HAMPTON COUNTY HIGH SCHOOL - PHASE 2

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HAMPTON COUNTY
SCHOOL DISTRICT

HAMPTON COUNTY SCHOOL DISTRICT

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ISSUED: 10/31/2025 CONSTRUCTION DOCUMENTS

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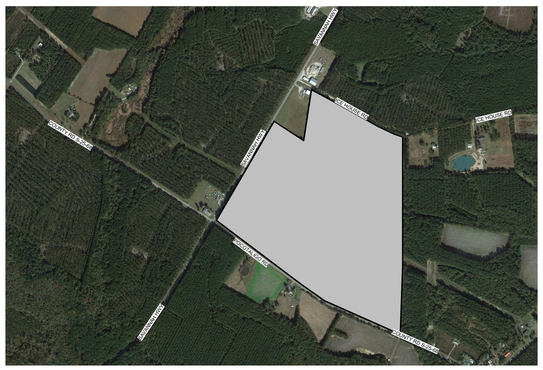
VICINITY MAP



AREA MAP



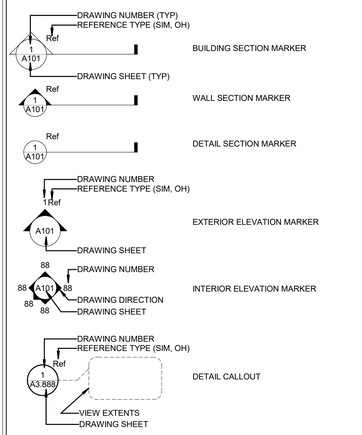
PROJECT ABBREVIATIONS

A/C	AIR CONDITION(ING)	FOS	FACE OF SLAB	PSI	POUNDS PER SQUARE INCH
ADMIN	ADMINISTRATION	FOW	FACE OF WALL	PT	PAINT, POST-TENSIONED, PRE-TREATED
AFF	ABOVE FINISHED FLOOR	FT	FOOT, FEET	PVC	POLYVINYL CHLORIDE (PLASTIC)
ALT	ALTERNATE	FTG	FOOTING	QTR	QUARTER
ALUM	ALUMINUM	FURN	FURNISH, FURNITURE	QTY	QUANTITY
APPROX	APPROXIMATE(LY)	GA	GAGE	R	RADIUS, RISER
ARCH	ARCHITECT(URAL)	GALV	GALVANIZED	RCP	REFLECTED CEILING PLAN
AUTO	AUTOMATIC	GC	GENERAL CONTRACTOR	RD	ROOF DRAIN
AUX	AUXILIARY	GYP BD	GYPSUM BOARD	REF	REFRIGERATOR, REFERENCE
AV	AUDIOVISUAL	GYP PLAS	GYPSUM PLASTER	REQD	REQUIRED
BITUM	BITUMINOUS	HC	HANDICAP	RL	ROOF LEADER
BL	BUILDING LINE	HD	HEAVY DUTY	RM	ROOM
BLDG	BUILDING	HDWD	HARDWOOD	RO	ROUGH OPENING
BN	BULL NOSE	HDWR	HARDWARE	ROW	RIGHT OF WAY
BOS	BOTTOM OF STEEL	HM	HOLLOW METAL	S	SOUTH
BOT	BOTTOM	HORIZ	HORIZONTAL	SC	SOLID CORE
CAB	CABINET	HT	HEIGHT	SD	STORM DRAIN
CJ	CONTROL JOINT	HVAC	HEATING, VENTILATION & AIR CONDITIONING	SECT	SECTION
CL	CENTER LINE	ID	INSIDE DIAMETER	SF	SQUARE FEET
CLG	CEILING	INCL	INCLUDE(D), (ING)	SIM	SIMILAR
CLG HT	CEILING HEIGHT	INFO	INFORMATION	SPEC	SPECIFICATION
CLO	CLOSET	INSUL	INSULATION	SPKR	SPEAKER
CLR	CLEAR(ANCE)	INT	INTERIOR	SQ	SQUARE
CMU	CONCRETE MASONRY UNIT	JAN CLO	JANITOR CLOSET	SS	STAINLESS STEEL
COL	COLUMN	KIT	KITCHEN	STD	STANDARD
CONC	CONCRETE	KO	KNOCKOUT	STOR	STORAGE
CONF	CONFERENCE	LAB	LABORATORY	SUSP	SUSPENDED
CONT	CONTINUE, CONTINUOUS	LAM	LAMINATE	SYS	SYSTEM
CORR	CORRIDOR	LAU	LAUNDRY	T	TREAD
CU FT	CUBIC FOOT	LAV	LAVATORY	TEL	TELEPHONE
CU YD	CUBIC YARD	LF	LINEAR FEET	TEMP	TEMPORARY
DEMO	DEMOLISH	LVR	LOUVER	TFF	TOP OF FINISH FLOOR
DEPT	DEPARTMENT	MAINT	MAINTENANCE	THK	THICKNESS
DET	DETAIL	MATL	MATERIAL	THRU	THROUGH
DF	DRINKING FOUNTAIN	MAX	MAXIMUM	TO	TOP OF
DIA	DIAMETER	MECH	MECHANICAL	TOB	TOP OF BEAM
DIAG	DIAGONAL	MEZZ	MEZZANINE	TOC	TOP OF CONCRETE, CURB
DIM	DIMENSION	MFG	MANUFACTURING	TOF	TOP OF FOOTING
DIV	DIVISION	MFR	MANUFACTURER	TOJ	TOP OF JOIST
DS	DOWNSPOUT	MIN	MINIMUM	TOM	TOP OF MASONRY
E	EAST	MISC	MISCELLANEOUS	TOP	TOP OF PARAPET
EA	EACH	MO	MASONRY OPENING	TOS	TOP OF SLAB
EIFS	EXTERIOR INSULATION & FINISH SYSTEM	MR	MOISTURE RESISTANT	TOW	TOP OF WALL
EJ	EXPANSION JOINT	MTD	MOUNTED	TRTD	TREATED
EL	ELEVATION	MTG	MOUNTING	TV	TELEVISION
ELEC	ELECTRIC(AL)	MTL	METAL	TYP	TYPICAL
ELEV	ELEVATOR	N	NORTH	UL	UNDERWRITERS LABORATORIES
ENCL	ENCLOSE(D)	NIC	NOT IN CONTRACT	UNO	UNLESS NOTED OTHERWISE
EOS	EDGE OF SLAB	NOM	NOMINAL	VERT	VERTICAL
EQ	EQUAL	NON COMB	NON-COMBUSTIBLE	VEST	VESTIBULE
EQUIP	EQUIPMENT	NTS	NOT TO SCALE	VIF	VERIFY IN FIELD
EWC	ELECTRIC WATER COOLER	OC	ON CENTER	W	WEST, WIDE
EXIST	EXISTING	OD	OUTSIDE DIAMETER	W/	WITH
EXP JT	EXPANSION JOINT	OPP	OPPOSITE	W/O	WITHOUT
EXT	EXTERIOR	OPT	OPTION(AL)	WW	WALL TO WALL
F/F	FACE TO FACE	PCF	POUNDS PER CUBIC FEET	WC	WATER CLOSET
FD	FLOOR DRAIN	PLAM	PLASTIC LAMINATE	WD	WOOD
FE	FIRE EXTINGUISHER	PLF	POUNDS PER LINEAR FEET	WP	WORKING POINT, WATERPROOFING
FEC	FIRE EXTINGUISHER CABINET	PLYWD	PLYWOOD	WR	WATER REPELLENT
FF EL	FINISH FLOOR ELEVATION	PNL	PANEL	WT	WEIGHT
FHC	FIRE HOSE CABINET	PR	PAIR	WWF	WELDED WIRE FABRIC
FIN FLR	FINISHED FLOOR	PREFAB	PREFABRICATED	YD	YARD
FLR	FLOOR, FILLER	PREFIN	PREFINISH		
FOC	FACE OF CURB	PRKG	PARKING		
FOF	FACE OF FINISH	PSF	POUNDS PER SQUARE FOOT		
FOM	FACE OF MASONRY				

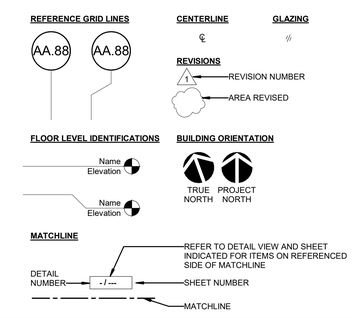
DRAWING TITLES



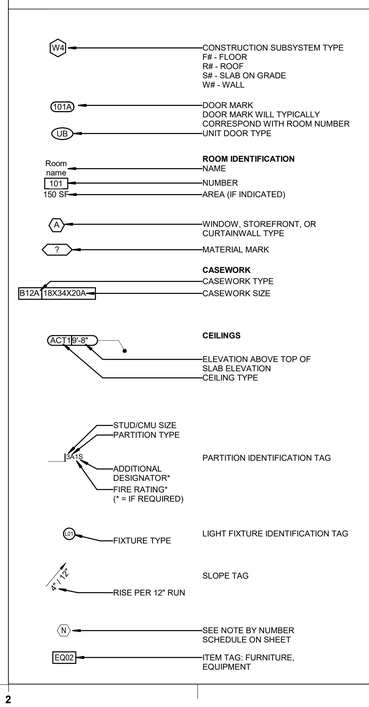
VIEW MARKERS



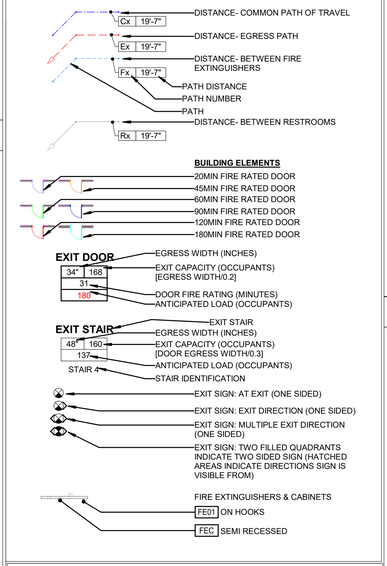
DRAWING SYMBOLS



ITEM TAGS



CODE COMPLIANCE LEGEND



MATERIAL LEGEND

(NOT ALL MATERIALS APPLICABLE)

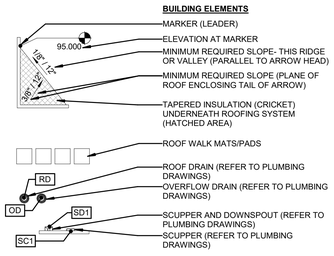
PLAN AND SECTION

- EARTH
- POROUS FILL (STONE OR GRAVEL)
- LIGHTWEIGHT CONCRETE (OR CONCRETE FILL)
- STRUCTURAL CONCRETE (CAST IN PLACE, ETC.)
- BRICK (COMMON OR FACE)
- CONC. MASONRY UNITS (C.M.U.)
- PLASTER, CEMENT, SAND, GROUT
- STEEL, IRON
- ALUMINUM
- WOOD (FINISH)
- WOOD (ROUGH)
- WOOD BLOCKING
- PLYWOOD
- SPRAY-ON FIREPROOFING
- BATT/LOOSE FILL INSULATION
- RIGID INSULATION
- ACOUSTICAL TILE
- GYPSUM WALLBOARD

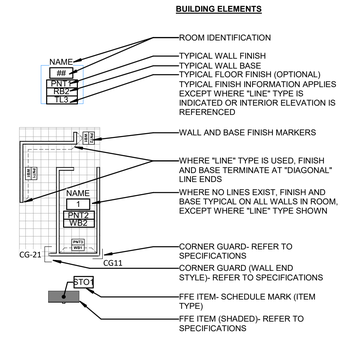
ELEVATION

- BRICK
- CERAMIC TILE
- CONCRETE / PLASTER / STUCCO
- GLASS

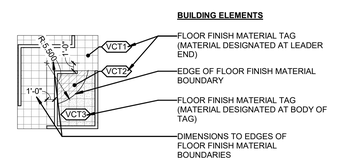
ROOF PLAN LEGEND



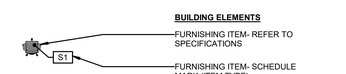
FINISH PLAN LEGEND



FLOOR PATTERN LEGEND



FURNITURE PLAN LEGEND



PARTITION GRAPHICS

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



- 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

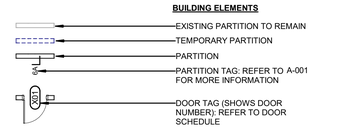
UDS SHEET DESIGNATORS AND SHEET ORDER

LEVEL 1 - DISCIPLINE DESIGNATORS		LEVEL 3 - SHEET TYPE DESIGNATORS		LEVEL 4 - PLAN TYPE DESIGNATORS	
G	GENERAL	0	GENERAL / OVERALL	0	DEMOLITION PLAN
H	HAZARDOUS MATERIALS	1	PLANS	1	CONSTRUCTION PLAN
V	SURVEY / MAPPING	2	ELEVATIONS	2	REFLECTED CEILING PLAN
B	GEOTECHNICAL	3	SECTIONS	3	FINISH PLAN
C	CIVIL	4	LARGE SCALE VIEWS	4	FURNITURE PLAN
L	LANDSCAPE	5	DETAILS	5	OUTLET LOCATION PLAN
S	STRUCTURAL	6	SCHEDULES & DIAGRAMS	6	EQUIPMENT PLAN
A	ARCHITECTURAL	7	USER DEFINED	7	INTERIOR SIGNAGE
I	INTERIORS	8	USER DEFINED	8	ACCESS FLOOR GRID PLAN
Q	EQUIPMENT	9	3D REPRESENTATIONS	9	BUILDING AUTOMATION PLAN

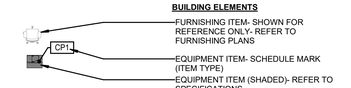
A-121

LEVEL 1 LEVEL 2 LEVEL 3 LEVEL 4 SEQUENCE

FLOOR PLAN LEGEND



EQUIPMENT PLAN LEGEND



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REVISIONS:

No.	Description	Date

LS3P PROJECT: 1201-217190

DATE: 10/31/2025

PROJECT INFORMATION

G-001

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/Athletic Fieldhouse_Hampton County HS_v2022.rvt
10/31/2025 1:13:09 PM

GENERAL

SHEET NO.	SHEET NAME	SHT REV NO.	SHT REV DATE	REVISION DESCRIPTION
G-000	COVER SHEET			
G-001	PROJECT INFORMATION			
G-002	DRAWING INDEX			
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			

CIVIL

SHEET NO.	SHEET NAME	SHT REV NO	SHT REV DATE	REVISION DESCRIPTION
C001	CIVIL NOTES AND ABBREVIATIONS			
	TOPOGRAPHIC SURVEY (13 PAGES, BY BOWMAN)			
C003	AERIAL SITE PLAN OVERVIEW			
C004	FIRE PROTECTION SITE PLAN			
C100	EXISTING SITE & DEMOLITION PLAN - OVERALL			
C101	EXISTING SITE & DEMOLITION PLAN - AREA 1			
C102	EXISTING SITE & DEMOLITION PLAN - AREA 2			
C103	EXISTING SITE & DEMOLITION PLAN - AREA 3			
C200	BASE BID SITE PLAN - OVERALL			
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			
C222	BID ALTERNATE SITE PLAN - AREA 2			
C223	BID ALTERNATE SITE PLAN - AREA 3			
C300	BASE BID GRADING AND STORM DRAINAGE PLAN - OVERALL			
C301	BASE BID GRADING PLAN - AREA 1			
C302	BASE BID GRADING PLAN - AREA 2			
C303	BASE BID GRADING PLAN - AREA 3			
C311	BASE BID STORM DRAINAGE PLAN - AREA 1			
C312	BASE BID STORM DRAINAGE PLAN - AREA 2			
C313	BASE BID STORM DRAINAGE PLAN - AREA 3			
C321	BID ALTERNATE GRADING PLAN - AREA 1			
C322	BID ALTERNATE GRADING PLAN - AREA 2			
C323	BID ALTERNATE GRADING PLAN - AREA 3			
C331	BID ALTERNATE STORM DRAINAGE PLAN - AREA 1			
C332	BID ALTERNATE STORM DRAINAGE PLAN - AREA 2			
C333	BID ALTERNATE STORM DRAINAGE PLAN - AREA 3			
C350	STORM DRAINAGE PROFILES			
C351	STORM DRAINAGE PROFILES			
C352	STORM DRAINAGE PROFILES			
C400	SITE UTILITIES PLAN - OVERALL			
C401	SITE UTILITY PLAN - AREA 1			
C402	SITE UTILITY PLAN - AREA 2			
C403	SITE UTILITY PLAN - AREA 3			
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			

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			
L407	LANDSCAPE SITE DETAILS			
L408	LANDSCAPE SITE DETAILS			

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			
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)			
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)			
A-161	FLOOR PLAN CONCESSIONS (ADD ALT #6)			
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)			
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			
A-601	DOOR & WINDOW SCHEDULES			
A-700	FINISH LEGEND AND SCHEDULE			
A-701	FINISH PLAN BASE BID & ADD ALT 1			
A-721	FINISH PLANS ADD ALT #2 & ADD ALT #6			
A-781	MILLWORK TYPE SCHEDULE AND NOTES			
A-901	SIGNAGE ELEVATIONS			

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			
P-100	OVERALL FIELDHOUSE BUILDING PLAN			
P-101	FIELD HOUSE DRAINAGE PLAN (BASE BID)			
P-102	FIELD HOUSE SUPPLY PLAN (BASE BID)			
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-161	CONCESSIONS DRAINAGE PLAN (ADD ALT #6)			
P-162	CONCESSIONS SUPPLY PLAN (ADD ALT #6)			
P-400	PLUMBING DETAILS			

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
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			

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

LS3P

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REVISIONS:

No.	Description	Date

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

DRAWING INDEX

G-002

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/Athletic Fieldhouse_Hampton County HS_v2022.rvt
10/31/2025 1:13:43 PM

SOUTH CAROLINA STATE DEPARTMENT OF EDUCATION

Form F3 – Building Code Analysis

Date: 10/31/2025

SUBMITTAL:	☐ Schematic	☒ Design Development	☐ Construction Document

SC CODE EDITION:	2021	ICC CODE EDITION:	2021	ICC A117.1 EDITION:	2017	OSF GUIDE EDITION:	2025

OTHER CODES/STANDARDS & EDITIONS:

PROJECT DESCRIPTION: This project includes a new athletics complex for Hampton County High School to include a base bid and multiple add alternates. The project will be Design-Bid-Build.

BASIC BUILDING CODE INFORMATION

DESIGNATED AREAS OF BUILDING	Building Code	Fieldhouse (Base Bid)	Dugouts (Base Bid)	Weight Room (Add Alt 1)	Greenhouse (Add Alt 5)	Concessions (Add Alt 6)	Football Stadium (Add Alt 6)	Pressbox (Add Alt 6)
	-	☒ SCBC ☐ SCEBC	☒ SCBC ☐ SCEBC	☒ SCBC ☐ SCEBC	☒ SCBC ☐ SCEBC	☒ SCBC ☐ SCEBC	☒ SCBC ☐ SCEBC	☒ SCBC ☐ SCEBC
CONSTRUCTION CLASSIFICATION TYPE	Section 602	TYPE II-B NON-SPRINKLERED	TYPE III NON-SPRINKLERED	TYPE II-B NON - SPRINKLERED	TYPE II-B NON-SPRINKLERED	TYPE II-B NON-SPRINKLERED	TYPE II-B NON-SPRINKLERED	TYPE II-B NON-SPRINKLERED
OCCUPANCY GROUP (indicate all)	Section 302	E, A	A-5	A-3	E	B	A-5, B	B

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Form F3 – Building Code Analysis

Historic Building:	☐ YES ☐ NO ☐ Preservation ☐ Rehabilitation ☐ Restoration ☐ Reconstruction	☐ YES ☐ NO ☐ Preservation ☐ Rehabilitation ☐ Restoration ☐ Reconstruction

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Form F3 – Building Code Analysis

Allowable building area per story in square feet as calculated by Equations 5-1 through 5-3. (Indicated equation used.)	N_s =	N_s =	N_s =	N_s =	N_s =	N_s =	N_s =
☐ IBC Section 506.2.1 Equation 5-1 $A_a = A_t + (N_s \times I_f)$	S_s =	S_s =	S_s =	S_s =	S_s =	S_s =	S_s =
☐ IBC Section 506.2.3 Equation 5-2 $A_a = [A_t + (N_s \times I_f)] \times S_s$							
☒ IBC Section 506.2.4 Equation 5-3 $A_a = [A_t + (N_s \times I_f)]$	A_a = SF	A_a = SF	A_a = SF	A_a = SF	A_a = SF	A_a = SF	A_a = SF
N_s Tabular allowable area factor in accordance with Table 506.2 for a non-sprinklered building *(regardless of whether the building is sprinklered)*							
S_s Actual number of building stories above grade plane, not to exceed three (3). For buildings equipped throughout with automatic sprinkler system installed in accordance with SCBC Section 903.3.1.2, use the actual number of building stories above grade plane, not to exceed four (4).							
MAXIMUM AREA PER STORY	14,500 SF	UL	9,500 SF	14,500 SF	23,000 SF	UL	23,000 SF

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Form F3 – Building Code Analysis

Emergency voice/alarm comm.		NO ☒ YES ☐ NO	NO ☐ YES ☒ NO	NO ☒ YES ☐ NO	NO ☐ YES ☒ NO	NO ☐ YES ☒ NO	NO ☐ YES ☒ NO	
Emergency Alarm System Required	SCFC Section 908	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO
SUPPRESSION								
Automatic Sprinkler System Provided Required	SCFC Section 903	☒ YES ☐ NO ☐ YES ☒ NO	☐ YES ☒ NO ☐ YES ☒ NO	☒ YES ☐ NO ☐ YES ☒ NO	☐ YES ☒ NO ☐ YES ☒ NO	☐ YES ☒ NO ☐ YES ☒ NO	☐ YES ☒ NO ☐ YES ☒ NO	☐ YES ☒ NO ☐ YES ☒ NO
Alternative Automatic Fire Extinguishing Kitchen Hoods Other	SCFC Section 904	☐ YES ☒ NO ☐ YES ☒ NO	☐ YES ☒ NO ☐ YES ☒ NO	☐ YES ☒ NO ☐ YES ☒ NO	☐ YES ☒ NO ☐ YES ☒ NO	☒ YES ☐ NO ☐ YES ☒ NO	☐ YES ☒ NO ☐ YES ☒ NO	☐ YES ☒ NO ☐ YES ☒ NO
Standpipes Required	SCFC Section 905	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO
Portable extinguishers required General Building Kitchen Labs	SCFC Section 906	☒ YES ☐ NO ☐ YES ☒ NO	☐ YES ☐ NO ☐ YES ☒ NO	☒ YES ☐ NO ☐ YES ☒ NO	☒ YES ☐ NO ☐ YES ☒ NO	☒ YES ☐ NO ☐ YES ☒ NO	☒ YES ☐ NO ☐ YES ☒ NO	☒ YES ☐ NO ☐ YES ☒ NO

OTHER FIRE AND LIFE SAFETY FEATURES

DESIGNATED AREAS OF BUILDING	Building Code	Fieldhouse (Base Bid)	Weight Room (Add Alt 1)	Concessions (Add Alt 6)	Football Stadium (Add Alt 6)	
Smoke Control System	Section 909	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☐ NO
Smoke & Heat Removal Required	SCFC 910	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☐ NO
Fire Department Connections	Section 912	☒ YES ☐ NO	☒ YES ☐ NO	☒ YES ☐ NO	☒ YES ☐ NO	☐ YES ☐ NO

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Form F3 – Building Code Analysis

MOST RESTRICTIVE OCCUPANCY GROUP	Tables 504.3, 504.4 & 506.2	E	A-5	A-3	E	B	A-5	B
Does building require Incidental Use Area Separation?	Table 509	☒ YES ☐ NO	☐ YES ☒ NO	☒ YES ☐ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO
Does building have Accessory Occupancy (ies)?	Section 508.2	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☒ YES ☐ NO	☐ YES ☒ NO
What is the aggregate square footage of the accessory occupancy (ies)?	Section 508.2	SF	SF	SF	SF	SF	460 SF	SF
What percent of the story is the aggregate of the accessory occupancy (ies)?	Section 508.2	%	%	%	%	%	4 %	%
Mixed Occupancy	Section 508	☒ YES ☐ NO	☐ YES ☒ NO	☒ YES ☐ NO	☐ YES ☒ NO	☒ YES ☐ NO	☐ YES ☒ NO	☐ YES ☒ NO
		☒ Nonseparated ☐ Separated	☒ Nonseparated ☐ Separated	☒ Nonseparated ☐ Separated	☒ Nonseparated ☐ Separated	☒ Nonseparated ☐ Separated	☒ Nonseparated ☐ Separated	☒ Nonseparated ☐ Separated

EXISTING BUILDING CODE INFORMATION [SCEBC] (NOT APPLICABLE)

DESIGNATED AREAS OF BUILDING	Area A1, A2	Area B, E1, E2	Area C
Method of Compliance: (*Check only one Option and all items that apply under that Option.*)	☐ Option 1: Prescriptive Compliance Method (Ch. 3, 5) ☐ Alteration ☐ Addition	☐ Option 1: Prescriptive Compliance Method (Ch. 3, 5) ☐ Alteration ☐ Addition	☐ Option 1: Prescriptive Compliance Method (Ch. 3, 5) ☐ Alteration ☐ Addition

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SUMMARY - BUILDING DESIGN OCCUPANT LOAD

DESIGNATED AREAS OF BUILDING	Fieldhouse (Base Bid)	Dugouts (Base Bid)	Weight Room (Add Alt 1)	Greenhouse (Add Alt 5)	Concessions (Add Alt 6)	Pressbox (Add Alt 6)
Locker Rooms	42					
Business	8					3
Exercise (Weight Room)			69			
Building Support & Storage	7	2			4	
Education	42			30		
Assembly		90				
Commercial Kitchen	2				4	
TOTAL:	101	92	69	30	8	3

SUMMARY - BUILDING DESIGN OCCUPANT LOAD

DESIGNATED AREAS OF BUILDING	Base Bid - Baseball & Softball	Add Alt 6 - Football
Bleachers	400	3086
TOTAL:	400	3086

Note: Per SC Building Code Chapter 10, list individual spaces occupant load on life safety plan. ***Double Click to Edit Table***

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Form F3 – Building Code Analysis

AREA AS DESIGNED PER STORY (Repeat for each story)	TOTAL= 8,450 SF	TOTAL= 916 SF	TOTAL= 3,442 SF	TOTAL= 1,500 SF	TOTAL= 987 SF	TOTAL= 18,303 SF	TOTAL= 344 SF
			*TOTAL SQUARE FOOTAGE OF FIELD HOUSE WITH BASE BID, ADD ALT 1 WEIGHT ROOM IS = 11,892 SF *TOTAL SQUARE FOOTAGE INCLUDING ADD ALT 6 IS 31,920 SF.				

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Form F3 – Building Code Analysis

Carbon Monoxide Detection	Section 915	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☐ NO
Gas Detection Systems	Section 916	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☐ NO
Emergency Responder Radio Coverage	Section 918	☒ YES ☐ NO	☒ YES ☐ NO	☒ YES ☐ NO	☒ YES ☐ NO	☐ YES ☒ NO	☐ YES ☒ NO
Fire Apparatus Access and Water Line	SCFC 503 & 507	☒ YES ☐ NO	☒ YES ☐ NO	☒ YES ☐ NO	☒ YES ☐ NO	☐ YES ☒ NO	☐ YES ☒ NO
2-way Communication Required	Section 1009.8	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☐ NO
Area of Refuge *(e.g. Separation, Two-Way Communication, and Instruction)*	Sections 1009.6, 1009.9, 1009.10 & 1009.11	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☐ NO
Exterior Area for Assisted Rescue *(e.g. Separation, Openness, and Instruction)*	Sections 1009.7, 1009.9, 1009.10 & 1009.11	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☐ NO
Safe Dispersal Area	Section 1028.5	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☐ NO	☐ YES ☐ NO
(Add others as needed)		☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO
(Add others as needed)		☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO

FIRE RESISTANCE RATING OF BUILDING ELEMENTS

DESIGNATED AREAS OF BUILDING		Building Code	Fieldhouse (Base Bid)	Dugouts (Base Bid)	Weight Room (Add Alt 1)	Greenhouse (Add Alt 5)	Concessions (Add Alt 6)	Football Stadium (Add Alt 6)	Pressbox (Add Alt 6)
Primary Structural Frame	As Required, Hrs	Table 601	0	0	0	0	0	0	0
	As Designed, Hrs		0	0	0	0	0	0	0
	Testing Agency & Design No.(UL, FM, etc)		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Wall/Partition Key Code								
Bearing Walls, Exterior	As Required, Hrs	Table 601	0	0	0	0	0	0	0
	As Designed, Hrs		0	0	0	0	0	0	0
	Testing Agency & Design No.(UL, FM, etc)								
	Wall/Partition Key Code								

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Form F3 – Building Code Analysis

Change of Occupancy ☐ Historic Building	☐ Change of Occupancy ☐ Historic Building	☐ Change of Occupancy ☐ Historic Building
☐ Option 2: Work Area Compliance Method (Ch. 3, 6-12) ☐ Alteration Level 1 ☐ Alteration Level 2 ☐ Alteration Level 3 ☐ Change of Occupancy ☐ Additions ☐ Historic Building Aggregate area of building: SF Work area: SF	☐ Option 2: Work Area Compliance Method (Ch. 3, 6-12) ☐ Alteration Level 1 ☐ Alteration Level 2 ☐ Alteration Level 3 ☐ Change of Occupancy ☐ Additions ☐ Historic Building Aggregate area of building: SF Work area: SF	☐ Option 2: Work Area Compliance Method (Ch. 3, 6-12) ☐ Alteration Level 1 ☒ Alteration Level 2 ☐ Alteration Level 3 ☐ Change of Occupancy ☐ Additions ☐ Historic Building Aggregate area of building: SF Work area: SF
☐ Option 3: Performance Compliance Method (Ch. 3, 13)	☐ Option 3: Performance Compliance Method (Ch. 3, 13)	☐ Option 3: Performance Compliance Method (Ch. 3, 13)
Original Building Code and Edition Applicable at the time of Construction:		
Existing Sprinkler System? ☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO
Existing Fire Alarm System? ☐ Manual ☐ Auto	☐ Manual ☐ Auto	☐ Manual ☐ Auto
Seismic Evaluation Required? ☐ YES ☐ NO	☐ YES ☐ NO	☐ YES ☐ NO
Change of Occupancy: ☐ YES ☐ NO Existing Occupancy Class(s): New Occupancy Classification(s):	☐ YES ☐ NO Existing Occupancy Class(s): New Occupancy Classification(s):	☐ YES ☐ NO Existing Occupancy Class(s): New Occupancy Classification(s):
Historic Building: ☐ YES ☐ NO ☐ Preservation ☐ Rehabilitation ☐ Restoration ☐ Reconstruction	☐ YES ☐ NO ☐ Preservation ☐ Rehabilitation ☐ Restoration ☐ Reconstruction	☐ YES ☐ NO ☐ Preservation ☐ Rehabilitation ☐ Restoration ☐ Reconstruction

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Form F3 – Building Code Analysis

		ALLOWABLE BUILDING AREA						
DESIGNATED AREAS OF BUILDING		Fieldhouse (Base Bid)	Dugouts (Base Bid)	Weight Room (Add Alt 1)	Greenhouse (Add Alt 6)	Concessions (Add Alt 6)	Football Stadium (Add Alt 6)	Pressbox (Add Alt 6)

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Form F3 – Building Code Analysis

DESIGNATED AREAS OF BUILDING	Building Code	Fieldhouse (Base Bid)		Dugouts (Base Bid)		Weight Room (Add Alt 1)		Greenhouse (Add Alt 5)		Concessions (Add Alt 6)	
HEIGHT	-	DESIGNED	ALLOWED	DESIGNED	ALLOWED	DESIGNED	ALLOWED	DESIGNED	ALLOWED	DESIGNED	ALLOWED
In Feet	Table 504.3	17'-2"	55'	8'-3"	55'	17'-2"	55'	55'	55'	17'-2"	75'
In Stories	Table 504.4	1	4	UL	1	1	2	1	2	1	3

Note: Allowable Building Height & Number of Stories Above Grade Plane

BUILDING HEIGHT

DESIGNATED AREAS OF BUILDING	Building Code	Football Stadium (Add Alt 6)		Pressbox (Add Alt 6)	
HEIGHT	-	DESIGNED	ALLOWED	DESIGNED	ALLOWED
In Feet	Table 504.3	29'-3"	75'	7'-10"	55'
In Stories	Table 504.4	1	UL	2	3

Note: Allowable Building Height & Number of Stories Above Grade Plane

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Form F3 – Building Code Analysis

FIRE RESISTANCE RATING OF BUILDING ELEMENTS

DESIGNATED AREAS OF BUILDING		Building Code	Fieldhouse (Base Bid)	Dugouts (Base Bid)	Weight Room (Add Alt 1)	Greenhouse (Add Alt 5)	Concessions (Add Alt 6)	Football Stadium (Add Alt 6)	Pressbox (Add Alt 6)
Bearing Walls, Interior	Testing Agency & Design No.(UL, FM, etc)	Table 601	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Wall/Partition Key Code		W1, W2	W3	W1, W2	N/A	W1, W2	N/A	W4
	As Required, Hrs		0	0	0	0	0	0	0
	As Designed, Hrs		0	0	0	0	0	0	0
	Testing Agency & Design No.(UL, FM, etc)		IBC 722.3.2	N/A	N/A	N/A	N/A	N/A	N/A
	Wall/Partition Key Code		8M1, 8M	8M	8M	8M	8M	N/A	8M
Nonbearing Walls and Partitions, Interior	As Required, Hrs	Table 601	0	0	0	0	0	0	0
	As Designed, Hrs		0	0	0	0	0	0	0
	Testing Agency & Design No.(UL, FM, etc)		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Wall/Partition Key Code		6M, 8M, 8M1	N/A	6M, 8M, 8M1	N/A	6M, 8M, 8M1	N/A	4PB
Nonbearing Walls and Partitions, Exterior	As Required, Hrs	Table 602	0		0		0	0	0
	As Designed, Hrs		0		0		0	0	0
	Testing Agency & Design No.(UL, FM, etc)		N/A		N/A		N/A	N/A	N/A
	Wall/Partition Key Code		N/A		N/A		N/A	N/A	N/A

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Form F3 – Building Code Analysis

EXISTING BUILDING CODE INFORMATION [SCEBC] (NOT APPLICABLE)

DESIGNATED AREAS OF BUILDING	Area D1, D2	Area F1, F2
Method of Compliance: (*Check only one Option and all items that apply under that Option.*)	☐ Option 1: Prescriptive Compliance Method (Ch. 3, 5) ☐ Alteration ☐ Addition ☐ Change of Occupancy ☐ Historic Building	☐ Option 1: Prescriptive Compliance Method (Ch. 3, 5) ☐ Alteration ☐ Addition ☐ Change of Occupancy ☐ Historic Building
	☐ Option 2: Work Area Compliance Method (Ch. 3, 6-12) ☐ Alteration Level 1 ☐ Alteration Level 2 ☐ Alteration Level 3 ☐ Change of Occupancy ☐ Additions ☐ Historic Building Aggregate area of building: SF Work area: SF	☐ Option 2: Work Area Compliance Method (Ch. 3, 6-12) ☐ Alteration Level 1 ☐ Alteration Level 2 ☐ Alteration Level 3 ☐ Change of Occupancy ☐ Additions ☐ Historic Building Aggregate area of building: SF Work area: SF
	☐ Option 3: Performance Compliance Method (Ch. 3, 13)	☐ Option 3: Performance Compliance Method (Ch. 3, 13)
Original Building Code and Edition Applicable at the time of Construction:		
Existing Sprinkler System?	☐ YES ☐ NO	☐ YES ☐ NO
Existing Fire Alarm System?	☐ Manual ☐ Auto	☐ Manual ☐ Auto
Seismic Evaluation Required?	☐ YES ☐ NO	☐ YES ☐ NO
Change of Occupancy:	☐ YES ☐ NO Existing Occupancy Classification(s): New Occupancy Classification(s):	☐ YES ☐ NO Existing Occupancy Classification(s): New Occupancy Classification(s):

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Form F3 – Building Code Analysis

A_t Tabular allowable area factor (NS, S1, S13R or SM as applicable) in accordance with IBC Table 506.2	A_t = 14,500 SF	A_t = UL	A_t = 9,500 SF	A_t = 14,500 SF	A_t = 23,000 SF	A_t = UL	A_t = 23,000 SF
Allowable Area Increase (Equations 5-1 through 5-5, as applicable)	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☐ NO
IBC Section 506.3.2 Equation 5-4 where:	L_a =	L_a =	L_a =	L_a =	L_a =	L_a =	L_a =
$W = (L_1 \times w_1 + L_2 \times w_2 + L_3 \times w_3 + \ldots) / F$	w_a =	w_a =	w_a =	w_a =	w_a =	w_a =	w_a =
W = Width of public way or open space	W =	W =	W =	W =	W =	W =	W =
L_a Length of a portion of the exterior perimeter wall.	F =	F =	F =	F =	F =	F =	F =
w_a Width (>= 20 feet) of public way or open space associated with that portion of the exterior perimeter wall.	P =	P =	P =	P =	P =	P =	P =
F Building perimeter that fronts on a public way or open space having a width of 20 feet or more	I_f =	I_f =	I_f =	I_f =	I_f =	I_f =	I_f =
IBC Section 506.3.3 Equation 5-5 where:							
$I_f = [F/P - 0.25] W/30$							
I_f = Area factor increase factor due to frontage							
F Building perimeter that fronts on a public way or open space having a width of 20 feet or more.							
P Perimeter of entire building (feet).							
W Width of public way or open space in accordance with Equation 5-4							

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Form F3 – Building Code Analysis

GENERAL FIRE PROTECTION REQUIREMENTS

DESIGNATED AREAS OF BUILDING	Building Code	Fieldhouse (Base Bid)	Dugouts (Base Bid)	Weight Room (Add Alt 1)	Greenhouse (Add Alt 5)	Concessions (Add Alt 6)	Football Stadium (Add Alt 6)	Pressbox (Add Alt 6)
SEPARATIONS								
Fire Wall Required	Section 706	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO
Fire Barrier Required	Section 707	☒ YES ☐ NO	☐ YES ☒ NO	☒ YES ☐ NO	☒ YES ☐ NO	☒ YES ☐ NO	☐ YES ☒ NO	☐ YES ☒ NO
Fire Partition Required	Section 708	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO
Smoke Barriers Required	Section 709	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO
Smoke Partitions Required	Section 710	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO
Fireblocking	Section 718.2	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO
Draftstopping	Sections 718.3 & 718.4	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO	☐ YES ☒ NO
Incidental Use Area One hour fire barrier Sprinkler system plus smoke resistance	Section 509.4	☒ YES ☐ NO ☐ YES ☒ NO	☐ YES ☒ NO ☐ YES ☒ NO	☒ YES ☐ NO ☐ YES ☒ NO	☐ YES ☒ NO ☐ YES ☒ NO	☐ YES ☒ NO ☐ YES ☒ NO	☐ YES ☒ NO ☐ YES ☒ NO	☐ YES ☒ NO ☐ YES ☒ NO
ALARM & DETECTION								
Fire Alarm and Detection System Fire Alarm Mass Notification	SCFC Section 907	☒ YES ☐ NO ☒ YES ☐	☐ YES ☒ NO ☐ YES ☒	☒ YES ☐ NO ☒ YES ☐	☒ YES ☐ NO ☐ YES ☒	☒ YES ☐ NO ☒ YES ☐	☒ YES ☐ NO ☒ YES ☐	☒ YES ☐ NO ☐ YES ☒ NO ☐ YES ☒ NO

Version April 2021

SOUTH CAROLINA STATE DEPARTMENT OF EDUCATION

Form F3 – Building Code Analysis

FIRE RESISTANCE RATING OF BUILDING ELEMENTS

DESIGNATED AREAS OF BUILDING		Building Code	Fieldhouse (Base Bid)	Dugouts (Base Bid)	Weight Room (Add Alt 1)	Greenhouse (Add Alt 5)	Concessions (Add Alt 6)	Football Stadium (Add Alt 6)	Pressbox (Add Alt 6)
Floor Construction and associated secondary members	As Required, Hrs	Table 601	0	0	0	0	0	0	0
	As Designed, Hrs		0	0	0	0	0	0	0
	Testing Agency & Design No.(UL, FM, etc)		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Wall/Partition Key Code		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roof Construction and associated secondary members	As Required, Hrs	Table 601	0	0	0	0	0	0	0
	As Designed, Hrs		0	0	0	0	0	0	0
	Testing Agency & Design No.(UL, FM, etc)		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Wall/Partition Key Code		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fire Walls	As Required, Hrs	Section 706	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	As Designed, Hrs		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Testing Agency & Design No.(UL, FM, etc)		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Wall/Partition Key Code		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fire Barriers	As Required, Hrs	Section 707	1	N/A	N/A	N/A	1	N/A	N/A
	As Designed, Hrs		1	N/A	N/A	N/A	1	N/A	N/A

Version April 2021

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

LS3P

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REVISIONS:

No.	Description	Date

LS3P PROJECT: 1201-217190

DATE: 10/31/2025

CODE INFORMATION OSF FORM F3

G-003

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/Athletic Fieldhouse_Hampton County HS_v2022.rvt
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SOUTH CAROLINA STATE DEPARTMENT OF EDUCATION

Form F3 – Building Code Analysis

FIRE RESISTANCE RATING OF BUILDING ELEMENTS

DESIGNATED AREAS OF BUILDING		Building Code	Fieldhouse (Base Bid)	Dugouts (Base Bid)	Weight Room (Add Alt 1)	Greenhouse (Add Alt 5)	Concessions (Add Alt 6)	Football Stadium (Add Alt 6)	Pressbox (Add Alt 6)
	Testing Agency & Design No.(UL, FM, etc)		IBC 722.3.2	N/A	N/A	N/A	IBC 722.3.2	N/A	N/A
	Wall/Partition Key Code		8M1	N/A	N/A	N/A	8M1	N/A	N/A
Fire Partitions	As Required, Hrs	Section 708	0	0	0	0	0	0	0
	As Designed, Hrs		0	0	0	0	0	0	0
	Testing Agency & Design No.(UL, FM, etc)		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Wall/Partition Key Code		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Smoke Barriers	As Required, Hrs	Section 709	0	0	0	0	0	0	0
	As Designed, Hrs		0	0	0	0	0	0	0
	Testing Agency & Design No.(UL, FM, etc)		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Wall/Partition Key Code		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Smoke Partitions	As Required, Hrs	Section 710	0	0	0	0	0	0	0
	As Designed, Hrs		0	0	0	0	0	0	0
	Testing Agency & Design No.(UL, FM, etc)		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Wall/Partition Key Code		N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Form F3 – Building Code Analysis

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Form F3 – Building Code Analysis

Provide a table for each structure.

PLUMBING INFORMATION		
WATER SYSTEM		
Service Line Size	6 Inches	
Distribution Design Criteria **(SCPC Table 604.3)**	468 Fixture Units	
Maximum Flow Rate **(SCPC Table 604.4)**	140 GPM	
Backflow	Location	Exterior, Rear of School
	Type	DCVA
Test Pressure	tbd psi	
SANITARY SEWER SYSTEM		
Service Line Size		
Drainage Design Criteria **(SCPC Tables 709.1 and 709.2)**	275 TOTAL Fixture Units	
Maximum Flow Rate	GPD	
Slope (SCPC Table 704.1)	1/8 Inches/Ft	

SUMMARY OF FIXTURES (SCPC Section 403 & Table 403.1) *Sea summary table; numbers below reflect Base Bid, Add Alt 1 and Add Alt 6.		
Water Closets	Male-Required	9
	Male WC -Provided	9
	Male Urinal -Provided	10
	Female-Required	17
	Female-Provided	21
Lavatories	Male-Required	6
	Male-Provided	8
	Female-Required	6
	Female-Provided	10
Showers	Male-Provided	6
	Female-Provided	2
Drinking Fountains	Required	4
	Provided	8
Family or Assisted-Use Toilet	Required	1
	Provided	1
Service Sink	Required	1
	Provided	2
Others (list)	Required	
	Provided	

SOUTH CAROLINA STATE DEPARTMENT OF EDUCATION

Form F3 – Building Code Analysis

FIRE RESISTANCE RATING OF BUILDING ELEMENTS

DESIGNATED AREAS OF BUILDING		Building Code	Fieldhouse (Base Bid)	Dugouts (Base Bid)	Weight Room (Add Alt 1)	Greenhouse (Add Alt 5)	Concessions (Add Alt 6)	Football Stadium (Add Alt 6)	Pressbox (Add Alt 6)
Horizontal Assemblies	As Required, Hrs	Section 711	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	As Designed, Hrs		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Testing Agency & Design No.(UL, FM, etc)		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Wall/Partition Key Code		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Shaft Enclosures	As Required, Hrs	Sections 712 & 713	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	As Designed, Hrs		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Testing Agency & Design No.(UL, FM, etc)		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Wall/Partition Key Code		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Opening & Protective Listing by Category (fire shutters, doors, etc.)	As Required, Hrs	Section 716	See Door Schd	See Door Schd	See Door Schd	See Door Schd	See Door Schd	See Door Schd	See Door Schd
	As Designed, Hrs		See Door Schd	See Door Schd	See Door Schd	See Door Schd	See Door Schd	See Door Schd	See Door Schd
	Testing Agency & Design No.(UL, FM, etc)		IBC T.716.5 NFPA 80	IBC T.716.5 NFPA 80	IBC T.716.5 NFPA 80	IBC T.716.5 NFPA 80	IBC T.716.5 NFPA 80	IBC T.716.5 NFPA 80	IBC T.716.5 NFPA 80
	Wall/Partition Key Code		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Others (as required by Designer)	As Required, Hrs		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	As Designed, Hrs		N/A	N/A	N/A	N/A	N/A	N/A	N/A

SOUTH CAROLINA STATE DEPARTMENT OF EDUCATION

Form F3 – Building Code Analysis

Per IBC Chapter 16 and ASCE 7 – Structural tables may be shown on initial Structural Sheet of the drawings or on Sheet with other code information. List floor design loads on structural plans.

STRUCTURAL DESIGN INFORMATION, AREA								
		Building Code	Fieldhouse (Base Bid)	Dugouts (Base Bid)	Weight Room (Add Alt 1)	Greenhouse (Add Alt 5)	Concessions (Add Alt 6)	Football Stadium (Add Alt 6)	Pressbox (Add Alt 6)
OCCUPANCY CATEGORY		**Table 1604.5**	See S-001	See S-001	See S-001	See S-001	See S-001	See S-001	See S-001
LIVE LOAD FOR EACH CCUPANCY TYPE	Floor Live Load, F_0	**Figure 1608.2 or ASCE 7**	Varies PSF	Varies PSF	Varies PSF	Varies PSF	Varies PSF	Varies PSF	Varies PSF
	Roof Live Load, R_0		20 PSF	20 PSF	20 PSF	20 PSF	20 PSF	N/A	20 PSF
	Ground Snow Load, p_g		10 PSF	10 PSF	10 PSF	10 PSF	10 PSF	10 PSF	10 PSF
MISCELLANEOUS LOADS BY SPECIAL USE AREA *(ARCHITECTURAL, MECHANICAL, DATA CENTER, ETC.)*		**ASCE 7**	Varies PSF	Varies PSF	Varies PSF	Varies PSF	Varies PSF	Varies PSF	Varies PSF

SOUTH CAROLINA STATE DEPARTMENT OF EDUCATION

Form F3 – Building Code Analysis

Summary of data from approved ASHRAE 90.1 compliance sheets.

MECHANICAL INFORMATION		
GENERAL INFORMATION		
Building Location	Savannah WSO AP	
Climate Zone	3A	
Outdoor Design Temperature	Summer	93 deg F DB
		76 deg F WB
	Winter	26 deg F DB
		deg F WB
Indoor Design Temperature	Summer	75 deg F DB
		50 % RH
	Winter	70 deg F DB
		45 % RH
OUTSIDE AIR Per 2021 SC Mech Code Chapter 4		
Occupied Minimum Outside Air	Apx 18 cfm per person	
CO2 Demand Management	☐ no ☒ yes	
Supervised Control System	☐ no ☒ yes	
MECHANCIAL SYSTEMS, SERVICE SYSTEMS & EQUIPMENT Package DX cooling, Gas Heat. Constant volume air systems with energy recovery wheel(s) where Exhaust and Outside Air amounts require energy recovery per ASHRAE 90.1.		

ELECTRICAL INFORMATION		
SERVICE TRANSFORMER	☒ By Utility	
	☐ By District	300 KVA Primary
		208v Voltage/Phase
ELECTRICALSERVICE INFORMATION		
Service Voltage/Phase	480	1000 Amperes
Service Entrance Conductors Size	500kcmil	2 Qty per Phase
Total Connected Load		371 KVA
Estimated Maximum Demand		378 KVA
Available Fault Current in Symmetrical Amperes		23800
Interrupting Capacity of Service Overcurrent Device		65000
Grounding electrode system components (NEC 250)		1/0
EMERGENCY SERVICE INFORMATION		
Emergency Generator	☒ no ☐ yes	25 KVA
	Fuel	BATTER INVERTER
Exit/Emergency Lights Backup Power		☒ Integral Battery
		☐ Generator
Fire Alarm System	☐ Manual	☒ Addressable
	☒ Automatic	☐ Class A
		☒ Class B
LIGHTNING PROTECTION PROVIDED		☒ no ☐ yes

SOUTH CAROLINA STATE DEPARTMENT OF EDUCATION

Form F3 – Building Code Analysis

FIRE RESISTANCE RATING OF BUILDING ELEMENTS

DESIGNATED AREAS OF BUILDING		Building Code	Fieldhouse (Base Bid)	Dugouts (Base Bid)	Weight Room (Add Alt 1)	Greenhouse (Add Alt 5)	Concessions (Add Alt 6)	Football Stadium (Add Alt 6)	Pressbox (Add Alt 6)
	Testing Agency & Design No.(UL, FM, etc)		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Wall/Partition Key Code		N/A	N/A	N/A	N/A	N/A	N/A	N/A

SOUTH CAROLINA STATE DEPARTMENT OF EDUCATION

Form F3 – Building Code Analysis

SOILS & SITE (pending geotechnical report)	
SOILS INVESTIGATION REQUIRED? **(IBC 1803.2)**	☐ no ☒ yes
SOILS CLASSIFICATION	
Seismic Site Class **(SCBC Section 1613.3.2)**	F
Classes Soil of Materials (UCS System) **(SCBC 1803.5.1)**	Clay and Silt
Allowable Footing Bearing Pressure	2,500 psf
MINIMUM DESIGN SOIL BEARING LOAD **(SCBC Table 1806.2)**	1,500 psf
COMPACTION	
Subgrade **(ASTM D698, ASTM D1557)** or **(AASHTO only for paving & roads)**	95 %
Base **(ASTM D698, ASTM D1557)** or **(AASHTO only for paving & roads)**	100 %
Other **(ASTM D698, ASTM D1557)** or **(AASHTO only for paving & roads)**	92 %
MINIMUM DESIGN SOIL LATERAL LOAD **(SCBC 1610.1)**	60 psf
FOOTINGS	
Undisturbed footings	☐ no ☒ yes
Compacted Fill Material **(SCBC Section 1804.6)**	☐ no ☒ yes
ELEVATIONS	
Elevation of Water Table	82'-80' MSL
Elevation of lowest footing	80.5' MSL
Elevation of lowest floor or basement	84.5' MSL

STRUCTURAL DESIGN INFORMATION, BUILDING		
WIND LOADS	Analysis Procedure **(ASCE 7 or SCBC 1609.6)**	ASCE 7
	Basic design Wind Speed, MPH **(3 sec gust IBC Fig 1609.3)**	138 = V
	Exposure Category	C
	Wind Importance Factor **(ASCE 7 Table 1.5-2)**	$1.0 = I_w$
	Internal Pressure Coefficient **(ASCE 7)**	$0.18 = GC_{pi}$
	External Pressure Coefficient **(ASCE 7)**	Varies = GC_p
SEISMIC LOADS/Earthquake	Seismic Importance Factor **(ASCE 7)**	$1.25 = I$
	Site Class **(SCBC Section 1613.3.2)**	F
	Mapped Spectral Response Accelerations	$0.416 = S_s$ $0.137 = S_1$
	Design Spectral Response Acceleration Parameters	$0.407 = S_{DS}$ $0.212 = S_{D1}$
	Seismic Use Group **(ASCE 7 and Seismic Occupancy Category IBC)**	III
	Seismic Design Category **SCBC Tables 1613.3.5(1) & 1613.3.5(2)**	D
	Basic Seismic Force Resisting System	Varies
	Design Base Shear	Varies KIPS
	Seismic Response Coefficient(s) **ASCE 7**	Varies
	Response Modification Factor(s) **ASCE 7**	Varies
	Analysis Procedure	ELF

SOUTH CAROLINA STATE DEPARTMENT OF EDUCATION

Form F3 – Building Code Analysis

Note: Expand as Needed. **Double Click to Edit & Change.**

SOUTH CAROLINA STATE DEPARTMENT OF EDUCATION

Form F3 – Building Code Analysis

FLOOD HAZARD INFORMATION and FLOOD LOADS	
FLOOD HAZARD AREA (N/A not in a flood zone)	
Base Flood Elevation **(NGVD or FIRM)**	MSL
Design Flood Elevation **SCBC 1612.3 and ASCE 24**	MSL
NON HIGH-VELOCITY WAVE ACTION (N/A not in a wave action zone)	
Elevation of Lowest Proposed Floor **(Meet ASCE 24 Section 2.6.2.1)**	MSL
Dry flood proofing **ASCE 24**	☒ no ☐ yes
HIGH-VELOCITY WAVE ACTION (N/A not in a wave action zone)	
Elevation of bottom of Lowest Horizontal Structural Member of lowest floor	85.0' MSL
Flotation resistant **(ASCE 24)**	☒ no ☐ yes
Breakaway wallper **(ASCE 24)**	☒ no ☐ yes

FIRE SERVICE INFORMATION (N/A building does not have an automatic sprinkler system)		
Service Line Size		
Fire Department Connection	Location	
Backflow	Location	
	Type	
Fire Hydrant Flow Test	Date	8/19/25
	Flow	787 GPM
	Residual	33 PSI
	Static	66 PSI

ENERGY INFORMATION		
INSULATION		
Roof	Cavity	R
	Continuous	30 R
Walls	Cavity	R
	Continuous	10 R
Underslab		N/A R
GLAZING (each type)		
Window to wall ratio	North	.12 %
	East	.11 %
	South	.13 %
	West	.11 %
Glass Type	U Factor	Clear Insulated 0.29 Tinted Insulated 0.29
	SHG	Clear Insulated 0.23 Tinted Insulated 0.22

Summary of data from approved ASHRAE 90.1 compliance sheets.

SOUTH CAROLINA STATE DEPARTMENT OF EDUCATION

Form F3 – Building Code Analysis

The Designer(s) of Record shall determine the material and/or work on the project requiring Special Inspections. The Special Inspection requirements shall be based on Section 1704 & Section 1705 of the 2018 South Carolina Building Code. Any deviations from the requirements of Section 1704 and/or Section 1705 must be approved by OSF. Per SCBC Chapter 16 and ASCE 7 – This information may be shown on initial Structural Sheet of the drawings or on Sheet with other code information. List floor design loads on structural plans.

STATEMENT OF SPECIAL INSPECTIONS (See Project Manual)

MATERIAL	TYPE OF INSPECTION	FREQUENCY	SPECIFICATION REFERENCE	INSPECTION BY

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

LS3P

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CHARLESTON, SOUTH CAROLINA 29401
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REVISIONS:

No.	Description	Date

LS3P PROJECT: 1201-217190

DATE: 10/31/2025

CODE INFORMATION OSF FORM F3

G-004

CONSTRUCTION DOCUMENTS

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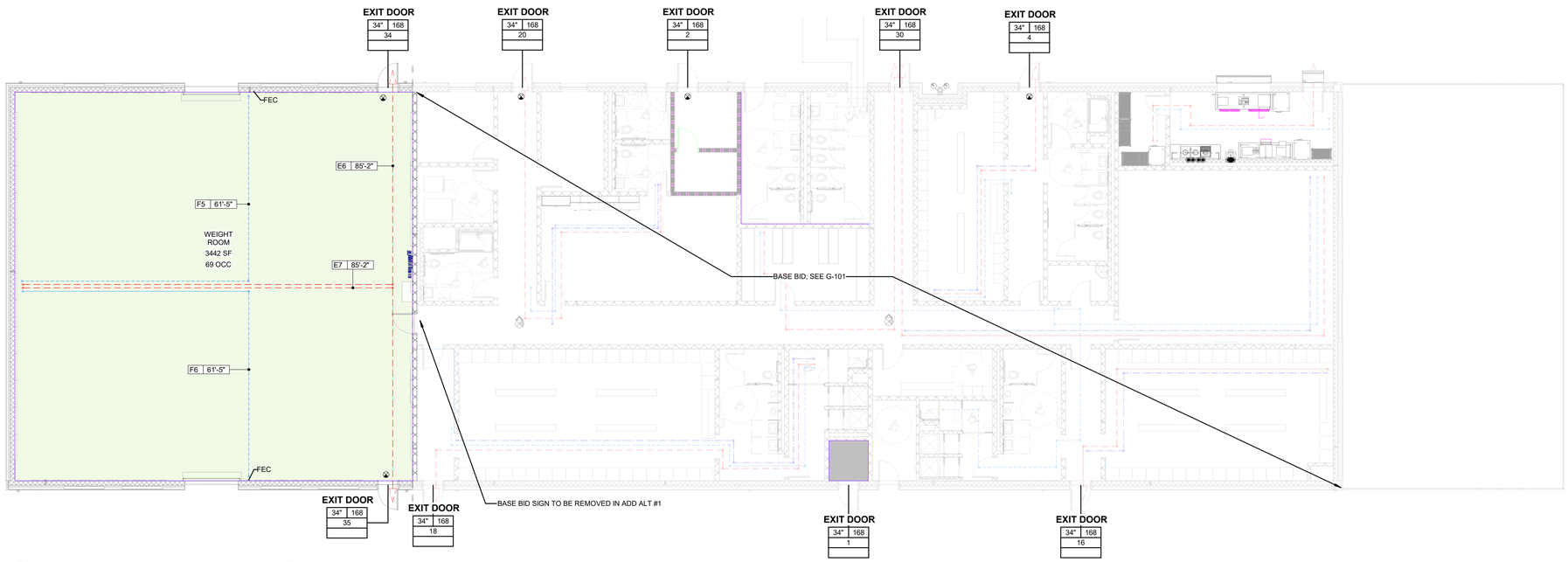
LIFE SAFETY- OCCUPANCY- LEVEL 1 BASE BID

NUMBER	NAME	AREA	AREA FUNCTION (OLF)	AREA PER OCCUPANT	OCCUPANTS_ CALCULATED	PHASE
	LOCKERS	875 SF	(IBC2018) LOCKER ROOMS	50 SF	18	Base Bid
	EDUCATION	834 SF	(IBC2018) EDUCATIONAL- CLASSROOM AREA	20 SF	42	Base Bid
	LOCKERS	773 SF	(IBC2018) LOCKER ROOMS	50 SF	16	Base Bid
	BUSINESS	462 SF	(IBC2018) BUSINESS AREAS	150 SF	4	Base Bid
	LOCKERS	388 SF	(IBC2018) LOCKER ROOMS	50 SF	8	Base Bid
	CONCESSIONS	245 SF	(IBC2015) KITCHENS- COMMERCIAL	200 SF	2	Base Bid
	EQUIPMENT	208 SF	(IBC2018) ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	1	Base Bid
	OFFICE	138 SF	(IBC2018) BUSINESS AREAS	150 SF	1	Base Bid
	BUSINESS	126 SF	(IBC2018) BUSINESS AREAS	150 SF	1	Base Bid
	OFFICE	120 SF	(IBC2018) BUSINESS AREAS	150 SF	1	Base Bid
	LAUNDRY	94 SF	(IBC2018) ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	1	Base Bid
	BUSINESS	78 SF	(IBC2018) BUSINESS AREAS	150 SF	1	Base Bid
	ELEC/MECH	78 SF	(IBC2018) ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	1	Base Bid
	STOR.	78 SF	(IBC2018) ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	1	Base Bid
	ELEC/MECH	53 SF	(IBC2018) ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	1	Base Bid
	JAN.	48 SF	(IBC2018) ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	1	Base Bid
	STOR.	740 SF	(IBC2018) ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	3	Base Bid
	STOR.	737 SF	(IBC2018) ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	3	Base Bid
	STOR.	737 SF	(IBC2018) ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	3	Base Bid
		6811 SF			109	



C1 LIFE SAFETY - FIELDHOUSE WEIGHT ROOM (ADD ALTERNATE 1)

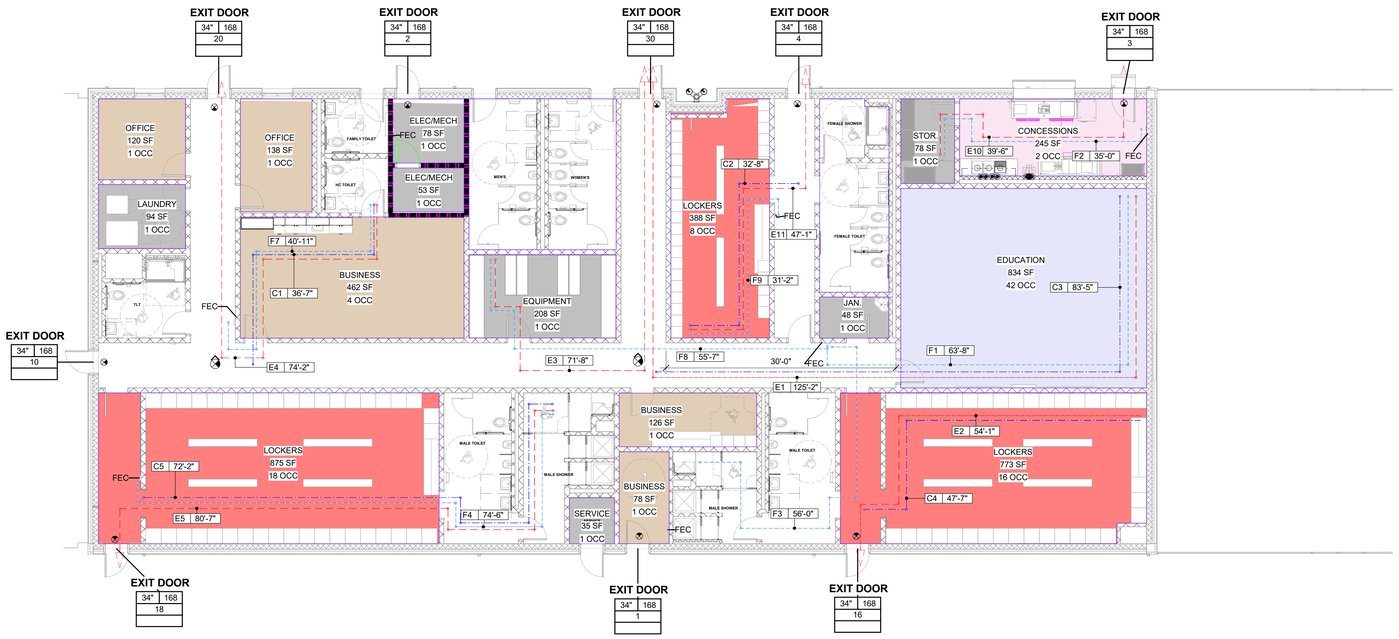
1/8" = 1'-0"

EGRESS PATHS- LEVEL 1- BASE BID	
EGRESS PATHS	DISTANCE
E1	125'-2"
E2	54'-0 1/2"
E3	71'-7 1/2"
E4	74'-2 1/2"
E5	80'-7"
E7	48'-10"
E8	30'-7 1/2"
E9	28'-8 1/2"
E10	39'-6"
E11	47'-1 1/2"
E12	40'-7 1/2"
E13	46'-10 1/2"
E14	46'-6 1/2"

COMMON PATHS- LEVEL 1- BASE BID	
COMMON PATHS	DISTANCE
C1	36'-7 1/2"
C2	32'-8"
C3	83'-5"
C4	47'-7 1/2"
C5	72'-2"

FE PATHS- LEVEL 1- BASE BID	
FE PATHS	DISTANCE
F1	63'-8"
F2	35'-0"
F3	56'-0"
F4	74'-5 1/2"
F7	40'-11 1/2"
F8	55'-7"
F9	31'-2 1/2"
F10	45'-5"
F11	49'-9 1/2"
F13	49'-9 1/2"

EGRESS PATHS- LEVEL 1 - ADD ALT #1	
PATH	DISTANCE
E6	85'-2"
E7	85'-2"

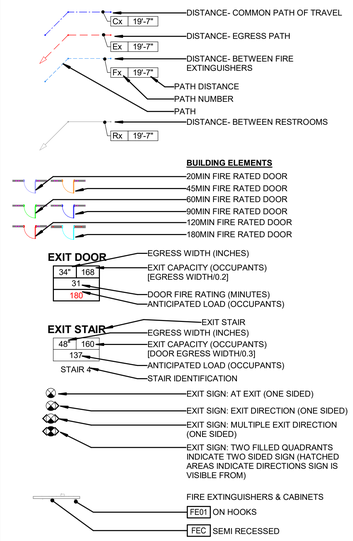


A1 LIFE SAFETY FIELDHOUSE LOCKER ROOMS (BASE BID)

1/8" = 1'-0"

#	CODE COMPLIANCE NOTES BY...
NUMBER	NOTE

CODE COMPLIANCE LEGEND



PARTITION GRAPHICS

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

8M1C

- 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

1 HOUR-RATED PARTITION

COLOR LEGEND

NON-RATED PARTITION TO 6" ABOVE CEILING, U.N.O.

NON-RATED PARTITION TO DECK

NON-RATED **CONSTRUCTION TO RESIST THE PASSAGE OF SMOKE** TO DECK

RATED **FIRE BARRIER** TO DECK

TRUE NORTH PROJECT NORTH

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

LS3P

205 1/2 KING STREET
CHARLESTON, SOUTH CAROLINA 29401
TEL. 843.577.4444 FAX 843.722.4789
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STATE OF SOUTH CAROLINA — NICHOLAS P. KATSIBAS — Charleston, SC — No. 9570 — REGISTERED ARCHITECT

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REVISIONS:

No.	Description	Date

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

LIFE SAFETY PLAN- FIELD HOUSE & ADD ALT 1

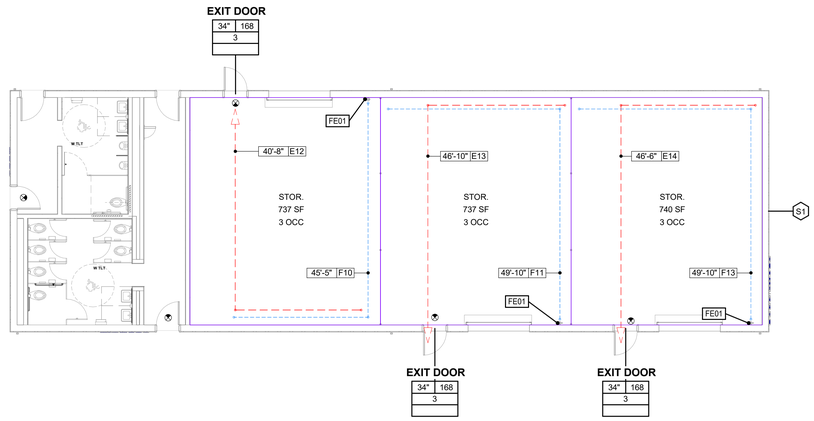
G-101

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/Athletic Fieldhouse_Hampton County HS_v2022.rvt
10/31/2025 11:13:59 PM

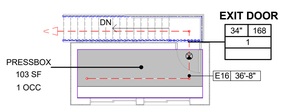
EGRESS PATHS- LEVEL 1 - ADD ALT #6	
PATH	DISTANCE
E17	146'-10"
E19	84'-6 1/2"
E20	122'-8 1/2"
E21	88'-1"
E22	129'-9"
E24	182'-11 1/2"
E25	131'-1 1/2"
E26	85'-10 1/2"
E27	83'-3 1/2"
E28	110'-7 1/2"
E30	83'-8"
E31	58'-3"
E32	61'-7 1/2"
E33	93'-11 1/2"
E34	100'-0"
E35	140'-0 1/2"
E36	142'-1 1/2"
E37	142'-1 1/2"
E38	140'-0 1/2"
E39	100'-0"
E40	93'-11 1/2"
E41	61'-7 1/2"
E42	58'-3"

# NUMBER	CODE COMPLIANCE NOTES BY... NOTE



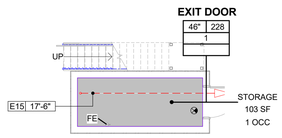
1 LIFE SAFETY - RESTROOM & STORAGE BUILDING (BASE BID)

1/8" = 1'-0"



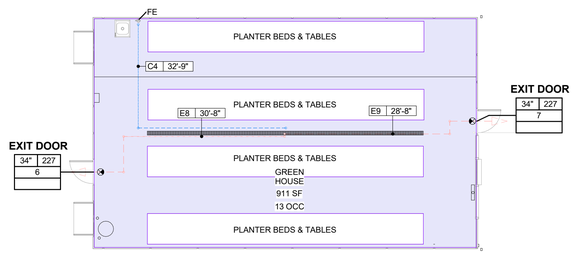
B1 LIFE SAFETY - BASEBALL AND SOFTBALL PB SECOND FLOOR LEVEL (ADD ALT #2)

1/8" = 1'-0"



A1 LIFE SAFETY - BASEBALL AND SOFTBALL PB FIRST FLOOR LEVEL (ADD ALT #2)

1/8" = 1'-0"



A2 LIFE SAFETY- GREEN HOUSE(ADD ALT 5)

1/8" = 1'-0"

LIFE SAFETY- OCCUPANCY- LEVEL 2						
NUMBER	NAME	AREA	AREA FUNCTION (OLF)	AREA PER OCCUPANT	OCCUPANTS _ CALCULATED	PHASE
	PRESSBOX	103 SF	(IBC2018) ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 SF	1	Add Alt 2 - B&S Accessory Structures
		103 SF			1	

EGRESS PATHS- LEVEL 1 - ADD ALT #2	
PATH	DISTANCE
E15	17'-6"
E16	36'-8"

PARTITION GRAPHICS

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

8M1C

- 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

1 HOUR-RATED PARTITION

COLOR LEGEND

NON-RATED PARTITION TO 6" ABOVE CEILING, U.N.O.

NON-RATED PARTITION TO DECK

NON-RATED **CONSTRUCTION TO RESIST THE PASSAGE OF SMOKE** TO DECK

RATED **FIRE BARRIER** TO DECK

TRUE NORTH PROJECT NORTH

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

LS3P

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REVISIONS:

No.	Description	Date

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

LIFE SAFETY PLAN- ADD ALT 2 & 5

G-102

CONSTRUCTION DOCUMENTS

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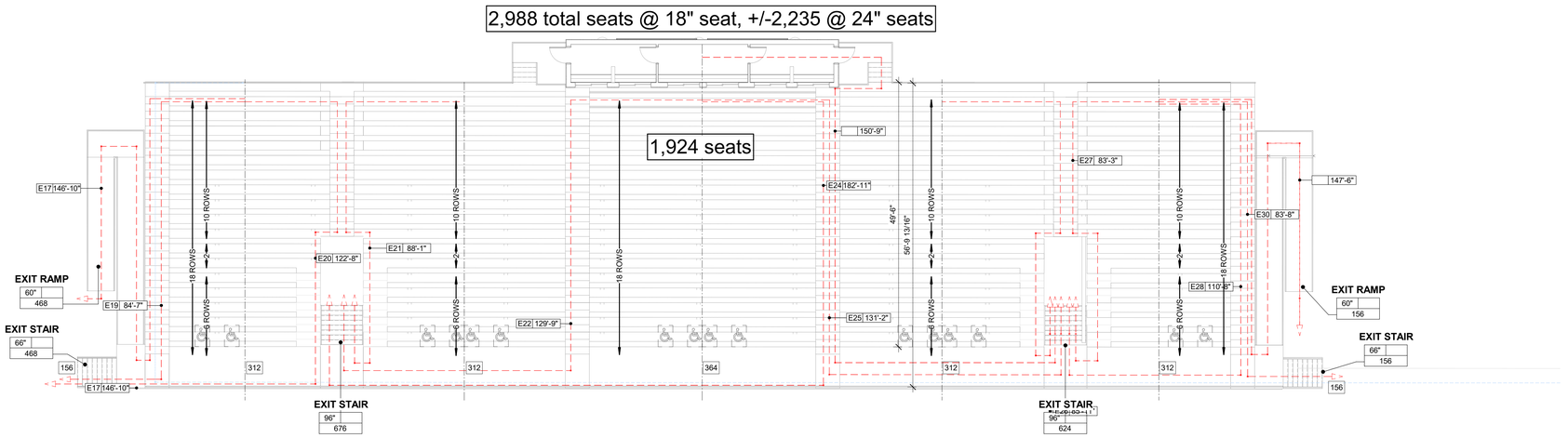
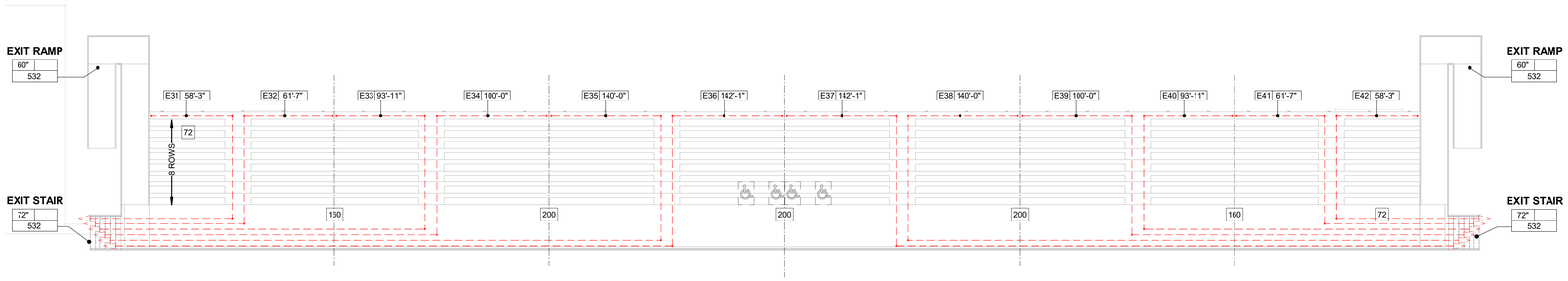


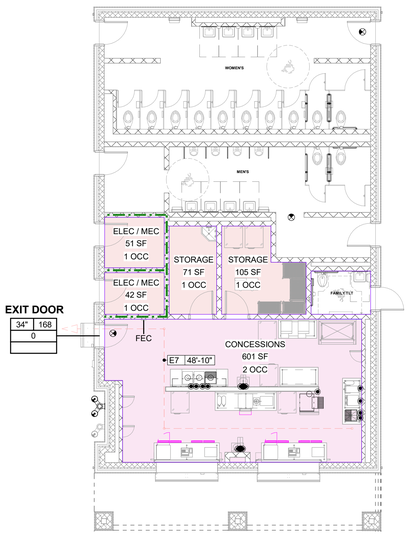
D1 LIFE SAFETY - HOME BLEACHERS PLAN (ADD ALT #6)

3/32" = 1'-0"



C1 LIFE SAFETY - VISITOR BLEACHERS PLAN (ADD ALT #6)

3/32" = 1'-0"



A1 LIFE SAFETY - CONCESSIONS & RESTROOMS (ADD ALT #5)

1/8" = 1'-0"

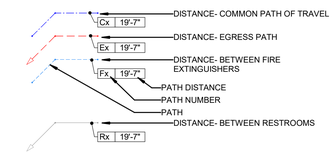
EGRESS PATHS- LEVEL 1 - ADD ALT #6

PATH	DISTANCE
E17	146'-10"
E19	84'-6 1/2"
E20	122'-8 1/2"
E21	88'-1"
E22	129'-9"
E24	182'-11 1/2"
E25	131'-1 1/2"
E26	85'-10 1/2"
E27	83'-3 1/2"
E28	110'-7 1/2"
E30	83'-8"
E31	58'-3"
E32	61'-7 1/2"
E33	93'-11 1/2"
E34	100'-0"
E35	140'-0 1/2"
E36	142'-1 1/2"
E37	142'-1 1/2"
E38	140'-0 1/2"
E39	100'-0"
E40	93'-11 1/2"
E41	61'-7 1/2"
E42	58'-3"

TRUE NORTH PROJECT NORTH

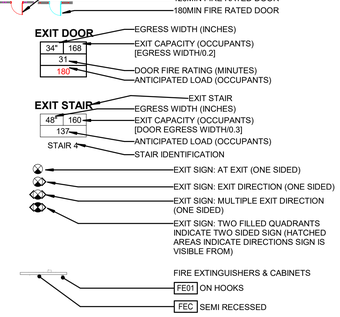
# NUMBER	CODE COMPLIANCE NOTES BY... NOTE

CODE COMPLIANCE LEGEND



BUILDING ELEMENTS

- 20MIN FIRE RATED DOOR
- 45MIN FIRE RATED DOOR
- 60MIN FIRE RATED DOOR
- 90MIN FIRE RATED DOOR
- 120MIN FIRE RATED DOOR
- 180MIN FIRE RATED DOOR



PARTITION GRAPHICS

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



- 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

1 HOUR-RATED PARTITION

COLOR LEGEND

- NON-RATED PARTITION TO 6" ABOVE CEILING, U.N.O.
- NON-RATED PARTITION TO DECK
- NON-RATED **CONSTRUCTION TO RESIST THE PASSAGE OF SMOKE** TO DECK
- RATED **FIRE BARRIER** TO DECK

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

LS3P

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REVISIONS:

No.	Description	Date

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

LIFE SAFETY PLAN- BLEACHERS

G-103

CONSTRUCTION DOCUMENTS

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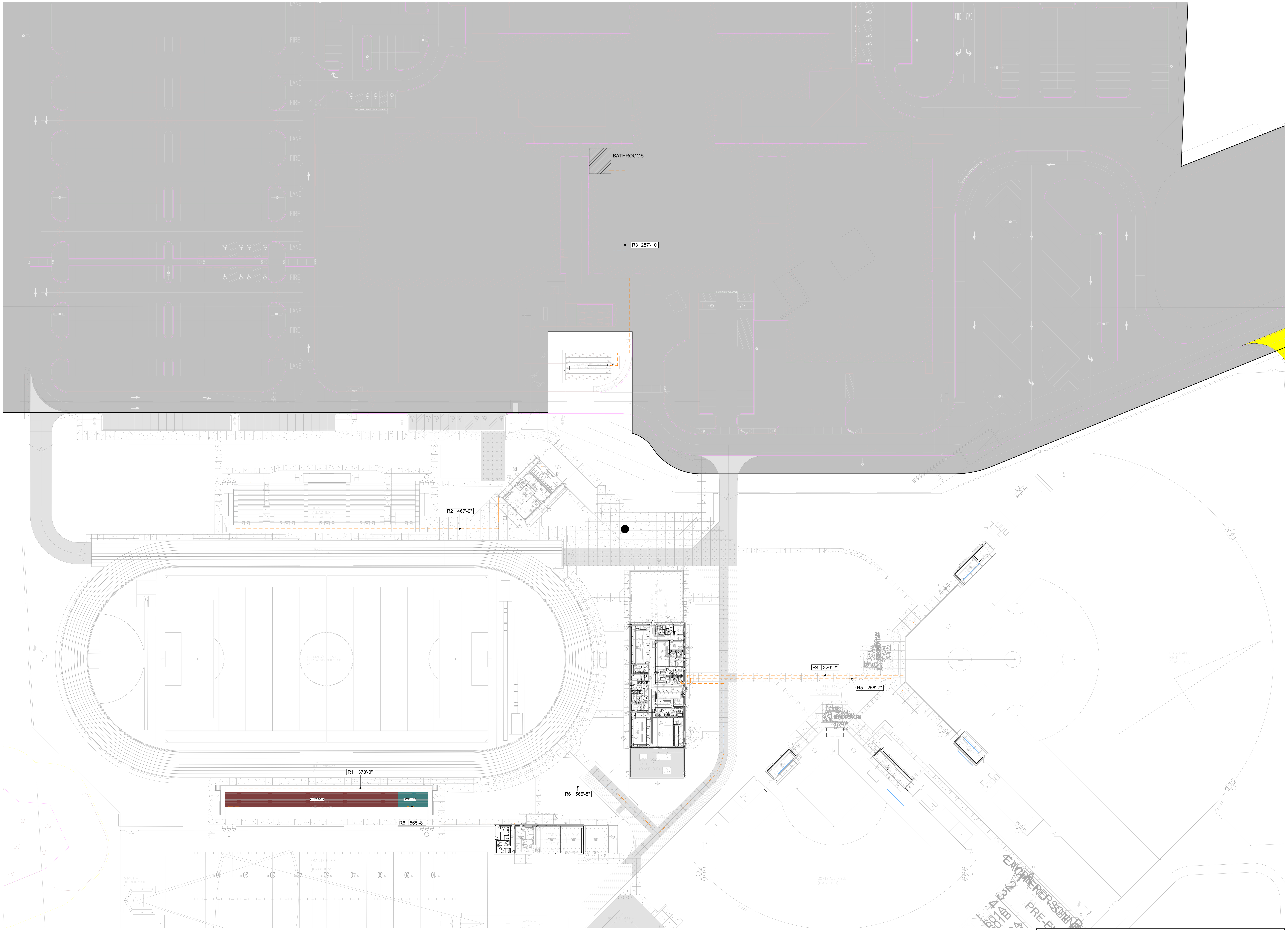

A1 **OVERALL SITE PLAN - PHASE 2**

1" = 40'-0"

Autodesk Docs://1201-217190 Hampton County HS/Athletic Fieldhouse_Hampton County HS_v2022.rvt
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RESTROOM TRAVEL DISTANCE SCHEDULE	
PATH	DISTANCE
R1	378'-0"
R2	467'-0"
R3	287'-10"
R4	320'-2"
R5	256'-7 1/2"
R6	565'-8 1/2"

HAMPTON COUNTY HIGH SCHOOL - PHASE 2

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REVISIONS:

No.	Description	Date

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

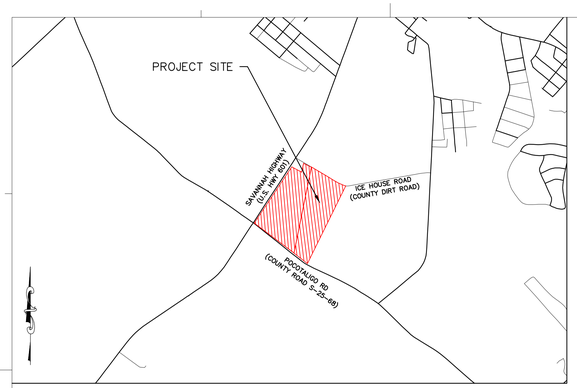
RESTROOM TRAVEL DISTANCE DIAGRAM

G-104

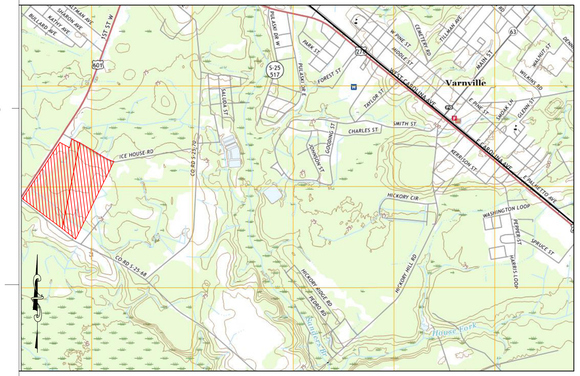
CONSTRUCTION DOCUMENTS

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'

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 NOT BEEN SURVEYED IN THE EXISTING GRADES SHOWN ON THIS PLAN SET, AS OF 11/5/25. THE STOCKPILE WILL BE SURVEYED AND ADDED TO THE PLANS, WHEN AVAILABLE. ASSUME MATERIAL IN THE STOCKPILE MAY BE USED IN FIELD AREAS, BUT NOT IN STRUCTURAL AREAS.

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

CIVIL ABBREVIATIONS

BM	BENCHMARK
BMP	EROSION CONTROL BEST MANAGEMENT PRACTICES
BTTM	BOTTOM
BW	BOTH WAYS
CB	CATCH BASIN
CGP	NPDES CONSTRUCTION GENERAL PERMIT SCR 000000
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

DEVELOPMENT DATA

PROJECT NAME	HAMPTON COUNTY HIGH SCHOOL - PHASE 2
DEVELOPMENT DESCRIPTION	THE PROJECT INCLUDES: CONSTRUCTION OF NEW ATHLETIC FACILITIES FOR THE NEW HAMPTION 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	
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	
C101	EXISTING SITE & DEMOLITION PLAN - AREA 1	10/31/2025	
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 - AERA 1	10/31/2025	
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	
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	
C301	BASE BID GRADING PLAN - AREA 1	10/31/2025	
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	
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	
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	
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	
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	

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 10/31/25

MEMBERS OF THE AMERICAN INSTITUTE OF ARCHITECTS

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REVISIONS:

No.	Description	Date

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

CIVIL NOTES AND ABBREVIATIONS

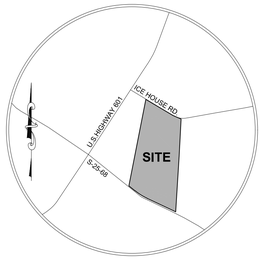
C001

CONSTRUCTION DOCUMENTS

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

NOTES

1. THE SURVEYED PROPERTIES DELINEATED HEREON ARE LOCATED IN HAMPTON COUNTY, SOUTH CAROLINA AS TMS #102-00-00-022.
2. THE SURVEYED PROPERTY IS CURRENTLY IN THE NAME OF ROBERT E. CROSBY RECORDED IN DEED BOOK 397, PAGE 66 IN THE ROD OFFICE OF HAMPTON COUNTY, SOUTH CAROLINA.
3. BOUNDARY INFORMATION AS SHOWN HEREON IS BASED ON A FIELD SURVEY PERFORMED BY BOWMAN CONSULTING GROUP, LTD. ON MAY-JUNE, 2024, SURVEY REPRESENTS A SURVEY OF OCCUPATION USING EVIDENCE FOUND AND REFERENCES SHOWN.
4. UNDERGROUND UTILITY INFORMATION SHOWN IS BASED ON FIELD EVIDENCE AS IDENTIFIED BY LOWCOUNTRY LOCATION LLC AND FIELD SURVEY BY BOWMAN CONSULTING GROUP ON MAY-JUNE, 2024. CONSIDERABLE EFFORT HAS BEEN MADE TO DETERMINE THE LOCATION OF UNDERGROUND UTILITIES, SOME LOCATIONS ARE ACTUAL FIELD MEASUREMENTS AND SOME ARE TAKEN FROM UTILITY RECORDS. THIS PLAN DOES NOT WARRANT THAT UTILITIES ARE SHOWN ACCURATELY NOR THAT ALL UTILITIES ARE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES PRIOR TO BEGINNING DIGGING OPERATIONS. ANY UTILITIES DAMAGED OR DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. ADDITIONALLY, THE CONTRACTOR SHALL CONFIRM THE CONNECTION POINTS OF NEW UTILITIES TO EXISTING UTILITIES PRIOR TO BEGINNING NEW CONSTRUCTION.
5. THE SURVEYED PROPERTY SHOWN HEREON APPEARS TO LIE WITHIN ZONE X, AS SHOWN ON FEMA FLOOD INSURANCE RATE MAP(S) FOR HAMPTON COUNTY, SOUTH CAROLINA, COMMUNITY PANEL NUMBER(S) 45049C0226C, 45049C0228C, EFFECTIVE DATE(S) SEPTEMBER 29, 2010.
6. THERE ARE NO VISIBLE ENCROACHMENTS ON ADJOINING PREMISES, STREETS OR EASEMENTS, BY VISIBLE BUILDINGS, STRUCTURES OR OTHER IMPROVEMENTS, NOR VISIBLE ENCROACHMENTS ON SAID PROPERTY BY VISIBLE STRUCTURES OR OTHER IMPROVEMENTS SITUATED ON ADJOINING PREMISES EXCEPT AS SHOWN.
7. THE PROPERTY AS SHOWN HEREON IS SUBJECT TO ALL COVENANTS AND RESTRICTIONS OF RECORD AND THOSE RECORDED HEREWITH. BOWMAN CONSULTING GROUP, LTD. HAS NOT BEEN PROVIDED A TITLE REPORT AND THEREFORE THIS PLAT DOES NOT NECESSARILY INDICATE THE EXISTENCE OF ANY COVENANTS AND RESTRICTIONS ON THE PROPERTY.
8. WETLANDS AREAS SHOWN HEREON ARE BASED ON FIELD LOCATED WETLANDS FLAGS PLACED BY NEWKIRK ENVIRONMENTAL INC., AND FIELD LOCATED BY BOWMAN CONSULTING GROUP, LTD. ON MAY 30, 2024.
9. 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".
10. VERTICAL DATUM IS BASED ON NAVD88. CONTOUR INTERVALS ARE 1 FOOT.



VICINITY MAP
SCALE: 1" = 2000'

CURVE TABLE						
CURVE	RADIUS	LENGTH	BEARING	CHORD	DELTA	TANGENT
C1	1914.11'	452.28'	N 57°48'33" W	451.22'	13°32'17"	227.20'

REFERENCES

1. PLAT PREPARED BY WYMAN L. MANER
   RECORDED JUNE 20, 2013
   PLAT CABINET A, SLIDE 150, PAGE 4

250 125 0 250 500
GRAPHIC SCALE
1" = 250'

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.

N. DEEDEE FRASURE
SOUTH CAROLINA PROFESSIONAL LAND SURVEYOR
LICENSE NO. 26955

SOUTH CAROLINA BOWMAN CONSULTING GROUP LTD NO. 4523 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 26955 6/27/24 N. DEEDEE FRASURE LAND SURVEYOR

TOPOGRAPHIC SURVEY ON
TMS #102-00-00-022
PROPERTY OWNED BY
ROBERT E. CROSBY
HAMPTON COUNTY, SOUTH CAROLINA
PREPARED FOR
HAMPTON COUNTY SCHOOL DISTRICT

SCALE: 1" = 250' DATE: JUNE 18, 2024

REVISION

Bowman
Bowman Consulting Group Ltd
880 Island Park Drive, Suite 400
Charleston, SC 29492
Phone: (843) 501-0333
www.bowman.com

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DWG: V:\031279-ONHS Cook Rd Site, Orangeburg County, SC\031279-02-003 (SUR) - Hampton County HS PKG\Survey\Topo Boundary\031279-02-003 PKG Boundary-Topo			BY: JA	CHK: NDF QC:
BCG PROJECT NO: 031279-02-003	TASK: 0001	SURVEY DATE: MAY-JUNE, 2024		SHEET 1 OF 13

TMS #102-00-00-021
N/F RUSSELL C. MIXON

TMS #102-00-00-019
HAMPTON COUNTY
SCHOOL DISTRICT

TMS #120-00-00-001
N/F MICHAEL I. &
VERONICA J. THOMAS

HIGHWAY S-25-68
(PLAT CABINET A, SLIDE 208, PAGE 1)
80' RIGHT OF WAY

#18449003

#18449005

IE:77.37

IE:77.31

IE:76.80

IE:76.91

IE: BURIED

5/8" IRF

IE:77.11

IE:74.90

IE:74.60

IE:71.94

IE:72.39

N 11°05'36" E 2873.16' (TOTAL)

REMAINS OF OLD 4' BARBED WIRE FENCE

4' BARBED WIRE FENCE

#5 IRF

BENCHMARK
EL=77.59
REBAR & CAP

JURISDICTIONAL LINEAR
FEATURE A (0.3) A.C.

NON-AQUATIC
RESOURCE

N 45°49'00" W 280.14'

15" RCP

24" CMP

GRAVEL

DRIVE

TMS #102-00-00-022
ROBERT E. CROSBY
UPLANDS 4,233,532 SF / 97.20 AC
WETLANDS 4,208 SF / 0.09 AC
TOTAL 4,237,740 SF / 97.29 AC

MATCHLINE - SHEET 2
MATCHLINE - SHEET 9

MATCHLINE - SHEET 2
MATCHLINE - SHEET 8

MATCHLINE - SHEET 2
MATCHLINE - SHEET 3

LEGEND

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- EDGE OF PAVEMENT
- PROPERTY LINE
- ADJOINER PROPERTY LINE (NOT SURVEYED)
- FENCE LINE
- SWALE / DITCH LINE
- STORM SEWER
- UNDERGROUND WATER LINE
- UNDERGROUND COMMUNICATION SERVICE
- OVERHEAD ELECTRIC
- TREE LINE
- BUILDING
- WETLANDS
- IRF — IRON REBAR FOUND (SIZE NOTED)
- IPF — IRON PIPE FOUND (SIZE NOTED)
- CMF — CONCRETE MONUMENT FOUND
- WF- — FIELD LOCATED WETLAND FLAG
- BENCHMARK
- BOLLARD / POST
- MAILBOX
- MISCELLANEOUS ITEM
- SIGN
- HVAC UNIT
- TELEPHONE PEDESTAL
- POWER / UTILITY POLE
- GUY ANCHOR WIRE
- ELECTRIC BOX
- ELECTRIC METER
- STREET LIGHT / LAMP
- DRAIN INLET (DI)
- STORM DRAIN MANHOLE (SDMH)
- SANITARY SEWER MANHOLE (SMH)
- WATER VALVE
- WATER METER
- FIRE HYDRANT
- MARKER WITNESS POST
- TREE SIZE & TYPE

SC GRID NAD 83 (2011)

CURVE TABLE						
CURVE	RADIUS	LENGTH	BEARING	CHORD	DELTA	TANGENT
C1	1914.11'	452.28'	N 57°48'33" W	451.22'	13°32'17"	227.20'

GRAPHIC SCALE
1" = 30'

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N. DEEDEE FRASURE
SOUTH CAROLINA PROFESSIONAL LAND SURVEYOR
LICENSE NO. 26955

BOWMAN CONSULTING GROUP LTD
NO. 4523
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL
No. 26955
6/27/24
LAND SURVEYOR
N. DEEDEE FRASURE

TOPOGRAPHIC SURVEY ON
TMS #102-00-00-022
PROPERTY OWNED BY
ROBERT E. CROSBY
HAMPTON COUNTY, SOUTH CAROLINA
PREPARED FOR
HAMPTON COUNTY SCHOOL DISTRICT

SCALE: 1" = 30'

DATE: JUNE 18, 2024

REVISION

Bowman
Bowman Consulting Group Ltd
880 Island Park Drive, Suite 400
Charleston, SC 29492
Phone: (843) 501-0333
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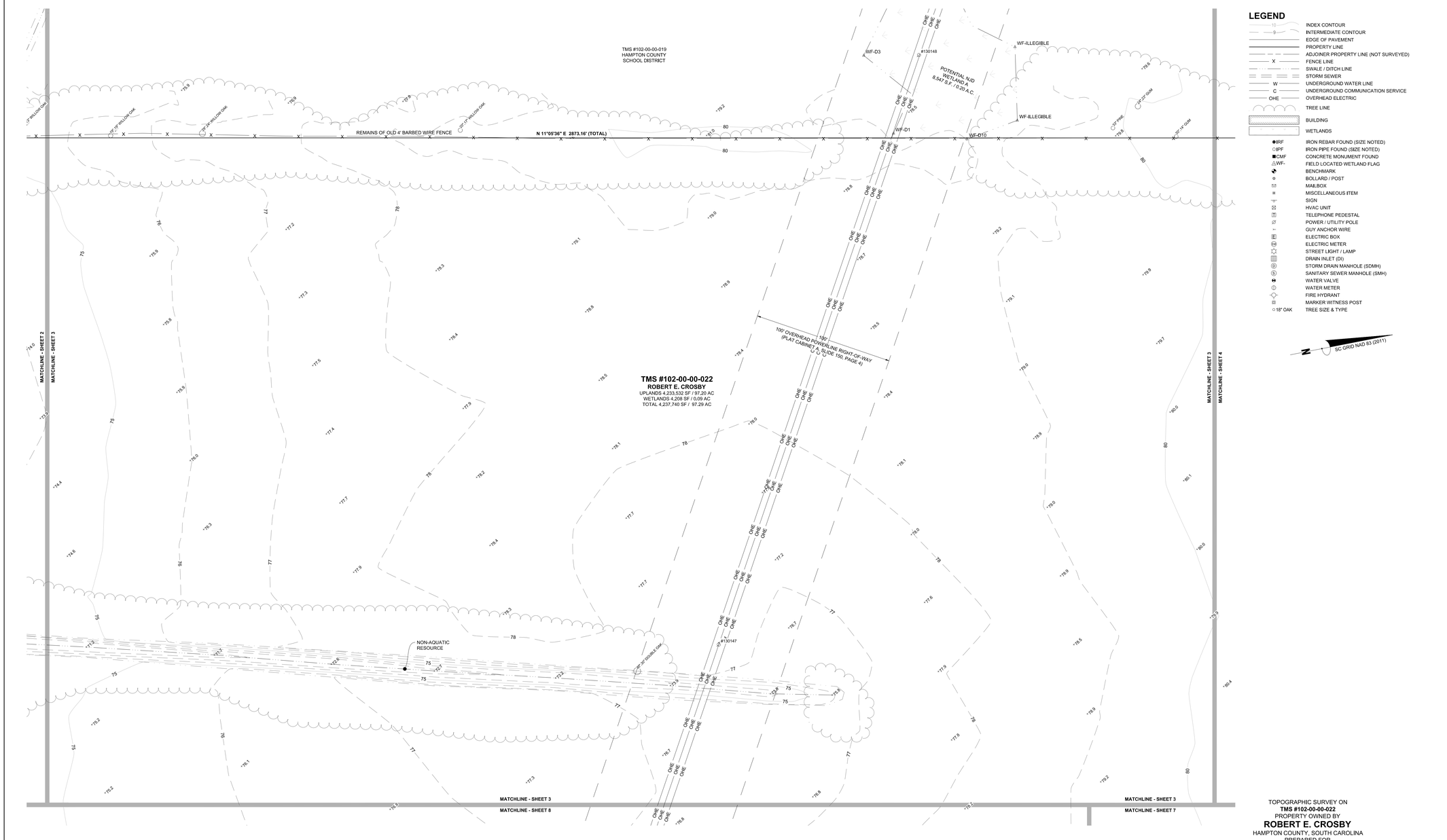
DWG: Y:\031279 - 2MHD Cook Rd Site, Orangeburg County, SC\031279-02-003 (SUR) - Hampton County HS PKD\Survey\Topo Boundary\031279-02-003 PKD Boundary-Topo | BY: JA | CHK: NDF | QC:

BCG PROJECT NO: 031279-02-003 | TASK: 0001 | SURVEY DATE: MAY-JUNE, 2024 | SHEET 2 OF 13



LEGEND

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- EDGE OF PAVEMENT
- PROPERTY LINE
- ADJOINER PROPERTY LINE (NOT SURVEYED)
- FENCE LINE
- SWALE / DITCH LINE
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- UNDERGROUND COMMUNICATION SERVICE
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- MARKER WITNESS POST
- 18" OAK — TREE SIZE & TYPE

N — SC GRID NAD 83 (2011)

GRAPHIC SCALE
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SOUTH CAROLINA — BOWMAN CONSULTING GROUP, LTD — No. 4523 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 26955 — 6/27/24 — N. DEEDEE FRASURE — LAND SURVEYOR

TOPOGRAPHIC SURVEY ON
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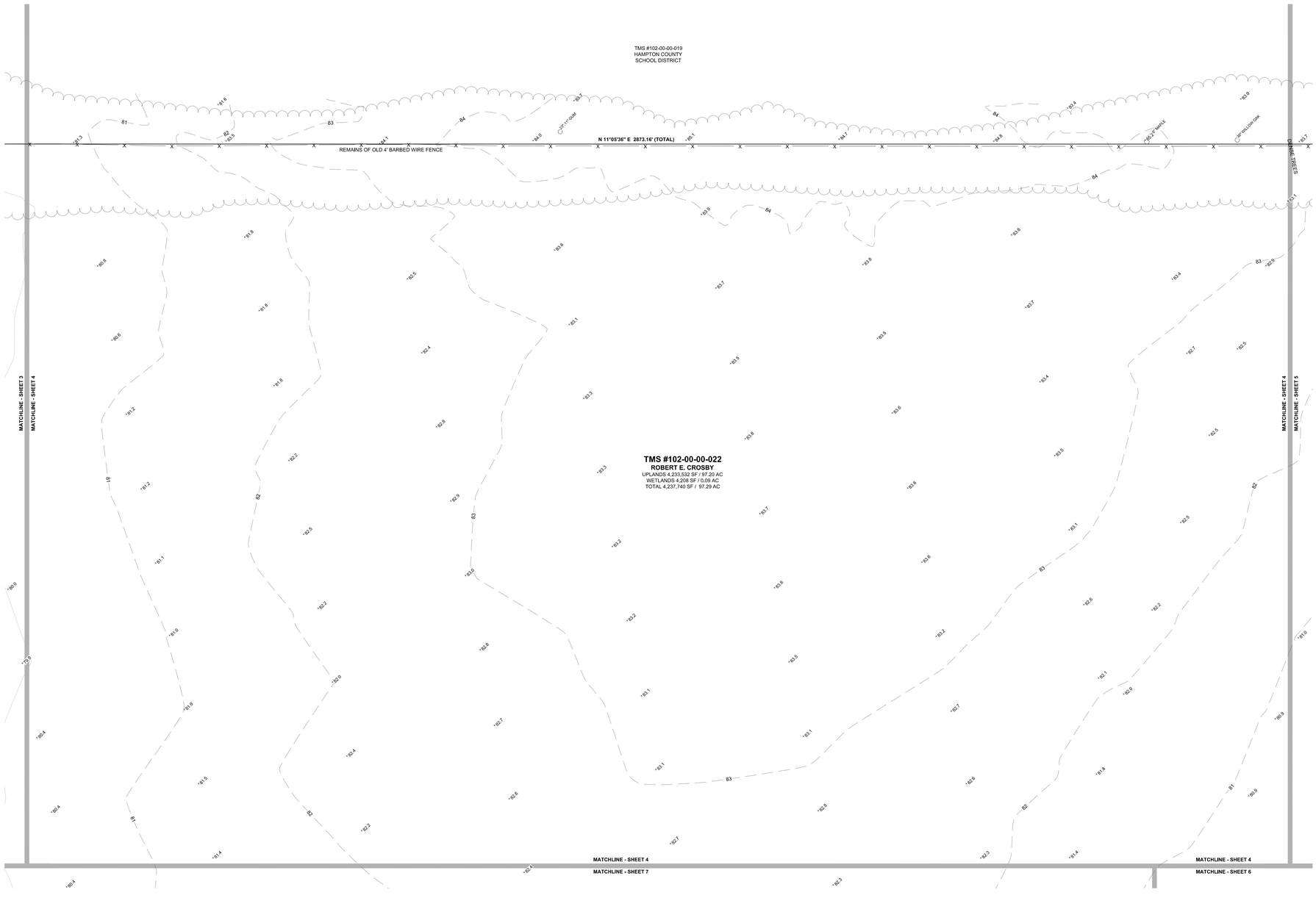
DWG: I:\031279-ORHS Cook Rd Site, Orangeburg County, SC\031279-02-003 SURV - Hampton County HS PKG\Survey\Topo\Boundary\031279-02-003 PKG Boundary-Topo	BY: JA	CHK: NDF	QC:	
BCG PROJECT NO: 031279-02-003	TASK: 0001	SURVEY DATE: MAY-JUNE, 2024		SHEET 3 OF 13



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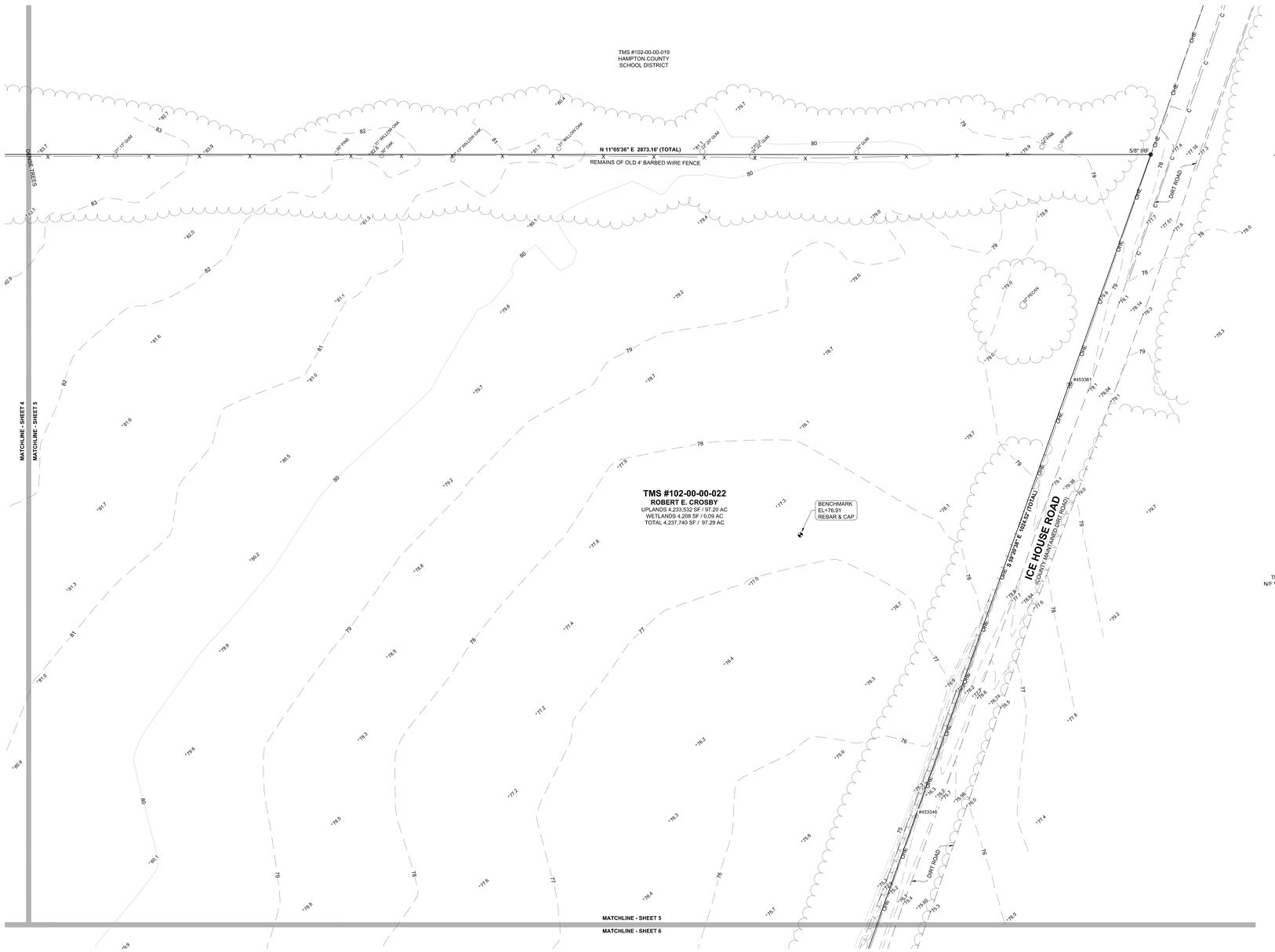
BCG PROJECT NO: 031279-02-003 | TASK: 0001 | SURVEY DATE: MAY-JUNE, 2024 | SHEET 4 OF 13



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6/27/24

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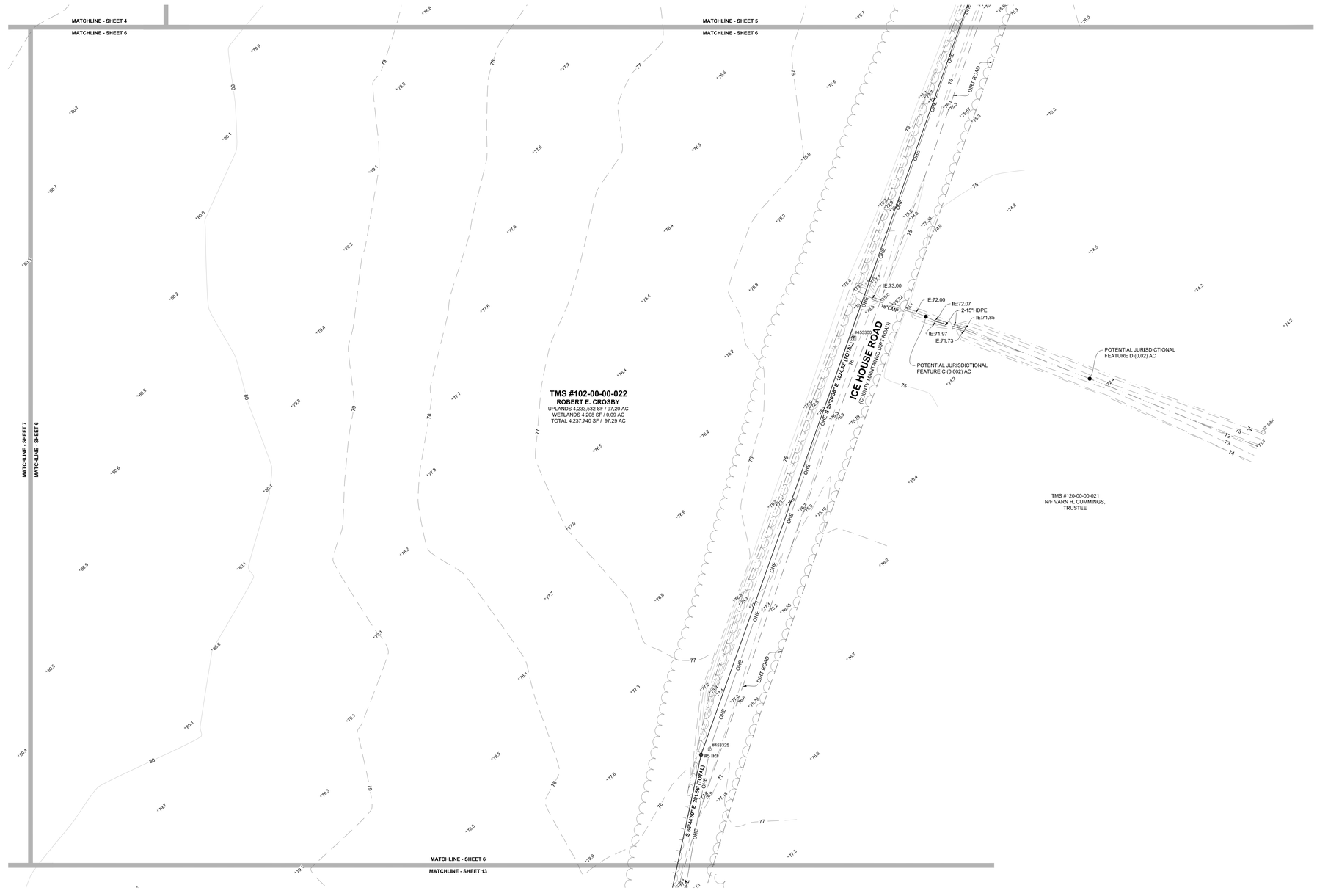
BCG PROJECT NO: 031279-02-003 | TASK: 0001 | SURVEY DATE: MAY-JUNE, 2024 | SHEET 5 OF 13



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SOUTH CAROLINA — PROFESSIONAL LAND SURVEYOR — No. 26955 — N. DEEDEE FRASURE — 6/27/24

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SCALE: 1" = 30' DATE: JUNE 18, 2024

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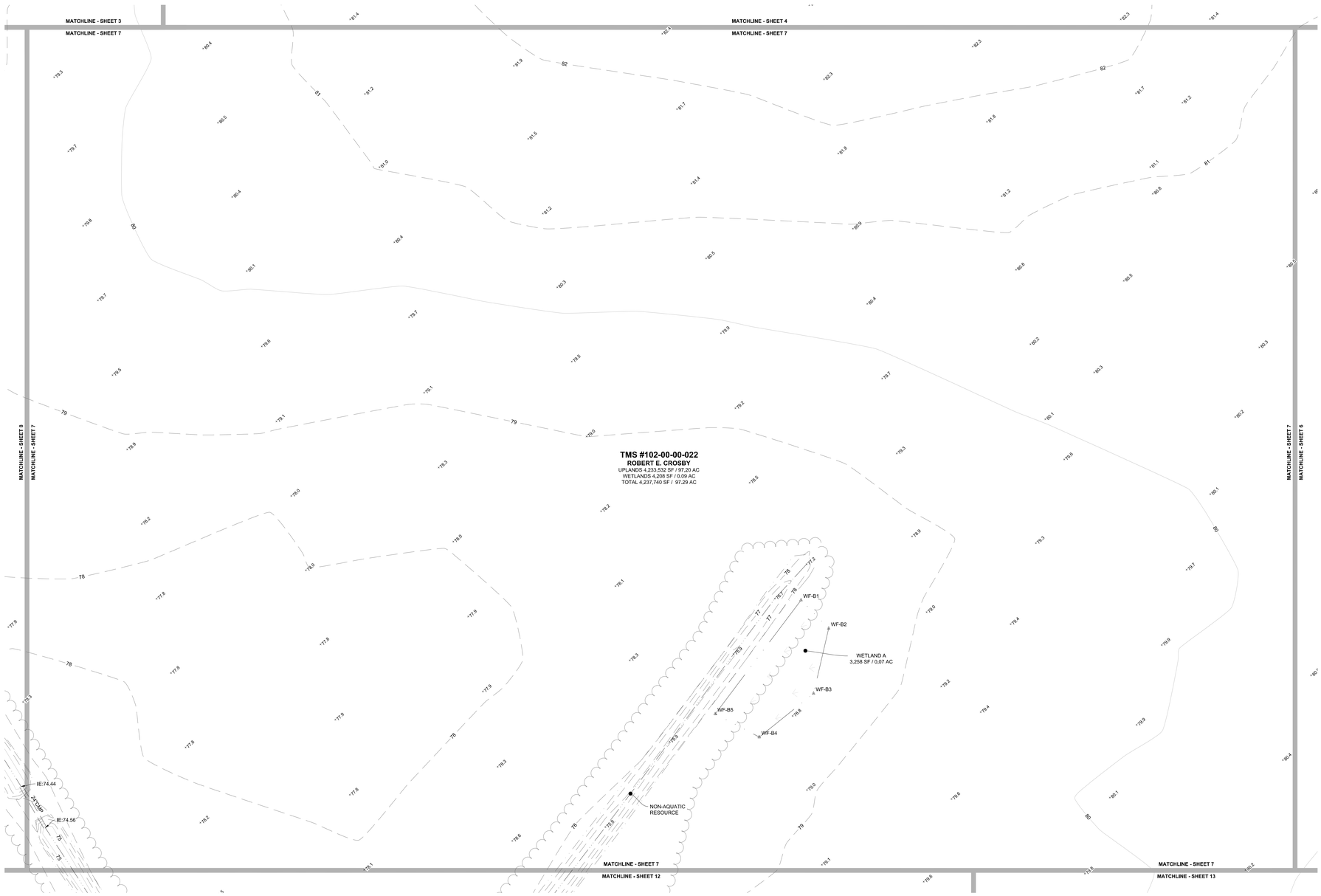
BCG PROJECT NO: 0312792-02-003	TASK: 0001	SURVEY DATE: MAY-JUNE, 2024		SHEET 6 OF 13



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DWG: Y:\01279 - Chilrds Cove Rd Site, Orangeburg County, SC\031279-02-003 (SUR) - Hampton County HS PH2\Survey\Topo Boundary\031279-02-003 PHC Boundary-Topo	BY: JA	CHK: NDF	QC:	
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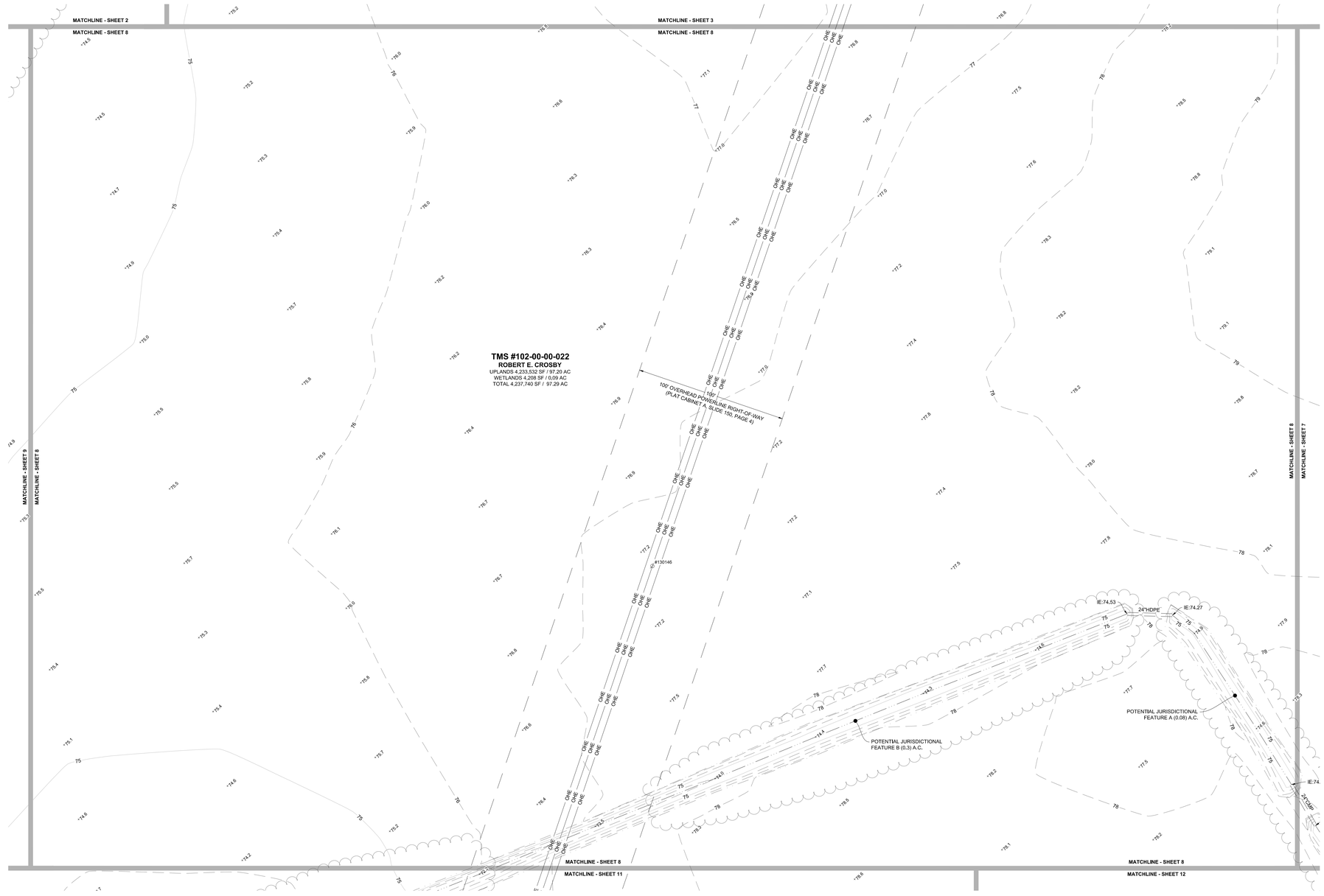

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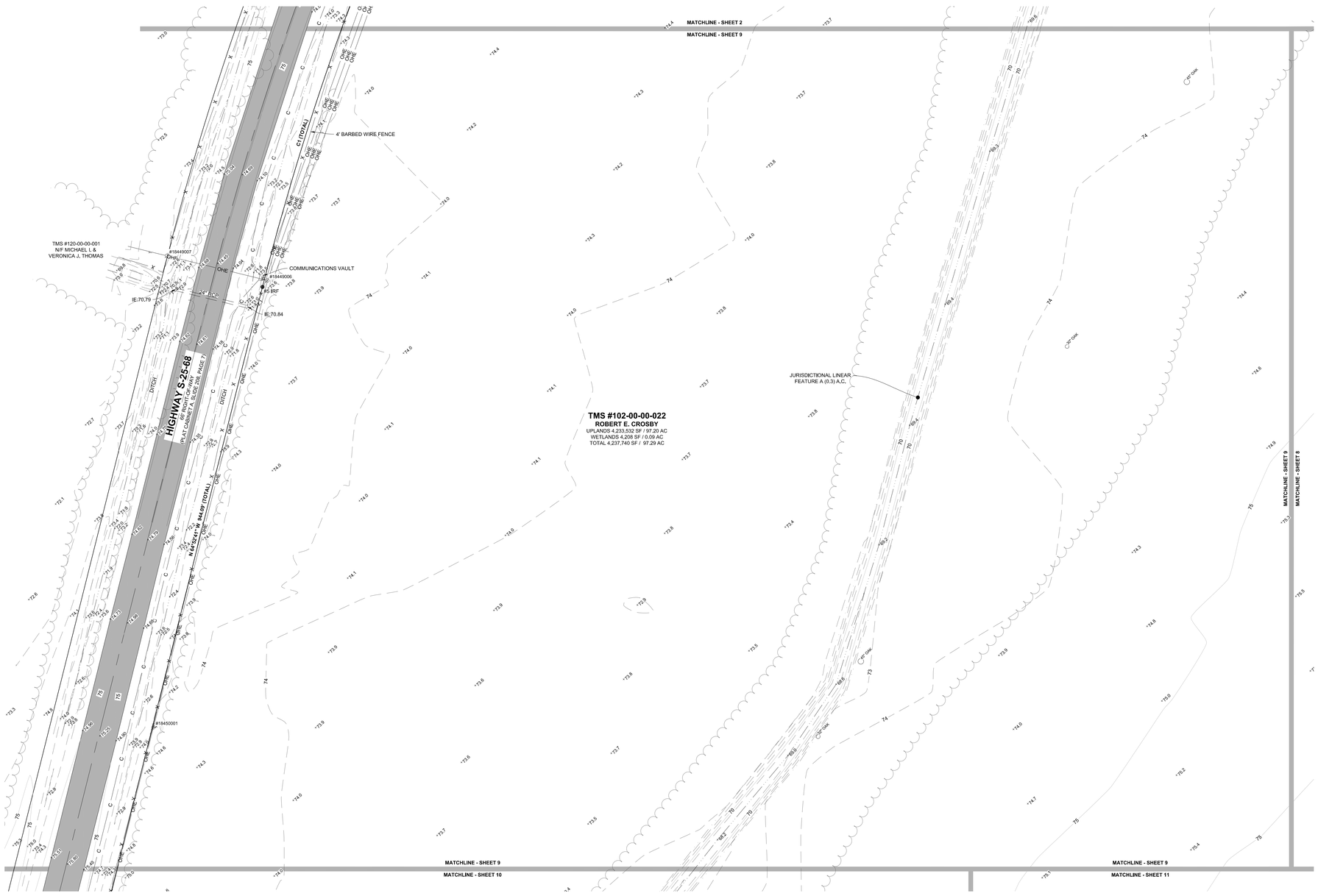

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DWG: I:\031279-2\Mkt\Cons Hd Sta, Dangerberg Courts, SC\031279-02\4D\SUR - Hampton County HS\PKG\Survey\Topo Boundary\031279-02-4D PKG Boundary-Topo | BY: JA | CHK: NDF | QC:

BCG PROJECT NO: 031279-02-003 | TASK: 0001 | SURVEY DATE: MAY-JUNE, 2024 | SHEET 9 OF 13

MATCHLINE - SHEET 9

MATCHLINE - SHEET 10

MATCHLINE - SHEET 10

MATCHLINE - SHEET 11

TMS #120-00-00-001
N/F MICHAEL L &
VERONICA J. THOMAS

HIGHWAY S-25-68
(80' RIGHT-OF-WAY
PLAT CABINET A, SLIDE 268, WIDE)

4' BARBED WIRE FENCE

N 14°02'47" W 844.59' (TOTAL)

JURISDICTIONAL LINEAR
FEATURE A (0.3) A.C.

TMS #102-00-00-022
ROBERT E. CROSBY
UPLANDS 4,233,532 SF / 97.20 AC
WETLANDS 4,208 SF / 0.09 AC
TOTAL 4,237,740 SF / 97.29 AC

POTENTIAL JURISDICTIONAL
FEATURE B (0.3) A.C.

DOWNED BARBED WIRE FENCE

4' BARBED WIRE FENCE

TMS #120-00-00-022
N/F ROBERT E. CROSBY

IE:71.57

IE:71.39

N 16°03'02" W 844.40'

BENCHMARK
EL=72.13
REBAR & CAP

IE:71.01

IRS
IE:70.81

COMMUNICATIONS VAULT
& MARKER POST
#18458001

REMAINS OF 4'
OLD WIRE FENCE

JURISDICTIONAL LINEAR
FEATURE B (0.009) A.C.
(NOT WITHIN PROPERTY)

IE:65.62

IE:65.40

24"HDPE

WETLANDS

WF-C1

WF-C2

WF-C3

WETLAND C
(0.04) A.C.
(NOT WITHIN
PROPERTY)

S 03°30'46" W 1826.29' (TOTAL)

REMAINS OF OLD WIRE FENCE
ON GROUND

TMS #120-00-00-004
N/F SUSAN P. & JOHN J.
HOWARD

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- WATER VALVE
- WATER METER
- FIRE HYDRANT
- MARKER WITNESS POST
- 18" OAK — TREE SIZE & TYPE

N — SC GRID NAD 83 (2011)

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.

N. DEEDEE FRASURE
SOUTH CAROLINA PROFESSIONAL LAND SURVEYOR
LICENSE NO. 26955

SOUTH CAROLINA — BOWMAN CONSULTING GROUP LTD NO. 4523 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 26955 — LAND SURVEYOR — N. DEE DEE FRASURE — 6/27/24

TOPOGRAPHIC SURVEY ON
TMS #102-00-00-022
PROPERTY OWNED BY
ROBERT E. CROSBY
HAMPTON COUNTY, SOUTH CAROLINA
PREPARED FOR
HAMPTON COUNTY SCHOOL DISTRICT

SCALE: 1" = 30'

DATE: JUNE 18, 2024

REVISION

Bowman
Bowman Consulting Group Ltd
880 Island Park Drive, Suite 400
Charleston, SC 29492
Phone: (843) 501-0333
www.bowman.com

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DWG: Y:\031279-2\Wrk\ Cook Rd Site, Orangeburg County, SC\031279-02-003 (SUR) - Hampton County HS PKG\Survey\Topo Boundary\031279-02-003 PHC Boundary-Topo			BY: JA	CHK: NDF	QC:
BCG PROJECT NO: 031279-02-003	TASK: 0001	SURVEY DATE: MAY-JUNE, 2024		SHEET	10 OF 13

MATCHLINE - SHEET 9

MATCHLINE - SHEET 11

MATCHLINE - SHEET 8

MATCHLINE - SHEET 11

MATCHLINE - SHEET 10

MATCHLINE - SHEET 11

MATCHLINE - SHEET 11

MATCHLINE - SHEET 12

POTENTIAL JURISDICTIONAL FEATURE B (0,3) A.C.

NON-AQUATIC RESOURCE

100' OVERHEAD POWERLINE RIGHT-OF-WAY (PLAT CABINET A, SLIDE 150, PAGE 4)

TMS #102-00-00-022
ROBERT E. CROSBY
UPLANDS 4,233,532 SF / 97.20 AC
WETLANDS 4,208 SF / 0.09 AC
TOTAL 4,237,740 SF / 97.29 AC

#130145

S 03°30'40" W 1826.29' (TOTAL)

REMAINS OF OLD WIRE FENCE ON GROUND

TMS #120-00-00-004
N/F SUSAN P. & JOHN J. HOWARD

LEGEND

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- EDGE OF PAVEMENT
- PROPERTY LINE
- ADJOINER PROPERTY LINE (NOT SURVEYED)
- FENCE LINE
- SWALE / DITCH LINE
- STORM SEWER
- UNDERGROUND WATER LINE
- UNDERGROUND COMMUNICATION SERVICE
- OVERHEAD ELECTRIC
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- CMF — CONCRETE MONUMENT FOUND
- WF- — FIELD LOCATED WETLAND FLAG
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- HVAC UNIT
- TELEPHONE PEDESTAL
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30 15 0 30 60
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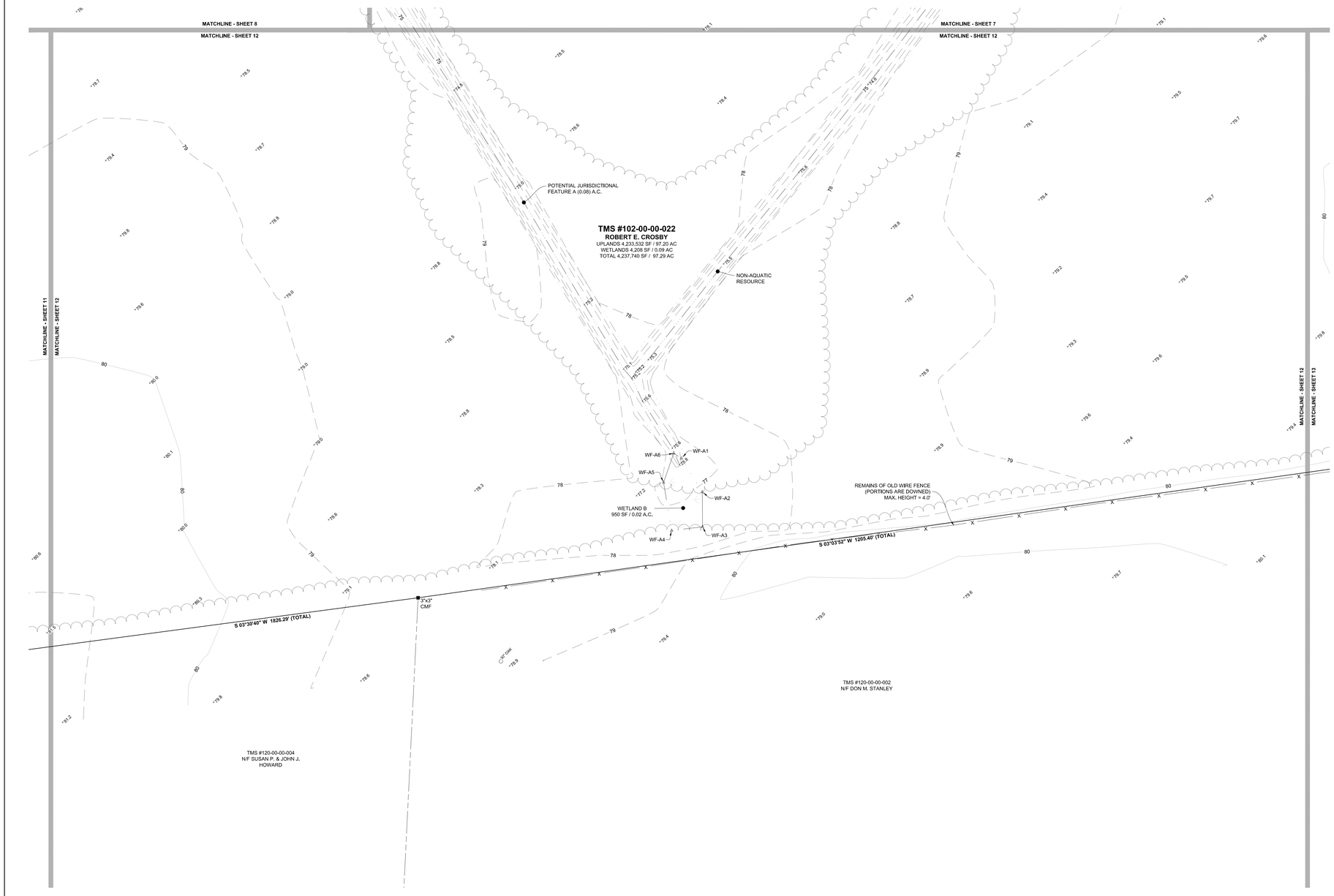
DWG: V:\0312\79 - Cliffield Cook Rd Site, Orangeburg County, SC\0312792-02-003 (SUR) - Hampton County HS PK\2Survey\Topo Boundary\0312792-02-003 PHC Boundary-Topo			BY: JA	CHK: NDF	QC:
BCG PROJECT NO: 0312792-02-003	TASK: 0001	SURVEY DATE: MAY-JUNE, 2024		SHEET	11 OF 13



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SOUTH CAROLINA — PROFESSIONAL — No. 26955 — LAND SURVEYOR — N. DEE DEE FRASURE

6/27/24

TOPOGRAPHIC SURVEY ON
TMS #102-00-00-022
PROPERTY OWNED BY
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PREPARED FOR
HAMPTON COUNTY SCHOOL DISTRICT

SCALE: 1" = 30'

DATE: JUNE 18, 2024

REVISION

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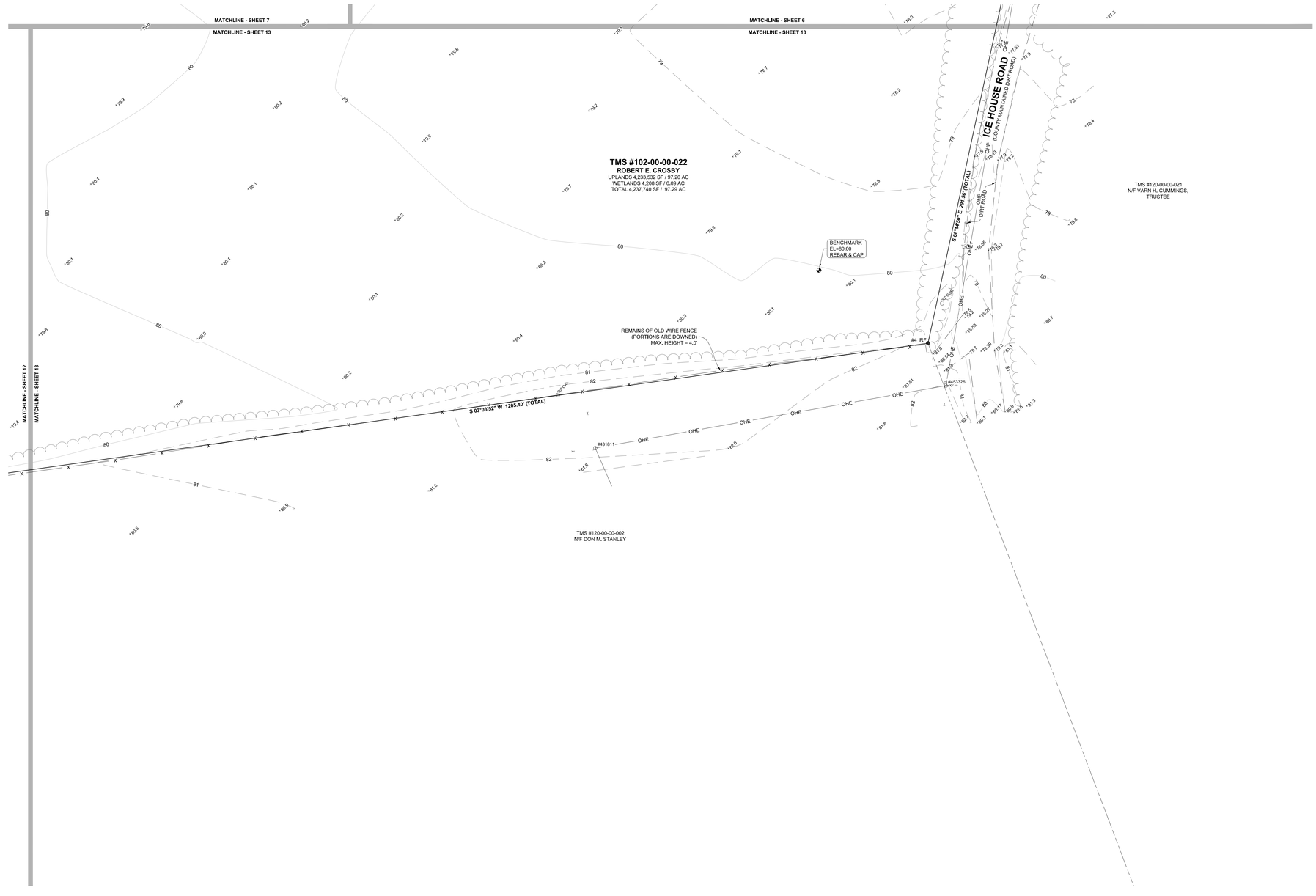
DWG: Y:\031279-ORH\5-Civil\5-02-003 (SUR) - Hampton County HS PH2\Survey\Topo Boundary\031279-02-003 PHC Boundary-Topo	BY: JA	CHK: NDF	QC:	
BCG PROJECT NO: 031279-02-003	TASK: 0001	SURVEY DATE: MAY-JUNE, 2024	SHEET	12 OF 13



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SOUTH CAROLINA — BOWMAN CONSULTING GROUP, LTD — No. 4523 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 26955 — 6/27/24 — N. DEEDEE FRASURE

TOPOGRAPHIC SURVEY ON
TMS #102-00-00-022
PROPERTY OWNED BY
ROBERT E. CROSBY
HAMPTON COUNTY, SOUTH CAROLINA
PREPARED FOR
HAMPTON COUNTY SCHOOL DISTRICT

SCALE: 1" = 30' DATE: JUNE 18, 2024

REVISION

Bowman
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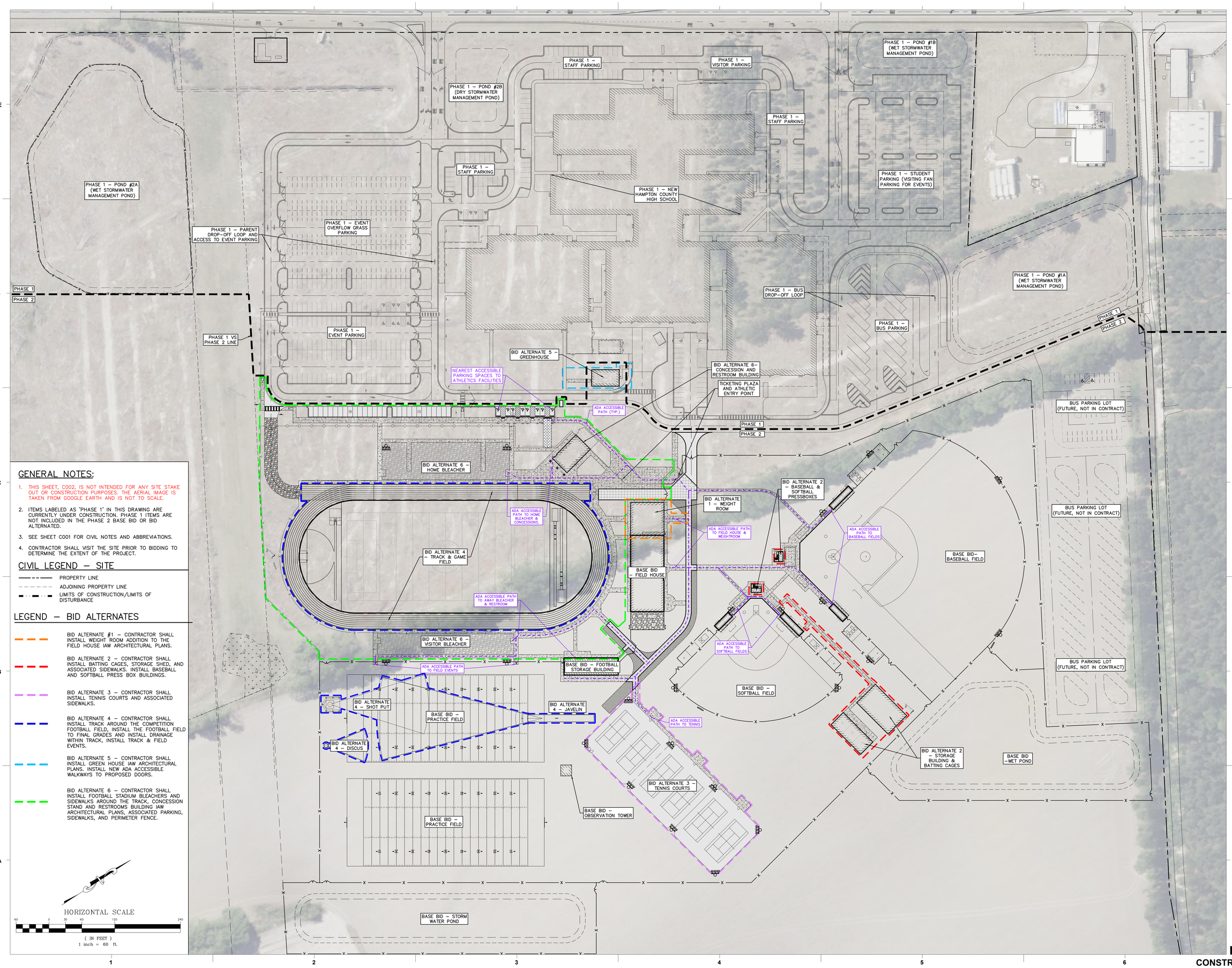
DWG: I:\031279--CWHS Cook Rd Site, Orangeburg County, SC\031279-02\400 SURV - Hampton County HS PKG\Survey\Topo\Boundary\031279-02-400 PHC Boundary-Topo.dwg | BY: JA | CHK: NDF | QC:

BCG PROJECT NO: 031279-02-003 | TASK: 0001 | SURVEY DATE: MAY-JUNE, 2024 | SHEET 13 OF 13



GENERAL NOTES:

1. THIS SHEET, C002, IS NOT INTENDED FOR ANY SITE STAKE OUT OR CONSTRUCTION PURPOSES. THE AERIAL IMAGE IS TAKEN FROM GOOGLE EARTH AND IS NOT TO SCALE.
2. ITEMS LABELED AS 'PHASE 1' IN THIS DRAWING ARE CURRENTLY UNDER CONSTRUCTION. PHASE 1 ITEMS ARE NOT INCLUDED IN THE PHASE 2 BASE BID OR BID ALTERNATED.
3. SEE SHEET C001 FOR CIVIL NOTES AND ABBREVIATIONS.
4. CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE THE EXTENT OF THE PROJECT.

CIVIL LEGEND – SITE

- PROPERTY LINE
- ADJOINING PROPERTY LINE
- 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

60 0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

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

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT
ADC ENGINEERING INC.
No. 00253
RYAN M. WALKER

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT
No. 35165
10/31/25
RYAN M. WALKER

MEMBERS OF THE AMERICAN INSTITUTE OF ARCHITECTS

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REVISIONS:

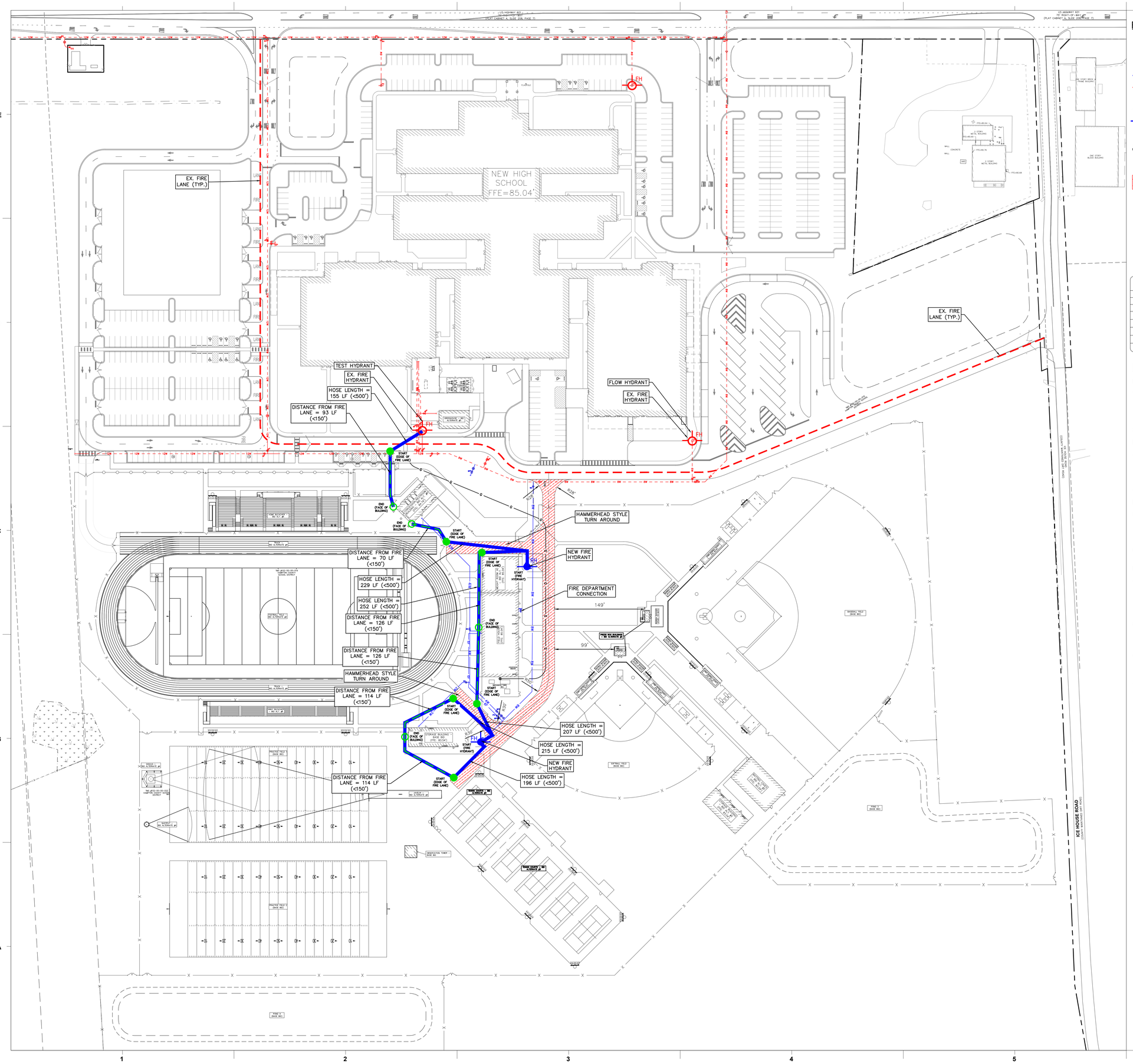
No.	Description	Date

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

AERIAL SITE PLAN OVERVIEW

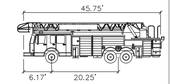
C003

CONSTRUCTION DOCUMENTS



FIRE PROTECTION PLAN LEGEND:

- PROPOSED FIRE HYDRANT
- EXISTING FIRE HYDRANT
- 10W — PROPOSED WATER LINE & SIZE
- 10W — EXISTING WATER LINE & SIZE
- HOSE LINE ROUTE FROM HYDRANT – HOSE LINE DISTANCE FROM A HYDRANT TO ALL POINTS ON THE BUILDING IS LESS THAN 500' IAW IFC, SECTION 507.5.1.
- DISTANCE FROM FIRE APPARATUS ROAD TO MOST REMOTE POINT ON THE BUILDING – SHALL BE LESS THAN 150' PER IFC, SECTION 503.1.1.
- FIRE APPARATUS ACCESS ROAD



FIRE TRUCK AERIAL

	FEET
WIDTH	: 8.00
TRACK	: 8.00
LOCK TO LOCK TIME	: 6.0
STEERING ANGLE	: 40.0

HYDRANT FLOW TEST

DATE	08/19/2025
PERSONNEL	LBH & KHF (LRWS)
TEST HYDRANT	SEE PLAN
FLOW HYDRANT	SEE PLAN
STATIC PRESSURE	66 PSI
RESIDUAL PRESSURE	33 PSI
FLOW RATE	787 GPM
FLOW @ 20 PSI	941 GPM

FIRE PROTECTION PLAN NOTES:

FIELD HOUSE & WEIGHT ROOM BUILDING INFORMATION:

1. CONSTRUCTION TYPE IIB
   TOTAL AREA = 11,892 SF
   1 STORIES ABOVE GRADE
2. THE BUILDING DOES HAVE AN AUTOMATIC SPRINKLER SYSTEM.

HOME CONCESSION & RESTROOM BUILDING INFORMATION:

3. CONSTRUCTION TYPE IIB
   TOTAL AREA = 987 SF
   1 STORIES ABOVE GRADE
4. THE BUILDING DOES NOT HAVE AN AUTOMATIC SPRINKLER SYSTEM.

FOOTBALL STORAGE & VISITOR RESTROOM BUILDING INFORMATION:

5. CONSTRUCTION TYPE IIB
   TOTAL AREA = 3,150 SF
   1 STORIES ABOVE GRADE
6. THE BUILDING DOES NOT HAVE AN AUTOMATIC SPRINKLER SYSTEM.

HYDRANTS:

7. TWO(2) EXISTING AND TWO (2) NEW PUBLIC FIRE HYDRANTS ARE SHOWN ON THIS PLAN IN THE VICINITY OF THE BUILDING.
   HOSE LINE DISTANCE FROM A HYDRANT TO ALL POINTS ON THE BUILDING IS LESS THAN 500' IAW IFC, SECTION 507.5.1.
8. A NEW 12" & 8" LRWS WATER MAIN IS BEING INSTALLED WITH PHASE 1 OF THE PROJECT. PHASE 2 WILL INCLUDE A NEW 8" & 6" WATER MAIN TO SERVE THE PROPOSED HYDRANT & THE NEW FIRE WATER SERVICE TO THE FIELD HOUSE & WEIGHT ROOM BUILDING.
9. AVAILABLE FIRE FLOW:
   SEE ABOVE 'HYDRANT FLOW TEST' DATA
10. REQUIRED FIRE FLOW IAW SCDHEC R61-68
    500 GPM @ 20 PSI
11. HYDRANTS SHALL BE INSTALLED SUCH THAT THE CENTER OF ALL HOSE OUTLETS ARE GREATER THAN 18" ABOVE FINAL GRADE IAW NFPA 24 SECTION 7.3.3

ACCESS:

12. EXISTING AND PROPOSED FIRE APPARATUS ACCESS ROADS ARE SHOWN ON THIS PLAN. ROAD DIMENSIONS ARE IAW IFC, SECTION 503.2.1.
13. FIRE APPARATUS ACCESS ROADS ARE SHOWN AND THE FIREPERSONNEL PATH TO THE MOST REMOTE POINTS ON THE BUILDINGARE SHOWN.
    HOSE LINE DISTANCES FROM A FIRE APPARATUS ACCESS ROAD TO ALL PORTIONS OF THE FACILITY AND ALL PORTIONS OF THE EXTERIOR WALLS OF THE FIRST STORY OF THE BUILDING ARE REQUIRED TO BE LESS THAN 150' IAW IFC, SECTION 503.1.1.
14. FIRE APPARATUS ACCESS ROADS ARE PROPOSED PAVED DRIVES ASSOCIATED WITH THE PROJECT.
15. THERE ARE NO SIGNIFICANT GRADE CHANGES ALONG THE FIRE APPARATUS ACCESS ROADS.
16. THERE ARE TWO HAMMERHEAD STYLE FIRE APPARATUS ACCESS ROAD TURN-AROUNDS IAW IFC, SECTION 503.2.5.

HORIZONTAL SCALE
60 0 30 60 120 240
(IN FEET)
1 inch = 60 ft.

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 00253 ADC ENGINEERING, INC. 10/31/25 KYLE H. FORD

SOUTH CAROLINA PROFESSIONAL ENGINEER SEAL No. 35165 REGISTERED 10/31/25 LEIGH B. WALKER HARDWICK

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REVISIONS:

No.	Description	Date

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

FIRE PROTECTION SITE PLAN

C004

CONSTRUCTION DOCUMENTS

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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.
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.

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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SOUTH CAROLINA PROFESSIONAL ENGINEER ADC ENGINEERING INC. No. 00253

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 35165 10/31/25 PAUL WALKER HARDIN

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REVISIONS:

No.	Description	Date

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

EXISTING SITE & DEMOLITION PLAN - OVERALL

C100

CONSTRUCTION DOCUMENTS

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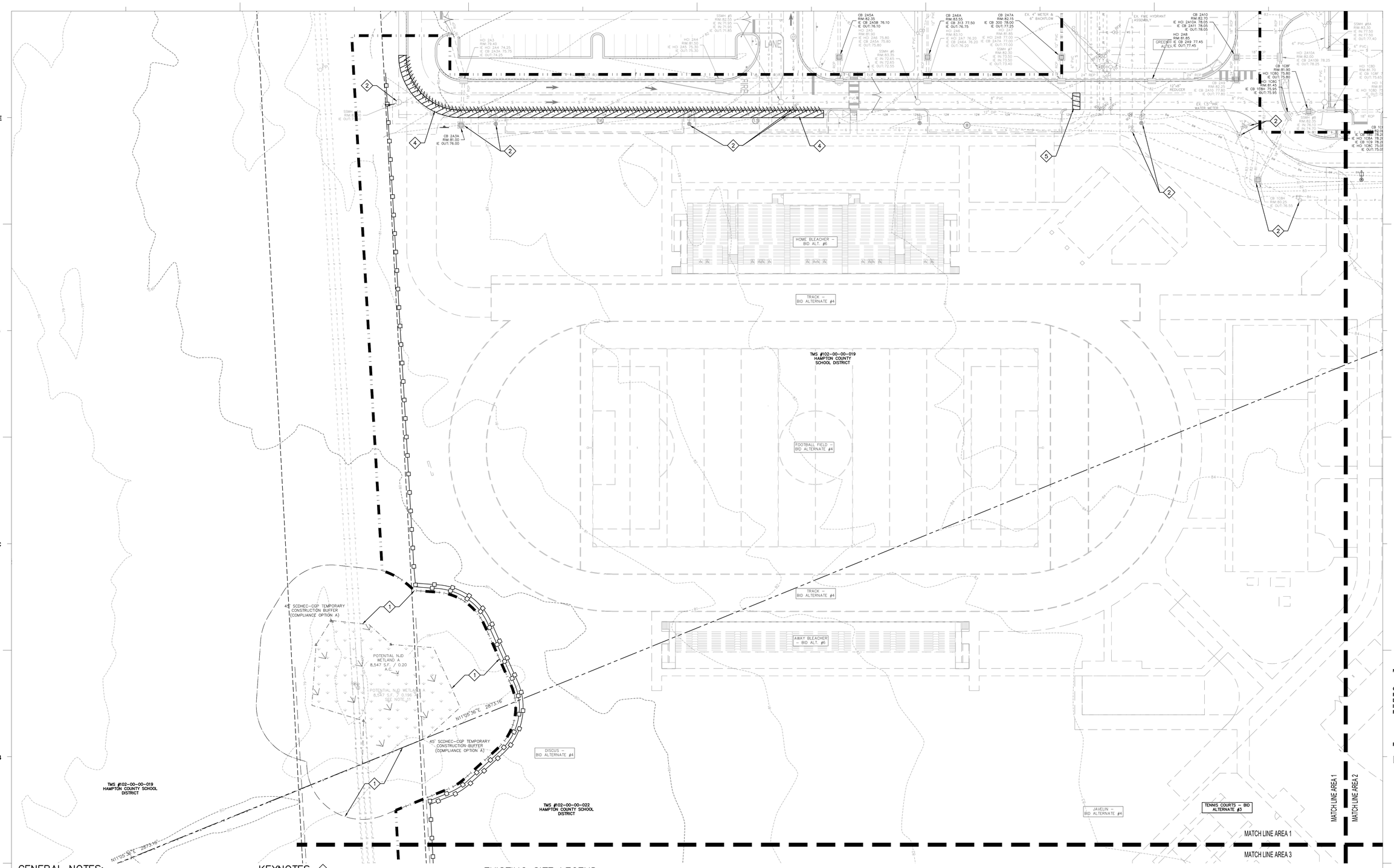

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KEYNOTES:

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 : TELEPHONE VAULT, PEDESTAL
- G : GAS METER
- X : FENCE
- : SIGN
- 24 : CONTOUR
- x23.45 : 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

ADC ENGINEERING
1226 YEAMANS HALL ROAD
HANAHAN, SC 29410
843-566-0161
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CHARLESTON, SOUTH CAROLINA 29401
TEL. 843.577.4444 FAX 843.722.4789
WWW.LS3P.COM

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

SOUTH CAROLINA – No. 35165 – 10/31/25 – REGISTERED LANDSCAPE ARCHITECT – WALKER HARDWICK

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REVISIONS:

No.	Description	Date

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

EXISTING SITE & DEMOLITION PLAN - AREA 1

C101

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/EXISTING_Hampton County HS_v2022.rvt
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EX. HAMPTON COUNTY HIGH SCHOOL
FFE: 85.04'

PRESS BOX BUILDINGS – BID ALTERNATE #2

TENNIS COURTS – BID ALTERNATE #3

MATCH LINE AREA 1

MATCH LINE AREA 2

MATCH LINE AREA 3

MATCH LINE AREA 2

N11°09'36"E 2873.16'

32" PECAN

(COUNTY MAINTAINED DIRT ROAD)

S35°20'36"E 1024.52'

S35°20'36"E 1052.39'

GENERAL NOTES:

1. SEE SHEET C001 FOR CIVIL ABBREVIATIONS AND GENERAL NOTES.
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.

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

- WATER LINE W/ VALVE
- WATER SERVICE
- SANITARY SEWER PIPE
- STORM DRAIN
- POWER LINE (OVERHEAD)
- POWER LINE (UNDERGROUND)
- TELEPHONE LINE (UNDERGROUND)
- COMMUNICATIONS LINE (UNDERGROUND)
- FIBER OPTIC LINE
- GAS LINE
- EXISTING TREE
- POWER POLE, GUY WIRE
- ELECTRICAL BOX, HAND HOLE
- LIGHT POLE
- SANITARY MANHOLE
- CATCH BASIN
- FIRE HYDRANT
- TELEPHONE VAULT, PEDESTAL
- GAS METER
- FENCE
- SIGN
- CONTOUR
- 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
- 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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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035165 RENE WALKER HARDWICK 10/31/25

ADC ENGINEERING INC. No. 00253 NORTH CAROLINA

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

EXISTING SITE & DEMOLITION PLAN - AREA 2

C102

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/EXISTING_Hampton County HS_v2022.rvt
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MATCH LINE AREA 1

MATCH LINE AREA 3

MATCH LINE AREA 3

MATCH LINE AREA 2

SHOTPUT – BID ALTERNATE #4

TENNIS COURTS – BID ALTERNATE #3

CLEAR TREES & UNDERBRUSH WITHIN THE HATCHED LIMITS.

30" 30" DOUBLE OAK

45' SCDHEC-COP TEMPORARY CONSTRUCTION BUFFER (COMPLIANCE OPTION A)

WETLAND A
3,258 SF / 0.07 AC

45' SCDHEC-COP TEMPORARY CONSTRUCTION BUFFER (COMPLIANCE OPTION A)

NON-AQUATIC RESOURCE

GENERAL NOTES:

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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. 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

- WATER LINE W/ VALVE
- WATER SERVICE
- SANITARY SEWER PIPE
- STORM DRAIN
- POWER LINE (OVERHEAD)
- POWER LINE (UNDERGROUND)
- TELEPHONE LINE (UNDERGROUND)
- COMMUNICATIONS LINE (UNDERGROUND)
- FIBER OPTIC LINE
- GAS LINE
- EXISTING TREE
- POWER POLE, GUY WIRE
- ELECTRICAL BOX, HAND HOLE
- LIGHT POLE
- SANITARY MANHOLE
- CATCH BASIN
- FIRE HYDRANT
- TELEPHONE VAULT, PEDESTAL
- GAS METER
- FENCE
- SIGN
- CONTOUR
- 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
- 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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ADC ENGINEERING INC. No. 00253 – STATE OF SOUTH CAROLINA

RICHARD WALKER HARDWICK – No. 35165 – 10/31/25 – STATE OF SOUTH CAROLINA

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REVISIONS:

No.	Description	Date

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

EXISTING SITE & DEMOLITION PLAN - AREA 3

C103

CONSTRUCTION DOCUMENTS

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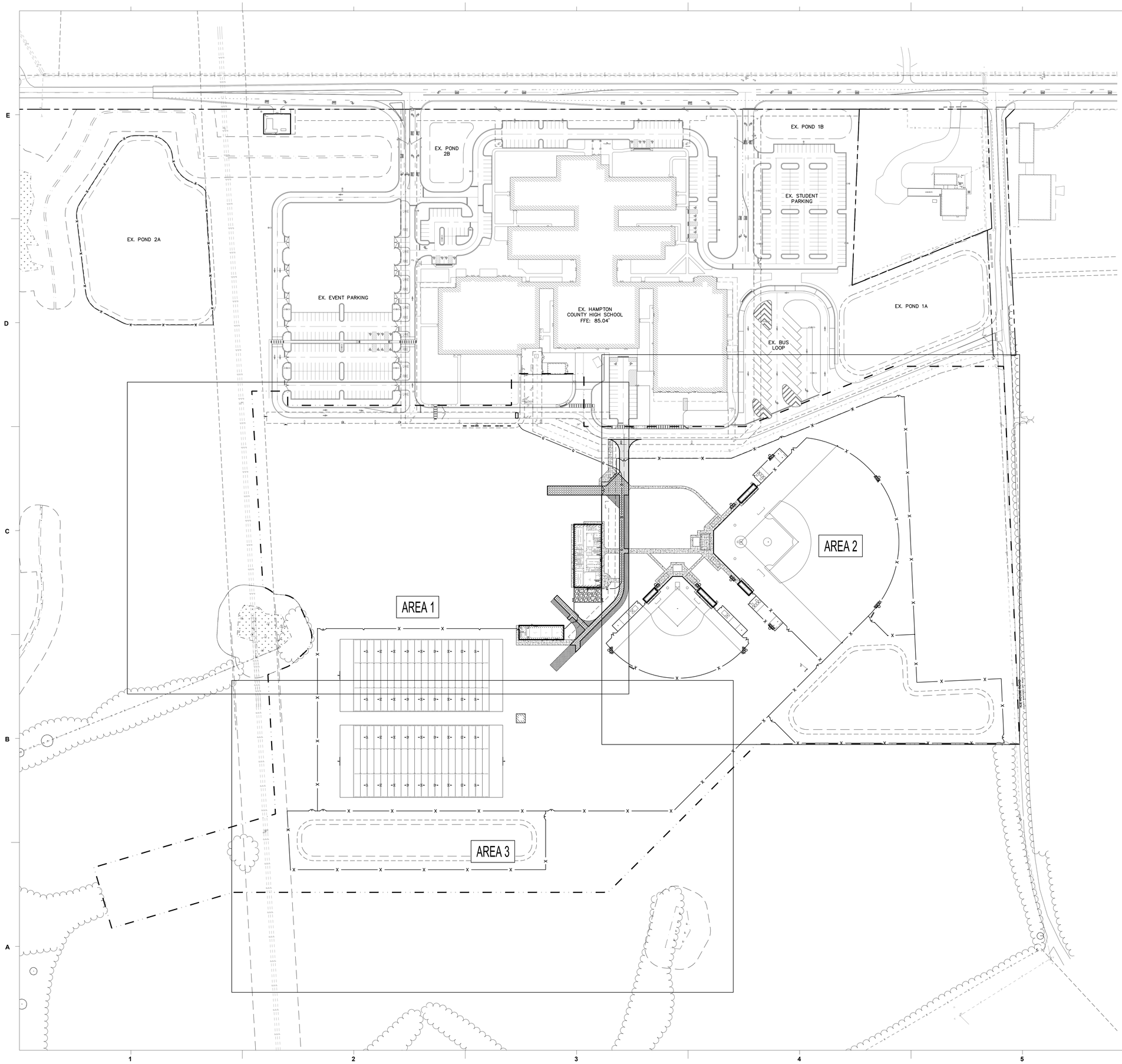

GENERAL NOTES:

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2. CONTRACTOR IS RESPONSIBLE FOR ALL WORK SHOWN, UNLESS SPECIFICALLY INDICATED OTHERWISE.
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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

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035165 RYAN WALKER HADDOCK

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL No. 35165 RYAN WALKER HADDOCK 10/31/25

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REVISIONS:

No.	Description	Date

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

BASE BID SITE PLAN - OVERALL

C200

CONSTRUCTION DOCUMENTS

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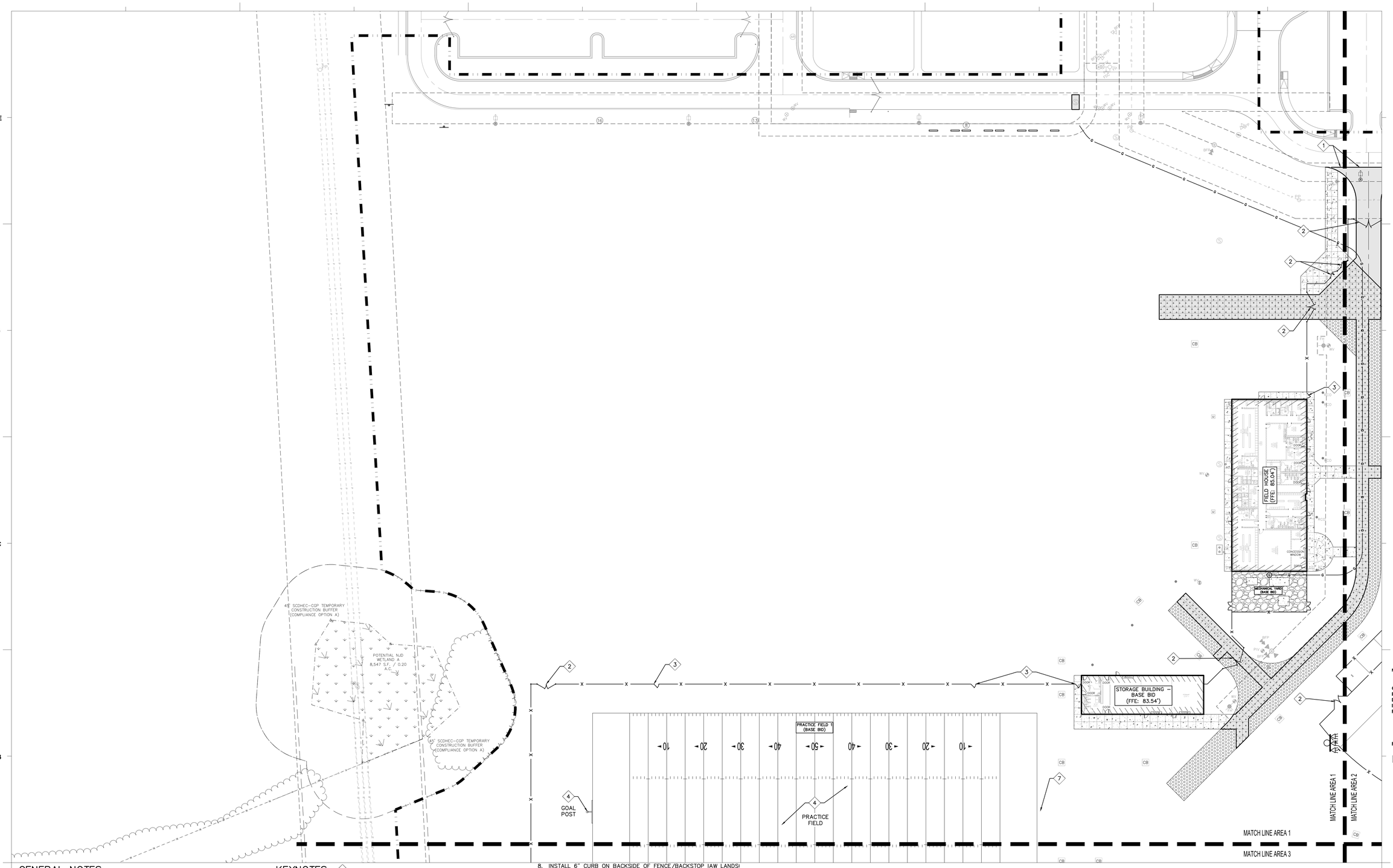

GENERAL NOTES:

1. SEE SHEET C001 FOR CIVIL NOTES AND ABBREVIATIONS.
2. CONTRACTOR IS RESPONSIBLE FOR ALL WORK SHOWN, UNLESS SPECIFICALLY INDICATED OTHERWISE.
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KEYNOTES:

1. TIE IN NEW ASPHALT TO EXISTING IAW DETAIL D/C620.
2. INSTALL DOUBLE SWING GATE IAW LANDSCAPE PLANS.
3. INSTALL PERSONAL GATE IAW LANDSCAPE PLANS.
4. INSTALL SPORTS FIELD OR SPORTS FIELD ITEM IAW LANDSCAPE PLANS & DETAILS.
5. INSTALL DUGOUT IAW ARCHITECTURAL PLANS.
6. INSTALL NEW FLAG POLE IAW LANDSCAPE PLANS.
7. DO NOT INSTALL GOAL POST IN THIS LOCATION OF PRACTICE FIELD #1. GOAL POST INTENTIONALLY OMITTED TO ALLOW SPACE FOR BID ALTERNATE TRACK & FIELD EVENTS.
8. INSTALL 6" CURB ON BACKSIDE OF FENCE/BACKSTOP IAW LANDS PLANS. INSTALL CONCRETE SIDEWALK ON BACKSIDE OF CURB TO FLUSH WITH THE TOP OF CURB (6" HIGHER THAN GAME FIELD). S SHEET C302 FOR GRADING CLARIFICATION.
9. INSTALL EXPANSION JOINT IAW DETAIL A/C621.
10. INSTALL THICKENED EDGE IAW DETAIL A/C621.

CIVIL LEGEND – SITE

- STANDARD DUTY ASPHALT PAVEMENT – INSTALL IAW DETAIL A/C620.
- HEAVY DUTY CONCRETE PAVEMENT – INSTALL IAW DETAIL B/C620. INSTALL CONTRACTION JOINTS, WHERE SHOWN ON PLANS, EXCEPT WHERE NOTED OTHERWISE.
- CONCRETE SIDEWALK – INSTALL IAW DETAIL C/C620.
- GRAVEL DRIVEWAY OR MAINTENANCE ROAD – INSTALL IAW DETAIL G/C620.
- GRASS PAVE FIRE LANE – INSTALL IAW DETAIL J/C620.
- SIDEWALK RAMP – INSTALL IAW DETAIL B/C621.
- FENCING – INSTALL IAW LANDSCAPE PLANS. SEE LANDSCAPE PLANS FOR SPECIFIC STYLE, MATERIAL

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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WWW.LS3P.COM

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

SOUTH CAROLINA REGISTERED No. 35165 10/31/25 PROFESSIONAL ENGINEER RYAN WALKER HARDWAY

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REVISIONS:

No.	Description	Date

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

BASE BID SITE PLAN - AREA 1

C201

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/EXISTING_Hampton County HS_v2022.rvt
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EX. HAMPTON COUNTY HIGH SCHOOL FFE: 85.04'

SOFTBALL FIELD (BASE BID)

BASEBALL FIELD (BASE BID)

POND 3 (BASE BID)

FOUL POLE

BULLPEN

BACK STOP

SCOREBOARD

TYP.

MATCH LINE AREA 1

MATCH LINE AREA 2

MATCH LINE AREA 3

MATCH LINE AREA 2

HORIZONTAL SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

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.
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KEYNOTES:

1. TIE IN NEW ASPHALT TO EXISTING IAW DETAIL D/C620.
2. INSTALL DOUBLE SWING GATE IAW LANDSCAPE PLANS.
3. INSTALL PERSONAL GATE IAW LANDSCAPE PLANS.
4. INSTALL SPORTS FIELD OR SPORTS FIELD ITEM IAW LANDSCAPE PLANS & DETAILS.
5. INSTALL DUGOUT IAW ARCHITECTURAL PLANS.
6. INSTALL NEW FLAG POLE IAW LANDSCAPE PLANS.
7. DO NOT INSTALL GOAL POST IN THIS LOCATION OF PRACTICE FIELD #1. GOAL POST INTENTIONALLY OMITTED TO ALLOW SPACE FOR BID ALTERNATE TRACK & FIELD EVENTS.
8. INSTALL 6" CURB ON BACKSIDE OF FENCE/BACKSTOP IAW LANDSCAPE PLANS. INSTALL CONCRETE SIDEWALK ON BACKSIDE OF CURB TO BE FLUSH WITH THE TOP OF CURB (6" HIGHER THAN GAME FIELD). SEE SHEET C302 FOR GRADING CLARIFICATION.
9. INSTALL EXPANSION JOINT IAW DETAIL A/C621.
10. INSTALL THICKENED EDGE IAW DETAIL A/C621.

CIVIL LEGEND – SITE

- STANDARD DUTY ASPHALT PAVEMENT – INSTALL IAW DETAIL A/C620.
- HEAVY DUTY CONCRETE PAVEMENT – INSTALL IAW DETAIL B/C620. INSTALL CONTRACTION JOINTS, WHERE SHOWN ON PLANS, EXCEPT WHERE NOTED OTHERWISE.
- CONCRETE SIDEWALK – INSTALL IAW DETAIL C/C620.
- GRAVEL DRIVEWAY OR MAINTENANCE ROAD – INSTALL IAW DETAIL G/C620.
- GRASS PAVE FIRE LANE – INSTALL IAW DETAIL J/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.
- LIMITS OF CONSTRUCTION/LIMITS OF DISTURBANCE

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL ADC ENGINEERING INC No. 00253

SOUTH CAROLINA PROFESSIONAL ENGINEER SEAL No. 35165 10/31/25 TIMOTHY WALKER HARRINGTON

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REVISIONS:

No.	Description	Date

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

BASE BID SITE PLAN - AREA 2

C202

CONSTRUCTION DOCUMENTS

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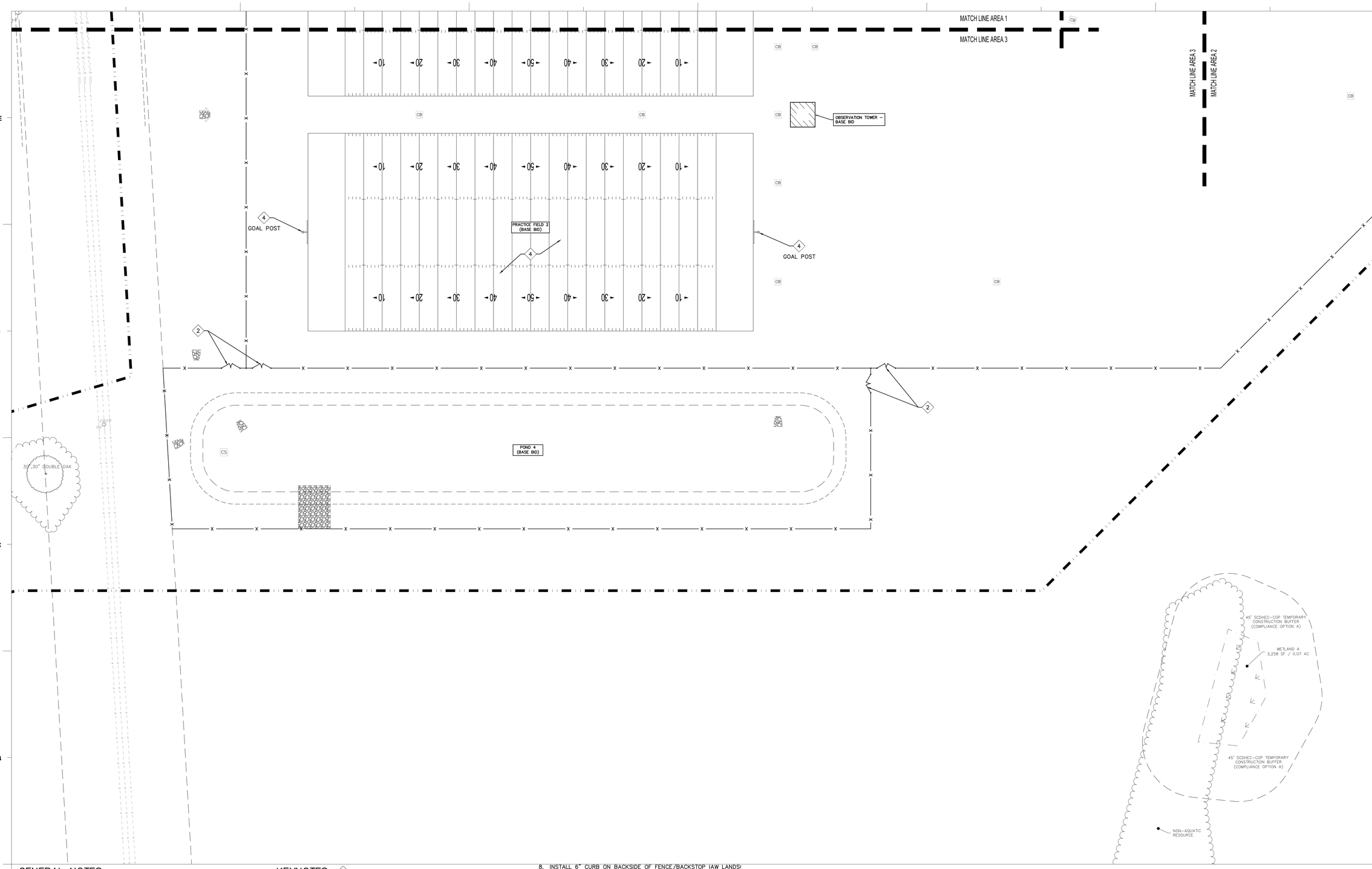

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KEYNOTES:

1. TIE IN NEW ASPHALT TO EXISTING IAW DETAIL D/C620.
2. INSTALL DOUBLE SWING GATE IAW LANDSCAPE PLANS.
3. INSTALL PERSONAL GATE IAW LANDSCAPE PLANS.
4. INSTALL SPORTS FIELD OR SPORTS FIELD ITEM IAW LANDSCAPE PLANS & DETAILS.
5. INSTALL DUGOUT IAW ARCHITECTURAL PLANS.
6. INSTALL NEW FLAG POLE IAW LANDSCAPE PLANS.
7. DO NOT INSTALL GOAL POST IN THIS LOCATION OF PRACTICE FIELD #1. GOAL POST INTENTIONALLY OMITTED TO ALLOW SPACE FOR BID ALTERNATE TRACK & FIELD EVENTS.
8. INSTALL 6" CURB ON BACKSIDE OF FENCE/BACKSTOP IAW LANDS(PLANS. INSTALL CONCRETE SIDEWALK ON BACKSIDE OF CURB TO FLUSH WITH THE TOP OF CURB (6" HIGHER THAN GAME FIELD). S SHEET C302 FOR GRADING CLARIFICATION.
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CIVIL LEGEND – SITE

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- GRASS PAVE FIRE LANE – INSTALL IAW DETAIL J/C620.
- SIDEWALK RAMP – INSTALL IAW DETAIL B/C621.
- FENCING – INSTALL IAW LANDSCAPE PLANS. SEE

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 REGISTERED LANDSCAPE ARCHITECT ADC ENGINEERING INC. No. 00253

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 35165 10/31/25 WALKER HARDIN

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REVISIONS:

No.	Description	Date

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

BASE BID SITE PLAN - AREA 3

C203

CONSTRUCTION DOCUMENTS

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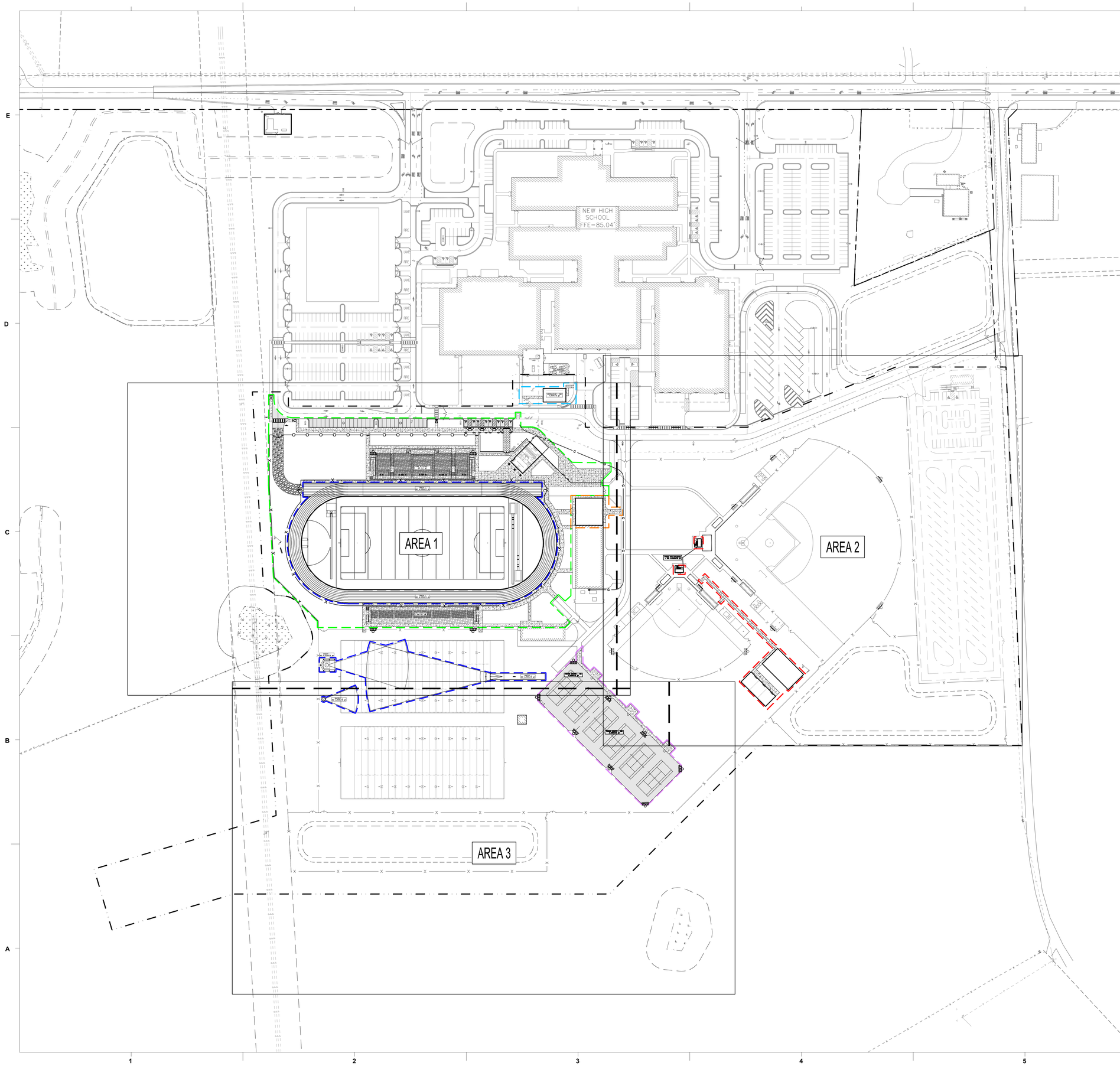

GENERAL NOTES:

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LEGEND – BID ALTERNATES

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HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 35165 10/31/25 RYAN WALKER HASKEW REGISTERED

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ADC PROJECT: 22507.10
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DATE: OCTOBER 31, 2025

BID ALTERNATE SITE PLAN - OVERALL

C220

CONSTRUCTION DOCUMENTS

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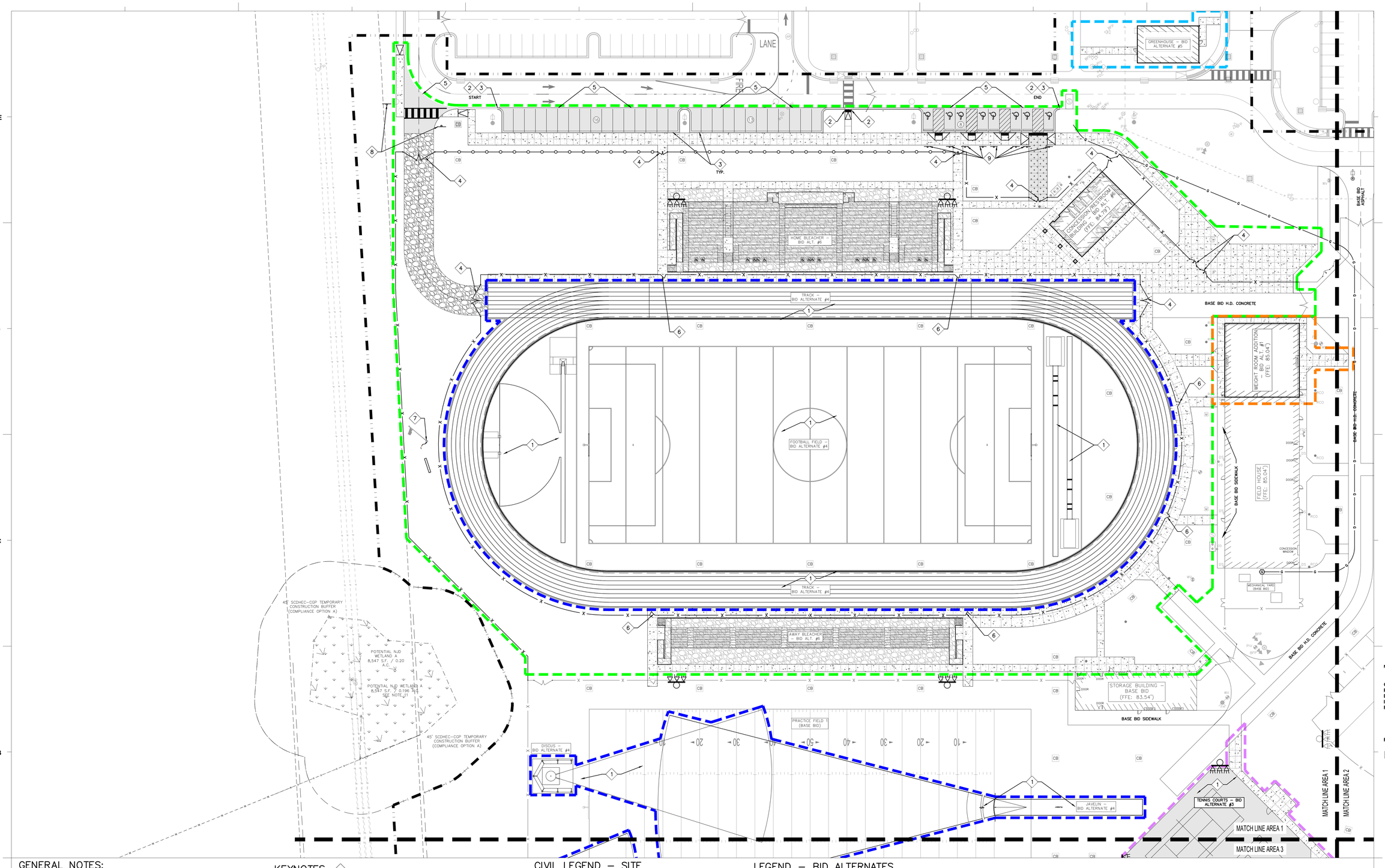

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7. INSTALL FLAG POLE IAW LANDSCAPE PLANS.
8. INSTALL SCHOOL CROSS WALK SIGN IAW DETAIL F/C621.
9. INSTALL HANDICAP PARKING SIGN IAW DETAIL G/C621. ONLY INSTALL VAN ACCESSIBLE SING ON THE TWO (2) SPACES CLOSEST TO THE CONCESSIONS/RESTROOM BUILDING.
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- 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.
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- 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.
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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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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035165 RENE WALKER HARDWICK

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

No. 35165 10/31/25 RENE WALKER HARDWICK

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REVISIONS:

No.	Description	Date

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

BID ALTERNATE SITE PLAN - AREA 1

C221

CONSTRUCTION DOCUMENTS

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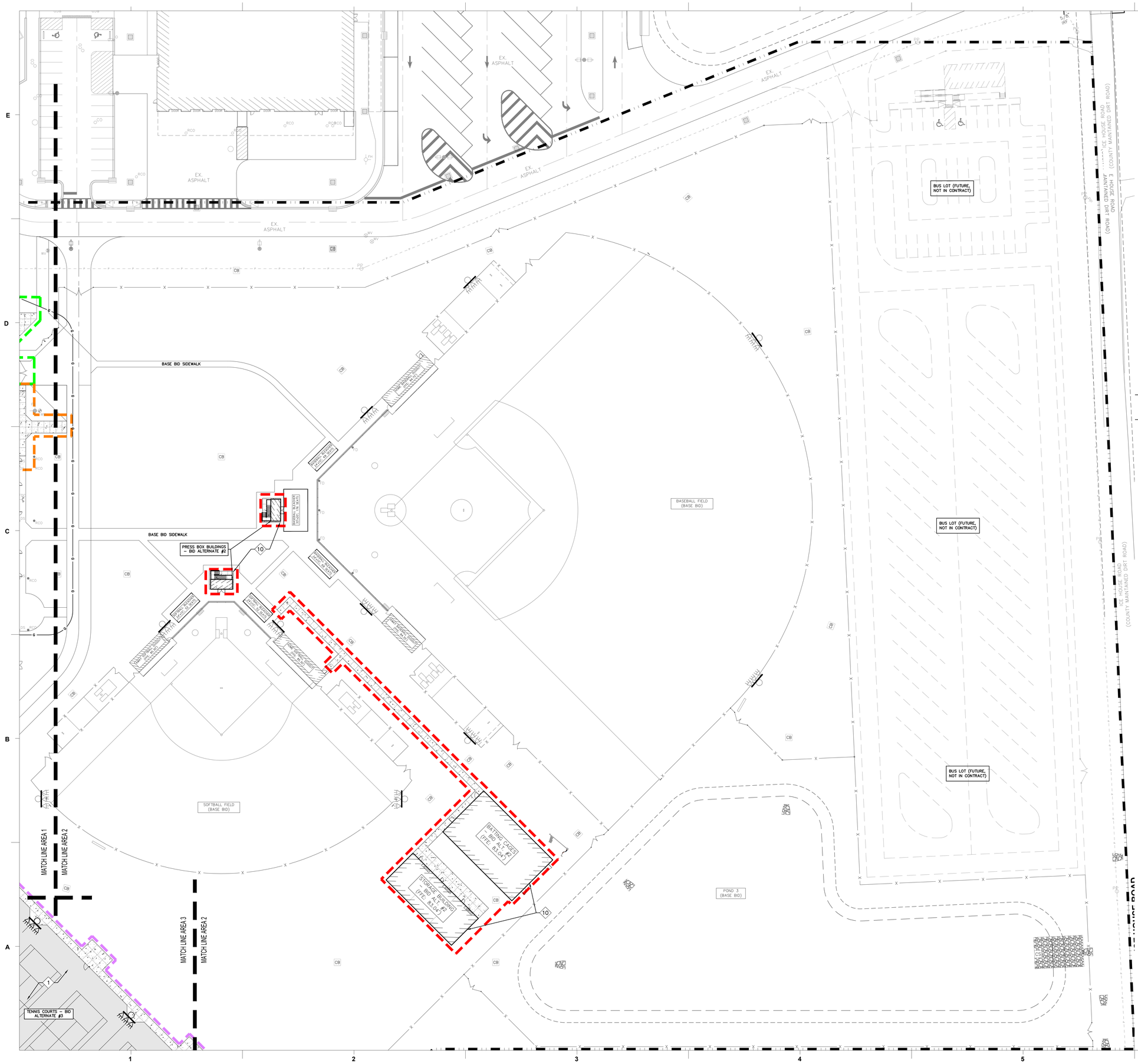

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HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL No. 35165 RYAN WALKER HANCOCK 10/31/25 — ADC ENGINEERING INC. No. 00253

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REVISIONS:

No.	Description	Date

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

BID ALTERNATE SITE PLAN - AREA 2

C222

CONSTRUCTION DOCUMENTS

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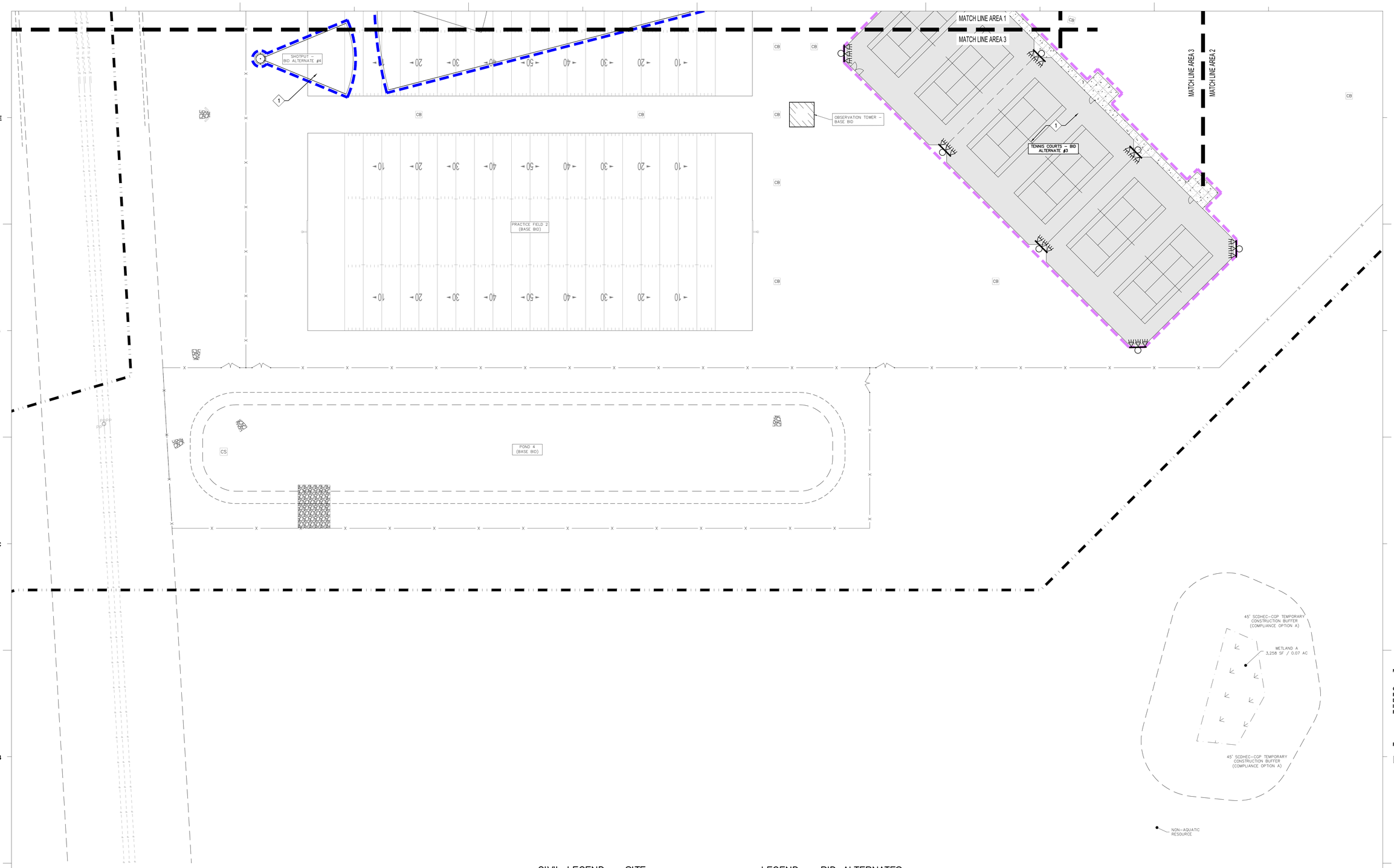

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HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 00253 ADC ENGINEERING, INC. SEAL OF AUTHORIZATION

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 35165 10/31/25 JEFFREY WALKER HARDIN SEAL OF AUTHORIZATION

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REVISIONS:

No.	Description	Date

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

BID ALTERNATE SITE PLAN - AREA 3

C223

CONSTRUCTION DOCUMENTS

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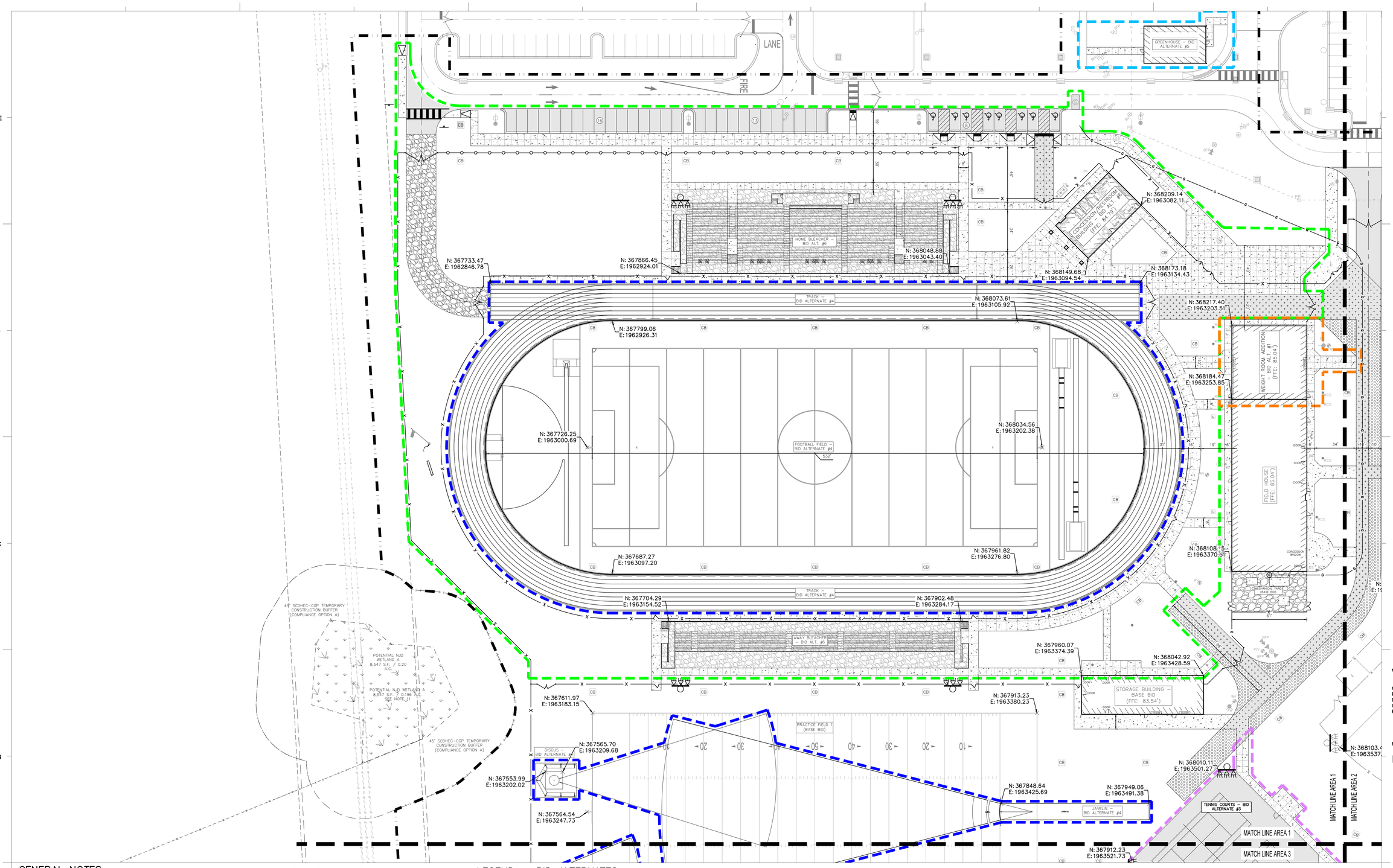

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HORIZONTAL SCALE

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(IN FEET)

1 inch = 30 ft.

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

SOUTH CAROLINA – No. 35165 – 10/31/25 – REGISTERED LANDSCAPE ARCHITECT – PHIL WALKER HARDWICK

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REVISIONS:

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

SITE LAYOUT & DIMENSION PLAN - AREA 1

C231

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/EXISTING_Hampton County HS_v2023.rvt
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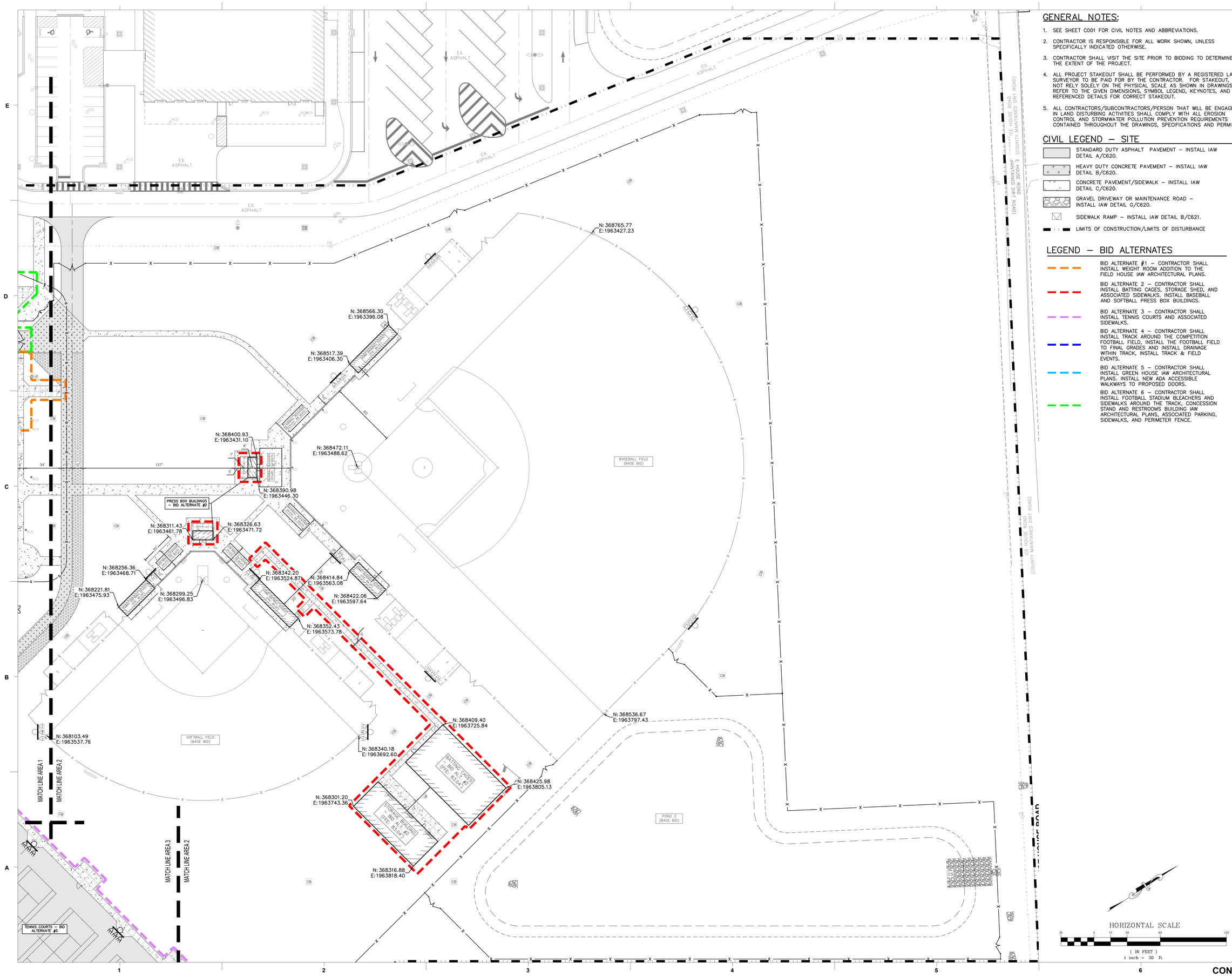

GENERAL NOTES:

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.

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.
- 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.

CONSTRUCTION DOCUMENTS

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
10/31/25
RYAN WALKER HARDWICK

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REVISIONS:

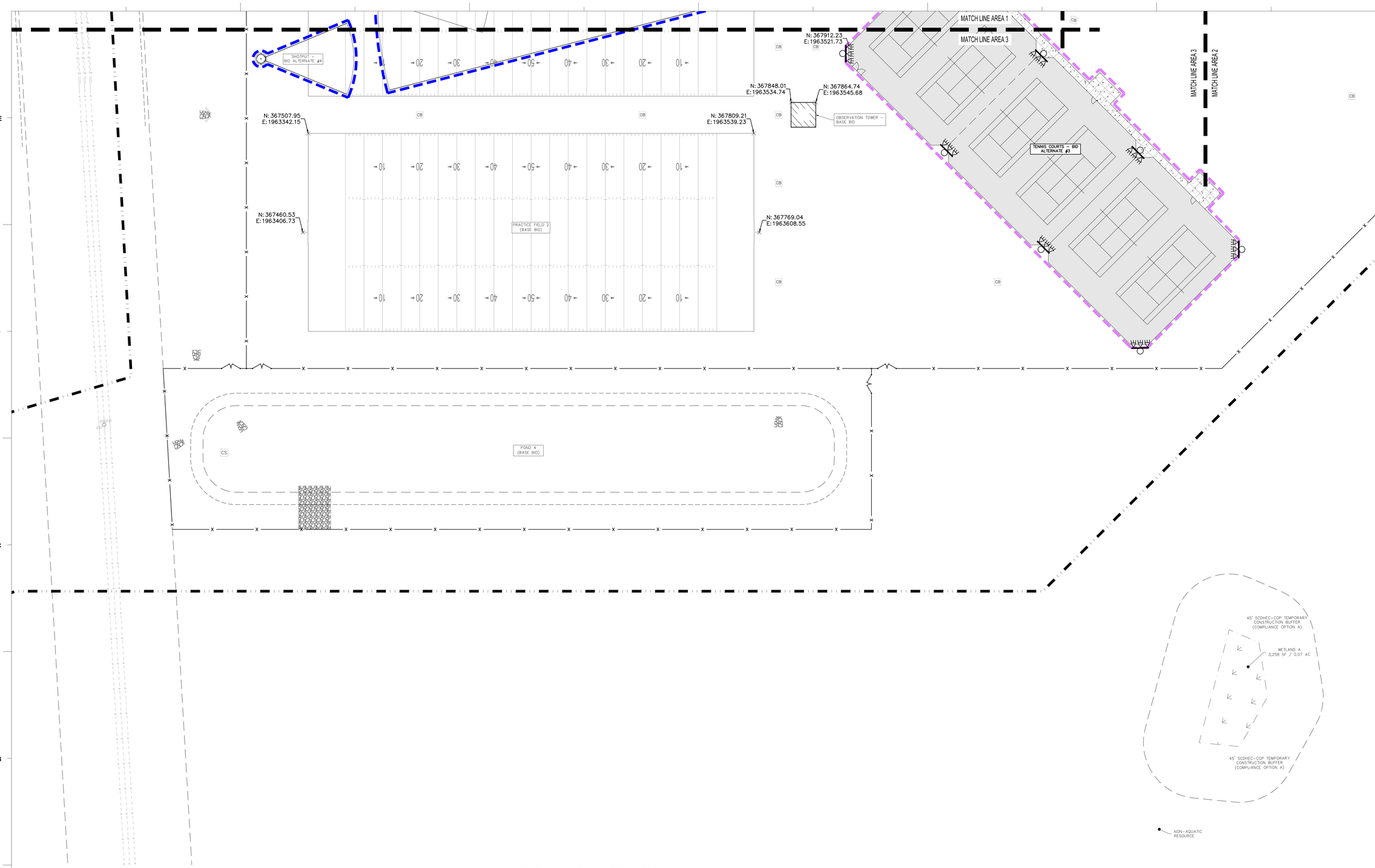
No.	Description	Date

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

SITE LAYOUT & DIMENSION PLAN - AREA 2

C232

Autodesk Docs://1201-217190 Hampton County HS/EXISTING_Hampton County HS_v2022.rvt
4/14/2023 12:39:07 PM



GENERAL NOTES:

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HORIZONTAL SCALE

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(IN FEET)
1 inch = 30 ft.

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HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

ADC ENGINEERING
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HANAHAN, SC 29410
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WWW.LS3P.COM

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

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 35165
10/31/25
JEFFREY WALKER HARDIN

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REVISIONS:

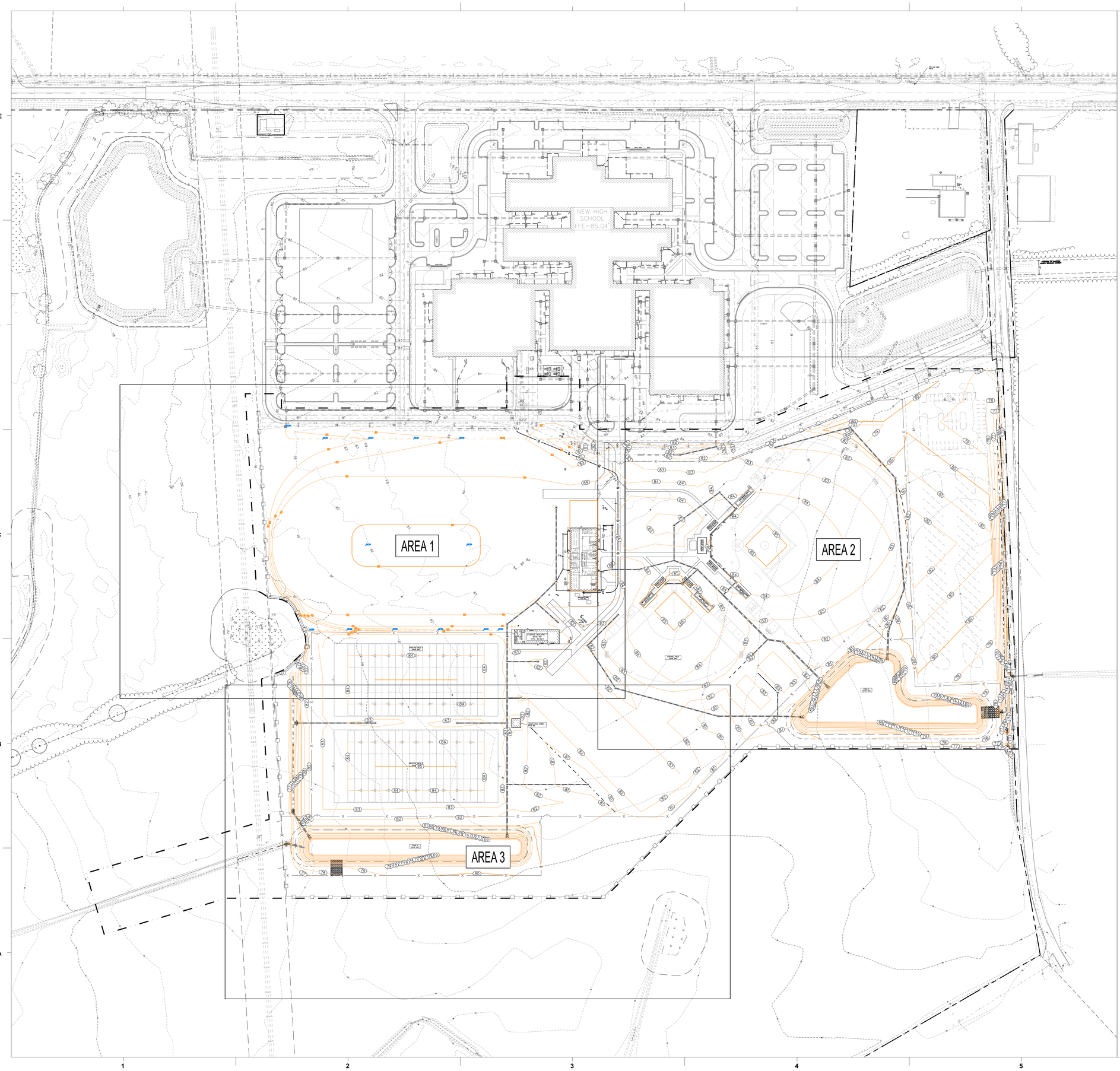
No.	Description	Date

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

SITE LAYOUT & DIMENSION PLAN - AREA 3

C233

CONSTRUCTION DOCUMENTS



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GRADING AND DRAINAGE NOTES:

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HORIZONTAL SCALE

0 40 80 160 320

(IN FEET)
1 inch = 80 ft.

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035165 ADC ENGINEERING INC. No. 00253 JAMES W. WALKER HASWELL

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 35165 10/31/25 JAMES W. WALKER HASWELL

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REVISIONS:

No.	Description	Date

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

BASE BID GRADING AND STORM DRAINAGE PLAN - OVERALL

C300

CONSTRUCTION DOCUMENTS

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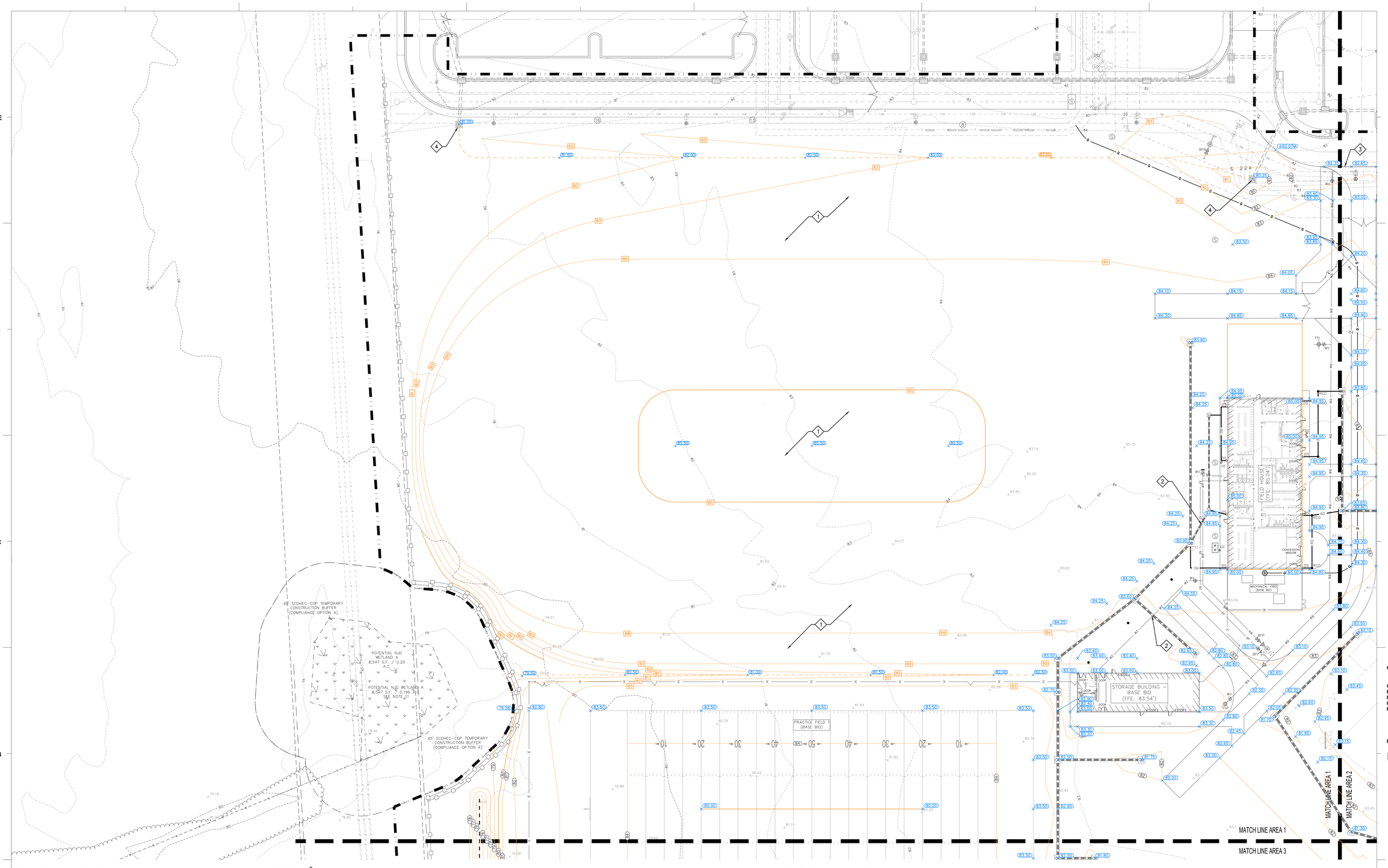

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GRADING AND DRAINAGE NOTES:

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. 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

ADC ENGINEERING
1226 YEAMANS HALL ROAD
HANAHAN, SC 29410
843-566-0161
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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT ADC ENGINEERING INC. No. 00253

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 35165 10/31/25 WALKER HARDWICK

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REVISIONS:

No.	Description	Date

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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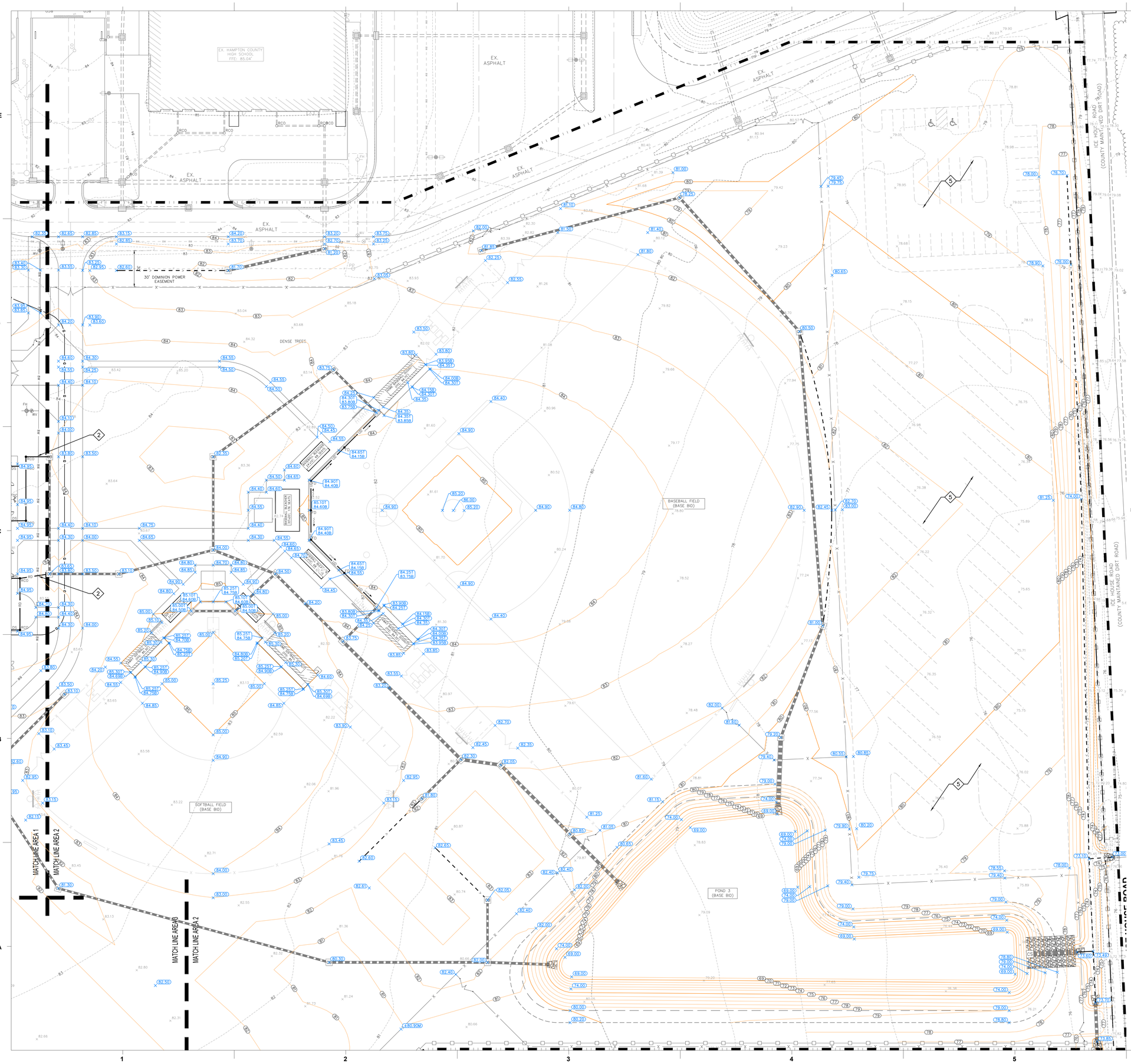

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2. INSTALL NEW STORM DRAINAGE LINE OVER/UNDER CROSSING UTILITY WITH A MINIMUM 12" OF SEPARATION. REFER TO PROFILES ON SHEET SERIES C32D FOR CROSSINGS.
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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035165 ADC ENGINEERING INC. No. 00253 STATE OF SOUTH CAROLINA

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL No. 35165 10/31/25 RENE WALKER HARDWICK

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REVISIONS:

No.	Description	Date

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

BASE BID GRADING PLAN - AREA 2

C302

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS\EXISTING_Hampton County HS_v2022.rvt
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MATCH LINE AREA 1

MATCH LINE AREA 3

MATCH LINE AREA 3

MATCH LINE AREA 2

100' OVERHEAD POWERLINE RIGHT-OF-WAY (PLAT CABINET A, SLIDE 150, PAGE 4)

PRACTICE FIELD 2 (BASE BID)

OBSERVATION TOWER – BASE BID

POND 4 (BASE BID)

45' SCDHEC-CCP TEMPORARY CONSTRUCTION BUFFER (COMPLIANCE OPTION A)

WETLAND A 3,258 SF / 0.07 AC

45' SCDHEC-CCP TEMPORARY CONSTRUCTION BUFFER (COMPLIANCE OPTION A)

NON-AQUATIC RESOURCE

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- (±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.

ADC ENGINEERING
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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT ADC ENGINEERING INC. No. 00253 PROFESSIONAL SEAL

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 3516 10/31/25 RENE WALKER HARDWICK PROFESSIONAL SEAL

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REVISIONS:

No.	Description	Date

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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

BASE BID GRADING PLAN - AREA 3

C303

CONSTRUCTION DOCUMENTS

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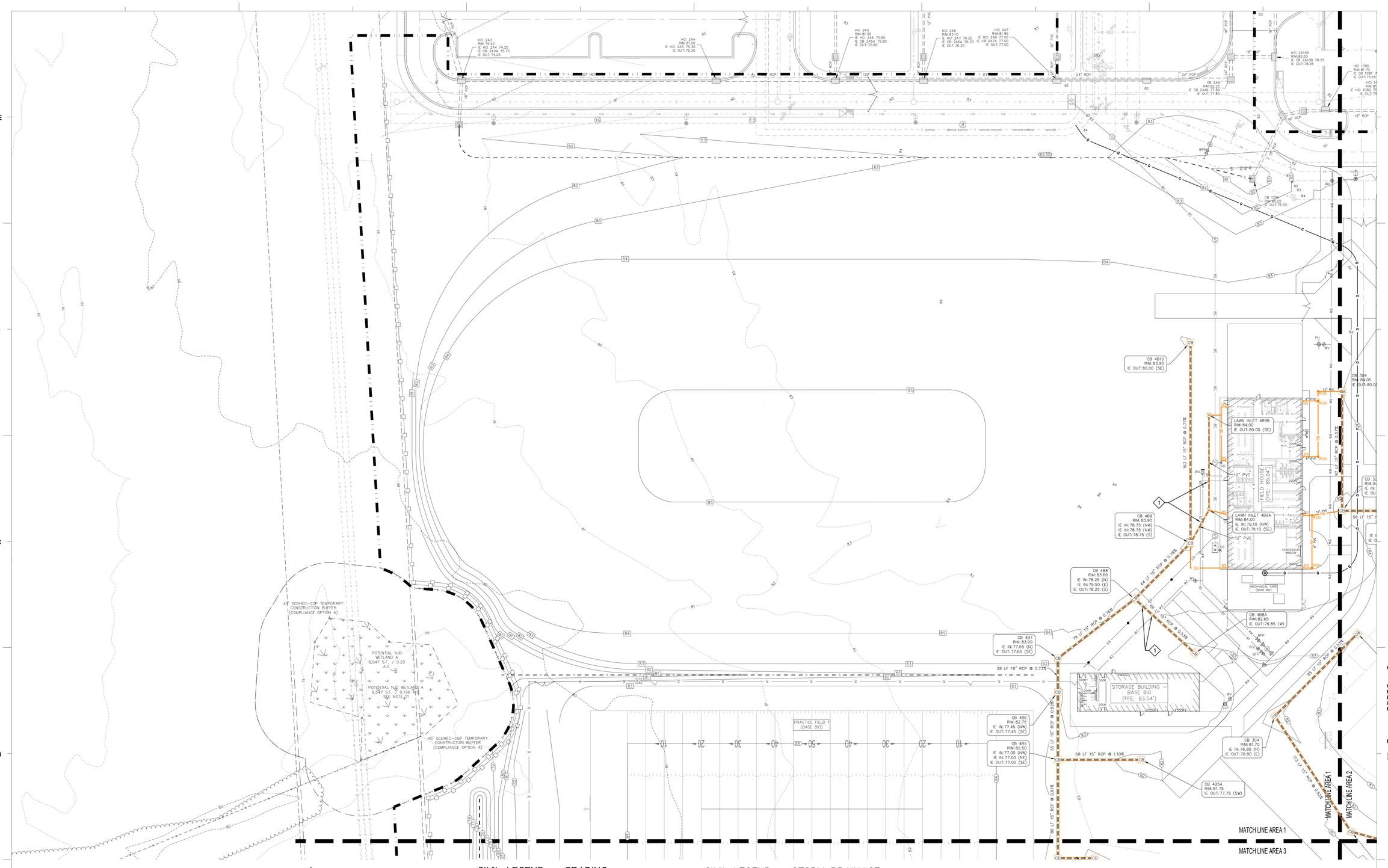

GENERAL NOTES:

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.

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

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 35165 10/31/25 WALKER HARDWICK

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REVISIONS:

No.	Description	Date

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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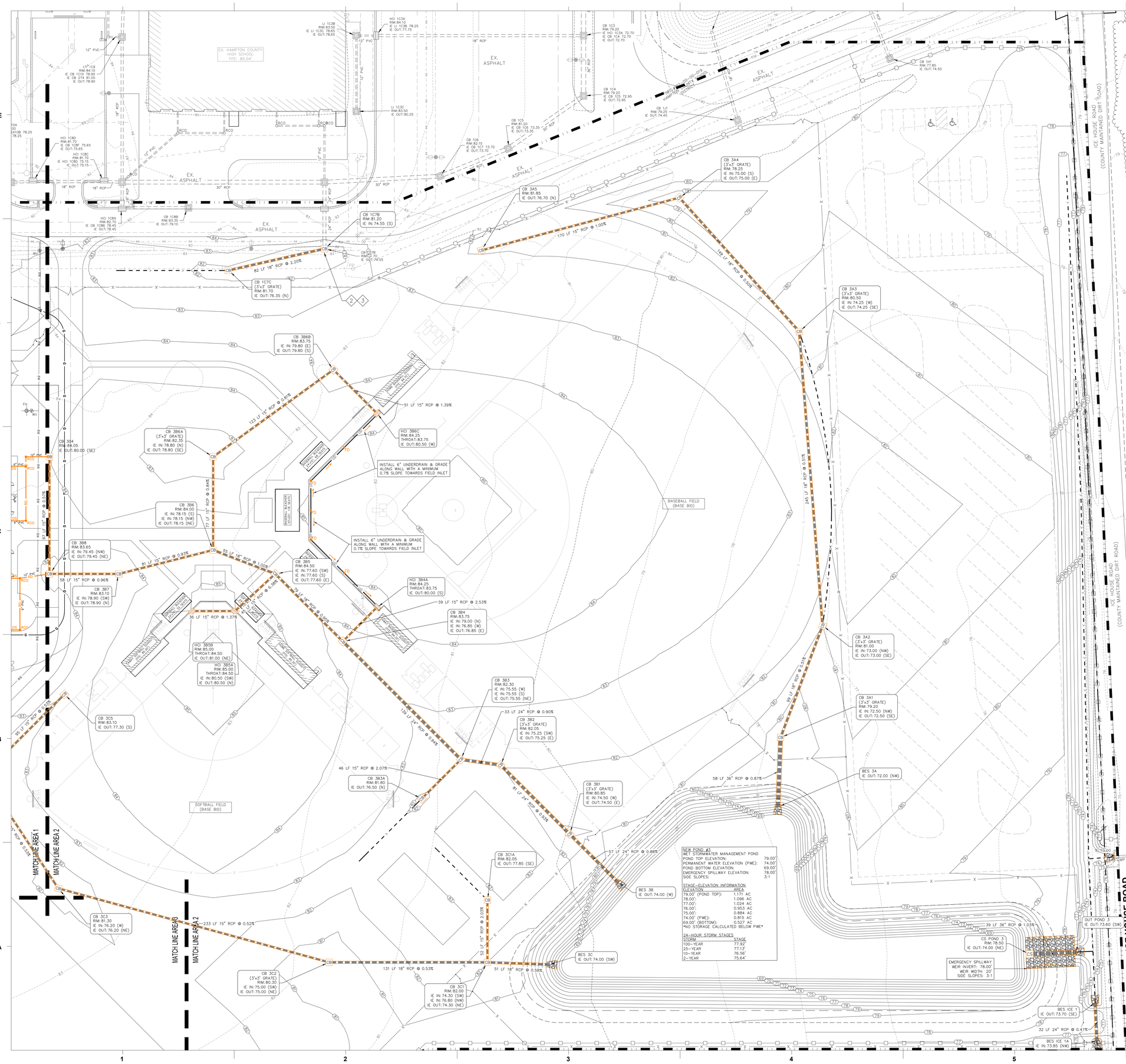

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KEYNOTES: ◇

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
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- 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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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 — No. 35165 — 10/31/25 — TIMOTHY WALKER HARDWICK

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REVISIONS:

No.	Description	Date

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

BASE BID STORM DRAINAGE PLAN - AREA 2

C312

CONSTRUCTION DOCUMENTS

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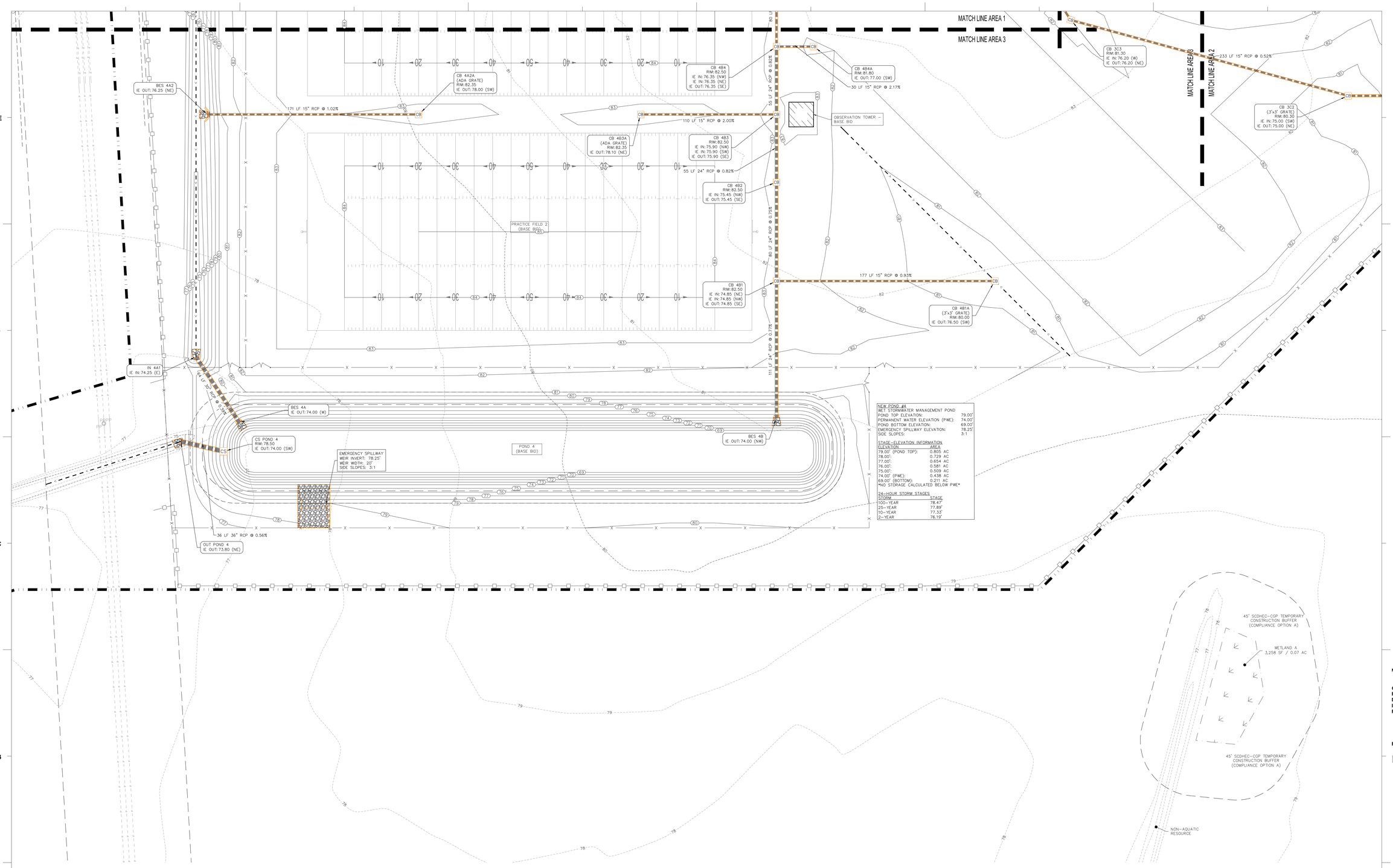

GENERAL NOTES:

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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
1D	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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1226 YEAMANS HALL ROAD
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ADCENGINEERING.COM

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035165 ADC ENGINEERING INC. No. 00253
NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL 3516 RENE WALKER HARDWICK 10/31/25

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REVISIONS:

No.	Description	Date

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

BASE BID STORM DRAINAGE PLAN - AREA 3

C313

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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GRADING AND DRAINAGE NOTES:

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

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

80 0 40 80 160 320

(IN FEET)
1 inch = 80 ft.

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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

SOUTH CAROLINA
No. 35165
10/31/25
REGISTERED
RYAN WALKER HARDWICK

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REVISIONS:

No.	Description	Date

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

BID ALTERNATE GRADING AND STORM DRAINAGE PLAN - OVERALL

C320

CONSTRUCTION DOCUMENTS

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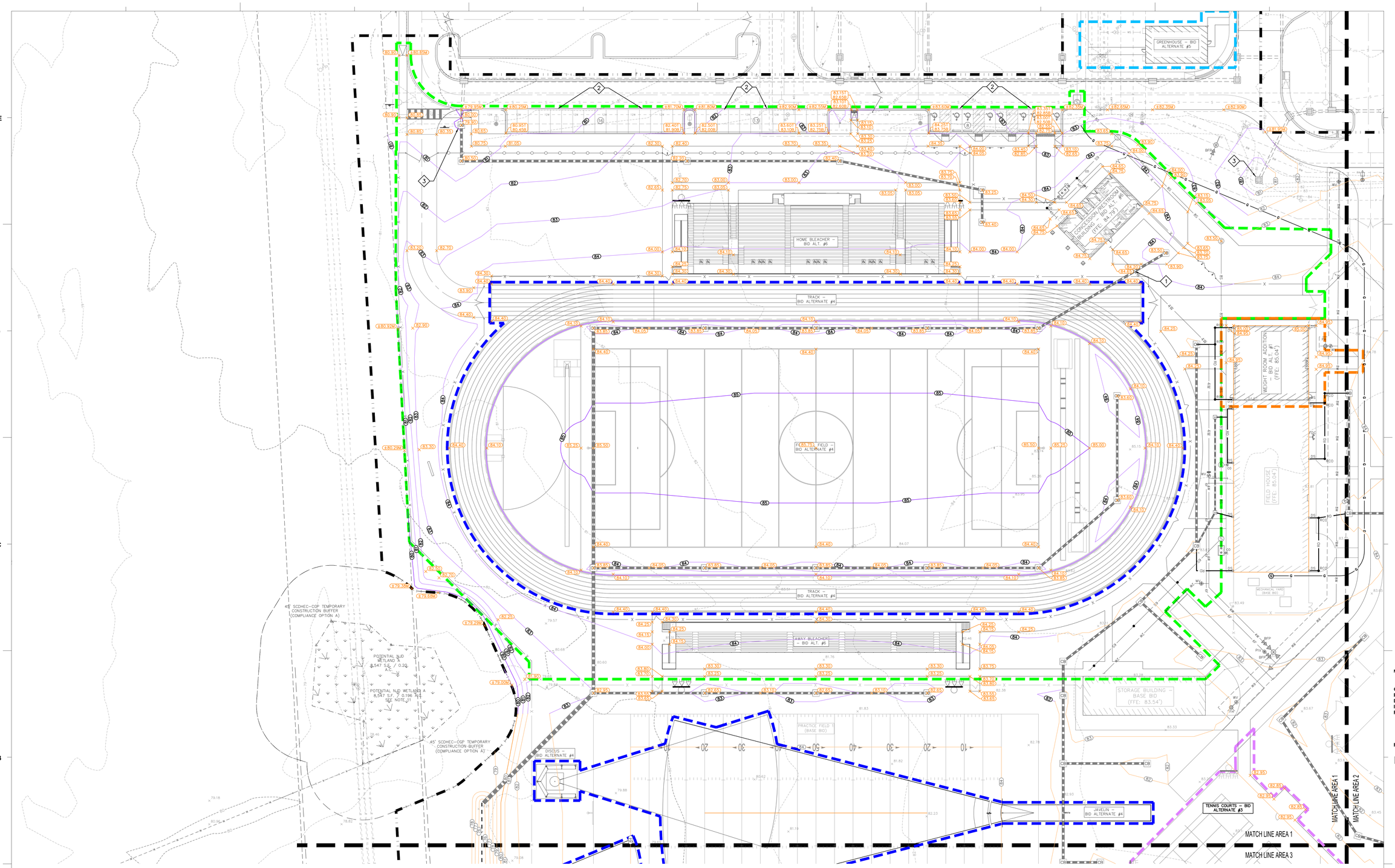

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KEYNOTES: ◇

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
- (11) BID ALTERNATE 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
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- 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)
1 inch = 30 ft.

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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

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CHARLESTON, SOUTH CAROLINA 29401
TEL. 843.577.4444 FAX 843.722.4789
WWW.LS3P.COM

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035165 WALKER HARDWICK
ADC ENGINEERING INC. No. 00253
No. 35165
10/31/25

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REVISIONS:

No.	Description	Date

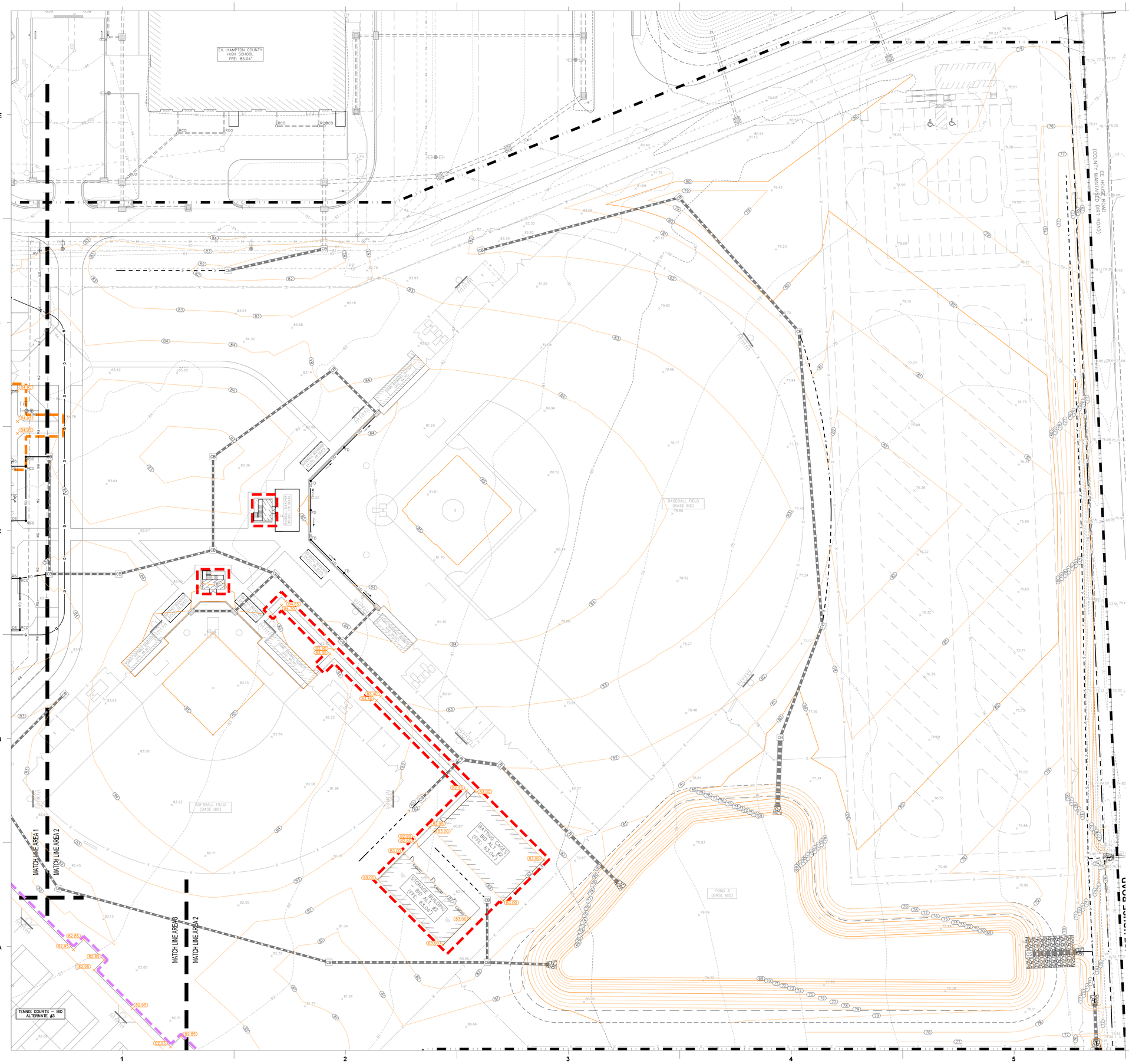
ADC PROJECT: 22507.10
LS3P PROJECT: 1201-217190
DATE: OCTOBER 31, 2025

BID ALTERNATE GRADING PLAN - AREA 1

C321

CONSTRUCTION DOCUMENTS

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



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 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
- +127.45M — BID ALTERNATE FINISHED GRADE SPOT ELEVATION TO MATCH EXISTING
- 11 — BID ALTERNATE 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.

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

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL No. 35165 — 10/31/25 — RENE WALKER HARDWICK

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REVISIONS:

No.	Description	Date

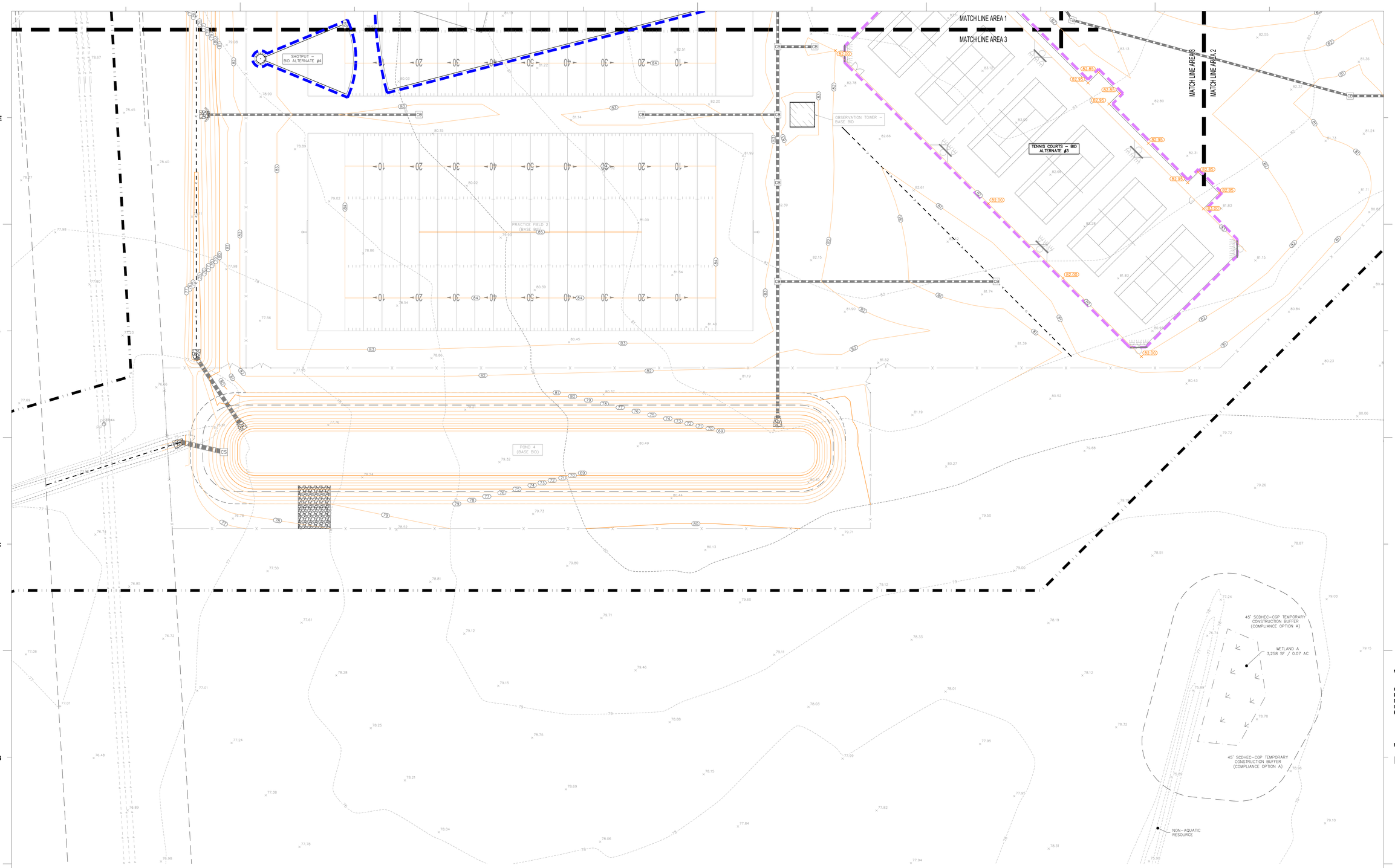
ADC PROJECT: 22507.10
LS3P PROJECT: 1201-217190
DATE: OCTOBER 31, 2025

BID ALTERNATE GRADING PLAN - AREA 2

C322

CONSTRUCTION DOCUMENTS

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



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.
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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.
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CIVIL LEGEND – GRADING

- (127.25) — BID ALTERNATE FINISHED GRADE SPOT ELEVATION
- E127.46M — BID ALTERNATE FINISHED GRADE SPOT ELEVATION TO MATCH EXISTING
- (11) — BID ALTERNATE FINISHED CONTOUR
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- 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.
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- 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.
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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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1226 YEAMANS HALL ROAD
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ADCENGINEERING.COM

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035165 — ADC ENGINEERING, INC. No. 00253 — 10/31/25 — REGISTERED LANDSCAPE ARCHITECT — JOHN WALKER HARDWICK

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REVISIONS:

No.	Description	Date

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

BID ALTERNATE GRADING PLAN - AREA 3

C323

CONSTRUCTION DOCUMENTS

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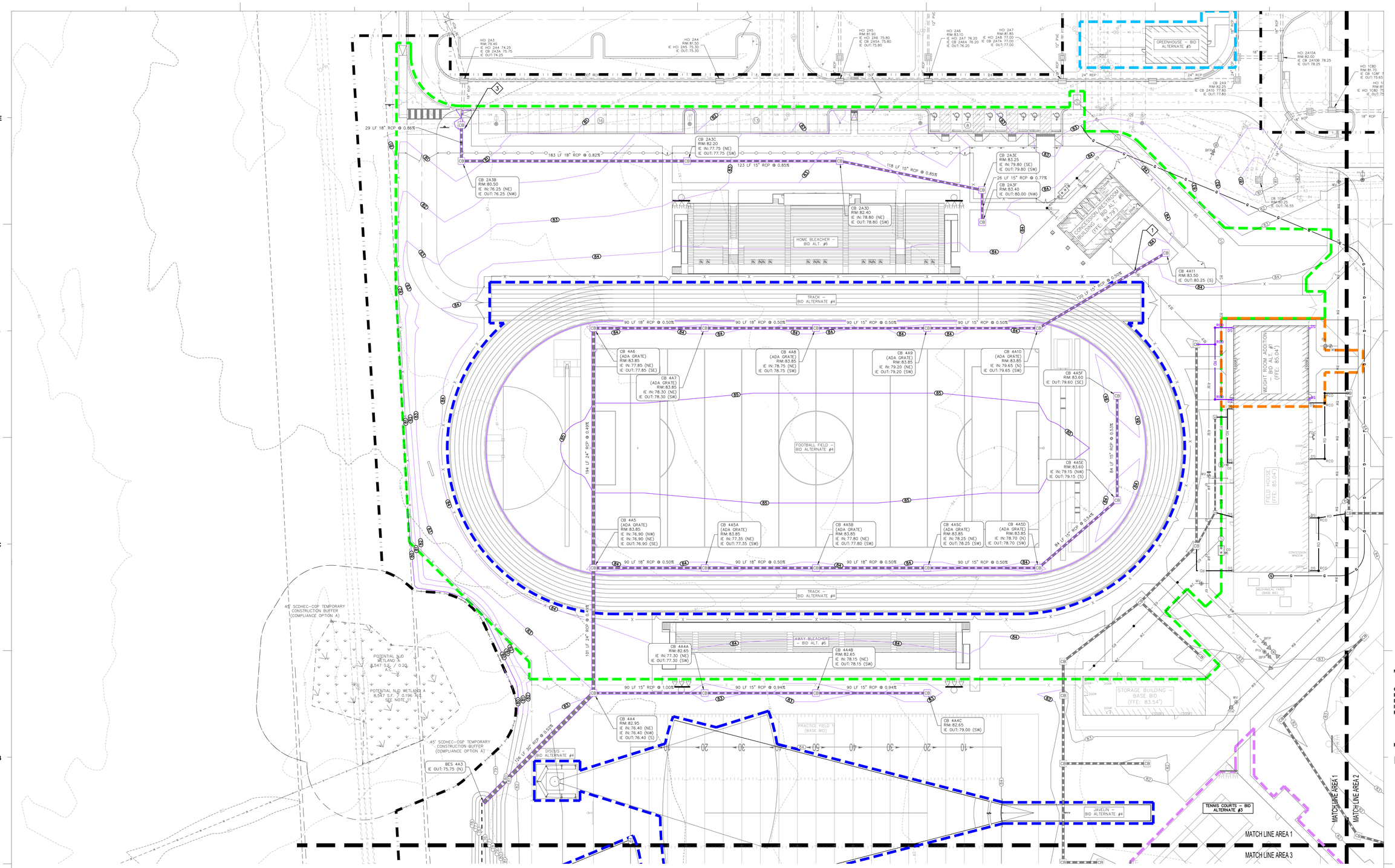

GENERAL NOTES:

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2. 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
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- 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.
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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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WWW.LS3P.COM

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

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 35165 WALKER HARDWICK 10/31/25

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REVISIONS:

No.	Description	Date

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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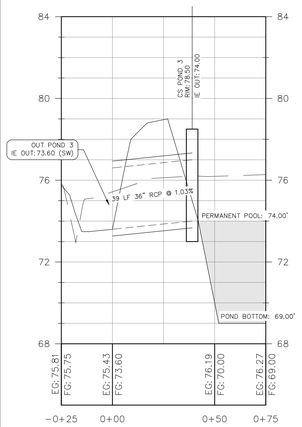
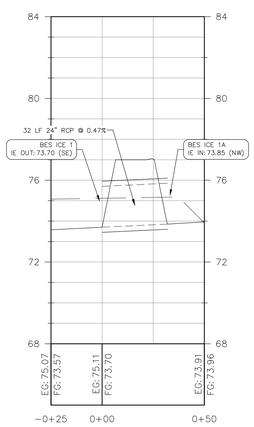
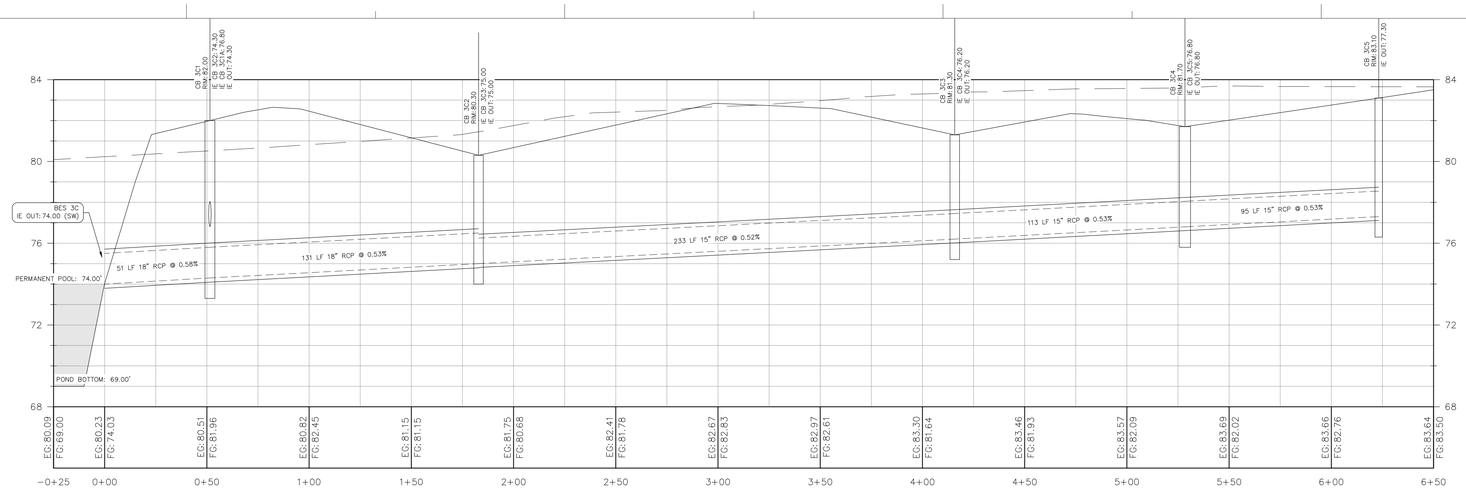


CS POND 3 – OUT POND 3 PROFILE



BES ICE 1A – BES ICE 1 PROFILE



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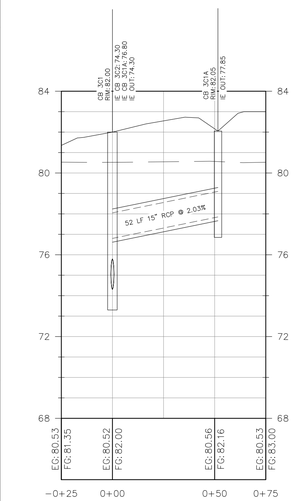
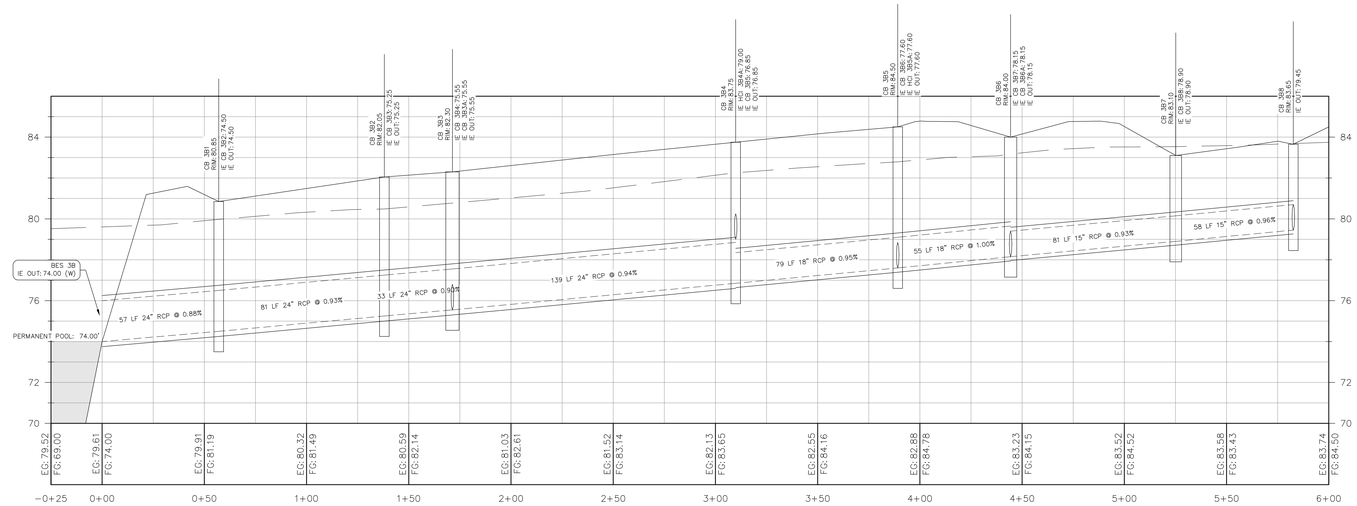
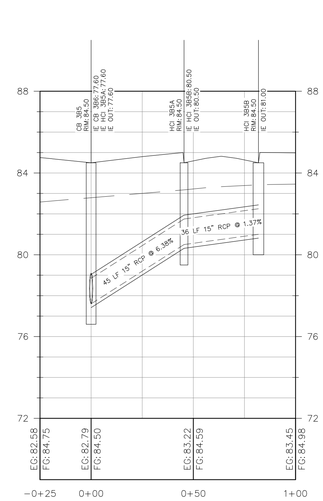


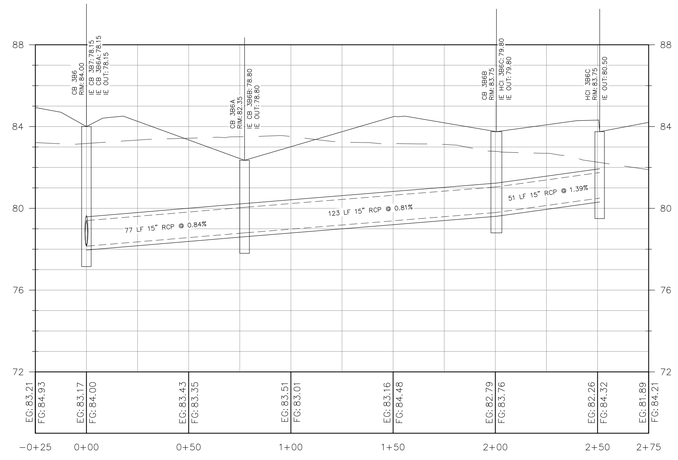
CB 3A1A – CB 3A1 PROFILE



CB 3B4C – BES 3B PROFILE



FIELD CI 3B5B – CB 3B5 PROFILE



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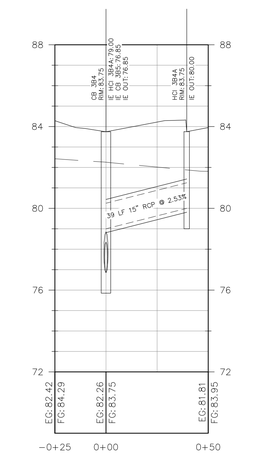

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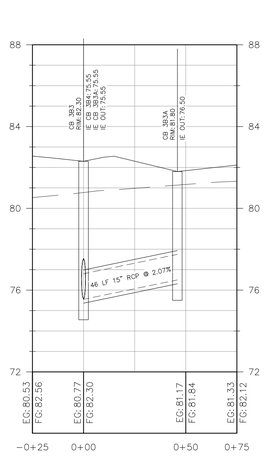
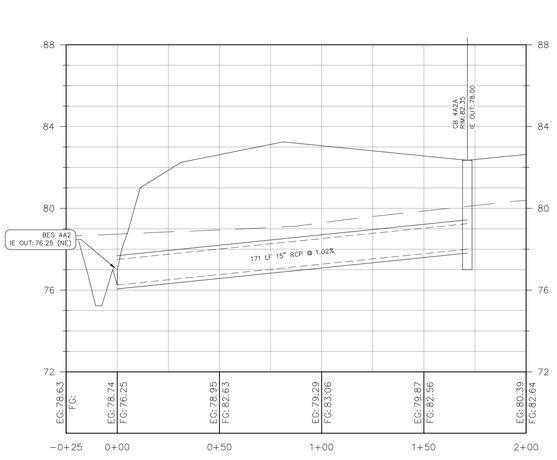


CB 3B3A – CB 3B3 PROFILE



CB 4A2A – BES 4A2 PROFILE

STORM DRAINAGE PROFILE NOTES:

1. SEE SHEET C001 FOR CIVIL NOTES AND ABBREVIATIONS.

DRAINAGE PROFILE LEGEND:

EXISTING GRADE

FINISHED GRADE

HYDRAULIC GRADE LINE

HORIZONTAL SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

VERTICAL SCALE

3 0 1.5 3 6 12

(IN FEET)
1 inch = 3 ft.

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035165 RENE WALKER HARDWICK 10/31/25

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REVISIONS:

No.	Description	Date

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

STORM DRAINAGE PROFILES - BASE BID

C350

CONSTRUCTION DOCUMENTS

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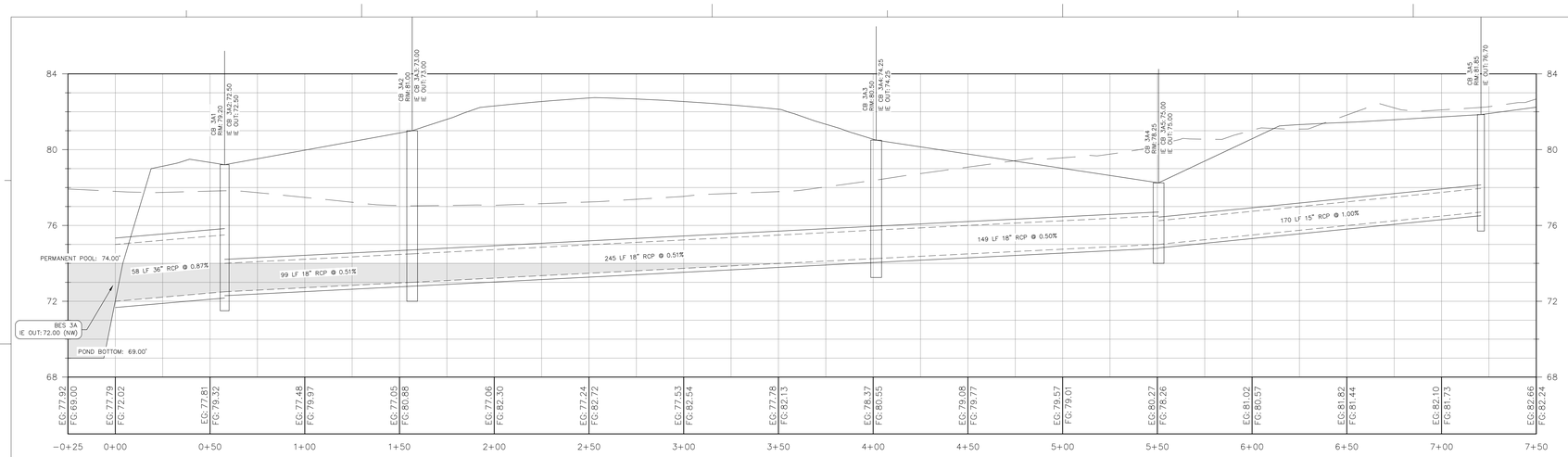
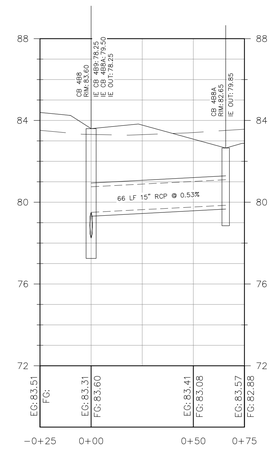


CB 3C5 – BES 3C PROFILE



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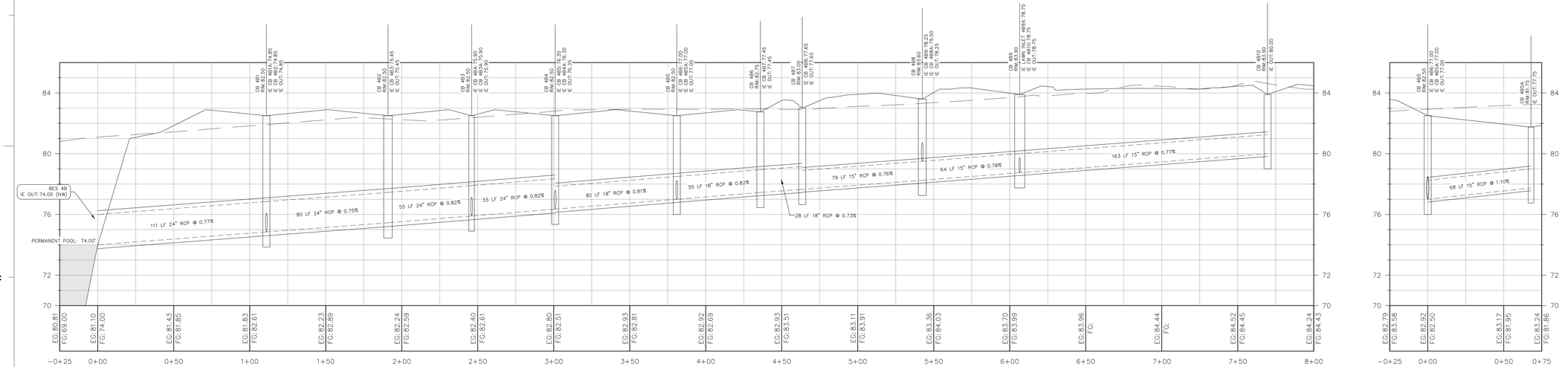
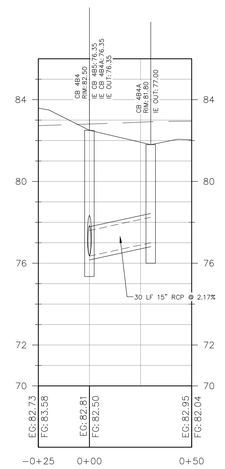


CB 4B10 – BES 4B PROFILE

CB 4B5A – CB 4B5 PROFILE



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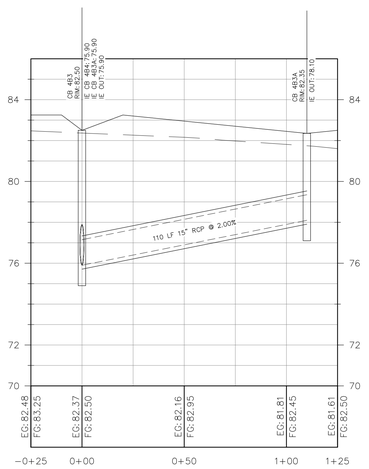

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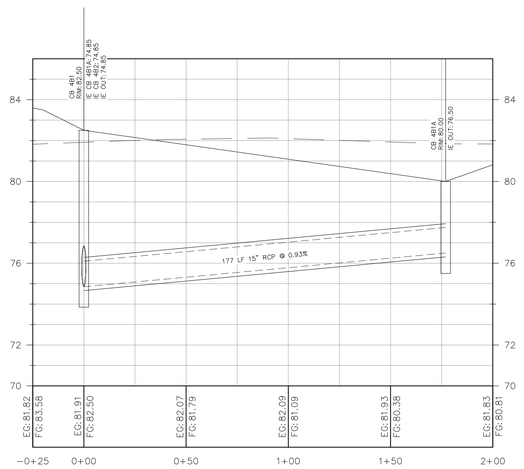

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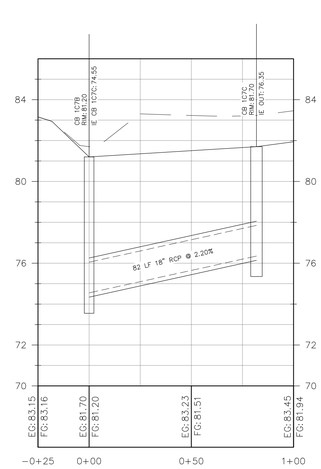

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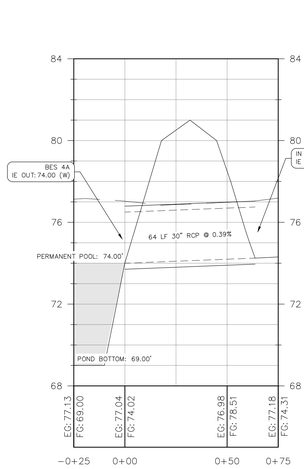
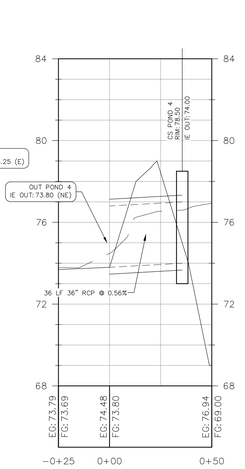


IN 4A1 – BES 4A PROFILE



CS POND 4 – BES POND 4 PROFILE

STORM DRAINAGE PROFILE NOTES:

1. SEE SHEET C001 FOR CIVIL NOTES AND ABBREVIATIONS.

DRAINAGE PROFILE LEGEND:

EXISTING GRADE

FINISHED GRADE

HYDRAULIC GRADE LINE

HORIZONTAL SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

VERTICAL SCALE

3 0 1.5 3 6 12

(IN FEET)
1 inch = 3 ft.

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 35165 RYAN WALKER HADDOCK 10/31/25

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No.	Description	Date

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

STORM DRAINAGE PROFILES - BASE BID

C351

CONSTRUCTION DOCUMENTS

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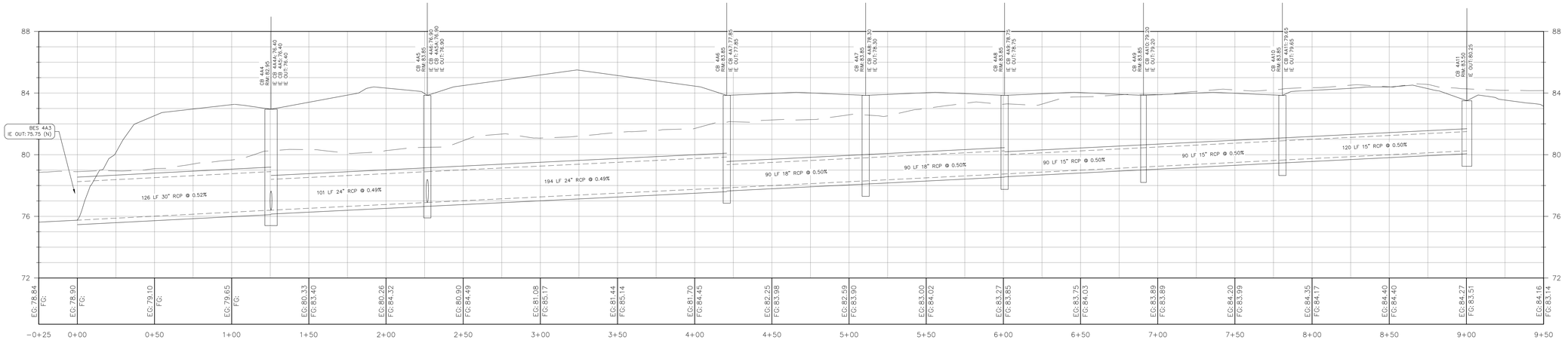

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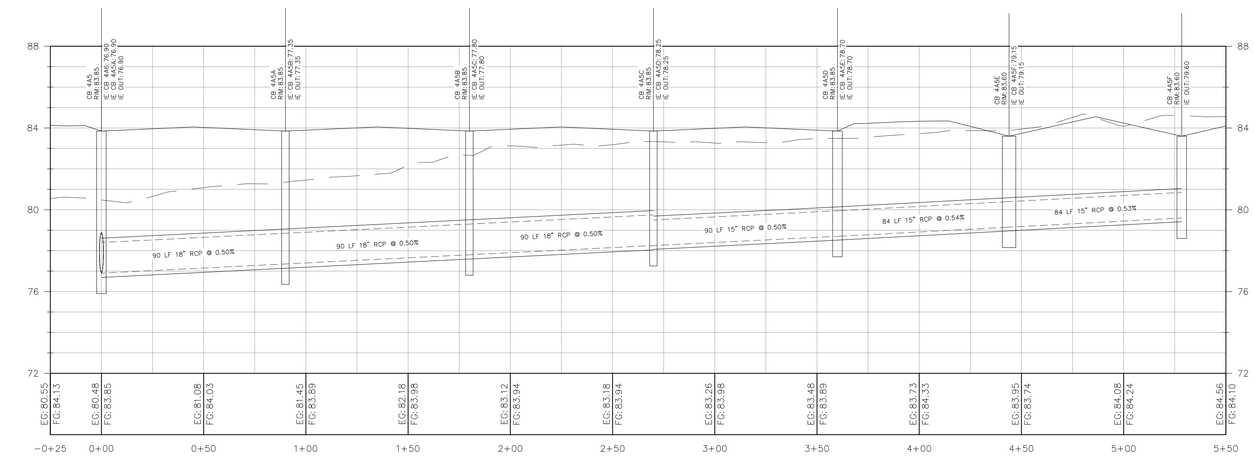

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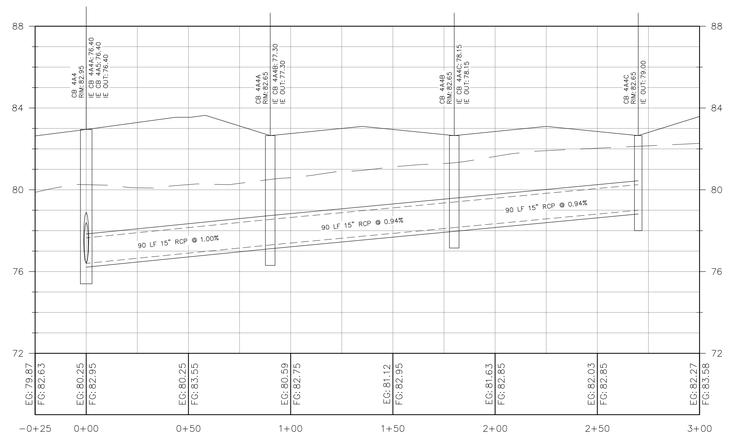
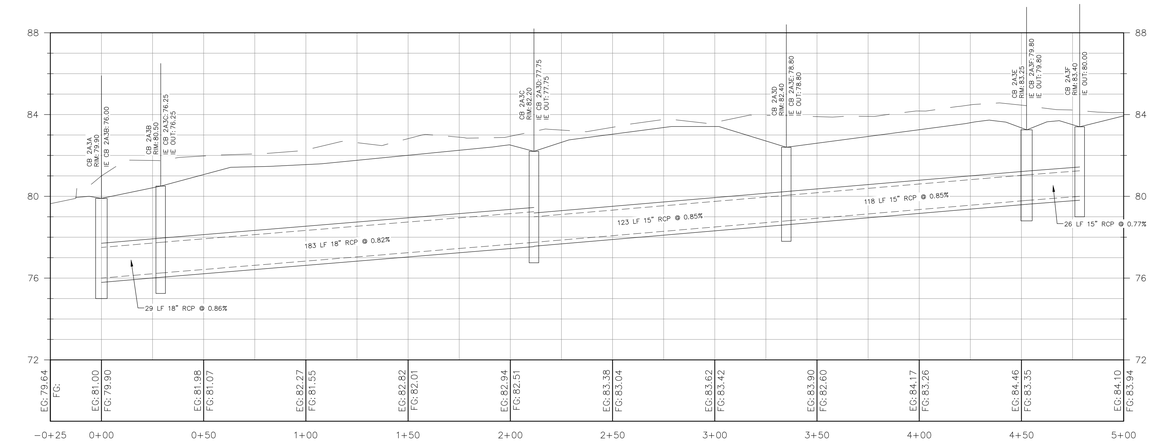


CB 4A4C – CB 4A4 PROFILE



CB 2A3E – CB 2A3A PROFILE

STORM DRAINAGE PROFILE NOTES:

1. SEE SHEET C001 FOR CIVIL NOTES AND ABBREVIATIONS.

DRAINAGE PROFILE LEGEND:

EXISTING GRADE

FINISHED GRADE

HYDRAULIC GRADE LINE

HORIZONTAL SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

VERTICAL SCALE

3 0 1.5 3 6 12

(IN FEET)
1 inch = 3 ft.

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No. 00253
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NORTH CAROLINA
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No. 35165
PROFESSIONAL ENGINEER
10/31/25
JANE WALKER HARDWICK

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LS3P PROJECT: 1201-217190
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STORM DRAINAGE PROFILES - BID ALTERNATE

C352

CONSTRUCTION DOCUMENTS

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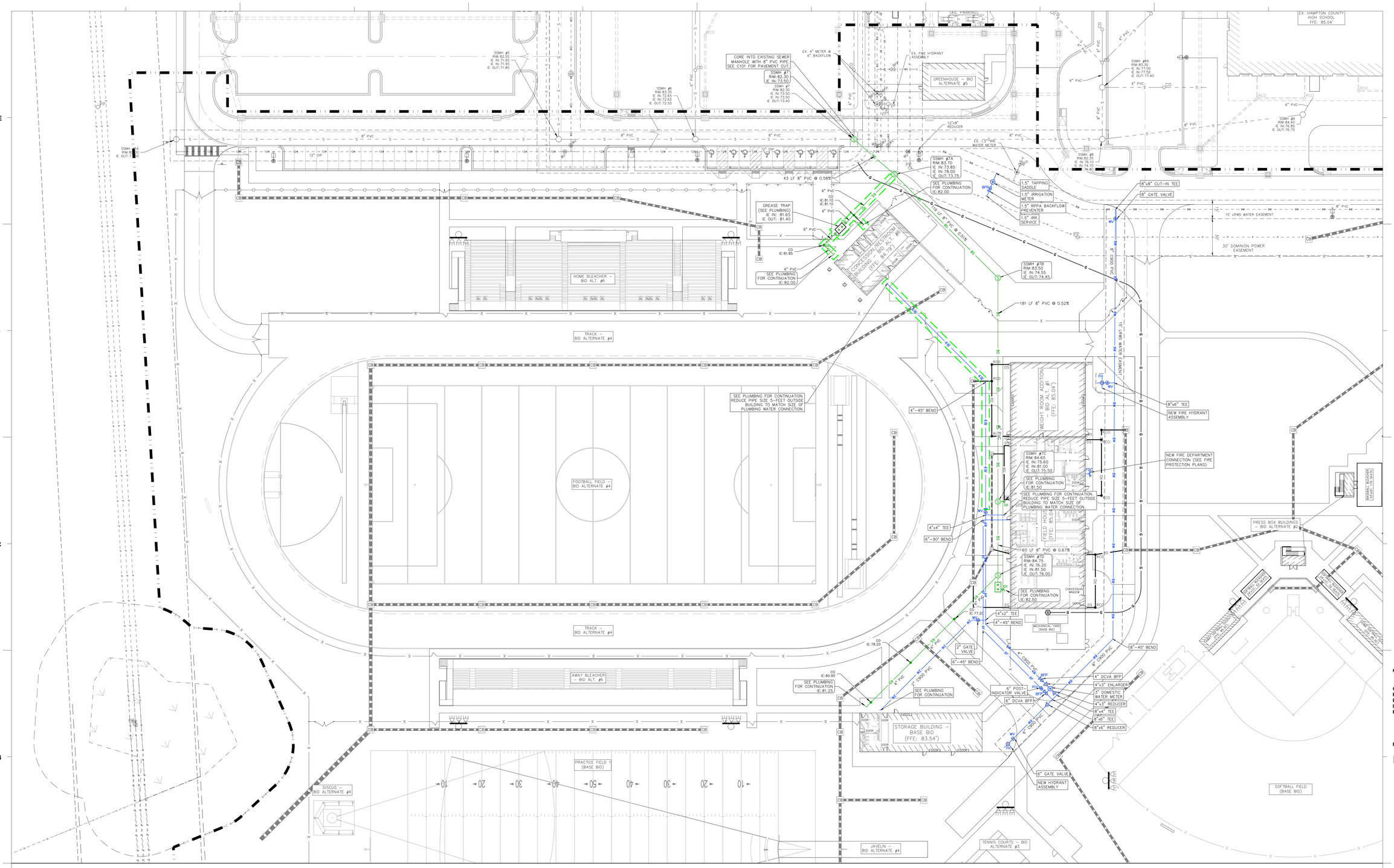

GENERAL NOTES:

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.

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 F/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

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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REVISIONS:

No.	Description	Date

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
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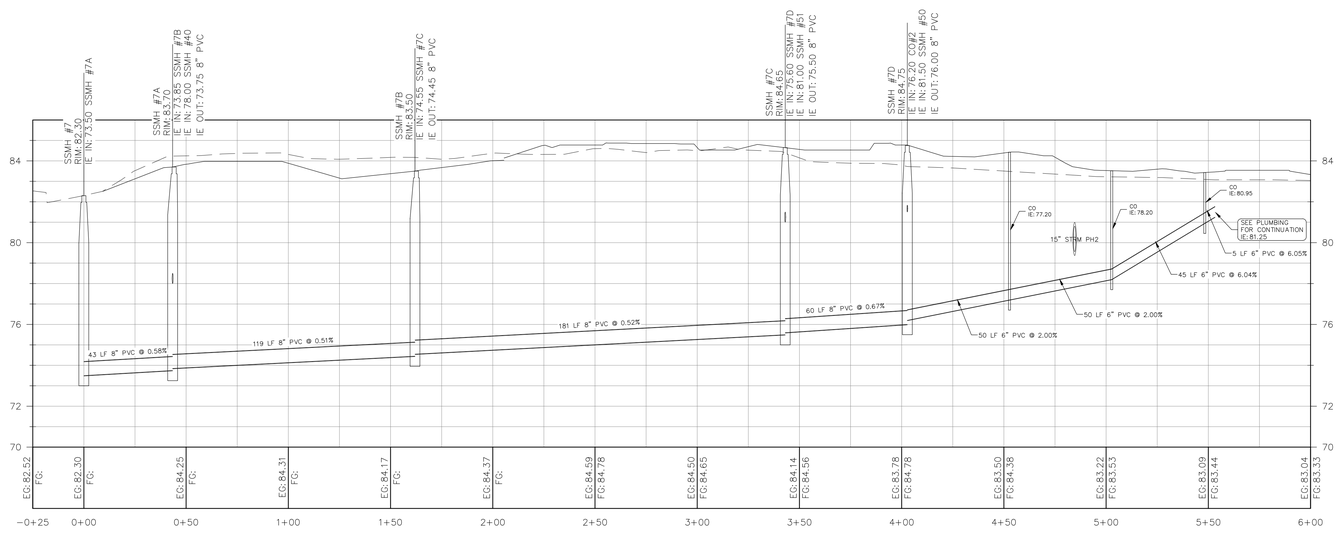

CO#7 – SSMH #7 PROFILE

STORM DRAINAGE PROFILE NOTES:

1. SEE SHEET C001 FOR CIVIL NOTES AND ABBREVIATIONS.

DRAINAGE PROFILE LEGEND:

EXISTING GRADE

FINISHED GRADE

HYDRAULIC GRADE LINE

HORIZONTAL SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

VERTICAL SCALE

2 0 1 2 4 8

(IN FEET)
1 inch = 2 ft.

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL No. 35165 10/31/25 RENE WALKER HARDWICK

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UTILITY PROFILES

C410

CONSTRUCTION DOCUMENTS

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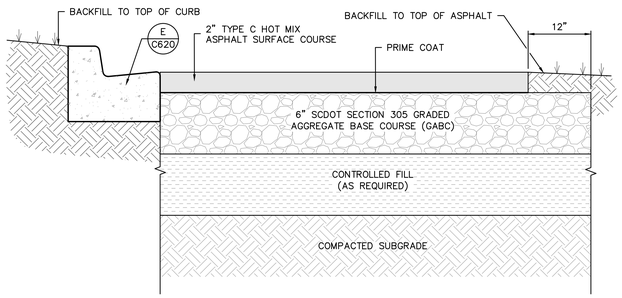
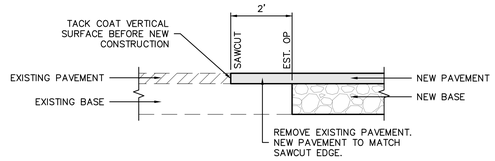
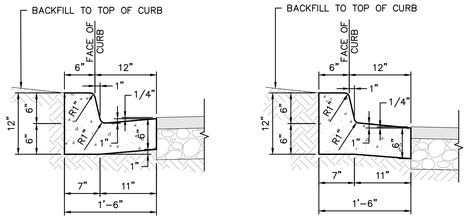


A TYPICAL ASPHALTIC CONCRETE PAVEMENT SECTION
NOT TO SCALE



D PAVEMENT TIE-IN TO EXISTING PAVEMENT
NOT TO SCALE



18" STANDARD

18" REVERSED PITCH

NOTES:

1. WHERE PAVEMENT SLOPE IS TOWARDS CURB, USE STANDARD.
2. WHERE PAVEMENT SLOPE IS AWAY FROM CURB, USE REVERSE PITCHED.
3. PLACE CONTRACTION JOINTS AT 10' INTERVAL (5' MIN.).
4. PLACE EXPANSION JOINTS AT 50' MAXIMUM INTERVALS AND WHERE NEW CURB ABUTS EXISTING CURBS OR STRUCTURES.
5. CURB & GUTTER SHALL BE IN ACCORDANCE WITH SCDOT STANDARD DRAWING NO. 720-105-01.

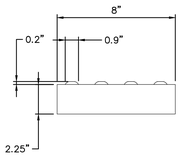
E 18" CURB AND GUTTER
NOT TO SCALE

GRADATION (GRADATION IN PERCENT PASSING)					
SIEVE	1 1/2"	1"	3/4"	1/2"	3/8"
%	100	90-100	20-55	0-10	0-5

NOTES:

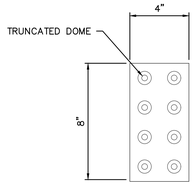
1. GRAVEL SHALL BE GRANITE, SLAG OR OTHER LOW DUST MATERIAL.
2. STEEL EDGING (WHERE GRAVEL DOES NOT ABUT CURB SHALL BE "BORDER KING" BY BORDER CONCEPTS OR APPROVED EQUAL. INSTALL IAW MANUFACTURERS REQUIREMENTS.
3. INSTALL GEOTEXTILE FABRIC IAW MANUFACTURER'S RECOMMENDATIONS.

G GRAVEL PAVEMENT SECTION
NOT TO SCALE



DETECTABLE WARNING NOTES:

1. DETECTABLE WARNING SHALL BE CONCRETE PAVERS. MATCH COLOR OF OTHER ON-SITE CONCRETE PAVERS.
2. INSTALL PAVERS ON 1" LATEX MODIFIED SETTING BED ON 4" CONCRETE SLAB.
3. INSTALL PAVERS IAW MANUFACTURER'S STANDARD INSTRUCTIONS.
4. PLACE ALL DETECTABLE WARNING SURFACES FLUSH WITH TOP OF SIDEWALK.

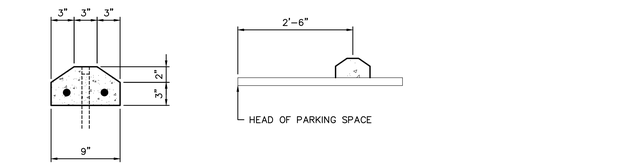


H DETECTABLE WARNING PAVER
NOT TO SCALE

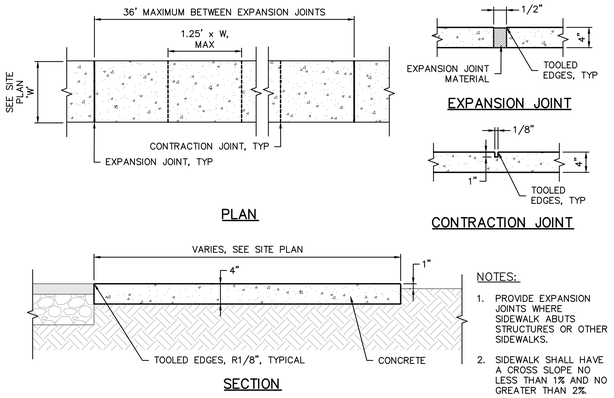
	T	B
HEAVY DUTY	6"	6"

PAVEMENT THICKNESS = T
BASE COURSE THICKNESS = B

B HEAVY DUTY PORTLAND CEMENT CONCRETE PAVEMENT SECTION
NOT TO SCALE



F CONCRETE WHEEL STOP DETAIL
NOT TO SCALE



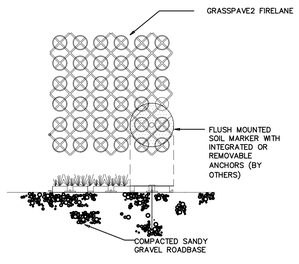
PLAN

SECTION

NOTES:

1. PROVIDE EXPANSION JOINTS WHERE SIDEWALK ABUTS STRUCTURES OR OTHER SIDEWALKS.
2. SIDEWALK SHALL HAVE A CROSS SLOPE NO LESS THAN 1% AND NO GREATER THAN 2%

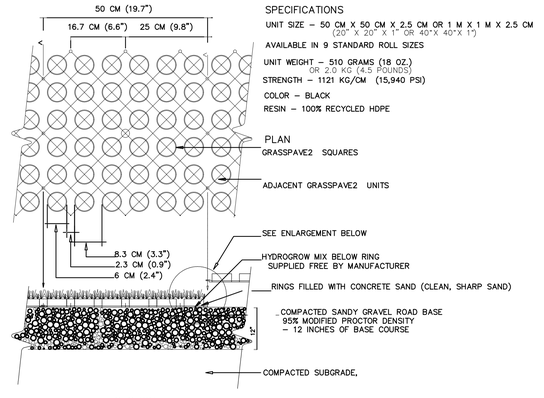
C SIDEWALK DETAIL
NOT TO SCALE

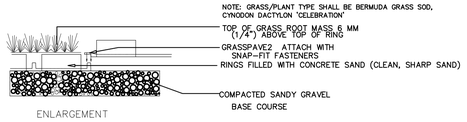


GRASSPAVE MARKING

NOTE:
REFER TO MANUFACTURERS SPECIFICATIONS FOR ADDITIONAL INSTALLATION REQUIREMENTS.

Invisible Structures, Inc.
1600 Jackson Street, Suite 310
Golden, CO 80401
800-233-1510 OR 303-373-1234
FAX: 303-373-1223
www.invisiblestructures.com





GRASSPAVE FIRE LANE INSTALLATION

J FIRE LANE GRASS PAVE DETAIL
NOT TO SCALE

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SOUTH CAROLINA
ADC ENGINEERING INC.
No. 00253
REGISTERED

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 35165
10/31/25
RYAN WALKER HARDWICK

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REVISIONS:

No.	Description	Date

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

CIVIL DETAILS - SITE

C620

CONSTRUCTION DOCUMENTS

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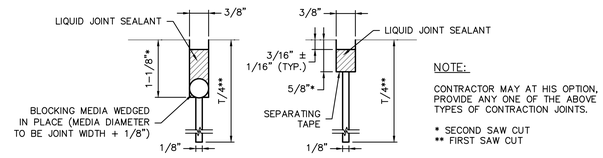
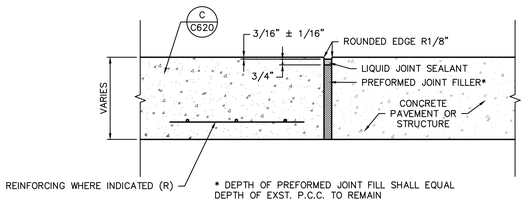


NOTE:

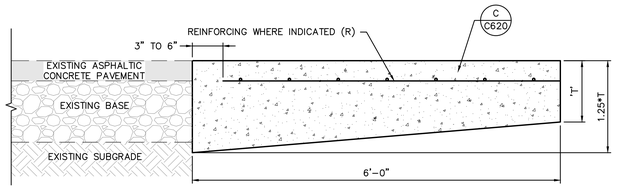
CONTRACTOR MAY AT HIS OPTION, PROVIDE ANY ONE OF THE ABOVE TYPES OF CONTRACTION JOINTS.

* SECOND SAW CUT
** FIRST SAW CUT

CONTRACTION JOINTS (CJ)



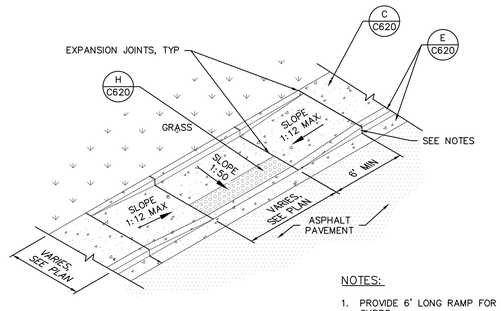
EXPANSION JOINT (EJ)



THICKENED EDGE (TE)

PAVEMENT THICKNESS = T

A PAVEMENT JOINTS
NOT TO SCALE



NOTES:

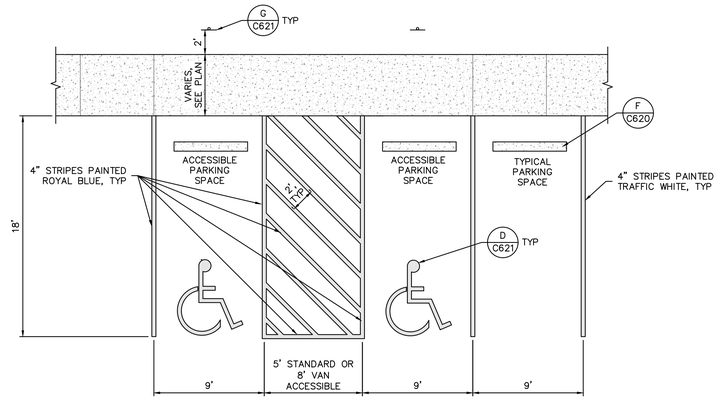
1. PROVIDE 6' LONG RAMP FOR 6" TALL CURBS.

TRANSITION RAMP

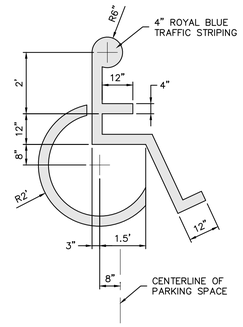
NOTES:

1. CONSTRUCT PER AMERICANS WITH DISABILITIES ACT STANDARDS.
2. REFER TO PLANS FOR ADJACENT SLOPES.
3. THE CROSS SLOPE OF THE RAMP SURFACE SHALL BE NO GREATER THAT 1:50.
4. THE SURFACE OF RAMP SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE ROUGHER THAN THE SURROUNDING SIDEWALK.
5. PROVIDE DETECTABLE WARNINGS AS SHOWN.

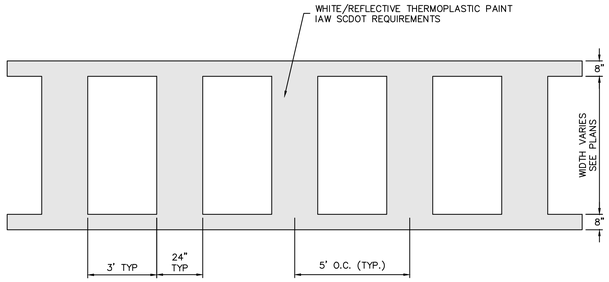
B ACCESSIBLE SIDEWALK RAMPS
NOT TO SCALE



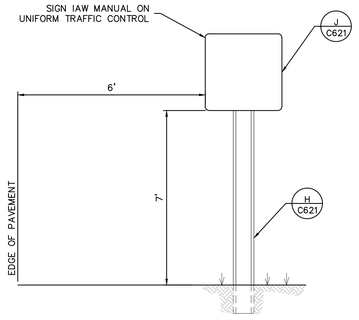
C ACCESSIBLE PARKING DETAIL
NOT TO SCALE



D INTERNATIONAL SYMBOL OF ACCESSIBILITY
NOT TO SCALE

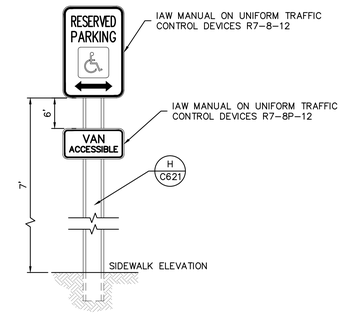


E CROSSWALK DETAIL
NOT TO SCALE

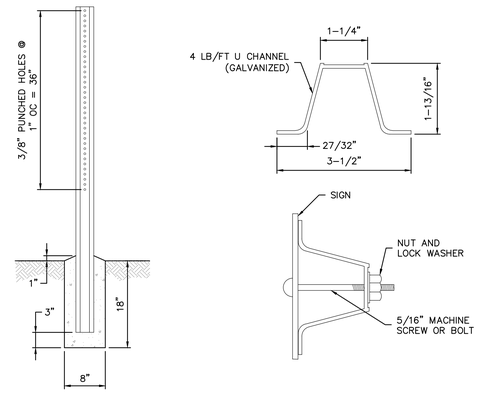


SCDOT SIGN AND POST NOTE:
SIGNS AND SIGN POSTS LOCATED AT DRIVEWAYS AND/OR LOCATED WITHIN THE SCDOT RIGHT-OF-WAY SHALL BE PLACED IAW SCDOT STANDARD DRAWING SECTION 650-000 AND INSTALLED ON APPROVED BREAKAWAY SIGN SUPPORTS AS DETAILED IN SECTION 654-000

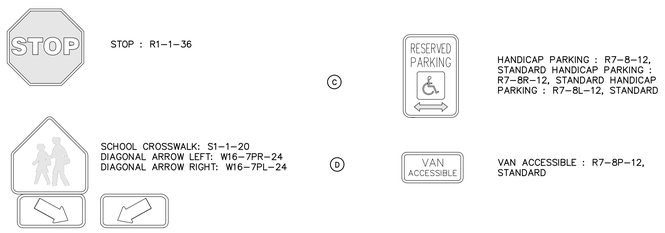
F STANDARD SIGN LOCATION DETAIL
NOT TO SCALE



G ACCESSIBLE PARKING SIGN
NOT TO SCALE



H SIGN POST DETAIL
NOT TO SCALE



NOTE:

SIGNS SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), AND THE SCDOT SUPPLEMENT TO THE MUTCD, BOTH CURRENT EDITIONS.

NOTE:

CONTRACTOR SHALL INSTALL SCDOT STANDARD 30"x36" SIGN FOR SIGN "U".

J MUTCD STANDARD SIGNS
NOT TO SCALE

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035165 — ADC ENGINEERING INC. No. 00253 — 10/31/25 — JAMES WALKER HARDIN III

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REVISIONS:

No.	Description	Date

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

CIVIL DETAILS - SITE

C621

CONSTRUCTION DOCUMENTS

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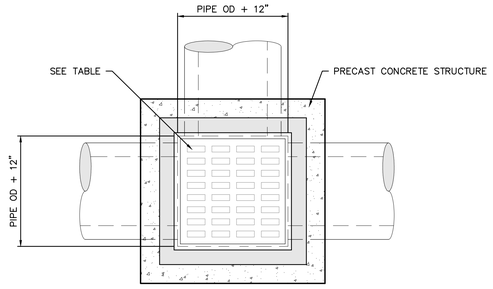
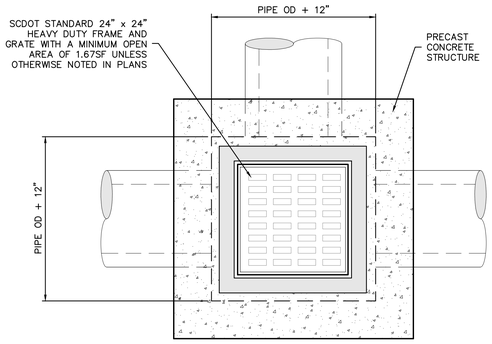


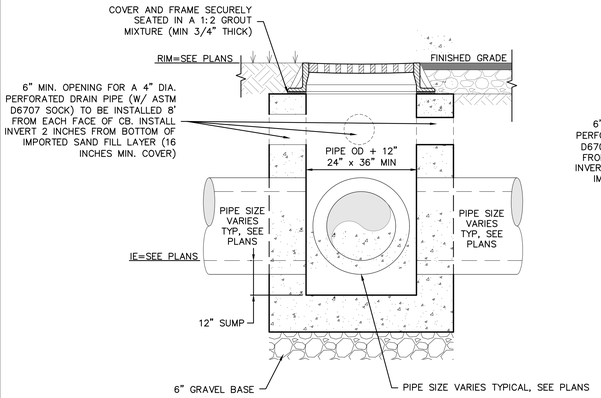
PLAN VIEW – CATCH BASIN WITHOUT SLAB TOP

FINISHED GRADE, PAVING, OR TURF NOT SHOWN THIS VIEW

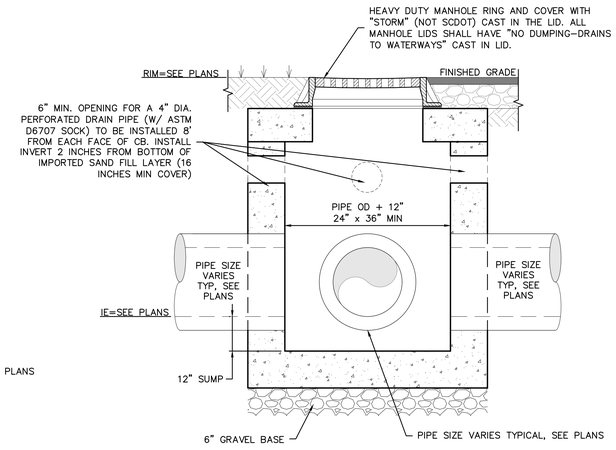


PLAN VIEW – CATCH BASIN WITH SLAB TOP

FINISHED GRADE, PAVING, OR TURF NOT SHOWN THIS VIEW



SECTION VIEW CATCH BASIN WITHOUT SLAB TOP



SECTION VIEW CATCH BASIN WITH SLAP TOP

NOTES:

1. PRECAST STRUCTURES SHALL BE DESIGNED BY MANUFACTURER FOR SOIL LOADING AND HS–20 TRAFFIC LOADING.
2. REFER TO PLANS AND PROFILES FOR RIM AND INVERT ELEVATIONS.
3. COVER AND FRAME SHALL BE TRAFFIC RATED WITH "NO DUMPING – DRAINS TO WATERWAYS" CAST INTO COVER.
4. FOR STRUCTURES GREATER THAN 4' IN DEPTH, PROVIDE STEPS AT 16" ON CENTER AND IN ACCORDANCE WITH SPECIFICATIONS.
5. WHERE A SPECIFIC GRATE IS NOT NOTED ON THE PLANS, INSTALL USF 4171 FRAME & 6249 GRATE, OR APPROVED EQUAL.
6. WHERE NOTED ON PLANS, "ADA GRATE" SHALL BE 24"x24" USF 4132 FRAME & 6001 GRATE, OR APPROVED EQUAL.
7. WHERE NOTED ON PLANS, "3'x3' GRATE" SHALL BE A 36"x36" USF 4175 & 6168–D GRATE, OR APPROVED EQUAL.

CB A CATCH BASIN DETAILS

NOT TO SCALE

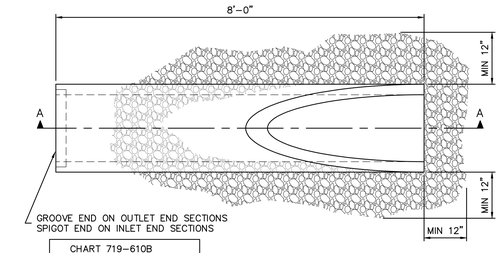
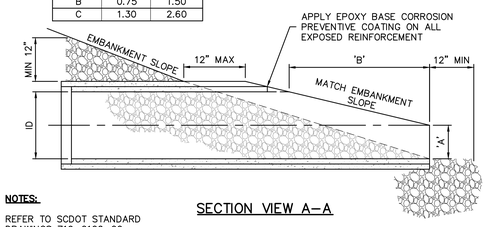


CHART 719–610B		
RIPRAP PLACEMENT		
CLASS	D_{50} (FT)	MINIMUM THICKNESS (FT)
B	0.75	1.50
C	1.30	2.60

PLAN VIEW



SECTION VIEW A–A

NOTES:

REFER TO SCDOT STANDARD DRAWINGS 719–6106–00.

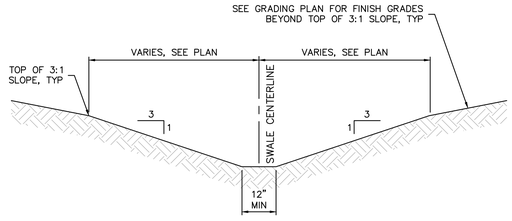
NOTES:

1. BEVELED END SECTIONS WILL BE MANUFACTURED IN ACCORDANCE WITH SCDOT SUPPLEMENTAL TECHNICAL SPECIFICATIONS SC–M–714. THESE SPECIAL PIPE SECTIONS WILL BE MADE DURING THE MANUFACTURING OF OTHER STATE APPROVED REINFORCED CONCRETE PIPE.
2. THE PIPE BEVEL MAY BE SAWED IN THE FIELD IN LIEU OF BEING MANUFACTURED. IN FIELD SAWING, THE PIPE OPENING MAY COME TO A POINT AT THE PIPE CREST RATHER THAN A RADIUS IF APPROVED BY THE PIPE MANUFACTURER. ALTERNATE PIPE FOR SIDELINES MUST HAVE EACH END BEVELED TO MATCH THE ADJACENT SLOPES.
3. PLACE RIPRAP AS DIRECTED BY THE RCE.
4. PAYMENT FOR BEVELED END SECTIONS WILL BE AS DIRECTED IN SC–M–714.

TABLE 719–610A					
	EMBANKMENT SLOPE				
	6:1	5:1	4:1	3:1	2:1
	6	5	4	3	2
I.D. (IN)	A (IN)	B (BEVELED LENGTH) (IN)			
15	6	54	45	36	27	18
18	9	54	45	36	27	18
24	10	NA	70	56	42	28
30	12	NA	NA	72	54	36
36	15	NA	NA	NA	63	42
42	20	NA	NA	NA	66	44
48	24	NA	NA	NA	72	48
54	24	NA	NA	NA	NA	60
60	24	NA	NA	NA	NA	72

C SCDOT END TREATMENT (RCP BEVELED END)

NOT TO SCALE

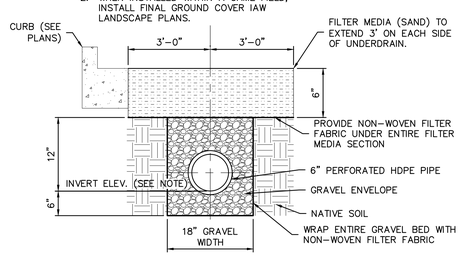


D TYPICAL SWALE SECTION

NOT TO SCALE

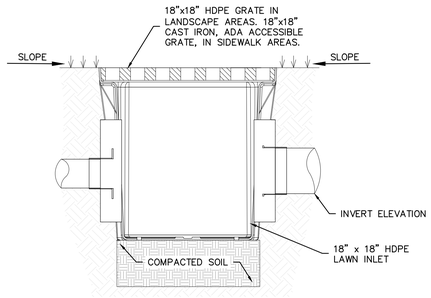
NOTE:

1. SEE STORM DRAINAGE PLAN FOR LOCATION OF UNDERDRAIN.
2. WHEN INSTALLED WITHIN A GAME FIELD, INSTALL FINAL GROUND COVER IAW LANDSCAPE PLANS.



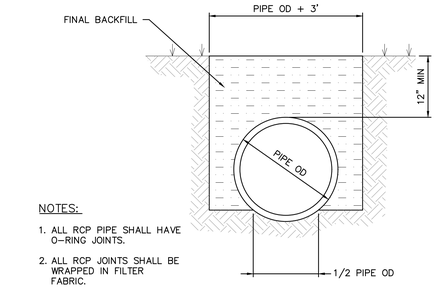
E UNDERDRAIN SECTION DETAIL

NOT TO SCALE



F LAWN INLET

NOT TO SCALE



NOTES:

1. ALL RCP PIPE SHALL HAVE O–RING JOINTS.
2. ALL RCP JOINTS SHALL BE WRAPPED IN FILTER FABRIC.

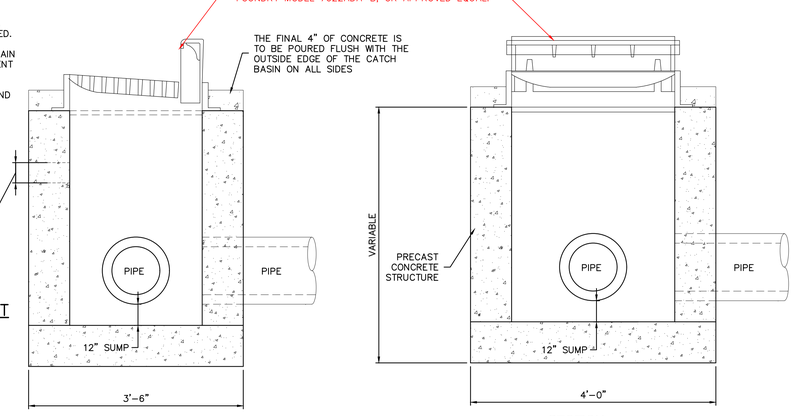
1/2 PIPE OD

B REINFORCED CONCRETE PIPE TRENCH

NOT TO SCALE

NOTES:

1. REFER TO SCDOT STANDARD DRAWINGS 719–001–01 TO 719–001–05 FOR CATCH BASIN TYPE 1.
2. REFER TO NOTE ON DETAIL REGARDING ADA ACCESSIBLE FRAME & GRATES BEING UTILIZED.
3. CONTRACTOR SHALL OFFSET TEMPORARY DRAIN OPENING TO AVOID CONFLICT WITH PERMANENT DRAIN PIPES.
4. REFER TO PLANS AND PROFILES FOR RIM AND INVERT ELEVATIONS.



G HOODED CURB INLET

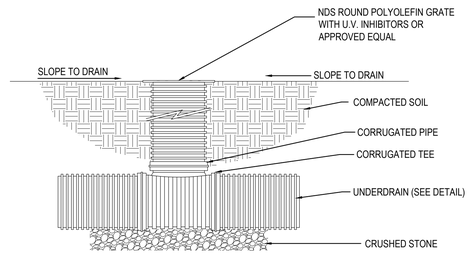
NOT TO SCALE

SECTION

SECTION

NOTES:

1. INSTALL 8" NDS ROUND GRATE, ADA ACCESSIBLE, OR APPROVED EQUAL.
2. INSTALL COLOR GREEN GRATE.



H 8" FIELD DRAIN

NOT TO SCALE

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

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 35165 10/31/25 JOHN WALKER HARRELSON

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REVISIONS:

No.	Description	Date

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

CIVIL DETAILS - STORM DRAINAGE

C630

CONSTRUCTION DOCUMENTS

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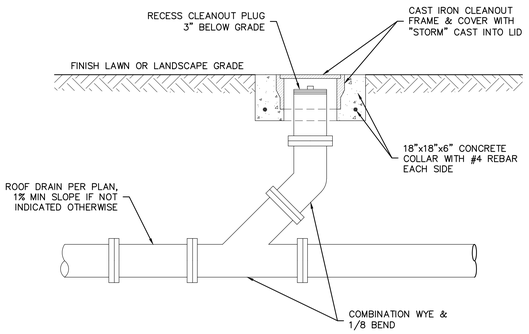
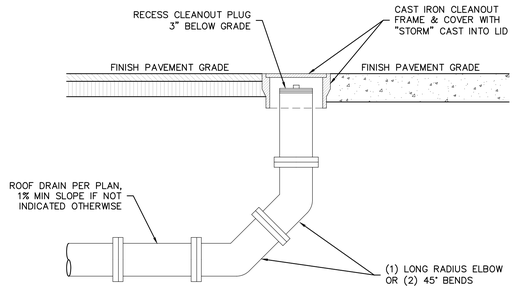
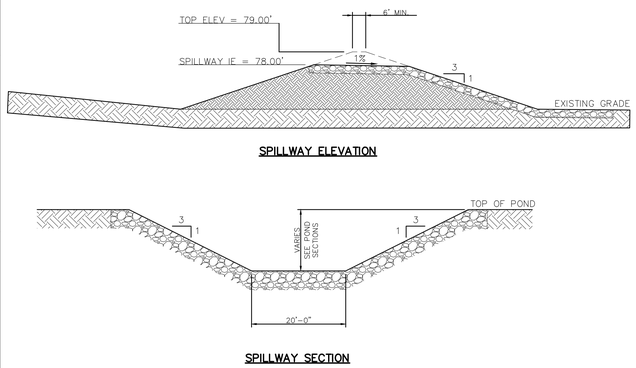


ROOF DRAIN CLEANOUT IN LANDSCAPED AREA



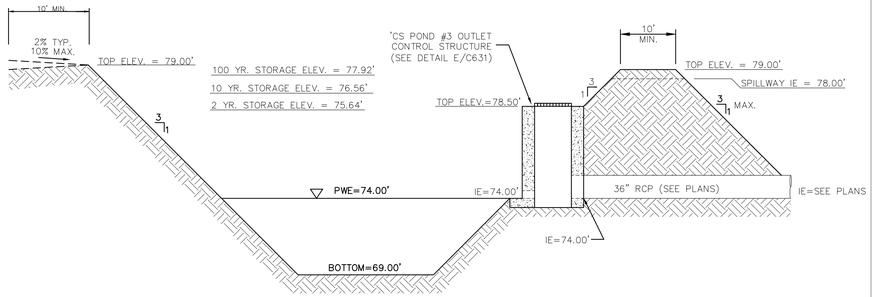
ROOF DRAIN CLEANOUT IN PAVED AREA

(A) ROOF DRAIN DETAILS
NOT TO SCALE

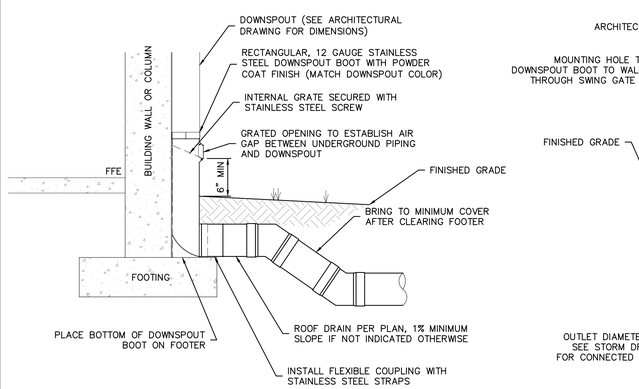


SPILLWAY ELEVATION

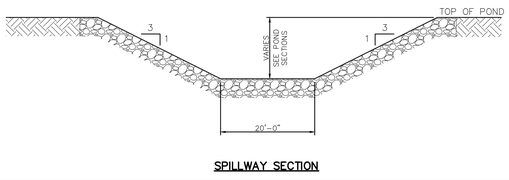
SPILLWAY SECTION



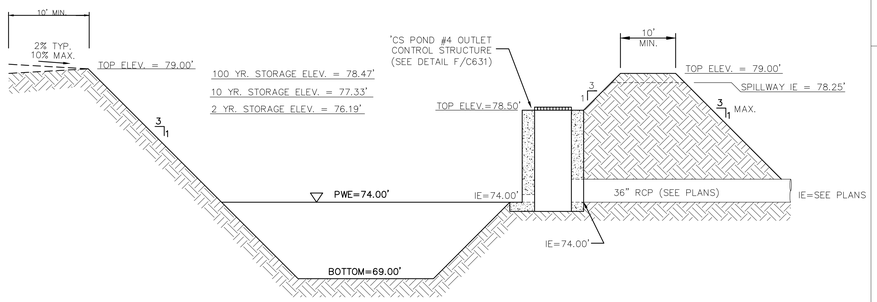
(B) WET POND SECTION – POND #3
NOT TO SCALE



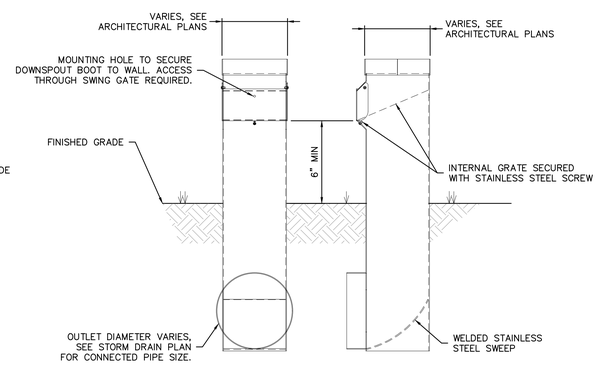
SPILLWAY ELEVATION



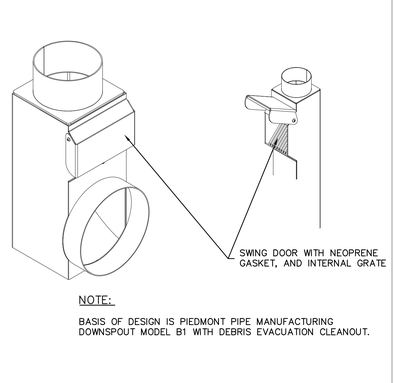
SPILLWAY SECTION



(C) WET POND SECTION – POND #4
NOT TO SCALE

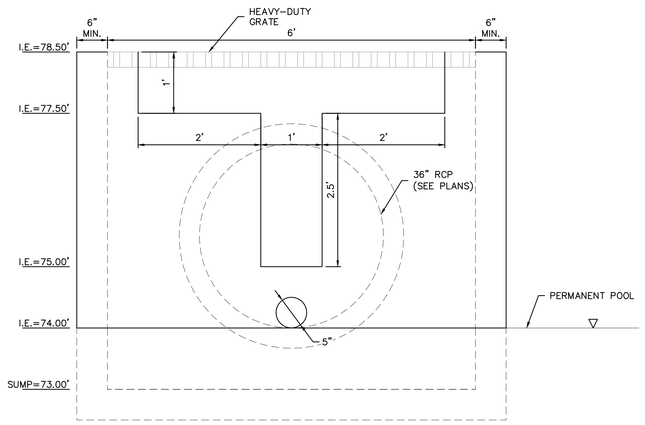


(D) BOOT DOWNSPOUT DETAILS
NOT TO SCALE

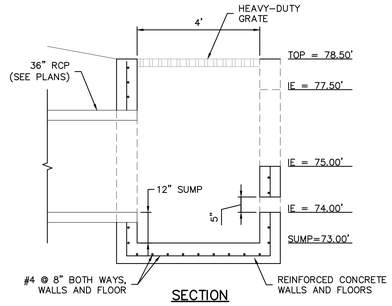


NOTE:

BASIS OF DESIGN IS PIEDMONT PIPE MANUFACTURING DOWNSPOUT MODEL B1 WITH DEBRIS EVACUATION CLEANOUT.

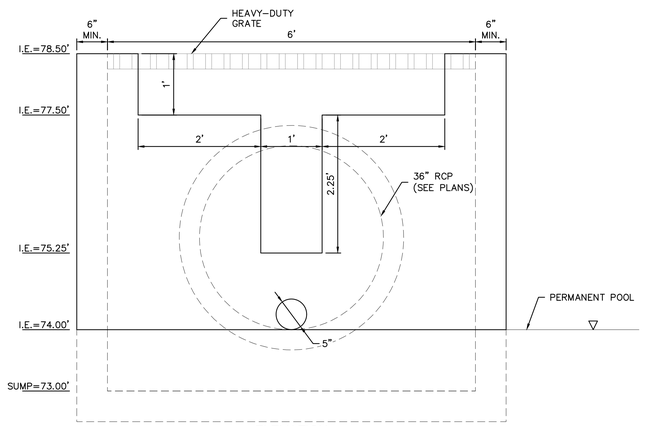


ELEVATION

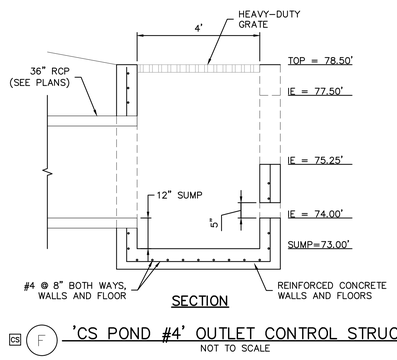


SECTION

(CS) (E) 'CS POND #3' OUTLET CONTROL STRUCTURE
NOT TO SCALE



ELEVATION



SECTION

(CS) (F) 'CS POND #4' OUTLET CONTROL STRUCTURE
NOT TO SCALE

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035165 ADC ENGINEERING INC. No. 00253 RYAN WALKER HADWAY

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL No. 35165 RYAN WALKER HADWAY 10/31/25

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REVISIONS:

No.	Description	Date

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

CIVIL DETAILS - STORM DRAINAGE

C631

CONSTRUCTION DOCUMENTS

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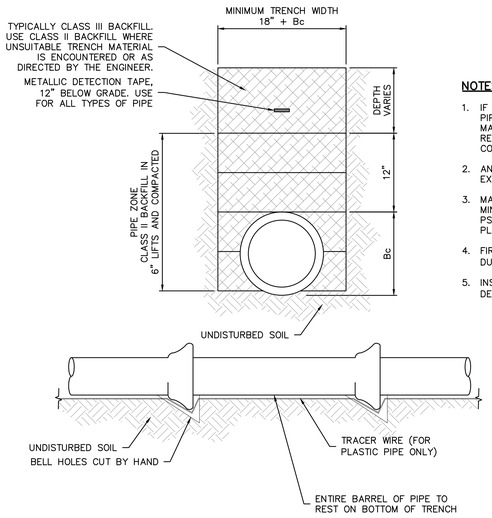
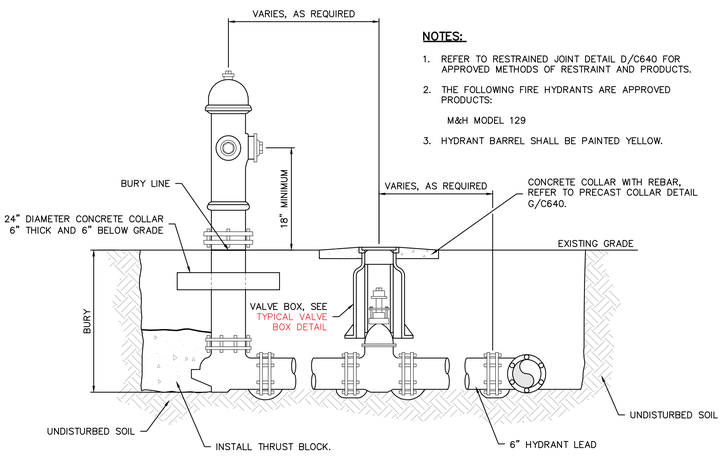


NOTES:

1. IF UNSUITABLE MATERIAL BENEATH FINAL PIPE GRADE IS ENCOUNTERED, SUCH MATERIAL SHALL BE REMOVED AND REPLACED WITH CRUSHED STONE AND COMPACTED TO PROPER GRADE.
2. ANY DEBRIS ENCOUNTERED IN TRENCH EXCAVATION SHALL BE REMOVED.
3. MATERIAL SHALL BE C900 PVC, DR 25, MINIMUM PRESSURE CLASS RATING 165 PSI, UNLESS NOTED OTHERWISE ON THE PLANS.
4. FIRE SERVICE & FDC LINES SHALL BE DUCTILE IRON (DIP).
5. INSTALL TRACER WIRE FOR PVC PIPE IAW DETAIL G/C640.

A WATER MAIN BEDDING
NOT TO SCALE

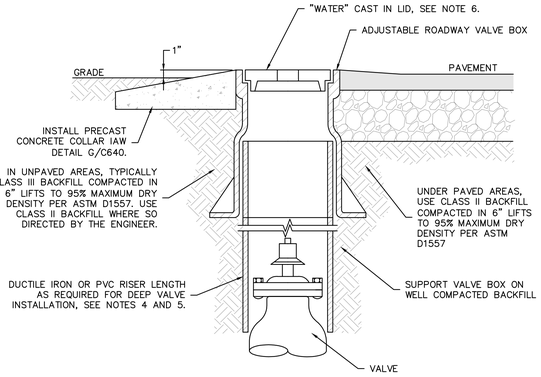


NOTES:

1. REFER TO RESTRAINED JOINT DETAIL D/C640 FOR APPROVED METHODS OF RESTRAINT AND PRODUCTS.
2. THE FOLLOWING FIRE HYDRANTS ARE APPROVED PRODUCTS:

   M&H MODEL 129
3. HYDRANT BARREL SHALL BE PAINTED YELLOW.

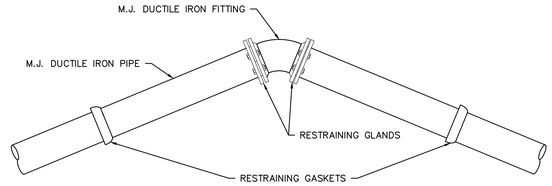
B TYPICAL HYDRANT INSTALLATION
NOT TO SCALE



NOTES:

1. CENTER VALVE BOX OVER OPERATING NUT TO ENSURE FREE VALVE OPERATION.
2. USE 6" RISER PIPE ON 4" AND 6" VALVES.
3. USE 8" RISER PIPE ON 8" VALVES AND LARGER.
4. DO NOT ALLOW VALVE BOX OR RISER TO REST ON ANY PORTION OF THE VALVE.
5. RISER LENGTH AS REQUIRED WITH VALVE BOX ADJUSTED FULLY DOWN. VALVE BOX SHALL BE ADJUSTED UP TO MATCH FINISH PAVEMENT ELEVATION OR 1" ABOVE FINISH GRADE.
6. IF VALVE BOX IS USED WITH GATE VALVE AS AN ALTERNATIVE TO A FIRE SERVICE POST INDICATOR VALVE, THE UPPER BOX INTERIOR AND LID SHALL BE PAINTED RED AND "FIRE" SHALL BE CAST IN LID.
7. THE FOLLOWING VALVE BOXES ARE APPROVED PRODUCTS:
   - TYLER UNION #6850 SERIES
   - BINGHAM & TAYLOR #4905 SERIES (U.S. ONLY)
   - AFC BOX WITH EXTERNAL STEM AND LOCKING LID
   - EAST JORDAN IRONWORKS #8550 SERIES

C TYPICAL VALVE BOX
NOT TO SCALE



NOTES:

1. THE FOLLOWING CONDITIONS WERE USED TO CALCULATE THE RESTRAINED LENGTHS SHOWN IN THE TABLE:
   - LAYING CONDITION IS TYPE 3
   - SOIL DESIGNATED AS SAND–SILT
   - DEPTH IS 3 FEET
   - DESIGN PRESSURE (TEST) IS 150 P.S.I.
   - SAFETY FACTOR IS 1.5
   - PIPE IS POLYETHYLENE ENCASED
2. THE FOLLOWING RESTRAINING GLANDS AND GASKETS ARE APPROVED PRODUCTS:

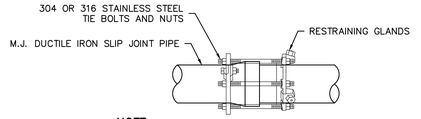
   FOR DUCTILE IRON PIPE:
   - AMERICAN CAST IRON PIPE – FAST GRIP, FLEX–RING, FIELD FLEX–RING OR LOCK–RING
   - US PIPE – TR FLEX OR FIELD LOK 350 GASKETS
   - GRIFFIN PIPE – SNAP–LOK RESTRAINED JOINT OR TALON RJ GASKET
   - EBAA – MEGALUG RESTRAINT GLAND
   - FORD – SERIES 1400 RESTRAINT GLAND
   - SIGMA – ONE–LOCK SERIES SLD RESTRAINT GLAND
   - MCWANE – SURE STOP 350 RESTRAINT GASKET

   FOR PVC PIPE:
   - EBAA – MEGALUG SERIES 2000PV
   - FORD – SERIES 1500 WILL BE USED ON EXISTING PVC PIPE

*RESTRAINT JOINT TABLE RESTRAIN ALL JOINTS WITHIN THESE LENGTHS (IN LINEAR FEET EACH SIDE OF THE FITTING)							
SIZE	11–1/4"	22–1/2"	45°	90°	TEE BRANCH	DEAD END	REDUCER
4"	2	5	10	24	38	61	44
6"	4	7	14	33	64	85	47
8"	5	9	18	44	91	111	45
10"	6	11	22	52	113	132	46
12"	6	12	25	60	133	155	84
16"	8	16	32	76	177	198	84
20"	9	18	38	91	218	238	83
24"	11	21	43	104	255	277	116

*RESTRAINED JOINTS SHALL BE IN ACCORDANC4E WITH THE DUCTILE IRON PIPE RESEARCH ASSOCIATION (DIPRA) STANDARDS FOR ALL FITTINGS. FITTINGS OF OTHER SIZES, CHANGES IN CONDITIONS, ETC. NOT IN THIS TABLE SHALL BE IN ACCORDANCE WITH DIPRA STANDARDS.

D RESTRAINED JOINT FITTING (HORIZONTAL PIPE ONLY)
NOT TO SCALE



NOTE:

CLAMP ASSEMBLY TO BE POLYWRAPPED AND TAPED.

NOTES:

1. THE FOLLOWING CONDITION WERE USED TO CALCULATE THE RESTRAINED LENGTH SHOWN IN THE TABLE:
   - LAYING CONDITION IS TYPE 3
   - SOIL DESIGNATED AS SAND–SILT
   - DEPTH IS 3 FEET
   - DESIGN PRESSURE (TEST) IS 150 P.S.I.
   - SAFETY FACTOR IS 1.5
   - PIPE IS POLYETHYLENE ENCASED
2. FOR THE TEE BRANCH AND REDUCER, LENGTHS ARE BASED ON BRANCHING AND REDUCING FROM THE NEXT LARGER SIZE IN THE TABLE. TEE BRANCH LENGTH BASED ON RUN LENGTH TO FIRST JOINT OF THE 10 FEET DEVIATIONS FROM THESE CONDITIONS MUST BE BASED ON THE ABOVE PARAMETERS.
3. THE FOLLOWING RESTRAINING GLANDS AND CLAMP ASSEMBLIES ARE APPROVED PRODUCTS:
   - EBAA –1500 TD FOR DUCTILE IRON AND PVC PIPE UP TO 12"
   - EBAA – 1100 HD FOR DUCTILE IRON PIPE 10" AND GREATER
   - FORD – UFR SERIES 1490

*RESTRAINT JOINT TABLE RESTRAIN ALL JOINTS WITHIN THESE LENGTHS (IN LINEAR FEET EACH SIDE OF THE FITTING)							
SIZE	11–1/4"	22–1/2"	45°	90°	TEE BRANCH	DEAD END	REDUCER
4"	2	5	10	24	38	61	44
6"	4	7	14	33	64	85	47
8"	5	9	18	44	91	111	45
10"	6	11	22	52	113	132	46
12"	6	12	25	60	133	155	84
16"	8	16	32	76	177	198	84
20"	9	18	38	91	218	238	83
24"	11	21	43	104	255	277	116

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E TYPICAL BELL JOINT CLAMP
(FOR RESTRAINING EXISTING PIPE ONLY)
NOT TO SCALE

NOTES:

1. THE FOLLOWING CONDITION WERE USED TO CALCULATE THE RESTRAINED LENGTH SHOWN IN THE TABLE:
   - LAYING CONDITION IS TYPE 3
   - SOIL DESIGNATED AS SAND–SILT
   - DEPTH IS 3 FEET
   - DESIGN PRESSURE (TEST) IS 150 P.S.I.
   - SAFETY FACTOR IS 1.5
   - PIPE IS POLYETHYLENE ENCASED

FOR THE TEE BRANCH AND REDUCER, LENGTHS ARE BASED ON BRANCHING AND REDUCING FROM THE NEXT LARGER SIZE IN THE TABLE. TEE BRANCH LENGTH BASED ON RUN LENGTH TO FIRST JOINT OF THE 10 FEET DEVIATIONS FROM THESE CONDITIONS MUST BE BASED ON THE ABOVE PARAMETERS.

2. THE FOLLOWING RESTRAINING GLANDS AND GASKETS ARE APPROVED PRODUCTS:

   FOR DUCTILE IRON PIPE:
   - AMERICAN CAST IRON PIPE – FAST GRIP, FLEX–RING, FIELD FLEX–RING OR LOCK–RING
   - US PIPE – TR FLEX OR FIELD LOK 350 GASKETS
   - GRIFFIN PIPE – SNAP–LOK RESTRAINED JOINT OR TALON RJ GASKET
   - EBAA – MEGALUG RESTRAINT GLAND
   - FORD – SERIES 1400 RESTRAINT GLAND
   - SIGMA – ONE–LOCK SERIES SLD RESTRAINT GLAND
   - MCWANE – SURE STOP 350 RESTRAINT GASKET

   FOR PVC PIPE:
   - EBAA – MEGALUG SERIES 2000PV
   - FORD – SERIES 1500 WILL BE USED ON EXISTING PVC PIPE

*RESTRAINT JOINT TABLE RESTRAIN ALL JOINTS WITHIN THESE LENGTHS (IN LINEAR FEET EACH SIDE OF THE FITTING)							
SIZE	11–1/4"	22–1/2"	45°	90°	TEE BRANCH	DEAD END	REDUCER
4"	2	5	10	24	38	61	44
6"	4	7	14	33	64	85	47
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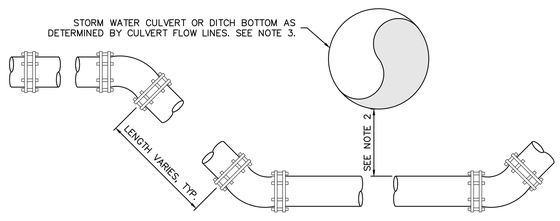
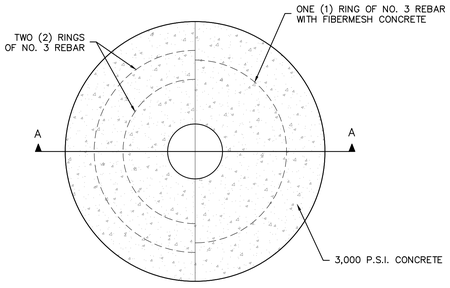


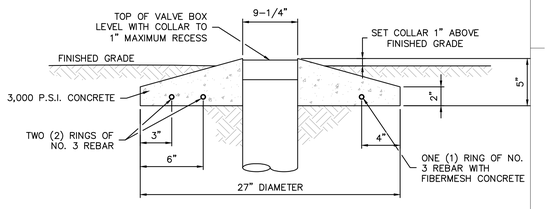
NOTES:

1. DO NOT PLACE STONE UNDER CULVERT IN DIRECT CONTACT WITH POLYWRAP ON WATER MAIN.
2. 36" MINIMUM CLEARANCE PER PUBLIC AGENCY PERMITS. 18" CLEARANCE UNDER STORM DRAIN LINES ON PRIVATE PROPERTY.
3. MAIN SHALL BE IN 10 LINEAR FOOT CASING WITH SPACERS WHEN UNDER ANY DRAIN LINES GREATER THAN 24" OR A DITCH DRAINING INTO SUCH A STORM DRAIN LINE. NO JOINTS ARE ALLOWED IN CASING.

F VERTICAL OFFSET



PLAN



SECTION A–A

NOTE:

1. NO PRECAST CONCRETE COLLAR IS NEEDED IF VALVE BOX IS LOCATED IN A PAVED OR CONCRETE AREA.

G PRECAST CONCRETE COLLAR
NOT TO SCALE

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035165 ADC ENGINEERING INC. No. 00253 REGISTERED 1977

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL No. 35165 RYAN WALKER HADDWAY 10/31/25

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CIVIL DETAILS - WATER

C640

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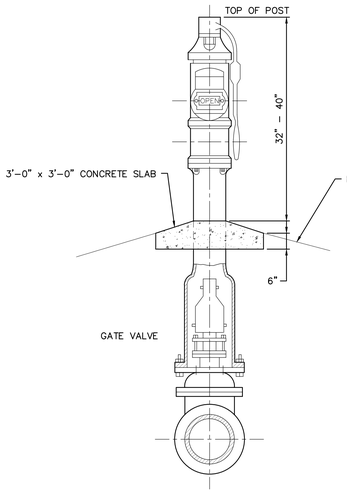


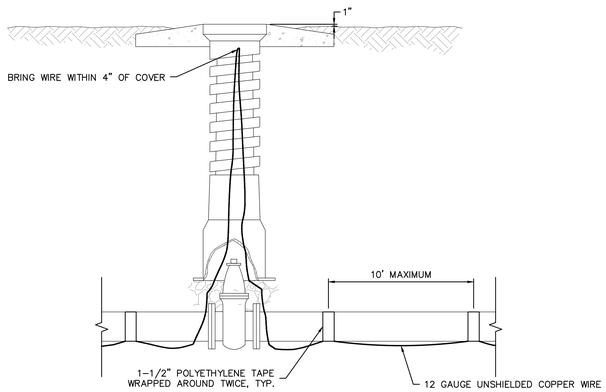
NOTES:

1. NEW INDICATOR POST SHALL CONFORM TO UNDERWRITERS LABORATORY STANDARD UL-789.
2. POST INDICATOR VALVE SHALL HAVE A TAMPER SWITCH WIRED TO THE FIRE ALARM CONTROL PANEL (SEE ELECTRICAL DRAWINGS).

A POST INDICATOR VALVE
NOT TO SCALE

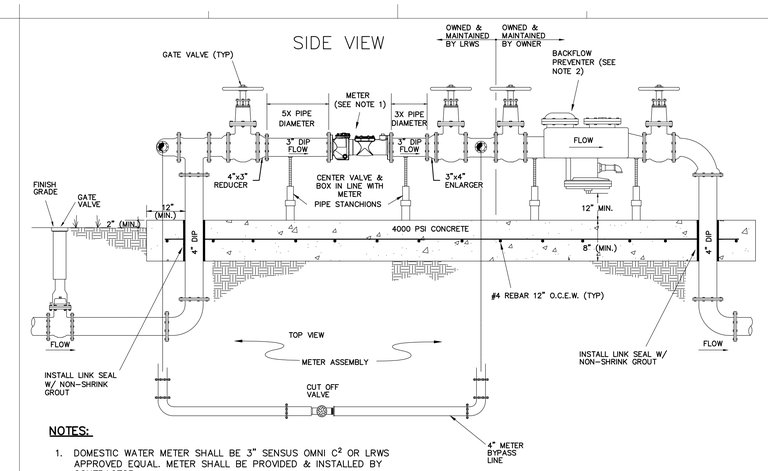
WATER SYSTEM NOTES: B

1. WATER INSTALLATION SHALL BE IN ACCORDANCE WITH "TEN STATES STANDARDS" AND SCDHEC REGULATIONS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ALL TAPS. TAPS REQUIRING A SLEEVE SHALL BE NO CLOSER TO A JOINT THAN FOUR FEET.
3. THRUST BLOCKING SHALL BE USED ONLY ON WET TAPS. CONTRACTOR SHALL NOTIFY LRWS A MINIMUM OF 72 HOURS (THREE FULL WORKING DAYS) PRIOR TO MAKING ANY WET TAP.
4. ROUGH GRADING SHALL BE DONE PRIOR TO INSTALLATION OF WATER MAINS.
5. CONTRACTOR SHALL MAINTAIN BETWEEN 36" – 48" COVER OVER PIPE.
6. ALL VALVE AND HYDRANTS SHALL OPEN COUNTERCLOCKWISE UNLESS OTHERWISE SPECIFIED.
7. RESTRAINED LENGTHS SHALL BE IN MULTIPLES OF A FULL LENGTH OF PIPE.
8. USE 45° OR FLATTER BENDS WHEN GOING UNDER RCP AND DO NOT INSTALL VALVES, HYDRANTS, OR SERVICES ON DEEP PIPE SECTIONS.
9. WHERE POSSIBLE HORIZONTAL WATERLINES SHALL BE DEFLECTED IN LIEU OF USING BENDS. DEFLECTIONS SHALL NOT EXCEED 75% OF MANUFACTURER'S SPECIFICATIONS.
10. WHERE WATER AND SANITARY SEWER LINES CROSS WITHIN 18", THE LINE LAID LAST SHALL HAVE A FULL LENGTH OF PIPE INSTALLED WITH ITS MIDPOINT VERTICALLY IN LINE WITH THE OTHER LINE. THE CROSSING SHALL BE AT NOT LESS THAN A 45° ANGLE.
11. COORDINATE INSPECTION OF THE BACKFLOW DEVICES WITH LRWS & ENGINEER. WATER SERVICE SHALL NOT BE TURNED ON UNTIL ALL BACKFLOW DEVICES HAVE PASSED INSPECTION.



C TRACER WIRE FOR PLASTIC OR HDPE WATER PIPING
NOT TO SCALE

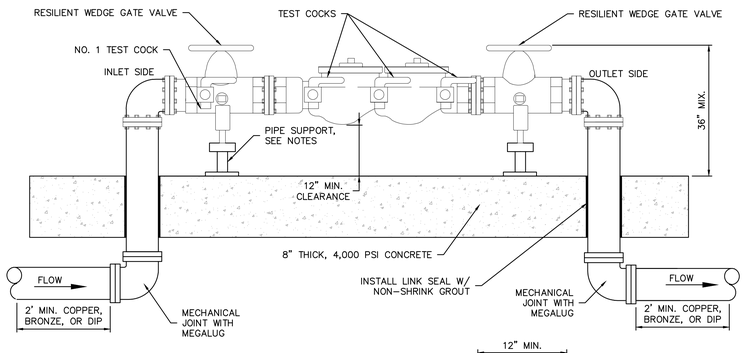
D FIRE SPRINKLER STUB-IN
NOT TO SCALE



NOTES:

1. DOMESTIC WATER METER SHALL BE 3" SENSUS OMNI C^2 OR LRWS APPROVED EQUAL. METER SHALL BE PROVIDED & INSTALLED BY CONTRACTOR.
2. BACKFLOW PREVENTER SHALL BE AN SCDHEC APPROVED DEVICE. BACKFLOW PREVENTER SHALL BE 4" ZURN MODEL 350AST DOUBLE CHECK VALVE ASSEMBLY (DCVA) OR LRWS APPROVED EQUAL. BACKFLOW PREVENTER SHALL BE PROVIDED & INSTALLED BY CONTRACTOR.
3. ALL FITTINGS BELOW GRADE SHALL BE MJ TYPE. ALL FITTINGS ABOVE GRADE SHALL BE FLANGED TYPE.
4. INSULATE BYPASS LINE AND ASSOCIATED FITTINGS WITH 1" THICK ASTM C547 FIBERFLASS PIPE INSULATION WITH ASTM C1136 VAPOR BARRIER JACKET COMPLETE WITH PVC FITTING COVERS.

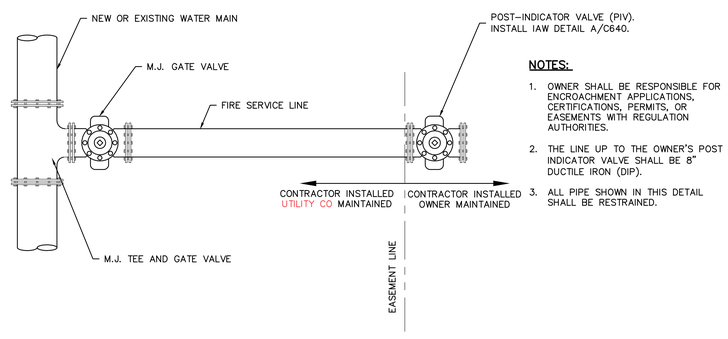
E ABOVE GROUND DOMESTIC WATER METER & BACKFLOW INSTALLATION DETAIL
NOT TO SCALE



NOTES:

1. CONCRETE SLAB STABILIZES SUPPORTS BETWEEN BACKFLOW AND GROUND.
2. 4" OR GREATER BACKFLOW ASSEMBLY SHALL REQUIRE PIPE SUPPORT.
3. BACKFLOW PREVENTER SHALL BE AN SCDHEC APPROVED DEVICE. BACKFLOW PREVENTER SHALL BE 6" ZURN MODEL 350ASTDA DOUBLE CHECK DETECTOR ASSEMBLY (DCDA) OR LRWS APPROVED EQUAL. BACKFLOW PREVENTER SHALL BE PROVIDED & INSTALLED BY CONTRACTOR.
4. ALL FITTINGS BELOW GRADE SHALL BE MJ TYPE. ALL FITTINGS ABOVE GRADE SHALL BE FLANGED TYPE.

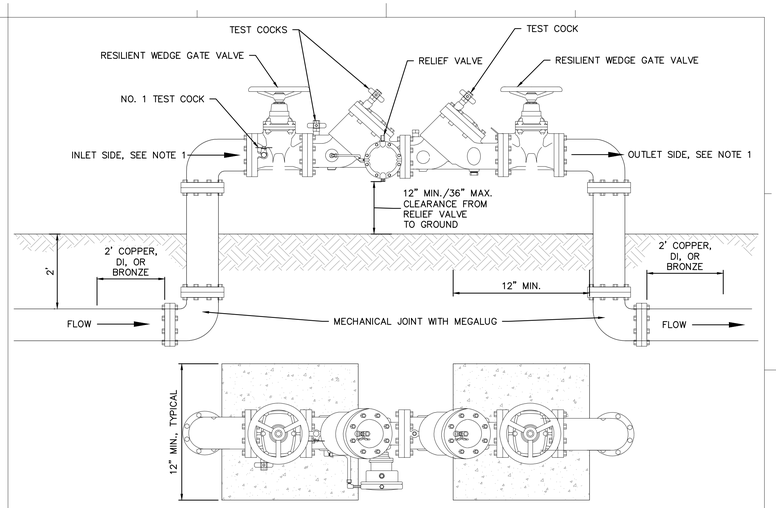
F ABOVE GROUND FIRE WATER BACKFLOW INSTALLATION DETAIL
NOT TO SCALE



NOTES:

1. OWNER SHALL BE RESPONSIBLE FOR ENCROACHMENT APPLICATIONS, CERTIFICATIONS, PERMITS, OR EASEMENTS WITH REGULATION AUTHORITIES.
2. THE LINE UP TO THE OWNER'S POST INDICATOR VALVE SHALL BE 8" DUCTILE IRON (DIP).
3. ALL PIPE SHOWN IN THIS DETAIL SHALL BE RESTRAINED.

G TYPICAL UNMETERED FIRE SERVICE LINE
NOT TO SCALE



NOTES:

1. 2' MINIMUM COPPER, DUCTILE IRON, OR BRONZE INLET AND OUTLET.
2. BACKFLOW PREVENTER SHALL BE AN SCDHEC APPROVED DEVICE. BACKFLOW PREVENTER SHALL BE 2" ZURN MODEL 975XL REDUCED PRESSURE PRINCIPLE ASSEMBLY (RPPA) OR LRWS APPROVED EQUAL. BACKFLOW PREVENTER SHALL BE PROVIDED & INSTALLED BY CONTRACTOR.
3. ALL FITTINGS BELOW GRADE SHALL BE MJ TYPE. ALL FITTINGS ABOVE GRADE SHALL BE FLANGED TYPE.

H ABOVE GROUND IRRIGATION BACKFLOW INSTALLATION DETAIL
NOT TO SCALE

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT ADC ENGINEERING INC. No. 00253 WALKER HARMON

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 3516 10/31/25 WALKER HARMON

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CIVIL DETAILS - WATER

C641

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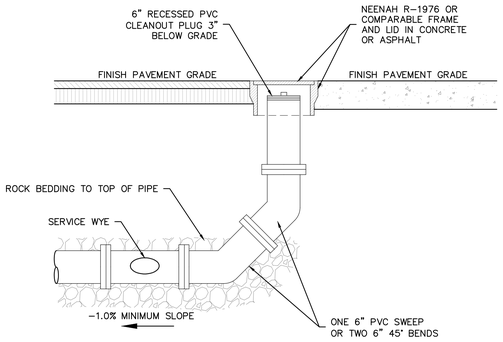
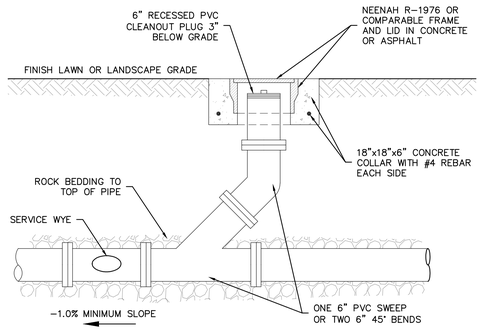


CLEANOUT IN PAVED AREA



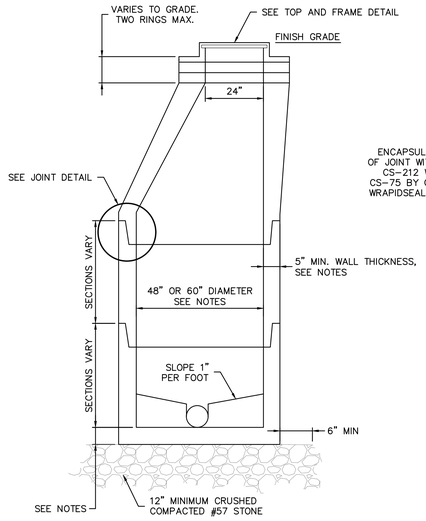
CLEANOUT IN LANDSCAPED AREA

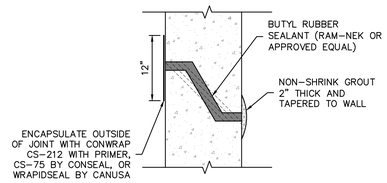
NOTES:

1. SERVICE LINE SHALL BE ON SUCH A GRADE THAT WILL PERMIT SERVICING OF PROPERTY. MINIMUM GRADE SHALL BE 1.0% AND MAXIMUM GRADE SHALL BE 50.0%.
2. NO VERTICAL STACKING SHALL BE ALLOWED.

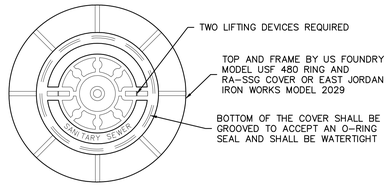
A SANITARY SEWER SERVICE AND CLEANOUT DETAILS

NOT TO SCALE





JOINT



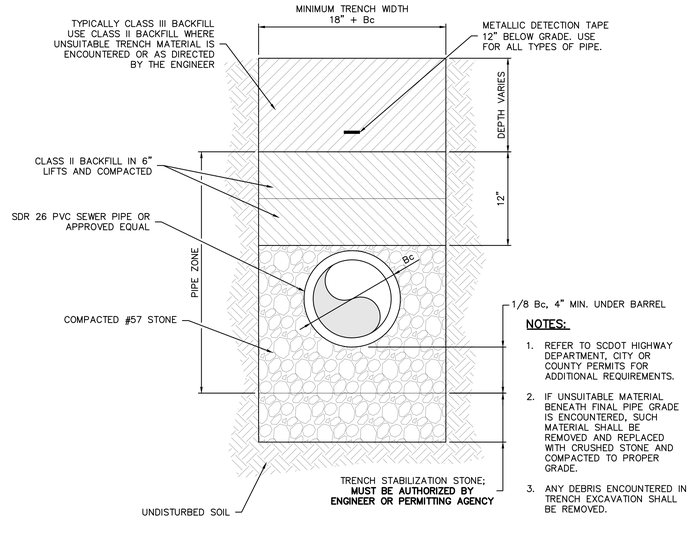
TOP AND FRAME

NOTES:

1. BENCH CAN BE PRECAST OR BRICK AND MORTAR TROWELED SMOOTH.
2. MANHOLE SHALL BE UNLINED UNLESS IT IS THE RECEIVING MANHOLE FOR A FORCE MAIN OR THE NEXT MANHOLE DOWNSTREAM.
3. MANHOLES OVER 8 FEET DEEP SHALL HAVE A 60" MINIMUM INSIDE DIAMETER. MANHOLES UNDER 8 FEET DEEP SHALL HAVE A 48" MINIMUM INSIDE DIAMETER. WALL THICKNESS SHALL BE 5" MINIMUM.
4. THE FRAME AND COVER AND GRADE RINGS SHALL BE SECURED TO THE CONE WITH GROUT ON BOTH THE INTERIOR AND EXTERIOR. ENCAPSULATE OUTSIDE OF FRAME TO CONE CONNECTION (SEE JOINT DETAIL). INSTALL PER MANUFACTURER'S INSTRUCTIONS.
5. MANHOLE STEPS ARE NOT ALLOWED.
6. FOR 5' DIAMETER MANHOLES, THE WALL THICKNESS SHALL BE 5" MINIMUM AND THE BASE SLAB THICKNESS SHALL BE 8" MINIMUM..
7. WHEN INCOMING INVERT WILL BE LESS THAN 24" ABOVE OUTGOING INVERT, THE LINE SHALL BE BENCHED, TROUGHED, AND MORTAR TROWELED SMOOTH TO COME IN AT THE MANHOLE INVERT.

C ECCENTRIC CONE PRECAST MANHOLE

NOT TO SCALE

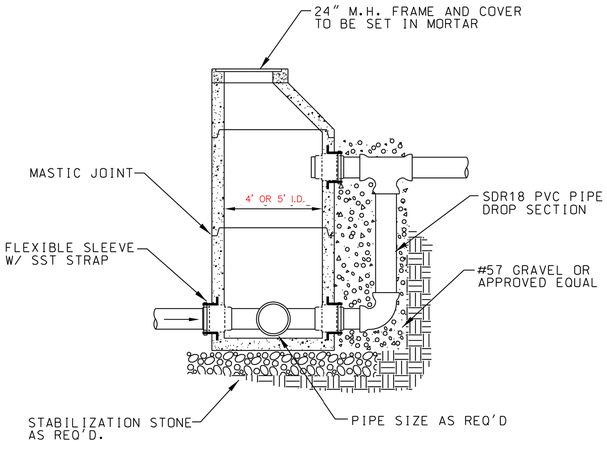


NOTES:

1. REFER TO SCDOT HIGHWAY DEPARTMENT, CITY OR COUNTY PERMITS FOR ADDITIONAL REQUIREMENTS.
2. IF UNSUITABLE MATERIAL BENEATH FINAL PIPE GRADE IS ENCOUNTERED, SUCH MATERIAL SHALL BE REMOVED AND REPLACED WITH CRUSHED STONE AND COMPACTED TO PROPER GRADE.
3. ANY DEBRIS ENCOUNTERED IN TRENCH EXCAVATION SHALL BE REMOVED.

B MINIMUM BEDDING FOR GRAVITY SEWER LINE

NOT TO SCALE



D TYPICAL SECTION OF PRECAST SANITARY SEWER DROP MANHOLE

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035165 — ADC ENGINEERING INC. No. 00253 — 10/31/25 — JAMES WALKER HARDWICK

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

CIVIL DETAILS - SANITARY SEWER

C642

CONSTRUCTION DOCUMENTS

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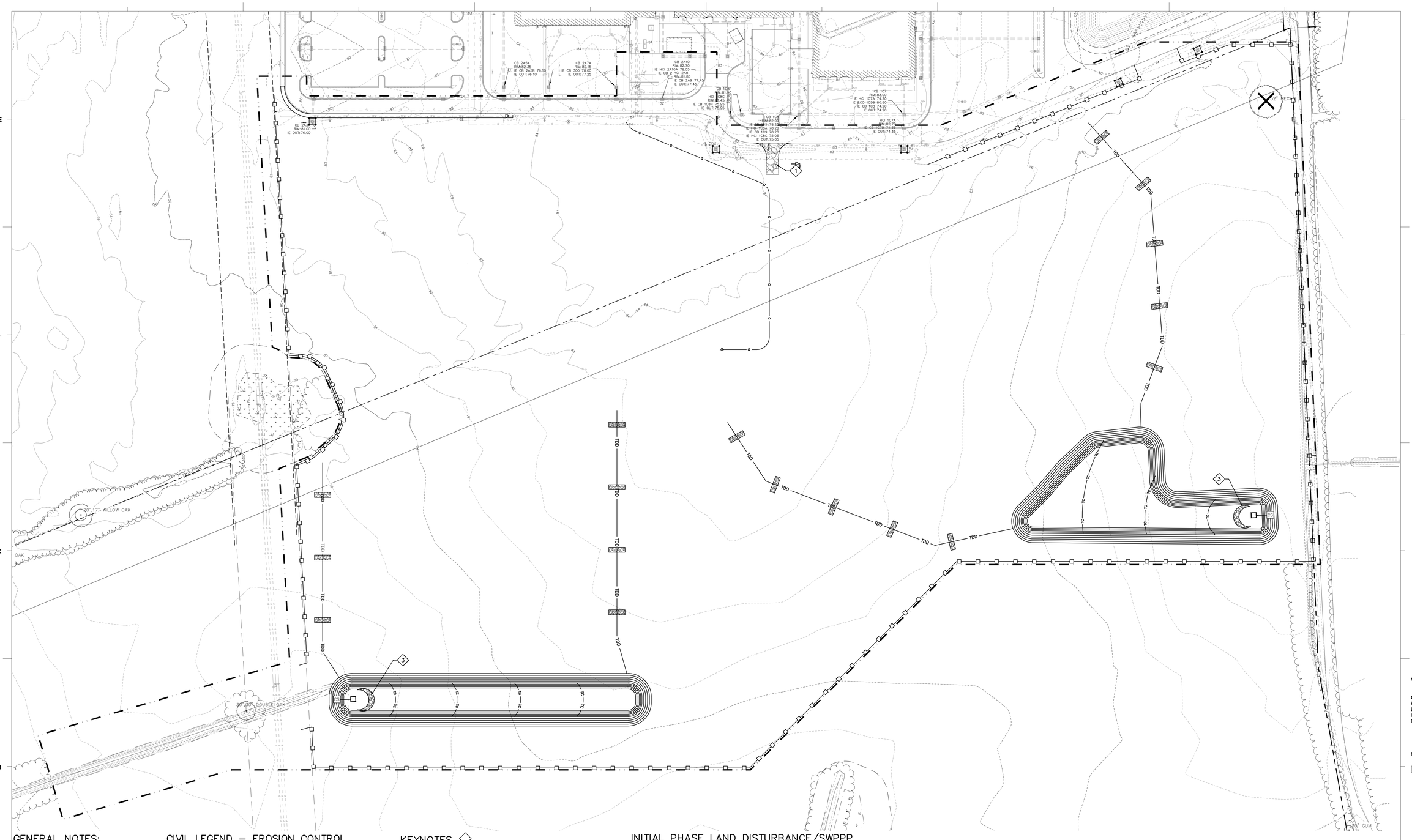

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D

C

B

A

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. CONTRACTOR SHALL CONTACT PALMETTO UTILITY LOCATION SERVICE AT 1-888-721-7877 PRIOR TO ANY WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATING AND PROTECTING ALL UTILITIES. CONTACT THE ENGINEER IN THE EVENT THAT UTILITIES CONFLICT WITH NEW FACILITIES.
5. 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.
6. 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.

CIVIL LEGEND – EROSION CONTROL

- TS — TEMPORARY SEEDING – INSTALL IAW DETAIL A/C731.
- PS — PERMANENT SEEDING – INSTALL IAW DETAIL A/C731.
- LA — LANDSCAPING – INSTALL IAW LANDSCAPING DRAWINGS.
- SILT FENCE – INSTALL IAW DETAIL B/C730.
- TDD — TEMPORARY DIVERSION DITCH OR SWALE – INSTALL IAW DETAIL B/C731.
- ROCK CHECK DAM – INSTALL EVERY 100' AND IAW DETAIL D/C731.
- OVERFLOW WEIR – INSTALL IAW POND DETAILS ANS STORM DRAINAGE PLANS.
- STONE FILTER RING – INSTALL IAW DETAIL C/C731.
- CW — CONCRETE WASHOUT – INSTALL IAW DETAIL E/C731.
- PERMANENT RIP RAP APRON – INSTALL IAW DETAIL C/C730.
- INLET PROTECTION – FOR HOODED CURB INLETS, INSTALL FILTER SACK INLET PROTECTION AND CURB INLET PROTECTION IAW DETAILS A & B/C732. FOR CATCH BASINS, INSTALL CATCH BASIN INLET PROTECTION IAW DETAIL C/C732.
- LIMITS OF CONSTRUCTION/DISTURBANCE

KEYNOTES: ◇

1. INSTALL CONSTRUCTION ENTRANCE IAW DETAIL A/C730. INSTALL TEMPORARY 15" RCP CENTERED ON EXISTING SCDOT DITCH. IF A MINIMUM 12" OF COVER CANNOT BE MAINTAINED, INSTALL CLASS IV RCP.
2. INSTALL TEMPORARY STOCKPILE IAW DETAIL D/C730.
3. INSTALL STONE FILTER RING AROUND OUTFALL STRUCTURE IAW DETAIL C/C731.
4. INSTALL TURF REINFORCEMENT MATTING ALONG NEW POND SLOPE IAW DETAIL C/C733.
5. IF EXISTING DITCH IS USED FOR TEMPORARY SEDIMENT CONTROL, INSTALL ROCK CHECK DAMS EVERY 100'.
6. EXISTING DITCH MAY NOT BE UTILIZED FOR SEDIMENT CONTROL. KEEP DITCH CLEAR OF SEDIMENT.
7. INSTALL DOUBLE-ROW OF SILT FENCE ADJACENT TO WETLAND BUFFER OR WHERE NOTED ON PLANS.
8. INSTALL CONCRETE WASHOUT IAW DETAIL E/C731.
9. INSTALL FAIRCLOTH SKIMMER IAW DETAIL D/C732 AND A/C733.
10. CLEAR AREA FOR DITCH AND GRADE DITCH IAW THE GRADING PLANS IAW THE INITIAL PHASE OF CONSTRUCTION.

INITIAL PHASE LAND DISTURBANCE/SWPPP SEQUENCE OF CONSTRUCTION NOTES:

1. PRIOR TO ANY LAND DISTURBANCE ACTIVITY, SCDHEC MUST ISSUE NPDES APPROVAL AND PERMIT.
2. TO SCHEDULE THE REQUIRE SWPPP PRE-CONSTRUCTION MEETING, NOTIFY THE ENGINEER AND SCDHEC EQC OFFICE A MINIMUM OF 48-HOURS PRIOR TO THE MEETING. THE MEETING IS REQUIRED PRIOR TO ANY LAND DISTURBANCE ACTIVITY.
3. CONDUCT A SWPPP PRE-CONSTRUCTION CONFERENCE. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT SWPPP PRE-CONSTRUCTION MEETING WITH SWPPP PREPARING ENGINEER, HAMPTON COUNTY, SCDHEC, OWNER AND ALL LAND DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.
4. STAKE OUT CLEARING LIMITS, WETLAND BUFFER ZONES AND TREE PROTECTION AREAS.
5. CONDUCT LIMITED CLEARING, TIMBERING AND DEMOLITION AS REQUIRED TO INSTALL PERIMETER BEST MANAGEMENT PRACTICES AND CONSTRUCTION ENTRANCE.
6. INSTALL SWPPP SIGN, WETLAND BUFFER SIGNAGE, TREE BARRICADES, SILT FENCE, SILT FENCE OUTLETS, DITCH CHECKS, INLET PROTECTION AND CONSTRUCTION ENTRANCE AS SHOWN ON THE PLANS.
7. STOP AND GET SITE INSPECTED/CERTIFIED.
8. CONDUCT LIMITED CLEARING, TIMBERING, DEMOLITION AND EARTHWORK AS REQUIRED TO CONSTRUCT DIVERSION DITCHES, ADDITIONAL DITCH CHECKS, TEMPORARY SEDIMENT BASINS, AND CONTRACTOR' TRAILER AND LAYDOWN AREAS WHERE INDICATED ON THE PLANS. AT THIS TIME, CONTRACTOR MAY TIMBER ALL PORTIONS OF THE SITE PLANNED TO BE TIMBERED, HOWEVER THE CONTRACTOR SHALL NOT GRUB OR REMOVE STUMPS EXCEPT FOR THE AREAS REQUIRED FOR BEST MANAGEMENT PRACTICES IN THIS AREA.
9. CONSTRUCT DIVERSION DITCHES, ADDITIONAL DITCH CHECKS, TEMPORARY SEDIMENT BASINS, LIMITED PERMANENT STORM DRAINAGE, AND CONTRACTOR AREAS WHERE INDICATED ON THE PLANS.
10. STABILIZE DIVERSION DITCHES AND SEDIMENT BASINS WITH JUTE AND TEMPORARY SEEDING IMMEDIATELY IAW DETAILS.
11. INSTALL TEMPORARY SEDIMENT BASIN #1 AND #2 IN LOCATION OF PERMANENT WET STORM WATER PONDS. INSTALL IAW GRADING PLANS.
12. INSTALL PERMANENT OUTFALL STRUCTURES 1A AND 2A IAW STORM DRAINAGE PLANS. INSTALL FAIRCLOTH SKIMMER AT LOW FLOW ORIFICE.
13. TEMPORARILY SEED OTHER DISTURBED AREAS IAW THE PLANS AND THE CONSTRUCTION GENERAL PERMIT.
14. MAINTAIN BEST MANAGEMENT PRACTICES THROUGHOUT CONSTRUCTION.
15. COMPLETE INSPECTION REPORTS IAW THE CONSTRUCTION GENERAL PERMIT.

HORIZONTAL SCALE

60 0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

1 2 3 4 5 6

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 35165 10/31/25 KEVIN WALKER HARDWICK

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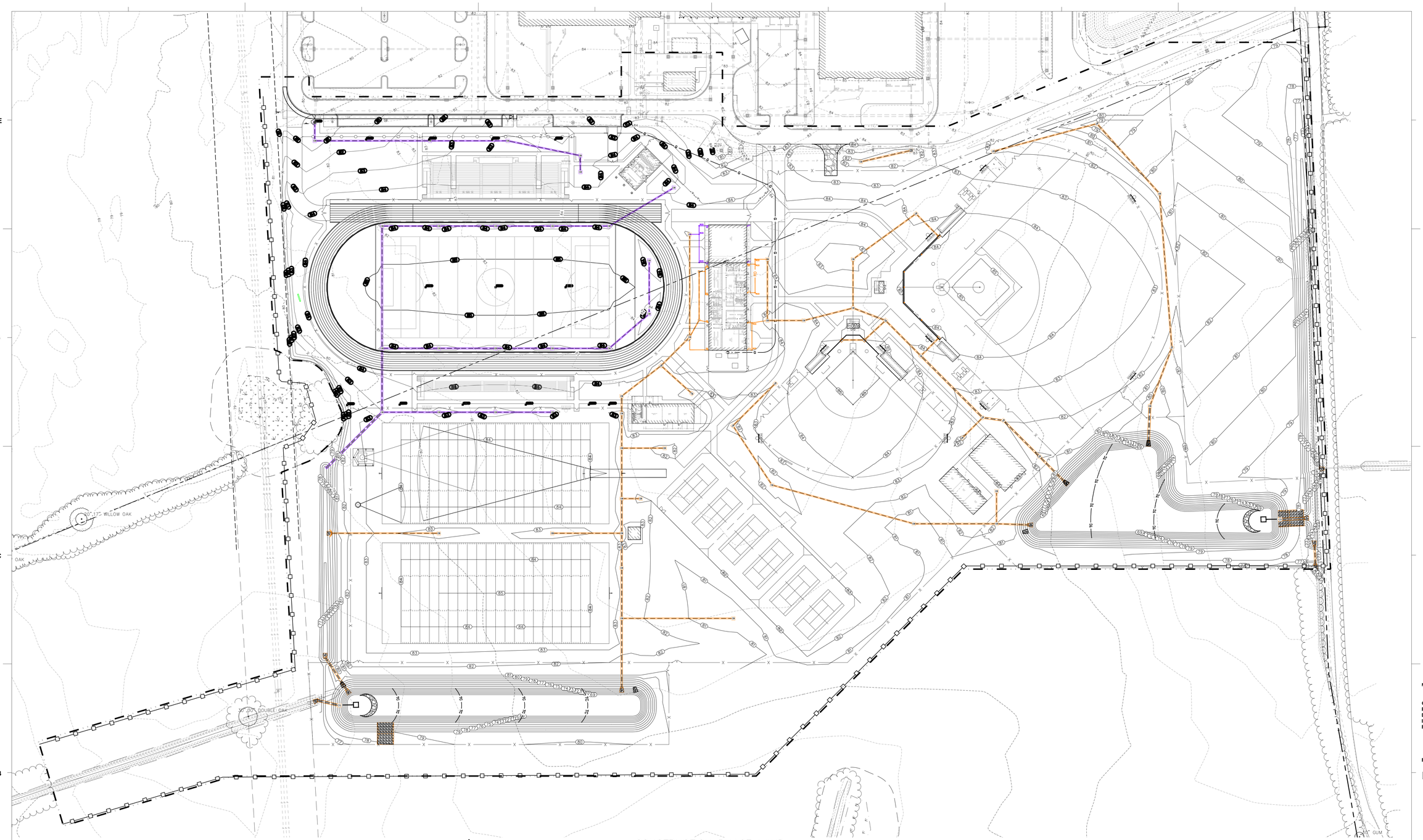
LS3P PROJECT: 1201-217190
DATE: OCTOBER 31, 2025

SWPPP PLAN - INITIAL PHASE

C701

CONSTRUCTION DOCUMENTS



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CIVIL LEGEND – EROSION CONTROL

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- (PS) PERMANENT SEEDING – INSTALL IAW DETAIL A/C731.
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6. EXISTING DITCH MAY NOT BE UTILIZED FOR SEDIMENT CONTROL. KEEP DITCH CLEAR OF SEDIMENT.
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CONSTRUCTION PHASE LAND DISTURBANCE/SWPPP SEQUENCE OF CONSTRUCTION NOTES:

1. CONDUCT REMAINING CLEARING, TIMBERING AND DEMOLITION ACTIVITIES AS SHOWN ON THE PLANS.
2. INSTALL REMAINING SILT FENCE. SILT FENCE OUTLETS, DIVERSION DITCHES, DITCH CHECKS AND SEDIMENT BASINS AS SHOWN ON THE PLANS.
3. CONDUCT MASS GRADING AS SHOWN IAW THE GRADING PLANS.
4. ADJUST AND STABILIZE SILT FENCE, DIVERSION DITCHES, DITCH CHECKS AND SEDIMENT BASINS AS SITE IS BROUGHT TO ROUGH GRADE.
5. INSTALL BUILDING PAD AS SHOWN AND CERTIFY TO OWNER.
6. INSTALL CONCRETE WASH OUT AREA.
7. BEGIN BUILDING CONSTRUCTION.
8. TEMPORARILY SEED DISTURBED AREAS IAW THE PLANS, DETAILS ADN THE CONSTRUCTION GENERAL PERMIT.
9. INSTALL STORM DRAINAGE SYSTEM IAW STORM DRAINAGE PLANS. MAINTAIN WET SEDIMENT BASINS (PERMANENT PONDS) AND INSTALL OTHER ON-SITE PONDS.
10. INSTALL INLET PROTECTION AS STRUCTURES ARE COMPLETED. ENSURE CORRECT INLET PROTECTION IS INSTALLED FOR THE TYPE OF DRAINAGE STRUCTURE.
11. GRADE SITE TO ELEVATIONS SHOWN ON PLANS.
12. PREPARE AND INSTALL PAVING, CURBING, AND SIDEWALKS.
13. COMPLETE REMAINING GRADING, FINE-GRADE LANDSCAPE AREAS.
14. MAINTAIN FILTER RINGS AND FAIRCLOTH SKIMMER UNTIL SITE IS STABILIZED.
15. MAINTAIN BEST MANAGEMENT PRACTICES THROUGH OUT CONSTRUCTION.
16. COMPLETE INSPECTION REPORTS IAW CONSTRCTION GENERAL PERMIT.

HORIZONTAL SCALE
60 0 30 60 120 240
(IN FEET)
1 inch = 60 ft.

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 35165 10/31/25 RENE WALKER HARDWICK

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ADC PROJECT: 22507.10
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SWPPP PLAN - CONSTRUCTION PHASE

C702

CONSTRUCTION DOCUMENTS

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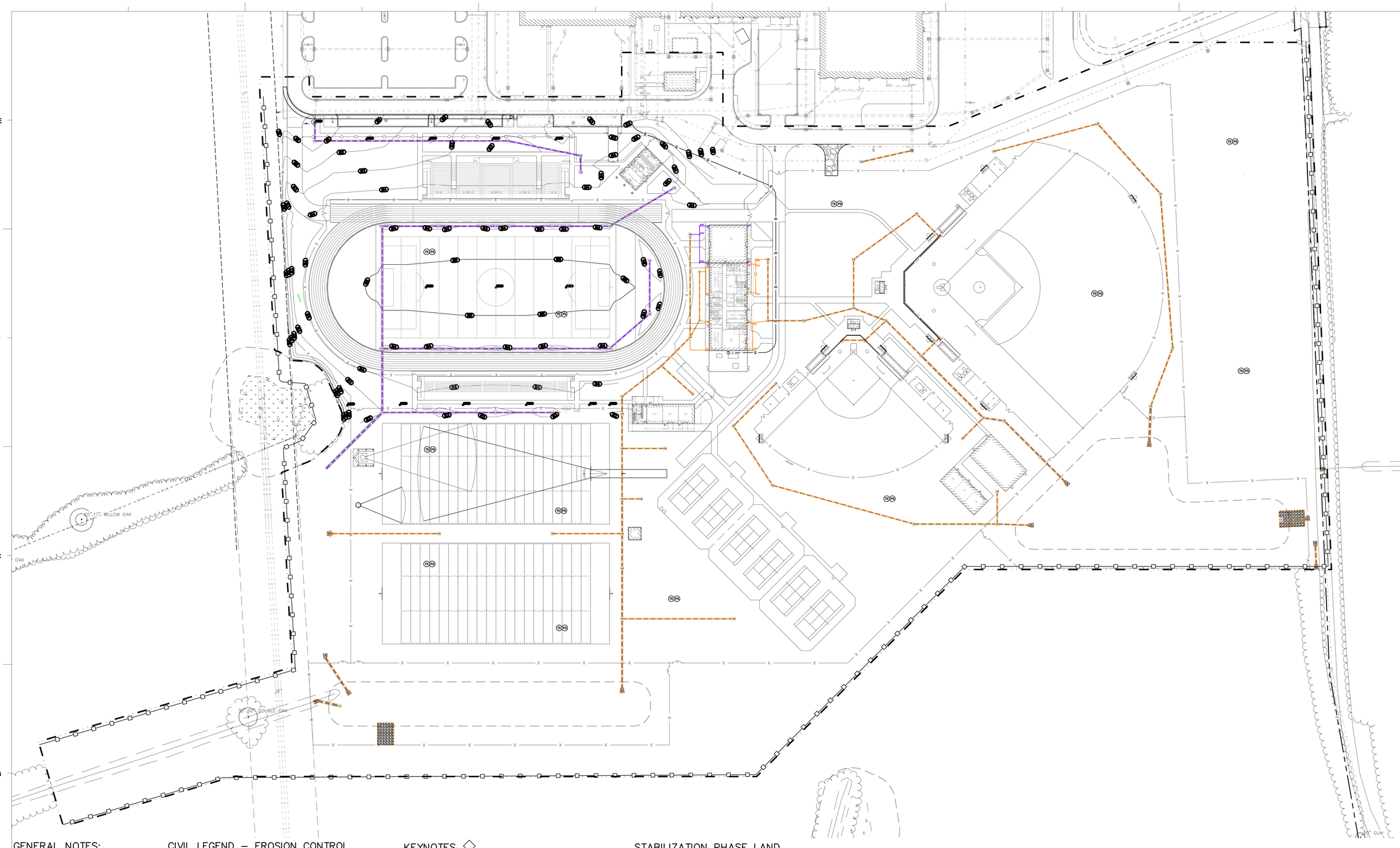

GENERAL NOTES:

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9. INSTALL FAIRCLOTH SKIMMER IAW DETAIL D/C732 AND A/C733.
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STABILIZATION PHASE LAND DISTURBANCE/SWPPP SEQUENCE OF CONSTRUCTION NOTES:

1. PERMANENTLY STABILIZE DISTURBED AREAS IAW LANDSCAPE PLAN AND DETAILS.
2. MAINTAIN BEST MANAGEMENT PRACTICES THROUGHOUT CONSTRUCTION.
3. CLEAN ALL STORM PIPES AND BOXES.
4. PREPARE THE STORMWATER AS-BUILTS AS INDICATED ON SHEET C740. SCHEDULE AN ONSITE INSPECTION WITH HAMPTON COUNTY, THE ENGINEER AND THE CONTRACTING OFFICER AFTER THE SITE IS FULLY STABILIZED.
5. REMOVE ALL REMAINING TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES INCLUDING SKIMMER, WEIR COVER AND FILTER RINGS IN PONDS AFTER APPROVAL OF THE ENGINEER AND THE CONTRACTING OFFICER AND STABILIZE ANY AREAS DISTURBED BY THE REMOVAL OF THE BEST MANAGEMENT PRACTICES.
6. CONTINUE INSPECTION REPORTS IAW CONSTRUCTION GENERAL PERMIT UNTIL THE SITE IS FULLY STABILIZED AND THE PERMIT MAY BE TERMINATED.
7. THE NOTICE OF TERMINATION (NOT) AND AS-BUILTS SHALL BE SUBMITTED UPON A MINIMUM 70% UNIFORM SITE STABILIZATION.

HORIZONTAL SCALE

60 0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL No. 35165 10/31/25 WALKER HARRISON

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REVISIONS:

No.	Description	Date

ADC PROJECT: 22507.10
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SWPPP PLAN - STABILIZATION PHASE

C703

CONSTRUCTION DOCUMENTS

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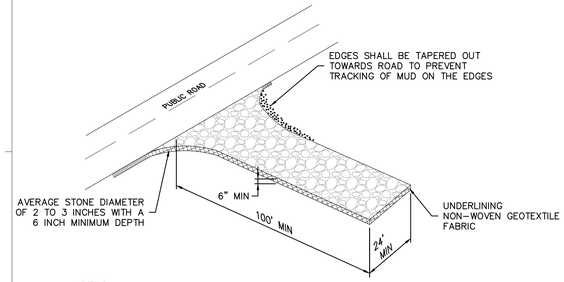


NOTES:

1. INSTALL A CULVERT PIPE ACROSS THE ENTRANCE WHEN NEEDED TO PROVIDE POSITIVE DRAINAGE.
2. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE STONE PAD TO A SEDIMENT TRAP OR BASIN OR OTHER SEDIMENT TRAPPING STRUCTURE.

GENERAL NOTES:

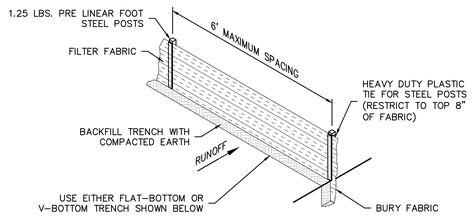
1. STABILIZED CONSTRUCTION ENTRANCES SHOULD BE USED AT ALL POINTS WHERE TRAFFIC WILL EGRESS/INGRESS A CONSTRUCTION SITE ONTO A PUBLIC ROAD OR ANY IMPERVIOUS SURFACES, SUCH AS PARKING LOTS.
2. INSTALL A NON-WOVEN GEOTEXTILE FABRIC PRIOR TO PLACING ANY STONE.
3. INSTALL A CULVERT PIPE ACROSS THE ENTRANCE WHEN NEEDED TO PROVIDE POSITIVE DRAINAGE.
4. THE ENTRANCE SHALL CONSIST OF 2-INCH TO 3-INCH D50 STONE PLACED AT A MINIMUM DEPTH OF 6-INCHES.
5. MINIMUM DIMENSIONS OF THE ENTRANCE SHALL BE 24-FEET WIDE BY 100-FEET LONG, AND MAY BE MODIFIED AS NECESSARY TO ACCOMMODATE SITE CONSTRAINTS.
6. THE EDGES OF THE ENTRANCE SHALL BE TAPERED OUT TOWARDS THE ROAD TO PREVENT TRACKING AT THE EDGE OF THE ENTRANCE.
7. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE STONE PAD TO A SEDIMENT TRAP OR BASIN OR OTHER SEDIMENT TRAPPING STRUCTURE.
8. LIMESTONE MAY NOT BE USED FOR THE STONE PAD.

INSPECTION AND MAINTENANCE:

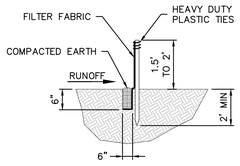
1. THE KEY TO FUNCTIONAL CONSTRUCTION ENTRANCES IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.
2. REGULAR INSPECTIONS OF CONSTRUCTION ENTRANCES SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24-HOURS AFTER EACH RAINFALL EVEN THAT PRODUCES 1/2-INCH OR MORE OF PRECIPITATION.
3. DURING REGULAR INSPECTIONS, CHECK FOR MUD AND SEDIMENT BUILDUP AND PAD INTEGRITY. INSPECTION FREQUENCIES MAY NEED TO BE MORE FREQUENT DURING LONG PERIODS OF WET WEATHER.
4. RESHAPE THE STONE PAD AS NECESSARY FOR DRAINAGE AND RUNOFF CONTROL.
5. WASH OR REPLACE STONES AS NEEDED AND AS DIRECTED BY SITE INSPECTOR. THE STONE IN THE ENTRANCE SHOULD BE WASHED OR REPLACED WHENEVER THE ENTRANCE FAILS TO REDUCE THE AMOUNT OF MUD BEING CARRIED OFF-SITE BY VEHICLES. FREQUENT WASHING WILL EXTEND THE USEFUL LIFE OF STONE PAD.
6. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO ADJACENT IMPERVIOUS SURFACES BY BRUSHING OR SWEEPING. FLUSHING SHOULD ONLY BE USED WHEN THE WATER CAN BE DISCHARGED TO A SEDIMENT TRAP OR BASIN.
7. DURING MAINTENANCE ACTIVITIES, ANY BROKEN PAVEMENT SHOULD BE REPAIRED IMMEDIATELY.
8. CONSTRUCTION ENTRANCES SHOULD BE REMOVED AFTER THE SITE HAS REACHED FINAL STABILIZATION. PERMANENT VEGETATION SHOULD REPLACE AREAS FROM WHICH CONSTRUCTION ENTRANCES HAVE BEEN REMOVED, UNLESS AREA WILL BE CONVERTED TO AN IMPERVIOUS SURFACE TO SERVE POST-CONSTRUCTION.

CE A SCDHEC STABILIZED CONSTRUCTION ENTRANCE

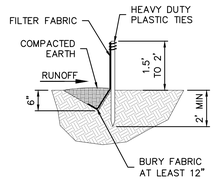
NOT TO SCALE



SILT FENCE INSTALLATION



FLAT-BOTTOM TRENCH DETAIL



V-SHAPED TRENCH DETAIL

GENERAL NOTES:

1. DO NOT PLACE SILT FENCE ACROSS CHANNELS OR IN OTHER AREAS SUBJECT TO CONCENTRATED FLOWS. SILT FENCE SHOULD NOT BE USED AS A VELOCITY CONTROL BMP. CONCENTRATED FLOWS ARE ANY FLOWS GREATER THAN 0.5 CFS.
2. MAXIMUM SHEET OR OVERLAND FLOW PATH LENGTH TO THE SILT FENCE SHALL BE 100-FEET.
3. MAXIMUM SLOPE STEEPNESS (NORMAL [PERPENDICULAR] TO THE FENCE LINE) SHALL BE 2:1.
4. SILT FENCE JOINTS, WHEN NECESSARY, SHALL BE COMPLETED BY ONE OF THE FOLLOWING OPTIONS;
   - WRAP EACH FABRIC TOGETHER AT A SUPPORT POST WITH BOTH ENDS FASTENED TO THE POST, WITH A 1-FOOT MINIMUM OVERLAP;
   - OVERLAP SILT FENCE BY INSTALLING 3-FEET PASSED THE SUPPORT POST TO WHICH THE NEW SILT FENCE ROLL IS ATTACHED. ATTACH OLD ROLL TO NEW ROLL WITH HEAVY-DUTY PLASTIC TIES; OR,
   - OVERLAP ENTIRE WIDTH OF EACH SILT FENCE ROLL FROM ONE SUPPORT POST TO THE NEXT SUPPORT POST.
5. ATTACH FILTER FABRIC TO THE STEEL POSTS USING HEAVY-DUTY PLASTIC TIES THAT ARE EVENLY SPACED WITHIN THE TOP 8-INCHES OF THE FABRIC.
6. INSTALL THE SILT FENCE PERPENDICULAR TO THE DIRECTION OF THE STORMWATER FLOW AND PLACE THE SILT FENCE THE PROPER DISTANCE FROM THE TOE OF STEEP SLOPES TO PROVIDE SEDIMENT STORAGE AND ACCESS FOR MAINTENANCE AND CLEANOUT.
7. INSTALL SILT FENCE CHECKS (TIE-BACKS) EVERY 50-100 FEET, DEPENDENT ON SLOPE, ALONG SILT FENCE THAT IS INSTALLED WITH SLOPE AND WHERE CONCENTRATED FLOWS ARE EXPECTED OR ARE DOCUMENTED ALONG THE PROPOSED/INSTALLED SILT FENCE.

FABRIC REQUIREMENTS:

1. SILT FENCE MUST BE COMPOSED OF WOVEN GEOTEXTILE FILTER FABRIC THAT CONSISTS OF THE FOLLOWING REQUIREMENTS:
   - COMPOSED OF FIBERS CONSISTING OF LONG CHAIN SYNTHETIC POLYMERS OF AT LEAST 85% BY WEIGHT OF POLYOLEFINS, POLYESTERS, OR POLYAMIDES THAT ARE FORMED INTO A NETWORK SUCH THAT THE FILAMENTS OR YARNS RETAIN DIMENSIONAL STABILITY RELATIVE TO EACH OTHER;
   - FREE OF ANY TREATMENT OR COATING WHICH MIGHT ADVERSELY ALTER ITS PHYSICAL PROPERTIES AFTER INSTALLATION;
   - FREE OF ANY DEFECTS OR FLAWS THAT SIGNIFICANTLY AFFECT ITS PHYSICAL AND/OR FILTERING PROPERTIES; AND,
   - HAVE A MINIMUM WIDTH OF 36-INCHES.
2. USE ONLY FABRIC APPEARING ON SC DOT'S QUALIFIED PRODUCTS LISTING (QPL), APPROVAL SHEET #34, MEETING THE REQUIREMENTS OF THE MOST CURRENT EDITION OF THE SC DOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
3. 12-INCHES OF THE FABRIC SHOULD BE PLACED WITHIN EXCAVATED TRENCH AND TOED IN WHEN THE TRENCH IS BACKFILLED.
4. FILTER FABRIC SHALL BE PURCHASED IN CONTINUOUS ROLLS AND CUT TO THE LENGTH OF THE BARRIER TO AVOID JOINTS.
5. FILTER FABRIC SHALL BE INSTALLED AT A MINIMUM OF 24-INCHES ABOVE THE GROUND.

POST REQUIREMENTS:

1. SILT FENCE POSTS MUST BE 48-INCH LONG STEEL POSTS THAT MEET, AT A MINIMUM, THE FOLLOWING PHYSICAL CHARACTERISTICS.
   - COMPOSED OF A HIGH STRENGTH STEEL WITH A MINIMUM YIELD STRENGTH OF 50,000 PSI.
   - INCLUDE A STANDARD "T" SECTION WITH A NOMINAL FACE WIDTH OF 1.38-INCHES AND A NOMINAL "T" LENGTH OF 1.48-INCHES.
   - WEIGH 1.25 POUNDS PER FOOT (± 8%)
2. POSTS SHALL BE EQUIPPED WITH PROJECTIONS TO AID IN FASTENING OF FILTER FABRIC.
3. STEEL POSTS MAY NEED TO HAVE A METAL SOIL STABILIZATION PLATE WELDED NEAR THE BOTTOM WHEN INSTALLED ALONG STEEP SLOPES OR INSTALLED IN LOOSE SOILS. THE PLATE SHOULD HAVE A MINIMUM CROSS SECTION OF 17-SQUARE INCHES AND BE COMPOSED OF 15 GAUGE STEEL, AT A MINIMUM. THE METAL SOIL STABILIZATION PLATE SHOULD BE COMPLETELY BURIED.
4. INSTALL POSTS TO A MINIMUM OF 24-INCHES. A MINIMUM HEIGHT OF 1- TO 2- INCHES ABOVE THE FABRIC SHALL BE MAINTAINED, AND A MAXIMUM HEIGHT OF 3 FEET SHALL BE MAINTAINED ABOVE THE GROUND.
5. POST SPACING SHALL BE AT A MAXIMUM OF 6-FEET ON CENTER.

INSPECTION AND MAINTENANCE:

THE KEY TO FUNCTIONAL SILT FENCE IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.

REGULAR INSPECTIONS OF SILT FENCE SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24-HOURS AFTER EACH RAINFALL EVEN THAT PRODUCES 1/2-INCH OR MORE OF PRECIPITATION.

ATTENTION TO SEDIMENT ACCUMULATIONS ALONG THE SILT FENCE IS EXTREMELY IMPORTANT. ACCUMULATED SEDIMENT SHOULD BE CONTINUALLY MONITORED AND REMOVED WHEN NECESSARY.

REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF THE SILT FENCE.

REMOVED SEDIMENT SHALL BE PLACED IN STOCKPILE STORAGE AREAS OR SPREAD THINLY ACROSS DISTURBED AREA. STABILIZE THE REMOVED SEDIMENT AFTER IT IS RELOCATED.

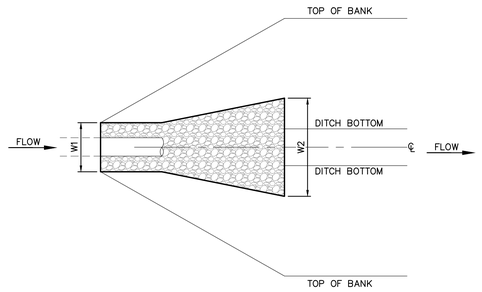
CHECK FOR AREAS WHERE STORMWATER RUNOFF HAS ERODED A CHANNEL BENEATH THE SILT FENCE, OR WHERE THE FENCE HAS SAGGED OR COLLAPSED DUE TO RUNOFF OVERTOPPING THE SILT FENCE. INSTALL CHECKS/TIE-BACKS AND/OR REINSTALL SILT FENCE, AS NECESSARY.

CHECK FOR TEARS WITHIN THE SILT FENCE, AREAS WHERE SILT FENCE HAS BEGUN TO DECOMPOSE, AND FOR ANY OTHER CIRCUMSTANCE THAT MAY RENDER THE SILT FENCE INEFFECTIVE. REMOVED DAMAGED SILT FENCE AND REINSTALL NEW SILT FENCE IMMEDIATELY.

SILT FENCE SHOULD BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED AND ONCE IT IS REMOVED, THE RESULTING DISTURBED AREA SHALL BE PERMANENTLY STABILIZED.

SF B SCDHEC SILT FENCE DETAIL

NOT TO SCALE



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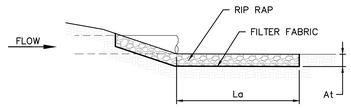


SECTION

MAINTENANCE INSTRUCTIONS

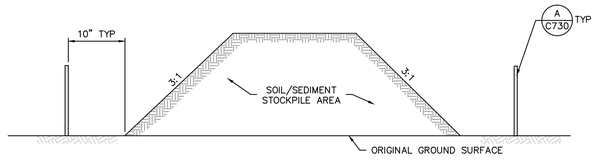
1. INSPECT ROCK CHECK DAM EVERY SEVEN (7) CALENDAR DAYS.
2. REPAIR/REPLACE/SUPPLEMENT RIP RAP THAT HAS BEEN DISPLACED OR COVERED WITH SEDIMENT.
3. INSTALL RIP RAP BASED UPON PIPE SIZE AS SHOWN IN TABLE BELOW.

RIPRAP APRON #	d50 (ft)	dmax (ft)	MIN. WT.	APRON THICKNESS (At)	La (ft)	W1 (ft)	W2 (ft)	SCDOT Class
48"	0.5	0.75	12 LB	1.25 FT	18	12	14	A
36"/42"	0.5	0.75	12 LB	1.25 FT	16	10	12	A
18"/24"	0.5	0.75	12 LB	1.25 FT	10	5	6	A

48" d50 = AVERAGE STONE SIZE
dmax = MAXIMUM STONE SIZE

C OUTLET PROTECTION

NOT TO SCALE



NOTES:

1. SILT FENCE TO EXTEND AROUND ENTIRE PERIMETER OF STOCKPILE, OR IF STOCKPILE AREA IS LOCATED ON/NEAR A SLOPE THE SILT FENCE IS TO EXTEND ALONG CONTOURS OF THE DOWN-GRADIENT AREA.
2. IF STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS, TEMPORARY STABILIZATION MEASURES MUST BE IMPLEMENTED.
3. SILT FENCE SHALL BE MAINTAINED UNTIL STOCKPILE AREA HAS EITHER BEEN REMOVED OR PERMANENTLY STABILIZED.
4. THE KEY TO FUNCTIONAL TEMPORARY STOCKPILE AREAS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.

D SCDHEC TEMPORARY STOCKPILE AREA

NOT TO SCALE

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 00253 ADC ENGINEERING, INC. 10/31/25

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 3516 10/31/25 ROBERT WALKER HARDWICK

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REVISIONS:

No.	Description	Date

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

CIVIL DETAILS - SWPPP

C710

CONSTRUCTION DOCUMENTS

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

1. THE GENERAL CONTRACTOR IS REQUIRED TO, AT A MINIMUM, INITIATE SOIL STABILIZATION MEASURES IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT LIKELY RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. DIVERSION CHANNELS/DITCHES SHALL BE STABILIZED WITHIN 7 DAYS OF INSTALLATION.
2. THE GENERAL CONTRACTOR HAS 7 DAYS FROM INITIATION OF STABILIZATION TO COMPLETE SOIL PREPARATION, SEEDING, MULCHING, AND ANY OTHER REQUIRED ACTIVITIES RELATED TO THE PLANTING AND ESTABLISHMENT OF VEGETATION. THE GENERAL CONTRACTOR ALSO HAS 7 DAYS FROM INITIATION OF STABILIZATION TO COMPLETELY INSTALL NON-VEGETATED MEASURES, IF UTILIZED.
3. ALL DISTURBED AREAS MUST BE STABILIZED TEMPORARILY WITH THE USE OF FAST-GERMINATING ANNUAL GRASS/GRAIN VARIETIES APPROPRIATE FOR SITE SOIL AND CLIMATE CONDITIONS. MULCH IS REQUIRED FOR ALL SEEDING APPLICATIONS, AND ALL MULCH APPLICATIONS MUST INCLUDE A SUITABLE FORM OF MULCH ANCHORING TO MINIMIZE MOVEMENT OF MULCH BY WIND OR WATER.

SCDHEC PERMANENT SEEDING – COASTAL													
SPECIES	LBS/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
SANDY, DROUGHTY SITES													
BROWNTOP MILLET BAHIAGRASS	10 40												
BROWNTOP MILLET BAHIAGRASS SERICEA LESPEDEZA	10 30 40												
BROWNTOP MILLET ATLANTIC COASTAL PANIC GRASS	10 15 PLS												
BROWNTOP MILLET SWITCHGRASS (ALAMO) LITTLE BLUESTEM SERICEA LESPEDEZA	10 8 PLS 4 20												
BROWNTOP MILLET WEEPING LOVEGRASS	10 8												
WELL DRAINED, CLAYEY/LOAMEY SITES													
BROWNTOP MILLET BAHIAGRASS	10 40												
RYE, GRAIN (BAHIAGRASS OVERSEEDING) CLOVER, CRIMSON (ANNUAL)	10 40 5												
BROWNTOP MILLET BAHIAGRASS SERICEA LESPEDEZA	10 30 40												
BROWNTOP MILLET BERMUDA, COMMON SERICEA LESPEDEZA	10 10 40												
BROWNTOP MILLET BERMUDA, COMMON KOBE LESPEDEZA (ANNUAL)	10 12 10												
BROWNTOP MILLET BAHIAGRASS BERMUDA, COMMON SERICEA LESPEDEZA	10 20 8 40												
BROWNTOP MILLET/SWITCHGRASS LITTLE BLUESTEM INDIANGRASS	10 8 PLS 3 PLS 7 PLS												

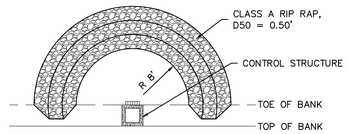
SCDHEC TEMPORARY SEEDING – COASTAL													
SPECIES	LBS/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
SANDY, DROUGHTY SITES													
BROWNTOP MILLET	40												
RYE, GRAIN	56												
RYEGRASS	50												
WELL DRAINED, CLAYEY/LOAMEY SITES													
BROWNTOP MILLET OR JAPANESE MILLET	40												
RYE, GRAIN OR OATS	56 75												
RYEGRASS	50												

SEEDING PREPARATION:
A. TILL AREA TO BE SEEDED TO A DEPTH OF 4".
B. APPLY 10-10-10 FERTILIZER AT A RATE OF 11.5 POUNDS PER 1,000 SQUARE FEET.
C. THE FERTILIZER SHALL BE WORKED INTO THE TOP 4 INCHES OF SOIL PRIOR TO SEEDING.

STRAW MULCH:
A. APPLY STRAW MULCH BY HAND OR MACHINE AT A RATE OF 1.5-2.0 TONS PER ACRE (90 POUNDS PER 1,000 SF) THEN TACKED WITH EMULSIFIED ASPHALT.

4. ALTERNATIVE STABILIZATION MEASURES TO SEEDING, SUCH AS ANCHORED MULCH APPLICATION (WITHOUT SEEDING), MAY BE UTILIZED DURING PERIODS WHEN VEGETATIVE GROWTH IS UNLIKELY (E.G. WINTER MONTHS).
5. IT IS NOT ACCEPTABLE TO ALLOW BARE SOIL TO REMAIN EXPOSED AT ANY TIME DURING THE YEAR, REGARDLESS OF WEATHER/TEMPERATURE/SITE CONDITIONS.
6. ALTERNATIVE STABILIZATION MEASURES INCLUDE, BUT ARE NOT LIMITED TO: ANCHORED STRAW/HAY MULCH, WOOD CELLULOSE FIBER MULCH, SPRAY-ON SOIL GLUES/BINDERS, AND ROLLED EROSION CONTROL PRODUCTS.
7. ALL ROLLED EROSION CONTROL PRODUCTS SHALL HAVE CURRENT QDOR(TM) STATUS ISSUED BY THE EROSION CONTROL TECHNOLOGY COUNCIL (ECTC) PLUS ANY STATE OR AGENCY-SPECIFIC REQUIREMENTS. EVIDENCE OF QDOR(TM) APPROVAL SHALL ACCOMPANY THE PRODUCT SHIPPED TO THE JOBSITE FOR READY IDENTIFICATION BY THE CONTRACTOR OR AGENCY INSPECTOR.
8. ROLLED EROSION CONTROL PRODUCTS (NETS, BLANKETS, TURF REINFORCED MATES) AND VEGETATED AREAS NOT MEETING REQUIRED VEGETATIVE DENSITIES FOR FINAL STABILIZATION MUST BE INSPECTED DAILY. RILLING, RUTTING AND OTHER SIGNS OF EROSION INDICATE THE SPECIFIED EROSION CONTROL DEVICE IS NOT FUNCTIONING OR INSTALLED PROPERLY AND/OR ADDITIONAL EROSION CONTROL DEVICES ARE WARRANTED.

TS PS A SCDHEC TEMPORARY AND PERMANENT SEEDING/VEGETATION NOTES
NOT TO SCALE



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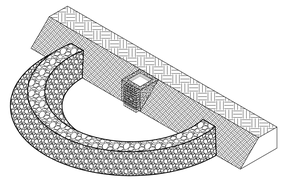
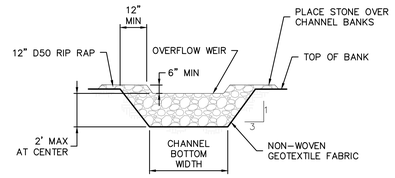


ISOMETRIC

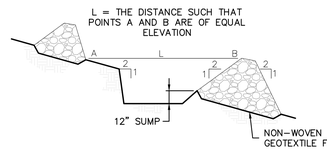
INSPECTION AND MAINTENANCE:

1. INSPECT, CLEAN, AND PROPERLY MAINTAIN THE STONE FILTER RING EVERY SEVEN (7) CALENDAR DAYS
2. REMOVE THE SEDIMENT WHEN DEPTH IS ONE-HALF OF THE HEIGHT OF FILTER RING WHICH IS THE INDICATED MARK OF THE INDICATOR STAKE.
3. REPLACE CONTAMINATED STONE FACING AS NECESSARY.
4. INSPECT THE STRUCTURE FOR DAMAGE FROM EROSION OR PIPING.
5. WHEN DRAINAGE AREA HAS BEEN COMPLETELY STABILIZED, THE RIP RAP FILTER RING SHALL BE REMOVED WITH THE APPROVAL OF THE ENGINEER.

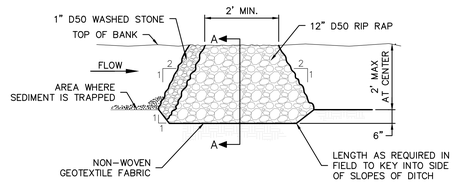
FR C STONE FILTER RING
NOT TO SCALE



CROSS SECTION A-A THRU STONE DITCH CHECK



SPACING BETWEEN DITCH CHECK



TYPICAL DITCH CHECK SECTION

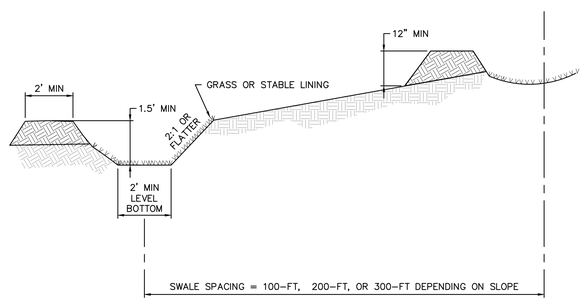
GENERAL NOTES:

1. ROCK DITCH CHECKS SHOULD NOT BE PLACED IN WATERS OF THE STATE OR USGS BLUE-LINE STREAMS (UNLESS APPROVED BY FEDERAL AUTHORITIES).
2. ROCK DITCH CHECKS SHOULD BE INSTALLED IN STEEPLY SLOPED CHANNELS WHERE ADEQUATE VEGETATION CANNOT BE ESTABLISHED. THIS BMP MEASURE SHOULD ONLY BE USED IN SMALL OPEN CHANNELS.
3. A NON-WOVEN GEOTEXTILE FABRIC SHALL BE INSTALLED OVER THE SOIL SURFACE WHERE THE ROCK DITCH CHECK IS TO BE PLACED.
4. THE BODY OF THE ROCK DITCH CHECK SHALL BE COMPOSED OF 12-INCH D50 RIPRAP. THE UPSTREAM FACE MAY BE COMPOSED OF 1-INCH D50 WASHED STONE.
5. ROCK DITCH CHECKS SHOULD NOT EXCEED A HEIGHT OF 2-FEET AT THE CENTERLINE OF THE CHANNEL.
6. ROCK DITCH CHECKS SHOULD HAVE A MINIMUM TOP FLOW LENGTH OF 2-FEET.
7. RIPRAP SHOULD BE PLACED OVER CHANNEL BANKS TO PREVENT WATER FROM CUTTING AROUND THE DITCH CHECK.
8. THE RIPRAP SHOULD BE PLACED BY HAND OR MECHANICAL PLACEMENT (NO DUMPING OF ROCK TO FORM DAM) TO ACHIEVE COMPLETE COVERAGE OF THE CHANNEL. DOING SO WILL ALSO ENSURE THAT THE CENTER OF THE CHECK IS LOWER THAN THE EDGES.
9. THE MAXIMUM SPACING BETWEEN THE DAMS SHOULD BE SUCH THAT THE TOE OF THE UPSTREAM CHECK IS AT THE SAME ELEVATION AS THE TOP OF THE DOWNSTREAM CHECK.

INSPECTION AND MAINTENANCE:

1. THE KEY TO FUNCTIONAL ROCK DITCH CHECK IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.
2. REGULAR INSPECTIONS OF ROCK DITCH CHECKS SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24-HOURS AFTER EACH RAINFALL EVEN THAT PRODUCES 1/2-INCH OR MORE OF PRECIPITATION.
3. ATTENTION TO SEDIMENT ACCUMULATIONS IN FRONT OF THE ROCK DITCH CHECK IS EXTREMELY IMPORTANT. ACCUMULATED SEDIMENT SHOULD BE CONTINUALLY MONITORED AND REMOVED WHEN NECESSARY.
4. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF THE ROCK DITCH CHECK.
5. REMOVED SEDIMENT SHALL BE PLACED IN STOCKPILE STORAGE AREAS OR SPREAD THINLY ACROSS DISTURBED AREA. STABILIZE THE REMOVED SEDIMENT AFTER IT IS RELOCATED.
6. INSPECT ROCK DITCH CHECKS' EDGES FOR EROSION AND EVIDENCE OF RUNOFF BYPASSING THE INSTALLED CHECK. IF EVIDENT REPAIR PROMPTLY AS NECESSARY TO PREVENT EROSION AND BYPASSING.
7. IN THE CASE OF GRASS-LINED DITCHES, CHANNELS, AND SWALES, ROCK DITCH CHECKS SHOULD BE REMOVED WHEN THE GRASS HAS MATURED SUFFICIENTLY TO PROTECT THE DITCH OR SWALE UNLESS THE SLOPE OF THE SWALE IS GREATER THAN 4%.
8. AFTER CONSTRUCTION IS COMPLETED AND FINAL STABILIZATION IS REACHED, THE ENTIRETY OF THE ROCK DITCH CHECK SHOULD BE REMOVED IF VEGETATION WILL BE USED FOR PERMANENT EROSION CONTROL MEASURES. THE AREA BENEATH THE REMOVED ROCK DITCH CHECK MUST BE ADDRESSED WITH PERMANENT STABILIZATION MEASURES.

DC OR D SCDHEC ROCK DITCH CHECK
NOT TO SCALE



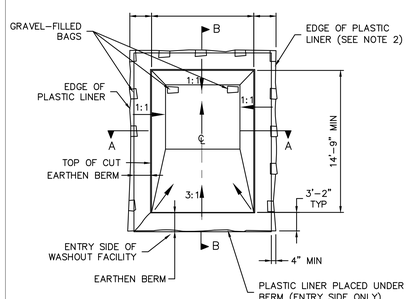
INSTALLATION NOTES:

1. THE BOTTOM WIDTH SHOULD BE A MINIMUM OF 2 FEET, AND THE BOTTOM SHOULD BE LEVEL.
2. THE DEPTH SHOULD BE A MINIMUM OF 1.5 FEET AND THE SIDE SLOPES SHOULD BE 2H:1V OR FLATTER.
3. THE MAXIMUM GRADE SHALL BE 5%, WITH POSITIVE DRAINAGE TO A SUITABLE OUTLET.
4. SLOPES SHALL BE STABILIZED IMMEDIATELY USING VEGETATION, SOD, AND EROSION CONTROL BLANKETS OR TURF REINFORCEMENT MATS TO PREVENT EROSION.
5. THE UPSLOPE SIDE OF THE SWALE SHOULD PROVIDE POSITIVE DRAINAGE SO NO EROSION OCCURS AT THE OUTLET. PROVIDE ENERGY DISSIPATION MEASURES AS NECESSARY.
6. SEDIMENT-LADEN RUNOFF SHALL BE DIRECTED TO A SEDIMENT TRAPPING FACILITY.

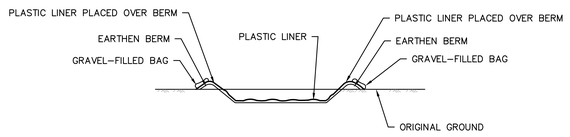
INSPECTION AND MAINTENANCE:

1. SWALES SHOULD BE INSPECTED, EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2 INCHES OR MORE OF PRECIPITATION AND REPAIRS MADE AS NECESSARY.
2. DAMAGE CAUSED BY CONSTRUCTION TRAFFIC OR OTHER ACTIVITY MUST BE REPAIRED BEFORE THE END OF EACH WORKING DAY.

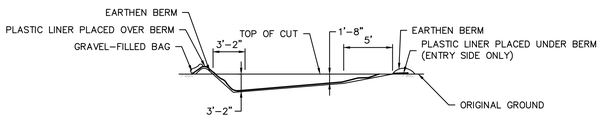
TDD B TEMPORARY DIVERSION DITCH
NOT TO SCALE



PLAN

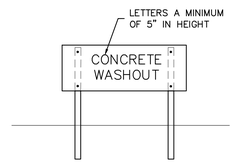


SECTION A-A



SECTION B-B

CW E BELOW GRADE CONCRETE WASHOUT
NOT TO SCALE



CONCRETE WASHOUT SIGN DETAIL

NOTES:

1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. INSTALL CONCRETE WASHOUT SIGN (24"X24", MINIMUM) WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. TEMPORARY WASHOUT AREA MUST BE AT LEAST 50' FROM A STORM DRAIN, CREEK BANK OR PERIMETER CONTROL.
4. CLEAN OUT CONCRETE WASHOUT AREA WHEN 50% FULL.
5. THE KEY TO FUNCTIONAL CONCRETE WASHOUTS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR CLEAN OUT.
6. SILT FENCE SHALL BE INSTALLED AROUND PERIMETER OF CONCRETE WASHOUT AREA EXCEPT FOR THE SIDE UTILIZED FOR ACCESSING THE WASHOUT.
7. A ROCK CONSTRUCTION ENTRANCE MAY BE NECESSARY ALONG ONE SIDE OF THE WASHOUT TO PROVIDE VEHICLE ACCESS.

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035253 ADC ENGINEERING INC. No. 00253 10/31/25 REGISTERED PROFESSIONAL ENGINEER JEFFREY WALKER HARDWICK

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REVISIONS:

No.	Description	Date

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

CIVIL DETAILS - SWPPP

C711

CONSTRUCTION DOCUMENTS

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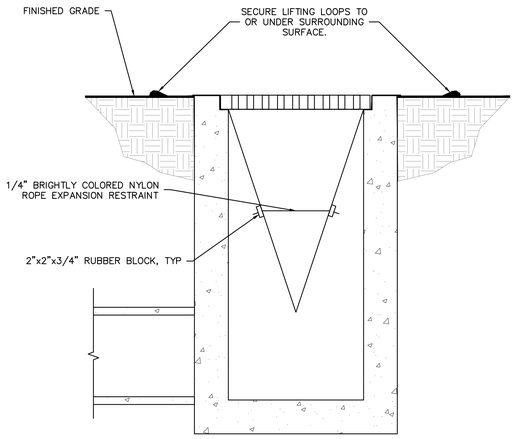
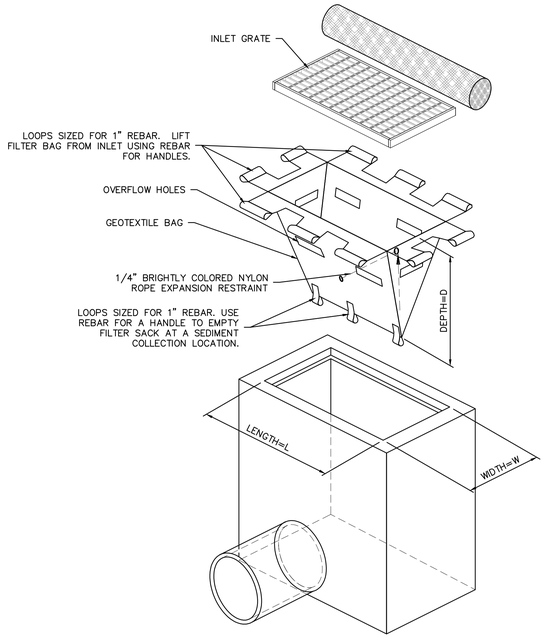


SECTION VIEW

PROFILE VIEW OF INSTALLED FILTER SACK



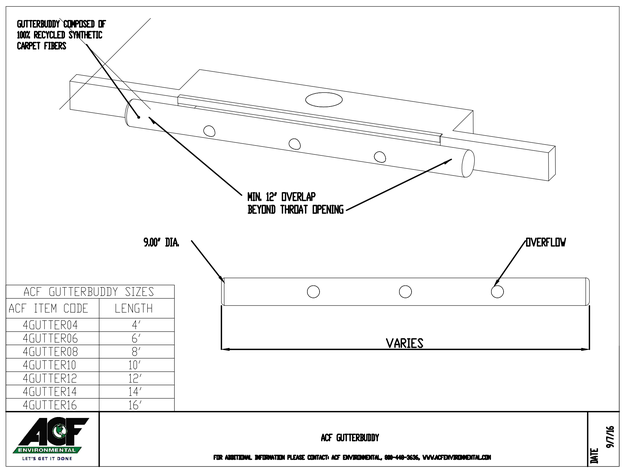
ISOMETRIC VIEW

LOW TO MODERATE FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	300 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	120 LBS
MULLEN BURST	ASTM D-3786	800 PSI
TRAPEZOID TEAR	ASTM D-4533	120 LBS
UV RESISTANCE	ASTM D-4355	80 %
APPARENT OPENING SIZE	ASTM D-4751	40 US SIEVE
FLOW RATE	ASTM D-4491	40 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	0.55 SEC $^{-1}$
MODERATE TO HIGH FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	265 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	135 LBS
MULLEN BURST	ASTM D-3786	420 PSI
TRAPEZOID TEAR	ASTM D-4533	45 LBS
UV RESISTANCE	ASTM D-4355	90 %
APPARENT OPENING SIZE	ASTM D-4751	20 US SIEVE
FLOW RATE	ASTM D-4491	200 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	1.5 SEC $^{-1}$

NOTES:

1. REMOVE TRAPPED SEDIMENT WHEN BRIGHTLY COLORED EXPANSION RESTRAINT CAN NO LONGER BE SEEN.
2. GEOTEXTILE SHALL BE A WOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS REQUIREMENTS IN THE SPECIFICATIONS TABLE.
3. PLACE AN OIL ADSORBENT PAD OR PILLOW OVER INLET GRATE WHEN OIL SPILLS ARE A CONCERN.
4. INSPECT PER REGULATORY REQUIREMENTS.
5. THE WIDTH, "W", OF THE FILTER SACK SHALL MATCH THE INSIDE WIDTH OF THE GRATED INLET BOX.
6. THE DEPTH, "D", OF THE FILTER SACK SHALL BE BETWEEN 18 INCHES AND 36 INCHES.
7. THE LENGTH, "L", OF THE FILTER SACK SHALL MATCH THE INSIDE LENGTH OF THE GRATED INLET BOX.

A FILTER SACK INLET PROTECTION
NOT TO SCALE



ACF GUTTERBUDDY SIZES	
ACF ITEM CODE	LENGTH
4GUTTER04	4'
4GUTTER06	6'
4GUTTER08	8'
4GUTTER10	10'
4GUTTER12	12'
4GUTTER14	14'
4GUTTER16	16'

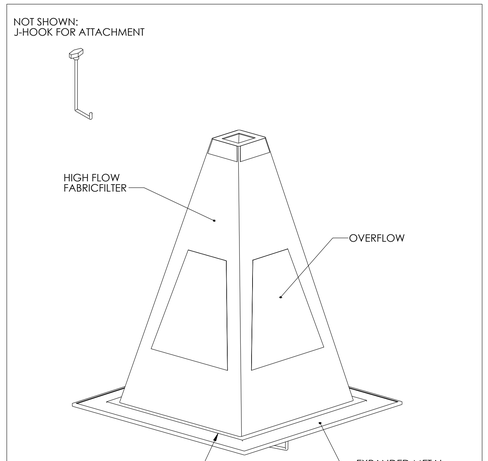
B CURB INLET PROTECTION
NOT TO SCALE

GENERAL NOTES:

1. CONTRACTOR SHALL UTILIZE ACF ENVIRONMENTAL GUTTERBUDDY INLET PROTECTION, OR APPROVED EQUAL, FOR CURB INLETS. APPROVED EQUAL SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
2. ONLY USE SURFACE CURB INLET FILTERS THAT ARE A MINIMUM LENGTH THAT IS 2-FEET LONGER THAN THE LENGTH OF THE CURB OPENING.
3. SURFACE COURSE INLETS FILTERS THAT ARE DESIGNED TO COMPLETELY BLOCK THE INLET OPENING ARE PROHIBITED. ACCEPTABLE INLET FILTERS SHOULD ALLOW FOR OVERFLOWS TO ENTER THE CATCH BASIN.
4. EACH FILTER SHOULD HAVE AGGREGATE COMPARTMENTS FOR STONE, SAND, AND OTHER WEIGHTED MATERIALS OR MECHANISMS TO HOLD THE UNIT IN PLACE. FILL AGGREGATE COMPARTMENTS TO A LEVEL (AT LEAST 1/2 FULL) TO HOLD THE FILTER IN PLACE AND CREATE A SEAL BETWEEN THE FILTER AND THE ROAD SURFACE..

INSPECTION AND MAINTENANCE:

1. THE KEY TO FUNCTIONAL INLET PROTECTION IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.
2. REGULAR INSPECTIONS OF ALL INLET PROTECTION SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2-INCH OR MORE OF PRECIPITATION.
3. ATTENTION TO SEDIMENT ACCUMULATIONS IN FRONT OF THE INLET PROTECTION IS EXTREMELY IMPORTANT. ACCUMULATED SEDIMENT SHOULD BE CONTINUALLY MONITORED AND REMOVED WHEN NECESSARY.
4. REMOVE ACCUMULATED SEDIMENT WHEN SILT AND/OR DEBRIS HAS BUILT UP AROUND THE FILTER PREVENTING STORMWATER TO FLOW THROUGH THE FILTER.
5. REMOVED SEDIMENT SHALL BE PLACED IN STOCKPILE STORAGE AREAS OR SPREAD THINLY ACROSS DISTURBED AREA. STABILIZE THE REMOVED SEDIMENT AFTER IT IS RELOCATED.
6. INLET PROTECTION STRUCTURES SHOULD BE REMOVED AFTER THE DISTURBED AREAS ARE PERMANENTLY STABILIZED. REMOVE ALL CONSTRUCTION MATERIAL AND SEDIMENT, AND DISPOSE OF THEM PROPERLY. GRADE THE DISTURBED AREA TO THE ELEVATION OF THE DROP INLET STRUCTURE CREST. STABILIZE ALL BARE AREAS IMMEDIATELY.



		STANDARD SIZES:		NAME	DATE
		PYMD2436: to fit 2' x 3' grate	DRAWN	ADB	7/21/15
		PYMD2448: To fit 2' x 4' grate	REVISED:		12/15/15
		PYMD3030: To fit 30" x 30" grate	ENG APPR.		
		PYMD3636: To fit 3' x 3' grate	MFG APPR.		
		PYMD4848: To fit 4' x 4' grate	Q.A.		
		MATERIAL			
		FINISH			
		NEXT ASSY USED ON			
		APPLICATION			

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ACF GRATE PYRAMID

SIZE A | DWG. NO: | REV:
SHEET 1 OF 1

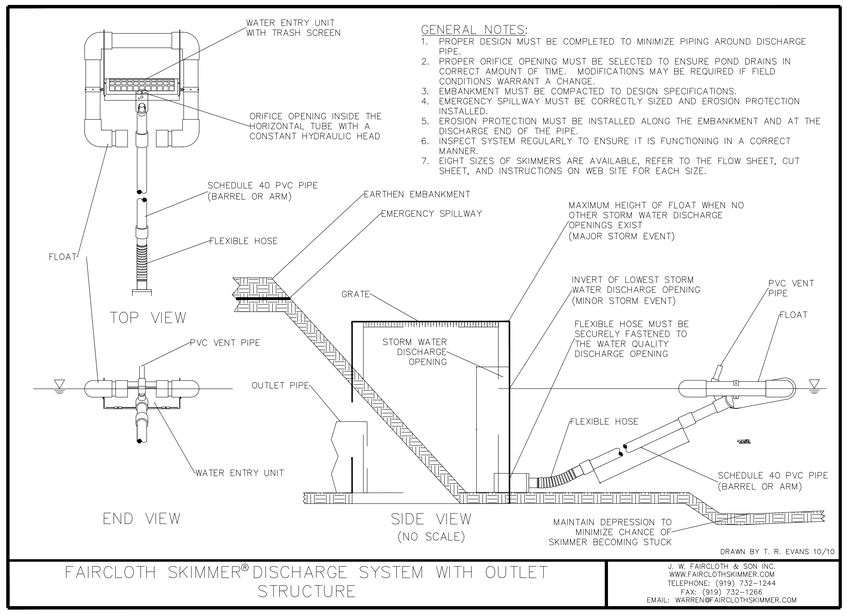
CONSTRUCTION NOTES:

1. CONTRACTOR SHALL INSTALL ACF ENVIRONMENTAL GRATE PYRAMID INLET PROTECTION, OR APPROVED EQUAL, FOR CATCH BASINS. APPROVED EQUAL SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL.
2. AT A MINIMUM, THE BASE OF THE GRATE PYRAMID UNIT SHOULD EXTEND 3" PAST THE GRATE IN ALL DIMENSIONS. THIS SIZING WAS CREATED TO ELIMINATE ANY CHANCES OF THE BASE BECOMING UNDERMINED BY THE FORCE OF WATER FLOW
3. FRAME INSTALLATION: PLACE THE FRAME ONTO THE CENTER OF THE BASE AND ALIGN SLOTS WITH OPENINGS IN GRATE. USE KNIFE OR RAZORBLADE TO CUT A HOLE TO INSERT THE J-HOOK. CONNECT J-HOOD ONTO THE BOTTOM LEDGE OF THE GRATE, AND THREAD THROUGH THE SLOT IN THE FRAME. USE A WASHER AND A WING NUT TO TIGHTEN THE HOOD, AND THEN SCREW THE TOP CAP ONTO THE THREAD ON THE HOOK. COMPLETE THIS ACTION FOR BOTH SLOTS AND HOOKS TO COMPLETELY CONNECT FRAME TO GRATE.
4. SLIDE THE OUTER FILTER OVER THE FRAME AND CONNECT BOTTOM FLAP TO VELCRO SHOWN ON PYRAMID BASE.

INSPECTION AND MAINTENANCE:

1. INSPECT MEASURES EVERY 7 CALENDAR DAYS FOR SEDIMENT AND DEBRIS ACCUMULATION AND DAMAGE.
2. SEDIMENT SHOULD BE REMOVED WHEN IT REACHES 1/2 HEIGHT OF THE PYRAMID IS COVERED.
3. REPLACE PYRAMID AND/OR COVER WHENEVER DAMAGED.

C CATCH BASIN INLET PROTECTION
NOT TO SCALE



GENERAL NOTES:

1. PROPER DESIGN MUST BE COMPLETED TO MINIMIZE PIPING AROUND DISCHARGE PIPE.
2. PROPER ORIFICE OPENING MUST BE SELECTED TO ENSURE POND DRAINS IN CORRECT AMOUNT OF TIME. MODIFICATIONS MAY BE REQUIRED IF FIELD CONDITIONS WARRANT A CHANGE.
3. EMBANKMENT MUST BE COMPACTED TO DESIGN SPECIFICATIONS.
4. EMERGENCY SPILLWAY MUST BE CORRECTLY SIZED AND EROSION PROTECTION INSTALLED.
5. EROSION PROTECTION MUST BE INSTALLED ALONG THE EMBANKMENT AND AT THE DISCHARGE END OF THE PIPE.
6. INSPECT SYSTEM REGULARLY TO ENSURE IT IS FUNCTIONING IN A CORRECT MANNER.
7. EIGHT SIZES OF SKIMMERS ARE AVAILABLE, REFER TO THE FLOW SHEET, CUT SHEET, AND INSTRUCTIONS ON WEB SITE FOR EACH SIZE.

DRAWN BY T. R. EVANS 10/10

FAIRCLOTH SKIMMER® DISCHARGE SYSTEM WITH OUTLET STRUCTURE

J. W. FAIRCLOTH & SON INC.
WWW.FAIRCLOTHSKIMMER.COM
TELEPHONE: (919) 732-1244
FAX: (919) 732-1266
EMAIL: WARREN@FAIRCLOTHSKIMMER.COM

D FAIRCLOTH SKIMMER
NOT TO SCALE

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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WWW.LS3P.COM

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL No. 00253 ADC ENGINEERING INC. OF AMERICA

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL No. 35165 RENE WALKER HARDWICK 10/31/25

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REVISIONS:

No.	Description	Date

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

CIVIL DETAILS - SWPPP

C712

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/EXISTING_Hampton County HS_v2022.rvt
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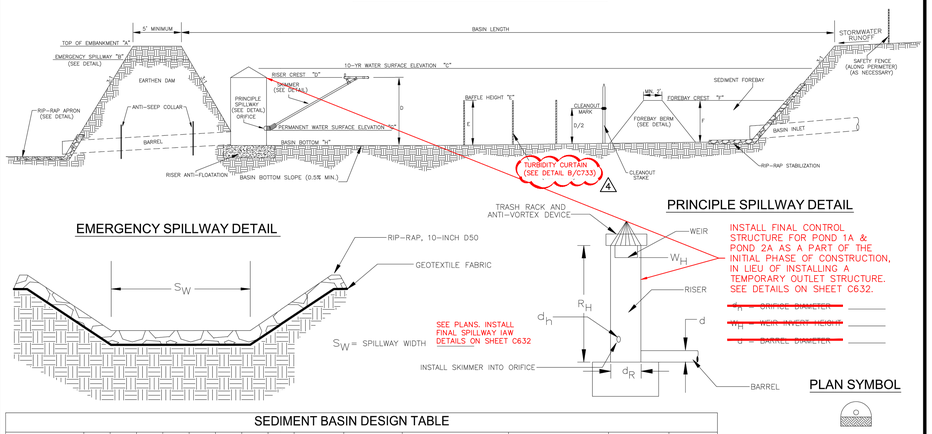
WET SEDIMENT BASIN SECTIONAL VIEW



EMERGENCY SPILLWAY DETAIL

PRINCIPLE SPILLWAY DETAIL

INSTALL FINAL CONTROL STRUCTURE FOR POND 1A & POND 2A AS A PART OF THE INITIAL PHASE OF CONSTRUCTION, IN LIEU OF INSTALLING A TEMPORARY OUTLET STRUCTURE. SEE DETAILS ON SHEET C632.

SEE PLANS, INSTALL FINAL SPILLWAY I.A.W DETAILS ON SHEET C632

d_H = ORIFICE DIAMETER
W_H = WEIR INVERT HEIGHT
d = BARREL DIAMETER

PLAN SYMBOL

SEDIMENT BASIN DESIGN TABLE

Sediment Basin Name/Number	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	Skimmer Size (in.)	Skimmer Orifice (in.)	Skimmer Daily Discharge Capacity (FT^3/DAY)	Skimmer Average Discharge Rate (CFS)	Dewatering Time (Days)	No. of Skimmers
BASIN #1	79.25'	78.25'	76.89'	5.0'	4.0'	76.75'	75.75'	75.00'	3"	1.375"	5,184	0.06	3	1
BASIN #2	79.20'	78.50'	76.10'	5.0'	4.0'	74.50'	73.50'	67.50'	3"	1.375"	5,184	0.06	3	1

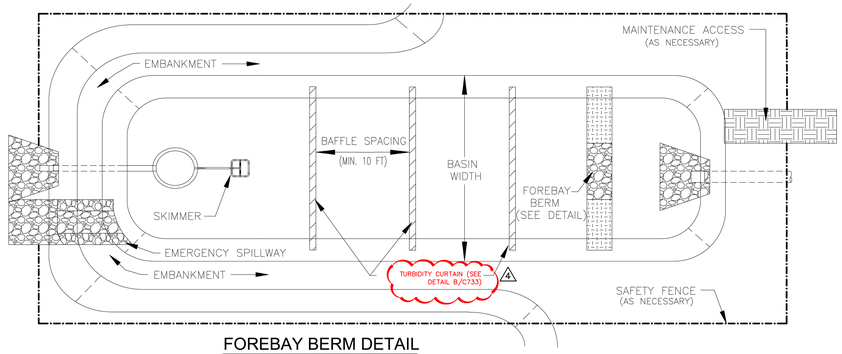
South Carolina Department of Health and Environmental Control

WET SEDIMENT BASIN

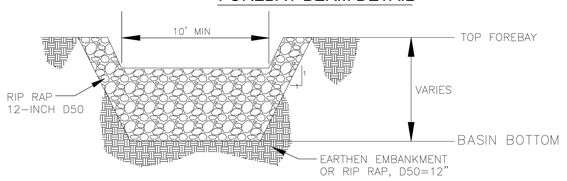
STANDARD DRAWING NO. SC-01A Page 1 of 3

NOT TO SCALE FEBRUARY 2014 DATE

WET SEDIMENT BASIN PLAN VIEW



FOREBAY BERM DETAIL



South Carolina Department of Health and Environmental Control

WET SEDIMENT BASIN

STANDARD DRAWING NO. SC-01A Page 2 of 3

NOT TO SCALE FEBRUARY 2014 DATE

WET SEDIMENT BASIN – GENERAL NOTES

1. Sediment basins should not be placed in Waters of the State or USGS blue–line streams (unless approved by Federal Authorities).
2. Sediment basin's side slopes shall be seeded and, when necessary, stabilized with vegetative or synthetic matting to prevent the formation of rills and gullies.
3. Install three (3) rows of porous baffles with a minimum spacing of 10 feet. Baffles should ultimately be placed to maximize the space between each row of baffles and the basin's inlets/outlets. Only two (2) rows of baffles are necessary for basins that are less than 50 feet in length.
4. Porous Baffles should be composed of coir–based materials or TRMs with a light penetration (open spaces) between 10–35%. These materials should not have loose straw. Silt Fence may not be used as Porous Baffles.
5. Each porous baffles shall be installed across the entire width of the basin and along the basin's side slope until the height of the baffle intersects the slope.
6. Install skimmer and coupling (as necessary) to riser structure at orifice along bottom of the principle spillway's riser structure. (Refer to skimmer manufacturer for installation procedures and skimmer specifications.)
7. Skimmer should be equipped with a mechanism, such as a rope, to allow easy access to skimmer to unclogged orifice or perform other necessary maintenance.
8. Stormwater runoff entering the basin must be directed into proper BMPs to prevent erosion along side slopes and to prevent scour at the basin's inlets.
9. The forebay berm should consist of riprap, gabion, or an earthen berm with a rock filled outlet that is constructed across the bottom of the basin's width.
10. An additional cleanout stake for the forebay area is recommended and should be marked for cleanout at 50% of provided sediment storage.
11. The elevation of the emergency spillway should be at least 1 foot below the top of the embankment. The emergency spillway should not be located on fill material, when possible. Riprap and geotextile liner should be placed on all spillways that must be located on fill material.

WET SEDIMENT BASIN – INSPECTION AND MAINTENANCE

1. The key to a functional sediment basin is weekly inspections, routine maintenance, and regular sediment removal.
2. Attention to sediment accumulations within the basin is extremely important. Accumulated sediment deposition should be continually checked and removed when necessary.
3. Remove accumulated sediment when it reaches 50% of the design sediment storage volume or 1/2 the height of the riser structure, whichever is reached first.
4. Removed sediment from the basin shall be placed in stockpile storage areas or spread thinly across the disturbed area. Stabilize the removed sediment after it is relocated.
5. Inspections of sediment basins should be conducted once every calendar week and, as recommended, within 24–hours of each rainfall event that produces ½–inch or more of precipitation.
6. All temporary sediment basins, which are not to be converted to a detention basin post–construction, should be removed within 30 days after final site stabilization is achieved.
7. Disturbed areas resulting from the removal of the sediment basin should be permanently stabilized and additional BMPs, such as silt fence, should be utilized to accept stormwater runoff from this disturbed area until final stabilization is reached.

(A) WET SEDIMENT BASIN
NOT TO SCALE

South Carolina Department of Health and Environmental Control

WET SEDIMENT BASIN

STANDARD DRAWING NO. SC-01A Page 3 of 3

GENERAL NOTES FEBRUARY 2014 DATE

Type I Light Duty Turbidity Curtain Product Sheet

ABAASCO Type I Turbidity Curtains are designed to contain sediment during Dredging, Marine Construction and Marine Repair. They are acceptable for use in calm areas that are protected from wind, current, tides and wave activity like Ponds or most quiet bodies of water such as a protected Inlet.

ABASCO Type I Light Duty Turbidity Curtains are the lighter of the two Type 1 Turbidity Curtains we make. Both Type 1 Turbidity Curtains have the same basic design but the Light Duty version is designed to cut some of the cost on projects that don't have the same requirements as DOT Curtains. We typically keep common sizes in stock with a 4" Float but they can be made to custom lengths and depths with larger flotation upon request.

Specifications:

Fabric: 14oz/yd² PVC Polyester Fabric and 22oz/yd² PVC Reinforced Kedar at End Connections and Filter Options

Flotation: EPS Foam contained with individually sealed Float Pockets

Ballast & Tension: 3/16" Galvanized Steel Chain – 0.33lbs/ft & 3,200lbs Breaking Strength

Connection: The Vertical Skirt Ends and Float Pocket include Grommets with reinforced Fabric Bolt Rope which can be Connected with Zip Ties, Fasteners or Rope. Chain Ends connected Shackle to Shackle. Tool Free Connections.





Options Include:

- Tapered Bottom Profile

Accessories:

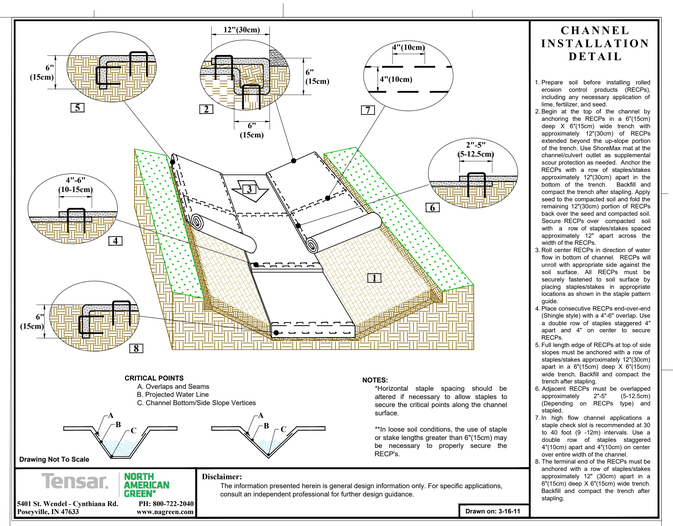
- Anchor Kits
- Rope
- Marker Buoys
- Solar Lights
- Repair Kits

ABASCO LLC
8561 East North Belt
Humble, TX 77396

www.ABASCO.com

sales@abasco.com
Main: 281-446-1500
Toll Free: 1-800-242-7745
Fax: 832-553-7498

(B) TURBIDITY CURTAIN
NOT TO SCALE



CRITICAL POINTS
A. Overlaps and Seams
B. Projected Water Line
C. Channel Bottom/Side Slope Vertices

NOTES:
"Horizontal staple spacing should be altered if necessary to allow staples to secure the critical points along the channel surface.

"In loose soil conditions, the use of staple or stake lengths greater than 6"(15cm) may be necessary to properly secure the RECPs.

Drawing Not To Scale

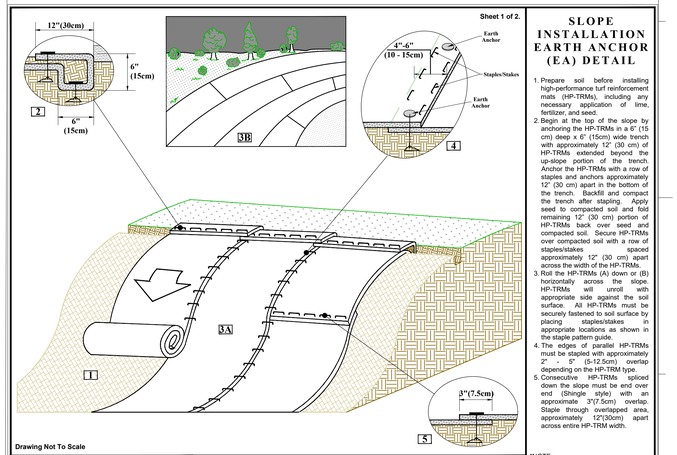
Tensar. NORTH AMERICAN GREEN
5401 St. Wendel - Cynthiana Rd.
Poseyville, IN 47633
PH: 800-722-2040
www.nagreen.com

Disclaimer:
The information presented herein is general design information only. For specific applications, consult an independent professional for further design guidance.

Drawn on: 3-16-11

CHANNEL INSTALLATION DETAIL

1. Prepare soil before installing rolled erosion control products (RECPs), including any necessary application of lime, fertilizer, and seed.
2. Begin at the top of the channel by anchoring the RECPs in a 6"(15cm) deep X 6"(15cm) wide trench with approximately 12"(30cm) of RECPs extended beyond the up-slope portion of the trench. Use ShoreMax mat at the channel/culvert outlet as supplemental scour protection as needed. Anchor the RECPs with a row of staples/stakes approximately 12"(30cm) apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to the compacted soil and fold the remaining 12"(30cm) portion of RECPs back over the seed and compacted soil. Secure RECPs over compacted soil with a row of staples/stakes spaced approximately 12" apart across the width of the RECPs.
3. Roll center RECPs in direction of water flow in bottom of channel. RECPs will unroll with appropriate side against the soil surface. All RECPs must be securely fastened to soil surface by placing staples/stakes in appropriate locations as shown in the staple pattern guide.
4. Place consecutive RECPs end-over-end (Shingle style) with a 4"-6" overlap. Use a double row of staples staggered 4" apart and 4" on center to secure RECPs.
5. Full length edge of RECPs at top of side slopes must be anchored with a row of staples/stakes approximately 12"(30cm) apart in a 6"(15cm) deep X 6"(15cm) wide trench. Backfill and compact the trench after stapling.
6. Adjacent RECPs must be overlapped approximately 2"-5" (5-12.5cm) (Depending on RECPs type) and stapled.
7. In high flow channel applications a staple check slot is recommended at 30 to 40 foot (9 -12m) intervals. Use a double row of staples staggered 4"(10cm) apart and 4"(10cm) on center over entire width of the channel.
8. The terminal end of the RECPs must be anchored with a row of staples/stakes approximately 12" (30cm) apart in a 6"(15cm) deep X 6"(15cm) wide trench. Backfill and compact the trench after stapling.



Drawing Not To Scale

Tensar. NORTH AMERICAN GREEN
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Poseyville, IN 47633
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Disclaimer:
The information presented herein is general design information only. For specific applications, consult an independent professional for further design guidance.

Drawn on: 03-07-11

SLOPE INSTALLATION EARTH ANCHOR (EA) DETAIL

1. Prepare soil before installing high-performance turf reinforcement mats (HP-TRMs), including any necessary application of lime, fertilizer, and seed.
2. Begin at the top of the slope by anchoring the HP-TRMs in a 6" (15 cm) deep x 6" (15cm) wide trench with approximately 12" (30 cm) of HP-TRMs extended beyond the up-slope portion of the trench. Anchor the HP-TRMs with a row of staples and anchors approximately 12" (30 cm) apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to compacted soil and fold remaining 12" (30 cm) portion of HP-TRMs back over seed and compacted soil. Secure HP-TRMs over compacted soil with a row of staples/stakes spaced approximately 12" (30 cm) apart across the width of the HP-TRMs.
3. Roll the HP-TRMs (A) down or (B) horizontally across the slope. HP-TRMs will unroll with appropriate side against the soil surface. All HP-TRMs must be securely fastened to soil surface by placing staples/stakes in appropriate locations as shown in the staple pattern guide.
4. The edges of parallel HP-TRMs must be stapled with approximately 2" - 5" (5-12.5cm) overlap depending on the HP-TRM type.
5. Consecutive HP-TRMs spliced down the slope must be end over end (Shingle style) with an approximate 3"(7.5cm) overlap. Staple through overlapped area, approximately 12"(30cm) apart across entire HP-TRM width.

*NOTE:
In loose soil conditions, the use of staple or stake lengths greater than 6"(15cm) may be necessary to properly secure the HP-TRMs.

(C) TURF REINFORCEMENT MATTING
NOT TO SCALE

HAMPTON COUNTY HIGH SCHOOL - PH. 2 - ATHLETICS

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

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 35165 10/31/25 JOHN WALKER HARDWICK REGISTERED

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No.	Description	Date

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

CIVIL DETAILS - SWPPP

C713

CONSTRUCTION DOCUMENTS

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SCDHEC STANDARD NOTES:

1. IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.

2. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
   - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
   - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.

3. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.

4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.

5. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.

6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.

7. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C REG. 72-300 ET SEQ. AND SCR100000.

8. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.

9. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.

10. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.

11. A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.

12. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.

13. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.

14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.

15. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.).

16. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
   - WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
   - WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
   - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
   - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.

17. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.

18. IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.

19. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

DEWATERING NOTES:

1. THE DESIGN, ADEQUACY AND OPERATION OF ANY AND ALL DEWATERING ACTIVITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

2. THE CONTRACTOR SHALL PROTECT ALL ADJACENT PROPERTIES, RIGHTS OF WAYS, NATURAL AREAS AND EXISTING UTILITY SYSTEMS FROM EROSION AND SEDIMENTATION ASSOCIATED WITH DEWATERING ACTIVITIES.

3. DEWATERING OF EXISTING PONDS OR LARGE PONDING AREAS SHALL ALWAYS UTILIZE A FLOATING INTAKE.

4. DEWATERING DISCHARGES SHALL ALWAYS BE DIRECTED THROUGH SUITABLE BEST MANAGEMENT PRACTICE (BMP) SUCH AS A TEMPORARY SEDIMENT POND/TRAP OR SEDIMENT TRAPPING DEWATERING BAG.

5. ALL DEWATERING ACTIVITIES SHOULD BE IN ACCORDANCE WITH THE SCDHEC CGP.

SCDHEC POST-CONSTRUCTION MAINTENANCE REQUIREMENTS

SYSTEM	MAINTENANCE REQUIREMENTS	MAINTENANCE FREQUENCY
A. VEGETATED AREAS	1. MOW GRASS 2. REMOVE ALL LITTER AND DEBRIS 3. REMOVE AND REPLACE DEAD OR DISEASED VEGETATION 4. REPLACE / REPLENISH MULCH 5. REMOVE WEEDS 6. PRUNE VEGETATION TO MAINTAIN APPEARANCE	1. MONTHLY 2. MONTHLY 3. SEMI-ANNUALLY 4. SEMI-ANNUALLY 5. SEMI-ANNUALLY 6. SEMI-ANNUALLY
B. STORM DRAINAGE SYSTEM	1. REMOVE ALL LITTER AND DEBRIS FROM PIPES 2. REMOVE SEDIMENT FROM DRAINAGE STRUCTURE SUMPS	1. ANNUALLY 2. ANNUALLY, OR WHEN SUMP VOLUME HAS BEEN REDUCED BY 50%
C. WET DETENTION PONDS	1. REMOVE ALL LITTER AND DEBRIS FROM POND 2. MOW STEEP SLOPES 3. REMOVE INVASIVE VEGETATION 4. INSPECT POND CONTROL, INLET AND OUTLET STRUCTURES 5. REPAIR EMBANKMENT AND SIDE SLOPES 6. REMOVE SEDIMENT FROM FOREBAY 7. REMOVE SEDIMENT FROM PERMANENT POOL	1. MONTHLY 2. MONTHLY 3. SEMI-ANNUALLY 4. ANNUALLY 5. ANNUALLY 6. ANNUALLY, OR AFTER 50% OF FOREBAY CAPACITY IS FILLED 7. EVERY 5 TO 10 YEARS OR AFTER 25% OF THE PERMANENT POOL VOLUME IS FILLED
D. DRY DETENTION PONDS	1. REMOVE ALL LITTER AND DEBRIS THAT MAY POLLUTE POND 2. INSPECT POND CONTROL, INLET AND OUTLET STRUCTURES 3. MOW SIDE SLOPES AND BOTTOM 4. REMOVE INVASIVE VEGETATION 5. REPAIR EMBANKMENT AND SIDE SLOPES	1. MONTHLY 2. ANNUALLY 3. MONTHLY 4. SEMI-ANNUALLY 5. ANNUALLY
E. GRASS LINED DITCHES AND SWALES	1. MOW SWALE SLOPES 2. REMOVE ALL LITTER AND DEBRIS 3. REPAIR SIDE SLOPES 4. REMOVE SEDIMENT BUILDUP WITHIN BOTTOM OF SWALE	1. MONTHLY 2. MONTHLY 3. ANNUALLY 4. ANNUALLY, OR WHEN SWALE VOLUME HAS BEEN REDUCED BY 25%
F. VEGETATED FILTER STRIPS	1. MOW GRASS 2. REMOVE ALL LITTER AND DEBRIS 3. REPAIR EROSION AND RILLS 4. REPAIR SPARSE VEGETATION	1. MONTHLY 2. MONTHLY 3. ANNUALLY 4. ANNUALLY

SCDHEC STORMWATER AS-BUILT/RECORD DRAWING REQUIREMENTS:

1. PRIOR TO SUBSTANTIAL COMPLETION AND PRIOR TO REQUESTING FINAL SITE INSPECTION BY SCDHEC THE CONTRACTOR SHALL PROVIDE AND RECEIVE APPROVAL OF AS-BUILT/RECORD DRAWINGS CONSISTING OF SURVEY DRAWINGS MEETING THE FOLLOWING REQUIREMENTS:

   A. FIELD SURVEYED DRAWINGS BASED ON AN AS-BUILT SURVEY OF NEWLY CONSTRUCTED STORM WATER MANAGEMENT FACILITIES WITH:

      (i) EXISTING GRADES/CONTOURS/DEPTHS OF THE FACILITY.
      (ii) ELEVATIONS AND DIMENSIONS OF ALL INLET/OUTLET STRUCTURES, INCLUDING:
      - PIPE AND ORIFICE INVERTS AND DIAMETERS.
      - WEIR ELEVATIONS AND DIMENSIONS.
      - RISER DIMENSIONS AND ELEVATIONS.
      - EMERGENCY SPILLWAY DIMENSIONS AND ELEVATIONS.
      - LOCATIONS AND INVERTS FOR ALL PIPES DISCHARGING INTO THE FACILITY.
      - LOCATIONS AND INVERTS FOR ALL PIPES EXITING THE FACILITY.
      - DETAILED SKETCHES OF THE STRUCTURES SHALL BE PROVIDED IF NECESSARY FOR CLARITY.

      (iii) SPOT ELEVATIONS ALONG THE TOP, BOTTOM AND SHELVES OF THE FACILITY'S EMBANKMENT.
      (iv) CONTOURS, DIMENSION, AND LOCATIONS OF ALL STRUCTURAL COMPONENTS (E.G., FOREBAYS, LEVEL SPREADERS, RIP RAP APRONS, INLET STRUCTURES, LOW FLOW CHANNELS) OF THE FACILITY.
      (v) TABLE OF ELEVATIONS AND ASSOCIATED CONTOUR AREA AT EACH ELEVATION FOR STAGE/STORAGE VERIFICATION. IF FACILITY IS SEPARATED INTO DIFFERENT BASINS OR FOREBAYS, THE TABLE SHALL PROVIDE AREA DATA FOR EACH SEPARATE BASIN.
      (vi) WETLAND AREAS

   B. AS-BUILT SURVEYS SHALL BE PREPARED IN STATE PLANE COORDINATES NAD 83 DATUM.

   C. AS-BUILT SURVEYS SHALL BE PREPARED USING THE SAME VERTICAL DATUM AS USED ON THE APPROVED DESIGN PLANS.

   D. ALL DRAWINGS SHALL BEAR THE FOLLOWING STATEMENTS SIGNED BY THE SURVEYOR:

      "I HEREBY SIGN, DATE AND AFFIX MY SEAL TO CERTIFY THAT THE AS-BUILT/RECORD DRAWING SURVEY SHOWN IS CORRECT AND ACCURATE."

      _____
      S.C. REGISTERED PROFESSIONAL LAND SURVEYOR

2. THE CONTRACTOR SHALL SUBMIT PRELIMINARY VERSIONS OF THE AS-BUILT/RECORD DRAWINGS TO THE ENGINEER FOR REVIEW PRIOR TO SUBMITTING TO SCDHEC FOR REVIEW.

3. UPON RECEIPT OF ANY COMMENTS FROM THE ENGINEER, THE CONTRACTOR SHALL MAKE ALL NECESSARY CORRECTIONS AND RESUBMIT FINAL VERSIONS OF THE AS-BUILT/RECORD DRAWINGS TO THE ENGINEER FOR FORWARDING TO SCDHEC FOR REVIEW AND/OR APPROVAL. THE NOTICE OF TERMINATION (NOT) AND AS-BUILTS CANNOT BE SUBMITTED TO SCDHEC FOR REVIEW UNTIL A MINIMUM OF 70% UNIFORM STABILIZATION FOR THE ENTIRE SITE IS COMPLETE.

4. UPON RECEIPT OF ANY COMMENTS FROM SCDHEC, THE CONTRACTOR SHALL MAKE ALL NECESSARY CORRECTIONS AND RESUBMIT CORRECTED FINAL VERSIONS OF THE AS-BUILT/RECORD DRAWINGS TO THE ENGINEER FOR FORWARDING TO SCDHEC FOR REVIEW AND/OR APPROVAL.

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

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 35165 — 10/31/25 — RENE WALKER HARDWICK

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REVISIONS:

No.	Description	Date

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

SWPPP/EROSION CONTROL NOTES

C720

CONSTRUCTION DOCUMENTS

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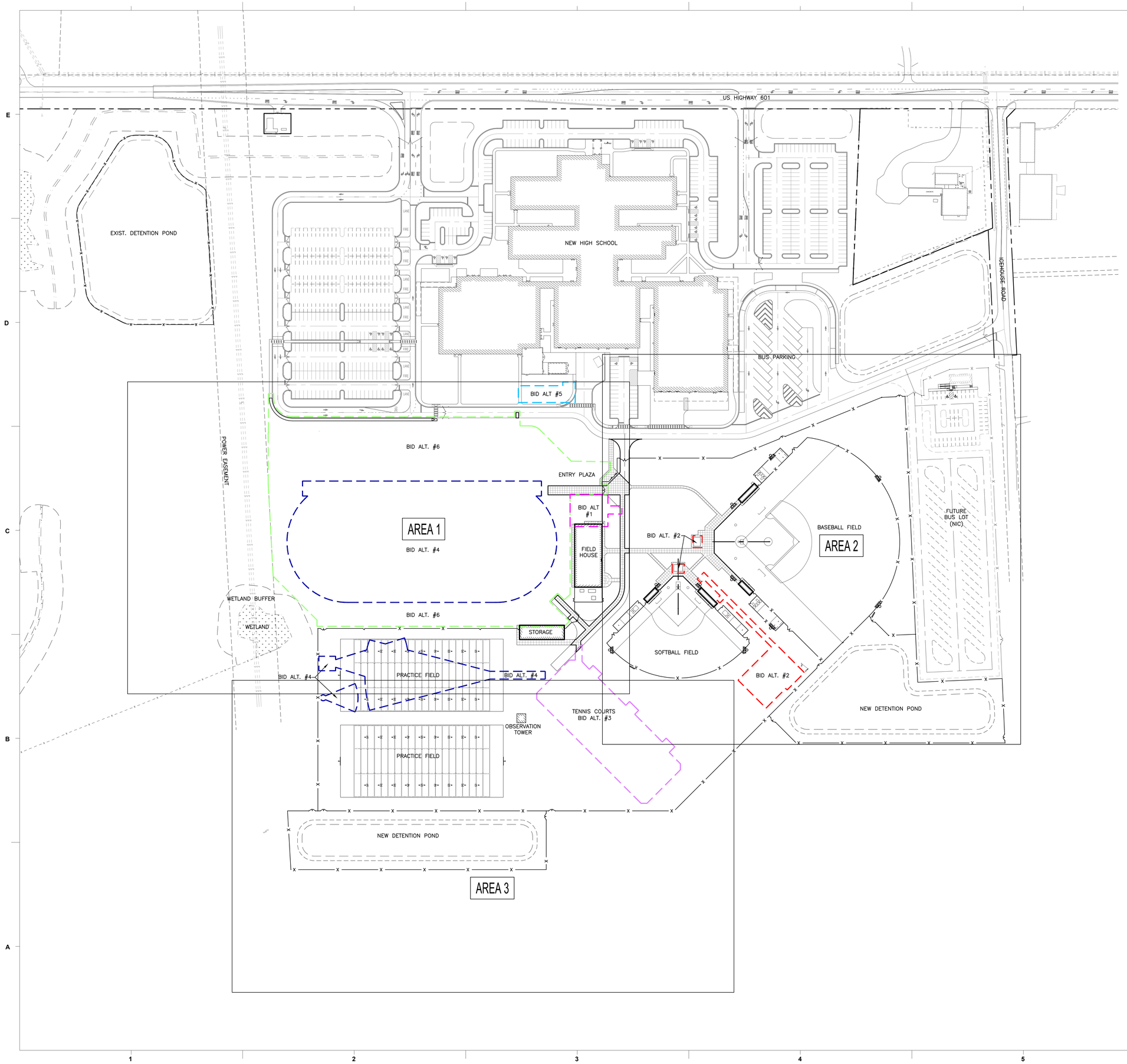

LEGEND – BID ALTERNATES

- 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.

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.

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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NORTH CAROLINA ADC ENGINEERING INC. No. 00253 REGISTERED LANDSCAPE ARCHITECT

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

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No.	Description	Date

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

BASE BID - LANDSCAPE SITE PLAN - OVERALL

L100

CONSTRUCTION DOCUMENTS

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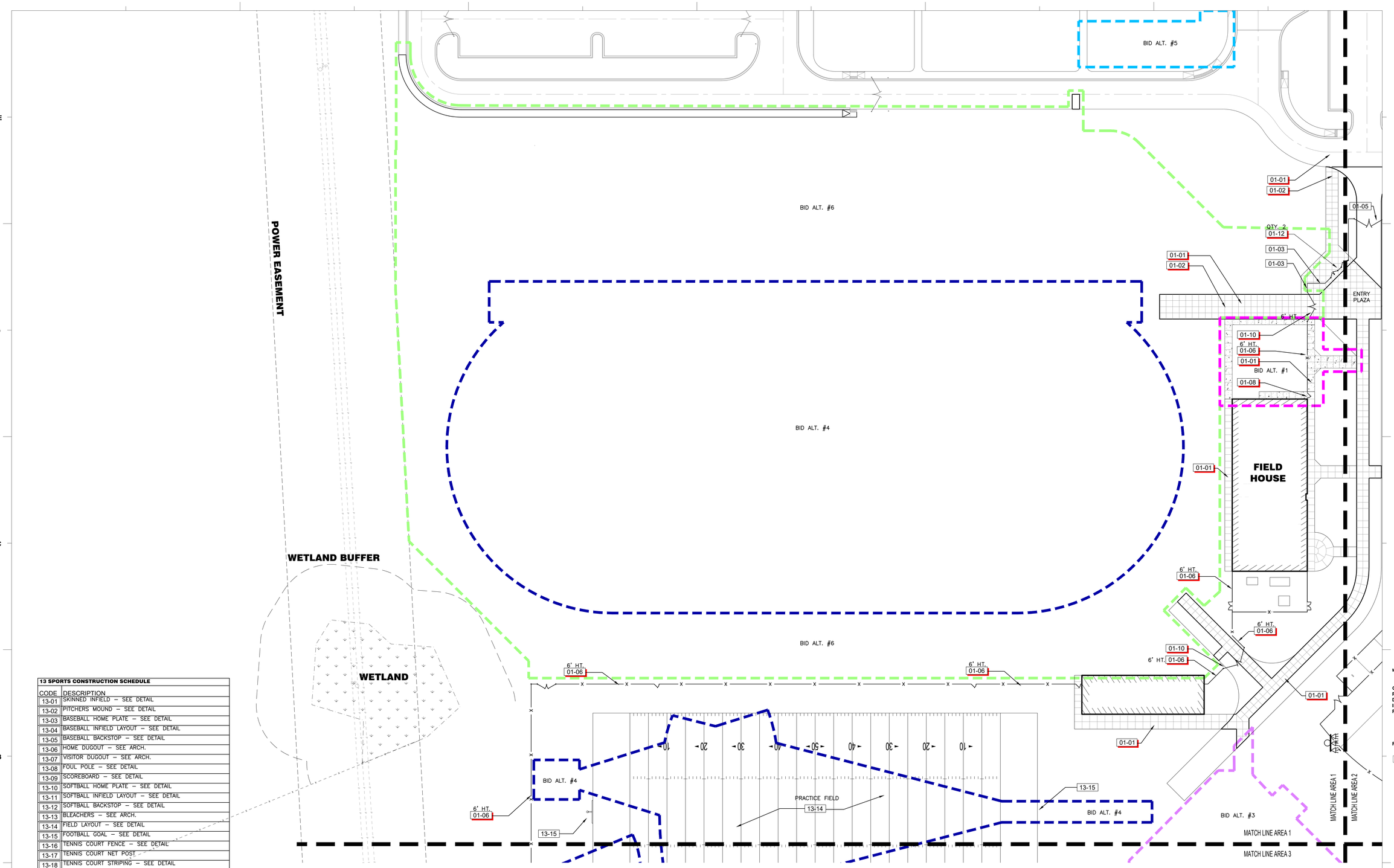

13 SPORTS CONSTRUCTION SCHEDULE	
CODE	DESCRIPTION
13-01	SKINNED INFIELD – SEE DETAIL
13-02	PITCHERS MOUND – SEE DETAIL
13-03	BASEBALL HOME PLATE – SEE DETAIL
13-04	BASEBALL INFIELD LAYOUT – SEE DETAIL
13-05	BASEBALL BACKSTOP – SEE DETAIL
13-06	HOME DUGOUT – SEE ARCH.
13-07	VISITOR DUGOUT – SEE ARCH.
13-08	FOUL POLE – SEE DETAIL
13-09	SCOREBOARD – SEE DETAIL
13-10	SOFTBALL HOME PLATE – SEE DETAIL
13-11	SOFTBALL INFIELD LAYOUT – SEE DETAIL
13-12	SOFTBALL BACKSTOP – SEE DETAIL
13-13	BLEACHERS – SEE ARCH.
13-14	FIELD LAYOUT – SEE DETAIL
13-15	FOOTBALL GOAL – SEE DETAIL
13-16	TENNIS COURT FENCE – SEE DETAIL
13-17	TENNIS COURT NET POST
13-18	TENNIS COURT STRIPING – SEE DETAIL
13-19	TENNIS COURT PAVEMENT – SEE DETAIL
13-20	TENNIS COURT CENTER STRAP – SEE DETAIL
13-21	TENNIS COURT NET
13-22	RUNNING TRACK LAYOUT – SEE DETAIL
13-23	RUNNING TRACK DETAILS – SEE DETAIL
13-24	POLE VAULT – SEE DETAIL
13-25	POLE VAULT PAD – SEE DETAIL
13-26	LONG JUMP – SEE DETAIL
13-27	LONG JUMP SANDPIT AND COVER – SEE DETAIL
13-28	DISCUS CAGE – SEE DETAIL
13-29	DISCUS PAD – SEE DETAIL
13-30	SHOTPUT TOEBOARD – SEE DETAIL
13-31	SHOTPUT CAGE – SEE DETAIL
13-32	SHOTPUT PIT – SEE DETAIL
13-33	TRACK SURFACING – SEE DETAIL
13-34	HIGH JUMP – SEE DETAIL
13-35	JAVELIN – SEE DETAIL
13-40	FLAGPOLE (30 HT.) – SEE DETAIL
13-42	TENNIS COURT SERVICE GATE
13-43	TENNIS COURT PLAYER GATE

01 GENERAL SCHEDULE	
CODE	DESCRIPTION
01-01	CONCRETE PAVEMENT – SEE CIVIL
01-02	CONCRETE SCORE JOINT
01-03	ORNAMENTAL FENCE – SEE DETAIL
01-04	ORNAMENTAL SINGLE GATE – SEE DETAIL
01-05	ORNAMENTAL DOUBLE GATE – SEE DETAIL
01-06	CHAIN LINK FENCE – SEE DETAIL
01-07	OUTFIELD FENCE – SEE DETAIL
01-08	CHAIN LINK GATE (4' WIDE) – SEE DETAIL
01-09	CHAIN LINK GATE (12' WIDE) – SEE DETAIL
01-10	CHAIN LINK GATE (24' WIDE) – SEE DETAIL
01-11	PANIC GATE (4' WIDE) – SEE DETAIL
01-12	PANIC GATE (8' WIDE) – SEE DETAIL
01-14	VEHICULAR GATE – SEE DETAIL 5/L301
01-15	BUS LOT SECURITY FENCE – SEE DETAIL

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.

GENERAL NOTES

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3. CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE THE EXTENT OF THE PROJECT.
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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

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 – ADC ENGINEERING INC. No. 00253 – CERTIFICATE OF AUTHORIZATION

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

MEMBERS OF THE AMERICAN INSTITUTE OF ARCHITECTS

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REVISIONS:

No.	Description	Date

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

BASE BID - LANDSCAPE SITE PLAN - AREA 1

L101

CONSTRUCTION DOCUMENTS

Autodesk Docs://1201-217190 Hampton County HS/EXISTING_Hampton County HS_v2023.rvt
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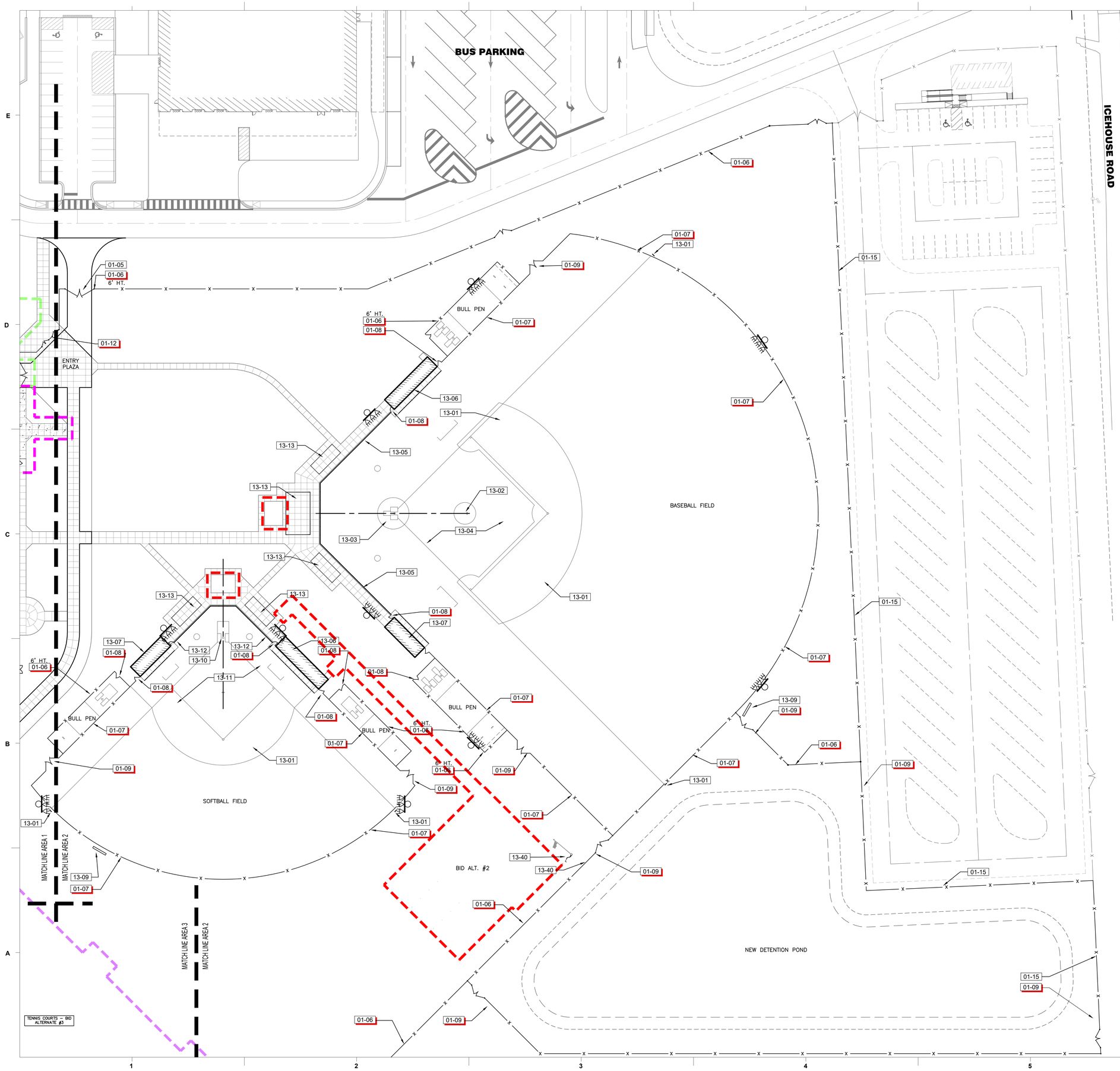

LEGEND – BID ALTERNATES

- 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.
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01 GENERAL SCHEDULE

CODE	DESCRIPTION
01-01	CONCRETE PAVEMENT – SEE CIVIL
01-02	CONCRETE SCORE JOINT
01-03	ORNAMENTAL FENCE – SEE DETAIL
01-04	ORNAMENTAL SINGLE GATE – SEE DETAIL
01-05	ORNAMENTAL DOUBLE GATE – SEE DETAIL
01-06	CHAIN LINK FENCE – SEE DETAIL
01-07	OUTFIELD FENCE – SEE DETAIL
01-08	CHAIN LINK GATE (4' WIDE) – SEE DETAIL
01-09	CHAIN LINK GATE (12' WIDE) – SEE DETAIL
01-10	CHAIN LINK GATE (24' WIDE) – SEE DETAIL
01-11	PANIC GATE (4' WIDE) – SEE DETAIL
01-12	PANIC GATE (8' WIDE) – SEE DETAIL
01-14	VEHICULAR GATE – SEE DETAIL 5/L301
01-15	BUS LOT SECURITY FENCE – SEE DETAIL

13 SPORTS CONSTRUCTION SCHEDULE

CODE	DESCRIPTION
13-01	SKINNED INFIELD – SEE DETAIL
13-02	PITCHERS MOUND – SEE DETAIL
13-03	BASEBALL HOME PLATE – SEE DETAIL
13-04	BASEBALL INFIELD LAYOUT – SEE DETAIL
13-05	BASEBALL BACKSTOP – SEE DETAIL
13-06	HOME DUGOUT – SEE ARCH.
13-07	VISITOR DUGOUT – SEE ARCH.
13-08	FOUL POLE – SEE DETAIL
13-09	SCOREBOARD – SEE DETAIL
13-10	SOFTBALL HOME PLATE – SEE DETAIL
13-11	SOFTBALL INFIELD LAYOUT – SEE DETAIL
13-12	SOFTBALL BACKSTOP – SEE DETAIL
13-13	BLEACHERS – SEE ARCH.
13-14	FIELD LAYOUT – SEE DETAIL
13-15	FOOTBALL GOAL – SEE DETAIL
13-16	TENNIS COURT FENCE – SEE DETAIL
13-17	TENNIS COURT NET POST
13-18	TENNIS COURT STRIPING – SEE DETAIL
13-19	TENNIS COURT PAVEMENT – SEE DETAIL
13-20	TENNIS COURT CENTER STRAP – SEE DETAIL
13-21	TENNIS COURT NET
13-22	RUNNING TRACK LAYOUT – SEE DETAIL
13-23	RUNNING TRACK DETAILS – SEE DETAIL
13-24	POLE VAULT – SEE DETAIL
13-25	POLE VAULT PAD – SEE DETAIL
13-26	LONG JUMP – SEE DETAIL
13-27	LONG JUMP SANDPIT AND COVER – SEE DETAIL
13-28	DISCUS CAGE – SEE DETAIL
13-29	DISCUS PAD – SEE DETAIL
13-30	SHOTPUT TOEBOARD – SEE DETAIL
13-31	SHOTPUT CAGE – SEE DETAIL
13-32	SHOTPUT PIT – SEE DETAIL
13-33	TRACK SURFACING – SEE DETAIL
13-34	HIGH JUMP – SEE DETAIL
13-35	JAVELIN – SEE DETAIL
13-40	FLAGPOLE (30 HT.) – SEE DETAIL
13-42	TENNIS COURT SERVICE GATE
13-43	TENNIS COURT PLAYER GATE

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT ADC ENGINEERING INC. No. 00253

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

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REVISIONS:

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BASE BID - LANDSCAPE SITE PLAN - AREA 2

L102

CONSTRUCTION DOCUMENTS

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