RECORD OF SUBSURFACE EXPLORATION

WHITESTONE

Boring No.: B-1 — Page 1 of 2

Project: White Plains High School Improvements — **WAI Project No.:** GJ2219662.Y00
Location: 550 North Street; White Plains, Westchester County, NY — **Client:** H2M Architects & Engineers

Surface Elevation:	± NS feet	**Date Started:**	10/10/2022
Termination Depth:	27.0 feet bgs	**Date Completed:**	10/10/2022
Proposed Location:	Building	**Logged By:**	MO
Drill / Test Method:	HSA / SPT	**Contractor:**	ECG
		Equipment:	AMS-9580

Water Depth | Elevation (feet bgs) | (feet)		Cave-In Depth | Elevation (feet bgs) | (feet)	
During:	9.0 (P) | NS	**At Completion:**	--- | ---
At Completion:	--- | ---	**24 Hours:**	--- | ---
24 Hours:	--- | ---		

SAMPLE INFORMATION						DEPTH	STRATA	DESCRIPTION OF MATERIALS (Classification)	REMARKS
Depth (feet)	No	Type	Blows Per 6"	Rec (in.)	N	(feet)			
						0.0			
0 - 2	S-1	X	2 - 2 - 2 - 2	15	4	0.5	TOPSOIL	6" Topsoil	
							GLACIAL DEPOSITS	Light Brown Silty Sand, Moist, Very Loose (SM)	
2 - 4	S-2	X	3 - 9 - 14 - 21	14	23	4.0		As Above, with Gravel, Medium Dense (SM)	
4 - 6	S-3	X	13 - 14 - 14 - 10	18	28	5.0		As Above (SM)	
6 - 8	S-4	X	10 - 11 - 11 - 9	18	22	8.0		As Above (SM)	
8 - 10	S-5	X	9 - 8 - 10 - 11	16	18	10.0		As Above, Wet (SM)	
10 - 12	S-6	X	5 - 15 - 16 - 21	18	31	15.0		As Above, Grayish-Brown, Dense (SM)	
15 - 15.9	S-7	X	37 - 50/5"	10	50/5"	20.0		As Above, Very Dense (SM)	
20 - 21.4	S-8	X	34 - 35 - 36 - 50/4"	-	71	25.0		As Above, Gray (SM)	

NOTES: bgs = below ground surface, NA = Not Applicable, NE = Not Encountered, NS = Not Surveyed, P = Perched

RECORD OF SUBSURFACE EXPLORATION 19662_Blogs 11/2/2022

RECORD OF SUBSURFACE EXPLORATION

WHITESTONE

Boring No.: B-1 — Page 2 of 2

Project: White Plains High School Improvements — **WAI Project No.:** GJ2219662.Y00
Location: 550 North Street; White Plains, Westchester County, NY — **Client:** H2M Architects & Engineers

Surface Elevation:	± NS feet	**Date Started:**	10/10/2022
Termination Depth:	27.0 feet bgs	**Date Completed:**	10/10/2022
Proposed Location:	Building	**Logged By:**	MO
Drill / Test Method:	HSA / SPT	**Contractor:**	ECG
		Equipment:	AMS-9580

Water Depth | Elevation (feet bgs) | (feet)		Cave-In Depth | Elevation (feet bgs) | (feet)	
During:	9.0 (P) | NS	**At Completion:**	--- | ---
At Completion:	--- | ---	**24 Hours:**	--- | ---
24 Hours:	--- | ---		

SAMPLE INFORMATION						DEPTH	STRATA	DESCRIPTION OF MATERIALS (Classification)	REMARKS
Depth (feet)	No	Type	Blows Per 6"	Rec (in.)	N	(feet)			
						25.0			
25 - 25.4	S-9	X	50/4"	-	50/4"	27.0	GLACIAL DEPOSITS	Light Brown Poorly Graded Sand, Wet, Very Dense (SP)	
								Boring Log B-1 Terminated at a Depth of 27.0 Feet Below Ground Surface Due to Auger Refusal	Auger Refusal @ 27.0 ftgs

NOTES: bgs = below ground surface, NA = Not Applicable, NE = Not Encountered, NS = Not Surveyed, P = Perched

RECORD OF SUBSURFACE EXPLORATION 19662_Blogs 11/2/2022

RECORD OF SUBSURFACE EXPLORATION

WHITESTONE

Boring No.: B-2 — Page 1 of 2

Project: White Plains High School Improvements — **WAI Project No.:** GJ2219662.Y00
Location: 550 North Street; White Plains, Westchester County, NY — **Client:** H2M Architects & Engineers

Surface Elevation:	± NS feet	**Date Started:**	10/10/2022
Termination Depth:	28.4 feet bgs	**Date Completed:**	10/10/2022
Proposed Location:	Building	**Logged By:**	MO
Drill / Test Method:	HSA / SPT	**Contractor:**	ECG
		Equipment:	AMS-9580

Water Depth | Elevation (feet bgs) | (feet)		Cave-In Depth | Elevation (feet bgs) | (feet)	
During:	10.0 (P) | NS	**At Completion:**	--- | ---
At Completion:	--- | ---	**24 Hours:**	--- | ---
24 Hours:	--- | ---		

SAMPLE INFORMATION						DEPTH	STRATA	DESCRIPTION OF MATERIALS (Classification)	REMARKS
Depth (feet)	No	Type	Blows Per 6"	Rec (in.)	N	(feet)			
						0.0			
0 - 2	S-1	X	1 - 1 - 1 - 2	15	2	0.5	TOPSOIL	6" Topsoil	
							GLACIAL DEPOSITS	Brown Silt, Moist, Soft (ML)	Qu = 0.5 tsf
2 - 4	S-2	X	3 - 2 - 1 - 3	14	3			As Above, Light Brown (ML)	Qu = 0.5 tsf
4 - 6	S-3	X	6 - 11 - 13 - 16	17	24			Brown Silty Sand with Gravel, Moist, Medium Dense (SM)	
6 - 8	S-4	X	12 - 13 - 17 - 16	18	30			As Above, Dense (SM)	
8 - 10	S-5	X	11 - 15 - 11 - 13	24	26	10.0		As Above, Very Moist, Medium Dense (SM)	
10 - 12	S-6	X	8 - 10 - 13 - 18	22	23	15.0		As Above, Wet (SM)	
15 - 17	S-7	X	32 - 37 - 43 - 50	24	60	20.0		Gray Poorly Graded Sand with Gravel, Moist, Very Dense (SP)	
20 - 22	S-8	X	14 - 15 - 21 - 21	16	36	25.0		Gray/Brown Silty Sand, Wet, Dense (SM)	

NOTES: bgs = below ground surface, NA = Not Applicable, NE = Not Encountered, NS = Not Surveyed, P = Perched

RECORD OF SUBSURFACE EXPLORATION 19662_Blogs 11/2/2022

RECORD OF SUBSURFACE EXPLORATION

WHITESTONE

Boring No.: B-2 — Page 2 of 2

Project: White Plains High School Improvements — **WAI Project No.:** GJ2219662.Y00
Location: 550 North Street; White Plains, Westchester County, NY — **Client:** H2M Architects & Engineers

Surface Elevation:	± NS feet	**Date Started:**	10/10/2022
Termination Depth:	28.4 feet bgs	**Date Completed:**	10/10/2022
Proposed Location:	Building	**Logged By:**	MO
Drill / Test Method:	HSA / SPT	**Contractor:**	ECG
		Equipment:	AMS-9580

Water Depth | Elevation (feet bgs) | (feet)		Cave-In Depth | Elevation (feet bgs) | (feet)	
During:	10.0 (P) | NS	**At Completion:**	--- | ---
At Completion:	--- | ---	**24 Hours:**	--- | ---
24 Hours:	--- | ---		

SAMPLE INFORMATION						DEPTH	STRATA	DESCRIPTION OF MATERIALS (Classification)	REMARKS
Depth (feet)	No	Type	Blows Per 6"	Rec (in.)	N	(feet)			
						25.0			
26 - 26.8	S-9	X	27 - 50/3"	3	50/3"		GLACIAL DEPOSITS	Gray Sand with Gravel, Wet, Very Dense (SP)	
28 - 28.4	S-10	X	50/5"	4	50/5"	28.5		Gray Sand with Gravel, Wet, Very Dense (SP)	Auger Refusal @ 28.5 ftgs
								Boring Log B-2 Terminated at a Depth of 28.4 Feet Below Ground Surface Due to Auger and Spoon Refusal	Spoon Refusal @ 28.4 ftgs

NOTES: bgs = below ground surface, NA = Not Applicable, NE = Not Encountered, NS = Not Surveyed, P = Perched

RECORD OF SUBSURFACE EXPLORATION 19662_Blogs 11/2/2022

RECORD OF SUBSURFACE EXPLORATION

WHITESTONE

Boring No.: B-3 — Page 1 of 1

Project: White Plains High School Improvements — **WAI Project No.:** GJ2219662.Y00
Location: 550 North Street; White Plains, Westchester County, NY — **Client:** H2M Architects & Engineers

Surface Elevation:	± NS feet	**Date Started:**	10/11/2022
Termination Depth:	4.0 feet bgs	**Date Completed:**	10/11/2022
Proposed Location:	Building	**Logged By:**	MO
Drill / Test Method:	HSA / SPT	**Contractor:**	ECG
		Equipment:	AMS-9580

Water Depth | Elevation (feet bgs) | (feet)		Cave-In Depth | Elevation (feet bgs) | (feet)	
During:	--- | ---	**At Completion:**	--- | ---
At Completion:	NE | ---	**24 Hours:**	--- | ---
24 Hours:	--- | ---		

SAMPLE INFORMATION						DEPTH	STRATA	DESCRIPTION OF MATERIALS (Classification)	REMARKS
Depth (feet)	No	Type	Blows Per 6"	Rec (in.)	N	(feet)			
						0.0			
						0.5	TOPSOIL	6" Topsoil	
0.5 - 2	S-1	X	2 - 4 - 7 - 7	14	11		GLACIAL DEPOSITS	Brown Silty Sand with Gravel, Moist, Medium Dense (SM)	
2 - 4	S-2	X	7 - 11 - 32 - 49	15	43	4.0		As Above, with Gravel (SM)	
						5.0		Boring Log B-3 Terminated at a Depth of 4.0 Feet Below Ground Surface Due to Auger Refusal	

NOTES: bgs = below ground surface, NA = Not Applicable, NE = Not Encountered, NS = Not Surveyed, P = Perched

RECORD OF SUBSURFACE EXPLORATION 19662_Blogs 11/2/2022

RECORD OF SUBSURFACE EXPLORATION

WHITESTONE

Boring No.: B-4 — Page 1 of 1

Project: White Plains High School Improvements — **WAI Project No.:** GJ2219662.Y00
Location: 550 North Street; White Plains, Westchester County, NY — **Client:** H2M Architects & Engineers

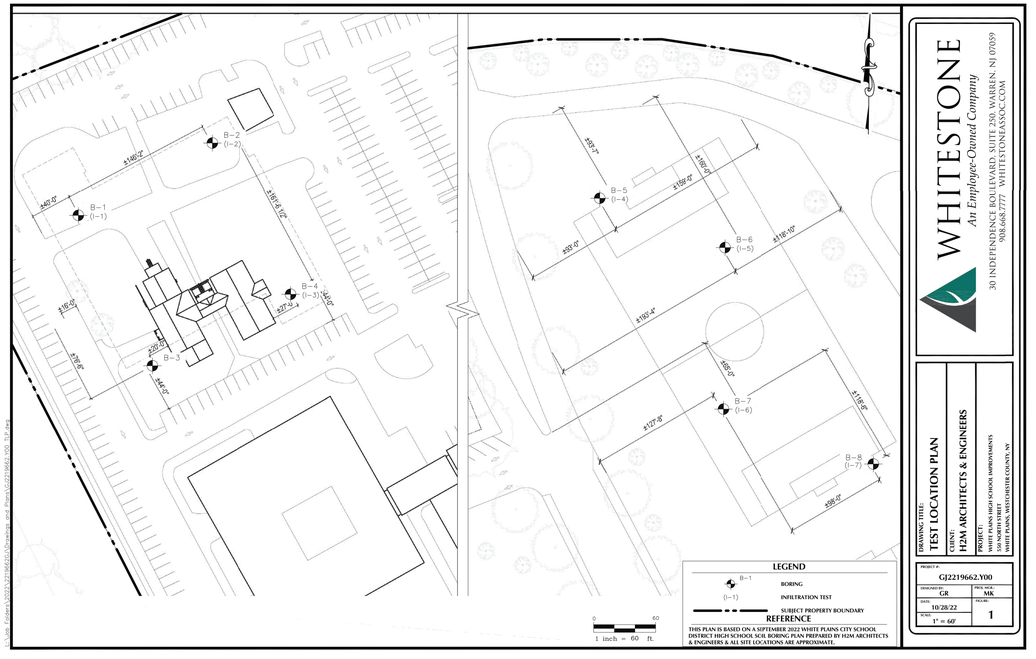
Surface Elevation:	± NS feet	**Date Started:**	10/11/2022
Termination Depth:	12.0 feet bgs	**Date Completed:**	10/11/2022
Proposed Location:	Building	**Logged By:**	MO
Drill / Test Method:	HSA / SPT	**Contractor:**	ECG
		Equipment:	AMS-9580

Water Depth | Elevation (feet bgs) | (feet)		Cave-In Depth | Elevation (feet bgs) | (feet)	
During:	NE | ---	**At Completion:**	--- | ---
At Completion:	NE | ---	**24 Hours:**	--- | ---
24 Hours:	--- | ---		

SAMPLE INFORMATION						DEPTH	STRATA	DESCRIPTION OF MATERIALS (Classification)	REMARKS
Depth (feet)	No	Type	Blows Per 6"	Rec (in.)	N	(feet)			
						0.0			
						0.5	TOPSOIL	6" Topsoil	
0 - 2	S-1	X	1 - 1 - 1 - 2	13	2		GLACIAL DEPOSITS	Brown Silty Sand, Moist, Very Loose (SM)	
2 - 4	S-2	X	3 - 6 - 3 - 11	15	9			As Above, Loose (SM)	
4 - 6	S-3	X	12 - 11 - 10 - 10	12	21	5.0		As Above, Medium Dense (SM)	
6 - 8	S-4	X	12 - 10 - 10 - 10	14	20			As Above (SM)	
8 - 10	S-5	X	9 - 10 - 31 - 22	15	41	10.0		As Above, with Gravel, Dense (SM)	
10 - 11.9	S-6	X	32 - 26 - 16 - 50/5"	15	42	12.0		As Above (SM)	Auger Refusal @ 12.0 ftgs
						15.0		Boring Log B-4 Terminated at a Depth of 12.0 Feet Below Ground Surface Due to Auger and Spoon Refusal	Spoon Refusal @ 12.0 ftgs

NOTES: bgs = below ground surface, NA = Not Applicable, NE = Not Encountered, NS = Not Surveyed, P = Perched

RECORD OF SUBSURFACE EXPLORATION 19662_Blogs 11/2/2022



WHITESTONE
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908.668.7777 WHITESTONEASSOC.COM

DRAWING TITLE: TEST LOCATION PLAN
CLIENT: H2M ARCHITECTS & ENGINEERS
PROJECT: WHITE PLAINS HIGH SCHOOL IMPROVEMENTS 550 NORTH STREET WHITE PLAINS, WESTCHESTER COUNTY, NY

PROJECT #:	GJ2219662.Y00
DRAWN BY: GR	REVIEWED BY: MK
DATE: 10/28/22	SCALE: 1
SCALE: 1" = 60'	

SUBSURFACE EXPLORATION DATA

FOR INFORMATION ONLY - NOT PART OF CONTRACT DOCUMENTS THE FOLLOWING DATA IS OFFERED SOLELY FOR THE PURPOSE OF PLACING BIDDERS IN RECEIPT OF INFORMATION AVAILABLE, AND IN NO EVENT IS TO BE CONSIDERED A PART OF CONTRACT DOCUMENTS. THE BIDDER MAY INTERPRET SUCH DATA ACCORDING TO HIS/HER OWN JUDGEMENT AND ACKNOWLEDGES THAT HE/SHE IS NOT RELYING UPON THE SAME AS ACCURATELY DESCRIBING THE SUBSURFACE CONDITIONS WHICH MAY BE FOUND TO EXIST. THE BIDDER FURTHER ACKNOWLEDGES THAT HE/SHE ASSUMES ALL RISK CONTINGENT UPON THE NATURE OF THE SUBSURFACE CONDITIONS TO BE ACTUALLY ENCOUNTERED BY HIM/HER IN PERFORMING THE WORK OF THE CONTRACT, EVEN THOUGH SUCH ACTUAL CONDITIONS MAY RESULT IN THE BIDDER PERFORMING MORE OR LESS WORK THAN HE/SHE ORIGINALLY ANTICIPATED.

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CONSULTANTS:

MARK	DATE	DESCRIPTION
-	07-24-2023	FINAL BID SET
1	08-07-2023	ADDENDUM NO. 1

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
CWP	DOD/INPO	CWP	KMM

PROJECT No.:	DATE:	SCALE:
WPSD 2206	AUGUST 2023	AS SHOWN

CLIENT:
White Plains City School District

WHITE PLAINS HIGH SCHOOL UPGRADES AND TURF FIELD

550 North Street
White Plains, NY 10605

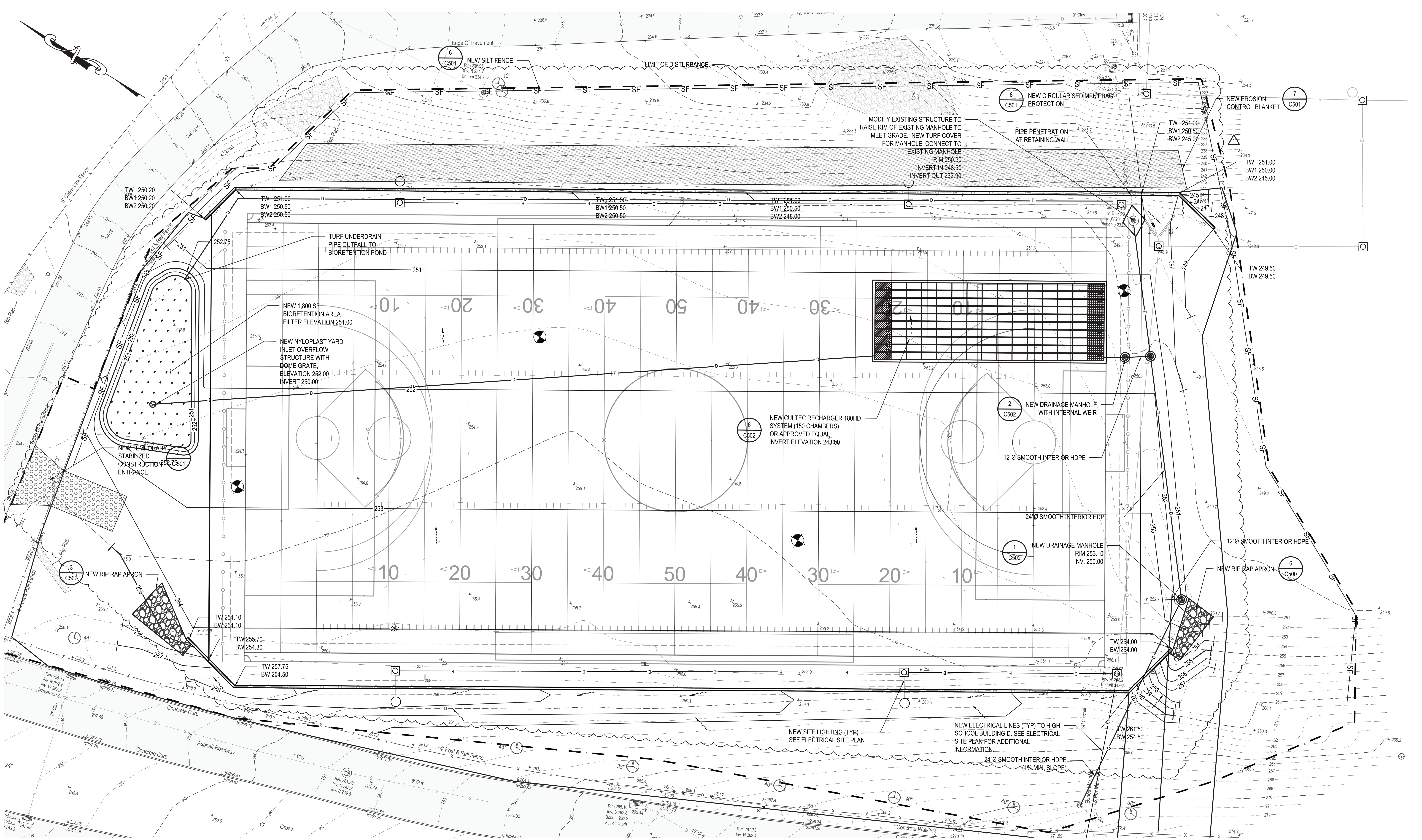
SED No. 66-22-00-01-0-16-029

CONTRACT
CONTRACT G
GENERAL CONSTRUCTION

STATUS
FINAL BID SET

SHEET TITLE
RECORD OF SUBSURFACE EXPLORATION AND SOIL BORING INFORMATION

DRAWING No.
SB100.00



GRADING AND DRAINAGE NOTES:

1. FOR NEW CONSTRUCTION THAT MEETS EXISTING CONDITIONS, ABUTTING SURFACES SHALL BE FLUSH AND ALIGNED.
2. ADJUST ALL EXISTING CASTINGS AND VALVE COVERS TO MEET PROPOSED GRADE.
3. CONSTRUCTION DEBRIS AND EXCESS SOIL SHALL BE REMOVED AND LEGALLY DISPOSED OFF SITE.
4. UNSUITABLE SOILS ENCOUNTERED DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER IMMEDIATELY IN WRITING BEFORE REMOVAL OR DISTURBANCE.

PIPE MATERIAL SPECIFICATIONS:

- LINEAR LEACHING CHAMBERS TO MANHOLE CONNECTION: 12" Ø SMOOTH INTERIOR HDPE
- MANHOLE TO HYDRODYNAMIC SEPARATOR CONNECTION: 12" Ø SMOOTH INTERIOR HDPE
- MANHOLE TO MANHOLE CONNECTION: 24" Ø SMOOTH INTERIOR HDPE

EROSION CONTROL NOTES:

1. DURING THE COURSE OF CONSTRUCTION, EROSION AND SEDIMENT CONTROL MEASURES ARE NECESSARY TO PREVENT THE TRANSPORT OF SEDIMENT TO UNDISTURBED AREAS, PONDS, WATER COURSES, DRAINAGE SYSTEMS, RECHARGE BASINS, AND ROADS. THE MINIMUM EROSION CONTROL MEASURES REQUIRED ARE INDICATED ON THIS PLAN. IN ADDITION, THE FOLLOWING GENERAL CONDITIONS SHALL BE OBSERVED:
   a. EXISTING VEGETATION SCHEDULED TO REMAIN SHALL BE PROTECTED AND REMAIN UNDISTURBED.
   b. INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AS REQUIRED TO PREVENT THE INCIDENTAL DISCHARGE OF SEDIMENT FROM THE SITE.
2. SPECIFIC METHODS AND MATERIALS EMPLOYED IN THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES MUST CONFORM TO THE LATEST EDITION OF THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".
3. INSTALL PROPRIETARY EROSION AND SEDIMENT CONTROL PRODUCTS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
4. ADJUST EROSION AND SEDIMENT CONTROL MEASURES TO ACCOMMODATE CONSTRUCTION PHASING TO MAINTAIN EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES.
5. PROTECT EXISTING DRAINAGE INLETS WITHIN THE PROJECT LIMITS AND NEW DRAINAGE INLETS INSTALLED AS PART OF THIS PROJECT FROM SEDIMENT INTRUSION.
6. PERFORM INSPECTION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES ON A WEEKLY BASIS AND AFTER HEAVY OR PROLONGED STORMS. MAINTENANCE MEASURES INCLUDE, BUT ARE NOT LIMITED TO, CLEANING AND REPAIR OF ALL EROSION AND SEDIMENT CONTROL MEASURES.
7. UTILIZE APPROPRIATE MEANS TO CONTROL DUST DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO APPLYING WATER TO BARE SOIL SURFACES.
8. MAINTAIN THE STABILIZED CONSTRUCTION ENTRANCE TO PREVENT SOIL AND LOOSE DEBRIS FROM BEING TRACKED ONTO LOCAL ROADS. MAINTAIN THE CONSTRUCTION ENTRANCE WEEKLY UNTIL THE SITE IS PERMANENTLY STABILIZED.
9. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED. AFTER PERMANENT STABILIZATION, REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AND ALL ACCUMULATED SEDIMENT AND DEBRIS FROM THE SITE AND DRAINAGE STRUCTURES.

TOTAL LAND DISTURBANCE = 3.18 ACRES

GRAPHIC SCALE

20 0 10 20

(IN FEET)
1 inch = 20 ft.

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) NOTES:

1. PURSUANT TO THE REQUIREMENTS OF SPDES GENERAL PERMIT FOR CONSTRUCTION ACTIVITY GP-0-20-001 ESTABLISHED BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED FOR THIS PROJECT. ADHERE TO AND IMPLEMENT ALL REQUIREMENTS OF THE SWPPP AND EROSION AND SEDIMENT CONTROL PLAN.
2. REVIEW THE SWPPP AND SIGN IN THE LOCATION SHOWN STATING THAT ALL WORK PERTAINING TO EROSION AND SEDIMENT CONTROL WILL BE PERFORMED WITHIN REQUIREMENTS OF THE SWPPP AND EROSION AND SEDIMENT CONTROL PLAN.
3. THE OWNER SHALL PROVIDE A QUALIFIED INSPECTOR WHO WILL PERFORM WEEKLY INSPECTIONS AT THE CONSTRUCTION SITE. THE QUALIFIED INSPECTOR SHALL MEET THE REQUIREMENTS OUTLINED IN SPDES GENERAL PERMIT FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITY (GP-0-20-001). IF THE INSPECTIONS FIND ANY DEVIATIONS FROM THE SWPPP OR THE EROSION AND SEDIMENT CONTROL PLAN IT WILL BE NOTED. THE CONTRACTOR WILL HAVE 7 DAYS TO CORRECT ANY DEVIATIONS SO THAT IT COMPLIES WITH THE REQUIREMENTS OF THE SWPPP AND OR EROSION AND SEDIMENT CONTROL PLAN. IN THE EVENT THAT MORE THAN 5 ACRES OF SOIL IS DISTURBED AT ANY TIME, 2 WEEKLY INSPECTIONS WILL BE PERFORMED.

GRADING AND DRAINAGE LEGEND

DESCRIPTION	SYMBOL
SPOT ELEVATION	121.50
TOP AND BOTTOM CURB ELEVATION	TC140.00 BC139.50
MAJOR CONTOUR	240
MINOR CONTOUR	241
BORING / TEST HOLE LOCATION	
RETAINING WALL	
FIELD INLET	
DRAINAGE MANHOLE	D
FLOW ARROW	
DRAINAGE LINE	D D
ELECTRIC LINE	E E
WATER LINE	W W
WATER SERVICE LINE	WS WS
NEW RIP RAP APRON	

EROSION CONTROL LEGEND

DESCRIPTION	SYMBOL
NEW SILT FENCE	SF
LIMIT OF DISTURBANCE	
NEW INLET SEDIMENT BAG PROTECTION	
NEW STABILIZED CONSTRUCTION ENTRANCE	
NEW EROSION CONTROL BLANKET	

H2M architects + engineers
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Purchase, NY 10577
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CONSULTANTS:

MARK	DATE	DESCRIPTION
-	07-24-2023	FINAL BID SET
1	08-07-2023	ADDENDUM NO. 1

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:

PROJECT No.:	DATE:	SCALE:
WPSD 2206	AUGUST 2023	AS SHOWN

CLIENT
White Plains City School District

WHITE PLAINS HIGH SCHOOL UPGRADES AND TURF FIELD

550 North Street
White Plains, NY 10605

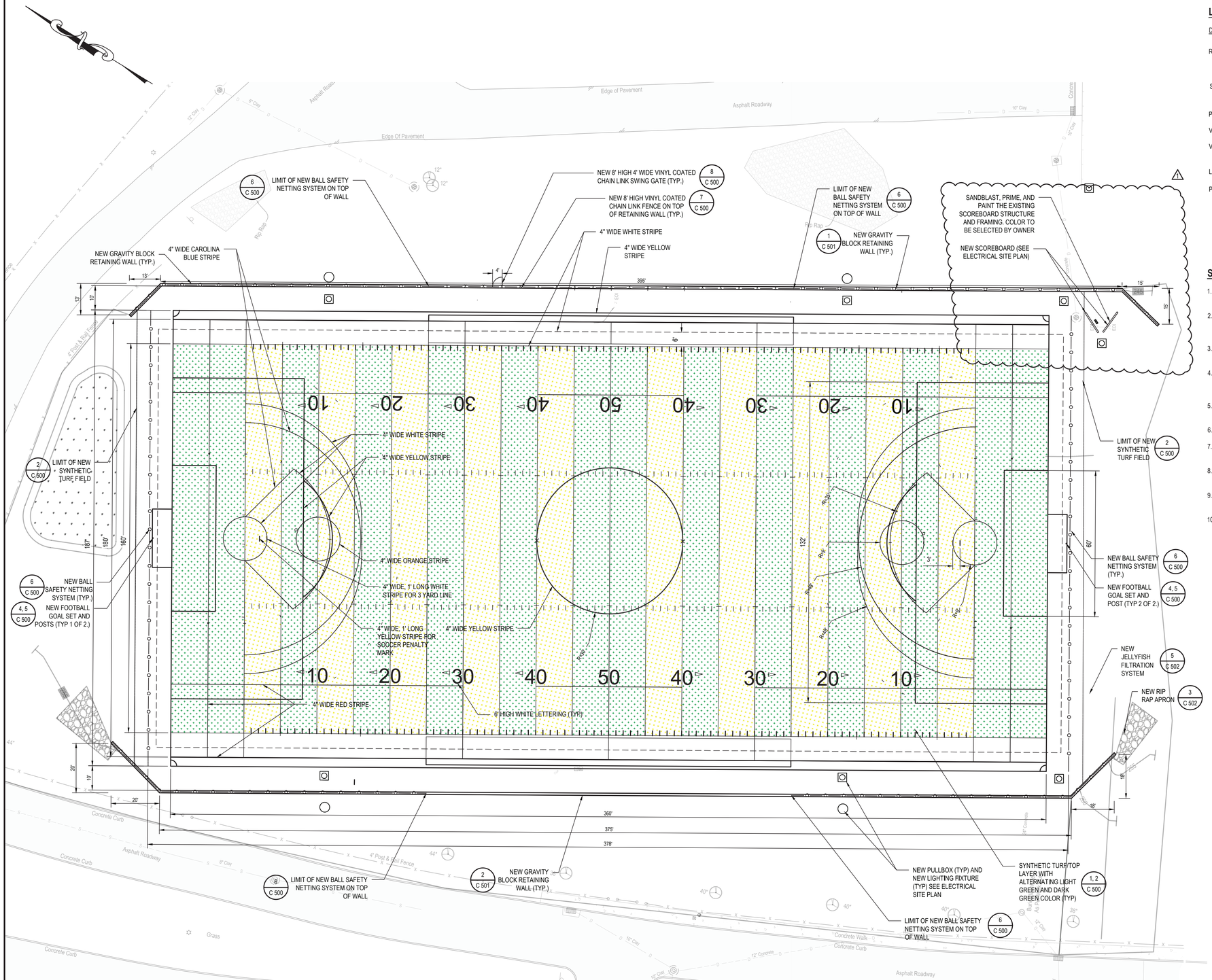
SED No. 66-22-00-01-0-16-029

CONTRACT
CONTRACT C
CIVIL AND SITE WORK

STATUS
FINAL BID SET

SHEET TITLE
GRADING & DRAINAGE AND EROSION & SEDIMENT CONTROL PLAN UPPER FIELD

DRAWING No.
C 100.00



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GRAPHIC SCALE

20 0 10 20

(IN FEET)
1 inch = 20 ft.

LEGEND

DESCRIPTION	SYMBOL
RETAINING WALL	
SYNTHETIC TURF PLAYING FIELD	
POST & NETTING	
VINYL COATED CHAIN LINK FENCE	
VINYL COATED CHAIN LINK GATE	
LIGHT FIXTURE	
PULLBOX	

SITE PLAN NOTES:

1. INSPECT THE SITE PRIOR TO SUBMISSION OF BIDS AND MAKE NO ADDITIONAL CLAIMS REGARDING SITE CONDITIONS THEREAFTER.
2. NOTIFY THE OWNER AND H2M (TELEPHONE 631-756-8000) AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF THE WORK. THE SAME NOTICE SHALL BE REQUIRED WHEN RESUMING WORK AFTER ANY STOPPAGE OR DELAY.
3. COMPLETE ALL SURVEY AND STAKEOUT AS REQUIRED TO PROPERLY COMPLETE THE WORK.
4. PERFORM DAILY CLEANUP OPERATIONS INCLUDING REMOVAL OF DEBRIS AND EXCESS CONSTRUCTION MATERIAL, AND DRIVEWAY/STREET CLEANING TO THE SATISFACTION OF THE OWNER.
5. DURING ALL NON-WORKING HOURS, STORE ALL EQUIPMENT AND MATERIALS WITHIN AN AREA DESIGNATED BY THE OWNER AT THE PROJECT SITE.
6. ALL CURB DIMENSIONS SHOWN REFER TO THE FACE OF CURB.
7. ALL CONSTRUCTION TO CONFORM WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODE REQUIREMENTS.
8. COORDINATE CONSTRUCTION ACTIVITIES WITH OWNER TO MINIMIZE INTERRUPTION TO THE OWNER'S OPERATIONS.
9. RESTORE SURROUNDING AREAS DAMAGED OR DISTURBED DURING CONSTRUCTION. RESTORE TO NEW CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
10. RESTORE ALL DISTURBED GRASS AREAS AND ALL AREAS NOT SPECIFICALLY IDENTIFIED FOR OTHER IMPROVEMENTS WITH 6 INCHES OF TOPSOIL AND HYDROSEED.

H2M architects + engineers
2700 Westchester Ave., Suite 415
Purchase, NY 10577
914.358.5623 • www.h2m.com

CONSULTANTS:

MARK	DATE	DESCRIPTION
-	07-24-2023	FINAL BID SET
1	08-07-2023	ADDENDUM NO. 1

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
KAK	NR	KAK	-

PROJECT No.:	DATE:	SCALE:
WPSD 2206	AUGUST 2023	AS SHOWN

CLIENT

White Plains City School District

WHITE PLAINS HIGH SCHOOL UPGRADES AND TURF FIELD

550 North Street
White Plains, NY 10605

SED No. 66-22-00-01-0-16-029

CONTRACT

CONTRACT C
CIVIL AND SITE WORK

STATUS

FINAL BID SET

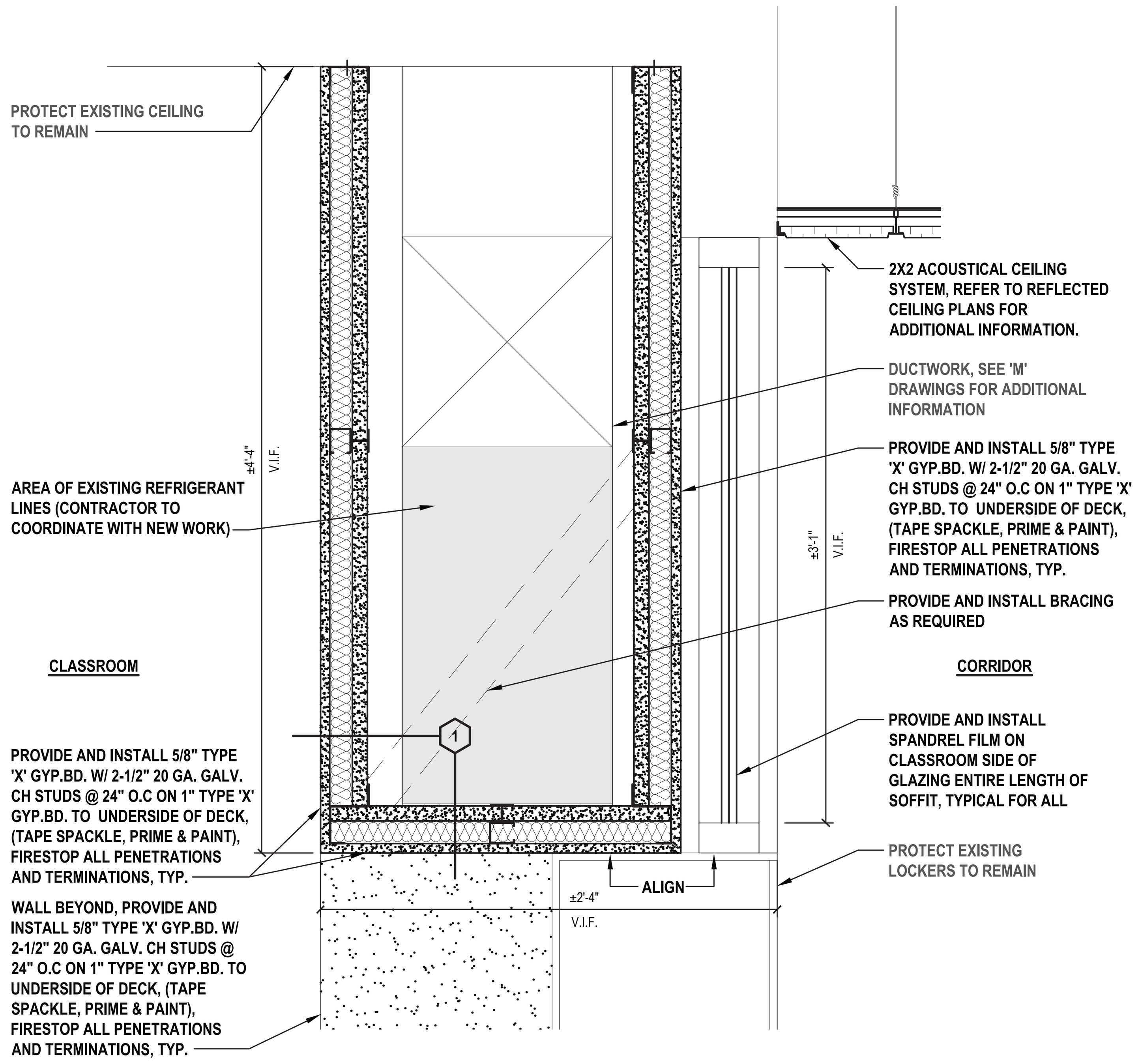
SHEET TITLE

DIMENSIONAL SITE PLAN
UPPER FIELD

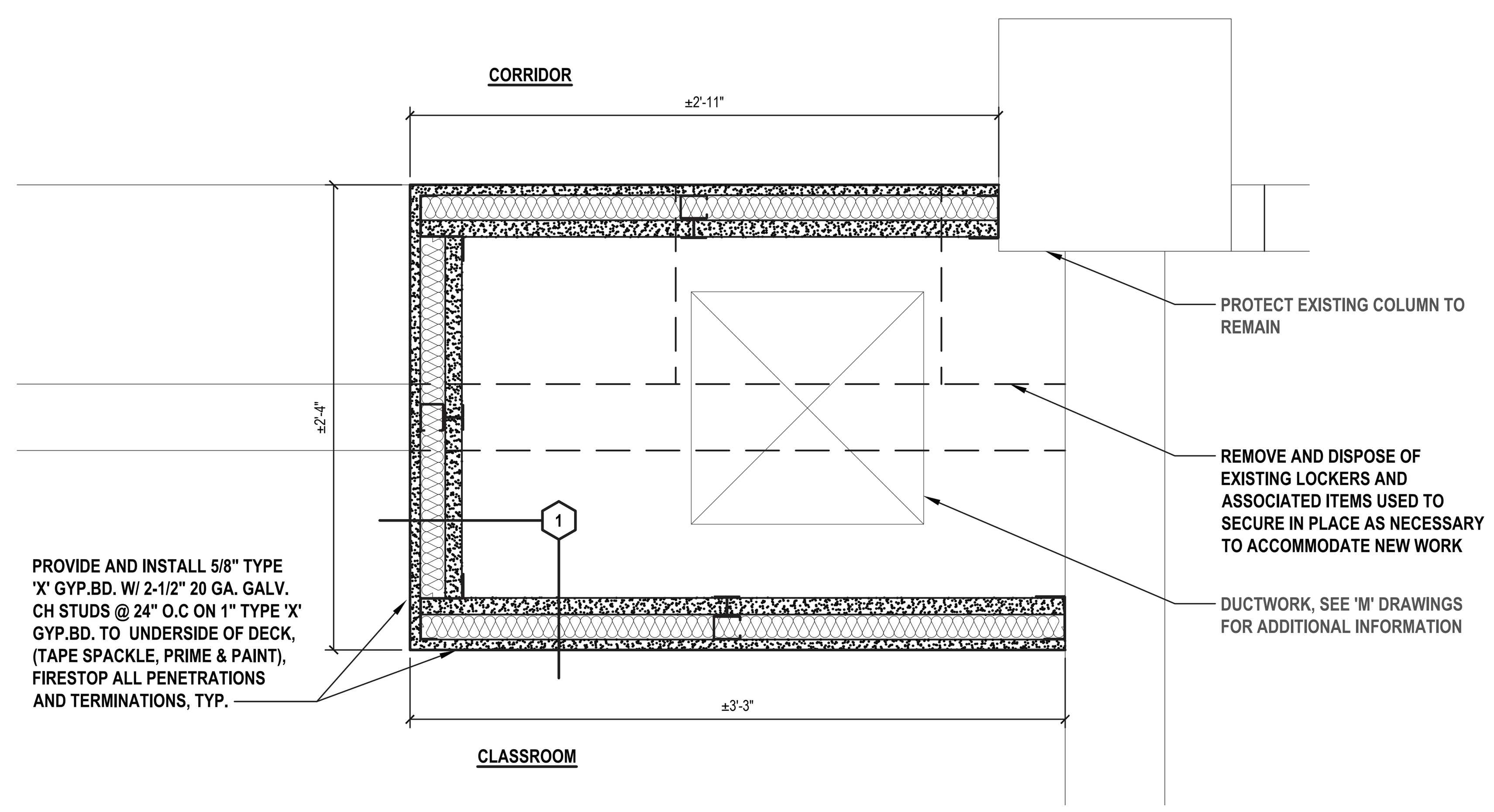
DRAWING No.

CS 100.00

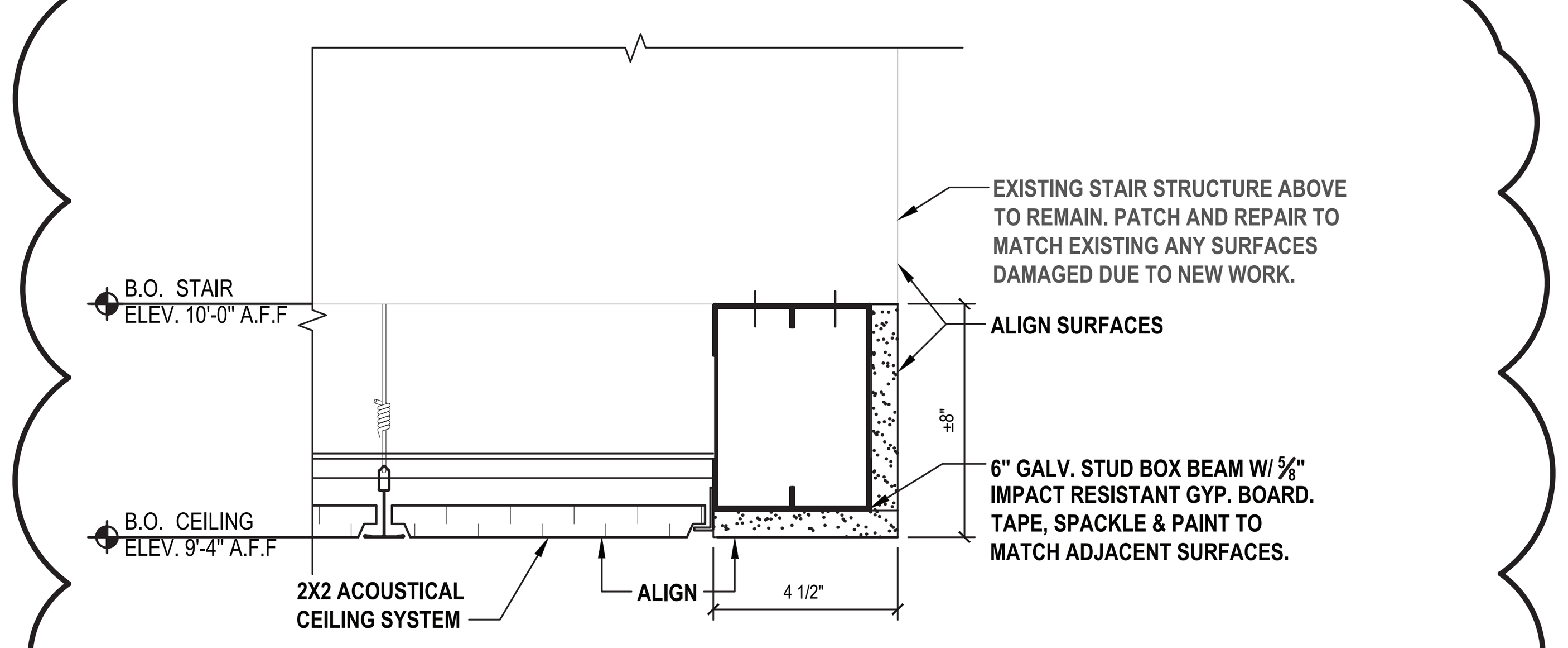
X:\WPSD (White Plains Central School District) - 1999\WPSD 2206 - (High School Upgrades and Turf Field)\02 BIM-CADD\Con-dwg\civil\CS 100 Dimensional Site Plan.dwg Last Modified: Aug 04, 2023 - 4:08pm Plotted on Aug 04, 2023 - 4:11pm By mackermann



1 **Typical Soffit Detail**
SCALE: 1-1/2" = 1'-0"

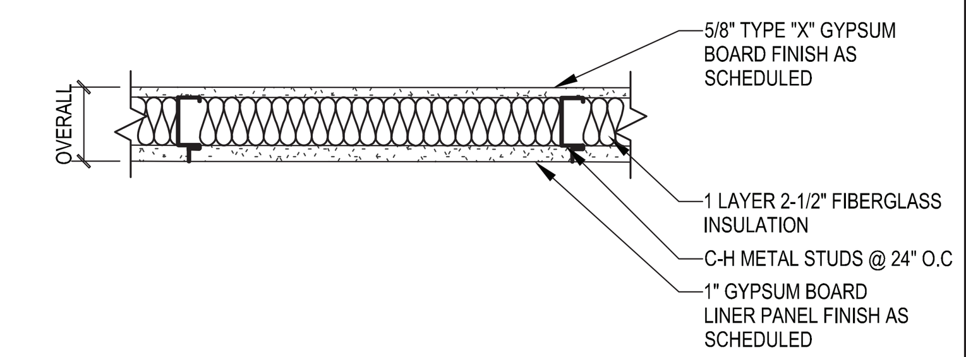


2 **Typical Chase Detail**
SCALE: 1-1/2" = 1'-0"



3 **Soffit at Stairs Typ.**
SCALE: 3" = 1'-0"

1



WALL TYPE	OVERALL DIMENSIONS	STUD SIZE	FIRE RATING	UL No.	STC RATING	COMMENTS
1	3 1/8"	2 1/2"	1 HR	U415	-	-

1 **Metal Stud Shaft Wall**
Interior Partition
H2M Ref # MI-135

H2M architects + engineers
2700 Westchester Ave., Suite 415
Purchase, NY 10577
914.358.5623 • www.h2m.com

CONSULTANTS:

MARK	DATE	DESCRIPTION
-	07-24-2023	FINAL BID SET
1	08-07-2023	ADDENDUM NO. 1

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
			Q

PROJECT No.:	DATE:	SCALE:
WPSD 2206	AUGUST 2023	AS SHOWN

CLIENT
White Plains City School District

WHITE PLAINS HIGH SCHOOL UPGRADES AND TURF FIELD

550 North Street
White Plains, NY 10605

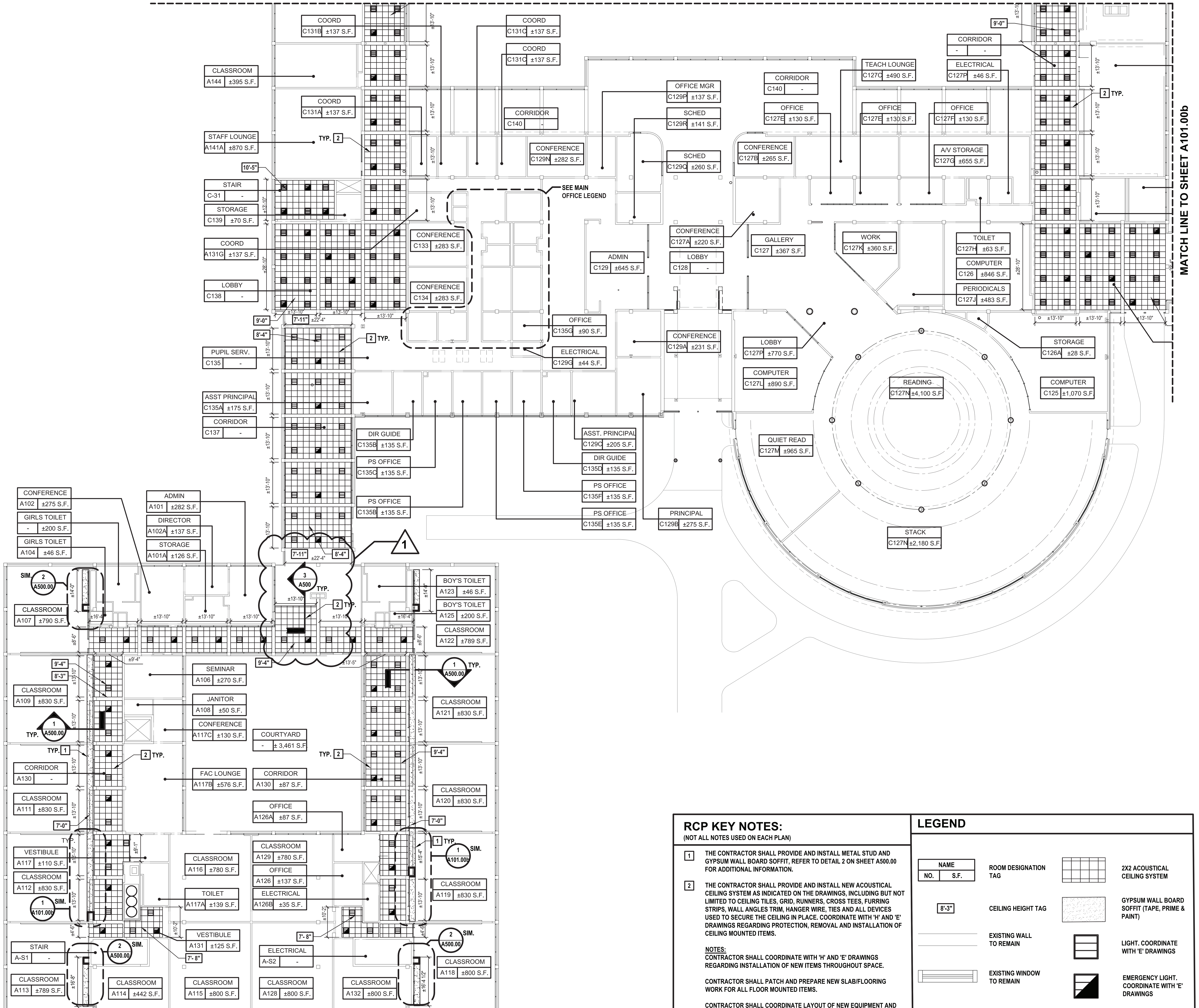
SED No. 66-22-00-01-0-16-029

CONTRACT
CONTRACT G
GENERAL CONSTRUCTION

STATUS
FINAL BID SET

SHEET TITLE
DETAILS

DRAWING No.
A500.00


MATCH LINE TO SHEET A102.00b
MATCH LINE TO SHEET A101.00b
SEE MAIN OFFICE LEGEND
COORD C131B ±137 S.F.
COORD C131C ±137 S.F.
COORD C131C ±137 S.F.
CLASSROOM A144 ±395 S.F.
COORD C131A ±137 S.F.
CORRIDOR C140
STAFF LOUNGE A141A ±870 S.F.
CONFERENCE C129N ±282 S.F.
OFFICE MGR C129P ±137 S.F.
SCHED C129R ±141 S.F.
SCHED C129Q ±260 S.F.
CORRIDOR C140
OFFICE C127E ±130 S.F.
CONFERENCE C127B ±265 S.F.
TEACH LOUNGE C127C ±490 S.F.
OFFICE C127E ±130 S.F.
OFFICE C127F ±130 S.F.
A/V STORAGE C127G ±655 S.F.
CORRIDOR
ELECTRICAL C127P ±46 S.F.
STAIR C-31
STORAGE C139 ±70 S.F.
COORD A131G ±137 S.F.
CONFERENCE C133 ±283 S.F.
CONFERENCE C134 ±283 S.F.
LOBBY C138
ADMIN C129 ±645 S.F.
CONFERENCE C127A ±220 S.F.
LOBBY C128
GALLERY C127 ±367 S.F.
WORK C127K ±360 S.F.
TOILET C127H ±63 S.F.
COMPUTER C126 ±846 S.F.
PERIODICALS C127J ±483 S.F.
OFFICE C135G ±90 S.F.
ELECTRICAL C129G ±44 S.F.
CONFERENCE C129A ±231 S.F.
LOBBY C127P ±770 S.F.
COMPUTER C127L ±890 S.F.
STORAGE C126A ±28 S.F.
COMPUTER C125 ±1,070 S.F.
READING C127N ±4,100 S.F.
PUPIL SERV. C135
ASST PRINCIPAL C135A ±175 S.F.
CORRIDOR C137
DIR GUIDE C135B ±135 S.F.
PS OFFICE C135C ±135 S.F.
PS OFFICE C135B ±135 S.F.
ASST. PRINCIPAL C129C ±205 S.F.
DIR GUIDE C135D ±135 S.F.
PS OFFICE C135F ±135 S.F.
PS OFFICE C135E ±135 S.F.
PRINCIPAL C129B ±275 S.F.
QUIET READ C127M ±965 S.F.
STACK C127N ±2,180 S.F.
CONFERENCE A102 ±275 S.F.
GIRLS TOILET ±200 S.F.
GIRLS TOILET A104 ±46 S.F.
ADMIN A101 ±282 S.F.
DIRECTOR A102A ±137 S.F.
STORAGE A101A ±126 S.F.
CLASSROOM A107 ±790 S.F.
BOY'S TOILET A123 ±46 S.F.
BOY'S TOILET A125 ±200 S.F.
CLASSROOM A122 ±789 S.F.
CLASSROOM A109 ±830 S.F.
SEMINAR A106 ±270 S.F.
JANITOR A108 ±50 S.F.
CONFERENCE A117C ±130 S.F.
COURTYARD ±3,461 S.F.
CLASSROOM A121 ±830 S.F.
CORRIDOR A130
FAC LOUNGE A117B ±576 S.F.
CORRIDOR A130 ±87 S.F.
OFFICE A126A ±87 S.F.
CLASSROOM A111 ±830 S.F.
CLASSROOM A120 ±830 S.F.
VESTIBULE A117 ±110 S.F.
CLASSROOM A112 ±830 S.F.
CLASSROOM A116 ±780 S.F.
CLASSROOM A129 ±780 S.F.
OFFICE A126 ±137 S.F.
ELECTRICAL A126B ±35 S.F.
TOILET A117A ±139 S.F.
CLASSROOM A119 ±830 S.F.
VESTIBULE A131 ±125 S.F.
ELECTRICAL A-S2
STAIR A-S1
CLASSROOM A113 ±789 S.F.
CLASSROOM A114 ±442 S.F.
CLASSROOM A115 ±800 S.F.
CLASSROOM A128 ±800 S.F.
CLASSROOM A132 ±800 S.F.
CLASSROOM A118 ±800 S.F.

Existing First Floor Plan
SCALE: 1/16"= 1'-0"

RCP KEY NOTES:
(NOT ALL NOTES USED ON EACH PLAN)

1. THE CONTRACTOR SHALL PROVIDE AND INSTALL METAL STUD AND GYPSUM WALL BOARD SOFFIT, REFER TO DETAIL 2 ON SHEET A500.00 FOR ADDITIONAL INFORMATION.
2. THE CONTRACTOR SHALL PROVIDE AND INSTALL NEW ACOUSTICAL CEILING SYSTEM AS INDICATED ON THE DRAWINGS, INCLUDING BUT NOT LIMITED TO CEILING TILES, GRID, RUNNERS, CROSS TEES, FURRING STRIPS, WALL ANGLES TRIM, HANGER WIRE, TIES AND ALL DEVICES USED TO SECURE THE CEILING IN PLACE. COORDINATE WITH 'H' AND 'E' DRAWINGS REGARDING PROTECTION, REMOVAL AND INSTALLATION OF CEILING MOUNTED ITEMS.

NOTES:
CONTRACTOR SHALL COORDINATE WITH 'H' AND 'E' DRAWINGS REGARDING INSTALLATION OF NEW ITEMS THROUGHOUT SPACE.

CONTRACTOR SHALL PATCH AND PREPARE NEW SLAB/FLOORING WORK FOR ALL FLOOR MOUNTED ITEMS.

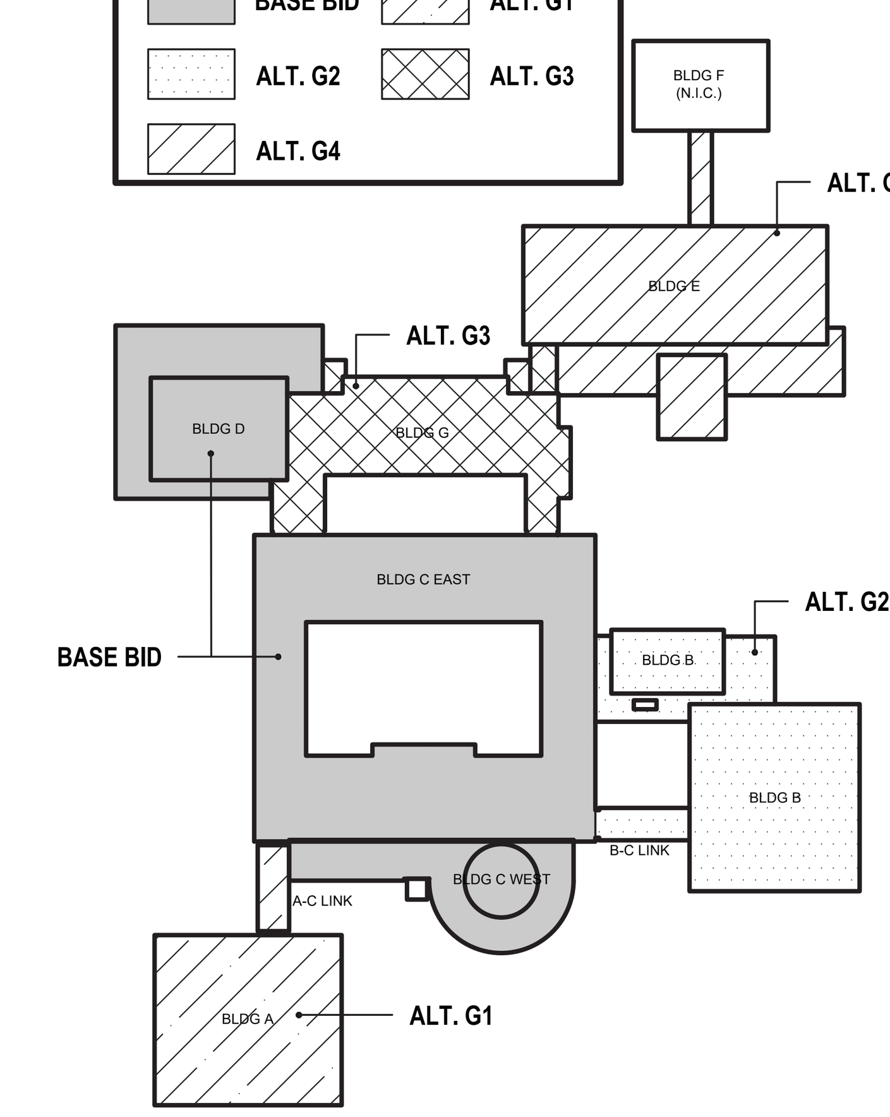
CONTRACTOR SHALL COORDINATE LAYOUT OF NEW EQUIPMENT AND ACCESSORIES WITH ALL WALL-MOUNTED ITEMS AND FINISHED SURFACES.

LEGEND

Symbol	Description	Symbol	Description
NAME / NO. S.F.	ROOM DESIGNATION TAG		2X2 ACOUSTICAL CEILING SYSTEM
8'-3"	CEILING HEIGHT TAG		GYPSUM WALL BOARD SOFFIT (TAPE, PRIME & PAINT)
	EXISTING WALL TO REMAIN		LIGHT. COORDINATE WITH 'E' DRAWINGS
	EXISTING WINDOW TO REMAIN		EMERGENCY LIGHT. COORDINATE WITH 'E' DRAWINGS

KEY PLAN LEGEND

BASE BID / ALT. G1 / ALT. G2 / ALT. G3 / ALT. G4



Key Plan
SCALE: N.T.S.

H2M architects + engineers
2700 Westchester Ave., Suite 415
Purchase, NY 10577
914.358.5623 • www.h2m.com

CONSULTANTS:

MARK	DATE	DESCRIPTION
-	07-24-2023	FINAL BID SET
1	08-07-2023	ADDENDUM NO. 1

"ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL"

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
CWP	DOD/NPO	CWP	KMM
PROJECT No.: WPSD 2206	DATE: AUGUST 2023		SCALE: AS SHOWN

CLIENT
White Plains City School District

WHITE PLAINS HIGH SCHOOL UPGRADES AND TURF FIELD

550 North Street
White Plains, NY 10605

SED No. 66-22-00-01-0-16-029

CONTRACT
CONTRACT G GENERAL CONSTRUCTION

STATUS
FINAL BID SET

SHEET TITLE
FLOOR PLAN FIRST FLOOR

DRAWING No.
A 100.00b

ELECTRICAL LEGENDS

SYMBOL	DESCRIPTION	COMMENTS
S3	THREE - WAY SWITCH	46" AFF TO CL UON
S4	FOUR - WAY SWITCH	46" AFF TO CL UON
SI	ILLUMINATED SWITCH	46" AFF TO CL UON
SA	SINGLE POLE SWITCH; "A" INDICATES SWITCH CONTROL	46" AFF TO CL UON
SD	SINGLE POLE DIMMER SWITCH	46" AFF TO CL UON
S3D	THREE - WAY DIMMER SWITCH	46" AFF TO CL UON
SK	SINGLE POLE KEYED SWITCH	46" AFF TO CL UON
SK3	KEYED THREE - WAY SWITCH	46" AFF TO CL UON
SK4	KEYED FOUR - WAY SWITCH	46" AFF TO CL UON
SP	SWITCH AND PILOT LIGHT	
ST	SWITCH WITH THERMAL OVERLOAD PROTECTION (CONTRACTOR SHALL COORDINATE VOLTAGE AND PHASE WITH EQUIPMENT)	
SOSVS	OCCUPANCY/VACANCY SENSOR WITH MANUAL OVERRIDE, WALL MOUNT	
TC	TIME CLOCK	
E,G	EMERGENCY SHUT OFF SWITCH; 'E' INDICATES ELECTRICAL; 'G' INDICATES GAS	
	2 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN WALL OR CEILING	
	3 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN OR BELOW SLAB	
LP1-3S	DEDICATED HOME RUN TO PANEL LP1 FOR CIRCUIT NO. 3S ONLY. 2 #12 AWG + #12 AWG GND IN 3/4" E.C. CONCEALED IN WALL OR CEILING	
	SIMPLEX RECEPTACLE: 120V, 20A. COORDINATE MOUNTING HEIGHT WITH MECHANICAL CONTRACTOR TO CLEAR BASEBOARDS.	FLUSH
	DUPLEX RECEPTACLE: 120V, 20A. COORDINATE MOUNTING HEIGHT WITH MECHANICAL CONTRACTOR TO CLEAR BASEBOARDS.	FLUSH
	QUAD RECEPTACLE, DOUBLE DUPLEX RECEPTACLE: 120V, 20A. COORDINATE MOUNTING HEIGHT WITH MECHANICAL CONTRACTOR TO CLEAR BASEBOARDS.	FLUSH
C	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "C" INDICATES CEILING MOUNT.	FLUSH
	DUPLEX RECEPTACLE: 120V, 20A; FLOOR MOUNTED.	FLUSH
	QUAD RECEPTACLE: 120V, 20A; FLOOR MOUNTED.	
D/T	DUPLEX RECEPTACLE AND DATA JACK: 120V, 20A; FLOOR MOUNTED.	
D/T	DATA JACK; FLOOR MOUNTED.	
IG	ISOLATED GROUND DUPLEX RECEPTACLE. COORDINATE MOUNTING HEIGHT WITH MECHANICAL CONTRACTOR TO CLEAR BASEBOARDS.	FLUSH
GFI	DUPLEX RECEPTACLE: 120V, 20A; WITH GROUND FAULT INDICATOR. COORDINATE MOUNTING HEIGHT WITH MECHANICAL CONTRACTOR TO CLEAR BASEBOARDS.	FLUSH
UC	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "UC" INDICATES UNDER COUNTER	AS PER ENGINEER
CT	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "CT" INDICATES COUNTER TOP.	AS PER ENGINEER
WP	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "WP" INDICATED WEATHER PROOF.	AS PER ENGINEER
USB	DUPLEX RECEPTACLE: 120V, 20A; SUBSCRIPT "USB" INDICATES INTEGRAL USB.	FLUSH
40 240	SPECIAL PURPOSE OUTLET: 240V, 40A. VERIFY NEMA CONFIGURATION WITH EQUIPMENT MANUFACTURER.	AS PER ENGINEER
TL	TWISTED LOCK RECEPTACLE: 125V, 20A, 3 WIRE; UNLESS OTHERWISE NOTED.	AS PER ENGINEER
	SURFACE RACEWAY WITH 2 GROUNDED AND ISOLATED TYPE DUPLEX RECEPTACLES AND 1 DATA OUTLET PER POSITION, 18" APF UNLESS OTHERWISE NOTED.	
S1	MAGNETIC STARTER "S1"; SEE STARTER SCHEDULE	
DS1	DISCONNECTION SWITCH "DS1"; SEE DISCONNECT SWITCH SCHEDULE.	
J	JUNCTION BOX.	
J 4X	NEMA 4X STAINLESS STEEL JUNCTION BOX WITH GASKET COVER.	
J S	JUNCTION BOX RECESSED IN WALL WITH BLANK COVER. PROVIDE 3/4" E.C. AND DRAG LINE TO ABOVE FINISHED CEILING. MOUNT 18" AFF, UNLESS OTHERWISE NOTED.	
J M	FOR MONITOR, JUNCTION BOX RECESSED IN WALL WITH BLANK COVER. PROVIDE 3/4" E.C. AND DRAG LINE TO ABOVE FINISHED CEILING.	
J HD	FOR HAND DRYER, JUNCTION BOX RECESSED IN WALL WITH BLANK COVER. PROVIDE 3/4" E.C. AND DRAG LINE TO ABOVE FINISHED CEILING. COORDINATE MOUNTING HEIGHT WITH ARCHITECT.	
T T1	TRANSFORMER "T1"; SEE TRANSFORMER SCHEDULE.	
P1	ELECTRICAL PANEL "P1", RECESSED; SEE PANEL SCHEDULE.	
P1	ELECTRICAL PANEL "P1", SURFACE MOUNT; SEE PANEL SCHEDULE.	
	CONDUIT GOING UP.	
	CONDUIT GOING DOWN.	
T	TELEPHONE. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.	
TV	CABLE TELEVISION. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.	
D	DATA. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.	
D/T	COMBINED DATA AND TV. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.	
S	SECURITY CAMERA. PROVIDE 3/4" E.C. WITH DRAG LINE TO AFC AND EMPTY J. BOX RECESSED IN WALL WITH BLANK COVER.	

ABBREVIATION	DESCRIPTION	COMMENTS
AFF	ABOVE FINISHED FLOOR	
AFC	ABOVE FINISHED CEILING	
AFCI	ARC FAULT CIRCUIT INTERRUPTER	
AFG	ABOVE FINISHED GRADE	
AHJ	AUTHORITY HAVING JURISDICTION	
AMP, A	AMPERE	
ATS	AUTOMATIC TRANSFER SWITCH; SEE TRANSFER SWITCH SCHEDULE	
AWG	AMERICAN WIRE GAUGE	
BFC	BELOW FINISHED CEILING	
CL	CENTERLINE	
CT	COUNTER TOP	
E.C.	ELECTRICAL CONDUIT	
EM	EMERGENCY	
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	
GFI	GROUND FAULT INDICATOR	
GND	GROUND	
CON-ED	CONSOLIDATED EDISON INC. (LOCAL ELECTRIC UTILITY)	
MCB	MAIN CIRCUIT BREAKER	
MLO	MAIN LUGS ONLY	
NTS	NOT TO SCALE	
TYP	TYPICAL	
UON	UNLESS OTHERWISE NOTED	
UC	UNDER COUNTER	
V	VOLT	
VAC	VOLTS ALTERNATING CURRENT	
VDC	VOLTS DIRECT CURRENT	
X-FMR	TRANSFORMER	
WP	WEATHERPROOF	

SINGLE LINE DIAGRAM LEGEND

SYMBOL	DESCRIPTION	COMMENTS
T	LINE VOLTAGE THERMOSTAT, 120V, 10A.	
100AF 100AT	CIRCUIT BREAKER WITH TRIP AND POLES AS NOTED; 100 AMP FRAME, 100 AMP TRIP.	
ATS1	TRANSFER SWITCH "TS1"; SEE TRANSFER SWITCH SCHEDULE.	
M.C.B 225A/3P PANEL "P1" 100AS	DISTRIBUTION PANEL P1 WITH 30A, 2 POLE M.C.B.; SEE DISTRIBUTION PANEL SCHEDULE.	
	UNFUSED DISCONNECT SWITCH DS1, 100 AMP; SEE DISCONNECT SWITCH SCHEDULE.	
DS1 100AS 100AF	FUSED DISCONNECT SWITCH 'DSI', FUSED AT 100 AMP SIZE, 100 AMP FUSED, 3 POLES; SEE DISCONNECT SWITCH SCHEDULE.	
G	GENERATOR SET 'G'	
M	ELECTRIC METER AND METER PAN AS PER PSEG REQUIREMENTS.	
5HP	MOTOR, NUMBER INDICATES HORSEPOWER.	
CTS	CURRENT TRANSFORMERS.	
PTS	VOLTAGE TRANSFORMERS.	
UPS	UNINTERRUPTIBLE POWER SUPPLY	
120/208V 277/480 T2	TRANSFORMER 'T2' WITH SIZE, PRIMARY AND SECONDARY VOLTAGES AS NOTED.	
100AF 100AT	RACK OUT CIRCUIT BREAKER	
RVRM 10	REDUCED VOLTAGE SOLID STATE RAMPING MODULE, SIZED FOR 10 H.P.	
RVSS 150	REDUCED VOLTAGE SOLID STATE STARTER, SIZED FOR 150 H.P.	
VFD 25	VARIABLE FREQUENCY DRIVE, RATED FOR 25 H.P.	
FVNR 6	FULL VOLTAGE NON-REVERSING STARTER, NEMA SIZE 6	
FVR 5	FULL VOLTAGE REVERSING STARTER, NEMA SIZE 5	
JJS	FAST ACTING SOLID STATE FUSES AS PER MANUFACTURER.	
	MULTIPLE BRANCH CIRCUITS AS REQUIRED.	
	CONTROL CIRCUIT; MIN 2 #12 AWG IN 3/4" E.C.	

LIST OF DRAWINGS

E 001	ELECTRICAL LEGENDS, SCHEDULES AND DETAILS
ED 100	ELECTRICAL PARTIAL BASEMENT DEMOLITION PLAN
ED 110	ELECTRICAL PARTIAL GROUND FLOOR DEMOLITION PLANS
ED 111	ELECTRICAL PARTIAL GROUND FLOOR DEMOLITION PLANS
ED 120	ELECTRICAL PARTIAL FIRST FLOOR DEMOLITION PLANS
ED 121	ELECTRICAL PARTIAL FIRST FLOOR DEMOLITION PLANS
ED 122	ELECTRICAL PARTIAL FIRST FLOOR DEMOLITION PLANS
ED 130	ELECTRICAL PARTIAL SECOND FLOOR DEMOLITION PLANS
ES 100	ELECTRICAL SITE PLAN
E 100	ELECTRICAL PARTIAL BASEMENT PLANS
E 110	ELECTRICAL PARTIAL GROUND FLOOR PLANS
E 111	ELECTRICAL PARTIAL GROUND FLOOR PLANS
E 120	ELECTRICAL PARTIAL FIRST FLOOR PLANS
E 121	ELECTRICAL PARTIAL FIRST FLOOR PLANS
E 122	ELECTRICAL PARTIAL FIRST FLOOR PLANS
E 130	ELECTRICAL PARTIAL SECOND FLOOR PLANS
E 140	ELECTRICAL PARTIAL ROOF PLAN BUILDING A
E 141	ELECTRICAL PARTIAL ROOF PLAN BUILDING B
E 142	ELECTRICAL PARTIAL ROOF PLAN BUILDING C
E 200	ELECTRICAL FIELD LIGHTING SINGLE LINE DIAGRAMS, FIRE ALARM LEGEND, RISER AND NOTES
E 201	ELECTRICAL PANEL SCHEDULES
E 300	ELECTRICAL DETAILS
E 400	ELECTRICAL FIELD LIGHTING POLE AND FOUNDATION DETAILS

SITE PLAN LEGEND

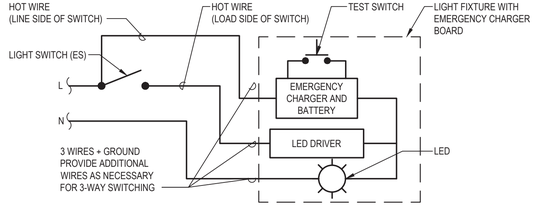
	CURB
	UTILITY POWER/TELEPHONE POLE
G	EXISTING NATURAL GAS SERVICE
S	EXISTING SEWER SERVICE
W	EXISTING WATER SERVICE
T	EXISTING TELEPHONE SERVICE
T	NEW TELEPHONE SERVICE
E	EXISTING ELECTRICAL LINES
E	NEW ELECTRICAL LINES
PE	EXISTING PRIMARY ELECTRIC SERVICE
PE	NEW PRIMARY ELECTRIC SERVICE
OHE	EXISTING OVERHEAD ELECTRIC LINES
x x x x	EXISTING FENCE
	ELECTRIC PULL BOX
HH	HANDHOLE
T	TRANSFORMER

SYMBOLS LEGEND

100	ROOM DESIGNATION
1 A2.2	BUILDING SECTION CUT
1 A2.2	WALL SECTION CUT
1 A2.2	DETAIL KEY
1 A2.2	ELEVATION KEY
H	COLUMN GRID
	ELEVATION LINE
1 Title SCALE:	DRAWING TITLE
4 3 5 A2.2 1 2	INTERIOR ELEVATION REFERENCE
# #	SEE NOTE # ON DWG #

LIGHTING FIXTURE SCHEDULE

DESIGNATION	SYMBOL	MANUFACTURER	MODEL NUMBER	TYPE	WATTS	COLOR TEMP	VOLT	LUMENS	MOUNTING	REMARKS	MOUNTING HEIGHT	DETAIL
F1		COLUMBIA LIGHTING	LCAT22-40LWG-G-EDU	LED	23	4000K	UNV	2782	RECESSED	-	CEILING	
F1E		COLUMBIA LIGHTING	LCAT22-40LW-G-EDU-ELL14	LED	23	4000K	UNV	2782	RECESSED	EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	CEILING	1 E 001
F2		COLUMBIA LIGHTING	LCAT22-40MLG-G-EDU	LED	28	4000K	UNV	3431	RECESSED	-	CEILING	
F2E		COLUMBIA LIGHTING	LCAT22-40ML-G-EDU-ELL14	LED	28	4000K	UNV	3431	RECESSED	EMERGENCY BATTERY BACKUP WITH 90 MINUTES OF BACK-UP CAPACITY	CEILING	1 E 001



1 **Typical Detail of Light Fixture with Emergency Battery Backup**
SCALE:NTS

H 2 M architects + engineers

2700 Westchester Ave., Suite 415
Purchase, NY 10577
914.358.5623 • www.h2m.com

CONSULTANTS:

MARK	DATE	DESCRIPTION
-	07-24-2023	FINAL BID SET
1	08-07-2023	ADDENDUM NO. 1

STATE OF NEW YORK · ANTHONY WOONG-JUN KIM · LICENSED · 092593 · PROFESSIONAL ENGINEER

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
LK/SAN	LK/SAN		

PROJECT No.	DATE:	SCALE:
WPSD 2206	AUGUST 2023	AS SHOWN

CLIENT
White Plains City School District

WHITE PLAINS HIGH SCHOOL UPGRADES AND TURF FIELD

550 North Street
White Plains, NY 10605

SED No. 66-22-00-01-0-16-029

CONTRACT
CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS
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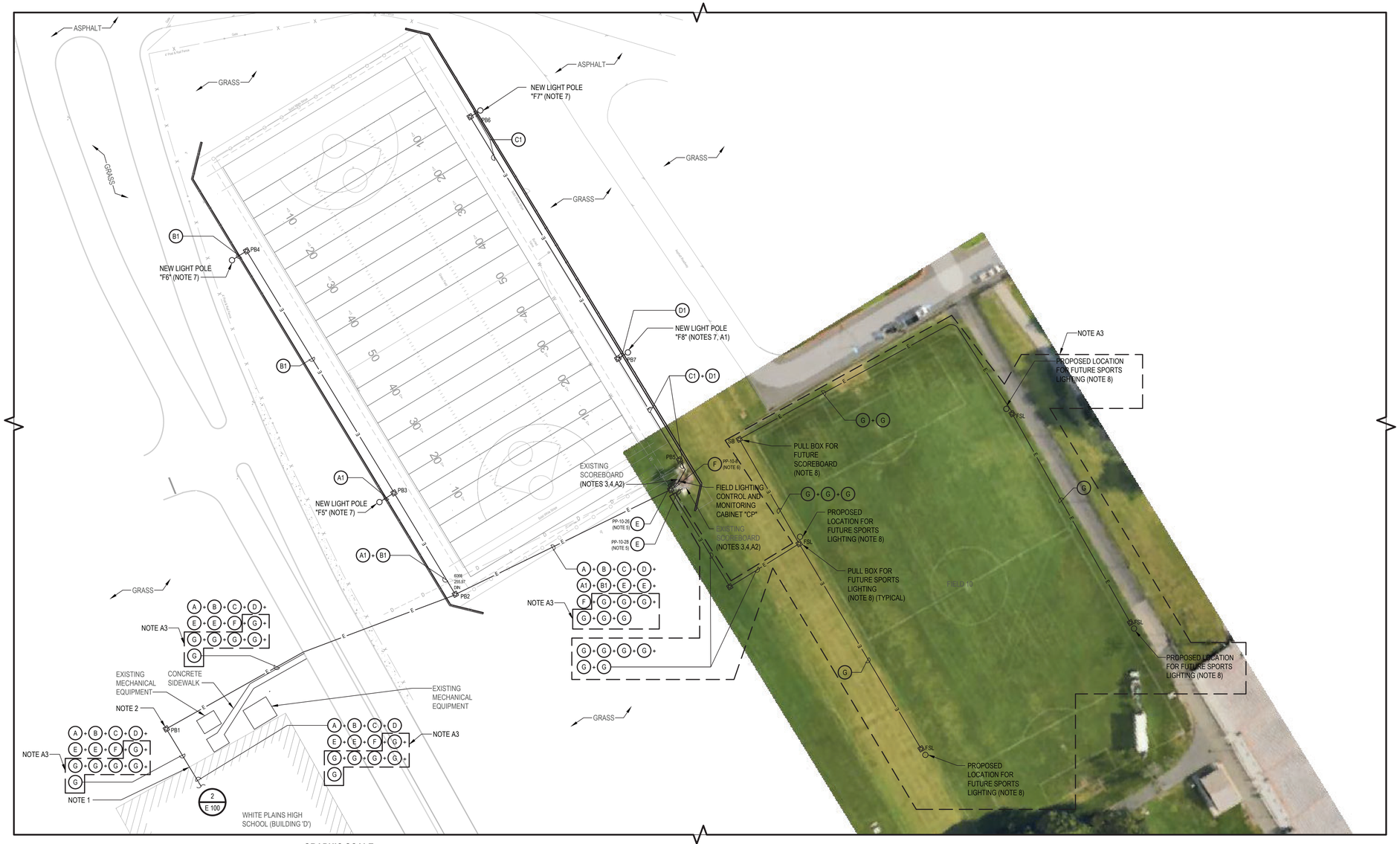
SHEET TITLE
ELECTRICAL LEGENDS, SCHEDULES, AND DETAILS

DRAWING No.
E 001.00



1 Electrical Site Field Plan (Note A1)

SCALE: 1"=40'

GRAPHIC SCALE

40 0 20 40

(IN FEET)

1 inch = 40 ft.

ELECTRICAL GENERAL SITE PLAN NOTES:

GS1. CONTRACTOR SHALL INSPECT CONSTRUCTION SITE PRIOR TO SUBMISSION OF BIDS AND SHALL MAKE NO ADDITIONAL CLAIMS REGARDING SITE CONDITIONS THEREAFTER.

GS2. LOCATION OF ALL UNDERGROUND UTILITIES BOTH PUBLIC AND CUSTOMER OWNED, WERE OBTAINED FROM EITHER MAPS, SURVEYS, DRAWINGS AND RECORDS SUPPLIED BY OTHERS. THE OWNER AND ENGINEER DO NOT GUARANTEE OR ACCEPT RESPONSIBILITY FOR ANY DAMAGE TO SUCH FACILITIES DUE TO DISCREPANCIES IN LOCATION AND SIZE SHOWN ON THE PLANS OR THOSE UTILITIES NOT SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A PRIVATE MARKOUT COMPANY FOR DETERMINING THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK. CONTRACTOR SHALL LOCATE ALL UTILITIES WITHIN PROXIMITY OF CONSTRUCTION LIMITS.

GS3. CONTRACTOR SHALL COMPLETELY RESTORE ALL AREAS DISTURBED DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO GRASS AREAS, LANDSCAPING, PAVEMENTS, SIDEWALKS, CURBING AND IN-GROUND SPRINKLER SYSTEMS.

GS4. THE CONTRACTOR SHALL PERFORM DAILY CLEAN-UP OPERATIONS WHICH INCLUDE REMOVAL OF DEBRIS AND EXCESS CONSTRUCTION MATERIAL TO THE SATISFACTION OF THE OWNER AND THE ENGINEER.

GS5. DURING ALL NON-WORKING HOURS, THE CONTRACTOR WILL BE REQUIRED TO STORE ALL EQUIPMENT AND MATERIALS WITHIN THE AREA DESIGNATED BY THE ENGINEER AT THE PROJECT SITE.

GS6. PROVIDE TEMPORARY FENCING TO PROTECT WORK AREAS.

GS7. CONTRACTOR SHALL MINIMIZE REMOVAL OF EXISTING TREES. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE LAYOUT, TAGGING AND REMOVAL OF TREES REQUIRED TO COMPLETE ALL WORK. OWNER SHALL APPROVE TREES TO BE REMOVED PRIOR TO ACTUAL REMOVALS. REMOVALS SHALL INCLUDE REMOVAL OF COMPLETE STUMP AND ROOT SYSTEM. CONTRACTOR NOT PERMITTED TO GRIND STUMPS.

GS8. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LAYOUT SURVEY, ETC. AS REQUIRED TO COMPLETE THE WORK.

GS9. CONCRETE SIDEWALKS SHALL BE SAWCUT BACK TO EXPANSION/ CONTROL JOINTS.

GS10. CONTRACTOR SHALL PROVIDE AND TEMPORARILY INSTALL TRAFFIC RATED STEEL PLATES OVER ALL TRENCHES SUCH THAT TRAFFIC AND WALKING PATTERNS ARE MINIMALLY DISTURBED. PROVIDE AND INSTALL TRAFFIC SIGNS AND SIDEWALK SIGNS AS REQUIRED TO DIRECT TRAFFIC OF PEDESTRIANS AND AUTOMOBILES.

GS11. SAW-CUT EXISTING PAVEMENT/SIDEWALK/CURBING FOR INSTALLATION OF NEW CONDUITS. REMOVE AND DISPOSE OF ALL DEBRIS.

GS12. CONTRACTOR SHALL PROVIDE NYLON PULL STRING IN ALL SPARE CONDUIT FOR ENTIRE PROJECT.

ELECTRICAL SITE PLAN KEY NOTES:

1. CONTRACTOR SHALL STUB ALL CONDUITS INTO BUILDINGS BELOW GRADE. NO EXTERIOR CONDUITS PERMITTED TO RUN EXPOSED ON EXTERIOR WALLS. CORE DRILL AS REQUIRED. RESTORE ALL FINISHES TO MATCH EXISTING. CONTRACTOR SHALL PROVIDE AND INSTALL LINK SEALS ON ALL CONDUITS ENTERING/EXITING THE BUILDING. CONTRACTOR SHALL PROVIDE AND INSTALL DUCT SEAL IN ALL CONDUITS ENTERING/EXITING THE BUILDING AND ALL PULLBOXES.
2. NEW PULL BOX. SITE PLAN SHOWS MINIMUM REQUIRED PULL BOXES. PROVIDE ADDITIONAL PULL BOXES AS REQUIRED BY NEC AND UTILITY REQUIREMENTS.
3. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ELECTRICAL EQUIPMENT ASSOCIATED WITH THE EXISTING SCOREBOARDS SCHEDULED FOR DEMOLITION INCLUDING WIRE AND CONDUIT BACK TO SOURCE.
4. CONTRACTOR SHALL PROVIDE AND INSTALL NEW WIRE AND CONDUIT FROM PANEL "PP-11" TO NEW SCOREBOARDS.
5. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW 15A/1P CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AS REQUIRED. NEW CIRCUIT BREAKER SHALL BE LISTED/LABELED FOR USE IN EXISTING PANEL. AMPERE INTERRUPTING CAPACITY (AIC) RATING ON NEW CIRCUIT BREAKER SHALL MATCH OR EXCEED EXISTING PANEL RATING.
6. CONTRACTOR SHALL BE PERMITTED TO USE EXISTING 20A/1P SPARE CIRCUIT BREAKER IN EXISTING PANEL.
7. CONTRACTOR SHALL REMOVE AND CLEAN EXISTING 20A/3P SPARE CIRCUIT BREAKER IN EXISTING PANEL AND TURN OVER TO SCHOOL DISTRICT. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW 30A/3P CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AS REQUIRED. NEW CIRCUIT BREAKER SHALL BE LISTED/LABELED FOR USE IN EXISTING PANEL. AMPERE INTERRUPTING CAPACITY (AIC) RATING ON NEW CIRCUIT BREAKER SHALL MATCH OR EXCEED EXISTING PANEL RATING.
8. PROPOSED AREA FOR FUTURE SPORTS FIELD LIGHTING. THIS IS AREA SHALL BE KEPT CLEAR OF ALL EQUIPMENT, CONDUIT, FENCES, PULL BOXES, AND ANY OTHER OBSTRUCTION THAT WOULD NOT ALLOW FOR INSTALLATION OF FUTURE LIGHTING.

ADD/ALTERNATE NOTES:

A1. CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIAL COST ASSOCIATED WITH PROVIDING AND INSTALL THE FIELD SPORTS LIGHTING AND ASSOCIATED CONTROL PANEL, ACCESSORIES, CONCRETE BASE AND HARDWARE IN ADD/ALTERNATE E5, ONLY. BASE BID WILL ONLY INCLUDE EMPTY CONDUIT AND ASSOCIATE PULLBOXES WITH NYLON PULL STRING.

A2. CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIAL COST ASSOCIATED WITH PROVIDING AND INSTALL NEW SCOREBOARD IN ADD/ALTERNATE E6, ONLY. BASE BID WILL ONLY INCLUDE EMPTY CONDUIT AND ASSOCIATED PULLBOXES WITH NYLON PULL STRING.

A3. CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIAL COST ASSOCIATED WITH NEW SPARE CONDUIT AND ASSOCIATED PULL BOX ASSOCIATED WITH FIELD 10 IN ADD/ALTERNATE E7, ONLY.

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CONSULTANTS:

MARK	DATE	DESCRIPTION
-	07-24-2023	FINAL BID SET
1	08-07-2023	ADDENDUM NO. 1

STATE OF NEW YORK ANTHONY WOONGSUNG KIM LICENSED 092583 PROFESSIONAL ENGINEER

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
SAN	SAN	LK	

PROJECT No.:	DATE:	SCALE:
WPSD 2206	AUGUST 2023	AS SHOWN

CLIENT
White Plains City School District

WHITE PLAINS HIGH SCHOOL UPGRADES AND TURF FIELD

550 North Street
White Plains, NY 10605

SED No. 66-22-00-01-0-16-029

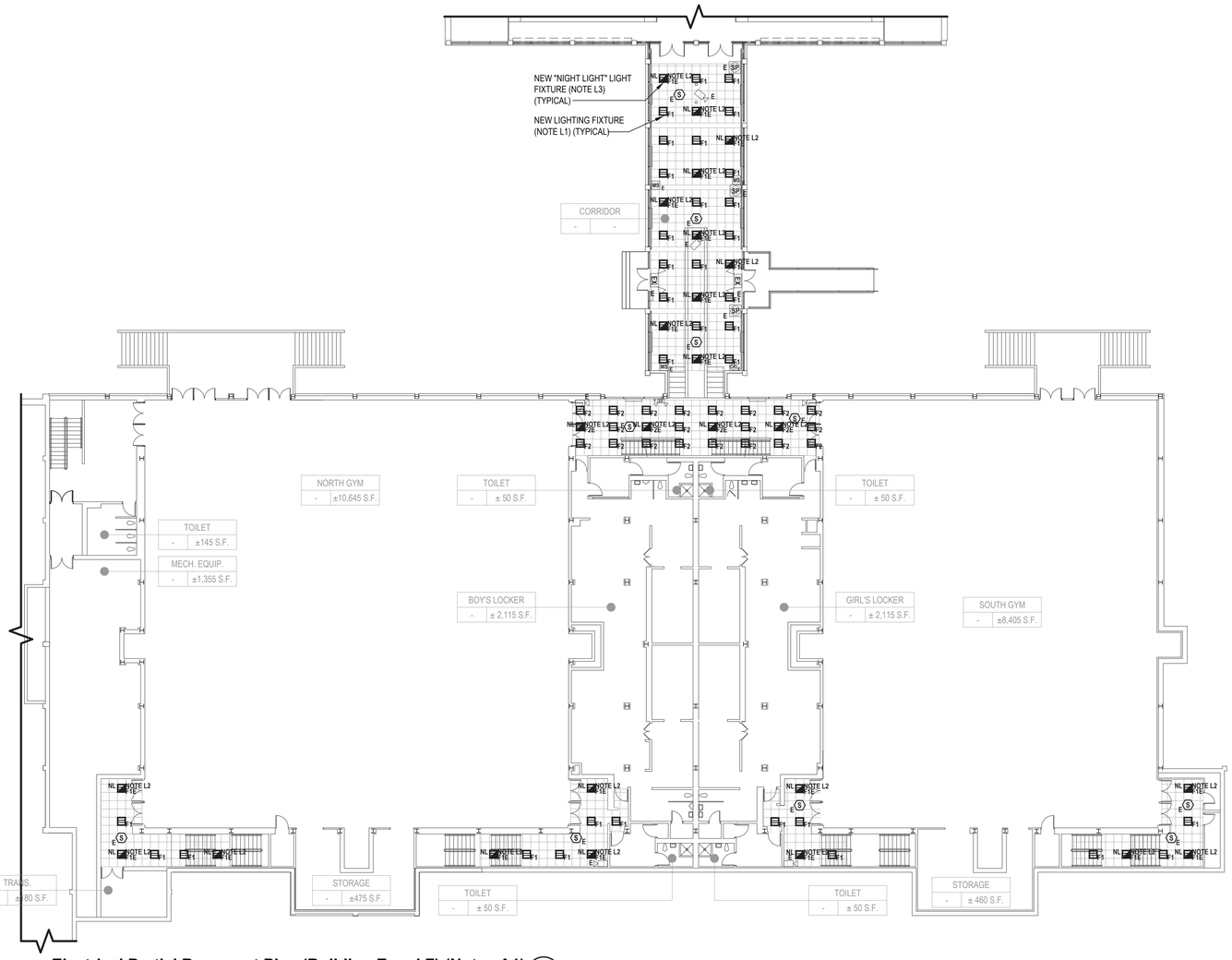
CONTRACT
CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS
FINAL BID SET

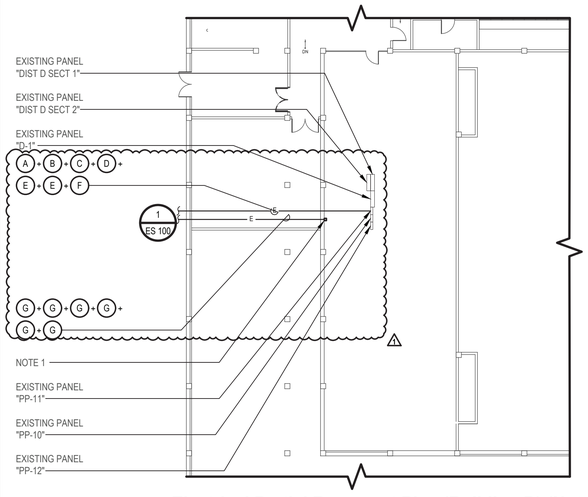
SHEET TITLE
ELECTRICAL SITE PLAN

DRAWING No.
ES 100.00

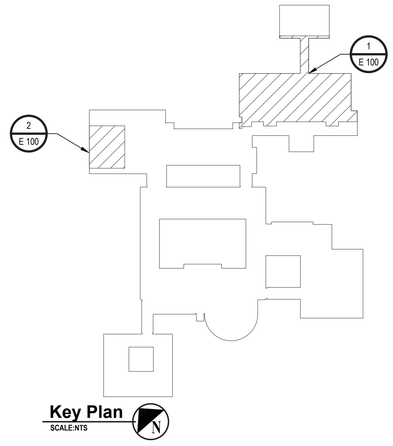
811 1-800-272-4480 Dig Safely. New York Call811 before you dig www.digsafelynewyork.com



1 **Electrical Partial Basement Plan (Building E and F) (Notes A1)**
SCALE:1/16"=1'-0"



1 **Electrical Partial Basement Plan (Building D) (Note A2)**
SCALE:1/16"=1'-0"



Key Plan
SCALE:NTS

ELECTRICAL GENERAL LIGHTING NOTES:

GL1. PROVIDE ALL REQUIRED WIRING NECESSARY BETWEEN SWITCHES & CONTROLLERS. WHERE 3 OR 4 WAY SWITCHES ARE USED, PROVIDE ALL REQUIRED WIRING BETWEEN SWITCHES. WIRE SIZE SHALL EQUAL POWER FEED SIZE.

GL2. FIXTURES SHALL BE CONNECTED TO LINE SIDE OF CIRCUIT.

GL3. PROVIDE AND INSTALL A DEDICATED NEUTRAL FOR EACH CIRCUIT. CONTRACTOR IS NOT PERMITTED TO USE COMMON NEUTRALS.

GL4. PROVIDE BOX AND ACCESSORIES AS PER MANUFACTURER'S RECOMMENDATION FOR ALL SWITCHES.

GL5. VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECT/ENGINEER IN FIELD.

GL6. ALL CEILING MOUNTED FIXTURES WITH EMERGENCY DRIVERS AND ALL FIXTURES THAT ARE PART OF AN EMERGENCY LIGHTING SYSTEM, FED FROM AN EMERGENCY BATTERY BACKUP SHALL BE LABELED. THESE LABELS SHALL BE EASILY READ FROM THE FLOOR LEVEL AND STATE THAT THE FIXTURE IS AN EMERGENCY FIXTURE AND CONTAIN THE PANEL NAME AND CIRCUIT NUMBER THAT IT IS FEED FROM.

GL7. WIRING FOR EMERGENCY DRIVER IS NOT SHOWN ON PLANS. FIXTURES WITH EMERGENCY DRIVERS SHALL BE PROVIDED WITH AN UNSWITCHED POWER FEED FROM CIRCUIT FEEDING LIGHT FIXTURE.

ELECTRICAL LIGHTING KEY NOTES:

L1. CONTRACTOR SHALL PROVIDE AND EXTEND WIRE AND CONDUIT FROM THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM TO TERMINATE AT NEW LIGHT FIXTURE AND SWITCH. WIRE AND CONDUIT SHALL BE 2 #12 AWG + #12 AWG GND IN 3/4" E.C.

L2. CONTRACTOR SHALL PROVIDE AND INSTALL AN UNSWITCHED POWER FEED FROM THE LINE SIDE OF THE LIGHT SWITCH SERVING THE LIGHT FIXTURES IN THE ROOM WHERE THE NEW EMERGENCY LIGHT FIXTURE IS SCHEDULED TO BE INSTALLED. UNSWITCHED FEED SHALL ORIGINATE FROM THE SAME CIRCUIT FEEDING LIGHT FIXTURES IN THE ROOM WHERE THE EMERGENCY LIGHT FIXTURE IS SCHEDULED TO BE INSTALLED. PROVIDE AND INSTALL WIRE AND CONDUIT AS REQUIRED. CONTRACTOR SHALL PATCH, REPAIR, RESTORE, PRIME, PAINT AND REFINISH TO MATCH ORIGINAL APPEARANCE OF ALL WALLS, CEILINGS, AND ALL BUILDING FINISHES THAT ARE DISTURBED DURING INSTALLATION OF THE UNSWITCHED POWER FEED. WIRE AND CONDUIT SHALL BE 2 #12 AWG + #12 AWG GND IN 3/4" E.C.

L3. LIGHT FIXTURE WITH SUBSCRIPT "NL" SHALL BE NIGHT LIGHT. LIGHT FIXTURES SHALL BE ON 24 HOURS AND EMERGENCY BATTERY BACKUP. FIXTURE SHALL NOT BE CONTROLLED BY SWITCH. PROVIDE AN UNSWITCHED POWER FEED FROM CIRCUIT SERVING LIGHT IN THIS AREA. TERMINATE UNSWITCHED POWER FEED TO EMERGENCY DRIVE/BATTERY AND NORMAL UTILITY DRIVER.

ADD/ALTERNATE NOTES:

A1. CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIAL COST ASSOCIATED WITH WORK SHOWN ON THIS DETAIL IN ADD/ALTERNATE E4, ONLY.

A2. CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIAL COST ASSOCIATED WITH PROVIDING AND INSTALL THE FIELD SPORTS LIGHTING AND ASSOCIATED CONTROL PANEL, ACCESSORIES, CONCRETE BASE AND HARDWARE IN ADD/ALTERNATE E5, ONLY. BASE BID WILL ONLY INCLUDE EMPTY CONDUIT AND ASSOCIATE PULLBOXES WITH NYLON PULL STRING.

ELECTRICAL KEY NOTE:

1. CONTRACTOR SHALL TERMINATE SPARE CONDUITS TO NEW NEMA 1 JUNCTION BOX FOR FUTURE SPORTS LIGHTING ON FIELD 10. PROVIDE AND INSTALL A LABEL ON THE JUNCTION BOX STATING "FUTURE USE FOR SPORTS LIGHTING ON FIELD 10". JUNCTION BOX SHALL BE SIZED IN ACCORDANCE WITH NEC REQUIREMENTS.

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CONSULTANTS:

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-	07-24-2023	FINAL BID SET
1	08-07-2023	ADDENDUM NO. 1

STATE OF NEW YORK · ANTHONY WOONINGTON · 092583 · LICENSED PROFESSIONAL ENGINEER

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
SAN	SAN		

PROJECT No.:	DATE:	SCALE:
WPSD 2206	AUGUST 2023	AS SHOWN

CLIENT
White Plains City School District

WHITE PLAINS HIGH SCHOOL UPGRADES AND TURF FIELD

550 North Street
White Plains, NY 10605

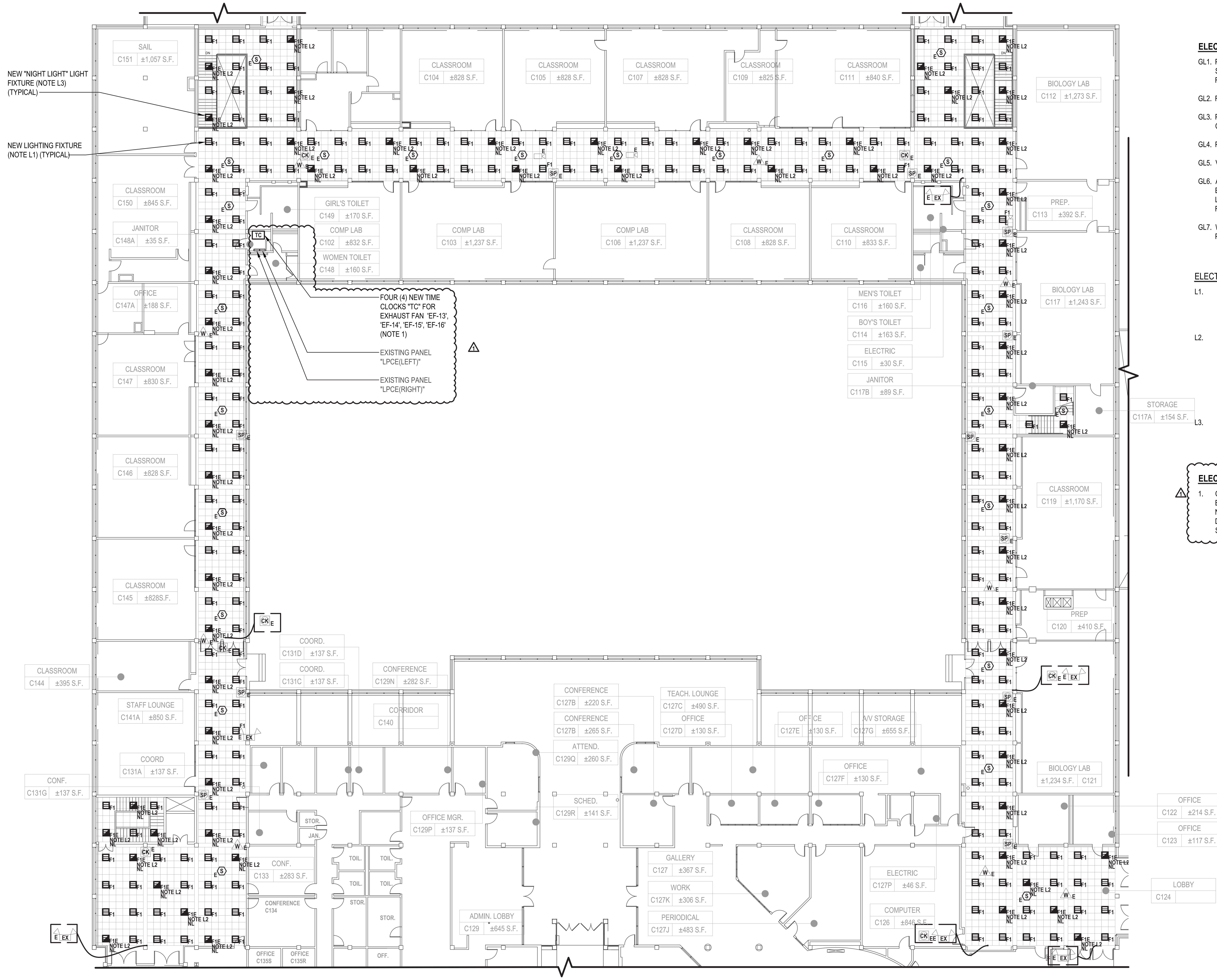
SED No. 66-22-00-01-0-16-029

CONTRACT
CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS
FINAL BID SET

SHEET TITLE
ELECTRICAL PARTIAL BASEMENT PLANS

DRAWING No.
E 100.00



1 **Electrical First Floor Plan (Building C)**
SCALE:1/16"=1'-0"

ELECTRICAL GENERAL LIGHTING NOTES:

GL1. PROVIDE ALL REQUIRED WIRING NECESSARY BETWEEN SWITCHES & CONTROLLERS. WHERE 3 OR 4 WAY SWITCHES ARE USED, PROVIDE ALL REQUIRED WIRING BETWEEN SWITCHES. WIRE SIZE SHALL EQUAL POWER FEED SIZE.

GL2. FIXTURES SHALL BE CONNECTED TO LINE SIDE OF CIRCUIT.

GL3. PROVIDE AND INSTALL A DEDICATED NEUTRAL FOR EACH CIRCUIT. CONTRACTOR IS NOT PERMITTED TO USE COMMON NEUTRALS.

GL4. PROVIDE BOX AND ACCESSORIES AS PER MANUFACTURER'S RECOMMENDATION FOR ALL SWITCHES.

GL5. VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECT/ENGINEER IN FIELD.

GL6. ALL CEILING MOUNTED FIXTURES WITH EMERGENCY DRIVERS AND ALL FIXTURES THAT ARE PART OF AN EMERGENCY LIGHTING SYSTEM, FED FROM AN EMERGENCY BATTERY BACKUP SHALL BE LABELED. THESE LABELS SHALL BE EASILY READ FROM THE FLOOR LEVEL AND STATE THAT THE FIXTURE IS AN EMERGENCY FIXTURE AND CONTAIN THE PANEL NAME AND CIRCUIT NUMBER THAT IT IS FEED FROM.

GL7. WIRING FOR EMERGENCY DRIVER IS NOT SHOWN ON PLANS. FIXTURES WITH EMERGENCY DRIVERS SHALL BE PROVIDED WITH AN UNSWITCHED POWER FEED FROM CIRCUIT FEEDING LIGHT FIXTURE.

ELECTRICAL LIGHTING KEY NOTES:

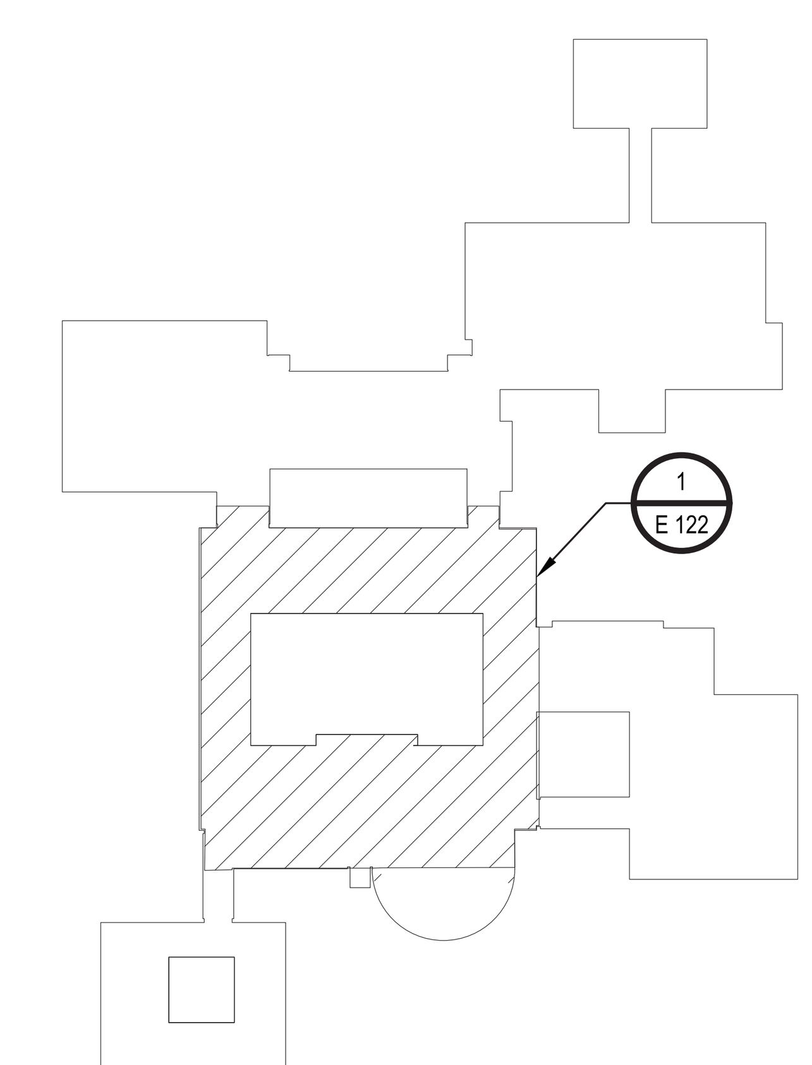
L1. CONTRACTOR SHALL PROVIDE AND EXTEND WIRE AND CONDUIT FROM THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM TO TERMINATE AT NEW LIGHT FIXTURE AND SWITCH. WIRE AND CONDUIT SHALL BE 2 #12 AWG + #12 AWG GND IN 3/4" E.C.

L2. CONTRACTOR SHALL PROVIDE AND INSTALL AN UNSWITCHED POWER FEED FROM THE LINE SIDE OF THE LIGHT SWITCH SERVING THE LIGHT FIXTURES IN THE ROOM WHERE THE NEW EMERGENCY LIGHT FIXTURE IS SCHEDULED TO BE INSTALLED. UNSWITCHED FEED SHALL ORIGINATE FROM THE SAME CIRCUIT FEEDING LIGHT FIXTURES IN THE ROOM WHERE THE EMERGENCY LIGHT FIXTURE IS SCHEDULED TO BE INSTALLED. PROVIDE AND INSTALL WIRE AND CONDUIT AS REQUIRED. CONTRACTOR SHALL PATCH, REPAIR, RESTORE, PRIME, PAINT AND REFINISH TO MATCH ORIGINAL APPEARANCE OF ALL WALLS, CEILINGS, AND ALL BUILDING FINISHES THAT ARE DISTURBED DURING INSTALLATION OF THE UNSWITCHED POWER FEED. WIRE AND CONDUIT SHALL BE 2 #12 AWG + #12 AWG GND IN 3/4" E.C.

L3. LIGHT FIXTURE WITH SUBSCRIPT "NL" SHALL BE NIGHT LIGHT. LIGHT FIXTURES SHALL BE ON 24 HOURS AND EMERGENCY BATTERY BACKUP. FIXTURE SHALL NOT BE CONTROLLED BY SWITCH. PROVIDE AN UNSWITCHED POWER FEED FROM CIRCUIT SERVING LIGHT IN THIS AREA. TERMINATE UNSWITCHED POWER FEED TO EMERGENCY DRIVE/BATTERY AND NORMAL UTILITY DRIVER.

ELECTRICAL KEY NOTE:

1. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW TIME CLOCK "TC" (TORK MODEL DG100A OR APPROVED EQUAL) FOR EACH NEW EXHAUST FAN 'EF-13', 'EF-14', 'EF-15', AND 'EF-16'. PROVIDE AND INSTALL A PHENOLIC NAMEPLATE STATING "TIME CLOCK FOR ROOF EXHAUST FAN "EF-X" ('X' SHALL BE REPLACED WITH EXHAUST DAN NUMBER DESIGNATION ASSOCIATED WITH THE NEW TIME CLOCK) . COORDINATE SCHEDULING WITH SCHOOL DISTRICT AND PROGRAM AS REQUIRED.



Key Plan
SCALE:NTS

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CONSULTANTS:

MARK	DATE	DESCRIPTION
-	07-24-2023	FINAL BID SET
1	08-07-2023	ADDENDUM NO. 1

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
SAN	SAN		

PROJECT No.:	DATE:	SCALE:
WPSD 2206	AUGUST 2023	AS SHOWN

CLIENT

White Plains City School District

WHITE PLAINS HIGH SCHOOL UPGRADES AND TURF FIELD

White Plains Public Schools · WP · REAL LIFE LEARNING

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White Plains, NY 10605

SED No. 66-22-00-01-0-16-029

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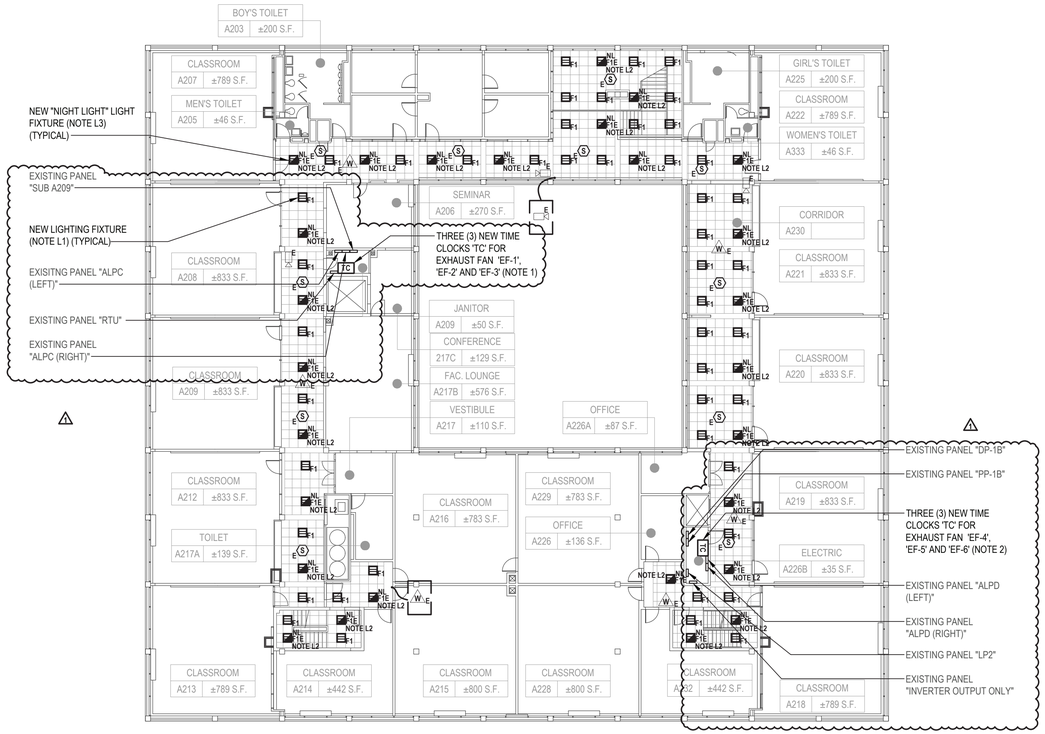
STATUS
FINAL BID SET

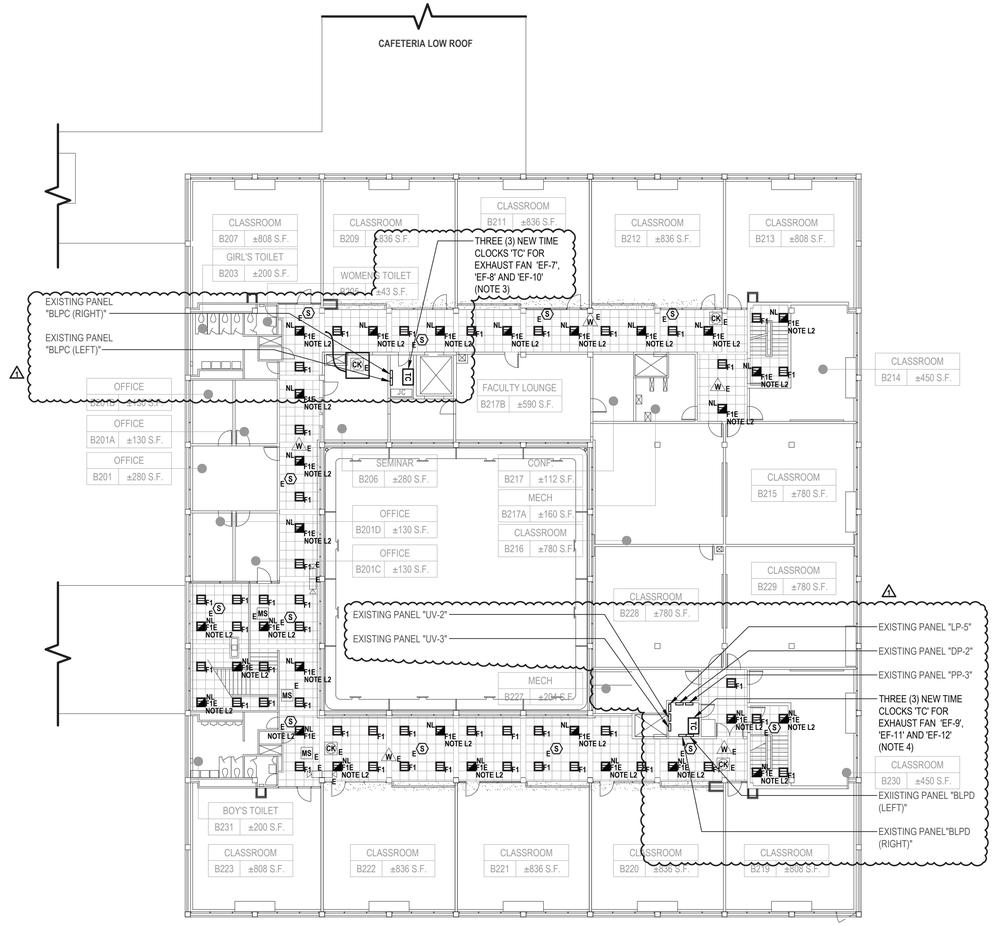
SHEET TITLE
ELECTRICAL PARTIAL FIRST FLOOR PLANS

DRAWING No.
E 122.00



1 Electrical Second Floor Plan (Building A) (Note A1)

SCALE:1/16"=1'-0"



2 Electrical Second Floor Plan (Building B) (Note A2)

SCALE:1/16"=1'-0"

ELECTRICAL GENERAL LIGHTING NOTES:

GL1. PROVIDE ALL REQUIRED WIRING NECESSARY BETWEEN SWITCHES & CONTROLLERS. WHERE 3 OR 4 WAY SWITCHES ARE USED, PROVIDE ALL REQUIRED WIRING BETWEEN SWITCHES. WIRE SIZE SHALL EQUAL POWER FEED SIZE.

GL2. FIXTURES SHALL BE CONNECTED TO LINE SIDE OF CIRCUIT.

GL3. PROVIDE AND INSTALL A DEDICATED NEUTRAL FOR EACH CIRCUIT. CONTRACTOR IS NOT PERMITTED TO USE COMMON NEUTRALS.

GL4. PROVIDE BOX AND ACCESSORIES AS PER MANUFACTURER'S RECOMMENDATION FOR ALL SWITCHES.

GL5. VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECT/ENGINEER IN FIELD.

GL6. ALL CEILING MOUNTED FIXTURES WITH EMERGENCY DRIVERS AND ALL FIXTURES THAT ARE PART OF AN EMERGENCY LIGHTING SYSTEM, FED FROM AN EMERGENCY BATTERY BACKUP SHALL BE LABELED. THESE LABELS SHALL BE EASILY READ FROM THE FLOOR LEVEL AND STATE THAT THE FIXTURE IS AN EMERGENCY FIXTURE AND CONTAIN THE PANEL NAME AND CIRCUIT NUMBER THAT IT IS FEED FROM.

GL7. WIRING FOR EMERGENCY DRIVER IS NOT SHOWN ON PLANS. FIXTURES WITH EMERGENCY DRIVERS SHALL BE PROVIDED WITH AN UNSWITCHED POWER FEED FROM CIRCUIT FEEDING LIGHT FIXTURE.

ELECTRICAL LIGHTING KEY NOTES:

L1. CONTRACTOR SHALL PROVIDE AND EXTEND WIRE AND CONDUIT FROM THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM TO TERMINATE AT NEW LIGHT FIXTURE AND SWITCH. WIRE AND CONDUIT SHALL BE 2 #12 AWG + #12 AWG GND IN 3/4" E.C.

L2. CONTRACTOR SHALL PROVIDE AND INSTALL AN UNSWITCHED POWER FEED FROM THE LINE SIDE OF THE LIGHT SWITCH SERVING THE LIGHT FIXTURES IN THE ROOM WHERE THE NEW EMERGENCY LIGHT FIXTURE IS SCHEDULED TO BE INSTALLED. UNSWITCHED FEED SHALL ORIGINATE FROM THE SAME CIRCUIT FEEDING LIGHT FIXTURES IN THE ROOM WHERE THE EMERGENCY LIGHT FIXTURE IS SCHEDULED TO BE INSTALLED. PROVIDE AND INSTALL WIRE AND CONDUIT AS REQUIRED. CONTRACTOR SHALL PATCH, REPAIR, RESTORE, PRIME, PAINT AND REFINISH TO MATCH ORIGINAL APPEARANCE OF ALL WALLS, CEILINGS, AND ALL BUILDING FINISHES THAT ARE DISTURBED DURING INSTALLATION OF THE UNSWITCHED POWER FEED. WIRE AND CONDUIT SHALL BE 2 #12 AWG + #12 AWG GND IN 3/4" E.C.

L3. LIGHT FIXTURE WITH SUBSCRIPT "NL" SHALL BE NIGHT LIGHT. LIGHT FIXTURES SHALL BE ON 24 HOURS AND EMERGENCY BATTERY BACKUP. FIXTURE SHALL NOT BE CONTROLLED BY SWITCH. PROVIDE AN UNSWITCHED POWER FEED FROM CIRCUIT SERVING LIGHT IN THIS AREA. TERMINATE UNSWITCHED POWER FEED TO EMERGENCY DRIVE/BATTERY AND NORMAL UTILITY DRIVER.

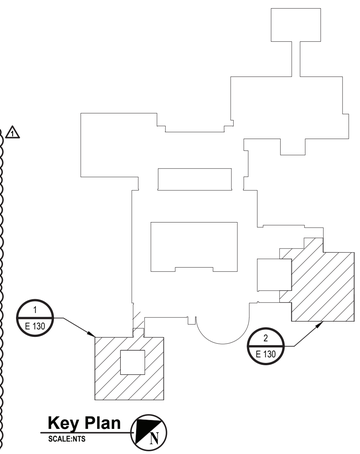
ADD/ALTERNATE NOTES:

A1. CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIAL COST ASSOCIATED WITH WORK SHOWN ON THIS DETAIL IN ADD/ALTERNATE E1 ONLY.

A2. CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIAL COST ASSOCIATED WITH WORK SHOWN ON THIS DETAIL IN ADD/ALTERNATE E2 ONLY.

ELECTRICAL KEY NOTES:

1. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW TIME CLOCK "TC" (TORK MODEL DG100A OR APPROVED EQUAL) FOR EACH NEW EXHAUST FAN 'EF-1', 'EF-2, AND 'EF-3'. PROVIDE AND INSTALL A PHENOLIC NAMEPLATE STATING "TIME CLOCK FOR ROOF EXHAUST FAN "EF-X" ('X' SHALL BE REPLACED WITH EXHAUST DAN NUMBER DESIGNATION ASSOCIATED WITH THE NEW TIME CLOCK). COORDINATE SCHEDULING WITH SCHOOL DISTRICT AND PROGRAM AS REQUIRED.
2. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW TIME CLOCK "TC" (TORK MODEL DG100A OR APPROVED EQUAL) FOR EACH NEW EXHAUST FAN 'EF-4', 'EF-5', AND 'EF-6'. PROVIDE AND INSTALL A PHENOLIC NAMEPLATE STATING "TIME CLOCK FOR ROOF EXHAUST FAN "EF-X" ('X' SHALL BE REPLACED WITH EXHAUST DAN NUMBER DESIGNATION ASSOCIATED WITH THE NEW TIME CLOCK). COORDINATE SCHEDULING WITH SCHOOL DISTRICT AND PROGRAM AS REQUIRED.
3. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW TIME CLOCK "TC" (TORK MODEL DG100A OR APPROVED EQUAL) FOR EACH NEW EXHAUST FAN 'EF-7', 'EF-8', AND 'EF-10'. PROVIDE AND INSTALL A PHENOLIC NAMEPLATE STATING "TIME CLOCK FOR ROOF EXHAUST FAN "EF-X" ('X' SHALL BE REPLACED WITH EXHAUST DAN NUMBER DESIGNATION ASSOCIATED WITH THE NEW TIME CLOCK). COORDINATE SCHEDULING WITH SCHOOL DISTRICT AND PROGRAM AS REQUIRED.
4. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW TIME CLOCK "TC" (TORK MODEL DG100A OR APPROVED EQUAL) FOR EACH NEW EXHAUST FAN 'EF-9', 'EF-11', AND 'EF-12'. PROVIDE AND INSTALL A PHENOLIC NAMEPLATE STATING "TIME CLOCK FOR ROOF EXHAUST FAN "EF-X" ('X' SHALL BE REPLACED WITH EXHAUST DAN NUMBER DESIGNATION ASSOCIATED WITH THE NEW TIME CLOCK) . COORDINATE SCHEDULING WITH SCHOOL DISTRICT AND PROGRAM AS REQUIRED.



Key Plan
SCALE:NTS

H2M architects + engineers
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CONSULTANTS:

MARK	DATE	DESCRIPTION
-	07-24-2023	FINAL BID SET
1	08-07-2023	ADDENDUM NO. 1

STATE OF NEW YORK ANTHONY WOONGSUNG KIM LICENSED 092583 PROFESSIONAL ENGINEER

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
SAN	SAN		

PROJECT No.:	DATE:	SCALE:
WPSD 2206	AUGUST 2023	AS SHOWN

CLIENT
White Plains City School District

WHITE PLAINS HIGH SCHOOL UPGRADES AND TURF FIELD

550 North Street
White Plains, NY 10605

SED No. 66-22-00-01-0-16-029

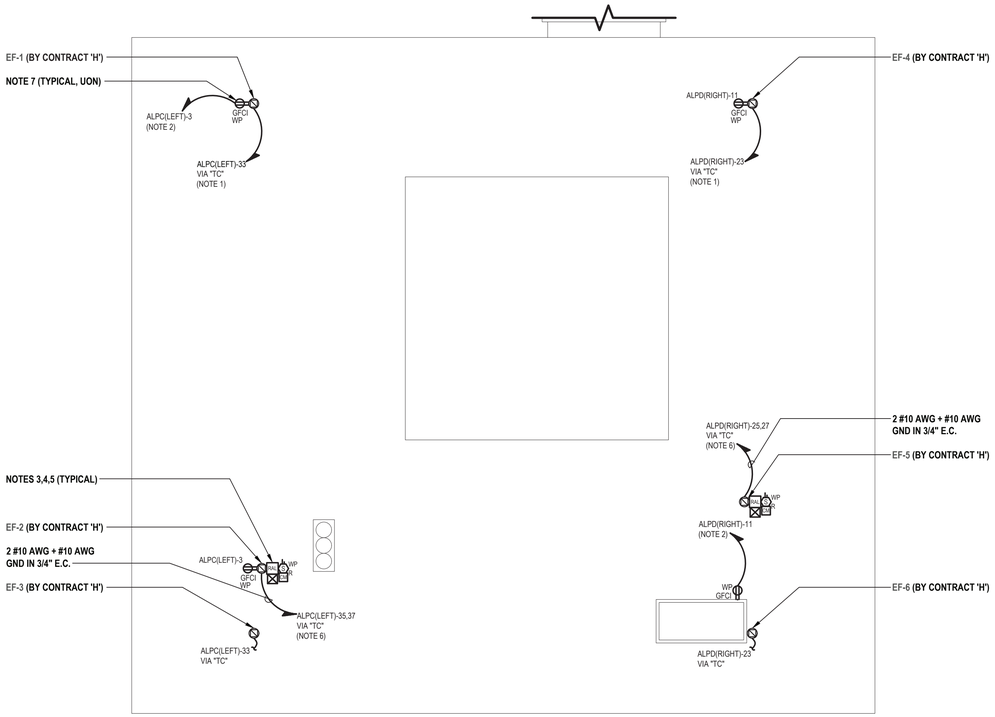
CONTRACT
CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS
FINAL BID SET

SHEET TITLE
ELECTRICAL PARTIAL SECOND FLOOR PLANS

DRAWING No.
E 130.00

X:\WPSD (White Plains Central School District) - 1099\WPSD 2206 - HVAC Upgrades and Turf Field\02 BIM-CADD\Con-ded\elec\16-E130 Electrical Partial Second Floor Plans.dwg Last Modified: Aug 04, 2023 - 10:30am Plotted on: Aug 04, 2023 - 4:50pm By: kch



1 Electrical Partial Roof Plan (Building A)

SCALE: 1/16"=1'-0"

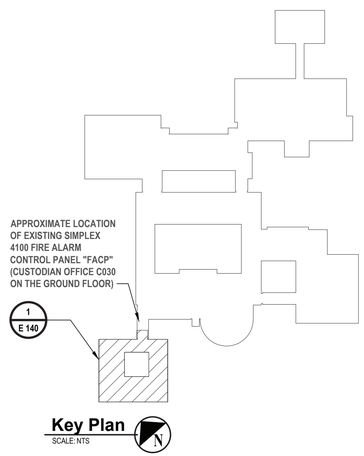
ELECTRICAL GENERAL NOTES:

G1. REFER TO DRAWING E 130 FOR APPROXIMATE LOCATION OF EXISTING PANELS, NEW TIME CLOCKS AND ADDITIONAL INFORMATION.

G2. CONTRACTOR SHALL PROVIDE AND INSTALL ALL WIRE AND CONDUIT AS REQUIRED TO TERMINATE TO FACTORY PROVIDED DISCONNECT SWITCH.

ELECTRICAL KEY NOTES:

1. CONTRACTOR SHALL BE PERMITTED TO USE EXISTING 15A/1P SPARE CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL MOUNTING HARDWARE AS REQUIRED.
2. CONTRACTOR SHALL BE PERMITTED TO USE EXISTING 20A/1P SPARE CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL MOUNTING HARDWARE AS REQUIRED.
3. CONTRACTOR SHALL PROVIDE AND INSTALL NEW FIRE ALARM DEVICES AND ALL NECESSARY EQUIPMENT TO MAKE A PROPER CONNECTION TO EXISTING FIRE ALARM CONTROL PANEL "FACP" LOCATED IN THE CUSTODIAN OFFICE C030 IN THE GROUND FLOOR USING MANUFACTURERS RECOMMENDED WIRING IN 3/4" E.C. CONTRACTOR SHALL PROVIDE AND EXTEND POWER/DATA FEEDS TO NEW FIRE ALARM DEVICE LOCATION. PROVIDE AND INSTALL ALL EXPANSION CARDS, WIRE, CONDUIT, RELAYS, POWER SUPPLIES, BATTERIES, EXTENDERS, PROGRAMMING, MOUNTING HARDWARE, AND JUNCTION BOXES AS REQUIRED. COORDINATE EXACT MOUNTING LOCATION AND HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION. TYPICAL OF ALL FIRE ALARM DEVICES.
4. CONTRACTOR SHALL INSTALL DUCT SMOKE DETECTOR UPSTREAM OF ANY FILTERS, EXHAUST AIR CONNECTIONS, OUTDOOR AIR CONNECTIONS, OR DECONTAMINATION EQUIPMENT. PROVIDE AND INSTALL REMOTE ALARM LAMP ON FINISHED CEILING BELOW FOR ALL DUCT SMOKE DETECTORS INSTALLED ABOVE CEILINGS OR ON ROOFS.
5. CONTRACTOR SHALL PROVIDE AND INSTALL NEW ADDRESSABLE SHUTDOWN CONTROL MODULES, ASSOCIATED RELAYS, STARTERS, WIRE AND CONDUIT AS REQUIRED TO INTEGRATE NEW HVAC EQUIPMENT WITH FIRE ALARM SYSTEM. NEW HVAC EQUIPMENT TO BE INTERCONNECTED TO THE FIRE ALARM SYSTEM AND SHUT DOWN UPON FIRE ALARM SYSTEM ACTIVATION. INTERFACE WITH DESIGNATED UNITS.
6. CONTRACTOR SHALL REMOVE AND TURN OVER TO SCHOOL DISTRICT TWO (2) EXISTING 15A/1P CIRCUIT BREAKERS IN EXISTING PANEL. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW 25A/2P CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AS REQUIRED. NEW CIRCUIT BREAKER SHALL BE LISTED/LABELED FOR USE IN EXISTING PANEL. AMPERE INTERRUPTING CAPACITY (AIC) SHALL MATCH OR EXCEED EXISTING PANEL RATING. REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE AND INSTALL A CHANNEL SUPPORT SYSTEM AS REQUIRED TO MOUNT RECEPTACLE FROM THE ROOF CURBS SUPPORTING THE HVAC UNIT SUCH THAT THE UNIT'S MANUFACTURER'S WARRANTY IS NOT VOIDED. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AND ACCESSORIES AS REQUIRED TO MAINTAIN WORKING CLEARANCE AS PER NEC 110.26. MAINTAIN ALL CLEARANCES FROM THE HVAC UNIT AS REQUIRED BY THE IMC.



Key Plan

SCALE: NTS

H 2 M architects + engineers

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CONSULTANTS:

MARK	DATE	DESCRIPTION
-	07-24-2023	FINAL BID SET
1	08-07-2023	ADDENDUM NO. 1

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
SAN	SAN		

PROJECT No.:	DATE:	SCALE:
WPSD 2206	AUGUST 2023	AS SHOWN

CLIENT

White Plains City School District

WHITE PLAINS HIGH SCHOOL UPGRADES AND TURF FIELD

550 North Street
White Plains, NY 10605

SED No. 66-22-00-01-0-16-029

CONTRACT

CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS

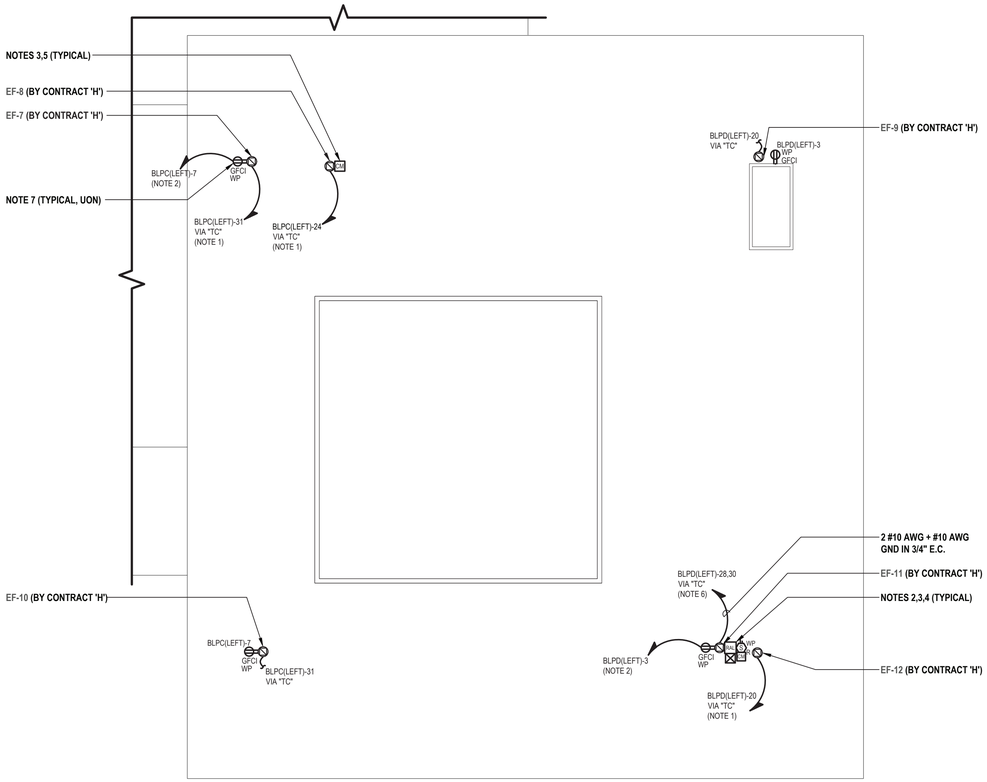
FINAL BID SET

SHEET TITLE

ELECTRICAL PARTIAL ROOF PLAN BUILDING A

DRAWING No.

E 140.00



1 Electrical Partial Roof Plan (Building B)

SCALE: 1/16"=1'-0"

ELECTRICAL GENERAL NOTES:

G1. REFER TO DRAWING E 130 FOR APPROXIMATE LOCATION OF EXISTING PANELS, NEW TIME CLOCKS AND ADDITIONAL INFORMATION.

G2. CONTRACTOR SHALL PROVIDE AND INSTALL ALL WIRE AND CONDUIT AS REQUIRED TO TERMINATE TO FACTORY PROVIDED DISCONNECT SWITCH.

ELECTRICAL KEY NOTES:

1. CONTRACTOR SHALL BE PERMITTED TO USE EXISTING 15A/1P SPARE CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL MOUNTING HARDWARE AS REQUIRED.

2. CONTRACTOR SHALL BE PERMITTED TO USE EXISTING 20A/1P SPARE CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL MOUNTING HARDWARE AS REQUIRED.

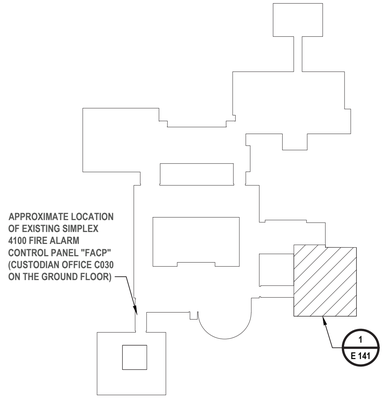
3. CONTRACTOR SHALL PROVIDE AND INSTALL NEW FIRE ALARM DEVICES AND ALL NECESSARY EQUIPMENT TO MAKE A PROPER CONNECTION TO EXISTING FIRE ALARM CONTROL PANEL "FACP" LOCATED IN THE CUSTODIAN OFFICE C030 IN THE GROUND FLOOR USING MANUFACTURERS RECOMMENDED WIRING IN 3/4" E.C. CONTRACTOR SHALL PROVIDE AND EXTEND POWER/DATA FEEDS TO NEW FIRE ALARM DEVICE LOCATION. PROVIDE AND INSTALL ALL EXPANSION CARDS, WIRE, CONDUIT, RELAYS, POWER SUPPLIES, BATTERIES, EXTENDERS, PROGRAMMING, MOUNTING HARDWARE, AND JUNCTION BOXES AS REQUIRED. COORDINATE EXACT MOUNTING LOCATION AND HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION. TYPICAL OF ALL FIRE ALARM DEVICES.

4. CONTRACTOR SHALL INSTALL DUCT SMOKE DETECTOR UPSTREAM OF ANY FILTERS, EXHAUST AIR CONNECTIONS, OUTDOOR AIR CONNECTIONS, OR DECONTAMINATION EQUIPMENT. PROVIDE AND INSTALL REMOTE ALARM LAMP ON FINISHED CEILING BELOW FOR ALL DUCT SMOKE DETECTORS INSTALLED ABOVE CEILINGS OR ON ROOFS.

5. CONTRACTOR SHALL PROVIDE AND INSTALL NEW ADDRESSABLE SHUTDOWN CONTROL MODULES, ASSOCIATED RELAYS, STARTERS, WIRE AND CONDUIT AS REQUIRED TO INTEGRATE NEW HVAC EQUIPMENT WITH FIRE ALARM SYSTEM. NEW HVAC EQUIPMENT TO BE INTERCONNECTED TO THE FIRE ALARM SYSTEM AND SHUT DOWN UPON FIRE ALARM SYSTEM ACTIVATION. INTERFACE WITH DESIGNATED UNITS.

6. CONTRACTOR SHALL REMOVE AND TURN OVER TO SCHOOL DISTRICT TWO (2) EXISTING 15A/1P CIRCUIT BREAKERS IN EXISTING PANEL. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW 25A/2P CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AS REQUIRED. NEW CIRCUIT BREAKER SHALL BE LISTED/LABELED FOR USE IN EXISTING PANEL. AMPERE INTERRUPTING CAPACITY (AIC) SHALL MATCH OR EXCEED EXISTING PANEL RATING. REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION.

7. CONTRACTOR SHALL PROVIDE AND INSTALL A CHANNEL SUPPORT SYSTEM AS REQUIRED TO MOUNT RECEPTACLE FROM THE ROOF CURBS SUPPORTING THE HVAC UNIT SUCH THAT THE UNIT'S MANUFACTURER'S WARRANTY IS NOT VOIDED. PROVIDE AND INSTALL ALL MOUNTING HARDWARE AND ACCESSORIES AS REQUIRED TO MAINTAIN WORKING CLEARANCE AS PER NEC 110.26. MAINTAIN ALL CLEARANCES FROM THE HVAC UNIT AS REQUIRED BY THE IMC.



Key Plan
SCALE: NTS

H 2 M architects + engineers

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CONSULTANTS:

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-	07-24-2023	FINAL BID SET
1	08-07-2023	ADDENDUM NO. 1

STATE OF NEW YORK · ANTHONY WOGNUM · 092583 · LICENSED PROFESSIONAL ENGINEER

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
SAN	SAN		

PROJECT No.:	DATE:	SCALE:
WPSD 2206	AUGUST 2023	AS SHOWN

CLIENT
White Plains City School District

WHITE PLAINS HIGH SCHOOL UPGRADES AND TURF FIELD

550 North Street
White Plains, NY 10605

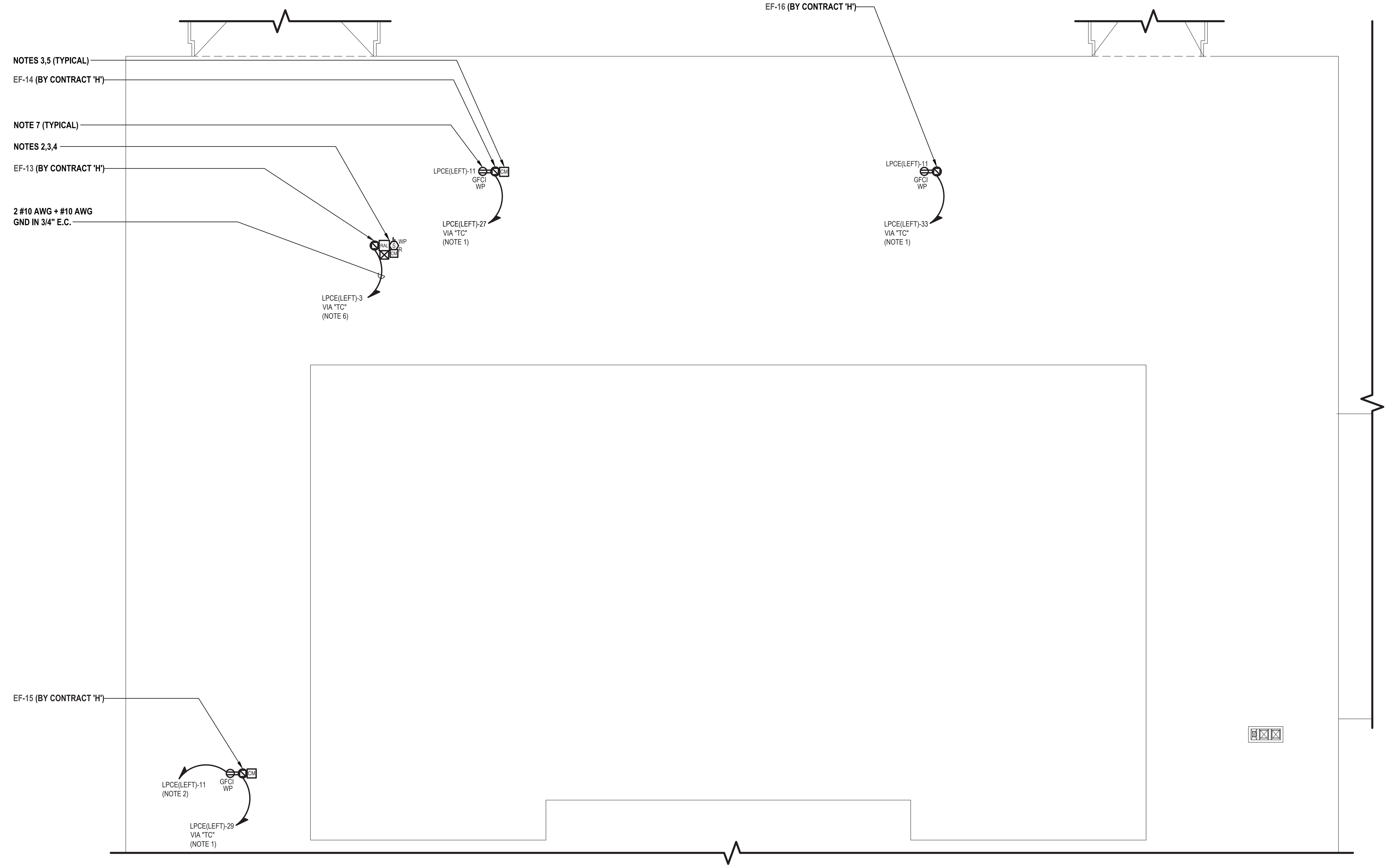
SED No. 66-22-00-01-0-16-029

CONTRACT
CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS
FINAL BID SET

SHEET TITLE
ELECTRICAL PARTIAL ROOF PLAN BUILDING B

DRAWING No.
E 141.00



1 **Electrical Roof Plan Building C**
SCALE: 1/16"=1'-0"

ELECTRICAL GENERAL NOTES:

G1. REFER TO DRAWING E 122 FOR APPROXIMATE LOCATION OF EXISTING PANELS, NEW TIME CLOCKS AND ADDITIONAL INFORMATION.

G2. CONTRACTOR SHALL PROVIDE AND INSTALL ALL WIRE AND CONDUIT AS REQUIRED TO TERMINATE TO FACTORY PROVIDED DISCONNECT SWITCH.

ELECTRICAL KEY NOTES:

1. CONTRACTOR SHALL BE PERMITTED TO USE EXISTING 15A/1P SPARE CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL MOUNTING HARDWARE AS REQUIRED.

2. CONTRACTOR SHALL BE PERMITTED TO USE EXISTING 20A/1P SPARE CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE AND INSTALL MOUNTING HARDWARE AS REQUIRED.

3. CONTRACTOR SHALL PROVIDE AND INSTALL NEW FIRE ALARM DEVICES AND ALL NECESSARY EQUIPMENT TO MAKE A PROPER CONNECTION TO EXISTING FIRE ALARM CONTROL PANEL "FACP" LOCATED IN THE CUSTODIAN OFFICE C030 IN THE GROUND FLOOR USING MANUFACTURERS RECOMMENDED WIRING IN 3/4" E.C. CONTRACTOR SHALL PROVIDE AND EXTEND POWER/DATA FEEDS TO NEW FIRE ALARM DEVICE LOCATION. PROVIDE AND INSTALL ALL EXPANSION CARDS, WIRE, CONDUIT, RELAYS, POWER SUPPLIES, BATTERIES, EXTENDERS, PROGRAMMING, MOUNTING HARDWARE, AND JUNCTION BOXES AS REQUIRED. COORDINATE EXACT MOUNTING LOCATION AND HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION. TYPICAL OF ALL FIRE ALARM DEVICES.

4. CONTRACTOR SHALL INSTALL DUCT SMOKE DETECTOR UPSTREAM OF ANY FILTERS, EXHAUST AIR CONNECTIONS, OUTDOOR AIR CONNECTIONS, OR DECONTAMINATION EQUIPMENT. PROVIDE AND INSTALL REMOTE ALARM LAMP ON FINISHED CEILING BELOW FOR ALL DUCT SMOKE DETECTORS INSTALLED ABOVE CEILINGS OR ON ROOFS.

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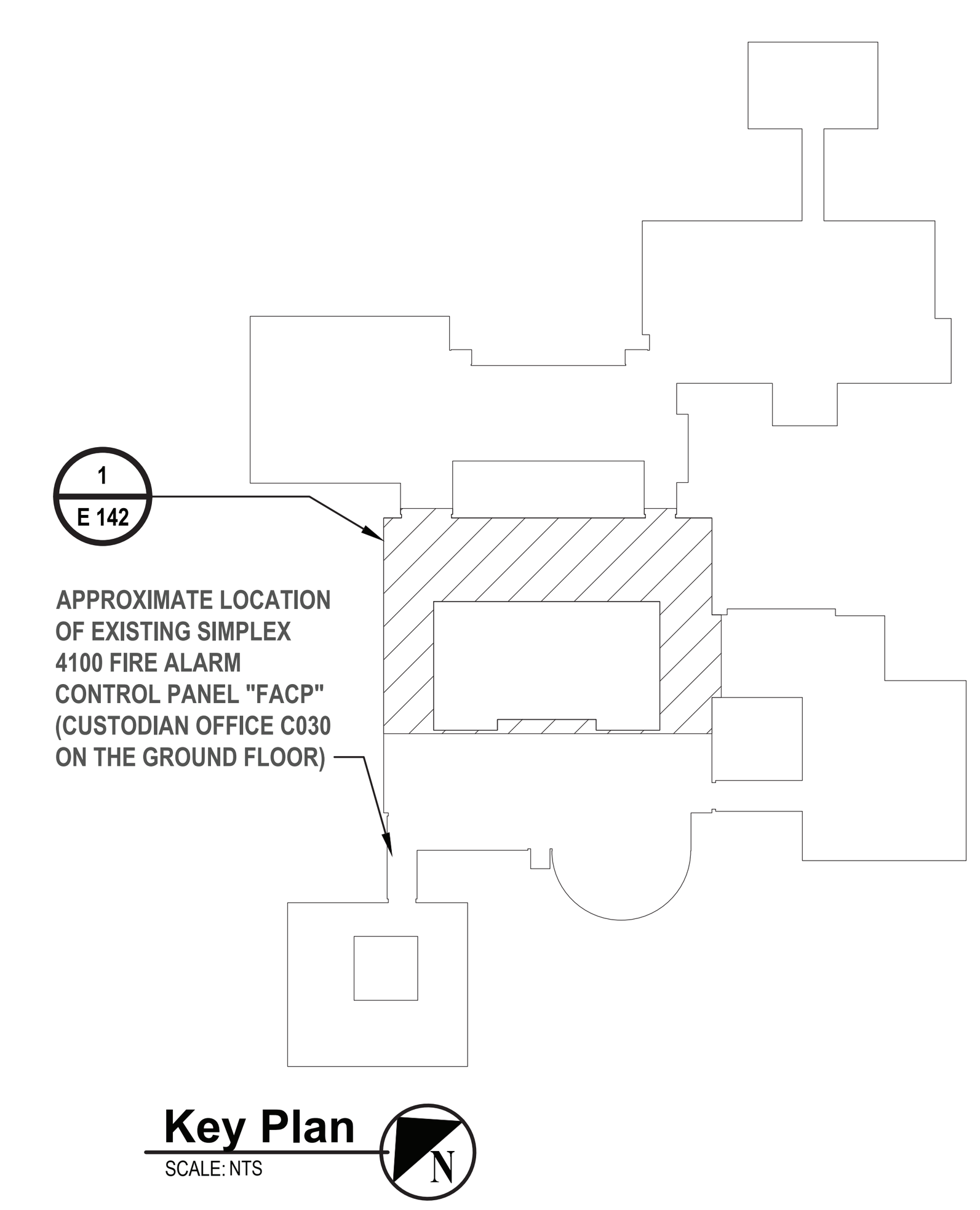

Key Plan
SCALE: NTS

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CONSULTANTS:

MARK	DATE	DESCRIPTION
-	07-24-2023	FINAL BID SET
1	08-07-2023	ADDENDUM NO. 1

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
SAN	SAN		

PROJECT No.:	DATE:	SCALE:
WPSD 2206	AUGUST 2023	AS SHOWN

CLIENT
White Plains City School District

WHITE PLAINS HIGH SCHOOL UPGRADES AND TURF FIELD

550 North Street
White Plains, NY 10605

SED No. 66-22-00-01-0-16-029

CONTRACT
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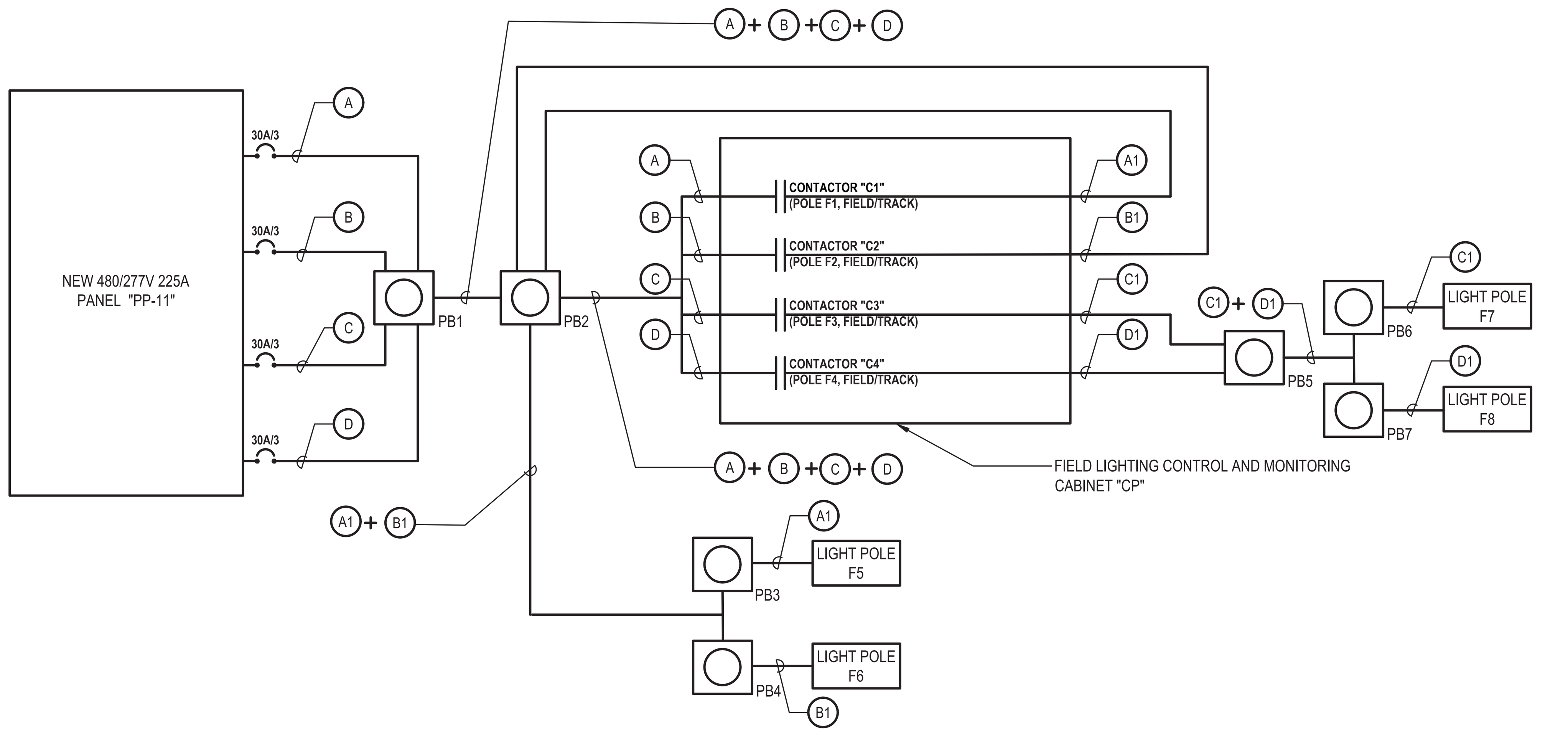
ELECTRICAL CONSTRUCTION

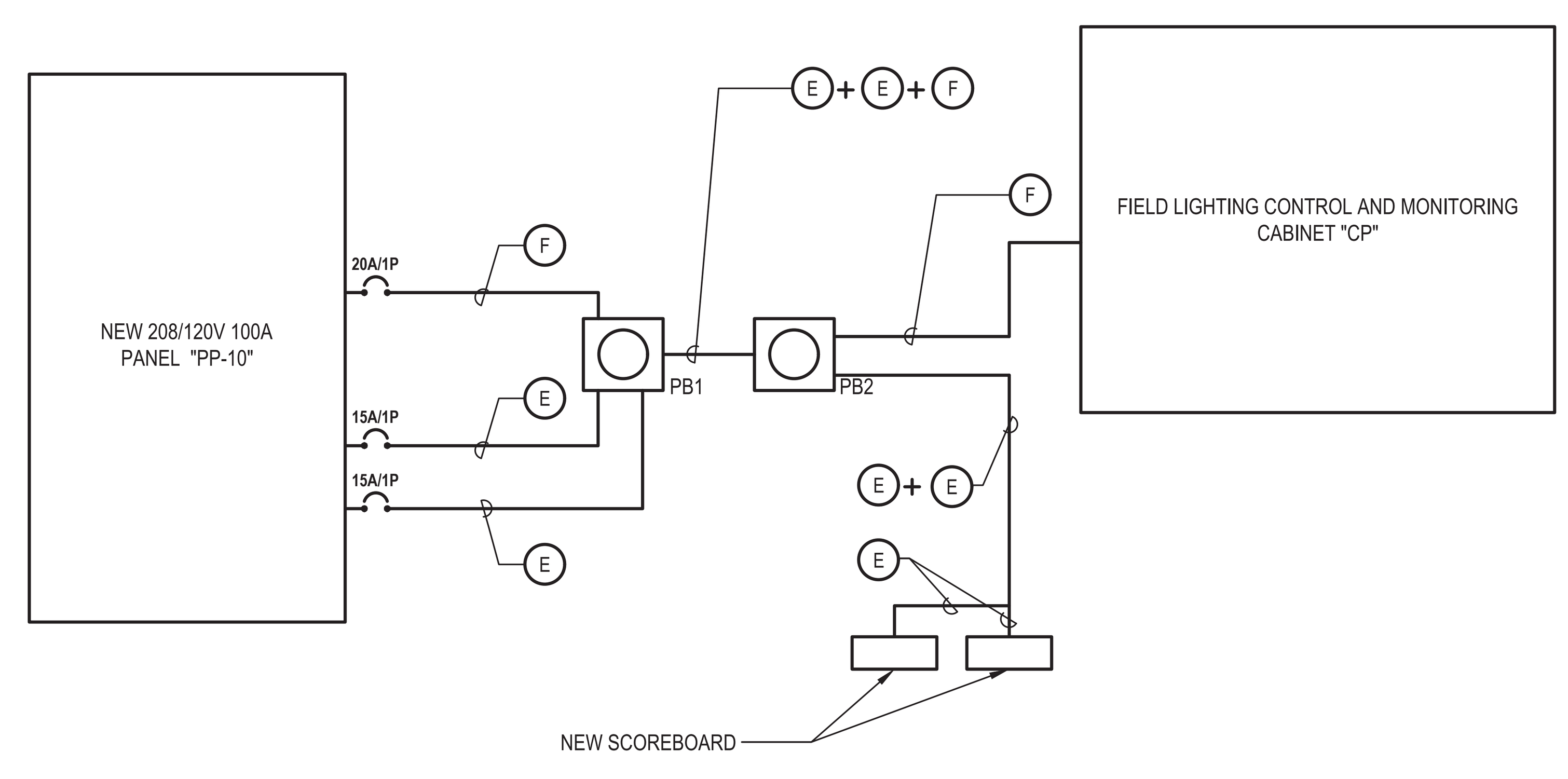
STATUS
FINAL BID SET

SHEET TITLE
ELECTRICAL PARTIAL ROOF PLAN BUILDING C

DRAWING No.
E 142.00



1 **Field Lighting Single Line Diagram (Note A1)**
SCALE:NTS



2 **Power Single Line Diagram**
SCALE:NTS

ELECTRICAL ADD/ALT NOTE:

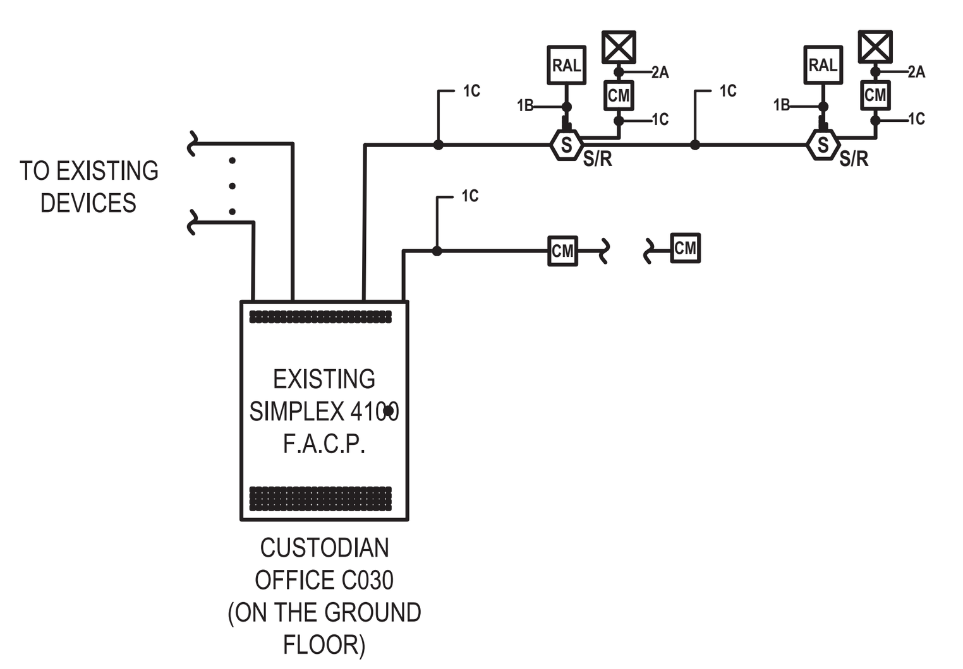
A1. CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIAL COST ASSOCIATED WITH WORK SHOWN ON THIS DETAIL IN ADD/ALTERNATE E5, ONLY.

SINGLE LINE DIAGRAM AND SITE PLAN FEEDER SCHEDULE

FEEDER	CONDUTOR AND CONDUITS FEEDER SCHEDULE
A	3 #6 AWG + #6 AWG GND IN 1" E.C. (FROM PANEL "PP-11" TO FOR CONTACTOR C1 IN CONTROL PANEL)
B	3 #4 AWG + #4 AWG GND IN 1-1/4" E.C. (FROM PANEL "PP-11" TO FOR CONTACTOR C2 IN CONTROL PANEL)
C	3 #3 AWG + #3 AWG GND IN 1-1/2" E.C. (FROM PANEL "PP-11" TO FOR CONTACTOR C3 IN CONTROL PANEL)
D	3 #2 AWG + #2 AWG GND IN 1-1/2" E.C. (FROM PANEL "PP-11" TO FOR CONTACTOR C4 IN CONTROL PANEL)
A1	3 #6 AWG + #6 AWG GND IN 1" E.C.
B1	3 #4 AWG + #4 AWG GND IN 1-1/4" E.C.
C1	3 #3 AWG + #3 AWG GND IN 1-1/2" E.C.
D1	3 #2 AWG + #2 AWG GND IN 1-1/2" E.C.
E	3 #2 AWG + #2 AWG GND IN 1-1/2" E.C.
F	3 #1/0 AWG + #1/0 AWG GND IN 2" E.C.
G	2" SPARE E.C. WITH NYLON PULL STRING

FIRE ALARM LEGEND

SYMBOL	DESCRIPTION	COMMENTS
RAL S S/R CM	DUCT DETECTOR WITH REMOTE ALARM LAMP; "S" DENOTES SUPPLY, "R" DENOTES RETURN.	
CM	CONTROL MODULE.	

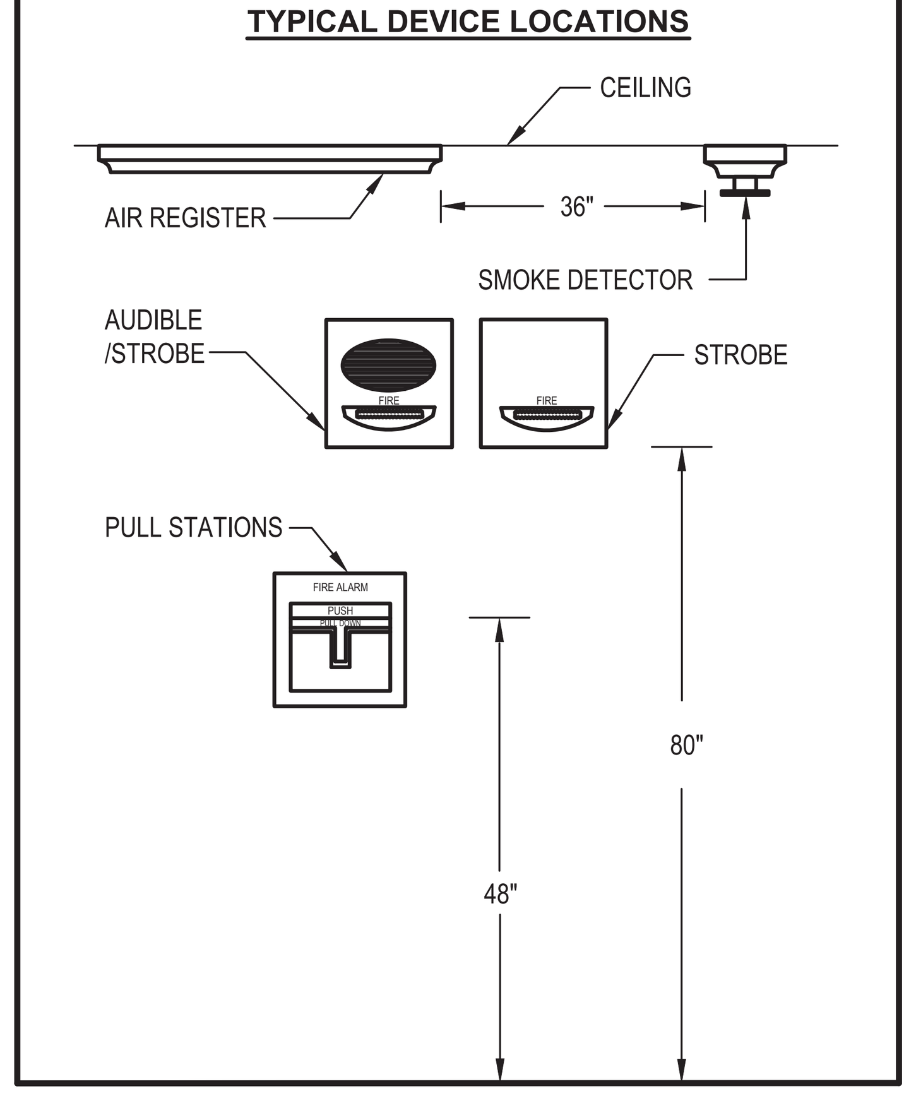


F1 **Fire Alarm Riser Diagram (Note 15)**
SCALE:NTS

WIRE LEGEND

	WIRE DESCRIPTION	NOTES
A	#14 AWG. NON SHIELDED	
B	1 PAIR #18 AWG. NON SHIELDED	
C	1 PAIR #14 AWG. NON SHIELDED	

TYPICAL DEVICE LOCATIONS



F2 **Typical Fire Alarm Device Location**
SCALE:NTS

FIRE ALARM GENERAL NOTES:

1. ALL WIRING TO BE INSTALLED ACCORDING TO THE LATEST REVISION OF THE NATIONAL ELECTRIC CODE AND N.F.P.A 72 AS REQUIRED BY LOCAL ORDINANCE.
2. ALL CONDUCTORS MUST BE TEST FREE OF OPENS, SHORTS AND GROUNDS.
3. GROUNDING MUST COMPLY WITH THE NATIONAL ELECTRIC CODE. GROUNDING MUST BE No. 12 AWG.
4. ALL PANEL TERMINATIONS TO BE SUPERVISED BY A FACTORY AUTHORIZED TECHNICIAN PRIOR TO POWERING EQUIPMENT.
5. FOR COMPONENT WIRING AND INSTALLATION INFORMATION REFER TO MANUFACTURERS REQUIREMENTS.
6. REFER TO CONTRACT DRAWINGS FOR APPROXIMATE DEVICE LOCATIONS. DRAWINGS REPRESENT DEVICE QUANTITIES. SHOP DRAWINGS SHALL BE SUBMITTED SHOWING SCALED LOCATIONS. CONTRACTOR TO SUBMIT PLANS STAMPED BY LICENSED NEW YORK PROFESSIONAL ENGINEER ONLY. SHOP DRAWINGS WITHOUT P.E STAMP WILL BE AUTOMATICALLY REJECTED.
7. CONTRACTOR RESPONSIBLE TO PATCH & PAINT ALL OPENINGS AS A RESULT OF REMOVAL OF EXISTING EQUIPMENT.
8. INSTALL DETECTORS A MINIMUM OF 3'-0" FROM ANY SUPPLY OR RETURN AIR REGISTERS. COORDINATE EXACT LOCATIONS OF SUPPLY/RETURNS REGISTERS WITH MECHANICAL CONTRACTOR
9. WHEN INSTALLING SHIELDED CABLE THE FOLLOWING MUST BE OBSERVED:
   A. METALLIC CONTINUITY MUST BE MAINTAINED THROUGHOUT THE CABLE RUN.
   B. THE CABLE SHIELD MUST BE ISOLATED FROM GROUND AND TERMINATED ONLY IN THE ASSOCIATED CONTROL PANEL AT THE TERMINAL INDICATED ON THE CONTROL PANEL DRAWINGS. THE REMOTE END OF THE SHIELD (AT LAST DEVICE) MUST BE TAPED AND ISOLATED FROM GROUND.
10. AFTER ALARM INDICATION, ALL FANS SHALL BE MANUALLY RESET INDEPENDENT FROM F.A.C.P. SYSTEM RESET. PROVIDE ALL REQUIRED HARDWARE ACCESSORIES, MOTOR STARTERS, CONTROLS, POWER AND CONTROL WIRING AND CONDUITS TO PROVIDE INDEPENDENT RESET OF ALL FANS AFTER ALARM INDICATION.
11. INSTALL ALL DEVICES IN ACCORDANCE WITH A.D.A REQUIREMENTS. ALL DEVICES SHALL BE MOUNTED AS FOLLOWS:
    A. MANUAL PULL STATIONS 48" O.C.
    B. ALARM INDICATING APPLIANCE 80" A.F.F.
    C. VERIFY WITH CONTRACT SPECIFICATIONS FOR ANY DEVIATIONS.
12. ALL EQUIPMENT TO BE RECESSED MOUNTED AND ALL WIRING AND CONDUIT TO BE RUN CONCEALED
13. PROVIDE AND INSTALL ALL NECESSARY CONTROL MODULES, SYNCHRONIZATION MODULES, STARTERS AND MONITOR MODULES AS REQUIRED BY MANUFACTURER.
14. PROVIDE ALL REQUIRED DUCT SMOKE DETECTORS. CONTRACTOR TO INSTALL DUCT SMOKE DETECTORS. CONTRACTOR TO INTERFACE ALL DUCT DETECTORS WITH FACP.
15. FIRE ALARM RISER DIAGRAM IS SCHEMATIC. REFER TO FLOOR PLANS FOR DEVICE TYPES AND QUANTITIES.
16. ALL HVAC EQUIPMENT WITH A CFM RATING OF 1000 CFM OR GREATER SHALL BE INTERCONNECTED TO THE FIRE ALARM SYSTEM AND SHUT DOWN UPON FIRE ALARM SYSTEM ALARM ACTIVATION. CONTRACTOR SHALL ALSO PROVIDE AND INSTALL NEW SUPPLY AND RETURN DUCT SMOKE DETECTORS WITH REMOTE LED'S FOR ALL HVAC UNITS WITH A CFM RATING OF 2000 CFM OR GREATER. CONTRACTOR SHALL PROVIDE IN BASE BID PRICE A COST FOR INTERCONNECTING TWO (2) ADDITIONAL HVAC UNITS TO SHUTDOWN UPON ALARM ACTIVATION AND ALL COSTS FOR PROVIDING AND INSTALLING TWO (2) DUCT SMOKE DETECTORS WITH REMOTE LEDS INCLUDING ALL ASSOCIATED CONTROL MODULES AND WIRING/CONDUIT. CONTRACTOR SHALL INTERFACE WITH ALL EXISTING STARTERS AND PROVIDE NEW STARTERS WHERE REQUIRED.

	CONTROL UNIT ANNUNCIATION						NOTIFICATION				SUPPLEMENTARY			
	ACTUATE COMMON ALARM SIGNAL INDICATOR	ACTUATE VISUAL ALARM SIGNAL	ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR	ACTUATE COMMON TROUBLE SIGNAL	ACTUATE ZONE INDICATION	ACTUATE FULL BUILDING EVACUATION SIGNAL	DISPLAY CHANGE OF STATUS	TRANSMIT FIRE ALARM SIGNAL TO SUPERVISING STATION	TRANSMIT SUPERVISION SIGNAL TO SUPERVISING STATION	TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION	ACTUATE TO RELEASE DOOR HOLD	HVAC FAN SHUTDOWN	INITIATE EXTERIOR STROBE	
MANUAL PULL STATION	●	●			●	●	●	●			●	●	●	
SMOKE DETECTOR	●	●			●	●	●	●			●	●	●	
HEAT DETECTOR	●	●			●	●	●	●			●	●	●	
DUCT DETECTOR	●	●			●	●	●	●			●	●	●	
CARBON MONOXIDE DETECTOR					●		●		●		●			
FIRE PANEL AC POWER FAILURE			●						●					
FA SYSTEM LOW BATTERY				●						●				
OPEN CIRCUIT				●						●				
GROUND FAULT				●						●				
NOTIFICATION APPLIANCE CIRCUIT SHORT				●						●				

F3 **Fire Alarm Sequence of Operation**
SCALE:NTS

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Purchase, NY 10577
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CONSULTANTS:

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-	07-24-2023	FINAL BID SET
1	08-07-2023	ADDENDUM NO. 1

STATE OF NEW YORK · LICENSED PROFESSIONAL ENGINEER · 092593

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
LK/SAN	LK/SAN		
PROJECT No.: WPSD 2206	DATE: AUGUST 2023	SCALE: AS SHOWN	

CLIENT
White Plains City School District

WHITE PLAINS HIGH SCHOOL UPGRADES AND TURF FIELD

White Plains Public Schools · WP · REAL LIFE LEARNING

550 North Street
White Plains, NY 10605

SED No. 66-22-00-01-0-16-029

CONTRACT
CONTRACT E ELECTRICAL CONSTRUCTION

STATUS
FINAL BID SET

SHEET TITLE
ELECTRICAL FIELD LIGHTING SINGLE LINE DIAGRAMS, FIRE ALARM LEGEND, RISER AND NOTES

DRAWING No.
E 200.00

Panel Wiring Schedule (3-Phase)

Panelboard: PP-11 (EXISTING) | Voltage: 277/480 | Phase: 3 | Wire: 4 | AIC Rating: EXISTING
Manufacturer: EATON | Mains: 225A MCB | Mains Rating: 225A
Panel Type: PRL2A | Mounting: SURFACE | Options: - | Note: -
NEMA Type Enclosure: 1

LOAD DESCRIPTION	BREAKER OPTION	TRIP AMPS & POLES	CONNECTED LOAD VOLT AMPERES Ø A	Ø B	Ø C	CIRC. NO.	CIRC. NO.	CONNECTED LOAD VOLT AMPERES Ø A	Ø B	Ø C	TRIP AMPS & POLES	BREAKER OPTION	LOAD DESCRIPTION
EXISTING		40A/3P	-			1	2	-			25A/3P		EXISTING
				-		3	4		-				
					-	5	6			-			
EXISTING		100A/3P	-			7	8	-			20A/3P		SPARE
				-		9	10		-				
					-	11	12			-			
LIGHT FIXTURE "F5"		30A/3P	4792			13	14	-			20A/3P		SPARE
				4792		15	16		-				
					4792	17	18			-			
LIGHT FIXTURE "F6"		30A/3P	4792			19	20	-			20A/3P		SPARE
				4792		21	22		-				
					4792	23	24			-			
LIGHT FIXTURE "F7"		30A/3P	4792			25	26	-			20A/3P		SPARE
				4792		27	28		-				
					4792	29	30			-			
LIGHT FIXTURE "F8"		30A/3P	4792			31	32	-			20A/3P		SPARE
				4792		33	34		-				
					4792	35	36			-			
LIGHTING CONTROL PANEL		20A/1P	3600			37	38	-			20A/1P		SPARE
NEW SCOREBOARDS		15A/1P		1440		39	40		-		20A/1P		SPARE
SPARE		20A/1P			-	41	42			-	20A/1P		SPARE

Connected Totals: ØA EXISTING KVA; ØB EXISTING KVA; ØC EXISTING KVA; Total EXISTING KVA; EXISTING Amperes

(All Phases to be balanced to within 7% using Actual Load Totals.)

Breaker Options:
AS - Powerlink AS Breaker
LO - Handle lock-off device
ST - Shunt Trip Type
AUX - Auxiliary Contacts
PA - Handle Padlock Attachment
GFCI - Ground Fault Circuit Interrupter
HACR - Heating, A/C & Refrigeration
SF - Subfeed
TC - Time Clock Control

Panel Wiring Schedule (3-Phase)

Panelboard: ALPC (LEFT) (EXISTING) | Voltage: 120/208 | Phase: 3 | Wire: 4 | AIC Rating: EXISTING
Manufacturer: EATON | Mains: 150A MCB | Mains Rating: 225A
Panel Type: PRL2a | Mounting: SURFACE | Options: - | Note: -
NEMA Type Enclosure: 1

LOAD DESCRIPTION	BREAKER OPTION	TRIP AMPS & POLES	CONNECTED LOAD VOLT AMPERES Ø A	Ø B	Ø C	CIRC. NO.	CIRC. NO.	CONNECTED LOAD VOLT AMPERES Ø A	Ø B	Ø C	TRIP AMPS & POLES	BREAKER OPTION	LOAD DESCRIPTION
EXISTING SPARE		30A/1P	-			1	2	-			20A/1P		EXISTING
CONVENIENCE RECEPTACLES		20A/1P		-		3	4		-		20A/1P		EXISTING
EXISTING SPARE		20A/1P			-	5	6			-	20A/1P		EXISTING
EXISTING SPARE		20A/1P	-			7	8	-			20A/1P		EXISTING SPARE
EXISTING SPARE		20A/1P		-		9	10		-		20A/1P		EXISTING SPARE
EXISTING SPARE		20A/1P			-	11	12			-	20A/1P		EXISTING SPARE
EXISTING		20A/1P	-			13	14	-			20A/1P		EXISTING SPARE
EXISTING		20A/1P		-		15	16		-		30A/1P		EXISTING SPARE
EXISTING		20A/1P			-	17	18			-	20A/1P		EXISTING
EXISTING		20A/1P	-			19	20	-			15A/1P		EXISTING
EXISTING		15A/1P		-		21	22		-		15A/1P		EXISTING
EXISTING		15A/1P			-	23	24			-	15A/1P		EXISTING SPARE
EXISTING		15A/1P	-			25	26	-			15A/1P		EXISTING SPARE
EXISTING		15A/1P		-		27	28		-		15A/1P		EXISTING SPARE
EXISTING		15A/1P			-	29	30			-	15A/1P		EXISTING SPARE
EXISTING		15A/1P	-			31	32	-			15A/1P		EXISTING SPARE
EF-1,3	HACR	15A/1P		684		33	34		-		15A/1P		EXISTING SPARE
EF-2	HACR	25A/1P			1300	35	36			-	15A/1P		EXISTING SPARE
			1300			37	38	-			15A/1P		EXISTING SPARE
EXISTING SPARE		15A/1P		-		39	40		-		15A/1P		EXISTING SPARE
EXISTING SPARE		15A/1P			-	41	42			-	15A/1P		EXISTING SPARE

Connected Totals: ØA - KVA; ØB - KVA; ØC - KVA; Total - KVA; - Amperes

(All Phases to be balanced to within 7% using Actual Load Totals.)

Breaker Options:
AS - Powerlink AS Breaker
LO - Handle lock-off device
ST - Shunt Trip Type
AUX - Auxiliary Contacts
PA - Handle Padlock Attachment
GFCI - Ground Fault Circuit Interrupter
HACR - Heating, A/C & Refrigeration
SF - Subfeed
TC - Time Clock Control

Panel Wiring Schedule (3-Phase)

Panelboard: BLPD (LEFT) (EXISTING) | Voltage: 120/208 | Phase: 3 | Wire: 4 | AIC Rating: EXISTING
Manufacturer: EATON | Mains: 150A MCB | Mains Rating: 225A
Panel Type: PRL2a | Mounting: SURFACE | Options: - | Note: -
NEMA Type Enclosure: 1

LOAD DESCRIPTION	BREAKER OPTION	TRIP AMPS & POLES	CONNECTED LOAD VOLT AMPERES Ø A	Ø B	Ø C	CIRC. NO.	CIRC. NO.	CONNECTED LOAD VOLT AMPERES Ø A	Ø B	Ø C	TRIP AMPS & POLES	BREAKER OPTION	LOAD DESCRIPTION
EXISTING		15A/1P	-			1	2	-			20A/1P		EXISTING SPARE
CONVENIENCE RECEPTACLES		20A/1P		-		3	4		-		20A/1P		EXISTING SPARE
EXISTING		15A/1P			-	5	6			-	20A/1P		EXISTING SPARE
EXISTING		15A/1P	-			7	8	-			20A/1P		EXISTING SPARE
EXISTING		15A/1P		-		9	10		-		20A/1P		EXISTING
EXISTING		15A/1P			-	11	12			-	20A/1P		EXISTING
EXISTING		15A/1P	-			13	14	-			15A/1P		EXISTING
EXISTING		15A/1P		-		15	16		-		15A/1P		EXISTING
EXISTING		15A/1P			-	17	18			-	20A/1P		EXISTING
EXISTING		15A/1P	-			19	20	684			15A/1P	HACR	EF-9, EF-12
EXISTING		15A/1P		-		21	22		-		15A/1P		EXISTING
EXISTING		15A/1P			-	23	24			-	15A/1P		EXISTING
EXISTING		15A/1P	-			25	26	-			20A/1P		EXISTING
EXISTING		15A/1P		-		27	28		1300		25A/2P	HACR	EF-11
EXISTING		15A/1P			-	29	30			1300			
EXISTING		15A/1P	-			31	32	-			15A/1P		EXISTING SPARE
EXISTING SPARE		15A/1P		-		33	34		-		15A/1P		EXISTING SPARE
EXISTING		15A/1P			-	35	36			-	20A/1P		EXISTING SPARE
EXISTING		15A/1P	-			37	38	-			20A/1P		EXISTING SPARE
EXISTING		15A/1P		-		39	40		-		15A/1P		EXISTING SPARE
EXISTING SPARE		20A/1P			-	41	42			-	20A/1P		EXISTING SPARE

Connected Totals: ØA - KVA; ØB - KVA; ØC - KVA; Total - KVA; - Amperes

(All Phases to be balanced to within 7% using Actual Load Totals.)

Breaker Options:
AS - Powerlink AS Breaker
LO - Handle lock-off device
ST - Shunt Trip Type
AUX - Auxiliary Contacts
PA - Handle Padlock Attachment
GFCI - Ground Fault Circuit Interrupter
HACR - Heating, A/C & Refrigeration
SF - Subfeed
TC - Time Clock Control

Panel Wiring Schedule (3-Phase)

Panelboard: PP-10 (EXISTING) | Voltage: 277/480 | Phase: 3 | Wire: 4 | AIC Rating: EXISTING
Manufacturer: EATON | Mains: MLO | Mains Rating: 100A
Panel Type: PRL1A | Mounting: SURFACE | Options: - | Note: -
NEMA Type Enclosure: 1

LOAD DESCRIPTION	BREAKER OPTION	TRIP AMPS & POLES	CONNECTED LOAD VOLT AMPERES Ø A	Ø B	Ø C	CIRC. NO.	CIRC. NO.	CONNECTED LOAD VOLT AMPERES Ø A	Ø B	Ø C	TRIP AMPS & POLES	BREAKER OPTION	LOAD DESCRIPTION
EXISTING		20A/1P	-			1	2	-			20A/1P		EXISTING
EXISTING		20A/1P		-		3	4		-		20A/1P		EXISTING
EXISTING		20A/1P			-	5	6			-	20A/1P		EXISTING
EXISTING		20A/1P	-			7	8	3600			20A/1P		LIGHTING CONTROL PANEL
SPARE		20A/1P		-		9	10		-		20A/1P		SPARE
SPARE		20A/1P			-	11	12			-	20A/1P		SPARE
EXISTING		20A/1P	-			13	14	-			20A/1P		SPARE
EXISTING		20A/1P		-		15	16		-		20A/1P		SPARE
EXISTING		20A/1P			-	17	18			-	20A/1P		SPARE
SPARE		20A/1P	-			19	20	-			20A/1P		SPARE
SPARE		20A/1P		-		21	22		-		20A/1P		SPARE
SPARE		20A/1P			-	23	24			-	20A/1P		SPARE
SPACE		-	-			25	26	360			15A/1P		SCOREBOARD 1
SPACE		-		-		27	28		360		15A/1P		SCOREBOARD 2
SPACE		-			-	29	30			-	-		SPACE

Connected Totals: ØA EXISTING KVA; ØB EXISTING KVA; ØC EXISTING KVA; Total EXISTING KVA; EXISTING Amperes

(All Phases to be balanced to within 7% using Actual Load Totals.)

Breaker Options:
AS - Powerlink AS Breaker
LO - Handle lock-off device
ST - Shunt Trip Type
AUX - Auxiliary Contacts
PA - Handle Padlock Attachment
GFCI - Ground Fault Circuit Interrupter
HACR - Heating, A/C & Refrigeration
SF - Subfeed
TC - Time Clock Control

Panel Wiring Schedule (3-Phase)

Panelboard: ALPD (RIGHT) (EXISTING) | Voltage: 120/208 | Phase: 3 | Wire: 4 | AIC Rating: EXISTING
Manufacturer: EATON | Mains: 150A MCB | Mains Rating: 225A
Panel Type: PRL2a | Mounting: SURFACE | Options: - | Note: -
NEMA Type Enclosure: 1

LOAD DESCRIPTION	BREAKER OPTION	TRIP AMPS & POLES	CONNECTED LOAD VOLT AMPERES Ø A	Ø B	Ø C	CIRC. NO.	CIRC. NO.	CONNECTED LOAD VOLT AMPERES Ø A	Ø B	Ø C	TRIP AMPS & POLES	BREAKER OPTION	LOAD DESCRIPTION
EXISTING		15A/1P	-			1	2	-			40A/1P		EXISTING SPARE
EXISTING		15A/1P		-		3	4		-		20A/1P		EXISTING SPARE
EXISTING		15A/1P			-	5	6			-	20A/1P		EXISTING
EXISTING SPARE		20A/2P	-			7	8	-			20A/2P		EXISTING SPARE
				-		9	10		-				
CONVENIENCE RECEPTACLES		20A/1P			-	11	12			-	20A/1P		EXISTING SPARE
EXISTING SPARE		20A/1P	-			13	14	-			20A/1P		EXISTING SPARE
EXISTING SPARE		20A/1P		-		15	16		-		20A/1P		EXISTING SPARE
EXISTING SPARE		20A/1P			-	17	18			-	20A/1P		EXISTING SPARE
EXISTING		20A/1P	-			19	20	-			20A/1P		EXISTING SPARE
EXISTING SPARE		20A/1P		-		21	22		-		20A/1P		EXISTING
EF-4,6	HACR	15A/1P			684	23	24			-	15A/1P		EXISTING
EF-5	HACR	25A/2P	1300			25	26	-			15A/1P		EXISTING
				1300		27	28		-		15A/1P		EXISTING SPARE
EXISTING SPARE		15A/1P			-	29	30			-	15A/1P		EXISTING SPARE
EXISTING		15A/1P	-			31	32	-			15A/1P		EXISTING SPARE
EXISTING		15A/1P		-		33	34		-		15A/1P		EXISTING SPARE
EXISTING SPARE		15A/1P			-	35	36			-	15A/1P		EXISTING SPARE
EXISTING		40A/3P	-			37	38	-			15A/1P		EXISTING SPARE
				-		39	40		-		15A/1P		EXISTING SPARE
					-	41	42			-	15A/1P		EXISTING SPARE

Connected Totals: ØA - KVA; ØB - KVA; ØC - KVA; Total - KVA; - Amperes

(All Phases to be balanced to within 7% using Actual Load Totals.)

Breaker Options:
AS - Powerlink AS Breaker
LO - Handle lock-off device
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GFCI - Ground Fault Circuit Interrupter
HACR - Heating, A/C & Refrigeration
SF - Subfeed
TC - Time Clock Control

Panel Wiring Schedule (3-Phase)

Panelboard: BLPC (LEFT) (EXISTING) | Voltage: 120/208 | Phase: 3 | Wire: 4 | AIC Rating: EXISTING
Manufacturer: EATON | Mains: 150A MCB | Mains Rating: 225A
Panel Type: PRL2a | Mounting: SURFACE | Options: - | Note: -
NEMA Type Enclosure: 1

LOAD DESCRIPTION	BREAKER OPTION	TRIP AMPS & POLES	CONNECTED LOAD VOLT AMPERES Ø A	Ø B	Ø C	CIRC. NO.	CIRC. NO.	CONNECTED LOAD VOLT AMPERES Ø A	Ø B	Ø C	TRIP AMPS & POLES	BREAKER OPTION	LOAD DESCRIPTION
EXISTING		20A/1P	-			1	2	-			20A/1P		EXISTING
EXISTING		20A/1P		-		3	4		-		20A/1P		EXISTING SPARE
EXISTING		20A/1P			-	5	6			-	20A/1P		EXISTING
CONVENIENCE RECEPTACLES		20A/1P	-			7	8	-			20A/1P		EXISTING
EXISTING SPARE		20A/1P		-		9	10		-		20A/1P		EXISTING
EXISTING SPARE		20A/1P			-	11	12			-	20A/1P		EXISTING
EXISTING		20A/1P	-			13	14	-			20A/1P		EXISTING
EXISTING		15A/1P		-		15	16		-		15A/1P		EXISTING
EXISTING		15A/1P			-	17	18			-	15A/2P		EXISTING
EXISTING		15A/1P	-			19	20	-					
EXISTING		15A/1P		-		21	22		-		15A/1P		EXISTING
EXISTING		15A/1P			-	23	24			768	15A/1P	HACR	EF-8
EXISTING		15A/1P	-			25	26	-			15A/1P		EXISTING SPARE
EXISTING		15A/1P		-		27	28		-		15A/1P		EXISTING SPARE
EXISTING		15A/1P			-	29	30			-	15A/1P		EXISTING SPARE
EF-7,10	HACR	15A/1P	684			31	32	-			15A/1P		EXISTING SPARE
EXISTING		15A/1P		-		33	34		-		15A/1P		EXISTING SPARE
EXISTING		15A/1P			-	35	36			-	15A/1P		EXISTING SPARE
EXISTING		15A/1P	-			37	38	-			15A/1P		EXISTING SPARE
EXISTING		15A/1P		-		39	40		-		15A/1P		EXISTING SPARE
EXISTING		15A/1P			-	41	42			-	15A/1P		EXISTING SPARE

Connected Totals: ØA - KVA; ØB - KVA; ØC - KVA; Total - KVA; - Amperes

(All Phases to be balanced to within 7% using Actual Load Totals.)

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SF - Subfeed
TC - Time Clock Control

Panel Wiring Schedule (3-Phase)

Panelboard: LPCE (LEFT) (EXISTING) | Voltage: 120/208 | Phase: 3 | Wire: 4 | AIC Rating: EXISTING
Manufacturer: EATON | Mains: 150A MCB | Mains Rating: 125A
Panel Type: PRL2a | Mounting: SURFACE | Options: - | Note: -
NEMA Type Enclosure: 1

LOAD DESCRIPTION	BREAKER OPTION	TRIP AMPS & POLES	CONNECTED LOAD VOLT AMPERES Ø A	Ø B	Ø C	CIRC. NO.	CIRC. NO.	CONNECTED LOAD VOLT AMPERES Ø A	Ø B	Ø C	TRIP AMPS & POLES	BREAKER OPTION	LOAD DESCRIPTION
EXISTING		20A/1P	-			1	2	-			20A/1P		EXISTING
EF-13	HACR	25A/1P		1380		3	4		-		20A/1P		EXISTING
EXISTING		20A/1P			-	5	6			-	20A/1P		EXISTING
EXISTING		20A/1P	-			7	8	-			20A/1P		EXISTING
EXISTING		20A/1P		-		9	10		-		20A/1P		EXISTING
CONVENIENCE RECEPTACLES		20A/1P			-	11	12			-	20A/1P		EXISTING
EXISTING		20A/1P	-			13	14	-			20A/2P		EXISTING
EXISTING		20A/1P		-		15	16		-				
EXISTING		15A/1P			-	17	18			-	15A/1P		EXISTING
EXISTING		15A/1P	-			19	20	-			15A/1P		EXISTING
EXISTING		15A/1P		-		21	22		-		15A/1P		EXISTING
EXISTING		15A/1P			-	23	24			-	15A/1P		EXISTING
EXISTING		15A/1P	-			25	26	-			15A/1P		EXISTING
EF-14	HACR	15A/1P		768		27	28		-		15A/1P		EXISTING
EF-15	HACR	15A/1P			768	29	30			-	15A/1P		EXISTING SPARE
EXISTING		15A/1P	-			31	32	-			15A/1P		EXISTING
EF-16	HACR	15A/1P		342		33	34		-		15A/1P		EXISTING SPARE
EXISTING SPARE		15A/1P			-	35	36			-	15A/1P		EXISTING SPARE
EXISTING SPARE		15A/1P	-			37	38	-			15A/1P		EXISTING SPARE
EXISTING		15A/1P		-		39	40		-		15A/1P		EXISTING SPARE
EXISTING SPARE		15A/1P			-	41	42			-	15A/1P		EXISTING SPARE

Connected Totals: ØA - KVA; ØB - KVA; ØC - KVA; Total - KVA; - Amperes

(All Phases to be balanced to within 7% using Actual Load Totals.)

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HACR - Heating, A/C & Refrigeration
SF - Subfeed
TC - Time Clock Control

H2M architects + engineers
2700 Westchester Ave., Suite 415
Purchase, NY 10577
914.358.5623 • www.h2m.com

CONSULTANTS:

MARK	DATE	DESCRIPTION
-	07-24-2023	FINAL BID SET
1	08-07-2023	ADDENDUM NO. 1

STATE OF NEW YORK · ANTHONY WOONGJIN KIM · 092583 · LICENSED PROFESSIONAL ENGINEER

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
LK/SAN	LK/SAN		

PROJECT No.:	DATE:	SCALE:
WPSD 2206	AUGUST 2023	AS SHOWN

CLIENT
White Plains City School District

WHITE PLAINS HIGH SCHOOL
UPGRADES AND TURF FIELD

550 North Street
White Plains, NY 10605

SED No. 66-22-00-01-0-16-029

CONTRACT
CONTRACT E
ELECTRICAL CONSTRUCTION

STATUS
FINAL BID SET

SHEET TITLE
ELECTRICAL PANEL SCHEDULES

DRAWING No.
E 201.00