HAMPTON COUNTY HIGH SCHOOL - PHASE 2

LS3P: 1201-217190
1585 SAVANNAH HWY
HAMPTON, SC 29924

HAMPTON COUNTY
SCHOOL DISTRICT

HAMPTON COUNTY SCHOOL DISTRICT

LS3P

REVISED: 11/19/2025 ADDENDUM #1
ISSUED: 10/31/2025 CONSTRUCTION DOCUMENTS

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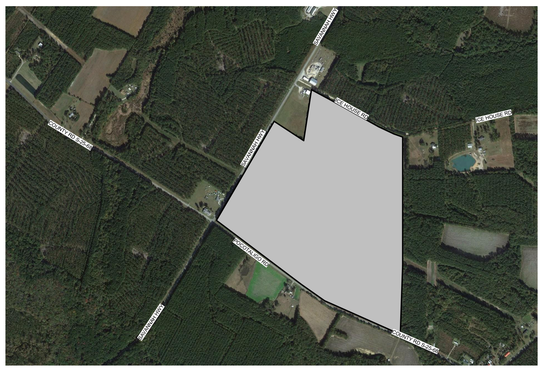
VICINITY MAP



AREA MAP



GENERAL

SHEET NO.	SHEET NAME	SHT REV NO.	SHT REV DATE	REVISION DESCRIPTION
G-000	COVER SHEET	1	11/19/2025	ADDENDUM #1
G-001	PROJECT INFORMATION			
G-002	DRAWING INDEX	1	11/19/2025	ADDENDUM #1
G-003	CODE INFORMATION OSF FORM F3			
G-004	CODE INFORMATION OSF FORM F3			
G-101	LIFE SAFETY PLAN- FIELD HOUSE & ADD ALT 1			
G-102	LIFE SAFETY PLAN- ADD ALT 2 & 5			
G-103	LIFE SAFETY PLAN- BLEACHERS			
G-104	RESTROOM TRAVEL DISTANCE DIAGRAM	1	11/19/2025	ADDENDUM #1

CIVIL

SHEET NO.	SHEET NAME	SHT REV NO	SHT REV DATE	REVISION DESCRIPTION
C001	CIVIL NOTES AND ABBREVIATIONS	1	11/25/2025	ADDENDUM #1
	TOPOGRAPHIC SURVEY (13 PAGES, BY BOWMAN)			
	TOPOGRAPHIC SURVEY (1 PAGE BY TIMMONS GROUP)		11/25/2025	ADDENDUM #1
C003	AERIAL SITE PLAN OVERVIEW			
C004	FIRE PROTECTION SITE PLAN			
C100	EXISTING SITE & DEMOLITION PLAN - OVERALL	1	11/25/2025	ADDENDUM #1
C101	EXISTING SITE & DEMOLITION PLAN - AREA 1	1	11/25/2025	ADDENDUM #1
C102	EXISTING SITE & DEMOLITION PLAN - AREA 2			
C103	EXISTING SITE & DEMOLITION PLAN - AREA 3			
C200	BASE BID SITE PLAN			
C201	BASE BID SITE PLAN - AREA 1			
C202	BASE BID SITE PLAN - AREA 2			
C203	BASE BID SITE PLAN - AREA 3			
C220	BID ALTERNATE SITE PLAN - OVERALL			
C221	BID ALTERNATE SITE PLAN - AREA 1	1	11/25/2025	ADDENDUM #1
C222	BID ALTERNATE SITE PLAN - AREA 2			
C223	BID ALTERNATE SITE PLAN - AREA 3			
C231	SITE LAYOUT & DIMENSION PLAN - AREA 1	1	11/25/2025	ADDENDUM #1
C232	SITE LAYOUT & DIMENSION PLAN - AREA 2			
C233	SITE LAYOUT & DIMENSION PLAN - AREA 3			
C300	BASE BID GRADING & STORM DRAINAGE PLAN - OVERALL	1	11/25/2025	ADDENDUM #1
C301	BASE BID GRADING PLAN - AREA 1	1	11/25/2025	ADDENDUM #1
C302	BASE BID GRADING PLAN - AREA 2			
C303	BASE BID GRADING PLAN - AREA 3			
C311	BASE BID STORM DRAINAGE PLAN - AREA 1	1	11/25/2025	ADDENDUM #1
C312	BASE BID STORM DRAINAGE PLAN - AREA 2			
C313	BASE BID STORM DRAINAGE PLAN - AREA 3			
C320	BID ALTERNATE GRADING & STORM DRAINAGE PLAN - OVERALL			
C321	BID ALTERNATE GRADING PLAN - AREA 1	1	11/25/2025	ADDENDUM #1
C322	BID ALTERNATE GRADING PLAN - AREA 2			
C323	BID ALTERNATE GRADING PLAN - AREA 3			
C331	BID ALTERNATE STORM DRAINAGE PLAN - AREA 1	1	11/25/2025	ADDENDUM #1
C350	STORM DRAINAGE PROFILES			
C351	STORM DRAINAGE PROFILES			
C352	STORM DRAINAGE PROFILES			
C401	SITE UTILITY PLAN - AREA 1	1	11/25/2025	ADDENDUM #1
C410	UTILITY PROFILES			
C620	CIVIL DETAILS - SITE			
C621	CIVIL DETAILS - SITE			
C630	CIVIL DETAILS - STORM DRAINAGE			
C631	CIVIL DETAILS - STORM DRAINAGE			
C640	CIVIL DETAILS - WATER			
C641	CIVIL DETAILS - WATER			
C642	CIVIL DETAILS - SANITARY & SEWER			
C701	SWPPP PLAN - INITIAL PHASE			
C702	SWPPP PLAN - CONSTRUCTION PHASE			
C703	SWPPP PLAN - CONSTRUCTION PHASE			
C710	CIVIL DETAILS - SWPPP			
C711	CIVIL DETAILS - SWPPP			
C712	CIVIL DETAILS - SWPPP			
C713	CIVIL DETAILS - SWPPP			
C720	CIVIL DETAILS - SWPPP & CLOSEOUT NOTES			

LANDSCAPE

SHEET NO.	SHEET NAME	SHT REV NO.	SHT REV DATE	REVISION DESCRIPTION
L100	BASE BID - LANDSCAPE SITE PLAN - OVERALL			
L101	BASE BID - LANDSCAPE SITE PLAN - AREA 1			
L102	BASE BID - LANDSCAPE SITE PLAN - AREA 2			
L103	BASE BID - LANDSCAPE SITE PLAN - AREA 3			
L200	ALTERNATES - LANDSCAPE SITE PLAN - OVERALL			
L201	LANDSCAPE SITE PLAN - AREA 1			
L202	LANDSCAPE SITE PLAN - AREA 2			
L203	LANDSCAPE SITE PLAN - AREA 3			
L300	LANDSCAPE PLANTING PLAN - OVERALL			
L301	ALTERNATE LANDSCAPE PLANTING PLAN - AREA 1			
L302	ALTERNATE LANDSCAPE PLANTING PLAN - AREA 2			
L303	ALTERNATE LANDSCAPE PLANTING PLAN - AREA 3			
L400	LANDSCAPE PLANTING DETAILS AND SCHEDULE			
L401	LANDSCAPE SITE DETAILS			
L402	LANDSCAPE SITE DETAILS			
L403	LANDSCAPE SITE DETAILS			
L404	LANDSCAPE SITE DETAILS			
L405	LANDSCAPE SITE DETAILS			
L406	LANDSCAPE SITE DETAILS	1	11/19/2025	ADDENDUM #1
L407	LANDSCAPE SITE DETAILS			
L408	LANDSCAPE SITE DETAILS			

IRRIGATION

SHEET NO.	IRRIGATION SHEET NAME	SHEET REV NO	SHT REV DATE	REVISION DESCRIPTION
IR100	IRRIGATION NOTES AND LEGEND	1	11/19/2025	ADDENDUM #1
IR101	IRRIGATION PLAN - OVERALL	1	11/19/2025	ADDENDUM #1
IR102	IRRIGATION PLAN	1	11/19/2025	ADDENDUM #1
IR103	IRRIGATION PLAN	1	11/19/2025	ADDENDUM #1
IR104	2-WIRE PLAN	1	11/19/2025	ADDENDUM #1
IR200	IRRIGATION DETAILS	1	11/19/2025	ADDENDUM #1
IR201	IRRIGATION DETAILS	1	11/19/2025	ADDENDUM #1
IR202	IRRIGATION DETAILS	1	11/19/2025	ADDENDUM #1

STRUCTURAL

SHEET NO.	SHEET NAME	SHT REV NO.	SHT REV DATE	REVISION DESCRIPTION
S-001	GENERAL NOTES			
S-101	FOUNDATION & FIRST FLOOR SLAB PLANS - FIELDHOUSE (BASE BID)			
S-102	CMU WALL & ROOF FRAMING PLANS - FIELDHOUSE (BASE BID)			
S-103	FOUNDATION & FIRST FLOOR SLAB PLANS - DUGOUTS (BASE BID)			
S-104	CMU WALL & ROOF FRAMING PLANS - DUGOUTS (BASE BID)			
S-105	FOUNDATION & FIRST FLOOR SLAB PLANS - RESTROOM AND STORAGE BLDG. (BASE BID)			
S-111	FOUNDATION & FIRST FLOOR SLAB PLANS - WEIGHT ROOM (ADD ALT.#1)			
S-112	CMU WALL & ROOF FRAMING PLANS - WEIGHT ROOM (ADD ALT #1)			
S-121	FOUNDATION AND SLAB PLAN - BASEBALL AND SOFTBALL PRESS BOX (ADD ALT #2)			
S-122	FOUNDATION & FIRST FLOOR SLAB PLANS - STORAGE BLDG. (ADD ALT.#2)			
S-151	FOUNDATION AND FIRST FLOOR PLANS - GREENHOUSE (ADD ALT #5)			
S-161	FOUNDATION & FIRST FLOOR SLAB PLANS - CONCESSIONS (ADD ALT.#6)			
S-501	SCHEDULES			
S-601	TYPICAL CONCRETE DETAILS			
S-602	TYPICAL CONCRETE DETAILS	1	11/19/2025	ADDENDUM #1
S-621	TYPICAL CMU DETAILS			
S-622	TYPICAL CMU DETAILS			
S-631	TYPICAL STEEL DETAILS			
S-661	TYPICAL DECK DETAILS			
S-671	TYPICAL COLD FORMED STEEL DETAILS			
S-681	TYPICAL WOOD FRAMING DETAILS (DUGOUTS ONLY)			
S-701	SECTIONS AND DETAILS			
S-702	SECTIONS AND DETAILS			
S-721	SECTIONS AND DETAILS			

ARCHITECTURAL

SHEET NO.	SHEET NAME	SHT REV NO.	SHT REV DATE	REVISION DESCRIPTION
A1	ENLARGED PLANS AND ELEVATIONS - RESTROOM & STORAGE BUILDING (BASE BID)			
A-001	CONSTRUCTION SUBSYSTEMS			
A-005	PARTITION DETAILS			
A-050	OVERALL SITE PLAN - BASE BID			
A-051	OVERALL SITE PLAN - PHASE FULL BUILD OUT			
A-101	FLOOR PLAN FIELDHOUSE (BASE BID)	1	11/19/2025	ADDENDUM #1
A-102	PLANS & SECTIONS - DUGOUTS (BASE BID)			
A-103	RESTROOM & STORAGE BUILDING (BASE BID)			
A-111	FLOOR PLAN WEIGHT ROOM (ADD ALT #1)			
A-121	FLOOR PLAN BATTING CAGE (ADD ALT #2)			
A-122	BASEBALL AND SOFTBALL PRESSBOX (ADD ALT #2)			
A-151	PLANS & SECTIONS - GREENHOUSE (ADD ALT #5)	1	11/19/2025	ADDENDUM #1
A-161	FLOOR PLAN CONCESSIONS (ADD ALT #6)	1	11/19/2025	ADDENDUM #1
A-162	FLOOR PLAN FOOTBALL STADIUM (ADD ALT #6)			
A-163	PLANS & SECTIONS - PRESSBOX (ADD ALT #6)			
A-201	ELEVATIONS FIELDHOUSE (BASE BID)			
A-211	ELEVATIONS WEIGHT ROOM (ADD ALT #1)			
A-262	ELEVATIONS FOOTBALL STADIUM (ADD ALT #6)			
A-301	BUILDING SECTIONS			
A-351	WALL SECTIONS			
A-401	ENLARGED PLANS AND ELEVATIONS - FIELDHOUSE TRAINING OFFICE & BATHROOMS (BASE BID)	1	11/19/2025	ADDENDUM #1
A-402	ENLARGED PLANS AND ELEVATIONS - FIELDHOUSE BATHROOMS (BASE BID)			
A-403	ENLARGED PLANS AND ELEVATIONS - RESTROOM & STORAGE BLDG RESTROOMS (BASE BID)			
A-411	ENLARGED ELEVATIONS - WEIGHT ROOM (ADD ALT #1)			
A-461	ENLARGED PLANS AND ELEVATIONS - CONCESSIONS BATHROOMS (ADD ALT #6)			
A-501	EXTERIOR WALL DETAILS			
A-502	EXTERIOR WALL DETAILS CONCESSIONS (ADD ALT #6)			
A-512	HOLLOW MTL. DOOR AND STOREFRONT DETAILS			
A-513	EXT. COILING DOOR DETAILS			
A-514	EXTERIOR ROOF DETAILS			
A-515	EXTERIOR ROOF & DOWNSPOUT DETAILS			
A-520	CEILING & SEISMIC DETAILS- TYPICAL			
A-530	INTERIOR DETAILS	1	11/19/2025	ADDENDUM #1
A-601	DOOR & WINDOW SCHEDULES	1	11/19/2025	ADDENDUM #1
A-700	FINISH LEGEND AND SCHEDULE	1	11/19/2025	ADDENDUM #1
A-701	FINISH PLAN BASE BID & ADD ALT 1	1	11/19/2025	ADDENDUM #1
A-721	FINISH PLANS ADD ALT #2 & ADD ALT #6			
A-781	MILLWORK TYPE SCHEDULE AND NOTES	1	11/19/2025	ADDENDUM #1
A-901	SIGNAGE ELEVATIONS & SCHEDULE	1	11/19/2025	ADDENDUM #1

FOOD SERVICE

SHEET NO.	SHEET NAME	SHT REV NO.	SHT REV DATE	REVISION DESCRIPTION
QF105	FOODSERVICE EQUIPMENT PLAN - PHASE 2			
QF303	FOODSERVICE ELECTRICAL ROUGH-IN PLAN - PHASE 2			
QF403	FOODSERVICE PLUMBING ROUGH-IN PLAN - PHASE 2			

FIRE PROTECTION

SHEET NO.	SHEET NAME	SHT REV NO.	SHT REV DATE	REVISION DESCRIPTION
FP-001	FIRE PROTECTION INDEX, LEGEND, NOTES AND MATERIALS			
FP-101	FIELD HOUSE FIRE PROTECTION PLAN (BASE BID)			
FP-111	FIELD HOUSE + WEIGHT ROOM FIRE PROTECTION PLAN (BASEBID+ ALT1)			

PLUMBING

SHEET NO.	SHEET NAME	SHT REV NO.	SHT REV DATE	REVISION DESCRIPTION
P-001	PLUMBING INDEX, LEGEND, SCHEDULES, NOTES AND MATERIALS	1	11-19-2025	ADDENDUM 01
P-100	OVERALL FIELDHOUSE BUILDING PLAN			
P-101	FIELD HOUSE DRAINAGE PLAN (BASE BID)	1	11-19-2025	ADDENDUM 01
P-102	FIELD HOUSE SUPPLY PLAN (BASE BID)	1	11-19-2025	ADDENDUM 01
P-103	RESTROOM & STORAGE BUILDING DRAINAGE PLAN (BASE BID)			
P-104	RESTROOM & STORAGE BUILDING SUPPLY PLAN (BASE BID)			
P-111	WEIGHT ROOM DRAINAGE PLAN (ADD ALT #1)			
P-112	WEIGHT ROOM SUPPLY PLAN (ADD ALT #1)			
P-151	GREENHOUSE PLUMBING PLAN	1	11-19-2025	ADDENDUM 01
P-161	CONCESSIONS DRAINAGE PLAN (ADD ALT #6)			
P-162	CONCESSIONS SUPPLY PLAN (ADD ALT #6)			
P-400	PLUMBING DETAILS	1	11-19-2025	ADDENDUM 01

MECHANICAL

SHEET NO.	SHEET NAME	SHT REV NO.	SHT REV DATE	REVISION DESCRIPTION
M-001	MECHANICAL LEGEND AND NOTES			
M-002	MECHANICAL SCHEDULES			
M-003	MECHANICAL VENTILATION SCHEDULES			
M-010	MECHANICAL SEQUENCE OF OPERATION			
M-100	MECHANICAL SITE PLAN			
M-101	MECHANICAL FLOOR PLAN - FIELD HOUSE (BASE BID)			
M-103	MECHANICAL FLOOR PLAN - RESTROOM & STORAGE BUILDING (BASE BID)			
M-111	MECHANICAL FLOOR PLAN - WEIGHT ROOM (ADD ALT #1)			
M-161	MECHANICAL FLOOR PLANS - CONCESSIONS (ADD ALT #6)			
M-500	MECHANICAL DETAILS			

ELECTRICAL

SHEET NO.	SHEET NAME	SHT REV NO.	SHT REV DATE	REVISION DESCRIPTION
E-001	ELECTRICAL LEGEND AND NOTES	1	11/19/2025	ADDENDUM #1
E-002	PENTRATION DETAILS			
E-003	ELECTRICAL DETAILS			
E-004	LIGHTING DETAILS	1	11/19/2025	ADDENDUM #1
E-005	ELECTRICAL DETAILS	1	11/19/2025	ADDENDUM #1
E-006	ELECTRICAL DETAILS	1	11/19/2025	ADDENDUM #1
E-007	LIFE SAFETY DETAILS			
E-050	ELECTRICAL SITE PLAN (BASE BID)	1	11/19/2025	ADDENDUM #1
E-101	ELECTRICAL PRACTICE FIELDS (BASE BID)	1	11/19/2025	ADDENDUM #1
E-120	ELECTRICAL SITE PLAN (ADD ALT #2)	1	11/19/2025	ADDENDUM #1
E-130	ELECTRICAL SITE PLAN - TENNIS COURTS (ADD ALT #3)	1	11/19/2025	ADDENDUM #1
E-201	POWER PLAN - FIELD HOUSE (BASE BID)	1	11/19/2025	ADDENDUM #1
E-202	POWER PLAN - BASEBALL FIELD (BASE BID)	1	11/19/2025	ADDENDUM #1
E-203	POWER PLAN - SOFTBALL FIELD (BASE BID)	1	11/19/2025	ADDENDUM #1
E-204	POWER PLAN - RESTROOM & STORAGE MAINTENANCE (BASE BID)	1	11/19/2025	ADDENDUM #1
E-211	POWER PLAN - WEIGHT ROOM (ADD ALT 1)	1	11/19/2025	ADDENDUM #1
E-220	POWER PLAN - BASEBALL AND SOFTBALL FIELD ACCESSORY BUILDINGS (ADD ALT #2)	1	11/19/2025	ADDENDUM #1
E-251	POWER PLAN - GREENHOUSE (ADD ALT #5)	1	11/19/2025	ADDENDUM #1
E-260	POWER PLAN - FOOTBALL FIELD (ADD ALT #6)	1	11/19/2025	ADDENDUM #1
E-263	POWER PLAN - CONCESSION (ADD ALT #6)	1	11/19/2025	ADDENDUM #1
E-264	POWER PLAN - FOOTBALL PRESS BOX (ADD ALT #6)	1	11/19/2025	ADDENDUM #1
E-701	POWER RISER DIAGRAM AND SCHEDULES	1	11/19/2025	ADDENDUM #1
E-702	PANEL SCHEDULES	1	11/19/2025	ADDENDUM #1
E-703	PANEL SCHEDULES	1	11/19/2025	ADDENDUM #1
E-704	PANEL SCHEDULES	1	11/19/2025	ADDENDUM #1
E-705	MECHANICAL EQUIPMENT CONNECTION SCHEDULE	1	11/19/2025	ADDENDUM #1
E-800	LIGHTING FIXTURE SCHEDULE	1	11/19/2025	ADDENDUM #1
E-801	SPORTS FIELD PHOTOMETRIC 1	1	11/19/2025	ADDENDUM #1
E-802	SPORTS FIELD PHOTOMETRIC 2	1	11/19/2025	ADDENDUM #1
E-803	SPORTS FIELD PHOTOMETRIC 3	1	11/19/2025	ADDENDUM #1
E-804	SPORTS FIELD PHOTOMETRIC 4	1	11/19/2025	ADDENDUM #1
E-805	SPORTS FIELD PHOTOMETRIC 5	1	11/19/2025	ADDENDUM #1
E-806	SPORTS FIELD PHOTOMETRIC 6	1	11/19/2025	ADDENDUM #1
E-807	SPORTS FIELD PHOTOMETRIC 7	1	11/19/2025	ADDENDUM #1
E-808	SPORTS FIELD PHOTOMETRIC 8	1	11/19/2025	ADDENDUM #1
E-809	BASEBALL ACCESSORY BUILDING PHOTOMETRIC 9			
E-810	FIELD HOUSE PHOTOMETRIC 10			
E-811	CONCESSIONS RESTROOM PHOTOMETRIC 11			

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

LS3P

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

LS3P PROJECT: 1201-217190
DATE: 10/31/2025

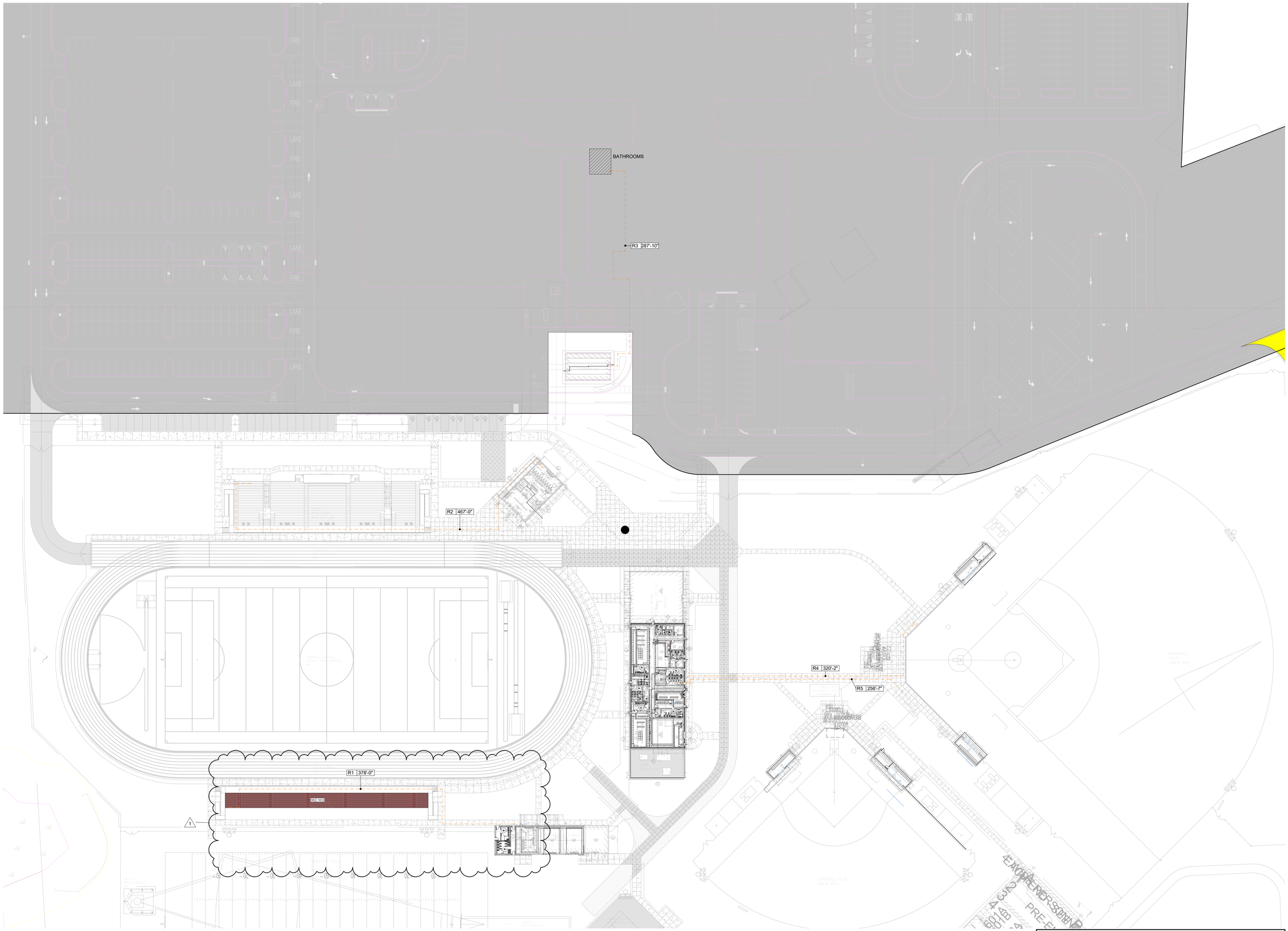
1

DRAWING INDEX

G-002

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/Athletic Fieldhouse_Hampton County HS_v2022.rvt
11/19/2025 1:16:03 PM



A1 OVERALL SITE PLAN - PHASE 2

1" = 40'-0"

RESTROOM TRAVEL DISTANCE SCHEDULE

PATH	DISTANCE
R1	378'-0"
R2	467'-0"
R3	287'-10"
R4	320'-2"
R5	256'-7 1/2"

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

LS3P

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

LS3P PROJECT: 1201-217190

DATE: 10/31/2025

RESTROOM TRAVEL DISTANCE DIAGRAM

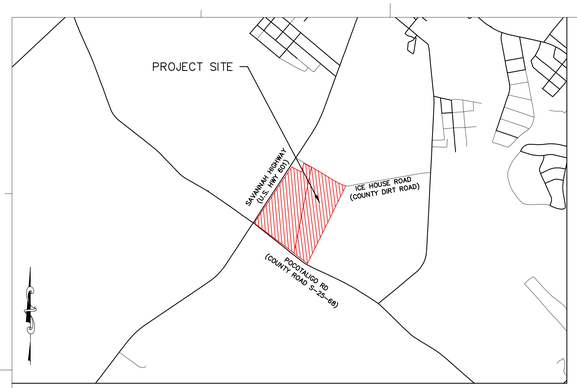
G-104

CONSTRUCTION DOCUMENTS

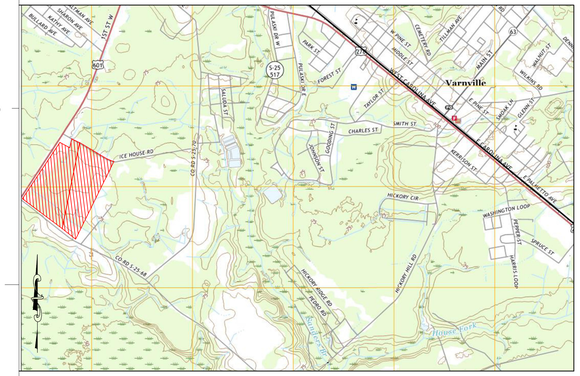
Autodesk Docs://1201-217190 Hampton County HS/Athletic Fieldhouse_Hampton County HS_v2022.rvt
11/19/2025 1:16:09 PM

HAMPTON COUNTY HIGH SCHOOL - PHASE 2, ATHLETIC FACILITIES

1585 SAVANNAH HWY.
HAMPTON, SC 29924
TMS# 102-00-00-019, 102-00-00-022



LOCATION MAP
SCALE: 1" = 2,000'



QUAD MAP
SCALE: 1" = 2,000'

CIVIL ABBREVIATIONS

BM	BENCHMARK
BMP	EROSION CONTROL BEST MANAGEMENT PRACTICES
BTTM	BOTTOM
BW	BOTH WAYS
CB	CATCH BASIN
CGP	NPDES CONSTRUCTION GENERAL PERMIT SCR 100000
CI	CURB INLET
CI	CAST IRON
CIP	CAST IRON PIPE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
CY	CUBIC YARDS
DCVA	DOUBLE CHECK VALVE ASSEMBLY
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DS	DOWNSPOUT
EL	ELEVATION
EW	EACH WAY
EXST	EXISTING
FFE	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
FH	FIRE HYDRANT
FIN	FINISHED
FM	FORCE MAIN
GI	GRATE INLET
HDPE	HIGH DENSITY POLYETHYLENE
IAW	IN ACCORDANCE WITH
IE	INVERT ELEVATION
JB	JUNCTION BOX
LF	LINEAR FEET
LP	LIGHT POLE
LRWS	LOWCOUNTRY REGIONAL WATER SYSTEM
MATL	MATERIAL
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
NIC	NOT IN CONTRACT
NOI	NOTICE OF INTENT
NOT	NOTICE OF TERMINATION
NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
NTS	NOT TO SCALE
OC	ON CENTER
ODSA	OPERATOR OF DAY TO DAY SITE ACTIVITIES
PC	POINT OF CURVATURE
PCC	PORTLAND CEMENT CONCRETE
PP	POWER POLE
PT	POINT OF TANGENT
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
RAD	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REQD	REQUIRED
RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
R/W	RIGHT OF WAY
SABC	STABILIZED AGGREGATE BASE COURSE
SB	SILT BARRIER
SCDES	SOUTH CAROLINA DEPT OF ENVIRONMENTAL SERVICES
SCDOT	SOUTH CAROLINA DEPT OF TRANSPORTATION
SD	STORM DRAINAGE
SF	SQUARE FEET
SS	SANITARY SEWER SERVICE
STA	STATION
SWPPP	STORM WATER POLLUTION PREVENTION PLAN
TBM	TEMPORARY BENCH MARK
TC	TOP OF CURB
TG	TOP OF GUTTER
TP	TOP OF PAVEMENT
TYP	TYPICAL
VC	VITRIFIED CLAY
W	WATER
W/	WITH
WS	WATER SERVICE
WV	WATER VALVE

PERMIT APPROVALS

REVIEW	SUBMITTAL DATE	APPROVAL DATE	STATUS
HAMPTON COUNTY PUBLIC WORKS	11/5/2025		SUBMITTED FOR REVIEW
HAMPTON COUNTY PLANNING-ZONING	11/5/2025		SUBMITTED FOR REVIEW
HAMPTON COUNTY FIRE DEPARTMENT (LOCAL)	11/5/2025		SUBMITTED FOR REVIEW
OFFICE OF THE STATE FIRE MARSHALL (OSFM)	11/5/2025		SUBMITTED FOR REVIEW
LRWS (WATER SRP REVIEW)	11/5/2025		SUBMITTED FOR REVIEW
LRWS (SEWER SRP REVIEW)	11/5/2025		SUBMITTED FOR REVIEW
SCDES (WATER CONSTRUCTION)	11/5/2025		SUBMITTED FOR REVIEW
SCDES (SEWER CONSTRUCTION)	11/5/2025		SUBMITTED FOR REVIEW
SCDES NPDES LAND DISTURBANCE PERMIT	11/5/2025		SUBMITTED FOR REVIEW
SCDOT SCHOOL OPERATIONS CONCURRENCE	11/5/2025		SUBMITTED FOR REVIEW

PHASE 1 NOTES:

1. THE NEW HAMPTON COUNTY HIGH SCHOOL & ASSOCIATED PAVEMENT, UTILITIES, INFRASTRUCTURE, ETC. FOR PHASE #1 ARE SHOWN AS "EXISTING" IN THIS PLAN SET. THE WORK IS CURRENTLY UNDER CONSTRUCTION & MAY NOT BE COMPLETE AT THE START OF PHASE #2. CONTRACTOR TO FIELD VERIFY ALL TIE-IN POINTS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. AN EXISTING STOCKPILE OF EXCESS SOIL FROM PHASE 1 IS LOCATED NEAR OR WITHIN THE PROPOSED FOOTBALL STADIUM IN PHASE 2. THE STOCKPILE HAS BEEN SURVEYED AND ADDED TO THE EXISTING GRADE CONDITION AS A PART OF ADDENDUM #1. ASSUME MATERIAL IN THE STOCKPILE MAY BE USED IN FIELD AREAS, BUT NOT IN STRUCTURAL AREAS. 1

GENERAL NOTES:

1. THE EROSION CONTROL PLANS CONTAINED HERE-IN ARE PART OF A LARGER COMPREHENSIVE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). ALL CONTRACTORS/SUBCONTRACTORS/PERSONS THAT WILL BE ENGAGED IN LAND DISTURBING ACTIVITIES SHALL BECOME FAMILIAR WITH AND COMPLY WITH ALL EROSION AND SEDIMENT CONTROL AND STORMWATER POLLUTION PREVENTION REQUIREMENTS CONTAINED THROUGHOUT THE SWPPP, DRAWINGS, SPECIFICATIONS AND PERMITS.
2. ALL CONTRACTORS SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE THE EXTENT OF THE PROJECT.
3. TOPOGRAPHIC AND BOUNDARY INFORMATION BY BOWMAN CONSULTING GROUP LTD, NOT VERIFIED BY ADC ENGINEERING, INC.
4. HORIZONTAL COORDINATES ARE BASED ON SC STATE PLANE COORDINATES NAD '83. VERTICAL DATUM IS BASED ON NAVD 88.
5. ALL PROJECT STAKEOUT, INCLUDING RELOCATION OF PROJECT BENCHMARKS AS NECESSARY, SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR TO BE PAID FOR BY THE CONTRACTOR. FOR STAKEOUT, DO NOT RELY SOLELY ON THE PHYSICAL SCALE AS SHOWN IN DRAWINGS. REFER TO THE GIVEN DIMENSIONS, SYMBOL LEGEND, KEYNOTES, AND REFERENCED DETAILS FOR CORRECT STAKEOUT.
6. THE EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE BASED UPON AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES PRIOR TO BEGINNING ANY WORK. IF UTILITIES OTHER THAN THOSE SHOWN HEREON ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY AND TAKE APPROPRIATE MEASURES TO PROTECT THE LINE(S) AND ENSURE CONTINUED SERVICE. DAMAGE CAUSED TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL VERIFY THE CONNECTION POINTS OF NEW UTILITIES TO EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
7. THE CONTRACTOR SHALL INSTALL TREE PROTECTION BARRICADES PRIOR TO BEGINNING EARTHWORK OPERATIONS.
8. OFFSITE BORROW NECESSARY FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE PROVIDED BY THE CONTRACTOR FROM SOURCES DEVELOPED BY THE CONTRACTOR.
9. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF UNSUITABLE MATERIAL IS DISCOVERED PRIOR TO BEGINNING ANY REMOVAL OPERATION.
10. THE CONTRACTOR SHALL PLACE 4" OF TOPSOIL IN ALL DISTURBED AREAS NOT TO BE PAVED. THE CONTRACTOR SHALL ALSO PROVIDE TEMPORARY AND PERMANENT SEEDING IN ALL AREAS INSIDE OR OUTSIDE THE LIMITS OF CONSTRUCTION THAT ARE DISTURBED BY THE CONTRACTOR'S OPERATIONS.
11. ALL TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND THE SOUTH CAROLINA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, BOTH CURRENT EDITIONS.
12. CONTRACTOR SHALL GRADE ALL AREAS TO DRAIN FOR POSITIVE FLOW PRIOR TO FINAL APPROVAL.
13. THE DESIGN ADEQUACY AND SAFETY OF ALL BRACING, SHORING AND TEMPORARY SUPPORTS, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
14. THE GENERAL CONTRACTOR SHALL REVIEW AND STAMP APPROVED ANY AND ALL SHOP DRAWINGS AND SUBMITTALS PRIOR TO SUBMITTING TO THE ENGINEER FOR REVIEW.
15. IT IS THE RESPONSIBILITY OF THE OWNER TO OBTAIN THE SERVICES OF A QUALIFIED GEOTECHNICAL ENGINEER WHO SHALL PERFORM INVESTIGATIONS TO VERIFY THAT THE SOIL CONDITIONS ARE AT LEAST THAT WHICH ARE STATED HEREIN.
16. ALL WATER & SEWER UTILITY WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF LRWS & SCDES. WHERE ANY DISCREPANCIES EXIST BETWEEN THESE DOCUMENTS AND LRWS & SCDES REQUIREMENTS, THE REQUIREMENTS OF LRWS & SCDES SHALL BE ADHERED TO.
17. IN PERFORMING CONSTRUCTION OBSERVATION VISITS TO THE JOB SITE, THE ENGINEER SHALL HAVE NO CONTROL OVER NOR RESPONSIBILITY FOR THE CONTRACTOR'S MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK.
18. THE CONTRACTOR'S MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR, WHO IS ALSO RESPONSIBLE FOR COMPLYING WITH ALL HEALTH AND SAFETY PRECAUTIONS AS REQUIRED BY ANY REGULATORY AGENCY.
19. IT IS THE CONTRACTORS RESPONSIBILITY FOR DESIGN, ADEQUACY AND IMPLEMENTATION OF ALL DEWATERING. ALL DEWATERING ACTIVITIES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STORMWATER POLLUTION PREVENTION PLAN.
20. CONTRACTOR SHALL MAINTAIN SIGHT DISTANCE VISIBILITY AT ALL EXITS AND/OR INTERSECTIONS IN ACCORDANCE WITH SCDOT'S "ACCESS AND ROADSIDE MANAGEMENT STANDARDS" MANUAL, DURING AND AFTER CONSTRUCTION.
21. ANY FIELD CHANGES WITHIN SCDOT RIGHT-OF-WAY OR CHANGES THAT WOULD IMPACT SCDOT RIGHT-OF-WAY WILL REQUIRE WRITTEN SCDOT APPROVAL PRIOR TO CHANGES BEING IMPLEMENTED IN THE FIELD.

TRAFFIC CONTROL NOTES:

1. CONTRACTOR SHALL PERFORM ALL NECESSARY COORDINATION WITH SCDOT AND THE MUNICIPALITY FOR WORK INSIDE THE RIGHT OF WAY, INCLUDING BUT NOT LIMITED TO PREPARATION OF AND OBTAINING APPROVAL OF ALL NECESSARY TRAFFIC CONTROL PLANS AS WELL AS PLANNING AND EXECUTION OF ALL NECESSARY COORDINATION MEETINGS.
2. CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE APPROVED ENCROACHMENT PERMIT(S).
3. CONTRACTOR SHALL MAINTAIN SCDOT SITE VISIBILITY TRIANGLES AT ALL ACCESS POINTS FOR THE DURATION OF CONSTRUCTION.
4. ALL TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD), CURRENT EDITION.

ARCHAEOLOGICAL NOTICE TO CONTRACTOR:

1. IN THE EVENT THAT ANY HISTORIC OR CULTURAL RESOURCES AND/OR ARCHAEOLOGICAL MATERIALS ARE FOUND DURING THE COURSE OF WORK, THE APPLICANT MUST NOTIFY THE STATE HISTORIC PRESERVATION OFFICE AND THE SOUTH CAROLINA INSTITUTE OF ARCHAEOLOGY AND ANTHROPOLOGY. HISTORIC OR CULTURAL RESOURCES CONSIST OF THOSE SITES LISTED IN THE NATIONAL REGISTER OF HISTORIC PLACES AND THOSE SITES THAT ARE ELIGIBLE FOR THE NATIONAL REGISTER. ARCHAEOLOGICAL MATERIALS CONSIST OF ANY ITEMS, FIFTY YEARS OLD OR OLDER, WHICH WERE MADE OR USED BY MAN. THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO, STONE PROJECTILE POINTS (ARROWHEADS), CERAMIC SHARDS, BRICKS, WORKED WOOD, BONE AND STONE, METAL AND GLASS OBJECTS, AND HUMAN SKELETAL MATERIALS.
2. IF UNANTICIPATED CULTURAL MATERIALS (E.G., LARGE, INTACT ARTIFACTS OR ANIMAL BONES; LARGE CLUSTERS OF ARTIFACTS OR ANIMAL BONES; LARGE SOILS STAINS OR PATTERNS OF SOIL STAINS; BURIED BRICK OR STONE STRUCTURES; CLUSTERS OF BRICK OR STONE) OR HUMAN SKELETAL REMAINS ARE DISCOVERED PRIOR TO OR DURING LAND ALTERING OR CONSTRUCTION ACTIVITIES, THEN THE APPLICANT WILL TEMPORARILY HALT ANY ACTIVITIES AND IMMEDIATELY NOTIFY SCDHEC-OCRM AND THE SHPO OF THE LATE DISCOVERIES.
3. IF HUMAN REMAINS ARE DISCOVERED ALL GROUND DISTURBANCE IN THE AREA WILL HALT IMMEDIATELY AND A 50-FOOT BUFFER WILL BE ESTABLISHED AROUND THE DISCOVERY. THE APPLICANT SHALL NOTIFY THE COUNTY CORONER, SCDHEC-OCRM, THE SHPO, AND THE STATE ARCHAEOLOGIST WITHIN TWO (2) BUSINESS DAYS OF THE DISCOVERY. EACH OF THESE PARTIES HAS TWO (2) BUSINESS DAYS TO RESPOND. THE PARTIES SHALL ATTEMPT TO REACH A CONSENSUS ON THE TREATMENT OF THE HUMAN REMAINS. IF A CONSENSUS IS REACHED, GROUND DISTURBING ACTIVITIES MAY RESUME ONCE THE CONDITIONS OF THE AGREEMENT ARE MET. NO PHOTOGRAPHS ARE TO BE TAKEN OF THE BURIAL, HUMAN REMAINS AND/OR FUNERARY OBJECTS AT ANY TIME. HUMAN REMAINS AND BURIAL GROUNDS ARE ALSO SUBJECT TO SOUTH CAROLINA LAW THAT ADDRESSES ABANDONED CEMETERIES AND BURIALS, INCLUDING BUT NOT LIMITED TO S.C. CODE ANN. §§ 27-43-10 TO 27-43-30, 16-17-600, AND 61-19-29.
4. AGENCY CONTACT INFORMATION IS AS FOLLOWS:
SCDHEC-OCRM COASTAL ZONE CONSISTENCY: 843-953-0200
SCDAH STATE HISTORIC PRESERVATION OFFICE (SHPO): 803-896-6196
SCIAA / STATE ARCHAEOLOGIST: 803-576-6560
HAMPTON COUNTY CORONER'S OFFICE: 843-746-4030

DEVELOPMENT DATA

PROJECT NAME	HAMPTON COUNTY HIGH SCHOOL - PHASE 2
DEVELOPMENT DESCRIPTION	THE PROJECT INCLUDES: CONSTRUCTION OF NEW ATHLETIC FACILITIES FOR THE NEW HAMPTON COUNTY HIGH SCHOOL.
PROJECT OWNER	HAMPTON COUNTY SCHOOL DISTRICT (DR. RONALD WILCOX)
PROJECT ARCHITECT	LS3P (KAMERON QUICK)
PROJECT CIVIL ENGINEER	ADC ENGINEERING, INC. 1226 YEAMANS HALL ROAD HANAHAN, SC 29410 POINT OF CONTACT: RYNE HARDWICK

PROPERTY INFORMATION

TMS	102-00-00-019, 102-00-00-022
ADDRESS	1585 SAVANNAH HWY., HAMPTON, SC 29924
STREET CLASSIFICATION(S)	
SAVANNAH HWY	MAJOR COLLECTOR
POCOTALIGO ROAD	RURAL LOCAL ROAD
ICE HOUSE ROAD	COUNTY DIRT ROAD
FLOOD ZONE STATEMENT	FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP (45049C0228C & 45049C0228C) INDICATES THAT THIS PROPERTY IS IN FLOOD ZONE 'X' (AREA OUTSIDE 500 YEAR FLOODPLAIN).
WETLAND STATUS	THERE ARE WETLANDS ON-SITE. WETLANDS ARE NOT ANTICIPATED TO BE IMPACTED BY THE PHASE 2 WORK.

ZONING INFORMATION

MUNICIPALITY	HAMPTON COUNTY
EXISTING ZONING	GENERAL DEVELOPMENT (GD)
PROPOSED ZONING	SAME
ADJACENT ZONING	
NORTH	ICE HOUSE ROAD / GENERAL DEVELOPMENT (GD)
EAST	RURAL DEVELOPMENT - RESOURCE CONSERVATION (RR
SOUTH	RURAL DEVELOPMENT - RESOURCE CONSERVATION (RR
WEST	U.S. HIGHWAY 601
HEIGHT LIMITATION	N/A
HISTORIC DISTRICT	N/A
ZONING CONTACT	CHRIS INGLESE (803-914-2155)

SETBACKS/BUFFERS

SETBACKS	REQUIRED	PROVIDED
NORTH	30' (ICEHOUSE RD)	30'
SOUTH	40'	40'
EAST	10'	10'
WEST	N/A	N/A
BUFFERS	REQUIRED	PROVIDED
NORTH	5' (ICEHOUSE RD)	10'/5'
SOUTH	5'	N/A
EAST	10'	10'
WEST	N/A	N/A

LOT COVERAGE

TOTAL LOT AREA	6,902,635	SF	158.5 ACRES	
DISTURED AREA (INCLUDES OFF-SITE)	1,635,302	SF	37.5 ACRES	
LOT COVERAGE BY USE				
IMPERVIOUS AREA - PAVED	581,961	SF	13.4 ACRES	8%
IMPERVIOUS AREA - ROOF/POND	429,501	SF	9.9 ACRES	6%
PERVIOUS AREA - GRASSED	5,235,912	SF	120.2 ACRES	76%
PERVIOUS AREA - WOODED	659,062	SF	15.1 ACRES	10%
SUBTOTAL	6,906,436	SF	158.5 ACRES	100%

UTILITY INFORMATION

ELECTRIC AVAILABILITY	DOMINION ENERGY
GAS AVAILABILITY	DOMINION ENERGY
SEWER AVAILABILITY	LOWCOUNTRY REGIONAL WATER SYSTEM
WATER AVAILABILITY	LOWCOUNTRY REGIONAL WATER SYSTEM

LIST OF DRAWINGS - CIVIL

SHEET	TITLE	ISSUED	REVISED
C001	CIVIL NOTES AND ABBREVIATIONS	10/31/2025	1
C002	TOPOGRAPHIC SURVEY (13 PAGES, BY BOWMAN)	6/27/2024	
C003	AERIAL SITE PLAN OVERVIEW	7/30/2025	
C004	FIRE PROTECTION SITE PLAN	10/31/2025	
C100	EXISTING SITE & DEMOLITION PLAN - OVERALL	10/31/2025	1
C101	EXISTING SITE & DEMOLITION PLAN - AREA 1	10/31/2025	1
C102	EXISTING SITE & DEMOLITION PLAN - AREA 2	10/31/2025	
C103	EXISTING SITE & DEMOLITION PLAN - AREA 3	10/31/2025	
C200	BASE BID SITE PLAN	10/31/2025	
C201	BASE BID SITE PLAN - AREA 1	10/31/2025	
C202	BASE BID SITE PLAN - AREA 2	10/31/2025	
C203	BASE BID SITE PLAN - AREA 3	10/31/2025	
C220	BID ALTERNATE SITE PLAN - OVERALL	10/31/2025	
C221	BID ALTERNATE SITE PLAN - AREA 1	10/31/2025	1
C222	BID ALTERNATE SITE PLAN - AREA 2	10/31/2025	
C223	BID ALTERNATE SITE PLAN - AREA 3	10/31/2025	
C231	SITE LAYOUT & DIMENSION PLAN - AREA 1	10/31/2025	1
C232	SITE LAYOUT & DIMENSION PLAN - AREA 2	10/31/2025	
C233	SITE LAYOUT & DIMENSION PLAN - AREA 3	10/31/2025	
C300	BASE BID GRADING & STORM DRAINAGE PLAN - OVERALL	10/31/2025	1
C301	BASE BID GRADING PLAN - AREA 1	10/31/2025	1
C302	BASE BID GRADING PLAN - AREA 2	10/31/2025	
C303	BASE BID GRADING PLAN - AREA 3	10/31/2025	
C311	BASE BID STORM DRAINAGE PLAN - AREA 1	10/31/2025	1
C312	BASE BID STORM DRAINAGE PLAN - AREA 2	10/31/2025	
C313	BASE BID STORM DRAINAGE PLAN - AREA 3	10/31/2025	
C320	BID ALTERNATE GRADING & STORM DRAINAGE PLAN - OVERALL	10/31/2025	
C321	BID ALTERNATE GRADING PLAN - AREA 1	10/31/2025	1
C322	BID ALTERNATE GRADING PLAN - AREA 2	10/31/2025	
C323	BID ALTERNATE GRADING PLAN - AREA 3	10/31/2025	
C331	BID ALTERNATE STORM DRAINAGE PLAN - AREA 1	10/31/2025	1
C350	STORM DRAINAGE PROFILES	10/31/2025	
C351	STORM DRAINAGE PROFILES	10/31/2025	
C352	STORM DRAINAGE PROFILES	10/31/2025	
C401	SITE UTILITY PLAN - AREA 1	10/31/2025	1
C410	UTILITY PROFILES	10/31/2025	
C620	CIVIL DETAILS - SITE	10/31/2025	
C621	CIVIL DETAILS - SITE	10/31/2025	
C630	CIVIL DETAILS - STORM DRAINAGE	10/31/2025	
C631	CIVIL DETAILS - STORM DRAINAGE	10/31/2025	
C640	CIVIL DETAILS - WATER	10/31/2025	
C641	CIVIL DETAILS - WATER	10/31/2025	
C642	CIVIL DETAILS - SANITARY SEWER	10/31/2025	
C701	SWPPP PLAN - INITIAL PHASE	10/31/2025	
C702	SWPPP PLAN - CONSTRUCTION PHASE	10/31/2025	
C703	SWPPP PLAN - STABILIZATION PHASE	10/31/2025	
C710	CIVIL DETAILS - SWPPP	10/31/2025	
C711	CIVIL DETAILS - SWPPP	10/31/2025	
C712	CIVIL DETAILS - SWPPP	10/31/2025	
C713	CIVIL DETAILS - SWPPP	10/31/2025	
C720	CIVIL DETAILS - SWPPP & CLOSEOUT NOTES	10/31/2025	

LIST OF DRAWINGS - LANDSCAPE

SHEET	TITLE	ISSUED	REVISED
L100	BASE BID LANSCAPE SITE PLAN - OVERALL	7/30/2025	
L101	BASE BID LANDSCAPE SITE PLAN - AREA 1	7/30/2025	
L102	BASE BID LANDSCAPE SITE PLAN AREA 2	10/31/2025	
L103	BASE BID LANDSCAPE SITE PLAN - AREA 3	10/31/2025	
L200	BID ALTERNATE LANDSCAPE SITE PLAN - OVERALL	10/31/2025	
L201	BID ALTERNATE LANDSCAPE SITE PLAN - AREA 1	10/31/2025	
L202	BID ALTERNATE LANDSCAPE SITE PLAN - AREA 2	7/30/2025	
L203	BID ALTERNATE LANDSCAPE SITE PLAN - AREA 3	7/30/2025	
L300	LANDSCAPE PLANTING PLAN - OVERALL	10/31/2025	
L301	LANDSCAPE PLANTING PLAN - AREA 1	10/31/2025	
L302	LANDSCAPE PLANTING PLAN - AREA 2	10/31/2025	
L303	LANDSCAPE PLANTING PLAN - AREA 3	10/31/2025	
L400	LANDSCAPE PLANTING DETAILS AND SCHEDULES	10/31/2025	
L401	LANDSCAPE SITE DETAILS	10/31/2025	
L402	LANDSCAPE SITE DETAILS	10/31/2025	
L403	LANDSCAPE SITE DETAILS	10/31/2025	
L404	LANDSCAPE SITE DETAILS	10/31/2025	
L405	LANDSCAPE SITE DETAILS	10/31/2025	
L406	LANDSCAPE SITE DETAILS	10/31/2025	
L407	LANDSCAPE SITE DETAILS	10/31/2025	
L408	LANDSCAPE SITE DETAILS	10/31/2025	

1 REVISION #1 - 11/19/2025 - ADDENDUM #1 - REVISIONS TO PLANS TO ADD IN ON-SITE STOCKPILE FROM PHASE 1 CONSTRUCTION AND TO FURTHER COORDINATE UTILITIES TO THE GREENHOUSE.

TYPE OF DEVELOPMENT	SC LAW/REGULATION REFERENCE(S)	WHERE TO OBTAIN PERMIT/APPROVAL	N/A	APPLICABLE	STATUS
Air pollutant discharge	§48-1-100; R.61-62.1	SCDES - Bureau of Air Quality	X		
Asbestos abatement	**§44-87-10 et seq.; R.61-86.1**	**SCDES - Bureau of Air Quality - Asbestos**	X		
Building construction, Zoning	§6-29-950; §6-7-1270; §6-29-770	Local Municipal or County Authority		✓	Hampton County, Submitted
Construction in critical coastal areas	**§48-39-130; R.30-2**	**SCDES - Bureau of Coastal Management**	X		
Construction in navigable waters	§49-1-16; R.19-450	SCDES - Bureau of Water - Water Quality Standards	X		
Dams and reservoirs	**§49-11-200; R.72-3**	**SCDES - Bureau of Water - Dams & Reservoirs**	X		
Demolition of Real Property	§44-87-10 et seq.; R.61-86.1	SCDES - Bureau of Air Quality - Asbestos	X		
Design Review Board (BARs, SC Dept Archives & History, etc.)	**§6-29-870**	**Local Municipal or County Authority**	X		
Early Childhood Development (4K and younger)	§43-1-240; R114-500	SCDSS - Child Care Licensing	X		
Elevators	**§41-16-80, 90, & 100; R.71-5300**	**SCDLLR - Office of Elevators and Amusement Rides**	X		
Fire Department (Local)	Various local ordinances	Servicing Fire Department		✓	Hampton County, Submitted
Fire Protection Sprinkler	**§40-10-260(C)(2); R.71-8300.4**	**SCDLLR - Office of State Fire Marshal**		✓	OSFM, Submitted (Underground)
Floodplains, construction in	Various local ordinances	Local Municipal or County Authority	X		
Food service (cafeteria, concessions, temporary, etc.)	**§44-1-140(2); R.61-25**	**SC Department of Agriculture - Retail Food Safety Department**		✓	Not by Civil
Hazardous waste management, storage, and disposal	§44-56-20,60; R.61-79	SCDES - Bureau of Land and Waste Management	X		
Historical building rehabilitation	**§4-9-195(D); R.12-124, 125**	**Local Reviewing Authority**	X		
Road encroachment, local	§57-7-60 & 70	Local Municipal or County Authority	X		
Road encroachment, state	**§57-5-1080**	**Local SCDOT District Office**	X		
Sanitary sewer; grease trap	Various local	Local Municipal or County Wastewater Authority		✓	Not by Civil
Sanitary sewer; treatment & disposal	**§48-1-100; R.61-56**	**SCDES - Bureau of Water - Wastewater**	X		
Septic tank system	§48-1-100; R.61-56	SCDES - Bureau of Water - Wastewater	X		
Stormwater management and sediment and erosion control	**§48-1-100 & §48-14-30; R.61-9; R.72-305**	**SCDES - Bureau of Water; Local Authority**		✓	SCDES, Submitted
Swimming areas, natural public	R.61-50	SCDES - Bureau of Water - Recreational Waters	X		
Swimming pools, public	**§44-55-2340; R.61-51**	**SCDES - Bureau of Water - Recreational Waters**	X		
Underground injection	§48-1; R.61-87	SCDES - Bureau of Water	X		
Underground storage tanks	**§44-2-50; R.61-92**	**SCDES - Bureau of Land and Waste Management**	X		
Vocational facilities	Various	SCDLLR - Various Boards; SCDA - Food Service	X		
Waste discharge (NPDES, sewage/industrial sludge, etc.)	**§48-1-100, 110; R.61-9**	**SCDES - Bureau of Water**	X		
Water supply	§44-55-40; R.61-58.1	SCDES - Bureau of Water - Drinking Water		✓	LRWS/SCDES, Submitted
Wells	**§48-1, §44-55; R.61-71**	**SCDES - Bureau of Water - Drinking Water**	X		

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

ADC ENGINEERING
1226 YEAMANS HALL ROAD
HANAHAN, SC 29410
843-566-0161
ADCENGINEERING.COM

LS3P
205 1/2 KING STREET
CHARLESTON, SOUTH CAROLINA 29401
TEL. 843.577.4444 FAX 843.722.4789
WWW.LS3P.COM

SOUTH CAROLINA PROFESSIONAL ENGINEER ADC ENGINEERING INC. No. 00253

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 35165 RYNE WALKER HARDWICK 11/19/25

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

ADC PROJECT: 22507.10
LS3P PROJECT: 1201-217190
DATE: OCTOBER 31, 2025

CIVIL NOTES AND ABBREVIATIONS

C001

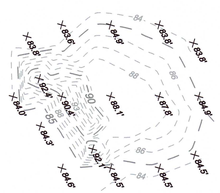
CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/EXISTING_Hampton County HS_v2022.rvt
4/14/2023 12:30:07 PM

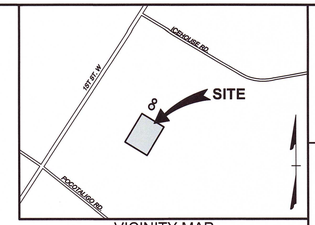
SC NAD 83 (2011)

BM #50000
EL.81.52
CAPPED RB









VICINITY MAP
SCALE: 1" = 1000'

LEGEND

INDEX CONTOUR
INTERMEDIATE CONTOUR
BENCH MARK

SCALE 1"=30'
0 30' 60'

NOTES

1. THE SURVEYED AREA DELINEATED HEREON IS LOCATED IN HAMPTON COUNTY, SOUTH CAROLINA.
2. NO SUBSURFACE INVESTIGATION WAS REQUESTED AT THE TIME OF THIS SURVEY, THEREFORE THIS DOCUMENT DOES NOT REFLECT THE EXISTENCE OR NONEXISTENCE OF NONVISABLE CONDITIONS WHICH MAY AFFECT THIS PROPERTY EXCEPT AS SHOWN HEREON.
3. THE SURVEYED AREA SHOWN HEREON APPEARS TO LIE WITHIN ZONE X AS SHOWN ON FEMA FLOOD INSURANCE RATE MAP FOR HAMPTON COUNTY, SOUTH CAROLINA, COMMUNITY PANEL NUMBER 45049C0228C & 45049C0228C, EFFECTIVE DATE SEPTEMBER 29, 2010.
4. NORTH MERIDIAN INFORMATION AS SHOWN HEREON IS BASED ON SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM, NAD 83 INTERNATIONAL FEET, DISTANCES SHOWN ARE HORIZONTAL "GROUND DISTANCES".
5. VERTICAL DATUM IS BASED ON NAVD88. CONTOUR INTERVALS ARE 1 FOOT.

I HEREBY STATE THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREIN WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARDS OF PRACTICE MANUAL FOR SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS AS SPECIFIED THEREIN.

RICHARD L. WOOTEN, JR.
SOUTH CAROLINA PROFESSIONAL LAND SURVEYOR
LICENSE NO. 19898

SOUTH CAROLINA — TIMMONS GROUP, INC. No. 3857 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL LAND SURVEYOR — No.19898 — RICHARD L. WOOTEN, JR. — 11/10/25

1

EXHIBIT OF 3 STOCKPILES
Prepared for
Hampton County School District

Hampton County	South Carolina
Date: Nov. 6, 2025	Scale: 1"= 30'
Sheet 1 of 1	J.N.: 75242
Drawn by: SCM	Checked by: RLW
Revised:	

THIS DRAWING PREPARED AT THE
CHARLESTON OFFICE
1859 Summerville Ave, Suite 500 | Charleston, SC 29405
TEL 843.466.5121 www.timmons.com

YOUR VISION ACHIEVED THROUGH OURS.

TIMMONS GROUP

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GENERAL NOTES:

1. SEE SHEET C001 FOR CIVIL ABBREVIATIONS AND GENERAL NOTES.
2. CONTRACTOR IS RESPONSIBLE FOR ALL WORK SHOWN, UNLESS SPECIFICALLY INDICATED OTHERWISE.
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5. ALL CONTRACTORS/SUBCONTRACTORS/PERSON THAT WILL BE ENGAGED IN LAND DISTURBING ACTIVITIES SHALL COMPLY WITH ALL EROSION CONTROL AND STORMWATER POLLUTION PREVENTION REQUIREMENTS CONTAINED THROUGHOUT THE DRAWINGS, SPECIFICATIONS AND PERMITS.

HORIZONTAL SCALE
80 0 40 80 160 320
(IN FEET)
1 inch = 80 ft.

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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WWW.LS3P.COM

SOUTH CAROLINA PROFESSIONAL ENGINEER ADC ENGINEERING INC. No. 00253

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 35165 11/19/25 RYAN WALKER HANDWORK

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

ADC PROJECT: 22507.10
LS3P PROJECT: 1201-217190
DATE: OCTOBER 31, 2025

EXISTING SITE & DEMOLITION PLAN - OVERALL

C100

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/EXISTING_Hampton County HS_v2022.rvt
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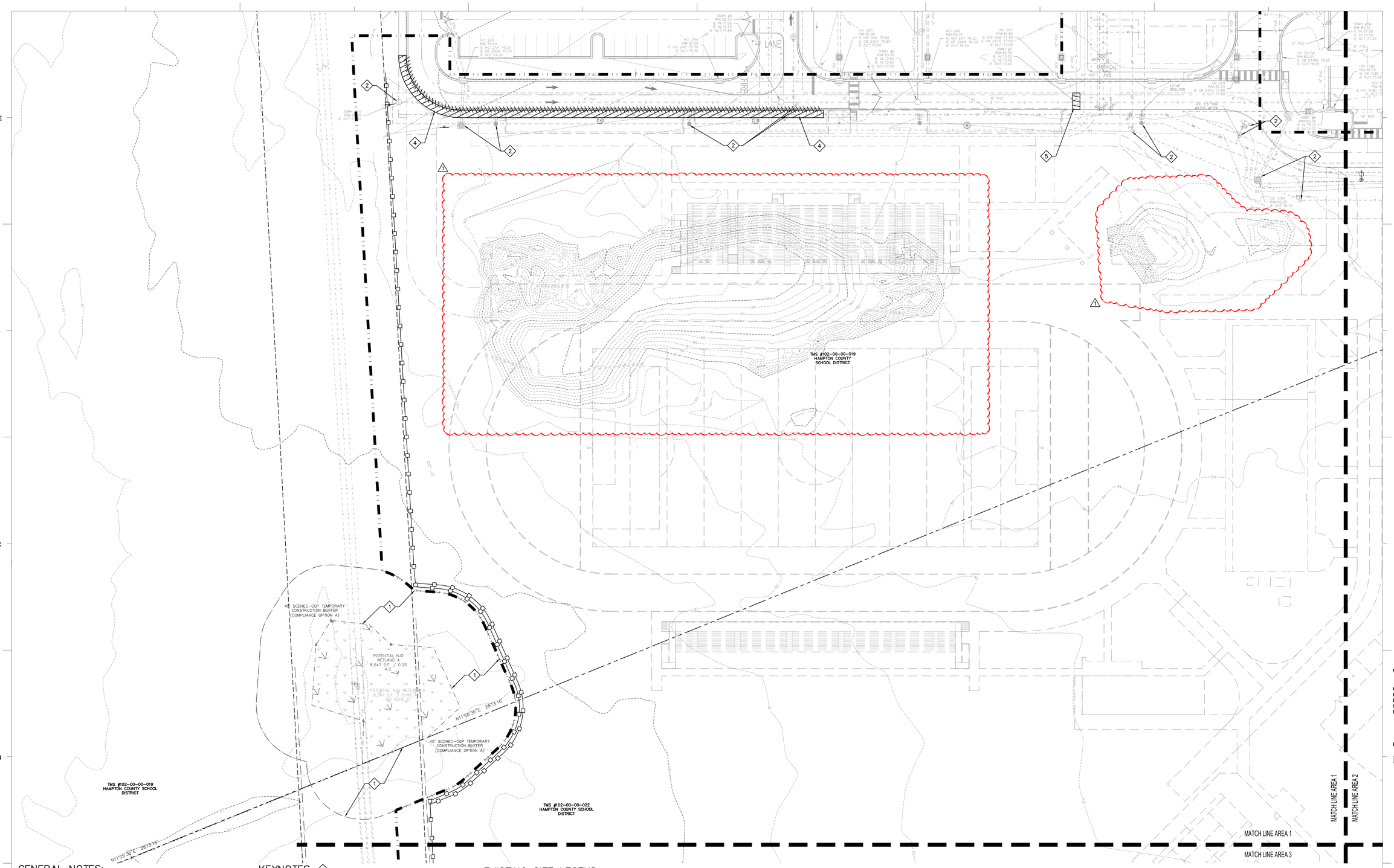

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1 2 3 4 5 6

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KEYNOTES: ◇

1. DO NOT DISTURB OR HAVE CONSTRUCTION ACTIVITY WITHIN WETLAND OR 45' TEMPORARY CONSTRUCTION BUFFER.
2. PROTECT EXISTING UTILITY TO REMAIN.
3. DEMOLISH ALL TREES ALONG THE PROPERTY BOUNDARY ABUTTING ICE HOUSE ROAD, WITHIN THE HATCHED LIMITS.
4. DEMOLISH SIDEWALK & 18' CURB & GUTTER ONLY IF BID ALTERNATE #6 IS ACCEPTED. SEE SHEET C221 FOR LOCATION OF NEW PAVEMENT AS PART OF BID ALTERNATE #6.
5. INSTALL NEW UTILITY CUT IN EXISTING ASPHALT TO TIE-IN TO EXISTING SANITARY SEWER MANHOLE. SEE SHEET C201 FOR ASPHALT REPAIR AND C401 FOR NEW SEWER UTILITY WORK.
6. COORDINATE RELOCATION OF EXISTING LIGHT POLE WITH ELECTRICAL SITE PLAN & DOMINION ENERGY. REINSTALL POLE OUTSIDE OF NEW PAVEMENT LIMITS.

EXISTING SITE LEGEND

- W – WV – : WATER LINE W/ VALVE
- WS : WATER SERVICE
- S : SANITARY SEWER PIPE
- STORM DRAIN
- P : POWER LINE (OVERHEAD)
- UP : POWER LINE (UNDERGROUND)
- UT : TELEPHONE LINE (UNDERGROUND)
- COM : COMMUNICATIONS LINE (UNDERGROUND)
- FO : FIBER OPTIC LINE
- G : GAS LINE
- SIZE/TYPE : EXISTING TREE
- PP : POWER POLE, GUY WIRE
- E HH : ELECTRICAL BOX, HAND HOLE
- LP : LIGHT POLE
- SSMH : SANITARY MANHOLE
- CB : CATCH BASIN
- FH : FIRE HYDRANT
- T T : TELEPHONE VAULT, PEDESTAL
- G : GAS METER
- X : FENCE
- SIGN
- 24 : CONTOUR
- ×23.45 : SPOT ELEVATION
- SILT FENCE – INSTALL IAW DETAIL B/C710 & THE SWPPP PLANS
- PROPERTY LINE
- LIMITS OF CONSTRUCTION/DISTURBANCE

EXISTING DEMO LEGEND

- ITEMS TO BE DEMOLISHED
- SIZE/TYPE : TREE TO BE DEMOLISHED

HORIZONTAL SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION ADC ENGINEERING INC. No. 00253

SOUTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 3516 11/14/25 RHETT WALKER HARDWICK

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

ADC PROJECT: 22507.10
LS3P PROJECT: 1201-217190
DATE: OCTOBER 31, 2025

EXISTING SITE & DEMOLITION PLAN - AREA 1

C101

CONSTRUCTION DOCUMENTS

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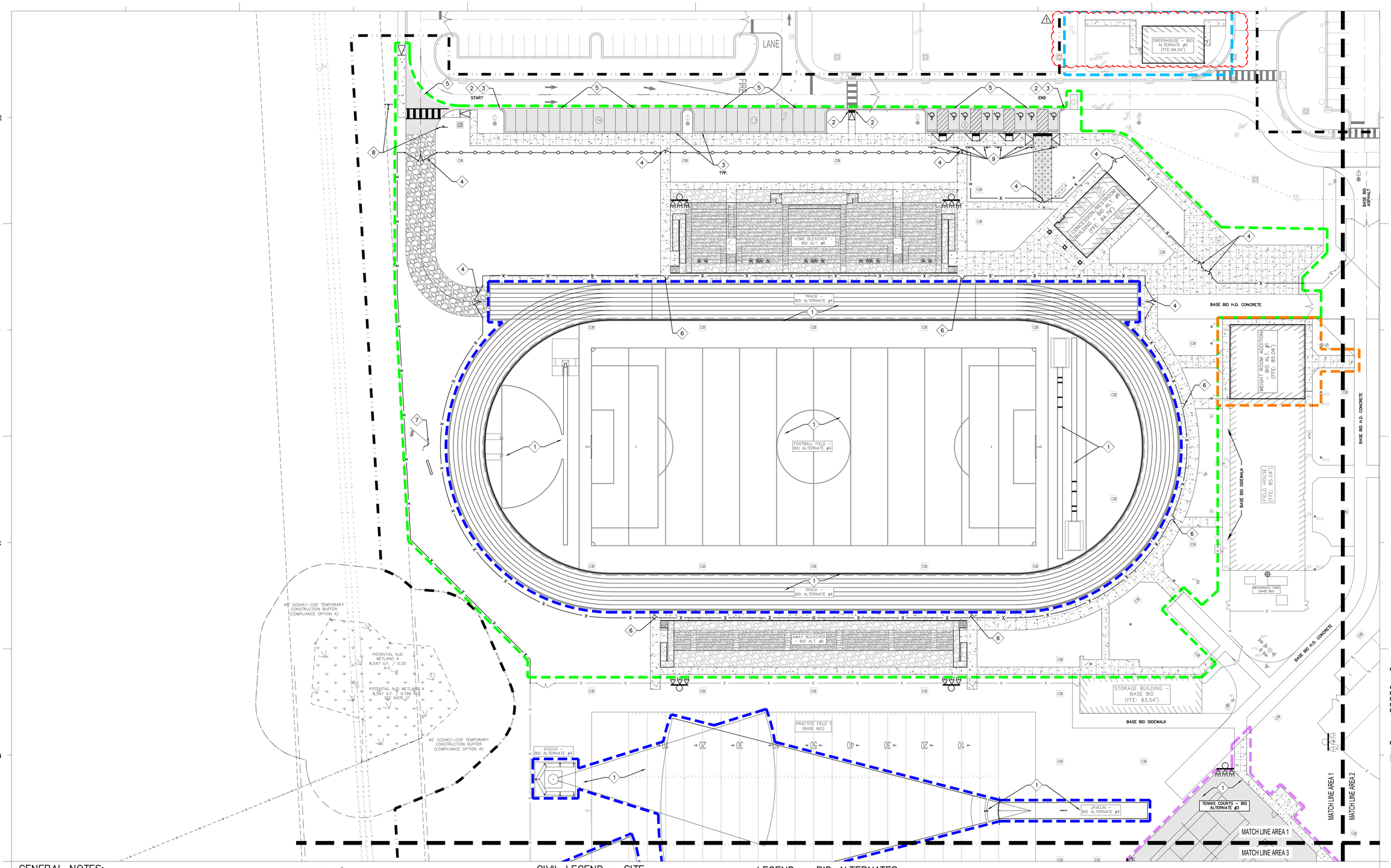

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5. ALL CONTRACTORS/SUBCONTRACTORS/PERSON THAT WILL BE ENGAGED IN LAND DISTURBING ACTIVITIES SHALL COMPLY WITH ALL EROSION CONTROL AND STORMWATER POLLUTION PREVENTION REQUIREMENTS CONTAINED THROUGHOUT THE DRAWINGS, SPECIFICATIONS AND PERMITS.

KEYNOTES:

1. INSTALL FIELD EVENT, TRACK, FIELD, OR COURT IAW LANDSCAPE PLANS.
2. TAPER CURB FROM 6" HEIGHT TO 0" HEIGHT OVER 6 LINEAR FEET.
3. INSTALL 18" CURB & GUTTER IAW DETAIL E/C620.
4. INSTALL DOUBLE SWING GATE IAW LANDSCAPE PLANS.
5. TIE-IN NEW ASPHALT TO EXISTING IAW DETAIL D/C620.
6. INSTALL PERSONNEL GATE IAW LANDSCAPE PLANS.
7. INSTALL FLAG POLE IAW LANDSCAPE PLANS.
8. INSTALL SCHOOL CROSS WALK SIGN IAW DETAIL F/C621.
9. INSTALL HANDICAP PARKING SIGN IAW DETAIL G/C621. ONLY INSTALL VAN ACCESSIBLE SING ON THE TWO (2) SPACES CLOSEST TO THE CONCESSIONS/RESTROOM BUILDING.
10. INSTALL PRESS BOX, BATTING CAGES & STORAGE BUILDING IAW ARCHITECTURAL PLANS.

CIVIL LEGEND – SITE

- STANDARD DUTY ASPHALT PAVEMENT – INSTALL IAW DETAIL A/C620.
- HEAVY DUTY CONCRETE PAVEMENT – INSTALL IAW DETAIL B/C620.
- CONCRETE PAVEMENT/SIDEWALK – INSTALL IAW DETAIL C/C620.
- GRAVEL DRIVEWAY OR MAINTENANCE ROAD – INSTALL IAW DETAIL G/C620.
- SIDEWALK RAMP – INSTALL IAW DETAIL B/C621.
- FENCING – INSTALL IAW LANDSCAPE PLANS. SEE LANDSCAPE PLANS FOR SPECIFIC STYLE, MATERIAL, GAUGE, & HEIGHT OF ALL FENCING.
- FENCING – INSTALL IAW LANDSCAPE PLANS. SEE LANDSCAPE PLANS FOR SPECIFIC STYLE, MATERIAL, GAUGE, & HEIGHT OF ALL FENCING.
- CROSSWALK – INSTALL IAW DETAILS E/C621.
- ACCESSIBLE PARKING SPACE AND AISLE – IAW DETAIL C/C621.
- NEW TRAFFIC SIGN – INSTALL PER PLAN AND IAW DETAILS F/C621.
- LIMITS OF CONSTRUCTION/LIMITS OF DISTURBANCE

LEGEND – BID ALTERNATES

- BID ALTERNATE #1 – CONTRACTOR SHALL INSTALL WEIGHT ROOM ADDITION TO THE FIELD HOUSE IAW ARCHITECTURAL PLANS.
- BID ALTERNATE 2 – CONTRACTOR SHALL INSTALL BATTING CAGES, STORAGE SHED, AND ASSOCIATED SIDEWALKS. INSTALL BASEBALL AND SOFTBALL PRESS BOX BUILDINGS.
- BID ALTERNATE 3 – CONTRACTOR SHALL INSTALL TENNIS COURTS AND ASSOCIATED SIDEWALKS.
- BID ALTERNATE 4 – CONTRACTOR SHALL INSTALL TRACK AROUND THE COMPETITION FOOTBALL FIELD, INSTALL THE FOOTBALL FIELD TO FINAL GRADES AND INSTALL DRAINAGE WITHIN TRACK, INSTALL TRACK & FIELD EVENTS.
- BID ALTERNATE 5 – CONTRACTOR SHALL INSTALL GREEN HOUSE IAW ARCHITECTURAL PLANS. INSTALL NEW ADA ACCESSIBLE WALKWAYS TO PROPOSED DOORS.
- BID ALTERNATE 6 – CONTRACTOR SHALL INSTALL FOOTBALL STADIUM BLEACHERS AND SIDEWALKS AROUND THE TRACK, CONCESSION STAND AND RESTROOMS BUILDING IAW ARCHITECTURAL PLANS, ASSOCIATED PARKING, SIDEWALKS, AND PERIMETER FENCE.

HORIZONTAL SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035165 ADC ENGINEERING INC. No. 00253 CERTIFICATE OF AUTHORIZATION

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL No. 35165 11/19/25 RENE WALKER HARDWICK

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No.	Description	Date
1	ADDENDUM #1	11/19/2025

ADC PROJECT: 22507.10
LS3P PROJECT: 1201-217190
DATE: OCTOBER 31, 2025

BID ALTERNATE SITE PLAN - AREA 1

C221

CONSTRUCTION DOCUMENTS

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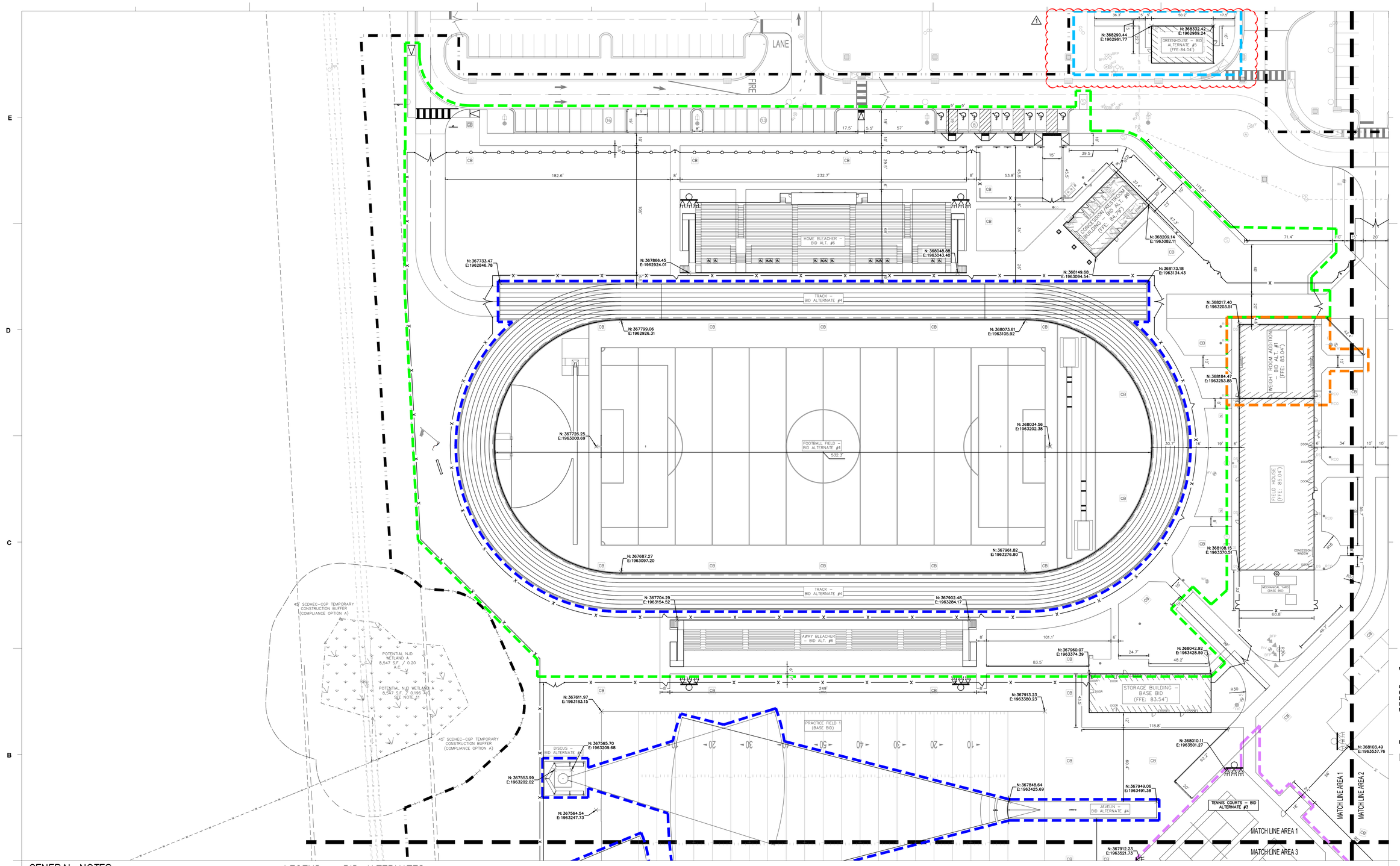

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HORIZONTAL SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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SOUTH CAROLINA – No. 35165 – 11/19/25 – REGISTERED LANDSCAPE ARCHITECT – WALKER HARDWICK

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No.	Description	Date
1	ADDENDUM #1	11/19/2025

ADC PROJECT: 22507.10
LS3P PROJECT: 1201-217190
DATE: OCTOBER 31, 2025

SITE LAYOUT & DIMENSION PLAN - AREA 1

C231

CONSTRUCTION DOCUMENTS

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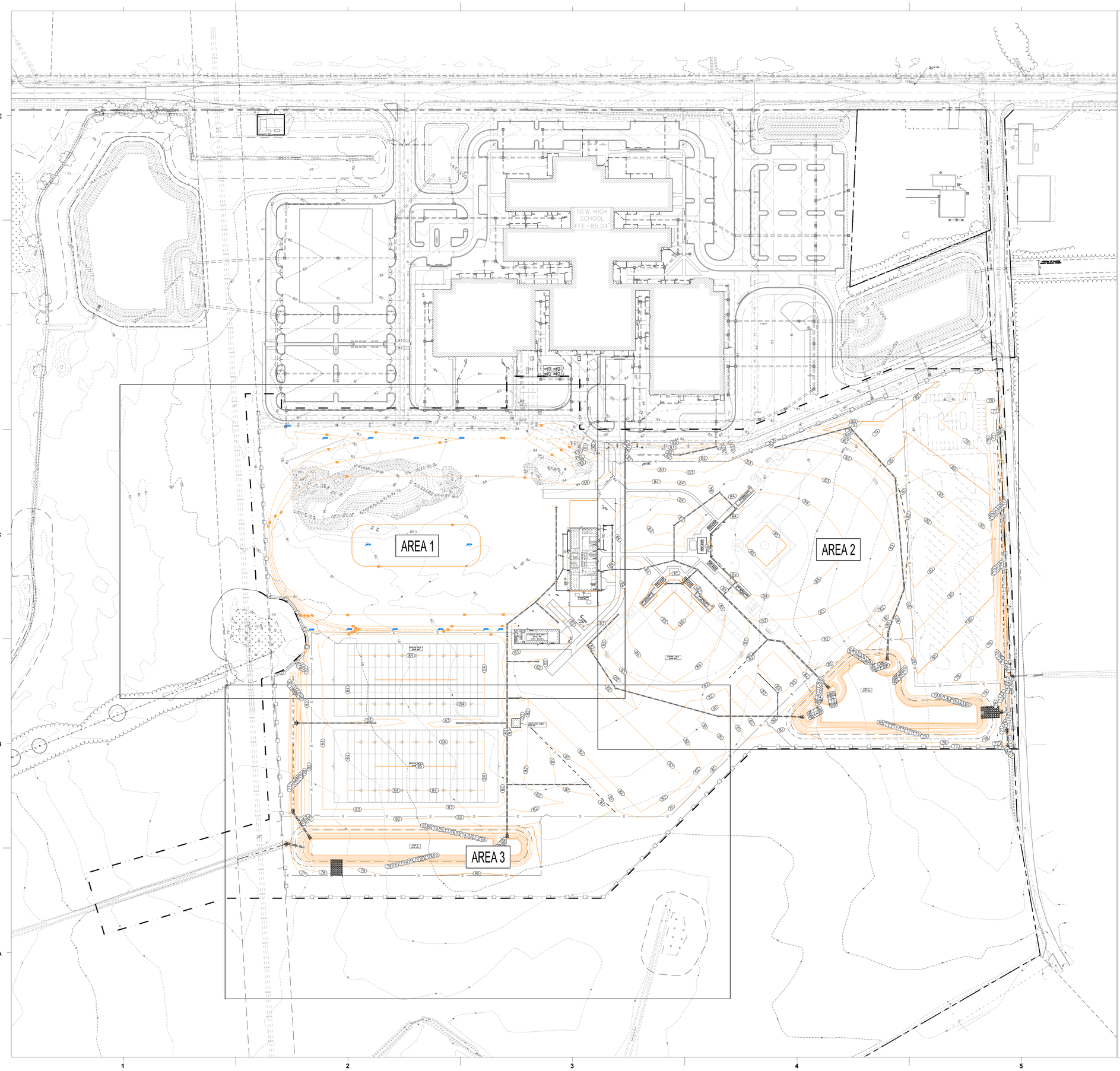

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GRADING AND DRAINAGE NOTES:

1. ALL SPOTS GIVEN ARE TO BOTTOM OF CURB OR TOP OF ASPHALT UNLESS NOTED OTHERWISE.
2. GENERAL CONTRACTOR SHALL COORDINATE ALL SITE UTILITIES AND STORM DRAINAGE INSTALLATION SCHEDULES TO AVOID POTENTIAL UTILITY CONFLICTS.

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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ADC ENGINEERING INC.
No. 00253

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 35165
11/19/25
PHIL WALKER HARDIN

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ADC PROJECT: 22507.10
LS3P PROJECT: 1201-217190
DATE: OCTOBER 31, 2025

BASE BID GRADING AND STORM DRAINAGE PLAN - OVERALL

C300

CONSTRUCTION DOCUMENTS

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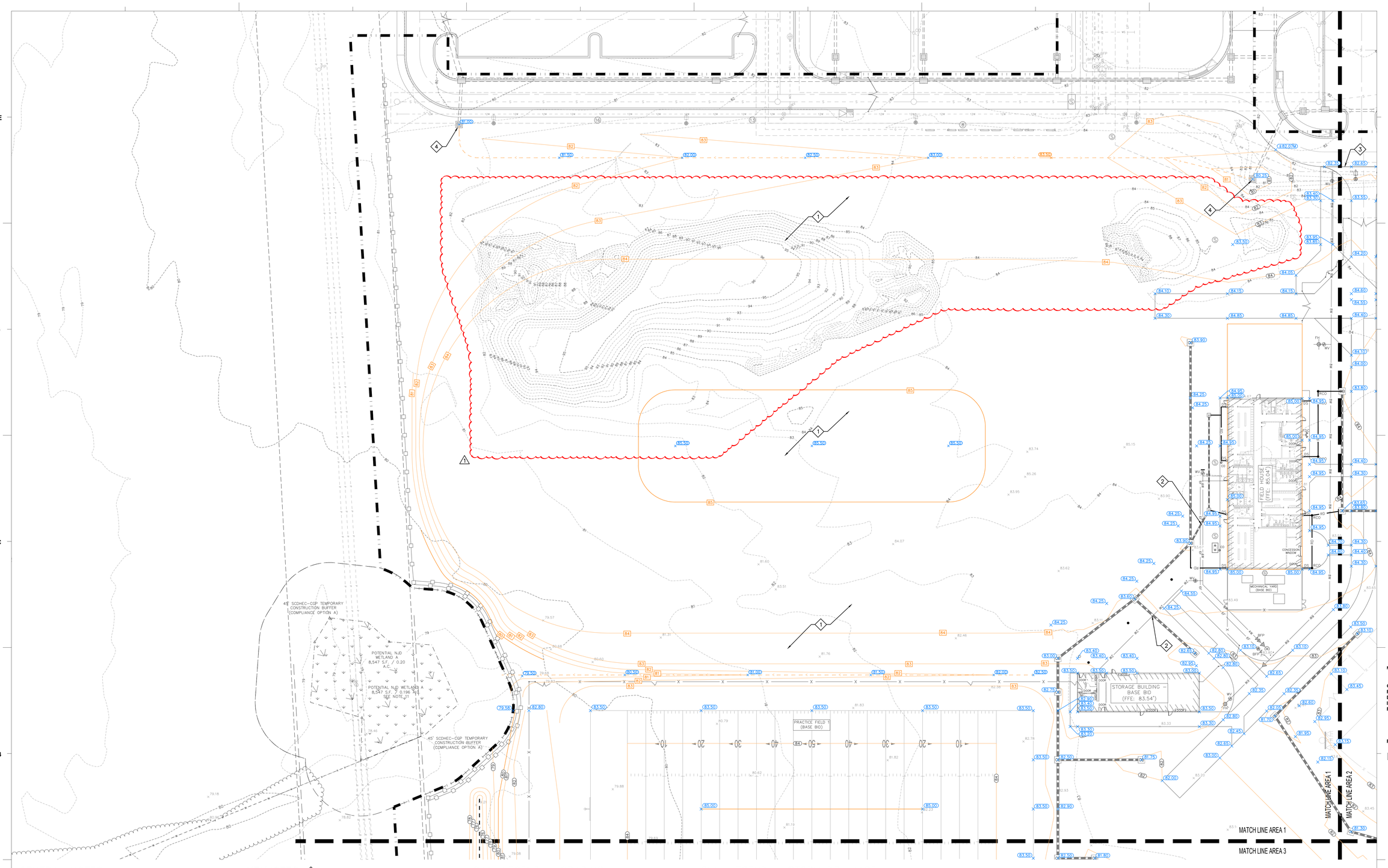

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2. GENERAL CONTRACTOR SHALL COORDINATE ALL SITE UTILITIES AND STORM DRAINAGE INSTALLATION SCHEDULES TO AVOID POTENTIAL UTILITY CONFLICTS.

KEYNOTES: ◇

1. MASS GRADE & STABILIZE THE AREA FOR THE FOOTBALL STADIUM & TRACK AS A PART OF THE BASE BID IAW THE CONTOURS, SPOT ELEVATIONS, AND SWALES SHOWN. THE STADIUM, GAME FIELD, TRACK & PAVEMENTS IN THIS AREA ARE NOT INCLUDED IN THE BASE BID.
2. INSTALL NEW STORM DRAINAGE LINE OVER/UNDER CROSSING UTILITY WITH A MINIMUM 12" OF SEPARATION. REFER TO PROFILES ON SHEET SERIES C320 FOR CROSSINGS.
3. ASPHALT/CONCRETE INSTALLED IN PHASE 1 SHALL BE FIELD VERIFIED FOR EXACT LOCATION & ELEVATION. NOTIFY ENGINEER OF ANY DISCREPANCIES. TIE-IN NEW ASPHALT OR CONCRETE FLUSH WITH EXISTING.
4. RAISE/LOWER RIM ELEVATION ON EXISTING STORM STRUCTURE TO MATCH FINISHED GRADE.
5. MASS GRADING OF FUTURE BUS LOT IS INCLUDED IN THE BASE BID. PAVEMENTS, BUILDINGS, WALKS, ETC. ASSOCIATED INCLUDED IN THIS CONTRACT.

CIVIL LEGEND – GRADING

- (127.25) — BASE BID FINISHED GRADE SPOT ELEVATION
- ±127.46M — BASE BID FINISHED GRADE SPOT ELEVATION TO MATCH EXISTING
- (11) — NEW FINISHED CONTOUR
- x 14.00 — EXISTING GRADE SPOT
- 19 — EXISTING GRADE CONTOUR
- DRAINAGE FLOW ARROW
- INSTALL SWALE IAW DETAIL D/C630.
- 3:1 — SLOPE AND SLOPE DIRECTION
- LIMITS OF CONSTRUCTION/LIMITS OF DISTURBANCE
- EMERGENCY SPILLWAY – INSTALL IAW POND DETAILS ON SHEET C631 & ELEVATIONS SHOWN ON THE GRADING PLANS.

CIVIL LEGEND – STORM DRAINAGE

- CB — CATCH BASIN – INSTALL IAW DETAIL A/C630.
- CS — CONTROL STRUCTURE – INSTALL IAW DETAIL E/C631 OR F/C631.
- LI — LAWN INLET – INSTALL IAW DETAIL F/C630.
- HOODED CURB INLET WITH ADA GRATE – INSTALL IAW DETAIL G/C630.
- STORM DRAINAGE PIPE – INSTALL IAW DETAIL B/C630.
- DS — DOWNSPOUT – INSTALL IAW ARCHITECTURAL PLANS & DETAIL D/C631.
- RD — ROOF DRAINAGE PIPE – INSTALL IAW DETAIL B/C631. PIPE SHALL BE 6" SDR 26 PVC UNLESS NOTED OTHERWISE ON PLANS.
- RCO — ROOF DRAINAGE CLEANOUT – INSTALL IAW DETAIL B/C631.
- UD — UNDERDRAIN – INSTALL IAW DETAIL E/C630.
- FD — 8" FIELD DRAIN – INSTALL IAW DETAIL H/C630.
- BEVELED END SECTION – INSTALL IAW DETAIL A/C630.
- PERMANENT RIP RAP APRON – INSTALL IAW DETAIL C/C710.

HORIZONTAL SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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HANAHAN, SC 29410
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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 00253 ADC ENGINEERING INC. 11/19/25

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 35165 11/19/25 WALKER HARDWICK

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

ADC PROJECT: 22507.10
LS3P PROJECT: 1201-217190
DATE: OCTOBER 31, 2025

BASE BID GRADING PLAN - AREA 1

C301

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/EXISTING_Hampton County HS_v2022.rvt
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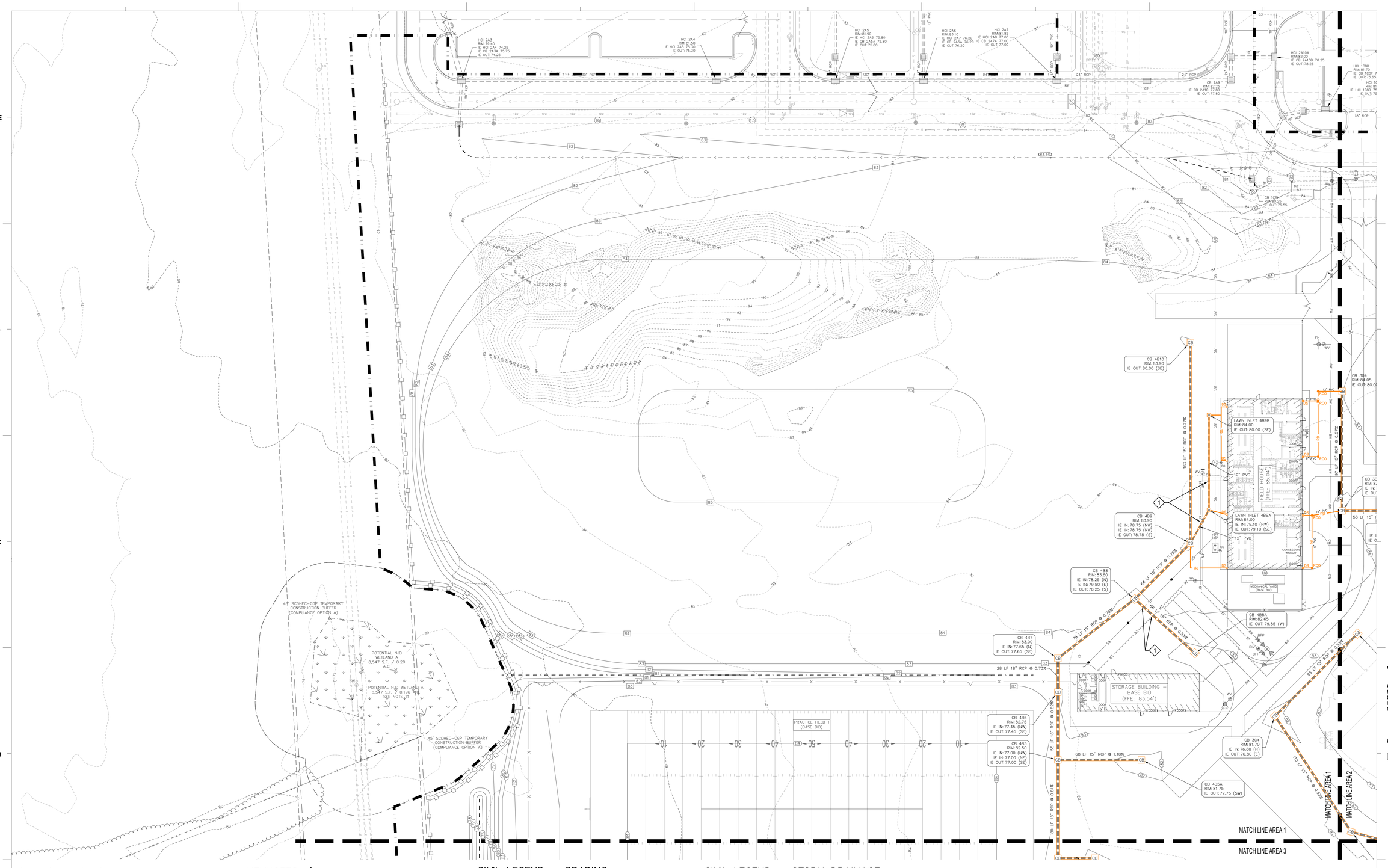

GENERAL NOTES:

1. SEE SHEET C001 FOR CIVIL NOTES AND ABBREVIATIONS.
2. CONTRACTOR IS RESPONSIBLE FOR ALL WORK SHOWN, UNLESS SPECIFICALLY INDICATED OTHERWISE.
3. CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE THE EXTENT OF THE PROJECT.
4. ALL PROJECT STAKEOUT SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR TO BE PAID FOR BY THE CONTRACTOR. FOR STAKEOUT, DO NOT RELY SOLELY ON THE PHYSICAL SCALE AS SHOWN IN DRAWINGS. REFER TO THE GIVEN DIMENSIONS, SYMBOL LEGEND, KEYNOTES, AND REFERENCED DETAILS FOR CORRECT STAKEOUT.
5. ALL CONTRACTORS/SUBCONTRACTORS/PERSON THAT WILL BE ENGAGED IN LAND DISTURBING ACTIVITIES SHALL COMPLY WITH ALL EROSION CONTROL AND STORMWATER POLLUTION PREVENTION REQUIREMENTS CONTAINED THROUGHOUT THE DRAWINGS, SPECIFICATIONS AND PERMITS.

GRADING AND DRAINAGE NOTES:

1. ALL SPOTS GIVEN ARE TO BOTTOM OF CURB OR TOP OF ASPHALT UNLESS NOTED OTHERWISE.
2. GENERAL CONTRACTOR SHALL COORDINATE ALL SITE UTILITIES AND STORM DRAINAGE INSTALLATION SCHEDULES TO AVOID POTENTIAL UTILITY CONFLICTS.

KEYNOTES: ◇

1. INSTALL STORM DRAIN OVER/UNDER CROSSING UTILITY WITH A MINIMUM 12" OF SEPARATION SEE PROFILE VIEWS FOR CROSSINGS.
2. RAISE/LOWER RIM ELEVATION ON EXISTING STORM STRUCTURE TO MATCH FINISHED GRADE.
3. CORE-IN TO EXISTING DRAINAGE STRUCTURE TO INSTALL NEW STORM DRAINAGE PIPE.

CIVIL LEGEND – GRADING

- (127.25) — BASE BID FINISHED GRADE SPOT ELEVATION
- (±127.46M) — BASE BID FINISHED GRADE SPOT ELEVATION TO MATCH EXISTING
- (1) — NEW FINISHED CONTOUR
- X 14.00 — EXISTING GRADE SPOT
- —19— — EXISTING GRADE CONTOUR
- DRAINAGE FLOW ARROW
- INSTALL SWALE IAW DETAIL D/C630.
- 3:1 — SLOPE AND SLOPE DIRECTION
- LIMITS OF CONSTRUCTION/LIMITS OF DISTURBANCE
- EMERGENCY SPILLWAY – INSTALL IAW POND DETAILS ON SHEET C631 & ELEVATIONS SHOWN ON THE GRADING PLANS.

CIVIL LEGEND – STORM DRAINAGE

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SOUTH CAROLINA PROFESSIONAL ENGINEER
ADC ENGINEERING INC.
No. 00253
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 35165
11/19/25
WILLIAM WALKER HARDWICK III

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HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

ADC PROJECT: 22507.10
LS3P PROJECT: 1201-217190
DATE: OCTOBER 31, 2025

BASE BID STORM DRAINAGE PLAN - AREA 1

C311

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/EXISTING_Hampton County HS_v2022.rvt
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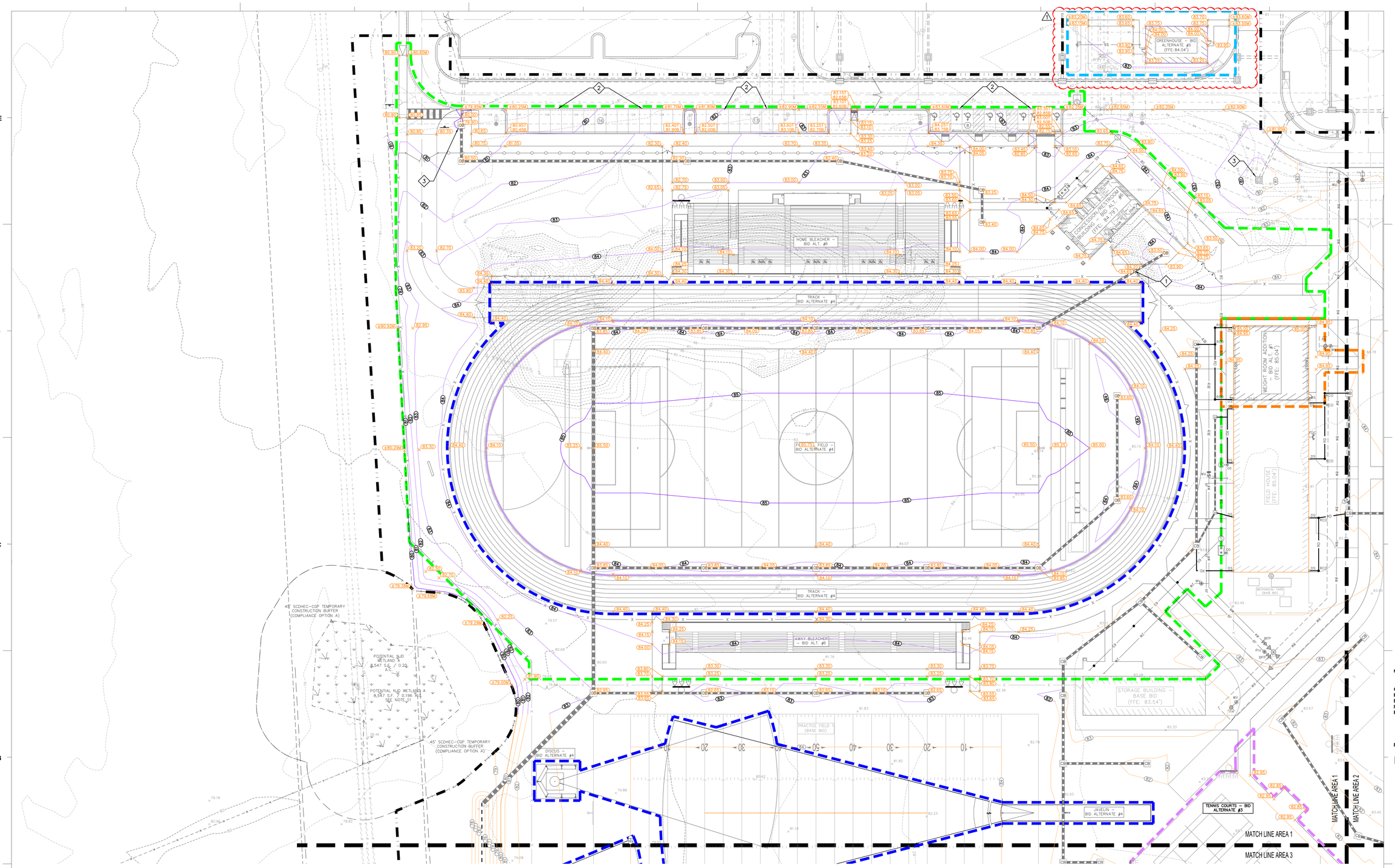

GENERAL NOTES:

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2. CONTRACTOR IS RESPONSIBLE FOR ALL WORK SHOWN, UNLESS SPECIFICALLY INDICATED OTHERWISE.
3. CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE THE EXTENT OF THE PROJECT.
4. ALL PROJECT STAKEOUT SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR TO BE PAID FOR BY THE CONTRACTOR. FOR STAKEOUT, DO NOT RELY SOLELY ON THE PHYSICAL SCALE AS SHOWN IN DRAWINGS. REFER TO THE GIVEN DIMENSIONS, SYMBOL LEGEND, KEYNOTES, AND REFERENCED DETAILS FOR CORRECT STAKEOUT.
5. ALL CONTRACTORS/SUBCONTRACTORS/PERSON THAT WILL BE ENGAGED IN LAND DISTURBING ACTIVITIES SHALL COMPLY WITH ALL EROSION CONTROL AND STORMWATER POLLUTION PREVENTION REQUIREMENTS CONTAINED THROUGHOUT THE DRAWINGS, SPECIFICATIONS AND PERMITS.

GRADING AND DRAINAGE NOTES:

1. ALL SPOTS GIVEN ARE TO BOTTOM OF CURB OR TOP OF ASPHALT UNLESS NOTED OTHERWISE.
2. GENERAL CONTRACTOR SHALL COORDINATE ALL SITE UTILITIES AND STORM DRAINAGE INSTALLATION SCHEDULES TO AVOID POTENTIAL UTILITY CONFLICTS.

KEYNOTES: ◇

1. INSTALL NEW STORM DRAINAGE LINE OVER/UNDER CROSSING UTILITY WITH A MINIMUM 12" OF SEPARATION. REFER TO PROFILES ON SHEET SERIES C320 FOR CROSSINGS.
2. ASPHALT/CONCRETE INSTALLED IN PHASE 1 SHALL BE FIELD VERIFIED FOR EXACT LOCATION & ELEVATION. NOTIFY ENGINEER OF ANY DISCREPANCIES. TIE–IN NEW ASPHALT OR CONCRETE FLUSH WITH EXISTING.
3. RAISE/LOWER RIM ELEVATION ON EXISTING STORM STRUCTURE TO MATCH FINISHED GRADE.

CIVIL LEGEND – GRADING

- (127.25) BID ALTERNATE FINISHED GRADE SPOT ELEVATION
- (127.46M) BID ALTERNATE FINISHED GRADE SPOT ELEVATION TO MATCH EXISTING
- 110 BID ALTERNATE FINISHED CONTOUR
- X 14.00 EXISTING GRADE SPOT
- 109 EXISTING GRADE CONTOUR
- DRAINAGE FLOW ARROW
- INSTALL SWALE IAW DETAIL D/C630.
- 3:1 SLOPE AND SLOPE DIRECTION
- LIMITS OF CONSTRUCTION/LIMITS OF DISTURBANCE
- EMERGENCY SPILLWAY – INSTALL IAW POND DETAILS ON SHEET C631 & ELEVATIONS SHOWN ON THE GRADING PLANS.

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- FD 8" FIELD DRAIN – INSTALL IAW DETAIL H/C630.
- BEVELED END SECTION – INSTALL IAW DETAIL A/C630.
- PERMANENT RIP RAP APRON – INSTALL IAW DETAIL C/C710.

LEGEND – BID ALTERNATES

- BID ALTERNATE #1 – CONTRACTOR SHALL INSTALL WEIGHT ROOM ADDITION TO THE FIELD HOUSE IAW ARCHITECTURAL PLANS.
- BID ALTERNATE 2 – CONTRACTOR SHALL INSTALL BATTING CAGES, STORAGE SHED, AND ASSOCIATED SIDEWALKS. INSTALL BASEBALL AND SOFTBALL PRESS BOX BUILDINGS.
- BID ALTERNATE 3 – CONTRACTOR SHALL INSTALL TENNIS COURTS AND ASSOCIATED SIDEWALKS.
- BID ALTERNATE 4 – CONTRACTOR SHALL INSTALL TRACK AROUND THE COMPETITION FOOTBALL FIELD, INSTALL THE FOOTBALL FIELD TO FINAL GRADES AND INSTALL DRAINAGE WITHIN TRACK, INSTALL TRACK & FIELD EVENTS.
- BID ALTERNATE 5 – CONTRACTOR SHALL INSTALL GREEN HOUSE IAW ARCHITECTURAL PLANS.
- BID ALTERNATE 6 – CONTRACTOR SHALL INSTALL FOOTBALL STADIUM BLEACHERS AND SIDEWALKS AROUND THE TRACK, CONCESSION STAND AND RESTROOMS BUILDING IAW ARCHITECTURAL PLANS, ASSOCIATED PARKING, SIDEWALKS, AND PERIMETER FENCE.

HORIZONTAL SCALE
30 0 15 30 60 120
(IN FEET)
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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035165 ADC ENGINEERING INC. No. 00253 11/19/25 WALKER HARDWICK

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL No. 35165 11/19/25 WALKER HARDWICK

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

ADC PROJECT: 22507.10
LS3P PROJECT: 1201-217190
DATE: OCTOBER 31, 2025

BID ALTERNATE GRADING PLAN - AREA 1

C321

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS\EXISTING_Hampton County HS_v2022.rvt
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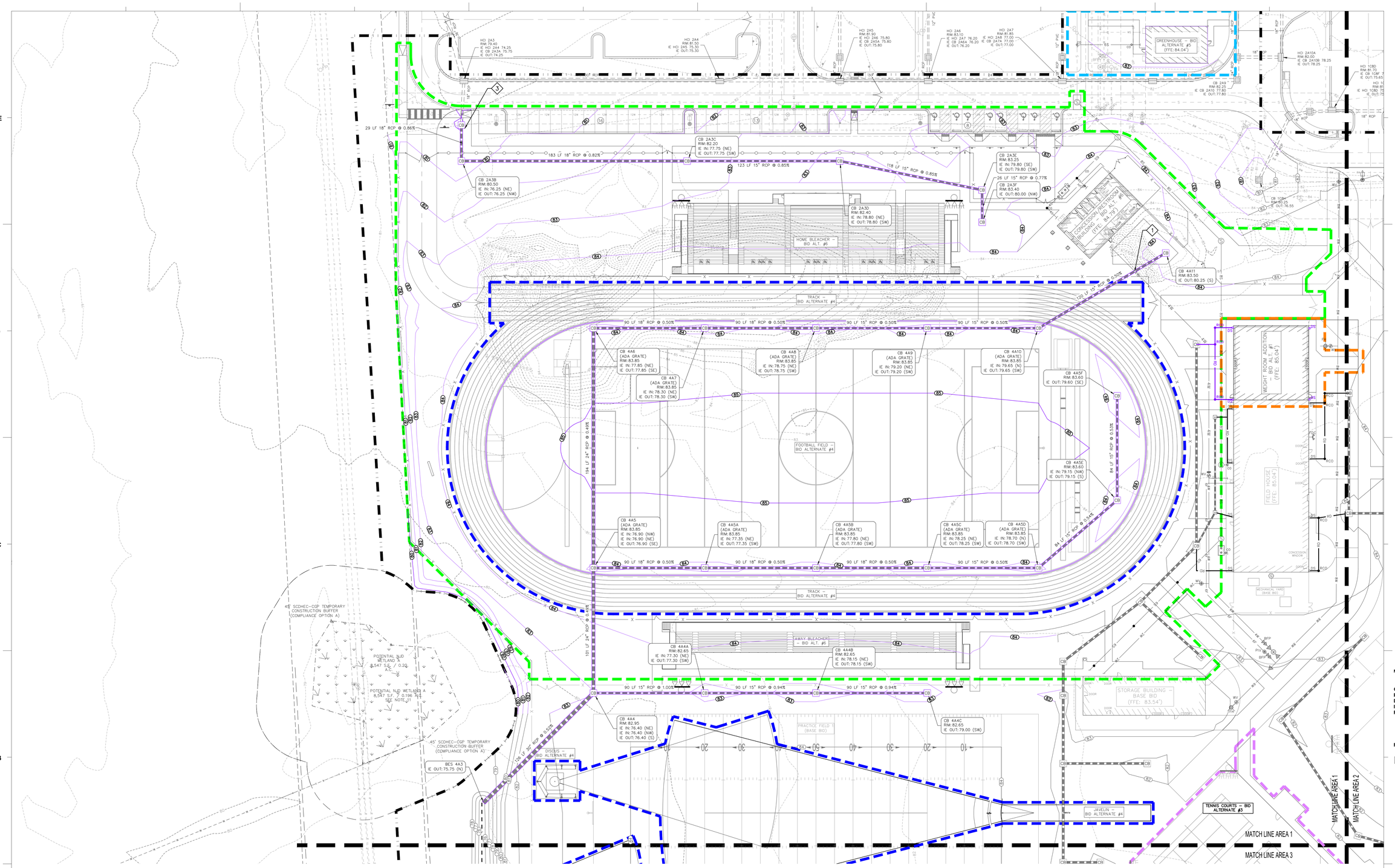

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GRADING AND DRAINAGE NOTES:

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KEYNOTES: ◇

1. INSTALL STORM DRAIN OVER/UNDER CROSSING UTILITY WITH A MINIMUM 12" OF SEPARATION SEE PROFILE VIEWS FOR CROSSINGS.
2. RAISE/LOWER RIM ELEVATION ON EXISTING STORM STRUCTURE TO MATCH FINISHED GRADE.
3. CORE-IN TO EXISTING DRAINAGE STRUCTURE TO INSTALL NEW STORM DRAINAGE PIPE.

CIVIL LEGEND – GRADING

- 127.25 — BASE BID FINISHED GRADE SPOT ELEVATION
- ±127.46M — BASE BID FINISHED GRADE SPOT ELEVATION TO MATCH EXISTING
- 11 — NEW FINISHED CONTOUR
- X 14.00 — EXISTING GRADE SPOT
- 19 — EXISTING GRADE CONTOUR
- DRAINAGE FLOW ARROW
- INSTALL SWALE IAW DETAIL D/C630.
- 3:1 — SLOPE AND SLOPE DIRECTION
- LIMITS OF CONSTRUCTION/LIMITS OF DISTURBANCE
- EMERGENCY SPILLWAY – INSTALL IAW POND DETAILS ON SHEET C631 & ELEVATIONS SHOWN ON THE GRADING PLANS.

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SOUTH CAROLINA PROFESSIONAL ENGINEER ADC ENGINEERING INC. No. 00253 REGISTERED ENGINEERING FIRM

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 35165 11/19/25 WALKER HARDWICK REGISTERED LANDSCAPE ARCHITECT

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1	ADDENDUM #1	11/19/2025

ADC PROJECT: 22507.10
LS3P PROJECT: 1201-217190
DATE: OCTOBER 31, 2025

BID ALTERNATE STORM DRAINAGE PLAN - AREA 1

C331

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/EXISTING_Hampton County HS_v2022.rvt
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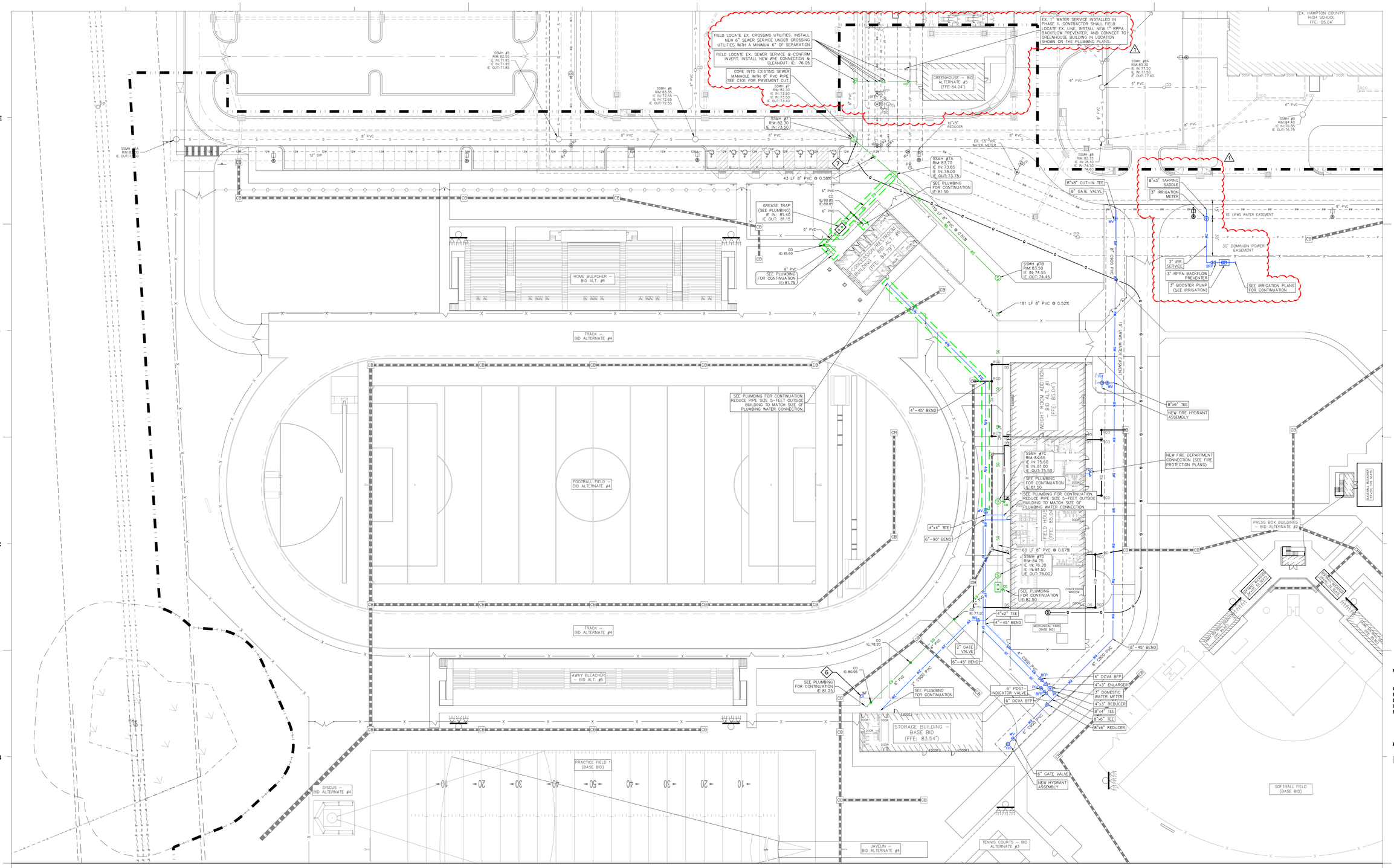

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UTILITY NOTES:

1. GENERAL CONTRACTOR SHALL COORDINATE ALL SITE UTILITIES AND STORM DRAINAGE INSTALLATION SCHEDULES TO AVOID POTENTIAL UTILITY CONFLICTS.
2. FIRE SERVICE LINE AND ALL ASSOCIATED FIRE SERVICE ITEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH NFPA 24 REQUIREMENTS.
3. UTILITY CONTRACTOR SHALL PROVIDE WATER AND SEWER RECORD DRAWINGS AND EASEMENT PLATS IN ACCORDANCE WITH UTILITY PROVIDER'S REQUIREMENTS.

KEYNOTES: ◇

1. INSTALL WATER LINE WITH A MINIMUM OF 36" OF COVER AND A MINIMUM 18" OF SEPARATION WITH CROSSING UTILITY. INSTALL VERTICAL OFFSET IAW DETAILS F/C640, WHERE NOTED.
2. INSTALL 3" DOMESTIC WATER METER AND 4" BACKFLOW PREVENTER IAW DETAIL E/C641.
3. INSTALL 2" IRRIGATION METER AND 2" RPPA BACKFLOW PREVENTER IAW DETAIL H/C641.
4. CONTRACTOR SHALL FIELD LOCATE SIZE/DEPTH/INVERT/ ETC. OF EXISTING UTILITY. CONTRACTOR SHALL COORDINATE WITH UTILITY PROVIDER IF RELOCATION IS NECESSARY.
5. INSTALL WATER & SEWER LINE TO CONCESSION STAND ONLY IF BID ALTERNATE 6 IS ACCEPTED.
6. INSTALL FIRE SPRINKLER SERVICE LINE. STUB-UP INSIDE BUILDING 1' ABOVE FFE WITH A BLIND FLANGE. COORDINATE LOCATION & ELEVATION WITH ARCHITECTURAL DRAWINGS AND FIRE PROTECTION DRAWINGS. FLUSH FIRE LINE IAW FIRE PROTECTION SPECIFICATIONS AND COORDINATE FLUSHING WATER FIRE PROTECTION ENGINEER AND GENERAL CONTRACTOR. PROVIDE ALL MATERIALS, INSTALLATION, TESTING, AND CERTIFICATIONS IAW NFPA REQUIREMENTS.
7. INSTALL OUTSIDE DROP MANHOLE IAW DETAIL D/C642.

CIVIL LEGEND – WATER AND SEWER

- FH — FIRE HYDRANT ASSEMBLY – INSTALL IAW DETAIL B/C640.
- WV — GATE VALVE – INSTALL IAW DETAIL C/C640.
- PIV — POST INDICATOR VALVE – INSTALL IAW DETAIL A/C641.
- W — 3" DOMESTIC WATER METER – INSTALL IAW DETAIL E/C641.
- BFP — BACKFLOW PREVENTER – FOR DOMESTIC WATER SERVICE, INSTALL 4" DCVA BACKFLOW IAW DETAIL E/C641. FOR FIRE WATER SERVICE, INSTALL 6" DCDA BACKFLOW IAW DETAIL H/C641. FOR IRRIGATION, INSTALL 2" RPPA BACKFLOW IAW DETAIL H/C641.
- 8W — DOMESTIC WATER PIPING – INSTALL SIZE AS INDICATED ON PLANS (EX. 8W = 8") AND IAW DETAIL A/C640. MATERIAL SHALL BE C900 PVC FOR 8" & SMALLER PIPING. INSTALL RESTRAINED GLANDS OR RESTRAINED GASKET FOR FULL LENGTH OF WATER MAIN IAW DETAIL D/ & E/C640.
- 6F — FIRE WATER PIPING – INSTALL SIZE AS INDICATED ON PLANS (EX. 6F = 6") AND IAW DETAIL A/C640. MATERIAL SHALL BE DIP. INSTALL RESTRAINED GLANDS OR RESTRAINED GASKET FOR FULL LENGTH OF WATER MAIN IAW DETAIL D/ & E/C640.
- S — SEWER MANHOLE – INSTALL IAW DETAIL C/C642.
- CO — SEWER CLEANOUT – INSTALL USING 50' MIN. SPACING AND IAW DETAIL A/C642.
- GREASE TRAP OR OIL WATER SEPARATOR – INSTALL IAW PLUMBING PLANS.
- 8S — SEWER MAIN/SERVICE PIPING – INSTALL SIZE AS INDICATED ON PLANS (EX. 8S = 8") AND IAW DETAIL B/C642.
- G — UNDERGROUND GAS LINE – COORDINATE SIZE, LOCATIONS AND MATERIAL WITH DOMINION ENERGY. INSTALLATION BY DOMINION.
- GV — GAS VALVE – COORDINATE INSTALLATION WITH DOMINION ENERGY.
- GAS METER – COORDINATE INSTALLATION WITH DOMINION ENERGY.
- LIMITS OF CONSTRUCTION/LIMITS OF DISTURBANCE

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NORTH CAROLINA – ADC ENGINEERING, INC. – No. C-0253 – REGISTERED ENGINEERING CORPORATION

No. 35165 – 11/19/25 – JOHN WALKER HARDWICK – NORTH CAROLINA – REGISTERED LANDSCAPE ARCHITECT

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HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

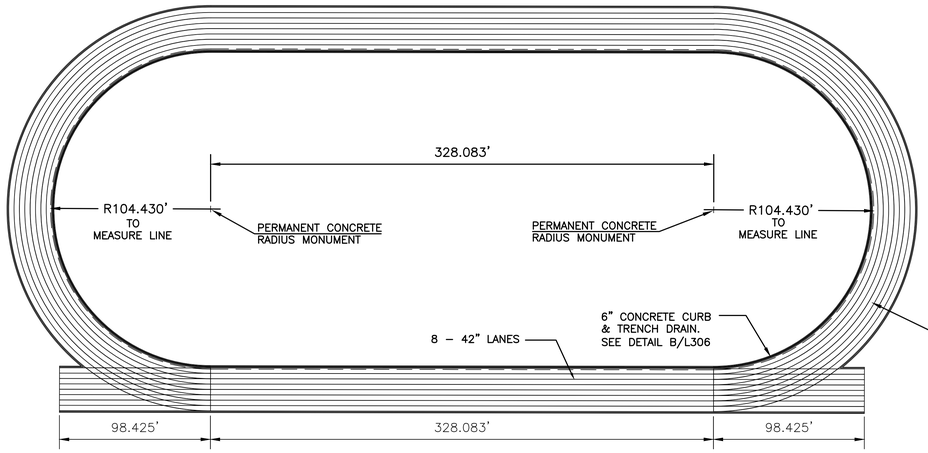
ADC PROJECT: 22507.10
LS3P PROJECT: 1201-217190
DATE: OCTOBER 31, 2025

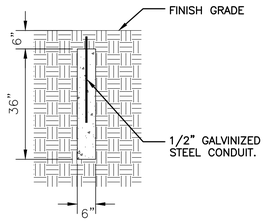
SITE UTILITY PLAN - AREA 1

C401

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS\EXISTING_Hampton County HS_v2022.rvt
4/14/2023 12:30:07 PM



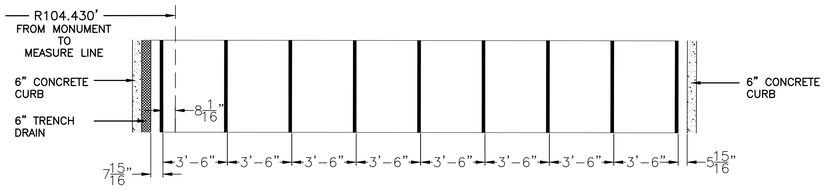


CONCRETE RADIUS MONUMENT

NOTES:
1. SEE GRADING PLAN FOR ALL DRAINAGE & GRADING INFORMATION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRACK LANE MARKINGS. THEY SHALL BE INSTALLED BY AN EXPERIENCED PROFESSIONAL LINE PAINTER UTILIZING PAINTS & COLORS IN ACCORDANCE WITH SPECS ISSUED BY THE SYNTHETIC SURFACE MANUFACTURER AND GOVERNING RULES OF THE NFSHSA AND ASBA.
3. ALL FIELD SURFACES SHALL BE A MINIMUM OF 2" & A MAXIMUM OF 3" BELOW TRACK & RUNWAY SURFACES.

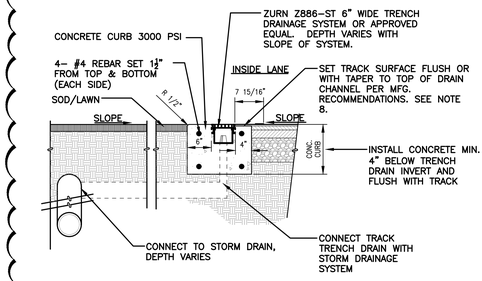
D_TRACK_LAYOUT.DWG
SCALE: 1"=50'

TRACK PLAN

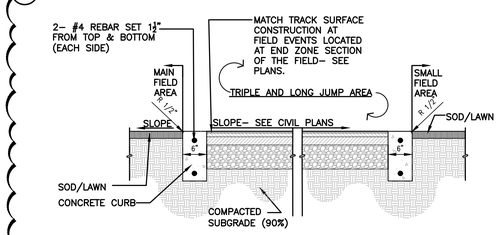


1 DETAIL - TRACK LAYOUT
NO SCALE

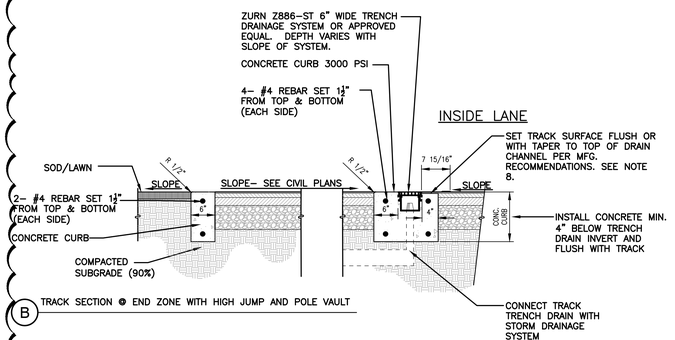
LANE DIMENSIONS AND LAYOUT



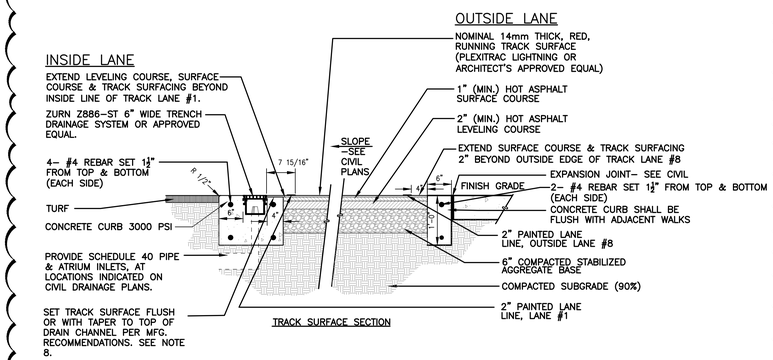
D TURF SECTION @ RUNNING TRACK (STRAIGHT SECTIONS)



C TRACK SECTION @ END ZONE WITH LONG JUMP AND TRIPLE JUMP



B TRACK SECTION @ END ZONE WITH HIGH JUMP AND POLE VAULT



TRACK SURFACE SECTION

A TRACK SECTION @ SIDEWALK AND FIELD

NOTES:
1. ANY FILL REQUIRED IN TRACK AREA SHALL BE PROVIDED IN LIFTS W/ EACH LAYER COMPACTED TO NOT LESS THAN 90%.
2. STABILIZED AGGREGATE BASE COURSE SHALL BE NO LESS THAN 6" WHEN COMPACTED USING AN 8–10 TANDEM ROLLER.
3. LEVELING COURSE SHALL CONTAIN AGGREGATE W/ MAXIMUM SIZE OF 3/8" – 3/4" & SHALL BE COMPACTED BY ROLLING W/ A 2–6 TON TANDEM ROLLER.
4. SURFACE COURSE SHALL CONTAIN AGGREGATE W/ MAXIMUM SIZE OF 3/8" & SHALL BE COMPACTED BY ROLLING W/ A 2–6 TON TANDEM ROLLER.
5. ASPHALT SURFACE SHALL BE CLEAN, & SHALL MEET ALL PLANARITY TOLERANCES SET FORTH BY U.S. TENNIS COURT & TRACK BUILDERS ASSOCIATION IN THE TRACK MANUAL FOR A HOT LEVELING COURSE & SYNTHETIC COURSE & SYNTHETIC CUSHION COURSE RUNNING TRACK, PRIOR TO INSTALLATION OF SYNTHETIC SURFACING.
6. COMPLETED TRACK SURFACE SHALL BE TESTED FOR DENSITY. (SEE SPECIFICATIONS FOR REQUIREMENTS.)
7. CALIBRATING AND MARKING SHALL BE DONE BY AN EXPERIENCED TRACK MARKING SPECIALIST, WHO HAS SUITABLE EQUIPMENT AND IS KNOWLEDGEABLE ABOUT THE RELATIVE POSITION OF THE DESIGNATED POINTS TO THE PAINTED MARKINGS.
8. ADJUST TRACK SURFACE ELEVATION FOR DRAINAGE PER SURFACING MANUFACTURER RECOMMENDATIONS IN REGARD TO SURFACING POROSITY AND APPROPRIATE DRAINAGE. PROVIDE SHOP DRAWINGS TO SHOW DETAIL OF TRACK STRUCTURE.
9. TRACK COLOR TO BE APPROVED BY OWNER.

2 DETAIL - TRACK DETAILS
NO SCALE

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1226 YEAMANS HALL ROAD
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HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

SOUTH CAROLINA STATE OF AUTHORIZATION
ADC ENGINEERING INC.
No. 00253

STATE OF SOUTH CAROLINA REGISTERED LANDSCAPE ARCHITECT
No. 402
10/31/25
WARREN DEWITT

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LANDSCAPE SITE DETAILS

L406

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/EXISTING_Hampton County HS_v2022.rvt
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INSTALLATION GENERAL NOTES

1. **THE SYSTEM DESIGN ASSUMES A MINIMUM DYNAMIC PRESSURE FOR THE IRRIGATION SYSTEM OF 80 PSI, AT A DESIGN FLOW OF 175 GPM AT THE 3-INCH IRRIGATION POINT-OF-CONNECTION (POC). TAP, METER, BACKFLOW PREVENTER, MASTER VALVE AND FLOW METER SHALL BE SIZED AS INDICATED IN THE DRAWING LEGEND. VERIFY PRESSURE AND FLOW ON SITE PRIOR TO CONSTRUCTION.**

2. **READ THOROUGHLY AND BECOME FAMILIAR WITH THE SPECIFICATIONS AND INSTALLATION DETAILS FOR THIS AND RELATED WORK PRIOR TO CONSTRUCTION.**

3. **COORDINATE UTILITY LOCATES ("CALL BEFORE YOU DIG") OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.**

4. **DO NOT PROCEED WITH THE INSTALLATION OF THE IRRIGATION SYSTEM WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS OR GRADE DIFFERENCES EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. IF DISCREPANCIES IN CONSTRUCTION DETAILS, LEGEND, NOTES, OR SPECIFICATIONS ARE DISCOVERED, BRING ALL SUCH OBSTRUCTIONS OR DISCREPANCIES TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.**

5. **THE DRAWINGS ARE DIAGRAMMATIC. THEREFORE, THE FOLLOWING SHOULD BE NOTED:**

   A. **ALTHOUGH IRRIGATION COMPONENTS MAY BE SHOWN OUTSIDE PLANTING AREAS FOR CLARITY, INSTALL IRRIGATION PIPE AND WIRING IN LANDSCAPED AREAS WHENEVER POSSIBLE.**

   B. **TREE AND SHRUB LOCATIONS AS SHOWN ON LANDSCAPE PLANS TAKE PRECEDENCE OVER IRRIGATION EQUIPMENT LOCATIONS. AVOID CONFLICTS BETWEEN THE IRRIGATION SYSTEM, PLANTING MATERIALS, AND ARCHITECTURAL FEATURES.**

   C. **COORDINATE THE LOCATION OF IRRIGATION EQUIPMENT WITH ALL OTHER SITE UTILITIES, BOTH EXISTING AND NEW TO BE INSTALLED AS PART OF THIS PROJECT.**

   D. **USE ONLY STANDARD TEES AND ELBOW FITTINGS. USE OF TEES IN THE BULLNOSE CONFIGURATION, OR USE OF CROSS TYPE FITTINGS IS NOT ALLOWED.**

6. **PROVIDE THE FOLLOWING COMPONENTS TO THE OWNER PRIOR TO THE COMPLETION OF THE PROJECT:**

   A. **TWO (2) OPERATING KEYS FOR EACH TYPE OF MANUALLY OPERATED VALVES.**

   B. **TWO (2) OF EACH SERVICING WRENCH OR TOOL NEEDED FOR COMPLETE ACCESS, ADJUSTMENT, AND REPAIR OF ALL ROTARY SPRINKLERS.**

7. **SELECT NOZZLES FOR SPRAY AND ROTARY SPRINKLERS WITH ARCS WHICH PROVIDE COMPLETE AND ADEQUATE COVERAGE WITH MINIMUM OVERSPRAY FOR THE SITE CONDITIONS. CAREFULLY ADJUST THE RADIUS OF THROW AND ARC OF COVERAGE OF EACH ROTARY SPRINKLER TO PROVIDE THE BEST PERFORMANCE.**

8. **THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF IRRIGATION SLEEVING. SLEEVES ARE REQUIRED FOR BOTH PIPING AND ELECTRICAL WIRING AT EACH HARDSCAPE CROSSING. COORDINATE INSTALLATION OF SLEEVING WITH OTHER TRADES. ANY PIPE OR WIRE WHICH PASSES BENEATH EXISTING HARDSCAPE WHERE SLEEVING WAS NOT INSTALLED WILL REQUIRE HORIZONTAL BORING BY THE IRRIGATION CONTRACTOR. PIPE SLEEVES SHALL BE SIZED TWICE THE NOMINAL SIZE OF THE PIPE PASSING THROUGH.**

9. **INSTALL ALL ELECTRICAL POWER TO THE IRRIGATION CONTROL SYSTEM IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE LOCAL ELECTRIC UTILITY CODES.**

10. **THE FOLLOWING SHOULD BE NOTED REGARDING PIPE SIZING: IF A SECTION OF UNSIZED PIPE IS LOCATED BETWEEN TWO IDENTICALLY SIZED SECTIONS, THE UNSIZED PIPE IS THE SAME NOMINAL SIZE AS THE TWO SIZED SECTIONS. THE UNSIZED PIPE SHOULD NOT BE CONFUSED WITH THE DEFAULT PIPE SIZE NOTED IN THE LEGEND.**

11. **VALVE CONTROL WIRE TO BE #14AWG TWO CONDUCTOR CABLES ROUTED FROM CONTROLLER TO ALL VALVES. INSTALL A SEPARATE WIRE PATH TO EACH DEAD-END OF MAINLINE. UTILIZE ALL FOUR WIRE PATHS AVAILABLE AT THE CONTROLLER PER THE 2-WIRE PLAN. INSTALL ONE (1) #14 AWG TWO-WIRE PAIR ONE EACH PATH FOR USE AS SPARES. INSTALL SPARE WIRES FROM CONTROLLER LOCATION TO EACH DEAD-END OF MAINLINE. COIL 3 FEET OF WIRE IN VALVE BOX.**

12. **IRRIGATION CONTRACTOR TO INSTALL PAIGE DECODER CABLE FUSE DEVICES (DCFD), AT ALL DECODER CABLE DIRECTIONAL SPLITS AND/OR CHANGES. INSTALL ALL SPLICES WITHIN A 10" VALVE BOX.**

ESTIMATED ANNUAL WATER USE

THE IRRIGATION SYSTEM AS SHOWN ON THIS PLAN HAS AN ESTIMATED ANNUAL WATER USE OF 9,178,618 GALLONS. TO VERIFY EFFICIENT IRRIGATION SYSTEM OPERATION, THE OWNER SHALL COMPARE THIS ESTIMATED IRRIGATION WATER USE WITH ACTUAL WATER USE, AS RECORDED ON SITE, AFTER ALL PLANT MATERIAL HAS BEEN ESTABLISHED.

THE ESTIMATED ANNUAL IRRIGATION WATER USE OF THIS SYSTEM IS BASED ON 30-YEARS AVERAGE EVAPOTRANSPIRATION RATES (ET) FOR THE LOCAL AREA AND TYPICAL NEW IRRIGATION SYSTEM EQUIPMENT EFFICIENCIES. MAJOR DEVIATIONS FROM THIS ESTIMATE USE SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER AND CURRENT IRRIGATION MAINTENANCE COMPANY AT THE TIME OF THE DEVIATION.

TO VERIFY EFFICIENT IRRIGATION SYSTEM OPERATION AND WATER USE, AN IRRIGATION SYSTEM EVALUATION AND AUDIT SHOULD BE PERFORMED.

CONTROLLER PROGRAMMING

THE IRRIGATION SYSTEM MAINLINE IS SIZED FOR A MAXIMUM MULTI-ZONE FLOW OF 175 GPM. SEPARATE SECTIONS OF MAINLINE HAVE BEEN SIZED FOR LOWER FLOWS.

THE CONTROLLER SHOULD BE PROGRAMMED TO RUN THE FOLLOWING MAXIMUM FLOWS WITHIN THE GROUPS OF VALVES LISTED BELOW.

BASEBALL LEFT FIELD
A1-A10: 58 GPM

BASEBALL RIGHT FIELD/SOFTBALL LEFT FIELD
A15-A24: 72 GPM

PRACTICE FIELDS: 101 GPM MAX
A28-A39: 58 GPM
A35-A41: 43 GPM

FOOTBALL: 86 GPM MAX
A42 + A49-A55: 43 GPM
A43-A48: 43 GPM

IRRIGATION LEGEND

- SLEEVES: **SCHEDULE 40 PVC**
- POINT-OF-CONNECTION ASSEMBLY
- MAINLINE PIPE: **CLASS 200 PVC 6-INCH SIZE UNLESS OTHERWISE INDICATED**
- LATERAL PIPE TO SPRINKLERS: **CLASS 200 PVC 1-INCH SIZE UNLESS OTHERWISE INDICATED**
- UNCONNECTED PIPE CROSSING
- REMOTE CONTROL VALVE ASSEMBLY FOR SPRINKLER LATERALS: **RAIN BIRD PEBIVM (SIZED PER PLAN) W/ IVM-SOL SOLENOID**
- QUICK COUPLING VALVE ASSEMBLY: **RAIN BIRD 5RC**
- ISOLATION GATE VALVE ASSEMBLY: **LEEMCO LGV & LMM**
- (F) FLOW SENSOR ASSEMBLY: **RAIN BIRD FS200P W/ IVM-SEN DECODER**
- BACKFLOW PREVENTION ASSEMBLY: **FEBCO 850 DOUBLE CHECK VALVE (3")**
- (M) WATER METER AND CURB STOP ASSEMBLY: **BY OTHERS**
- MASTER VALVE ASSEMBLY: **RAIN BIRD 300-BPES (3") W/ IVM-SOL SOLENOID**
- (BP) BOOSTER PUMP ASSEMBLY: **WATERTRONICS WMBV5000-2-7.5-208-3-175-86**

A1 / 14 / 1 / Turf
- INDICATES CONTROLLER AND STATION NUMBER
- INDICATES LATERAL DISCHARGE (GPM)
- INDICATES VALVE SIZE (INCHES)
- INDICATES LANDSCAPE APPLICATION

- (A) IRRIGATION CONTROLLER UNIT WITH **RAIN BIRD WIRELESS RAIN SENSOR AND RAIN BIRD IQ4G-USA IQ NCC 4G CELLULAR CARTRIDGE RAIN BIRD ESPLXMIV 2-WIRE - METAL CABINET**
- (GS) GROUNDING AND SURGE ARRESTOR ASSEMBLY: **RAIN BIRD IVM-SD**
- WEATHER SENSOR: **RAIN BIRD WR2-RFS WIRELESS RAIN/FREEZE SENSOR**
- DECODER CABLE FUSE DEVICE (DCFD) WITH LIGHTNING PROTECTION: PAIGE P7407D
- —CW— IRRIGATION CONTROL WIRES IN CONDUIT
- POP-UP ROTATING SPRAY SPRINKLER: **HUNTER PROS-06-PRS40-CV W/MP2000 NOZZLES**
  PRESSURE: **40 PSI** RADIUS: **13 FEET TO 21 FEET**
  FLOW (GPM): **K-0.77 G-1.10 R-1.48**
- POP-UP ROTATING SPRAY SPRINKLER: **HUNTER PROS-06-PRS40-CV W/MP3000 NOZZLES**
  PRESSURE: **40 PSI** RADIUS: **22 FEET TO 30 FEET**
  FLOW (GPM): **B-1.82 Y-2.73 A-3.64**
- POP-UP ROTATING SPRAY SPRINKLER: **HUNTER PROS-06-PRS40-CV W/MP3500 NOZZLE**
  PRESSURE: **40 PSI** RADIUS: **31 FEET TO 35 FEET**
  FLOW (GPM): **90°-1.28 180°-2.86 210°-3.29**
- (C) POP-UP ROTATING SPRAY SPRINKLER: **HUNTER PROS-06-PRS40-CV W/MPCORNER NOZZLE**
  PRESSURE: **40 PSI** RADIUS: **8 FEET TO 14 FEET**
  FLOW (GPM): **45°-0.19 90°-0.39 105°-0.45**

POP-UP GEAR DRIVEN ROTORS: **HUNTER I-25-06**
PRESSURE: **60 PSI**

	NOZZLE	RADIUS	FLOW
(15)	**15**	**57**	**14.3 GPM**

CONSTRUCTION NOTES

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2. **WALL MOUNT THE IRRIGATION CONTROLLER AT THE APPROXIMATE LOCATION SHOWN. COORDINATE ELECTRICAL POWER TO THE CONTROLLER WITH THE OWNER'S REPRESENTATIVE. FINAL LOCATION TO BE APPROVED BY OWNER'S REPRESENTATIVE.**

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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ADCENGINEERING.COM

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ADC PROJECT: 22507.10
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Hines Inc
SITE WATER ENGINEERING SERVICES
1640 RIVERSIDE AVE., SUITE 200
FORT COLLINS, COLORADO 80524
Telephone: 970.282.1800
Web: www.hinesinc.com

IRRIGATION NOTES AND LEGEND

IR100

CONSTRUCTION DOCUMENTS

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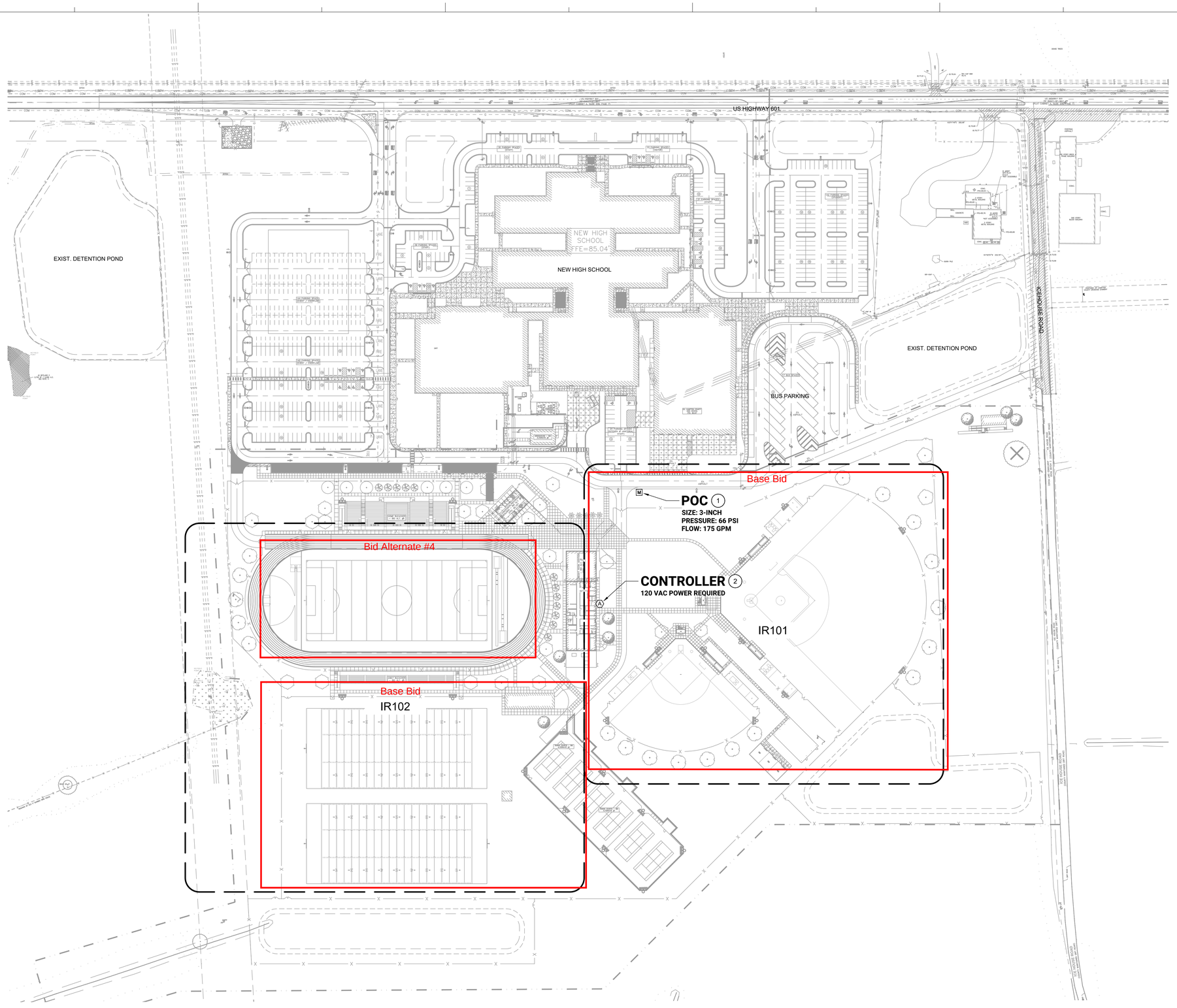

HORIZONTAL SCALE

80 0 40 80 160 320

(IN FEET)
1 inch = 80 ft.

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1 IRRIGATION PLAN - OVERALL

IR101

CONSTRUCTION DOCUMENTS

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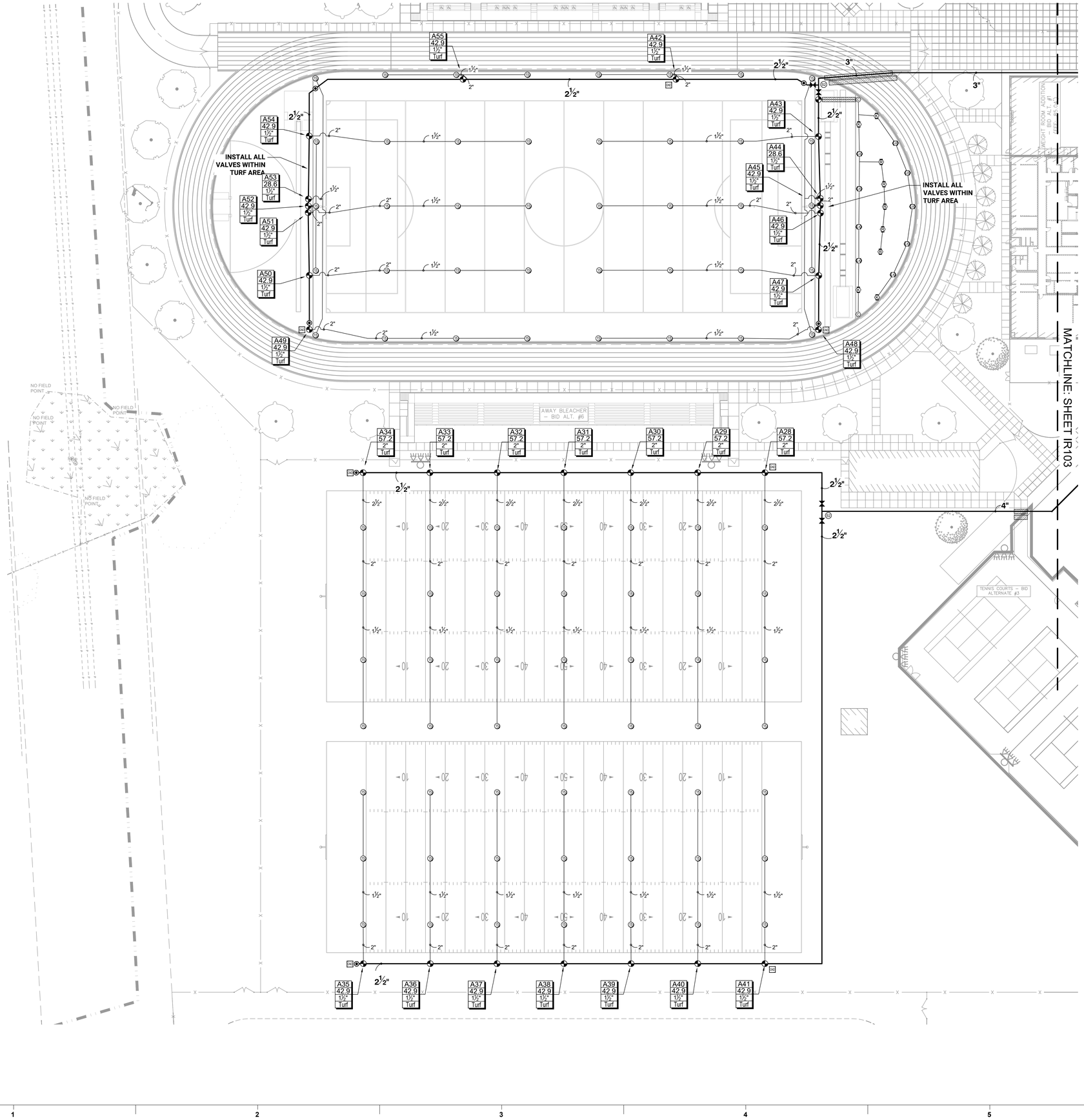

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- M WATER METER AND CURB STOP ASSEMBLY: **BY OTHERS**
- MASTER VALVE ASSEMBLY: **RAIN BIRD 300-BPES (3") W/ IVM-SOL SOLENOID**
- BP BOOSTER PUMP ASSEMBLY: **WATERTRONICS WMBV5000-2-7.5-208-3-175-86**

A1 / 14 / 1 / Turf
- INDICATES CONTROLLER AND STATION NUMBER
- INDICATES LATERAL DISCHARGE (GPM)
- INDICATES VALVE SIZE (INCHES)
- INDICATES LANDSCAPE APPLICATION

- A IRRIGATION CONTROLLER UNIT WITH **RAIN BIRD WIRELESS RAIN SENSOR AND RAIN BIRD IQ4G-USA IQ NCC 4G CELLULAR CARTRIDGE RAIN BIRD ESPLXMIV 2-WIRE - METAL CABINET**
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POP-UP GEAR DRIVEN ROTORS: **HUNTER I-25-06**
PRESSURE: **60 PSI**

NOZZLE	RADIUS	FLOW
15	57'	14.3 GPM

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HORIZONTAL SCALE
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REVISIONS:

No.	Description	Date
1	Addendum 1 - Add Irrigation	11/19/2025

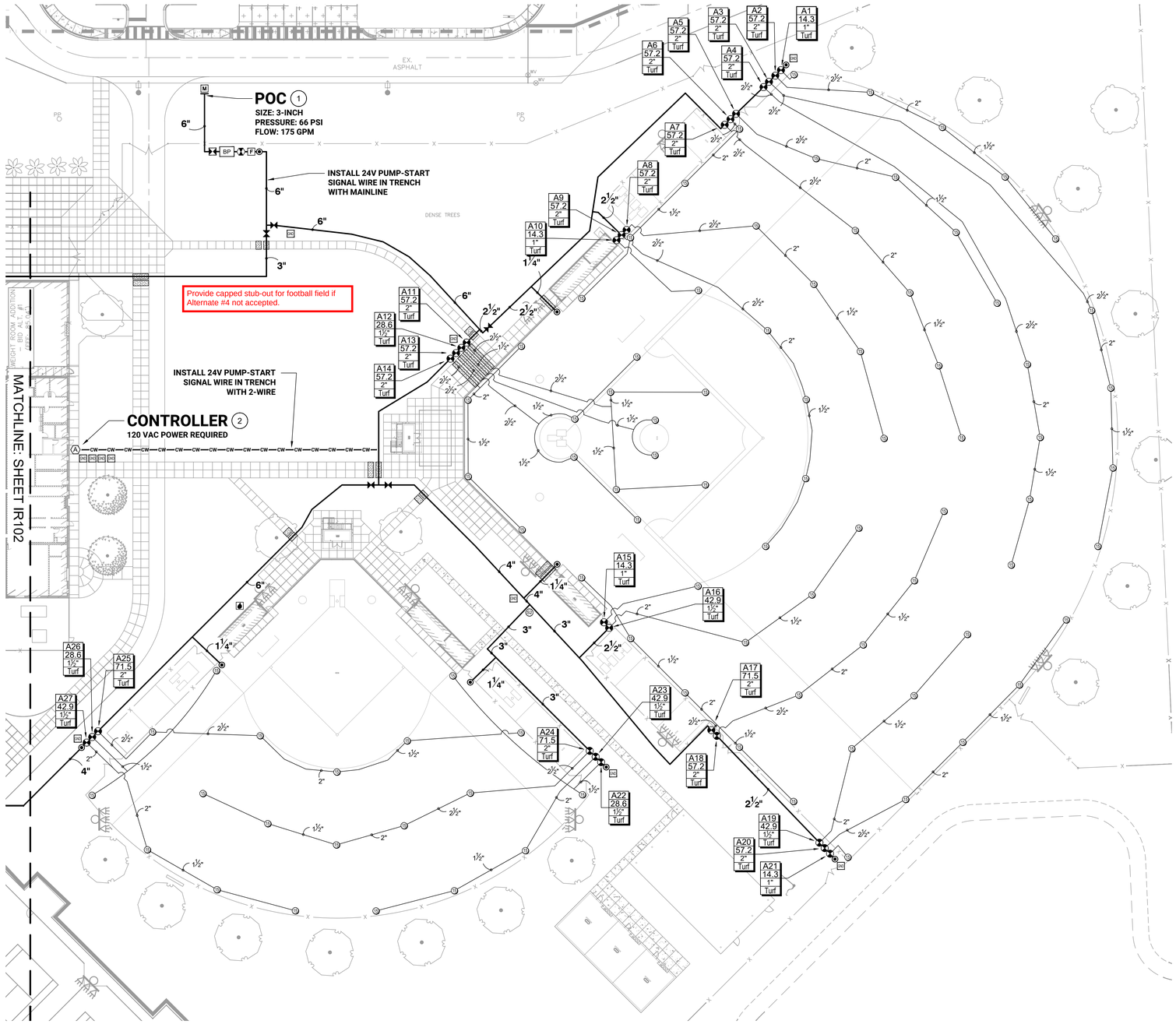
ADC PROJECT: 22507.10
LS3P PROJECT: 1201-217190
DATE: NOVEMBER 13, 2025

1 IRRIGATION PLAN

IR102

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/EXISTING_Hampton County HS_v2022.rvt
4/14/2023 12:30:07 PM



IRRIGATION LEGEND

- SLEEVES: **SCHEDULE 40 PVC**
- POINT-OF-CONNECTION ASSEMBLY
- MAINLINE PIPE: **CLASS 200 PVC 6-INCH SIZE UNLESS OTHERWISE INDICATED**
- LATERAL PIPE TO SPRINKLERS: **CLASS 200 PVC 1-INCH SIZE UNLESS OTHERWISE INDICATED**
- UNCONNECTED PIPE CROSSING
- REMOTE CONTROL VALVE ASSEMBLY FOR SPRINKLER LATERALS: **RAIN BIRD PEBIVM (SIZED PER PLAN) W/ IVM-SOL SOLENOID**
- QUICK COUPLING VALVE ASSEMBLY: **RAIN BIRD 5RC**
- ISOLATION GATE VALVE ASSEMBLY: **LEEMCO LGV & LMM**
- F FLOW SENSOR ASSEMBLY: **RAIN BIRD FS200P W/ IVM-SEN DECODER**
- BACKFLOW PREVENTION ASSEMBLY: **FEBCO 850 DOUBLE CHECK VALVE (3")**
- M WATER METER AND CURB STOP ASSEMBLY: **BY OTHERS**
- MASTER VALVE ASSEMBLY: **RAIN BIRD 300-BPES (3") W/ IVM-SOL SOLENOID**
- BP BOOSTER PUMP ASSEMBLY: **WATERTRONICS WMBV5000-2-7.5-208-3-175-86**

A1 | 14 | 1" | Turf
- INDICATES CONTROLLER AND STATION NUMBER
- INDICATES LATERAL DISCHARGE (GPM)
- INDICATES VALVE SIZE (INCHES)
- INDICATES LANDSCAPE APPLICATION

- A IRRIGATION CONTROLLER UNIT WITH **RAIN BIRD WIRELESS RAIN SENSOR AND RAIN BIRD IQ4G-USA IQ NCC 4G CELLULAR CARTRIDGE RAIN BIRD ESPLXMIV 2-WIRE - METAL CABINET**
- DS GROUNDING AND SURGE ARRESTOR ASSEMBLY: **RAIN BIRD IVM-SD**
- WEATHER SENSOR: **RAIN BIRD WR2-RFS WIRELESS RAIN/FREEZE SENSOR**
- DCFD DECODER CABLE FUSE DEVICE (DCFD) WITH LIGHTNING PROTECTION: PAIGE P7407D
- CW IRRIGATION CONTROL WIRES IN CONDUIT
- POP-UP ROTATING SPRAY SPRINKLER: **HUNTER PROS-06-PRS40-CV W/MP2000 NOZZLES**
  PRESSURE: **40 PSI** RADIUS: **13 FEET TO 21 FEET**
  FLOW (GPM): **K-0.77 G-1.10 R-1.48**
- POP-UP ROTATING SPRAY SPRINKLER: **HUNTER PROS-06-PRS40-CV W/MP3000 NOZZLES**
  PRESSURE: **40 PSI** RADIUS: **22 FEET TO 30 FEET**
  FLOW (GPM): **B-1.82 Y-2.73 A-3.64**
- POP-UP ROTATING SPRAY SPRINKLER: **HUNTER PROS-06-PRS40-CV W/MP3500 NOZZLE**
  PRESSURE: **40 PSI** RADIUS: **31 FEET TO 35 FEET**
  FLOW (GPM): **90°-1.28 180°-2.86 210°-3.29**
- C POP-UP ROTATING SPRAY SPRINKLER: **HUNTER PROS-06-PRS40-CV W/MPCORNER NOZZLE**
  PRESSURE: **40 PSI** RADIUS: **8 FEET TO 14 FEET**
  FLOW (GPM): **45°-0.19 90°-0.39 105°-0.45**

POP-UP GEAR DRIVEN ROTORS: **HUNTER I-25-06**
PRESSURE: **60 PSI**

	NOZZLE	RADIUS	FLOW
15	**15**	**57'**	**14.3 GPM**

CONSTRUCTION NOTES

1. **THE IRRIGATION SYSTEM POINT-OF-CONNECTION (POC) SHALL BE DOWNSTREAM OF THE IRRIGATION WATER TAP AND METER INSTALLED BY OTHERS AT THE APPROXIMATE LOCATION SHOWN. INSTALL BACKFLOW PREVENTION UNIT, MASTER VALVE AND FLOW SENSOR AS INDICATED. VERIFY EXACT LOCATION OF POC WITH OWNER'S REPRESENTATIVE.**
2. **WALL MOUNT THE IRRIGATION CONTROLLER AT THE APPROXIMATE LOCATION SHOWN. COORDINATE ELECTRICAL POWER TO THE CONTROLLER WITH THE OWNER'S REPRESENTATIVE. FINAL LOCATION TO BE APPROVED BY OWNER'S REPRESENTATIVE.**

HORIZONTAL SCALE
80 0 40 80 160 320
(IN FEET)
1 inch = 80 ft.

Hines Inc
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FORT COLLINS, COLORADO 80524
Telephone: 970.282.1800
Web: www.hinesinc.com

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DATE: NOVEMBER 13, 2025

1

IRRIGATION PLAN

IR103

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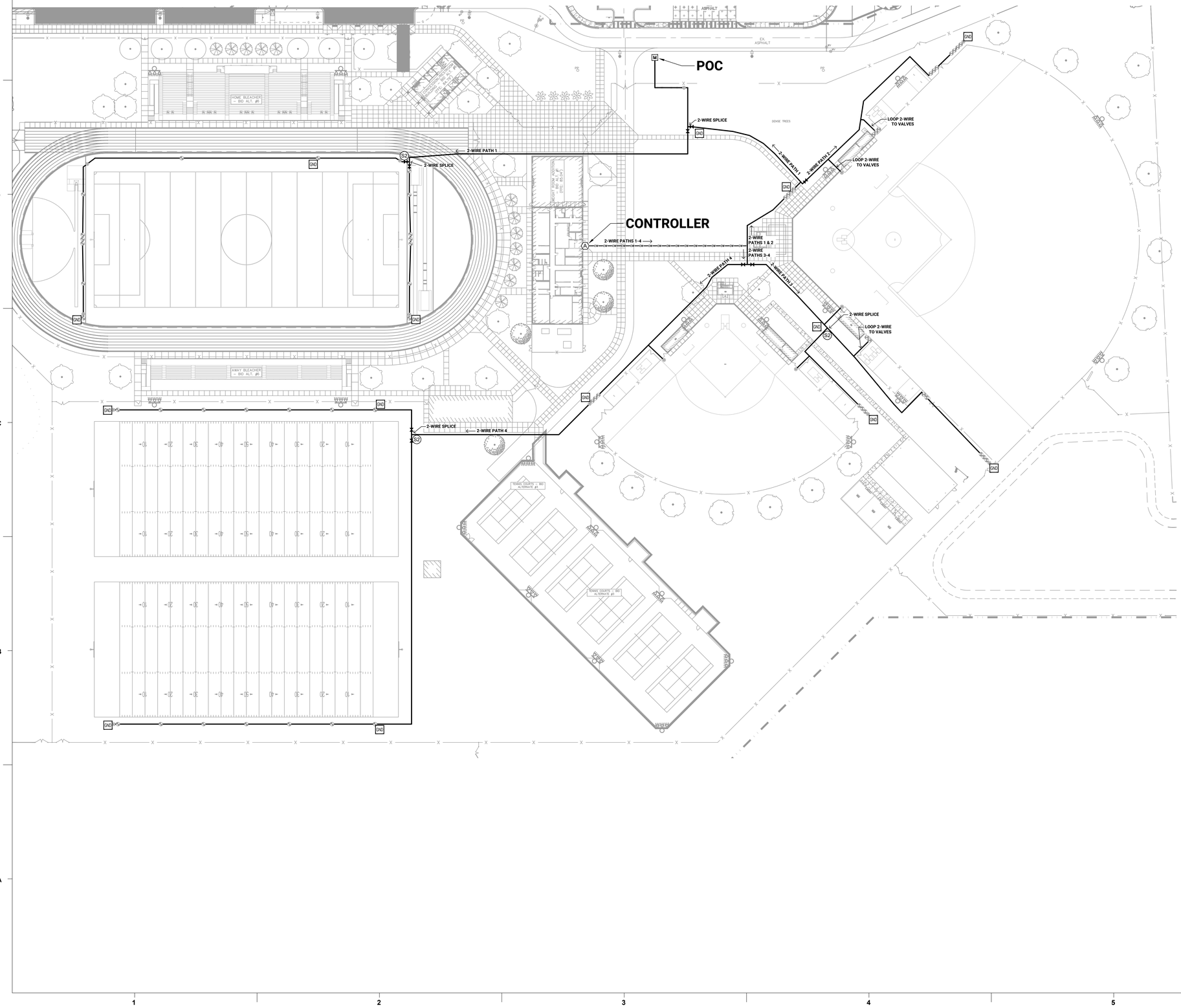

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A1 / 14 / 1 / Turf
- INDICATES CONTROLLER AND STATION NUMBER
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POP-UP GEAR DRIVEN ROTORS: **HUNTER I-25-06**
PRESSURE: **60 PSI**

	NOZZLE	RADIUS	FLOW
13	**15**	**57'**	**14.3 GPM**

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2-WIRE PLAN

IR104

CONSTRUCTION DOCUMENTS

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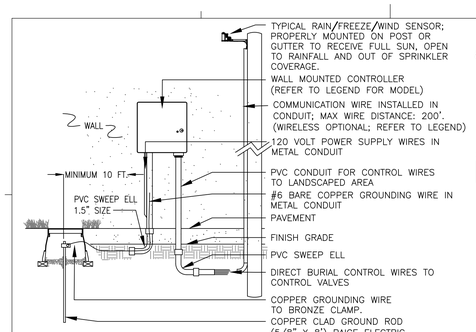
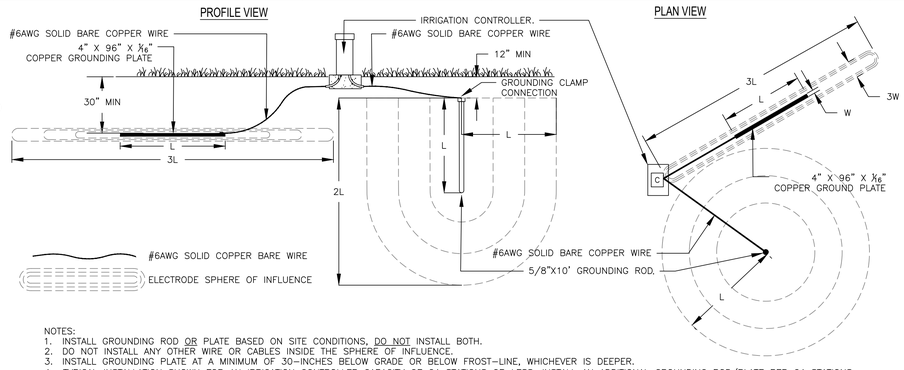


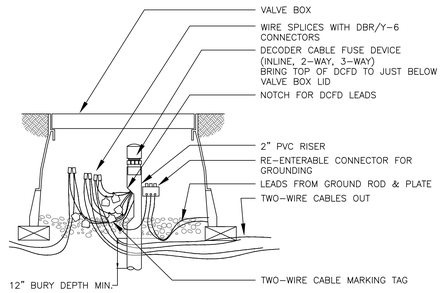
NOTES:
1. INSTALL ALL WIRING PER LOCAL ELECTRICAL CODES.
2. INSTALL GROUND ROD WITHIN IRRIGATED TURF AREA. IF IRRIGATED TURF AREA IS NOT IN CLOSE PROXIMITY TO CONTROLLER, INSTALL ONE (1) DRIP EMITTER FROM NEAREST DRIP VALVE IN VALVE BOX HOUSING GROUNDING ROD.

1 WALL MOUNT CONTROLLER ASSEMBLY

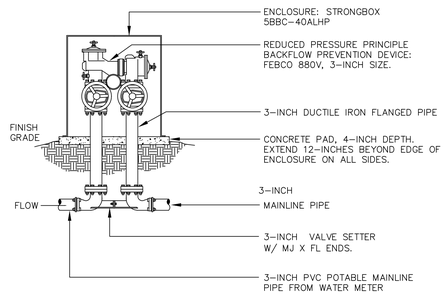


NOTES:
1. INSTALL GROUNDING ROD OR PLATE BASED ON SITE CONDITIONS, DO NOT INSTALL BOTH.
2. DO NOT INSTALL ANY OTHER WIRE OR CABLES INSIDE THE SPHERE OF INFLUENCE.
3. INSTALL GROUNDING PLATE AT A MINIMUM OF 30-INCHES BELOW GRADE OR BELOW FROST-LINE, WHICHEVER IS DEEPER.
4. TYPICAL INSTALLATION SHOWN FOR AN IRRIGATION CONTROLLER CAPACITY OF 64 STATIONS OR LESS, INSTALL AN ADDITIONAL GROUNDING ROD/PLATE PER 64 STATIONS.

2 TYPICAL IRRIGATION CONTROLLER GROUNDING ROD OR PLATE INSTALLATION

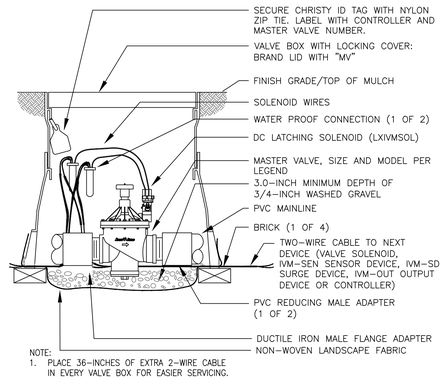


3 DECODER CABLE FUSE DEVICE DETAIL



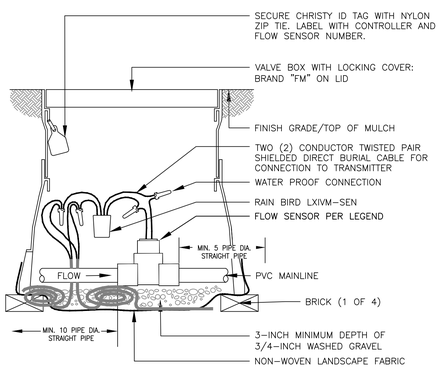
NOTES:
1. FITTINGS TO BE SIZED IDENTICAL WITH NOMINAL BACKFLOW PREVENTION DEVICE.
2. PROVIDE MINIMUM OF 2% CROSS SLOPE FOR CONCRETE PAD.
3. INSTALL PER LOCAL CODES

4 BACKFLOW PREVENTION UNIT ASSEMBLY

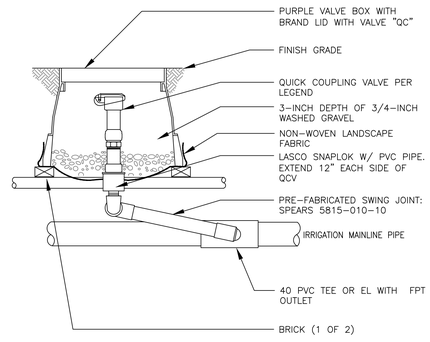


NOTE:
1. PLACE 36-INCHES OF EXTRA 2-WIRE CABLE IN EVERY VALVE BOX FOR EASIER SERVICING.

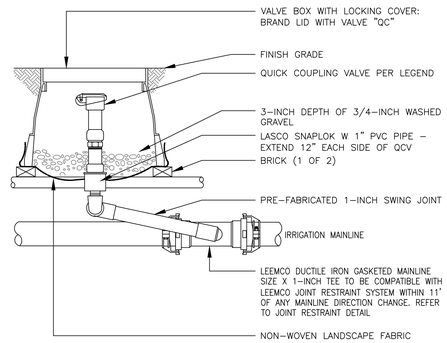
5 MASTER VALVE ASSEMBLY 3-INCH POINT OF CONNECTION



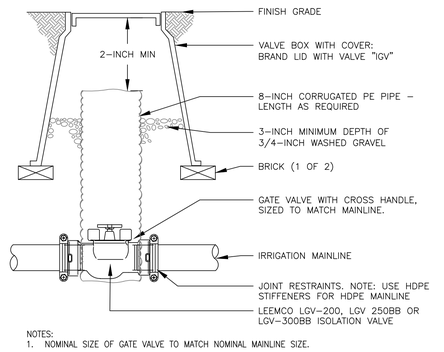
6 FLOW SENSOR W/ LXIVM-SEN ASSEMBLY



7 QUICK COUPLING VALVE ASSEMBLY

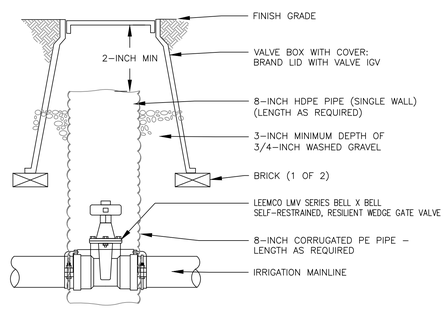


8 QUICK COUPLING VALVE ASSEMBLY 3-INCH MAINLINE AND LARGER



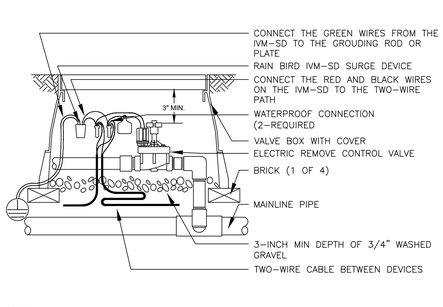
NOTES:
1. NOMINAL SIZE OF GATE VALVE TO MATCH NOMINAL MAINLINE SIZE.

9 ISOLATION GATE VALVE ASSEMBLY 2, 2.5 & 3-INCH MAINLINE



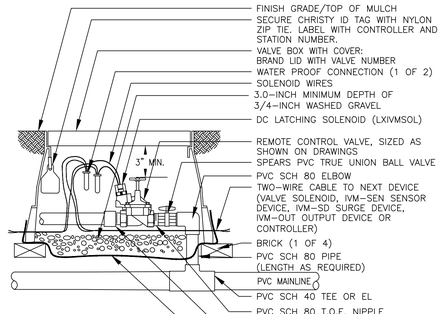
NOTES: 1. NOMINAL SIZE OF GATE VALVE TO MATCH NOMINAL MAINLINE SIZE.

10 ISOLATION GATE VALVE ASSEMBLY 4-INCH MAINLINE AND LARGER



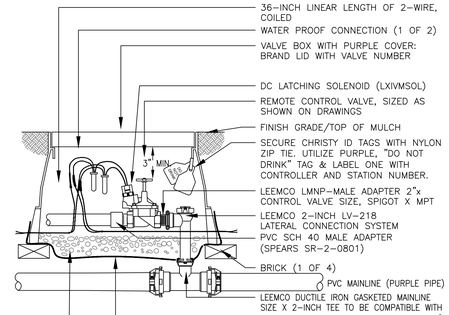
NOTES:
1. COIL AN ADDITIONAL 3-FEET OF TWO-WIRE CABLE IN VALVE BOX FOR EASY SERVICING.
2. ONE IVM-SD IS REQUIRED EVERY 500 FEET OR EVERY 15 FIELD DEVICES.

11 LXIVMSD SURGE DEVICE VALVE CONNECTION

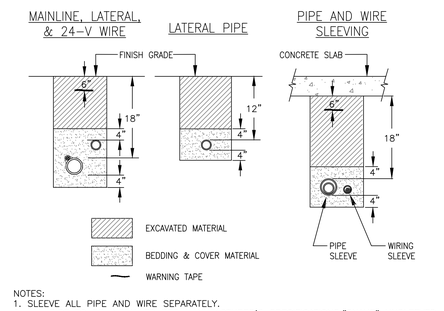


NOTE:
1. PLACE 36-INCHES OF EXTRA 2-WIRE CABLE IN EVERY VALVE BOX FOR EASIER SERVICING.

12 REMOTE CONTROL SPRINKLER VALVE ASSEMBLY



13 REMOTE CONTROL SPRINKLER VALVE 3-INCH MAINLINE AND LARGER



NOTES:
1. SLEEVE ALL PIPE AND WIRE SEPARATELY.
2. ALL PIPE TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS."SNAKE" UNSLEEVED PLASTIC PIPE IN TRENCH. PROVIDE A MINIMUM OF 2" CLEARANCE TO SIDE OF TRENCH AND BETWEEN PIPES.
3. ALL 120-V WIRING SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS. PROVIDE LOOSE 20" LOOP OF 2-WIRE CABLE AT ALL CHANGES OF DIRECTION OVER 30 DEGREES.

14 TYPICAL TRENCHING DETAIL

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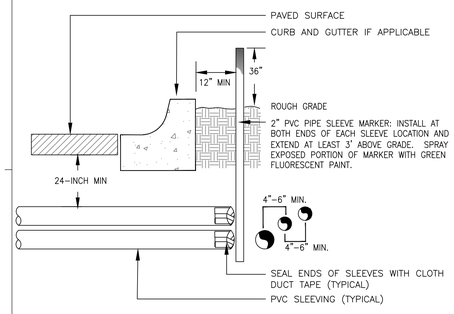
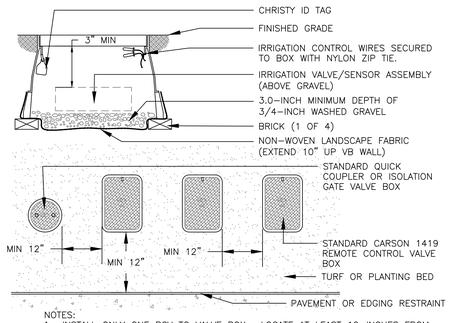


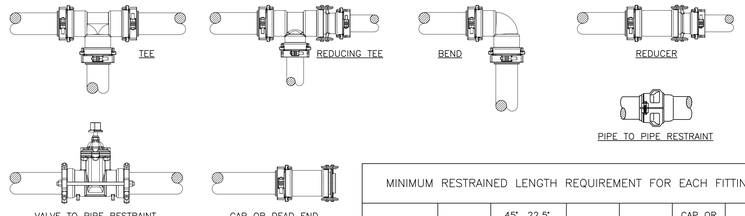
NOTE:
1) ALL SLEEVING TO BE CLASS 200 BE PVC, SIZED AS NOTED.
2) INSTALL SLEEVES IN SIDE-BY-SIDE CONFIGURATION WHERE MULTIPLE SLEEVES ARE TO BE INSTALLED. SPACE SLEEVES 4" TO 6" APART. DO NOT STACK SLEEVES VERTICALLY.

15 TYPICAL SLEEVING DETAIL



NOTES:
1. INSTALL ONLY ONE RCV TO VALVE BOX. LOCATE AT LEAST 12-INCHES FROM AND ALIGN WITH NEARBY WALLS OR EDGES OF PAVED AREAS. GROUP RCV ASSEMBLIES TOGETHER WHERE PRACTICAL.
4. GROUP RCV ASSEMBLIES TOGETHER WHERE PRACTICAL, BUT AVOID GROUPING MORE THAN THREE (3) STANDARD VALVE BOXES TOGETHER IN A SERIES.
5. ARRANGE GROUPED VALVE BOXES IN RECTANGULAR PATTERNS.

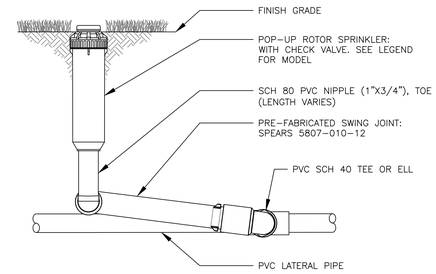
16 TYPICAL VALVE BOX INSTALLATION



MINIMUM RESTRAINED LENGTH REQUIREMENT FOR EACH FITTING OR VALVE BELL							
PIPE SIZE	90° BEND	45°, 22.5°, 11.25° BEND	TEE	REDUCER	CAP OR DEAD END	VALVE	COUPLING/SERVICE TEE
3" & 4"	20'	20'	20'	40'	60'	80'	SEE NOTE 4
6" & LARGER	40'	20'	20'	60'	80'	80'	SEE NOTE 4

NOTES:
1. THE RESTRAINT SCHEMES HERE ARE FOR SYSTEM PRESSURES UP TO 125 PSI. FOR HIGHER PRESSURES, CALL THE MANUFACTURER FACTORY.
2. EACH FITTING AND VALVE BELL MUST BE RESTRAINED TO THE LENGTH OF PIPE NOTED IN THE TABLE USING FITTING TO PIPE RESTRAINT, VALVE TO PIPE RESTRAINT, AND PIPE TO PIPE RESTRAINT AS REQUIRED.
3. PIPE JOINTS WITHIN THE RESTRAINED LENGTH REQUIREMENT MUST BE RESTRAINED WITH PIPE TO PIPE RESTRAINTS.
4. SERVICE TEES AND COUPLINGS WITHIN THE RESTRAINED LENGTH REQUIREMENT MUST BE RESTRAINED WITH FITTING TO PIPE RESTRAINTS.

17 MECHANICAL JOINT RESTRAINT DETAIL



NOTES:
1. INSTALL PLASTIC RISERS FOR ROTORS IN NATIVE AREAS.

18 6-INCH GEAR DRIVEN ROTOR ASSEMBLY W/SWING JOINT

NOTES:
1. IF POLYETHYLENE PIPE IS USED FOR LATERAL PIPE, SUBSTITUTE INSERT TEE OR EL WITH STAINLESS STEEL CLAMPS FOR PVC SLIP TEE OR EL SHOWN ABOVE.
2. TO ACHIEVE MINIMUM RADIUS WITH ANY MP ROTATOR MODEL, USE 30 PSI PRESSURE REGULATING SPRAY BODY.

19 6-INCH POP UP MP-ROTATOR ASSEMBLY

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

ADC ENGINEERING
1226 YEAMANS HALL ROAD
HANAHAN, SC 29410
843-566-0161
ADCENGINEERING.COM

LS3P
205 1/2 KING STREET
CHARLESTON, SOUTH CAROLINA 29401
TEL. 843.577.4444 FAX 843.722.4789
WWW.LS3P.COM

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REVISIONS:

No.	Description	Date
1	Addendum 1 - Add Irrigation	11/19/2025

ADC PROJECT: 22507.10
LS3P PROJECT: 1201-217190
DATE: NOVEMBER 13, 2025

Hines Inc
SITE WATER ENGINEERING SERVICES
1640 RIVERSIDE AVE., SUITE 200
FORT COLLINS, COLORADO 80524
Telephone: 970.282.1800
Web: www.hinesinc.com

IRRIGATION DETAILS

IR201

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/EXISTING_Hampton County HS_v2022.rvt
4/14/2023 12:30:07 PM

PUMP STATION SPECIFICATIONS:
NAME: HAMPTON HIGH SPORTS FIELDS BOOSTER
PUMP STATION TO BE MANUFACTURED BY WATERTRONICS, PRECISION PUMPING, OR APPROVED EQUAL.
BASIS OF DESIGN: WATERTRONICS WATERMAX 5000 SERIES
CONTACT ERIC PIFER @ 262-224-3263 FOR PRICING
STATION MODEL: WMBV5000-2-7.5-208-3-175-86

STATION TOTAL PERFORMANCE: 175 GPM @ 33 PSI BOOST
DYNAMIC INLET PRESSURE: 54 PSI (AFTER BACKFLOW)
DISCHARGE REGULATE PRESSURE: 86 PSI
PUMP NO.1 7.5HP (3600 RPM)

UL LISTED UNDER: UL-QCZJ PACKAGED PUMP STATION

POWER REQUIREMENTS
208V-3PHZ-60HZ - 27AMPS

STATION COMPONENTS:

1. PUMP AND MOTOR
2. INLET PRESSURE / VACUUM GAUGE
3. PRESSURE TRANSDUCER w/ GAUGE
4. DISCHARGE ISOLATION VALVE
5. ALUMINUM DEAD-FRONT HIGH VOLTAGE DISCONNECT PANEL (UNPAINTED)
6. MARINE GRADE ALUMINUM ENCLOSURE (UNPAINTED)
7. MARINE GRADE ALUMINUM BASE (UNPAINTED)
8. VARIABLE FREQUENCY DRIVE
9. PUMP STATION ENCLOSURE FAN
10. CHECK VALVE
11. MAIN DISCONNECT SWITCH
12. BY-PASS VALVE
13. 1" BLOW OUT PORT
14. FLOW SENSOR
15. PUMP VOLUTE TEMP SENSOR
16. INTAKE ISOLATION VALVE
17. SCH. 40 EPOXY COATED STEEL PIPE
18. GROOVE CONNECTION FOR 360deg SWIVEL

DESCRIPTION OF OPERATION

PUMP STATION WILL START ON A 24V SIGNAL FROM IRRIGATION CONTROLLER. PUMP WILL REGULATE A CONSTANT DISCHARGE PRESSURE AT VARIABLE FLOW RATE. PUMP WILL RETIRE BASED UPON AN ABSENCE OF 24V SIGNAL.

PUMP STATION WILL TOTALIZE ALL WATER PUMPED, AND HAVE (2) FLOW TOTALIZERS, (1) LIFETIME COUNTER, AND (1) USER RE-SETTABLE COUNTER. PUMP SYSTEM WILL ALSO DISPLAY FLOW AND PSI IN REAL TIME.

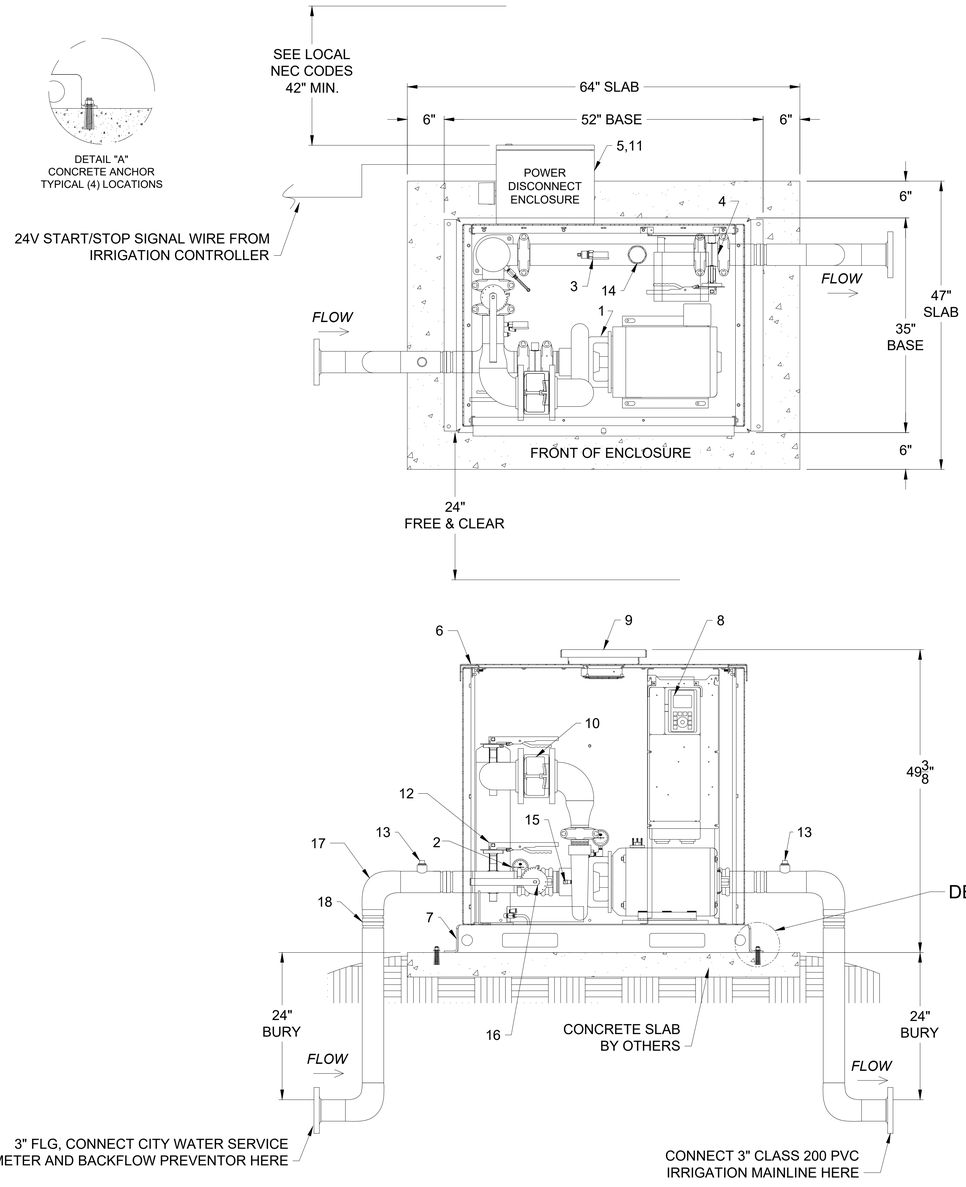
PUMP STATION SHALL HAVE THE FOLLOWING ALARMS

LOW PRESSURE ALARM
HIGH PRESSURE ALARM
HIGH VOLTAGE ALARM
LOW VOLTAGE ALARM
HIGH PUMP VOLUTE TEMP
MOTOR OVERLOAD SHUT DOWN
PHASE LOSS (3-PHZ SYSTEMS ONLY)
VFD FAULT SHUT DOWN

PUMP STATION GENERAL NOTES

1. PUMP INTAKE SHALL CONNECT TO CITY SERVICE LINE DOWNSTREAM OF BACKFLOW PREVENTER AND WATER METER. PUMP DISCHARGE SHALL BE CONNECTED TO CLASS 200 PVC MAINLINE, REFERENCE IRRIGATION PLAN FOR MAINLINE SIZE. INSTALL MASTER VALVE IMMEDIATELY AFTER PUMP DISCHARGE AT APPROXIMATELY 24-INCH DEPTH.
2. VERIFY EXACT LOCATION FOR CONCRETE SLAB WITH OWNER'S REPRESENTATIVE AND IRRIGATION CONTRACTOR PRIOR TO CONSTRUCTION.
3. VERIFY EXISTING POWER ONSITE PRIOR TO ORDERING BOOSTER PUMP. BOOSTER PUMP POWER RATING MUST MATCH EXISTING POWER ONSITE.
4. MAINTAIN NEC CLEARANCES AROUND BOOSTER PUMP FOR MAINTENANCE ACCESS PER LOCAL CODE.
5. PUMP STATION MUST BE DRAINED & WINTERIZED IN COLD WEATHER CLIMATES

20 BOOSTER PUMP DETAILS
SCALE NTS



HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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IR202

CONSTRUCTION DOCUMENTS

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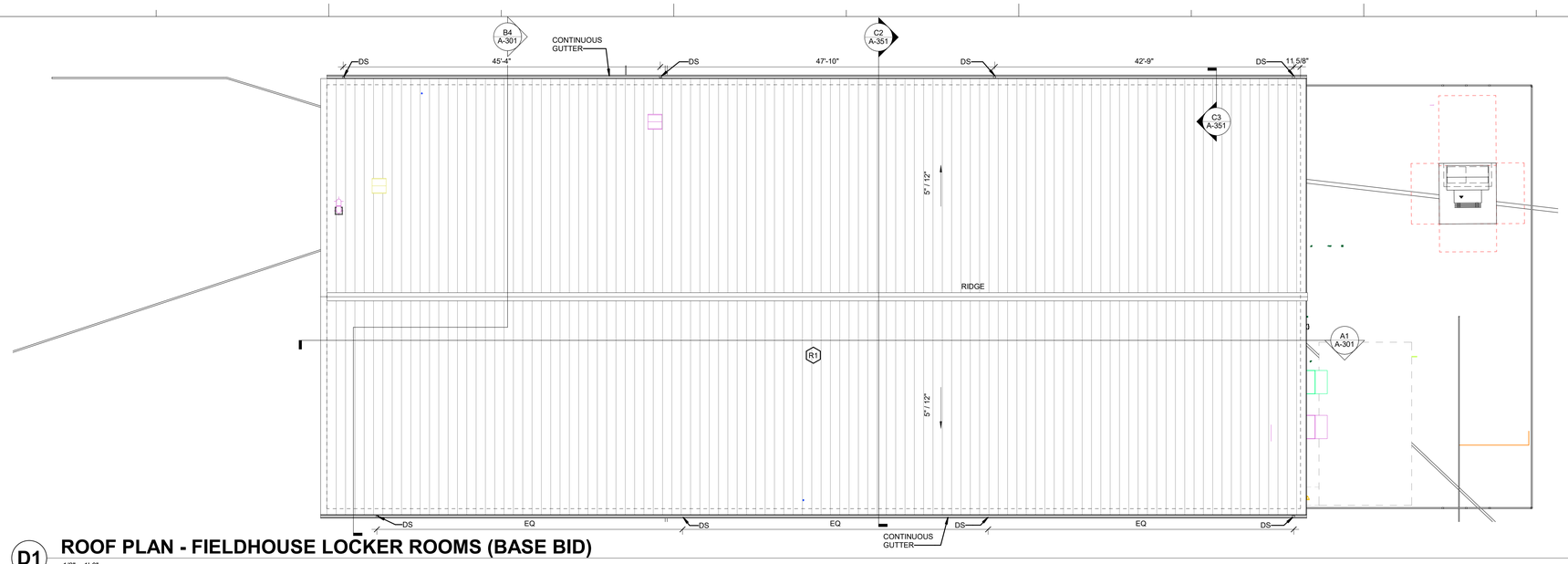
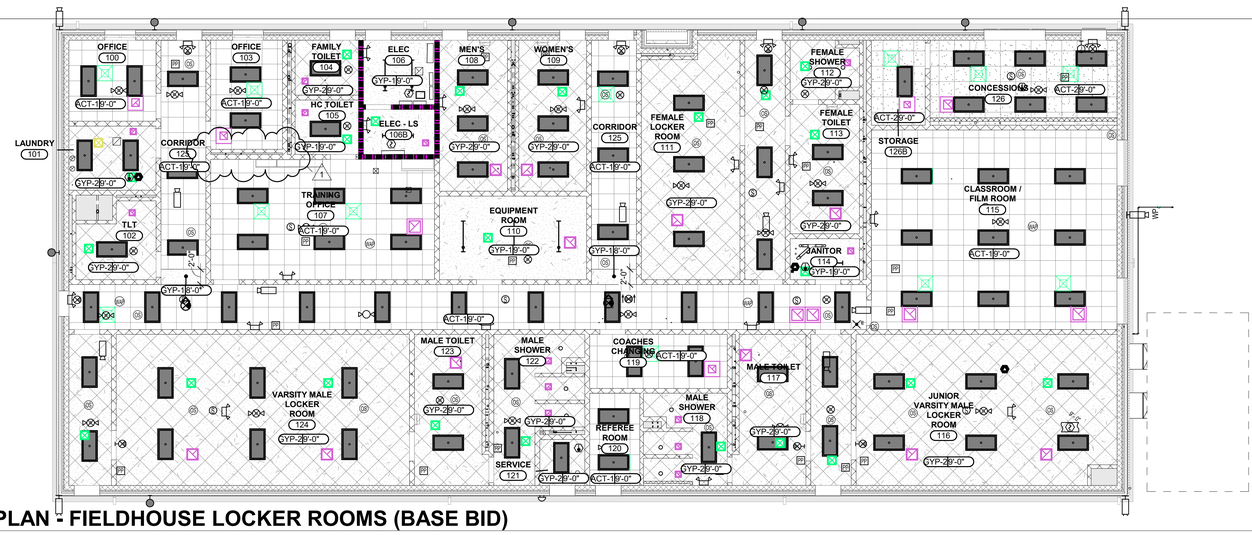


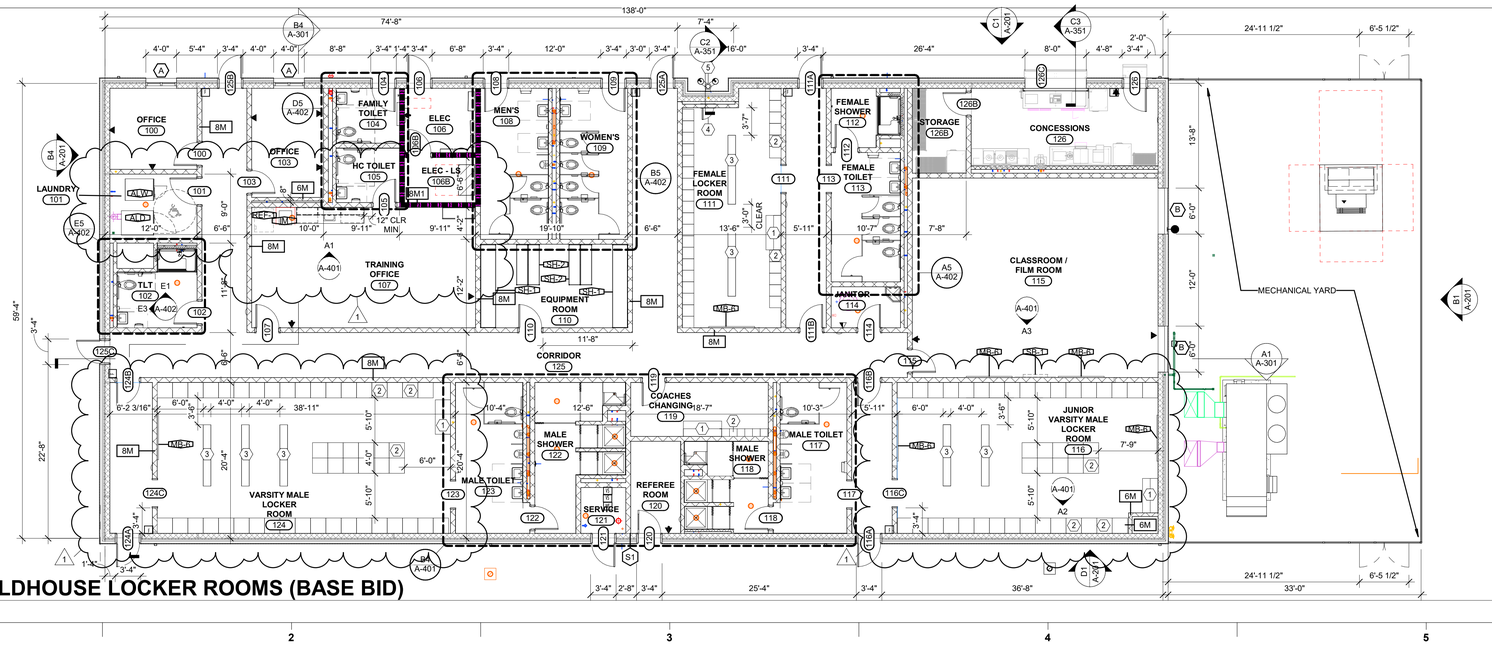
D1 ROOF PLAN - FIELDHOUSE LOCKER ROOMS (BASE BID)

1/8" = 1'-0"



C1 REFLECTED CEILING PLAN - FIELDHOUSE LOCKER ROOMS (BASE BID)

1/8" = 1'-0"



A1 FLOOR PLAN - FIELDHOUSE LOCKER ROOMS (BASE BID)

1/8" = 1'-0"

ROOF PLAN GENERAL NOTES

A. SEE G-001 FOR SHEET-SPECIFIC GRAPHICS & SYMBOLS.
B. LOCATIONS AND SIZES OF MECHANICAL EQUIPMENT ARE APPROXIMATE. COORDINATE WITH STRUCTURAL, MECHANICAL PLAN AND EQUIPMENT SHOP DRAWINGS.
C. SEE PLUMBING DRAWINGS FOR VENTS THROUGH ROOF LOCATIONS.
D. SEE STRUCTURAL DRAWINGS FOR DESIGN LOAD REQUIREMENTS
E. PROVIDE CRICKETS AT ALL CURBS AND EQUIPMENT RAILS SET PERPENDICULAR TO ROOF SLOPE WHICH ARE GREATER THAN 24" WIDE.
F. SLOPE ALL COPINGS BACK TO ROOF UNO.
G. WOOD BLOCKING SHOWN IN ROOF DETAILING SHALL BE PRESERVATIVE TREATED. USE FASTENERS COMPATIBLE WITH PRESERVATIVE TREATED WOOD.
H. EXTEND ALL PENETRATIONS, CURBS, AND COMPONENTS A MINIMUM OF 8" ABOVE THE ROOF SURFACE. PROVIDE 12" CLEAR DISTANCE BETWEEN PENETRATIONS AND TO ANY VERTICAL SURFACE.
I. IF NOT DETAILED, APPLY MOST STRINGENT CONDITION OF NRCA AND SMACNA (CURRENT EDITIONS) STANDARDS FOR ROOF DETAIL CONDITIONS.
J. PROVIDE AND INSTALL A CONTROL JOINT IN ROOF ASSEMBLY AT ALL LOCATIONS WHERE METAL ROOF DECK CHANGES DIRECTION.

RCP LEGEND

ACT-19'-8" — HEIGHT (FEET, INCHES) ABOVE FINISHED FLOOR; CEILING TYPE; SEE FINISH LEGEND

- 2x2 LAY-IN CEILING PANEL
- 2x2 LAY-IN CEILING PANEL SCRUBBABLE
- GYPSUM BOARD - 1
- GYPSUM BOARD - 2
- LINEAR METAL SOFFIT
- EXPOSED CEILING;SEE FINISH LEGEND & SCHEDULE
- 1 X 4 LIGHT FIXTURE
- 2 X 4 LIGHT FIXTURE
- 2 X 2 LIGHT FIXTURE
- DOWNLIGHT
- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER
- EXHAUST FAN
- 18" X 18" CEILING ACCESS PANEL

REF: CEILING TAGS & SPECIFICATIONS
*GRAPHICS FOR FIXTURES AND EQUIPMENT MAY VARY

REFLECTED CEILING PLAN SHEET NOTES

A. PROVIDE SEISMIC RESTRAINT OF SUSPENDED CEILING SYSTEMS IN SITE CLASSIFICATIONS C, D, E & F.
B. INTERIOR DIMENSIONS INDICATED ARE TO FACE OF STUD, FACE OF MASONRY AND CENTERLINES OF COLUMNS, UNO.
C. CEILING GRIDS/TILES TO BE CENTERED IN ALL ROOMS UNLESS NOTED OTHERWISE. PARTIAL TILES AT ROOM PERIMETERS SHALL NOT BE LESS THAN 6" IN EITHER DIMENSION. OVERSIZED TILES SHALL BE INSTALLED WHERE TILES UNDER 6" OCCUR.
D. ALL CEILINGS TO BE 9'-9" AFF, UNO. CEILING HEIGHTS SHOWN ON THE REFLECTED CEILING PLANS ARE NON-TYPICAL AND SPECIFIC TO THE AREA INDICATED. REFER TO INTERIOR ELEVATIONS FOR THE HEIGHTS OF SOFFITS ABOVE CASEWORK.
E. SEE ELECTRICAL, FIRE ALARM AND FIRE PROTECTION DRAWINGS FOR SPECIAL SYSTEMS, SMOKE DETECTORS, LIGHTING AND WALL MOUNTED FIXTURES NOT SHOWN ON THIS SHEET. COORDINATE LOCATIONS OF ALL FIXTURES NOT INDICATED WITH LAYOUT INDICATED ON THIS SHEET.
F. LIGHT FIXTURES AND MECHANICAL DIFFUSERS ARE SHOWN FOR POSITIONING IN FINISH CEILING SYSTEM. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR FIXTURE TYPES, MECHANICAL DIFFUSERS, WALL MOUNTED FIXTURES AND INSTALLATION OF FIXTURES IN SPACES WITHOUT CEILINGS. (LIGHTING AND HVAC DIFFUSERS ARE SHOWN FOR COORDINATION ONLY - SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR SPECIFIC INFORMATION).
G. CENTER LIGHTS, DIFFUSERS, EXIT SIGNS, SMOKE DETECTORS, SPRINKLER HEADS, SPEAKERS, FIRE ALARM HORNS/STROBES & MISC DEVICES IN CEILING TILES WHERE THEY ARE LOCATED. ALIGN SIMILAR ITEMS ALONG A COMMON AXIS.
H. LOCATE MECHANICAL GRILLES AND DIFFUSERS SHOWN IN CORNERS OR NEAR WALL TO 12" OFF WALLS, UNO.
I. PROVIDE AND INSTALL CEILING ACCESS PANEL IN GYPSUM BOARD CEILINGS AT DEVICES REQUIRING ACCESS INCLUDING BUT NOT LIMITED TO BALANCING DAMPERS, SMOKE DETECTORS, VAV CONTROLS, PLUMBING VALVES, ELECTRICAL JUNCTION BOXES, ETC. MINIMIZE ACCESS DOORS WHERE POSSIBLE.
J. HEIGHT OF GYPSUM BOARD SOFFITS SHALL BE "1" BELOW HEIGHT OF ADJACENT CEILING(TYP) UNLESS NOTED OTHERWISE.
K. TOUCH-UP PAINT EXPOSED EDGES OF CUT ACOUSTICAL CEILING TILE TO MATCH SURFACE(TYP).
L. INDIVIDUAL TRADE COMPONENTS, INCLUDING BUT NOT LIMITED TO LIGHT FIXTURE WHIPS, FLEXIBLE FIRE PROTECTION PIPING, LOW VOLTAGE WIRING, ETC. SHALL NOT BE SUPPORTED BY ACOUSTICAL CEILING SYSTEM.

#	FLOOR PLAN NOTES BY NUMBER
NUMBER	NOTE
1	ADA ACCESSIBLE BENCH
2	ADA ACCESSIBLE LOCKER
3	FLOOR MOUNTED BENCHES, 9'-0" LONG
4	ACCESS PANEL; COORDINATE SIZE AND LOCATION WITH DRINKING FOUNTAIN
5	DRINKING FOUNTAIN; SEE PLUMBING
R1	ADA ACCESSIBLE LOCKER
S1	ADA ACCESSIBLE LOCKER
W1	ADA ACCESSIBLE LOCKER

GUTTER AND DOWNSPOUT LEGEND

MARK	DIMENSION	LOCATION
	GUTTER	
G-1	5 1/2" x 7"	FIELDHOUSE (BASE BID); WEIGHT ROOM (ADD ALT #1)
G-2	3" x 4"	DUGOUTS (BASE BID)
G-3	4" x 5"	RESTROOM & STORAGE (BASE BID), STORAGE (ADD ALT #2)
G-4	4 1/2" x 6"	CONCESSIONS (ADD ALT #6)
	DOWNSPOUT	
DS-1	3" x 4"	FIELDHOUSE (BASE BID); WEIGHTROOM (ADD ALT #1)
DS-2	1 3/4" x 2 1/4"	DUGOUTS (BASE BID)
DS-3	2" x 3"	RESTROOM & STORAGE (BASE BID), STORAGE (ADD ALT #2), CONCESSIONS (ADD ALT #6)

NOTE: BATTING CAGES (ADD ALT #2) ARE DELEGATED DESIGN. MANUFACTURER TO SIZE AND PROVIDE GUTTERS AND DOWNSPOUTS AS REQUIRED.

GENERAL NOTES

A. EXTERIOR DIMENSIONS AT MASONRY VENEER ARE COURSING, NOT ACTUAL AND ARE TO FACE OF MASONRY.
B. INTERIOR DIMENSIONS INDICATED ARE TO FACE OF STUD, FACE OF MASONRY AND CENTERLINES OF COLUMNS, UNO.
C. LOCATE DOOR OPENINGS 4" FROM NEAREST PERPENDICULAR WALL.
D. RATED WALLS/PARTITIONS TO BE CONSTRUCTED TIGHT TO STRUCTURE. ALL PENETRATIONS AND TERMINAL JOINTS ARE TO BE INSTALLED AS SHOWN IN APPLICABLE UL JOINT OR PENETRATION DETAIL.
E. WHERE PARTITIONS OF DIFFERENT FIRE RATINGS INTERSECT, THE HIGHEST RATED PARTITION SHALL CONTINUE THROUGH. MAINTAIN PARTITION FIRE RATING BEHIND RECESSED FIRE EXTINGUISHER CABINETS.
F. RATED WALLS INTERSECTING EXTERIOR WALLS SHALL EXTEND TO THE INSIDE FACE OF EXTERIOR SHEATHING.
G. INSTALL BLOCKING IN PARTITIONS FOR CASEWORK, WALL MOUNTED EQUIPMENT, TRIM, AND RELATED CONSTRUCTION.
H. SEE LIFE SAFETY PLANS FOR LOCATIONS OF FIRE RATED AND SMOKE WALLS
I. SEE SHEET A-001 FOR CONSTRUCTION SUBSYSTEMS (OR PARTITION SCHEDULE)
J. SEE SHEET A-461 FOR INTERIOR ELEVATIONS, ACCESSORY DESCRIPTIONS & MOUNTING HEIGHTS.
K. SEE STRUCTURAL DRAWINGS FOR SLAB DEPRESSIONS AND CUTOUTS.
L. SEE BUILDING ELEVATION DRAWINGS FOR LOCATION OF EXTERIOR MASONRY CONTROL JOINTS.
M. FIELD VERIFY LOCATION OF INTERIOR WALL & CEILING CONTROL JOINTS REQUIRED IN THE SPECIFICATION WITH ARCHITECT PRIOR TO INSTALLATION.
N. WALLS, INCLUDING GYP. BD. AT PERIMETER OF ROOMS/SPACES WITHOUT CEILINGS, i.e. EXPOSED STRUCTURE, SHALL EXTEND TO STRUCTURE ABOVE.

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

LS3P PROJECT: 1201-217190
DATE: 10/31/2025

FLOOR PLAN FIELDHOUSE (BASE BID)

A-101

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/Athletic Fieldhouse_Hampton County HS_v2022.rvt
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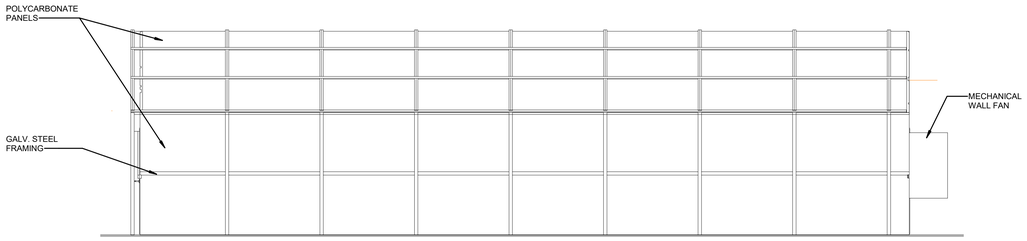
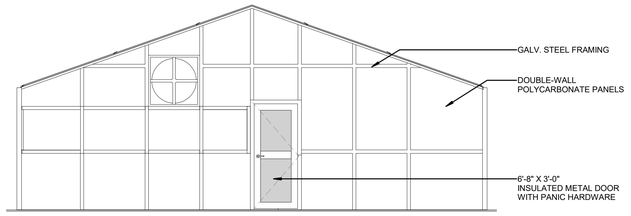


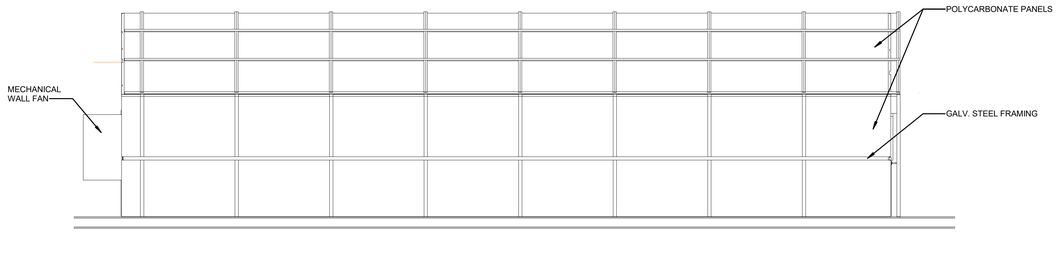
D1 ELEVATION - NORTH - GREENHOUSE (ADD ALT 5)

1/4" = 1'-0"



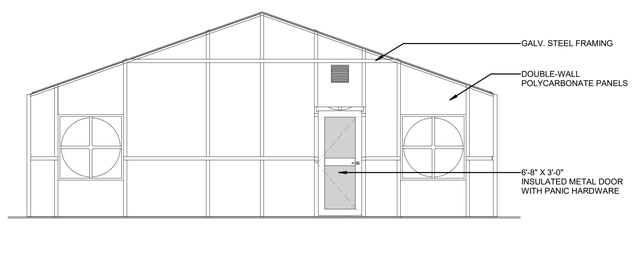
D4 ELEVATION - EAST - GREENHOUSE (ADD ALT 5)

1/4" = 1'-0"



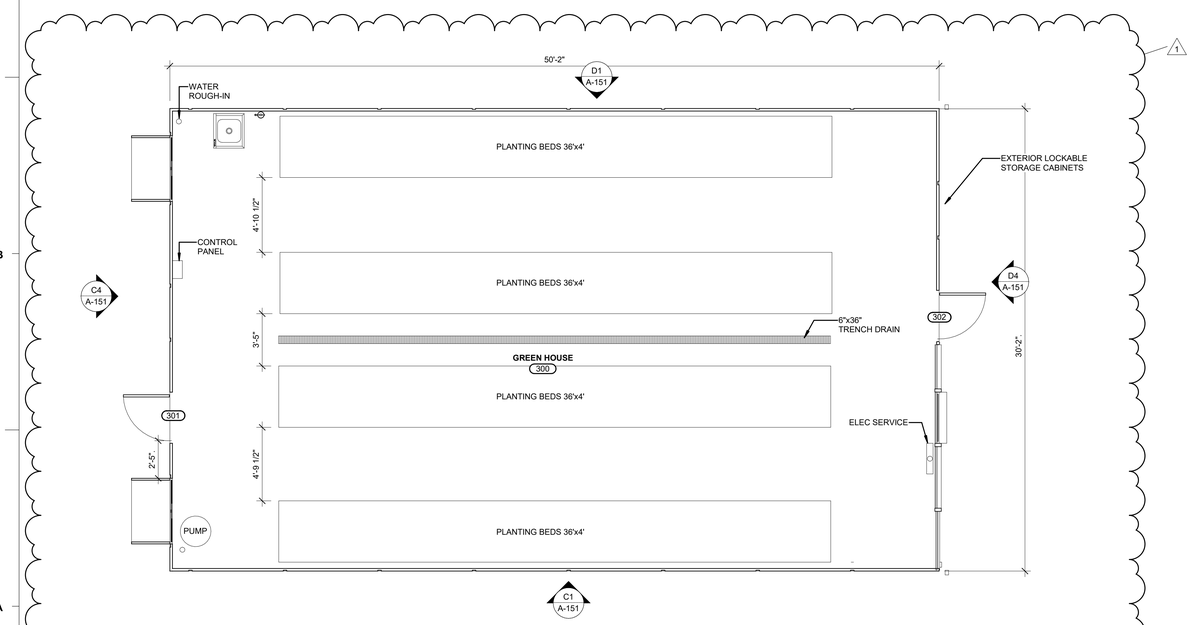
C1 ELEVATION - SOUTH - GREENHOUSE (ADD ALT 5)

1/4" = 1'-0"



C4 ELEVATION - WEST - GREENHOUSE (ADD ALT 5)

1/4" = 1'-0"



A1 FLOOR PLAN - GREEN HOUSE (ADD ALT 5)

1/4" = 1'-0"

GENERAL NOTES

A. GREENHOUSE MANUFACTURER SHALL PROVIDE COMPLETE DOCUMENTATION AS REQUIRED FOR REVIEW AND APPROVAL BY THE BUILDING CODE OFFICIAL PRIOR TO CONSTRUCTION. SEALED DRAINGS TO INCLUDE ALL STRUCTURAL DESIGN FOR FOUNDATION, PAD, BUILDING FRAMING, CONNECTIONS, AND ANY ADDITIONAL INFORMATION AS MAY BE REQUIRED BY THE BUILDING CODE OFFICIAL. DRAWINGS MUST BE SEALED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF SOUTH CAROLINA.
B. CONCRETE SLAB OVERALL DIMENSIONS TO BE COORDINATED WITH MANUFACTURER REQUIREMENTS.
C. SLAB THICKNESS, DOWNTURN DIMENSIONS, JOINTS, AND REINFORCING DETAILS SHOWN FOR MINIMUM ALLOWABLE REQUIREMENTS ONLY. GREENHOUSE MANUFACTURER TO PROVIDE FINAL DESIGN.
D. PROVIDE A SET OF GREENHOUSE ASSEMBLY DRAWINGS ON SITE FOR USE FOR THE FIELD INSPECTOR AS THE BUILDING IS GOVERNED BY THE 2018 SCSBC.
E. DRAWINGS AND DETAILS ARE "TYPICAL" FOR GREENHOUSE.

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

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1	ADDENDUM #1	11/19/2025

LS3P PROJECT: 1201-217190
DATE: 10/31/2025

PLANS & SECTIONS - GREENHOUSE (ADD ALT #5)

A-151

CONSTRUCTION DOCUMENTS

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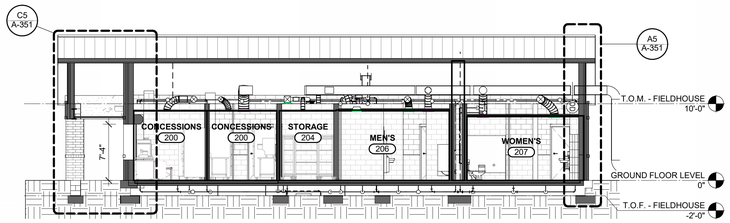
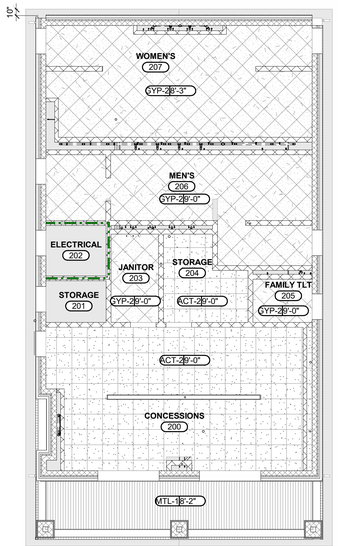


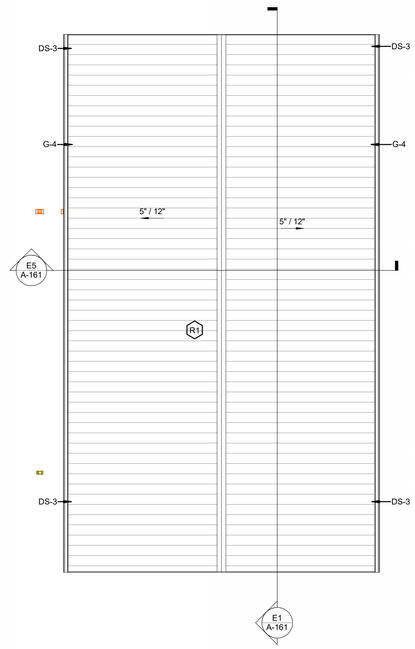
E1 SECTION A - RESTROOMS & CONCESSIONS

1/8" = 1'-0"



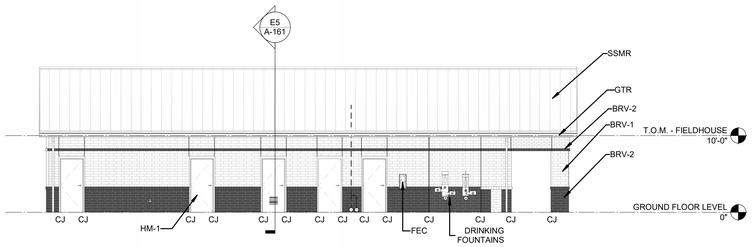
C1 RCP - CONCESSIONS & RESTROOMS (ADD ALT #6)

1/8" = 1'-0"



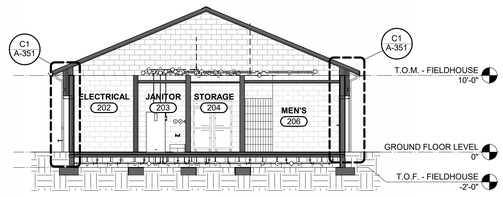
D1 ROOF PLAN - CONCESSIONS & RESTROOMS (ADD ALT #6)

1/8" = 1'-0"



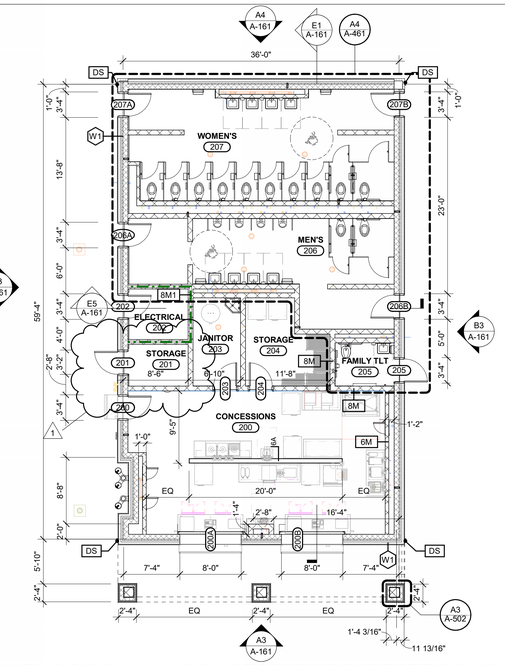
C3 RESTROOMS & CONCESSIONS - WEST

1/8" = 1'-0"



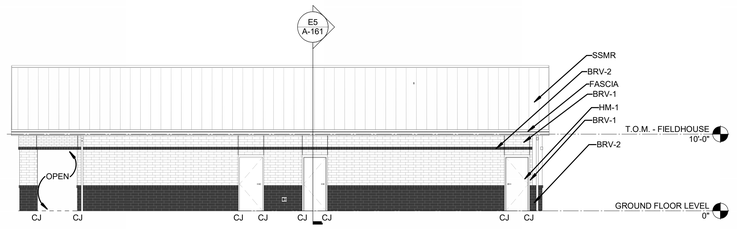
E5 SECTION B - RESTROOMS & CONCESSIONS

1/8" = 1'-0"



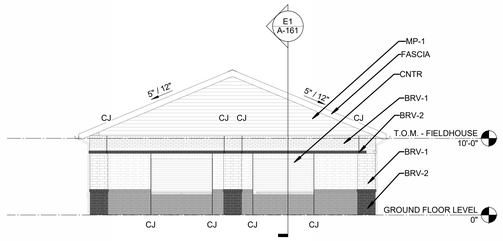
A1 FLOOR PLAN - CONCESSIONS & RESTROOMS (ADD ALT #6)

1/8" = 1'-0"



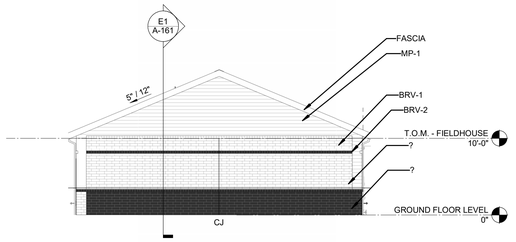
B3 RESTROOMS & CONCESSIONS - EAST

1/8" = 1'-0"



A3 RESTROOMS & CONCESSIONS - SOUTH

1/8" = 1'-0"



A4 RESTROOMS & CONCESSIONS - NORTH

1/8" = 1'-0"

ROOF PLAN GENERAL NOTES

A. SEE G-001 FOR SHEET-SPECIFIC GRAPHICS & SYMBOLS.
B. LOCATIONS AND SIZES OF MECHANICAL EQUIPMENT ARE APPROXIMATE. COORDINATE WITH STRUCTURAL, MECHANICAL PLAN AND EQUIPMENT SHOP DRAWINGS.
C. SEE PLUMBING DRAWINGS FOR VENTS THROUGH ROOF LOCATIONS.
D. SEE STRUCTURAL DRAWINGS FOR DESIGN LOAD REQUIREMENTS.
E. PROVIDE CRICKETS AT ALL CURBS AND EQUIPMENT RAILS SET PERPENDICULAR TO ROOF SLOPE WHICH ARE GREATER THAN 24" WIDE.
F. SLOPE ALL COPINGS BACK TO ROOF UNO.
G. WOOD BLOCKING SHOWN IN ROOF DETAILING SHALL BE PRESERVATIVE TREATED. USE FASTENERS COMPATIBLE WITH PRESERVATIVE TREATED WOOD.
H. EXTEND ALL PENETRATIONS, CURBS, AND COMPONENTS A MINIMUM OF 8" ABOVE THE ROOF SURFACE. PROVIDE 12" CLEAR DISTANCE BETWEEN PENETRATIONS AND TO ANY VERTICAL SURFACE.
I. IF NOT DETAILED, APPLY MOST STRINGENT CONDITION OF NRCA AND SMACNA (CURRENT EDITIONS) STANDARDS FOR ROOF DETAIL CONDITIONS.
J. PROVIDE AND INSTALL A CONTROL JOINT IN ROOF ASSEMBLY AT ALL LOCATIONS WHERE METAL ROOF DECK CHANGES DIRECTION.

RCP LEGEND

ACT-19'-8" — HEIGHT (FEET, INCHES) ABOVE FINISHED FLOOR; CEILING TYPE; SEE FINISH LEGEND

- 2x2 LAY-IN CEILING PANEL
- 2x2 LAY-IN CEILING PANEL SCRUBBABLE
- GYPSUM BOARD - 1
- GYPSUM BOARD - 2
- LINEAR METAL SOFFIT
- EXPOSED CEILING;SEE FINISH LEGEND & SCHEDULE
- 1 X 4 LIGHT FIXTURE
- 2 X 4 LIGHT FIXTURE
- 2 X 2 LIGHT FIXTURE
- DOWNLIGHT
- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER
- EXHAUST FAN
- 18" X 18" CEILING ACCESS PANEL

REF: CEILING TAGS & SPECIFICATIONS *GRAPHICS FOR FIXTURES AND EQUIPMENT MAY VARY

GUTTER AND DOWNSPOUT LEGEND

MARK	DIMENSION	LOCATION
	GUTTER	
G-1	5 1/2" x 7"	FIELDHOUSE (BASE BID); WEIGHT ROOM (ADD ALT #1)
G-2	3" x 4"	DUGOUTS (BASE BID)
G-3	4" x 5"	RESTROOM & STORAGE (BASE BID), STORAGE (ADD ALT #2)
G-4	4 1/2" x 6"	CONCESSIONS (ADD ALT #6)
	DOWNSPOUT	
DS-1	3" x 4"	FIELDHOUSE (BASE BID); WEIGHTROOM (ADD ALT #1)
DS-2	1 3/4" x 2 1/4"	DUGOUTS (BASE BID)
DS-3	2" x 3"	RESTROOM & STORAGE (BASE BID), STORAGE (ADD ALT #2), CONCESSIONS (ADD ALT #6)

NOTE: BATTING CAGES (ADD ALT #2) ARE DELEGATED DESIGN. MANUFACTURER TO SIZE AND PROVIDE GUTTERS AND DOWNSPOUTS AS REQUIRED.

ARCH- MATERIAL FINISHES (EXTERIOR)

TAG	DESCRIPTION	MANUFACTURER	PRODUCT COLOR
BRV-1	FIELD UTILITY BRICK	MERIDIAN	SAVANNAH MOSS
BRV-2	BASE/ACCENT UTILITY BRICK	WATSONTOWN BRICK	BLACK MATTE
FASCIA	METAL FASCIA		SLATE GREY
HM-1	PAINTED HOLLOW METAL		GRAY
MP-1	CORRUGATED METAL PANEL	MBCI	SLATE GREY
RB-1			
SF-1	ALUMINUM STOREFRONT	YKK	ANODIZED ALUMINUM
SSMR	STANDING SEAM METAL ROOF	MBCI	SLATE GREY
WH-1			

GENERAL NOTES

A. EXTERIOR DIMENSIONS AT MASONRY VENEER ARE COURSING, NOT ACTUAL AND ARE TO FACE OF MASONRY.
B. INTERIOR DIMENSIONS INDICATED ARE TO FACE OF STUD, FACE OF MASONRY AND CENTERLINES OF COLUMNS, UNO.
C. LOCATE DOOR OPENINGS 4" FROM NEAREST PERPENDICULAR WALL.
D. RATED WALLS/PARTITIONS TO BE CONSTRUCTED TIGHT TO STRUCTURE. ALL PENETRATIONS AND TERMINAL JOINTS ARE TO BE INSTALLED AS SHOWN IN APPLICABLE UL JOINT OR PENETRATION DETAIL.
E. WHERE PARTITIONS OF DIFFERENT FIRE RATINGS INTERSECT, THE HIGHEST RATED PARTITION SHALL CONTINUE THROUGH. MAINTAIN PARTITION FIRE RATING BEHIND RECESSED FIRE EXTINGUISHER CABINETS.
F. RATED WALLS INTERSECTING EXTERIOR WALLS SHALL EXTEND TO THE INSIDE FACE OF EXTERIOR SHEATHING.
G. INSTALL BLOCKING IN PARTITIONS FOR CASEWORK, WALL MOUNTED EQUIPMENT, TRIM, AND RELATED CONSTRUCTION.
H. SEE LIFE SAFETY PLANS FOR LOCATIONS OF FIRE RATED AND SMOKE WALLS
I. SEE SHEET A-001 FOR CONSTRUCTION SUBSYSTEMS (OR PARTITION SCHEDULE)
J. SEE SHEET A-461 FOR INTERIOR ELEVATIONS, ACCESSORY DESCRIPTIONS & MOUNTING HEIGHTS.
K. SEE STRUCTURAL DRAWINGS FOR SLAB DEPRESSIONS AND CUTOUTS.
L. SEE BUILDING ELEVATION DRAWINGS FOR LOCATION OF EXTERIOR MASONRY CONTROL JOINTS.
M. FIELD VERIFY LOCATION OF INTERIOR WALL & CEILING CONTROL JOINTS REQUIRED IN THE SPECIFICATION WITH ARCHITECT PRIOR TO INSTALLATION.
N. WALLS, INCLUDING GYP. BD. AT PERIMETER OF ROOMS/SPACES WITHOUT CEILINGS, i.e. EXPOSED STRUCTURE, SHALL EXTEND TO STRUCTURE ABOVE.

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

LS3P PROJECT: 1201-217190
DATE: 10/31/2025

FLOOR PLAN CONCESSIONS (ADD ALT #6)

A-161

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/Athletic Fieldhouse_Hampton County HS_v2022.rvt
11/19/2025 11:15:38 PM

RESTROOM ACCESSORIES

TAG	DESCRIPTION	MANUFACTURER	MODEL	COMMENTS
BCS	BABY CHANGING STATION	ASI	#9013-9	
CH1	COAT HOOK	ASI	#7308	
GB12	GRAB BAR- HORIZONTAL-12"	ASI	#3801-12	
GB18	GRAB BAR- VERTICAL- 18"	ASI	#3801-18	
GB36	GRAB BAR- HORIZONTAL- 36"	ASI	#3801-36	
GB42	GRAB BAR- HORIZONTAL- 42"	ASI	#3801-42	
GB54	GRAB BAR- HORIZONTAL- 54"	ASI	#3802-54	
GBL	GRAB BAR - L SHAPED CONTINUOUS	ASI	#3760-P	
MM-1	MIRROR 24" x 36"	ASI	#0620	
MM-2	MIRROR 36" x 60"	ASI	#0620	
PTD1	PAPER TOWEL DISPENSER / WASTE COMBINATION	ASI	#0469-9	
PTD2	PAPER TOWEL DISPENSER / WASTE COMBINATION	ASI	#0462-AD-9	
SC1	SEAT COVER DISPENSER	ASI	#20477	
SCR	SHOWER CURTAIN ROD	ASI	#1204	CURTAIN HOOK: #1200-SHU; CURTAIN: #1200-V
SD	SOAP DISPENSER	ASI	#0347	
SND	SANITARY NAPKIN DISPOSAL	ASI	#0473-1A	
SS1	SHOWER SEAT	ASI	#8206-L	
TTH	TOILET PAPER DISPENSER	ASI	#0030	
US	URINAL SCREEN	ASI	#0030	

PARTITION GRAPHICS

GRAPHIC SAMPLE: 1 HOUR RATED CMU FIRE/SMOKE BARRIER:

18M1C

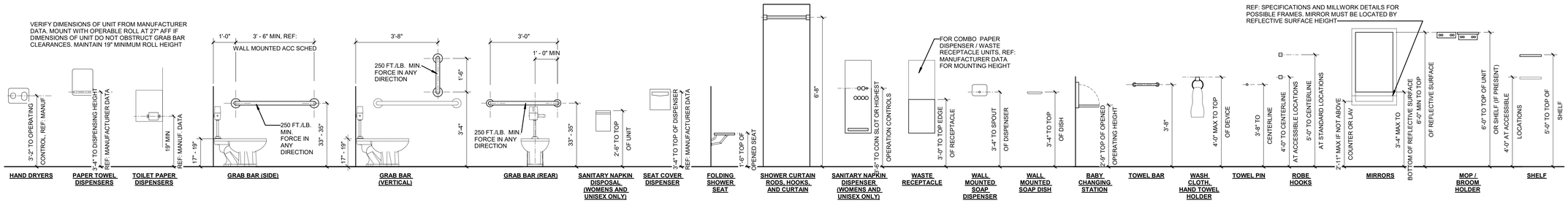
- SEE FILL PATTERN LEGEND FOR FIRE-RESISTANCE RATING
- SEE COLOR LEGEND FOR HEIGHT CONDITION AND FIRE/SMOKE PROTECTION TYPE
- SEE PARTITION TAG AND SCHEDULE FOR COMPLETE PARTITION INFORMATION

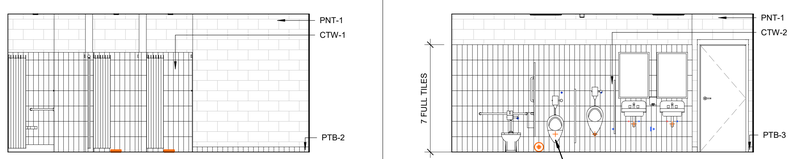
FILL PATTERN LEGEND

- 30 MIN-RATED PARTITION
- 1 HOUR-RATED PARTITION
- 2 HOUR-RATED PARTITION
- 3 HOUR-RATED PARTITION
- 4 HOUR-RATED PARTITION

COLOR LEGEND

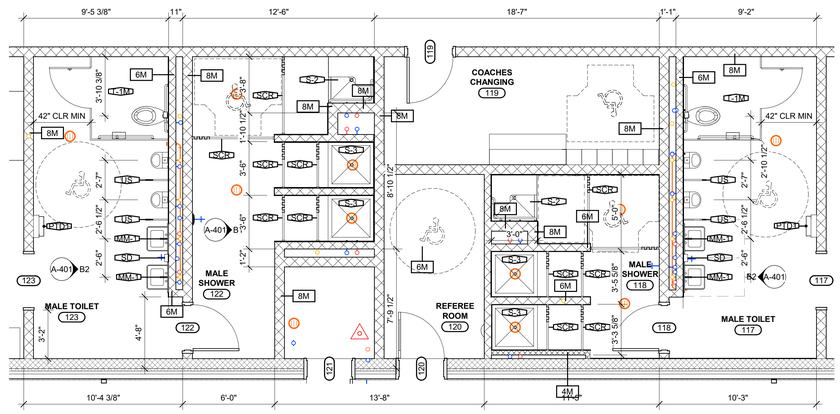
- NON-RATED PARTITION TO 6" ABOVE CEILING, U.N.O.
- NON-RATED PARTITION TO DECK
- NON-RATED **SMOKE PARTITION** TO DECK
- RATED **SMOKE BARRIER** TO DECK
- RATED **FIRE PARTITION** TO DECK
- RATED **FIRE/SMOKE BARRIER** TO DECK
- RATED **FIRE BARRIER** TO DECK
- RATED **FIRE WALL** TO DECK





B1 MALE SHOWER - G119 - EAST
1/4" = 1'-0"

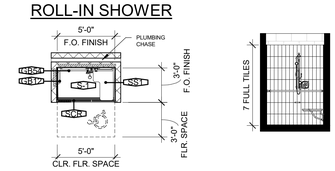
B2 MALE TOILET - G120 - EAST
1/4" = 1'-0"



B4 FIELDHOUSE - MALE TLT/SHOWERS (BASE BID)
1/4" = 1'-0"

SHOWER LEGEND

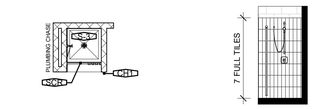
ROLL-IN SHOWER

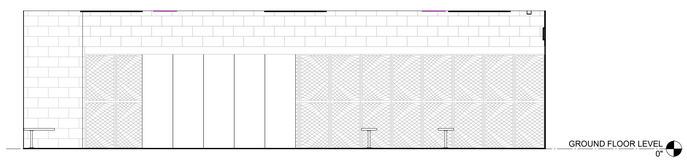


TRANSFER SHOWER

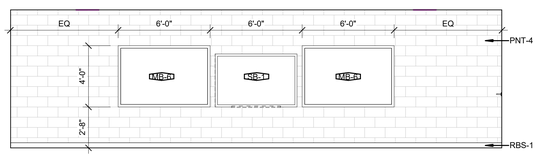


NON- ACCESSIBLE SHOWER

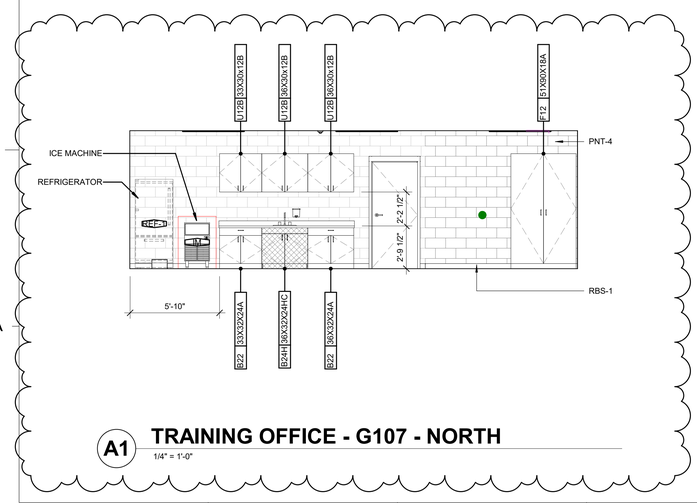




A2 JV MALE LCKR RM
1/4" = 1'-0"



A3 CLASSROOM / FILM ROOM - G115 - WEST
1/4" = 1'-0"

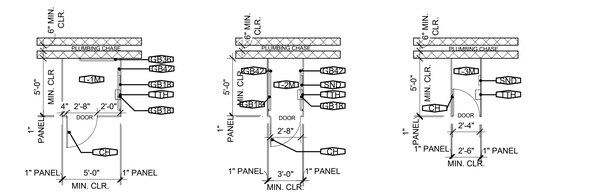


A1 TRAINING OFFICE - G107 - NORTH
1/4" = 1'-0"

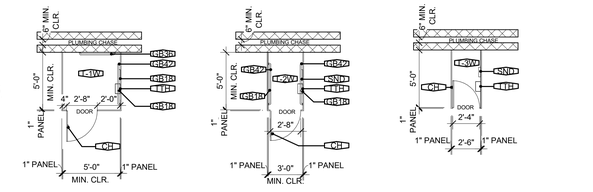
TOILET STALL LEGEND

A. ALL TOILET COMPARTMENTS TO BE FLOOR MOUNTED
B. ALL URINAL SCREENS (UL-1) TO BE WALL MOUNTED

MENS



WOMENS



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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

LS3P PROJECT: 1201-217190
DATE: 10/31/2025

ENLARGED PLANS AND ELEVATIONS - FIELDHOUSE TRAINING OFFICE & BATHROOMS (BASE BID)

A-401

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/Athletic Fieldhouse_Hampton County HS_v2022.rvt
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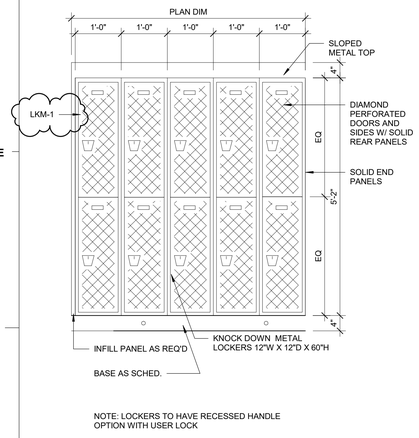
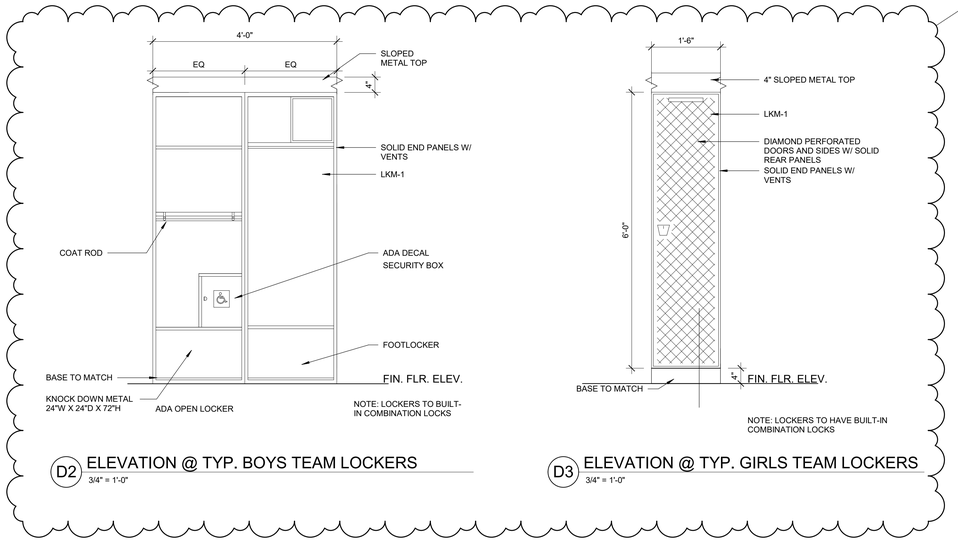
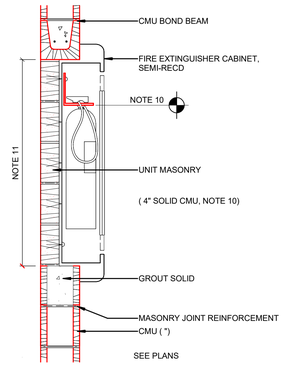


D1 ELEVATION @ TYP. COACHES'S LOCKERS
3/4" = 1'-0"



D2 ELEVATION @ TYP. BOYS TEAM LOCKERS
3/4" = 1'-0"

D3 ELEVATION @ TYP. GIRLS TEAM LOCKERS
3/4" = 1'-0"



D4 F.E.C. @ RATED CMU PARTITION
1" = 1'-0"

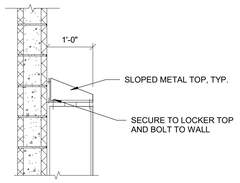
SHEET NOTES

1. WIDTH OF CONTROL JOINT TO MATCH WIDTH OF GROUT JOINT, EXCEPT MINIMUM JOINT WIDTH SHALL BE 1/4".
2. SEE SPECIFICATIONS FOR CONTROL JOINT SPACING AT GYPSUM WALLBOARD.
3. SEE STRUCTURAL DRAWINGS FOR CONCRETE SLAB EDGE CONDITION.
4. SEE WALL SECTION DETAILS FOR ADJACENT CONSTRUCTION.
5. DO NOT INSTALL REINFORCING THROUGH CONTROL JOINTS.
6. CONTROL JOINTS SHALL BE CLEAR OF MORTAR.
7. DOOR AS SCHEDULED.
8. SLOPE FLOOR TO DRAIN.
9. REFER TO PLANS AND SECTIONS FOR WALL TYPE AND A-001 FOR WALL TYPE DIMENSIONS AND COMPONENTS.
10. INSTALL CABINET SO THAT THE TOP OF THE FIRE EXTINGUISHER IS NOT MORE THAN 5'-0" A.F.F. (FOR EXTINGUISHERS WEIGHING LESS THAN 40 LBS.) NORE MORE THAN 3'-6" A.F.F. (FOR EXTINGUISHERS WEIGHING GREATER THAN 40 LBS.)
11. COORDINATE ROUGH OPENING WITH APPROVED FEC MANUFACTURER OR EXISTING RELOCATED FEC.

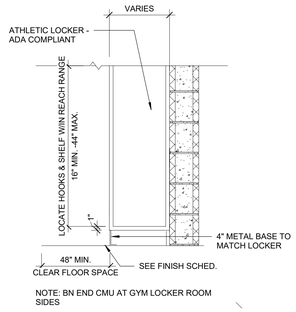
GENERAL NOTES

A. FLOOR FINISHES TO BE LEVEL AND FLUSH WITH THRESHOLD, WITH MAXIMUM 1/4" TOLERANCE, TYPICAL
B. FLOOR TRANSITIONS THAT OCCUR WITHIN DOOR THRESHOLD TO OCCUR AT CENTERLINE OF CLOSED DOOR, TYPICAL U.N.O.

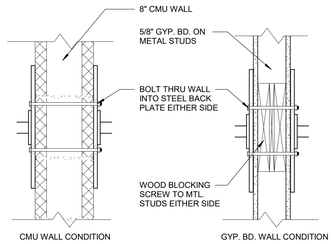
HAMPTON COUNTY HIGH SCHOOL - PHASE 2



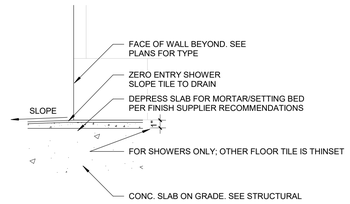
C1 TOP DETAIL @ LOCKERS
3/4" = 1'-0"



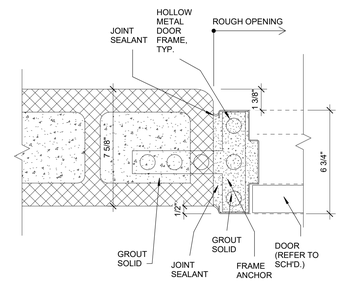
C2 LOCKER SECTION @ BASE - TYP.
3/4" = 1'-0"



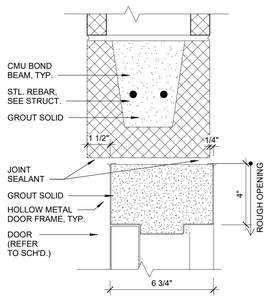
C3 TYP. TV BRACKET MOUNTING DETAIL
1 1/2" = 1'-0"



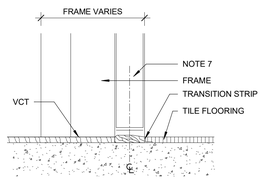
C4 SHOWER STALL THRESHOLD DETAIL
1 1/2" = 1'-0"



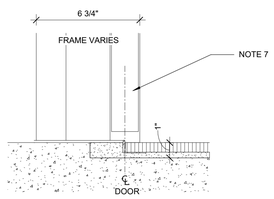
C5 H.M. FRAME - JAMB @ INT. DOOR - 8" CMU
3" = 1'-0"



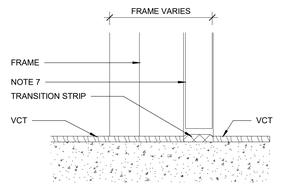
B1 H.M. FRAME - HEAD @ INT. DOOR - 8" CMU
3" = 1'-0"



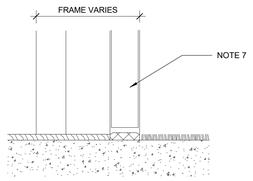
B2 SILL - VCT TO PORCELAIN TILE
3" = 1'-0"



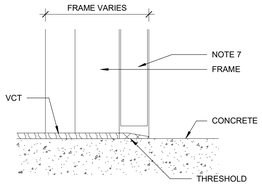
B3 SILL - VCT TO QUARRY TILE
3" = 1'-0"



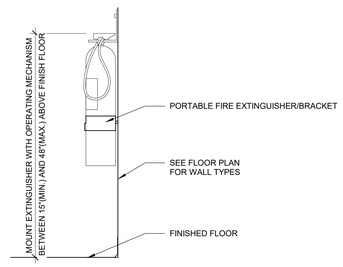
B4 SILL - VCT TO VCT
3" = 1'-0"



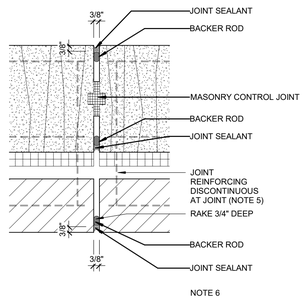
B5 SILL - VCT TO CARPET
3" = 1'-0"



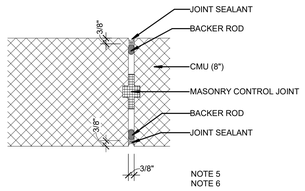
B6 SILL - VCT TO CONCRETE
3" = 1'-0"



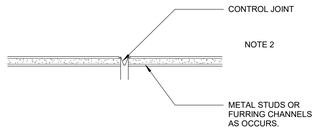
A1 FIRE EXTINGUISHER (SURFACE MOUNTED)
1" = 1'-0"



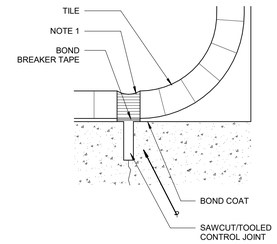
A2 EXTERIOR MASONRY CONTROL JOINT
3" = 1'-0"



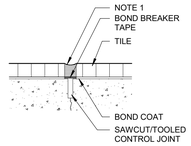
A3 INTERIOR MASONRY CONTROL JOINT
3" = 1'-0"



A4 CONTROL JOINT @ GWB
3" = 1'-0"



A5 TILE CONTROL JOINT
1 : 1



A6 TILE CONTROL JOINT - THIN SET
1" = 1'-0"

LS3P

205 1/2 KING STREET
CHARLESTON, SOUTH CAROLINA 29401
TEL. 843.577.4444 FAX 843.722.4789
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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

LS3P PROJECT: 1201-217190
DATE: 10/31/2025

INTERIOR DETAILS

A-530

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/Athletic Fieldhouse_Hampton County HS_v2022.rvt
11/19/2025 1:15:47 PM

DOOR AND FRAME SCHEDULE - FIELDHOUSE LOCKER ROOMS (BASE BID)

NUMBER	DOOR FIRE RATING MINUTES	DOOR PANELS: PANEL TYPE PANEL 1	PANEL TYPE PANEL 2	PANEL DIMENSIONS WIDTH PANEL 1	PANEL DIMENSIONS WIDTH PANEL 2	PANEL DIMENSIONS HEIGHT	DOOR PANELS FINISH 1	DOOR FRAME TYPE	DOOR FRAME FINISH 1	FRAME HEAD HEIGHT	HW SET	COMMENTS
GROUND FLOOR LEVEL												
100		PNL-N-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	14.0	
101		PNL-F-HM		3'-6"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	12.0	
102		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	13.0	
103		PNL-N-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	14.0	
104		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	8.0	
105		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	13.0	
106		PNL-L-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	2.0	
106B	60 MIN	PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	11.0	
107		PNL-N-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	14.0	
108		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	10.0	
109		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	10.0	
110		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	18.0	
111		PNL-NP		3'-6"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM2	Metal - Painted Door Panel - EXT	4"	-	
111A		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	1.0	
111B		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	21.0	
112		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	13.0	
113		PNL-NP		3'-6"		7'-0"	<By Category>	FRM-00HM2	Metal - Painted Door Panel - EXT	4"	-	
114		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	17.0	
115		PNL-N-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	19.0	
116A		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	1.0	
116B		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	21.0	
116C		PNL-NP		3'-6"		7'-0"	<By Category>	FRM-00HM2	Metal - Painted Door Panel - EXT	4"	-	
117		PNL-NP		3'-6"		7'-0"	<By Category>	FRM-00HM2	Metal - Painted Door Panel - EXT	4"	-	
118		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	20.0	
119		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	21.0	
120		PNL-FG-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	6.0	
121		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	4.0	
122		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	20.0	
123		PNL-NP		3'-6"		7'-0"	<By Category>	FRM-00HM2	Metal - Painted Door Panel - EXT	4"	-	
124A		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	1.0	
124B		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	21.0	
124C		PNL-NP		3'-6"		7'-0"	<By Category>	FRM-00HM2	Metal - Painted Door Panel - EXT	4"	-	
125A		PNL-N-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	1.0	
125B		PNL-N-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	1.0	
125C		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	1.0	
126		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	6.0	
126B		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	17.0	
126C		PNL-F1-STL		8'-0"		4'-8"	08-OPENINGS-ROLLING DOOR 3" PANELS	FRM-60STL	Metal - Painted Door Panel - EXT	4"	23.0	

DOOR AND FRAME SCHEDULE - FIELDHOUSE WEIGHT ROOM (ADD ALT #1)

NUMBER	DOOR FIRE RATING MINUTES	DOOR PANELS: PANEL TYPE PANEL 1	PANEL TYPE PANEL 2	PANEL DIMENSIONS WIDTH PANEL 1	PANEL DIMENSIONS WIDTH PANEL 2	PANEL DIMENSIONS HEIGHT	DOOR PANELS FINISH 1	DOOR FRAME TYPE	DOOR FRAME FINISH 1	FRAME HEAD HEIGHT	HW SET	COMMENTS
GROUND FLOOR LEVEL												
125C.2		PNL-FG-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	16.0	DOOR 125C.2 TO REPLACE DOOR 125C FOR ADD-ALT #1
130A		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	1.0	
130B		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	1.0	
130C		PNL-F1-STL		8'-0"		8'-0"	08-OPENINGS-ROLLING DOOR 3" PANELS	FRM-60STL	Metal - Painted Door Panel - EXT	4"	23.0	
130D		PNL-F1-STL		8'-0"		8'-0"	08-OPENINGS-ROLLING DOOR 3" PANELS	FRM-60STL	Metal - Painted Door Panel - EXT	4"	23.0	INSULATED COILING DOOR

DOOR AND FRAME SCHEDULE - CONCESSIONS & RESTROOMS (ADD ALT #6)

NUMBER	DOOR FIRE RATING MINUTES	DOOR PANELS: PANEL TYPE PANEL 1	PANEL TYPE PANEL 2	PANEL DIMENSIONS WIDTH PANEL 1	PANEL DIMENSIONS WIDTH PANEL 2	PANEL DIMENSIONS HEIGHT	DOOR PANELS FINISH 1	DOOR FRAME TYPE	DOOR FRAME FINISH 1	FRAME HEAD HEIGHT	HW SET	COMMENTS
GROUND FLOOR LEVEL												
200		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	6.0	
200A		PNL-F1-STL		8'-0"		4'-8"	08-OPENINGS-ROLLING DOOR 3" PANELS	FRM-60STL	Metal - Painted Door Panel - EXT	0"	23.0	COILING COUNTER DOOR
200B		PNL-F1-STL		8'-0"		4'-8"	08-OPENINGS-ROLLING DOOR 3" PANELS	FRM-60STL	Metal - Painted Door Panel - EXT	0"	23.0	COILING COUNTER DOOR
201		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	3.0	
202		PNL-L-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	3.0	
203		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	17.0	
204		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	17.0	
205		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	9.0	
206A		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	10.0	
206B		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	10.0	
207A		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	10.0	
207B		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	10.0	

DOOR AND FRAME SCHEDULE - GREENHOUSE (ADD ALT #5)

NUMBER	DOOR FIRE RATING MINUTES	DOOR PANELS: PANEL TYPE PANEL 1	PANEL TYPE PANEL 2	PANEL DIMENSIONS WIDTH PANEL 1	PANEL DIMENSIONS WIDTH PANEL 2	PANEL DIMENSIONS HEIGHT	DOOR PANELS FINISH 1	DOOR FRAME TYPE	DOOR FRAME FINISH 1	FRAME HEAD HEIGHT	HW SET	COMMENTS
GROUND FLOOR LEVEL												
301		PNL-O-AL1 : PNL-O-AL		3'-0"		7'-0"	AL	FRM-00HM5 : FRM-00HM1	AL	2"		HW SET TO BE PROVIDED BY MANUFACTURER
302		PNL-O-AL1 : PNL-O-AL		3'-0"		7'-0"	AL	FRM-00HM5 : FRM-00HM1	AL	2"		HW SET TO BE PROVIDED BY MANUFACTURER

DOOR AND FRAME SCHEDULE - RESTROOM & STORAGE BUILDING (BASE BID)

NUMBER	DOOR FIRE RATING MINUTES	DOOR PANELS: PANEL TYPE PANEL 1	PANEL TYPE PANEL 2	PANEL DIMENSIONS WIDTH PANEL 1	PANEL DIMENSIONS WIDTH PANEL 2	PANEL DIMENSIONS HEIGHT	DOOR PANELS FINISH 1	DOOR FRAME TYPE	DOOR FRAME FINISH 1	FRAME HEAD HEIGHT	HW SET	COMMENTS
GROUND FLOOR LEVEL												
401A		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	4.0	
401B		PNL-F1-STL		8'-0"		8'-0"	08-OPENINGS-ROLLING DOOR 3" PANELS	FRM-60STL	Metal - Painted Door Panel - EXT	4"	23.0	COILING SERVICE DOOR
402A		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	4.0	
402B		PNL-F1-STL		8'-0"		8'-0"	08-OPENINGS-ROLLING DOOR 3" PANELS	FRM-60STL	Metal - Painted Door Panel - EXT	4"	23.0	COILING SERVICE DOOR
403A		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	4.0	
403B		PNL-F1-STL		8'-0"		8'-0"	08-OPENINGS-ROLLING DOOR 3" PANELS	FRM-60STL	Metal - Painted Door Panel - EXT	4"	23.0	COILING SERVICE DOOR
404A		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	10.0	
404B		PNL-L-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	10.0	
405A		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	10.0	
405B		PNL-L-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	10.0	

DOOR AND FRAME SCHEDULE - DUGOUTS (BASE BID)

NUMBER	DOOR FIRE RATING MINUTES	DOOR PANELS: PANEL TYPE PANEL 1	PANEL TYPE PANEL 2	PANEL DIMENSIONS WIDTH PANEL 1	PANEL DIMENSIONS WIDTH PANEL 2	PANEL DIMENSIONS HEIGHT	DOOR PANELS FINISH 1	DOOR FRAME TYPE	DOOR FRAME FINISH 1	FRAME HEAD HEIGHT	HW SET	COMMENTS
GROUND FLOOR LEVEL												
501A		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	3.0	
501B		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	4.0	
511A		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	6.0	
511B		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	7.0	

DOOR AND FRAME SCHEDULE - PRESSBOXES (ADD ALT #2)

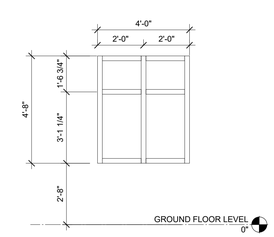
NUMBER	DOOR FIRE RATING MINUTES	DOOR PANELS: PANEL TYPE PANEL 1	PANEL TYPE PANEL 2	PANEL DIMENSIONS WIDTH PANEL 1	PANEL DIMENSIONS WIDTH PANEL 2	PANEL DIMENSIONS HEIGHT	DOOR PANELS FINISH 1	DOOR FRAME TYPE	DOOR FRAME FINISH 1	FRAME HEAD HEIGHT	HW SET	COMMENTS
GROUND FLOOR LEVEL												
502		PNL-F-HM		4'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	2"	5.0	PRESSBOX
503		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	2"	7.0	PRESSBOX
510		PNL-F-HM		4'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	2"	5.0	PRESSBOX
511		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	2"	7.0	PRESSBOX

DOOR AND FRAME SCHEDULE - STORAGE BUILDING (ADD ALT #2)

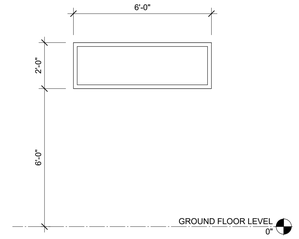
NUMBER	DOOR FIRE RATING MINUTES	DOOR PANELS: PANEL TYPE PANEL 1	PANEL TYPE PANEL 2	PANEL DIMENSIONS WIDTH PANEL 1	PANEL DIMENSIONS WIDTH PANEL 2	PANEL DIMENSIONS HEIGHT	DOOR PANELS FINISH 1	DOOR FRAME TYPE	DOOR FRAME FINISH 1	FRAME HEAD HEIGHT	HW SET	COMMENTS
GROUND FLOOR LEVEL												
601A		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	4.0	
601B		PNL-F1-STL		8'-0"		8'-0"	08-OPENINGS-ROLLING DOOR 3" PANELS	FRM-60STL	Metal - Painted Door Panel - EXT	4"	23.0	
602A		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	4.0	
602B		PNL-F1-STL		8'-0"		8'-0"	08-OPENINGS-ROLLING DOOR 3" PANELS	FRM-60STL	Metal - Painted Door Panel - EXT	4"	23.0	
603A		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	4"	4.0	
603B		PNL-F1-STL		8'-0"		8'-0"	08-OPENINGS-ROLLING DOOR 3" PANELS	FRM-60STL	Metal - Painted Door Panel - EXT	4"	23.0	

DOOR AND FRAME SCHEDULE - PRESSBOX (ADD ALT #6)

NUMBER	DOOR FIRE RATING MINUTES	DOOR PANELS: PANEL TYPE PANEL 1	PANEL TYPE PANEL 2	PANEL DIMENSIONS WIDTH PANEL 1	PANEL DIMENSIONS WIDTH PANEL 2	PANEL DIMENSIONS HEIGHT	DOOR PANELS FINISH 1	DOOR FRAME TYPE	DOOR FRAME FINISH 1	FRAME HEAD HEIGHT	HW SET	COMMENTS
PB FLOOR LEVEL												
700		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	2"	7.0	
701		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	2"	15.0	
702		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	2"	15.0	
703		PNL-F-HM		3'-0"		7'-0"	Metal - Painted Door Panel - EXT	FRM-00HM1	Metal - Painted Door Panel - EXT	2"	7.0	



TYPE A
3/8" = 1'-0"



TYPE B
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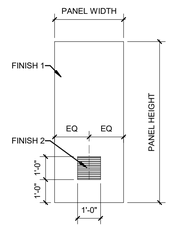
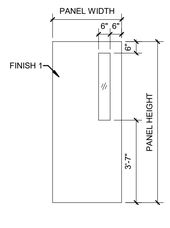
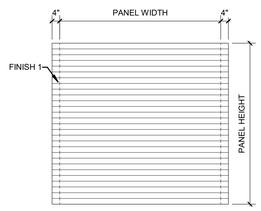


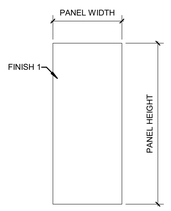
PNL-L-HM
3/8" = 1'-0"



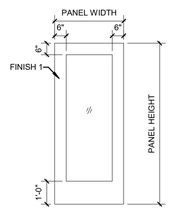
PNL-N-HM
3/8" = 1'-0"



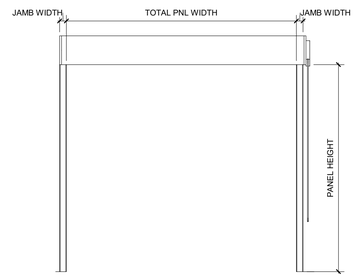
PNL-F1-STL
3/8" = 1'-0"



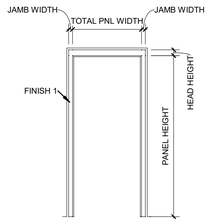
PNL-F-HM
3/8" = 1'-0"



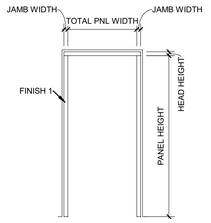
PNL-FG-HM
3/8" = 1'-0"



FRM-60STL
3/8" = 1'-0"



FRM-00HM1
3/8" = 1'-0"



FRM-00HM2
3/8" = 1'-0"

GENERAL NOTES

A. WHEN LOCATING DOOR FRAMES WITHIN A WALL, THE FRAME SHALL BE LOCATED SO THAT THERE IS 18" MIN. CLEAR SPACE LOCATED ON THE LATCH SIDE ON A FRONT APPROACH PULL SIDE. THERE SHALL BE 12" MIN. ON THE LATCH SIDE FOR A FRONT APPROACH PUSH SIDE WHEN BOTH A CLOSER AND LATCH ARE PROVIDED.
B. MATERIALS, FINISHES, AND INSTALLATION OF PRODUCTS REFERENCED IN THE SCHEDULE SHALL BE IN ACCORDANCE WITH REQUIREMENTS SPECIFIED IN THE RESPECTIVE PRODUCT SECTIONS.
C. REFER TO PARTITION TYPES AS INDICATED ON SHEET A-001 TO DETERMINE FRAME DEPTH.
D. GLAZING TYPE AT DOORS TO BE AS INDICATED ON SHEET A-610.
E. ALL GLAZING IN AND ADJACENT TO DOORS SHALL COMPLY WITH SAFETY GLASS REQUIREMENTS PER 2021 SC BUILDING CODE, CHAPTER 24, SECTION 2406.
F. ELECTRIFIED HARDWARE: COORDINATE ELECTRICAL REQUIREMENTS WITH DIVISION 26.
G. ALARMS AND DOOR MONITORING: COORDINATE WITH DIVISION 28.
H. OPENING SIZES INDICATED REFER TO DOOR OPENING DIMENSIONS INSIDE OF FRAME.
I. ALL SMOKE CONTROL DOORS SHALL MEET THE REQUIREMENTS OF 2021 SC BUILDING CODE, CHAPTER 7, SECTION 715 AND BE 'S' LABELED PER SECTION 715.4.5.3. DOOR INSTALLATION TO BE IN ACCORDANCE WITH NFPA 105.
J. CONTRACTOR SHALL LEAVE ALL LABELS ON GLASS UNTIL COMPLETION OF OSF INSPECTIONS.
K. FOR TYPICAL INTERNAL DOOR SILL DETAILS, REFER TO FLOOR TRANSITION DETAILS.

DOOR/FRAME MATERIAL LEGEND

AL	ALUMINUM
HM	HOLLOW METAL
SS	STAINLESS STEEL

DOOR/FRAME FINISH LEGEND

AA	ANODIZED ALUMINUM (FACTORY FINISHED)
PT	PAINTED
SS	STAINLESS STEEL

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

LS3P PROJECT: 1201-217190
DATE: 10/31/2025

DOOR & WINDOW SCHEDULES

A-601

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/Athletic Fieldhouse_Hampton County HS_v2022.rvt
11/19/2025 1:15:48 PM

ROOM FINISH LEGEND

MATERIAL CODE	DESCRIPTION	MANUFACTURER	STYLE / PATTERN	COLOR/ FINISH	SIZE	INSTALLATION FORMAT / COMMENTS
DIVISION 3 CONCRETE						
CS-1	CONCRETE SEALER	SEE SPECIFICATIONS		CLEAR FINISH		REFER TO SPECS.
DIVISION 6 WOOD AND PLASTICS						
PLM-1	PLASTIC LAMINATE, COUNTER TOP	FORMICA		6314-AN NEO CLOUD INFINITY FINISH		REFER TO SPECS.
PLM-2	PLASTIC LAMINATE, VERTICAL SURFACES (UPPER & LOWER CABINETS)	EGGER		HONEY CARINI WALNUT H3790 ST12		REFER TO SPECS.
SS-3	SOLID SURFACE; COUNTERTOPS	CORIAN		CARRARA LINO		
DIVISION 9 FINISHES - CEILINGS						
ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG	SCHOOL ZONE	WHITE	2'x2'	REFER TO SPECS.
ACT-2	ACOUSTICAL CEILING TILE	ARMSTRONG	GEORGIAN WITH HUMIGUARD PLUS	WHITE	2'X2'	REFER TO SPECS.
ACT-3	ACOUSTICAL CEILING TILE	PROVIDED BY PREENGINEERED BUILDING SUPPLIERS FOR PRESSBOXES			2'X4'	
AXT-1	ACOUSTICAL CEILING TRIM	ARMSTRONG	AXIOM CLASSIC	TRIM COLOR: WHITE	6"	LOCATED AT ACT-1 CLOUDS IN WEIGHT ROOM; ADD ALT #1
GYP-1	GYPSUM CEILING	SHERWIN WILLIAMS		SW-7757 HIGH REFLECTIVE WHITE		
GYP-2	GYPSUM CEILING	SHERWIN WILLIAMS		SW-7757 HIGH REFLECTIVE WHITE		MOLD RESISTANT
DIVISION 9 FINISHES - FLOORS						
GTF-1	GROUT PORCELAIN TILE FLOORING (RESTROOM & SHOWER/LOCKER ROOM)	LATICRETE		TBD	1/4"	
PTF-2	PORCELAIN TILE FLOORING (LOCKER ROOMS)	DALTILE	KEYSTONES	DESERT GRAY SPECKLE D200	2"x2"	STACKED BOND PATTERN
PTF-3	PORCELAIN TILE FLOORING (LOCKER ROOMS)	DALTILE	KEYSTONES	WATRERFALL D169	2"x2"	STACKED BOND PATTERN
QTF-1	QUARRY TILE	DALTILE	SURETREAD AND PAVERS WITH QUARRY GUARD	STORM GRAY WITH TEXTURED TREAD SURFACE	6"x6"x3/8"	STACKED BOND PATTERN
RAF-1	RESILIENT ATHLETIC FLOORING	ECORE ATHLETIC	PERFORMANCE MOTIVATE RUBBERX RESILIENT ATHLETIC FLOOR	BUFF BLUE 20 ES45	48" WIDE ROLL	
RAF-2	RESILIENT ATHLETIC FLOORING	ECORE ATHLETIC	PERFORMANCE MOTIVATE RUBBERX RESILIENT ATHLETIC FLOOR	GRIPPIN GRAY 20 ES46	48" WIDE ROLL	
VCT-1	VINYL FLOORING	ARMSTRONG	STANDARD	52518 CIRQUE WHITE	12"X12"	
VCT-2	VINYL FLOORING	ARMSTRONG	STANDARD	51903 BLUE GRAY	12"X12"	
VCT-3	VINYL FLOORING	ARMSTRONG	STANDARD	51820 MARINA BLUE	12"X12"	
VCT-4	VINYL FLOORING	ARMSTRONG	STANDARD	57508 BLUE DREAMS	12"X12"	
DIVISION 9 FINISHES - WALL BASE						
PTB-2	PORCELAIN TILE "BUILD-UP BASE"	DALTILE	DALTILE "BUILD-UP BASE" MB-5B (1) ROW S-886 (1) ROW 2x2 (1) ROW C-833 KEYSTONES	DESERT GRAY SPECKLE D200	2"x2"	PROVIDE PTB-2 AT PTF-2 LOCATIONS
PTB-3	PORCELAIN TILE "BUILD-UP BASE"	DALTILE	DALTILE "BUILD-UP BASE" MB-5B (1) ROW S-886 (1) ROW 2x2 (1) ROW C-833 KEYSTONES	WATRERFALL D169	2"x2"	PROVIDE PTB-3 AT PTF-3 LOCATIONS
QTB-1	QUARRY TILE COVE BASE	DALTILE	SURETREAD AND PAVERS WITH QUARRY GUARD	STORM GRAY	6"x6"	
RBS-1	RUBBER BASE COVE	JOHNSONITE		20 CHARCOAL	4" COVE	
DIVISION 9 FINISHES - WALLS						
CTW-1	CERAMIC WALL TILE (RESTROOMS)	DALTILE	COLOR WHEEL LINEAR	DESERT GRAY X114	4"x12"	VERTICAL STACK
CTW-3	CERAMIC WALL TILE (RESTROOMS)	DALITLE	COLOR WHEEL LINEAR	SEA BREEZE 1174	4"x12"	VERTICAL STACK
FRP-1	FIBERGLASS REINFORCED PLASTIC WALL PANEL	CRANE COMPOSITES	VARIETEX	SHELTER COVE 1281/SATIN LINEN TEXTURE	4' WIDE x 8' HIGH	
FRP-2	FIBERGLASS REINFORCED PLASTIC WALL PANEL	CRANE COMPOSITES	VARIETEX	SHELTER COVE 1281/SATIN LINEN TEXTURE	4' WIDE x 10' HIGH	
PNT-1	PAINT; OVERALL	SHERWIN WILLIAMS		SW-7004 SNOWBOUND		EGGSHELL FINISH AT WALLS, FLAT FINISH AT CEILINGS. REFER TO SPECIFICATIONS; EPOXY FINISH IN ALL WET ROOMS
PNT-4	PAINT	SHERWIN WILLIAMS		SW-6967 REGALE BLUE (TO MATCH SCHOOL COLOR)		SCHOOL COLOR PROVIDED BY OWNER; EGGSHELL FINISH. REFER TO SPECIFICATIONS; EPOXY FINISH IN ALL WET ROOMS
PNT-11	PAINT	SHERWIN WILLIAMS		SW-6959 BLUE CHIP (TO MATCH SCHOOL COLOR)		SCHOOL COLOR PROVIDED BY OWNER; EGGSHELL FINISH. REFER TO SPECIFICATIONS; EPOXY FINISH IN ALL WET ROOMS
PNT-13	PAINT	SHERWIN WILLIAMS		SW-6528 TRICORN BLACK		EGGSHELL FINISH. REFER TO SPECIFICATIONS; EPOXY FINISH IN ALL WET ROOMS
PTW-1	PORCELAIN WALL TILE (SHOWERS)	DALTILE	KEYSTONES	WATRERFALL D169	2"x2"	STACKED BOND PATTERN
TRIM-1	CERAMIC WALL TRIM	DALTILE	COLOR WHEEL LINEAR, BULLNOSE	DESERT GRAY X114	4 1/4"X 12 7/8"	PROVIDE AT EXPOSED EDGES OF CTW-1
TRIM-2	CERAMIC WALL TRIM	DALITLE	COLOR WHEEL LINEAR, BULLNOSE	SUEDE GRAY 0182	4 1/4"X 12 7/8"	PROVIDE AT EXPOSED EDGES OF CTW-2
TRIM-3	CERAMIC WALL TRIM	DALITLE	COLOR WHEEL LINEAR, BULLNOSE	SEA BREEZE 1174	4 1/4"X 12 7/8"	PROVIDE AT EXPOSED EDGES OF CTW-3
DIVISION 10 SPECIALTIES						
LKM-1	METAL LOCKERS	PENCO		TBD		REFER TO SPECS.
MR-2	MIRROR				4'X5'	WEIGHT ROOM
TPT-1	TOILET PARTITION	ASI GLOBAL	HDPE	9200 GRAY		REFER TO SPECS.
WP44	WALL PANEL, ACOUSTICS	ARMSTRONG	TECTUM DIRECT-ATTACH WALL PANELS/C-20 MOUNT	CUSTOM COLOR	4'X4'	REFER TO DRAWINGS FOR LOCATION & INTENT; REFER TO SPECIFICATIONS
MARKERBOARDS AND TACK BOARDS						
MB-6	MARKERBOARDS	CLARIDGE	SERIES 3 BOARDS	WHITE	4'X6'	REFER TO DRAWINGS FOR LOCATION & INTENT; REFER TO SPECIFICATIONS

ARCH- ROOM FINISHES - BASE BID

NUMBER	NAME	FINISH FLOOR	FINISH BASE	FINISH WALL	FINISH CEILING	NOTES
GROUND FLOOR LEVEL						
100	OFFICE	VCT-1	RBS-1	PNT-1, PNT-4	ACT-1	
101	LAUNDRY	VCT-1	RBS-1	PNT-1	ACT-1	
102	TLT	PTF-2	PTB-2	PNT-1, CTW-3, CTW-1	GYP-1	
103	OFFICE	VCT-1	RBS-1	PNT-1,PNT-4	ACT-1	
104	FAMILY TOILET	PTF-2		PNT-1, CTW-3	GYP-2	
105	HC TOILET	PTF-2	PTB-2	PNT-1, CTW-3	GYP-1	
106	ELEC	CS-1	RBS-1	PNT-1	GYP-1	
106B	ELEC - LS	CS-1	RBS-1	PNT-1	GYP-1	
107	TRAINING OFFICE	VCT-1, VCT-3, VCT-4	RBS-1	PNT-1, PNT-4	ACT-1	
108	MEN'S	PTF-2	PTB-2	PNT-1, CTW-3	GYP-2	
109	WOMEN'S	PTF-2	PTB-2	PNT-1, CTW-3	GYP-2	
110	EQUIPMENT ROOM	VCT-1	RBS-1	PNT-1	GYP-1	
111	FEMALE LOCKER ROOM	PTF-2	PTB-2	PNT-1, PNT-4	GYP-2	
112	FEMALE SHOWER	PTF-2	PTB-2	PNT-1, CTW-1	GYP-2	
113	FEMALE TOILET	PTF-2, PTF-3	PTB-2, PTB-3	PNT-1, CTW-1	GYP-2	
114	JANITOR	CS-1	RBS-1	PNT-1	GYP-2	
115	CLASSROOM / FILM ROOM	VCT-1, VCT-3, VCT-4	RBS-1	PNT-1, PNT-4	ACT-1	
116	JUNIOR VARSITY MALE LOCKER ROOM	PTF-2, PTF-3	PTB-2, PTB-3	PNT-1, PNT-4	GYP-2	
117	MALE TOILET	PTF-2, PTF-3	PTB-2, PTB-3	PNT-1, CTW-1	GYP-2	
118	MALE SHOWER	PTF-2	PTB-2	PNT-1, CTW-1	GYP-2	
119	COACHES CHANGING	VCT-1	RBS-1	PNT-1	ACT-1	
120	REFEREE ROOM	VCT-1	RBS-1	PNT-1, PNT-4	ACT-1	
121	SERVICE	CS-1	RBS-1	PNT-1	GYP-2	
122	MALE SHOWER	PTF-2	PTB-2	PNT-1, CTW-1	GYP-2	
123	MALE TOILET	PTF-2, PTF-3	PTB-2, PTB-3	PNT-1, CTW-1	GYP-2	
124	VARSITY MALE LOCKER ROOM	PTF-2, PTF-3	PTB-2, PTB-3	PNT-1	GYP-2	
125	CORRIDOR	VCT-1, VCT-3	RBS-1	PNT-1	ACT-1	
126	CONCESSIONS	QTF-1	QTB-1	FRP-2	ACT-2	
126B	STORAGE	VCT-1	RBS-1	PNT-1	ACT-2	
401	STORAGE	CS-1	-	METAL LINER PANEL FROM MANUF.	-	
402	STORAGE	CS-1	-	METAL LINER PANEL FROM MANUF.	-	
403	TRACK STORAGE	CS-1	-	PNT-1, FRP-1, METAL LINER PANEL FROM MANUF.	-	
404	W TLT	CS-1	RBS-1	PNT-1, FRP-1		
405	M TLT	CS-1	RBS-1	PNT-1, FRP-1		
500	HOME DUGOUT (BASEBALL)	-	-	PNT-1	-	
501	STORAGE	-	-	PNT-1	-	
504	VISITOR (BASEBALL)	-	-	PNT-1	-	
510	HOME (SOFTBALL)	-	-	PNT-1	-	
511	SOFTBALL STORAGE	-	-	PNT-1	-	
514	VISITOR (SOFTBALL)	-	-	PNT-1	-	

ARCH- ROOM FINISHES - ADD ALT. 1 WEIGHT ROOM

NUMBER	NAME	FINISH FLOOR	FINISH BASE	FINISH WALL	FINISH CEILING	NOTES
GROUND FLOOR LEVEL						
130	WEIGHT ROOM	RAF-1, RAF-2	RBS-1	PNT-1, PNT-4	ACT-1	

ARCH- ROOM FINISHES - ADD ALT. 2 B & S ACCESSORY STRUCT.

NUMBER	NAME	FINISH FLOOR	FINISH BASE	FINISH WALL	FINISH CEILING	NOTES
GROUND FLOOR LEVEL						
502	STORAGE	CS-1	RBS-1	PNT-1	-	
510	STORAGE	CS-1	RBS-1	PNT-1	-	
601	STORAGE	CS-1		METAL LINER PANEL FROM MANUF.		
602	STORAGE	CS-1		METAL LINER PANEL FROM MANUF.		
603	STORAGE	CS-1		METAL LINER PANEL FROM MANUF.		
PRESSBOX 2ND FLOOR LEVEL						
503	BASEBALL PRESSBOX	VCT-1	RBS-1	PNT-1	ACT-3	
511	SOFTBALL PRESSBOX	VCT-1	RBS-1	PNT-1	ACT-3	

ARCH- ROOM FINISHES - ADD ALT. 6 STADIUM & CONCESSIONS

NUMBER	NAME	FINISH FLOOR	FINISH BASE	FINISH WALL	FINISH CEILING	NOTES
GROUND FLOOR LEVEL						
200	CONCESSIONS	QTF-1	QTB-1	FRP-2	ACT-2	
201	STORAGE	CS-1	RBS-1	PNT-1	GYP-1	
202	ELECTRICAL	CS-1	RBS-1	PNT-1	GYP-1	
203	JANITOR	VCT-1	RBS-1	PNT-1	ACT-2	
204	STORAGE	VCT-1	RBS-1	PNT-1	ACT-2	
205	FAMILY TLT	PTF-2	PTB-2	PNT-1, CTW-3	GYP-1	
206	MEN'S	PTF-2, PTF-3	PTB-2, PTB-3	PNT-1, CTW-3	GYP-1	
207	WOMEN'S	PTF-2, PTF-3	PTB-2, PTB-3	PNT-1, CTW-3	GYP-1	
PB FLOOR LEVEL						
700	HOME COACHES / FILM	VCT-1	RBS-1	PNT-1	ACT-3	
701	ANNOUNCERS	VCT-1	RBS-1	PNT-1	ACT-3	
702	AWAY COACHES / FILM	VCT-1	RBS-1	PNT-1	ACT-3	

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

LS3P PROJECT: 1201-217190

DATE: 10/31/2025

FINISH LEGEND AND SCHEDULE

A-700

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/Athletic Fieldhouse_Hampton County HS_v2022.rvt
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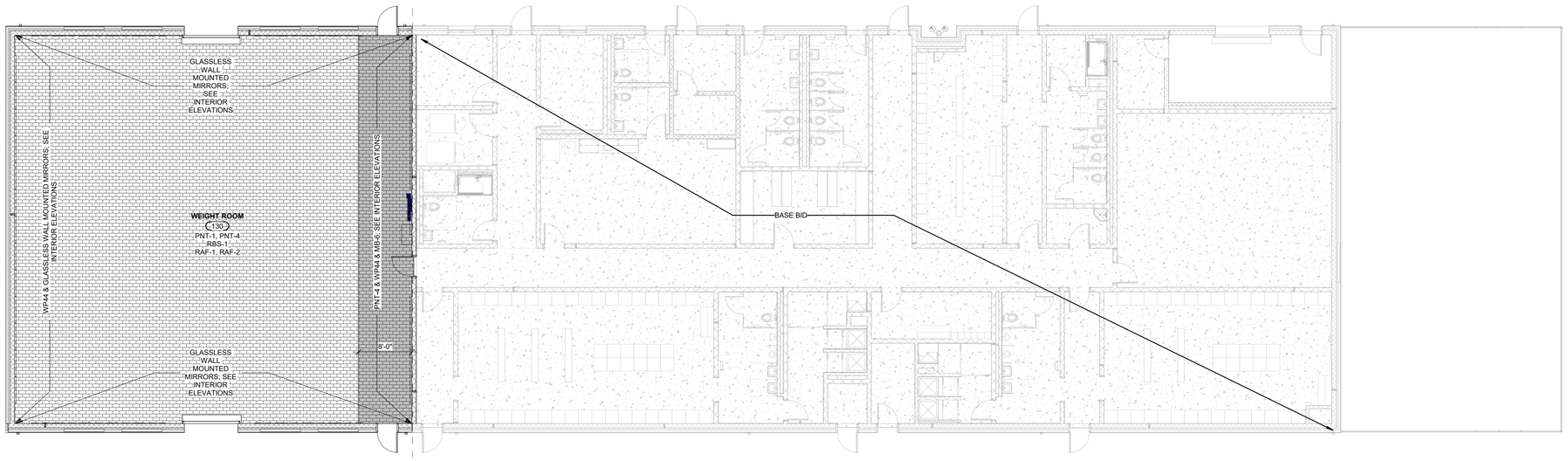
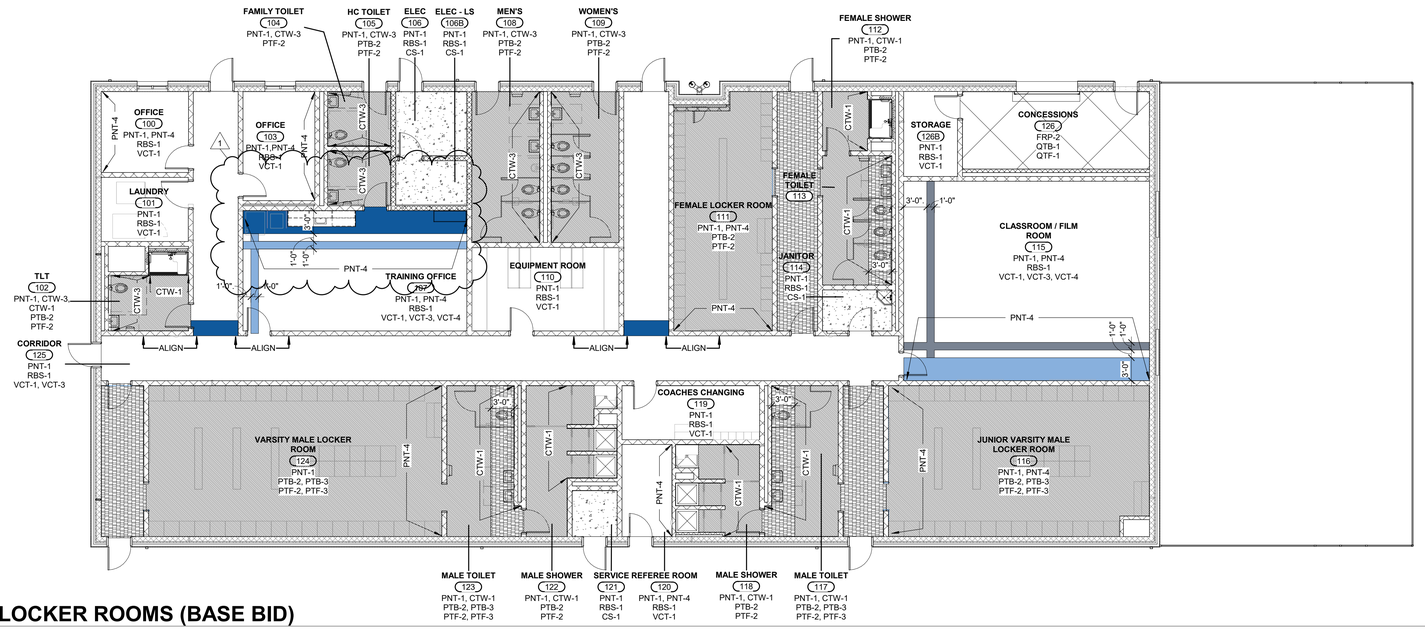


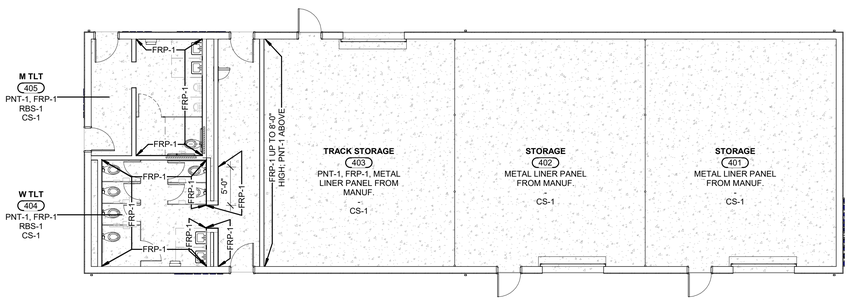
D1 FINISH PLAN - FIELDHOUSE WEIGHT ROOM (ADD ALTERNATE 1)

1/8" = 1'-0"



B1 FINISH PLAN - FIELDHOUSE LOCKER ROOMS (BASE BID)

1/8" = 1'-0"



A1 FLOOR PLAN - RESTROOM & STORAGE BUILDING

1/8" = 1'-0"

FINISH FLOOR PLAN SHEET NOTES

1. REFER TO A-700 FINISH LEGEND AND SPECIFICATIONS
2. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.

ROOM FINISH TAG LEGEND

ROOM NAME → ROOM NAME
(201) → ROOM NUMBER
WALL MATERIAL CODE
BASE MATERIAL CODE
FLOOR MATERIAL CODE
ROOM FINISH NOTES

PNT-2
ACCENT FINISH

MATERIAL CODE LEGEND

ACC	ACOUSTICAL CEILING CANOPIES	QTF	QUARRY TILE FLOORING
ACT	ACOUSTICAL CEILING TILE	RAF	RESILIENT ATHLETIC FLOORING
AWP	SOUND ABSORBING WALL PANEL	RBC	RUBBER BASE COVE
AXT	ACOUSTICAL CEILING TRIM	RBS	RUBBER BASE STRAIGHT
CCS	COLORED CONCRETE STAIN	RBT	RUBBER TILE
CON	CONCRETE	RSA	RESILIENT STAIR ACCESSORY
CPT	CARPET	RTF	RESILIENT TILE FLOORING
CS	CONCRETE SEALER	SCN	SEALED CONCRETE
EPX	EPOXY PAINT	SDT	STATIC DISSIPATIVE TILE
ERC	EPOXY RESIN COUNTERTOPS	SHV	SHEET VINYL
FWP	FABRIC WRAPPED PANEL	SS	SOLID SURFACE
GRB	GROUT RESILIENT TILE BASE	SPF	SPORTS FLOORING
GRF	GROUT RESILIENT TILE FLOORING	STC	STAMPED CONCRETE
GTB	GROUT PORCELAIN TILE BASE	STF	PERFORMANCE STAGE FLOORING
GTF	GROUT PORCELAIN TILE FLOOR	STN	STONE COUNTER
LVT	LUXURY VINYL TILE	TBD	TO BE DETERMINED
PLM	PLASTIC LAMINATE	TZB	TERRAZZO BASE
PNT	PAINT	TZZ	TERRAZZO FLOORING
PTB	PORCELAIN TILE BASE	VCT	VINYL COMPOSITION TILE
PTC	HIGH PERFORMANCE COATINGS	VPF	VINYL PLANK FLOORING
PTF	PORCELAIN TILE FLOORING	VWC	VINYL WALLCOVERING
PTW	PORCELAIN TILE WALL	WDB	WOOD BASE
PWB	PAINTED WALL BASE	WDF	WOOD FLOORING

ROOM FINISH PLAN GENERAL NOTES

A. PRIOR TO INSTALLATION AND FABRICATION, CONTRACTOR SHALL COORDINATE WITH ARCHITECT AND INTERIOR DESIGNER TO REVIEW ALL FLOOR PATTERNS, FINISHES AND DOCUMENTATION INFORMATION

B. PRIOR TO PAINTING, PAINTING CONTRACTOR SHALL SUBMIT TO ARCHITECT/INTERIOR DESIGNER EACH PAINT COLOR FINISH ON A 8 1/2" X 11" SHEET OF CHIPBOARD FOR PRELIMINARY APPROVAL. FOR FINAL APPROVAL BY OWNER AND ARCHITECT PRIOR TO PAINTING, THE PAINTING CONTRACTOR SHALL PAINT EACH PAINT COLOR WITH THE DESIGNATED FINISH ON A 4' X 4' PIECE OF GYPSUM BOARD. SAMPLE BOARDS SHALL BE REVIEWED AND APPROVED AT THE JOB SITE WITH THE APPROPRIATE LIGHTING.

C. INSTALLERS OF EACH FINISH MATERIAL SHALL INSPECT BOTH THE SUBSTRATE AND CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED. INSTALLER SHALL NOT PROCEED UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED IN AN ACCEPTABLE MANNER TO ALL PARTIES AND MEET ALL MANUFACTURER'S REQUIREMENTS

D. ALL INTERIOR FINISHES SHALL COMPLY WITH SECTION 803 OF RESTRICTIONS OF COMBUSTIBLE MATERIALS OF THE INTERNATIONAL BUILDING CODE. ALL INTERIOR FINISHES SHALL BE CLASS B OR BETTER

E. THE INTENT IS TO PROVIDE A COMPLETE FINISHED INTERIOR WHETHER OR NOT SPECIFICALLY INDICATED. ITEMS SHALL BE FINISHED AND/OR PAINTED AS DIRECTED BY DESIGNER, WHETHER OR NOT SPECIFICALLY SCHEDULED OR INDICATED ON DRAWINGS

F. TILE SUBCONTRACTOR SHALL USE LATEX ADDITIVE IN SETTING BED PER MANUFACTURER'S RECOMMENDATIONS UNLESS OTHERWISE NOTED

G. INSTALL ALL VINYL COMPOSITION TILE IN THE SAME DIRECTION UNLESS OTHERWISE NOTED

H. CARPET INSTALLER SHALL SUBMIT SEAMING SHOP DRAWING FOR ALL AREAS SPECIFIED TO RECEIVE CARPET FLOORING PRIOR TO COMMENCEMENT OF WORK

I. PAINT ALL EXPOSED AND SEMI-EXPOSED WOOD BLOCKING AND METAL SUPPORTS TO MATCH ADJACENT SURFACES. COORDINATE WITH INTERIOR DESIGNER

J. PAINTED FINISH ON METAL SURFACES SHALL BE SMOOTH, CLEAR AND FREE OF ALL BRUSH MARKS

K. ADHESIVE FOR WALL COVERING SHALL BE STRIPPABLE, MILDEW RESISTANT AND NON-STAINING PER MANUFACTURER'S REQUIREMENTS

L. ALL WALL COVERING SHALL BE WRAPPED AT LEAST 2" AROUND OUTSIDE CORNERS. MATCH ALL PATTERN AT SEAMS

M. WHERE WOOD BASE IS SPECIFIED, CAULK AT TOP OF BASE AND WALL WITH COLORED CAULK TO MATCH WOOD STAIN

N. INSTALL TRANSITION STRIP AT THRESHOLD WHERE DIFFERING FLOORING MATERIALS ABUTT, UNLESS OTHERWISE NOTED. COORDINATE COLOR/FINISH WITH DESIGNER

O. PAINT METAL WALL-MOUNTED ACCESS DOORS, GRILLES, RETURN AIR GRILLES, COVER PLATES, FAN COIL UNITS, FIRE EQUIPMENT CABINETS, AND ELECTRICAL CABINETS TO MATCH ADJACENT SURFACE UNLESS OTHERWISE NOTED.

P. ALL FLOOR FINISH CHANGES SHALL OCCUR AT THE CENTER LINE OF CLOSED DOORS.

Q. FLOOR PATTERN TO CONTINUE UNDER ALL OPEN WOODWORK/ WORKSURFACES.

R. FLOORING CONTRACTOR SHALL MAKE ADJUSTMENTS TO ACCOMMODATE FOR ANY DIFFERENCES IN THE PILE HEIGHT OF THE CARPET.

S. PRIOR TO ORDERING, SUB-CONTRACTORS FOR FLOORING, PAINTING, AND MILLWORK SHALL SUBMIT TO ARCHITECT / INTERIOR DESIGNER AN 8" X 8" SAMPLE OF EACH MATERIAL SPECIFIED FOR FINAL APPROVAL.

T. IF ANY DISCREPANCIES OR OMISSIONS ARE NOTED IN THESE DRAWINGS, CONTACT INTERIOR DESIGNER OR ARCHITECT PRIOR TO ORDERING OR COMMENCING WORK.

U. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK LEAD TIMES ON FINISHES IN ORDER TO AVOID DELAYING WORK.

V. ALIGN GROUT JOINTS AT FLOOR, BASE, AND WALL TILE.

FLOORING MATERIAL LEGEND

FLOORING TYPE

- VCT-1
- VCT-2
- VCT-3
- VCT-4
- CS-1
- RAF-1
- RAF-2
- PTF-2
- PTF-3
- QTF-1

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No.	Description	Date
1	ADDENDUM #1	11/19/2025

LS3P PROJECT: 1201-217190
DATE: 10/31/2025

FINISH PLAN BASE BID & ADD ALT 1

A-701

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/Athletic Fieldhouse_Hampton County HS_v2022.rvt
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ARCH- MILLWORK- BASE AND FULL HEIGHT

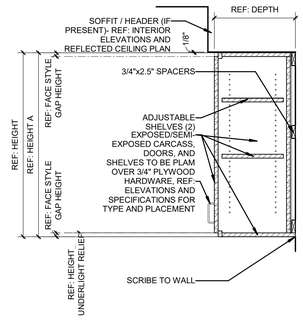
TAG	TYPE	DESCRIPTION	CABINET CARCASS			NOMINAL FEATURE HEIGHT						FACE STYLE GAP DIMS		TOE KICK		COMMENTS
			WIDTH	HEIGHT	DEPTH	A	B	C	D	E	F	G	HEIGHT	WIDTH	HEIGHT	DEPTH	
B22	33X32X24A	CABINET- BASE- 1 DRAWER, 2 DOOR	33"	32"	24"	6"	22"						0"	0"	4"	3"	
B22	36X32X24A	CABINET- BASE- 1 DRAWER, 2 DOOR	36"	32"	24"	6"	22"						0"	0"	4"	3"	
B24H	36X32X24HC	CABINET- BASE- FIXED PANEL, 2 DOOR (HC)	36"	32"	24"	4 1/2"	23 1/2"						0"	0"	4"	3"	
F12	51X90X18A	CABINET- FULL HEIGHT- 2 DOOR (2X)	51"	90"	18"	86"							0"	0"	4"	3"	

ARCH- MILLWORK- UPPER CABINETS

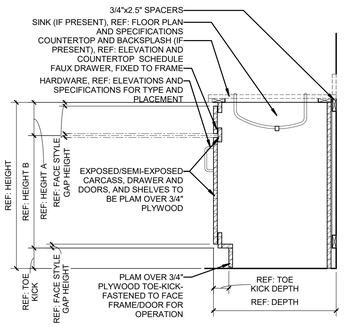
TAG	TYPE	DESCRIPTION	CABINET CARCASS			NOMINAL FEATURE HEIGHT			FACE STYLE GAP DIMS		UNDERLIGHT	COMMENTS
			WIDTH	HEIGHT	DEPTH	A	B	C	HEIGHT	WIDTH	T	
U12B	33X30x12B	CABINET- UPPER- 2 DOOR	33"	30"	12"	30"			0"	0"		
U12B	36X30x12B	CABINET- UPPER- 2 DOOR	36"	30"	12"	30"			0"	0"		

ARCH- MILLWORK- COUNTERTOPS

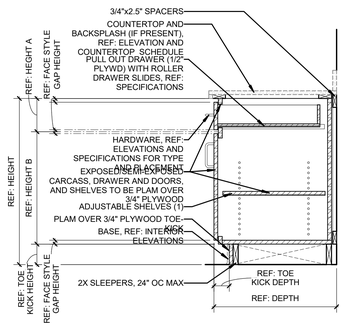
TAG	COUNTERTOP DEPTH			COUNTERTOP LENGTH			WORKSURFACE			ANGLED ENDS		BACK AND SIDE SPLASHES											
												BACKSPLASH 1		BACKSPLASH 2		BACKSPLASH 3		SIDE SPLASH 1		SIDE SPLASH 2		SIDESPLASH LEG 3	
	LEG 1	LEG 2	LEG 3	LEG 1	LEG 2	LEG 3	HEIGHT	MATERIAL	THICKNESS	END ANGLE 1	END ANGLE 2	SPLASH MATERIAL	PRESENT	HEIGHT IF PRESENT	PRESENT	HEIGHT IF PRESENT	PRESENT	HEIGHT IF PRESENT	PRESENT	HEIGHT IF PRESENT	PRESENT	HEIGHT IF PRESENT	PRESENT	HEIGHT IF PRESENT
	2'-1"			8'-10"			2'-6"	12-MILLWORK-SOLID SURFACE- "SS-3"	1 1/2"	0.000°	0.000°	12-MILLWORK-SOLID SURFACE- "SS-3"	Yes	4"					No	4"	No	4"		



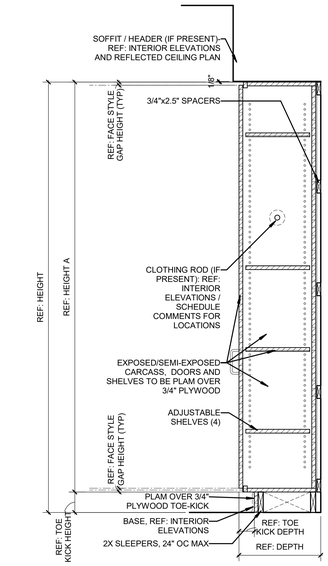
6 U11, U12
1" = 1'-0"



5 B24HC
1" = 1'-0"

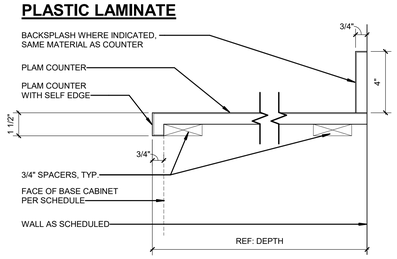


4 B21, B22, B23
1" = 1'-0"

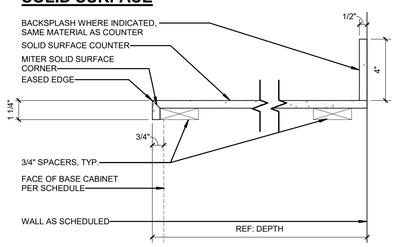


3 F11, 12
1" = 1'-0"

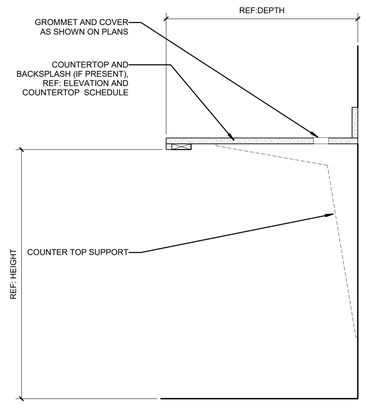
PLASTIC LAMINATE



SOLID SURFACE



1 MILLWORK- COUNTERTOP KEY
3" = 1'-0"



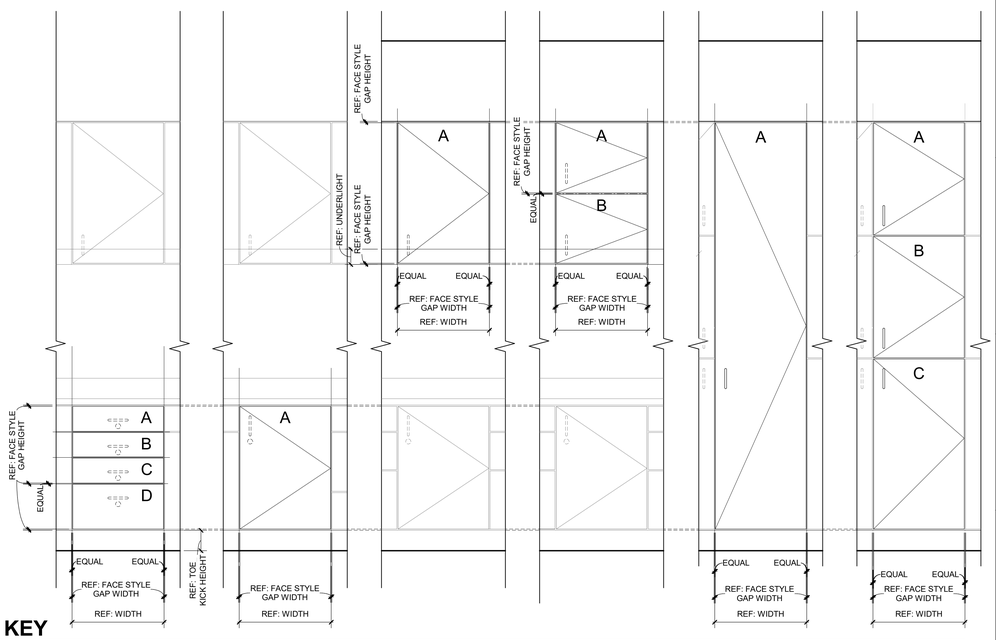
2 MILLWORK- COUNTER TOP - DESK
1 1/2" = 1'-0"

1. WHEN MULTIPLE FEATURES (LETTERS) ARE PRESENT, "A" IS TOP MOST FEATURE. FEATURES ARE LETTERED ALPHANUMERICALLY TOP TO BOTTOM, PER CABINET.

2. FACE STYLE GAP AND WIDTH DIMENSIONS SHOWN IN SCHEDULE AND ELEVATIONS ARE NOMINAL. GAP WIDTHS OF 0" DENOTE FLUSH OVERLAY INTERFACE STYLE (WITH AN ACTUAL APPROXIMATE 1/8" GAP). REFER TO SPECIFICATIONS REGARDING TYPE A/TYPE B CONSTRUCTION, AND/OR FLUSH INSET STYLE.

3. MODELED CABINETS AND MILLWORK DETAILS ARE PRESENTED TO CONVEY FEATURE TYPE, SIZE AND SPACING, CABINET SIZE AND SPACING, HARDWARE TYPES, SIZES, AND SPACING. TYPE B CONSTRUCTION WITH FLUSH/REVEAL OVERLAY INTERFACE IS SHOWN FOR REPRESENTATION OF SCHEDULED DIMENSIONS ONLY. REFER TO SPECIFICATIONS FOR MILLWORK CONSTUCTION TYPES.

4. REFER TO INTERIOR ELEVATIONS FOR MATERIAL TAGS INDICATING EXTERIOR FINISHES. REFER TO SPECIFICATIONS FOR INTERIOR FINISHES.



A3 MILLWORK- CABINET FEATURE KEY
1" = 1'-0"

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No.	Description	Date
1	ADDENDUM #1	11/19/2025

LS3P PROJECT: 1201-217190
DATE: 10/31/2025

MILLWORK TYPE SCHEDULE AND NOTES

A-781

CONSTRUCTION DOCUMENTS

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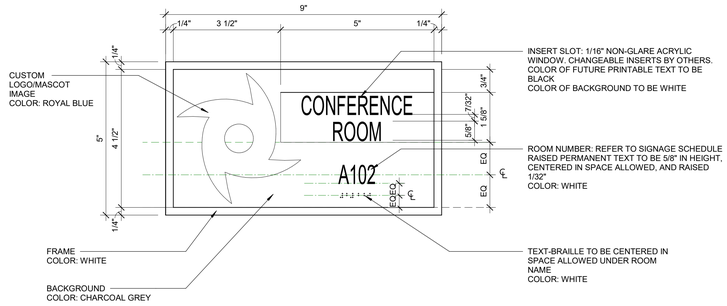
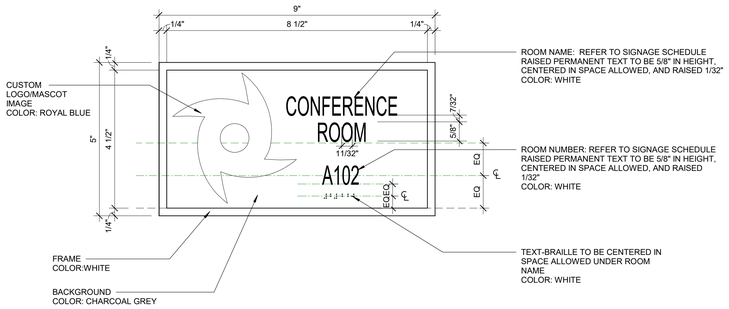


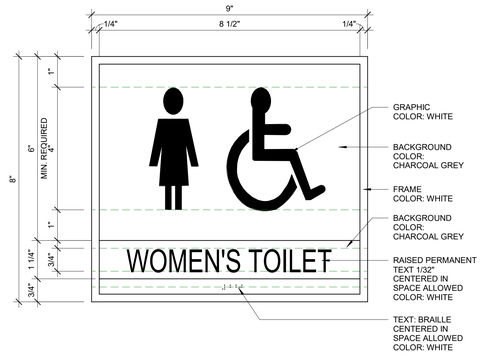
E1 SG-01 SIGNAGE - TYPE 1A
6" = 1'-0"



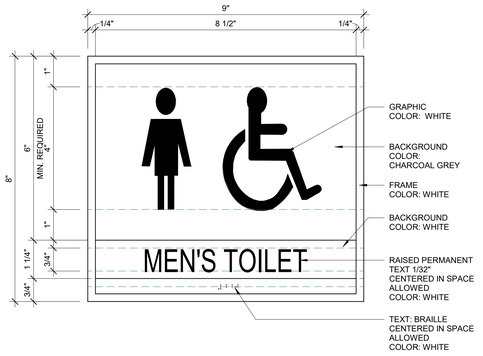
E3 SIGNAGE - TYPE 1B
6" = 1'-0"

GENERAL NOTES

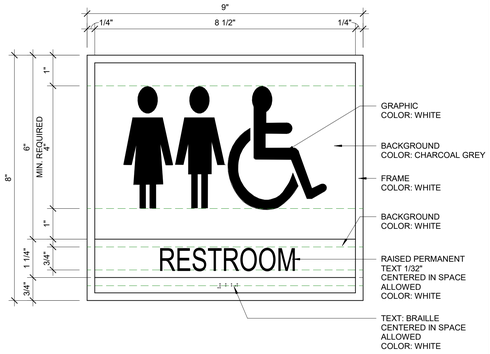
A. PROVIDE CONCEALED STUD MOUNTING WITH THREADED BOLT THROUGH TRUSS.
B. NOT USED.
C. OWNER TO APPROVE FINAL SIGNAGE SCHEDULE COPY, COLOR SELECTIONS AND FINAL LOCATIONS. ALL DESIGN, COLOR, AND COPY ELEMENTS TO BE APPROVED BY OWNER PRIOR TO ORDER ENTRY. ROOM NAMES AND NUMBERS LISTED IN THESE DOCUMENTS MAY DIFFER FROM FINAL NAMES AND NUMBERS.
D. ALL TEXT TO USE FONT STYLE AS CHOSEN BY THE OWNER, WITH ALL LETTERS CAPITALIZED. ALL SIGNAGE REQUIRED BY CODE MUST MEET REQUIREMENTS OF ANSI A117.1-2009.
E. INSTALL ALL INTERIOR SIGN TYPES NOT AT GLASS WITH 1/32" THICK FOAM TAPE. AT ALL GLASS LOCATIONS, PROVIDE A MATHCING BACK COVERPLATE FOR OPPOSING SIDE OF GLASS.
F. ALL SIGNS IDENTIFYING SAFETY DEVICES SUCH AS FIRE ALARM PULL STATIONS, FIRE EXTINGUISHERS, ETC., TO BE LOCATED AT A HEIGHT HORIZONTALLY ALONG THE SAME CENTERLINE OF THE DEVICE IT IS IDENTIFYING. LOCATE SAFTEY DEVICE SIGNS FOR ITEMS WITHIN A CABINET ON THE SIGN ADJACENT TO THE PULL/HANDLE, 2" FROM THE DEVICE'S EDGE. FOR SAFETY DEVICES NOT WITHIN A CABINET, LOCATE SIGNS 2" TO THE RIGHT OF DEVICES, AS SPACE ALLOWS, TO THE LEFT IN SPACE TO THE RIGHT AS OBSTRUCTED.
G. ALL SIGNS TO BE MOUNTED FOLLOWING ANSI A117.1-2009 GUIDELINES, PLACING EDGE OF SIGN 2" FROM FRAME AT DOOR/FRAMED OPENINGS, LATCH SIDE OF DOOR, OR 2" FROM EDGE OF OPENING IF NO FRAME IS USED, UNLESS NOTED OTHERWISE. LOCATE SIGN ON FACE OF WALL LEADING INTO SPACE WITH SIGN NAME, U.N.O.
H. PROVIDE A QUANTITY OF ONE PANEL SIGN AT EACH DOOR TO BE PROVIDED, LEADING INTO A SPACE (AS DIRECTED BY VARIOUS SIGN TYPES SHOWN). FINAL SIGNAGE TYPES AND LOCATIONS TO BE APPROVED BY OWNER.
I. NOT USED.
J. EVACUATION SIGNAGE TO BE LOCATED AS STIPULATED BY LOCAL CODES AND AS STIPULATED BY BUILDING'S DESIGN, WITH FINAL COPY AND GRAPHICS, AS GENERATED BY SIGNAGE COPY, PROVIDED TO OWNER FOR FINAL APPROVAL DURING SUBMITTAL PROCESS.
K. A SIGN STATING "EXIT" IN RAISED CHARACTERS AND BRAILLE AND COMPLYING WITH ICC ANSI A 117.1 SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN AREA OF REFUGE, AN EXTERIOR AREA FOR ASSISTED RESCUE, AN EXIT STAIRWAY, AN EXIT RAMP, AN EXIT PASSAGEWAY AND THE EXIT DISCHARGE.



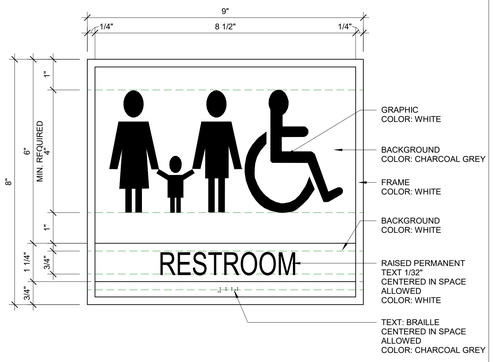
C1 SIGNAGE - TYPE 2A
6" = 1'-0"



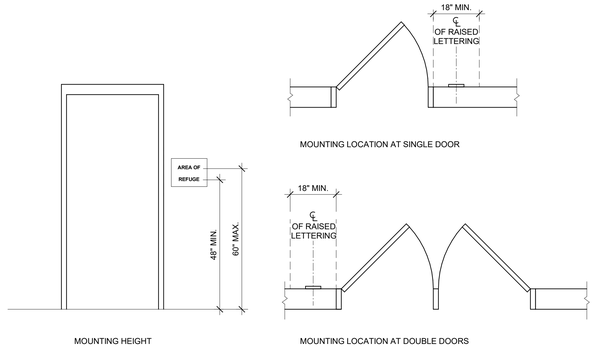
C2 SIGNAGE - TYPE 2B
6" = 1'-0"



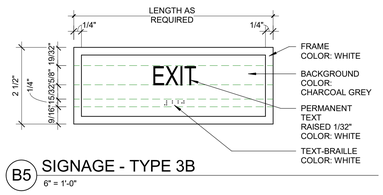
B1 SIGNAGE - TYPE 2C
6" = 1'-0"



B2 SIGNAGE - TYPE 2D
6" = 1'-0"



A4 TYPICAL SIGN MOUNTING LOCATIONS
1/2" = 1'-0"



B5 SIGNAGE - TYPE 3B
6" = 1'-0"

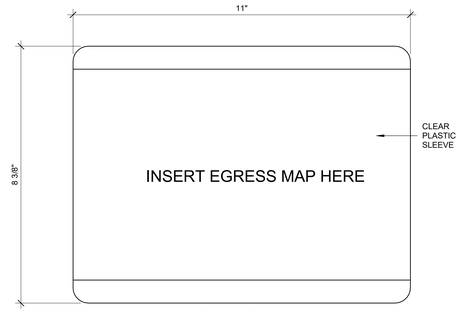
ARCH- ROOM SIGNAGE- BASE BID				
Level	Number	Name	Sign type	Comments
GROUND FLOOR LEVEL	100	OFFICE	1A	
GROUND FLOOR LEVEL	101	LAUNDRY	1B	
GROUND FLOOR LEVEL	102	TLT	2C	
GROUND FLOOR LEVEL	103	OFFICE	1A	
GROUND FLOOR LEVEL	104	FAMILY TOILET	2D	
GROUND FLOOR LEVEL	105	HC TOILET	2C	
GROUND FLOOR LEVEL	106	ELEC	1B	
GROUND FLOOR LEVEL	106B	ELEC - LS	1B	
GROUND FLOOR LEVEL	107	TRAINING OFFICE	1B	
GROUND FLOOR LEVEL	108	MEN'S	2B	
GROUND FLOOR LEVEL	109	WOMEN'S	2A	
GROUND FLOOR LEVEL	110	EQUIPMENT ROOM	1B	
GROUND FLOOR LEVEL	111	FEMALE LOCKER ROOM	1B, 1B	
GROUND FLOOR LEVEL	112	FEMALE SHOWER	1B	
GROUND FLOOR LEVEL	113	FEMALE TOILET	-	
GROUND FLOOR LEVEL	114	JANITOR	1B	
GROUND FLOOR LEVEL	115	CLASSROOM / FILM ROOM	1A	
GROUND FLOOR LEVEL	116	JUNIOR VARSITY MALE LOCKER ROOM	1B, 1B	
GROUND FLOOR LEVEL	117	MALE TOILET	-	
GROUND FLOOR LEVEL	118	MALE SHOWER	1B	
GROUND FLOOR LEVEL	119	COACHES CHANGING	1B	
GROUND FLOOR LEVEL	120	REFEREE ROOM	1B	
GROUND FLOOR LEVEL	121	SERVICE	1B	
GROUND FLOOR LEVEL	122	MALE SHOWER	1B	
GROUND FLOOR LEVEL	123	MALE TOILET	-	
GROUND FLOOR LEVEL	124	VARSITY MALE LOCKER ROOM	1B, 1B	
GROUND FLOOR LEVEL	125	CORRIDOR	3B, 3B, 3B	
GROUND FLOOR LEVEL	126	CONCESSIONS	1B	
GROUND FLOOR LEVEL	126B	STORAGE	1B	
GROUND FLOOR LEVEL	401	STORAGE	1B	
GROUND FLOOR LEVEL	402	STORAGE	1B	
GROUND FLOOR LEVEL	403	TRACK STORAGE	1B	
GROUND FLOOR LEVEL	404	W TLT	2A, 2A	
GROUND FLOOR LEVEL	405	M TLT	2B, 2B	
GROUND FLOOR LEVEL	500	HOME DUGOUT (BASEBALL)	-	
GROUND FLOOR LEVEL	501	STORAGE	1B, 1B	
GROUND FLOOR LEVEL	504	VISITOR (BASEBALL)	-	
GROUND FLOOR LEVEL	510	HOME (SOFTBALL)	-	
GROUND FLOOR LEVEL	511	SOFTBALL STORAGE	1B, 1B	
GROUND FLOOR LEVEL	514	VISITOR (SOFTBALL)	-	

ARCH- ROOM SIGNAGE- ADD ALT 1				
Level	Number	Name	Sign type	Comments
GROUND FLOOR LEVEL	130	WEIGHT ROOM	1B, 1B, 1B	

ARCH- ROOM SIGNAGE- ADD ALT 2				
Level	Number	Name	Sign type	Comments
GROUND FLOOR LEVEL	502	STORAGE	1B	
GROUND FLOOR LEVEL	510	STORAGE	1B	
GROUND FLOOR LEVEL	601	STORAGE	1B	
GROUND FLOOR LEVEL	602	STORAGE	1B	
GROUND FLOOR LEVEL	603	STORAGE	1B	
PRESSBOX 2ND FLOOR LEVEL	503	BASEBALL PRESSBOX	1B	
PRESSBOX 2ND FLOOR LEVEL	511	SOFTBALL PRESSBOX	1B	

ARCH- ROOM SIGNAGE- ADD ALT 5				
Level	Number	Name	Sign type	Comments
GROUND FLOOR LEVEL	300	GREEN HOUSE	1B, 1B	

ARCH- ROOM SIGNAGE- ADD ALT6				
Level	Number	Name	Sign type	Comments
GROUND FLOOR LEVEL	200	CONCESSIONS	1B	
GROUND FLOOR LEVEL	201	STORAGE	1B	
GROUND FLOOR LEVEL	202	ELECTRICAL	1B	
GROUND FLOOR LEVEL	203	JANITOR	1B	
GROUND FLOOR LEVEL	204	STORAGE	1B	
GROUND FLOOR LEVEL	205	FAMILY TLT	2D	
GROUND FLOOR LEVEL	206	MEN'S	2B	
GROUND FLOOR LEVEL	207	WOMEN'S	2A	
PB FLOOR LEVEL	700	HOME COACHES / FILM	1B	
PB FLOOR LEVEL	701	ANNOUNCERS	1B	
PB FLOOR LEVEL	702	AWAY COACHES / FILM	1B	



GENERAL NOTE = EGRESS MAP TO BE LOCATED IN ANY ROOM STUDENT MAY OCCUPY

B3 SIGNAGE - TYPE 4
6" = 1'-0"

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

LS3P PROJECT: 1201-217190
DATE: 10/31/2025

1

SIGNAGE ELEVATIONS & SCHEDULE

A-901

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/Athletic Fieldhouse_Hampton County HS_v2022.rvt
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PLUMBING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	CONNECTION SIZE				SPECIFICATION	REMARKS
		W	V	CW	HW		
P1	TOILET ELONGATED, WHITE VITREOUS CHINA, FLOOR MOUNTED (1.28 GPF) HARD WIRED SENSOR OPERATED FLUSH VALVE	4"	2"	1-1/4"	-	FIXTURE: AMERICAN STANDARD 2234.001 "MADERA" FLUSH VALVE: SLOAN 111-1.28 ESS TMO "OPTIMA" HARD WIRED SENSOR, WITH TRUE MECHANICAL OVERRIDE AND CHLORAMINE RESISTANT DIAPHRAGM SEAT: BEMIS 1955CT ANTI-MICROBIAL (WHITE)	15" RIM HEIGHT. COORDINATE SENSOR JUNCTION BOX LOCATIONS WITH E.C. SEE NOTE 5 & 6 BELOW
P1A	TOILET, A.D.A. COMPLIANT ELONGATED, WHITE VITREOUS CHINA, FLOOR MOUNTED (1.28 GPF) HARD WIRED SENSOR OPERATED FLUSH VALVE	4"	2"	1-1/4"	-	FIXTURE: AMERICAN STANDARD 3043.001 "MADERA 16.5 HIGH" FLUSH VALVE: SLOAN 111-1.28 ESS TMO "OPTIMA" HARD WIRED SENSOR, WITH TRUE MECHANICAL OVERRIDE AND CHLORAMINE RESISTANT DIAPHRAGM SEAT: BEMIS 1955CT ANTI-MICROBIAL (WHITE)	16.5" RIM HEIGHT. COORDINATE SENSOR JUNCTION BOX LOCATIONS WITH E.C. SEE NOTE 5 & 6 BELOW
P2	URINAL WHITE VITREOUS CHINA, CARRIER MOUNTED, (0.125 GPF) HARD WIRED SENSOR OPERATED FLUSH VALVE	2"	2"	3/4"	-	FIXTURE: AMERICAN STANDARD 6590.001 "WASHBROOK" FLUSH VALVE: SLOAN 186-0.128 ESS TMO "OPTIMA" HARD WIRED SENSOR, WITH TRUE MECHANICAL OVERRIDE AND CHLORAMINE RESISTANT DIAPHRAGM	COORDINATE SENSOR JUNCTION BOX LOCATIONS WITH E.C. SEE NOTE 1 & 6 BELOW
P2A	URINAL, A.D.A. COMPLIANT WHITE VITREOUS CHINA, CARRIER MOUNTED, (0.125 GPF) HARD WIRED SENSOR OPERATED FLUSH VALVE	2"	2"	3/4"	-	FIXTURE: AMERICAN STANDARD 6590.001 "WASHBROOK" FLUSH VALVE: SLOAN 186-0.128 ESS TMO "OPTIMA" HARD WIRED SENSOR, WITH TRUE MECHANICAL OVERRIDE AND CHLORAMINE RESISTANT DIAPHRAGM	COORDINATE SENSOR JUNCTION BOX LOCATIONS WITH E.C. SEE NOTE 1 & 6 BELOW
P3	LAVATORY, A.D.A. COMPLIANT, 20"x18" RECTANGULAR BOWL, WHITE ENAMELED CAST IRON, CARRIER MOUNTED, 4" CENTER FAUCET HOLES, METERING FAUCET WITH PUSH TOP HANDLES (0.5 GPM) VANDAL RESISTANT AERATOR	2"	1-1/2"	1/2"	1/2"	FIXTURE: AMERICAN STANDARD 4867.004 FAUCET: ZURN Z86500-XL GRID DRAIN: ZURN 8743; P-TRAP: ZURN Z-8701 (1-1/4"x1-1/2", 17 GA.) SUPPLIES/STOPS: ZURN 8806-XL-LR-LK	SEE NOTES 2 & 4 BELOW
P3S	LAVATORY, A.D.A. COMPLIANT, 20"x18" RECTANGULAR BOWL, WHITE ENAMELED CAST IRON, CARRIER MOUNTED, 4" CENTER FAUCET HOLES, SINGLE METERING FAUCET WITH PUSH TOP HANDLE (0.5 GPM) VANDAL RESISTANT AERATOR	2"	1-1/2"	1/2"	1/2"	FIXTURE: AMERICAN STANDARD 4867.004 FAUCET: ZURN Z86100-XL GRID DRAIN: ZURN 8743; P-TRAP: ZURN Z-8701 (1-1/4"x1-1/2", 17 GA.) SUPPLIES/STOPS: ZURN 8806-XL-LR-LK	SEE NOTES 2 & 4 BELOW
P4	WATER COOLER, A.D.A. COMPLIANT, STAINLESS STEEL FINISH, BI-LEVEL, DOUBLE BOWL, VANDAL RESISTANT, WALL MOUNTED, SENSOR OPERATED BOTTLE FILLER, FREEZE, INTEGRAL WATER FILTER	2"	1-1/2"	1/2"	-	FIXTURE: ELKAY LVRCGRNTLBWSK ELEC: 260 WATT, 120 VOLT, SINGLE PHASE P-TRAP: ZURN Z-870 (1-1/4"x1-1/2", 17 GA.) SUPPLY/STOP: ZURN 8806-XL-LR-LK	PROVIDE CANE APRON WHEN WATER COOLER IS LOCATED ON AN EXPOSED WALL. SEE NOTE 3 BELOW
P4E	OUTDOOR DRINKING FOUNTAIN & BOTTLE FILLER, A.D.A. COMPLIANT, STAINLESS STEEL FINISH, BI-LEVEL, DOUBLE BOWL, WALL MOUNTED, SENSOR OPERATED BOTTLE FILLER, FREEZE RESISTANT VALVE SYSTEM WITH INTERIOR ACCESS VALVE BOXES.	2"	1-1/2"	1/2"	-	FIXTURE: MURDOCK GYE27-FRA3 ELEC: 335 WATT, 120 VOLT, SINGLE PHASE P-TRAP: McGUIRE 8902C (1-1/4"x1-1/2", 17 GA.) SUPPLY/STOP: McGUIRE LF175LK	PROVIDE CANE APRON WHEN WATER COOLER IS LOCATED ON AN EXPOSED WALL. PROVIDE BLUE POWDER COATED FINISH.
P4S	OUTDOOR DRINKING FOUNTAIN & BOTTLE FILLER, A.D.A. COMPLIANT, STAINLESS STEEL FINISH, SINGLE BOWL, WALL MOUNTED, SENSOR OPERATED BOTTLE FILLER, FREEZE RESISTANT VALVE SYSTEM WITH INTERIOR ACCESS VALVE BOXES.	2"	1-1/2"	1/2"	-	FIXTURE: MURDOCK GYE17-FRA2 ELEC: 335 WATT, 120 VOLT, SINGLE PHASE P-TRAP: McGUIRE 8902C (1-1/4"x1-1/2", 17 GA.) SUPPLY/STOP: McGUIRE LF175LK	PROVIDE CANE APRON WHEN WATER COOLER IS LOCATED ON AN EXPOSED WALL. PROVIDE BLUE POWDER COATED FINISH.
P4FS	OUTDOOR DRINKING FOUNTAIN & BOTTLE FILLER, A.D.A. COMPLIANT, STAINLESS STEEL FINISH, TWO-LEVEL, DOUBLE BOWL, FREE STANDING, SENSOR OPERATED BOTTLE FILLER, UNDERGROUND FREEZE RESISTANT VALVE SYSTEM	2"	1-1/2"	1/2"	-	FIXTURE: ELKAY LK4430BFIUFRK WITH FREEZE RESISTANT VALVE SYSTEM AND DIRECT BURY KIT 97890C SUPPLY: 3/8" RIGID COPPER. STOP: 1/2" BALL VALVE. P-TRAP: 2" UNDERGROUND	INSTALL CW AND DRAIN PIPING UNDERGROUND PER MFG. INSTRUCTIONS. PROVIDE BLUE POWDER COATED FINISH.
P5A	SINK, A.D.A. COMPLIANT, 19"x19"x6" RECTANGULAR SINGLE BOWL, 18 GAUGE STAINLESS STEEL, COUNTER MOUNTED, SELF RIMMING, 8" GOOSENECK FAUCET WITH WRIST BLADE HANDLES (1.5 GPM) VANDAL RESISTANT AERATOR	2"	1-1/2"	1/2"	1/2"	FIXTURE: ELKAY LRAD1919 FAUCET: AMERICAN STANDARD 6530.170 BASKET STRAINER: ZURN Z-8740 P-TRAP: ZURN 8703 (1-1/2"x2", 17 GA.) SUPPLY/STOP: ZURN 8806-XL-LR-LK	PROVIDE SOLIDS TRAP FOR ALL ART ROOM SINKS EQUAL TO ZURN Z-1180 IN LIEU OF A P-TRAP SEE NOTE 4 BELOW
P6	MOP SINK, 24"x 24"x 12" TERRAZZO BASIN, 6" DROP FRONT WITH STAINLESS STEEL THRESHOLD CAP, 36" HIGH STAINLESS STEEL WALL GUARDS, SERVICE FAUCET, HOSE, MOP HANGER BRACKET.	3"	2"	1/2"	1/2"	FIXTURE: FIAT TSB100, 830AA, 832AA, (2) MSG3624 FAUCET: AMERICAN STANDARD 8344.012 WITH INTEGRAL VACUUM BREAKER, DRAIN: 3" STAINLESS STEEL SLOTTED P-TRAP: 3" DEEP SEAL, CAST IRON	PROVIDE CHECK VALVES ON HW AND CW SUPPLIES. PROVIDE P6EW EYEWASH ADJACENT TO MOP SINK.
P7	SHOWER, PRESSURE BALANCED SHOWER VALVE WITH 1.5 GPM WALL MOUNTED SHOWER HEAD	2"	2"	1/2"	1/2"	FIXTURE: TILED WALLS AND FLOOR BY G.C. SHOWER VALVE & HEAD : AMERICAN STANDARD 1662SG.211 PROVIDE FLOOR DRAIN 2" FD1 IN TILED FLOOR BASE	COORDINATE RIGHT OR LEFT HAND CONTROLS WITH ARCHITECTURAL PLANS AND ELEVATIONS
P7A	SHOWER, ADA COMPLIANT, PRESSURE BALANCED SHOWER VALVE WITH 1.5 GPM WALL MOUNTED SHOWER HEAD WITH HAND HELD SHOWER AND SLIDE BAR.	2"	2"	1/2"	1/2"	FIXTURE: TILED WALLS AND FLOOR BY G.C. SHOWER VALVE & HEAD : AMERICAN STANDARD 1662SG.211 PROVIDE FLOOR DRAIN 2" FD1 IN TILED FLOOR BASE	COORDINATE RIGHT OR LEFT HAND CONTROLS WITH ARCHITECTURAL PLANS AND ELEVATIONS
P7B	ROLL IN SHWR, ADA COMPLIANT, PRESSURE BALANCED SHOWER VALVE WITH 1.5 GPM WALL MOUNTED SHOWER HEAD WITH HAND HELD SHOWER AND SLIDE BAR.	2"	2"	1/2"	1/2"	FIXTURE: TILED WALLS AND FLOOR BY G.C. SHOWER VALVE: BRADLEY S59-1005, SHOWER HEAD: BRADELY S24-210 DIVERTER VALVE: BRADLEY DV, HAND HELD SHOWER / SLIDEBAR: BRADLEY B24 PROVIDE FLOOR DRAIN 2" FD1 IN TILED FLOOR BASE	COORDINATE RIGHT OR LEFT HAND CONTROLS WITH ARCHITECTURAL PLANS AND ELEVATIONS

NOTES:
1. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT. PROVIDE A FLOOR MOUNTED PLATE STYLE CARRIER EQUAL TO ZURN Z1222-EZ (-SL) SERIES. WHEN CARRIER IS LOCATED BEHIND A BLOCK WALL, PROVIDE EXTENDED STUD LENGTHS TO COMPENSATE FOR THE BLOCK WALL THICKNESS.
2. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT. PROVIDE A FLOOR MOUNTED, ADJUSTABLE CONCEALED ARM CARRIER EQUAL TO ZURN Z1231-EZ (-SL) SERIES. WHEN CARRIER IS LOCATED BEHIND BLOCK WALL, PROVIDE EXTENDED CONCEALED ARM SLEEVES TO COMPENSATE FOR THE BLOCK WALL THICKNESS.
3. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT. PROVIDE A FLOOR MOUNTED PLATE STYLE CARRIER EQUAL TO ZURN Z1225-EZ (-SL) SERIES. WHEN CARRIER IS LOCATED BEHIND A BLOCK WALL, PROVIDE EXTENDED STUD LENGTHS TO COMPENSATE FOR THE BLOCK WALL THICKNESS.
4. PROVIDE PRE-MANUFACTURED A.D.A. COMPLIANT INSULATION KIT FOR EXPOSED P'TRAP AND SUPPLY TRIM UNDER SINK.
5. PROVIDE HEAVY DUTY CAST IRON CLOSET FLANGE WITH COMPRESSION SEAL AND TEST CAP EQUAL TO ZURN CF2980-CI4. OFFSET FLANGES ARE NOT ACCEPTABLE.
6. PROVIDE SLOAN EL-154 TRANSFORMER (120V TO 24V) AND FINAL LOW VOLTAGE CONNECTIONS FROM TRANSFORMER TO FLUSHVALVE(S). WHERE GROUP RESTROOMS OCCUR PROVIDE A MINIMUM OF TWO TRANSFORMERS PER RESTROOM TO SERVE MULTIPLE FLUSHVALVES.

** MATCH PIPE SIZE SHOWN ON PLANS, SEE PLANS.

APPROVED EQUALS:	PRODUCT TYPE:	ACCEPTED MANUFACTURERS:
THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE MODEL WHICH MOST CLOSELY MATCHES THE SPECIFIED PRODUCT. PROVIDE PRODUCTS MADE BY THE MANUFACTURER'S LISTED.	VITREOUS CHINA FLUSH VALVES ENAMELED CAST IRON CARRIERS STAINLESS STEEL SINKS FAUCETS WATER COOLERS SUPPLIES, STOPS HOSE BIBBS UTILITY SINKS SHOWER VALVES	KOHLER, AMERICAN STANDARD, SLOAN SLOAN, ZURN, DELANEY KOHLER, AMERICAN STANDARD, ZURN ZURN, J.R. SMITH, WADE ELKAY, JUST, ADVANCE TABCO AMERICAN STANDARD, ZURN, CHICAGO ELKAY, HALSEY TAYLOR, HAWS ZURN, MCGUIRE, BRASSCRAFT ZURN, J.R. SMITH, WOODFORD FIAT, FLORESTONE, STERN WILLIAMS AMERICAN STANDARD, CHICAGO, SYMMONS

PLUMBING SPECIALTIES SCHEDULE

SYMBOL	DESCRIPTION	CONNECTION SIZE				SPECIFICATION	REMARKS
		W	V	CW	HW		
WB1	WASHING MACHINE CONNECTION BOX; 14"x 9"x 3.5", 20 GAUGE STEEL WITH WHITE POWDER COATING, RECESSED IN WALL	3"	2"	1/2"	1/2"	FIXTURE: GUY GRAY T200TPPVCHA WITH WATER HAMMER ARRESTOR STOPS: INTEGRAL 1/4 TURN SUPPLIES: (2) 5/8" BRAIDED S.S. FLEXIBLE HOSES	2" DRAIN OUTLET, 2" STANDPIPE WITH 2" P-TRAP. SEE B/P501
IDB1	INDIRECT DRAIN CONNECTION BOX; 14"x 9"x 3.5", 20 GAUGE STEEL WITH WHITE POWDER COATING, RECESSED IN WALL	2"	1-1/2"	-	-	FIXTURE: GUY GRAY T200LV WITH KNOCK-OUTS IN TOP OF BOX 2" DRAIN OUTLET WITH 2" DEEP SEAL P-TRAP	PROVIDE 2" TRAP GUARD EQUAL TO RECTORSEAL "SURE-SEAL". SEE 9/P501
IMB1	WATER CONNECTION BOX; 7"X 7"X 3.5", 20 GAUGE STEEL WITH WHITE POWDER COATING, RECESSED IN WALL	-	-	1/2"	-	FIXTURE: GUY GRAY MIB1AB STOP: QUARTER TURN WITH SHOCK ARRESTOR SUPPLY: 1/4" FLEXIBLE HOSE	PROVIDE INLINE DOUBLE CHECK VALVE WILKINS SERIES 700
CS-x	BALANCING VALVE, THERMOSTATIC, AUTOMATIC, SUFFIX INDICATES PIPE SIZE, SEE FLOOR PLANS	-	-	-	**	EQUIPMENT: CIRCUIT SOLVER CS SERIES, SIZES 1/2" THRU 2", NSF 61 CERTIFIED.	PROVIDE 105°F MODEL
SA-x	SHOCK ARRESTOR, SUFFIX INDICATES PDI SIZE	-	-	x	-	EQUIPMENT: SIOUX CHIEF 650 SERIES, SIZES 1/2" THRU 2", NSF 61 CERTIFIED.	SEE SHOCK ARRESTOR TABLE THIS SHEET
HB1	HOSE BIBB, INTERIOR, EXPOSED, STAINLESS STEEL FACE PLATE, ANTI-SIPHON	-	-	1/2"	-	EQUIPMENT: ZURN Z1333-C-34EL, PROVIDE VACUUM BREAKER AND METAL LOOSE KEY FOR EACH HOSE BIBB	MOUNT 18" AFF
HB2	HOSE BIBB, EXTERIOR, EXPOSED, STAINLESS STEEL FACE PLATE, FREEZELESS, ANTI-SIPHON	-	-	3/4"	-	EQUIPMENT: ZURN Z1310-34EL, PROVIDE VACUUM BREAKER AND METAL LOOSE KEY FOR EACH HOSE BIBB	MOUNT 18" AFF
HB3	HOSE BIBB, EXTERIOR, EXPOSED, STAINLESS STEEL FACE PLATE, FREEZELESS, ANTI-SIPHON, DUAL TEMPERATURE, RECESSED	-	-	3/4"	-	EQUIPMENT: WOODFORD HCB67 WITH TEMPERATURE CONTROL MIXING VALVE PROVIDE VACUUM BREAKER AND METAL LOOSE KEY	MOUNT 42" AFF
CO	PLUG CLEANOUT, CAST IRON BODY	**	-	-	-	CLEANOUT: ZURN Z-1440-BP, BRONZE PLUG, CLEANOUT SIZE SHALL MATCH PIPE SIZE	GAS / WATER TIGHT
WCO	WALL CLEANOUT, CAST IRON BODY, STAINLESS STEEL WALL PLATE	**	-	-	-	CLEANOUT: ZURN Z-1446-BP, BRONZE PLUG, CLEANOUT SIZE SHALL MATCH PIPE SIZE	GAS / WATER TIGHT
FCO	FLOOR CLEANOUT, CAST IRON BODY, NICKEL BRONZE TOP, ADJUSTABLE	**	-	-	-	CLEANOUT: ZURN ZN-1400-BP, BRONZE PLUG CLEANOUT SIZE SHALL MATCH PIPE SIZE	GAS / WATER TIGHT, INSTALL TOP FLUSH WITH FINISHED FLOOR
YCO	YARD CLEANOUT, CAST IRON BODY, NICKEL BRONZE TOP, ADJUSTABLE, INSTALLED IN 18"x18"x6" CONCRETE PAD	**	-	-	-	CLEANOUT: ZURN ZN-1400-BP, BRONZE PLUG INSTALL IN 18"x 18"x 6" DEEP CONCRETE PAD	GAS / WATER TIGHT, INSTALL TOP FLUSH WITH FINISHED GRADE
FD1	FLOOR DRAIN, CAST IRON BODY, ROUND NICKEL BRONZE GRATE, ADJUSTABLE	3"	2"	-	-	DRAIN: ZURN ZN-415-B, 5" DIAMETER GRATE P-TRAP: 3" DEEP SEAL.	INSTALL TOP FLUSH WITH FINISHED FLOOR. SEE NOTE 1 BELOW.
FD2	FLOOR DRAIN, CAST IRON BODY, ROUND NICKEL BRONZE GRATE, ADJUSTABLE	4"	2"	-	-	DRAIN: ZURN ZN-415-I, 9" DIAMETER RECESSED GRATE PROVIDE DEEP SEAL P-TRAP, MATCH PIPE SIZE ON PLANS	INSTALL TOP OF DRAIN LIP FLUSH WITH FINISHED FLOOR. SEE NOTE 1 BELOW.
FS1	FLOOR SINK, 12"x 12"x 6" DEEP, STAINLESS STEEL BODY AND GRATE	3"	2"	-	-	DRAIN: ZURN Z1750 P-TRAP: 3" CAST IRON, DEEP SEAL	SEE KITCHEN EQUIP. PLANS FOR GRATE (FULL / QUARTER / HALF)
TD1	TRENCH DRAIN, POLYETHYLENE BODY, HEAVY DUTY FRAME, BLACK ACID RESITANT EPOXY COATED DUCTILE GRATE - CLASS E	3"	2"	-	-	DRAIN: ZURN Z886-HD-BDE, 6" WIDE, SEE PLANS FOR LENGTH P-TRAP: 4" DEEP SEAL	INSTALL GRATE FLUSH WITH FINISHED FLOOR.

NOTES:
1. PROVIDE WATERLESS INLINE TRAP GUARD FOR EACH FLOOR DRAIN CONFORMING TO ASSE 1072 AND EQUAL TO RECOTORSEAL"SURE-SEAL" MODEL SS3009V. INSTALL TRAP GUARDS IN THE OUTLET OF THE FLOOR DRAIN BODY (NOT IN THE STRAINER).

** MATCH PIPE SIZE SHOWN ON PLANS, SEE PLANS.

APPROVED EQUALS:	PRODUCT TYPE:	ACCEPTED MANUFACTURERS:
THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE MODEL WHICH MOST CLOSELY MATCHES THE SPECIFIED PRODUCT. PROVIDE PRODUCTS MADE BY THE MANUFACTURER'S LISTED.	SHOCK ARRESTOR HOSE BIBBS DRAINS BACKFLOW PREVENTER	SIOUX CHIEF, PPP INC., ZURN, WATTS ZURN, WOODFORD, ZURN, J.R. SMITH ZURN, J.R. SMITH, WADE WILKINS, WATTS, APOLLO

DOMESTIC WATER PIPING

1. BELOW GRADE PIPING AND JOINTS: PROVIDE TYPE 'K' SOFT ANNEALED SEAMLESS COPPER TUBING (ASTM B 88) WITH NO JOINTS FOR PIPING 2-1/2" AND SMALLER. PROVIDE DUCTILE IRON PIPE AND FITTINGS (AWWA C151, AWWA C110) WITH RUBBER GASKET JOINTS AND RODS (AWWA C111) FOR PIPING 3" AND LARGER.
2. ABOVE GRADE PIPING AND JOINTS: PROVIDE TYPE 'L' HARD DRAWN SEAMLESS COPPER TUBING (ASTM B 88) AND CAST COPPER ALLOY FITTINGS (ASME B16.18). JOINTS 2" AND SMALLER SHALL BE LEAD FREE 95-5 TIN/SILVER SOLDER JOINTS (ASTM B 32). JOINTS 2-1/2" AND LARGER SHALL BE BCUP SILVER / PHOSPHORUS / COPPER BRAZED JOINTS (AWS A5.8). ALTERNATELY PROVIDE COPPER PIPE AND FITTINGS AS SPECIFIED ABOVE EXCEPT WITH GROOVED ENDS (ASTM B 88, ASME B16.18) AND JOINTS UTILIZING GROOVED MECHANICAL COUPLINGS MEETING (ASTM F1476).
3. INSULATE PIPING ABOVE GRADE (EXCEPT EXPOSED CONNECTIONS TO PLUMBING FIXTURES) WITH GLASS FIBER INSULATION HAVING A VAPOR BARRIER AND JACKET. PIPE INSULATION SHALL HAVE A CONDUCTIVITY NOT EXCEEDING 0.27 BTUH x SQ. FT., SEE LIST BELOW FOR INSULATION THICKNESS:
   - PROVIDE 1" THICK INSULATION FOR HW & HWR PIPING SIZES 1/2" THRU 3/4", R-VALUE R7.
   - PROVIDE 1-1/2" THICK INSULATION FOR HW & HWR PIPING SIZES 1" THRU 1 1/4", R-VALUE R12.5.
   - PROVIDE 1 1/2" THICK INSULATION FOR HW & HWR PIPING SIZES 1 1/2" THRU 4", R-VALUE R11.
   - PROVIDE 1" THICK INSULATION FOR CW PIPING SIZES 1/2" THRU 1 1/4", R-VALUE R6.5.
   - PROVIDE 1" THICK INSULATION FOR CW PIPING SIZES 1 1/2" THRU 4", R-VALUE R6.5.
4. PIPING INSULATION, JACKETS, COVERINGS, SEALERS, MASTICS AND ADHESIVES SHALL MEET A FLAME-SPREAD RATING OF 25 OR LESS AND A SMOKE-DEVELOPED RATING OF 50 OR LESS AS TESTED BY ASTM E84 (NFPA 255) METHOD AND SHALL BE PLENUM RATED. PROVIDE PVC INSULATION JACKET FOR EXPOSED PIPING IN MECHANICAL ROOMS. INSTALL INSULATION CONTINUOUSLY THRU FIRE RATED WALLS AND PIPE HANGERS. PROVIDE GALVANIZED STEEL SHIELD BETWEEN PIPE HANGER AND INSULATION.
5. PROVIDE A CHROME FINISH ON EXPOSED PIPING IN REST ROOMS AND OTHER FINISHED AREAS.
6. PROTECT COPPER PIPING AGAINST CONTACT WITH DISSIMILAR METALS. ALL HANGERS, SUPPORTS, ANCHORS AND CLIPS SHALL BE COPPER OR COPPER PLATED. WHERE COPPER PIPING IS CARRIED ON TRAPEZE HANGERS WITH OTHER PIPING, PROVIDE A PERMANENT ELECTROLYTIC ISOLATION MATERIAL TO PREVENT CONTACT WITH DISSIMILAR OTHER METALS.
7. PROTECT COPPER PIPING AGAINST CONTACT WITH MASONRY. WHERE COPPER IS SLEEVED THROUGH MASONRY, PROVIDE COPPER OR RED BRASS SLEEVES. WHERE COPPER MUST BE CONCEALED IN OR AGAINST MASONRY PARTITIONS, PROVIDE A HEAVY COATING OF ASPHALTIC ENAMEL ON THE COPPER PIPING AND 15# ASPHALT SATURATED FELT BETWEEN THE PIPING AND THE MASONRY PARTITION.
8. PERFORM A PRESSURE TEST ON ALL WATER PIPING. FILL PIPING WITH POTABLE WATER, CAP AND SUBJECT PIPING TO A STATIC WATER PRESSURE OF 50 PSIG ABOVE OPERATING PRESSURE, WITHOUT EXCEEDING PRESSURE RATING OF PIPING SYSTEM MATERIALS OR PRESSURIZE PIPING WITH AIR TO AT LEAST ONE-HUNDRED (100) PSI. ISOLATE TEST SOURCE AND ALLOW TO STAND FOR FOUR HOURS. LEAKS AND LOSS IN TEST PRESSURE CONSTITUTE DEFECTS THAT MUST BE REPAIRED. REPAIR LEAKS AND DEFECTS WITH NEW MATERIALS AND RETEST PIPING OR PORTION THEREOF UNTIL SATISFACTORY RESULTS ARE OBTAINED
9. STERILIZE THE DOMESTIC WATER SYSTEM IN PER THE AMERICAN WATER WORKS ASSOCIATION'S INSTRUCTIONSSPECIFICATIONS AND LOCAL HEALTH DEPARTMENT REGULATIONS.
10. SLOPE WATER PIPING FOR DRAINAGE WITH DRAIN VALVES INSTALLED AT LOW POINTS.
11. BALANCE THE DOMESTIC HOT WATER CIRCULATION SYSTEM TO THE PERFORMANCE SPECIFICATIONS INDICATED ON THE PLANS AND PROVIDE THE ENGINEER WITH THREE COPIES OF A COMPLETE TEST AND BALANCE REPORT. THE REPORT IS TO BE ISSUED A MINIMUM OF TWO WEEKS PRIOR TO PROJECT COMPLETION. THE TEST AND BALANCE REPORT WILL BE SUBJECT TO REVIEW AND APPROVAL BY THE ENGINEER. ANY ADDITIONAL TESTING, ADJUSTING AND BALANCING REQUIRED (AT ENGINEER'S REQUEST) AFTER REVIEW OF THE INITIAL REPORT SHALL BE PROVIDED AT NO ADDITIONAL COST. TEST AND BALANCE REPORT TO BE COMPLETED BY AN INDEPENDENT, CERTIFIED TEST AND BALANCE CONTRACTOR.

PLUMBING EQUIPMENT SCHEDULE

SYM.	DESCRIPTION	CONN. SIZE		SPECIFICATION	REMARKS
		INLET	OUT		
WH1 (TYP. OF 1)	WATER HEATER, COMMERCIAL TANK TYPE, GAS FIRED, 100 GALLON CAPACITY, 27 3/4" DIAMETER	1 1/2"	1 1/2"	EQUIPMENT: AO SMITH, BTH-199 GAS INPUT: 199,900 BTUH RECOVERY: 294 GPH AT 80° RISE.	SET OUTLET TEMPERATURE TO 120°F SEE NOTE 1
WH2 (TYP. OF 1)	WATER HEATER, COMMERCIAL TANK TYPE, ELECTRIC, 120 GALLON CAPACITY, 29 1/2" DIAMETER (ADD ALT. 6, ONLY)	1 1/4"	1 1/4"	EQUIPMENT: AO SMITH DRE 120-12 ELEC: 12 KW, 208 V, 3Φ RECOVERY: 62 GPH AT 80° RISE.	SET OUTLET TEMPERATURE TO 120°F SEE NOTE 3
ET1	THERMAL EXPANSION TANK 5.1 GALLON CAPACITY	3/4"	-	EQUIPMENT: AMTROL ST-12-C	-
RCP1	CIRCULATION PUMP ALL BRONZE CONSTRUCTION	3/4"	3/4"	PUMP: B&G ECOCIRC 18-20 SS, ELEC: 10-70 WATT, 120V RATED FOR 9 GPM AT 10' HEAD	SEE NOTE 2

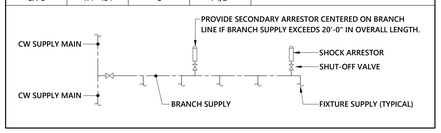
NOTES:
1. COMMERCIAL GAS FIRED WATER HEATER SHALL HAVE AT LEAST A 96% THERMAL EFFICIENCY RATING, A 5 YEAR WARRANTY, STAINLESS STEEL BURNERS, REDUNDANT GAS VALVES, SEALED COMBUSTION CHAMBER, FAN ASSISTED COMBUSTION, ASME 150 PSI WORKING PRESSURE, INLET AND OUTLET TEMPERATURE GAUGE, TEMP GAUGE, 150 PSI T&P RELIEF VALVE, OPERATING LIMIT AND HIGH LIMIT CONTROLS, U.L. AND FM APPROVED GAS TRAIN, FLOW SWITCH, 100% SAFETY SHUTDOWN AND LOW NOX EMISSIONS. PROVIDE WITH FACTORY CONDENSATE NEUTRALIZATION KIT. PROVIDE WATER HEATER WITH INTERNAL CIRCULATION PUMP, INTERNAL BUFFER TANK AND CIRCULATION INLET. SET WATER HEATER CIRCULATION PUMP CONTROL SETTING AND VALVE TO "EXTERNAL CIRCULATION MODE". WATER HEATER SHALL EXCEED ASHRAE 90.1 REQUIREMENTS.
2. INTERLOCK WITH FULLY ADJUSTABLE AQUASTAT AND 7-DAY, 24 HOUR TIMER.
3. WH2 TO BE PROVIDED IN THE ADD ALTERNATE 6 PACKAGE ONLY.

** MATCH PIPE SIZE SHOWN ON PLANS, SEE PLANS.

APPROVED EQUALS:	PRODUCT TYPE:	ACCEPTED MANUFACTURERS:
THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE MODEL WHICH MOST CLOSELY MATCHES THE SPECIFIED PRODUCT. PROVIDE PRODUCTS MADE BY THE MANUFACTURER'S LISTED.	WATER HEATERS EXPANSION TANKS PUMPS	NAVIEN, RINNAI, NORITZ AMTROL, LOCHINVAR, WATTS, WESSLES B&G, TACO, ARMSTRONG

SHOCK ARRESTOR TABLE

DRAWING SYMBOL	FIXTURE UNITS	P.D.I. WH201 DESIGNATION	ARRESTOR SIZE	REMARKS
SA-A	1 - 11	A	1/2"	INSTALL SHOCK ARRESTORS PER THE PLUMBING DRAINAGE INSTITUTE (P.D.I.) GUIDELINES. ACCEPTED MANUFACTURERS: SIOUX CHIEF, WATTS, PPP INC., ZURN
SA-B	12 - 32	B	3/4"	
SA-C	33 - 60	C	1"	
SA-D	61 - 113	D	1-1/4"	
SA-E	114 - 154	E	1-1/2"	



GREASE INTERCEPTOR - GRS1/GRS2

ZURN PROCEPTOR GMC-1000 OR APPROVED EQUAL BY XERXES, FLOWTITE, OR TOWN AND COUNTRY PLASITICS. 1,000 GALLON WATER CAPACITY, FIBERGLASS CONSTRUCTION, 6" INLETS AND OUTLETS AND 3" VENTS. PROVIDE MANWAYS TO MEET INVERT DEPTH AND H-20 TRAFFIC RATED MANHOLE COVERS AND FRAMES INSTALLED FLUSH WITH FINISHED GRADE. PROVIDE REINFORCED CONCRETE RELIEVING SLAB WHEN EASE INTERCEPTOR IS LOCATED IN AREAS WITH VEHICLE ACCESS. INSTALL PER THE MANUFACTURERS INSTRUCTIONS. COORDINATE EXACT LOCATION WITH SITE UTILITY CONTRACTOR. SEE SCHEMATIC 11/P400.

LINT INTERCEPTOR - LI-1

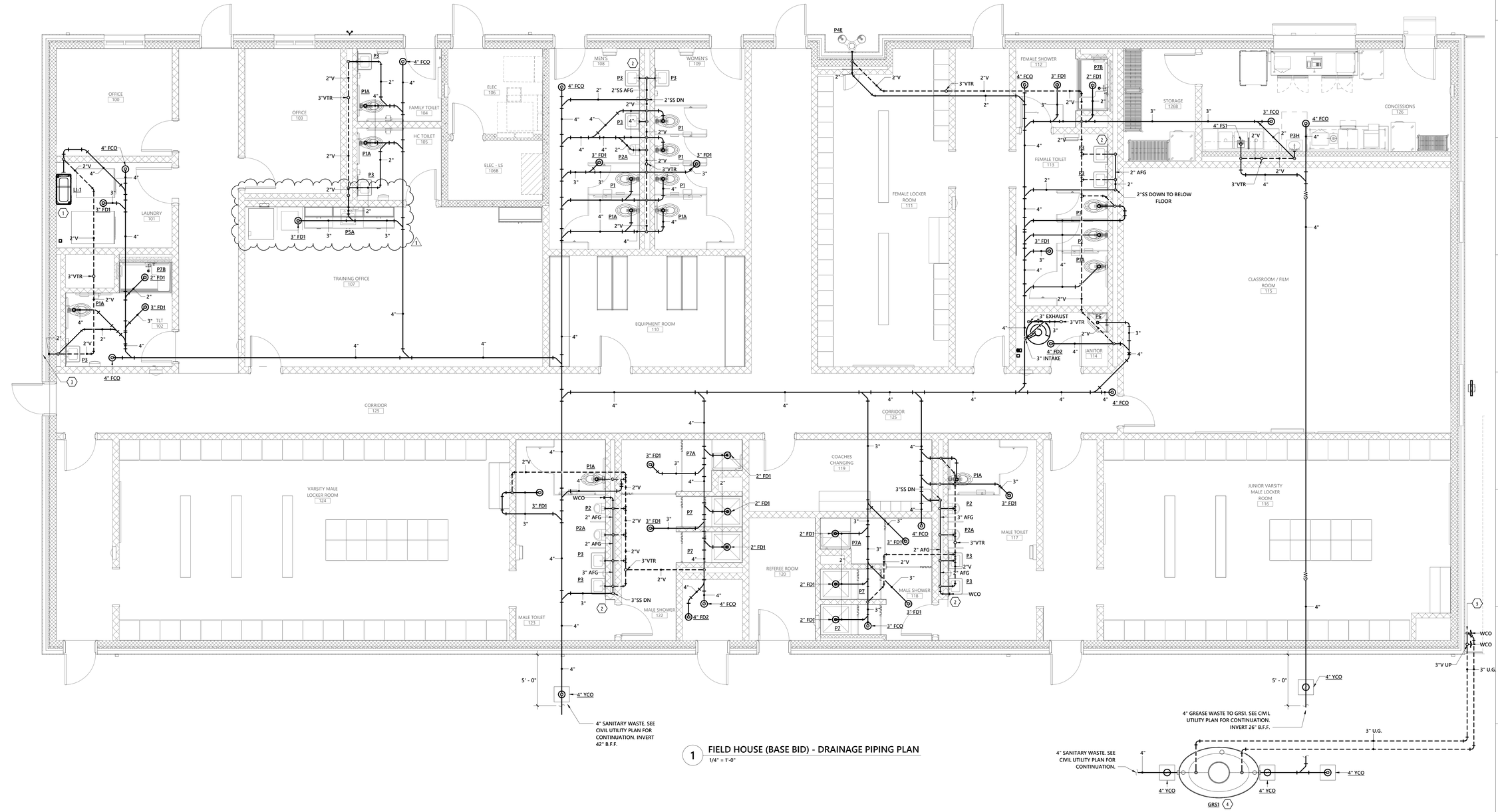
H-M COMPANY DRAIN TROUGH 4'-0"x1'-0"x1'-0" OR APPROVED EQUAL, 1/4" THICK PREFABRICATED POLYPROPYLENE LAUNDRY TRENCH RECESSED IN FLOOR WITH 3/8" THICK POLYPROPYLENE REMOVABLE LID. PROVIDE LINT SCREEN AND OPTIONAL SECOND LINT SCREEN. PROVIDE WITH 4" BOTTOM OUTLET AND 4" P'TRAP. SEE SCHEMATIC 2/P400

PLUMBING GENERAL NOTES

1. GENERAL AND SPECIAL CONDITIONS OF THE CONTRACT APPLY TO THE PLUMBING SCOPE OF WORK. THE PLUMBING DRAWINGS AND SPECIFICATIONS SHALL NOT BE INTERPRETED AS WAIVING OR OVERRULING ANY REQUIREMENTS EXPRESSED IN GENERAL CONDITIONS.
2. PLUMBING WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE 2018 INTERNATIONAL PLUMBING CODE AND WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION.
3. SCOPE: PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT REQUIRED FOR THE COMPLETION AND OPERATION OF ALL PLUMBING SYSTEMS IN ACCORDANCE WITH ALL APPLICABLE CODES.
4. PERMITS: APPLY AND PAY FOR ALL NECESSARY PERMITS, FEES AND INSPECTIONS REQUIRED BY ANY PUBLIC AUTHORITY HAVING JURISDICTION. ACREAGE CHARGES, FACILITIES CHARGES AND BOND PROPERTY ASSESSMENTS ARE NOT TO BE CONSTRUED TO BE A PART OF THIS CONTRACT.

CONSTRUCTION NOTES

1. PROVIDE INDIRECT DRAIN PIPING FROM WASHING MACHINE TO LAUNDRY TRENCH. PROVIDE DRAIN TROUGH WITH LINT FILTER FOR COMMERCIAL WASHER. SEE DETAIL 2/P400 FOR MORE INFORMATION.
2. SANITARY WASTE PIPING FROM LAVATORIES TO RUN CONCEALED IN CHASE PROVIDED & COMBINED INTO (1) WASTE PIPE BEFORE DROPPING BELOW FINISHED FLOOR TO RUN UNDERGROUND.
3. PROVIDE 2" SANITARY WASTE LINE AND 2" VENT AND CAP FOR FUTURE USE TO SERVE P4 FIXTURE IN WEIGHT ROOM, INCLUDED IN ADD. ALT 1. SEE SHEET P111 FOR CONTINUATION.
4. GREASE INTERCEPTOR (GRS1). PLEASE REFER TO CIVIL SITE PLANS FOR EXACT LOCATION. SEE DETAIL 11/P400 FOR MORE INFORMATION.
5. 3" UNDERGROUND VENT PIPING TO RISE AT EXTERIOR WALL. PROVIDE WCO FOR EACH VENT AT 1' AFF. AFTER WCO, TIE VENT PIPING TOGETHER INTO (1) 3" V, RISE AND TERMINATE PIPING ABOVE ROOF LEVEL. PROVIDE CAST IRON VENT PIPING WHERE PIPING IS EXPOSED ABOVE GRADE AT EXTERIOR.



1 FIELD HOUSE (BASE BID) - DRAINAGE PIPING PLAN
1/4" = 1'-0"

HAMPTON COUNTY HIGH SCHOOL PHASE 2

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SOUTH CAROLINA — OPTIMA ENGINEERING PA No. C00710 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — REGISTERED PROFESSIONAL ENGINEER — George C. Fowler III No. 21021 — GEORGE C. FOWLER III

State Board of Registration for Professional Engineers and Surveyors.
11-19-2025

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LS3P PROJECT: 1201-217190
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FIELD HOUSE DRAINAGE PLAN (BASE BID)

P-101

PROJECT NORTH N — TRUE NORTH

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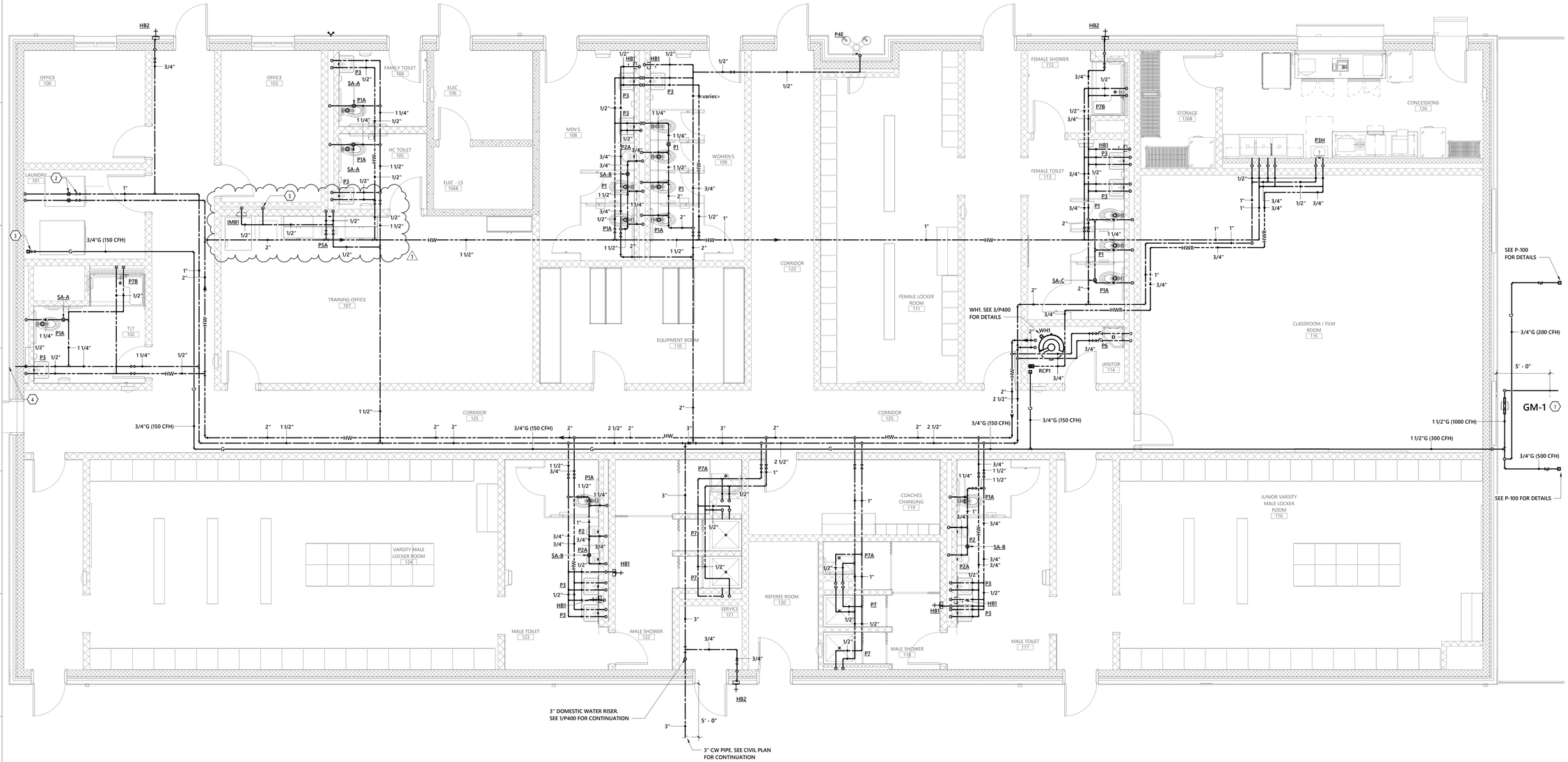
CONSTRUCTION NOTES

1. GAS SERVICE AND METER TO BE PROVIDED BY LOCAL GAS CO. (1050 CFH AT 2 PSIG). NOTE, THE PLUMBING CONTRACTORS WORK BEGINS AT THE OUTLET OF THE GAS METER ASSEMBLY. SEE P-100 FOR OVERALL PLAN WITH ENTIRE MECHANICAL YARD AND CONTINUATION OF GAS PIPING..
2. PROVIDE 1" CW & 1" HW FOR COMMERCIAL WASHER. PROVIDE SHOCK ARRESTORS AND SHUT OFF VALVES FOR WATER LINES IN AN ACCESSIBLE LOCATION.
3. PROVIDE 3/4" GAS LINE FOR COMMERCIAL DRYER. PC TO CONFIRM EXACT GAS LOAD NEEDED FOR COMMERCIAL DRYER PRIOR TO PERFORMING ANY WORK. PROVIDE SHUT OFF VALVE IN AN ACCESSIBLE LOCATION.
4. PROVIDE 1/2" CW LINE AND CAP FOR FUTURE USE TO SERVE FIXTURE P4 IN WEIGHT ROOM, INCLUDED IN ADD. ALT 1. SEE SHEET P112 FOR CONTINUATION.
5. ICE MAKER & WATER FILTER: PROVIDE 1/2" CW SHUT-OFF VALVE, LEAD FREE (ASSE 1024 LISTED) INLINE DOUBLE CHECK VALVE EQUAL TO WILKINS SERIES 700 AND NSF-CERTIFIED FLEXIBLE WATER CONNECTION KIT EQUAL TO DORMONT SERIES 71-000, 72-000, OR 73-000 INCLUDING, LEAD FREE STAINLESS STEEL QUICK DISCONNECT(S), AND RETRACTABLE POLYURETHANE SWIRL HOSE. EXTEND DRAIN LINE FROM ICE MAKER TO SPILL OVER FLOOR SINK. SEE DETAIL 6/P400.



1 FIELD HOUSE (BASE BID) - SUPPLY PLAN
1/4" = 1'-0"

PARTITION LEGEND

- SMOKE PARTITION TO DECK
- 1 HR. RATED PARTITION TO DECK
- 2 HR. RATED PARTITION TO DECK

PROJECT NORTH N | TRUE NORTH

HAMPTON COUNTY HIGH SCHOOL PHASE 2

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FIELD HOUSE SUPPLY PLAN (BASE BID)

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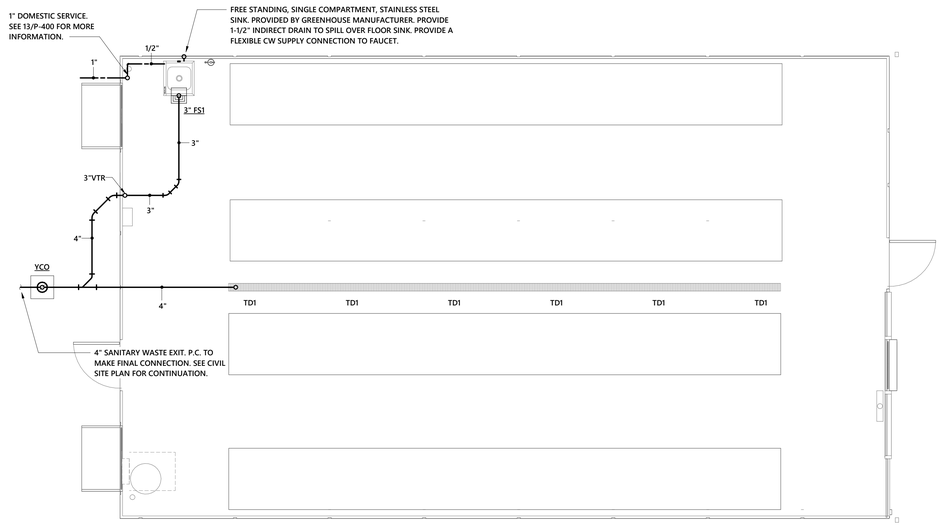

1 GREENHOUSE PLUMBING PLAN
1/4" = 1'-0"

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GREENHOUSE PLUMBING PLAN

P-151

1 NEW SHEET

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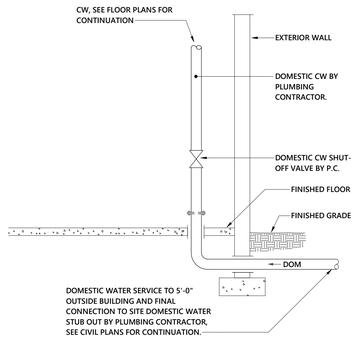
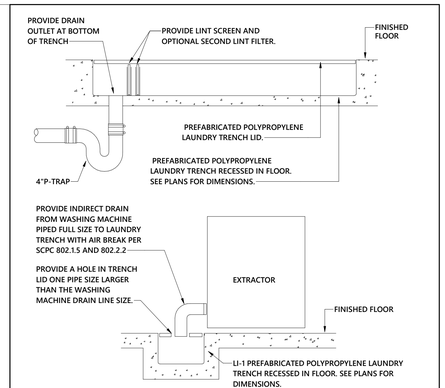
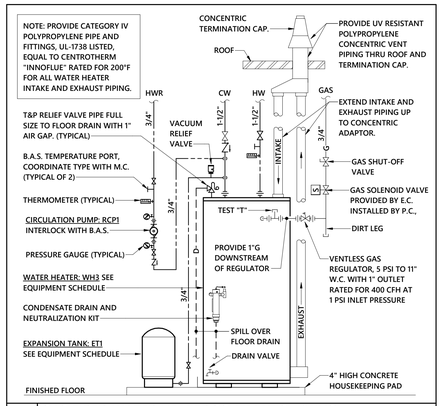


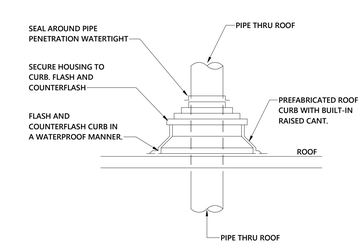
1 WATER SERVICE ENTRANCE SCHEMATIC
NOT TO SCALE



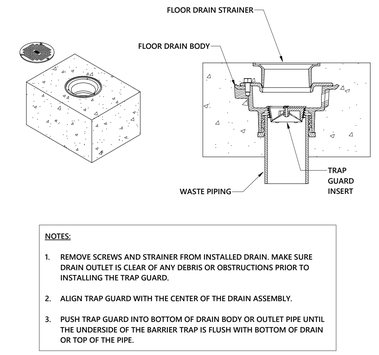
2 WASHER DRAIN WITH LINT TRAP DETAIL
NOT TO SCALE



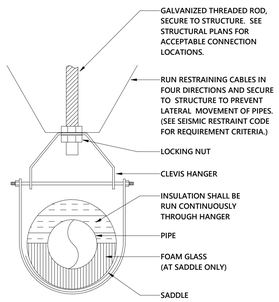
3 GAS FIRED WATER HEATER SCHEMATIC - (WH1)
NOT TO SCALE



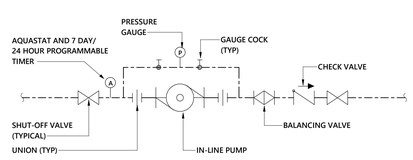
4 PIPE PORTAL DETAIL
NOT TO SCALE



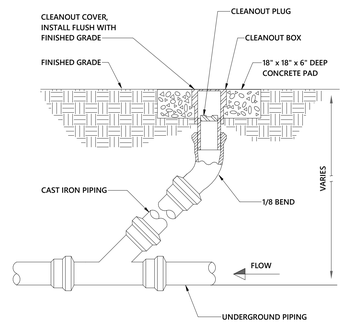
5 FLOOR DRAIN TRAP GUARD DETAIL
NO SCALE



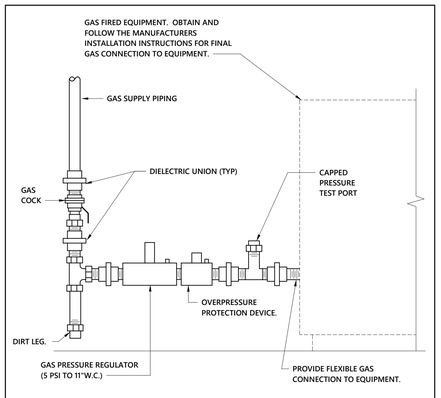
6 PIPE HANGER SCHEMATIC
NOT TO SCALE



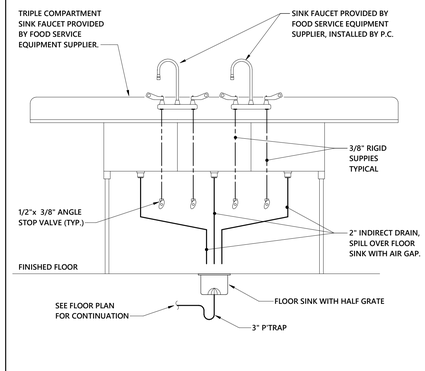
7 HOTWATER RECIRC PUMP DETAIL
NOT TO SCALE



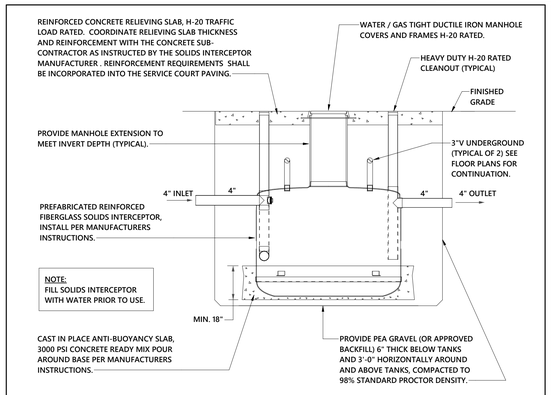
8 YARD CLEANOUT DETAIL
NOT TO SCALE



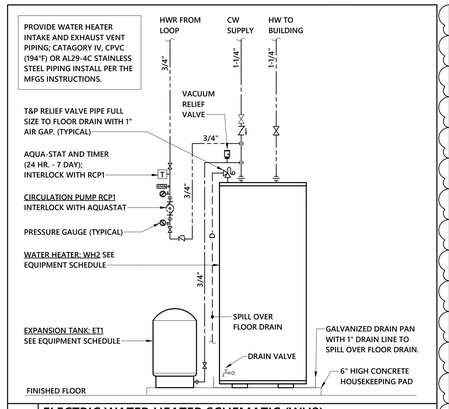
9 TYPICAL GAS PIPING CONNECTION TO EQUIPMENT DETAIL
NOT TO SCALE



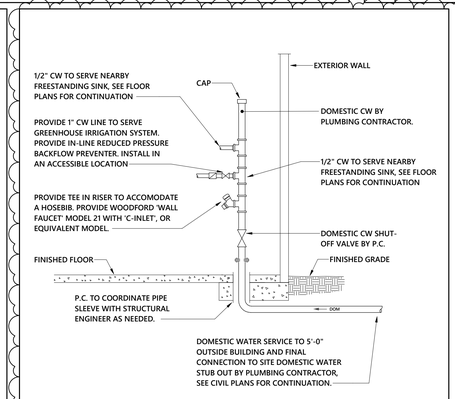
10 TRIPLE COMPARTMENT SINK PIPING DETAIL
NOT TO SCALE



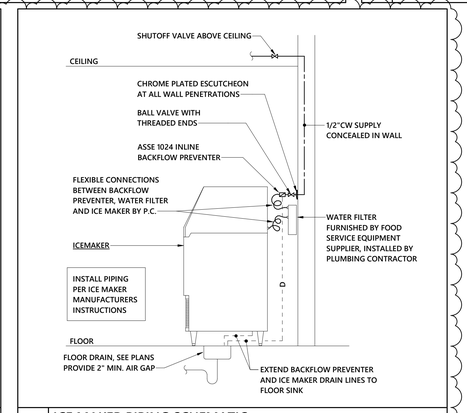
11 GREASE INTERCEPTOR - GRS1/GRS2
NOT TO SCALE



12 ELECTRIC WATER HEATER SCHEMATIC (WH2)
NOT TO SCALE



13 GREENHOUSE WATER SERVICE ENTRANCE SCHEMATIC
NOT TO SCALE



14 ICE MAKER PIPING SCHEMATIC
NOT TO SCALE

1

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1	ADDENDUM 01	11-19-2025

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LS3P PROJECT: 1201-217190
DATE: 10.31.2025

PLUMBING DETAILS

P-400

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SCHEDULE NOTES:

SCHEDULE NOTES:

1. SEE DETAIL FOR STANDARD MOUNTING HEIGHTS OF ALL DEVICES, UNLESS OTHERWISE NOTED.
2. ALL DEVICES (SWITCHES AND RECEPTACLES) SHALL BE GRAY. DEDICATED CIRCUITS SHALL BE RED, AND EMERGENCY SHALL BE ORANGE. COVER PLATE SHALL BE 302 STAINLESS STEEL UNLESS OTHERWISE NOTED. ALL COVER PLATES IN MASONRY WALLS SHALL BE JUMBO PLATES.
3. FIRE ALARM SHALL BE IN CONDUIT UNLESS OTHERWISE NOTED.
4. PANEL DIRECTORIES SHALL REFLECT ACTUAL ROOM NUMBER ASSIGNED BY SCHOOL SYSTEM AND NOT ARCHITECTURAL PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UPDATE ALL SCHEDULES BASED ON FINAL ROOM DESIGNATION. ALL PANEL DIRECTORIES SHALL BE NEATLY TYPED.
5. ALL LOW VOLTAGE CABLING SHALL BE PLENUM RATED.
6. MC CABLE SHALL NOT BE PERMITTED.
7. ALL PLAN DRAWINGS SHALL SUPERCEDE SPECIFICATIONS WHEN PLANS AND SPECIFICATIONS ARE IN CONFLICT.
8. ALL COST ASSOCIATED WITH SUBSTITUTED EQUIPMENT TO COMPLY WITH BASIS OF DESIGN, INCLUDING PROVIDING MAINTENANCE ACCESS, CLEARANCE, CONDUIT, WIRE, REPLACEMENT OF OTHER SYSTEM COMPONENTS, BUILDING ALTERATIONS, ETC., SHALL BE INCLUDED IN THE ORIGINAL BASE BID. NO ADDITIONAL COST ASSOCIATED WITH SUBSTITUTED EQUIPMENT WILL BE APPROVED DURING CONSTRUCTION AND ALL COST WILL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
9. SHARED NEUTRAL OR "SUPER NEUTRAL" CONDUCTORS SHALL NOT BE PERMITTED UNLESS SPECIFICALLY SHOWN ON THESE DRAWINGS.
10. SERIES RATED PANELS ARE NOT ACCEPTABLE.

1

COORDINATION SET

THE CONSTRUCTION DRAWINGS HEREIN ARE DIAGRAMATIC IN NATURE. THE MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION AND GENERAL CONTRACTORS ARE RESPONSIBLE FOR CREATING A COORDINATED SET OF CONSTRUCTION SHOP DRAWINGS.

THE CONTRACTORS ARE RESPONSIBLE FOR HOSTING MEETINGS, AND IDENTIFYING CONFLICTS BETWEEN MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION SYSTEMS AND OTHER SYSTEMS INCLUDING BUT NOT LIMITED TO STRUCTURAL FOUNDATIONS, STRUCTURAL STEEL, EQUIPMENT, CLEARANCECS, DUCTWORK, PIPING, CONDUITS, CABLE TRAYS, SPACE REQUIREMENTS FOR SUPPORTS, LIGHTING, AND ACCESS DOORS.

ONCE THE COORDINATION DRAWINGS HAVE BEEN FULLY COORDINATED AND SIGNED OFF BY THE CONTRACTOR OF EACH TRADE. THE CONTRACTORS SHALL CREATE A SET OF 1/4 SCALE 2D COORDINATION DRAWINGS (WITH HORIZONTAL / ELEVATION DIMENSIONS) AND FORWARD TO THE DESIGN TEAM FOR REVIEW. THE COORDINATION DRAWINGS SHALL BE COMPLETED PRIOR TO THE PURCHASE OF ANY EQUIPMENT OR FABRICATION AND INSTALLATION OF ANY DUCTWORK, PIPING SYSTEMS, CABLE TRAY, ETC.

GENERAL NOTES

NOTES:

1. CURRENT ADOPTED ELECTRICAL CODE IS NEC 2020. MINIMUM STANDARDS AND ADOPTED CODES IN STATE OF SOUTH CAROLINA ADHERE TO THIS ADOPTED CODE.
2. ALL REQUIRED DOCUMENTATION REGARDING THE DESIGN OF FIRE DETECTION, ALARM, AND COMMUNICATIONS SYSTEM AND THE PROCEDURES FOR MAINTENANCE, INSPECTION, AND TESTING OF FIRE DETECTION, ALARM AND COMMUNICATIONS SYSTEMS SHALL BE MAINTAINED AT AN APPROVED, SECURED LOCATION FOR THE LIFE OF THE SYSTEM

GENERAL TELECOMM NOTES

Notes:

1. ALL CONDUIT RACEWAYS AND CABLE TRAY SHALL BE PROVIDED BY EC. FOR ALL SYSTEMS.
2. LOW VOLTAGE CABLING AND EQUIPMENT FOR DATA, PHONE, CABLE TV, INTERCOM, CARD ACCESS, INTRUSION DETECTION, AND SECURITY CAMERAS ARE NOT IN THIS CONTRACT. CABLING AND EQUIPMENT WILL BE BY OTHERS.
3. TURN KEY FIRE ALARM, AND BOOSTING RADIO SYSTEM AND INDEPENDENT SOUND SYSTEMS ARE BY THE EC. (INCLUDING ALL CABLING, COMPONENTS AND PATHWAYS.)
4. ALL CONDUIT RACEWAYS SHALL BE INSTALLED CONCEALED ABOVE CEILINGS OR IN WALLS. NO LOW VOLTAGE CABLING PATHWAYS SHALL BE UNDERGROUND/BELOW SLAB BOTHER THAN THE SERVICE ENTRANCE CONDUITS AND PATHWAYS FEEDING FLOORBOXES.
5. J-HOOKS SHALL NOT SUPPORT ELECTRICAL CONDUITS OR CABLES. ELECTRICAL CONDUITS SHALL BE A MINIMUM OF 12" AWAY FROM DATA RUNS TO MINIMIZE ELECTRICAL MAGNETIC INTERFERENCE.

SEISMIC CATEGORY NOTES:

1. PROVIDE DESIGN AND INSTALLATION OF SEISMIC RESTRAINT ELEMENTS FOR THE ELECTRICAL SYSTEM(S) IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF THE 2021 SOUTH CAROLINA BUILDING CODE AND ASCE 7-10, CHAPTER 13 FOR A SEISMIC DESIGN CATEGORY D.

2. PROVIDE CALCULATIONS AND PREPARE SHOP DRAWINGS FOR THE SPECIFIC METHODS OF SEISMIC RESTRAINT TO BE USED IN ACCORDANCE WITH ASCE 7-10. REQUIRED RESTRAINT DEVICES, MATERIALS, AND SUPPLEMENTARY FRAMING SHALL BE AN INTEGRAL PART OF THE DESIGN AND SHALL BE INCLUDED IN THE SHOP DRAWINGS. PROVIDE ISOLATORS, SEISMIC MOUNTS, RESTRAINTS, ETC. AS NECESSARY TO COMPLY WITH ALL APPLICABLE REQUIREMENTS.

3. CALCULATIONS SHALL BE PREPARED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF SOUTH CAROLINA WITH A MINIMUM 5 YEARS OF EXPERIENCE IN THE DESIGN AND SPECIFICATION OF SEISMIC RESTRAINT SYSTEMS.

4. SUBMIT CALCULATIONS AND SHOP DRAWINGS TO THE ARCHITECT, ENGINEER, AND LOCAL AUTHORITY HAVING JURISDICTION FOR REVIEW AND APPROVAL.

5. COPIES OF THE APPROVED RESTRAINT SYSTEM(S) INSTALLATION MANUAL SHALL BE ON THE JOBSITE PRIOR TO INSTALLATION.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REQUIRED SPECIAL INSPECTIONS AND ASSOCIATED DOCUMENTATION. THE CONTRACTOR SHALL PROVIDE VERIFICATION IN WRITING OF COMPLIANCE WITH THE APPROVED SHOP DRAWINGS.

7. REVIEW AND APPROVAL OF THE SHOP DRAWINGS AND CALCULATIONS BY THE ARCHITECT/ENGINEER/ SHALL NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO COMPLY WITH SEISMIC OR OTHER REQUIREMENTS OF THE 2021 SOUTH CAROLINA BUILDING CODE AND ASCE 7-10.

ELECTRICAL FIXTURES LEGEND - COMMERCIAL

SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE, 20 AMP, 120 VOLT. TAMPER RESISTANT.
GFI	GROUND FAULT RECEPTACLE. NEMA 5-20R DUPLEX. ALL RECEPTACLES INSTALLED OUTSIDE, WITHIN 6' OF A SINK OR IN A KITCHEN SHALL BE GFCI. TAMPER RESISTANT.
TR	TAMPER RESISTANT DUPLEX RECEPTACLE NEMA, 5-20R, MOUNTED ABOVE COUNTER, OR AT HEIGHT NOTED.
IG	GROUND FAULT RECEPTACLE - BREAKER AT PANEL. NEMA 5-20R DUPLEX. ALL RECEPTACLES INSTALLED OUTSIDE, WITHIN 6' OF A SINK OR IN A KITCHEN SHALL BE GFCI PROTECTED.
	DUPLEX RECEPTACLE MOUNTED 6" ABOVE COUNTER BACKSPLASH OR AT HEIGHT NOTED. TAMPER RESISTANT.
GFI	GROUND FAULT DUPLEX RECEPTACLE, NEMA 5-20R MOUNTED 6" ABOVE COUNTER OR AT HEIGHT NOTED. TAMPER RESISTANT.
WP GFI	TAMPER RESISTANT WEATHERPROOF GROUND FAULT RECEPTACLE. NEMA 5-20R DUPLEX, CORROSION RESISTANT, WITH IN-USE COVER.
	QUAD RECEPTACLE. TWO NEMA 5-20R DUPLEX RECEPTACLES, OTHERWISE SAME AS DUPLEX RECETACLE ABOVE. TAMPER RESISTANT.
GFI	QUAD RECEPTACLE, TWO NEMA 5-20R FOR ELECTRIC WATER COOLER TO BE SUPPLIED BY GROUND FAULT BREAKER. COORDINATE LOCATION WITH PLUMBING CONTRACTOR.
	QUAD RECEPTACLE. TWO NEMA 5-20R DUPLEX RECEPTACLES 6" ABOVE COUNTER OR AT HEIGHT NOTED. TAMPER RESISTANT.

ELECTRICAL ABBREVIATIONS LIST

1P	1 POLE (2P, 3P, 4P, ETC.)
A	AMPERE
AC	ABOVE COUNTER OR AIR CONDITIONER
ACLG	ABOVE CEILING
ADO	AUTOMATIC DOOR OPENER
AF	AMP FRAME
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFI	ARC FAULT CIRCUIT INTERRUPTER
AHU	AIR HANDLING UNIT
AL	ALUMINUM
ALT	ALTERNATE
AMP	AMPERE
AMPL	AMPLIFIER
ANNUN	ANNUNCIATOR
APPROX	APPROXIMATELY
AQ-STAT	AQUASTAT
ARCH	ARCHITECT, ARCHITECTURAL
AS	AMP SWITCH
AT	AMP TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AUX	AUXILIARY
AV	AUDIO VISUAL
AWG	AMERICAN WIRE GAUGE
BATT	BATTERY
BD	BOARD
BLDG	BUILDING
BMS	BUILDING MANAGEMENT SYSTEM
C	CONDUIT
CAB	CABINET
CAT	CATALOG
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CLG	CEILING
COMB	COMBINATION
CMPR	COMPRESSOR
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUATION OR CONTINUOUS
CONTR	CONTRACTOR
CONV	CONVECTOR
CP	CIRCULATING PUMP
CRT	CATHODE-RAY TUBE
CT	CURRENT TRANSFORMER
CTR	CENTER
CU	COPPER
DCP	DOMESTIC WATER CIRCULATING PUMP
DEPT	DEPARTMENT
DET	DETAIL
DIA	DIAMETER
DISC	DISCONNECT
DIST	DISTRIBUTION
DN	DOWN
DPR	DAMPER
DS	SAFETY DISCONNECT SWITCH
DT	DOUBLE THROW
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRIC, ELECTRICAL
ELEV	ELEVATOR
EM	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EMT	ELECTRICAL METALLIC TUBING
EP	ELECTRIC PNEUMATIC
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXH	EXHAUST
EXP	EXPLOSION PROOF
FA	FIRE ALARM
FABP	FIRE ALARM BOOSTER POWER SUPPLY PANEL
FACP	FIRE ALARM CONTROL PANEL
FCU	FAN COIL UNIT
FIXT	FIXTURE
FLR	FLOOR
FLUOR	FLUORESCENT
FU	FUSE
FUDS	FUSED SAFETY DISCONNECT SWITCH
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTOR
GND	GROUND
GRS	GALVANIZED RIGID STEEL (CONDUIT)
GYP BD	GYPSUM BOARD
HOA	HANDS-OFF-AUTOMATIC SWITCH
HORIZ	HORIZONTAL
HP	HORSEPOWER
HPF	HIGH POWER FACTOR
HT	HEIGHT
HTG	HEATING
HTR	HEATER
HV	HIGH VOLTAGE
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HWP	HYDRONIC WATER PUMP
IC	INTERRUPTING CAPACITY
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INCAND	INCANDESCENT
IR	INFRARED
I/W	INTERLOCK WITH
J-BOX	JUNCTION BOX
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KVAR	KILOVOLT-AMPERE REACTIVE
KW	KILOWATT
KWH	KILOWATT HOUR
LOC	LOCATE OR LOCATION
LT	LIGHT
LTG	LIGHTING
LTNG	LIGHTNING
LV	LOW VOLTAGE
MAX	MAXIMUM
MAG.S	MAGNETIC STARTER
M/C	MOMENTARY CONTACT
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDC	MAIN DISTRIBUTION CENTER
MDP	MAIN DISTRIBUTION PANEL
MFR	MANUFACTURER
MFS	MAIN FUSED DISCONNECT SWITCH
MH	MANHOLE
MIC	MICROPHONE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MMS	MANUAL MOTOR STARTER
MOA	MULTIOUTLET ASSEMBLY
MSP	MOTOR STARTER PANELBOARD
MSBD	MAIN SWITCHBOARD
MT	MOUNT
MT.C	EMPTY CONDUIT
MTS	MANUAL TRANSFER SWITCH
MTR	MOTOR, MOTORIZED
N.C.	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
NFDS	NON-FUSED SAFETY DISCONNECT SWITCH
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
N.O.	NORMALLY OPEN
NPF	NORMAL POWER FACTOR
NTS	NOT TO SCALE
OH	OVERHEAD
OL	OVERLOADS
PA	PUBLIC ADDRESS
PB	PULL BOX OR PUSHBUTTON
PE	PNEUMATIC ELECTRIC
PED	PEDESTAL
PF	POWER FACTOR
PH	PHASE
PIV	POST INDICATING VALVE
PNL	PANEL
PP	POWER POLE
PR	PAIR
PRI	PRIMARY
PROJ	PROJECTION
PRV	POWER ROOF VENTILATOR
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE (CONDUIT)
PWR	POWER
QUAN	QUANTITY
RCPT	RECEPTACLE
REQD	REQUIRED
RM	ROOM
RSC	RIGID STEEL CONDUIT
RTU	ROOF TOP UNIT
SC	SURFACE CONDUIT
SEC	SECONDARY
SHT	SHEET
SIM	SIMILAR
S/N	SOLID NEUTRAL
SPEC	SPECIFICATION
SPKR	SPEAKER
SP	SPARE
SR	SEE RISER
SS	STAINLESS STEEL
SSW	SELECTOR SWITCH
S/S	STOP/START PUSHBUTTONS
STA	STATION
STD	STANDARD
SURF	SURFACE MOUNTED
SW	SWITCH
SWBD	SWITCHBOARD
SYM	SYMMETRICAL
SYS	SYSTEM
TEL	TELEPHONE
TEL/DATA	TELEPHONE/DATA
TERM	TERMINAL
TL	TWIST LOCK
TR	TAMPER RESISTANT
T-STAT	THERMOSTAT
TTC	TELEPHONE TERMINAL CABINET
TV	TELEVISION
TVTC	TELEVISION TERMINAL CABINET
TYP	TYPICAL
UC	UNDER COUNTER
UE	UNDERGROUND ELECTRICAL
UG	UNDERGROUND
UH	UNIT HEATER
UT	UNDERGROUND TELEPHONE
UTIL	UTILITY
UV	UNIT VENTILATOR OR ULTRAVIOLET
V	VOLT
VA	VOLT-AMPERES
VDT	VIDEO DISPLAY TERMINAL
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VOL	VOLUME
W	WATT
W/	WITH
WG	WIRE GUARD
WH	WATER HEATER
W/O	WITHOUT
WP	WEATHERPROOF
XFMR	TRANSFORMER
XFR	TRANSFER
∠	ANGLE
@	AT
△	DELTA
'	FEET
"	INCHES
#	NUMBER
Ø	PHASE
℄	CENTER LINE
P	PLATE

SYMBOL SCHEDULE POWER

SYMBOL	DESCRIPTION
	WIRING SYSTEM CONCEALED IN WALL OR CEILING. WHEN SHOWN, CROSS LINES INDICATE NUMBER OF WIRES. (GROUND WIRES ARE NOT SHOWN)
	WIRING SYSTEM CONCEALED IN OR UNDER SLAB OR UNDERGROUND.
	BRANCH CIRCUIT HOMERUN TO PANEL.

SYMBOL SCHEDULE POWER LEGEND

SYMBOL	DESCRIPTION
	JUNCTION BOX WITH CONNECTION TO EQUIPMENT SERVED. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING.
	208/120V SINGLE PHASE PANELBOARD. SEE SCHEDULE FOR MOUNTING. TOP OF PANEL AT 6'-6" AFF.
	208Y/120V THREE PHASE PANELBOARD. SEE SCHEDULE FOR MOUNTING. TOP OF PANEL AT 6'-6" AFF.
CLNG	DUPLEX RECEPTCLE CEILNG MOUNT
	SPECIAL OUTLET. SEE PLANS.
	FUSED HEAVY DUTY DISCONNECT SWITCH. NUMERALS INDICATE SWITCH RATING. NEMA 1 ENCLOSURE, UNLESS OTHERWISE NOTED. UNSHADED INDICATES NON-FUSED.
	NON-FUSED HEAVY DUTY DISCONNECT SWITCH. NUMERALS INDICATE SWITCH RATING. NEMA 1 ENCLOSURE, UNLESS OTHERWISE NOTED. UNSHADED INDICATES NON-FUSED.
0.3 hp XX-1	CONNECTION TO MOTOR. STARTER PROVIDED BY OTHERS UNLESS OTHERWISE NOTED. NUMBER INDICATES HORSEPOWER.
XX-1 0.3 hp	COIL GARAGE DOOR WALL MOUNT CONNECTION TO MOTOR. STARTER PROVIDED BY OTHERS UNLESS OTHERWISE NOTED. NUMBER INDICATES HORSEPOWER.

NFPA FIRE ALARM LEGEND

SYMBOL	DESCRIPTION
FACP	VOICE EVACUATION FIRE ALARM CONTROL PANEL
FAC	FIRE ALARM COMMUNICATOR
FATC	FIRE ALARM TERMINAL CABINET
	SPRINKLER FLOW SWITCH
	VALVE SUPERVISORY SWITCH
	ADDRESSABLE INPUT MONITOR
X	GAS DETECTOR 'CO' CARBON MONOXIDE DETECTOR
	HEAT DETECTOR/SENSOR. X=TYPE
F	PULLSTATION/FIRE ALARM
	SMOKE DETECTOR/SENSOR (DEFAULT PHOTOELECTRIC TYPE)
R	FIRE ALARM CEILING MOUNT INDICATOR
	FIRE ALARM BELL NOTIFICATION
	DUCT SMOKE DETECTOR (NFPA 72, SECTION 17.7.5.5)
15cd	ADA COMPLIANT WALL MOUNTED FIRE ALARM SPEAKER WITH STROBE LIGHT, 15CD UNLESS OTHERWISE NOTED. WHITE FINISH.
15cd	FIRE ALARM STROBE (CANDELAS), WHITE FINISH
	FIRE ALARM SPEAKER ONLY, WHITE FINISH
15cd	FIRE ALARM SPEAKER W/STROBE (CANDELAS), WHITE FINISH

SPECIAL SYSTEMS LEGEND

SYMBOL	DESCRIPTION
	WALL-MOUNTED MICROPHONE JACK; 1" CONDUIT TO LOCAL SOUND SYSTEM CLOSET
S	FLUSH-MOUNTED CEILING SPEAKER.
HS	WALL-MOUNTED SPEAKER. WALL MOUNT AT 8' INTERIOR SPACES AND 10'-0" ON EXTERIOR WALLS.
HS WP	EXTERIOR WEATHERPROOF SPEAKER;3/4" CONDUIT TO LOCAL RACK. PROVIDE WEATHERPROOF J-BOX

EM./LS LIGHTING FIXTURE SYMBOLS AND DEVICES

SYMBOL	DESCRIPTION
	LED FIXTURE WITH EMERGENCY BATTERY. PROVIDE 1100 LUMEN INVERTER RATED FOR 90 MINUTE OPERATION. SEE FIXTURE SCHEDULE FOR FIXTURE TYPE, EMERGENCY DEVICE SHALL SUPPLEMENT FIXTURE.

LIGHTING FIXTURES SYMBOLS AND DEVICES...

SYMBOL	DESCRIPTION
S	SINGLE POLE SWITCH, 20 AMP, 120/277 VOLT, COOPER AH 1221, OR EQUAL BY HUBBELL, LEVITON AND PASS & SEYMOUR.
^{3}	THREE WAY SWITCH, 20 AMP, 120/277 VOLT, COOPER 1223, THREE WAY SWITCH, 20 AMP, 120/277 VOLT, COOPER 1223, OR EQUAL BY HUBBELL, LEVITON AND PASS & SEYMOUR.
^{4}	FOUR WAY SWITCH, 20 AMP, 120/277 VOLT, COOPER 1224 OR EQUAL.
^{K}	KEY OPERATED SWITCH
^{T}	4-HR TIMER SWITCH, 20 AMP, 120/277 VOLT, EQUAL TO INTERMATIC FF SERIES
OCT	CEILING MOUNTED OCCUPANCY SENSOR, DUAL TECHNOLOGY. SENSOR SWITCH CM PDT 10, WATT STOPPER #DT-300, COOPER OAC-DT OR EQUAL.
DTC	WALL MOUNTED OCCUPANCY SENSOR, DUAL TECHNOLOGY. SENSOR SWITCH WV-PDT, WATT STOPPER #DT-200, LEVITON, GREENGATE OR EQUAL. CONICAL PATTERN, MOUNT AS CLOSE TO CORNER OF ROOM AS POSSIBLE. MOUNT 10' AFF OR 6" BELOW CEILING (IF LOWER THAN 10':)
^{OC}	WALL MOUNTED OCCUPANCY SENSOR AND SWITCH. INFRARED TECHNOLOGY WITH NEUTRAL, 120/277V RATED. WATT STOPPER #WS-250, OR EQUAL BY SENSOR SWITCH, AND LEVITON.
PC	PHOTO CONTROL, EXTERIOR, MOUNT FACING NORTH.
^{LV}	LOW VOLTAGE MOMENTARY SWITCH. REFERENCE DETAIL. 10/E-004 LOW VOLTAGE POWER PACK WIRING DIAGRAM
PP	CEILING MOUNTED OCCUPANCY SENSOR POWER PACK. SENSOR SWITCH PP-20, WATT STOPPER #BZ-100, COOPER SP-20, OR EQUAL.

SECURITY DEVICES SYMBOL LEGEND - ELECTRICAL

SYMBOL	DESCRIPTION
	CEILING MOUNTED CAMERA. CAMERA PROVIDED AND INSTALLED BY OTHERS. PROVIDE 4" SQUARE JUNCTION BOX, AND 1" CONDUIT TO CABLE TRAY.
	WALL MOUNTED CAMERA. CAMERA PROVIDED AND INSTALLED BY OTHERS. PROVIDE 4" SQUARE JUNCTION BOX, AND 1" CONDUIT TO CABLE TRAY.
CR	CARD READER, MINIMUM 1/2" CONDUIT. PROVIDE SINGLE GANG JUNCTION BOX AND PULL STRING. SEE CARD READER DETAIL FOR ADDITIONAL REQUIREMENTS OF PATHWAYS AND CABLING.

TELECOM LEGEND - ELECTRICAL

SYMBOL	DESCRIPTION
#	DATA OUTLET ABOVE COUNTER OR HEIGHT SPECIFIED. MINIMUM 1 1/4" CONDUIT TO ABOVE NEAREST ACCESSIBLE CEILING FOR J-HOOK SYSTEM OR TO LOCAL CABLE TRAY (WITHIN 6') AS APPLICABLE WITH PULL STRING. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING. SUBSCRIPT NEXT TO OUTLET INDICATES HEIGHT OR DATA DROPS. WHERE NO HEIGHT SHOWN, MOUNT 6" ABOVE COUNTER TOP. IF CABLE QUANTITY AND SERVICE ARE NOT IDENTIFIED, THEN PATHWAY ONLY OR REFER TO TO TECHNOLOGY DRAWINGS FOR CABLE AND ACTIVATION TYPE.
#	DATA OUTLET ABOVE COUNTER OR HEIGHT SPECIFIED. MINIMUM 1 1/4" CONDUIT TO ABOVE NEAREST ACCESSIBLE CEILING FOR J-HOOK SYSTEM OR TO LOCAL CABLE TRAY (WITHIN 6") AS APPLICABLE WITH PULL STRING. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING. SUBSCRIPT NEXT TO OUTLET INDICATES HEIGHT OR DATA DROPS. WHERE NO HEIGHT SHOWN, MOUNT 6" ABOVE COUNTER TOP. IF CABLE QUANTITY AND SERVICE ARE NOT IDENTIFIED, THEN PATHWAY ONLY OR REFER TO TO TECHNOLOGY DRAWINGS FOR CABLE AND ACTIVATION TYPE.
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#	TELEHONE OUTLET ABOVE COUNTER OR HEIGHT SPECIFIED. MINIMUM 1 1/4" CONDUIT TO ABOVE NEAREST ACCESSIBLE CEILING FOR J-HOOK SYSTEM OR TO LOCAL CABLE TRAY (WITHIN 6") AS APPLICABLE WITH PULL STRING. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING. SUBSCRIPT NEXT TO OUTLET INDICATES HEIGHT OR DATA DROPS. WHERE NO HEIGHT SHOWN, MOUNT 6" ABOVE COUNTER TOP. IF CABLE QUANTITY AND SERVICE ARE NOT IDENTIFIED, THEN PATHWAY ONLY OR REFER TO TO TECHNOLOGY DRAWINGS FOR CABLE AND ACTIVATION TYPE.
#	TELEPHONE AND DATA OUTLET ABOVE COUNTER OR HEIGHT SPECIFIED. MINIMUM 1 1/4" CONDUIT TO ABOVE NEAREST ACCESSIBLE CEILING FOR J-HOOK SYSTEM OR TO LOCAL CABLE TRAY (WITHIN 6") AS APPLICABLE WITH PULL STRING. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING. SUBSCRIPT NEXT TO OUTLET INDICATES HEIGHT OR DATA DROPS. WHERE NO HEIGHT SHOWN, MOUNT 6" ABOVE COUNTER TOP. IF CABLE QUANTITY AND SERVICE ARE NOT IDENTIFIED, THEN PATHWAY ONLY OR REFER TO TO TECHNOLOGY DRAWINGS FOR CABLE AND ACTIVATION TYPE.
#	TELEPHONE AND DATA OUTLET. MINIMUM 1 1/4" CONDUIT TO ABOVE NEAREST ACCESSIBLE CEILING FOR J-HOOK SYSTEM OR TO LOCAL CABLE TRAY (WITHIN 6") AS APPLICABLE WITH PULL STRING. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING. SUBSCRIPT NEXT TO OUTLET INDICATES DATA DROPS. IF CABLE QUANTITY AND SERVICE ARE NOT IDENTIFIED, THEN PATHWAY ONLY OR REFER TO TO TECHNOLOGY DRAWINGS FOR CABLE AND ACTIVATION TYPE.
UVW	STRUCTURE MOUNTED JUNCTION BOX FOR WIRELESS ACCESS POINT IN OPEN CEILING APPLICATIONS. 4" SQUARE BOX WITH A TWO-GANG OPENING. STUB 1" EC FROM BOX TO J-HOOKS OR CABLE TRAY ABOVE ACCESSIBLE CEILING. PROVIDE CABLING, TERMINATIONS AND FACEPLATE PER SPECIFICATIONS.
TV	3-GANG RECESSED WALL BOX, BASEDON ARLINGTON INDUSTRIES TVBS507 OR EQUIVALENT. (2) 1", (1) 1-1/2" CONDUIT STUBBED ABOVE CEILING. 3/4" CONDUIT FOR POWER. PROVIDE PULL STRING FOR LOW VOLTAGE CABLING TO ACCESSIBLE CEILING.

1

ELECTRICAL SHEET INDEX

SHEET NUMBER	SHEET NAME
E832	ELECTRICAL DETAILS - LIGHTING
E-001	ELECTRICAL LEGEND AND NOTES
E-002	PENTRATION DETAILS
E-003	ELECTRICAL DETAILS
E-004	LIGHTING DETAILS
E-005	ELECTRICAL DETAILS
E-006	ELECTRICAL DETAILS
E-007	LIFE SAFETY DETAILS
E-050	ELECTRICAL SITE PLAN (BASE BID)
E-101	ELECTRICAL PRACTICE FIELDS (BASE BID)
E-120	ELECTRICAL SITE PLAN (ADD ALT #2)
E-130	ELECTRICAL SITE PLAN - TENNIS COURTS (ADD ALT #3)
E-201	POWER PLAN - FIELD HOUSE (BASE BID)
E-202	POWER PLAN - BASEBALL FIELD (BASE BID)
E-203	POWER PLAN - SOFTBALL FIELD (BASE BID)
E-204	POWER PLAN - RESTROOM & STORAGE MAINTENANCE (BASE BID)
E-211	POWER PLAN - WEIGHT ROOM (ADD ALT 1)
E-220	POWER PLAN - BASEBALL AND SOFTBALL FIELD ACCESSORY BUILDINGS (ADD ALT #2)
E-251	POWER PLAN - GREENHOUSE (ADD ALT #5)
E-260	POWER PLAN - FOOTBALL FIELD (ADD ALT #6)
E-263	POWER PLAN - CONCESSION (ADD ALT #6)
E-264	POWER PLAN - FOOTBALL PRESS BOX (ADD ALT #6)
E-701	POWER RISER DIAGRAM AND SCHEDULES
E-702	PANEL SCHEDULES
E-703	PANEL SCHEDULES
E-704	PANEL SCHEDULES
E-705	MECHANICAL EQUIPMENT CONNECTION SCHEDULE
E-800	LIGHTING FIXTURE SCHEDULE
E-801	SPORTS FIELD PHOTOMETRIC 1
E-802	SPORTS FIELD PHOTOMETRIC 2
E-803	SPORTS FIELD PHOTOMETRIC 3
E-804	SPORTS FIELD PHOTOMETRIC 4
E-805	SPORTS FIELD PHOTOMETRIC 5
E-806	SPORTS FIELD PHOTOMETRIC 6
E-807	SPORTS FIELD PHOTOMETRIC 7
E-808	SPORTS FIELD PHOTOMETRIC 8
E-809	BASEBALL ACCESSORY BUILDING PHOTOMETRIC 9
E-810	FIELD HOUSE PHOTOMETRIC 10
E-811	CONCESSIONS RESTROOM PHOTOMETRIC 11

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11/19/2025

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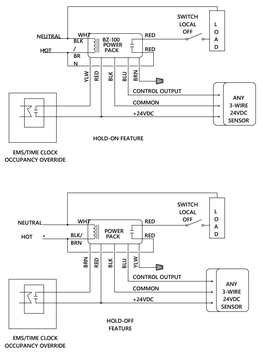
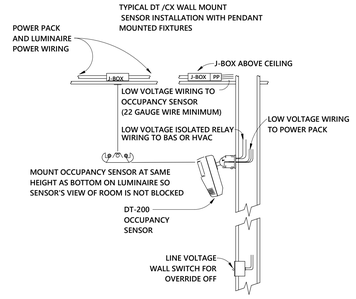
REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11

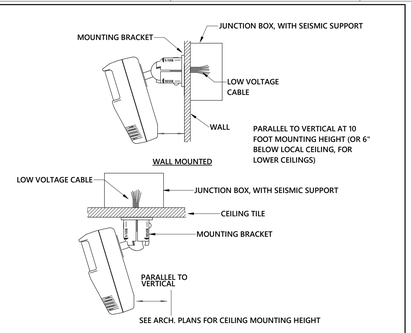


NOTE: CONNECT ONLY THE SUPPLY FOR THE VOLTAGE BEING USED.
CAP UNUSED POWER SUPPLY WIRE.

5 POWER PACK WIRING DIAGRAM
NOT TO SCALE

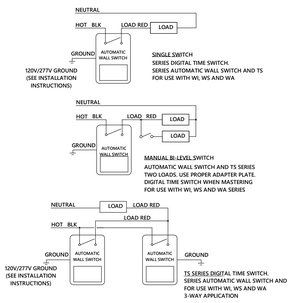


4 DT-200 PENDENT FIXTURE
NOT TO SCALE



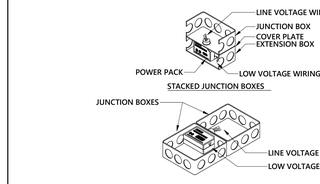
NOTES:
1. TILT SENSOR TOWARD CENTER OF ROOM FOR MAXIMUM EFFECTIVENESS.
2. CALIBRATE SENSITIVITY AND DIRECTION AFTER INSTALLATION.
3. PROVIDE WALL MOUNT BRACKET AND INSTALL AT CORNER MOST SECTION OF ROOM. PATTERN IS BASED ON CONICAL SHAPE.

3 CORNER MOUNT SENSOR
NOT TO SCALE



*WHEN THESE SWITCHES ARE WIRED IN A THREE-WAY WIRING CONFIGURATION THEY WILL ONLY OPERATE AS THREE-WAY SWITCHES IF THEY ARE LEFT IN AUTOMATIC MODE. IF ONE SWITCH IS TURNED OFF, THE LIGHTS WILL NOT COME AUTOMATICALLY ON UNTIL THAT SWITCH IS TURN BACK TO THE AUTOMATIC POSITION.

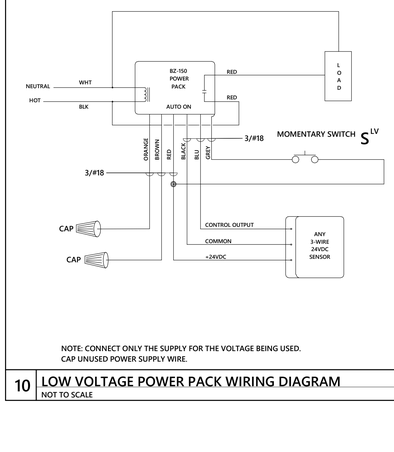
2 SINGLE POLE OCC. SENSOR SWITCH
NOT TO SCALE



NOTE:
DO NOT MOUNT POWER PACKS CLOSER THAN 6-12 INCHES FROM SENSOR. PROVIDE DOUBLE STACKED JUNCTION BOX FOR MAXIMUM VENTILATION OF POWER PACK. PROVIDE BLANK COVER. WHERE PERMITTED BY CODE AND AHJ, LEAVE (2) OPENINGS IN CONDUIT KNOCKOUT FOR VENTING OF POWER PACK. VERIFY WITH AHJ PRIOR TO KNOCKOUT REMOVAL.

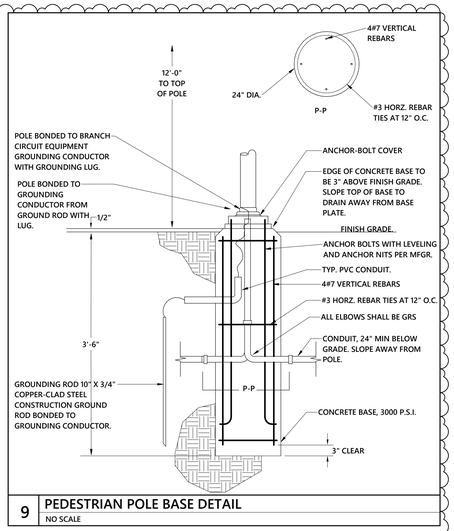
POWER PACK INSTALLED IN J-BOX

1 POWER PACK INSTALLATION
NOT TO SCALE

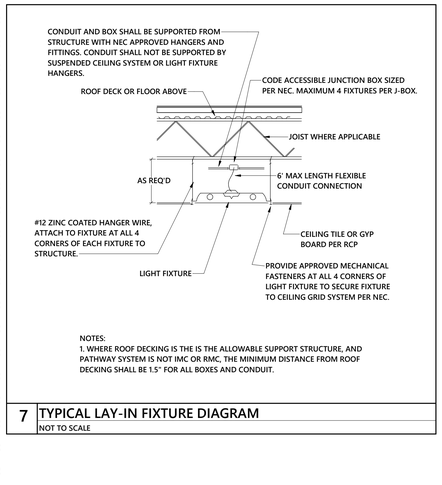


NOTE: CONNECT ONLY THE SUPPLY FOR THE VOLTAGE BEING USED.
CAP UNUSED POWER SUPPLY WIRE.

10 LOW VOLTAGE POWER PACK WIRING DIAGRAM
NOT TO SCALE

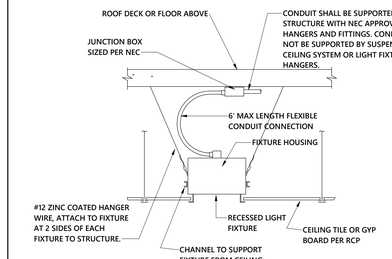


9 PEDESTRIAN POLE BASE DETAIL
NO SCALE



NOTES:
1. WHERE ROOF DECKING IS THE IS THE ALLOWABLE SUPPORT STRUCTURE, AND PATHWAY SYSTEM IS NOT IMC OR RMC, THE MINIMUM DISTANCE FROM ROOF DECKING SHALL BE 1.5" FOR ALL BOXES AND CONDUIT.

7 TYPICAL LAY-IN FIXTURE DIAGRAM
NOT TO SCALE



NOTES:
1. WHERE ROOF DECKING IS THE IS THE ALLOWABLE SUPPORT STRUCTURE, AND PATHWAY SYSTEM IS NOT IMC OR RMC, THE MINIMUM DISTANCE FROM ROOF DECKING SHALL BE 1.5" FOR ALL BOXES AND CONDUIT.

6 TYPICAL RECESSED DOWN LIGHT FIXTURE INSTALLATION DIAGRAM
NOT TO SCALE

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No.	Description	Date
1	ADDENDUM #1	11/19/2025

OPT PROJECT: 23-0084
LS3P PROJECT: 1201-217190
DATE: 10.31.2025

LIGHTING DETAILS

E-004

CONSTRUCTION DOCUMENTS

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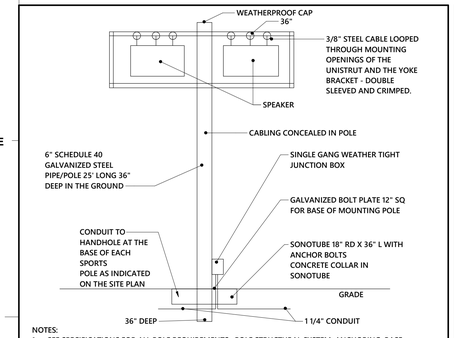
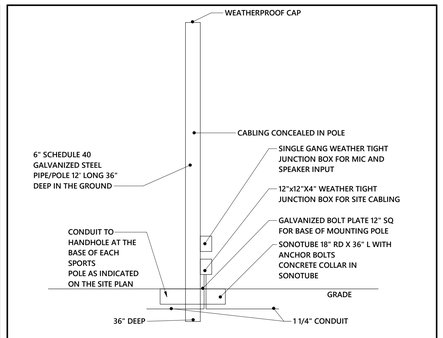


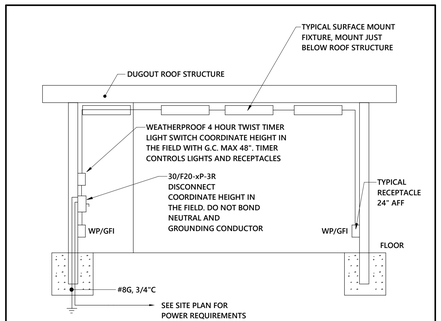
NOTES:
1. SEE SPECIFICATIONS FOR ALL POLE REQUIREMENTS. POLE STRUCTURAL SYSTEM, ANCHORING, BASE, STRUCTURAL ARMS, MOUNTING, AND INSTALLATION ARE PART OF THE EQUIPMENT.
2. UNISTRUT - 1 5/8" ALL JOINTS WELDED AND GALVANIZED. P-SERIES 12 GAUGE STEEL. BRACKET FOR SPEAKER SHALL HAVE A VERTICAL SUPPORT WELDED FROM TOP OF THE BRACKET TO THE BOTTOM OF THE BRACKET ON THE BOTTOM SIDE OF THE POLE.

4 STADIUM POLE SPEAKER - SOUND - DUAL
NO SCALE



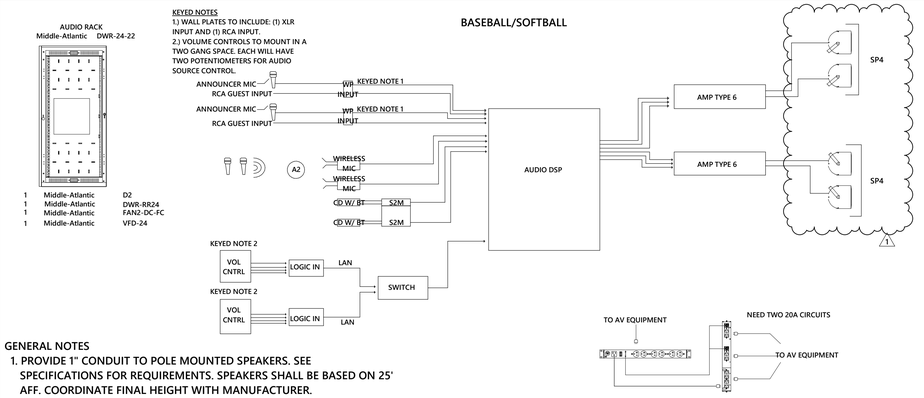
NOTES:
1. SEE SPECIFICATIONS FOR ALL POLE REQUIREMENTS. POLE STRUCTURAL SYSTEM, ANCHORING, BASE, STRUCTURAL ARMS, MOUNTING, AND INSTALLATION ARE PART OF THE EQUIPMENT.

3 STADIUM POLE - CENTER
NO SCALE



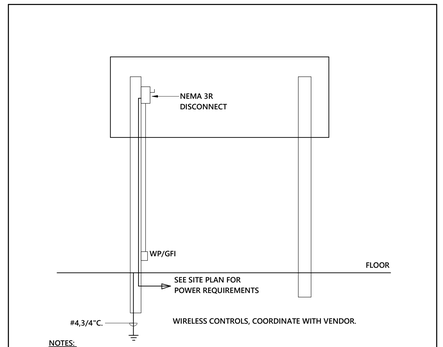
NOTES:
1. PROVIDE (1) GFCI/WP RECEPTACLE AT EACH END OF THE DUGOUT.
2. PROVIDE (2) SURFACE MOUNTED LED VANDAL PROOF TYPE VTL8, WEATHERPROOF FIXTURES.
3. SURFACE MOUNT CONDUIT, PAINT TO MATCH LOCAL AREA.

2 DUGOUT CONNECTIONS - EACH OCCURENCE
NO SCALE



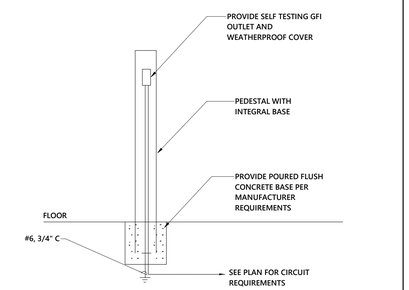
GENERAL NOTES
1. PROVIDE 1" CONDUIT TO POLE MOUNTED SPEAKERS. SEE SPECIFICATIONS FOR REQUIREMENTS. SPEAKERS SHALL BE BASED ON 25' AFF. COORDINATE FINAL HEIGHT WITH MANUFACTURER.

1 BASEBALL/SOFTBALL SOUND SYSTEMS
NO SCALE



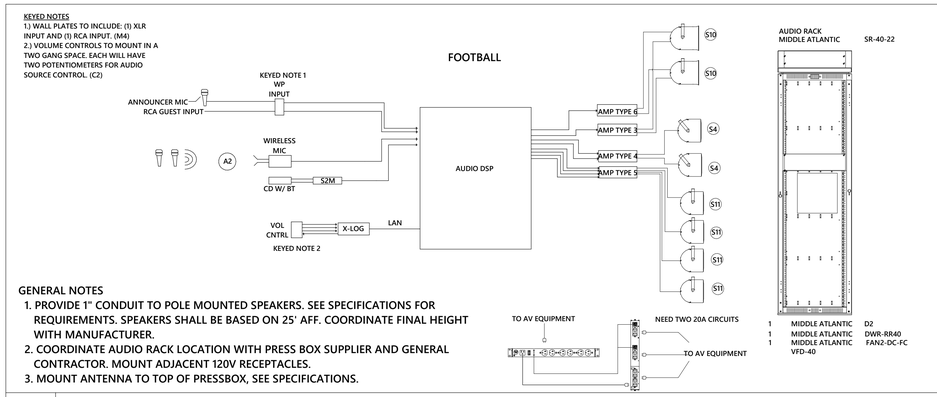
NOTES:
1. SCOREBOARD AND STRUCTURE PROVIDED BY ELECTRICAL CONTRACTOR, SEE SPECIFICATIONS FOR EXACT REQUIREMENTS.
2. CONCRETE BASE/STRUCTURE SHALL BE DESIGNED FOR 120 MPH WIND. STRUCTURE AND BASE SHALL BE THE SCOREBOARD MANUFACTURER.

7 SCOREBOARD AND STRUCTURE
NOT TO SCALE



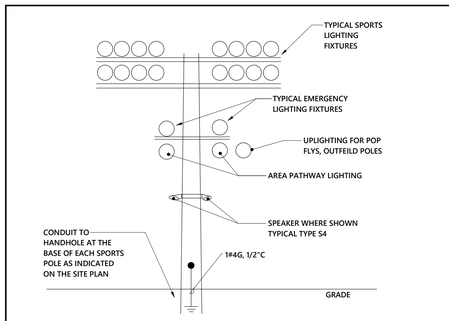
NOTES:
1. BASED ON PEDOC OUTLET BOX, INTEGRAL BASE AND PEDESTAL. APPROVE EQUALS SHALL BE UL LISTED.
2. STAINLESS STEEL WITH POWER COATING. NEMA 3R RATED. COLOR BASED ON GRAY, 30" HEIGHT.
3. DIMENSION BASED ON 30" HIGH, 5" WIDE AND 2.5" DEEP.

6 RECEPTACLE PEDESTAL
NO SCALE



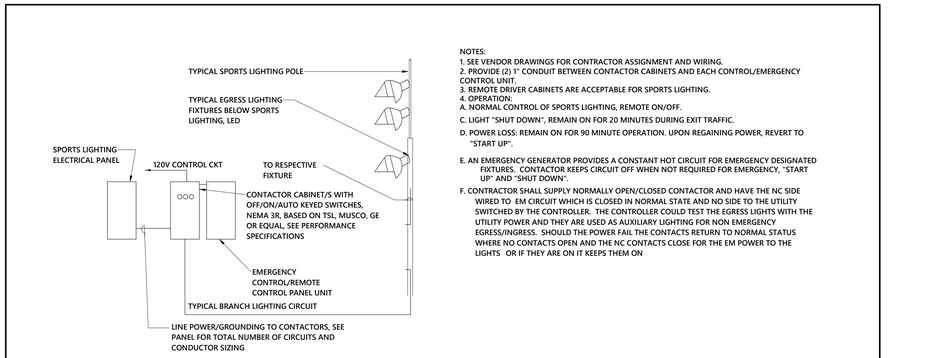
GENERAL NOTES
1. PROVIDE 1" CONDUIT TO POLE MOUNTED SPEAKERS. SEE SPECIFICATIONS FOR REQUIREMENTS. SPEAKERS SHALL BE BASED ON 25' AFF. COORDINATE FINAL HEIGHT WITH MANUFACTURER.
2. COORDINATE AUDIO RACK LOCATION WITH PRESS BOX SUPPLIER AND GENERAL CONTRACTOR. MOUNT ADJACENT 120V RECEPTACLES.
3. MOUNT ANTENNA TO TOP OF PRESSBOX, SEE SPECIFICATIONS.

5 STADIUM SOUND SYSTEM
NO SCALE



NOTES:
1. SEE SPECIFICATIONS FOR ALL POLE REQUIREMENTS. POLE STRUCTURAL SYSTEM, ANCHORING, BASE, STRUCTURAL ARMS, MOUNTING, AND INSTALLATION ARE PART OF THE MANUFACTURER EQUIPMENT.
2. SEE E010F AND SPECIFICATIONS FOR FIXTURE QUANTITIES, POLE HEIGHTS, SYSTEM REQUIREMENTS ETC.

10 SPORTS POLE
NO SCALE



NOTES:
1. SEE VENDOR DRAWINGS FOR CONTRACTOR ASSIGNMENT AND WIRING.
2. PROVIDE (2) 1" CONDUIT BETWEEN CONTACTOR CABINETS AND EACH CONTROL/EMERGENCY CONTROL UNIT.
3. REMOTE DRIVER CABINETS ARE ACCEPTABLE FOR SPORTS LIGHTING.
4. OPERATION:
A. NORMAL CONTROL OF SPORTS LIGHTING, REMOTE ON/OFF.
C. LIGHT "SHUT DOWN", REMAIN ON FOR 20 MINUTES DURING EXIT TRAFFIC.
D. POWER LOSS: REMAIN ON FOR 90 MINUTE OPERATION. UPON REGAINING POWER, REVERT TO "START UP".
E. AN EMERGENCY GENERATOR PROVIDES A CONSTANT HOT CIRCUIT FOR EMERGENCY DESIGNATED FIXTURES. CONTACTOR KEEPS CIRCUIT OFF WHEN NOT REQUIRED FOR EMERGENCY, "START UP" AND "SHUT DOWN".
F. CONTRACTOR SHALL SUPPLY NORMALLY OPEN/CLOSED CONTACTOR AND HAVE THE NC SIDE WIRED TO EM CIRCUIT WHICH IS CLOSED IN NORMAL STATE AND NO SIDE TO THE UTILITY SWITCHED BY THE CONTROLLER. THE CONTROLLER COULD TEST THE EGRESS LIGHTS WITH THE UTILITY POWER AND THEY ARE USED AS AUXILIARY LIGHTING FOR NON EMERGENCY EGRESS/INGRESS. SHOULD THE POWER FAIL THE CONTACTS RETURN TO NORMAL STATUS WHERE NO CONTACTS OPEN AND THE NC CONTACTS CLOSE FOR THE EM POWER TO THE LIGHTS OR IF THEY ARE ON IT KEEPS THEM ON

8 SPORTS LIGHTING CONTROL SYSTEM
NO SCALE

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OPT PROJECT: 23-0084
LS3P PROJECT: 1201-217190
DATE: 10.31.2025

ELECTRICAL DETAILS

E-005

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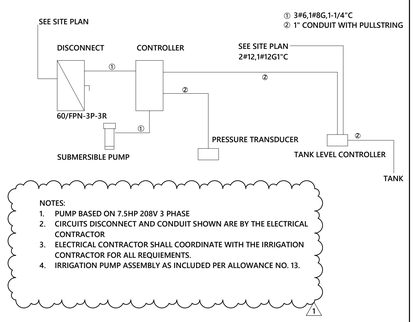
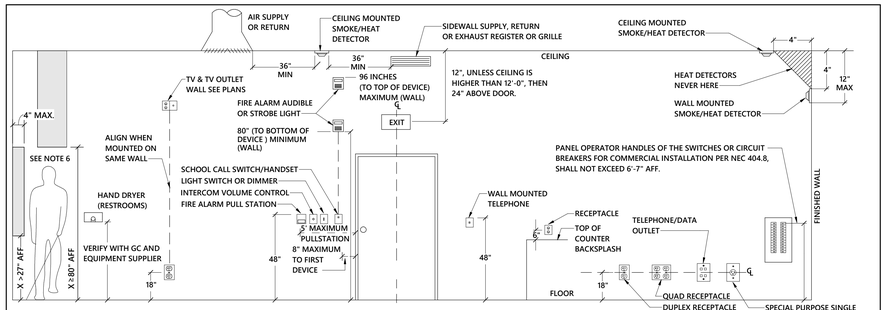
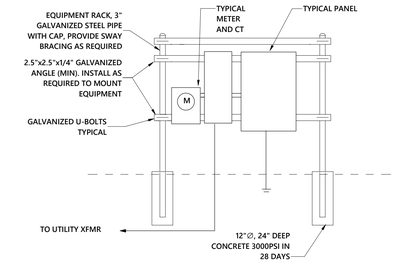


3 IRRIGATION PUMP ASSEMBLY
NO SCALE

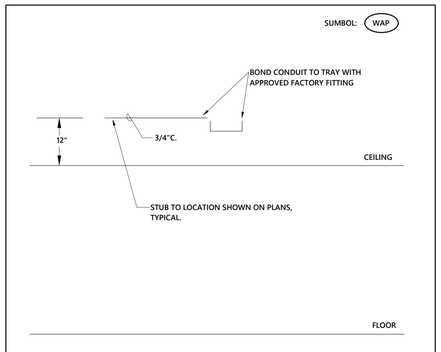


NOTES:
1. LOCATIONS WHERE TV MOUNT IS BACK TO BACK ON SAME WALL, AN OFFSET OF 8-12" WILL BE NEEDED FOR INSTALLATION OF JACK/RECEPTACLE.
2. DEVICES ABOVE COUNTER TOPS SHALL BE A MAXIMUM OF 48" TO TOP OF DEVICE.
3. DEVICES NEXT TO DOOR EXIT SHALL BE WITHIN 8" (MAXIMUM) TYPICAL OF DOOR UNLESS OBSTACLES SUCH AS SIDELITES, ETC.
4. DEVICES REQUIRED TO BE ADA ACCESSIBLE SHALL BE INSTALLED PER ANSI A117.1.
5. ALL METALLIC & NON-METALLIC, SWITCH AND RECEPTACLE BOXES INSTALLED IN FRAME WALLS SHALL INCLUDE APPROVED FIRESTOP PUTTY PADS APPPLIED ON THE BACK AND ALL SIDES OF BOX NOT TOUCHING THE WOOD STUD.

2 MOUNTING HEIGHTS OF DEVICES - ELEVATION
NOT TO SCALE

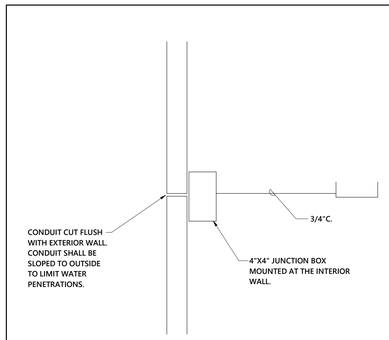


1 RISER RACK DETAIL
NOT TO SCALE



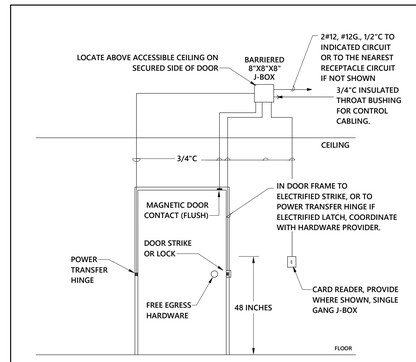
NOTES:
1. NO OPEN JUNCTION BOXES WILL BE PERMITTED.
2. THIS DETAIL IS FOR DEVICE LOCATIONS NOT DIRECTLY NEXT TO A CABLE TRAY.

7 WIRELESS AP OUTLET PATHWAYS
NOT TO SCALE



NOTES:
1. ALL EXTERIOR CAMERA LOCATIONS SHALL BE INSTALLED AS SHOWN IN THE ABOVE DETAIL

6 EXTERIOR CAMERA BOX DETAIL
NOT TO SCALE



5 CARD READER/DOOR ACCESS
NO SCALE

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HAMPTON COUNTY HIGH SCHOOL - PHASE 2

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DATE: 10.31.2025

ELECTRICAL DETAILS

E-006

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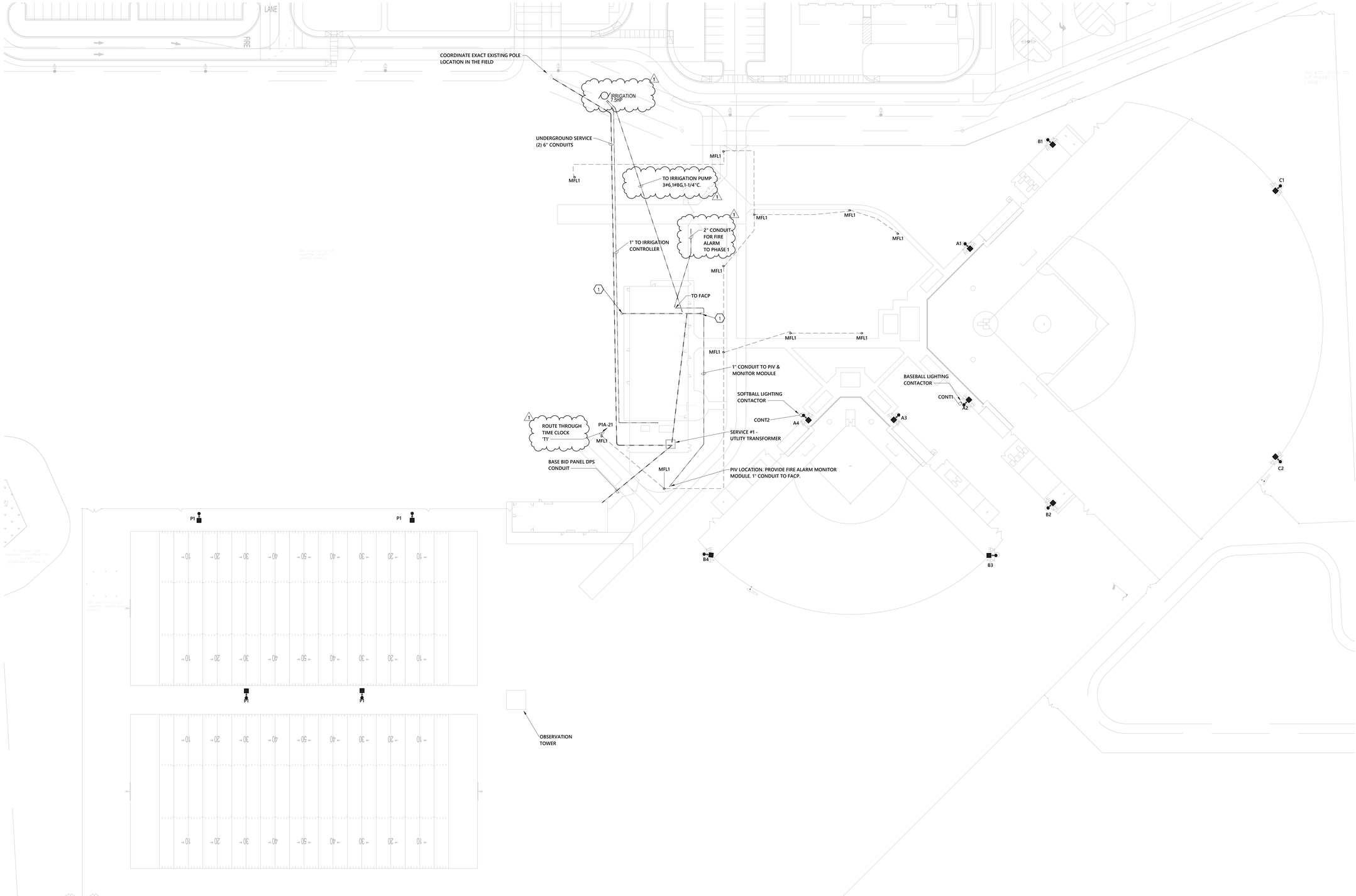

1 ELECTRICAL SITE PLAN (BASE BID)

1" = 40'-0"

GENERAL NOTE: ALL BRANCH CIRCUIT AND FEEDERS SHALL BE ROUTED OUTSIDE OF THE RESPECTIVE SPORTS FIELDS.

1. 3'x3 INGROUND QUAZITE TRAFFIC RATED BOX. STUB CONDUITS INTO BOX FOR FUTURE WORK.
   (3) 3" ROUTED TO MSB1
   (3) 2' ROUTED TO P1A
   (4) 3" STUBBED A.F.F. FOR DATA (ELEC LS 106B)
   (2) 4" SPARE
   (2) 1" SPARE

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ELECTRICAL SITE PLAN (BASE BID)

E-050

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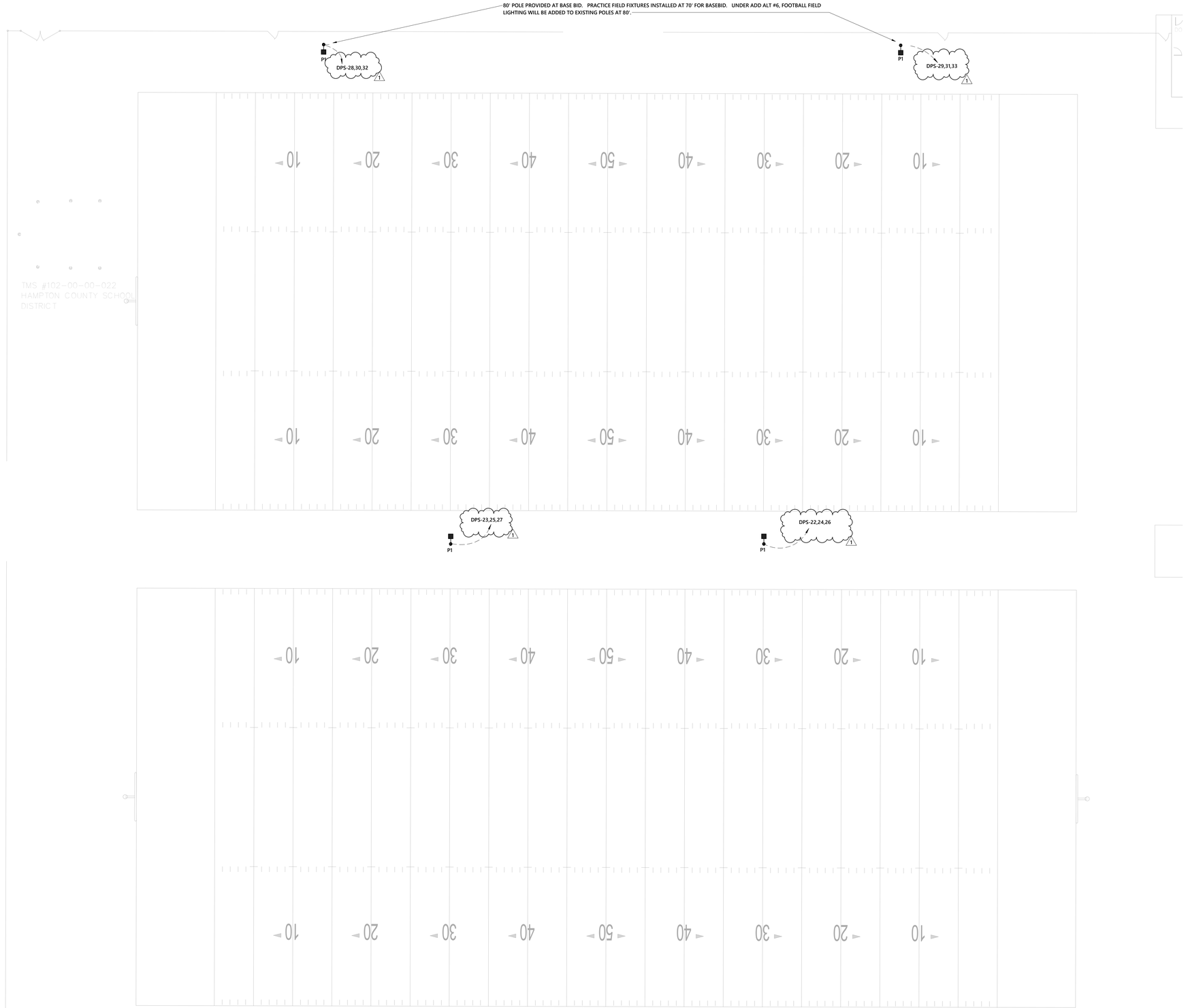

1 ELECTRICAL SITE PLAN - OVERALL - PRACTICE FIELDS

1/16" = 1'-0"

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ELECTRICAL PRACTICE FIELDS (BASE BID)

E-101

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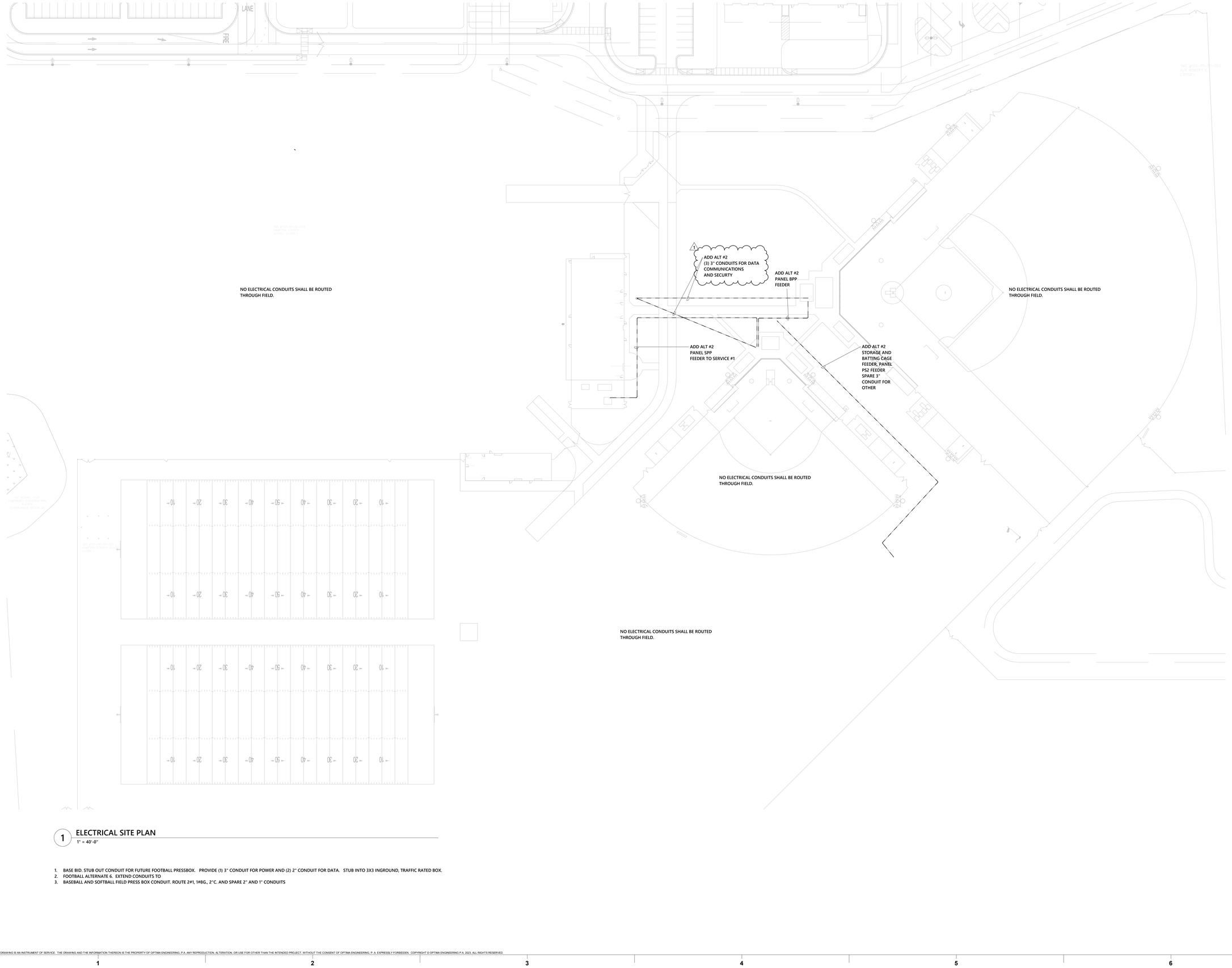

1 ELECTRICAL SITE PLAN

1" = 40'-0"

1. BASE BID. STUB OUT CONDUIT FOR FUTURE FOOTBALL PRESSBOX. PROVIDE (1) 3" CONDUIT FOR POWER AND (2) 2" CONDUIT FOR DATA. STUB INTO 3X3 INGROUND, TRAFFIC RATED BOX.
2. FOOTBALL ALTERNATE 6. EXTEND CONDUITS TO
3. BASEBALL AND SOFTBALL FIELD PRESS BOX CONDUIT. ROUTE 2#1, 1#8G,, 2"C. AND SPARE 2" AND 1" CONDUITS

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ELECTRICAL SITE PLAN (ADD ALT #2)

E-120

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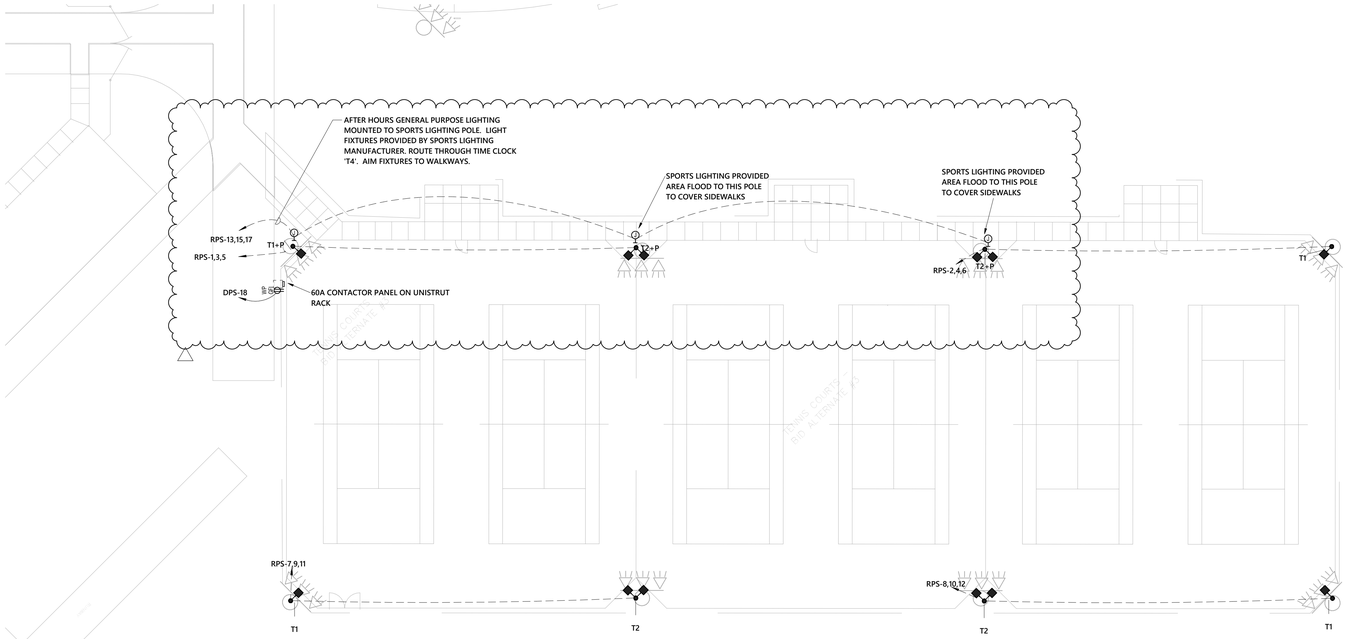

1 TENNIS COURT ELECTRICAL PLANS - ADD ALT #3

1" = 20'-0"

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ELECTRICAL SITE PLAN - TENNIS COURTS (ADD ALT #3)

E-130

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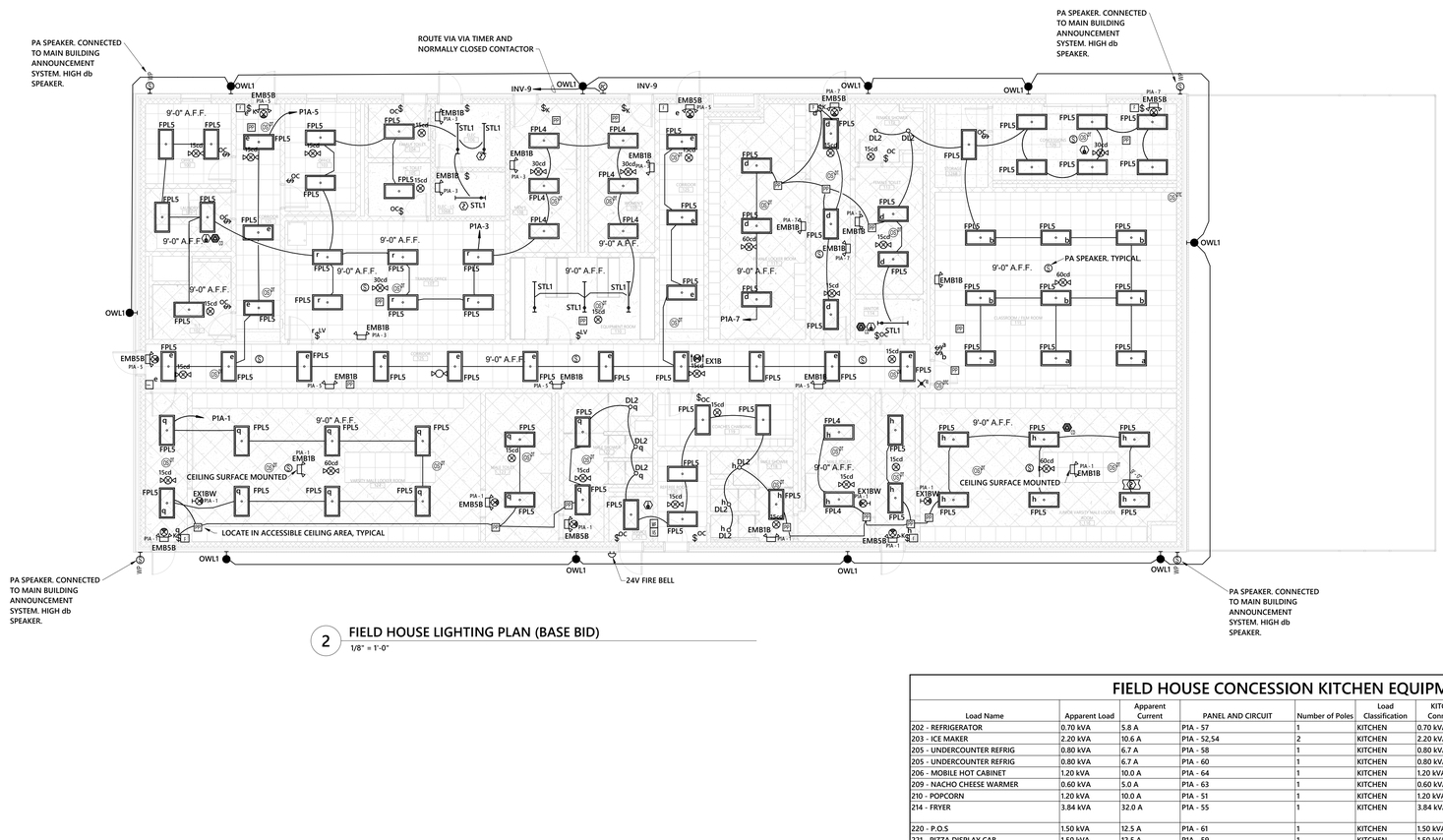


2 FIELD HOUSE LIGHTING PLAN (BASE BID)
1/8" = 1'-0"

GENERAL NOTES - POWER

A.	WHERE CONNECTED TO A 20A. BRANCH CIRCUIT SUPPLYING AN INDIVIDUAL RECEPTACLE (SIMPLEX OR DUPLEX), THE RECEPTACLE SHALL BE RATED AT 20A.
B.	PROVIDE HOUSEKEEPING PADS FOR ALL FLOOR MOUNTED AND GRADE MOUNTED ELECTRICAL EQUIPMENT. MINIMUM REQUIREMENTS: 4" HIGH, 4% AIR ENTRAINED, POLYFIBER REINFORCED CONCRETE, 4" WIDER AND 4" LONGER THAN EQUIPMENT TO BE PLACED ON IT. REFER TO ELECTRICAL DETAIL DRAWINGS FOR TRANSFORMER, GENERATOR, OR SWITCHGEAR PADS THAT MAY EXCEED THESE REQUIREMENTS.
C.	REFER TO SECTION 26 0519 FOR MINIMUM CONDUCTOR SIZE ADJUSTMENTS FOR VOLTAGE DROP.
D.	COORDINATE ALL DEVICE PLACEMENT WITH ARCHITECTURAL CASEWORK PLANS.
E.	ALL DEVICES SHALL BE FLUSH MOUNTED, UNLESS NOTED OTHERWISE, WITH NO EXPOSED CONDUIT.

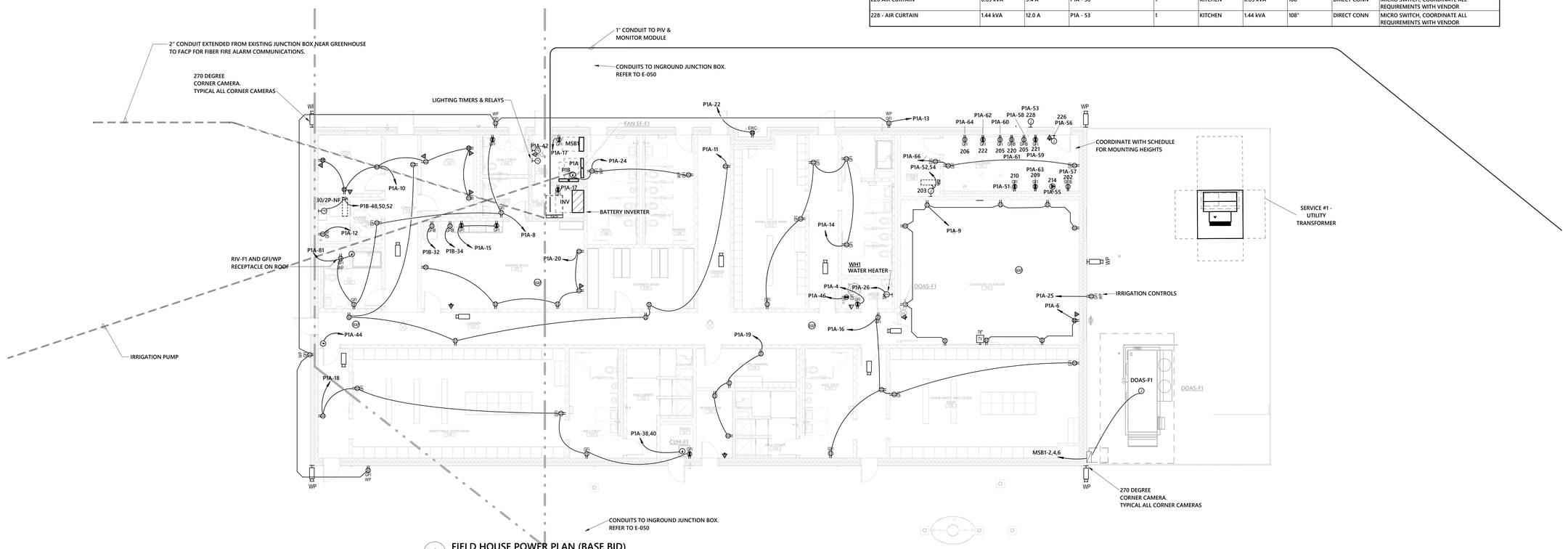
GENERAL NOTES - LIGHTING

A.	ALL RECESSED LIGHTING FIXTURES IN LAY-IN CEILINGS SHALL BE INSTALLED WITH 6' LONG FLEXIBLE METAL CONDUIT.
B.	ALL MOUNTING HEIGHTS FOR LIGHTING FIXTURES ARE TO THE BOTTOM OF THE FIXTURES UNLESS INDICATED OTHERWISE.
C.	SEE ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGHTS OF EXTERIOR LIGHTING FIXTURES.
D.	REFER TO SECTION 26 0519 FOR MINIMUM CONDUCTOR SIZE ADJUSTMENTS FOR VOLTAGE DROP.
E.	ALL LOW VOLTAGE SWITCHES IN THE CORRIDOR TO CONTROL LOCAL CORRIDOR CIRCUIT VIA LIGHTING CONTROL PANEL RELAY.
F.	CONNECT ALL EXIT SIGNS AND EMERGENCY FIXTURES AHEAD OF SWITCHING. CONNECT TO LOCAL CIRCUIT.
G.	ALL LOW VOLTAGE SWITCHES IN THE CORRIDOR TO CONTROL LOCAL CORRIDOR CIRCUIT VIA LIGHTING CONTROL PANEL RELAY.

REVIEW ALL ITEMS UNDER ADDENDUM 1
1

FIELD HOUSE CONCESSION KITCHEN EQUIPMENT SCHEDULE

Load Name	Apparent Load	Apparent Current	PANEL AND CIRCUIT	Number of Poles	Load Classification	KITCHEN Connected	MOUNTING HEIGHT	NEMA RECEPTACLE	Comments
202 - REFRIGERATOR	0.70 kVA	5.8 A	P1A - 57	1	KITCHEN	0.70 kVA	24"	5-20R	
203 - ICE MAKER	2.20 kVA	10.6 A	P1A - 52,54	2	KITCHEN	2.20 kVA	66"	DIRECT CONN	
205 - UNDERCOUNTER REFRIG	0.80 kVA	6.7 A	P1A - 58	1	KITCHEN	0.80 kVA	24"	5-20R	
205 - UNDERCOUNTER REFRIG	0.80 kVA	6.7 A	P1A - 60	1	KITCHEN	0.80 kVA	24"	5-20R	
206 - MOBILE HOT CABINET	1.20 kVA	10.0 A	P1A - 64	1	KITCHEN	1.20 kVA	66"	5-20R	
209 - NACHO CHEESE WARMER	0.60 kVA	5.0 A	P1A - 63	1	KITCHEN	0.60 kVA	50"	5-20R	
210 - POPCORN	1.20 kVA	10.0 A	P1A - 51	1	KITCHEN	1.20 kVA	50"	5-20R	
214 - FRYER	3.84 kVA	32.0 A	P1A - 55	1	KITCHEN	3.84 kVA	50"	5-50R	COORDINATE PLUG TYPE AND BREAKER WITH VENDOR
220 - P.O.S	1.50 kVA	12.5 A	P1A - 61	1	KITCHEN	1.50 kVA	50"	5-20R	
221 - PIZZA DISPLAY CAB	1.50 kVA	12.5 A	P1A - 59	1	KITCHEN	1.50 kVA	50"	5-20R	
222 - POPCORN MACHINE	1.20 kVA	10.0 A	P1A - 62	1	KITCHEN	1.20 kVA	50"	5-20R	
226 AIR CURTAIN	0.65 kVA	5.4 A	P1A - 56	1	KITCHEN	0.65 kVA	108"	DIRECT CONN	MICRO SWITCH, COORDINATE ALL REQUIREMENTS WITH VENDOR
228 - AIR CURTAIN	1.44 kVA	12.0 A	P1A - 53	1	KITCHEN	1.44 kVA	108"	DIRECT CONN	MICRO SWITCH, COORDINATE ALL REQUIREMENTS WITH VENDOR



1 FIELD HOUSE POWER PLAN (BASE BID)
1/8" = 1'-0"

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No.	Description	Date
1	ADDENDUM #1	11/19/2025

OPT PROJECT: 23-0084
LS3P PROJECT: 1201-217190
DATE: 10.31.2025

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

POWER PLAN - FIELD HOUSE (BASE BID)

E-201

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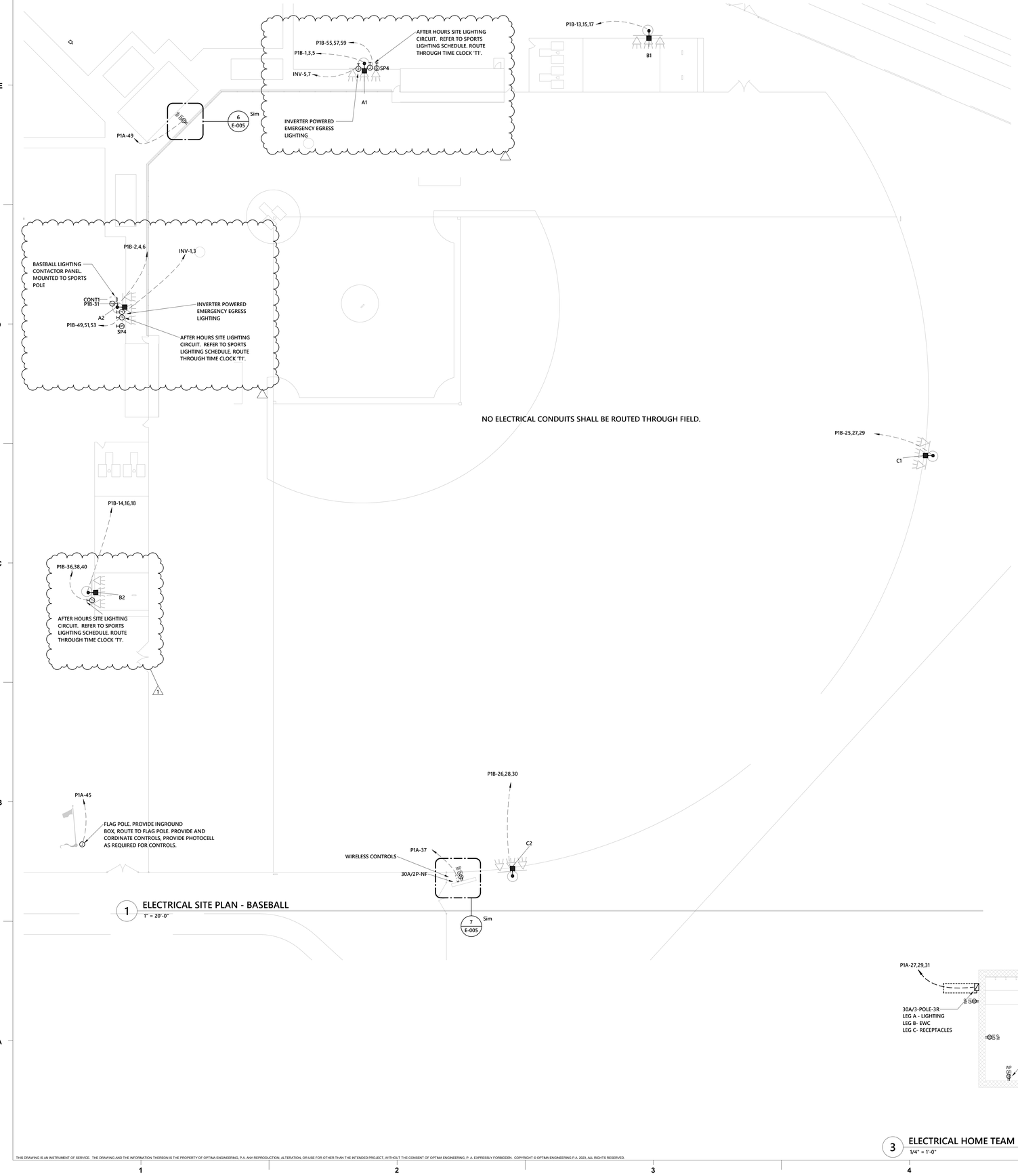

1 ELECTRICAL SITE PLAN - BASEBALL
1" = 20'-0"

2 ELECTRICAL AWAY TEAM DUGOUT PLAN
1/4" = 1'-0"

3 ELECTRICAL HOME TEAM DUGOUT PLAN
1/4" = 1'-0"

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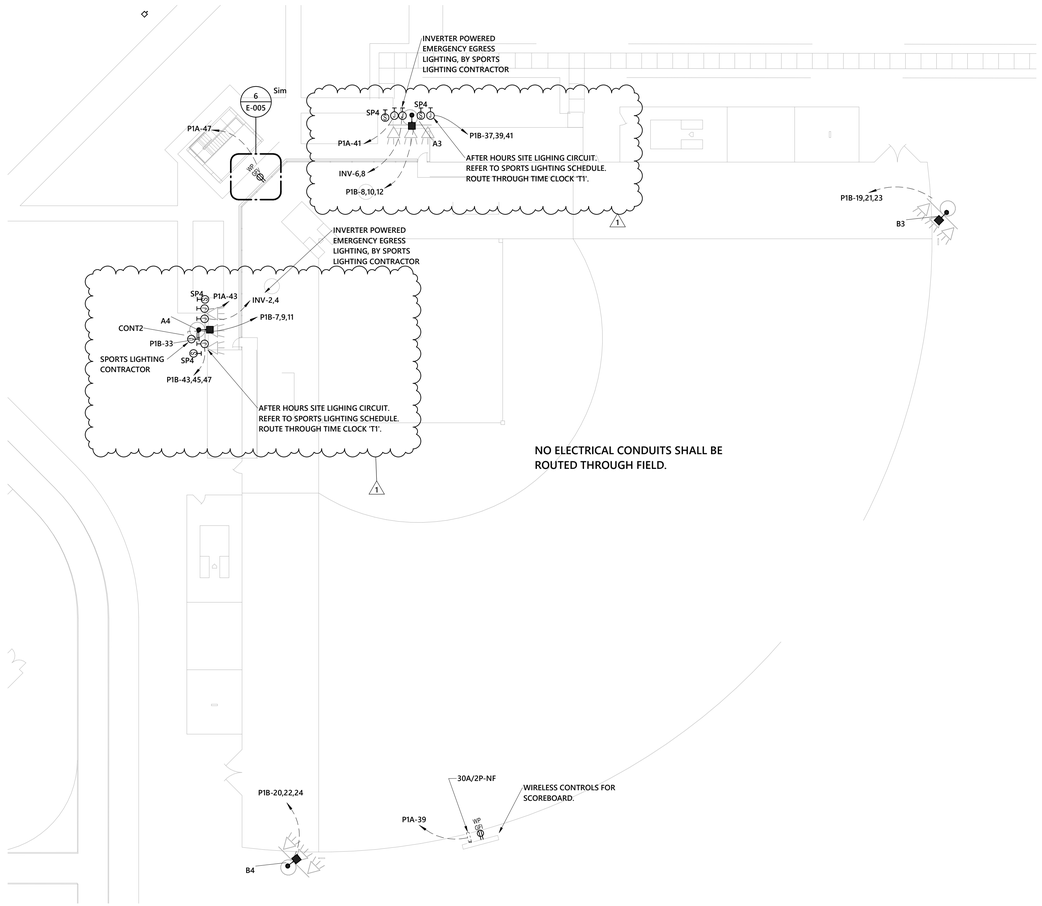
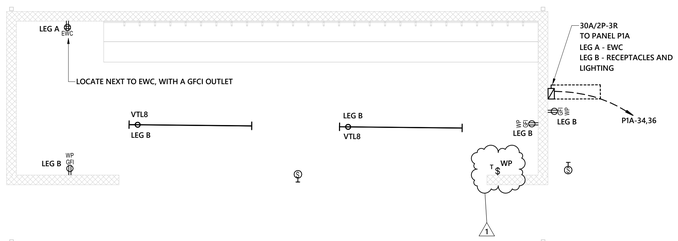
POWER PLAN - BASEBALL FIELD (BASE BID)

E-202

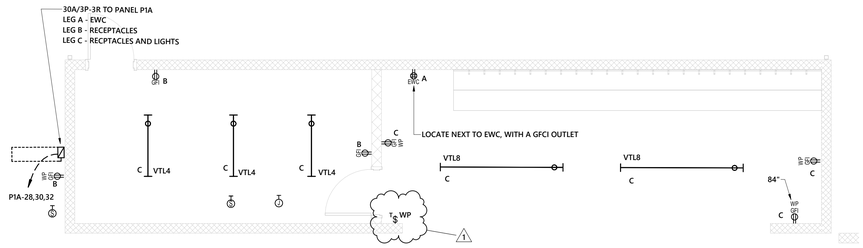
CONSTRUCTION DOCUMENTS



1 ELECTRICAL SITE PLAN - SOFT BALL
1" = 20'-0"



2 SOFTBALL AWAY TEAM ELECTRICAL PLANS
1/4" = 1'-0"



3 SOFTBALL HOME TEAM ELECTRICAL PLANS
1/4" = 1'-0"

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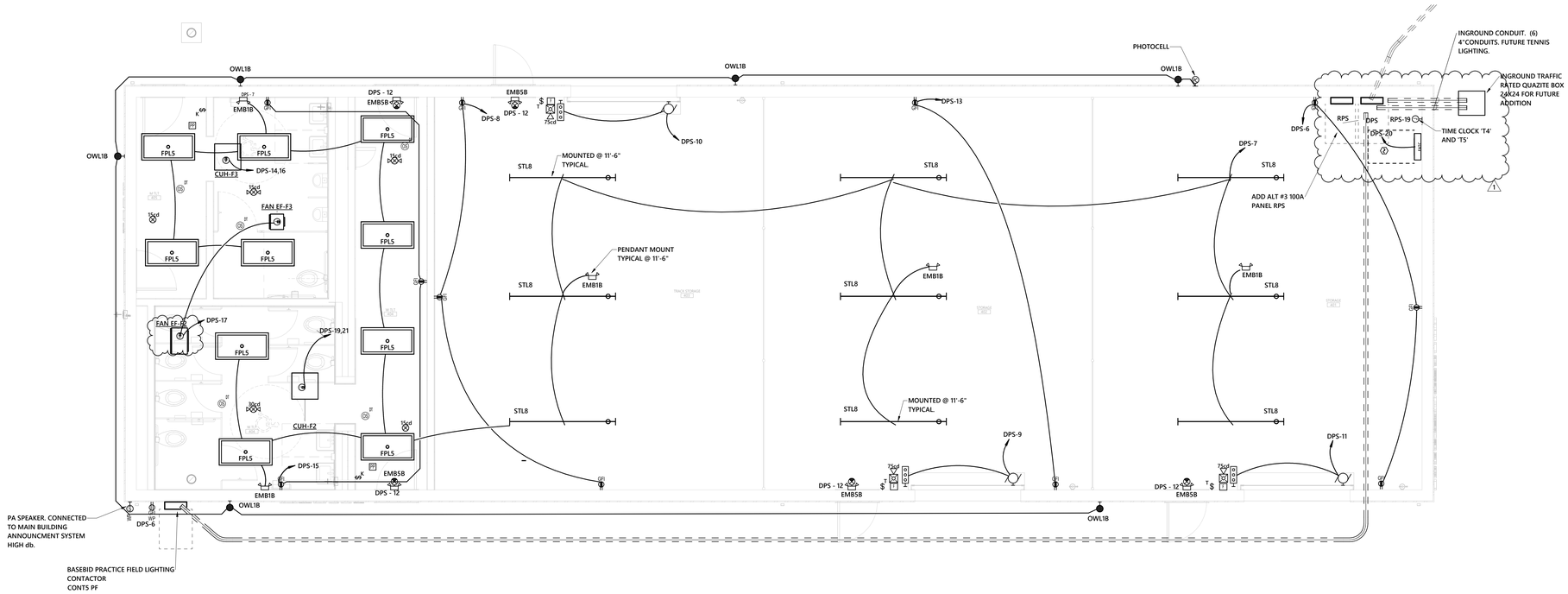
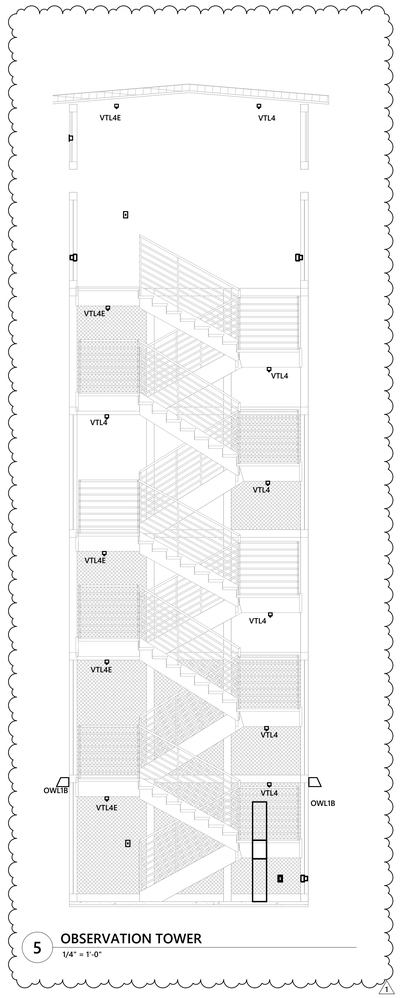
POWER PLAN - SOFTBALL FIELD (BASE BID)

E-203

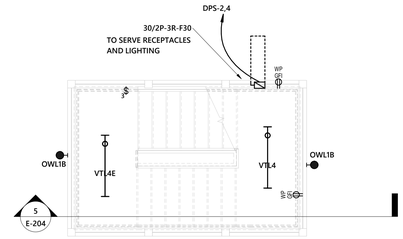
CONSTRUCTION DOCUMENTS



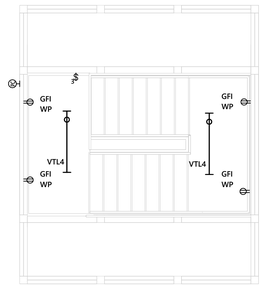
1 ELECTRICAL STORAGE BUILDING 1 (BASE BID)
1/4" = 1'-0"



5 OBSERVATION TOWER
1/4" = 1'-0"



2 ELECTRICAL GROUND LEVEL OBSERVATION TOWER (BASE BID)
1/4" = 1'-0"



COORDINATE WITH OWNER. BID 2 CIRCUITS ROUTED TO UPPER LEVEL, 4 RECEPTACLES AT UPPER LEVEL, 2 RECEPTACLES AT LOWER LEVEL AND LIGHT FIXTURES SHOWN. COORDINATE WITH OWNER FOR EXACT LOCATIONS FOR RECEPTACLES THAT MAY POWER SECURITY, CAMERAS, GEN RECEPTACLE POWER, SPEAKER AND/OR LIGHTING.

3 ELECTRICAL UPPER LEVEL OBSERVATION TOWER (BASE BID)
1/4" = 1'-0"

GENERAL NOTES - POWER

A.	WHERE CONNECTED TO A 20A, BRANCH CIRCUIT SUPPLYING AN INDIVIDUAL RECEPTACLE (SIMPLEX OR DUPLEX), THE RECEPTACLE SHALL BE RATED AT 20A.
B.	PROVIDE HOUSEKEEPING PADS FOR ALL FLOOR MOUNTED AND GRADE MOUNTED ELECTRICAL EQUIPMENT. MINIMUM REQUIREMENTS: 4" HIGH, 4% AIR ENTRAINED, POLYFIBER REINFORCED CONCRETE, 4" WIDER AND 4" LONGER THAN EQUIPMENT TO BE PLACED ON IT. REFER TO ELECTRICAL DETAIL DRAWINGS FOR TRANSFORMER, GENERATOR, OR SWITCHGEAR PADS THAT MAY EXCEED THESE REQUIREMENTS.
C.	REFER TO SECTION 26 0519 FOR MINIMUM CONDUCTOR SIZE ADJUSTMENTS FOR VOLTAGE DROP.
D.	COORDINATE ALL DEVICE PLACEMENT WITH ARCHITECTURAL CASEWORK PLANS.
E.	ALL DEVICES SHALL BE FLUSH MOUNTED, UNLESS NOTED OTHERWISE, WITH NO EXPOSED CONDUIT.

GENERAL NOTES - LIGHTING

A.	ALL RECESSED LIGHTING FIXTURES IN LAY-IN CEILINGS SHALL BE INSTALLED WITH 6' LONG FLEXIBLE METAL CONDUIT.
B.	ALL MOUNTING HEIGHTS FOR LIGHTING FIXTURES ARE TO THE BOTTOM OF THE FIXTURES UNLESS INDICATED OTHERWISE.
C.	SEE ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGHTS OF EXTERIOR LIGHTING FIXTURES.
D.	REFER TO SECTION 26 0519 FOR MINIMUM CONDUCTOR SIZE ADJUSTMENTS FOR VOLTAGE DROP.
E.	ALL LOW VOLTAGE SWITCHES IN THE CORRIDOR TO CONTROL LOCAL CORRIDOR CIRCUIT VIA LIGHTING CONTROL PANEL RELAY.
F.	CONNECT ALL EXIT SIGNS AND EMERGENCY FIXTURES AHEAD OF SWITCHING. CONNECT TO LOCAL CIRCUIT.
G.	ALL LOW VOLTAGE SWITCHES IN THE CORRIDOR TO CONTROL LOCAL CORRIDOR CIRCUIT VIA LIGHTING CONTROL PANEL RELAY.

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DATE: 10.31.2025

POWER PLAN - RESTROOM & STORAGE MAINTENANCE (BASE BID)

E-204

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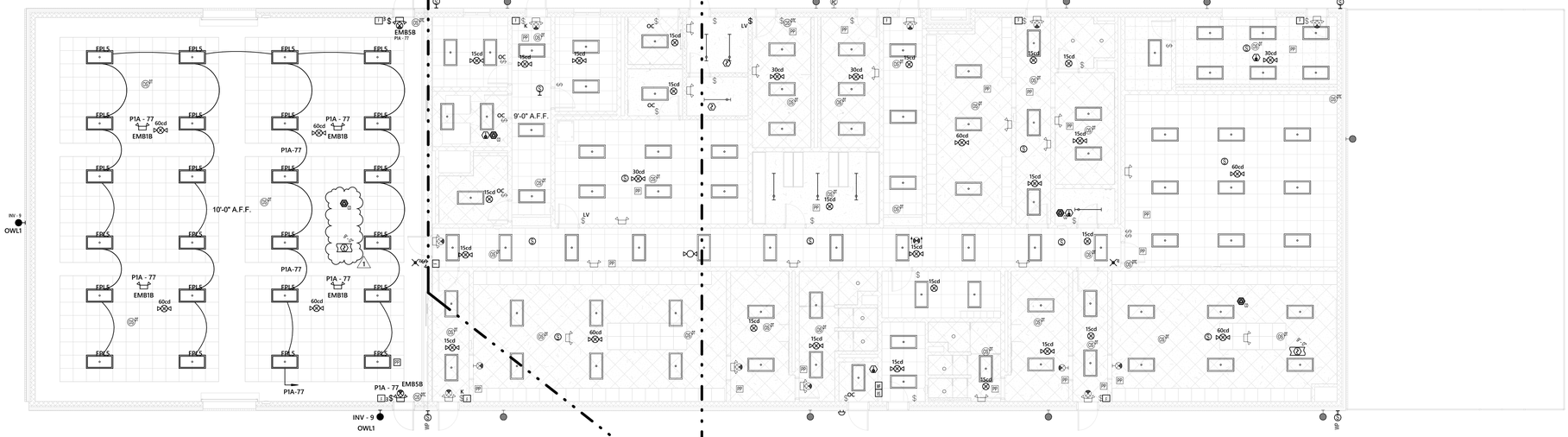
GENERAL NOTES - POWER

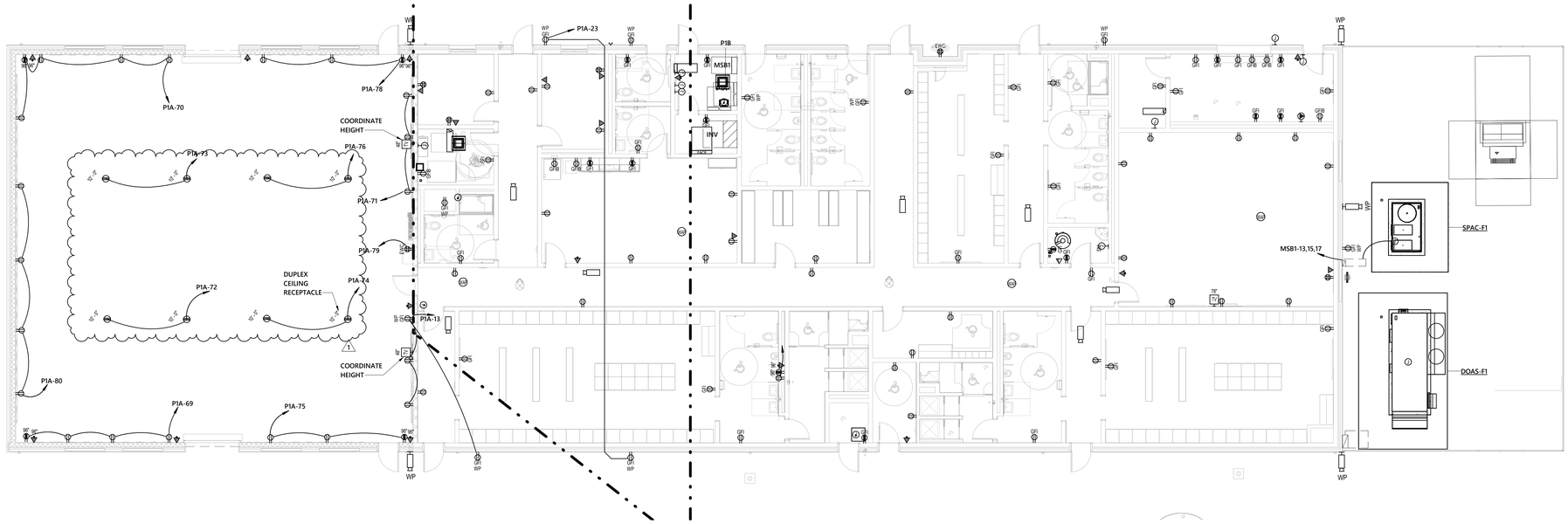
A.	WHERE CONNECTED TO A 20A. BRANCH CIRCUIT SUPPLYING AN INDIVIDUAL RECEPTACLE (SIMPLEX OR DUPLEX), THE RECEPTACLE SHALL BE RATED AT 20A.
B.	PROVIDE HOUSEKEEPING PADS FOR ALL FLOOR MOUNTED AND GRADE MOUNTED ELECTRICAL EQUIPMENT. MINIMUM REQUIREMENTS: 4" HIGH, 4% AIR ENTRAINED, POLYFIBER REINFORCED CONCRETE, 4" WIDER AND 4" LONGER THAN EQUIPMENT TO BE PLACED ON IT. REFER TO ELECTRICAL DETAIL DRAWINGS FOR TRANSFORMER, GENERATOR, OR SWITCHGEAR PADS THAT MAY EXCEED THESE REQUIREMENTS.
C.	REFER TO SECTION 26 0519 FOR MINIMUM CONDUCTOR SIZE ADJUSTMENTS FOR VOLTAGE DROP.
D.	COORDINATE ALL DEVICE PLACEMENT WITH ARCHITECTURAL CASEWORK PLANS.
E.	ALL DEVICES SHALL BE FLUSH MOUNTED, UNLESS NOTED OTHERWISE, WITH NO EXPOSED CONDUIT.

GENERAL NOTES - LIGHTING

A.	ALL RECESSED LIGHTING FIXTURES IN LAY-IN CEILINGS SHALL BE INSTALLED WITH 6' LONG FLEXIBLE METAL CONDUIT.
B.	ALL MOUNTING HEIGHTS FOR LIGHTING FIXTURES ARE TO THE BOTTOM OF THE FIXTURES UNLESS INDICATED OTHERWISE.
C.	SEE ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGHTS OF EXTERIOR LIGHTING FIXTURES.
D.	REFER TO SECTION 26 0519 FOR MINIMUM CONDUCTOR SIZE ADJUSTMENTS FOR VOLTAGE DROP.
E.	ALL LOW VOLTAGE SWITCHES IN THE CORRIDOR TO CONTROL LOCAL CORRIDOR CIRCUIT VIA LIGHTING CONTROL PANEL RELAY.
F.	CONNECT ALL EXIT SIGNS AND EMERGENCY FIXTURES AHEAD OF SWITCHING. CONNECT TO LOCAL CIRCUIT.
G.	ALL LOW VOLTAGE SWITCHES IN THE CORRIDOR TO CONTROL LOCAL CORRIDOR CIRCUIT VIA LIGHTING CONTROL PANEL RELAY.



2 FIELD HOUSE LIGHTING PLAN - WEIGHT ROOM (ADD ALT #1)
1/8" = 1'-0"



1 FIELD HOUSE ELECTRICAL PLAN - WEIGHTROOM (ADD ALT #1)
1/8" = 1'-0"

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DATE: 10.31.2025

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POWER PLAN - WEIGHT ROOM (ADD ALT 1)

E-211

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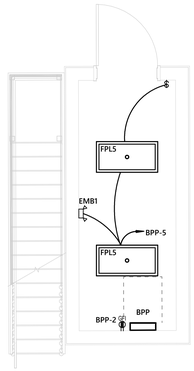
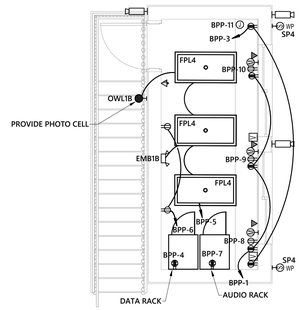
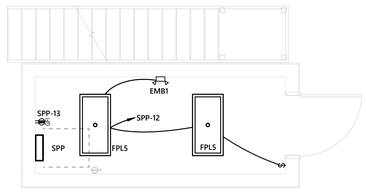


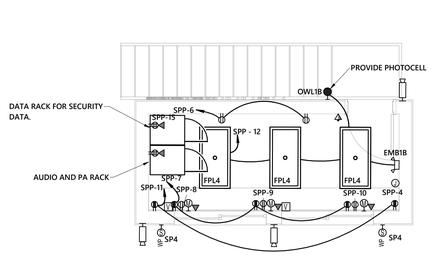
1 ELECTRICAL BASEBALL PRESS BOX - FIRST FLOOR (ADD ALT #2)
1/4" = 1'-0"



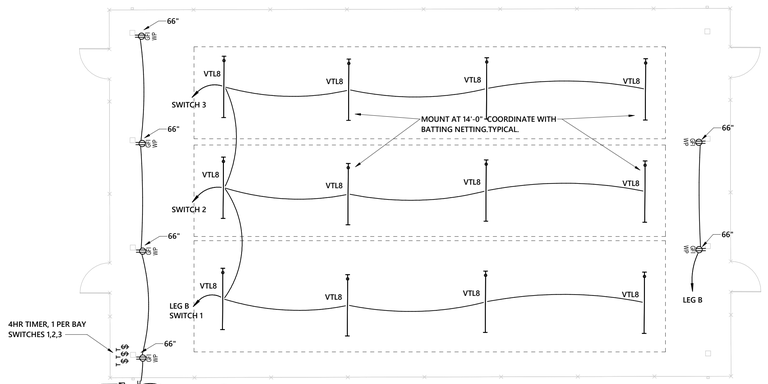
2 ELECTRICAL BASEBALL PRESS BOX - SECOND FLOOR (ADD ALT #2)
1/4" = 1'-0"



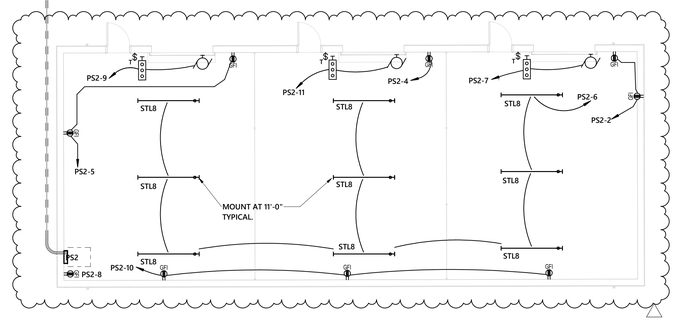
4 ELECTRICAL SOFTBALL PRESS BOX - FIRST FLOOR (ADD ALT #2)
1/4" = 1'-0"



5 ELECTRICAL SOFTBALL PRESS BOX - SECOND FLOOR (ADD ALT #2)
1/4" = 1'-0"



7 ELECTRICAL BATTING CAGES (ADD ALT#2)
1/8" = 1'-0"



8 ELECTRICAL STORAGE BUILDING 2 (ADD ALT#2)
1/8" = 1'-0"

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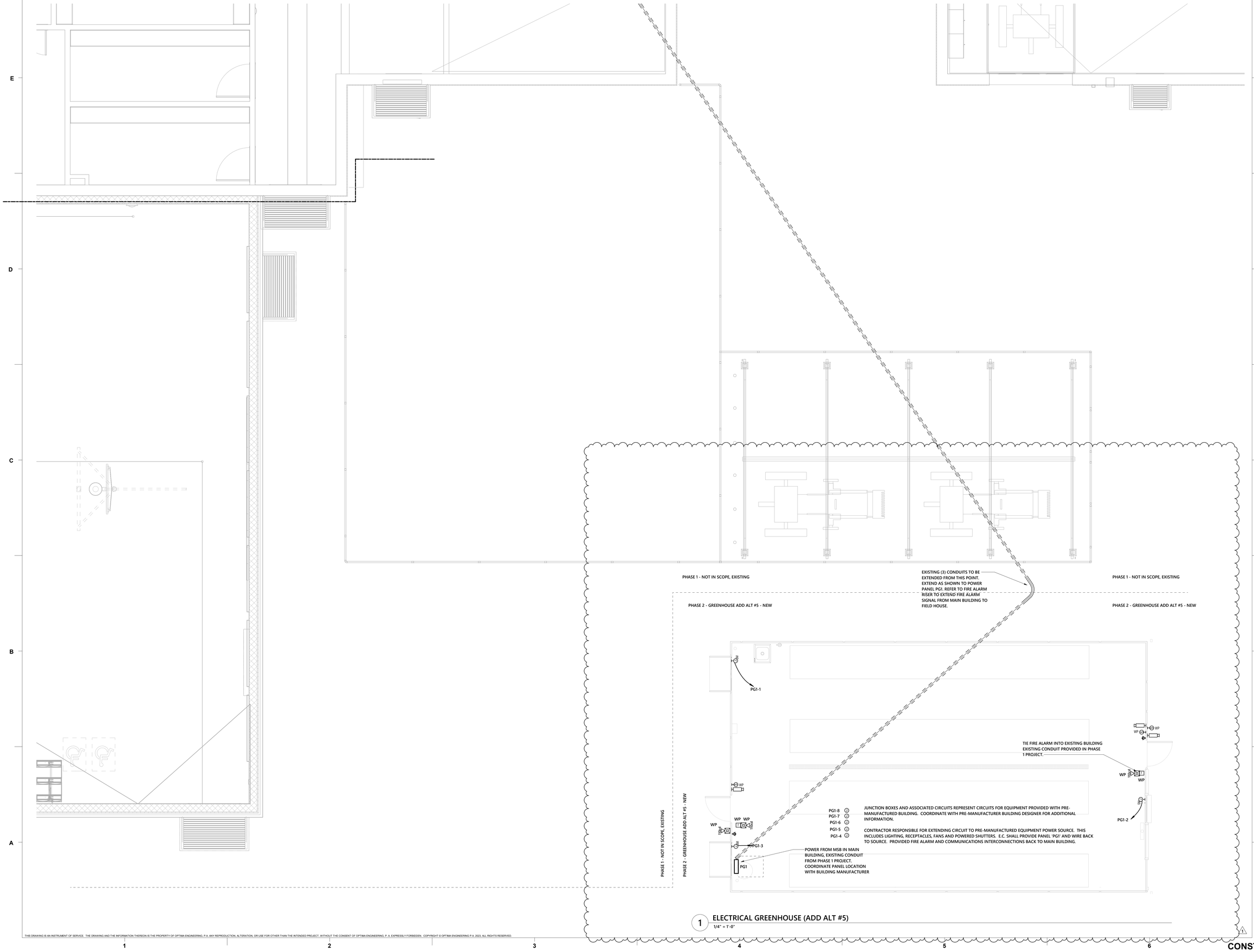
OPT PROJECT: 23-0084
LS3P PROJECT: 1201-217190
DATE: 10.31.2025

POWER PLAN - BASEBALL AND SOFTBALL FIELD ACCESSORY BUILDINGS (ADD ALT #2)

E-220

CONSTRUCTION DOCUMENTS



1 ELECTRICAL GREENHOUSE (ADD ALT #5)
1/4" = 1'-0"

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POWER PLAN - GREENHOUSE (ADD ALT #5)

E-251

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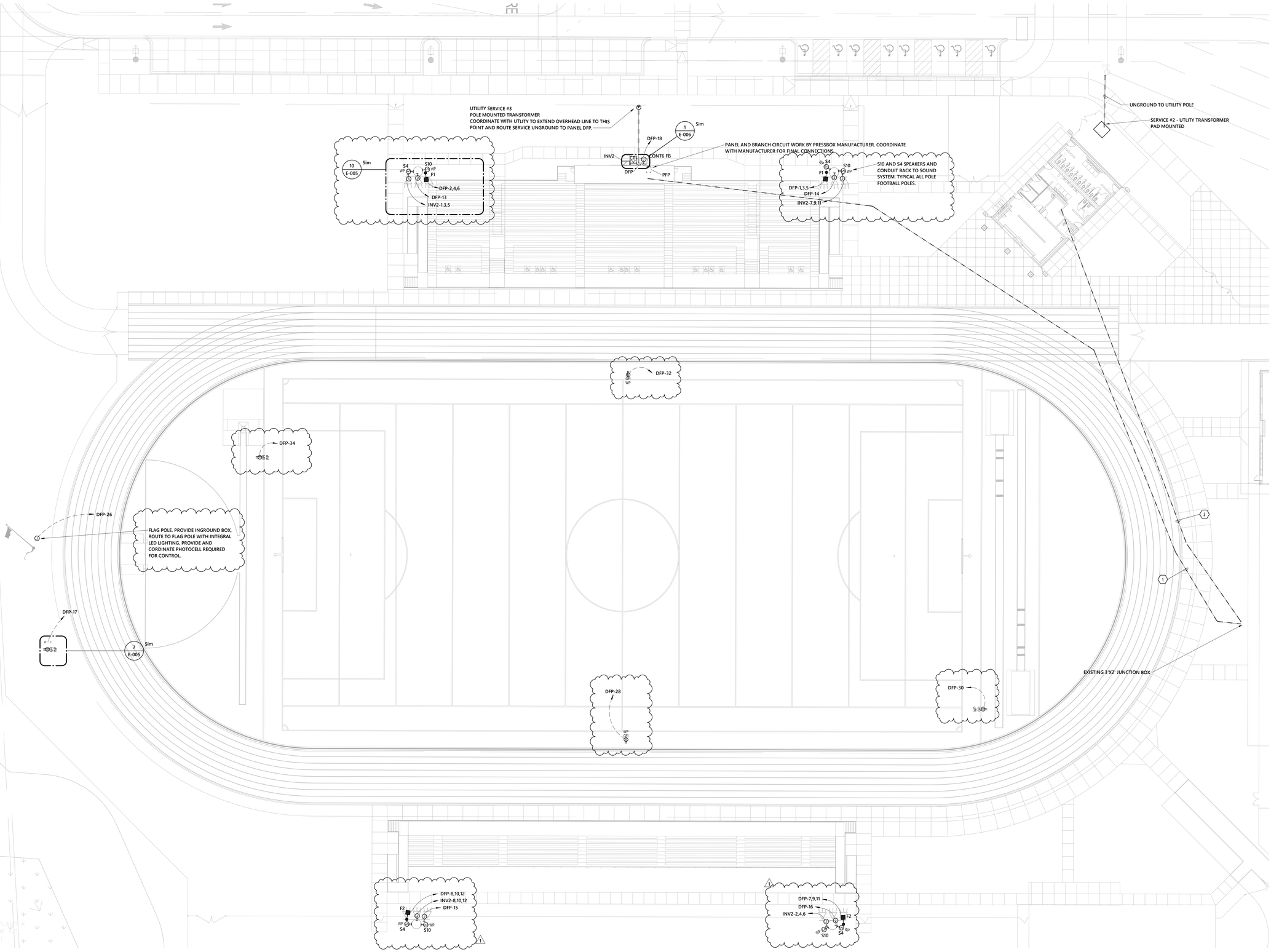

1 ELECTRICAL SITE PLAN - FOOTBALL FIELD (ADD ALT #6)
1" = 20'-0"

1. EXTEND CONDUITS TO PRESS BOX. (3) 3" CONDUITS. COMMUNCATIONS, DATA, FIRE ALARM.
2. EXTEND CONDUITS TO CONCESSION (3) 3" CONDUITS. COMMUNCATIONS, DATA FIRE ALARM.

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

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SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION OPTIMA ENGINEERING P.A. No. C00710

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 27318 BRIAN E. HOWARD

State Board of Registration for Professional Engineers and Surveyors.
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No.	Description	Date
1	ADDENDUM #1	11/19/2025

OPT PROJECT: 23-0084
LS3P PROJECT: 1201-217190
DATE: 10.31.2025

POWER PLAN - FOOTBALL FIELD (ADD ALT #6)

E-260

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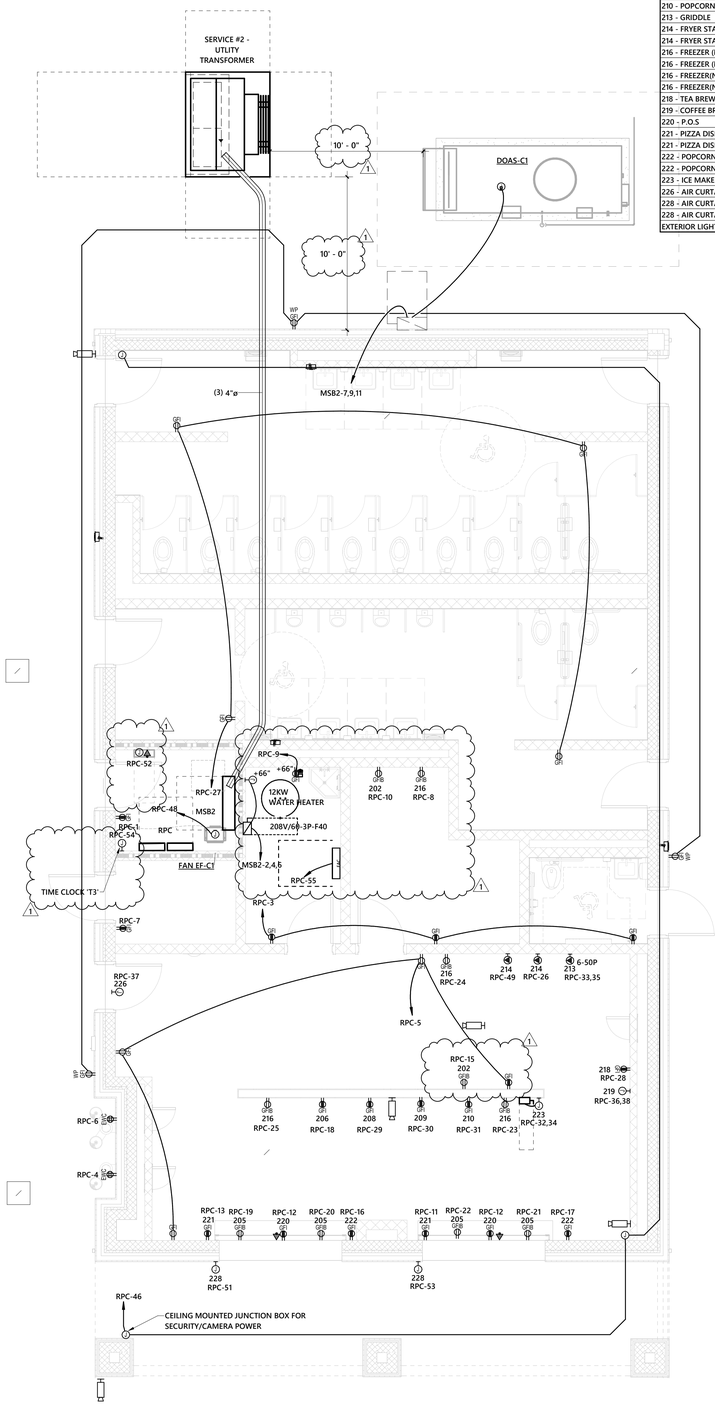
CONCESSION KITCHEN EQUIPMENT SCHEDULE

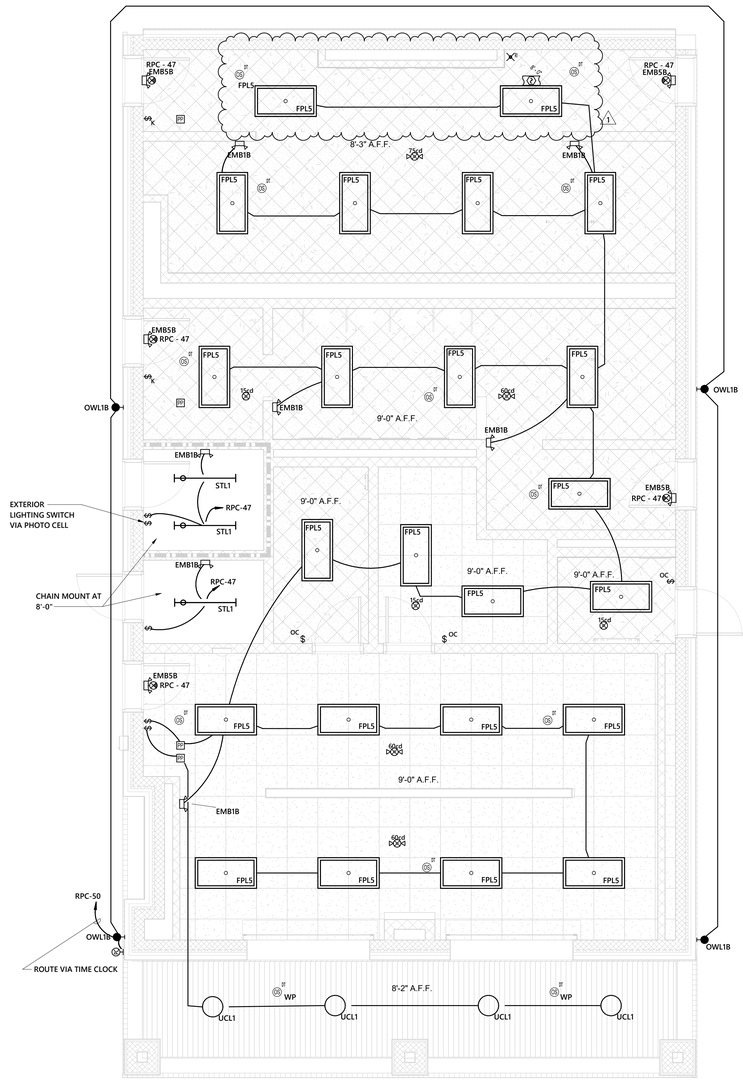
Load Name	Apparent Load	Apparent Current	PANEL AND CIRCUIT	Number of Poles	Load Classification	MOUNTING HEIGHT	NEMA RECEPTACLE	Comments
202 - REFRIGERATOR (NOTE 8)	0.69 kVA	5.8 A	RPC - 10	1	KITCHEN	24"	5-20R	
202 - REFRIGERATOR (NOTE 8)	0.69 kVA	5.8 A	RPC - 15	1	KITCHEN	24"	5-20R	
205 - UNDERCOUNT REFRIG(NOTE 8)	0.76 kVA	6.3 A	RPC - 19	1	KITCHEN	24"	5-20R	
205 - UNDERCOUNT REFRIG(NOTE 8)	0.76 kVA	6.3 A	RPC - 20	1	KITCHEN	24"	5-20R	
205 - UNDERCOUNT REFRIG(NOTE 8)	0.76 kVA	6.3 A	RPC - 22	1	KITCHEN	24"	5-20R	
205 - UNDERCOUNT REFRIG(NOTE 8)	0.76 kVA	6.3 A	RPC - 21	1	KITCHEN	24"	5-20R	
206 - MOBILE HOT CABINET	1.40 kVA	11.7 A	RPC - 18	1	KITCHEN	+66"	5-20R	
208 - NACHO CHIP WARMER	1.08 kVA	9.0 A	RPC - 29	1	KITCHEN	50"	5-20R	
209 - NACHO CHEESE WARMER	0.60 kVA	5.0 A	RPC - 30	1	KITCHEN	50"	5-20R	
210 - POPCORN MACHINE	1.20 kVA	10.0 A	RPC - 31	1	KITCHEN	50"	5-20R	
213 - GRIDDLE	8.32 kVA	40.0 A	RPC - 33,35	2	KITCHEN	24"	6-50R	6-50R, COORDINATE WITH RECEPTACLE AND CORD WITH EQUIPMENT
214 - FRYER STATION	3.84 kVA	32.0 A	RPC - 49	1	KITCHEN	50"	5-50R	COORDINATE PLUG TYPE AND BREAKER WITH VENDOR
214 - FRYER STATION	3.84 kVA	32.0 A	RPC - 26	1	KITCHEN	50"	5-50R	COORDINATE PLUG TYPE AND BREAKER WITH VENDOR
216 - FREEZER (NOTE 8)	0.75 kVA	6.3 A	RPC - 8	1	KITCHEN	24"	5-20R	
216 - FREEZER (NOTE 8)	0.76 kVA	6.3 A	RPC - 24	1	KITCHEN	24"	5-20R	
216 - FREEZER(NOTE8)	0.75 kVA	6.3 A	RPC - 25	1	KITCHEN	24"	5-20R	
216 - FREEZER(NOTE 8)	0.75 kVA	6.3 A	RPC - 23	1	KITCHEN	24"	5-20R	
218 - TEA BREWER	1.44 kVA	12.0 A	RPC - 28	1	KITCHEN	50"	5-20R	
219 - COFFEE BREWER	3.00 kVA	14.4 A	RPC - 36,38	2	KITCHEN	50"	DIRECT CONN	PROVIDE MOTOR RATED SWITCH
220 - P.O.S	1.00 kVA	8.3 A	RPC - 12	1	KITCHEN	24"'	5-20R	
221 - PIZZA DISPLAY CAB	1.44 kVA	12.0 A	RPC - 13	1	KITCHEN	50"	5-20R	
221 - PIZZA DISPLAY CAB	1.44 kVA	12.0 A	RPC - 11	1	KITCHEN	50"	5-20R	
222 - POPCORN MACHINE	1.20 kVA	10.0 A	RPC - 16	1	KITCHEN	50"	5-20R	
222 - POPCORN MACHINE	1.20 kVA	10.0 A	RPC - 17	1	KITCHEN	50"	5-20R	
223 - ICE MAKER	1.50 kVA	7.2 A	RPC - 32,34	2	KITCHEN	72"	DIRECT CONN	PROVIDE 30A/2P -NF DISCONNECT
226 - AIR CURTAIN	0.50 kVA	4.2 A	RPC - 37	1	KITCHEN	108"	DIRECT CONN	MICRO SWITCH, COORDINATE ALL REQUIREMENTS WITH VENDOR
228 - AIR CURTAIN	1.20 kVA	10.0 A	RPC - 51	1	KITCHEN	108"	DIRECT CONN	MICRO SWITCH, COORDINATE ALL REQUIREMENTS WITH VENDOR
228 - AIR CURTAIN	1.20 kVA	10.0 A	RPC - 53	1	KITCHEN	108"	DIRECT CONN	MICRO SWITCH, COORDINATE ALL REQUIREMENTS WITH VENDOR
EXTERIOR LIGHTING TIME CLOCK	12.00 kVA	100.0 A	RPC - 54	1	KITCHEN			

GENERAL NOTES - POWER

A.	WHERE CONNECTED TO A 20A. BRANCH CIRCUIT SUPPLYING AN INDIVIDUAL RECEPTACLE (SIMPLEX OR DUPLEX), THE RECEPTACLE SHALL BE RATED AT 20A.
B.	PROVIDE HOUSEKEEPING PADS FOR ALL FLOOR MOUNTED AND GRADE MOUNTED ELECTRICAL EQUIPMENT. MINIMUM REQUIREMENTS: 4" HIGH, 4% AIR ENTRAINED, POLYFIBER REINFORCED CONCRETE, 4" WIDER AND 4" LONGER THAN EQUIPMENT TO BE PLACED ON IT. REFER TO ELECTRICAL DETAIL DRAWINGS FOR TRANSFORMER, GENERATOR, OR SWITCHGEAR PADS THAT MAY EXCEED THESE REQUIREMENTS.
C.	REFER TO SECTION 26 0519 FOR MINIMUM CONDUCTOR SIZE ADJUSTMENTS FOR VOLTAGE DROP.
D.	COORDINATE ALL DEVICE PLACEMENT WITH ARCHITECTURAL CASEWORK PLANS.
E.	ALL DEVICES SHALL BE FLUSH MOUNTED, UNLESS NOTED OTHERWISE, WITH NO EXPOSED CONDUIT.



1 POWER PLAN - CONCESSION (ADD ALT 6)
1/4" = 1'-0"



2 LIGHTING PLAN - CONCESSION (ADD ALT #6)
1/4" = 1'-0"

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LS3P PROJECT: 1201-217190
DATE: 10.31.2025

POWER PLAN - CONCESSION (ADD ALT #6)

E-263

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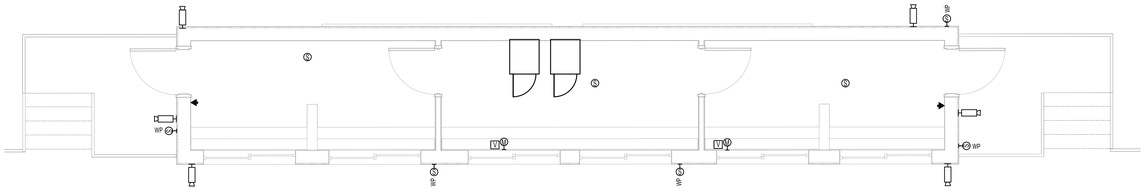
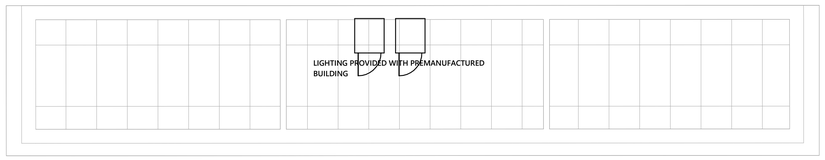
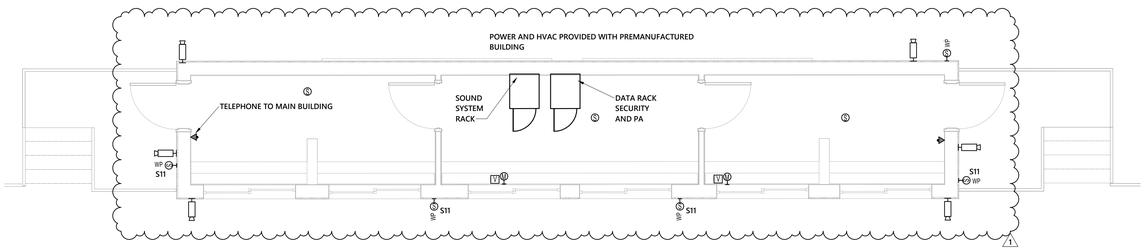


1 SYSTEMS PLAN- FOOTBALL PRESSBOX (ADD ALT #6)
1/4" = 1'-0"



2 LIGHTING PLAN - FOOTBALL PRESSBOX (ADD ALT #6)
1/4" = 1'-0"



3 POWER PLAN- FOOTBALL PRESSBOX (ADD ALT #6)
1/4" = 1'-0"

PRESS BOX IS PREFABRICATED. CORDINATE WITH MANUFACTURER. E.C. RESPONSIBLE FOR FEED AND FINAL CONNECTIONS TO PRE-FAB UNIT.

120/240 1 PHASE , 3 WIRE LOAD CENTER
PLUG IN BREAKERS
15 AMP SWITCHES

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LS3P PROJECT: 1201-217190
DATE: 10.31.2025

POWER PLAN - FOOTBALL PRESS BOX (ADD ALT #6)

E-264

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CONDUCTOR LENGTH TABLE

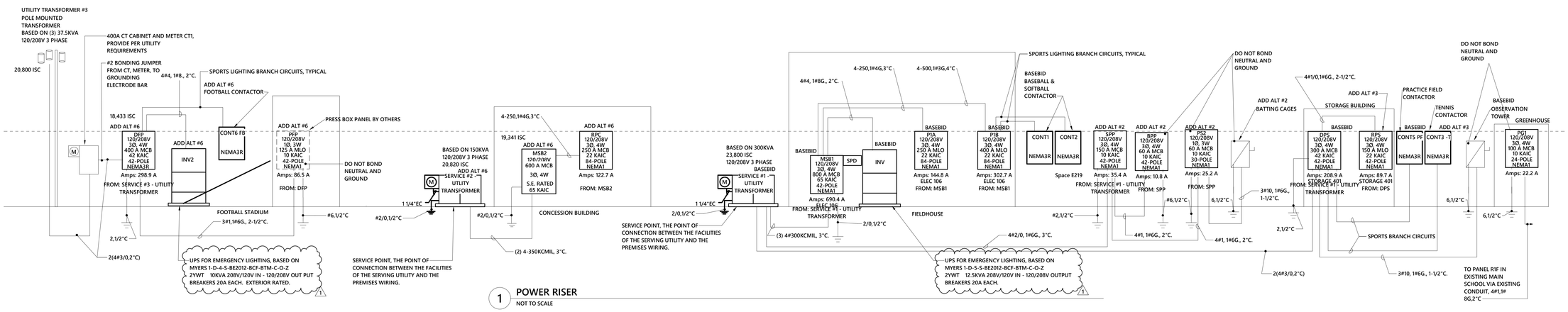
THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR MEETING ALL NEC VOLTAGE DROP REQUIREMENTS REGARDLESS OF WHAT THE PANEL SCHEDULE INDICATES. BRANCH CIRCUIT (COPPER CONDUCTORS) ARE TO BE SIZED TO ALLOW A MAXIMUM OF 3% VOLTAGE DROP FROM THE CIRCUIT BREAKER TO THE FIRST DEVICE ON THE BRANCH CIRCUIT AND ACHIEVE A MAXIMUM OF 5% VOLTAGE DROP ACROSS THE ENTIRE BRANCH CIRCUIT: SEE BELOW FOR THIS PROJECTS COMMONLY USED BRANCH CIRCUIT TYPES.

DISTANCE	AMPS	VOLTAGE	BRANCH CIRCUIT
0 - 60FT	20	120V 1-PHASE	#12
60 - 100FT	20	120V 1-PHASE	#10
100 - 160FT	20	120V 1-PHASE	#8
160 - 260FT	20	120V 1-PHASE	#6
260 - 400FT	20	120V 1-PHASE	#4
400 - 700FT	20	120V 1-PHASE	#2

GENERAL RISER NOTES:
1. PROVIDE 1 1/4" CONDUIT FROM ELECTRIC AND GAS METERS TO BMS (BAS) CONTROL PANEL WITH #18 STRANDED PAIR WIRE. COORDINATE FINAL CONNECTIONS WITH LOCAL UTILITY AND MECHANICAL CONTROLS CONTRACTOR. PROVIDE MONITORING CABLES PER MONITORING REQUIREMENTS. PROVIDE CONDUIT FROM SECONDARY OF UTILITY TRANSFORMER FOR CT MONITORING.
2. PROVIDE PERMANENT PLACARD LOCATED ABOVE THE MAIN SERVICE DISCONNECT AND AT THE ATS INDICATING THE NAME AND LOCATION OF THE OTHER MAIN SERVICE DEVICE.
3. PROVIDE 4" HIGH RE-ENFORCED CONCRETE HOUSEKEEPING PAD FOR ALL FLOOR MOUNTED ELECTRICAL GEAR WHETHER SHOWN OR NOT SHOWN.
4. PROVIDE AN ARC FLASH ANALYSIS PER NFPA 70E AND OSHA 29 CFR 1910 AND LABEL ALL PANELS ACCORDINGLY WITH THE SPECIFIC HAZARD LEVEL. SEE SPECIFICATIONS.
5. INSTALL COPY OF FINAL RISER DIAGRAM ON MAIN ELECTRICAL ROOM WALL ADJACENT TO MAIN DISTRIBUTION PANEL. RISER SHALL BE LAMINATED AND FRAMED IN PLEXIGLASS. MINIMUM SIZE SHALL BE 24"X36".
6. SEE EQUIPMENT RISER SCHEDULE FOR ALL FEEDER SIZES. ALL CONDUCTORS ARE COPPER.
7. PROVIDE PERMANENT NAMEPLATE LOCATED AT MAIN SERVICE DISCONNECTS INDICATING "SERVICE 1 OF 2" AND "SERVICE 2 OF 2" AND THE LOCATION OF THE OTHER ELECTRICAL SERVICE. PROVIDE SERVICE DISCONNECTING MEANS AT THE GENERATOR.
8. ELECTRICAL CONTRACTOR SHALL PROVIDE CONCRETE PAD FOR UTILITY TRANSFORMER. COORDINATE WITH GENERAL CONTRACTOR AND LOCAL UTILITY.
9. ELECTRICAL CONTRACTOR SHALL PROVIDE CONCRETE PAD FOR TRANSFORMERS. COORDINATE WITH GENERAL CONTRACTOR.
10. PROVIDE (1) SPARE CONDUIT OF THE SAME SIZE FOR EACH UTILITY SERVICE.
11. SWITCHBOARD SHALL BE FRONT ACCESSIBLE ONLY.
12. SEE RISER AND PANEL SCHEDULES FOR REQUIRED POLES PER PANEL. FEED THRU SECTIONS TO PANELS SHALL BE PROVIDED WITH MATCHING FEEDER CALLED OUT BY THE TRANSFORMER SCHEDULE AND ELECTRICAL EQUIPMENT RISER SCHEDULE. FOR EACH RESPECTIVE SECTION FEEDER.
13. BOND SERVICE GROUND CONDUCTORS TOGETHER THAT ARE SERVED FROM THE SAME UTILITY TRANSFORMER.
14. EMERGENCY FEEDERS ("LS/LR/ELEV" PANELS) SHALL BE 2 HOUR PROTECTED AND/OR ROUTED UNDERGROUND TO MEET REQUIREMENTS OF NEC 700.10(C)(D).

ELECTRICAL EQUIPMENT RISER SCHEDULE

PANEL NAME	SHORT CIRCUIT RATING	Voltage	Isc Input	MAINS	CALCULATED MAXIMUM 80%	TOTAL ESTIMATED DEMAND CIRCUIT	Number of Poles	NUMBER OF WIRES	PANEL LOCATION	PANEL FED FROM	Phase Created
MSB1	65 KAIC	120/208V		800 A	640 A	690 A	3	4	ELEC 106	SERVICE #1 - UTILITY TRANSFORMER	Base Bid
MSB2	65 KAIC	120/208V		600 A	480 A	283 A	3	4		SERVICE #2 - UTLITY TRANSFORMER	Add Alt 6 - Football Stadium
P1B	22 KAIC	120/208V		400 A	320 A	303 A	3	4	ELEC 106	MSB1	Base Bid
DFP	42 KAIC	120/208V		400 A	320 A	299 A	3	4		SERVICE #3 - UTILITY TRANSFORMER	Add Alt 6 - Football Stadium
DPS	42 KAIC	120/208V		300 A	240 A	209 A	3	4	STORAGE 401	SERVICE #1 - UTILITY TRANSFORMER	Base Bid
P1A	22 KAIC	120/208V		250 A	200 A	145 A	3	4	ELEC 106	MSB1	Base Bid
RPC	22 KAIC	120/208V		250 A	200 A	123 A	3	4		MSB2	Add Alt 6 - Football Stadium
SPP	10 KAIC	120/208V		150 A	120 A	35 A	3	4		SERVICE #1 - UTILITY TRANSFORMER	Add Alt 2 - B&S Accessory Structures
RPS	22 KAIC	120/208V		150 A	120 A	90 A	3	4	STORAGE 401	DPS	Base Bid
PFP	10 KAIC	120/208V		125 A	100 A	87 A	2	3		DFP	Add Alt 6 - Football Stadium
PGT	10 KAIC	120/208V		100 A	80 A	22 A	3	4			Add Alt 5 - Greenhouse
PS2	10 KAIC	120/208V		60 A	48 A	25 A	2	3		SPP	Add Alt 2 - B&S Accessory Structures
BPP	10 KAIC	120/208V		60 A	48 A	11 A	3	4		SPP	Add Alt 2 - B&S Accessory Structures



1 POWER RISER
NOT TO SCALE

LOAD SUMMARY CALCULATION

SERVICE #1 - UTILITY TRANSFORMER	314.93 kVA
TOTAL DEMAND VOLT AMPERES	336.33 kVA

ELECTRICAL LOAD ESTIMATE

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND LOAD
LIGHTS	7.74 kVA	125.00%	9.68 kVA
LIGHTING - EXTERIOR	140.48 kVA	125.00%	175.60 kVA
HEATING	8.00 kVA	100.00%	8.00 kVA
COOLING	69.00 kVA	100.00%	69.00 kVA
VENTILATION	0.44 kVA	100.00%	0.44 kVA
MOTORS	10.44 kVA	100.00%	10.44 kVA
KITCHEN	17.63 kVA	65.00%	11.46 kVA
RECEPTACLES	29.14 kVA	67.45%	19.65 kVA
WATER HEATER	0.00 kVA	0.00%	0.00 kVA
MISC.	32.05 kVA	100.00%	32.05 kVA
Spare	0.00 kVA	0.00%	0.00 kVA
ELEVATOR	0.00 kVA	0.00%	0.00 kVA
LAUNDRY	0.00 kVA	0.00%	0.00 kVA
APARTMENT LOADS	0.00 kVA	0.00%	0.00 kVA
GUEST RM LTS/RCPT-NEC 220.42	0.00 kVA	0.00%	0.00 kVA
HEATING - FUTURE	0.00 kVA	0.00%	0.00 kVA
HEATING - UNITS	0.00 kVA	0.00%	0.00 kVA
LIGHTING - FUTURE	0.00 kVA	0.00%	0.00 kVA
RECEPTACLE - FUTURE	0.00 kVA	0.00%	0.00 kVA
TOTAL VOLT AMPERES	314.93 kVA		336.33 kVA
CALCULATED AMPERES	874.1 A		933.5 A

Notes:
N/A.

LOAD SUMMARY CALCULATION

SERVICE #2 - UTLITY TRANSFORMER	125.92 kVA
TOTAL DEMAND VOLT AMPERES	101.99 kVA

ELECTRICAL LOAD ESTIMATE

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND LOAD
LIGHTS	1.33 kVA	125.00%	1.67 kVA
LIGHTING - EXTERIOR	0.48 kVA	125.00%	0.59 kVA
HEATING	0.00 kVA	0.00%	0.00 kVA
COOLING	50.00 kVA	100.00%	50.00 kVA
VENTILATION	0.00 kVA	0.00%	0.00 kVA
MOTORS	0.00 kVA	0.00%	0.00 kVA
KITCHEN	66.83 kVA	65.00%	43.44 kVA
RECEPTACLES	3.78 kVA	73.81%	2.79 kVA
WATER HEATER	0.00 kVA	0.00%	0.00 kVA
MISC.	3.50 kVA	100.00%	3.50 kVA
Spare	0.00 kVA	0.00%	0.00 kVA
ELEVATOR	0.00 kVA	0.00%	0.00 kVA
LAUNDRY	0.00 kVA	0.00%	0.00 kVA
APARTMENT LOADS	0.00 kVA	0.00%	0.00 kVA
GUEST RM LTS/RCPT-NEC 220.42	0.00 kVA	0.00%	0.00 kVA
HEATING - FUTURE	0.00 kVA	0.00%	0.00 kVA
HEATING - UNITS	0.00 kVA	0.00%	0.00 kVA
LIGHTING - FUTURE	0.00 kVA	0.00%	0.00 kVA
RECEPTACLE - FUTURE	0.00 kVA	0.00%	0.00 kVA
TOTAL VOLT AMPERES	125.92 kVA		101.99 kVA
CALCULATED AMPERES	349.5 A		283.1 A

Notes:
N/A.

LOAD SUMMARY CALCULATION

SERVICE #3 - UTILITY TRANSFORMER	91.52 kVA
TOTAL DEMAND VOLT AMPERES	107.67 kVA

ELECTRICAL LOAD ESTIMATE

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND LOAD
LIGHTS	0.00 kVA	0.00%	0.00 kVA
LIGHTING - EXTERIOR	64.80 kVA	125.00%	81.00 kVA
HEATING	0.00 kVA	0.00%	0.00 kVA
COOLING	0.00 kVA	0.00%	0.00 kVA
VENTILATION	0.00 kVA	0.00%	0.00 kVA
MOTORS	0.00 kVA	0.00%	0.00 kVA
KITCHEN	0.00 kVA	0.00%	0.00 kVA
RECEPTACLES	0.72 kVA	92.50%	0.67 kVA
WATER HEATER	0.00 kVA	0.00%	0.00 kVA
MISC.	26.00 kVA	100.00%	26.00 kVA
Spare	0.00 kVA	0.00%	0.00 kVA
ELEVATOR	0.00 kVA	0.00%	0.00 kVA
LAUNDRY	0.00 kVA	0.00%	0.00 kVA
APARTMENT LOADS	0.00 kVA	0.00%	0.00 kVA
GUEST RM LTS/RCPT-NEC 220.42	0.00 kVA	0.00%	0.00 kVA
HEATING - FUTURE	0.00 kVA	0.00%	0.00 kVA
HEATING - UNITS	0.00 kVA	0.00%	0.00 kVA
LIGHTING - FUTURE	0.00 kVA	0.00%	0.00 kVA
RECEPTACLE - FUTURE	0.00 kVA	0.00%	0.00 kVA
TOTAL VOLT AMPERES	91.52 kVA		107.67 kVA
CALCULATED AMPERES	254.0 A		298.9 A

Notes:
N/A.

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

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1	ADDENDUM #1	11/19/2025

OPT PROJECT: 23-0084
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POWER RISER DIAGRAM AND SCHEDULES

E-701

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CONSTRUCTION DOCUMENTS

PANEL: MSB1

VOLTAGE: 208Y/120 3Ø | **FED FROM:** SERVICE #1 - UTILITY TRANSFORMER
MOUNTING: SURFACE | **MAIN TYPE:** MCB | **MFR:**
ENCLOSURE: NEMA1 | **PHASE:** 3 | **TYPE:**
MAIN: 800 A | **WIRE:** 4 | **AIC:** 65 KAIC

LC Abbr	Load Served	Wire	Trip	Ckt No	Pole	A		B		C		Pole	Ckt No	Trip	Wire	Load Served	LC Abbr
				1		29.55	16.67					2					MIS C.; C...
F	PANEL P1B	SR	400 A	3	3			29.55	16.67			3	4	225 A	4/0	DOAS F1 - BASEBID	
				5						29.05	16.67		6				
F	PANEL 'P1A'	SR	250 A	7		22.48	2.60						8				Spare; Li...
				9	3			22.21	2.73			3	10	35 A	8	INV - THIS ISNT REAL...NO 3PHASE INVERTER AVALIBALE	
				11						17.90	1.30		12				
CO OLI NG	DOAS SPAC- F1 ADD ALT #1	4	70 A	13		6.33	3.48						14				MO TO RS
				15	3			6.33	3.48			3	16	50 A	4	IRRIGATION PUMP	
				17						6.33	3.48		18				
Spare	SPARE	-	100 A	19		0.00	--					1	20	--	-	SPACE ONLY	
				21	3			0.00	--			1	22	--	-	SPACE ONLY	
				23						0.00	--	1	24	--	-	SPACE ONLY	
	SPACE ONLY	-	--	25	1	--	--					1	26	--	-	SPACE ONLY	
	SPACE ONLY	-	--	27	1			--	--			1	28	--	-	SPACE ONLY	
	SPACE ONLY	-	--	29	1					--	--	1	30	--	-	SPACE ONLY	
	SPACE ONLY	-	--	31	1	--	--					1	32	--	-	SPACE ONLY	
	SPACE ONLY	-	--	33	1			--	--			1	34	--	-	SPACE ONLY	
	SPACE ONLY	-	--	35	1					--	--	1	36	--	-	SPACE ONLY	
	SPACE ONLY	-	--	37	1	--	0.00						38				
	SPACE ONLY	-	--	39	1			--	0.00			3	40	60 A	8	SPD	MIS C
	SPACE ONLY	-	--	41	1					--	0.00		42				

	LOAD	Connected Load	Demand Factor	Estimated Demand
L	LIGHTS	5.72 kVA	125.00%	7.14 kVA
LE	LIGHTING - EXTERIOR	93.53 kVA	125.00%	116.92 kVA
H	HEATING	2.00 kVA	100.00%	2.00 kVA
C	COOLING	69.00 kVA	100.00%	69.00 kVA
V	VENTILATION	0.00 kVA	0.00%	0.00 kVA
M	MOTORS	10.44 kVA	100.00%	10.44 kVA
K	KITCHEN	17.63 kVA	65.00%	11.46 kVA
R	RECEPTACLES	21.22 kVA	68.36%	14.51 kVA
WH	WATER HEATER	0.00 kVA	0.00%	0.00 kVA
MS	MISC.	17.28 kVA	100.00%	17.28 kVA
S	Spare	0.00 kVA	0.00%	0.00 kVA

NOTES:
1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
4. ALL INCOMING PANEL & BRKR LUGS SHALL MATCH FEEDERS.
5. PROVIDE HINGED DOOR-IN-DOOR WITH OUTER DOOR LOCK.
6. PROVIDE METAL DIRECTORY FRAME.
7. THIS PANEL SHALL BE U.L. LISTED FOR USE AS S.E. EQUIP.
8. 100% RATED MAIN.

TOTAL KVA...	236.82 kVA	TOTAL PER PHASE: (CONNECTED)	
TOTAL KVA (DEMAND):	248.75 kVA	684.0 A	682.7 A	622.8 A
TOTAL AMP....	657 A		
TOTAL AMP. (DEMAND):	690 A		

LOAD CLASSIFICATION ABBREVIATIONS (CONT.)
F - FEEDER FOR DOWN STREAM PANEL. LOADS ARE INCLUDED IN THE PANEL LOAD SUMMARY.

PANEL: INV

VOLTAGE: 208Y/120 3Ø | **FED FROM:**
MOUNTING: | **MAIN TYPE:** 10KW | **MFR:** MYERS
ENCLOSURE: Type 1 | **PHASE:** 3 | **TYPE:**
MAIN: 10kW | **WIRE:** 4 | **AIC:**

LC Abbr	Load Served	Wire	Fuse	Ckt No	Pole	A		B		C		Pole	Ckt No	Fuse	Wire	Load Served	LC Abbr
LIGHTI...	BASEBALL A2 POLE - EMERENCY LIGHTING	8	20 A	1		0.65	0.65					2	2	20 A	10	SOFTBALL A4 POLE - EMERGENCY LIGHTING	LIGHTI...
				3	2			0.65	0.65				4				
LIGHTI...	BASEBALL A1 POLE - EMERGENCY LIGHTING	8	20 A	5	2					0.65	0.65	2	6	20 A	8	SOFTBALL A3 POLE - EMERGENCY LIGHTING	LIGHTI...
				7	1	0.65	0.65						8				
LI...	FEILD HOUSE LIGHTING - EXTERIOR	12	20 A	9	1			1.43	0.00			1	10	20 A	-	SPARE	S...
S...	SPARE	-	20 A	11	1					0.00	0.00	1	12	20 A	-	SPARE	S...

	LOAD	Connected Load	Demand Factor	Estimated Demand
L	LIGHTS	0.00 kVA	0.00%	0.00 kVA
LE	LIGHTING - EXTERIOR	6.63 kVA	125.00%	8.28 kVA
H	HEATING	0.00 kVA	0.00%	0.00 kVA
C	COOLING	0.00 kVA	0.00%	0.00 kVA
V	VENTILATION	0.00 kVA	0.00%	0.00 kVA
M	MOTORS	0.00 kVA	0.00%	0.00 kVA
K	KITCHEN	0.00 kVA	0.00%	0.00 kVA
R	RECEPTACLES	0.00 kVA	0.00%	0.00 kVA
WH	WATER HEATER	0.00 kVA	0.00%	0.00 kVA
MS	MISC.	0.00 kVA	0.00%	0.00 kVA
S	Spare	0.00 kVA	0.00%	0.00 kVA
E	ELEVATOR	0.00 kVA	0.00%	0.00 kVA
LD	LAUNDRY	0.00 kVA	0.00%	0.00 kVA

NOTES:
1. BASED ON MYERS INVERTER.

TOTAL KVA...	6.63 kVA	TOTAL PER PHASE: (CONNECTED)	
TOTAL KVA (DEMAND):	8.28 kVA	23.3 A	24.4 A	10.8 A
TOTAL AMP....	18 A	TOTAL PER PHASE: (CONNECTED @ 125%)	
TOTAL AMP. (DEMAND):	23 A	29.2 A	30.5 A	13.5 A

PANEL: SPP

VOLTAGE: 208Y/120 3Ø | **FED FROM:** SERVICE #1 - UTILITY TRANSFORMER
MOUNTING: SURFACE | **MAIN TYPE:** MCB | **MFR:**
ENCLOSURE: NEMA1 | **PHASE:** 3 | **TYPE:**
MAIN: 150 A | **WIRE:** 4 | **AIC:** 10 KAIC

LC Abbr	Load Served	Wire	Trip	Ckt No	Pole	A		B		C		Pole	Ckt No	Trip	Wire	Load Served	LC Abbr
				1		1.40	0.50					1	2	20 A	12	REC - AUDIO RACK	MI...
F	PANEL 'BPP'	SR	60 A	3	3			1.22	1.11			1	4	20 A	12	SECURITY POWER JUNCTION BOX	MI...
				5						1.69	0.36	1	6	20 A	12	REC - 2ND FLR WALL	R...
R...	REC - 2ND FLR DESK	12	20 A	7	1	0.54	0.18					1	8	20 A	12	REC - DESK	R...
R...	REC - DESK	12	20 A	9	1			0.18	0.18			1	10	20 A	12	REC - DESK	R...
R...	REC - DESK	12	20 A	11	1					0.36	0.33	1	12	20 A	12	LIGHTS *	LI...
R...	REC - DED 1ST FLR	12	20 A	13	1	0.18	3.28					2	14	60 A	SR	PANEL PS2	Spare;...
MI...	REC - DATA RACK	12	20 A	15	1			0.50	2.18				16				
MISC.	SPD	10	30 A	17						0.00	0.00	1	18	20 A	-	SPARE	Sp...
				19	3	0.00	0.00					1	20	20 A	-	SPARE	Sp...
				21				0.00	0.00			1	22	20 A	-	SPARE	Sp...
Sp...	SPARE	-	20 A	23	1					0.00	0.00	1	24	20 A	-	SPARE	Sp...
Spare	SPARE	-	30 A	25		0.00	0.00					1	26	20 A	-	SPARE	Sp...
				27	3			0.00	0.00			1	28	20 A	-	SPARE	Sp...
				29						0.00	0.00	1	30	20 A	-	SPARE	Sp...
	SPACE ONLY	-	--	31	1	--	--					1	32	--	-	SPACE ONLY	
	SPACE ONLY	-	--	33	1			--	--			1	34	--	-	SPACE ONLY	
	SPACE ONLY	-	--	35	1					--	--	1	36	--	-	SPACE ONLY	
	SPACE ONLY	-	--	37	1	--	--					1	38	--	-	SPACE ONLY	
	SPACE ONLY	-	--	39	1			--	--			1	40	--	-	SPACE ONLY	
	SPACE ONLY	-	--	41	1					--	--	1	42	--	-	SPACE ONLY	

	LOAD	Connected Load	Demand Factor	Estimated Demand
L	LIGHTS	0.98 kVA	125.00%	1.23 kVA
LE	LIGHTING - EXTERIOR	0.24 kVA	125.00%	0.30 kVA
H	HEATING	0.00 kVA	0.00%	0.00 kVA
C	COOLING	0.00 kVA	0.00%	0.00 kVA
V	VENTILATION	0.00 kVA	0.00%	0.00 kVA
M	MOTORS	0.00 kVA	0.00%	0.00 kVA
K	KITCHEN	0.00 kVA	0.00%	0.00 kVA
R	RECEPTACLES	5.58 kVA	68.71%	3.83 kVA
WH	WATER HEATER	0.00 kVA	0.00%	0.00 kVA
MS	MISC.	7.39 kVA	100.00%	7.39 kVA
S	Spare	0.00 kVA	0.00%	0.00 kVA

NOTES:
1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
4. ALL INCOMING PANEL & BRKR LUGS SHALL MATCH FEEDERS.
5. PROVIDE HINGED DOOR-IN-DOOR WITH OUTER DOOR LOCK.
6. PROVIDE METAL DIRECTORY FRAME.
7. THIS PANEL SHALL BE U.L. LISTED FOR USE AS S.E. EQUIP.
8. 100% RATED MAIN.
* - INDICATES UNIT BATTERY WITH HANDLE LOCK ON.

TOTAL KVA...	14.19 kVA	TOTAL PER PHASE: (CONNECTED)	
TOTAL KVA (DEMAND):	12.75 kVA	54.0 A	48.1 A	22.8 A
TOTAL AMP....	39 A		
TOTAL AMP. (DEMAND):	35 A		

LOAD CLASSIFICATION ABBREVIATIONS (CONT.)
F - FEEDER FOR DOWN STREAM PANEL. LOADS ARE INCLUDED IN THE PANEL LOAD SUMMARY.

PANEL: P1A

VOLTAGE: 208Y/120 3Ø | **FED FROM:** MSB1
MOUNTING: SURFACE | **MAIN TYPE:** MLO | **MFR:**
ENCLOSURE: NEMA1 | **PHASE:** 3 | **TYPE:**
MAIN: 250 A | **WIRE:** 4 | **AIC:** 22 KAIC

LC Abbr	Load Served	Wire	Trip	Ckt No	Pole	A		B		C		Pole	Ckt No	Trip	Wire	Load Served	LC Abbr
LI...	LIGHTS - LOCKER/GENERAL *	12	20 A	1	1	1.45	0.50					1	2	20 A	12	FIRE ALARM (NOTE 9)	MI...
LI...	LIGHTS * - OFFICE TRAINING	12	20 A	3	1			1.16	0.18			1	4	20 A	12	REC - JANITOR 114	R...
LI...	LIGHTS * - CORR	12	20 A	5	1					0.79	0.90	1	6	20 A	12	REC - CLASS 115	R...
LI...	LIGHTS * - CLASS, CONCESSION	12	20 A	7	1	1.20	0.90					1	8	20 A	12	REC - TOILET, ROOF	R...
R...	REC - CLASS RM	12	20 A	9	1			1.26	1.08			1	10	20 A	12	REC - OFFICE 103	R...
R...	REC - CORR 125	12	20 A	11	1					1.08	1.00	1	12	20 A	12	DRYER (NOTE 8)	MI...
R...	EXTERIOR RECEPTACLE	12	20 A	13	1	1.26	0.90					1	14	20 A	12	REC - LOCKER 111	R...
R...	REC - TRAINING 107	12	20 A	15	1			0.36	0.90			1	16	20 A	12	REC - MALE LOCKER 116	R...
R...	REC - ELEC LS 106B	12	20 A	17	1					0.36	0.90	1	18	20 A	12	REC - MALE LOCKER 124	R...
R...	REC - 120, 119	12	20 A	19	1	0.72	0.90					1	20	20 A	12	REC - TRAINING 107	R...
LI...	LIGHTING - EXTERIOR	12	20 A	21	1			1.41	0.18			1	22	20 A	12	EWC - (NOTE 8)	R...
R...	REC - EXTERIOR	12	20 A	23	1					0.36	0.38	1	24	20 A	12	FAN EF-F1, REC	R...
R...	IRRIGATION POWER	12	20 A	25	1	0.18	0.20					1	26	20 A	12	WATER HEATER	MI...
				27				1.00	0.80				28				
MISC.	BASEBALL HOME DUGOUT	8	30 A	29	3					0.60	0.54	3	30	30 A	8	SOFTBALL HOME DUGOUT	MISC.
				31		0.60	0.90						32				
MISC.	BASEBALL AWAY DUGOUT	8	30 A	33	2			1.00	1.00			2	34	30 A	8	SOFTBALL AWAY DUGOUT	MISC.
				35						0.60	0.60		36				
MI...	BASEBALL SCOREBOARD	4	20 A	37	1	0.60	1.00					2	38	30 A	10	CUH-F1	HEATI...
MI...	SOFTBALL SCOREBOARD	10	20 A	39	1			1.20	1.00				40				
LI...	SPORTS POLE - POWER (SEC/COMM)	8	20 A	41	1					1.00	0.50	1	42	20 A	12	BAS ELEC 106	MI...
LI...	SPORTS POLE - POWER (SEC/COMM)	8	20 A	43	1	1.00	1.00					1	44	20 A	12	SECURITY POWER	MI...
MI...	BASEBALL/SOFTBALL FLAG POLE	6	20 A	45	1			1.00	0.18			1	46	20 A	12	RCP1 - JANITOR 114	R...
R...	SOFTBALL HOME PLATE REC	10	20 A	47	1					0.18			48				
R...	BASEBALL HOME PLATE REC	8	20 A	49	1	0.18							50				
KI...	210 - POPCORN	12	20 A	51	1			1.20	1.10			2	52	15 A	12	203 - ICE MAKER	KIT C...
KI...	228 - AIR CURTAIN	12	20 A	53	1					1.44	1.10		54				
KI...	214 - FRYER	6	50 A	55	1	3.84	0.65					1	56	20 A	12	226 AIR CURTAIN	KI...
KI...	202 - REFRIGERATOR	12	20 A	57	1			0.70	0.80			1	58	20 A	12	205 - UNDERCOUNTER REFRIG	KI...
KI...	221 - PIZZA DISPLAY CAB	12	20 A	59	1					1.50	0.80	1	60	20 A	12	205 - UNDERCOUNTER REFRIG	KI...
KI...	220 - P.O.S	12	20 A	61	1	1.50	1.20					1	62	20 A	12	222 - POPCORN MACHINE	KI...
KI...	209 - NACHO CHEESE WARMER	12	20 A	63	1			0.60	1.20			1	64	20 A	12	206 - MOBILE HOT CABINET	KI...
				65						0.54		1	66	20 A	12	REC - CONCESSION	R...
				67									68				
R...	REC - WEIGHT RM ALT #1	12	20 A	69	1			0.72	0.90			1	70	20 A	12	REC - WEIGHT RM ALT #1	R...
R...	REC - WEIGHT RM ADD ALT #1	12	20 A	71	1					0.72	0.36	1	72	20 A	12	CEILING REC - WEIGHTRM ALT #1	R...
R...	CEILING REC - WEIGHTRM ALT #1	12	20 A	73	1	0.36	0.36					1	74	20 A	12	CEILING REC - WEIGHTRM ALT #1	R...
R...	REC - WEIGHT RM ALT #1	12	20 A	75	1			0.90	0.36			1	76	20 A	12	CEILING REC - WEIGHTRM ALT #1	R...
LI...	WEIGHT RM LIGHTS - ADD ALT #1 *	12	20 A	77	1					1.11	0.54	1	78	20 A	12	REC - WEIGHT RM ALT #1	R...
R...	EWC - WEIGHT RM ALT #1(NOTE 8)	12	20 A	79	1	0.36	0.72					1	80	20 A	12	REC - WEIGHT RM ALT #1	R...
MI...	RIV-F1 ON ROOF	12	20 A	81	1			0.02	--			1	82	--	-	SPACE ONLY	
				83							--	1	84	--	-	SPACE ONLY	

	LOAD	Connected Load	Demand Factor	Estimated Demand
L	LIGHTS	5.72 kVA	125.00%	7.14 kVA
LE	LIGHTING - EXTERIOR	3.41 kVA	125.00%	4.26 kVA
H	HEATING	2.00 kVA	100.00%	2.00 kVA
C	COOLING	0.00 kVA	0.00%	0.00 kVA
V	VENTILATION	0.00 kVA	0.00%	0.00 kVA
M	MOTORS	0.00 kVA	0.00%	0.00 kVA
K	KITCHEN	17.63 kVA	65.00%	11.46 kVA
R	RECEPTACLES	19.62 kVA	66.70%	13.09 kVA
WH	WATER HEATER	0.00 kVA	0.00%	0.00 kVA
MS	MISC.	14.22 kVA	100.00%	14.22 kVA
S	Spare	0.00 kVA	0.00%	0.00 kVA

NOTES:
1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
4. ALL INCOMING PANEL & BRKR LUGS SHALL MATCH FEEDERS.
5. PROVIDE HINGED DOOR-IN-DOOR WITH OUTER DOOR LOCK.
6. PROVIDE METAL DIRECTORY FRAME.
7. PROVIDE FEED THRU LUGS.
8. PROVIDE CLASS A GFI (6mA-PERSONNEL) BRKR (250' MAX).
9. PROVIDE BREAKER WITH RED HANDLE AND LOCK-ON.
* - INDICATES UNIT BATTERY WITH HANDLE LOCK ON.

TOTAL KVA...	62.59 kVA	TOTAL PER PHASE: (CONNECTED)	
TOTAL KVA (DEMAND):	52.17 kVA	192.9 A	190.6 A	149.2 A
TOTAL AMP....	174 A		
TOTAL AMP. (DEMAND):	145 A		

LOAD CLASSIFICATION ABBREVIATIONS (CONT.)
F - FEEDER FOR DOWN STREAM PANEL. LOADS ARE INCLUDED IN THE PANEL LOAD SUMMARY.

PANEL: P1B

VOLTAGE: 208Y/120 3Ø | **FED FROM:** MSB1
MOUNTING: SURFACE | **MAIN TYPE:** MLO | **MFR:**
ENCLOSURE: NEMA1 | **PHASE:** 3 | **TYPE:**
MAIN: 400 A | **WIRE:** 4 | **AIC:** 22 KAIC

LC Abbr	Load Served	Wire	Trip	Ckt No	Pole	A		B		C		Pole	Ckt No	Trip	Wire	Load Served	LC Abbr
				1		2.33	2.33					2					
LIGHTI...	LIGHTING - BASEBALL A1	6	30 A	3	3			2.33	2.33				4	30 A	8	LIGHTING - BASEBALL A2	LIGHTI...
				5						2.33	2.33	3	6				
LIGHTI...	LIGHTING - SOFTBALL A4	10	15 A	7		0.87	0.87						8				
				9	3			0.87	0.87			3	10	15 A	10	LIGHTING - SOFTBALL A3	LIGHTI...
				11						0.87	0.87		12				
LIGHTI...	LIGHTING - BASEBALL B1	8	35 A	13		3.17	3.17						14				
				15	3			3.17	3.17			3	16	35 A	4	LIGHTING - BASEBALL B2	LIGHTI...
				17						3.17	3.17		18				
LIGHTI...	LIGHTING - SOFTBALL B3	10	25 A	19		2.30	2.30						20				
				21	3			2.30	2.30			3	22	25 A	10	LIGHTING - SOFTBALL B4	LIGHTI...
				23						2.30	2.30		24				
LIGHTI...	LIGHTING - BASEBALL C1	2	35 A	25		3.17	3.17						26				
				27	3			3.17	3.17			3	28	35 A	2	LIGHTING - BASEBALL C2	LIGHTI...
				29						3.17	3.17		30				
MI...	BASEBALL CONTACTOR PANEL...	12	20 A	31	1	0.20	0.80					1	32	20 A	12	REFRIG -TRN OFFICE 107(NOTE 8)	R...
MI...	SOFTBALL CONTACTOR PANEL...	12	20 A	33	1			0.20	0.80			1	34	20 A	12	ICEMAKER - TRN OFFICE 107(NOTE...	R...
MI...	TIME LOCK (T1)- ELEC 106	12	20 A	35	1					0.50	0.83		36				
LIGHTI...	SITE LIGHTING VIA TIME CLOCK - SPORTS POLE A3	12	15 A	37		0.83	0.83					3	38	20 A	12	SITE LIGHTING VIA TIME CLOCK - SPORTS POLE B2	LIGHTI...
				39	3			0.83	0.83				40				
LIGHTI...	SITE LIGHTING VIA TIME CLOCK - SPORTS POLE A4	12	15 A	41		0.83	0.00						42				
				43	3			0.83	0.00			3	44	20 A	-	SPARE	Spare
				45						0.83	0.00		46				
LIGHTI...	SITE LIGHTING VIA TIME CLOCK - SPORTS POLE A2	8	15 A	47		0.83	0.72						48				
				49	3			0.83	0.72			3	50	15 A	12	LAUNDRY 101 - WASHER (NOTE 8)	MISC.
				51						0.83	0.00		52				
LIGHTI...	SITE LIGHTING VIA TIME CLOCK - SPORTS POLE A1	8	15 A	53		0.83	0.00						54	20 A	-	SPARE	Sp...
				55	3			0.83	0.00			1	56	20 A	-	SPARE	Sp...
				57						0.83	0.00	1	58	20 A	-	SPARE	Sp...
	SPACE ONLY	-	--	59								1	60	20 A	-	SPARE	Sp...
	SPACE ONLY	-	--	61	1	--	0.00					1	62	20 A	-	SPARE	Sp...
	SPACE ONLY	-	--	63	1			--	0.00			1	64	20 A	-	SPARE	Sp...
	SPACE ONLY	-	--	65	1					--	0.00	1	66	20 A	-	SPARE	Sp...
	SPACE ONLY	-	--	67	1	--	--					1	68	--	-	SPACE ONLY	
	SPACE ONLY	-	--	69	1			--	--			1	70	--	-	SPACE ONLY	
	SPACE ONLY	-	--	71	1					--	--	1	72	--	-	SPACE ONLY	
	SPACE ONLY	-	--	73	1	--	--					1	74	--	-	SPACE ONLY	
	SPACE ONLY	-	--	75	1			--	--			1	76	--	-	SPACE ONLY	
	SPACE ONLY	-	--	77	1					--	--	1	78	--	-	SPACE ONLY	
	SPACE ONLY	-	--	79	1	--	--					1	80	--	-	SPACE ONLY	
	SPACE ONLY	-	--	81	1			--	--			1	82	--	-	SPACE ONLY	
	SPACE ONLY	-	--	83	1					--	--	1	84	--	-	SPACE ONLY	

	LOAD	Connected Load	Demand Factor	Estimated Demand
L	LIGHTS	0.00 kVA	0.00%	0.00 kVA
LE	LIGHTING - EXTERIOR	83.50 kVA	125.00%	104.38 kVA
H	HEATING	0.00 kVA	0.00%	0.00 kVA
C	COOLING	0.00 kVA	0.00%	0.00 kVA
V	VENTILATION	0.00 kVA	0.00%	0.00 kVA
M	MOTORS	0.00 kVA	0.00%	0.00 kVA
K	KITCHEN	0.00 kVA	0.00%	0.00 kVA
R	RECEPTACLES	1.60 kVA	100.00%	1.60 kVA
WH	WATER HEATER	0.00 kVA	0.00%	0.00 kVA
MS	MISC.	3.06 kVA	100.00%	3.06 kVA
S	Spare	0.00 kVA	0.00%	0.00 kVA

NOTES:
1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
4. ALL INCOMING PANEL & BRKR LUGS SHALL MATCH FEEDERS.
5. PROVIDE HINGED DOOR-IN-DOOR WITH OUTER DOOR LOCK.
6. PROVIDE METAL DIRECTORY FRAME.
7. PROVIDE FEED THRU LUGS.
8. PROVIDE CLASS A GFI (6mA-PERSONNEL) BRKR (250' MAX).

TOTAL KVA...	88.16 kVA	TOTAL PER PHASE: (CONNECTED)	
TOTAL KVA (DEMAND):	109.04 kVA	246.9 A	246.9 A	242.1 A
TOTAL AMP....	245 A		
TOTAL AMP. (DEMAND):	303 A		

LOAD CLASSIFICATION ABBREVIATIONS (CONT.)
F - FEEDER FOR DOWN STREAM PANEL. LOADS ARE INCLUDED IN THE PANEL LOAD SUMMARY.

PANEL: BPP

VOLTAGE: 208Y/120 3Ø | **FED FROM:** SPP
MOUNTING: SURFACE | **MAIN TYPE:** MCB | **MFR:**
ENCLOSURE: NEMA1 | **PHASE:** 3 | **TYPE:**
MAIN: 60 A | **WIRE:** 4 | **AIC:** 10 KAIC

LC Abbr	Load Served	Wire	Trip	Ckt No	Pole	A		B		C		Pole	Ckt No	Trip	Wire	Load Served	LC Abbr
R...	REC - DESK	12	20 A	1	1	0.54	0.18					1	2	20 A	12	DED REC AT PANEL	R...
R...	REC - DESK	12	20 A	3	1			0.36	0.50			1	4	20 A	12	DATA RACK	MI...
LI...	LIGHTS*	12	20 A	5	1					0.33	0.36	1	6	20 A	12	REC - 2ND FLR	R...
MI...	REC - AUDIO RACK	12	20 A	7	1	0.50	0.18					1	8	20 A	12	REC - DESK	R...
R...	REC - DESK	12	20 A	9	1			0.18	0.18			1	10	20 A	12	REC - DESK	R...
MI...	SECURITY POWER	12	20 A	11	1					1.00	0.00	1	12	20 A	-	SPARE	Sp...
Sp...	SPARE	-	20 A	13	1	0.00	--					1	14	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	15	1			0.00	--			1	16	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	17	1					0.00	--	1	18	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	19	1	0.00	--					1	20	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	21	1			0.00	--			1	22	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	23	1				

PANEL: PS2

VOLTAGE: 120/208 1Ø | FED FROM: SPP
MOUNTING: SURFACE | MAIN TYPE: MCB | MFR:
ENCLOSURE: NEMA1 | PHASE: 1 | TYPE:
MAIN: 60 A | WIRE: 3 | AIC: 10 KAIC

LC Abbr	Load Served	Wire	Trip	Ckt No	Pole	A		B		Pole	Ckt No	Trip	Wire	Load Served	LC Abbr
MISC...	BATTING CAGE CIRCUITS	10	30 A	1	2	1.10	0.36			1	2	20 A	12	REC - STORAGE BUILDING	RE...
				3				1.10	0.18	1	4	20 A	12	REC - STORAGE BUILDING	RE...
RE...	REC - STORAGE BUILDING	12	20 A	5	1	0.36	0.56			1	6	20 A	12	LIGHTS	LIG...
MI...	GARAGE DOOR	12	20 A	7	1			0.36	0.18	1	8	20 A	12	DED REC AT PANEL	RE...
MI...	GARAGE DOOR	12	20 A	9	1	0.36	0.54			1	10	20 A	12	REC - STORAGE BUILDING	RE...
MI...	GARAGE DOOR	12	20 A	11	1			0.36	0.00	1	12	20 A	-	SPARE	Sp...
Sp...	SPARE	-	20 A	13	1	0.00	0.00			1	14	20 A	-	SPARE	Sp...
Sp...	SPARE	-	20 A	15	1			0.00	0.00	1	16	20 A	-	SPARE	Sp...
Sp...	SPARE	-	20 A	17	1	0.00	0.00			1	18	20 A	-	SPARE	Sp...
Sp...	SPARE	-	20 A	19	1			0.00	0.00	1	20	20 A	-	SPARE	Sp...
Sp...	SPARE	-	20 A	21	1	0.00	--			1	22	--	-	SPACE ONLY	
	SPACE ONLY	-	--	23	1			--	--	1	24	--	-	SPACE ONLY	
	SPACE ONLY	-	--	25	1	--	--			1	26	--	-	SPACE ONLY	
	SPACE ONLY	-	--	27	1			--	--	1	28	--	-	SPACE ONLY	
	SPACE ONLY	-	--	29	1	--	--			1	30	--	-	SPACE ONLY	

	LOAD	Connected Load	Demand Factor	Estimated Demand
L	LIGHTS	0.56 kVA	125.00%	0.70 kVA
LE	LIGHTING - EXTERIOR	0.00 kVA	0.00%	0.00 kVA
H	HEATING	0.00 kVA	0.00%	0.00 kVA
C	COOLING	0.00 kVA	0.00%	0.00 kVA
V	VENTILATION	0.00 kVA	0.00%	0.00 kVA
M	MOTORS	0.00 kVA	0.00%	0.00 kVA
K	KITCHEN	0.00 kVA	0.00%	0.00 kVA
R	RECEPTACLES	1.62 kVA	77.78%	1.26 kVA
WH	WATER HEATER	0.00 kVA	0.00%	0.00 kVA
MS	MISC.	3.28 kVA	100.00%	3.28 kVA
S	Spare	0.00 kVA	0.00%	0.00 kVA

NOTES:
1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
4. ALL INCOMING PANEL & BRKR LUGS SHALL MATCH FEEDERS.
5. PROVIDE HINGED DOOR-IN-DOOR WITH OUTER DOOR LOCK.
6. PROVIDE METAL DIRECTORY FRAME.
7.

		TOTAL PER PHASE: (CONNECTED)		
TOTAL KVA...	5.46 kVA			
TOTAL KVA (DEMAND):	5.24 kVA	30.1 A	21.0 A	0.0 A
TOTAL AMP....	26 A			
TOTAL AMP. (DEMAND):	25 A			

LOAD CLASSIFICATION ABBREVIATIONS (CONT.)
F - FEEDER FOR DOWN STREAM PANEL. LOADS ARE INCLUDED IN THE PANEL LOAD SUMMARY.

PANEL: DPS

VOLTAGE: 208Y/120 3Ø | FED FROM: SERVICE #1 - UTILITY TRANSFORMER
MOUNTING: SURFACE | MAIN TYPE: MCB | MFR:
ENCLOSURE: NEMA1 | PHASE: 3 | TYPE:
MAIN: 300 A | WIRE: 4 | AIC: 42 KAIC

LC Abbr	Load Served	Wire	Trip	Ckt No	Pole	A		B		C		Pole	Ckt No	Trip	Wire	Load Served	LC Abbr
				1		8.87	1.00					2	2				
F	PANEL RPS	SR	150 A	3	3			8.87	1.00				4	30 A	10	OBSERVATION TOWER DISCONNECT*	MIS C...
				5						8.87	0.72	1	6	20 A	12	REC - STORAGE 401	R...
LI...	LIGHTING*	12	20 A	7	1	1.03	0.54					1	8	20 A	12	REC - TRACK STORAGE 403	R...
MI...	GARAGE DOOR	12	20 A	9	1			0.36	0.36			1	10	20 A	12	GARAGE DOOR	MI...
MI...	GARAGE DOOR	12	20 A	11	1					0.36	0.73	1	12	20 A	12	LIGHTING* - EXTERIOR	LI...
R...	REC - STORAGE	12	20 A	13	1	0.36	1.50					2	14	20 A	12	CUH-F3 HEATING	HEA TI...
R...	REC - RESTROOM	12	20 A	15	1			0.54	1.50				16				
V...	FAN EF-F2 AND EF-F3	12	15 A	17	1					0.44	0.18	1	18	20 A	12	REC TENNIS CONTACTOR	R...
HEA TI...	CUH-F2 HEATING	10	30 A	19	2	1.50	0.50					1	20	20 A	12	FACP NAC PANEL (NOTE 9)	MI...
				21				1.50	1.93				22				
LIG HTI N...	P1 PRACTICE FIELD	8	25 A	23	3	1.93	1.93			1.93	1.93	3	24	25 A	8	P1 PRACTICE FIELD	LIG HTI N...
				25									26				
				27				1.93	1.93				28				
LIG HTI N...	P1 PRACTICE FIELD	10	25 A	29	3	1.93	1.93			1.93	1.93	3	30	25 A	8	P1 PRACTICE FIELD	LIG HTI N...
				31									32				
				33				1.93	0.00			1	34	20 A	-	SPARE	Sp...
Sp...	SPARE	-	20 A	35	1					0.00	0.00	1	36	20 A	-	SPARE	Sp...
Sp...	SPARE	-	20 A	37	1	0.00	--					1	38	--	-	SPACE ONLY	
	SPACE ONLY	-	--	39	1			--	--			1	40	--	-	SPACE ONLY	
	SPACE ONLY	-	--	41	1					--	--	1	42	--	-	SPACE ONLY	

	LOAD	Connected Load	Demand Factor	Estimated Demand
L	LIGHTS	1.05 kVA	125.00%	1.31 kVA
LE	LIGHTING - EXTERIOR	46.71 kVA	125.00%	58.39 kVA
H	HEATING	6.00 kVA	100.00%	6.00 kVA
C	COOLING	0.00 kVA	0.00%	0.00 kVA
V	VENTILATION	0.44 kVA	100.00%	0.44 kVA
M	MOTORS	0.00 kVA	0.00%	0.00 kVA
K	KITCHEN	0.00 kVA	0.00%	0.00 kVA
R	RECEPTACLES	2.34 kVA	73.85%	1.73 kVA
WH	WATER HEATER	0.00 kVA	0.00%	0.00 kVA
MS	MISC.	7.38 kVA	100.00%	7.38 kVA
S	Spare	0.00 kVA	0.00%	0.00 kVA

NOTES:
1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
4. ALL INCOMING PANEL & BRKR LUGS SHALL MATCH FEEDERS.
5. PROVIDE HINGED DOOR-IN-DOOR WITH OUTER DOOR LOCK.
6. PROVIDE METAL DIRECTORY FRAME.
7. THIS PANEL SHALL BE U.L. LISTED FOR USE AS S.E. EQUIP.
8. 100% RATED MAIN.
9. PROVIDE BREAKER WITH RED HANDLE AND LOCK-ON.
* - INDICATES UNIT BATTERY WITH HANDLE LOCK ON.

		TOTAL PER PHASE: (CONNECTED)		
TOTAL KVA...	63.92 kVA			
TOTAL KVA (DEMAND):	75.25 kVA	195.5 A	185.8 A	158.6 A
TOTAL AMP....	177 A			
TOTAL AMP. (DEMAND):	209 A			

LOAD CLASSIFICATION ABBREVIATIONS (CONT.)
F - FEEDER FOR DOWN STREAM PANEL. LOADS ARE INCLUDED IN THE PANEL LOAD SUMMARY.

PANEL: PG1

VOLTAGE: 208Y/120 3Ø | FED FROM:
MOUNTING: SURFACE | MAIN TYPE: MCB | MFR:
ENCLOSURE: NEMA1 | PHASE: 3 | TYPE:
MAIN: 100 A | WIRE: 4 | AIC: 10 KAIC

LC Abbr	Load Served	Wire	Trip	Ckt No	Pole	A		B		C		Pole	Ckt No	Trip	Wire	Load Served	LC Abbr
MI...	VENT FANS	12	20 A	1	1	1.00	1.00					1	2	20 A	12	VENT FANS	MI...
MI...	HAF FANS	12	20 A	3	1			1.00	1.00			1	4	20 A	12	MOTORIZED SHUTTERS	MI...
MI...	LIGHTING CIRCUIT	12	20 A	5	1					1.00	1.00	1	6	20 A	12	RECEPTACLE CIRCUIT	MI...
MI...	RECEPTACLE CIRCUIT	12	20 A	7	1	1.00	1.00					1	8	20 A	12	GREEN HOUSE CONTROLLER	MI...
Sp...	SPARE	-	20 A	9	1			0.00	--			1	10	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	11	1					0.00	--	1	12	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	13	1	0.00	--					1	14	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	15	1			0.00	--			1	16	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	17	1					0.00	--	1	18	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	19	1	0.00	--					1	20	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	21	1			0.00	--			1	22	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	23	1					0.00	--	1	24	--	-	SPACE ONLY	

	LOAD	Connected Load	Demand Factor	Estimated Demand
L	LIGHTS	0.00 kVA	0.00%	0.00 kVA
LE	LIGHTING - EXTERIOR	0.00 kVA	0.00%	0.00 kVA
H	HEATING	0.00 kVA	0.00%	0.00 kVA
C	COOLING	0.00 kVA	0.00%	0.00 kVA
V	VENTILATION	0.00 kVA	0.00%	0.00 kVA
M	MOTORS	0.00 kVA	0.00%	0.00 kVA
K	KITCHEN	0.00 kVA	0.00%	0.00 kVA
R	RECEPTACLES	0.00 kVA	0.00%	0.00 kVA
WH	WATER HEATER	0.00 kVA	0.00%	0.00 kVA
MS	MISC.	8.00 kVA	100.00%	8.00 kVA
S	Spare	0.00 kVA	0.00%	0.00 kVA

NOTES:
1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
4. ALL INCOMING PANEL & BRKR LUGS SHALL MATCH FEEDERS.
5. PROVIDE HINGED DOOR-IN-DOOR WITH OUTER DOOR LOCK.
6. PROVIDE METAL DIRECTORY FRAME.
7.

		TOTAL PER PHASE: (CONNECTED)		
TOTAL KVA...	8.00 kVA			
TOTAL KVA (DEMAND):	8.00 kVA	33.3 A	16.7 A	16.7 A
TOTAL AMP....	22 A			
TOTAL AMP. (DEMAND):	22 A			

LOAD CLASSIFICATION ABBREVIATIONS (CONT.)
F - FEEDER FOR DOWN STREAM PANEL. LOADS ARE INCLUDED IN THE PANEL LOAD SUMMARY.

PANEL: MSB2

VOLTAGE: 208Y/120 3Ø | FED FROM: SERVICE #2 - UTILITY TRANSFORMER
MOUNTING: SURFACE | MAIN TYPE: MCB | MFR:
ENCLOSURE: NEMA1 | PHASE: 3 | TYPE:
MAIN: 600 A | WIRE: 4 | AIC: 65 KAIC

LC Abbr	Load Served	Wire	Trip	Ckt No	Pole	A		B		C		Pole	Ckt No	Trip	Wire	Load Served	LC Abbr
				1		17.97	4.00						2				
F	PANEL 'RPC'	SR	250 A	3	3			15.45	4.00			3	4	60 A	4	WATER HEATER	WA TER H...
				5						30.50	4.00		6				
MIS C...	DOAS - C1	1/0	150 A	7	3	16.67	0.00						8				
				9				16.67	0.00			3	10	100 A	-	SPARE	Spa re
C...				11						16.67	0.00		12				
				13		0.00	--					1	14	--	-	SPACE ONLY	
Spa re	SPARE	-	100 A	15	3			0.00	--			1	16	--	-	SPACE ONLY	
				17						0.00	--	1	18	--	-	SPACE ONLY	

	LOAD	Connected Load	Demand Factor	Estimated Demand
L	LIGHTS	1.33 kVA	125.00%	1.67 kVA
LE	LIGHTING - EXTERIOR	0.48 kVA	125.00%	0.59 kVA
H	HEATING	0.00 kVA	0.00%	0.00 kVA
C	COOLING	50.00 kVA	100.00%	50.00 kVA
V	VENTILATION	0.00 kVA	0.00%	0.00 kVA
M	MOTORS	0.00 kVA	0.00%	0.00 kVA
K	KITCHEN	66.83 kVA	65.00%	43.44 kVA
R	RECEPTACLES	3.78 kVA	73.81%	2.79 kVA
WH	WATER HEATER	0.00 kVA	0.00%	0.00 kVA
MS	MISC.	3.50 kVA	100.00%	3.50 kVA
S	Spare	0.00 kVA	0.00%	0.00 kVA

NOTES:
1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
4. ALL INCOMING PANEL & BRKR LUGS SHALL MATCH FEEDERS.
5. PROVIDE HINGED DOOR-IN-DOOR WITH OUTER DOOR LOCK.
6. PROVIDE METAL DIRECTORY FRAME.
7. THIS PANEL SHALL BE U.L. LISTED FOR USE AS S.E. EQUIP.
8. 100% RATED.

		TOTAL PER PHASE: (CONNECTED)		
TOTAL KVA...	125.92 kVA			
TOTAL KVA (DEMAND):	101.99 kVA	325.2 A	301.0 A	429.7 A
TOTAL AMP....	350 A			
TOTAL AMP. (DEMAND):	283 A			

LOAD CLASSIFICATION ABBREVIATIONS (CONT.)
F - FEEDER FOR DOWN STREAM PANEL. LOADS ARE INCLUDED IN THE PANEL LOAD SUMMARY.

PANEL: RPC

VOLTAGE: 208Y/120 3Ø | FED FROM: MSB2
MOUNTING: SURFACE | MAIN TYPE: MCB | MFR:
ENCLOSURE: NEMA1 | PHASE: 3 | TYPE:
MAIN: 250 A | WIRE: 4 | AIC: 22 KAIC

LC Abbr	Load Served	Wire	Trip	Ckt No	Pole	A		B		C		Pole	Ckt No	Trip	Wire	Load Served	LC Abbr
R...	ELEC RM RECEPTACLES	12	20 A	1	1	0.18	0.54					1	2				
R...	REC - HW, STOR, RR	12	20 A	3	1			0.54	0.36			1	4	20 A	12	EXTERIOR RECEPTACLES	R...
R...	REC - CONCESSION	12	20 A	5	1					0.72	0.36	1	6	20 A	12	EWC (NOTE 8)	R...
R...	LS RM - RECEPTACLES	12	20 A	7	1	0.18	0.75					1	8	20 A	12	EWC (NOTE 8)	R...
R...	RPC1 PUMP	12	20 A	9	1			0.18	0.69			1	10	20 A	12	216 - FREEZER (NOTE 8)	KI...
KI...	221 - PIZZA DISPLAY CAB	12	20 A	11	1					1.44	1.00	1	12	20 A	12	202 - REFRIGERATOR (NOTE 8)	KI...
KI...	221 - PIZZA DISPLAY CAB	12	20 A	13	1	1.44	--					1	14	--	-	220 - P.O.S	KI...
KI...	202 - REFRIGERATOR (NOTE 8)	12	20 A	15	1			0.69	1.20			1	16	20 A	12	SPACE ONLY	
KI...	222 - POPCORN MACHINE	12	20 A	17	1					1.20	1.40	1	18	20 A	12	222 - POPCORN MACHINE	KI...
KI...	205 - UNDERCOUNT REFRIG(NOTE 8)	12	20 A	19	1	0.76	0.76					1	20	20 A	12	206 - MOBILE HOT CABINET	KI...
KI...	205 - UNDERCOUNT REFRIG(NOTE 8)	12	20 A	21	1			0.76	0.76			1	22	20 A	12	205 - UNDERCOUNT REFRIG(NOTE 8)	KI...
KI...	216 - FREEZER(NOTE 8)	12	20 A	23	1					0.75	0.76	1	24	20 A	12	205 - UNDERCOUNT REFRIG(NOTE 8)	KI...
KI...	216 - FREEZER(NOTE8)	12	20 A	25	1	0.75	3.84					1	26	50 A	6	216 - FREEZER (NOTE 8)	KI...
R...	REC - RESTROOM	12	20 A	27	1			0.72	1.44			1	28	20 A	12	214 - FRYER STATION	KI...
KI...	208 - NACHO CHIP WARMER	12	20 A	29	1					1.08	0.60	1	30	20 A	12	218 - TEA BREWER	KI...
KI...	210 - POPCORN MACHINE	12	20 A	31	1	1.20	0.75					2	32 34	20 A	12	209 - NACHO CHEESE WARMER	KI...
KIT C...	213 - GRIDDLE	4	60 A	33 35	2			4.16	0.75							223 - ICE MAKER	KIT C...
KI...	226 - AIR CURTAIN	10	30 A	37	1	0.50	1.50			4.16	1.50	2	36 38	35 A	8	219 - COFFEE BREWER	KIT C...
Sp...	SPARE	-	20 A	39	1			0.00	0.00			1	40	20 A	-	SPARE	Sp...
Sp...	SPARE	-	20 A	41	1					0.00	0.00	1	42	20 A	-	SPARE	Sp...
Sp...	SPARE	-	20 A	43	1	0.00	0.00					1	44	20 A	-	SPARE	Sp...
Sp...	SPARE	-	20 A	45	1			0.00	1.00			1	46	20 A	12	CAMERA/SECURITY POWER	MI...
LI...	CONCESSION LIGHTING *	12	20 A	47	1					1.33	1.00	1	48	15 A	12	FAN EF-C1	MI...
KI...	214 - FRYER STATION	6	50 A	49	1	3.84	0.48					1	50	20 A	12	LIGHTING - EXTERIOR *	LI...
KI...	228 - AIR CURTAIN	12	20 A	51	1			1.20	1.00			1	52	20 A	12	MECH BAS	MI...
KI...	228 - AIR CURTAIN	12	20 A	53	1					1.20	12.00	1	54	20 A	12	EXTERIOR LIGHTING TIME CLOCK	KI...
MI...	FIRE ALARM (NOTE 9)	12	20 A	55	1	0.50	0.00						56				
Sp...	SPARE	-	20 A	57	1			0.00	0.00			3	58	30 A	-	SPARE	Spa re
Sp...	SPARE	-	20 A	59	1					0.00	0.00		60				
Sp...	SPARE	-	20 A	61	1	0.00	0.00						62				
Sp...	SPARE	-	20 A	63	1			0.00	0.00			3	64	20 A	-	SPARE	Spa re
Sp...	SPARE	-	20 A	65	1					0.00	0.00		66				
Sp...	SPARE	-	20 A	67	1	0.00	0.00					1	68	20 A	-	SPARE	Sp...
Sp...	SPARE	-	20 A	69	1			0.00	0.00			1	70	20 A	-	SPARE	Sp...
Sp...	SPARE	-	20 A	71	1					0.00	0.00	1	72	20 A	-	SPARE	Sp...
Sp...	SPARE	-	20 A	73	1	0.00	--					1	74	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	75	1			0.00	--			1	76	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	77	1					0.00	--	1	78	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	79	1	0.00	--					1	80	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	81	1			0.00	--			1	82	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	83	1					0.00	--	1	84	--	-	SPACE ONLY	

	LOAD	Connected Load	Demand Factor	Estimated Demand
L	LIGHTS	1.33 kVA	125.00%	1.67 kVA
LE	LIGHTING - EXTERIOR	0.48 kVA	125.00%	0.59 kVA
H	HEATING	0.00 kVA	0.00%	0.00 kVA
C	COOLING	0.00 kVA	0.00%	0.00 kVA
V	VENTILATION	0.00 kVA	0.00%	0.00 kVA
M	MOTORS	0.00 kVA	0.00%	0.00 kVA
K	KITCHEN	54.83 kVA	65.00%	35.64 kVA
R	RECEPTACLES	3.78 kVA	73.81%	2.79 kVA
WH	WATER HEATER	0.00 kVA	0.00%	0.00 kVA
MS	MISC.	3.50 kVA	100.00%	3.50 kVA
S	Spare	0.00 kVA	0.00%	0.00 kVA

NOTES:
1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
4. ALL INCOMING PANEL & BRKR LUGS SHALL MATCH FEEDERS.
5. PROVIDE HINGED DOOR-IN-DOOR WITH OUTER DOOR LOCK.
6. PROVIDE METAL DIRECTORY FRAME.
7. PROVIDE FEED THRU LUGS.
8. PROVIDE CLASS A GFI (6mA-PERSONNEL) BRKR (250' MAX).
9. FPROVIDE BREAKER WITH RED HANDLE AND LOCK-ON.
* - INDICATES UNIT BATTERY WITH HANDLE LOCK-ON.

		TOTAL PER PHASE: (CONNECTED)		
TOTAL KVA...	63.92 kVA			
TOTAL KVA (DEMAND):	44.19 kVA	152.9 A	128.8 A	257.4 A
TOTAL AMP....	177 A			
TOTAL AMP. (DEMAND):	123 A			

LOAD CLASSIFICATION ABBREVIATIONS (CONT.)
F - FEEDER FOR DOWN STREAM PANEL. LOADS ARE INCLUDED IN THE PANEL LOAD SUMMARY.

PANEL: DFP

VOLTAGE: 208Y/120 3Ø | FED FROM: SERVICE #3 - UTILITY TRANSFORMER
MOUNTING: SURFACE | MAIN TYPE: MCB | MFR:
ENCLOSURE: NEMA3R | PHASE: 3 | TYPE:
MAIN: 400 A | WIRE: 4 | AIC: 42 KAIC

LC Abbr	Load Served	Wire	Trip	Ckt No	Pole	A		B		C		Pole	Ckt No	Trip	Wire	Load Served	LC Abbr
				1		4.67	4.67						2				
LIG HTI N...	FOOTBALL LIGHTING - F1	4	60 A	3	3			4.67	4.67				4	60 A	4	FOOTBALL LIGHTING - F1	LIG HTI N...
				5						4.67	4.67		6				
				7		4.67	4.67						8				
LIG HTI N...	FOOTBALL LIGHTING - F1	1	60 A	9	3			4.67	4.67			3	10	60 A	4	FOOTBALL LIGHTING - F1	LIG HTI N...
				11						4.67	4.67		12				
MI...	MISC. - POWER (SEC/COMM)	12	20 A	13	1	1.00	1.00					1	14	20 A	12	MISC. - POWER (SEC/COMM)	MI...
MI...	MISC. - POWER (SEC/COMM)	8	20 A	15	1			1.00	1.00			1	16	20 A	8	MISC. - POWER (SEC/COMM)	MI...
MI...	FOOTBALL SCOREBOARD	8	20 A	17	1					2.00	1.00	1	18	20 A	12	CONT6 FB LGT CONTACTOR PNL	MI...
Sp...	SPARE	-	20 A	19	1	0.00	2.93						20				
F	PANEL 'PFP'	SR	125 A	21	2			9.00	2.93			3	22	50 A	SR	PANEL INV2	LIG HTI N...
				23						9.00	2.93		24				
				25		0.00	1.00						26	20 A	8	FOOTBALL FLAG POLE	MI...
Spa re	SPARE	-	50 A	27	3			0.00	0.18			1	28	20 A	8	REC - SIDELINE POWER	R...
				29						0.00	0.18	1	30	20 A	8	REC - PLAY CLOCK REC.	R...
				31		0.00	0.18						32	20 A	10	REC - SIDELINE POWER	R...
Spa re	SPARE	-	30 A	33	3			0.00	0.18			1	34	20 A	8	REC - PLAY CLOCK REC.	R...
				35						0.00	--	1	36	--	-	SPACE ONLY	
Sp...	SPARE	-	20 A	37	1	0.00	--					1	38	--	-	SPACE ONLY	
	SPACE ONLY	-	--	39	1			--	--			1	40	--	-	SPACE ONLY	
	SPACE ONLY	-	--	41	1					--	--	1	42	--	-	SPACE ONLY	

	LOAD	Connected Load	Demand Factor	Estimated Demand
L	LIGHTS	0.00 kVA	0.00%	0.00 kVA
LE	LIGHTING - EXTERIOR	64.80 kVA	125.00%	81.00 kVA
H	HEATING	0.00 kVA	0.00%	0.00 kVA
C	COOLING	0.00 kVA	0.00%	0.00 kVA
V	VENTILATION	0.00 kVA	0.00%	0.00 kVA
M	MOTORS	0.00 kVA	0.00%	0.00 kVA
K	KITCHEN	0.00 kVA	0.00%	0.00 kVA
R	RECEPTACLES	0.72 kVA	92.50%	0.67 kVA
WH	WATER HEATER	0.00 kVA	0.00%	0.00 kVA
MS	MISC.	26.00 kVA	100.00%	26.00 kVA
S	Spare	0.00 kVA	0.00%	0.00 kVA

NOTES:
1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
4. ALL INCOMING PANEL & BRKR LUGS SHALL MATCH FEEDERS.
5. PROVIDE HINGED DOOR-IN-DOOR WITH OUTER DOOR LOCK.
6. PROVIDE METAL DIRECTORY FRAME.
7. SR - SEE RISER
8. SERVICE ENTRANCE RATED.

		TOTAL PER PHASE: (CONNECTED)		
TOTAL KVA...	91.52 kVA			
TOTAL KVA (DEMAND):	107.67 kVA	206.5 A	285.2 A	292.0 A
TOTAL AMP....	254 A			
TOTAL AMP. (DEMAND):	299 A			

LOAD CLASSIFICATION ABBREVIATIONS (CONT.)
F - FEEDER FOR DOWN STREAM PANEL. LOADS ARE INCLUDED IN THE PANEL LOAD SUMMARY.

PANEL: INV2

VOLTAGE: 208Y/120 3Ø | FED FROM: DFP
MOUNTING: | MAIN TYPE: 10kW | MFR: MYERS
ENCLOSURE: Type 1 | PHASE: 3 | TYPE:
MAIN: 100 A | WIRE: 4 | AIC:

LC Abbr	Load Served	Wire	Trip	Ckt No	Pole	A		B		C		Pole	Ckt No	Trip	Wire	Load Served	LC Abbr
				1		0.73	0.73						2				
LIG HTI N...	EM LIGHTING POLE F1	12	20 A	3	3			0.73	0.73			3	4	20 A	6	EM LIGHTING POLE F2	LIG HTI N...
				5						0.73	0.73		6				
				7		0.73	0.73						8				
LIG HTI N...	EM LIGHTING POLE F1	12	20 A	9	3			0.73	0.73			3

PANEL: RPS

VOLTAGE: 208Y/120 3Ø
FED FROM: DPS
MOUNTING: SURFACE
MAIN TYPE: MLO
MFR:
ENCLOSURE: NEMA1
PHASE: 3
TYPE:
MAIN: 150 A
WIRE: 4
AIC: 22 KAIC

LC Abbr	Load Served	Wire	Trip	Ckt No	Pole	A	B	C	Pole	Ckt No	Trip	Wire	Load Served	LC Abbr
				1		1.90	1.90			2				
LIGHTIN...	T1+P & T2+P TENNIS LIGHTING - EXTERIOR	8	25 A	3	3		1.90	1.90	3	4	25 A	8	T2+P & T1 TENNIS LIGHTING - EXTERIOR	LIGHTIN...
				5				1.90		6				
LIGHTIN...	T1 & T2 TENNIS LIGHTING - EXTERIOR	8	25 A	7	3	1.90	1.90		3	8	25 A	8	T2 & T1 TENNIS LIGHTING - EXTERIOR	LIGHTIN...
				9			1.90	1.90		10				
				11				1.90		12				
MISC:	TENNIS AREA LGT - VIA PHOTO CELL	10	20 A	13	3	1.27	0.00		3	14	20 A	-	SPARE	Spare
				15			1.27	0.00		16				
				17				1.27		18				
MI...	TIME CLOCK - STORAGE 401	-	20 A	19	1	0.00	0.00		1	20	20 A	-	SPARE	Sp...
	SPACE ONLY	-	--	21	1		--	0.00	1	22	20 A	-	SPARE	Sp...
	SPACE ONLY	-	--	23	1			--	1	24	20 A	-	SPARE	Sp...
	SPACE ONLY	-	--	25	1	--	0.00		1	26	20 A	-	SPARE	Sp...
	SPACE ONLY	-	--	27	1		--	0.00	1	28	20 A	-	SPARE	Sp...
	SPACE ONLY	-	--	29	1			--	1	30	--	-	SPACE ONLY	
	SPACE ONLY	-	--	31	1	--	--		1	32	--	-	SPACE ONLY	
	SPACE ONLY	-	--	33	1		--	--	1	34	--	-	SPACE ONLY	
	SPACE ONLY	-	--	35	1			--	1	36	--	-	SPACE ONLY	
	SPACE ONLY	-	--	37	1	--	--		1	38	--	-	SPACE ONLY	
	SPACE ONLY	-	--	39	1		--	--	1	40	--	-	SPACE ONLY	
	SPACE ONLY	-	--	41	1			--	1	42	--	-	SPACE ONLY	

	LOAD	Connected Load	Demand Factor	Estimated Demand
L	LIGHTS	0.00 kVA	0.00%	0.00 kVA
LE	LIGHTING - EXTERIOR	22.80 kVA	125.00%	28.50 kVA
H	HEATING	0.00 kVA	0.00%	0.00 kVA
C	COOLING	0.00 kVA	0.00%	0.00 kVA
V	VENTILATION	0.00 kVA	0.00%	0.00 kVA
M	MOTORS	0.00 kVA	0.00%	0.00 kVA
K	KITCHEN	0.00 kVA	0.00%	0.00 kVA
R	RECEPTACLES	0.00 kVA	0.00%	0.00 kVA
WH	WATER HEATER	0.00 kVA	0.00%	0.00 kVA
MS	MISC.	3.80 kVA	100.00%	3.80 kVA
S	Spare	0.00 kVA	0.00%	0.00 kVA

NOTES:
1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
4. ALL INCOMING PANEL & BRKR LUGS SHALL MATCH FEEDERS.
5. PROVIDE HINGED DOOR-IN-DOOR WITH OUTER DOOR LOCK.
6. PROVIDE METAL DIRECTORY FRAME.

TOTAL KVA...	26.60 kVA	TOTAL PER PHASE: (CONNECTED)		
TOTAL KVA (DEMAND):	32.30 kVA	73.9 A	73.9 A	73.9 A
TOTAL AMP....	74 A			
TOTAL AMP. (DEMAND):	90 A			

LOAD CLASSIFICATION ABBREVIATIONS (CONT.)
F - FEEDER FOR DOWN STREAM PANEL. LOADS ARE INCLUDED IN THE PANEL LOAD SUMMARY.

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SOUTH CAROLINA OPTIMA ENGINEERING P.A. No. C00710 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PE 2018 PROFESSIONAL ENGINEER

State Board of Registration for Professional Engineers and Surveyors.

11/19/2025

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

OPT PROJECT: 23-0084
LS3P PROJECT: 1201-217190
DATE: 10.31.2025

PANEL SCHEDULES

E-704

CONSTRUCTION DOCUMENTS

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MECHANICAL HEATER CONNECTIONS

ID	COMPONENT INFORMATION: ELECTRIC HEAT HEATING ELEMENT POWER	CIRCUIT INFORMATION: EQUIP. WATTS	EQUIPMENT INFORMATION: DEVICE BREAKER	FUSE	VOLT	PH	CIRCUIT INFORMATION: LOAD CLASSIFICATION	DISCONNECT
CUH-F1	2 kW	0.00 kVA	Yes	Yes	208 V	1	HEATING	BY MC
CUH-F2	5 kW	0.00 kVA	Yes	Yes	208 V	1	HEATING	BY MC
CUH-F3	3 kW	0.00 kVA	Yes	Yes	208 V	1	HEATING	BY MC

MECHANICAL DOAS UNIT

ID	KILLOWATTS	COMPONENT INFORMATION: COMPRESSOR MOTOR POWER	CIRCUIT INFORMATION: EQUIP. WATTS	COMPONENT INFORMATION: COMPRESSOR MOTOR RLA	EQUIPMENT INFORMATION: FLA	MCA	MOCP	VOLT	PH	CIRCUIT INFORMATION: LOAD CLASSIFICATION
Air Handling Unit										
DOAS-2*	33.8 kW	25.0 hp	33.75 kVA	12.8 A	40.6 A	43.8 A	45.0 A	480 V	3	MOTORS

DISCONNECT: 200/FPN-3P-3R

NOTES: MECHANICAL TO PROVIDE MOTOR RATED SWITCH UNLESS OTHERWISE NOTED.

MECHANICAL FAN SCHEDULE

ID	EQUIP. WATTS	MOTOR POWER	EQUIPMENT INFORMATION: VOLT	PH	DISCONNECT	CONTROL TYPE
FAN EF-C1	0.02 kVA		115 V	1	BY MC	1
FAN EF-F1	0.02 kVA		115 V	1	BY MC	1
FAN EF-F2	0.18 kVA		115 V	1	BY MC	2
FAN EF-F3	0.14 kVA		115 V	1	BY MC	2

EXHAUST FANS SCHEDULE CONTROLS
1. WALL MOUNTED THERMOSTAT BY MC.
2. INTERLOCK WITH ROOM LIGHT SWITCH.

1

MECHANICAL RTU SCHEDULE

ID	MOTOR: POWER	QTY	COMPONENT INFORMATION: COMPRESSOR MOTOR RLA	EQUIPMENT INFORMATION: MCA	MOCP	VOLT	PH	CIRCUIT INFORMATION: LOAD CLASSIFICATION	DISCONNECT
DOAS-C1	3.0 hp	1	29.8 A	140.3 A	150.0 A	208 V	3	COOLING	200A/3/FPN/3R
DOAS-F1	10.0 hp	1	51.3 A	176.6 A	225.0 A	208 V	3	COOLING	400A/3/FPN/3R
SPAC-F1	3.0 hp		21.6 A	53.0 A	70.0 A	208 V	3	COOLING	100A/3/FPN/3R

PLUMBING EQUIPMENT SCHEDULE

WH1 - NATURAL GAS, 120V CONTROLS

WH2 - 12KW, 208V 3 PHASE

RCP1 - 70W, 120V

1

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

OPT PROJECT: 23-0084
LS3P PROJECT: 1201-217190
DATE: 10.31.2025

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

E-705

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CONSTRUCTION DOCUMENTS

LIGHTING SCHEDULE

TYPE	DESCRIPTION	MINIMUM LUMENS	CCT	TOTAL FIXURE WATTAGE	DRIVER	VOLT	VOLTAGE	MANUFACTURER	MODEL	REMARKS
DL2	6" RECESSED LED DOWNLIGHT	2,000	4000K	25.0 W	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	120 V	UNIV	MAXILUME OR APPROVED EQUAL	HH6-LED	MINIMUM 10% DIMMING DLC/ENERGY STAR LISTED WET LISTED
EMB1	EMERGENCY AC BUG EYE FIXTURE			2.0 W	INTEGRAL LED DRIVER	120 V	UNIV	LITHONIA LIGHTALARMS DUAL-LITE MULE SURE-LITES	ELM2L SEL25 EVHC SELA	TEST SWITCH PROVIDED AC POWERED
EMB1B	EMERGENCY BATTERY BUG EYE FIXTURE			2.0 W	INTEGRAL LED DRIVER	120 V	UNIV	LITHONIA LIGHTALARMS DUAL-LITE MULE SURE-LITES	ELM2L SEL25 EVHC SELA	TEST SWITCH PROVIDED SEALED 90 MINUTE BATTERY
EMBSB	INTERIOR EMERGENCY BATTERY EGRESS LIGHT AND EXIT COMBO	[redacted]	3500K	3.0 W	INTEGRAL LED DRIVER	120 V	UNIV	LITHONIA CHLORIDE DUAL-LITE MULE SURE-LITES	LHQM LED VLLCR2R HCKUR CEU COMBO LPXC	TEST SWITCH PROVIDED SEALED 90 MINUTE BATTERY
EX1B	CLEAR EDGE-LIT EXIT SIGN ON BATTERY			1.0 W	INTEGRAL LED DRIVER	277 V	UNIV	LITHONIA CHLORIDE DUAL-LITE MULE SURE-LITE	LRP ER44DU1/2RX *LSNX CEL EUX	EXIT SIGN, SEE PLANS FOR FACE STYLE, MOUNTING AND QTY, AC ONLY, TEST SWITCH PROVIDED, UL LISTED FOR DAMP LOCATIONS
EX1BW	CLEAR EDGE-LIT EXIT SIGN - BATTERY		3500K	1.0 W	INTEGRAL LED DRIVER	120 V	UNIV	LITHONIA CHLORIDE DUAL-LITE MULE SURE-LITE	LRP ER44DU1/2RX *LSNX CEL EUX	EXIT SIGN, NICKEL CADMIUM 90 MINUTE BATTERY, SEE PLANS FOR FACE STYLE, MOUNTING AND QTY, AC ONLY, TEST SWITCH PROVIDED, UL LISTED FOR DAMP LOCATIONS
FPL4	2X4 LED LAY-IN TROFFER	4,200	4000K	38.0 W	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	120 V	UNIV	LITHONIA DAYBRITE H.E. WILLIAMS COOPER	EPANL 2X4 2FPZ 50-G-S24 24FPSLSCTS	UL LISTED DAMP LOCATIONS DLC LISTED 4000K 4000 MINIMUM LUMENS UL LISTED DAMP LOCATIONS
FPL5	2X4 LED FLAT PANEL	4,800	4000K	45.0 W	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	120 V	UNIV	LITHONIA DAYBRITE COOPER	EPANL 2X4 2FPZ 24FPSLSCT9	COORDINATE MOUNTING WITH CEILING TYPE. UL LISTED DAMP LOCATIONS DLC LISTED 4000K 48000 MINIMUM LUMENS UL LISTED DAMP LOCATIONS
MFL1	EXTERIOR SIDEWALK POLE	3,600	4000K	36.0 W	INTEGRAL LED DRIVER (0-10V DIMMING)	120 V	UNIV	LIGMAN LIGHTIN USA	UAR-20973-VW-W30-01-120/277V	UAR-20973 TOP LIGHT, 9.8 FOOT POLE
OWL1	WALL PACK TRAPEZOID LED	6,000	4000K	107.0 W	INTEGRAL LED DRIVERS (2)	120 V	UNIV	GARDCO LITHONIA HUBBELL BROWNLEE MCGRAW-EDISON	101L-32L WST LED 2 700 mA SR2 MVOLT TRPC-13LU 5K BZ DT A032 MCGRAW IST B02 LED E1 GZW	COLOR CHOSEN BY ARCHITECT 7"HX16"WX9"D 6000 LUMENS (WIDE ANGLE)
OWL1B	WALL PACK TRAPEZOID LED W/ BATTERY	6,000	4000K	107.0 W	INTEGRAL LED DRIVERS (2)	120 V	UNIV	GARDCO LITHONIA HUBBELL BROWNLEE MCGRAW-EDISON	101L-32L - EBPC WST LED 2 700 mA SR2 MVOLT TRPC-13LU 5K BZ DT A032 MCGRAW IST B02 LED E1 GZW	COLOR CHOSEN BY ARCHITECT LS 101 EMERGENCY COMPLIANT 90 MINUTE EMERGENCY BATTERY 7"HX16"WX9"D 6000 LUMENS (WIDE ANGLE)
STL1	4 FT. LED STRIP	5,000	4000K	39.0 W	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	120 V	UNIV	ELITE LITHONIA METALUX	4-OEC-LED-5000L-DIM10-MVOLT-40K-85 CLX L48 5000LM SEF WDL MVOL GZ10 40K 80CRI 4SNLED LDS 48SL LW UNV L840 CD 1	PROVIDE CHAIN FOR PENDANT MOUNTING PROVIDE WIRE GUARD LENSED DLC LISTED
STL8	8 FT. LED STRIP	8,000	4000K	61.0 W	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	120 V	UNIV	ELITE LITHONIA METALUX	8-OEC-LED-8000L-DIM10-MVOLT-40K-85 CLX L96 8000LM SEF WDL MVOL GZ10 40K 80CRI 8SNLED LDS 81SL LW UNV L840 CD 1	PROVIDE CHAIN FOR PENDANT MOUNTING PROVIDE WIRE GUARD LENSED DLC LISTED
UCL1	SURFACE MOUNTED LED CANOPY LIGHT	2,500	4000K	30.0 W	INTEGRAL LED DRIVER (2)	120 V	UNIV	KENALL LUMINAIRE BROWNLEE	MR17FD PP 2SL40K 277 APPROVED EQUAL APPROVED EQUAL	4000K MINIMUM 2,500 LUMENS FINISH CHOSEN BY ARCHITECT UL LISTED WET LOCATION
VTL4	VAPORTITE LED STRIP	4,000	4000K	30.0 W	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	120 V	UNIV	METALUX LUMAX APPROVED EQUAL	2VT2-LD5 VWBTLED APPROVED EQUAL	PROVIDE CHAIN FOR PENDANT MOUNTING PROVIDE WIRE GUARD OR HEAVY DUTY SHADDER RESISTANT FOR DUGOUTS LENSED, DLC LISTED 4000 MINIMUM LUMENS
VTL4E	VAPORTITE LED STRIP W/ EMERGENCY 90 MINUTE BATTERY	4,000	4000K	30.0 W	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	120 V	UNIV	METALUX LUMAX APPROVED EQUAL	2VT2-LD5 VWBTLED APPROVED EQUAL	PROVIDE CHAIN FOR PENDANT MOUNTING PROVIDE WIRE GUARD OR HEAVY DUTY SHADDER RESISTANT FOR DUGOUTS LENSED, DLC LISTED 4000 MINIMUM LUMENS
VTL8	VAPORTITE LED STRIP 8' TOTAL OR 2 FIXTURES	8,000	4000K	61.0 W	INTEGRAL LED DRIVER (STANDARD 0-10V DIMMING)	120 V	UNIV	METALUX LUMAX APPROVED EQUAL	(2) 2VT2-LD5 (2) VWBTLED APPROVED EQUAL	PROVIDE CHAIN FOR PENDANT MOUNTING PROVIDE WIRE GUARD OR HEAVY DUTY SHADDER RESISTANT FOR DUGOUTS LENSED, DLC LISTED 4000 MINIMUM LUMENS

LIGHT FIXTURE NOTES

1. ALL FIXTURES SHALL BE LED UNLESS OTHERWISE SPECIFIED. COLOR TEMPERATURE SHALL BE 3500K UNLESS OTHERWISE NOTED.
2. LED DRIVERS SHALL BE PROVIDED FROM PER MANUFACTURER RECOMMENDATION. AS PART OF THIS RECOMMENDATION COORDINATE THE REQUIRED WAVE OUTPUT SO THEY ARE COMPATIBLE.
3. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT FIXTURE LOCATIONS.
4. SUSPEND ALL FOUR CORNERS WITH WIRE TO STRUCTURE. DO NOT ALLOW GRID ALONE TO SUPPORT FIXTURE.
5. FIXTURES LOCATED AT GYPSUM CEILING LOCATIONS SHALL HAVE FLANGE KIT PROVIDE.
6. FIXTURES WITH EMERGENCY BATTERY PACKS SHALL BE SUPPLIED WITH 1100 LUMEN INVERTERS.
7. PROVIDE INTEGRAL SURGE PROTECTION ON ALL EXTERIOR LED DRIVER FIXTURE TYPES.
8. DIMMING OF FIXTURES SHALL BE WITH A SWITCH AS RECOMMENDED BY THE DRIVER MANUFACTURER.
9. THE CONTRACTOR SHALL VERIFY THE LEAD TIME OF ALL PRODUCTS SPECIFIED IN THIS SCHEDULE AT THE TIME OF PACKAGE QUOTE.
10. DURING THE BID PROCESS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DELIVERY/SCHEDULING ISSUES.
11. NO SUBSTITUTIONS WILL BE ALLOWED DUE TO LACK OF COORDINATION OF DELIVERY DATES AND CONSTRUCTION SCHEDULE AFTER BID.
12. ALL EXPEDITED EXPENSES SHALL BE THE RESPONSIBILTY OF THE CONTRACTOR.
13. FIXTURES TO BE INSTALLED IN CEILINGS, INDICATED ON ARCHITECTURAL PLANS AS HAVING INSULATION IN CONTACT WITH CEILING SURFACE, SHALL BE IC RATED BY MANUFACTURER.
14. LED DRIVERS LOCATED IN UNCONDITIONED SPACES SHALL BE RATED FOR 90 DEGREES F.
15. PROVIDE 90 MINUTE EMERGENCY BATTERY BACK UP. EMERGENCY BACK UP SHALL BE BASED ON TYPE OF FIXTURE, LED DRIVER, BALLAST, ETC. EMERGENCY BACKUP SHALL BE DUAL INPUT FOR BOTH SWITCHING AND CHARGING. PROVIDE UNSWITCHED "HOT" FROM LOCAL CIRCUIT UNLESS OTHERWISE INDICATED ON PLANS. PROVIDE WITH INDICATOR LIGHT. INSTALL LED INDICATOR ON LIGHT FIXTURE UNLESS DECORATIVE. DECORATIVE FIXTURES SHALL HAVE INDICATOR PLACED AT LOCAL CEILING. BODINE, PHILLIPS, POWER SENTRY OR EQUAL.
16. POLES PROVIDED FOR LED FIXTURES SHALL BE METAL, REGARDLESS OF SPECIFICATION FOR GROUNDING PURPOSES.

SPORTS LIGHTING POLE/LIGHTING SCHEDULE

TYPE	DESCRIPTION	TOTAL FIXURE WATTAGE	ASDFADSF	DRIVER	VOLT	VOLTAGE	MANUFACTURER	LUMINAIRE TYPE AND QUANTITY	REMARKS
A1	BASEBALL LIGHTING - 70' POLE	7000.0 W	7000W SPORTS +600W EMERGENCY +1350W PATHWAY	INTEGRAL LED DRIVER	208 V	UNIV	GEOSPORT MUSCO LIGHTING QUALITE	(2) W40 (2) NARROW (6) MEDIUM (2) XWIDE EMERGENCY FED (2) XWIDE PATHWAY	EMERGENCY SUPPLIMENTAL LIGHTING SHALL BE 208V/3 PHASE
A2	BASEBALL LIGHTING - 70' POLE	7000.0 W	7000W SPORTS +600W EMERGENCY +1350W PATHWAY	INTEGRAL LED DRIVER	208 V	UNIV	GEOSPORT MUSCO LIGHTING QUALITE	(2) W40 (2) NARROW (6) MEDIUM (2) XWIDE EMERGENCY FED (2) XWIDE PATHWAY	EMERGENCY SUPPLIMENTAL LIGHTING SHALL BE 208V/3 PHASE
A3	SOFTBALL LIGHTING - 70' POLE	2600.0 W	2600W SPORTS +600W EMERGENCY +1350W PATHWAY	INTEGRAL LED DRIVER	208 V	UNIV	GEOSPORT MUSCO LIGHTING QUALITE	(1) NARROW (1) MEDIUM (2) WIDE (2) XWIDE EMERGENCY FED (X)WIDE PATHWAY	
A4	SOFTBALL LIGHTING - 70' POLE	2600.0 W	2600W SPORTS +600W EMERGENCY +1350W PATHWAY	INTEGRAL LED DRIVER	208 V	UNIV	GEOSPORT MUSCO LIGHTING QUALITE	(1) NARROW (1) MEDIUM (2) WIDE (2) XWIDE EMERGENCY FED (2) XWIDE PATHWAY	EMERGENCY SUPPLIMENTAL LIGHTING SHALL BE 208V/3 PHASE
B1	BASEBALL LIGHTING - 70' POLE	9500.0 W	9500W SPORTS	INTEGRAL LED DRIVER	208 V	UNIV	GEOSPORT MUSCO LIGHTING QUALITE	(4) NARROW (8) MEDIUM (2) XWIDE	
B2	BASEBALL LIGHTING - 70' POLE	9500.0 W	9500W SPORTS 1350W PATHWAY	INTEGRAL LED DRIVER	208 V	UNIV	GEOSPORT MUSCO LIGHTING QUALITE	(5) NARROW (7) MEDIUM (2) XWIDE (2)XWIDE PATHWAY	
B3	SOFTBALL LIGHTING - 70' POLE	6900.0 W	6900W SPORTS	INTEGRAL LED DRIVER	208 V	UNIV	GEOSPORT MUSCO LIGHTING QUALITE	(4) NARROW (4) MEDIUM (2) XWIDE	
B4	SOFTBALL LIGHTING - 70' POLE	6900.0 W	6900W SPORTS 1350W PATHWAY	INTEGRAL LED DRIVER	208 V	UNIV	GEOSPORT MUSCO LIGHTING QUALITE	(4) NARROW (4) MEDIUM (2) XWIDE	
C1	BASEBALL LIGHTING - 70' POLE	9500.0 W	9500W SPORTS	INTEGRAL LED DRIVER	208 V	UNIV	GEOSPORT MUSCO LIGHTING QUALITE	(3) NARROW (9) MEDIUM (2) XWIDE	
C2	BASEBALL LIGHTING - 70' POLE	9500.0 W	9500W SPORTS	INTEGRAL LED DRIVER	208 V	UNIV	GEOSPORT MUSCO LIGHTING QUALITE	(3) NARROW (9) MEDIUM (2) XWIDE	
F1	FOOTBALL LIGHTING - 80' POLE	14000.0 W	14,000W SPORTS 1200W EMERGENCY	INTEGRAL LED DRIVER	208 V	UNIV	GEOSPORT MUSCO LIGHTING QUALITE	(12) N15 (2) M20 (2) XWIDE - EMERGENCY	
F2	VISTORS SIDE FOOTBALL LIGHTING - MOUNTED ON P1 80' POLE.	14000.0 W	14,000W SPORTS 1200W EMERGENCY	INTEGRAL LED DRIVER	208 V	UNIV	GEOSPORT MUSCO LIGHTING QUALITE	(12) N15 (2) M20 (2)XWIDE - EMERGENCY	
P1	PRACTICE FIELD LIGHT - 80' POLE, PRACTICE FIELD FIXTURES MOUNTED AT 70'-0"	5800.0 W	5800W SPORTS	INTEGRAL LED DRIVER	208 V	UNIV	GEOSPORT MUSCO LIGHTING QUALITE	(5) M20 (1) W40	(2) P1 PRACTICE FIELD POLES WILL SHARE POLE WITH 'F1' FOOTBALL FIELD POLES. REFER TO PLANS.
T1	TENNIS LIGHTING 50' POLE	2500.0 W	2500W SPORTS	INTEGRAL LED DRIVER	208 V	UNIV	GEOSPORT MUSCO LIGHTING QUALITE	(2) MEDIUM (1) WIDE (1) XWIDE (2) XWIDE TIME CLOCK CONTROLLED SITE LIGHTING WHERE SHOWN ADDITIONAL CIRCUIT ON PLANS.	
T1+P	TENNIS LIGHTING 50' POLE W/ PATHWAY LIGHTING	2500.0 W	2500W SPORTS 1350W PATHWAY	INTEGRAL LED DRIVER	208 V	UNIV	GEOSPORT MUSCO LIGHTING QUALITE	(2) MEDIUM (1) WIDE (1) XWIDE (2) XWIDE PATHWAY	
T2	DOUBLE HEAD TENNIS LIGHTING 50' POLE	3200.0 W	3200W SPORTS	INTEGRAL LED DRIVER	208 V	UNIV	GEOSPORT MUSCO LIGHTING QUALITE	(1) MEDIUM (3) WIDE (1) XWIDE (2) XWIDE TIME CLOCK CONTROLLED SITE LIGHTING WHERE SHOWN ADDITIONAL CIRCUIT ON PLANS.	
T2+P	DOUBLE HEAD TENNIS LIGHTING 50' POLE W/ PATHWAY LIGHTING	3200.0 W	3200W SPORTS 1350W PATHWAY	INTEGRAL LED DRIVER	208 V	UNIV	GEOSPORT MUSCO LIGHTING QUALITE	(1) MEDIUM (3) WIDE (1) XWIDE (2) XWIDE PATHWAY	

LIGHTING SEQUENCE OF OPERATION

A COMPLETE AND OPERATIONAL LIGHTING CONTROL SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS (SECTION 260923) AND AS INTENDED ON THESE PLANS. ALL CONTROL POINTS AND EQUIPMENT SEQUENCES OF OPERATION LISTED IN SPECIFICATION SECTION 260923 SHALL BE CONSIDERED IN ADDITION TO THOSE LISTED HERE. IN THE EVENT THAT THE VERBIAGE IS IN CONFLICT OR CONTRADICTS THE REQUIREMENTS LISTED HERE, THE QUESTION SHALL BE ASKED PRIOR TO BIDDING OR THE MORE STRINGENT SHALL APPLY.

SYSTEM DESCRIPTION:
INDEPENDENT SENSORS SHALL BE INDEPENDENT AND NOT TIED INTO THE FACILITY BUILDING AUTOMATION SYSTEM (BAS) SOFTWARE.

OCCUPANCY/VACANCY SENSORS
1. WALL MOUNTED OCCUPANCY/VACANCY SENSORS SHALL OPERATE INDEPENDENT OF LIGHTING CONTROL SYSTEM.
2. ALL OCCUPANCY SENSORS SHALL BE PROGRAMMED FOR AUTOMATIC ON (FULL LEVELS) AND AUTOMATIC OFF.
3. ALL VACANCY SENSORS SHALL BE PROGRAMMED FOR MANUAL ON (FULL LEVELS) AND AUTOMATIC OFF.

TIMER SETTINGS :
A. WALL SWITCH PASSIVE INFRARED: 2 MINUTES FOR INDIVIDUAL RESTROOMS AND STORAGE ROOMS.
B. CLASSROOMS VACANCY : 30 MINS.
C. WALL SWITCH VACANCY SENSORS OFFICES: 5 MINS.
D. CONFERENCE ROOM SENSORS OFFICES: 10 MINS.
E. OTHER SPACES NOT IDENTIFIED: 15 MINS.
F. LOCKER AND GROUP RESTROOMS: 30 MINS.

INDEPENDENT TIME CLOCKS:
A MULTI-VOLTAGE INPUT
B. ON/OFF CONTACTS, ON/OFF OVERRIDE.
C. REMOTE ACCESS AND WIFI CAPABLE
C. 365, 7-DAY CONTROLS
D. ASTRONOMIC PHOTOCELL

TIME CLOCK 'T1'
A. LOCATED IN FIELD HOUSE ELECTRICAL ROOM.
B. CONTROLS PATHWAY LIGHTING ON SPORTS POLES, SIDEWALK "MFL1" FIXTURES.
C. OVERRIDE SWITCH AND AUXILARY CONTACTORS REQUIRED IN ADDITION TO TIMER.
D. PHOTOCELL INPUT.

TIME CLOCK 'T2'
A. LOCATED IN FIELD HOUSE ELECTRICAL ROOM.
B. CONTROLS FIELD HOUSE EXTERIOR WALL PACK LIGHTING.
C. PROVIDE FAIL ON CONTACTOR.
D. USED FOR EMERGENCY LIGHTING.
E. PHOTOCELL INPUT.

TIME CLOCK 'T3'
A. LOCATED IN CONCESSION ELECTRICAL ROOM.
B. CONTROLS FIELD HOUSE EXTERIOR WALL PACK LIGHTING.
C. PROVIDE FAIL ON CONTACTOR.
D. USED FOR EMERGENCY LIGHTING.
E. PHOTOCELL INPUT.

TIME CLOCK 'T4'
A. LOCATED IN RESTROOM/STORAGE BUILDING.
B. CONTROLS TENNIS PATHWAY LIGHTING, TYPE 'T1+P' AND 'T2-P'
C. PHOTOCELL INPUT.

TIME CLOCK 'T5'
A. LOCATED IN RESTROOM/STORAGE BUILDING.
B. CONTROLS EXTERIOR WALL PACKS
C. PROVIDE FAIL ON CONTACTOR.
D. USED FOR EMERGENCY LIGHTING.
E. PHOTOCELL INPUT.

TIME SCHEDULES:
A. TIME SCHEDULES ARE TO BE DETERMINED BY THE OWNER. THIS SHALL BE COORDINATED AND DIRECTED BY OWNER AND INPUT BY THE LIGHTING PROGRAMMER.
INDIVIDUAL AREAS INTENT OF CONTROL:
- GROUP RESTROOMS: OCCUPANCY SENSOR CONTROLS WITH MANUAL KEY SWITCH OVERRIDE LOCATED IN CORRIDOR. EMERGENCY LIGHTING SHALL SUPPLEMENT AREA.
- CORRIDORS/HALLWAYS: OCCUPANCY SENSOR CONTROLLED ZONED WITH MANUAL KEY SWITCH OVERRIDE LOCATED IN CORRIDOR. EMERGENCY LIGHTING SHALL SUPPLEMENT THIS AREA.
- INDIVIDUAL RESTROOMS: ON/OFF WALL SWITCH OCCUPANCY SENSORS (PASSIVE INFRARED.)
- ELECTRICAL ROOMS, MECHANICAL ROOMS, ETC.: MANUAL ON/OFF SWITCH ONLY FOR PERSONNEL SAFETY.
- STORAGE ROOMS: ON/OFF WALL SWITCH OCCUPANCY SENSORS (PASSIVE INFRARED.)
- OFFICES/WORKROOMS: 0-10V DMMING VIA ON/OFF/DIMMING SWITCHES WITH INTEGRAL OCCUPANCY SENSORS.
- SMALL STORAGE/UTILITY ROOMS: ON/OFF WALL SWITCH OCCUPANCY SENSORS (PASSIVE INFRARED.)
- EXTERIOR CANOPY LIGHTING:ON/OFF MANUAL SWITCH AND OCCUPANCY SENSOR.
- EXTERIOR WALL PACKS: ON/OFF MANUAL SWITCH AND TIME SCHEDULE CONTROL.
- CLASSROOMS/RESOURCE ROOMS: 0-10V SWITCH CONTROLS ALL FIXTURES FOR BOTH ON/OFF AND DIMMING.

EMERGENCY LIGHTING CONTROL:
A. EXTERIOR LIGHTING CONTROL IS VIA SCHEDULED INDEPENDENT TIME CONTROL WITH PHOTOCELL CONTROL.
B. EXTERIOR EMERGENCY LIGHTING IS VIA RELAY (ENTIRE CIRCUIT.) UPON LOSS OF NORMAL POWER RELAY/CONTACTOR WILL BYPASS CONTROL.
C. MULTIPLE FIXTURES/DRIVERS ARE USED TO MEET REQUIRED EGRESS PATH ILLUMINATION.
D. INDIVIDUAL BATTERY BACK UP IS NOT USED.
E. INTERIOR EMERGENCY LIGHTING IS BATTERY. DURING NORMAL CONDITIONS THE FIXTURE IS ABLE TO BE COMPLETELY TURNED OFF BY LOCAL SWITCHING. IN EMERGENCY CONDITIONS THE INTERNAL MONITORING BYPASSES ALL SWITCHING AND PROVIDES A CONSTANTLY HOT SOURCE VIA BATTERY.

EW60
GEOSPORT STATIUM TSL 1000W
LIGHT LOSS FACTOR = 0.950
WATTS PER LUMINAIRE = 946

M20
GEOSPORT STADIUM TSL 1000W
LIGHT LOSS FACTOR = 0.950
WATTS PER LUMINAIRE = 970

N15
GEOSPORT STADIUM TSL 1000W
LIGHT LOSS FACTOR = 0.950
WATTS PER LUMINAIRE = 961

W40
GEOSPORT STADIUM TSL 1000W
LIGHT LOSS FACTOR = 0.950
WATTS PER LUMINAIRE = 952

NARROW
GEOSPORT STADIUM TSL 1000W
LIGHT LOSS FACTOR = 0.950
WATTS PER LUMINAIRE = 629

XWIDE
GEOSPORT STADIUM TSL 1000W
LIGHT LOSS FACTOR = 0.950
WATTS PER LUMINAIRE = 636

WIDE
GEOSPORT STADIUM TSL 650W
LIGHT LOSS FACTOR = 0.950
WATTS PER LUMINAIRE = 640

MEDIUM
GEOSPORT STADIUM TSL 1000W
LIGHT LOSS FACTOR = 0.950
WATTS PER LUMINAIRE = 637

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

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South Carolina License Number C-00710

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WWW.LS3P.COM

OPTIMA ENGINEERING PA No. C00710 CERTIFICATE OF AUTHORIZATION SOUTH CAROLINA

PE 27318 REGISTERED PROFESSIONAL ENGINEER SOUTH CAROLINA

State Board of Registration for Professional Engineers and Surveyors.

11/19/2025

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

OPT PROJECT: 23-0084
LS3P PROJECT: 1201-217190
DATE: 10.31.2025

LIGHTING FIXTURE SCHEDULE

E-800

CONSTRUCTION DOCUMENTS

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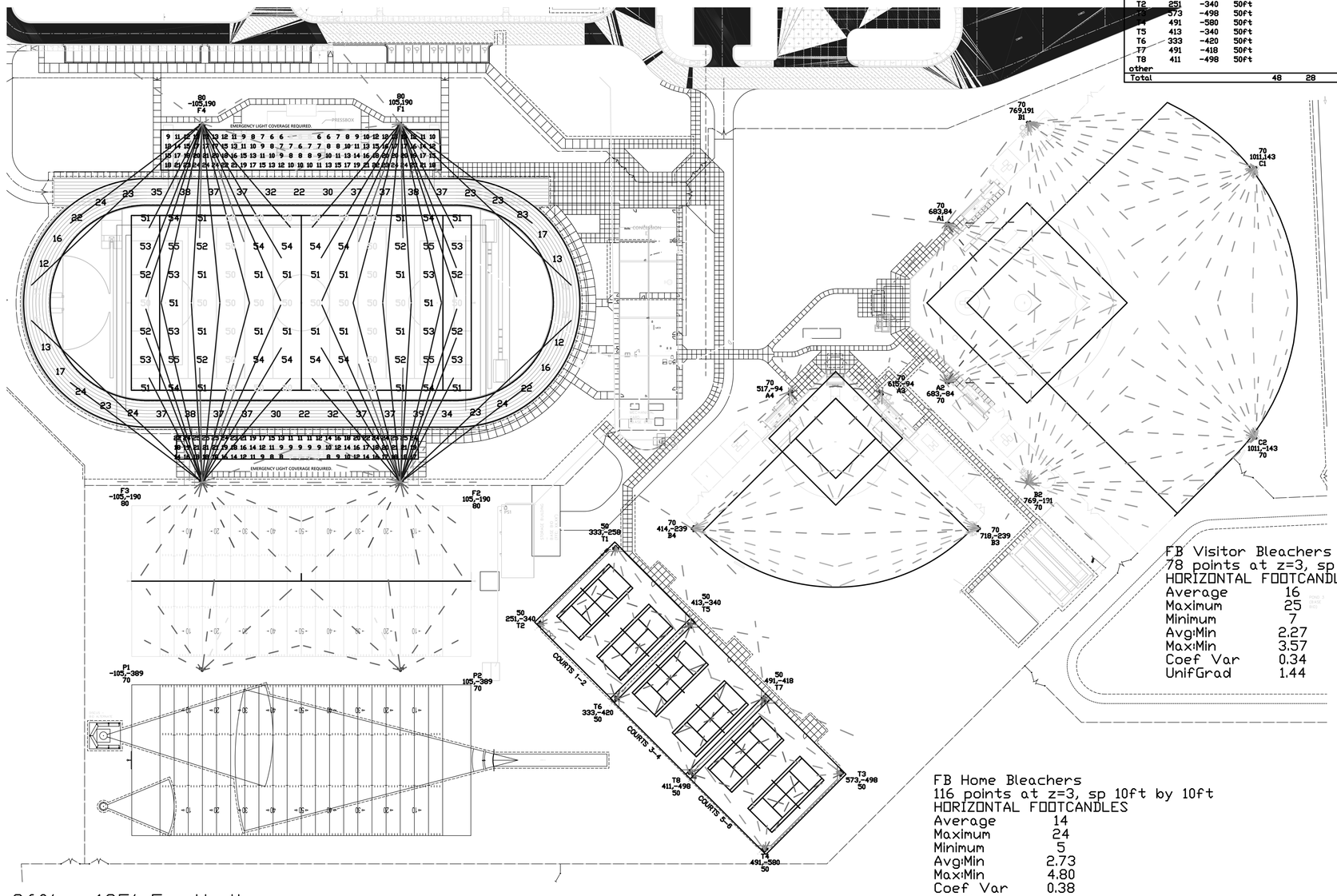
GEO SPORT LIGHTING
A TENCATE COMPANY

DASHED LINES = FIXTURES TURNED OFF
ALL PATHWAY FIXTURES TO BE FIELD AIMED
POLES F1–F2, F3–F4 A3–A4, & B2 2 PATHWAY FIXTURES MOUNTED 50' ABG
POLES F1–F2 4 EMERGENCY EGRESS FIXTURES MOUNTED 40' ABG
POLES F3–F4 2 EMERGENCY EGRESS FIXTURES MOUNTED 40' ABG
POLES A1–A4 1 EMERGENCY EGRESS FIXTURE MOUNTED 40' ABG
POLES A1–A2, A4, B2, B4, T5, & T7 2 FIELD AIMED EGRESS MOUNTED 40' ABG
NEW POLES

Pole	x-loc	y-loc	height	N15	M20	W40	EW60	NARROW	MEDIUM	WIDE	XWIDE	Total	kw
A1	683	84	70ft			2		2	6			10	7.0
A2	683	-84	70ft			2		2	6			10	7.0
A3	615	-94	70ft					1	1	2		4	2.5
A4	517	-94	70ft					1	1	2		4	2.5
B1	769	191	70ft					4	8		2	14	8.9
B2	769	-191	70ft					5	7		2	14	8.9
B3	718	-239	70ft					4	4		2	10	6.3
B4	414	-239	70ft					4	4		2	10	6.3
C1	1011	143	70ft					3	9		2	14	8.9
C2	1011	-143	70ft					3	9		2	14	8.9
F1	105	190	80ft	12	2							14	13.5
F2	105	-190	80ft	12	7	1						14-6	19.3
F3	-105	-190	80ft	12	7	1						14-6	19.3
F4	-105	190	80ft	12	2							14	13.5
P1	-105	-389	70ft		5		1					6	5.8
P2	105	-389	70ft		5		1					6	5.8
T1	333	-258	50ft						2	1	1	4	2.5
T2	251	-340	50ft						2	1	1	4	2.5
T3	573	-498	50ft						2	1	1	4	2.5
T4	491	-580	50ft						2	1	1	4	2.5
T5	413	-340	50ft						1	3	1	5	3.2
T6	333	-420	50ft						1	3	1	5	3.2
T7	491	-418	50ft						1	3	1	5	3.2
T8	411	-498	50ft						1	3	1	5	3.2
other											44	44	28.0
Total				48	28	6	2	29	67	20	64	264	193.3



360' x 185' Football
84 points at z=3, sp 30ft by 30ft
HORIZONTAL FOOTCANDLES

Average	52
Maximum	55
Minimum	50
Avg:Min	1.03
Max:Min	1.10
Coef Var	0.03
UnifGrad	1.08

Track
46 points at z=3, sp 30ft by 30ft
HORIZONTAL FOOTCANDLES

Average	26
Maximum	39
Minimum	11
Avg:Min	2.37
Max:Min	3.55
Coef Var	0.37

FB Visitor Bleachers
78 points at z=3, sp 10ft by 10ft
HORIZONTAL FOOTCANDLES

Average	16
Maximum	25
Minimum	7
Avg:Min	2.27
Max:Min	3.57
Coef Var	0.34
UnifGrad	1.44

FB Home Bleachers
116 points at z=3, sp 10ft by 10ft
HORIZONTAL FOOTCANDLES

Average	14
Maximum	24
Minimum	5
Avg:Min	2.73
Max:Min	4.80
Coef Var	0.38
UnifGrad	1.40

EW60
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 946
Number luminaires used = 2
kw these luminaires = 1.9

M20
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 970
Number luminaires used = 28
kw these luminaires = 27.2

N15
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 961
Number luminaires used = 48
kw these luminaires = 46.1

W40
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 952
Number luminaires used = 6
kw these luminaires = 5.7

NARROW
GeoSport Clr TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 629
Number luminaires used = 29
kw these luminaires = 18.2

XWIDE
GeoSport Clr TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 636
Number luminaires used = 64
kw these luminaires = 40.7

WIDE
GeoSport Clr TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 640
Number luminaires used = 20
kw these luminaires = 12.8

MEDIUM
GeoSport Clr TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 637
Number luminaires used = 67
kw these luminaires = 42.7

GEOSPORT LIGHTING
A TENCATE COMPANY

HAMPTON COUNTY HIGH SCHOOL, HAMPTON COUNTY, SC, D1

Revision 2	10/27/25	Drawing 1 of 8	877-663-5968 WWW.GEOSPORTLIGHTING.COM

1 PHOTOMETRICS UPDATED. 11-18-2025

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

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WWW.LS3P.COM

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State Board of Registration for Professional Engineers and Surveyors.
11/19/2025
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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

OPT PROJECT: 23-0084
LS3P PROJECT: 1201-217190
DATE: 10.31.2025

SPORTS FIELD PHOTOMETRIC 1

E-801

CONSTRUCTION DOCUMENTS

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DASHED LINES = FIXTURES TURNED OFF

EMERGENCY EGRESS FOR BLEACHERS

Pole	x-loc	y-loc	height	N15	M20	W40	EV60	NARROW	MEDIUM	WIDE	XWIDE	Total	kw
A1	683	84	70ft			2		2	6			10	7.0
A2	683	-84	70ft			2		2	6			10	7.0
A3	615	-94	70ft					1	1	2		4	2.5
A4	517	-94	70ft					1	1	2		4	2.5
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C1	1011	143	70ft					3	9		2	14	8.9
C2	1011	-143	70ft					3	9		2	14	8.9
F1	105	190	80ft	12	2							14	13.5
F2	105	-190	80ft	12	7	1						14-6	19.3
F3	-105	-190	80ft	12	7	1						14-6	19.3
F4	-105	190	80ft	12	2							14	13.5
P1	-105	-389	70ft		5		1					6	5.8
P2	105	-389	70ft		5		1					6	5.8
T1	333	-258	50ft						2	1	1	4	2.5
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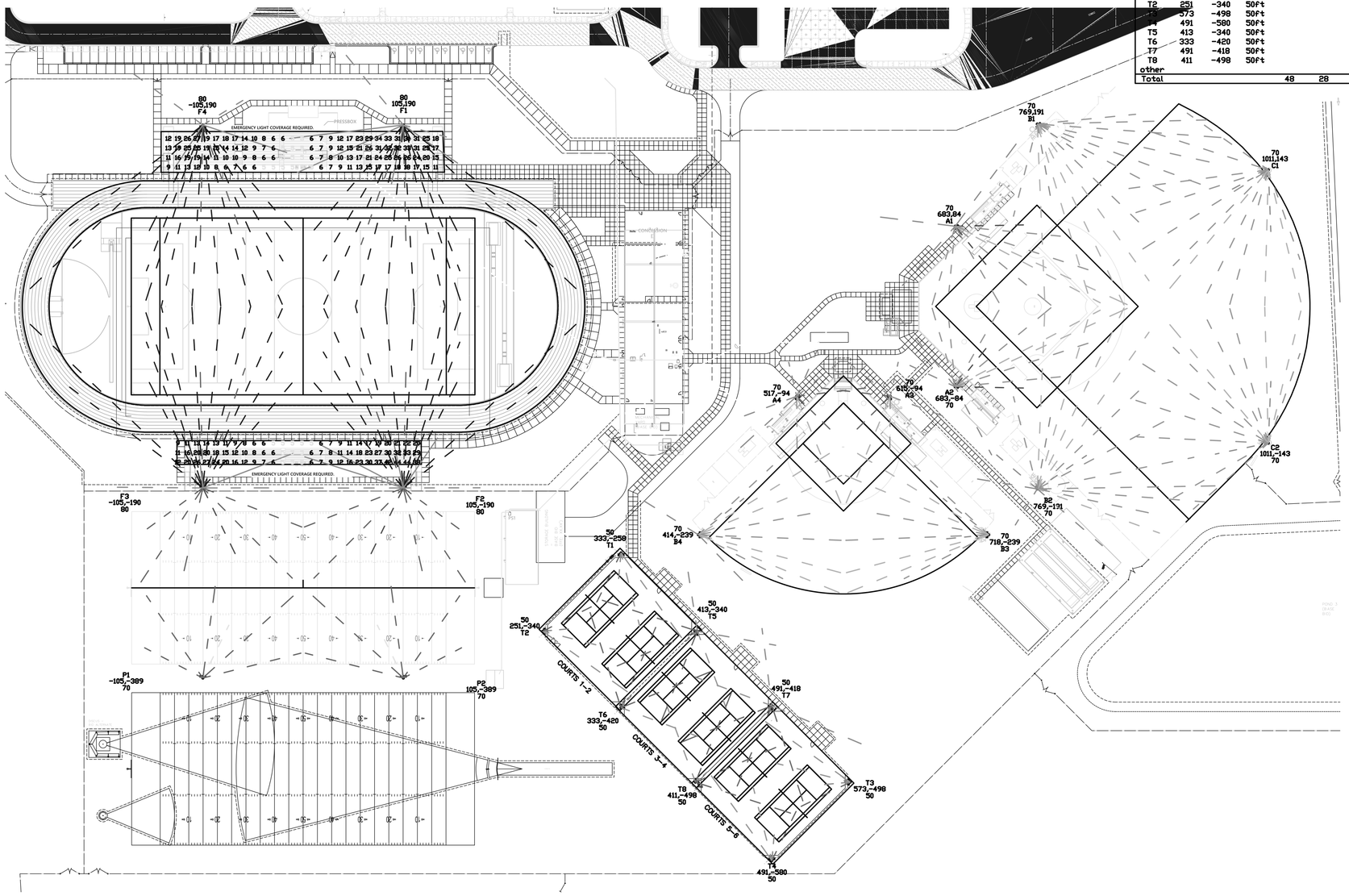
T7	491	-418	50ft						1	3	1	5	3.2
T8	411	-498	50ft						1	3	1	5	3.2
other											44	44	28.0
Total				48	28	6	2	29	67	20	64	264	195.3



EV60
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 946
Number luminaires used = 2
kw these luminaires = 1.9

M20
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 970
Number luminaires used = 28
kw these luminaires = 27.2

N15
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 961
Number luminaires used = 48
kw these luminaires = 46.1

W40
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 952
Number luminaires used = 6
kw these luminaires = 5.7

NARROW
GeoSport Clir TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 629
Number luminaires used = 29
kw these luminaires = 18.2

XWIDE
GeoSport Clir TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 636
Number luminaires used = 64
kw these luminaires = 40.7

WIDE
GeoSport Clir TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 640
Number luminaires used = 20
kw these luminaires = 12.8

MEDIUM
GeoSport Clir TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 637
Number luminaires used = 67
kw these luminaires = 42.7

FB Home Bleachers
116 points at z=3, sp 10ft by 10ft
HORIZONTAL FOOTCANDLES

Average	15
Maximum	34
Minimum	5
Avg:Min	2.92
Max:Min	6.80
Coef Var	0.57
UnifGrad	1.67

FB Visitor Bleachers
78 points at z=3, sp 10ft by 10ft
HORIZONTAL FOOTCANDLES

Average	15
Maximum	44
Minimum	5
Avg:Min	3.05
Max:Min	8.80
Coef Var	0.67
UnifGrad	1.67

GEOSPORT LIGHTING
A TENCATE COMPANY

HAMPTON COUNTY HIGH SCHOOL, HAMPTON COUNTY, SC, D2

Revision 2	10/27/25	Drawing 2 of 8	877-663-5968 WWW.GEOSPORTLIGHTING.COM

PHOTOMETRICS UPDATED. 11-18-2025

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

optima engineering
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Phone: 704.338.1292 www.optimaengineering.com
South Carolina License Number C-00710

LS3P
WWW.LS3P.COM

SOUTH CAROLINA OPTIMA ENGINEERING PA No. C00710 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PE 27318 REGISTERED PROFESSIONAL ENGINEER

State Board of Registration for Professional Engineers and Surveyors.
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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

OPT PROJECT: 23-0084
LS3P PROJECT: 1201-217190
DATE: 10.31.2025

SPORTS FIELD PHOTOMETRIC 2

E-802

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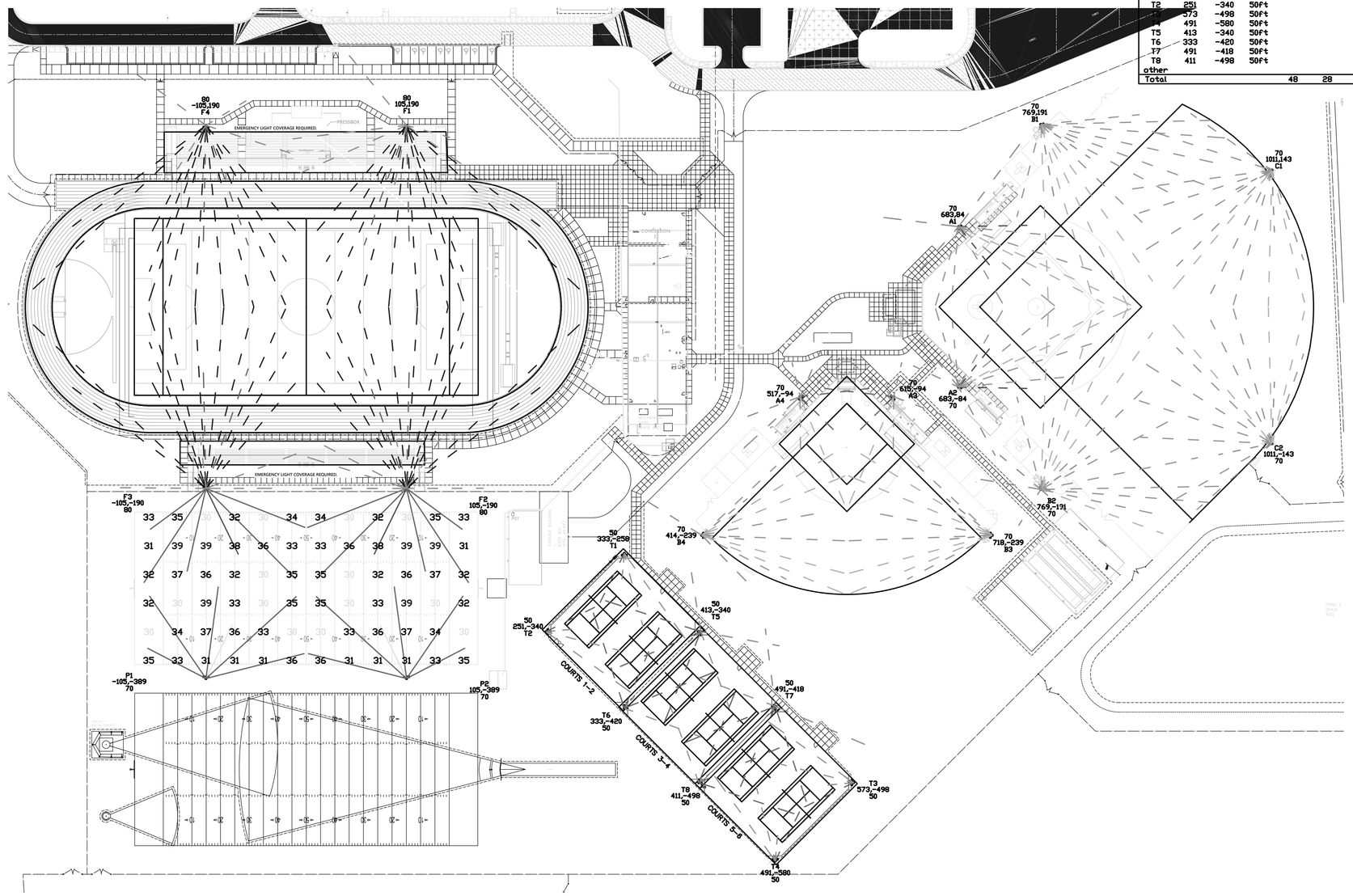
GEO SPORT LIGHTING
A TENCATE COMPANY

DASHED LINES = FIXTURES TURNED OFF
ALL PATHWAY FIXTURES TO BE FIELD AIMED
POLES F1–F2, F3–F4 A3–A4, & B2 2 PATHWAY FIXTURES MOUNTED 50' ABG
POLES F1–F2 4 EMERGENCY EGRESS FIXTURES MOUNTED 40' ABG
POLES F3–F4 2 EMERGENCY EGRESS FIXTURES MOUNTED 40' ABG
POLES A1–A4 1 EMERGENCY EGRESS FIXTURE MOUNTED 40' ABG
POLES A1–A2, A4, B2, B4, T5, & T7 2 FIELD AIMED EGRESS MOUNTED 40' ABG
NEW POLES

Pole	x-loc	y-loc	height	N15	M20	W40	EW60	NARROW	MEDIUM	WIDE	XWIDE	Total	kw
A1	683	84	70ft			2		2	6			10	7.0
A2	683	-84	70ft			2		2	6			10	7.0
A3	615	-94	70ft					1	1	2		4	2.5
A4	517	-94	70ft					1	1	2		4	2.5
B1	769	191	70ft					4	8		2	14	8.9
B2	769	-191	70ft					5	7		2	14	8.9
B3	718	-239	70ft					4	4		2	10	6.3
B4	414	-239	70ft					4	4		2	10	6.3
C1	1011	143	70ft					3	9		2	14	8.9
C2	1011	-143	70ft					3	9		2	14	8.9
F1	105	190	80ft	12	2							14	13.5
F2	105	-190	80ft	12	7	1						14-6	19.3
F3	-105	-190	80ft	12	7	1						14-6	19.3
F4	-105	190	80ft	12	2							14	13.5
P1	-105	-389	70ft		5		1					6	5.8
P2	105	-389	70ft		5		1					6	5.8
T1	333	-258	50ft						2	1	1	4	2.5
T2	251	-340	50ft						2	1	1	4	2.5
T3	573	-498	50ft						2	1	1	4	2.5
T4	491	-580	50ft						2	1	1	4	2.5
T5	413	-340	50ft						1	3	1	5	3.2
T6	333	-420	50ft						1	3	1	5	3.2
T7	491	-418	50ft						1	3	1	5	3.2
T8	411	-498	50ft						1	3	1	5	3.2
other											44	44	28.0
Total				48	28	6	2	29	67	20	64	264	195.3



360' x 160' Practice Field
72 points at z=3, sp 30ft by 30ft
HORIZONTAL FOOTCANDLES

Average	34
Maximum	39
Minimum	30
Avg:Min	1.12
Max:Min	1.30
Coef Var	0.08
UnifGrad	1.30

EW60
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 946
Number luminaires used = 2
kw these luminaires = 1.9

M20
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 970
Number luminaires used = 28
kw these luminaires = 27.2

N15
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 961
Number luminaires used = 48
kw these luminaires = 46.1

W40
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 952
Number luminaires used = 6
kw these luminaires = 5.7

NARROW
GeoSport Clr TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 629
Number luminaires used = 29
kw these luminaires = 18.2

XWIDE
GeoSport Clr TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 636
Number luminaires used = 64
kw these luminaires = 40.7

WIDE
GeoSport Clr TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 640
Number luminaires used = 20
kw these luminaires = 12.8

MEDIUM
GeoSport Clr TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 637
Number luminaires used = 67
kw these luminaires = 42.7

GEOSPORT LIGHTING
A TENCATE COMPANY

HAMPTON COUNTY HIGH SCHOOL, HAMPTON COUNTY, SC, D3

Revision 2	10/27/25	Drawing 3 of 8	877-663-5968 WWW.GEOSPORTLIGHTING.COM

PHOTOMETRICS UPDATED. 11-18-2025
1

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

optima engineering
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South Carolina License Number C-00710

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SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION OPTIMA ENGINEERING P.A. No. C00710

PE 27518 REGISTERED PROFESSIONAL ENGINEER SOUTH CAROLINA

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

OPT PROJECT: 23-0084
LS3P PROJECT: 1201-217190
DATE: 10.31.2025

SPORTS FIELD PHOTOMETRIC 3

E-803

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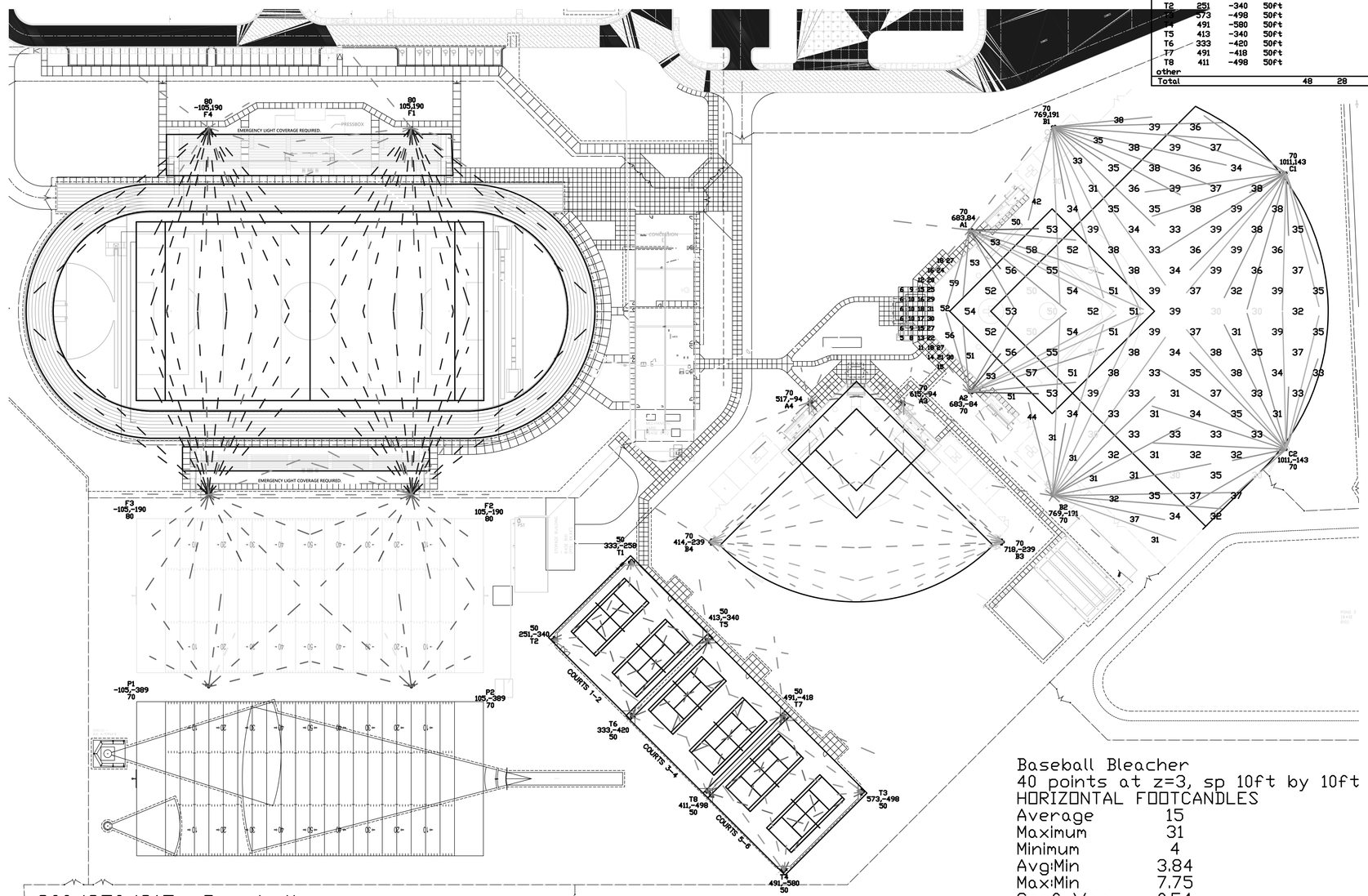
GEO SPORT LIGHTING
A TENCATE COMPANY

DASHED LINES = FIXTURES TURNED OFF
ALL PATHWAY FIXTURES TO BE FIELD AIMED
POLES F1–F2, F3–F4 A3–A4, & B2 2 PATHWAY FIXTURES MOUNTED 50' ABG
POLES F1–F2 4 EMERGENCY EGRESS FIXTURES MOUNTED 40' ABG
POLES F3–F4 2 EMERGENCY EGRESS FIXTURES MOUNTED 40' ABG
POLES A1–A4 1 EMERGENCY EGRESS FIXTURE MOUNTED 40' ABG
POLES A1–A2, A4, B2, B4, T5, & T7 2 FIELD AIMED EGRESS MOUNTED 40' ABG
NEW POLES

Pole	x-loc	y-loc	height	N15	M20	W40	EW60	NARROW	MEDIUM	WIDE	XWIDE	Total	kw
A1	683	84	70ft			2		2	6			10	7.0
A2	683	-84	70ft			2		2	6			10	7.0
A3	615	-94	70ft					1	1	2		4	2.5
A4	517	-94	70ft					1	1	2		4	2.5
B1	769	191	70ft					4	8		2	14	8.9
B2	769	-191	70ft					5	7		2	14	8.9
B3	718	-239	70ft					4	4		2	10	6.3
B4	414	-239	70ft					4	4		2	10	6.3
C1	1011	143	70ft					3	9		2	14	8.9
C2	1011	-143	70ft					3	9		2	14	8.9
F1	105	190	80ft	12	2							14	13.5
F2	105	-190	80ft	12	7	1						14-6	19.3
F3	-105	-190	80ft	12	7	1						14-6	19.3
F4	-105	190	80ft	12	2							14	13.5
P1	-105	-389	70ft		5		1					6	5.8
P2	105	-389	70ft		5		1					6	5.8
T1	333	-258	50ft						2	1	1	4	2.5
T2	251	-340	50ft						2	1	1	4	2.5
T3	573	-498	50ft						2	1	1	4	2.5
T4	491	-580	50ft						2	1	1	4	2.5
T5	413	-340	50ft						1	3	1	5	3.2
T6	333	-420	50ft						1	3	1	5	3.2
T7	491	-418	50ft						1	3	1	5	3.2
T8	411	-498	50ft						1	3	1	5	3.2
other											44	44	28.0
Total				48	28	6	2	29	67	20	64	264	195.3



300/350/315 Baseball
116 points (25 infield, 91 outfield) at z=3, sp 30ft by 30ft
HORIZONTAL FOOTCANDLES

	Outfield	Infield
Average	35	53
Maximum	39	58
Minimum	30	50
Avg:Min	1.17	1.06
Max:Min	1.30	1.16
Coef Var	0.08	0.04
UnifGrad	1.30	1.12

Extended Foul Territory
21 points at z=3, sp 30ft by 30ft
HORIZONTAL FOOTCANDLES

Average	43
Maximum	59
Minimum	30
Avg:Min	1.42
Max:Min	1.97
Coef Var	0.23

Baseball Bleacher
40 points at z=3, sp 10ft by 10ft
HORIZONTAL FOOTCANDLES

Average	15
Maximum	31
Minimum	4
Avg:Min	3.84
Max:Min	7.75
Coef Var	0.54
UnifGrad	1.81

EW60
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 946
Number luminaires used = 2
kw these luminaires = 1.9

M20
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 970
Number luminaires used = 28
kw these luminaires = 27.2

N15
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 961
Number luminaires used = 48
kw these luminaires = 46.1

W40
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 952
Number luminaires used = 6
kw these luminaires = 5.7

NARROW
GeoSport Cllr TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 629
Number luminaires used = 29
kw these luminaires = 18.2

XWIDE
GeoSport Cllr TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 636
Number luminaires used = 64
kw these luminaires = 40.7

WIDE
GeoSport Cllr TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 640
Number luminaires used = 20
kw these luminaires = 12.8

MEDIUM
GeoSport Cllr TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 637
Number luminaires used = 67
kw these luminaires = 42.7

GEOSPORT LIGHTING
A TENCATE COMPANY

HAMPTON COUNTY HIGH SCHOOL, HAMPTON COUNTY, SC, D4

Revision 2	10/27/25	Drawing 4 of 8	877–663–5968 WWW.GEOSPORTLIGHTING.COM

PHOTOMETRICS UPDATED. 11-18-2025
1

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

optima engineering
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South Carolina License Number C-00710

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WWW.LS3P.COM

SOUTH CAROLINA BOARD OF ARCHITECTURE CERTIFICATE OF AUTHORIZATION OPTIMA ENGINEERING PA No. C00710

SOUTH CAROLINA P.E. 27518 REGISTERED ENGINEER

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

OPT PROJECT: 23-0084
LS3P PROJECT: 1201-217190
DATE: 10.31.2025

SPORTS FIELD PHOTOMETRIC 4

E-804

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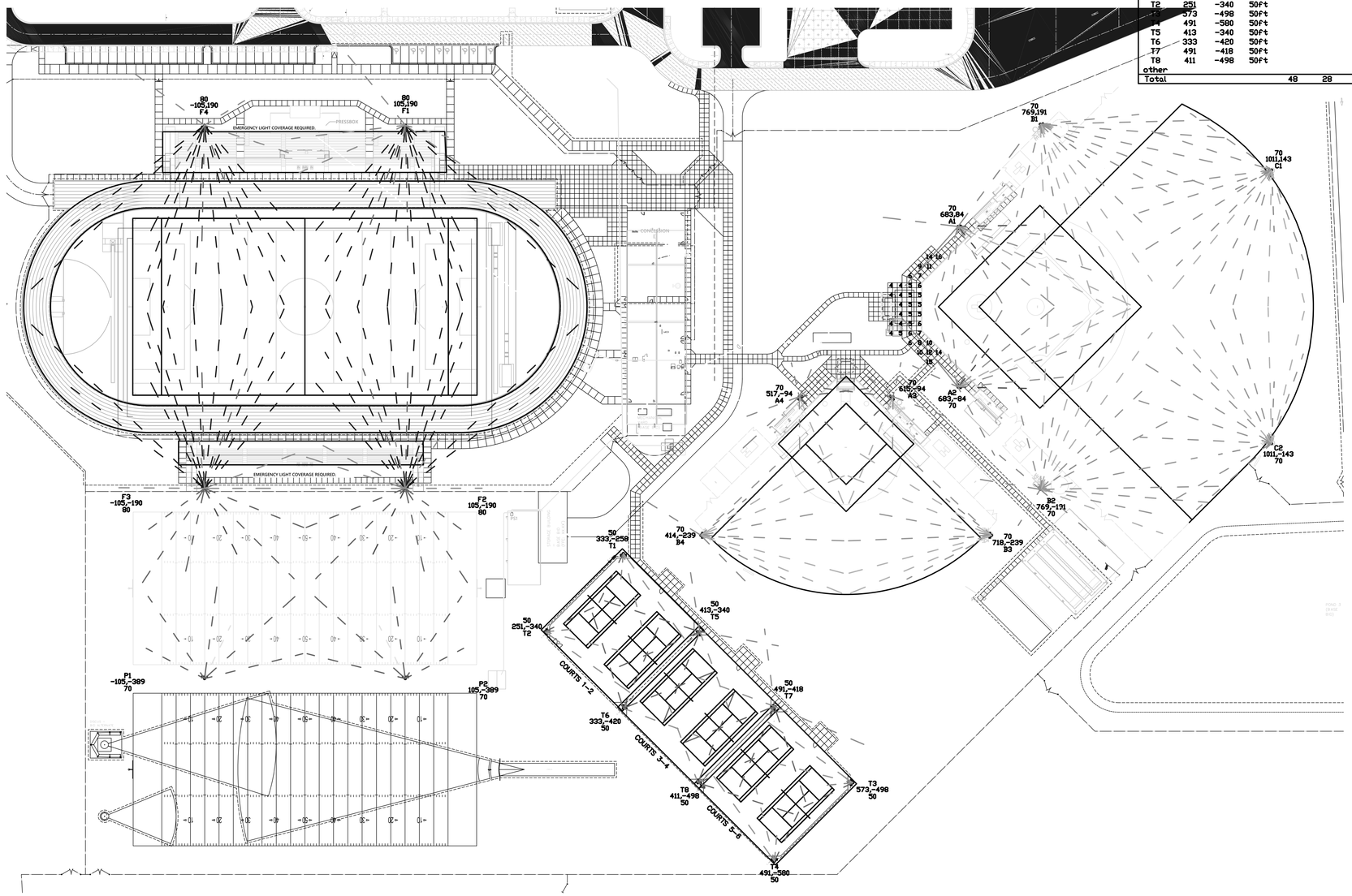
DASHED LINES = FIXTURES TURNED OFF

EMERGENCY EGRESS FOR BLEACHERS

Pole	x-loc	y-loc	height	N15	M20	W40	EW60	NARROW	MEDIUM	WIDE	XWIDE	Total	kw
A1	683	84	70ft			2		2	6			10	7.0
A2	683	-84	70ft			2		2	6			10	7.0
A3	615	-94	70ft					1	1	2		4	2.5
A4	517	-94	70ft					1	1	2		4	2.5
B1	769	191	70ft					4	8		2	14	8.9
B2	769	-191	70ft					5	7		2	14	8.9
B3	718	-239	70ft					4	4		2	10	6.3
B4	414	-239	70ft					4	4		2	10	6.3
C1	1011	143	70ft					3	9		2	14	8.9
C2	1011	-143	70ft					3	9		2	14	8.9
F1	105	190	80ft	12	2							14	13.5
F2	105	-190	80ft	12	7	1						14-6	19.2
F3	-105	-190	80ft	12	7	1						14-6	19.3
F4	-105	190	80ft	12	2							14	13.5
P1	-105	-389	70ft		5		1					6	5.8
P2	105	-389	70ft		5		1					6	5.8
T1	333	-258	50ft						2	1	1	4	2.5
T2	251	-340	50ft						2	1	1	4	2.5
T3	573	-498	50ft						2	1	1	4	2.5
T4	491	-580	50ft						2	1	1	4	2.5
T5	413	-340	50ft						1	3	1	5	3.2
T6	333	-420	50ft						1	3	1	5	3.2
T7	491	-418	50ft						1	3	1	5	3.2
T8	411	-498	50ft						1	3	1	5	3.2
other											44	44	28.0
Total				48	28	6	2	29	67	20	64	264	195.3



EW60
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 946
Number luminaires used = 2
kw these luminaires = 1.9

M20
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 970
Number luminaires used = 28
kw these luminaires = 27.2

N15
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 961
Number luminaires used = 48
kw these luminaires = 46.1

W40
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 952
Number luminaires used = 6
kw these luminaires = 5.7

NARROW
GeoSport Clir TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 629
Number luminaires used = 29
kw these luminaires = 18.2

XWIDE
GeoSport Clir TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 636
Number luminaires used = 64
kw these luminaires = 40.7

WIDE
GeoSport Clir TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 640
Number luminaires used = 20
kw these luminaires = 12.8

MEDIUM
GeoSport Clir TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 637
Number luminaires used = 67
kw these luminaires = 42.7

Baseball Bleacher
40 points at z=3, sp 10ft by 10ft
HORIZONTAL FOOTCANDLES

Average	6
Maximum	16
Minimum	3
Avg:Min	2.16
Max:Min	5.33
Coef Var	0.54
UnifGrad	1.33

GEOSPORT LIGHTING
A TENCATE COMPANY

HAMPTON COUNTY HIGH SCHOOL, HAMPTON COUNTY, SC, D5

Revision 2	10/27/25	Drawing 5 of 8	877-663-5968 WWW.GEOSPORTLIGHTING.COM

PHOTOMETRICS UPDATED. 11-18-2025
1

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

optima engineering
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South Carolina License Number C-00710

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State Board of Registration for Professional Engineers and Surveyors.

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

OPT PROJECT: 23-0084
LS3P PROJECT: 1201-217190
DATE: 10.31.2025

SPORTS FIELD PHOTOMETRIC 5

E-805

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GEO SPORT LIGHTING
A TENCATE COMPANY

DASHED LINES = FIXTURES TURNED OFF
ALL PATHWAY FIXTURES TO BE FIELD AIMED
POLES F1–F2, F3–F4 A3–A4, & B2 2 PATHWAY FIXTURES MOUNTED 50' ABG
POLES F1–F2 4 EMERGENCY EGRESS FIXTURES MOUNTED 40' ABG
POLES F3–F4 2 EMERGENCY EGRESS FIXTURES MOUNTED 40' ABG
POLES A1–A4 1 EMERGENCY EGRESS FIXTURE MOUNTED 40' ABG
POLES A1–A2, A4, B2, B4, T5, & T7 2 FIELD AIMED EGRESS MOUNTED 40' ABG
NEW POLES

Pole	x-loc	y-loc	height	N15	M20	W40	EW60	NARROW	MEDIUM	WIDE	XWIDE	Total	kw
A1	683	84	70ft			2		2	6			10	7.0
A2	683	-84	70ft			2		2	6			10	7.0
A3	615	-94	70ft					1	1	2		4	2.5
A4	517	-94	70ft					1	1	2		4	2.5
B1	769	191	70ft					4	8		2	14	8.9
B2	769	-191	70ft					5	7		2	14	8.9
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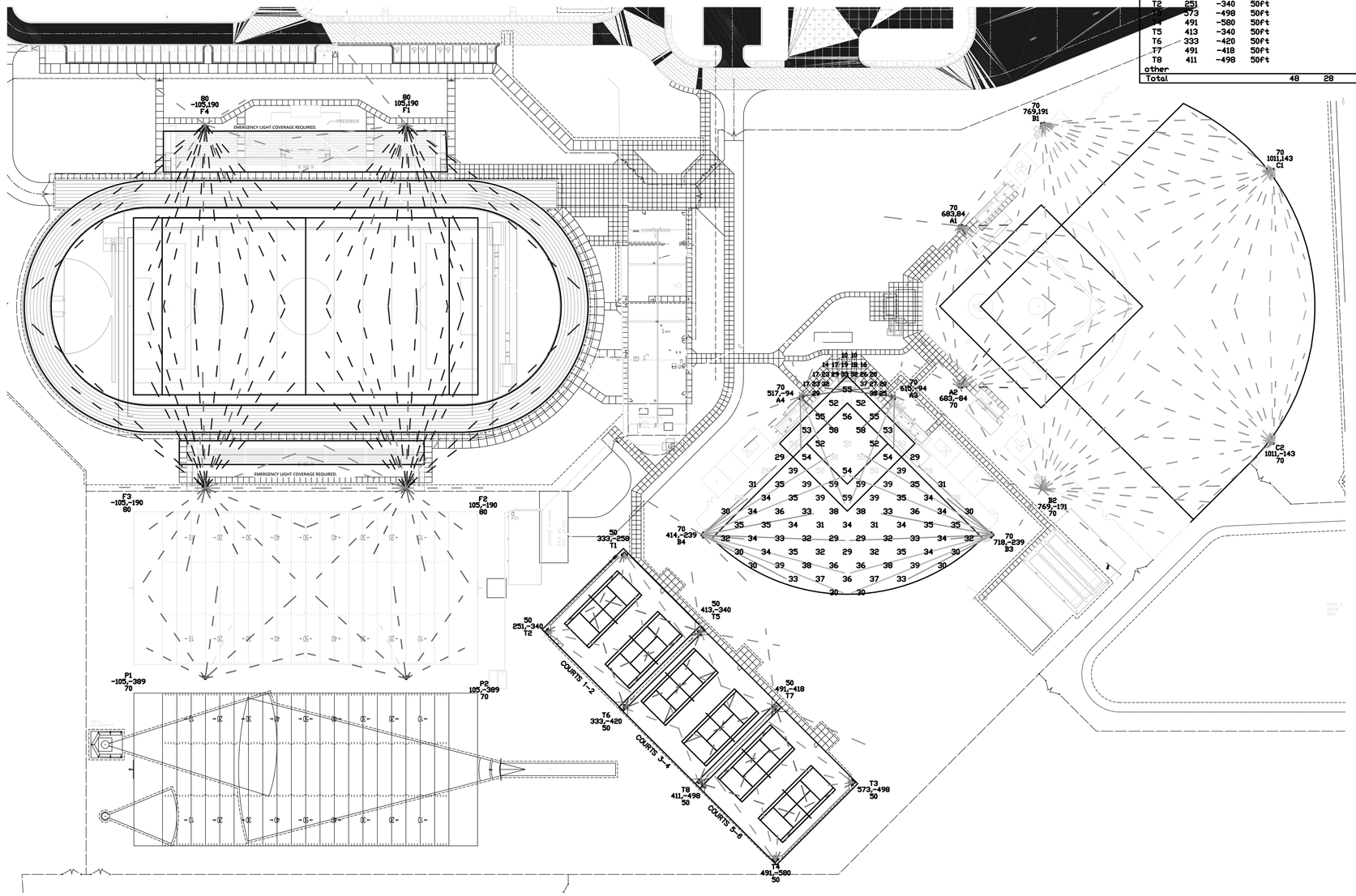
B4	414	-239	70ft					4	4		2	10	6.3
C1	1011	143	70ft					3	9		2	14	8.9
C2	1011	-143	70ft					3	9		2	14	8.9
F1	105	190	80ft	12	2							14	13.5
F2	105	-190	80ft	12	7	1						14-6	19.3
F3	-105	-190	80ft	12	7	1						14-6	19.3
F4	-105	190	80ft	12	2							14	13.5
P1	-105	-389	70ft		5		1					6	5.8
P2	105	-389	70ft		5		1					6	5.8
T1	333	-258	50ft						2	1	1	4	2.5
T2	251	-340	50ft						2	1	1	4	2.5
T3	573	-498	50ft						2	1	1	4	2.5
T4	491	-580	50ft						2	1	1	4	2.5
T5	413	-340	50ft						1	3	1	5	3.2
T6	333	-420	50ft						1	3	1	5	3.2
T7	491	-418	50ft						1	3	1	5	3.2
T8	411	-498	50ft						1	3	1	5	3.2
other											44	44	28.0
Total				48	28	6	2	29	67	20	64	264	195.3



EW60
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 946
Number luminaires used = 2
kw these luminaires = 1.9

M20
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 970
Number luminaires used = 28
kw these luminaires = 27.2

N15
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 961
Number luminaires used = 48
kw these luminaires = 46.1

W40
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 952
Number luminaires used = 6
kw these luminaires = 5.7

NARROW
GeoSport Clr TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 629
Number luminaires used = 29
kw these luminaires = 18.2

XWIDE
GeoSport Clr TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 636
Number luminaires used = 64
kw these luminaires = 40.7

WIDE
GeoSport Clr TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 640
Number luminaires used = 20
kw these luminaires = 12.8

MEDIUM
GeoSport Clr TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 637
Number luminaires used = 67
kw these luminaires = 42.7

200/200/200 Softball
98 points (25 infield, 73 outfield) at z=3, sp 20ft by 20ft
HORIZONTAL FOOTCANDLES

	Outfield	Infield
Average	34	54
Maximum	39	59
Minimum	28	50
Avg:Min	1.20	1.07
Max:Min	1.39	1.18
Coef Var	0.10	0.06
UnifGrad	1.34	1.18

Softball Bleacher
24 points at z=3, sp 10ft by 10ft
HORIZONTAL FOOTCANDLES

Average	22
Maximum	37
Minimum	9
Avg:Min	2.49
Max:Min	4.11
Coef Var	0.36
UnifGrad	1.90

GEOSPORT LIGHTING
A TENCATE COMPANY

HAMPTON COUNTY HIGH SCHOOL, HAMPTON COUNTY, SC, D6

Revision 2	10/27/25	Drawing 6 of 8	877-663-5968 WWW.GEOSPORTLIGHTING.COM

PHOTOMETRICS UPDATED. 11-18-2025
1

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

OPT PROJECT: 23-0084
LS3P PROJECT: 1201-217190
DATE: 10.31.2025

SPORTS FIELD PHOTOMETRIC 6

E-806

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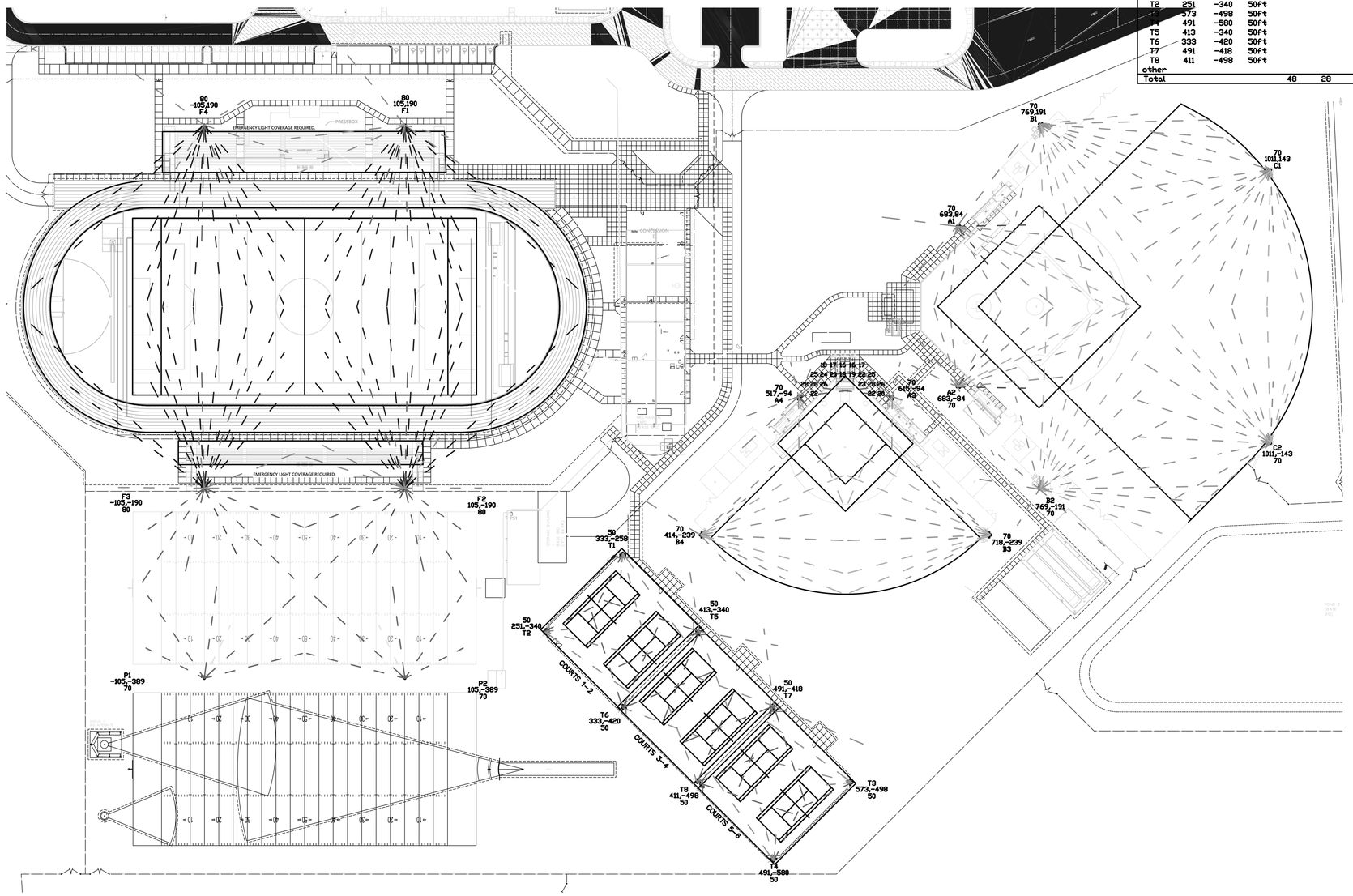
DASHED LINES = FIXTURES TURNED OFF
EMERGENCY EGRESS FOR BLEACHERS

Pole	x-loc	y-loc	height	N15	M20	W40	EW60	NARROW	MEDIUM	WIDE	XWIDE	Total	kw
A1	683	84	70Ft			2		2	6			10	7.0
A2	683	-84	70Ft			2		2	6			10	7.0
A3	615	-94	70Ft					1	1	2		4	2.5
A4	517	-94	70Ft					1	1	2		4	2.5
B1	769	191	70Ft					4	8		2	14	8.9
B2	769	-191	70Ft					5	7		2	14	8.9
B3	718	-239	70Ft					4	4		2	10	6.3
B4	414	-239	70Ft					4	4		2	10	6.3
C1	1011	143	70Ft					3	9		2	14	8.9
C2	1011	-143	70Ft					3	9		2	14	8.9
F1	105	190	80Ft	12	2							14	13.5
F2	105	-190	80Ft	12	7	1						14-6	19.3
F3	-105	-190	80Ft	12	7	1						14-6	19.3
F4	-105	190	80Ft	12	2							14	13.5
P1	-105	-389	70Ft		5		1					6	5.8
P2	105	-389	70Ft		5		1					6	5.8
T1	333	-258	50Ft						2	1	1	4	2.5
T2	251	-340	50Ft						2	1	1	4	2.5
T3	573	-498	50Ft						2	1	1	4	2.5
T4	491	-580	50Ft						2	1	1	4	2.5
T5	413	-340	50Ft						1	3	1	5	3.2
T6	333	-420	50Ft						1	3	1	5	3.2
T7	491	-418	50Ft						1	3	1	5	3.2
T8	411	-498	50Ft						1	3	1	5	3.2
other											44	44	28.0
Total				48	28	6	2	29	67	20	64	264	195.3



EW60
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 946
Number luminaires used = 2
kw these luminaires = 1.9

M20
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 970
Number luminaires used = 28
kw these luminaires = 27.2

N15
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 961
Number luminaires used = 48
kw these luminaires = 46.1

W40
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 952
Number luminaires used = 6
kw these luminaires = 5.7

NARROW
GeoSport Clir TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 629
Number luminaires used = 29
kw these luminaires = 18.2

XWIDE
GeoSport Clir TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 636
Number luminaires used = 64
kw these luminaires = 40.7

WIDE
GeoSport Clir TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 640
Number luminaires used = 20
kw these luminaires = 12.8

MEDIUM
GeoSport Clir TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 637
Number luminaires used = 67
kw these luminaires = 42.7

Softball Bleacher
24 points at z=3, sp 10ft by 10ft
HORIZONTAL FOOTCANDLES

Average	21
Maximum	28
Minimum	13
Avg:Min	1.58
Max:Min	2.15
Coef Var	0.22
UnifGrad	1.33

GEOSPORT LIGHTING
A TENCATE COMPANY

HAMPTON COUNTY HIGH SCHOOL, HAMPTON COUNTY, SC, D7

Revision 2	10/27/25	Drawing 7 of 8	877-663-5968 WWW.GEOSPORTLIGHTING.COM

1 PHOTOMETRICS UPDATED. 11-18-2025

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

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PE 27318 REGISTERED PROFESSIONAL ENGINEER SOUTH CAROLINA

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REVISIONS:

No.	Description	Date
1	ADDENDUM #1	11/19/2025

OPT PROJECT: 23-0084
LS3P PROJECT: 1201-217190
DATE: 10.31.2025

SPORTS FIELD PHOTOMETRIC 7

E-807

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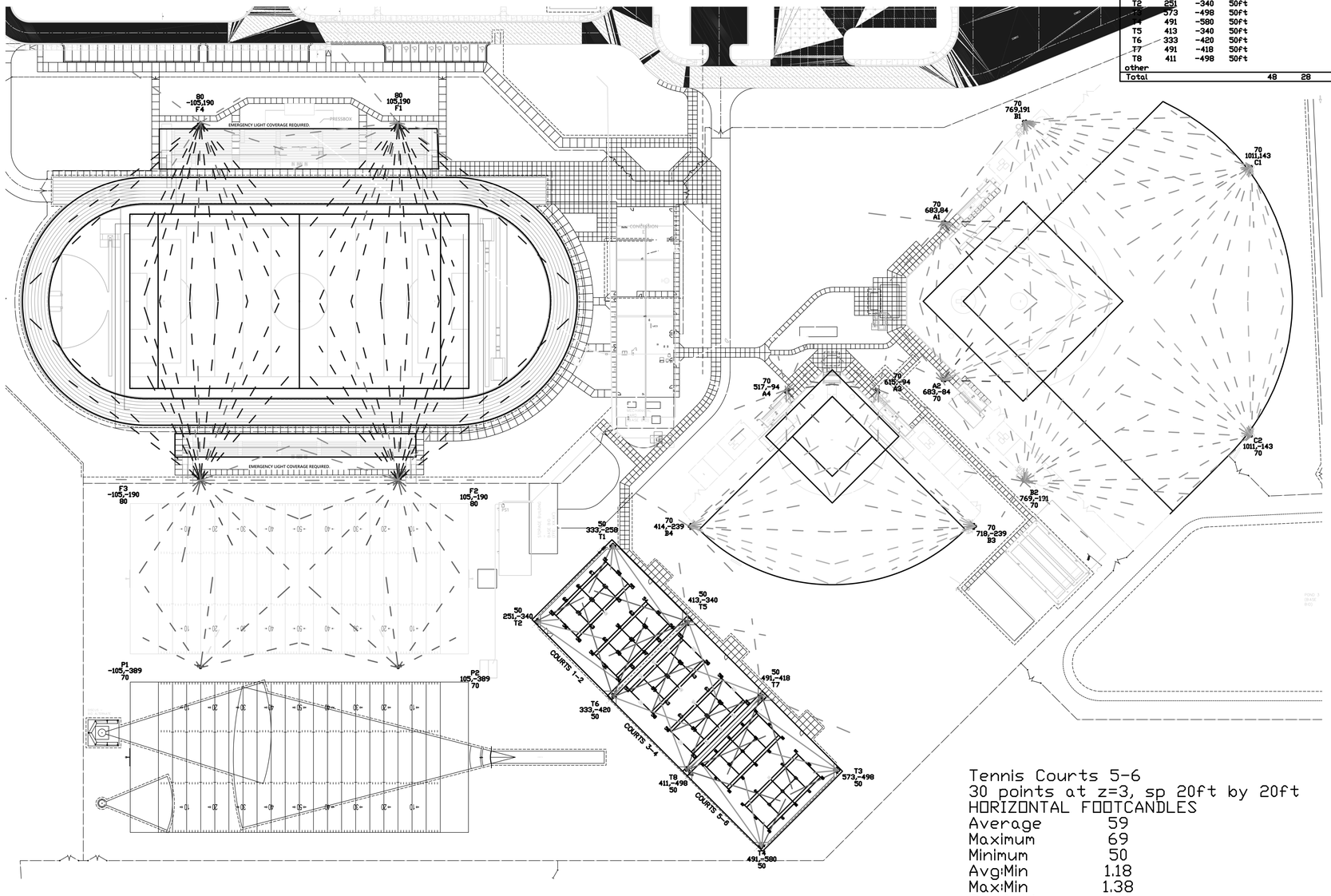
CONSTRUCTION DOCUMENTS

GEO SPORT LIGHTING
A TENCATE COMPANY

DASHED LINES = FIXTURES TURNED OFF
ALL PATHWAY FIXTURES TO BE FIELD AIMED
POLES F1–F2, F3–F4 A3–A4, & B2 2 PATHWAY FIXTURES MOUNTED 50' ABG
POLES F1–F2 4 EMERGENCY EGRESS FIXTURES MOUNTED 40' ABG
POLES F3–F4 2 EMERGENCY EGRESS FIXTURES MOUNTED 40' ABG
POLES A1–A4 1 EMERGENCY EGRESS FIXTURE MOUNTED 40' ABG
POLES A1–A2, A4, B2, B4, T5, & T7 2 FIELD AIMED EGRESS MOUNTED 40' ABG
NEW POLES

Pole	x-loc	y-loc	height	N15	M20	W40	EW60	NARROW	MEDIUM	WIDE	XWIDE	Total	kw
A1	683	84	70ft			2		2	6			10	7.0
A2	683	-84	70ft			2		2	6			10	7.0
A3	615	-94	70ft					1	1	2		4	2.5
A4	517	-94	70ft					1	1	2		4	2.5
B1	769	191	70ft					4	8		2	14	8.9
B2	769	-191	70ft					5	7		2	14	8.9
B3	718	-239	70ft					4	4		2	10	6.3
B4	414	-239	70ft					4	4		2	10	6.3
C1	1011	143	70ft					3	9		2	14	8.9
C2	1011	-143	70ft					3	9		2	14	8.9
F1	105	190	80ft	12	2							14	13.5
F2	105	-190	80ft	12	7	1						14-6	19.3
F3	-105	-190	80ft	12	7	1						14-6	19.3
F4	-105	190	80ft	12	2							14	13.5
P1	-105	-389	70ft		5		1					6	5.8
P2	105	-389	70ft		5		1					6	5.8
T1	333	-258	50ft						2	1	1	4	2.5
T2	251	-340	50ft						2	1	1	4	2.5
T3	573	-498	50ft						2	1	1	4	2.5
T4	491	-580	50ft						2	1	1	4	2.5
T5	413	-340	50ft						1	3	1	5	3.2
T6	333	-420	50ft						1	3	1	5	3.2
T7	491	-418	50ft						1	3	1	5	3.2
T8	411	-498	50ft						1	3	1	5	3.2
other											44	44	28.0
Total				48	28	6	2	29	67	20	64	264	195.3



Tennis Courts 1-2
30 points at z=3, sp 20ft by 20ft
HORIZONTAL FOOTCANDLES

Average	59
Maximum	69
Minimum	50
Avg:Min	1.17
Max:Min	1.38
Coef Var	0.10

Tennis Courts 3-4
30 points at z=3, sp 20ft by 20ft
HORIZONTAL FOOTCANDLES

Average	55
Maximum	63
Minimum	50
Avg:Min	1.11
Max:Min	1.26
Coef Var	0.09
UnifGrad	1.26

Tennis Courts 5-6
30 points at z=3, sp 20ft by 20ft
HORIZONTAL FOOTCANDLES

Average	59
Maximum	69
Minimum	50
Avg:Min	1.18
Max:Min	1.38
Coef Var	0.11
UnifGrad	1.38

EW60
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 946
Number luminaires used = 2
kw these luminaires = 1.9

M20
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 970
Number luminaires used = 28
kw these luminaires = 27.2

N15
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 961
Number luminaires used = 48
kw these luminaires = 46.1

W40
GeoSport Stadium TSL 1000W
Light Loss Factor = 0.950
Watts per luminaire = 952
Number luminaires used = 6
kw these luminaires = 5.7

NARROW
GeoSport Clir TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 629
Number luminaires used = 29
kw these luminaires = 18.2

XWIDE
GeoSport Clir TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 636
Number luminaires used = 64
kw these luminaires = 40.7

WIDE
GeoSport Clir TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 640
Number luminaires used = 20
kw these luminaires = 12.8

MEDIUM
GeoSport Clir TSL SV 650W
Light Loss Factor = 0.950
Watts per luminaire = 637
Number luminaires used = 67
kw these luminaires = 42.7

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A TENCATE COMPANY

HAMPTON COUNTY HIGH SCHOOL, HAMPTON COUNTY, SC, D8

Revision 2	10/27/25	Drawing 8 of 8	877–663–5968 WWW.GEOSPORTLIGHTING.COM

1 PHOTOMETRICS UPDATED. 11-18-2025

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No.	Description	Date
1	ADDENDUM #1	11/19/2025

OPT PROJECT: 23-0084
LS3P PROJECT: 1201-217190
DATE: 10.31.2025

SPORTS FIELD PHOTOMETRIC 8

E-808

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