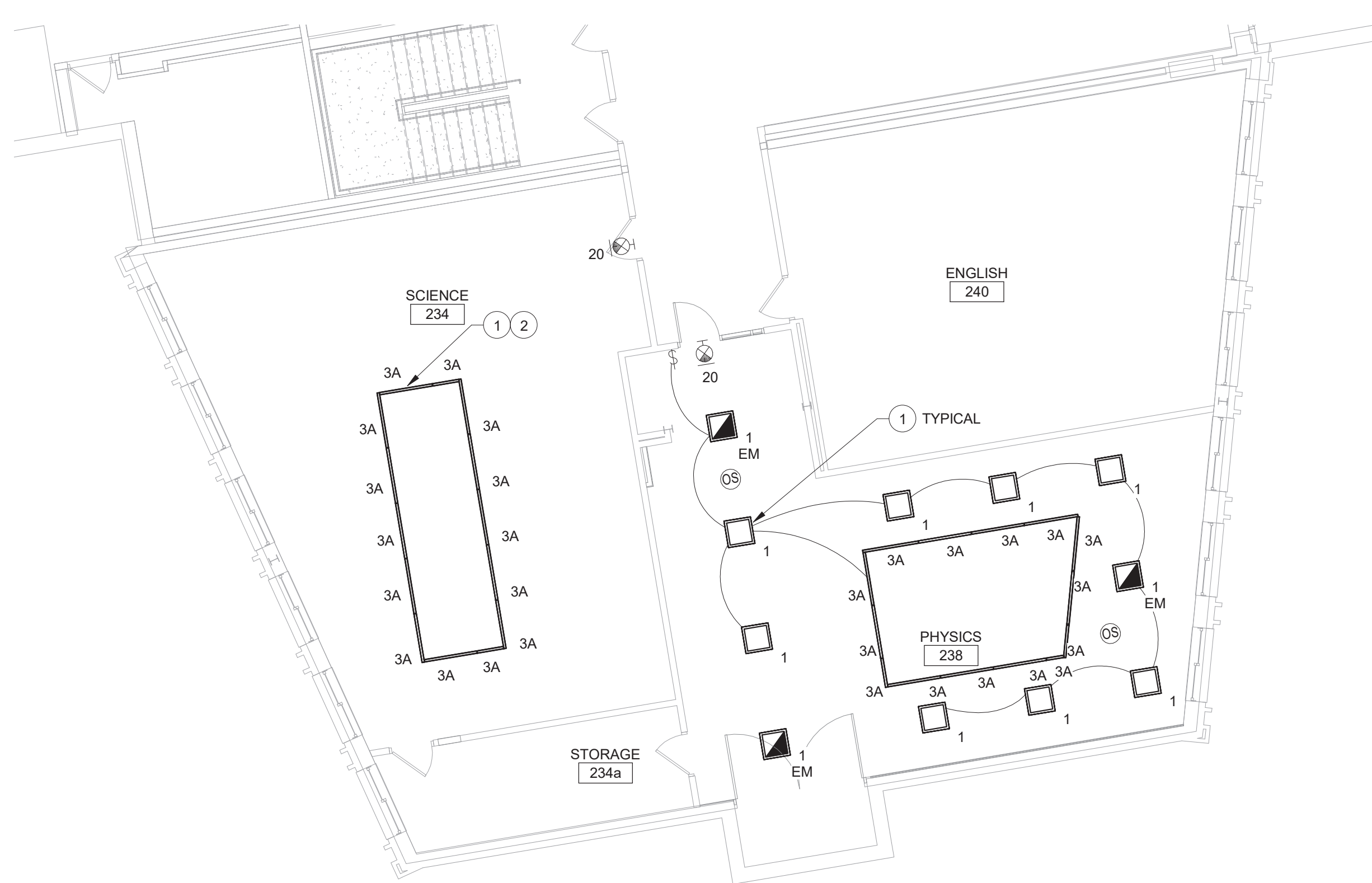




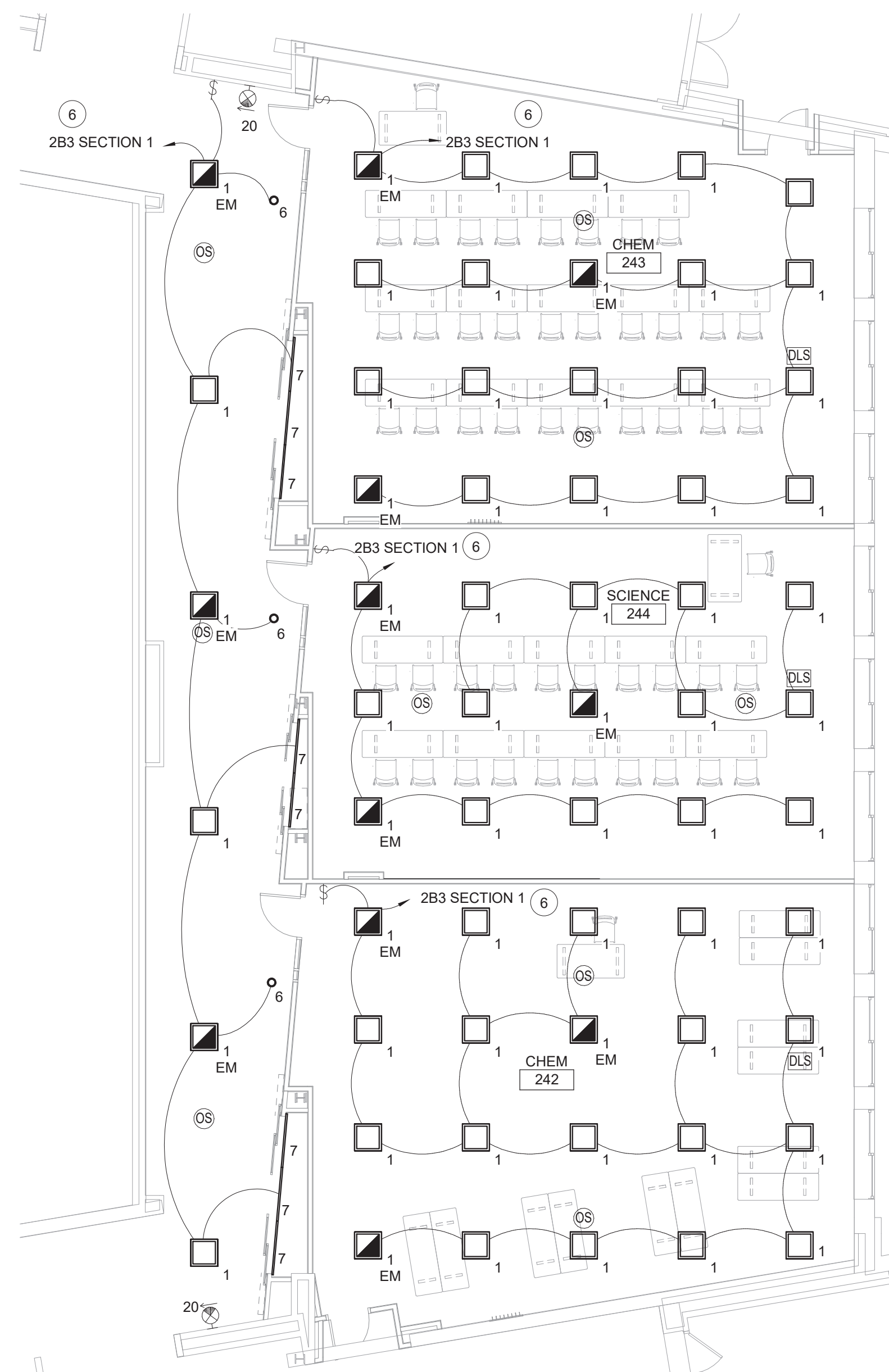
2 2nd Floor - Science Suite 2 Lighting Plan - Area D
1/8" = 1'-0"



1 2nd Floor - Science Suite 1 Lighting Plan - Area D
1/8" = 1'-0"



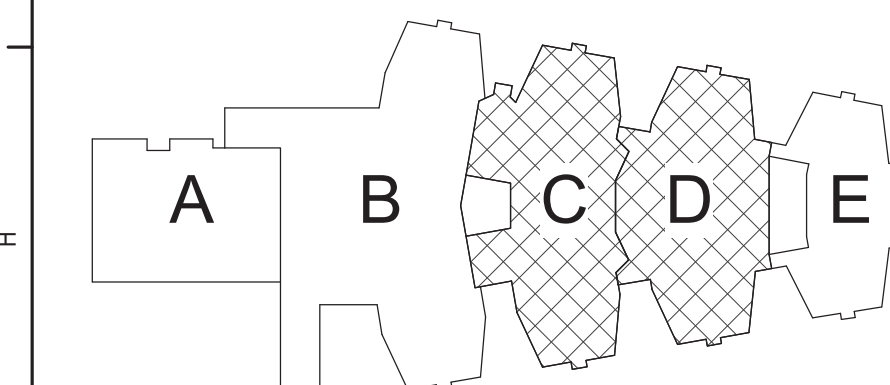
4 2nd Floor - LMC Lighting Plan - Area C
1/8" = 1'-0"



3 2nd Floor - Science Suite 3 Lighting Plan - Area D
1/8" = 1'-0"

- Keyed Notes**
- 1 PROVIDE (2) #12, (1) #12G, IN 1/2" CONDUIT AND CONNECT LUMINAIRES TO EXISTING LIGHTING CIRCUIT SERVING THE AREA.
 - 2 CONNECT LUMINAIRES TO EXISTING LIGHTING SWITCH SERVING THE AREA.
 - 3 MOUNT LUMINAIRES 10'-0" AFF FROM BOTTOM OF LUMINAIRE IN LIBRARY MEDIA CENTER.
 - 4 MOUNT LUMINAIRES 9'-0" AFF FROM BOTTOM OF LUMINAIRE IN COMPUTER/LOUNGE.
 - 5 MOUNT TYPE 10 LUMINAIRES 7'-8" AFF FROM BOTTOM OF LUMINAIRE IN LIBRARY MEDIA CENTER. REFER TO PANEL SCHEDULE FOR CIRCUIT INFORMATION. CONNECT ALL TO SAME CONTROL AS SHOWN.
 - 6 PROVIDE 20A1P BREAKER AND (2) #12, (1) #12G IN 3/4" CONDUIT, CONNECT TO PANEL AS INDICATED.

- General Notes**
- A. REFER TO DRAWING AE050 FOR GENERAL AND DEMOLITION NOTES.
 - B. CONNECT ALL LUMINAIRES AND GENERAL RECEPTACLES WITH (2) #12, #12G IN 1/2" C TO PANEL AS INDICATED.



Key Plan
N.T.S.

S.E.D. Control No. 48-01-01-06-0-004-020

Rev. No.: 1 Date: 2/26/21 Description: BID Addendum No 4



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Mahopac Central School District
Mahopac, NY

Reconstruction To:
Mahopac High School

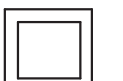
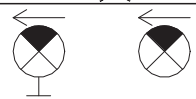
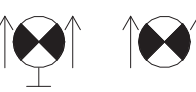
Second Floor Lighting Plan

Drawn By: CR Date: 8/21/20 Drawing Number: AE132
Project No.: 121111-19002

DRAWING RE-ISSUED BY BID ADDENDUM NO 4

PANEL NAME	AREA IN BUILDING	ROOM	MOUNTING	EXG NUM OF SPACES	REPLACEMENT NUM OF SPACES	VOLTAGE / PHASE	PANEL RATING (A)	PANEL LUG RATING	MAIN CIRCUIT BREAKER RATED (RATING)	PANEL AC	1P15	1P20	1P20 9FCI	1P30	1P50	2P15	2P20	2P30	2P50	2P60	2P100	3P15	3P20	3P30	3P40	3P50	3P60	3P70	3P80	3P90	3P100	3P150	3P175	3P200	3P225	3P250	3P300	3P350	3P400	3P3000	NOTES	
OL	Basement	Custodial Storage 019	Surface	24	24	120/208/3P	100A	100A	-	10K		22																														
EX	Basement	Custodial Storage 019	Surface	12	12	120/208/3P	100A	100A	-	10K	7	2											1																			
GB1	Basement	Teacher's Work Rm030	Surface	42	42	120/208/3P	225A	225A	-	10K	1	25												3				1														
KP SECTION 1	Basement	Kitchen 007	Recessed	36	42	120/208/3P	400A	400A	-	10K	3	5							2	2			2	1	2				1													
KP SECTION 2	Basement	Kitchen 007	Recessed	42	42	120/208/3P	400A	400A	-	10K	9	18						1					1	1		2																
SH1 SECTION 1	Basement	Tech Room 024	Surface	7	7	120/208/3P	225A	-	225A	10K	6																						1									
SH1 SECTION 2	Basement	Tech Room 024	Surface	24	24	120/208/3P	225A	225A	-	10K													8																			
SH1 SECTION 3	Basement	Tech Room 024	Surface	42	42	120/208/3P	225A	225A	-	10K	9	9					1		1				3		1		1															
SH2 SECTION 1	Basement	Serving	Recessed	7	7	120/208/3P	250A	-	250A	10K	6																							1								
SH2 SECTION 2	Basement	Serving	Recessed	12	42	120/208/3P	400A	400A	-	10K	2												2				1															
SH2 SECTION 3	Basement	Serving	Recessed	42	42	120/208/3P	400A	400A	-	10K	1	17	8	4			2	2					3	1			1															
SH3 SECTION 1	Basement	Cafeteria	Recessed	7	7	120/208/3P	225A	-	225A	10K	6																							1								
SH3 SECTION 2	Basement	Cafeteria	Recessed	9	9	120/208/3P	225A	225A	-	10K		8																														
SDP	Basement	Meter Room 131	Floor	1	1	120/208/3P	3000A	-	2500A	10K															1														1			
GBB	Basement	Custodial Storage 019	Surface	15	15	120/208/3P	200A	200A	-	10K								1							2							1										
BP	TBD	TBD	Surface	30	30	120/208/3P	100A	100A	60A	10K																																
MDP1	Basement	Meter Room 131	Floor	Switchboard	Switchboard	120/208/3P	3000A	-	2500A	65K																	3															
MDP2	1st Floor	Storage 186	Floor	Switchboard	Switchboard	120/208/3P	800A	800A	800A	10K																	4						8						4			
AP	1st Floor	Gym Storage 117	Surface	36	36	120/208/3P	225A	225A	-	10K								6							8			4					6						5			
1A1	1st Floor	Janitor Closet 129	Recessed	42	42	120/208/3P	225A	225A	-	10K		39										1																				
1A2	1st Floor	Corridor 131	Recessed	30	30	120/208/3P	225A	225A	-	10K		14					1		1																							
1A3	1st Floor	Outside 120 Janitor CL	Recessed	36	36	120/208/3P	225A	225A	-	10K		36																														
1A4	1st Floor	Gym Storage 116	Surface	18	18	120/208/3P	100A	100A	-	10K		17																														
1B1	1st Floor	Stairway across 186 Rm	Recessed	42	42	120/208/3P	400A	400A	-	10K		36																														
1B2	1st Floor	Corridor across 184 Rm	Recessed	42	42	120/208/3P	400A	400A	-	10K		39												1			1															
1B3	1st Floor	Corridor outside 189 Rm	Recessed	42	54	120/208/3P	400A	400A	-	10K	36		2					2	2			1	2																			
1B4	1st Floor	Corridor outside 199 Rm	Recessed	42	54	120/208/3P	225A	225A	-	10K	45						1						1																			
5P	1st Floor	Corridor 131	Recessed	42	42	120/208/3P	400A	400A	-	10K	34						2						1																			
2A1 SECTION 1	2nd Floor	Corridor outside 218 Rm	Recessed	24	24	120/208/3P	225A	225A	-	10K	14		4											2																		
2A1 SECTION 2	2nd Floor	Corridor outside 218 Rm	Recessed	24	24	120/208/3P	225A	225A	-	10K	24																															
2A2	2nd Floor	Corridor across 201 Rm	Recessed	42	42	120/208/3P	225A	225A	-	10K	1	37		1										1																		
2B1	2nd Floor	Corridor outside 242 Rm	Recessed	36	36	120/208/3P	400A	400A	-	10K	33																															
2B2	2nd Floor	Corridor outside 268 Rm	Recessed	30	30	120/208/3P	400A	400A	-	10K	22																															
2B3 SECTION 1	2nd Floor	Corridor outside 253 Rm	Recessed	30	42	120/208/3P	200A	-	200A	10K	38		2					1					2																			
2B3 SECTION 2	2nd Floor	Corridor outside 253 Rm	Recessed	30	42	120/208/3P	200A	-	200A	10K	36																															
2B4	2nd Floor	Corridor outside 260 Rm	Recessed	42	42	120/208/3P	225A	225A	-	10K	31		2												2																	
LPSC1	2nd Floor	Chemistry 263	Surface	24	24	120/208/3P	60A	60A	-	10K	22						1																									
LPSC2	2nd Floor	Storage 247	Surface	18	24	120/208/3P	100A	100A	-	10K	23																															
																										</																

1 Panel Replacement Schedule

LUMINAIRE SCHEDULE								* MANUFACTURER AND MODEL NUMBER ARE PROVIDED TO SHOW BASIS OF DESIGN ONLY.
***ALL LUMINAIRES ARE 120V								
ITEM	SYMBOL	ITEM	LAMPS			MANUFACTURERS (OR EQUAL)*		NOTE
			LUMENS	WATTAGE	TYPE	NAME	MODEL OR SERIES	
1		2' X 2' RECESSED TROFFER	4500	42	LED	SIGNIFY	2FXP-45L-835-2-DS-UNV-DIM	
1EM		2' X 2' RECESSED TROFFER WITH INTEGRAL BATTERY BACKUP	4500	42	LED	SIGNIFY	2FXP-45L-835-2-DS-UNV-DIM-EMLED	
2		2.25' APERTURE WITH 12" BAFFLE ACOUSTIC SUSPENDED LINEAR	1655	4.6	LED	FINELITE	HP-2-B-P-D-4'-835-F-SC-FC-10%-C4-FE	
2EM		2.25' APERTURE WITH 12" BAFFLE ACOUSTIC SUSPENDED LINEAR AND INTEGRAL BATTERY BACKUP	1655	4.6	LED	FINELITE	HP-2-B-P-D-4'-835-F-SC-FC-10%-C4-FE-BSL310LP	
3		2.25' X 4' APERTURE REGRESSED 1" DIFFUSER SURFACE MOUNT LINEAR	1486	4.6	LED	FINELITE	HP-2-SM-D-4-B-835-RG-D-120-SC-FC-10%-C4-FE	
3EM		2.25' X 4' APERTURE 1" REGRESSED DIFFUSER SURFACE MOUNT LINEAR WITH INTEGRAL BATTERY BACKUP	1486	4.6	LED	FINELITE	HP-2-SM-D-4-B-835-RG-D-120-SC-FC-10%-C4-FE-BSL310LP	
3A		2.25' X 4' APERTURE SURFACE 1" DIFFUSER RECESSED LINEAR	1486	4.6	LED	FINELITE	HP-2-SM-D-2-B-835-RG-D-120-SC-FC-10%-C4-FE	REFER TO PLANS FOR LENGTH AND CORNERS
4		2.25' X 4' APERTURE WITH SUSPENDED LINEAR	1486	4.6	LED	FINELITE	HP-2-B-P-D-4'-835-F-SCFC-10%-C4-FE	
4EM		2.25' X 4' APERTURE WITH SUSPENDED LINEAR WITH INTEGRAL BATTERY BACKUP	1486	4.6	LED	FINELITE	HP-2-B-P-D-4'-835-F-SCFC-10%-C4-FE-BSL310LP	
5		3.5" DIAMETER 12" CYLINDER PENDANT	950	18	LED	INTENSE LIGHTING	MXPRO-TW2-2-D10V1-WF-FR	
6		4" DIAMETER RECESSED DOWNLIGHT	1000	20	LED	INTENSE LIGHTING	4-R-N-Z4RDL-10-835-W-O-CD-Z10-U	
7		30" X 1.14" DISPLAY TASK LINEAR LIGHT	418lm/ft	4.1	LED	VODE LIGHTING	707-Z1-SL	REFER TO PLANS FOR LENGTH
8		2.25"X 4' RECESSED LINEAR	1692	4.6	LED	FINELITE	HP-2-R-D-4'-B-835-F-SC-FC-10%-C4-FE	
8EM		2.25"X 4' RECESSED LINEAR WITH INTEGRAL BATTERY BACKUP	1692	4.6	LED	FINELITE	HP-2-R-D-4'-B-835-F-SC-FC-10%-C4-FE-BSL310LP	
9		4" DIAMETER RECESSED SHOWER DOWNLIGHT	1000	11	LED	SIGNIFY (LIGHTOLIER)	4-R-N-Z4RDL-10-835-W-O-CD-Z10-U	
9EM		4" DIAMETER RECESSED SHOWER DOWNLIGHT WITH INTEGRAL BATTERY BACKUP	1000	11	LED	SIGNIFY (LIGHTOLIER)	4-R-N-Z4RDL-10-835-W-O-CD-Z10-U-EM	
10		48" X 46" X 38" CABLE MOUNTED ALUMINIUM/GLASS CHANDELIER		750	LED	NEMO LIGHTING	CRO HOW 52	
20		EXIT SIGN (SINGLE FACE)		2.5	LED	SIGNIFY (CHLORIDE)	ER46L-1-W-R	SEE PLANS FOR DIRECTIONAL INDICATORS
21		EXIT SIGN (DOUBLE FACE)		2.5	LED	SIGNIFY (CHLORIDE)	ER46L-2-W-R	SEE PLANS FOR DIRECTIONAL INDICATORS
30		BATTERY PACK EMERGENCY LIGHT		.027	LED	SIGNIFY	CLUN-W	

General Notes

A. REFER TO DRAWING AE050 FOR GENERAL AND DEMOLITION NOTES.

S.E.D. Control No. 48-01-01-06-0-004-02

2	2/26/21	BID Addendum No 4
1	02/11/2021	BID Addendum No 1
Rev. No.:	Date:	Description:



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Tetra Tech Engineers, Architects
& Landscape Architects, P.C.

BID SET



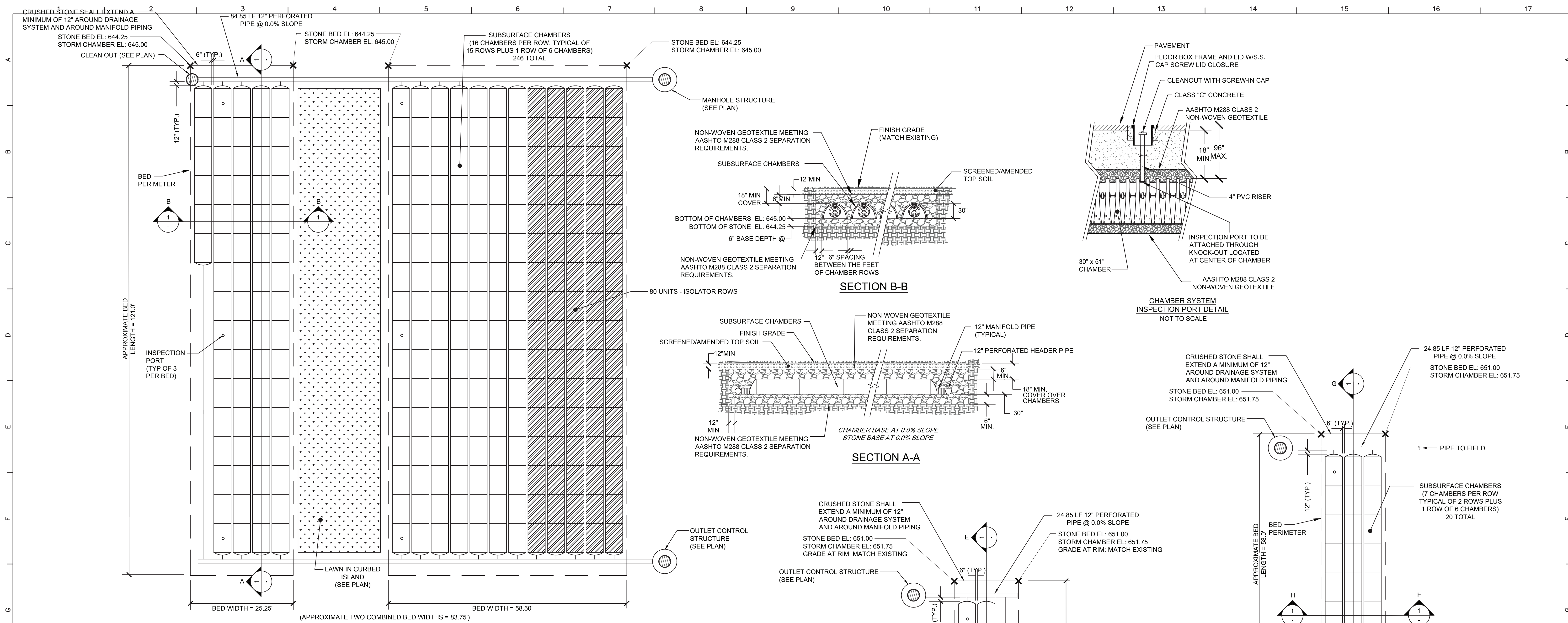
TETRA TECH
ARCHITECTS & ENGINEERS

Mahopac Central School District
Mahopac, NY

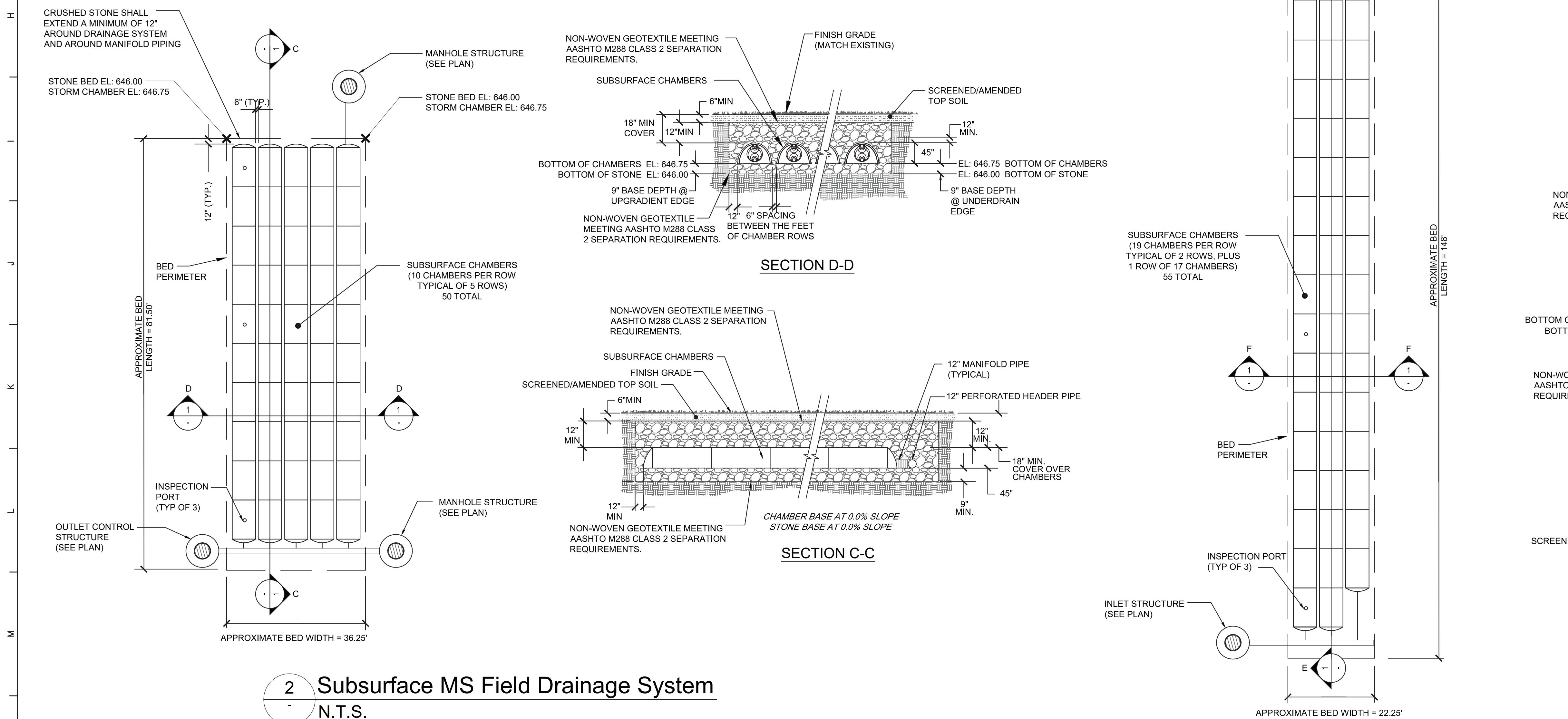
Reconstruction To:
Mahopac High School

Schedules

Drawn By: CR	Date: 8/21/20	Drawing Number:
Project No.: 121111-19002		AE600



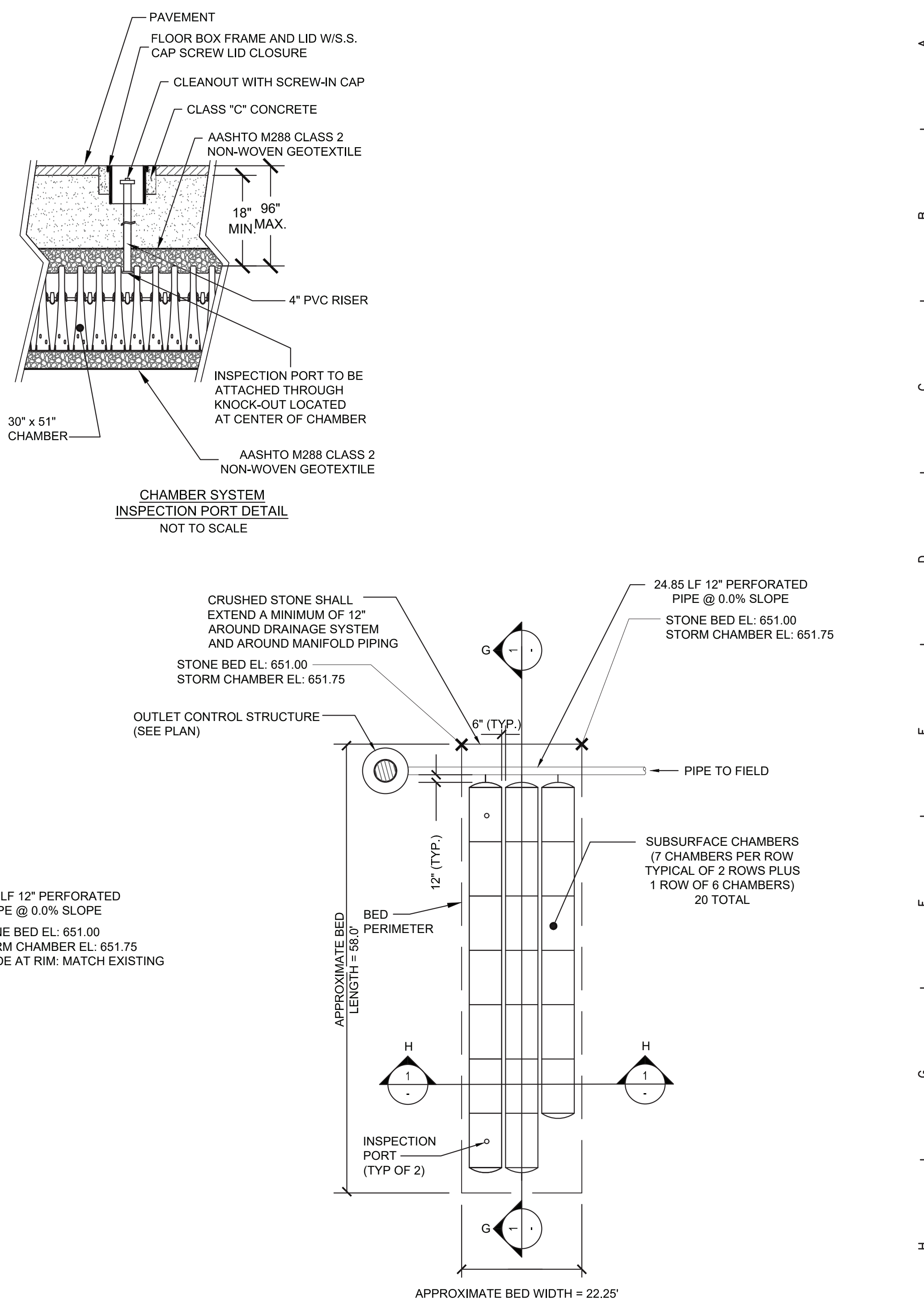
1 Subsurface MS Parking Lot Drainage System
N.T.S.



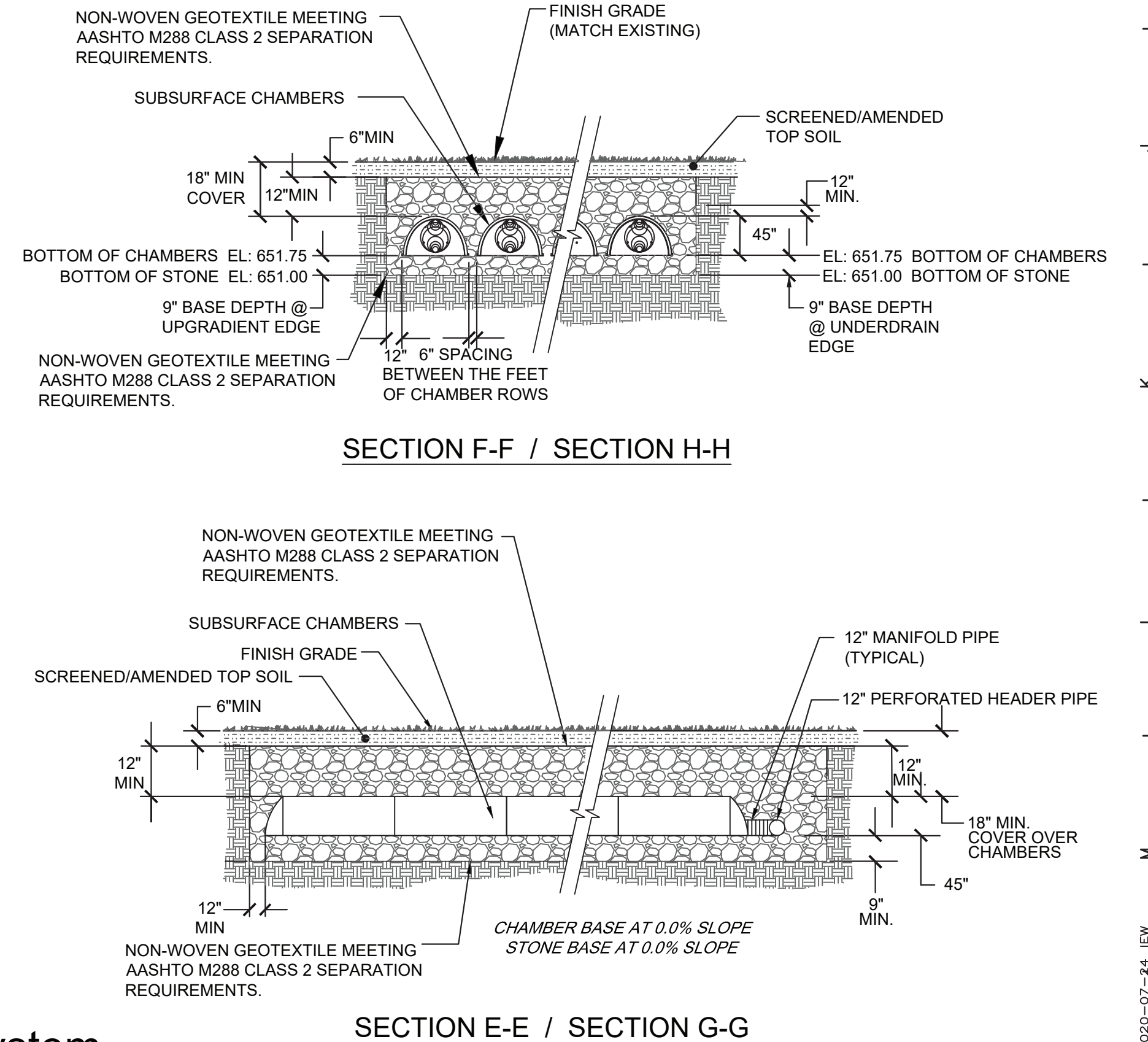
2 Subsurface MS Field Drainage System
N.T.S.

1 Subsurface Drainage System
N.T.S.

4 Subsurface HS Eastern Drainage System
N.T.S.



3 Subsurface HS Western Drainage System
N.T.S.



SECTION E-E / SECTION G-G

S.E.D. Control No. 48-01-01-06-0-003-008
S.E.D. Control No. 48-01-01-06-7-026-001
S.E.D. Control No. 48-01-01-06-0-006-013
S.E.D. Control No. 48-01-01-06-0-004-020

1	03/01/2021	ISSUED PER ADDENDUM #4
Rev. No.:	Date:	Description:



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Tetra Tech Engineers, Architects
& Landscape Architects, P.C.

TETRA TECH
ARCHITECTS & ENGINEERS

Mahopac Central School District
Mahopac, NY

Reconstruction To:
Mahopac Campus
(High School / Middle School)

Site Details

Drawn by: JRS	Date: 06/21/20	Drawing No.:
T* Project No.:	ZC505	
121111-19002		