Addendum No. 1 **Issued: October 29, 2026**

Project Name:	Pottsgrove High School Facilities & Athletic Improvements ICS Project No. S25009
Project Owner:	Pottsgrove School District 1301 Kauffman Road Pottstown, PA 19464
Program: Manager	ICS – Scott Kennedy 1400 N. Providence Road Building 2, Suite 4025 Media, PA 19063

PROPOSALS DUE DATE: TUESDAY, NOVEMBER 17, 2026 @ 3:00 p.m.

This Addendum forms a part of the Plans and Specifications for this project. Receipt of this addendum must be acknowledged. Failure to so acknowledge this addendum may subject the Bidder to disqualification.

1.0 GENERAL INFORMATION:

1.1 Pre-Bid Meeting: Monday 11/2/26 at 10:00 am. Location: Pottsgrove High School, 1345 Kauffman Road, Pottstown, PA 19464. Parking is available near the gymnasium.

1.2 This addendum consists of 11 pages including the following attachments:

- Pre-bid parking and entrance map – 1page
- Logistics & Milestone Date Plan – 2 pages
- Revised Drawing Cover Sheet to include updated Milestone dates – 1 page
- Revised Drawing E-001 to include IT Responsibility Matrix -1 page
- Revised Drawing UE-101: Removed site camera fiber optic connection and 120v power connection near Ticketing Booth 200 and near Ticketing Booth 210 – 1 page
- Revised Drawing E401: Relocated camera to Ticketing Booth 200 from Restroom/Concessions Building. Added Door Position sensors to Concourse C1 Garage Door -1 page
- Revised Drawing E402: Deleted proximity reader, electric strike and door position switch from gate to the east of Concessions 211. Relocated camera to new location – 1 page
- Revised Drawing E-700: Removed circuits referenced above from Panels LC-10 and VC-37 – 1 page

2.0 CHANGES TO PREVIOUS ADDENDA:

2.1 None.

3.0 CHANGES TO THE PROPOSAL REQUIREMENTS, CONTRACT FORMS, & CONDITIONS OF THE CONTRACT:

3.1 None.

6.0 **PUBLIC BIDDER'S QUESTIONS (WS1-WS2-WS3-WS4):**

Below are the questions received during bidding as of October 29, 2026.

6.01 Q: Are Bid Bonds required?

R: YES, bid bonds are required for Work Scopes 1,2,3,4, along with Performance and Payment Bonds. See Sections 00-43-15, 00-61-13, 00-61-14, and 00-61-15 in the Project Manual.

6.02 Q: Are Qualification Statements, Past Experience, and Financial information required with our bid?

R: YES, these items are required for Work Scopes 1,2,3,4. See Sections 00-11-53 (To Include Exhibits A,B,C,D).

7.0 **COOPERATIVE PURCHASING BIDDER'S QUESTIONS (WS5):**

Below are the questions received during bidding as of October 29, 2026.

7.01 Q: Are Bid Bonds required?

R: NO, bid bonds are not required for Work Scope #5. However, Performance and Payment Bonds are required. See Sections 00-43-15, 00-61-13, 00-61-14, and 00-61-15 in the Project Manual.

7.02 Q: Is there a bid form?

R: YES, please see Section 00-41-20 in the Project Manual.

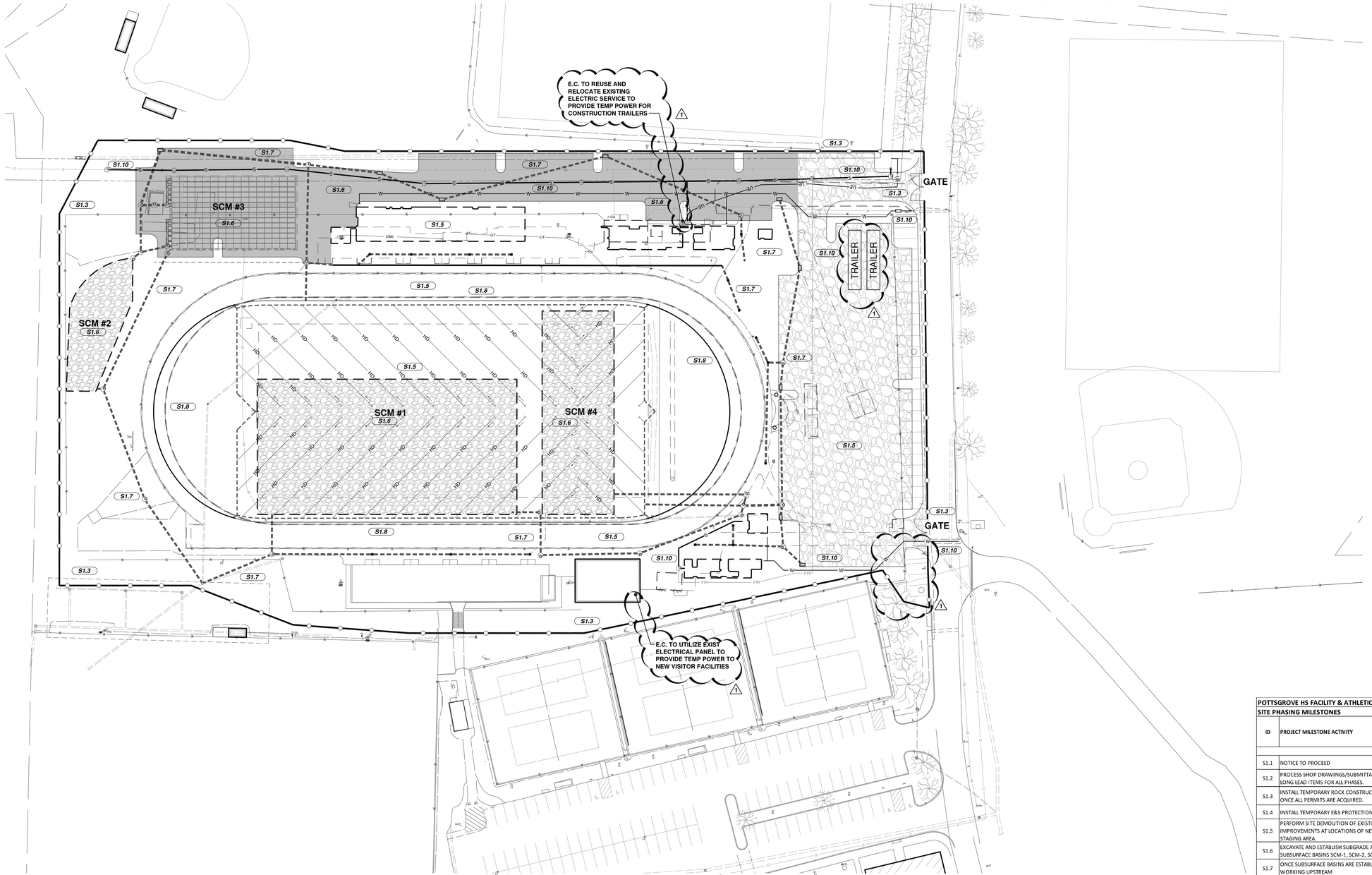
7.03 Q: Are Qualification Statements, Past Experience, and Financial information required with our bid?

R: NO, these items are not required for Work Scope #5.

END OF ADDENDUM NO. 1



Pottsgrove HS
Pre-Bid Meeting
11/2/26 - 10:00 am
1345 Kauffman Road
Pottstown, PA 19464



LEGEND

(XX.XX) PROJECT MILESTONE ID, SEE PROJECT MILESTONE SCHEDULE FOR ACTIVITY DESCRIPTION

TEMPORARY CONSTRUCTION FENCING

SITE PHASING PLAN - PHASE 1

SCALE: 1" = 40'-0"

PROJECT NORTH

GENERAL NOTES: (APPLY TO ALL PHASING DRAWINGS)

1. ALL WORK IN ALL PHASES MUST BE COMPLETED AS NOTED.
2. THE INTENT OF THE PHASING DRAWING IS TO GENERALLY SHOW AREAS AND SEQUENCES OF WORK, INCLUDING CONTRACTOR OCCUPIED AREAS AND STAGING AREAS. PLEASE REFER TO TRADE SPECIFIC DRAWINGS AND PROJECT SPECIFICATIONS FOR THE FULL SCOPE OF WORK INCLUDING ANY ADDITIONAL TEMPORARY CONDITIONS THAT MAY BE REQUIRED TO COMPLETE THE PROJECT.
3. E&S REQUIREMENTS AND PHASING MUST BE COMPLIED WITH AT ALL TIMES AND COMPLETED IN ACCORDANCE WITH THE APPROVED E&S PLANS. REFER TO THE CIVIL ENGINEERING DRAWINGS FOR SPECIFIC REQUIREMENTS AND PHASING.
4. ALL UTILITY SHUT DOWNS MUST BE COORDINATED WITH THE OWNER AND MUST BE CONDUCTED DURING PERIODS WHEN THE BUILDING IS UNOCCUPIED.
5. WHERE FINISH DATES ARE NOTED FOR UTILITY INSTALLATIONS, THESE DATES INDICATE DEADLINES FOR A FULLY OPERATIONAL SYSTEM NOT SIMPLY A CONNECTED UTILITY.
6. EXISTING AND TEMPORARY UTILITIES MUST REMAIN OPERATIONAL UNTIL SUCH TIME THAT NEW UTILITIES ARE FULLY OPERATIONAL THROUGHOUT THE ENTIRE FACILITY.
7. CONSTRUCTION OF PARKING AREAS AND ACCESS DRIVES MUST BE CONDUCTED TO MAINTAIN ACCESS FOR SCHOOL PERSONNEL AND EMERGENCY VEHICLES AT ALL TIMES.
8. 48 HOURS NOTICE MUST BE PROVIDED TO ALL PROPERTY OWNERS, ARCHITECT, CM AND SCHOOL DISTRICT PRIOR TO CONDUCTING ANY OFFSITE UTILITY INSTALLATIONS IN THE SPECIFIED EASEMENTS OR UTILITY SHUT DOWNS.
9. ALL UTILITY TRENCHES ARE TO BE SECURED WITH TEMPORARY FENCING OR FILLED AT THE END OF EACH DAYS WORK.
10. SEE CIVIL DRAWINGS FOR SITE WORK REQUIREMENTS AND DETAILS.
11. GENERAL CONTRACTOR IS RESPONSIBLE FOR RELOCATING THE CONSTRUCTION FENCE WITH EACH PHASE AS INDICATED ON THE PLANS AS WELL AS ANY NECESSARY RELOCATIONS OF FENCE BETWEEN EACH IDENTIFIED CONSTRUCTION PHASE. THE GENERAL CONTRACTOR SHALL COORDINATE EACH FENCE MODIFICATION WITH THE RESIDENT PROJECT ENGINEER PRIOR TO PERFORMING THE WORK.

CONSTRUCTION AREA
AUTHORIZED PERSONNEL ONLY
ALL WORKERS MUST HAVE PROPER ID
FOR SAFETY AND SECURITY REASONS ALL VISITORS AND INSPECTORS MUST SIGN-IN AND SIGN-OUT
PLEASE STOP AT THE D'HUY ENGINEERING SITE OFFICE UPON ENTERING THE PROPERTY

WHITE BASE
BLACK LETTERING TYPICAL

24" x 36" SIGN TO BE PLACED AT ALL GATES.

CONSTRUCTION AREA
CAUTION
NO TRESSPASSING

BLACK LETTERING TYPICAL
SAFETY RED BACKGROUND
WHITE BASE

16" x 20" SIGN TO BE PLACED EVERY 50' MINIMUM ON TEMPORARY CONSTRUCTION FENCE

CONSTRUCTION AREA SIGNS

SCALE: 1" = 1'-0"

SIGN NOTES:

1. SUBMIT SHOP DRAWINGS OF ALL SIGNAGE FOR APPROVAL PRIOR TO MANUFACTURING.
2. MATERIAL: WHITE PAINTED ALUMINUM OR WHITE PLASTIC WITH VINYL WEATHERPROOF LETTERING.
3. ANY SIGNS WHICH BECOME DAMAGED OR MISSING MUST BE REPLACED BY CONTRACTOR AS NEEDED THROUGH EXTENT OF THE PROJECT.
4. SIGNAGE REQUIREMENTS ARE PROVIDED AS A MINIMUM GUIDELINE, CONTRACTOR MUST COMPLY WITH ALL APPLICABLE LAWS, CODES AND SPECIFICATIONS REGARDING SAFETY AND SITE PROTECTION.

POTTSGROVE HS FACILITY & ATHLETIC IMPROVEMENTS - SITE PROJECT MILESTONE SCHEDULE

SITE PHASING MILESTONES		PROJECT MILESTONE DATES	
ID	PROJECT MILESTONE ACTIVITY	START MILESTONE START NO EARLIER THAN	FINISH MILESTONE NO LATER THAN
S1.1	NOTICE TO PROCEED		12/23/2026
S1.2	PROCESS SHOP DRAWINGS/SUBMITTALS BEGIN PROCUREMENT OF MATERIALS REQUIRED IMMEDIATELY AND LONG LEAD ITEMS FOR ALL PHASES.		2/5/2027
S1.3	INSTALL TEMPORARY ROCK CONSTRUCTION ENTRANCE AND CONSTRUCTION FENCING. START WORK ON SITE ONCE ALL PERMITS ARE ACQUIRED.		4/16/2027
S1.4	INSTALL TEMPORARY E&S PROTECTION AND TEMPORARY TREE PROTECTION		4/16/2027
S1.5	PERFORM SITE DEMOLITION OF EXISTING TRACK, ATHLETIC FIELD, BUILDINGS, BLEACHERS AND OTHER SITE IMPROVEMENTS AT LOCATIONS OF NEW SUBSURFACE BASINS AND STAGING AREA. ESTABLISH STONE STAGING AREA.		4/23/2027
S1.6	EXCAVATE AND ESTABUSH SUBGRADE AT NEW SUBSURFACE BASINS AND PARKING LOTS AND INSTALL NEW SUBSURFACE BASINS SCM-1, SCM-2, SCM-3 AND SCM-4		6/7/2027
S1.7	ONCE SUBSURFACE BASINS ARE ESTABUSHED CONTINUE WITH STORMWATER MANAGEMENT INSTALLATON WORKING UPSTREAM		6/21/2027
S1.8	INSTALL TRACK AND FIELD PERIMETER CURB AND TRENCH/SLOT DRAINS		6/25/2027
S1.9	INSTALL SITE FENCING FOUNDATIONS AND POSTS AT TRACK/ATHLETIC FIELD		6/28/2027
S1.10	INSTALL SITE UTILITIES (SANITARY SEWER, WATER AND ELECTRIC)		7/12/2027
S1.11	INSTALL FOUNDATIONS FOR FIELD LIGHTS AND GOAL POSTS		7/12/2027
S1.12	INSTALL SITE RETAINING WALLS		5/20/2027
S1.13	CONTINUE WITH EXISTING SITE FEATURE AND BUILDING DEMOLITION AND EXCAVATE TO SUBGRADE		7/12/2027
S1.14	INSTALL SCOREBOARD		7/12/2027
S1.15	INSTALL TRACK PAVING		7/2/2027
S1.16	INSTALL REMAINING PARKING LOT AND DRIVEWAY CURBS		7/19/2027
S1.17	INSTALL FIELD LIGHTS AND GOAL POSTS		6/30/2027
S1.18	INSTALL NEW CONCRETE SIDEWALKS		8/2/2027
S1.19	INSTALL NEW PAVING AT PARKING LOTS AND DRIVEWAYS		8/16/2027
S1.20	TRACK ASPHALT CURING (MINIMUM 28 CALENDAR DAYS FROM TRACK PAVING INSTALLATION)		7/30/2027
S1.21	INSTALL ATHLETIC FIELD SYNTHETIC TURF		8/1/2027
S1.22	INSTALL JUMPING PITS		8/6/2027
S1.23	TRACK & ATHLETIC FIELD INSPECTIONS AND TESTING		8/24/2027
S1.24	INSTALL PAVING LINE STRIPING AND SITE SIGNAGE		8/27/2027
S1.25	FINAL INSPECTIONS AND TESTING ALL SITE IMPROVEMENTS		8/27/2027
S1.26	INSTALL TRACK SURFACING		8/17/2027
S1.27	ATHLETIC FIELDS AND WALKWAYS EAST SIDE OF SCHOOL LANE		9/7/2027
S1.28	TRACK CURING (MINIMUM 7 CALENDAR DAYS FROM DATE OF TRACK SURFACE INSTALLATION)		8/24/2027
S1.29	INSTALL TRACK STRIPING		8/27/2027
S1.30	SUBSTANTIAL COMPLETION - SITE		8/27/2027
S1.31	SUBSTANTIAL COMPLETION - CONCESSIONS / RESTROOM BUILDINGS		8/27/2027
S1.32	SUBSTANTIAL COMPLETION - FACILITIES BUILDINGS		9/30/2027
S1.33	FINAL COMPLETION		10/29/2027

NOTES:

1. SEE DRAWING PH-S2 FOR BUILDING PROJECT MILESTONE SCHEDULE AND ADDITIONAL SITE PHASING MILESTONE ID's.

CMTA
A LEEDICE Company
1400 N. Providence Rd.; Building 2; Suite 4025
Media, PA 19063
T 610-424-4172
PM: Mike.Hartney@cmta.com

POTTSGROVE SCHOOL DISTRICT
POTTSGROVE HIGH SCHOOL FACILITY & ATHLETIC IMPROVEMENTS
1345 KAUFFMAN ROAD
MONTGOMERY COUNTY; LOWER POTTSGROVE TWP.; POTTSTOWN, PA 19464

SITE PHASING PLAN - PHASE 1

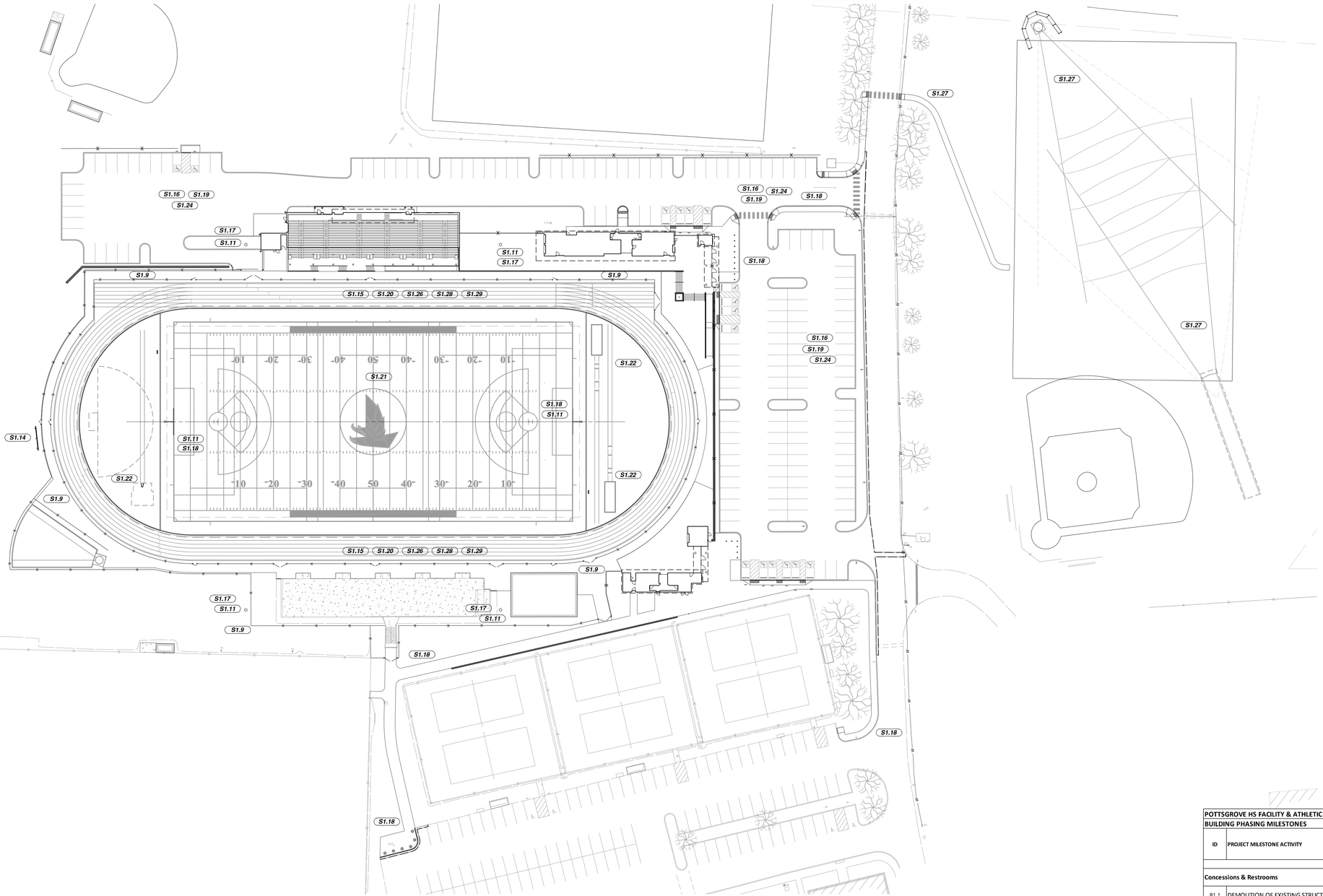
REVISIONS
1 - 10/30/26 ADD #1

DATE: 10/19/26
DRAWN: Wm.A.N.
CHECKED: SK
CMTA #: S25009

SET NO.

DRAWING NUMBER:

PH-S1



SITE PHASING PLAN - PHASE 2
SCALE: 1" = 40'-0"

PROJECT NORTH

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POTTSGROVE HS FACILITY & ATHLETIC IMPROVEMENTS - BUILDING PROJECT MILESTONE SCHEDULE

BUILDING PHASING MILESTONES		PROJECT MILESTONE DATES	
ID	PROJECT MILESTONE ACTIVITY	START MILESTONE START NO EARLIER THAN	PROJECT MILESTONE FINISH NO LATER THAN
Concessions & Restrooms			
B1.1	DEMOLITION OF EXISTING STRUCTURES		3/25/2027
B1.2	INSTALL FOUNDATIONS AND FOOTERS		5/20/2027
B1.3	INSTALL BUILDING STRUCTURE		5/27/2027
B1.4	INSTALL ROOF AND STRUCTURE		6/4/2027
B1.5	COMPLETE M.E.P. ROUGH INS		6/25/2027
1 B1.6	COMPLETE PERMANENT POWER		7/1/2026
B1.7	INSTALL FIXTURES AND FINISHES		7/30/2027
B1.8	SUBSTANTIAL COMPLETION		8/9/2027
New Bleachers & Pressbox			
B1.7	DEMOLITION OF EXISTING BLEACHERS		3/25/2027
B1.8	DEMOLITION OF EXISTING FOUNDATIONS AND INSTALLATION OF NEW FOUNDATIONS		5/21/2027
B1.9	INSTALL NEW BLEACHERS AND PRESS BOX		7/30/2027
B1.10	COMPLETE PRESS BOX FINISHES		8/6/2027
B1.11	SUBSTANTIAL COMPLETION		8/16/2027
Facilities Space Under New Bleachers			
B1.12	INSTALL FOUNDATIONS AND FOOTERS		4/29/2027
B1.13	INSTALL BUILDING STRUCTURE		6/4/2027
B1.14	INSTALL ROOF AND STRUCTURE		7/2/2027
B1.15	COMPLETE M.E.P. ROUGH INS		9/7/2027
1 B1.16	COMPLETE PERMANENT MECHANICAL SYSTEM IN ADMINISTRATION		9/15/2026
B1.17	INSTALL FIXTURES AND FINISHES		9/25/2027
B1.18	SUBSTANTIAL COMPLETION		9/30/2027

NOTES:

1. SEE DRAWING PH-S1 FOR SITE PROJECT MILESTONE SCHEDULE AND ADDITIONAL SITE PHASING MILESTONE ID's.

CMTA
A LEIDOS Company
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PM: Scott.Kennedy@cmta.com

POTTSGROVE SCHOOL DISTRICT
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1345 KAUFFMAN ROAD
MONTGOMERY COUNTY; LOWER POTTSGROVE TWP.; POTTSTOWN, PA 19464

SITE PHASING PLAN - PHASE 2

REVISIONS
1 10/30/26 ADD #1

DATE: 10/19/26
DRAWN: Wm.A.N.
CHECKED: SK
CMTA #: S25009

SET NO.

DRAWING NUMBER:

PH-S2

POTTSGROVE HIGH SCHOOL FACILITY AND ATHLETIC IMPROVEMENTS

POTTSGROVE SCHOOL DISTRICT

1345 KAUFFMAN RD, POTTSTOWN, PA 19464

BID SET - 10.21.2026

BID ALTERNATES:
REFERENCE SPECIFICATION SECTION 01 23 00 FOR ALL BID ALTERNATES AND DESCRIPTIONS.

DRAWINGS NOTE "SUBJECT TO ALTERNATE " - COORDINATE SCOPE CHANGE WITH SPECIFICATIONS.

SITE LOCATION MAP: N.T.S.



OWNER

POTTSGROVE SCHOOL DISTRICT
1345 KAUFFMAN RD,
POTTSTOWN, PA 19464
TEL: 610-327-2277
WEB: PGSD.ORG

CONTACT: CASEY BLANKENBILLER
EMAIL: CBLANKENBILLER@PGSD.ORG

CONSTRUCTION REPRESENTATIVE

CMTA
1400 N PROVIDENCE RD BUILDING 2, SUITE 4025
MEDIA, PA 19063
TEL: 610-424-4172
WEB: CMTA.COM

CONTACT: SCOTT KENNEDY
EMAIL: SCOTT.KENNEDY@CMTA.COM

ARCHITECT

GKO ARCHITECTS
300 BROOKSIDE AVE.
AMBLER YARDS - BLDG. 18 - SUITE 150
TEL: 215-646-2003
WWW.GKOARCHITECTS.COM

CONTACT: JOE MESSMER
EMAIL: JOE@GKOARCHITECTS.COM

MECHANICAL, PLUMBING & ELECTRICAL ENGINEER

CMTA
1400 N PROVIDENCE RD BUILDING 2, SUITE 4025
MEDIA, PA 19063
TEL: 610-424-4172
WEB: CMTA.COM

CONTACT: SCOTT KENNEDY
EMAIL: SCOTT.KENNEDY@CMTA.COM

STRUCTURAL ENGINEER

MSA ENGINEERING, LLC
TEL: 215-527-8122

CONTACT: MICHAEL AUMENT
EMAIL: MAUMENT@VERIZON.NET

CIVIL ENGINEER

K&W ENGINEERS
2201 NORTH FRONT STREET, SUITE 200
HARRISBURG, PA 17110
TEL: 717-635-2835
WEB: KANDWENGINEERS.COM

CONTACT: MARK SINGLEY
EMAIL: MSINGLEY@KANDWENGINEERS.COM

COMMON SYMBOLS & ABBREVIATIONS :

&	AND
∠	ANGLE
@	AT
℄	CENTERLINE
°	DEGREES
Ø	DIAMETER
#	NUMBER
±	PLUS OR MINUS
(A)	ACTIVE LEAF IN PAIR OF DOORS
ABV	ABOVE
ACM	ASBESTOS CONTAINING MATERIAL
IACT / A.C.T.	ACOUSTICAL CEILING TILE (SAME AS "APC")
ADA	AMERICAN W/ DISABILITIES ACT
ADD	ADDITION
ADJ	ADJUSTABLE
ADN / ADDN	ADDENDUM
AFF / A.F.F.	ABOVE FINISH FLOOR
AL / ALUM	ALUMINUM
ANSI	AMERICAN NATIONAL STANDARD INSTITUTE
ALT	ALTERNATE
APC	ACOUSTICAL PANEL CEILING (SAME AS "ACT")
APP	APPROVED
APPROX.	APPROXIMATELY
ARCH	ARCHITECT / ARCHITECTURAL
ASB	ASBESTOS
BLDG	BUILDING
BLK	BLOCK
BM	BEAM
BN	BULLNOSE (CMU BLOCK)
B.O.	BOTTOM OF
BOT.	BOTTOM
B.U.	BUILT-UP
CB	CHALKBOARD
CG	CORNER GUARD
CH	CHANNEL
CHK	CHECK / CHECKED

CJ	CONTROL JOINT
CL	CENTERLINE
CLG / CLNG	CEILING
CLOS	CLOSURE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONST	CONSTRUCTION
CONT	CONTINUOUS
COORD	COORDINATE
CORR	CORRIDOR
CT	COUNTERTOP
CR	CLASSROOM
DET	DETAIL
DEMO	DEMOLITION
DIA / DIAM	DIAMETER
DIM	DIMENSION
DIR	DIRECTOR
DISP	DISPENSER
DN	DOWN
DR	DOOR
DTL	DETAIL
DWG	DRAWING
E	EAST
(E)	EXISTING
EA	EACH
EC / E.C.	ELECTRICAL CONTRACTOR
EL	ELEVATION
ELEC / ELECT	ELECTRICAL
ELEV	ELEVATION
ENCL	ENCLOSURE
EQ	EQUAL
EQUIP	EQUIPMENT
EWC / E.W.C	ELECTRIC WATER COOLER
EX / EXIST	EXISTING
EXP	EXPANSION
EXST	EXISTING
EXT / EXTR	EXTERIOR
FAST	FASTENED
FD	FLOOR DRAIN
FE	FINISHED END OF CASEWORK

FEC	FIRE EXTINGUISHER CABINET
FIN	FINISHED
FL	FLASHING
FLR	FLOOR
F.O.	FACE OF
FT	FEET
F.T.	FULL TILE
GA	GAUGE
GALV	GALVANIZED
GC / G.C.	GENERAL CONTRACTOR
GEN	GENERAL
GL	GLASS OR GLAZING
GR	GRADE
GWB	GYPSUM WALL BOARD
GYP. BD.	GYPSUM WALL BOARD
H	HEIGHT
HC / H.C.	HVAC CONTRACTOR
HM	HOLLOW METAL
HORIZ	HORIZONTAL
H.P.	HIGH POINT
HR	HOUR
HT	HEIGHT
INFO	INFORMATION
INSUL	INSULATION
INT / INTR	INTERIOR
INTERM	INTERMEDIATE
JAN.	JANITOR
JB	JUNCTION BOX
J.C.	JANITOR'S CLOSET
JT	JOINT
K	KIP: 1000 LB
KPL	KICKPLATE
L	LENGTH
LAM	LAMINATED
LAV.	LAVATORY
LB	POUND
LNTL	LINTEL
LOC	LOCATION
L.P.	LOW POINT
LT	LIGHT
LVR	LOUVER
MANUF	MANUFACTURER

MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB	MARKERBOARD
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MEMB	MEMBRANE
MET	METAL
MFGR / MFR	MANUFACTURER
MIN	MINIMUM
MIR	MIRROR / MIRRORED
MO	MASONRY OPENING
MR	MOISTURE RESISTANT
MTD	MOUNTED
MTG	MEETING
MTL	METAL
N	NORTH
NA, N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO.	NUMBER
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIMENSION
OF	OVERFLOW
OH	OPPOSITE HAND
OPG / OPNG	OPENING
OPP	OPPOSITE
ORIG	ORIGINAL
OSHA	OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION
OZ	OUNCE
PARTN	PARTITION
PC / P.C.	PLUMBING CONTRACTOR
PERF.	PERFORATED
PERIM	PERIMETER
PERM	PERMANENT
PERP	PERPENDICULAR
PL	PLATE
PLAM	PLASTIC LAMINATE
PLBG	PLUMBING
PLUMB	PLUMBING
PNL	PANEL
PNT	PAINT
POS	POINT OF SALE TERMINAL

PR	PAIR
PROJ	PROJECT
PT	PAINT
PTD	PAINTED
PTN	PARTITION
QTY	QUANTITY
QUAL	QUALITY
R	RISER
(R)	RELOCATED
RAD	RADIUS
RB	RUBBER BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REC	RECESSED
REQD	REQUIRED
REQTS	REQUIREMENTS
RET	RETURN
RFG	ROOFING
RLG	RAILING
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
RS	ROLLER SHADE
RWL	RAIN WATER LEADER
RWO	ROUGH WALL OPENING
S	SOUTH
SB	SPLASH BLOCK
SC	SOLID CORE
SDL	SADDLE
SECT	SECTION
SIM	SIMILAR
SLP	SLOPE
SLV	SLEEVE
SPEC	SPECIFICATION
SPKLR	SPRINKLER
SQ	SQUARE
SS	STAINLESS STEEL
ST	STORAGE
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
SW	SLAT WALL
T	TOILET
TB	TACK BOARD
TCNA	TILE COUNCIL NORTH AMERICA

TEMP	TEMPERED
TEMP.	TEMPORARY
THK	THICK
TO	TOP OF
TS	TACK STRIP
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VIF	VERIFY IN FIELD
W	WEST
WIDTH	WIDTH
W/	WITH
WCT	WALL CONTROL JOINT
WD	WOOD
WIND / WNDW	WINDOW
WP	WORKING POINT
WR	WATER RESISTANT
WT	WINDOW TREATMENT

DRAWING INDEX:

GENERAL:	
CS	COVER SHEET
PH-S1	SITE PHASING PLAN - PHASE 1
PH-S2	SITE PHASING PLAN - PHASE 2
CIVIL:	
C-001	COVER SHEET
C-002	PCSM SUPPORTING INFORMATION
C-003	E&S SUPPORTING INFORMATION
C-101	OVERALL EXISTING FEATURES PLAN
C-101.1	OVERALL EXISTING FEATURES PLAN
C-101.2	EXISTING FEATURES PLAN
C-101.3	EXISTING FEATURES PLAN
C-102	DEMOLITION PLAN
C-102.1	DEMOLITION PLAN
C-103	SITE LAYOUT PLAN
C-103.1	SITE LAYOUT PLAN
C-104	GRADING PLAN
C-104.1	GRADING PLAN
C-104.2	CURB RAMP ENLARGEMENTS
C-104.3	CURB RAMP ENLARGEMENTS
C-105	OVERALL PCSM PLAN
C-105.1	PCSM PLAN
C-105.2	PCSM PLAN
C-106	UTILITY PLAN
C-106.1	UTILITY PLAN
C-107	LANDSCAPE PLAN
C-107.1	LANDSCAPE PLAN
C-301	STORMWATER PROFILES
C-302	STORMWATER PROFILES
C-303	STORMWATER PROFILES
C-304	STORMWATER PROFILES
C-305	STORMWATER PROFILES
C-401	SANITARY SEWER PROFILES
C-402	SANITARY SEWER PROFILES
C-403	WATERLINE PROFILES
C-501	SITE DETAILS
C-502	SITE DETAILS
C-503	SITE DETAILS
C-504	SITE DETAILS
C-505	UTILITY DETAILS
C-506	UTILITY DETAILS
C-507	TURF & TRACK DETAILS
C-601	PCSM DETAILS
C-602	PCSM DETAILS
C-603	PCSM DETAILS
C-604	PCSM DETAILS
C-605	PCSM DETAILS
C-701	OVERALL E&S PLAN
C-701.1	E&S PLAN
C-701.2	E&S PLAN
C-702	E&S DETAILS
C-703	E&S DETAILS
ARCHITECTURAL:	
A0.1	PARTITION TYPES & TYP. ADA CLEARANCES
A0.2	CODE PLANS
A0.3	SCHEDULES & DETAILS
A2.0	NOT USED
A2.1	UNDER HOME BLEACHER & HOME BLEACHER PLAN
A2.2	CONCESSION, TOILETS, & TICKETING PLANS
A2.3	ROOF PLANS
A2.4	DETAIL PLANS
A3.0	EXTERIOR ELEVATIONS
A3.1	EXTERIOR ELEVATIONS
A4.0	BUILDING SECTIONS
A5.1	INTERIOR ELEVATIONS
A6.0	REFLECTED CEILING PLANS
A7.0	FINISH PLANS, SCHEDULES, DETAILS
A8.1	DETAILS
A8.2	DETAILS
A8.3	DETAILS
STRUCTURAL:	
S-0.1	NOTES & TABLES
S-1.1	FOUNDATION PLAN AREA UNDER BLEACHER
S-1.2	FOUNDATION PLANS CONCESSION, TOILETS & TICKETING
S-2.1	ROOF FRAMING PLAN - AREA UNDER BLEACHER
S-2.2	ROOF PLANS CONCESSION, TOILETS & TICKETING
S-3.1	TYPICAL STRUCTURAL FOUNDATION DETAILS
S-3.2	STRUCTURAL FOUNDATION DETAILS
S-3.3	TYPICAL STRUCTURAL DETAILS
S-3.4	STRUCTURAL FRAMING DETAILS
MECHANICAL:	
M-001	MECHANICAL LEGEND
M-201	MECHANICAL PLAN - HOME SIDE PAVILION
M-202	MECHANICAL PLAN - VISITORS SIDE PAVILION
M-203	MECHANICAL ROOF PLANS
M-300	MECHANICAL DETAILS AND PIPING SCHEMATICS
M-400	MECHANICAL SCHEDULES
FIRE PROTECTION:	
FP-001	FIRE PROTECTION LEGEND
FP-201	FIRE PROTECTION PLAN
FP-301	FIRE PROTECTION DETAILS
FP-302	FIRE PROTECTION DETAILS
PLUMBING:	
P-001	PLUMBING LEGEND
P-002	PLUMBING SCHEDULES AND DETAILS
P-003	PLUMBING SCHEDULES AND DETAILS
P-201	UNDERSLAB PLUMBING PLAN - HOME SIDE PAVILION
P-202	UNDERSLAB PLUMBING PLAN - VISITORS SIDE PAVILION
P-301	PLUMBING PLAN - HOME SIDE PAVILION
P-302	PLUMBING PLAN - VISITORS SIDE PAVILION
P-303	PLUMBING PLAN - ROOF PLAN
P-400	SANITARY AND VENT RISER
ELECTRICAL:	
E-001	ELECTRICAL LEGEND
EU-101	ELECTRICAL SITE UTILITY PLAN - NORTH
EU-102	ELECTRICAL SITE UTILITY PLAN - SOUTH
EU-200	ELECTRICAL SITE PHOTOMETRIC PLAN
E-101	LIGHTING PLAN - HOME SIDE PAVILION
E-102	LIGHTING PLAN - VISITORS SIDE PAVILION
E-201	POWER PLAN - HOME SIDE PAVILION
E-202	POWER PLAN - VISITORS SIDE PAVILION
E-203	ELECTRICAL ROOF PLANS
E-301	FIRE ALARM PLAN - HOME SIDE PAVILION
E-302	FIRE ALARM PLAN - VISITORS SIDE PAVILION
E-401	SYSTEMS PLAN - HOME SIDE PAVILION
E-402	SYSTEMS PLAN - VISITORS SIDE PAVILION
E-500	ELECTRICAL DETAILS
E-501	ELECTRICAL DETAILS
E-600	ONE-LINE DIAGRAM
E-700	ELECTRICAL SCHEDULES
E-800	SYSTEMS ONE-LINE DIAGRAM

POTTSGROVE HS FACILITY & ATHLETIC IMPROVEMENTS - SITE PROJECT MILESTONE SCHEDULE

SITE PHASING MILESTONES		PROJECT MILESTONE DATES	
ID	PROJECT MILESTONE ACTIVITY	START MILESTONE START NO EARLIER THAN	FINISH MILESTONE NO LATER THAN
S1.1	NOTICE TO PROCEED		12/15/2026
S1.2	PROCESS SHOP DRAWINGS/SUBMITTALS BEGIN; PROCUREMENT OF MATERIALS REQUIRED IMMEDIATELY AND LONG LEAD ITEMS FOR ALL PHASES		2/5/2027
S1.3	INSTALL TEMPORARY SOCK CONSTRUCTION ENTRANCE AND CONSTRUCTION FENCING. START WORK ON SITE ONCE ALL PERMITS ARE ACQUIRED.		4/15/2027
S1.4	INSTALL TEMPORARY E&S PROTECTION AND TEMPORARY TREE PROTECTION.		4/15/2027
S1.5	PERFORM SITE DEMOLITION OF EXISTING TRACK, ATHLETIC FIELD, BLEACHERS AND OTHER SITE IMPROVEMENTS AT LOCATIONS OF NEW SUBGRADE BASINS AND GRADING AREA. STRIP TOPSOIL AND STOCKPILE ONSITE.		4/15/2027
S1.6	EXCAVATE AND ESTABLISH SUBGRADE AT NEW SUBGRADE BASINS AND PARKING LOTS AND INSTALL NEW SUBGRADE BASINS (CW-1, SDM-2, SDM-3 AND SDM-4).		6/7/2027
S1.7	ONCE SUBGRADE BASINS ARE ESTABLISHED CONTINUE WITH STORMWATER MANAGEMENT INSTALLATION WORKING UPSTREAM		6/21/2027
S1.8	INSTALL TRACK UNDERDRAINS PERIMETER CURB AND FENCING AT ENDS OF TRACK		6/25/2027
S1.9	INSTALL SITE FENCING FOUNDATIONS AND POSTS AT TRACK/ATHLETIC FIELD		6/28/2027
S1.10	INSTALL SITE UTILITIES (GAS, ELECTRIC, SEWER, WATER AND IT/STRUCTURED CABLING)		7/13/2027
S1.11	INSTALL FOUNDATIONS FOR PITCH LIGHTS AND GOAL POSTS		7/13/2027
S1.12	INSTALL SITE RETAINING WALLS		5/25/2027
S1.13	CONTINUE WITH EXISTING SITE FEATURE AND BUILDING DEMOLITION AND EXCAVATE TO SUBGRADE		7/12/2027
S1.14	INSTALL SCOREBOARD		7/12/2027
S1.15	INSTALL TRACK PAVING		7/2/2027
S1.16	INSTALL REMAINING PARKING LOT AND DRIVEWAY CURBS		7/15/2027
S1.17	INSTALL FIELD LIGHTS AND GOAL POSTS		6/30/2027
S1.18	INSTALL NEW CONCRETE SIDEWALKS		8/2/2027
S1.19	INSTALL NEW PAVING AT PARKING LOTS AND DRIVEWAYS		8/16/2027
S1.20	TRACK ASPHALT CURING (MINIMUM 28 CALENDAR DAYS FROM TRACK PAVING INSTALLATION)		7/30/2027
S1.21	INSTALL ATHLETIC FIELD SYNTHETIC TURF		8/3/2027
S1.22	INSTALL JUMPING PITS		8/6/2027
S1.23	TRACK & ATHLETIC FIELD INSPECTIONS AND TESTING		8/24/2027
S1.24	INSTALL PAVING LINE STRIPING AND SITE SIGNAGE		8/27/2027
S1.25	FINAL INSPECTIONS AND TESTING ALL SITE IMPROVEMENTS		8/27/2027
S1.26	INSTALL TRACK SURFACING		8/17/2027
S1.27	ATHLETIC FIELDS AND WALKWAYS EAST SIDE OF SCHOOL LANE		9/7/2027
S1.28	TRACK CURING (MINIMUM 7 CALENDAR DAYS FROM DATE OF TRACK SURFACE INSTALLATION)		8/24/2027
S1.29	INSTALL TRACK STRIPING		8/27/2027
S1.30	SUBSTANTIAL COMPLETION - SITE		8/27/2027
S1.31	SUBSTANTIAL COMPLETION - CONCESSIONS / RESTROOM BUILDINGS		8/27/2027
S1.32	SUBSTANTIAL COMPLETION - FACILITIES BUILDINGS		9/30/2027
S1.33	FINAL COMPLETION		10/29/2027

POTTSGROVE HS FACILITY & ATHLETIC IMPROVEMENTS - BUILDING PROJECT MILESTONE SCHEDULE

BUILDING PHASING MILESTONES		PROJECT MILESTONE DATES	
ID	PROJECT MILESTONE ACTIVITY	START MILESTONE START NO EARLIER THAN	FINISH MILESTONE FINISH NO LATER THAN
Concessions & Restrooms			
B1.1	DEMOLITION OF EXISTING STRUCTURES		3/25/2027
B1.2	INSTALL FOUNDATIONS AND FOOTERS		5/20/2027
B1.3	INSTALL BUILDING STRUCTURE		5/27/2027
B1.4	INSTALL ROOF AND STRUCTURE		6/4/2027
B1.5	COMPLETE M.E.P. ROUGH INS		6/25/2027
B1.6	COMPLETE PERMANENT POWER		7/1/2026
B1.7	INSTALL FIXTURES AND FINISHES		7/30/2027
B1.8	SUBSTANTIAL COMPLETION		8/9/2027
New Bleachers & Preabox			
B1.7	DEMOLITION OF EXISTING BLEACHERS		3/25/2027
B1.8	DEMOLITION OF EXISTING FOUNDATIONS AND INSTALLATION OF NEW FOUNDATIONS		5/21/2027
B1.9	INSTALL NEW BLEACHERS AND PRESS BOX		7/30/2027
B1.10	COMPLETE PRESS BOX FINISHES		8/6/2027
B1.11	SUBSTANTIAL COMPLETION		8/16/2027
Facilities Space Under New Bleachers			

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REVISIONS	
BID SET	10/21/2026
ADDENDUM 1	10/29/2026
DRAWN BY	
REVIEWED BY	
JOB #	2665

SHEET TITLE

COVER SHEET

SHEET #

CS

SCALE	AS NOTED
DATE	10-29-2026

DRAWING SIZE: 30 X 42

DESCRIPTION	MOUNTING HEIGHT	SYMBOL
LIGHTING CONTROLS		
LIGHT SWITCH: LOW VOLTAGE (WHEN PRESENT, # INDICATES QUANTITY OF CHANNELS)	46"	$ #
LOW VOLTAGE DIMMER SWITCH (WHEN PRESENT, # INDICATES QUANTITY OF CHANNELS)	46"	$ D#
LINE VOLTAGE SWITCH	46"	$ LV
LINE VOLTAGE THREE-WAY, FOUR-WAY SWITCH	46"	$ LV3 $ LV4
LINE VOLTAGE THREE-WAY, FOUR-WAY DIMMER SWITCH	46"	$ LV3D $ LV4D
KEYED SWITCH	46"	$ K
OCCUPANCY OR VACANCY SENSOR SWITCH	46"	$ OS $ VS
OCCUPANCY OR VACANCY SENSOR SWITCH WITH DIMMING	46"	$ DOS
LIGHT SWITCH FOR UNDER-CABINET LIGHTS	46"	$ U
OCCUPANCY OR VACANCY SENSOR, CEILING MOUNT	CLG	OS VS
OCCUPANCY SENSOR, CORNER MOUNT	CLG	OS
DAYLIGHT SENSOR	AS NOTED	DS
PHOTOCELL	AS NOTED	PC
LIGHTING RELAY	AS NOTED	LR
EMERGENCY AUTOMATIC TRANSFER SWITCH FOR LIGHTING CONTROLS (REFER TO DETAIL)	CLG	ES
POWER OUTLETS		
ALL RECEPTACLES IN PROJECT ARE TO BE TAMPER RESISTANT TYPE UNLESS NOTED OTHERWISE ON PLANS		
SIMPLEX RECEPTACLE (WHERE PRESENT, TEXT INDICATES RECEPTACLE TYPE)	1'-6"	
DUPLEX RECEPTACLE	1'-6"	
SLASH THROUGH ANY DEVICE INDICATES MOUNTING ABOVE COUNTERTOP 4" ABOVE BACKSPLASH (WHERE PRESENT, TEXT INDICATES RECEPTACLE TYPE)		
'G' INDICATES INTEGRAL GROUND FAULT PROTECTION (GFCI)	1'-6"	
DEAD FRONT GFCI DEVICE, LABEL AND INSTALL IN READILY ACCESSIBLE LOCATION		
DUPLEX RECEPTACLE WITH TWO INTEGRAL USB CHARGING PORTS	1'-6"	
DUPLEX RECEPTACLE, CEILING MOUNTED	CLG	
QUADRUPLEX RECEPTACLE	1'-6"	
JUNCTION BOX, CEILING OR WALL		
VOLTAGE/2 POLE RECEPTACLE, TEXT INDICATES NEMA TYPE	1'-6"	
VOLTAGE/3 POLE RECEPTACLE, TEXT INDICATES NEMA TYPE	1'-6"	
'T' INDICATES SAFETY TYPE, TAMPER RESISTANT OUTLET(S)		
GROUND FAULT PROTECTED DUPLEX WITH WEATHER-PROOF "WHILE IN USE" TYPE DIE-CAST METAL COVERPLATE WITH LOCKABLE ENCLOSURE AT OUTLET - SEE SPECIFICATIONS	2'-2"	WP
DUPLEX FOR ELECTRIC WATER COOLER: COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR TO CONCEAL OUTLET BEHIND COOLER, PROVIDE READILY ACCESSIBLE GFI DEVICE AT 18" ADJACENT TO WATER COOLER		EWC
BOX ON ANY DEVICE INDICATES SURFACE MOUNTED BACKBOX/WIREMOLD		
CIRCLE ON ANY DEVICE INDICATES DEVICE FED FROM STUB UP CONDUIT		
FIRE ALARM		
MAIN CONTROL PANEL CENTRAL PROCESSING UNIT (CPU)	6'-6" TO TOP	FACP
POWER SUPPLY/CONTROL FOR AUDIO/VISUAL DEVICES	46"	VAC
POST INDICATOR VALVE		PIV
PULL STATION : DOUBLE ACTION	46" TO LEVER	F
AUDIO/VISUAL NOTIFICATION APPLIANCE	WALL, CLG	F V
AUDIO-ONLY NOTIFICATION APPLIANCE	WALL, CLG	F A
VISUAL-ONLY NOTIFICATION APPLIANCE	WALL, CLG	F V
PHOTO-ELECTRIC SMOKE DETECTOR	CLG	SD
HEAT DETECTOR	CLG	HD
CARBON MONOXIDE DUCT DETECTOR	ABOVE CEILING	CD
CARBON MONOXIDE ALARM: SINGLE STATION W/SOUNDER BASE	CLG	CO
CARBON MONOXIDE AUDIO/VISUAL NOTIFICATION APPLIANCE	WALL	F CM
DUCT SMOKE DETECTOR	ABV CLG	DD
CONNECTION TO SPRINKLER FLOW SWITCH WITH ADDRESSABLE MODULE		FS
CONNECTION TO SPRINKLER TAMPER SWITCH WITH ADDRESSABLE MODULE		TS
PRESSURE SWITCH		PS
ISOLATION MODULE	WALL	I
ZONE ADDRESSABLE MODULE		Z
H.V.A.C. SMOKE DAMPER CONNECTION		SD
FLUSH MOUNTED REMOTE ALARM INDICATING STATION/TEST SWITCH	7'-6"	RI
FIREMAN'S PHONE JACK	4'-6"	FPJ
FIREMAN'S KNOX BOX CONNECTION		KB
ADDRESSABLE RELAY MODULE		R
INDICATES VANDAL-PROOF POLYCARBONATE COVER, VANDAL PROOF COVERS SHALL BE UL LISTED FOR USE WITH THE SPECIFIC DEVICE THEY ARE PROTECTING		VR
INDICATES CHIME AUDIBLE NOTIFICATION		CH
DEVICE USED FOR ELEVATOR CONTROL		EL

DESCRIPTION	MOUNTING HEIGHT	SYMBOL
LIGHTING FIXTURES AND EQUIPMENT		
REFER TO LUMINAIRE SCHEDULE FOR EXACT FIXTURE SPECIFICATIONS, MOUNTING HEIGHTS, ETC.		
SURFACE OR SUSPENDED CEILING FIXTURE		
RECESSED CEILING FIXTURE		
POLE MOUNTED AREA LIGHT WITH CONCRETE BASE		
LIGHTED BOLLARD WITH CONCRETE BASE		
EMERGENCY BATTERY WALL-PACK		
WALL MOUNT FIXTURE		
TRACK COMPLETE WITH POWER SUPPLIES AND FIXTURE HEADS		
FLOODLIGHT		
EXIT LIGHT (CEILING, END, WALL MOUNT) WITH OR WITHOUT DIRECTIONAL ARROWS, WITH OR WITHOUT EGRESS HEADS		
STRIP FIXTURE		
CROSS-HATCHING INDICATES LIGHT IS POWERED FROM THE EMERGENCY-CRITICAL BRANCH		
PARALLEL-HATCHING INDICATES LIGHT IS POWERED FROM THE EMERGENCY-LIFE SAFETY BRANCH		
REMOTE LIGHT FIXTURE DRIVER	AS NOTED	RD
REMOTE BATTERY BACKUP	AS NOTED	RB
CENTRAL BATTERY INVERTER	AS NOTED	INV
MISCELLANEOUS		
CONDUIT CONCEALED IN WALLS OR IN CEILING SPACE: ARROW(S) INDICATE(S) HOME RUN & # OF CIRCUITS: HASHMARKS INDICATE # OF CONDUCTORS.		PHASE NEUTRAL GROUND #"
NON-REVERSING MOTOR STARTER SNAP SWITCH	AS NOTED	$ M
HAND-OFF-AUTO 3-POSTION SWITCH	46"	$ HOA
DISCONNECT SWITCH	5'-0"	
MAGNETIC STARTER	5'-0"	
MAGNETIC COMBINATION STARTER	5'-0"	
VARIABLE FREQUENCY DRIVE	5'-0"	
ENCLOSED FLUSH MTD. CIRCUIT BREAKER	5'-0"	
MUSHROOM SWITCH	46"	
PUSHBUTTON STATION WITH 1, 2, OR 3 BUTTONS.	46"	
PANELBOARD, SURFACE OR FLUSH MOUNTED, HATCHING INDICATES EMERGENCY	6'-6" TO TOP	
TRANSFORMER	AS NOTED	
EQUIPMENT HARDWIRE CONNECTION (SEE DETAIL)		
MOTOR CONNECTION, REFER TO EQUIPMENT CONNECTION SCHEDULE		
PLUMBING FIXTURE SOLENOID VALVE/ELECTRIC EYE SENSOR CONNECTION. COORDINATE EXACT CONNECTION REQUIREMENTS WITH MANUFACTURER.		
PLUMBING FIXTURE ELECTRIC EYE TRANSFORMER CONNECTION. TRANSFORMER SHALL BE 120V-24V. MOUNT ABOVE SUSPENDED ACCESSIBLE CEILING IN J-BOX. PROVIDE ADDITIONAL TRANSFORMERS OF SAME TYPE AS/IF NEEDED		
PROVIDE CONNECTION TO HAND DRYER (SEE ARCHITECTURAL SPECIFICATIONS)	VERIFY WITH ARCHITECT	
SURGE PROTECTION DEVICE (SURFACE OR FLUSH MOUNTED)		SPD
CONDUIT UP		
CONDUIT DOWN		
FLEXIBLE CONDUIT		
GROUND BUS BAR ON INSULATED STANDOFFS	2'-0"	
BUS DUCT, AMPERAGES AS NOTED	AS SHOWN	
WIREWAY WITH REMOVABLE COVER (SIZE AS NOTED)	AS SHOWN	
TRENCH DUCT (SIZE AS NOTED)	AS SHOWN	
WIRE BASKET CABLE TRAY, SIZE AS NOTED	AS SHOWN	
LADDER CABLE TRAY, SIZE AS NOTED	AS SHOWN	
SOLID BOTTOM CABLE TRAY, SIZE AS NOTED	AS SHOWN	
J-HOOK PATHWAY		
EQUIPMENT TAG, REFER TO EQUIPMENT SCHEDULE		EQUIP-#
MECHANICAL EQUIPMENT DESIGNATOR (SEE MECH. SCHEDULES)		EQUIP-#
TAGGED NOTE		
REVISION TAG		
KITCHEN EQUIPMENT ID TAG		
TYPICAL ROOM CIRCUITING TAG, PROVIDES PANEL AND CIRCUIT NUMBER FOR TYPICAL CIRCUIT DENOTED BY "(X)" AS SHOWN IN THE REFERENCED LAYOUT.		PNL-CKT# (X)

ABBREVIATIONS	
UNLESS OTHERWISE NOTED	UON
OWNER FURNISHED CONTRACTOR INSTALLED	OFCI
OWNER FURNISHED OWNER INSTALLED	OFOI
CONTRACTOR FURNISHED CONTRACTOR INSTALLED	CFCI
CONTRACTOR FURNISHED OWNER INSTALLED	CFOI
INDICATES EMERGENCY POWER	EM
WIREGUARD - PROVIDE MANUFACTURER'S SPECIFIC GUARD FOR DEVICE NOTED	WG
WEATHERPROOF - NEMA-3R, WET LOCATION LISTED. PROVIDE COVERS, RATINGS, ETC, AS SUITABLE FOR OUTDOORS.	WP
EXPLOSION PROOF - PROVIDE WIRING METHODS, ENCLOSURES, RATINGS, ETC. AS SUITABLE FOR HAZARDOUS LOCATION.	XP
REFRIGERATOR	REF
FREEZER	FRZ
PRINTER	PNT
ICE MAKER	ICE
MICROWAVE	MW
COFFEE MAKER	COF
AUTOMATIC DOOR OPENER	ADO

LINETYPE LEGEND	
	EXISTING
	DEMOLISHED
	NEW

DESCRIPTION	MOUNTING HEIGHT	SYMBOL
SPECIAL OUTLETS		
FLOORBOX, WIREMOLD RFB-4, 2 DATA DROPS AND ONE QUAD OUTLET, WITH PASS-THROUGH FACEPLATE FOR FUTURE AV	FLOOR	FBT
POKE-THRU, AS SCHEDULED	FLOOR	PW
WALLBOX, AS SCHEDULED	WALL	WBT
AUDIO/VISUAL SYSTEM OUTLET WITH DUPLEX RECEPTACLE, REFER TO ASSOCIATED DETAIL FOR ADDITIONAL INFORMATION	1'-6"	AV
COMBINATION POWER AND DATA OUTLET LOCATION, REFER TO ASSOCIATED DETAIL FOR ADDITIONAL INFORMATION	1'-6"	
OVERHEAD PROJECTOR: PROVIDE DUPLEX RECEPTACLE, ONE DATA, HDMI, 3.5mm AUDIO, AND VGA OUTLET ON SYLPLATES	CLG	
SPECIAL VIDEO SYSTEM SIGNAL INPUT		-NA-
POWER POLE AS NOTED		PP
AV SYSTEMS		
PROJECTOR WITH MOUNT (CEILING OR WALL AS INDICATED)	REFER TO DRAWINGS	P
LOCAL SOUND SPEAKER: CEILING	CLG	LS
WIRELESS MICROPHONE ANTENNA	CLG	MI
LOCAL SOUND SPEAKER: WALL	REFER TO SPECS.	LS
MICROPHONE INPUT: # INDICATES NUMBER OF INPUTS (MOUNTING PER DRAWINGS)	1'-6", CLG	M
WIRELESS MICROPHONE ANTENNA, WALL MOUNT	REFER TO SPECS.	MI
AV INPUT (OR OUTPUT) WALL PLATE. REFER TO DRAWINGS AND SPECIFICATIONS FOR TYPE AND QUANTITY OF CONNECTIONS.	1'-6"	AV
BLUETOOTH INPUT MODULE	1'-6"	BT
AV TOUCHSCREEN CONTROL STATION	46"	TC
LOCAL SOUND SYSTEM HEADEND	REFER TO SPECS.	LS

DESCRIPTION	MOUNTING HEIGHT	SYMBOL
SECURITY ACCESS CONTROL		
ALL CONNECTIONS SHOWN UNDER 'SECURITY ACCESS CONTROL BELOW' ARE INFRASTRUCTURE ONLY. CONTRACTOR SHALL PROVIDE CONDUIT/ PATHWAYS AS SHOWN ON DETAIL 4, SHEET E-501.		
DOOR POSITION SWITCH	DOOR FRAME	DP
MAGNETIC LOCK(S)	ABV DOOR	ML
ELECTRIC LOCKSET	AT LATCH	EL
DOOR DELAYED EGRESS/ELECTRIFIED PANIC MECHANISM	ABV DOOR	DE
ELECTRIC STRIKE	AT LATCH	ES
DOOR RELEASE PUSH-PLATE / INFRA-RED OPERATOR STATION. PROVIDE ANY ADDITIONAL ROUGH-IN FOR "EMERGENCY RELEASE" OPERATOR STATIONS AS REQUIRED.	46"	RP
DOOR RELEASE KEYSWITCH STATION	6'-0"	KS
DOOR RELEASE KEYPAD STATION	46"	KP
DOOR RELEASE PROXIMITY READER STATION. PROVIDE ANY ADDITIONAL ROUGH-IN FOR "EMERGENCY RELEASE" OPERATOR STATIONS AS REQUIRED.	46"	PR
SAME AS "PR" EXCEPT MULLION MOUNT	46"	PR M
MOTION SENSOR DOOR CONTROL	CLG	MS
PUSH-TO-EXIT BUTTON	46"	PE
REMOTE DOOR RELEASE PUSH-BUTTON	8" ACT	RB
RECESSED JUNCTION BOX	SEE DRAWINGS	JB
ACCESS CONTROL HEADEND	5'-0"	SDC4
SECURITY CCTV VIDEO SURVEILLANCE		
FOR ALL CCTV CAMERAS: CONTRACTOR SHALL PROVIDE ONE CATEGORY 6 CABLE IN 1" CONDUIT. FOR RECESSED AREAS, TERMINATE IN BISCUIT BOX ABOVE CEILING WITH 20' SPARE CABLING. FOR EXTERIOR CAMERAS, PROVIDE CONDUIT STUB THROUGH WALL WITH 20' SPARE COIL OF CABLING INSIDE BUILDING. FOR EXPOSED AREAS, PROVIDE ALL CABLING IN CONDUIT.	SEE DRAWINGS	
CCTV CAMERA: CEILING MOUNT DOME (TEXT INDICATES TYPE) REFER TO SCHEDULE FOR TYPES	CLG	###
CCTV CAMERA: WALL MOUNT DOME (TEXT INDICATES TYPE) REFER TO SCHEDULE FOR TYPES	WALL	C1
INDICATES EXTERIOR CAMERA RATED FOR CONDITIONS, WET LOCATION LISTED, WITH AUXILLARY HEATER		WP
INDICATES CAMERA WITH PAN/TILT/ZOOM FUNCTION		PTZ
DATA / VOICE		
DATA OUTLET : NUMBER BESIDE OUTLET INDICATES NUMBER OF DATA JACKS. NO NUMBER INDICATES 1 JACK.	1'-6"	2D
VOICE OUTLET : NUMBER BESIDE OUTLET INDICATES NUMBER OF VOICE JACKS. NO NUMBER INDICATES 1 JACK.	1'-6"	
COMBINATION OUTLET : NUMBER BESIDE OUTLET INDICATES NUMBER OF DATA/VOICE JACKS	1'-6"	2D/1V
SLASH THROUGH ANY DEVICE INDICATES MOUNTING ABOVE COUNTERTOP 4" ABOVE BACKSPLASH		
OUTLET (VOICE ONLY) : PAY/PHONE TYPE	AS REQ'D.	PAY
DATA RACK: TWO POST. REFER TO COMMUNICATIONS RISERS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.		
DATA RACK: FOUR POST. REFER TO COMMUNICATIONS RISERS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.		
TELECOMMUNICATIONS SYSTEM BACKBOARD. PROVIDE 96"H x 3/4"D FIRE-RETARDENT PLYWOOD BACKBOARD WITH TWO (2) COATS OF NON-CONDUCTIVE, FIRE-RETARDANT LIGHT GRAY PAINT, #3/0 TO GROUND BAR AT MAIN SERVICE SWITCHBOARD, 30-PT GROUND BAR AND A 6'-0", #3 AWG PIGTAIL AT BACKBOARD. INSTALL BOARD AT 2' AFF. (LENGTH OF BOARD AS INDICATED ON FLOOR PLAN)		
WIRELESS ACCESS POINT OUTLET. FOR RECESSED AREAS, TERMINATE IN BISCUIT BOX ABOVE CEILING WITH 20' SPARE CABLING. FOR EXTERIOR LOCATIONS, PROVIDE CONDUIT STUB THROUGH WALL WITH 20' SPARE COIL OF CABLING INSIDE BUILDING. FOR EXPOSED AREAS, PROVIDE ALL CABLING IN CONDUIT.	CEILING WALL	WAP WAP

Technology Responsibility Matrix

Division 27

System	System Manuf.	Cabling, Wire & Termin. Furnisher	Conduit & Boxes Furnisher	Equip Provider	Equip Installer	Notes
		Responsibility (**I**A=Architect, **EC**=Contractor, **O**=Owner)				
Phones						
Hardware		NA	NA	O	O	
VOIP Cabling		EC	EC	NA	NA	
VOIP Fire Alarm		EC	EC	EC	EC	
IT						
Network Switches		NA		O	O	
WAP		NA	NA	O	O	
Patch Cables		EC	EC	NA	NA	
Fiber Patch Cables		EC	EC	NA	NA	
Patch Panels		EC	EC	EC	EC	
Data Cabling & Jacks		EC	EC	EC	EC	
Exterior Building Fiber		EC	EC	EC	EC	
Fiber between MDF/IDF		EC	EC	EC	EC	
MDF/IDF Racks		EC	EC	EC	EC	
Ladder Racking		EC	EC	EC	EC	
ISP Service		NA	NA	NA	NA	
Displays (interactive, digital)						
Conference Room Wall Monitor		EC	EC	O	O	
Stadium Sound Sysyem						
Speakers, Racks, Equipment		O	EC	O	O	
Scoreboard		EC	EC	O	O	

Division 28

System	System Manuf.	Cabling, Wire & Termin. Furnisher	Conduit & Boxes Furnisher	Equip Provider	Equip Installer	Notes
		Responsibility (**I**A=Architect, **EC**=Contractor, **O**=Owner)				
Door Access						
Power Supplies		O	EC	O	O	
Door Hardware, Electric Strikes, etc.		O	EC	O	O	
Door Position Switches		O	EC	O	O	
Card Readers		O	EC	O	O	
REX (Request to Exit)		O	EC	O	O	
ADA Door PB's		EC	EC	O	O	
Head End and Remote Panels		O	EC	O	O	
Surveillance						
Cameras and Monitors		EC	EC	O	O	
System Setup, VMS Software		NA	NA	O	O	

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ELECTRICAL GENERAL NOTES

A EACH CONTRACTOR, PROPOSER, SUPPLIER AND/OR MANUFACTURER SHALL REFER TO ALL DOCUMENTS PERTAINING TO THIS PROJECT AND COORDINATE ACCORDINGLY SO AS TO ENSURE ADEQUACY OF FIT, COMPLIANCE WITH SPECIFICATIONS, PROPER VOLTAGE AND CURRENT CHARACTERISTICS TO AVOID CONFLICT WITH ANY OTHER BUILDINGS SYSTEMS. VERIFY SAME WITH SHOP DRAWINGS.

B ADDITIONAL ELECTRICAL REQUIREMENTS MAY BE SHOWN ON PLANS FROM OTHER DISCIPLINES IN THIS SET. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL PLANS AND SPECIFICATIONS FOR A COMPLETE UNDERSTANDING OF THE PROJECT REQUIREMENTS.

C WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ALL LOCAL, STATE, AND NATIONAL CODES. INCLUDING BUT NOT LIMITED TO NFPA 70 (NEC), NFPA 72, INTERNATIONAL BUILDING CODES, ETC.

D CONTRACTOR SHALL FOLLOW SEISMIC RESTRAINT AND DESIGN REQUIREMENTS CONTAINED IN LATEST ADOPTED STATE AND INTERNATIONAL BUILDING CODES, WITH ALL AMENDMENTS AS ADOPTED BY THE CURRENT LEGISLATION. REFER TO ELECTRICAL AND STRUCTURAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

E ALL OFFSETS, TURNS, FITTINGS, TRIM, DETAIL, ETC. MAY NOT BE INDICATED, BUT SHALL BE PROVIDED AS REQUIRED. ADDITIONAL ALLOWANCES SHALL BE INCLUDED FOR SAME AT EACH PROPOSER'S DISCRETION.

F INSTALL NO PIPING, CONDUIT, DUCTWORK, ETC. IN A LOCATION OR IN A MANNER WHICH WILL ALLOW FREEZING OR THE COLLECTION OF CONDENSATION THEREON. IF IN DOUBT, CONTACT THE ENGINEER.

G ADVISE THE ENGINEER OF ANY CONFLICTS, ERRORS, OMISSIONS, ETC. AT LEAST TEN DAYS PRIOR TO BID DATE, TO ALLOW CLARIFICATION BY WRITTEN ADDENDUM.

H WHERE CONFLICTS ARE FOUND BETWEEN DRAWINGS, DETAILS, OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL APPLY. NOTIFY ARCHITECT OF DISCREPANCY IN WRITING.

I DEVIATION FROM SPECIFICATIONS OR PLANS REQUIRES PRIOR WRITTEN APPROVAL FROM THE ENGINEERS AND MUST BE SUBMITTED IN WRITING NO LATER THAN TEN DAYS PRIOR TO THE BID DATE.

J OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS THAT MAY APPLY TO THE WORK UNDER THIS CONTRACT. (CITY, COUNTY, LOCAL, STATE, FEDERAL, MUNICIPALITY, UTILITY COMPANY, OSHA, ETC.).

K MOUNTING HEIGHTS FOR WALL MOUNTED DEVICES INDICATED ABOVE FINISHED FLOOR ARE TO CENTER OF DEVICE UON. MOUNTING HEIGHTS TO CEILING SUSPENDED DEVICES ARE TO BOTTOM OF DEVICE UON.

L INSTALL EQUIPMENT, MATERIALS, ETC. IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND DIRECTIONS. IF IN CONFLICT WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS, ADVISE THE ENGINEER PRIOR TO INSTALLATION FOR CLARIFICATION.

M DO NOT RECESS PANELBOARD TUBS OR OTHER FLUSH-MOUNTED EQUIPMENT IN WALLS THAT HAVE A FIRE RATING. NO INSTALLATION SHALL DIMINISH OR VOID FIRE RESISTIVE RATINGS IN ANYWAY.

N THE PURPOSE AND INTENT OF ALL OF THE DOCUMENTS PERTAINING TO THIS PROJECT IS TO PROVIDE A COMPLETE, FUNCTIONAL, SAFE, LIKE-NEW FACILITY. ANYTHING LESS SHALL BE UNACCEPTABLE.

O ALL SYSTEMS, EQUIPMENT AND MATERIALS ARE TO BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. WORK NOT MEETING THIS CRITERION SHALL BE REMOVED AND REINSTALLED SATISFACTORILY. FINAL DETERMINATION OF THE ACCEPTABILITY OF THE QUALITY OF WORK RESIDES WITH THE ENGINEER

P ALL WORK, MATERIALS, EQUIPMENT, ETC. SHALL BE FULLY GUARANTEED FOR ONE FULL CALENDAR YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION AS DOCUMENTED BY THE ENGINEER, UNLESS LONGER WARRANTY PERIODS FOR EQUIPMENT ARE SPECIFIED.

Q UNLESS OTHERWISE SPECIFIED OR INDICATED, ALL EQUIPMENT AND/OR MATERIALS WITHIN OCCUPIED SPACES OR EXPOSED TO VIEW ON THE BUILDING EXTERIOR SHALL BE PRIMED AND FINISHED SO AS TO COMPLEMENT ADJACENT SURFACE, UNLESS OTHERWISE NOTED. COORDINATE WORK AND COLORS WITH ARCHITECT.

R WHERE PENETRATING ROOFING MEMBRANE OR OTHER MATERIALS USED FOR WEATHERPROOFING THE BUILDING, MAKE SUCH PENETRATION IN A WAY THAT WILL NOT VOID OR DIMINISH THE ROOFING WARRANTY OR INTEGRITY IN ANYWAY. COORDINATE ALL SUCH PENETRATIONS WITH THE ROOFING MANUFACTURER AND ARCHITECT.

S THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY COMPANY FEES, CASH CONTRIBUTIONS OR OTHER COSTS THAT THE UTILITY COMPANY MAY REQUIRE TO COMPLETE THEIR WORK. (ELECTRIC, TELEPHONE, TELEVISION, DATA, ETC.).

T COORDINATE WITH ARCHITECTURAL FLOOR PLANS, ELEVATIONS AND CASEWORK DETAILS FOR LOCATION OF ADDITIONAL RECEPTACLES, UTILITY OUTLETS, ELECTRICAL DEVICES, ETC.

U CEILING-MOUNTED ELECTRICAL DEVICES SHALL BE CENTERED IN 2'X2' CEILING TILE AND INSTALLED CENTERED ON 2' DIMENSION OF 2'X4' TILE AND ON CENTERLINE OR A QUARTER POINT ON 4' DIMENSION.

V ANY VIBRATING, OSCILLATING OR OTHER NOISE OR MOTION PRODUCING EQUIPMENT SHALL BE ISOLATED FROM SURROUNDING SYSTEMS IN AN APPROVED MANNER. NOISY OR STRUCTURALLY DAMAGING INSTALLATIONS SHALL BE SATISFACTORILY REPLACED OR REPAIRED AT THE INSTALLING CONTRACTORS' EXPENSE. THE FINAL DECISION ON THE SUITABILITY OF A PARTICULAR INSTALLATION'S ACCEPTABILITY SHALL BE THAT OF THE ENGINEER.

W CHECK ALL THREE PHASE MOTORS WITH A PHASE ROTATION METER, PRIOR TO PLACING IN SERVICE.

X PROVIDE DETAILED SHOP DRAWINGS TO ENGINEER PRIOR TO PURCHASING OR INSTALLING ANY EQUIPMENT

Y DEVIATIONS IN SIZES, CAPACITIES, FIT, FINISH, ETC. FOR EQUIPMENT FROM THAT PRIME SPECIFIED SHALL BE THE RESPONSIBILITY OF THE PURCHASER OF THAT EQUIPMENT, ANY PROVISIONS REQUIRED TO ACCOMMODATE A DEVIATION, WHETHER APPROVED BY THE ENGINEER OR NOT, SHALL BE THE RESPONSIBILITY OF THE PURCHASER.

Z THE CONSTRUCTION MANAGER, GENERAL CONTRACTOR, OR WHOMEVER HOLDS THE PRIME CONTRACT(S) FOR THIS CONSTRUCTION IS RESPONSIBLE FOR THE COORDINATION, APPEARANCE, SCHEDULING AND TIMELINESS OF THE WORK OF ALL TRADES, CONTRACTORS, SUPPLIERS, INSTALLERS, ETC. POOR OR UNTIMELY WORK ON THE PART OF ANY SUBCONTRACTOR SHALL BE RESOLVED BY THE PARTY WHO ENGAGED THEM ON THIS PROJECT.

AA WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR ARE IN CONFLICT WITH ANY OTHER BUILDING SYSTEM, CONTACT THE ENGINEER BEFORE AFFECTING INSTALLATION. REFER ALSO TO ARCHITECTURAL INTERIOR AND EXTERIOR ELEVATIONS, CEILING HEIGHTS AND OTHER DETAILS OF THESE DOCUMENTS, AS APPLICABLE.

AB WHERE FIRE-RATED CEILING ASSEMBLIES ARE NOTED, PROVIDE UL-LISTED FIRE-RATED GYPSUM BOARD OR PRE-MANUFACTURED ENCLOSURES ABOVE LUMINAIRES, CEILING DEVICES, ETC. IN OR ON CEILING, AS REQUIRED TO MAINTAIN CEILING RATINGS.

AC COORDINATE THE LOCATION OF DRAINS, ELECTRICAL OUTLETS, GAS OUTLETS, ETC. WITH ALL CASEWORK, KITCHEN EQUIPMENT, MECHANICAL ROOM EQUIPMENT, ETC. PRIOR TO COMMENCING INSTALLATION. WORK NOT SO COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE RESPONSIBLE CONTRACTOR(S).

AD ALL ELECTRICAL COMPONENTS OR EQUIPMENT SHALL BE LISTED AND LABELED BY UNDERWRITER'S LABORATORIES OR OTHER APPROVED LISTING AGENCY. APPROVAL AND LABELING OF INDIVIDUAL COMPONENTS ON AN ASSEMBLY IS NOT ACCEPTABLE AS MEETING THIS REQUIREMENT, UNLESS WAIVED BY THE ENGINEER IN WRITING.

AE ALL WIRING SYSTEMS SHALL BE INSTALLED WITH A MINIMUM OF SPLICES. CONDUCTORS, WHETHER SINGLE OR MULTI-PAIR, SHALL BE INSTALLED CONTINUOUS INSOFAR AS POSSIBLE FROM TERMINAL POINT TO TERMINAL POINT.

AF NO CONDUIT, SUPPORTS, ETC. SHALL BE RUN THROUGH ACCESS CLEARANCES OF EQUIPMENT BY OTHER TRADES (I.E. VAV BOXES). COORDINATE WITH ALL TRADES PRIOR TO CONSTRUCTION.

AG ALL CONTRACTORS SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO ENSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE OR SUB-SERVICE FOR SAFETY PURPOSES. PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. VERIFY THE LOCATION, SIZE, TYPE, ETC. OF EACH UNDERGROUND OR OVERHEAD UTILITY. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL FEDERAL, STATE AND/OR LOCAL RULES, REGULATIONS, STANDARD AND SAFETY REQUIREMENTS. UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE MUNICIPALITY OR UTILITY COMPANY STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY.

AH ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE UNIQUE, DIRECTLY FROM THE BUILDING STRUCTURE. DO NOT SUPPORT WORK FROM OTHER TRADES EQUIPMENT OR SUPPORTS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER AND CONSENT OF THE OTHER TRADE, IN WRITING.

AI WHERE INTERRUPTING AN EXISTING UTILITY OR SERVICE DELIBERATELY OR ACCIDENTALLY, THE RESPONSIBLE CONTRACTOR SHALL WORK CONTINUOUSLY AS NEEDED TO RESTORE SAME, PROVIDING PREMIUM TIME AS NEEDED.

AJ REFER TO ARCHITECTURAL WALL ELEVATIONS (WHERE GIVEN) FOR HEIGHTS AND MOUNTING RELATIONSHIP OF OUTLETS AND EQUIPMENT. IF IN DOUBT, CONTACT ENGINEER FOR DIRECTION PRIOR TO ROUGH IN.

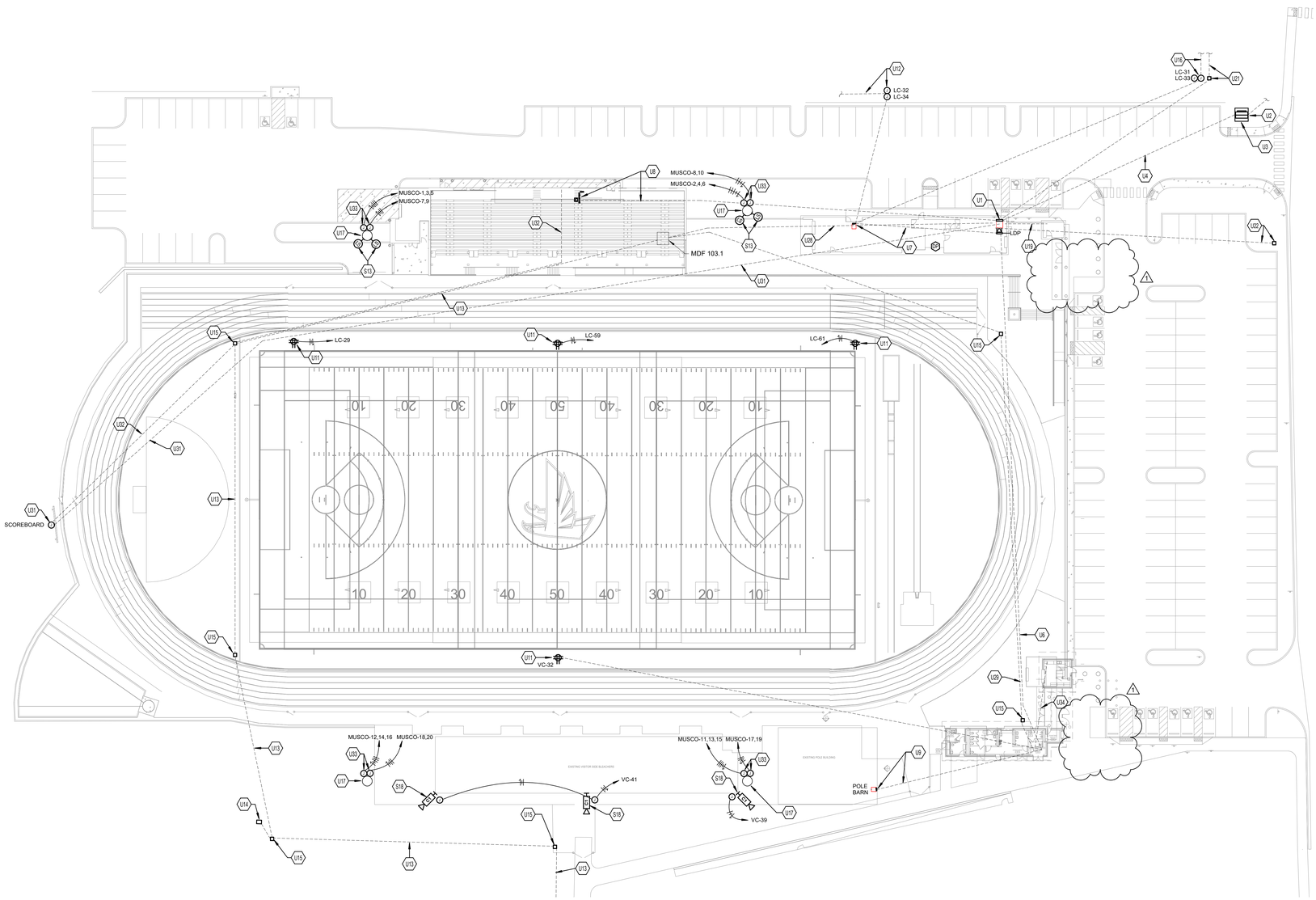
AK FLUSH OR PEDESTAL TYPE FLOOR OUTLETS/BOXES, AS INDICATED ON PLAN, SHALL BE LOCATED BY DIMENSIONS PROVIDED BY THE ARCHITECT, UNLESS OTHERWISE SHOWN ON PLANS. IF IN DOUBT, CONTACT THE ENGINEER PRIOR TO ROUGHING-IN ANY WORK.

AL AS APPLICABLE, REFER TO ARCHITECTURAL PHASING PLANS AND PHASING BOUNDARIES ON THESE DRAWINGS FOR SEQUENCING OF WORK, FULL EXTENT OF AREAS INVOLVED, EXTENT OF CEILING WORK, ETC. PROVIDE TEMPORARY CONNECTIONS FOR CIRCUITS AND WORK AS REQUIRED TO MAINTAIN SEQUENCE OF THE WORK FROM PHASE TO PHASE.

AM THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR HIS WORK. ALL CUTTING AND PATCHING SHALL BE IN ACCORDANCE WITH THE ARCHITECT'S STANDARDS FOR SUCH WORK.

AN ALL WORK SHALL BE CONCEALED UNLESS SPECIFICALLY INDICATED TO BE EXPOSED, OR REQUIRED TO BE EXPOSED. IF IN DOUBT, CONTACT THE ENGINEER FOR CLARIFICATIONS PRIOR TO INSTALLING ANY SUCH WORK.

AO INTERRUPTION OF ANY EXISTING SERVICES SHALL BE COORDINATED WITH THE OWNER, GENERAL CONTRACTOR, UTILITY COMPANY AS NECESSARY, AND THE ARCHITECT, AT LEAST TWO WEEKS IN ADVANCE OF ANTICIPATED INTERRUPTION. A SCHEDULE FOR THESE OUTAGES SHALL BE DEVELOPED AND AGREED UPON BETWEEN THE PARTIES MENTIONED TO AVOID UNNECESSARY INCONVENIENCE TO THE OWNER OR ANY AFFECTED PARTY. NOT



ELECTRICAL SITE NOTES

A DO NOT SCALE FROM MECHANICAL AND ELECTRICAL DRAWINGS. FIELD VERIFY REQUIRED DIMENSIONS AND COORDINATE WITH CIVIL DRAWINGS AND SURVEYS.

B REFER ALSO TO ALL OTHER PLANS AND THE SPECIFICATION, BUT ESPECIALLY TO: THE SITE SURVEY, THE ARCHITECTURAL SITE PLAN, THE SITE GRADING PLAN, THE PLANTING PLAN (WHERE AVAILABLE), FOUNDATION PLAN(S), APPROPRIATE MECHANICAL & ELECTRICAL FLOOR PLANS FOR SERVICE CONTINUATIONS, THE SITE UTILITY PLAN - MECHANICAL & ELECTRICAL. WHERE THERE ARE CONFLICTS AMONG THESE PLANS AND/OR RELATED SPECIFICATIONS, ADVISE THESE ENGINEERS AT LEAST TEN DAYS PRIOR TO SUBMISSION OF BIDS.

C ALL FEES AND ANY OTHER COSTS TO UTILITY COMPANIES, MUNICIPALITIES, INSPECTORS, REVIEWING AGENCIES, ETC. ARE TO BE INCLUDED AS A PART OF THIS CONTRACT.

D FEDERAL, STATE, LOCAL, MUNICIPALITY AND UTILITY COMPANY CODES, RULES, REGULATIONS AND REQUIREMENTS APPLY UNLESS EXCEEDED BY THIS DESIGN.

E WHEN INTERRUPTION OF AN EXISTING UTILITY OR SERVICE IS PLANNED OR OCCURS ACCIDENTALLY, THE CONTRACTOR(S) SHALL WORK CONTINUOUSLY AS NEEDED TO RESTORE SAME PROVIDING PREMIUM TIME AS NEEDED AT NO INCREASE IN THE CONTRACT PRICE.

F LOCATIONS, DEPTHS, MATERIAL TYPES, ELEVATIONS, ETC. OF ALL APPURTENANCES, LINES, BUILDINGS, ETC. INDICATED ON THESE DRAWINGS WERE TAKEN FROM VARIOUS SOURCES, ARE DIAGRAMMATIC ONLY AND ARE SUBJECT TO SUBSTANTIAL VARIATION FROM EXISTING CONDITIONS, EXISTING UTILITIES LOCATIONS MAY VARY. CONSEQUENTLY ALL CONTRACTORS SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO ENSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE. FOR SAFETY PURPOSES, PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL FEDERAL, STATE, AND/OR LOCAL RULES, REGULATIONS, STANDARDS AND SAFETY REQUIREMENTS.

G PROVIDE LONG RADIUS ELBOWS FOR UNDERGROUND CONDUIT BENDS. WHERE SERVING A UTILITY OWNED TRANSFORMER, THE UTILTY STANDARDS SHALL TAKE PRECEDENCE.

H UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE MUNICIPALITY OR UTILITY COMPANY STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY. IF ANY VARIATION OCCURS, CONSULT THE ENGINEER. CONTRACTOR SHALL VISIT THE SITE AND FIELD VERIFY THE ROUTING OF ALL UTILITIES NEW AND EXISTING PRIOR TO SUBMISSION OF BIDS. SUBMISSION OF A BID PROPOSAL INDICATES THAT THE CONTRACTOR IS FULLY AWARE OF ALL OBSTRUCTIONS AND WILL INSTALL ALL OF THE NEW UTILITIES WITHOUT REQUESTS FOR ANY ADDITIONAL CHANGES.

I PROVIDE GALVANIZED RIGID CONDUIT FOR EXTERIOR UNDERGROUND TRANSITIONS TO ABOVE GRADE; EXTEND CONDUIT A MINIMUM OF 6" ABOVE GRADE.

J CONTRACTOR SHALL PERFORM A SMOKE TEST ON ALL CONDUITS INSTALLED ON SITE AND SHALL TAKE ALL NECESSARY CORRECTIVE ACTION IF NOT FOUND IN COMPLIANCE WITH FACILITY STANDARDS.

K CONTRACTOR SHALL CONTACT ENGINEER FOR INSPECTION OF TRENCHES PRIOR TO INSTALLATION OF CONDUITS OR RACEWAYS. PROVIDE PHOTOS UPON REQUEST.

L CONTRACTOR SHALL CUT AND PATCH ALL PAVEMENT, CURBING, ETC. AS REQUIRED FOR WORK. CONTRACTOR SHALL REPAIR ALL LANDSCAPING THAT IS DAMAGED FOR WORK. FINISH GRADE, SEED AND STRAW ALL DISTURBED GREEN SPACES. ALL PATCH AND REPAIR WORK SHALL BE IN ACCORDANCE WITH BOTH CIVIL AND LANDSCAPE DRAWINGS AND SPECIFICATIONS.

M COORDINATE UNDERGROUND ELECTRICAL WITH ALL LANDSCAPING AND FENCING, ADJUST ELECTRICAL LINES TO AVOID CONFLICTS. REFER TO LANDSCAPING PLANS FOR FURTHER INFORMATION. AVOID ROUTING UNDERGROUND CONDUITS UNDER ROADWAYS OR PARKING LOTS, CROSS ROADWAYS WITH UNDERGROUND CONDUITS AT 90 ANGLES WHERE POSSIBLE.

N PLANNED INTERRUPTION OF ANY SERVICE SHALL BE COORDINATED WITH THE APPROPRIATE MUNICIPALITY OR UTILITY COMPANY, THE ARCHITECT, AND THE BUILDING OPERATORS AT LEASTE ONE WEEK IN ADVANCE OF ANTICIPATED INTERRUPTION. A SCHEDULE FOR THESE OUTAGES SHALL BE DEVELOPED AND AGREED UPON BETWEEN THE PARTIES MENTIONED TO AVOID UNNECESSARY INCONVENIENCE TO THE OWNER OR ANY AFFECTED PARTY. NOTIFY THE UTILITY COMPANY OF ANY ANTICIPATED SERVICES REQUIRED FROM THEM AT LEAST TWO WEEKS IN ADVANCE IN WRITING AND INSURE THAT THEY DO NOT DELAY WORK.

O THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE DRAWINGS ARE APPROXIMATE ONLY.

P THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY EXCAVATION WORK REQUIRED TO LOCATE UNDERGROUND UTILITIES. THE CONTRACTOR IS ALSO REQUIRED TO NOTIFY ANY OTHER AFFECTED UTILITY OWNERS PRIOR TO DIGGING. IN THE EVENT OF ACCIDENTAL INTERRUPTION OF SERVICE, CONTRACTOR WILL IMMEDIATELY NOTIFY THE OTHER UTILITY OWNERS.

Q THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD OTHER EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE OTHER UTILITIES. THE UTILITY WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT.

R CONTRACTOR SHALL PAY ALL TAP FEES, UTILITY COST, UTILITY CONNECTION COSTS, METER FEES, EXTENSION AND DEVELOPMENT CHARGES. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

S THE UTILITY WILL PROVIDE STAKING DATA INCLUDING NORTHING AND EASTING DATA AS REQUIRED OR SHOWN ON DRAWINGS.

T REATTACH ALL TAPS AND TRANSFORMERS AS TO MAINTAIN EXISTING PHASE CONNECTIONS.

U CONTRACTOR RESPONSIBLE FOR MAINTAINING DOWNSTREAM SERVICE FROM REMOVED EQUIPMENT ON SITE, INCLUDING BUT NOT LIMITED TO SITE LIGHTING, TRANSFORMERS, ETC.

V WHEN DEMOLITION OF AN ELECTRICAL DEVICE (OR CIRCUIT) IS INDICATED ON THE DRAWINGS: THE CONTRACTOR SHALL ENSURE THAT OTHER DEVICES OR EQUIPMENT "UPSTREAM" OR "DOWNSTREAM" ON THE CIRCUITS SHALL REMAIN IN "PRE-DEMOLITION" WORKING ORDER. "LEFT-OVER" CIRCUIT BREAKERS SHALL REMAIN, BE SWITCHED TO OFF POSITION, AND BE LABELED AS SPARES IN THEIR PANELS. PROVIDE NEW TYPEWRITTEN DIRECTORIES FOR ALL PANELS AFFECTED.

W REMOVE ALL ASSOCIATED BACKBOXES, CONDUIT AND CONDUCTORS FOR DEVICES/FIXTURES/ETC. BEING REMOVED (BACK TO SOURCE), WHETHER INDICATED OR NOT (UON).

X COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. (INDICATED FOR DEMOLITION) WITH OWNER. TURN OVER ITEMS REMOVED TO OWNER AT THEIR OPTION.

Y COORDINATE WITH OTHER TRADES FOR THE REMOVAL AND/OR RELOCATION OF ELECTRICAL DEVICES AND CONNECTIONS ASSOCIATED WITH THEIR EQUIPMENT.

TAGGED NOTES

S13 SOUND SYSTEM SPEAKERS TO BE MOUNTED VIA STRAP SYSTEM TO POLE IN LOCATIONS SHOWN AT 45' AFG. SPEAKERS ARE FURNISHED AND INSTALLED BY OTHERS. CONTRACTOR SHALL PROVIDE 1.5" CONDUIT WITH PULL WIRE FROM SOUND SYSTEM RACK IN MDF 103.1 AND ROUTE INTO LIGHT POLE.

S18 SITE CAMERA BY OTHERS. PROVIDE 120V POWER AT EACH LOCATION AS INDICATED. PROVIDE ONE 6 STRAND SINGLE MODE FIBER OPTIC CABLE TO ELEC RM 212 AND TERMINATE IN CCTV RACK. PROVIDE FIBER OPTIC ENCLOSURE AT CAMERA LOCATION TO TERMINATE FIBER OPTIC CABLING.

U1 600A 480/277V, 3PH, 4W MAIN DISTRIBUTION PANEL. REFER TO ONELINE FOR ADDITIONAL INFORMATION.

U2 PROVIDE PRIMARY TO UTILITY TRANSFORMER PER PECO'S REQUIREMENTS.

U3 UTILITY TRANSFORMER PER PECO'S STANDARDS. COORDINATE SERVICE SHUTDOWNS AND CONNECTIONS WITH UTILITY AND OWNER PRIOR TO WORK.

U4 PROVIDE SERVICE SECONDARY FROM SERVICE TRANSFORMER TO 600A 480/277V, 3PH, 4W MAIN DISTRIBUTION PANEL. COORDINATE ALL SHUTDOWNS AND WORK WITH PECO AND OWNER. REFER TO ONELINE FOR ADDITIONAL INFORMATION.

U6 PROVIDE FEED TO VISITOR SIDE CONCESSION PANEL. REFER TO ONELINE FOR ADDITIONAL INFORMATION.

U7 PROVIDE FEED TO HOME SIDE CONCESSION PANEL. REFER TO ONELINE FOR ADDITIONAL INFORMATION.

U8 PROVIDE FEED TO OFFICE PANEL. REFER TO ONELINE FOR ADDITIONAL INFORMATION.

U9 PROVIDE FEED TO EXISTING POLE BARN PANEL. REFER TO ONELINE FOR ADDITIONAL INFORMATION.

U11 PROVIDE COMBOX CBIT-1830 WITH SYNTHETIC TURF INFILL. MOUNT DUPLEX RECEPTACLE INSIDE BOX IN ACCESSIBLE LOCATION.

U12 MAINTAIN EXISTING HANDHOLE THAT FEEDS EXISTING SCOREBOARD AND ASSOCIATED RECEPTACLES FOR BASEBALL FIELD. INTERCEPT AND EXTEND EXISTING FEEDER AND REROUTE TO PANEL INDICATED.

U13 PROVIDE 4" CONDUIT WITH 6 CELL FABRIC MESH INNERDUCTS AND ROUTE ONE 24 STRAND FIBER OPTIC CABLE FROM SCHOOL TERMINATION POINT TO MDF 103.1 LOCATED IN HOME SIDE BELOW BLEACHERS. COORDINATE ROUTING WITH OWNER FROM MDP LOCATED WITHIN HIGH SCHOOL. REFER TO NOTE U18.

U14 BID ALTERNATE: PROVIDE 12 STRAND SINGLE MODE FIBER OPTIC CABLE TO SOCCER FIELD PRESSBOX. PROVIDE WALL MOUNTED CABINET IN PRESSBOX. REFER TO SPECIFICATIONS FOR REQUIREMENTS. ASSUME 50' ADDITIONAL DISTANCE TO PRESSBOX. CONDUIT SHALL BE ROUTED INTO PRESSBOX AND TERMAINTED IN FIBER OPTIC PATCH PANEL IN WALL MOUNTED CABINET. PROVIDE 120V OUTLET FROM PRESSBOX POWER PANEL TO AND MOUNT AT RACK LOCATION.

U15 PROVIDE 24"X24"X24" DEEP HANDHOLE FOR TELECOM FEEDS.

U16 MAINTAIN EXISTING HANDHOLE THAT FEEDS EXISTING BASEBALL BACKSTOP AND BATTING CAGE RECEPTACLES FOR BASEBALL FIELD. INTERCEPT AND EXTEND EXISTING FEEDER AND REROUTE TO PANEL INDICATED.

U17 APPROXIMATE LOCATION OF MUSCO STADIUM POLE LIGHTS. REFER TO MUSCO DRAWINGS FOR ADDITIONAL INFORMATION.

U19 PROVIDE 4" CONDUIT WITH 12 STRAND SINGLE MODE FIBER OPTIC CABLE FROM CONCESSIONS BUILDING MECH ROOM 201 TO TICKET BOOTH WALL RACK.

U21 PROVIDE HANDHOLE AND 4" CONDUIT TO EXISTING BASEBALL BACKSTOP FOR BASEBALL FIELD TELECOM FEED.

U22 PROVIDE 4" CONDUIT WITH 12 STRAND SINGLE MODE FIBER OPTIC CABLE FROM RESTROOM BUILDING ELEC RM 212 TO CONCESSION 211 WALL RACK.

U28 PROVIDE 4" CONDUIT WITH 12 STRAND SINGLE MODE FIBER OPTIC CABLE TO CONCESSIONS BUILDING MECH ROOM 201 FROM MDF 103.1 LOCATED IN HOME SIDE BELOW BLEACHERS.

U29 PROVIDE 4" CONDUIT WITH 12 STRAND SINGLE MODE FIBER OPTIC CABLE TO RESTROOM BUILDING 212 FROM MDF 103.1 LOCATED IN HOME SIDE BELOW BLEACHERS.

U31 PROVIDE 3#2, 1#4G IN 1.5"C FROM DISTRIBUTION PANEL HDP FOR SCOREBOARD.

U32 PROVIDE 6 STRAND SINGLE MODE FIBER OPTIC CABLE BETWEEN SCOREBOARD AND PRESS BOX BUILDING. IN PRESS BOX, ROUTE FIBER AND CONDUIT TO SOUND RACK AND TERMINATE IN OWNER PROVIDED SOUND CABINET. PROVIDE ALL TERMINATIONS AT SCOREBOARD.

U33 POWER FOR MUSCO FOOTBALL AND POLE ACCENT LIGHTING. REFER TO MUSCO DRAWINGS FOR ADDITIONAL INFORMATION.

U34 PROVIDE 4" CONDUIT WITH 12 STRAND SINGLE MODE FIBER OPTIC CABLE FROM ELEC 212 TO CONCESSION 211.

1 SITE UTILITY PLAN - NORTH

SCALE: 1" = 30'-0"

0 15' 30' 60' 90' 120'

BEFORE YOU DIG

THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL CONTACT "BUD (BEFORE YOU DIG)" AT 1-800-752-6007 TO OBTAIN UNDERGROUND UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION. ANY CONTRACTOR OR SUBCONTRACTOR PERFORMING ANY TYPE OF EXCAVATION ON THIS PROJECT SHALL CALL "BUD" TO OBTAIN AN AUTHORIZATION NUMBER.

UTILITY COMPANY CONTACTS

POWER
EXELON
WO#: 21124609 RICHARD LANG 610.310.9980

IT IS THE CONTRACTORS RESPONSIBILITY TO MEET ALL LOCAL ORDINANCE AND MUNICIPAL REQUIREMENTS RELATED TO UTILITY INSTALLATION, INSPECTIONS, MATERIALS, FEES, ETC.

STAMP

CONSULTANTS

CMTA
A LEGENCE Company

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GKO ARCHITECTS

POTTSGROVE HIGH SCHOOL FACILITY AND ATHLETIC IMPROVEMENTS

1345 KAUFFMAN RD, POTTSTOWN, PA 19464

REVISIONS	
BID SET	10/21/2026

DRAWN BY	TRR
REVIEWED BY	RC
JOB #	2665

SHEET TITLE

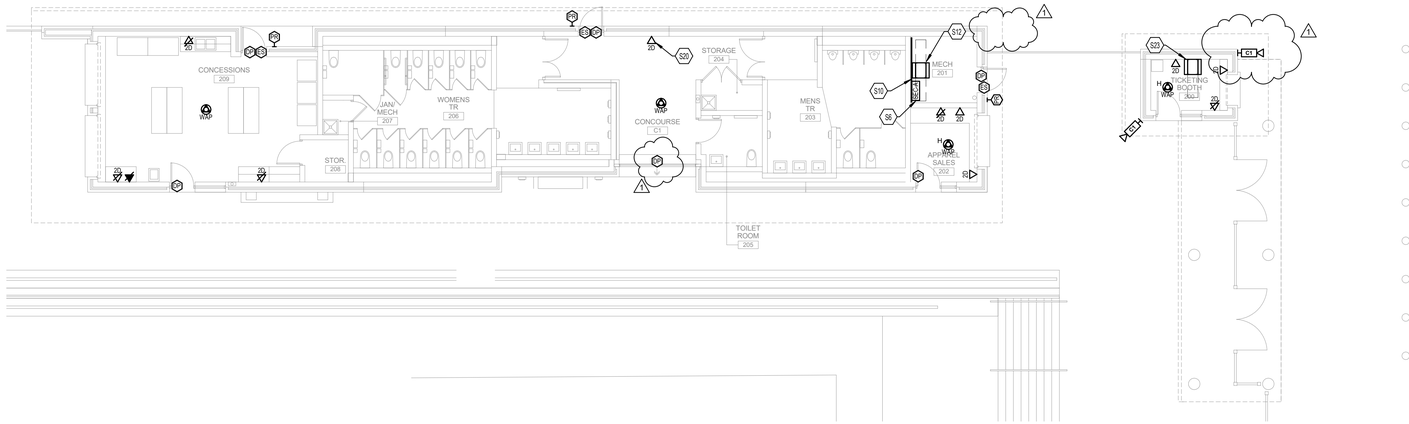
ELECTRICAL SITE UTILITY PLAN - NORTH

SHEET #

EU-101

SCALE	AS NOTED
DATE	10-21-2026

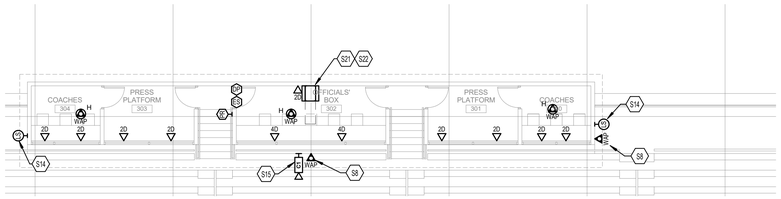
DRAWING SIZE: 30 X 42



SYSTEMS PLAN - HOME SIDE CONCESSIONS AND RESTROOM BUILDING

1 SCALE: 1/8" = 1'-0"

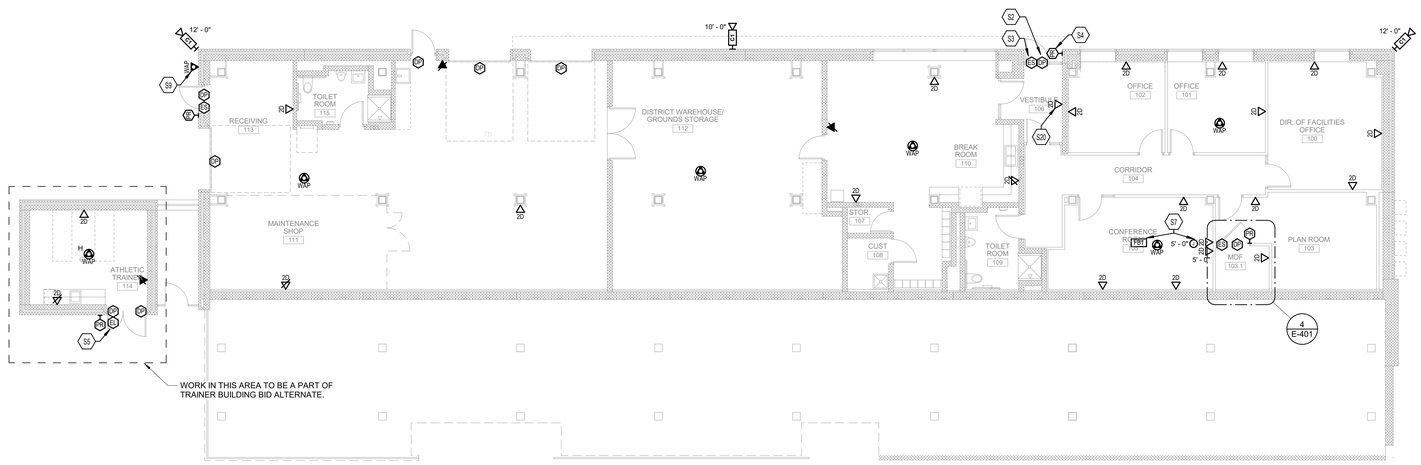
0 2' 4' 8' 16' 24' 32'



SYSTEMS PLAN - HOME SIDE BLEACHERS COACHES BOX

2 SCALE: 1/8" = 1'-0"

0 2' 4' 8' 16' 24' 32'



SYSTEMS PLAN - HOME SIDE UNDER BLEACHERS

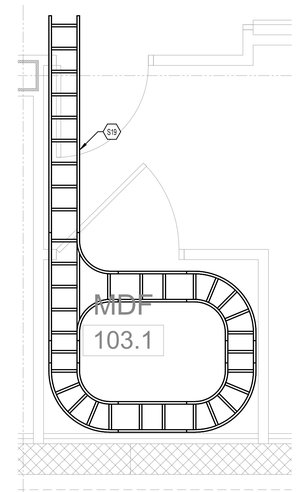
3 SCALE: 1/8" = 1'-0"

0 2' 4' 8' 16' 24' 32'

TAGGED NOTES

##

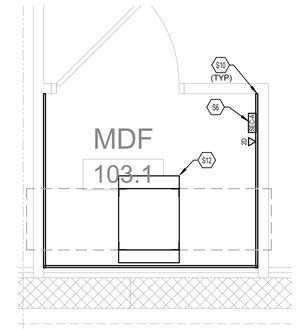
- S2 PROVIDE DOOR POSITION AT THIS LOCATION. (TYPICAL)
- S3 PROVIDE ELECTRIC STRIKE AT THIS LOCATION. (TYPICAL)
- S4 PROVIDE PROXIMITY READER AT THIS LOCATION. (TYPICAL)
- S5 PROVIDE ELECTRIC LATCH AT THIS LOCATION. (TYPICAL)
- S6 ACCESS CONTROL PANEL LOCATION. PANEL WILL BE PROVIDED AND INSTALLED BY OTHERS. PROVIDE CONDUIT AND JUNCTION BOX INFRASTRUCTURE TO ALL DOOR LOCATIONS AS NOTED ON PLANS AND LEGEND.
- S7 PROVIDE 1.5" CONDUIT FOR FUTURE AV CABLING BETWEEN FLOORBOX AND WALL MONITOR.
- S8 ROUTE CONDUIT OUT AT 12" BELOW ROOF LEVEL FOR OUTDOOR WAP. PROVIDE CONDUIT STUB-OUT AT LOCATION INDICATED AND COIL UP 15' OR SPARE CATEGORY CABLING ABOVE CEILING IN BUILDING.
- S9 ROUTE CONDUIT OUT AT 9' AFF FOR OUTDOOR WAP. PROVIDE CONDUIT STUB-OUT AT LOCATION INDICATED AND COIL UP 15' OR SPARE CATEGORY CABLING ABOVE CEILING IN BUILDING.
- S10 PROVIDE FIRE RETARDANT BACKBOARD IN LOCATION SHOWN. REFER TO SPECIFICATION FOR ADDITIONAL REQUIREMENTS.
- S12 PROVIDE FLOOR MOUNTED 4 POST DATA RACK. REFER TO SPECIFICATIONS AND SYSTEMS RISER DIAGRAM FOR REQUIREMENTS.
- S14 SOUND SYSTEM SPEAKERS TO BE MOUNTED TO ROOF OF PRESSBOX. SPEAKERS ARE FURNISHED AND INSTALLED BY OTHERS. CONTRACTOR TO PROVIDE CONDUIT STUB-OUTS ON SIDE WALL BELOW ROOF LEVEL FOR FUTURE CABLING. FROM STUB-OUT LOCATION, PROVIDE 1.5" CONDUIT FROM EACH LOCATION TO SOUND SYSTEM RACK IN PRESS BOX.
- S15 PROVIDE 1" CONDUIT STUB OUT FOR CAMERA AT 12" BELOW ROOF LEVEL. COIL UP 25' OF CATEGORY CABLING ABOVE CEILING INSIDE BUILDING.
- S19 INSTALL 12' LADDER RACK CABLE TRAY TO CORRIDOR. ONCE IN CORRIDOR, CABLING MAY BE ROUTED IN J-HOOKS WHERE CONCEALED ABOVE CEILING OR IN CONDUITS WHERE EXPOSED.
- S20 PROVIDE DATA CONNECTION FOR FACP. COORDINATE FINAL LOCATION WITH FACP INSTALLER. DATA TO BE CONCEALED IN FACP, NOT SEPARATE FACEPLATE.
- S21 SOUND SYSTEM RACK TO BE PROVIDED AND INSTALLED BY OTHERS. PROVIDE SOUND SYSTEM CONDUITS NOTED ON PLAN TO THIS LOCATION AND STUB UP IN FLOOR.
- S22 ROUTE 6 STRAND SINGLE MODE FIBER OPTIC CABLE FROM MDF TO SOUND SYSTEM RACK. TERMINATE FIBER IN OWNER PROVIDED RACK. REFER TO SYSTEMS ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATIION.
- S23 PROVIDE WALL MOUNTED RACK ENCLOSURE TRIPPLITE SMART RACK 15 RU SRW15US. IN RACK PROVIDE 6 STRAND FIBER OPTIC PATCH PANEL, CATEGORY CABLING PATCH PANEL FOR TICKETING BOOTH OUTLETS, AND SEPARATE COPPER PATCH PANEL FOR ASSOCIATED CCTV CABLING PATCH PANELS. PROVIDE 6 STRAND SINGLE MODE FIBER OPTIC CABLE BETWEEN RACK LOCATION AND DATA RACK IN VISITOR CONCESSIONS BUILDING. MOUNT ON THE WALL WITH TOP OF RACK 12" BELOW FINISHED CEILING.



ENLARGED SYSTEMS PLAN - MDF 103.1 CABLE TRAY PLAN

5 SCALE: 1/2" = 1'-0"

0 0.5' 1' 2' 4' 6' 8'



ENLARGED SYSTEMS PLAN - MDF 103.1

4 / 3 E-401 SCALE: 1/2" = 1'-0"

0 0.5' 1' 2' 4' 6' 8'

STAMP

CONSULTANTS

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REVISIONS	
BID SET	10/21/2026

DRAWN BY	Designer
REVIEWED BY	RC
JOB #	2665

SHEET TITLE

SYSTEMS PLAN - HOME SIDE PAVILION

SHEET #

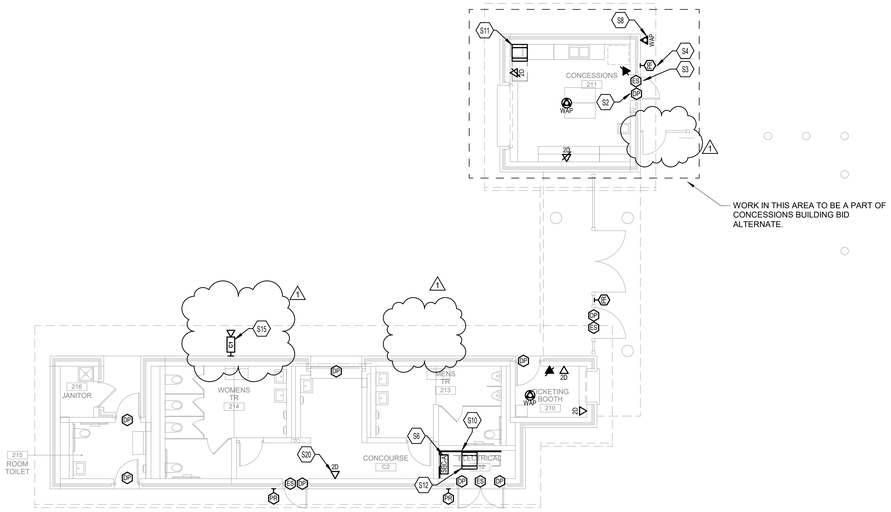
E-401

SCALE	AS NOTED
DATE	10-21-2026

DRAWING SIZE: 30 X 42

TAGGED NOTES

S2	PROVIDE DOOR POSITION AT THIS LOCATION. (TYPICAL)
S3	PROVIDE ELECTRIC STRIKE AT THIS LOCATION. (TYPICAL)
S4	PROVIDE PROXIMITY READER AT THIS LOCATION. (TYPICAL)
S6	ACCESS CONTROL PANEL LOCATION. PANEL WILL BE PROVIDED AND INSTALLED BY OTHERS. PROVIDE CONDUIT AND JUNCTION BOX INFRASTRUCTURE TO ALL DOOR LOCATIONS AS NOTED ON PLANS AND LEGEND.
S8	ROUTE CONDUIT OUT AT 12" BELOW ROOF LEVEL FOR OUTDOOR WAP. PROVIDE CONDUIT STUB-OUT AT LOCATION INDICATED AND COIL UP 15' OR SPARE CATEGORY CABLING ABOVE CEILING IN BUILDING.
S10	PROVIDE FIRE RETARDANT BACKBOARD IN LOCATION SHOWN. REFER TO SPECIFICATION FOR ADDITIONAL REQUIREMENTS.
S11	PROVIDE WALL MOUNTED RACK ENCLOSURE TRIPPLITE SMART RACK 15 RU SRW15US. IN RACK PROVIDE 6 STRAND FIBER OPTIC PATCH PANEL, CATEGORY CABLING PATCH PANEL FOR TICKETING BOOTH OUTLETS, AND SEPARATE COPPER PATCH PANEL FOR ASSOCIATED CCTV CABLING PATCH PANELS. PROVIDE 6 STRAND SINGLE MODE FIBER OPTIC CABLE BETWEEN RACK LOCATION AND DATA RACK IN VISITOR CONCESSIONS BUILDING. MOUNT ON THE WALL WITH TOP OF RACK 12" BELOW FINISHED CEILING.
S12	PROVIDE FLOOR MOUNTED 4 POST DATA RACK. REFER TO SPECIFICATIONS AND SYSTEMS RISER DIAGRAM FOR REQUIREMENTS.
S15	PROVIDE 1" CONDUIT STUB OUT FOR CAMERA AT 12" BELOW ROOF LEVEL. COIL UP 25' OF CATEGORY CABLING ABOVE CEILING INSIDE BUILDING.
S20	PROVIDE DATA CONNECTION FOR FACP. COORDINATE FINAL LOCATION WITH FACP INSTALLER. DATA TO BE CONCEALED IN FACP, NOT SEPARATE FACEPLATE.



SYSTEMS PLAN - VISITORS SIDE CONCESSIONS AND BLEACHERS

1 SCALE: 1/8" = 1'-0"

0 1' 2' 4' 8' 12' 16'

STAMP

CONSULTANTS

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REVIEWED BY	RC
JOB #	2665

SHEET TITLE

SYSTEMS PLAN - VISITORS SIDE PAVILION

SHEET #

E-402

SCALE	AS NOTED
DATE	10-21-2026

DRAWING SIZE: 30 X 42

PANELBOARD AND WIRING SCHEDULE

PANEL: HO — **MAINS TYPE:** MCB — **PANEL INTERRUPTING RATING:** 14kAIC
VOLTAGE: 480Y/277V,3P,4W — **SPD:** — **LOCATION:** BREAK ROOM 110
AMPERES: 400 A — **MOUNTING:** SURFACE — **SUPPLY FROM:** HDP
GENERAL NOTES:

NOTES	CIRCUIT DESCRIPTION	HOT, NEUT, GND	OCP	P	CKT	A	B	C	CKT	P	OCP	HOT, NEUT, GND	CIRCUIT DESCRIPTION	NOTES
					1	17.7	27.3		2					
	TLO	3-#4, 1-#4, 1-#8	70	3	3			9.7	24.8		4	3	150	3-#3/0, 1-#3/0, 1-#6	MUSCO	
					5					12.2	24.8	6				
	UH-7 MAINTENANCE SHOP 111	3-#12, 1-#12, 1-#12	20	3	7	3.3	3.3					8				
					9			3.3	3.3			10	3	20	3-#12, 1-#12, 1-#12	UH-7
					11					3.3	3.3	12				
					13	11.1	11.1					14				
	RTU-1	3-#6, 1-#6, 1-#10	50	3	15			11.1	11.1			16	3	50	3-#6, 1-#6, 1-#10	RTU-2
					17					11.1	11.1	18				
	LTG - NORTH LOT	1-#10, 1-#10, 1-#10	20	1	19	1.7	3.0					20				
	LTG - EAST LOT	1-#10, 1-#10, 1-#10	20	1	21			1.2	3.0			22	3	15	3-#12, 1-#12, 1-#12	WH-1
	SPACE	--	--	1	23					--	3.0	24				
	SPACE	--	--	1	25	--	--					26	1	--	--	SPACE
	SPACE	--	--	1	27			--	--			28	1	--	--	SPACE
	SPACE	--	--	1	29					--	--	30	1	--	--	SPACE
	SPACE	--	--	1	31	--	--					32	1	--	--	SPACE
	SPACE	--	--	1	33			--	--			34	1	--	--	SPACE
	SPACE	--	--	1	35					--	--	36	1	--	--	SPACE
	SPACE	--	--	1	37	--	--					38	1	--	--	SPACE
	SPACE	--	--	1	39			--	--			40	1	--	--	SPACE
	SPACE	--	--	1	41					--	--	42	1	--	--	SPACE
						78.5 kVA		67.5 kVA			68.8 kVA					
						284 A		244 A			249 A					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
EQUIP	22212 VA	100.00%	22212 VA	TOTAL CONNECTED LOAD: 214845 VA
HVAC	92958 VA	100.00%	92958 VA	TOTAL ESTIMATED DEMAND: 210845 VA
LTNG	4863 VA	100.00%	4863 VA	TOTAL CONNECTED CURRENT: 258 A
REC	18000 VA	77.78%	14000 VA	TOTAL ESTIMATED DEMAND CURRENT: 254 A
Lighting	76812 VA	100.00%	76812 VA	25 % ADDITIONAL CAPACITY: 63 A
				TOTAL PANEL CURRENT: 317 A

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.

PANELBOARD AND WIRING SCHEDULE

PANEL: MUSCO — **MAINS TYPE:** MCB — **PANEL INTERRUPTING RATING:** 14kAIC
VOLTAGE: 480Y/277V,3P,4W — **SPD:** Yes — **LOCATION:** BREAK ROOM 110
AMPERES: 150 A — **MOUNTING:** SURFACE — **SUPPLY FROM:** HO
GENERAL NOTES:

NOTES	CIRCUIT DESCRIPTION	HOT, NEUT, GND	OCP	P	CKT	A	B	C	CKT	P	OCP	HOT, NEUT, GND	CIRCUIT DESCRIPTION	NOTES
					1	5.6	5.6		2					
	F1 - FOOTBALL LTG - C1	3-#10, 1-#10, 1-#10	30	3	3			5.6	5.6		4	3	30	3-#10, 1-#10, 1-#10	F2 - FOOTBALL LTG - C2	
					5					5.6	5.6	6				
	F1 - POLE ACCENT/RGBW LTG - C5	2-#12, 1-#12, 1-#12	15	2	7	1.2	1.2					8				
					9			1.2	1.2			10	2	15	2-#12, 1-#12, 1-#12	F2 - POLE ACCENT/RGBW - C6
					11					5.6	5.6	12				
	F3 - FOOTBALL LTG - C3	3-#8, 1-#8, 1-#8	30	3	13	5.6	5.6					14	3	30	3-#8, 1-#8, 1-#8	F4 - FOOTBALL LTG - C4
					15			5.6	5.6			16				
	F3 - FOOTBALL LTG - C7	2-#12, 1-#12, 1-#12	15	2	17					1.2	1.2	18	2	15	2-#12, 1-#12, 1-#12	F4 - POLE ACCENT/RGBW - C8
					19	1.2	1.2					20				
	SPACE	--	--	1	21			--	--			22	1	--	--	SPACE
	SPACE	--	--	1	23					--	--	24	1	--	--	SPACE
	SPACE	--	--	1	25	--	--					26	1	--	--	SPACE
	SPACE	--	--	1	27			--	--			28	1	--	--	SPACE
	SPACE	--	--	1	29					--	--	30	1	--	--	SPACE
	SPACE	--	--	1	31	--	--					32	1	--	--	SPACE
	SPACE	--	--	1	33			--	--			34	1	--	--	SPACE
	SPACE	--	--	1	35					--	--	36	1	--	--	SPACE
	SPACE	--	--	1	37	--	--					38	1	--	--	SPACE
	SPACE	--	--	1	39			--	--			40	1	--	--	SPACE
	SPACE	--	--	1	41					--	--	42	1	--	--	SPACE
						27.3 kVA		24.8 kVA			24.8 kVA					
						98 A		89 A			89 A					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
Lighting	76812 VA	100.00%	76812 VA	TOTAL CONNECTED LOAD: 76812 VA
				TOTAL ESTIMATED DEMAND: 76812 VA
				TOTAL CONNECTED CURRENT: 92 A
				TOTAL ESTIMATED DEMAND CURRENT: 92 A
				25 % ADDITIONAL CAPACITY: 23 A
				TOTAL PANEL CURRENT: 115 A

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P. REFER TO MUSCO DRAWINGS FOR ADDITIONAL INFORMATION.

PANELBOARD AND WIRING SCHEDULE

PANEL: LO — **MAINS TYPE:** MCB — **PANEL INTERRUPTING RATING:** 10kAIC
VOLTAGE: 208Y/120V,3P,4W — **SPD:** — **LOCATION:** BREAK ROOM 110
AMPERES: 150 A — **MOUNTING:** SURFACE — **SUPPLY FROM:** TLO
GENERAL NOTES:

NOTES	CIRCUIT DESCRIPTION	HOT, NEUT, GND	OCP	P	CKT	A	B	C	CKT	P	OCP	HOT, NEUT, GND	CIRCUIT DESCRIPTION	NOTES
	REC - EXTERIOR REC	1-#12, 1-#12, 1-#12	20	1	1	0.5	0.5		2	1	20	1-#12, 1-#12, 1-#12	REC - ATHLETIC TRAINER 114	
1	REC - ATHLETIC TRAINER 114 FRZ	1-#12, 1-#12, 1-#12	20	1	3			0.2	0.4		4	1	20	1-#12, 1-#12, 1-#12	REC - ATHLETIC TRAINER 114	
	REC - TOILET RM & RECEIVING	1-#12, 1-#12, 1-#12	20	1	5					0.4	0.4	6	1	20	1-#12, 1-#12, 1-#12	REC - MAINTENANCE SHOP 111
	REC - MAINTENANCE SHOP 111	1-#12, 1-#12, 1-#12	20	1	7	0.2	0.2		8	1	20	1-#12, 1-#12, 1-#12	REC - MAINTENANCE SHOP 111	
	REC - MAINTENANCE SHOP 111	1-#12, 1-#12, 1-#12	20	1	9			0.2	0.4		10	1	20	1-#12, 1-#12, 1-#12	REC - RECEIVING	
	REC - MAINTENANCE SHOP 111	1-#12, 1-#12, 1-#12	20	1	11					0.4	1.0	12	1	20	1-#12, 1-#12, 1-#12	OVERHEAD DOOR
	REC - MAINTENANCE SHOP 111	1-#12, 1-#12, 1-#12	20	1	13	0.4	0.4		14	1	20	1-#12, 1-#12, 1-#12	REC - WAREHOUSE/STOR 112	
	OVERHEAD DOOR	1-#12, 1-#12, 1-#12	20	1	15			1.0	0.2		16	1	20	1-#12, 1-#12, 1-#12	REC - EWC	
	REC - WAREHOUSE/STOR 112	1-#12, 1-#12, 1-#12	20	1	17					0.5	0.4	18	1	20	1-#12, 1-#12, 1-#12	REC - BREAK RM 110
	REC - COST, STOR, TOILET RM	1-#12, 1-#12, 1-#12	20	1	19	0.5	0.9		20	1	20	1-#12, 1-#12, 1-#12	REC - VEST, CORR, PLANS RM	
	REC - BREAK RM 110	1-#12, 1-#12, 1-#12	20	1	21			0.5	0.9		22	1	20	1-#12, 1-#12, 1-#12	REC - OFFICE 101	
1	REC - BREAK RM 110 REF	1-#12, 1-#12, 1-#12	20	1	23					0.2	0.7	24	1	20	1-#12, 1-#12, 1-#12	REC - IT MDF
	REC - OFFICE 102	1-#12, 1-#12, 1-#12	20	1	25	0.9	1.1		26	1	20	1-#12, 1-#12, 1-#12	REC - CONFERENCE RM 105	
	REC - DIRECTOR'S OFFICE 100	1-#10, 1-#10, 1-#10	20	1	27			1.3	0.4		28	1	20	1-#12, 1-#12, 1-#12	REC - CONF RM 105 FLR BOXES	
	REC - IT MDF	1-#12, 1-#12, 1-#12	20	1	29					0.4	3.2	30				
	REC - CONFERENCE RM 105	1-#12, 1-#12, 1-#12	20	1	31	0.4	3.2		32	2	40	2-#8, 1-#8, 1-#10	CU-1	
	REC - ROOF EXTERIOR REC	1-#12, 1-#12, 1-#12	20	1	33			0.4	0.4		34	1	20	1-#12, 1-#12, 1-#12	EF-3 ATHLETIC TRAINER 114	
	EF-4	1-#12, 1-#12, 1-#12	20	1	35					0.7	0.9	36	1	20	1-#10, 1-#10, 1-#10	LTG - TRAINER, RECEIV, MAINT...
	UH-6 ATHLETIC TRAINER 114	1-#8, 1-#8, 1-#8	20	1	37	1.5	1.0		38	1	20	1-#12, 1-#12, 1-#12	LTG - FACILITY OFFICES	
	REC - MDF RACK	1-#12, 1-#12, 1-#12	20	1	39			0.4	1.0		40	1	20	1-#12, 1-#12, 1-#12	OVERHEAD DOOR	
	TRAP PRIMER TP-2 CUST 108	1-#12, 1-#12, 1-#12	20	1	41					0.7	0.0	42	1	20	1-#12, 1-#12, 1-#12	TIME CLOCK
	HAND DRYER TOILET ROOM 109	1-#12, 1-#12, 1-#12	20	1	43	1.5	1.5		44	1	20	1-#12, 1-#12, 1-#12	HAND DRYER TOILET RM 115	
	MUSCO CONTROL POWER	1-#12, 1-#12, 1-#12	20	1	45			0.6	0.1		46	1	20	1-#12, 1-#12, 1-#12	LTG - BUILDING EXTERIOR	
	RP-1	1-#12, 1-#12, 1-#12	20	1	47					0.4	1.0	48	1	20	1-#12, 1-#12, 1-#12	CEILING FAN
	CEILING FAN	1-#12, 1-#12, 1-#12	20	1	49	1.0	1.0		50	1	20	1-#12, 1-#12, 1-#12	CEILING FAN	
	SPARE	--	20	1	51			0.0	1.6			52				
	SPARE	--	20	1	53					0.0	1.1	54	3	100	3-#1, 1-#1, 1-#8	PRESS BOX
	SPARE	--	20	1	55	0.0	1.1		56							
	SPARE	--	20	1	57			0.0	0.0			58	1	20	--	SPARE
	SPARE	--	20	1	59					0.0	0.0	60	1	20	--	SPARE
	SPARE	--	20	1	61	0.0	0.0		62	1	20	--	SPARE	
	SPARE	--	20	1	63			0.0	0.0		64	1	20	--	SPARE	
	SPARE	--	20	1	65					0.0	0.0	66	1	20	--	SPARE
	SPARE	--	20	1	67	0.0	0.0		68	1	20	--	SPARE	
	SPARE	--	20	1	69			0.0	0.0		70	1	20	--	SPARE	
	SPARE	--	20	1	71					0.0	0.0	72	1	20	--	SPARE
	SPACE	--	--	1	73	--	--		74	1	--	--	SPACE	
	SPACE	--	--	1	75			--	--			76	1	--	--	SPACE
	SPACE	--	--	1	77					--	--	78	1	--	--	SPACE
	SPACE	--	--	1	79	--	--		80	1	--	--	SPACE	
	SPACE	--	--	1	81			--	--			82	1	--	--	SPACE
	SPACE	--	--	1	83					--	--	84	1	--	--	SPACE
						17.7 kVA		9.7 kVA			12.2 kVA					
						151 A		81 A			106 A					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
EQUIP	13212 VA	100.00%	13212 VA	TOTAL CONNECTED LOAD: 39643 VA
HVAC	6448 VA	100.00%	6448 VA	TOTAL ESTIMATED DEMAND: 35643 VA
LTNG	1983 VA	100.00%	1983 VA	TOTAL CONNECTED CURRENT: 110 A
REC	18000 VA	77.78%	14000 VA	TOTAL ESTIMATED DEMAND CURRENT: 99 A
				25 % ADDITIONAL CAPACITY: 25 A
				TOTAL PANEL CURRENT: 124 A

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.
1. PROVIDE GFCI CIRCUIT BREAKER.

PANELBOARD AND WIRING SCHEDULE

PANEL: VC — **MAINS TYPE:** MCB — **PANEL INTERRUPTING RATING:** 10kAIC
VOLTAGE: 208Y/120V,3P,4W — **SPD:** — **LOCATION:**
AMPERES: 250 A — **MOUNTING:** SURFACE — **SUPPLY FROM:** LDP
GENERAL NOTES:

NOTES	CIRCUIT DESCRIPTION	HOT, NEUT, GND	OCP	P	CKT	A	B	C	CKT	P	OCP	HOT, NEUT, GND	CIRCUIT DESCRIPTION	NOTES
1	REC - CONCESSIONS REF	1-#12, 1-#12, 1-#12	20	1	1	0.2	0.2		2	1	20	1-#12, 1-#12, 1-#12	REC - CONCESSIONS	
	REC - CONCESSIONS	1-#12, 1-#12, 1-#12	20	1	3			0.2	0.2		4	1	20	1-#12, 1-#12, 1-#12	REC - CONCESSIONS	
	REC - CONCESSIONS	1-#12, 1-#12, 1-#12	20	1	5					0.2	0.2	6	1	20	1-#12, 1-#12, 1-#12	REC - CONCESSIONS
	REC - CONCESSIONS 211 CORD...	1-#12, 1-#12, 1-#12	20	1	7	0.2	0.4		8	1	20	1-#12, 1-#12, 1-#12	REC - VISITOR TICKET BOOTH	
	HAND DRYER	1-#12, 1-#12, 1-#12	20	1	9			1.5	0.7		10	1	20	1-#12, 1-#12, 1-#12	REC - RESTROOMS & WP	
	HAND DRYER	1-#12, 1-#12, 1-#12	20	1	11					1.5	0.4	12	1	20	1-#12, 1-#12, 1-#12	REC - RESTROOM & JANITOR
	HAND DRYER	1-#12, 1-#12, 1-#12	20	1	13	1.5	1.5		14	1	20	1-#12, 1-#12, 1-#12	HAND DRYER	
	UH-5 JANITOR 216	1-#12, 1-#12, 1-#12	20	1	15			1.0	1.5		16	1	20	1-#12, 1-#12, 1-#12	HAND DRYER	
	CU-1	2-#8, 1-#8, 1-#10	40	2	17					3.2	1.0	18	1	20	1-#12, 1-#12, 1-#12	UH-5 TICKETING BOOTH 210
					19	3.2	1.0					20	1	20	1-#12, 1-#12, 1-#12	UH-5 TOILET ROOM 215
	UH-3 WOMENS TR 214	3-#10, 1-#10, 1-#10	30	3	21			1.7	2.4			22	1	30	1-#10, 1-#10, 1-#10	EWH-4 CONCESSIONS 211
					23					1.7	1.2	24	1	20	1-#12, 1-#12, 1-#12	EF-2 WOMENS TR 214
					25	1.7	1.7					26				
	UH-4 MENS TR 213	3-#12, 1-#12, 1-#12	20	3	27			1.7	1.7			28	3	20	3-#12, 1-#12, 1-#12	UH-4 CONSESSIONS 211
					29					1.7	1.7	30				
	EWH-5 TOILET ROOM 213	2-#10, 1-#10, 1-#10	30	2	31	1.7	0.4		32	1	20	1-#10, 1-#10, 1-#10	REC - FIELD REC 50YD LINE VISITOR	
					33			1.8	0.2		34	1	20	1-#12, 1-#12, 1-#12	REC - EWC	1
					35					1.8	0.2	36	1	20	1-#12, 1-#12, 1-#12	REC - EWC	1
					37		0.9					38	1	20	1-#12, 1-#12, 1-#12	LTG - VISITOR SIDE INTERIOR
	EXTERIOR CAMERAS	1-#12, 1-#12, 1-#12	20	1	39		0.2	0.2				40	1	20	1-#12, 1-#12, 1-#12	LTG - VISITOR SIDE EXTERIOR
	EXTERIOR CAMERAS	1-#10, 1-#10, 1-#10	20	1	41					0.4	0.4	42	1	20	1-#12, 1-#12, 1-#12	TRAP PRIMER TP-2 TOILET RM 215
	TRAP PRIMER TP-2 STORAGE 204	1-#10, 1-#10, 1-#10	20	1	43	0.4	0.2		44	1	20	1-#12, 1-#12, 1-#12	OVERHEAD DOOR	
	RACK REC - ELEC 212	1-#12, 1-#12, 1-#12	20	1	45		0.2	0.2		46	1	20	1-#12, 1-#12, 1-#12	RACK REC - ELEC 212	
	SECURITY EQUIP - ELEC 212	1-#12, 1-#12, 1-#12	20	1	47			0.2	1.5	48	1	20	1-#12, 1-#12, 1-#12	HAND DRYER CONCOURSE C2	
					49	2.0	0.5					50	1	20	1-#8, 1-#8, 1-#8	LTG - WALKWAY
	SGP-1	3-#10, 1-#10, 1-#10	30	3	51		2.0	0.0				52	1	20	1-#12, 1-#12, 1-#12	TIME CLOCK
					53			2.0	0.2	54	1	20	1-#12, 1-#12, 1-#12	WALL RACK CONCESSION 211	
	SPARE	--	20	1	55	0.0	0.0		56	1	20	--	SPARE	
	SPARE	--	20	1	57			0.0	0.0		58	1	20	--	SPARE	
	SPARE	--	20	1	59					0.0	0.0	60	1	20	--	SPARE
	SPARE	--	20	1	61	0.0	0.0		62	1	20	--	SPARE	
	SPARE	--	20	1	63			0.0	0.0		64	1	20	--	SPARE	
	SPARE	--	20	1	65					0.0	0.0	66	1	20	--	SPARE
	SPARE	--	20	1	67	0.0	0.0		68	1	20	--	SPARE	
	SPARE	--	20	1	69			0.0	0.0		70	1	20	--	SPARE	
	SPARE	--	20	1	71					0.0	0.0	72	1	20	--	SPARE
	SPACE	--	--	1	73	--	--		74	1	--	--	SPACE	
	SPACE	--	--	1	75			--	--			76	1	--	--	SPACE
	SPACE	--	--	1	77					--	--	78	1	--	--	SPACE
	SPACE	--	--	1	79	--	--		80	1	--	--	SPACE	
	SPACE	--	--	1	81			--	--			82	1	--	--	SPACE
	SPACE	--	--	1	83					--	--	84	1	--	--	SPACE
						22.6 kVA		19.7 kVA			21.7 kVA					
						191 A		164 A			184 A					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
EQUIP	16264 VA	100.00%	16264 VA	TOTAL CONNECTED LOAD: 63968 VA
HVAC	36876 VA	100.00%	36876 VA	TOTAL ESTIMATED DEMAND: 63968 VA
LTNG	3092 VA	100.00%	3092 VA	TOTAL CONNECTED CURRENT: 178 A
REC	7740 VA	100.00%	7740 VA	TOTAL ESTIMATED DEMAND CURRENT: 178 A
				25 % ADDITIONAL CAPACITY: 44 A
				TOTAL PANEL CURRENT: 222 A

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.
1. PROVIDE GFCI CIRCUIT BREAKER.

PANELBOARD AND WIRING SCHEDULE

PANEL: LC — **MAINS TYPE:** MCB — **PANEL INTERRUPTING RATING:** 10kAIC
VOLTAGE: 208Y/120V,3P,4W — **SPD:** — **LOCATION:** CONCESSIONS 209
AMPERES: 225 A — **MOUNTING:** SURFACE — **SUPPLY FROM:** LDP
GENERAL NOTES:

NOTES	CIRCUIT DESCRIPTION	HOT, NEUT, GND	OCP	P	CKT	A	B	C	CKT	P	OCP	HOT, NEUT, GND	CIRCUIT DESCRIPTION	NOTES
	REC - CONCESSIONS 209	1-#12, 1-#12, 1-#12	20	1	1	0.5	0.8		2	1	20	1-#12, 1-#12, 1-#12	REC - CONCESSIONS 209 REF	1
1	REC - CONCESSIONS 209 COOLER	1-#12, 1-#12, 1-#12	20	1	3			1.0	0.8		4	1	20	1-#12, 1-#12, 1-#12	REC - CONCESSIONS 209 REF	1
	REC - CONCESSIONS 209	1-#12, 1-#12, 1-#12	20	1	5					0.5	0.8	6	1	20	1-#12, 1-#12, 1-#12	REC - CONCESSIONS 209 REF
	REC - CONCESSIONS 209 CORD...	1-#12, 1-#12, 1-#12	20	1	7	0.4	0.4		8	1	20	1-#12, 1-#12, 1-#12	REC - CONCESSIONS 209	
1	REC - CONCESSIONS 209 CORD...	1-#12, 1-#12, 1-#12	20	1	9			0.4				10				
1	REC - CONCESSIONS 209 CORD...	1-#12, 1-#12, 1-#12	20	1	11					0.4	1.0	12	1	20	1-#12, 1-#12, 1-#12	REC - CONCESSIONS 209 COOLER
	REC - STOR 204 & TOILET RM 205	1-#12, 1-#12, 1-#12	20	1	13	0.7	0.4		14	1	20	1-#12, 1-#12, 1-#12	REC - CONCESSIONS 209 CORD...	1
	HAND DRYER	1-#10, 1-#10, 1-#10	20	1	15			1.5	0.9		16	1	20	1-#12, 1-#12, 1-#12	REC - WOMEN'TOILET RM	
	REC - MECH 201 & WP REC	1-#12, 1-#12, 1-#12	20	1	17					0.4	1.5	18	1	20	1-#12, 1-#12, 1-#12	HAND DRYER
	REC - APPAREL SALES	1-#12, 1-#12, 1-#12	20	1	19	0.4	1.5					20	1	20	1-#10, 1-#10, 1-#10	HAND DRYER
	CU-1	2-#8, 1-#8, 1-#10	40	2	21			3.2	1.7			22	1	20	1-#10, 1-#10, 1-#10	EF-1 MENS TR 203
					23					3.2	0.4	24	1	20	1-#12, 1-#12, 1-#12	REC - TICKETING BOOTH 200
	UH-5 TOILET ROOM 205	1-#12, 1-#12, 1-#12	20	1	25	1.0	0.5					26	1	20	1-#12, 1-#12, 1-#12	REC - APPAREL SALES
	UH-5	1-#10, 1-#10, 1-#10	20	1	27			1.0	1.0			28	1	20	1-#12, 1-#12, 1-#12	UH-5 STORAGE 204
	REC - FIELD REC HOME WEST	1-#10, 1-#10, 1-#10	20	1	29					0.4	1.5	30	1	20	1-#10, 1-#10, 1-#10	UH-6 APPAREL SALES 202
	REC - BATTING CAGE	1-#6, 1-#6, 1-#6	20	1	31	1.5	1.5					32	1	20	1-#10, 1-#10, 1-#10	BASEBALL SCOREBOARD
	REC - BACKSTOP REC	1-#12, 1-#12, 1-#12	20	1	33			0.4	0.4			34	1	20	1-#12, 1-#12, 1-#12	REC - BASEBALL SCOREBOARD
	HAND DRYER	1-#12, 1-#12, 1-#12	20	1	35					1.5	1.5	36	1	20	1-#12, 1-#12, 1-#12	HAND DRYER
	HAND DRYER	1-#10, 1-#10, 1-#10	20	1	37	1.5	1.5					38	1	20	1-#10, 1-#10, 1-#10	HAND DRYER
	LTG - HOME RESTRMS & APPAREL	1-#12, 1-#12, 1-#12	20	1	39			1.1	2.8			40	2	40	2-#8, 1-#8, 1-#10	EWH-2 JANMECH 207
	LTG - HOME TICKET BOOTH &...	1-#12, 1-#12, 1-#12	20	1	41					0.3	2.8	42				
	LTG - HOME CONCESSIONS	1-#12, 1-#12, 1-#12	20	1	43	0.3	0.3					44	1	20	1-#12, 1-#12, 1-#12	LTG - EXT HOME CONC & RR
	EXTERIOR HAND DRYER	1-#12, 1-#12, 1-#12	20	1	45			1.5	0.5			46	1	20	1-#12, 1-#12, 1-#12	LTG - FLAG POLE
	HAND DRYER	1-#12, 1-#12, 1-#12	20	1	47					1.5	1.5	48	1	20	1-#12, 1-#12, 1-#12	EXTERIOR HAND DRYER
	EWH-3 STORAGE 204	2-#12, 1-#12, 1-#12	20	2	49	1.8	0.0					50	1	20	--	SPARE
					51			1.8	0.0			52	1	20	--	SPARE
	OVERHEAD DOOR	1-#12, 1-#12, 1-#12	20	1	53					1.2	0.0	54	1	20	--	SPARE
	MECH 201 DATA RACK REC	1-#12, 1-#12, 1-#12	20	1	55	0.2	0.0					56	1	20	--	SPARE
	MECH 201 DATA RACK REC	1-#12, 1-#12, 1-#12	20	1	57			0.2	0.0			58	1	20	--	SPARE
	REC-FIELD REC 50YRD LN HOME	1-#12, 1-#12, 1-#12	20	1	59					0.4	0.0	60	1	20	--	SPARE
	REC-FIELD REC HOME EAST	1-#12, 1