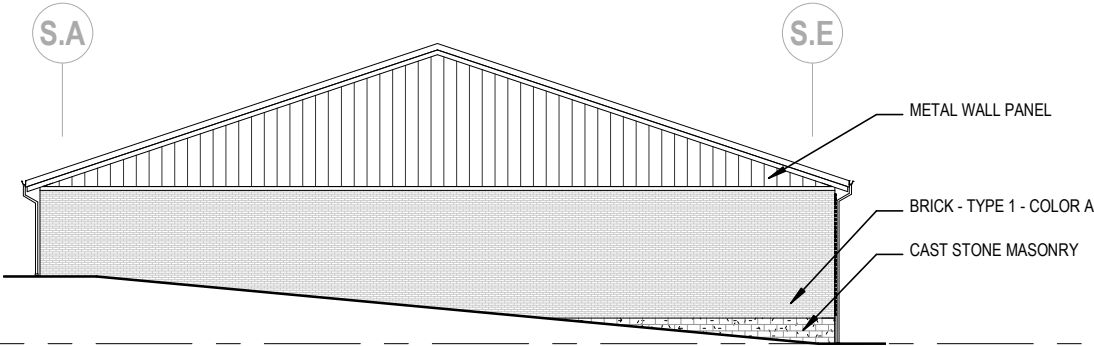


MOODY-NOLAN

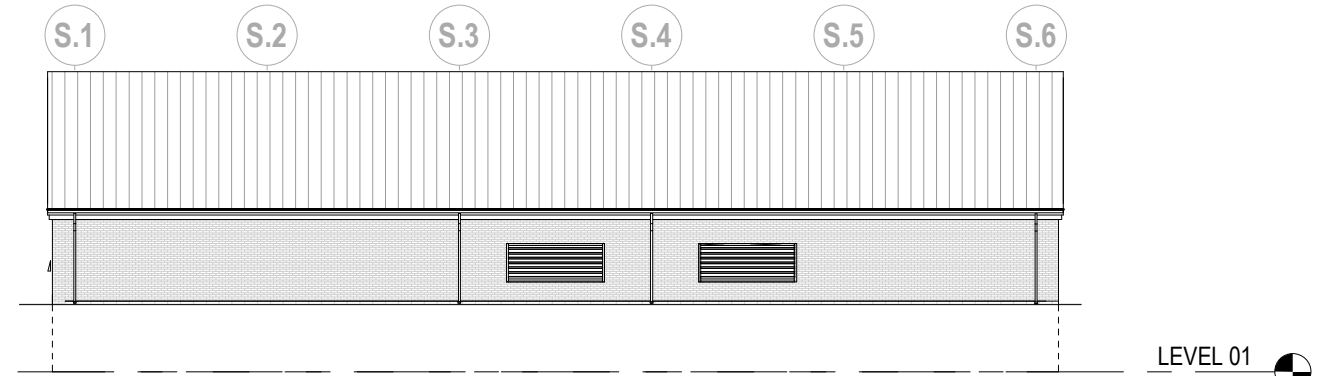
FOUNDATIONS AND
RETAINING WALLS:
BY CONTRACTOR AS
ENGINEERED BY
STRUCTURAL ENGINEER
OF RECORD.



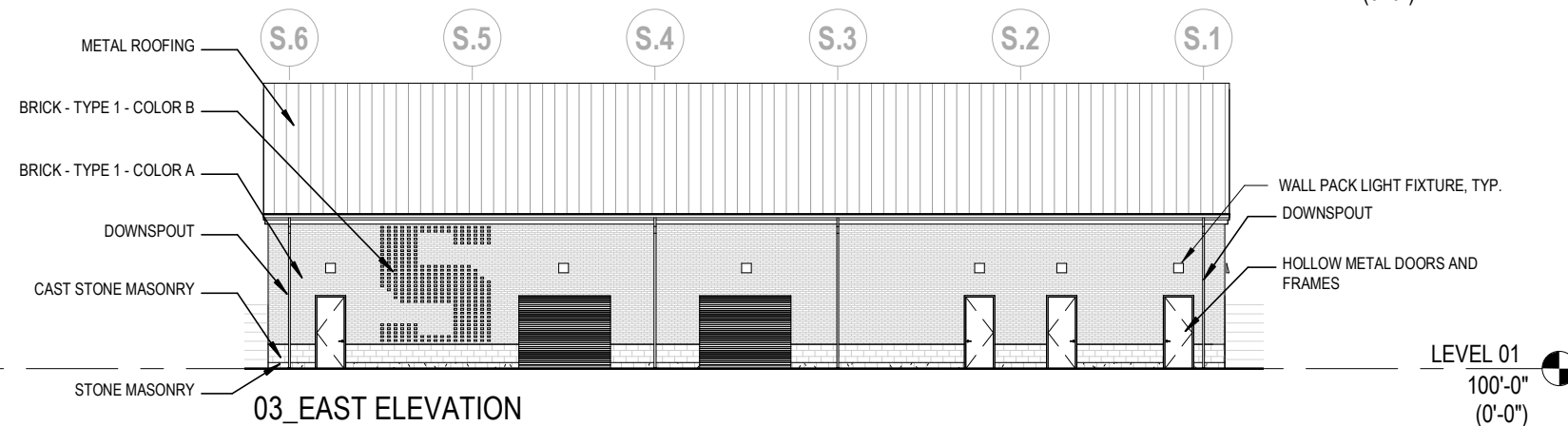
06_E/W BUILDING SECTION



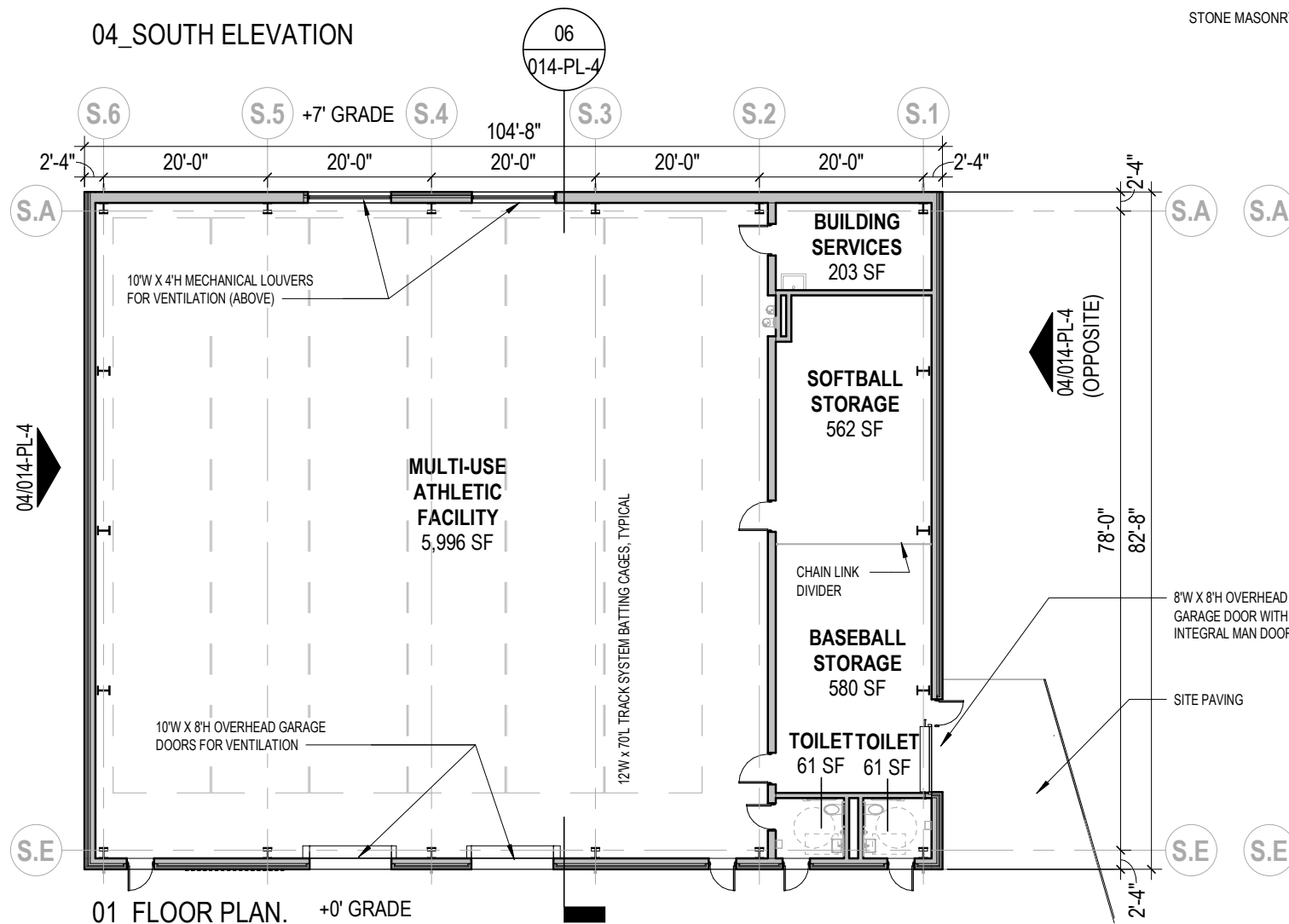
04_SOUTH ELEVATION



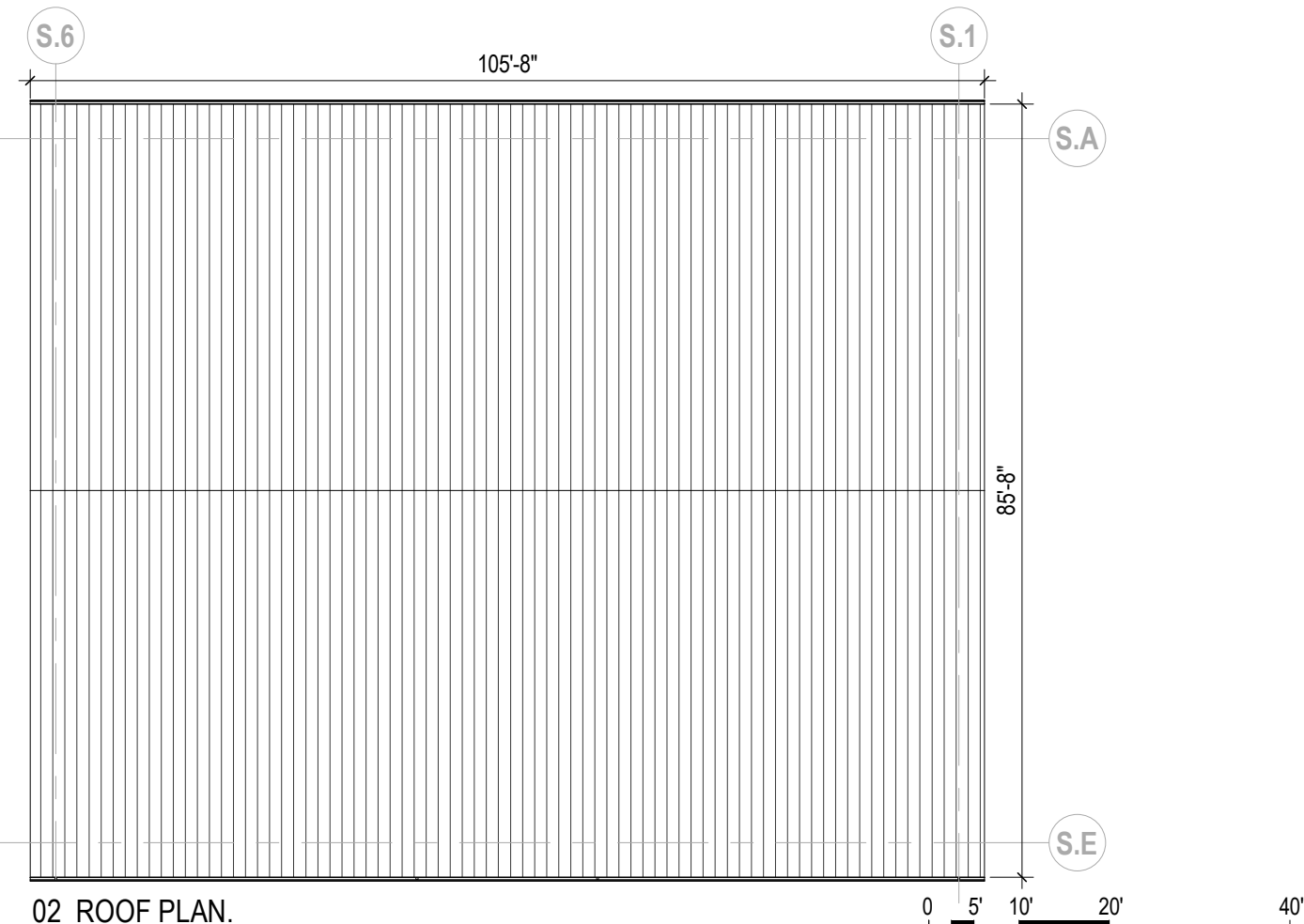
05_WEST ELEVATION



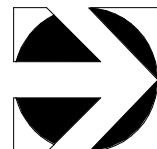
03_EAST ELEVATION



01_FLOOR PLAN. +0' GRADE



02_ROOF PLAN.



HIGH SCHOOL RENOVATIONS AND ATHLETIC OUTBUILDINGS
DUBLIN CITY SCHOOLS
01/09/2023

MULTI-USE FACILITY
014-PL-4

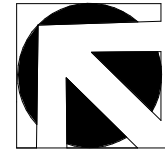
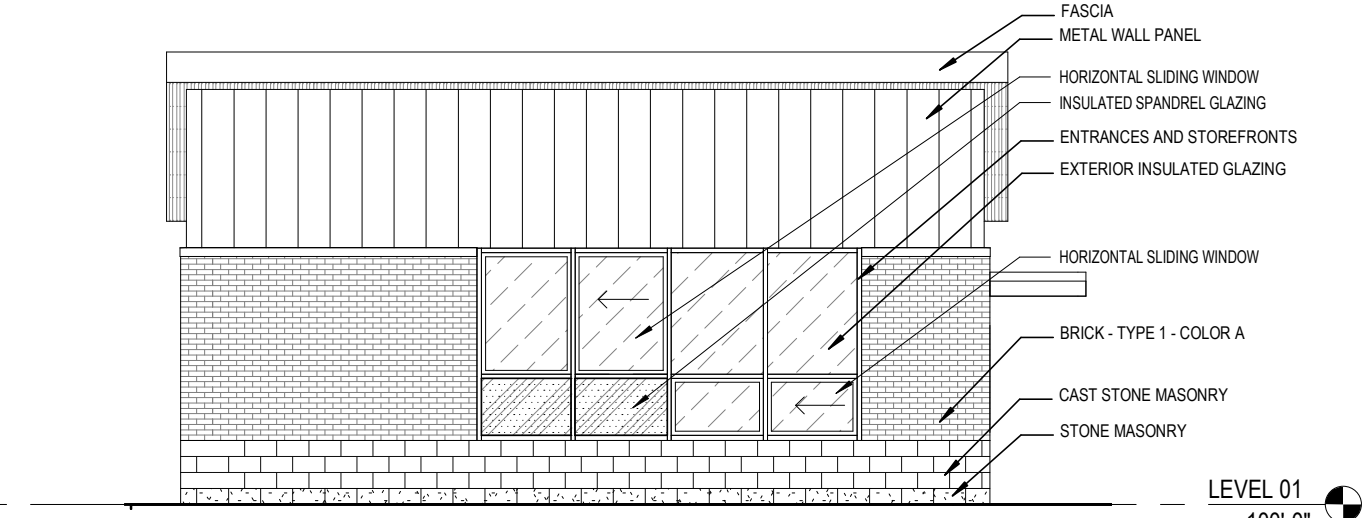
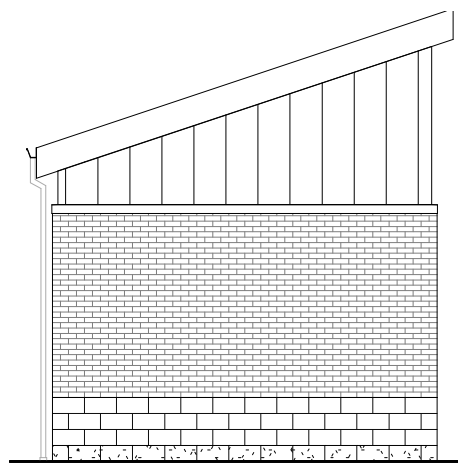
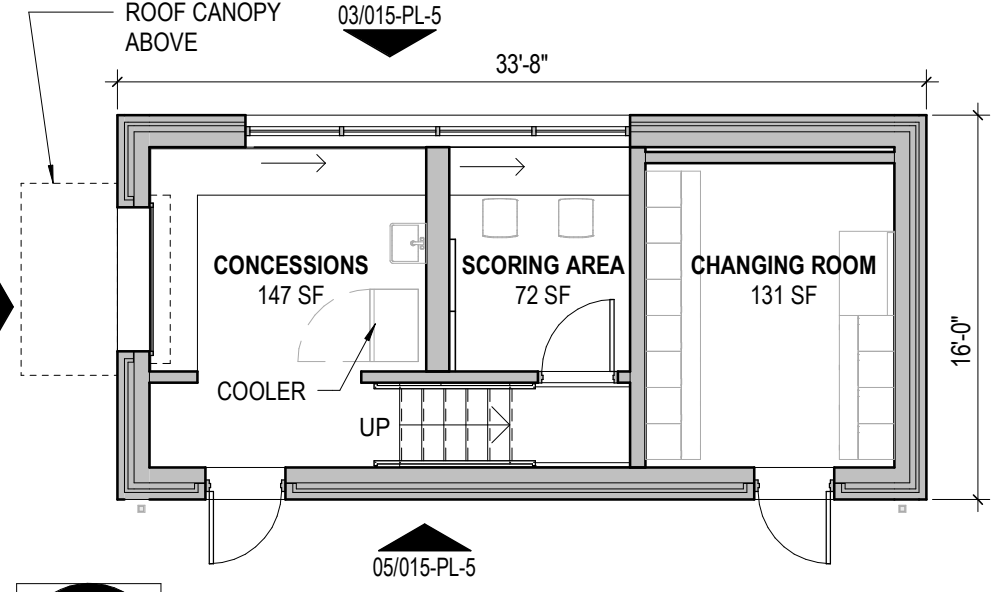
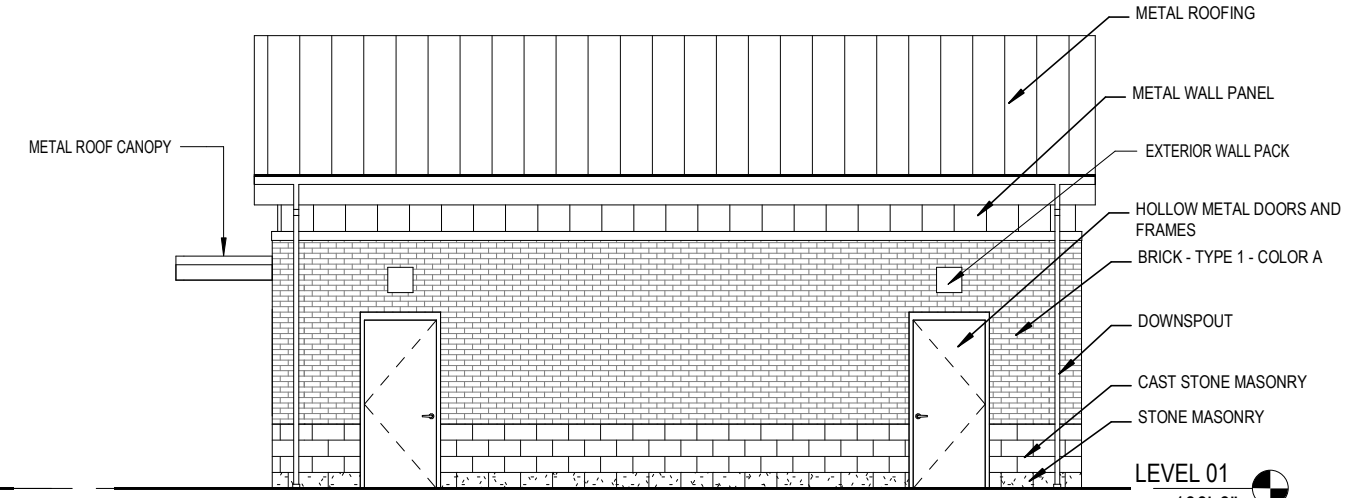
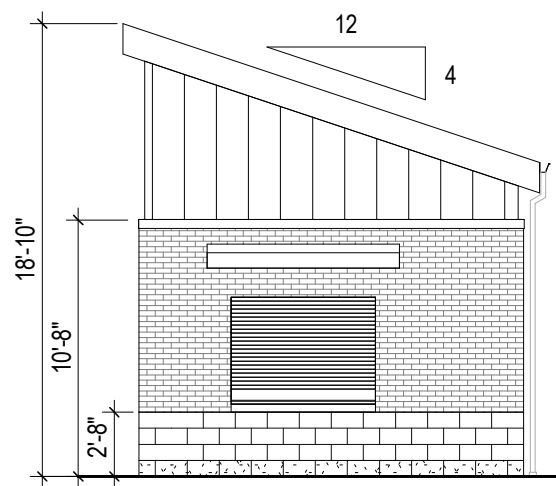
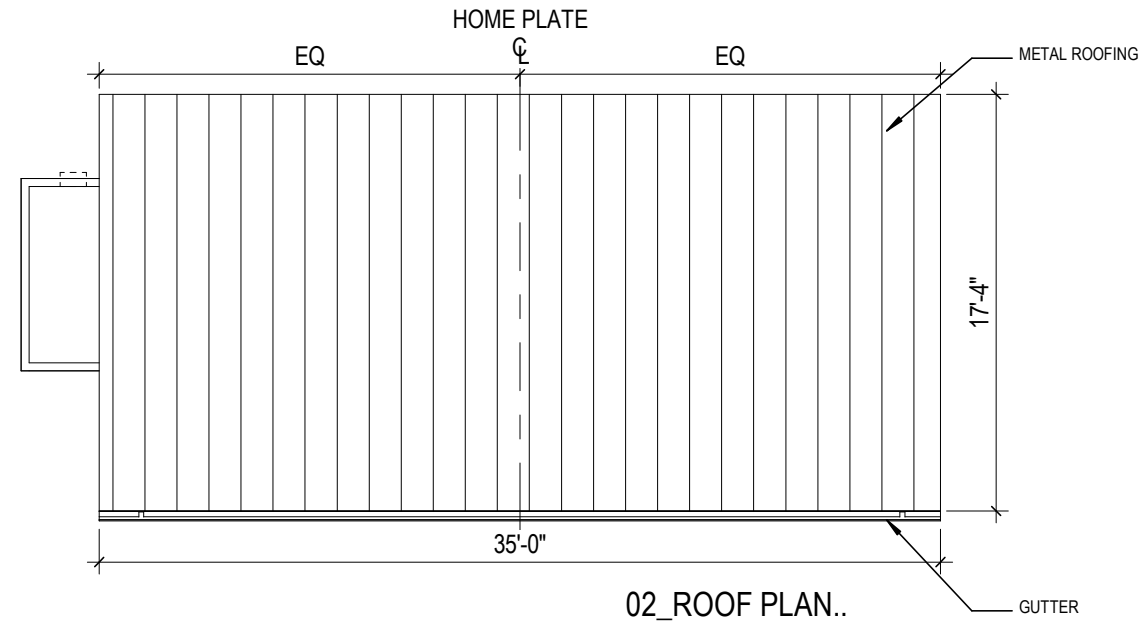
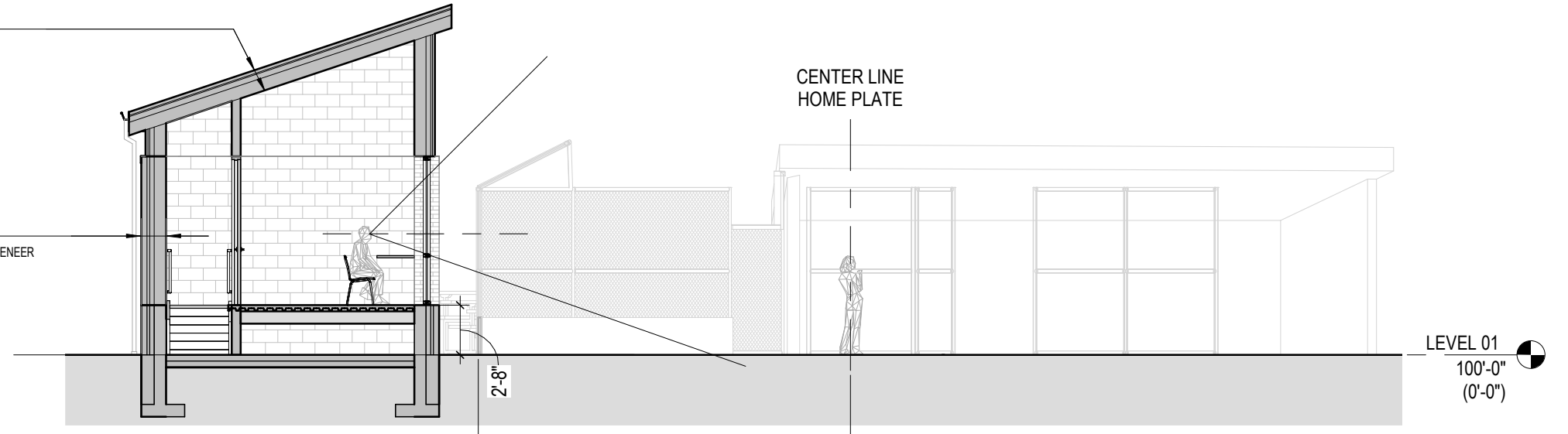
GROSS SQUARE FEET = 8,652 SF

PLANS-ELEVATIONS



METAL ROOF ASSEMBLY
 - SLOPED STANDING SEAM METAL ROOF
 - UNDERLAYMENT MEMBRANE
 - POLYISOCYANURATE INSULATION
 - 1/2" BARRIER BOARD

TYPICAL WALL ASSEMBLY
 - METAL WALL / 4" BRICK / CAST STONE VENEER
 (SEE ELEVATIONS)
 - 2" AIR CAVITY
 - 3" SEMI-RIGID INSULATION
 - FLUID APPLIED AIR BARRIER
 - 8" CMU, PAINTED

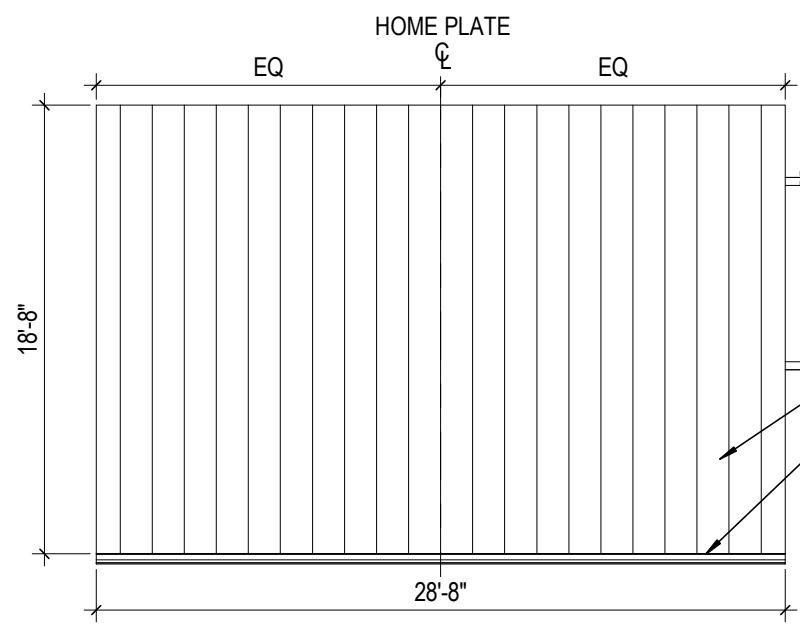


HIGH SCHOOL RENOVATIONS AND ATHLETIC OUTBUILDINGS
 DUBLIN CITY SCHOOLS
 01/09/2023

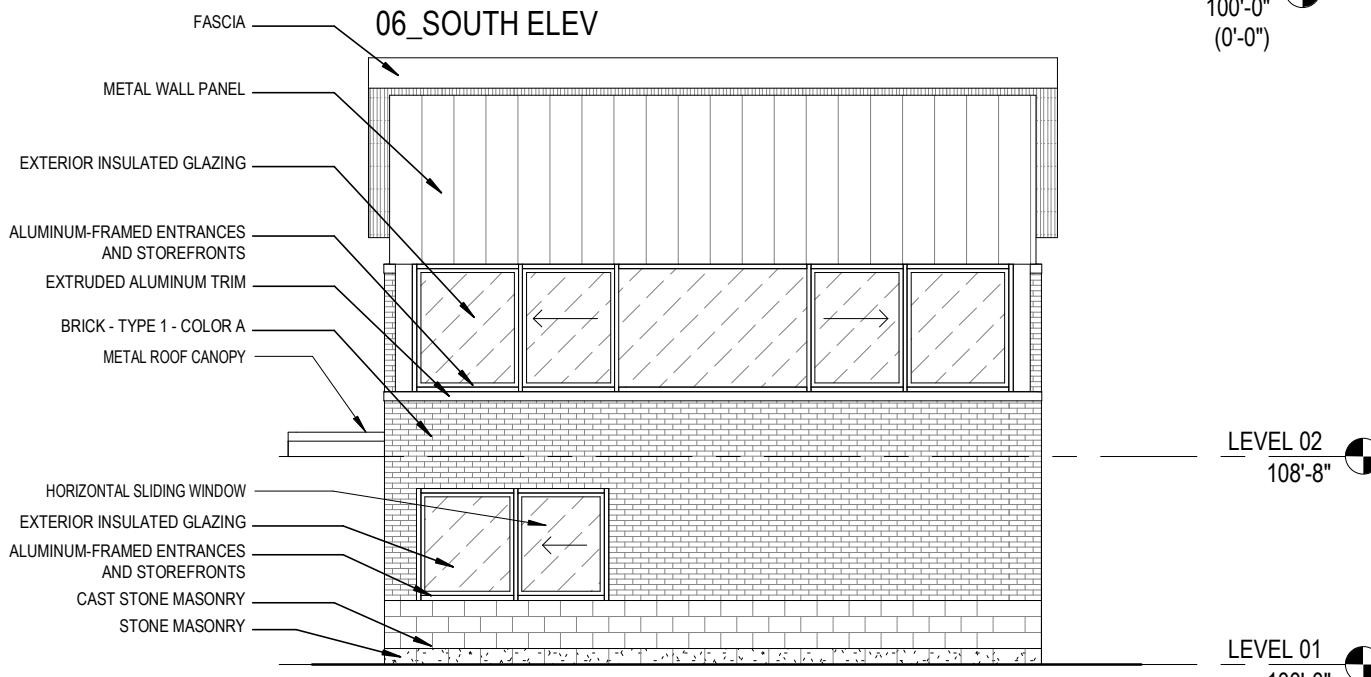
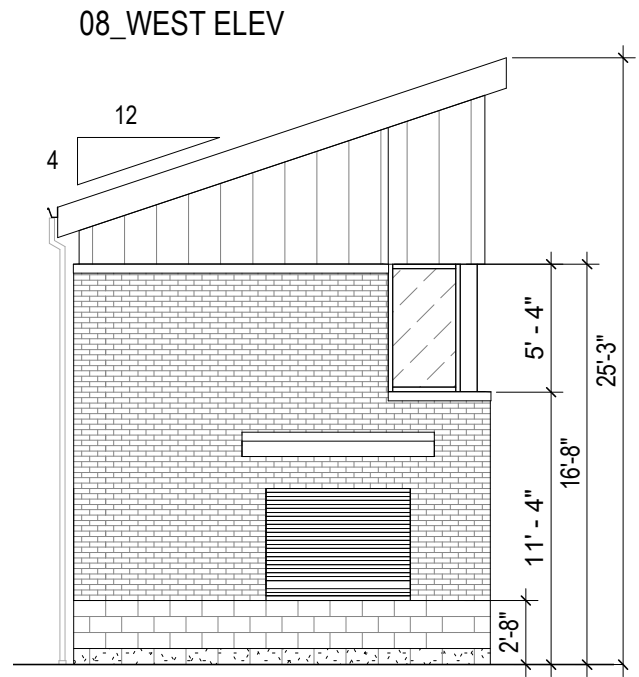
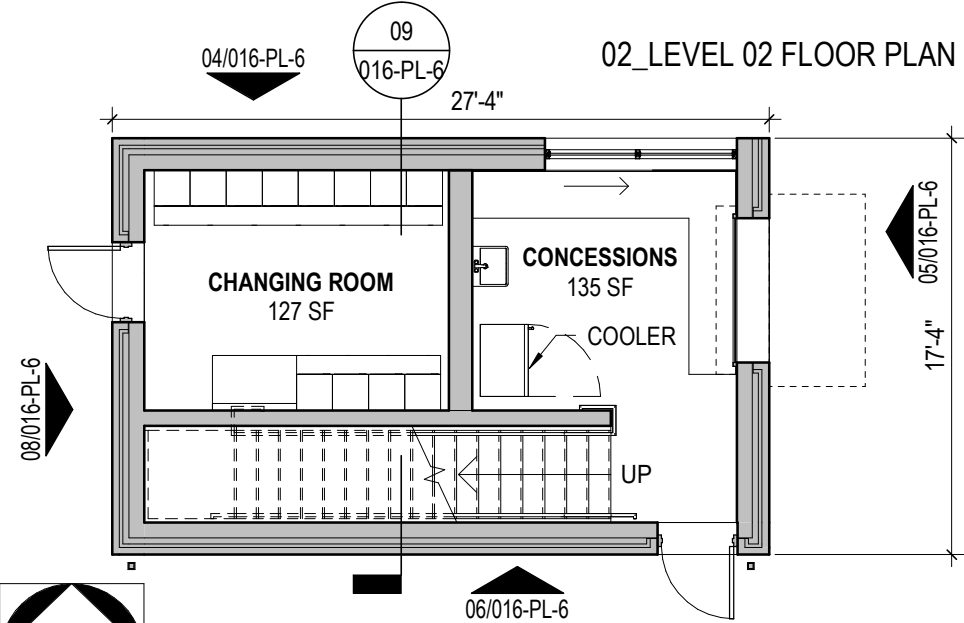
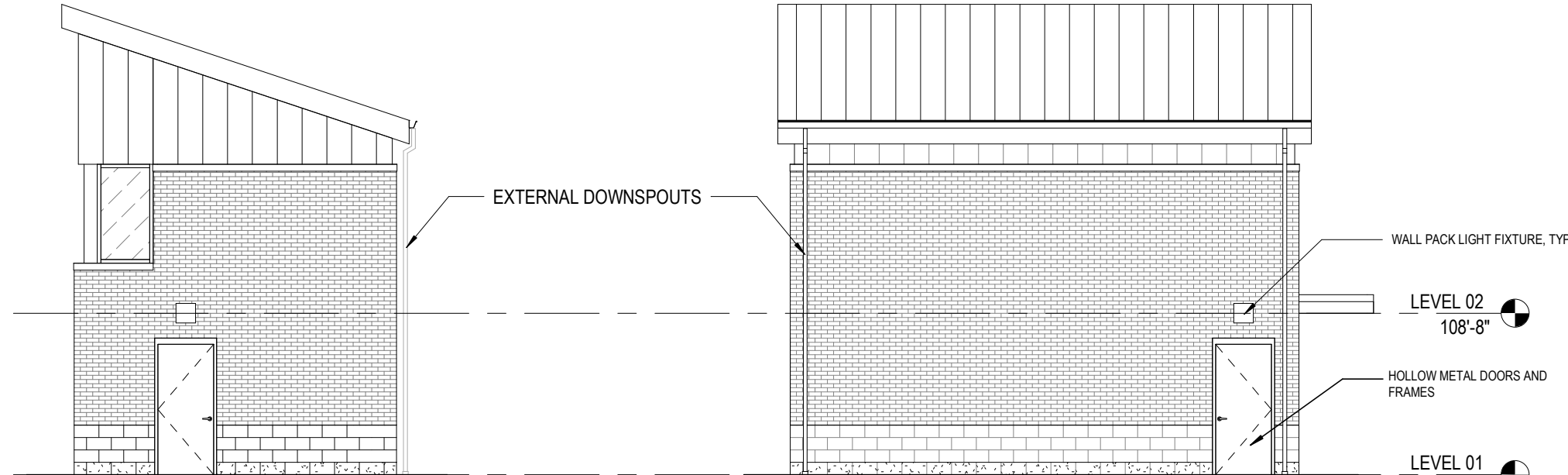
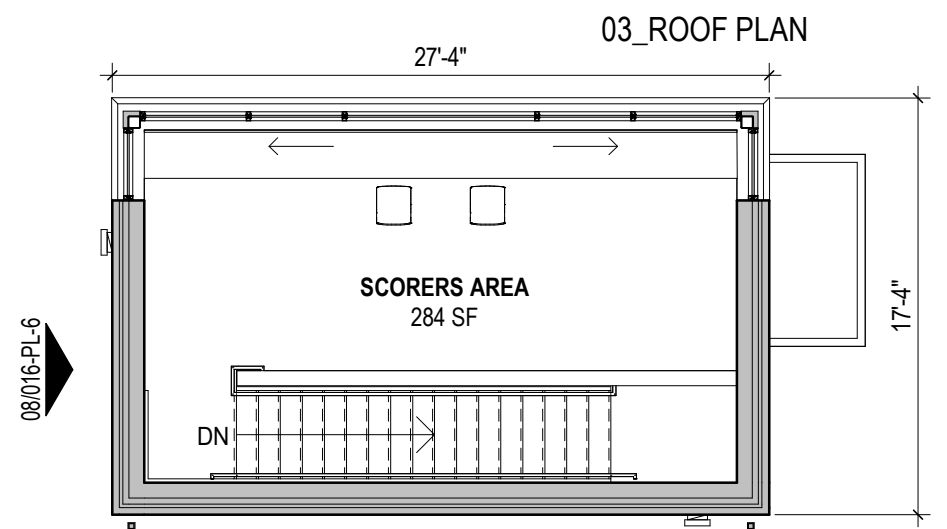
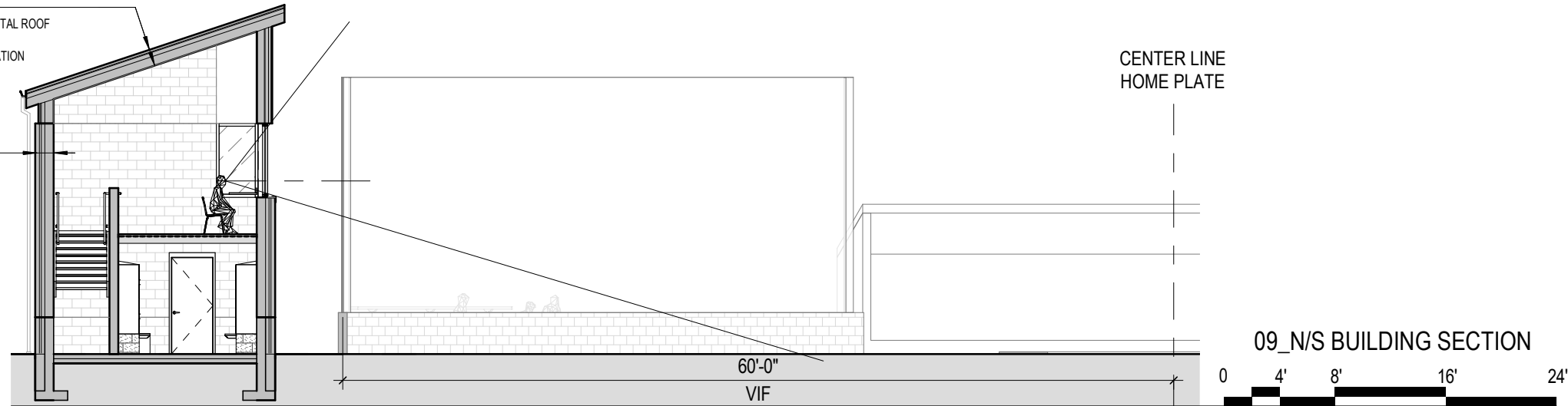
SOFTBALL CONCESSIONS
015-PL-5

GROSS SQUARE FEET = 538 SF

PLANS-ELEVATIONS
 Perkins&Will
 MOODY-NOLAN



- METAL ROOF ASSEMBLY**
- SLOPED STANDING SEAM METAL ROOF
 - UNDERLAYMENT MEMBRANE
 - POLYISOCYANURATE INSULATION
 - 1/2" BARRIER BOARD
- TYPICAL WALL ASSEMBLY**
- METAL WALL / 4" BRICK / CAST STONE VENEER (SEE ELEVATIONS)
 - 2" AIR CAVITY
 - 3" SEMI-RIGID INSULATION
 - FLUID APPLIED AIR BARRIER
 - 8" CMU, PAINTED



HIGH SCHOOL RENOVATIONS AND ATHLETIC OUTBUILDINGS
DUBLIN CITY SCHOOLS
 01/09/2023

BASEBALL CONCESSIONS
016-PL-6

GROSS SQUARE FEET = 843 SF
LEVEL 01 = 474 SF
LEVEL 02 = 369 SF

PLANS-ELEVATIONS
Perkins&Will

Exterior Materials

Brick Color A:
 - Typical brick mix used throughout to match existing.

Belden
 Color: Belcrest 760
 Size: modular

Brick Color B:
 - Dark brick selected from Color A mix, used for brick relief.

Belden
 Color: Belcrest 760
 Size: modular

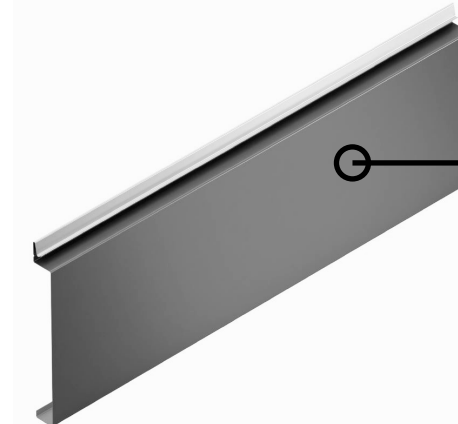
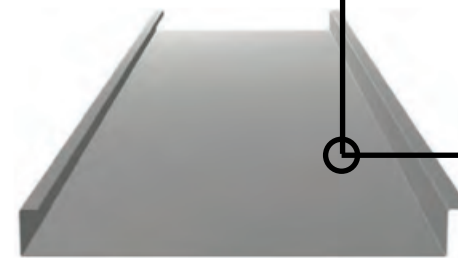
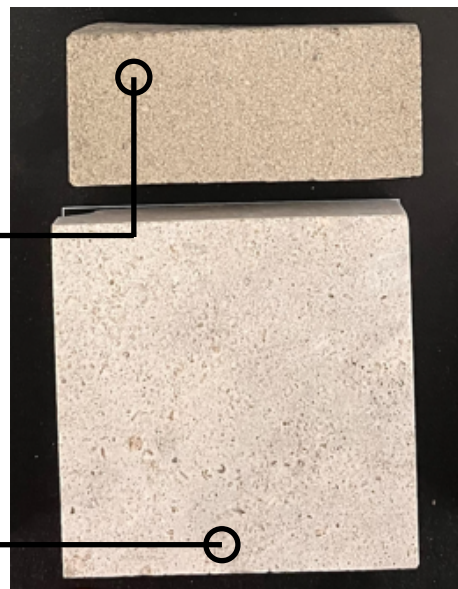
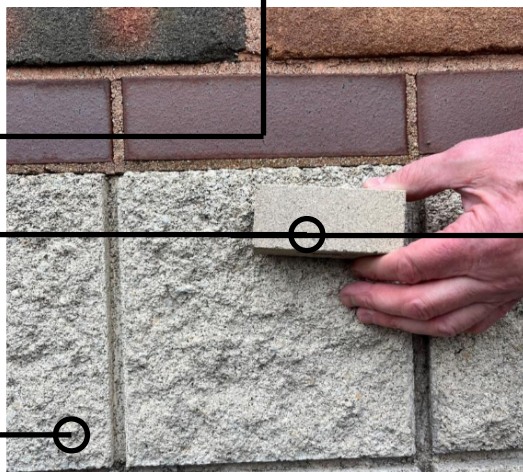
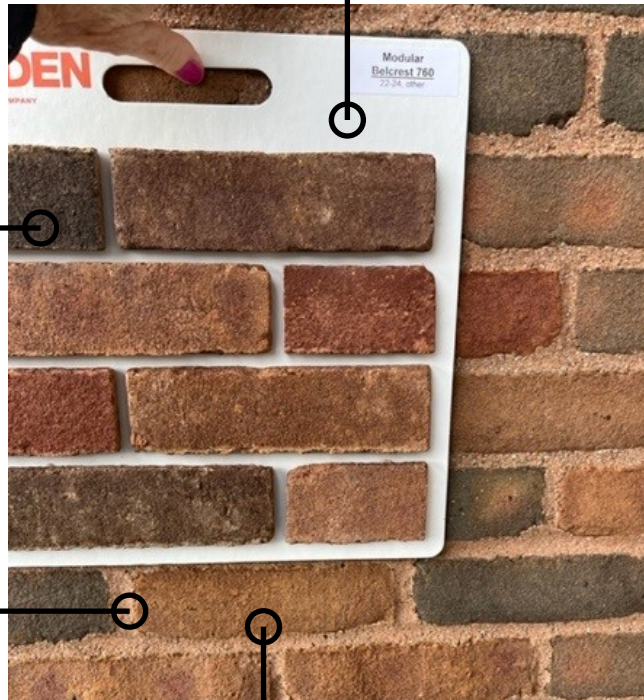
New Mortar:
 Color to match existing buff color of existing.

Existing typical brick

Cast Stone Base:
 - Basis of Design: Custom Cast Stone
 - Color: Light Buff

Existing Split Face Block Base

Natural Stone Starter Course:
 - Basis of Design: Adair - Medium Dressed Fleuri



Insulated Overhead Sectional Door

- Basis of Design: Overhead Door Company; Model: 470
 - Color to match American Buildings Fox Gray.

Exterior Hollow Metal Doors & Frames

- Basis of Design: Steelcraft
 - Color to match American Buildings Fox Gray.

Multi-Purpose Facility Standing Seam Metal Roof Panels, Fascia, Gutters, and Downspouts

- Basis of Design: American Buildings Locseam 16 Panels.
 - Color: Fox Gray.

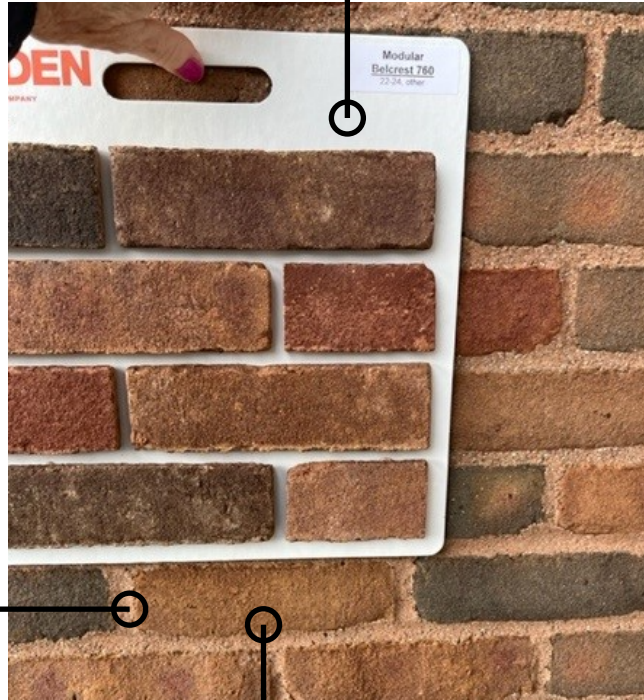
Metal Panels and trim

- Basis of Design: Morin Matrix Series MX-6.
 - Color to match American Buildings Fox Gray.

Exterior Materials

Brick Color A:
 - Typical brick mix used throughout to match existing.

Belden
 Color: Belcrest 760
 Size: modular



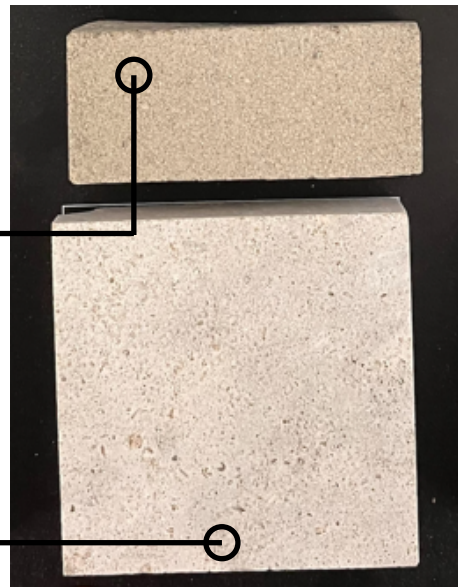
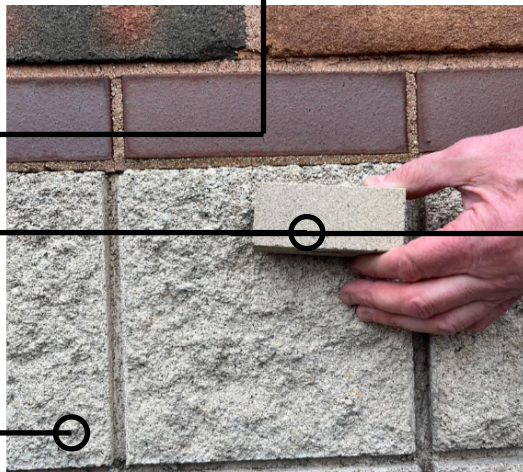
New Mortar:
 Color to match existing buff color of existing.

Existing typical brick

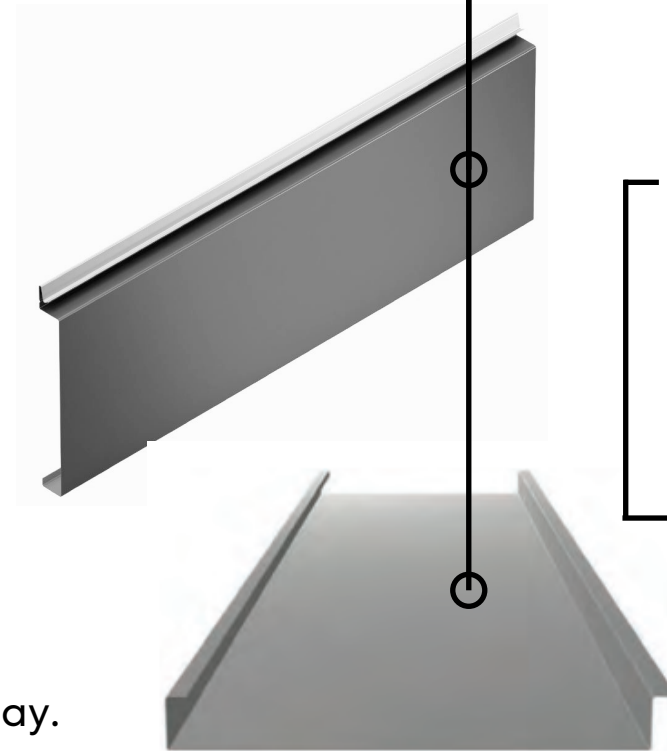
Cast Stone Base:
 - Basis of Design: Custom Cast Stone
 - Color: Light Buff

Existing Split Face Block Base

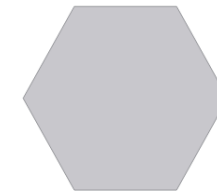
Natural Stone Starter Course:
 - Basis of Design: Adair - Medium Dressed Fleuri



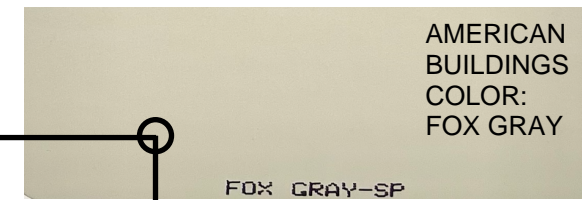
Exterior Hollow Metal Doors & Frames
 - Basis of Design: Steelcraft
 - Color to match American Buildings Fox Gray.



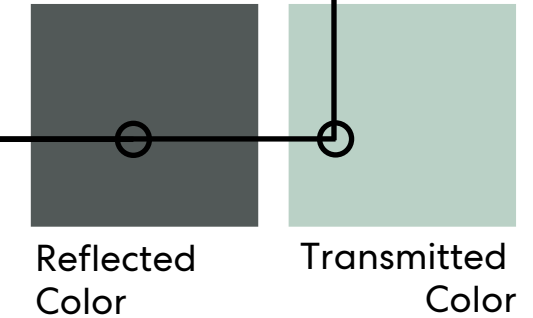
Storefront
 - Basis of Design: EFCO Clear Anodized Finish



Insulated Glazing Units
 - Basis of Design: VIRACON Low E VE 6-2M



Existing Insulated Glazing



Metal Panels, Roof, Facia, Gutters, Downspouts, and Canopy.

- Basis of Design:
 Wall: Morin Matrix Series MX-6.
 Roof: Morin SLR-16
 - Color to match Metal Roof Panels.

Rolling Counter Doors:
 - Basis of Design: Overhead Door Company; Model 651
 - Color: Stainless Steel.





SITE OF NEW BASEBALL
FIELD CONCESSIONS BUILDING

Dublin Scioto Stadium

SITE OF NEW
SOFTBALL FIELD
CONCESSIONS
BUILDING

SITE OF NEW MULTI-USE
ATHLETIC FACILITY

Aerial view of Existing Athletic Facilities





Existing View of Baseball Concessions



Existing View of Softball Backstop



Existing View of Football Concessions East and Ticket Booth



Existing Views of High School Building



Existing View of Stadium and West Ticket Booth



Existing View of Football Concessions West

Existing materials

- Blended Brick
- Ground faced CMU base
- Cast Stone Copings

- Standing seam metal roof
- Metal Wall Panels





View Looking North at New Multi-Use Athletic Facility

Characteristics:

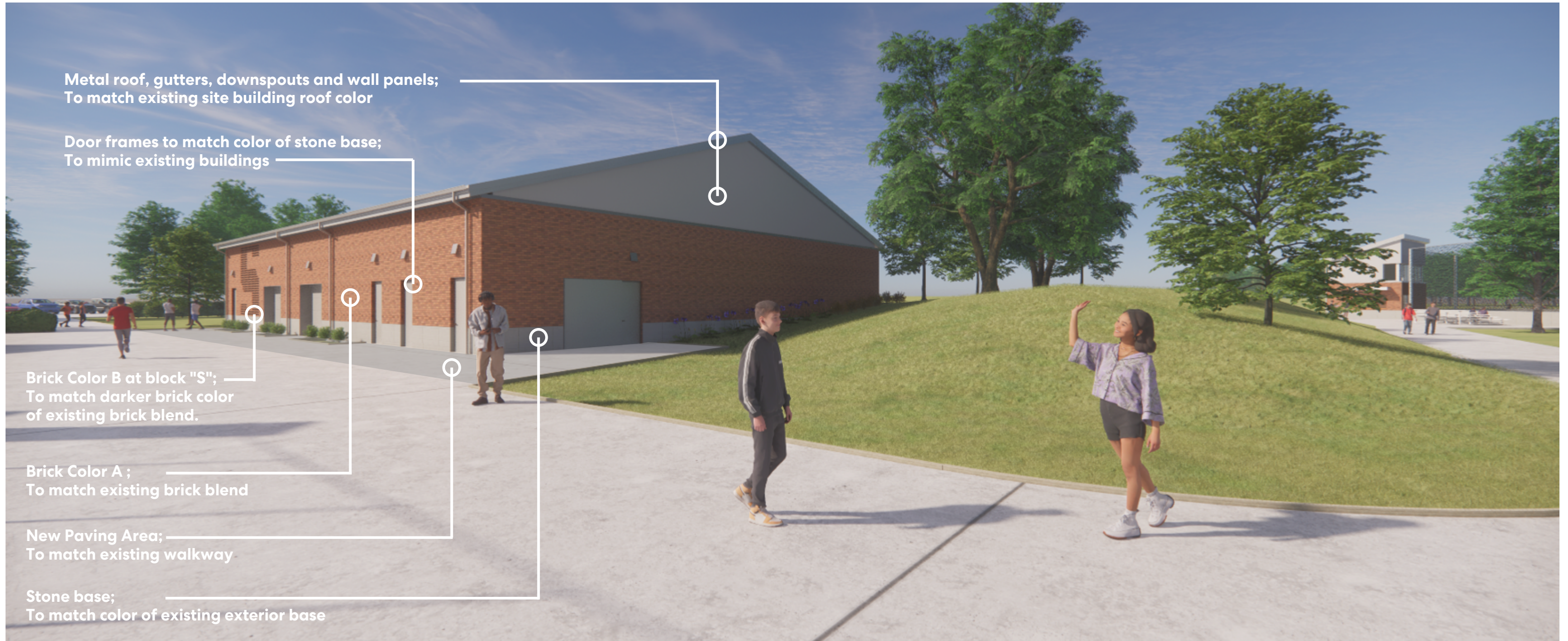
- Approach reads as a low-slung horizontal building

Strategies:

- Built into the side of a hill to maintain horizontality
- Introduce metal panel at gable ends to play off existing material language
- Match existing brick color
- Match existing roof color

Refinements:

- Clean streamlined details with Manufactured Metal Structure
- Increased durability, maintenance, and contextual response with brick/stone base exterior.



Metal roof, gutters, downspouts and wall panels;
To match existing site building roof color

Door frames to match color of stone base;
To mimic existing buildings

Brick Color B at block "S";
To match darker brick color
of existing brick blend.

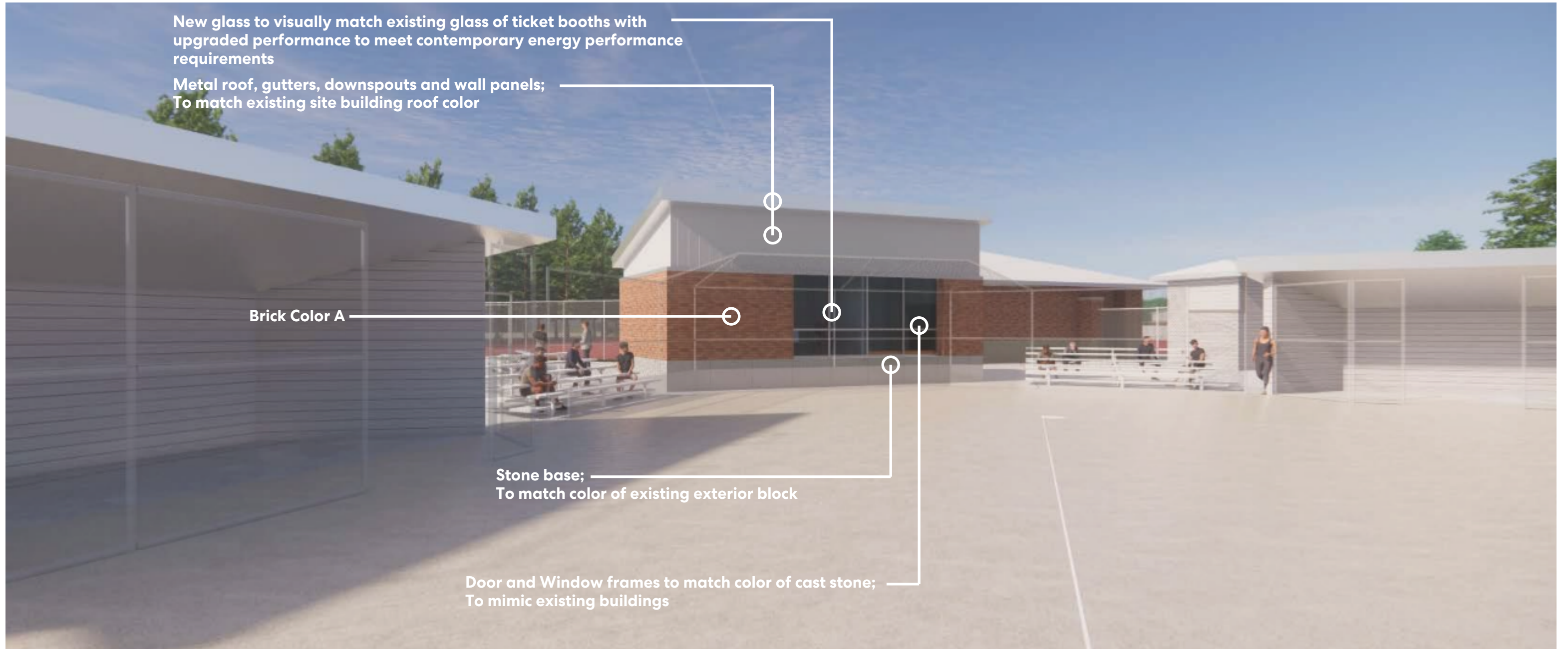
Brick Color A ;
To match existing brick blend

New Paving Area;
To match existing walkway

Stone base;
To match color of existing exterior base

View Looking South at New Multi-Use Athletic Facility





New glass to visually match existing glass of ticket booths with upgraded performance to meet contemporary energy performance requirements

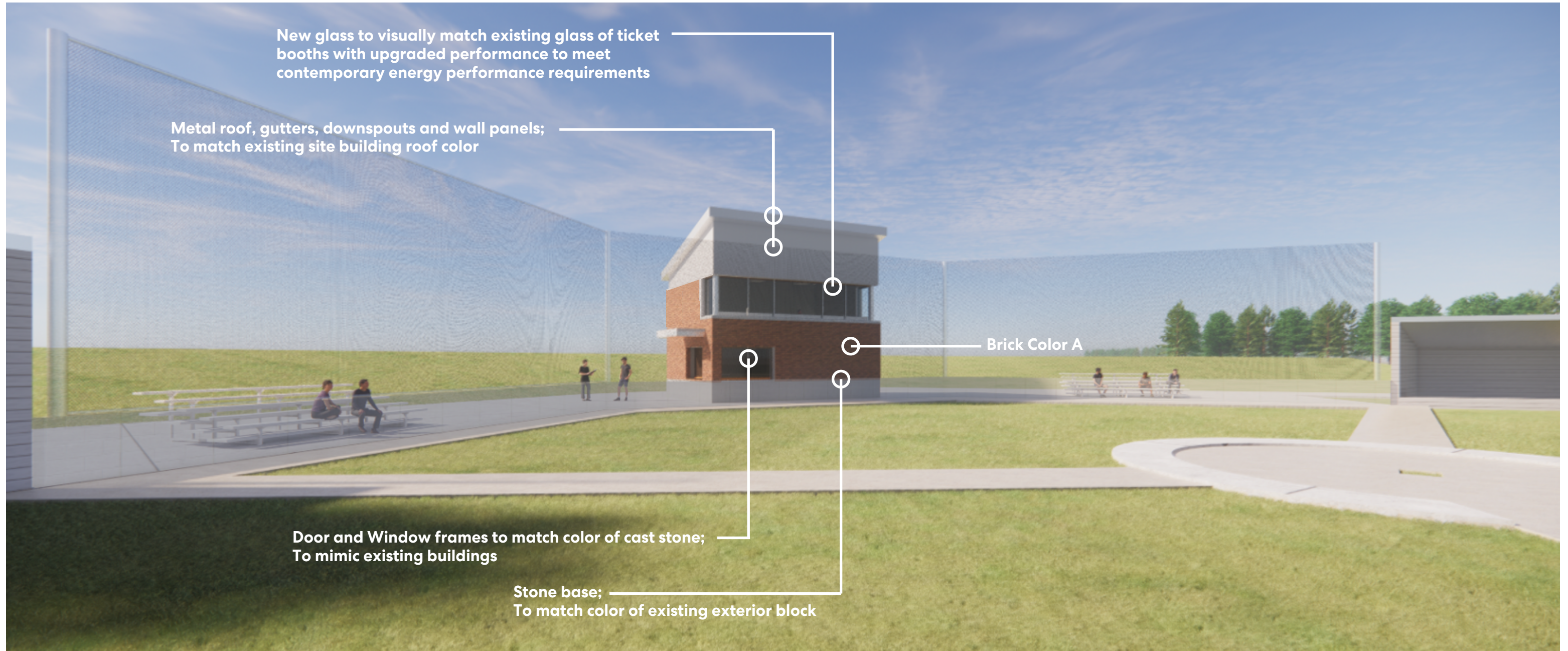
Metal roof, gutters, downspouts and wall panels;
To match existing site building roof color

Brick Color A

Stone base;
To match color of existing exterior block

Door and Window frames to match color of cast stone;
To mimic existing buildings

View at Softball Backstop



New glass to visually match existing glass of ticket booths with upgraded performance to meet contemporary energy performance requirements

Metal roof, gutters, downspouts and wall panels;
To match existing site building roof color

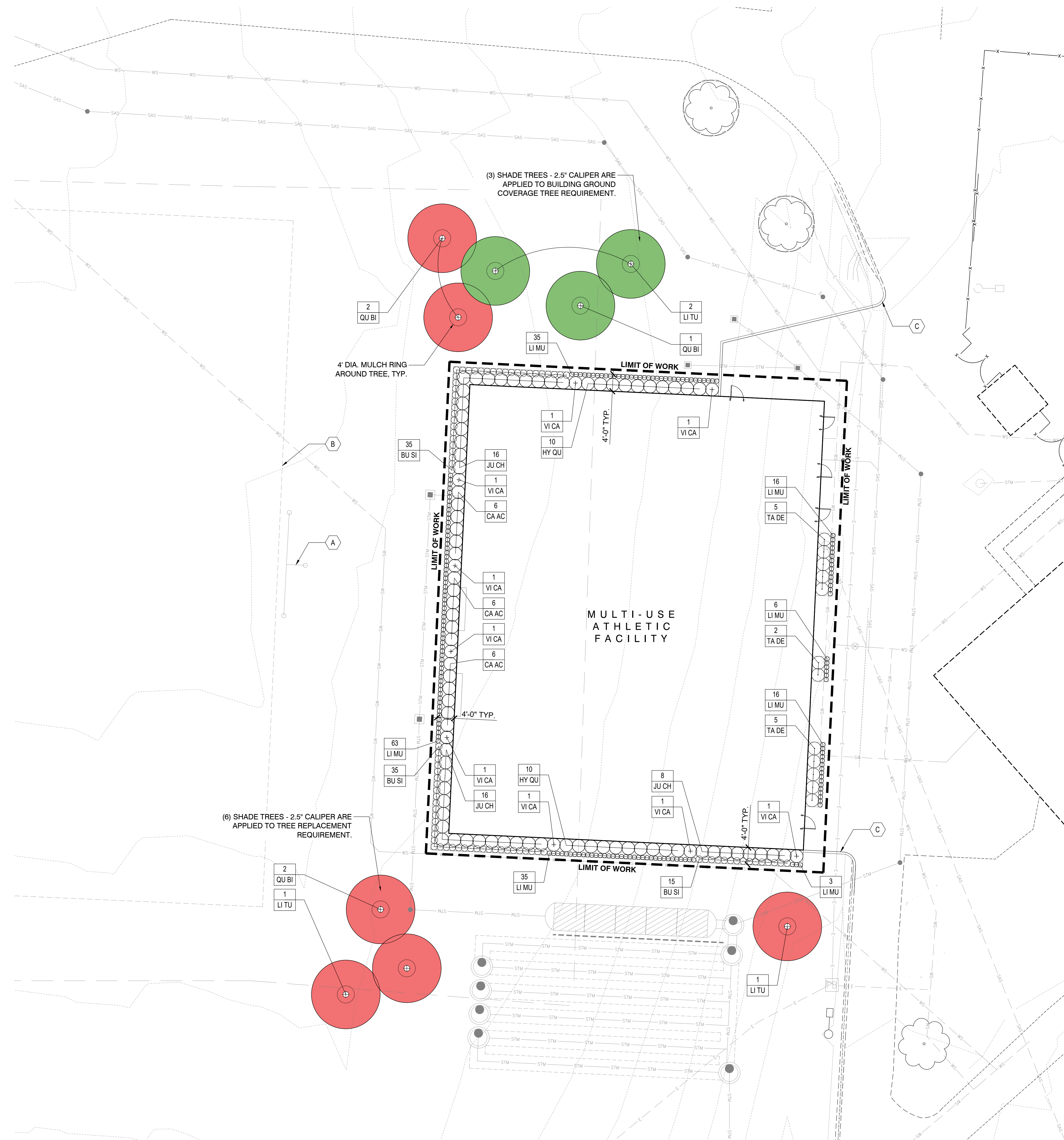
Brick Color A

Door and Window frames to match color of cast stone;
To mimic existing buildings

Stone base;
To match color of existing exterior block

View at Baseball Backstop





PLANTING LEGEND

KEY	COMMON NAME	SPECIES NAME	SIZE	SPACING
TREES				
LI TU	Tuliptree	<i>Liriodendron tulipifera</i>	2.5" CAL / B&B	PER PLAN
QU BI	Swamp White Oak	<i>Quercus bicolor</i>	2.5" CAL / B&B	PER PLAN
SHRUBS				
BU SI	Wintergreen Boxwood	<i>Buxus sinica</i> var. <i>insularis</i> 'Wintergreen'	18" HT. / B&B	18" O.C.
CA AC	Feather Reed Grass	<i>Calamagrostis x acutiflora</i> 'Karl Foerster'	#3 CONT.	36" O.C.
HY QU	Oak Leaf Hydrangea	<i>Hydrangea quercifolia</i>	#3 CONT.	36" O.C.
JU CH	Sea Green Juniper	<i>Juniperus chinensis</i> 'Sea Green'	#3 CONT.	36" O.C.
LI MU	Royal Purple Liriope	<i>Liriope muscari</i> 'Royal Purple'	#2 CONT.	12" O.C.
TA DE	Dense Yew	<i>Taxus x media</i> 'Densiflora'	24" B&B	PER PLAN
VI CA	Korean Spice Viburnum	<i>Viburnum carlesii</i>	#5 CONT.	PER PLAN

LEGEND

- BUILDING GROUND COVERAGE (SF) TREE REQUIREMENT**
 - NEW DEVELOPMENT (ASSUMED USE: OFFICE-INSTITUTIONAL BUILDING)
 - 8,652 SF Building / 1,500 = 5.77 Caliper Inches Required
 - 5.77" / 2.5" Caliper Tree (Per Code Requirement 153.133) = 3 Trees Required (3 Trees Provided)
- TREE REPLACEMENT REQUIREMENT**
 - (1) 6" Tree Removed
 - (1) 8" Tree Removed
 - 14" / 2.5" Caliper Tree (Per the Tree Preservation Code Requirement 153.140) = 6 Trees Required (6 Trees Provided)
- FOUNDATION PLANTING REQUIREMENT**
 - 375 LF Building Facade / 10' = 38 Shrubs/Perennials Required (Per the Foundation Planting Code Requirement 153.065)
 - 388 Shrubs/Perennials Provided

TREE PROTECTION LEGEND

- EXISTING TREE (PROTECT-IN-PLACE)**
 - PROVIDE TREE PROTECTION, AS SHOWN PER PLANS. SEE SPECIFICATION FOR ADDITIONAL INFORMATION.

TURF RENOVATION NOTES

- RENOVATE TURF DAMAGED BY CONTRACTOR'S OPERATIONS, SUCH AS STORAGE OF MATERIALS OR EQUIPMENT AND MOVEMENT OF VEHICLES.

SOILS NOTES

- ONLY SOILS IN DISTURBED AREAS TO BE ADDRESSED.
- ALL PROPOSED TREES IN OPEN LAWN, SEEDED AREAS, AND PERENNIAL BEDS TO RECEIVE A MINIMUM OF 2.5 CY OF SOIL PER TREE.
- ALL PLANTING BEDS TO BE RECEIVE A MIN. OF 12" DEPTH OF IMPORTED TOILSOIL

CODED NOTES

- (A) RELOCATED GOAL POST, BY OTHERS
- (B) RELOCATED PRACTICE FIELD, BY OTHERS
- (C) NEW CONCRETE CURB, SEE CIVIL ENGINEER'S PLANS

#	DATE	CHANGE DESCRIPTION

HIGH SCHOOL RENOVATIONS AND ATHLETIC OUTBUILDINGS
 4000 Hard Rd, Dublin, OH 43016
 FOR DUBLIN CITY SCHOOLS

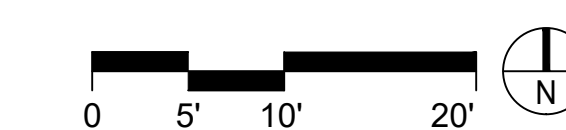
MOODY-NOLAN
 300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664
 FAX: (614) 280-8881

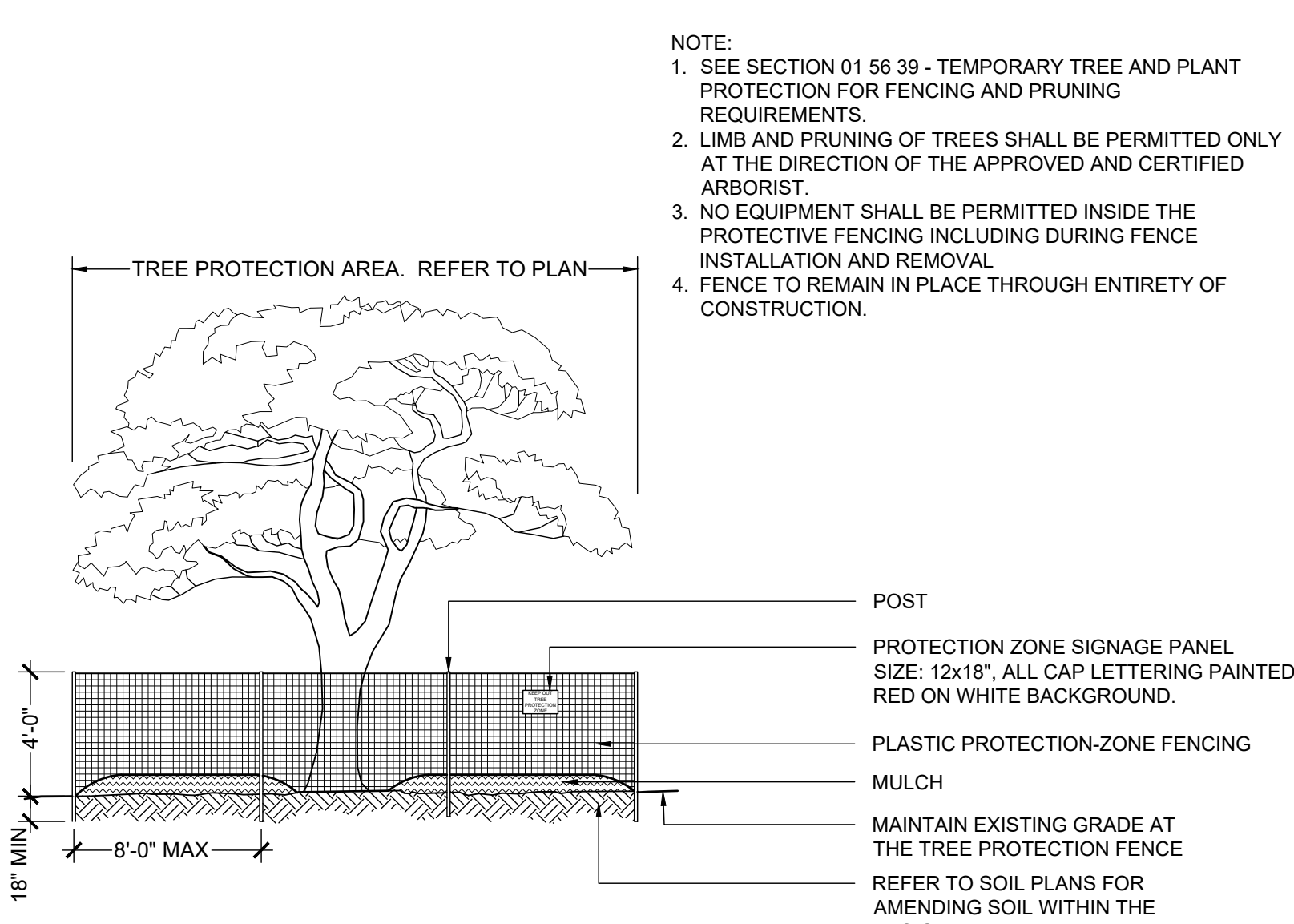
Perkins&Will
 THE WRIGLEY BUILDING
 410 NORTH MICHIGAN AVE. CHICAGO, IL 60611
 PHONE: (312) 755-0770
 FAX: (312) 755-0775

DRAWING TITLE:

PLANTING PLAN

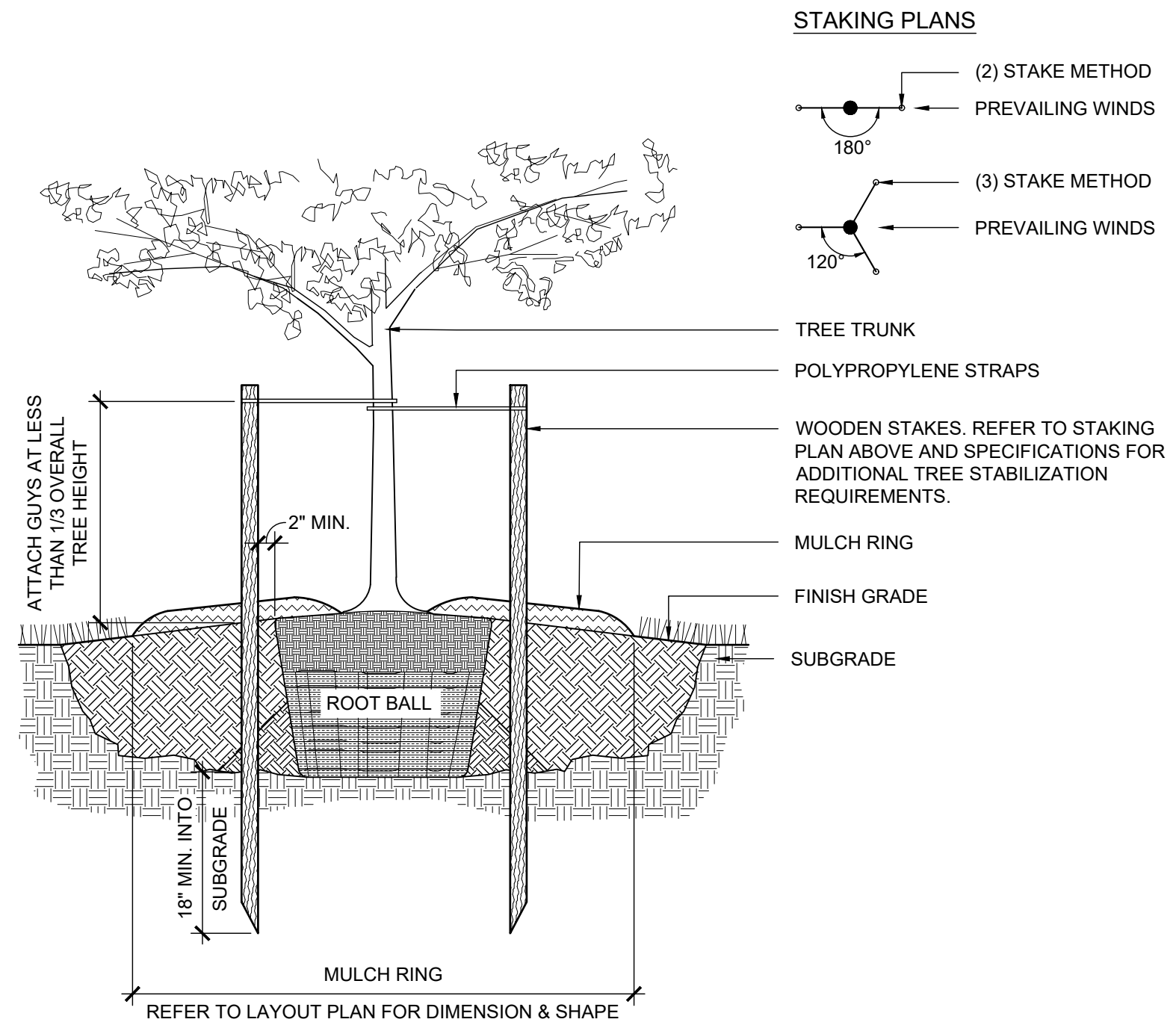
PROGRESS DRAWING NOT FOR CONSTRUCTION	1/17/2023
	DRAWN BY: JB CHECKED BY: RS
	21645.02
L001	
PLANNING & ZONING SUBMISSION	



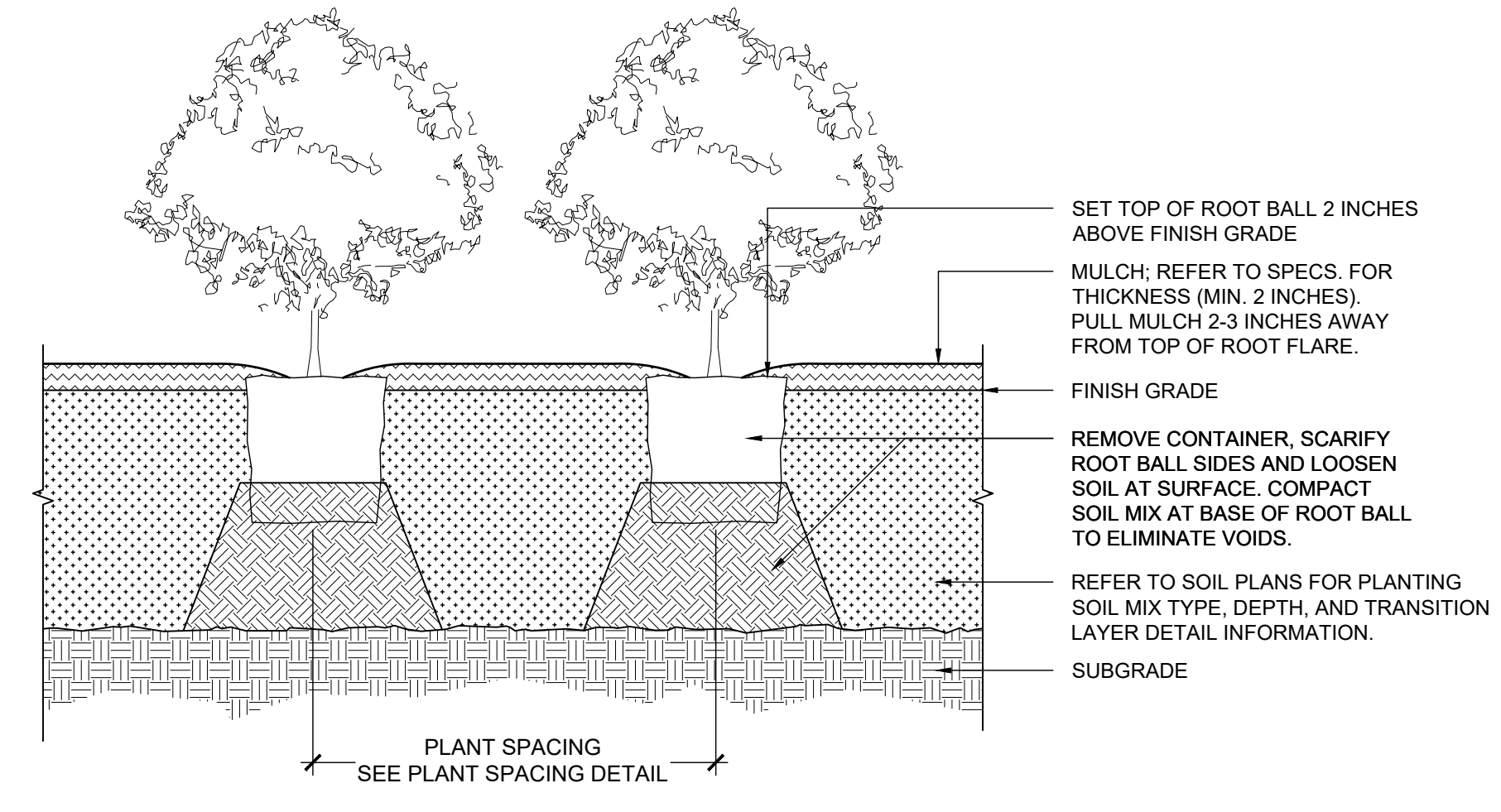
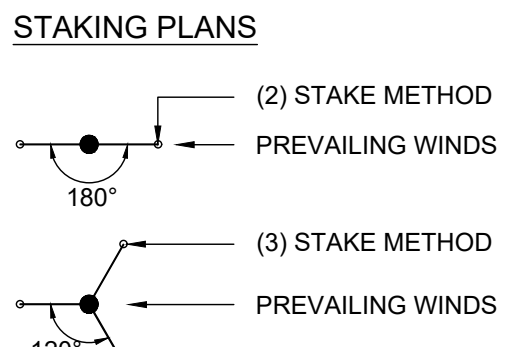


1 TREE PROTECTION ZONE - 4 FT HT
 SCALE: 1" = 1'-0" PL-001

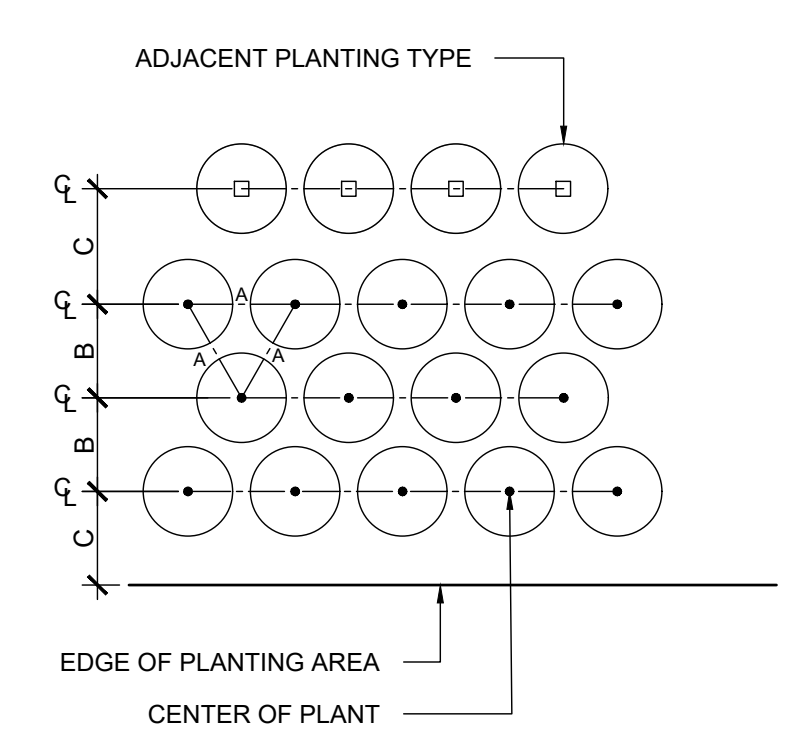
NOTE:
 1. SEE SECTION 01 56 39 - TEMPORARY TREE AND PLANT PROTECTION FOR FENCING AND PRUNING REQUIREMENTS.
 2. LIMB AND PRUNING OF TREES SHALL BE PERMITTED ONLY AT THE DIRECTION OF THE APPROVED AND CERTIFIED ARBORIST.
 3. NO EQUIPMENT SHALL BE PERMITTED INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
 4. FENCE TO REMAIN IN PLACE THROUGH ENTIRETY OF CONSTRUCTION.



2 TREE STABILIZATION DETAIL - UPRIGHT STAKING
 SCALE: 3/4" = 1'-0" PL-020



3 SHRUB PLANTING (GREATER THAN 1 GALLON CONTAINER)
 SCALE: 1" = 1'-0" PL-045

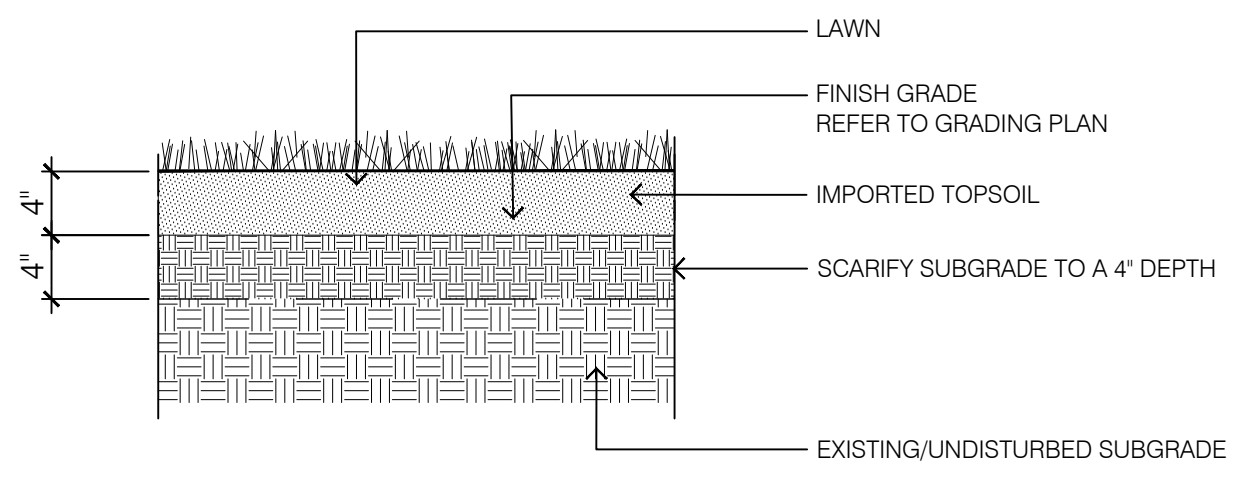


C = 30" SETBACK FOR SHRUBS
 18" SETBACK FOR PERENNIALS
 12" SETBACK FOR GROUND COVER OR PER PLANTING PLANS

TRIANGULAR SPACING = A	DISTANCE BETWEEN ROW = B	TOTAL AREA (SF) PER PLANT
6"	5"	0.21
8"	7"	0.39
9"	8"	0.50
10"	8 1/2"	0.59
12" (1)	10 1/2"	0.88
15"	12"	1.35
18"	15 1/2"	1.94
21"	18"	2.63
24" (2)	21"	3.50
30"	26"	5.42
36" (3)	31"	7.80
48" (4)	42"	13.84

NOTE:
 LAYOUT PLANTS ALONG PERIMETER OF PLANTING BED FIRST, PARALLEL TO AND UNIFORMLY OFFSET FROM EDGE OF BED. FILL OUT INTERIOR OF BED ON UNIFORM GRID AS SHOWN, UNLESS OTHERWISE INDICATED ON THE PLANTING PLANS.

4 PLANT SPACING, TRIANGULAR TYPICAL
 SCALE: 1" = 1'-0" PL-060



5 TOPSOIL FURNISHED & PLACED
 SCALE: 1" = 1'-0"

#	DATE	CHANGE DESCRIPTION

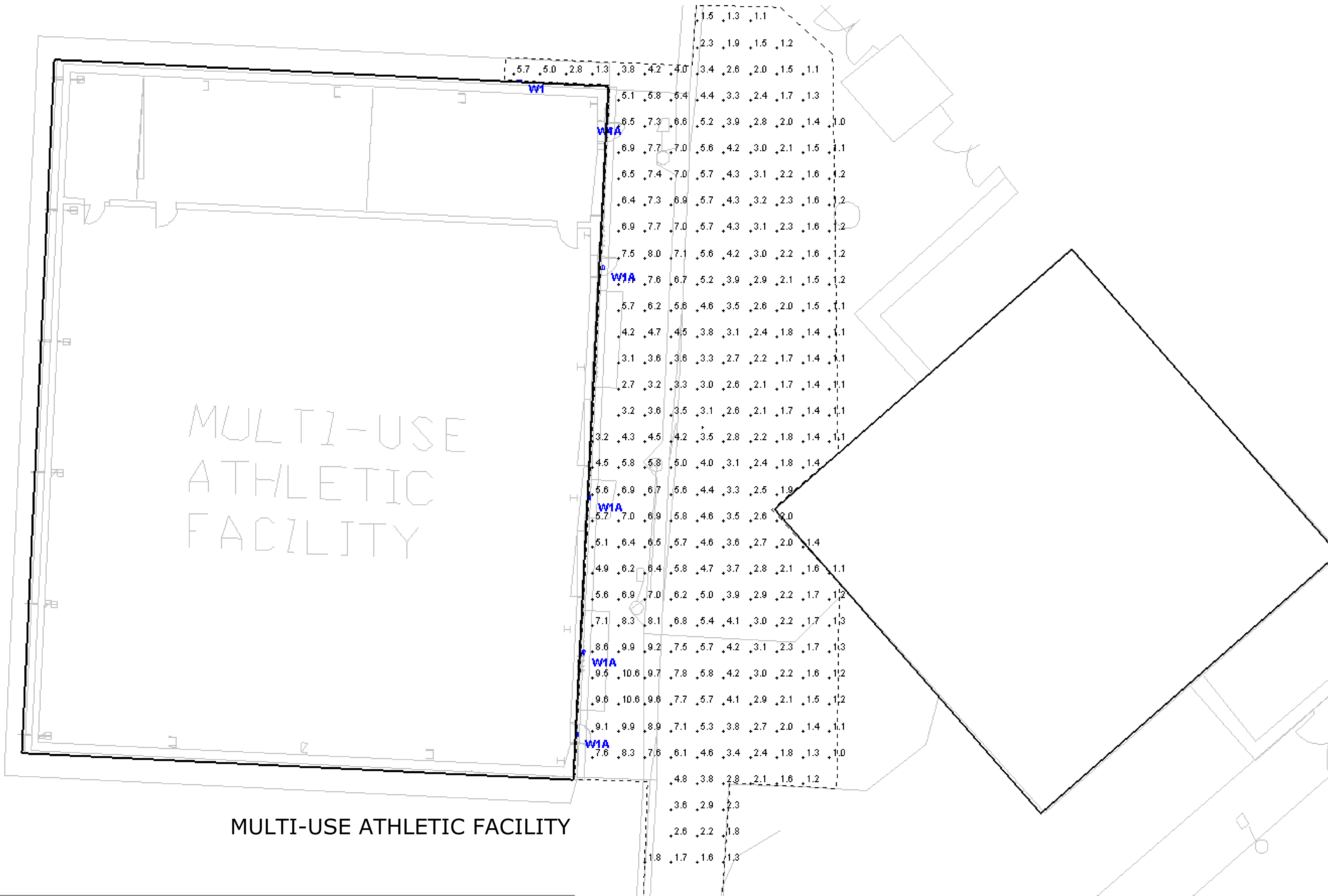
HIGH SCHOOL RENOVATIONS AND ATHLETIC OUTBUILDINGS
 4000 Hard Rd, Dublin, OH 43016
 FOR DUBLIN CITY SCHOOLS

MOODY-NOLAN
 300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: (614) 461-4664
 FAX: (614) 280-8881

Perkins&Will
 THE WRIGLEY BUILDING
 410 NORTH MICHIGAN AVE. CHICAGO, IL 60611
 PHONE: (312) 755-0770
 FAX: (312) 755-0775

PLANTING DETAILS

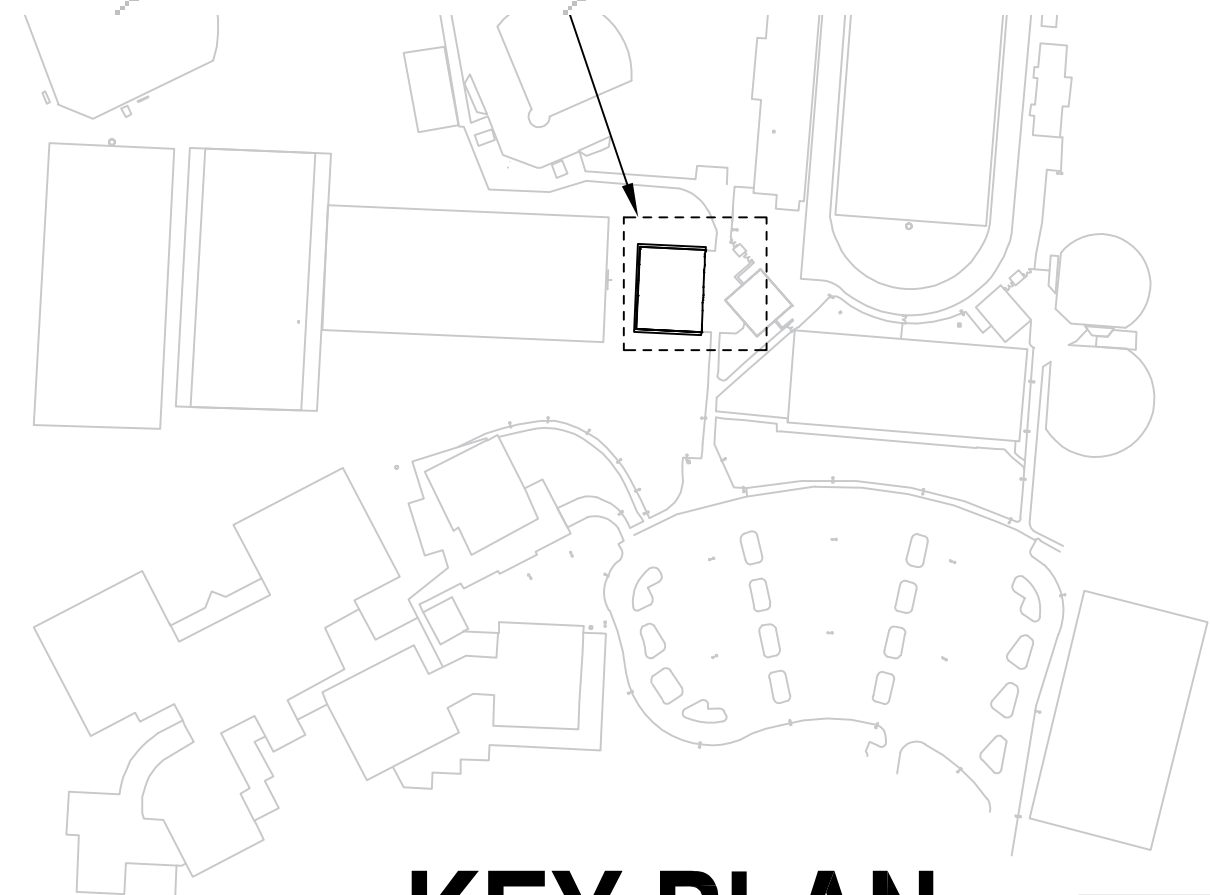
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	DRAWN BY: JB CHECKED BY: RS
	21645.02
	L101
	PLANNING & ZONING SUBMISSION



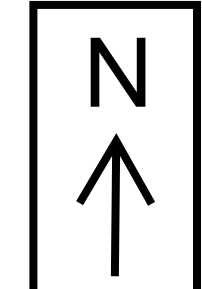
MULTI-USE ATHLETIC FACILITY

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Multi-Use Athletic Facility	+	3.9 fc	10.6 fc	1.0 fc	10.6:1	3.9:1

Schedule									
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage
	W1	1	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	AXCS1A	1A AXCENT SMALL LED WALLPACK WITH 4000K CCT AND 70 CRI LEDS	1	1806	0.91	13.5
	W1A	5	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	AXCS4A	4A AXCENT SMALL LED WALLPACK WITH 4000K CCT AND 70 CRI LEDS	1	5519	0.91	43.7



KEY PLAN



#	DATE	CHANGE DESCRIPTION

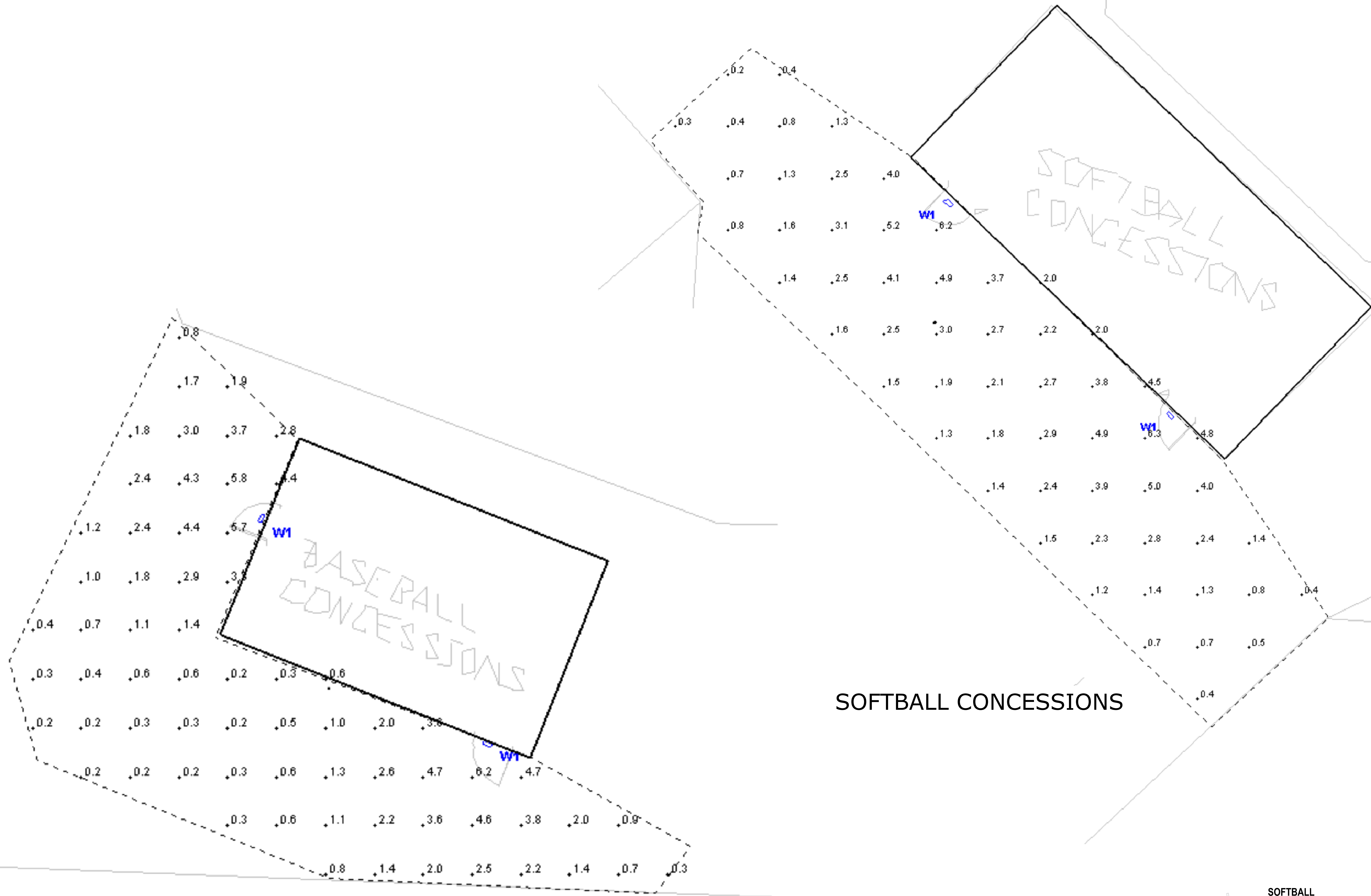
CLIENT LOGO IF AVAILABLE
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DUBLIN CITY SCHOOLS

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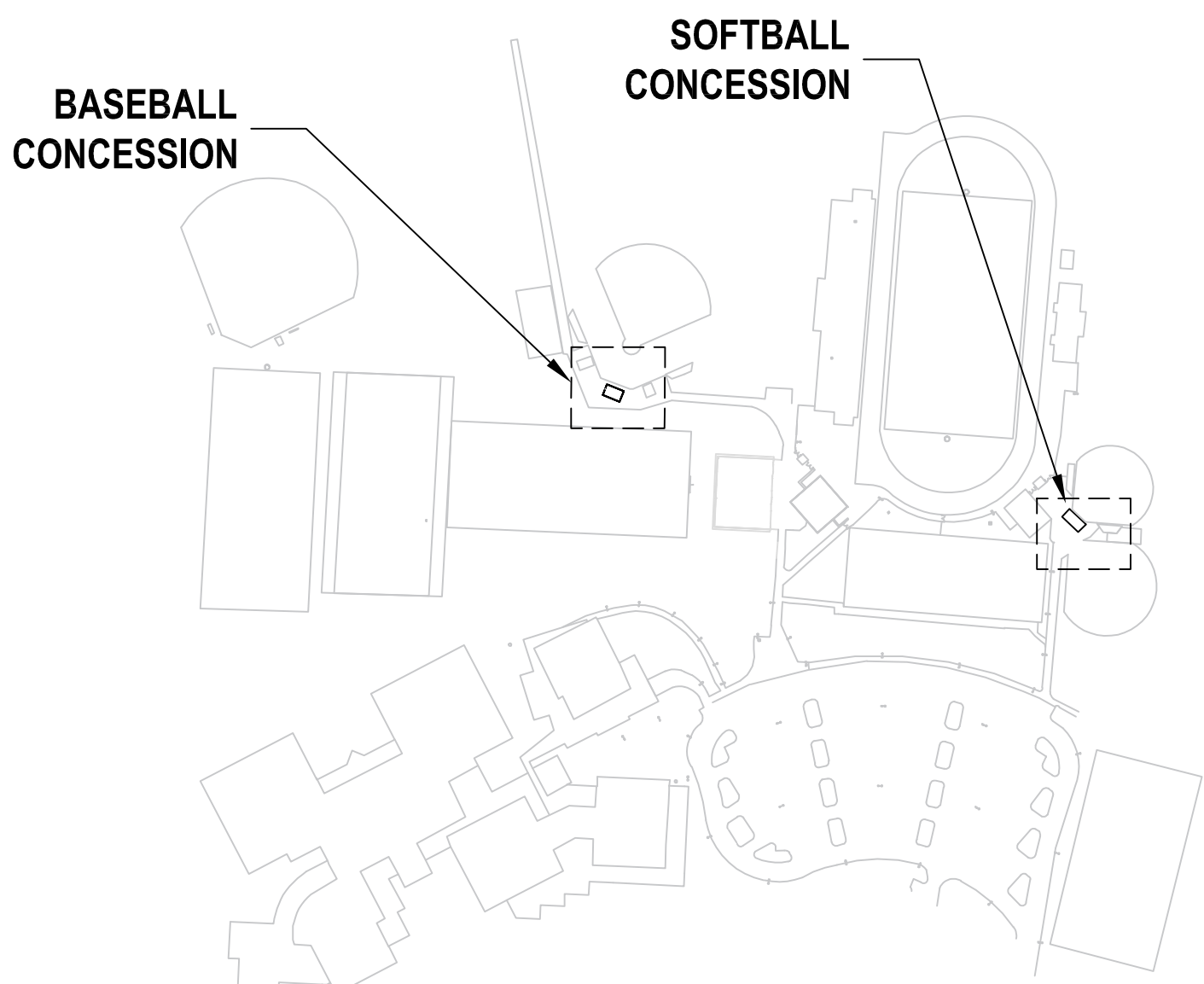
DRAWING TITLE:
Electrical Photometric Site Plan

PROGRESS DRAWING NOT FOR CONSTRUCTION	Issue Date	
	DRAWN BY: Author	CHECKED BY: Checker
	21645.02	
E010		Project Status

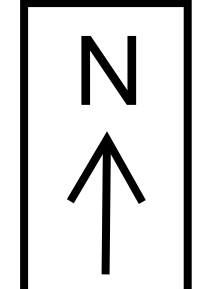


BASEBALL CONCESSIONS

SOFTBALL CONCESSIONS



KEY PLAN



Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Baseball Concessions	+	1.8 fc	6.2 fc	0.2 fc	31.0:1	9.0:1
Softball Concessions	+	2.3 fc	6.3 fc	0.2 fc	31.5:1	11.5:1

Schedule										
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage	
□	W1	4	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	AXCS1A	1A AXCENT SMALL LED WALLPACK WITH 4000K CCT AND 70 CRI LEDS	1	1806	0.91	13.5	

#	DATE	CHANGE DESCRIPTION

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Electrical Photometric Site Plan

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E011		Project Status