STATE UNIVERSITY OF NEW YORK PURCHASE COLLEGE

	LIST of
	T0.01
	G0.01 G0.02
	CS1.01 CS2.01 CS3.01 CS3.02 CS3.51 CS3.52 CS4.01 CS4.02 CS4.03 CS4.51 CS4.52 CS4.53 CS6.01
	CS6.02 E2.01 E2.02 E2.03

735 ANDERSON HILL ROAD PURCHASE, NEW YORK 10577-1402

MULTI-PURPOSE SYNTHETIC TURF FACILITY SU-092823 - GENERAL CONSTRUCTION SU-092923 - ELECTRICAL CONSTRUCTION

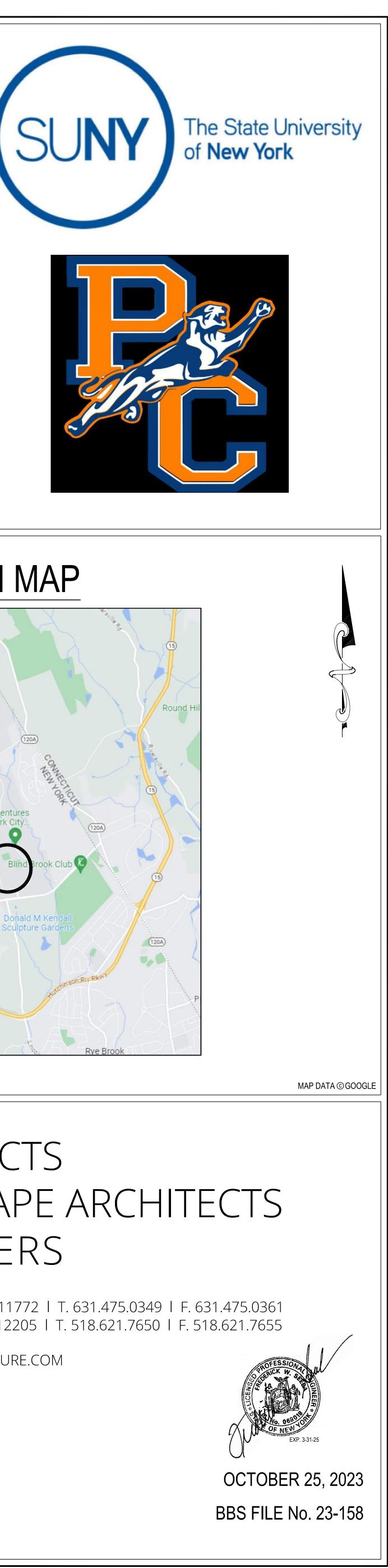
of DRAWINGS

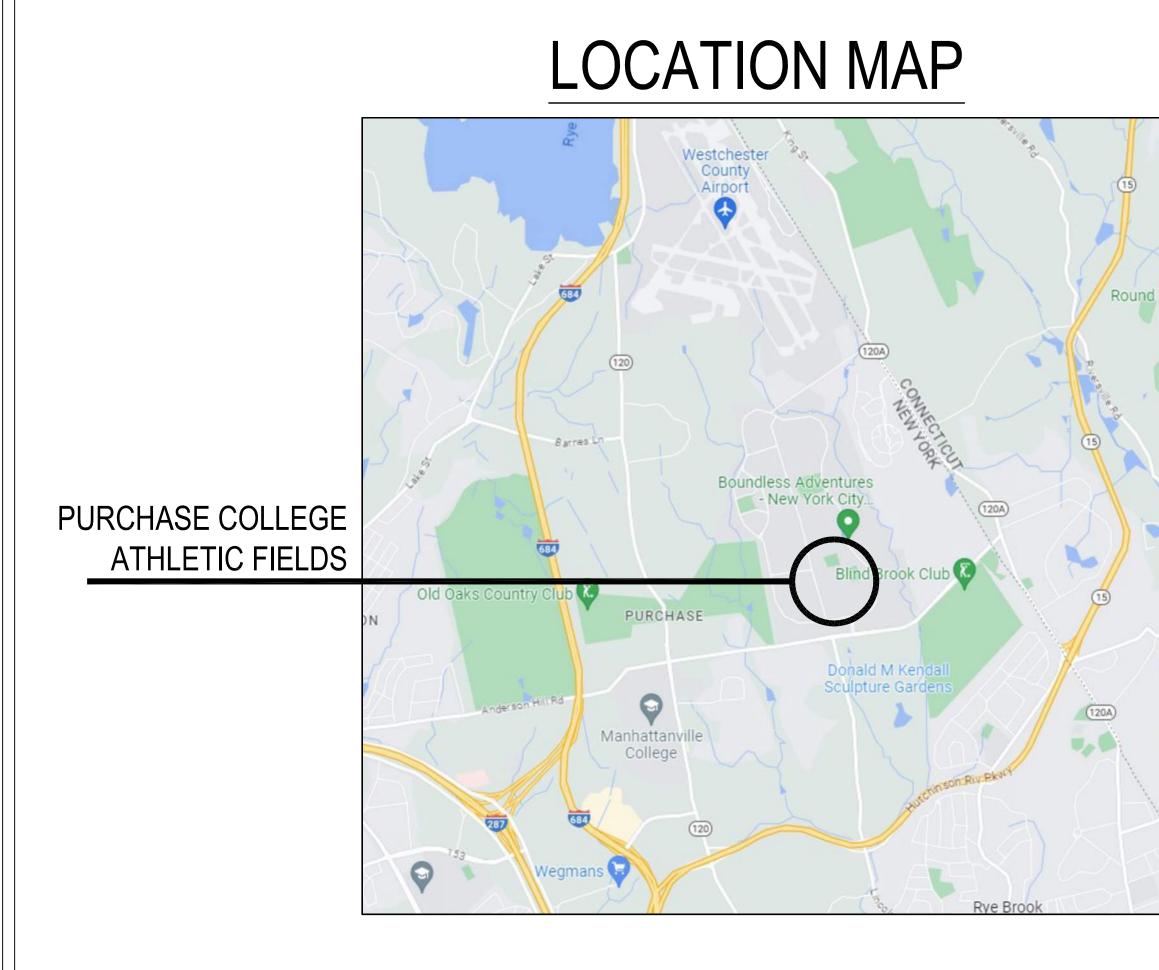
COVER SHEET

TOPOGRAPHIC SURVEY PLAN SUBSURFACE INVESTIGATION (GEOTECHNICAL)

EXISTING CONDITIONS AND DEMOLITION PLAN ALIGNMENT AND SCHEDULE PLAN SOFTBALL FIELD ENLARGEMENT PLAN FIELD ENLARGEMENT PLANS BLEACHER PLANS AND DETAILS PRESS BOX PLANS AND DETAILS GRADING AND DRAINAGE PLAN RECORD DRAWING - SUBDRAINAGE PLAN (FOR INFORMATION ONLY) RECORD DRAWING - SUBDRAINAGE DETAILS (FOR INFORMATION ONLY) SEDIMENT AND EROSION CONTROL PLAN STORMWATER PLAN STORMWATER DETAILS SITE DETAILS SITE DETAILS

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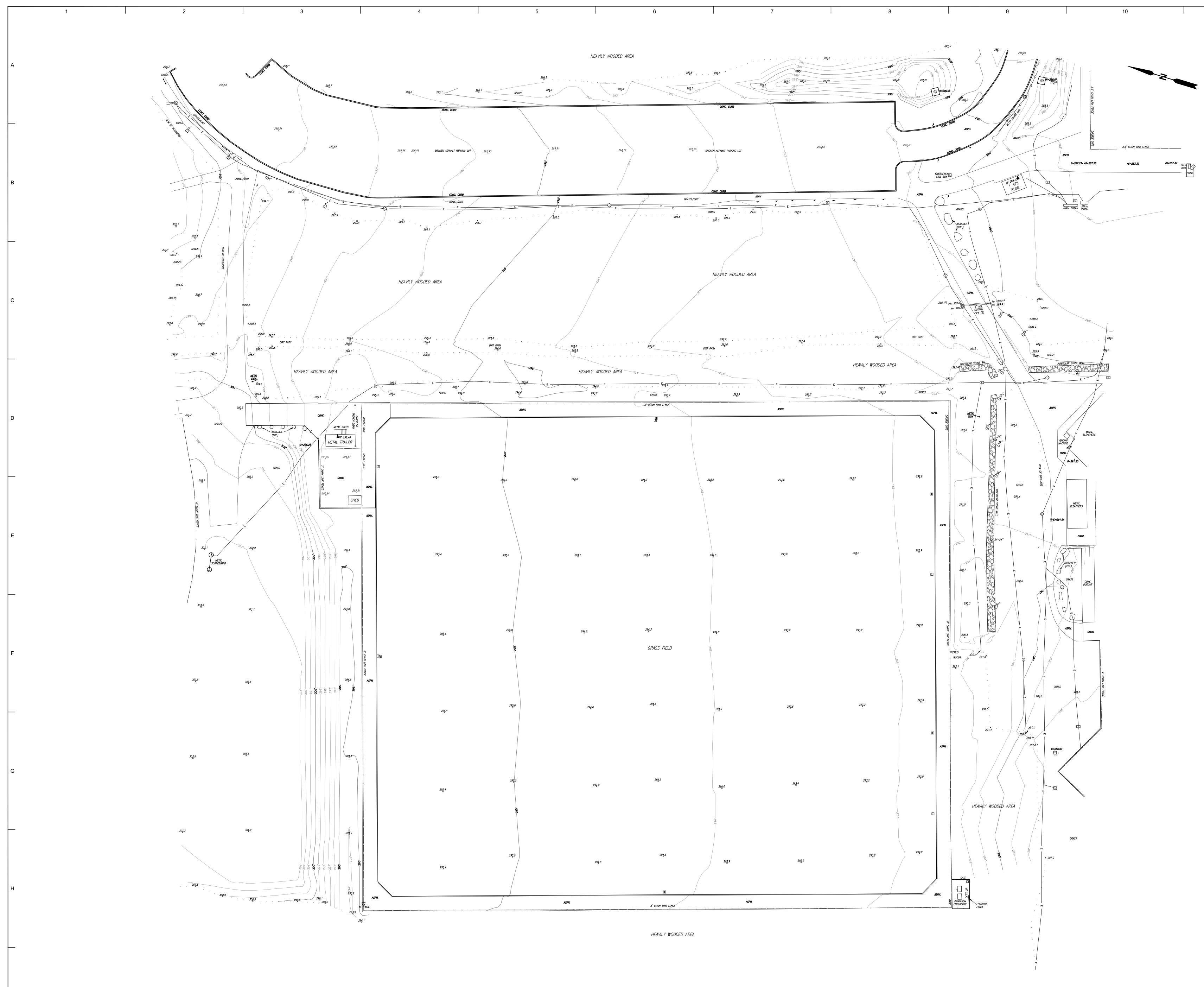




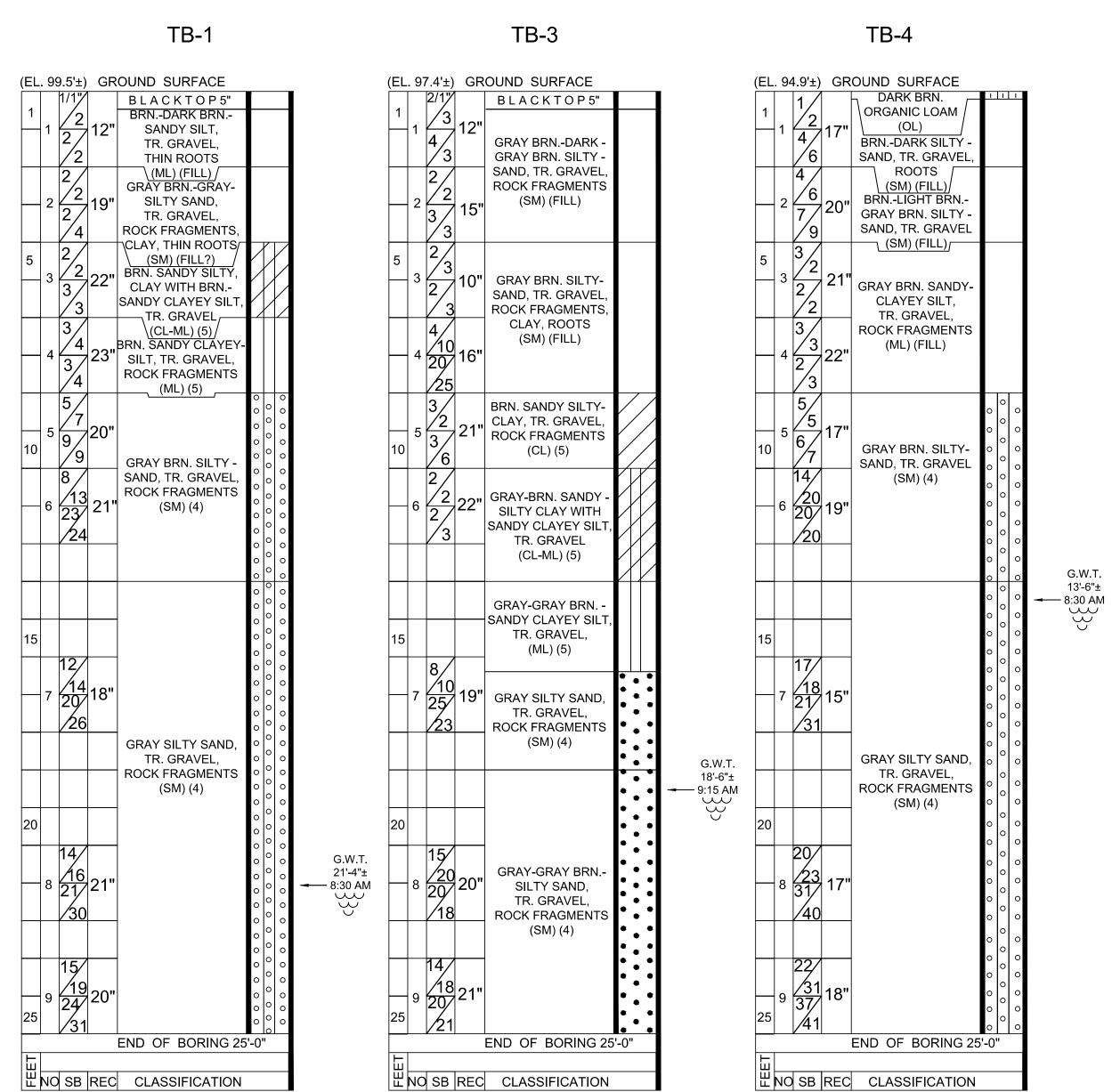
ARCHITECTS LANDSCAPE ARCHITECTS ENGINEERS

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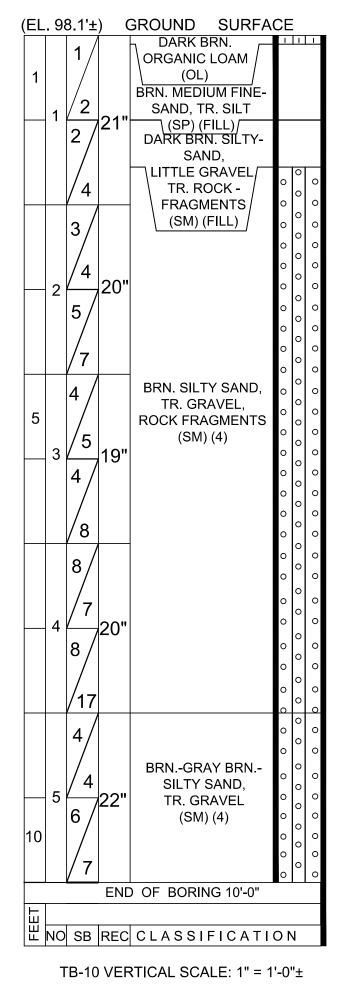
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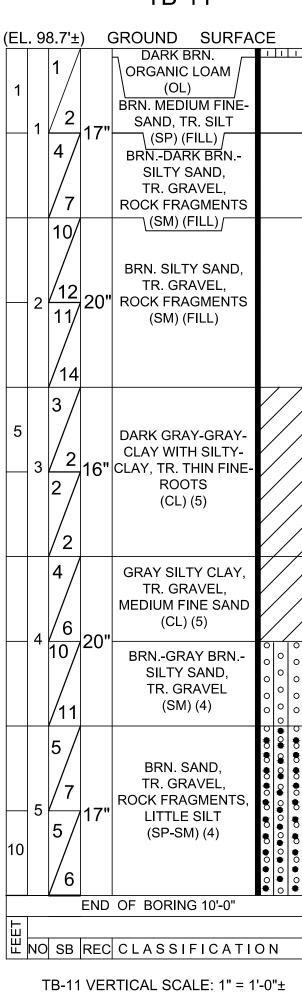
	<u>C 40 C</u>	enconti-l	
	88 Duryea Road us Gordon Dr Suite		516.579.3111 NY 14586 585.484.81
Notes: 1. The actu	property lines sł al field survey c		are based upon an Geospatial LS,
2. No eas othe	ertification is ma	ade regarding the l, covenants and i s to title other thar	existence of restrictions, or
3. The upo com	existing condition an actual on-th pleted by GdB (ns shown on this le-ground instrum Geospatial on <da otogrammetry pe</da 	ent survey TES> and
<da 4. The this</da 	TE>. locations of exis plan are based of	ting underground	utilities shown on ons and information be exactly located
stru 5. Hor Epo	ctures are shown zontal datum is l ch 2010.00 (New	n on this plan. North American D v York State Plan	
are 6. Ver	n U.S. Survey F ical datum is No		ical Datum 1988.
Edu the not indi	cation Law. Cop and surveyor's i be considered va ated herein sha	nked seal or emb alid true copies. (Il run only to the p	map not bearing ossed seal shall Certifications
con Cer	pany, governme	ntal agency and I t transferable to a	ending institution.
	STINE GAYRO		DATE
N.Y.	STINE GAYRO S. L.S. No. 0507 rron@GdBGeos	60	DATE
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N.Y.: CGa	S. L.S. No. 0507 rron@GdBGeos	60 patial.com	
N.Y.: CGa	S. L.S. No. 0507 rron@GdBGeos	60 patial.com	
N.Y.: CGa No. SCAI	S. L.S. No. 0507 rron@GdBGeos F E: 1" = 20' 10' 20' <u>M</u>	60 patial.com Revisions	Date
N.Y.: CGa No. SCAI SCAI O DATE: PROJI	S. L.S. No. 0507 rron@GdBGeos F E: 1" = 20' 10' 20' M ECT NO.: ## 13	60 patial.com Revisions Revisions 4 FEET M/DD/YYYY #### 107 - SUNY PUR FHLETIC FIELD F	Date
N.Y.: CGa No. SCAI O DATE: FILE N	E: 1" = 20' 10' 20' <u>M</u> ECT NO.: <u>##</u> AME: <u>A</u>	60 patial.com Revisions Revisions A FEET 4 M/DD/YYYY #### 107 - SUNY PUR FHLETIC FIELD F J.	Date
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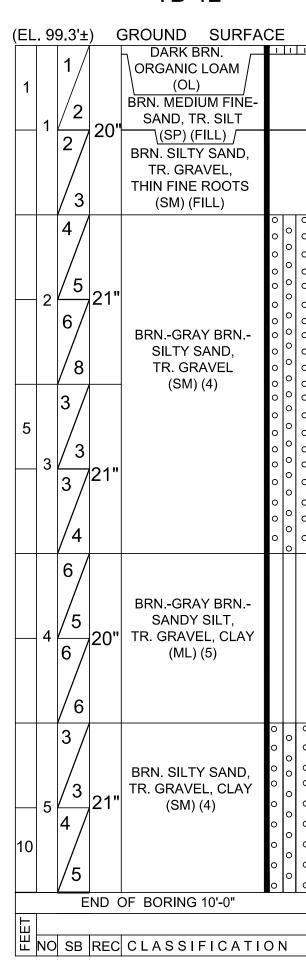


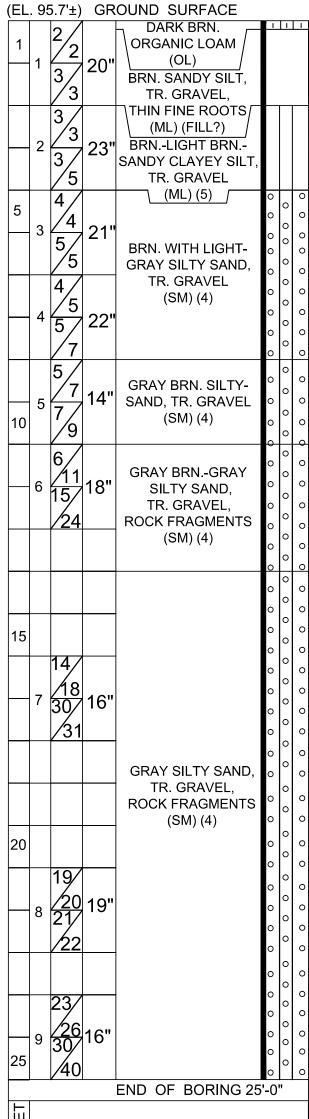






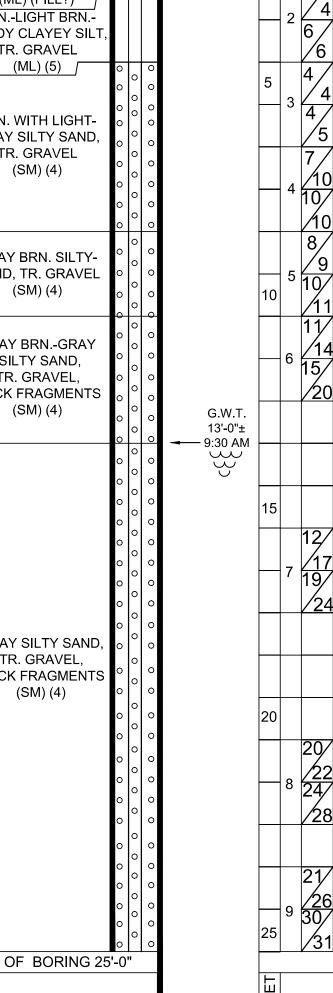


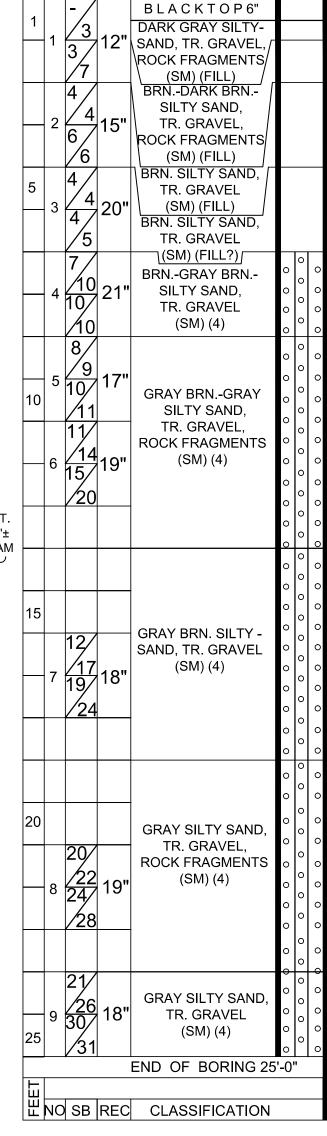




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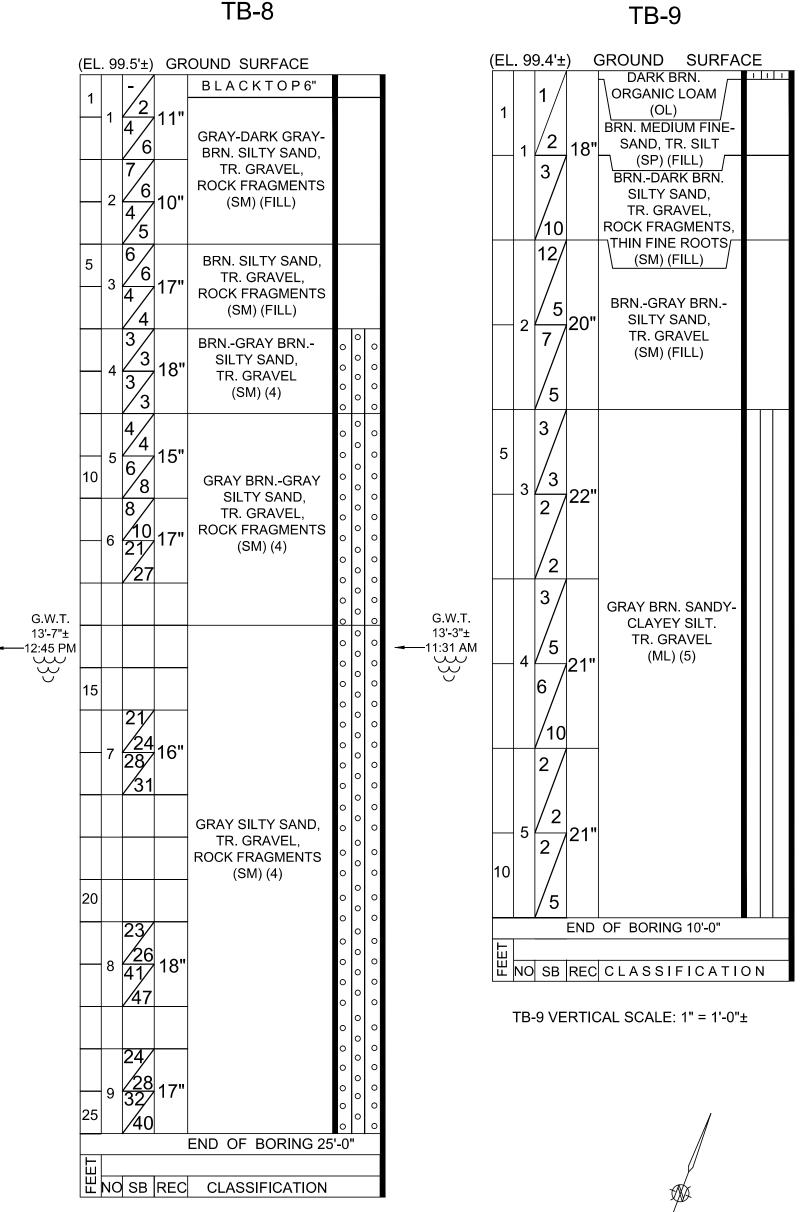
TB-5



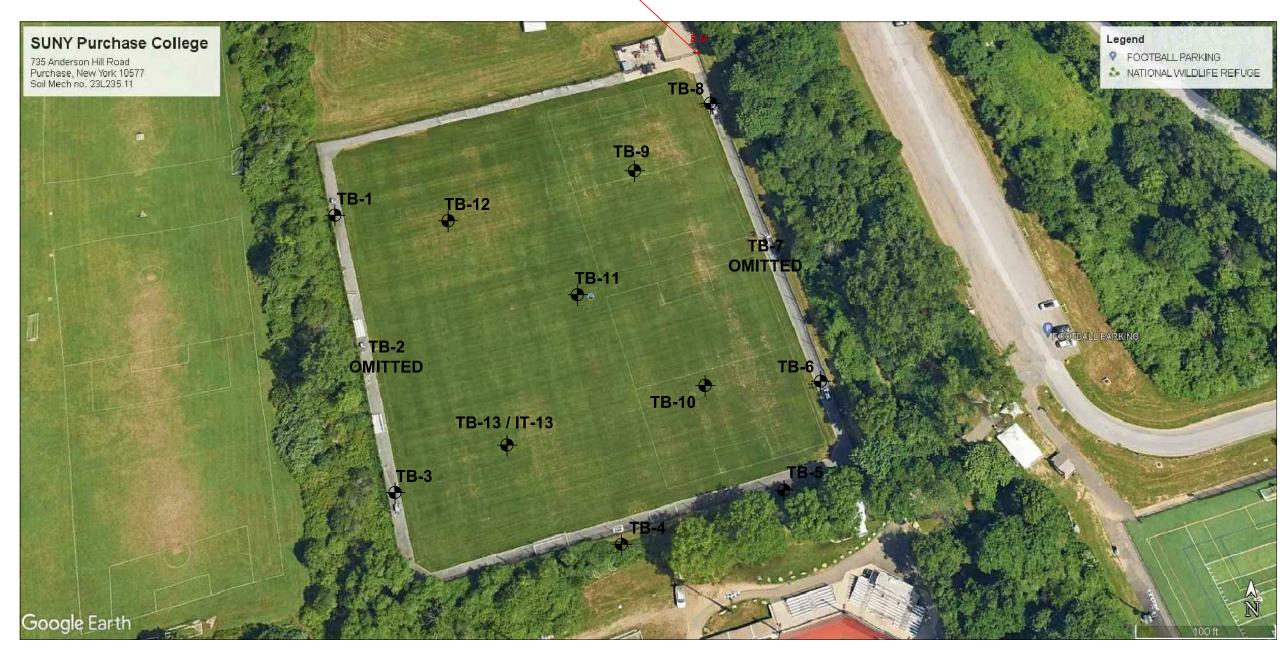


TB-6

(EL. 97.6'±) GROUND SURFACE



FENCE CORNER NOTED AS B.M. AT ASSUMED EL. 100.00'.



NOTES

- 2. SOIL DESCRIPTIONS ARE IN ACCORD WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM.
- 3. GROUND WATER WHERE ENCOUNTERED WAS MEASURED INSIDE THE DRILL CASING AT THE COMPLETION OF EACH BOREHOLE.
- 4. SOIL STRATIFICATIONS ARE ACCURATE TO WITHIN TWO FEET VERTICALLY.

- 7. SOIL TEST BORINGS DRILLED IN ACCORD WITH THE NEW YORK STATE BUILDING CODE.

TB-12

DARK BRN DRGANIC LOAM /	<u> </u>	1	1
(OL) / RN. MEDIUM FINE- SAND, TR. SILT			
∖(SP) (FILL) / RN. SILTY SAND, TR. GRAVEL, HIN FINE ROOTS (SM) (FILL)			
BRNGRAY BRN SILTY SAND, TR. GRAVEL (SM) (4)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
BRNGRAY BRN SANDY SILT, R. GRAVEL, CLAY (ML) (5)			
RN. SILTY SAND, R. GRAVEL, CLAY (SM) (4)		0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0
BORING 10'-0"			
LASSIFICATIO		V	

TB-12 VERTICAL SCALE: 1" = 1'-0"±

TB-13/IT-13

문 NO SB REC CLASSIFICATION

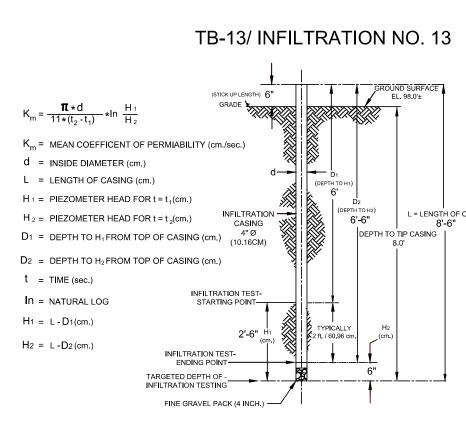
$\begin{array}{c} 4 \\ 6 \\ 2 \\ 5 \\ 5 \\ \end{array}$	19" 17"	DARK BRN. ORGANIC LOAM (OL) BRN. MEDIUM FINE- SAND, TR. SILT (SP) (FILL) DARK BRN. SILTY- SAND,		1	1
2 <u>5</u> 5	17"	DARK BRN. SILTY-			
8		LITTLE GRAVEL (SM) (FILL) DARK GRAY BRN			
$ \begin{array}{c} 5\\ 3\\ 3\\ 4 \end{array} $	20"	SILTY SAND, TR. GRAVEL, ROCK FRAGMENTS (SM) (FILL)			_
$\begin{array}{c} 2 \\ 4 \\ 3 \\ 6 \end{array}$	21"	GRAY BRN. FINE SANDY SILT, TR. CLAY WITH - SILTY CLAY, TR. FINE SAND			
2 2 2 10 5 2 4	22"	(ML-CL) (5) GRAY BRN. SILTY- SAND, TR. GRAVEL, ROCK FRAGMENTS, CLAY	0 0 0 0	0 0 0	0 0 0
6 2/2 3 7	20"	(SM) (4) BRNGRAY BRN SANDY SILT, TR. GRAVEL, CLAY, ROCK FRAGMENTS (ML) (5)			
15 15 7 11 7 14 17 20	19"	GRAY BRN. SILTY SAND, TR. GRAVEL, ROCK FRAGMENTS (SM) (4)		0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0
8 14 20 8 20 20 22	20"	GRAY SILTY SAND, TR. GRAVEL, ROCK FRAGMENTS (SM) (4)		00000	
	E REC	ND OF BORING 20'- CLASSIFICATION	0"		



1. SOIL DESCRIPTIONS ARE BY VISUAL EXAMINATION OF SOIL SAMPLES RECOVERED DURING DRILLING OPERATIONS.

5. SOIL SAMPLES FOR ALL BORINGS WERE OBTAINED USING A STANDARD 2" O.D. SPLIT SPOON SAMPLER ADVANCED INTO THE SOIL FORMATION VIA -THE USE OF A CENTRAL MINE EQUIPMENT (CME) STANDARD PENETRATION AUTO TRIP HAMMER (140 lb. HAMMER AND 30 INCH DROP.

6. SOIL TEST BORING GROUND SURFACE ELEVATIONS SHOWN ARE REFERENCED TO FENCE LINE CORNER SHOWN AT ASSUMED B.M. EL. 100.00'.



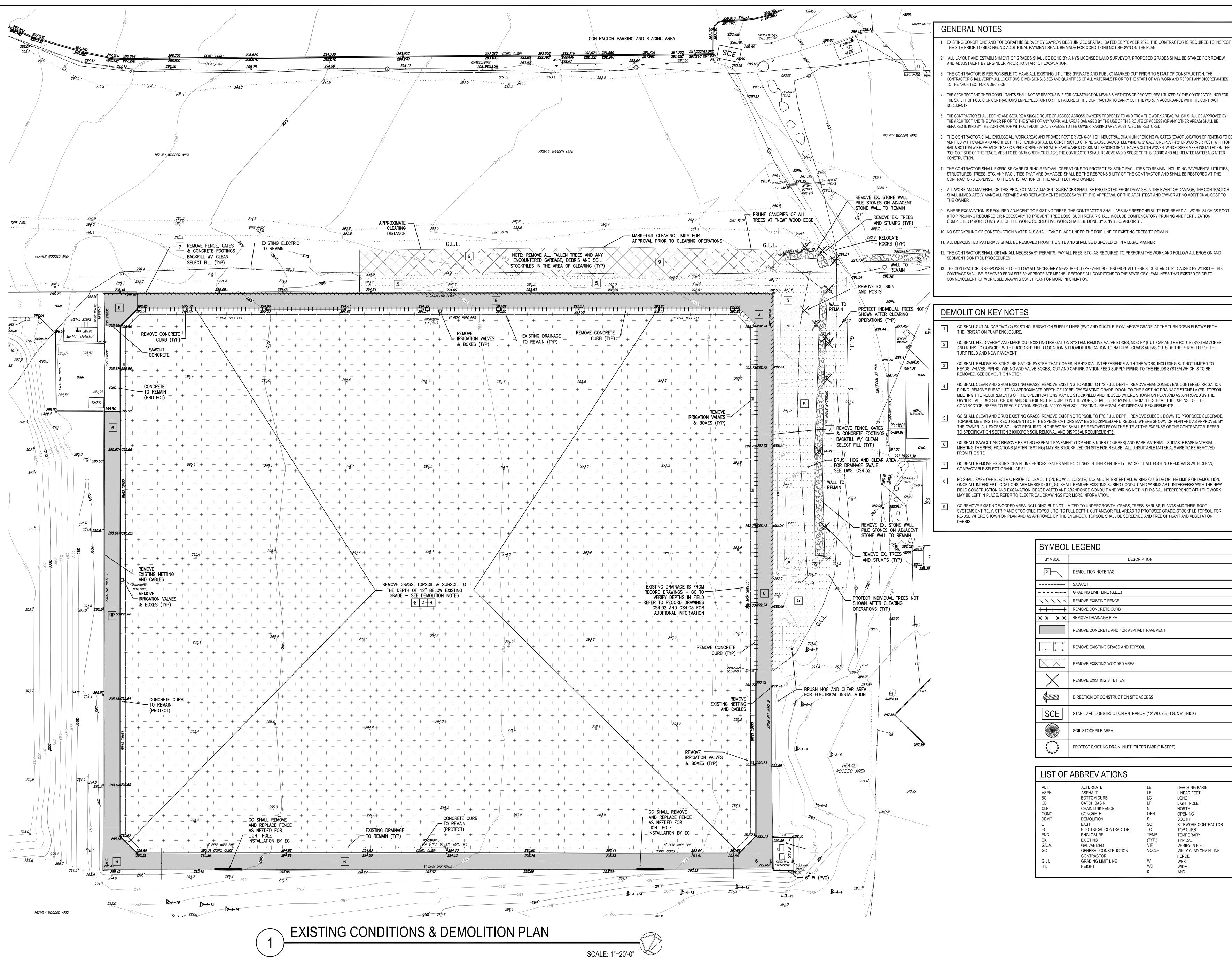
RUN No. STAR NO. 1 9:49

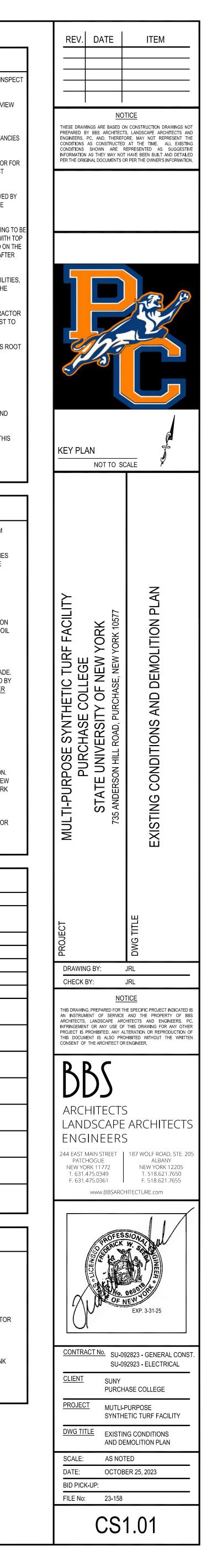
NO. 1	9:49 AM	10:49 AM	60 MINUTES				
NO. 2							
NO. 3							
NO. 4							
NO. 5							
A۱	/ERAGE ELAI	PSE: 60 MINUTE	S FOR WATER TO DRAIN 6"				
	I.D. OF CASING 4"Ø ID = 10.16 CM.						
	DEPTH TO TIP AT BOTTOM OF CASING 8'-6"						
$K_{m} = \frac{\pi \star d}{11 \star (t_{2} - t_{1})} \star \ln \frac{H_{1}}{H_{2}}$							
ALL UNIT K _m = MEA	ALL UNITS IN CM. AND SECONDS $K_m = MEAN COEFFICIENT OF PERMIABILITY (CM/SEC) = 1.80x10^{-4}$						

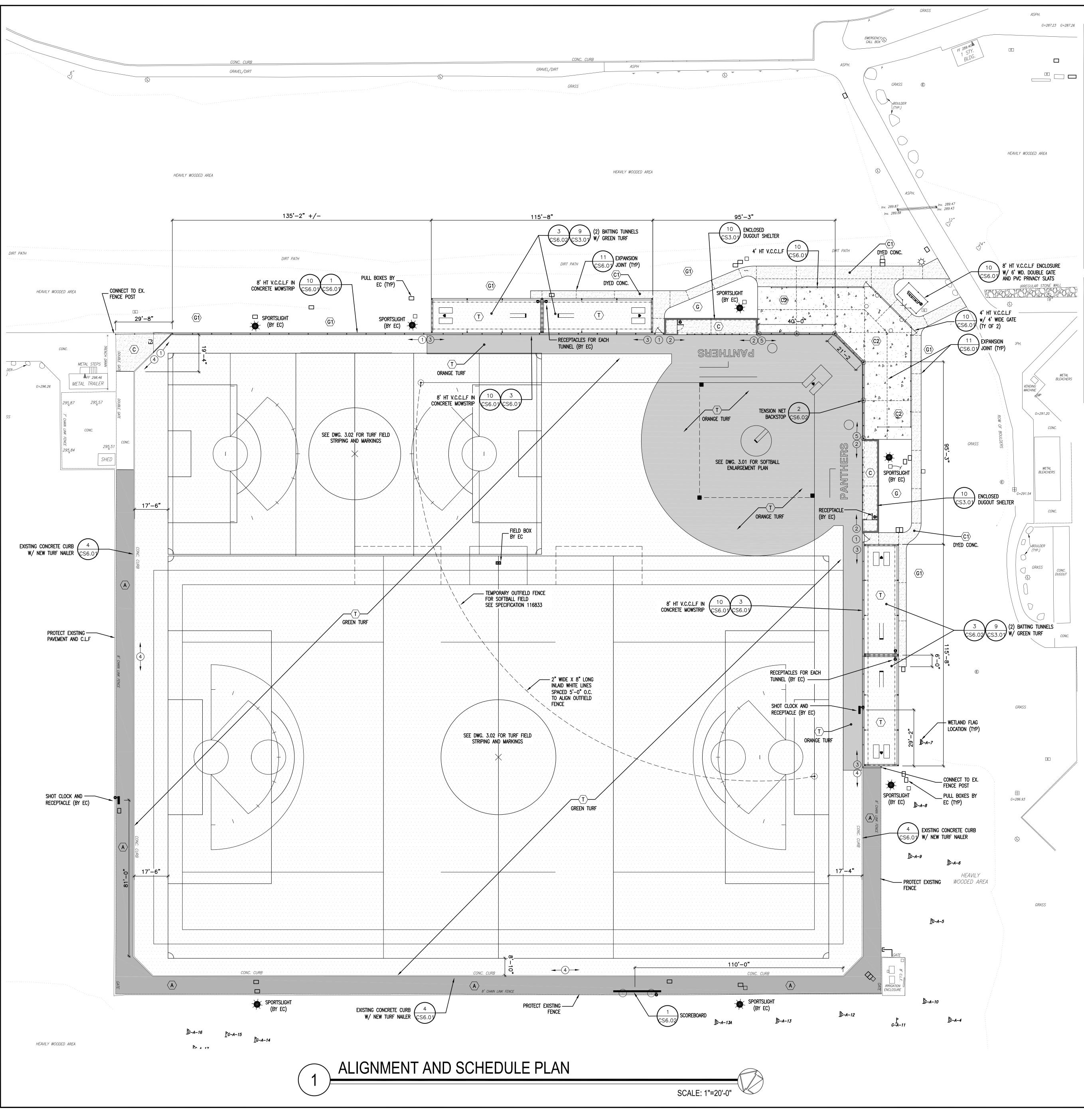
TB-13/ INFILTRATION NO. 13								
		<u> </u>		GROUND SURFACE				
$K_{m} = \frac{\pi * d}{11 * (t_{2} - t_{1})} * \ln \frac{H_{1}}{H_{2}}$		H) 6"		EL. 98.0'±				
K _m = MEAN COEFFICENT OF PEF d = INSIDE DIAMETER (cm.)	RMIABILITY (cm./sec.)							
L = LENGTH OF CASING (cm.) H 1 = PIEZOMETER HEAD FOR t =	= t₁(cm.)	d - C						
$H_2 = PIEZOMETER HEAD FOR t = D1 = DEPTH TO H_1 FROM TOP OI$	= t ₂ (cm.) INFILTR/ CASING (cm.) 4" Ø	NG 💥 🔛	(DEPTH TO 6'-6	" 8'-6' EPTH TO TIP CASING				
$D_2 = DEPTH TO H_2FROM TOP OIt = TIME (sec.)$	F CASING (cm.)			8.0'				
In = NATURAL LOG	INFILTRATION TES STARTING POIN							
$H_1 = L - D_1(cm.)$ $H_2 = L - D_2(cm.)$	2'-6	" H1 (cm.)	CALLY).96 cm.	H ₂ (cm.)				
	ENDING POINT		!	6"				
	FINE GRAVEL PACK (4 INC	н.)/		I				
JOB NO. 23-235 LO							٦	
D <u>1</u>		(.XX_mX	<u>X.X</u> c	:m.			-	
TIME (MIN. & SEC.) ART (T1) END (T2)	ELAPSED			COMMENTS				
:49 AM 10:49 AM	60 MINUTES	3					_	
							_	
AGE ELAPSE: 60 MINUTES	FOR WATER TO		CM.					
DE	PTH TO TIP AT BC		ING 8'	-6"			-	
	$K_{m} = \frac{\mathbf{\pi} \cdot \mathbf{d}}{11 \cdot (\mathbf{t}_{2} - \mathbf{t}_{2})}$							
I CM. AND SECONDS COEFFICIENT OF PERMIAB	ILITY (CM/SEC) = _	1.80x10 ⁻⁴						
	1			ASSIFIC				
SOIL GROUPS 1a Thru 1d	יד 			S <mark>AND SOIL</mark> Rock	SYMBO	LS		
GW		D GRAVELS, G	RAVE	L SAND MIXTUR		OR NO	FINES	
GP	LITTLE OR NO	FINES		RAVEL SAND M	IXTURES.			
GM GC				- SILT MIXTURE D - CLAY MIXTU	IRE			
SW				Y SANDS, LITTLI		NES		/ <u>∧</u> / 0, 0 0 0
SP	POORLY GRAI	DED SANDS OI	R GRA	VELLY SANDS,	LITTLE OR	NO FIN	ES	
SM	SILTY SANDS,							
SC ML				TURES				
	INORGANIC SI		O ME	DIUM PLASTICI				
OL	ORGANIC SILT			LTY CLAYS OF L	OW PLAST	CITY		
MH	SILTY SOILS, E	ELASTIC SILTS		R DIATOMACEC		NDY O	R	
СН ОН				TICITY, FAT CL/				
 Рt	PEAT AND OT				I, ORGANI	5 51215		
ALLOWABLE FO				URES, N.Y.S.			ABLE 1804 SLIDING	.2 .2
		(PSF) ^a	ELOW N	(PSF/F ATURAL GRADE) ^d	COEFFICIE FRICTI	NT OF	RESISTANCE (PSF) ^b	<u> </u>
1. CRYSTALLINE BEDR 2. SEDIMENTARY & FC		12,000 4,000		,200 400	0.70 0.35		-	
3. SANDY GRAVEL & OR 4. SAND, SILTY SAND, CL	AYEY SAND, SILTY		200 0.35 -		-			
GRAVEL & CLAYEY GF (SW, SP, SM, SC, GM & 5. CLAY, SANDY CLAY, S	GC)	2,000		150	0.25		-	
SILT, SILT AND SANDY AND CH)		1,500 [°]		100	-		130	
FOR SI: 1 POUND PER SQUARE FOOT = 0.0479 kPa, 1 POUND PER SQUARE FOOT = 0.157 kPa/m. a. COEFFICIENT TO BE MULTIPLIED BY THE DEAD LOAD. b. LATERAL SLIDING RESISTANCE VALUE TO BE MULTIPLIED BY THE CONTACT AREA. AS LIMITED BY SECTION 1804.3.								
c. WHERE THE CODE E CAPACITY OF LESS TH	NFORCEMENT OF AN 1,500 PSF ARE	FICAL DETERM LIKELY TO BE F	NES T	HAT IN PLACE SO	DILS WITH A	N ALLOV	VABLE BEARI	NG -
SHALL BE DETERMINED d. AN INCREASE OF ON THAT INCLUDE WIND O	IE-THIRD IS PERM	ITTED WHEN US	SING T	HE ALTERNATE I	OAD COMB	NATION	S SECTION 1	605.3.2
СОМ	PACTION RI) SF		/S PER I	=00T		
LOOSE	SAND			ç	SILT & C	_AY		
MEDIUM	16	DR LESS TO 39		SOFT MEDIU	М		0 OR LESS 11 TO 29	
DENSE		OR MORE	 RATI	HARD ON TEST			0 OR MORE HAMMER, 30"	
	SPOON BLOW				IN 6" INC	REMEN	TS FOR 2' I	
PER FOOT		BLOWS PER		T (N) USE THE			CREMENT	ON
	S	2.5	-		20110		2.0	
HAMMER WEIGHT, HAMMER FALL, IN			<u>-</u>				140 30	
CB - CASING BLC SB - SPOON BLO P - PUSHED BY	WS PER 6 INCH	DRIVE	- 0	UNDISTURBE SAMPLE NUM - DEPTH FRC	BER			CH 5'
WOR - WEIGHT C	OF ROD MECHANICS DRI	LLING CORP., I	VOH TS OF	- WEIGHT OF	HAMMER		ORS, OMISSI	ONS
OR NEGLIGENCE RESUL LIMITED TO THE AMOUN WILL CONSTITUTE AN A	TING IN PERSONA T OF THE FEE PAI ACCEPTANCE OF	L INJURIES, PR D FOR THIS REI THIS LIMITED	oper Port. Liabil	TY DAMAGE OR A THE RETENTION ITY. IF THIS IS U	NY CONSEC OR USE OF NACCEPTA	UENTIA ANY PAI BLE, TH	L DAMAGES, RT OF THIS R E CLIENT MU	IS EPORT JST
NOTIFY SOIL MECHANIC RECEIPT. THE FEE CH, SENCE OF THIS AGREEN	ARGED FOR THIS	REPORT IS BA	ASED (GHER I	ON THIS LIMITAT	ION OF LIAE ABILITY, SOI	BILITY W L MECH	/HICH IS THE ANICS DRILLI	EES- NG
CORP., WILL NEGOTIATE LIABILITY. SOIL MECHAN ITY TO PERSONS OTHER	IICS DRILLING COI R THAN THE CLIEN	RP., ITS OFFICE	rs of His re	EMPLOYEES, HA	VE NO LIAB	LITY OR	RESPONSIB	L-
CLIENT, RELIES ON THI	IS REPORT AT TH							
	,	B BURTON ♦ BEI RCHITECTUR						
		244 EAST N 244 EAST N PATCHOGUE, N	AIN S	STREET				
<u> </u>	OIL ME	CHAN		S DRII	LING	$\mathcal{C}\mathcal{C}$	RP	
		subsc	oil ii	nvestigat	ions			
3770	SUBSUR			, NEW YORK GATION (GE				
				IMPROVE				
	7			SON HILL	_			
VERTICAL BORING SC	ALE:		DATE			DRAW	/ING NUMBE	R
1/2" = 1'-0" UNLESS NO DATES OF BORING		DRAWN BY			2023 SED DATE:		G0.02	
	´ 26 & 27, 202	3 NAR	1	SHL		SHE	ET 1 OF 1	

	12,000	1,200	
2. SEDIMENTARY & FOLIATED ROCK	4,000	400	
3. SANDY GRAVEL & OR GRAVEL (GW & GP)	3,000	200	
 SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL & CLAYEY GRAVEL (SW, SP, SM, SC, GM & GC) 	2,000	150	
 CLAY, SANDY CLAY, SILTY CLAY, CLAYEY SILT, SILT AND SANDY SILT (CL, ML, MH AND CH) 	1,500 ^c	100	

	SAND					SIL
LOOSE		15 OR	15 OR LESS		SOFT	
MEDIUM		16 TC	16 TO 39		MEDIUM	
DENSE		40 OR	MORE			HARD
" N "			PENETRA			
N=17 BLOW	SPOON	BLOW CO	DUNT IS GEN	IEF	RALLY SH	IOWN IN
PER FOOT	- 1		OWS PER F			
		ROT	ARY CASING	i	EXTRA	HEAVY C
SIZES, INCH	ES		2.5			
HAMMER WEIGHT	Γ, POUNDS					
HAMMER FALL,	INCHES					
CB - CASING BL SB - SPOON BL P - PUSHED BY WOR - WEIGHT	OWS PER (WEIGHT (6 INCH D	RIVE NO IER FEI	 ЕТ	UNDISTU SAMPLE - DEPTH - WEIGH	NUMBER
OR NEGLIGENCE RESULIMITED TO THE AMOU WILL CONSTITUTE AN NOTIFY SOIL MECHANI RECEIPT. THE FEE C SENCE OF THIS AGREE CORP., WILL NEGOTIAT LIABILITY. SOIL MECHA	HE LIABILITY OF SOIL MECHANICS DRILLING CORP., ITS OFFICERS OR EMPLON IR NEGLIGENCE RESULTING IN PERSONAL INJURIES, PROPERTY DAMAGE OR ANY IMITED TO THE AMOUNT OF THE FEE PAID FOR THIS REPORT. THE RETENTION OR VILL CONSTITUTE AN ACCEPTANCE OF THIS LIMITED LIABILITY. IF THIS IS UNAG OTIFY SOIL MECHANICS DRILLING CORP. IN WRITING BY CERTIFIED MAIL, WITHIN S ECEIPT. THE FEE CHARGED FOR THIS REPORT IS BASED ON THIS LIMITATION ENCE OF THIS AGREEMENT.IF THE CLIENT WANTS A HIGHER LIMITATION OF LIABIL ORP., WILL NEGOTIATE ONE, BASED UPON A HIGHER FEE BEING CHARGED FOR TH IABILITY. SOIL MECHANICS DRILLING CORP., ITS OFFICERS OR EMPLOYEES, HAVE 'Y TO PERSONS OTHER THAN THE CLIENT FOR WHOM THIS REPORT WAS PREPAR 'LIENT, RELIES ON THIS REPORT AT THEIR OWN RISK.					
1111111111111	B B S BURTON • BEHRENDT • SMITH ARCHITECTURE ENGINEERING 244 EAST MAIN STREET PATCHOGUE, NEW YORK 11772					
	SOIL I	MEC	HANI	2	S DF	RILLI
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377	subsoil investigatic 3770 MERRICK ROAD * SEAFORD, NEW YORK 1				•	
<u> </u>	SUBSURFACE INVESTIGATION (GEO				(GEOT	
	\					
	7 3 5 ANDERSON HILL RO					
VERTICAL BORING S	PURCHASE, NEW YORK VERTICAL BORING SCALE: DRAWING DATE					YORK
1/2" = 1'-0" UNLESS N		IERWISF			- AUGUS ⁻	T 1, 202
DATES OF BORING					ECKED BY: SHL	REVISED
JUL	Y 26 & 27	, 2023	NAR		SHL	







GENERAL NOTES

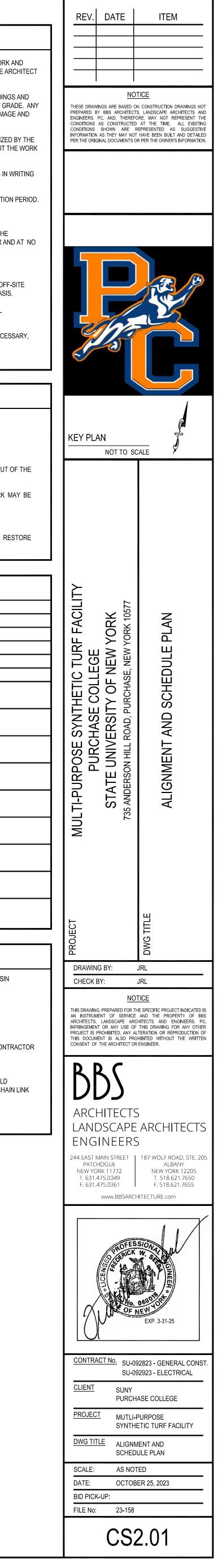
- THE CONTRACTOR SHALL VERIFY ALL LOCATIONS, DIMENSIONS, SIZES AND QUANTITIES OF ALL MATERIALS PRIOR TO THE START OF ANY WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR A DECISION. ALL WORK SHALL BE LOCATED AND MARKED OUT FOR APPROVAL BY THE ARCHITECT PRIOR TO THE START OF ANY CONSTRUCTION.
- THE CONTRACTOR SHALL EXECUTE THE WORK IN SUCH MANNER THAT NO DAMAGE OR INJURY SHALL OCCUR TO PERSONS, EXISTING BUILDINGS AND STRUCTURES, CURBS, ROADS, ATHLETIC FIELDS, WALKS, PIPES, CONDUITS, POLES AND ANY AND ALL OTHER PROPERTY ABOVE AND BELOW GRADE. ANY DAMAGE OR INJURY RESULTING FROM THIS WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, WHO SHALL MAKE GOOD SUCH DAMAGE AND ASSUME ALL RESPONSIBILITY FOR EACH INJURY WITHOUT ADDITIONAL COST TO THE OWNER.
- THE ARCHITECT AND THEIR CONSULTANTS SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS OR PROCEDURES UTILIZED BY THE CONTRACTOR: NOR FOR THE SAFETY OF PUBLIC OR CONTRACTOR'S EMPLOYEES: OR FOR THE FAILURE OF THE CONTRACTOR TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- CONTRACTORS SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO PROCEEDING WITH WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING PRIOR TO START OF WORK.
- 5. IN ACCORDANCE WITH STATE AND LOCAL CODES, ROADWAYS MUST BE KEPT CLEAR, MAINTAINED AND PROTECTED DURING THE CONSTRUCTION PERIOD. 6. CONTRACTORS SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING DIMENSIONS AND CONDITIONS.
- ALL WORK AND MATERIAL OF THIS PROJECT AND ADJACENT SURFACES SHALL BE PROTECTED FROM DAMAGE. IN THE EVENT OF DAMAGE, THE CONTRACTOR SHALL IMMEDIATELY MAKE ALL REPAIRS AND REPLACEMENT NECESSARY TO THE APPROVAL OF THE ARCHITECT AND OWNER AND AT NO ADDITIONAL COST TO OWNER.
- 8. CONTRACTOR TO PROTECT ALL AREAS OF WORK FROM INCLEMENT WEATHER DURING AND AT THE END OF DAILY WORK OPERATIONS.
- ALL PROJECT WASTE MATERIAL AND RUBBISH TO BE DISPOSED IN CONTAINERS PROVIDED BY THE CONTRACTOR FOR SUBSEQUENT LEGAL OFF-SITE DISPOSAL. CONTAINER LOCATION TO BE COORDINATED WITH THE CONSTRUCTION MANAGER. OFF-SITE DISPOSAL TO BE ON A REGULAR BASIS.
- 10. ALL DEBRIS, DUST AND DIRT CAUSED BY WORK OF THIS CONTRACT SHALL BE REMOVED FROM SITE BY APPROPRIATE MEANS. RESTORE ALL CONDITIONS TO THE STATE OF CLEANLINESS THAT EXISTED PRIOR TO COMMENCEMENT OF WORK. I. ALL DEMOLITION AND CONSTRUCTION WORK TO BE PERFORMED WITHOUT INTERRUPTION OF OWNER OPERATIONS. IF INTERRUPTION IS NECESSARY, WORK MUST NOT PROCEED UNTIL WRITTEN APPROVAL HAS BEEN OBTAINED FROM THE OWNER.

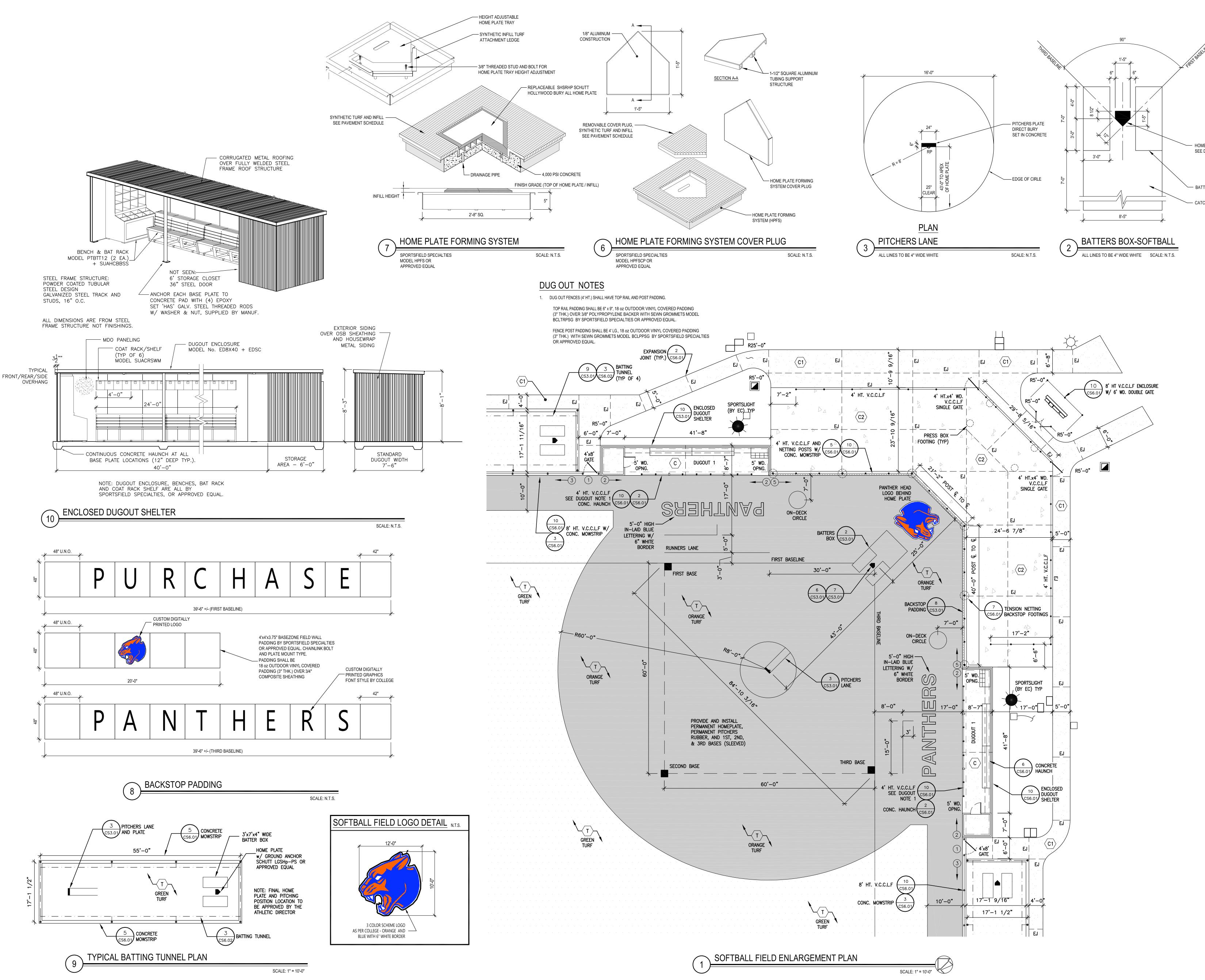
NEW WORK KEY NOTES

- REFER TO CS600 SERIES DRAWINGS FOR SITE DETAILS AND PAVEMENT SCHEDULE.
- REFER TO CS300 SERIES FOR ALL REQUIRED FIELD MARKINGS.
- REFER TO SYMBOL LEGEND FOR NEW WORK TAGS AND SYMBOLS.
- CURBS, WALKS, FENCES, AND OTHER MAJOR ITEMS SHALL BE STAKED FOR THE APPROVAL OF THE ENGINEER PRIOR TO INSTALLATION. LAYOUT OF THE WORK MAY BE ADJUSTED IN THE FIELD TO MEET SITE CONDITIONS AS APPROVED BY THE ENGINEER.
- N.Y.S. LICENSED LAND SURVEYOR SHALL PERFORM ALL LAYOUT WORK, INCLUDING BASELINE ESTABLISHMENT. LAYOUT OF THE WORK MAY BE ADJUSTED IN THE FIELD TO MEET SITE CONDITIONS AS APPROVED BY THE ENGINEER.
- LOOSEN TOPSOIL, TOP-DRESS AND SEED ALL DISTURBED AREAS NOT SCHEDULED FOR IMPROVEMENT.
- CONTRACTOR SHALL REMOVE ALL TEMPORARY FENCING AND EROSION AND SEDIMENT CONTROL UPON COMPLETION OF THE WORK. RESTORE PROJECT SITE TO ITS EXISTING CONDITION INCLUDING REPAIRS TO PAVEMENT, TOP DRESSING AND SEEDING OF DISTURBED AREAS.

SYMBOL LEGEND					
SYMBOL	DESCRIPTION				
••	CHAIN LINK FENCE				
	CONCRETE MOWSTRIP				
	CONCRETE HAUNCH				
	BASELINE				
EJ	EXPANSION JOINT				
(<u>⊕</u> ;,,,,(⊕);	TENSION NETTING BACKSTOP SYSTEM				
2	NEW CURB TYPE - SEE DETAILS ON CS6.01				
C	NEW PAVEMENT TYPE SCHEDULE - SEE SCHEDULE ON CS6.01				
CS6.01	NEW ITEM DETAIL TAG - SEE DETAILS ON CS600 SERIES				
	NEW SYNTHETIC TURF AND INFILL (GREEN)				
	NEW SYNTHETIC TURF AND INFILL (ORANGE)				
	NEW CONCRETE PAVEMENT				
	NEW HEAVY DUTY CONCRETE PAVEMENT				
$\bigstar \Box$	NEW SPORTS LIGHTING AND ELECTRICAL BOXES				

LIST OF	ABBREVIATIONS		
ALT. ASPH. BC CB CLF CONC. DEMO. E E.C. ENC. EX. GALV. G.C HT.	ALTERNATE ASPHALT BOTTOM CURB CATCH BASIN CHAIN LINK FENCE CONCRETE DEMOLITION EAST ELECTRICAL CONTRACTOR ENCLOSURE EXISTING GALVANIZED GENERAL CONSTRUCTION CONTRACTOR HEIGHT	LB LF LG LP N OPN. PAV'T S SC TC TEMP. (TYP.) VIF VCCLF W WD &	LEACHING BASII LINEAR FEET LONG LIGHT POLE NORTH OPENING PAVEMENT SOUTH SITEWORK CON TOP CURB TEMPORARY TYPICAL VERIFY IN FIELD VINLY CLAD CH, FENCE WEST WIDE AND

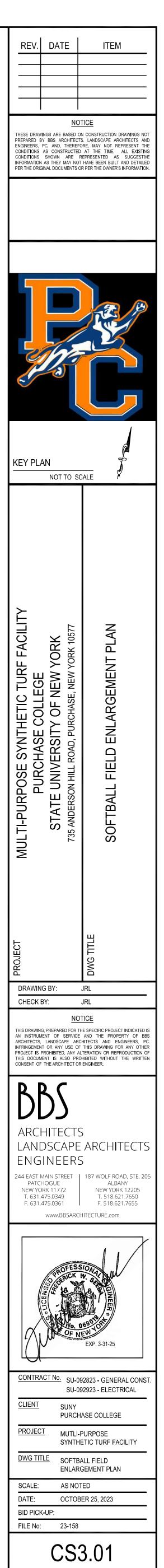


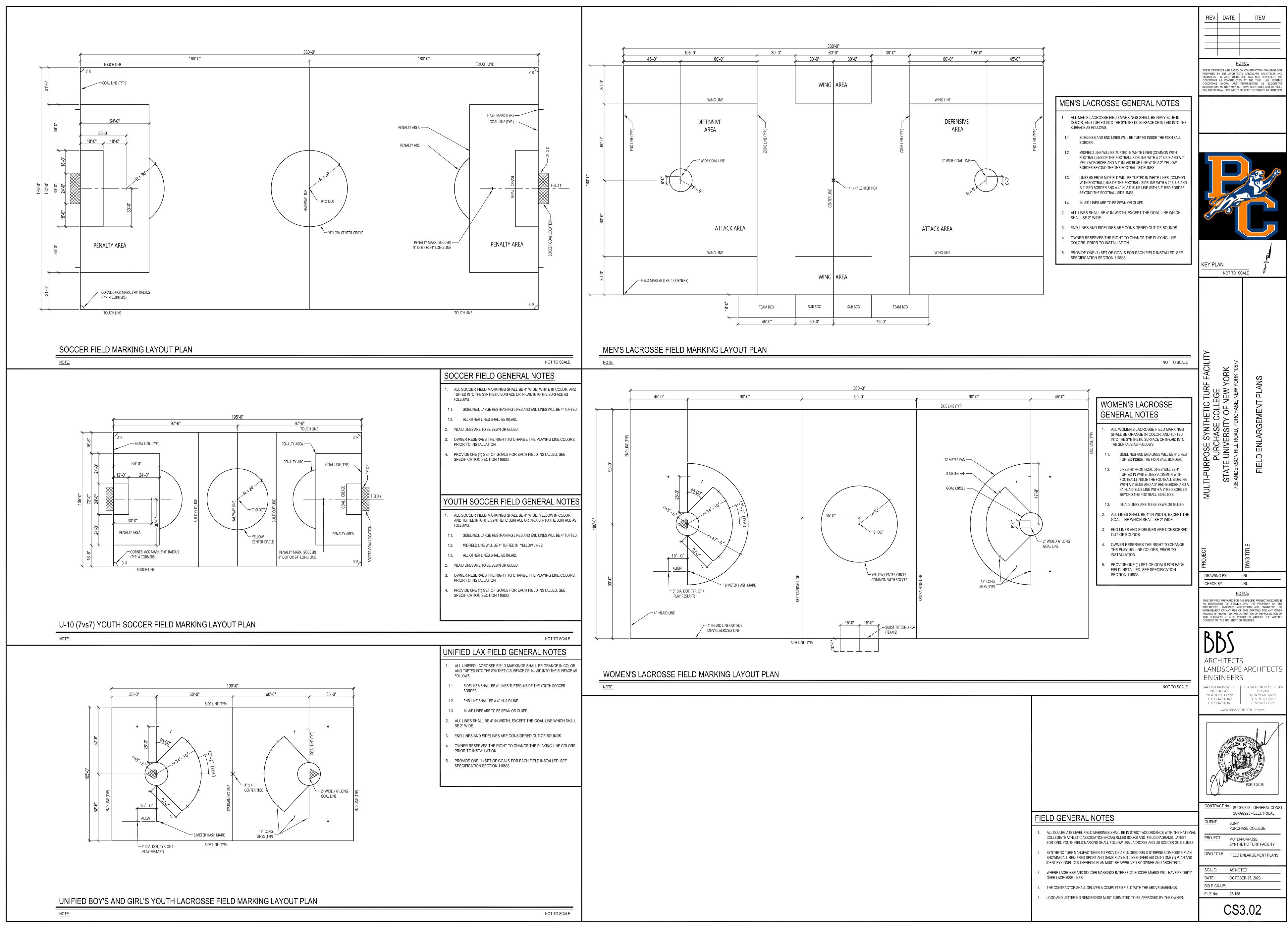


- HOME PLATE SEE DETAILS 6 AND 7

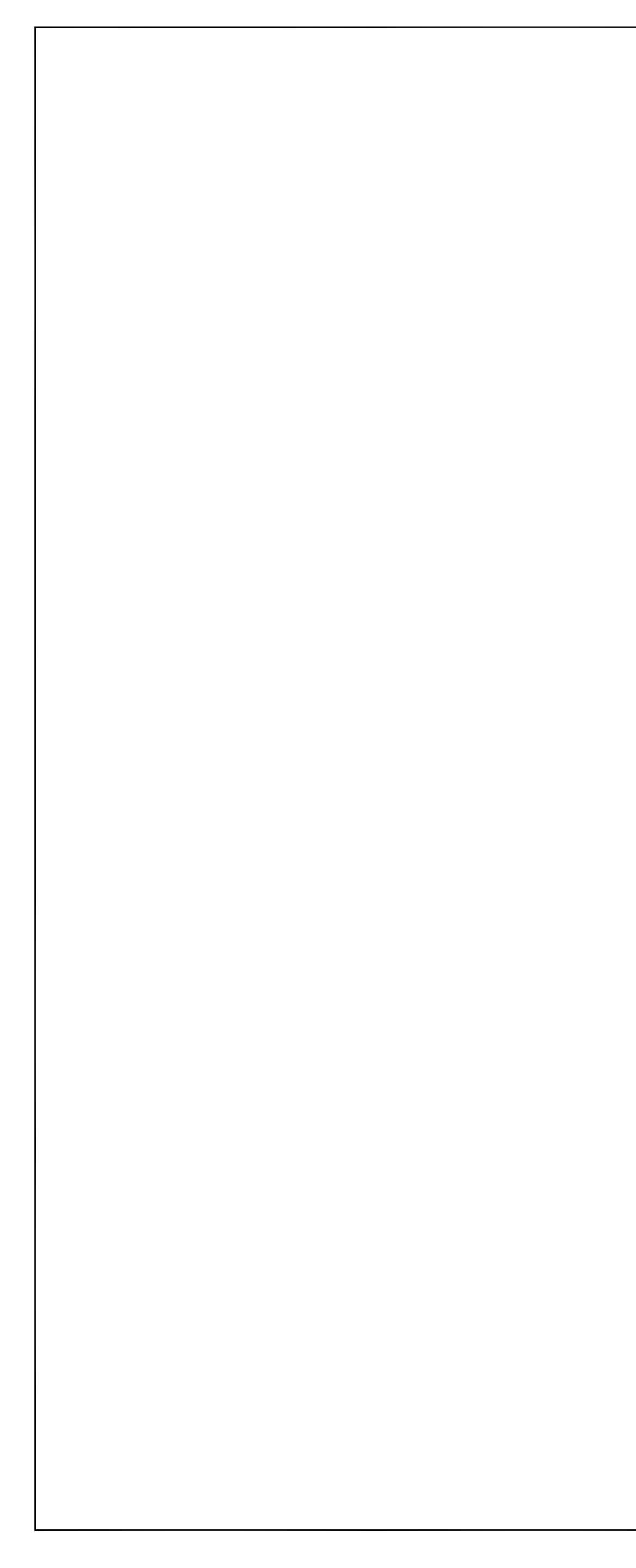
- BATTERS BOX

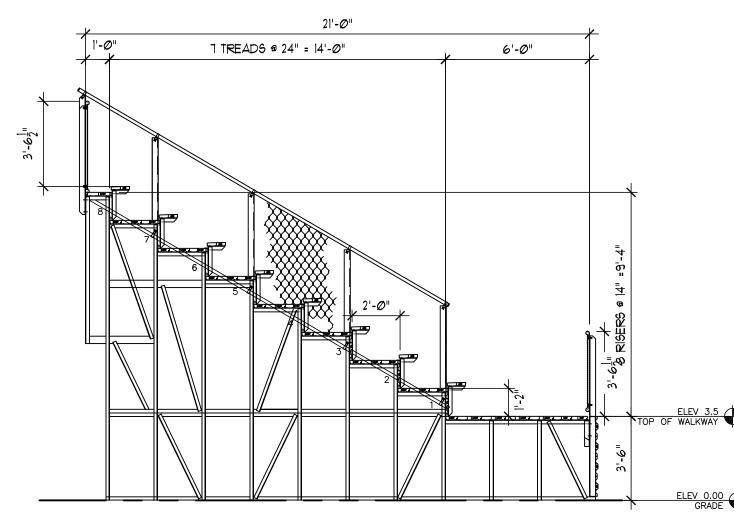
— CATCHERS BOX

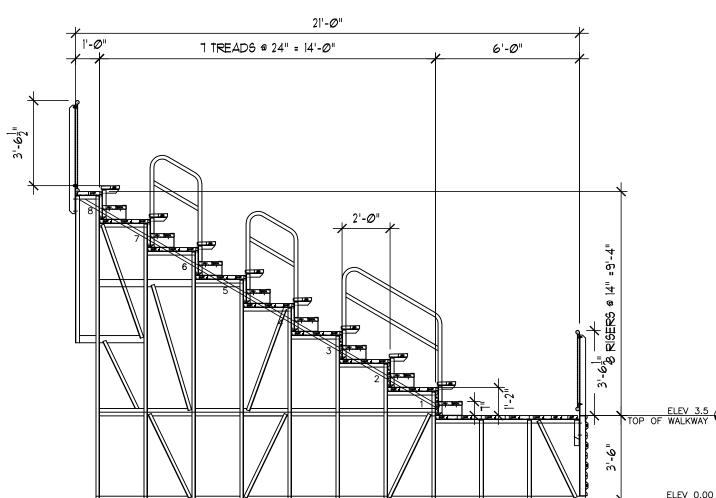


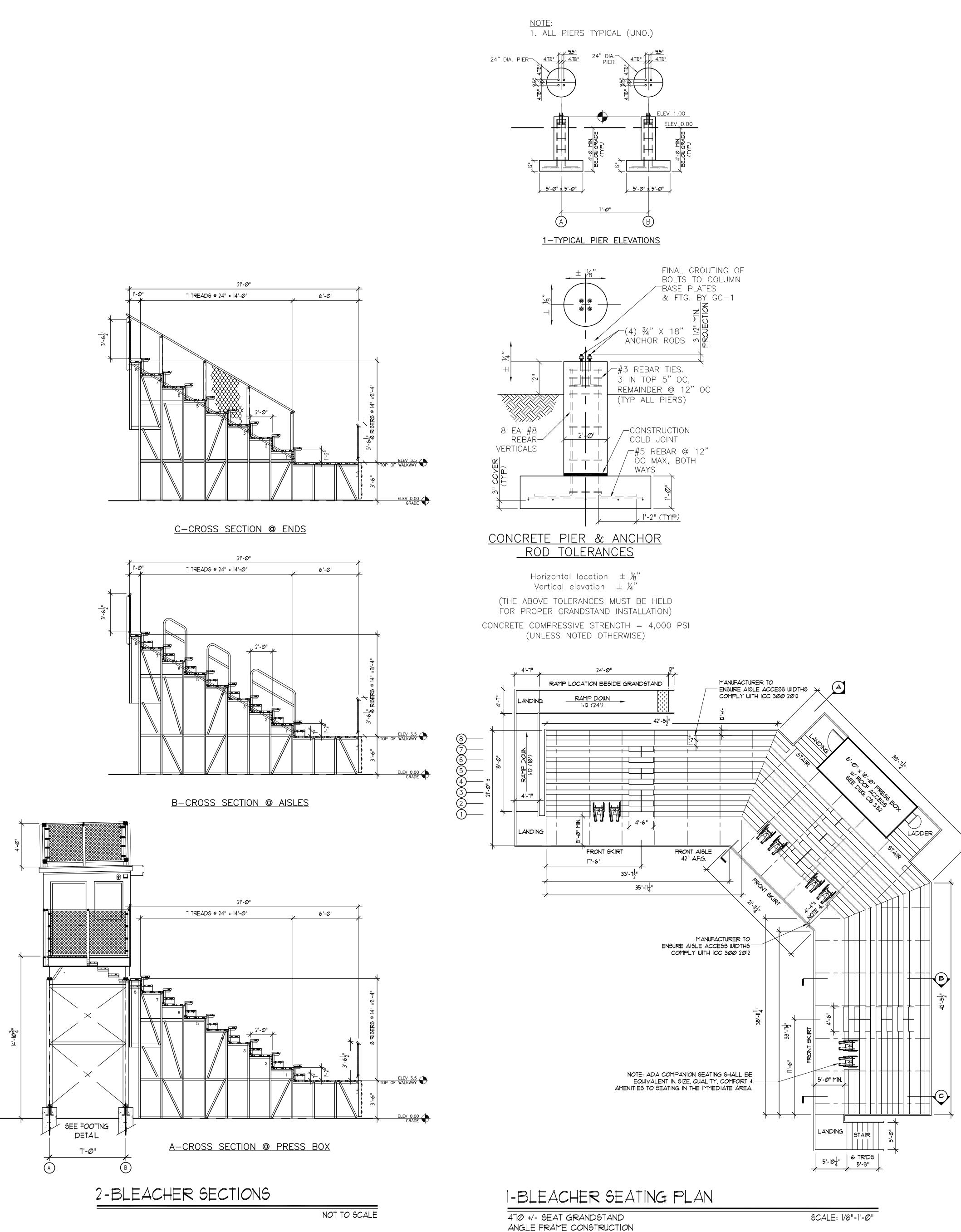


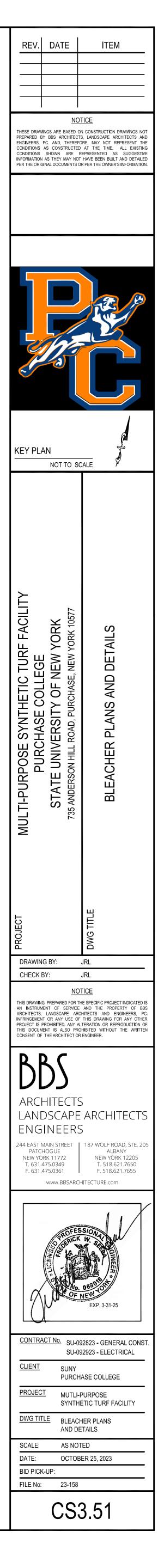
BE IN STRICT ACCORDAN JLES BOOKS AND FIELD D W USA LACROSEE AND U A COLORED FIELD STRIP AYING LINES OVERLAID ON APPROVED BY OWNER AN FERSECT, SOCCER MARKS

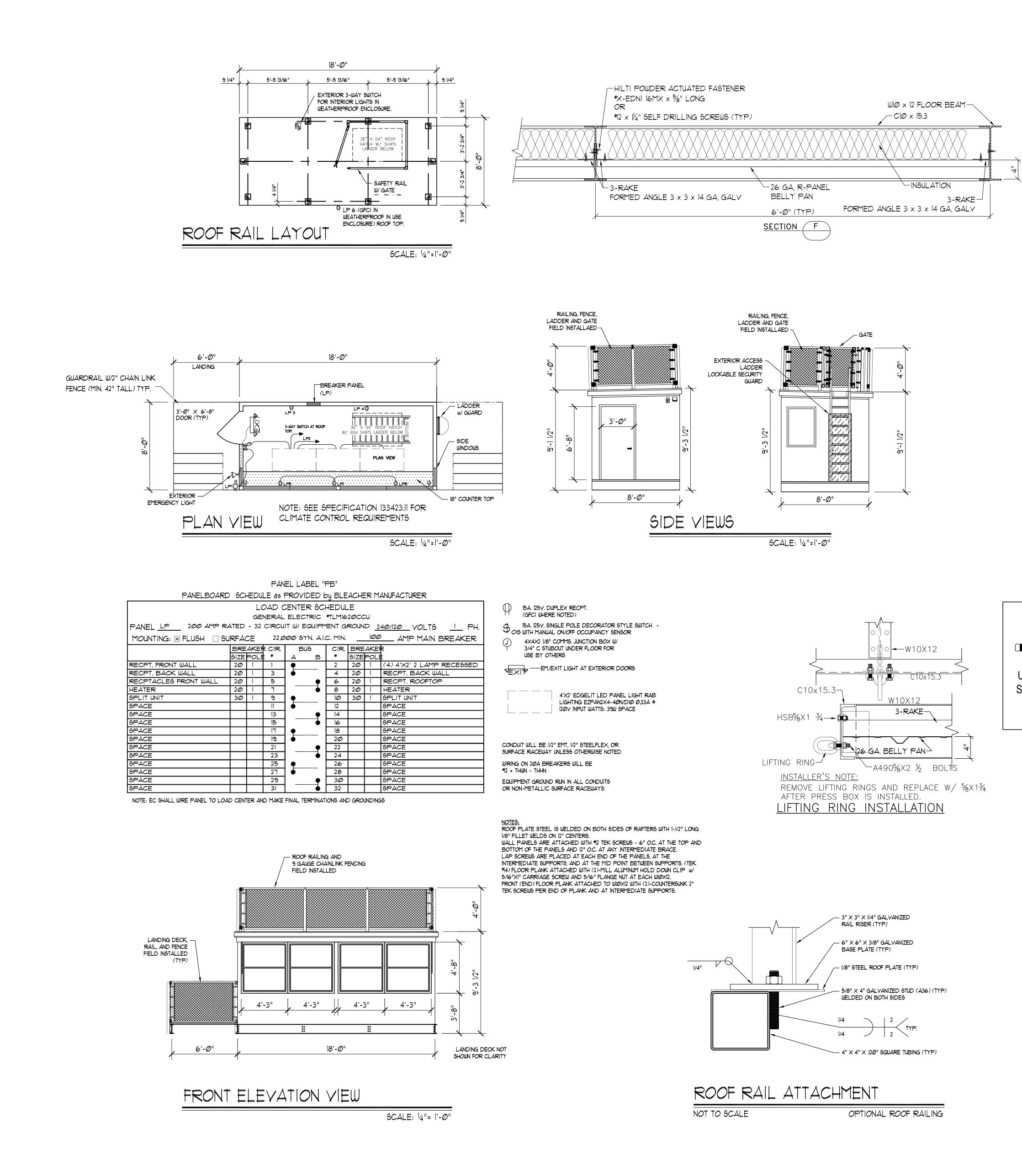


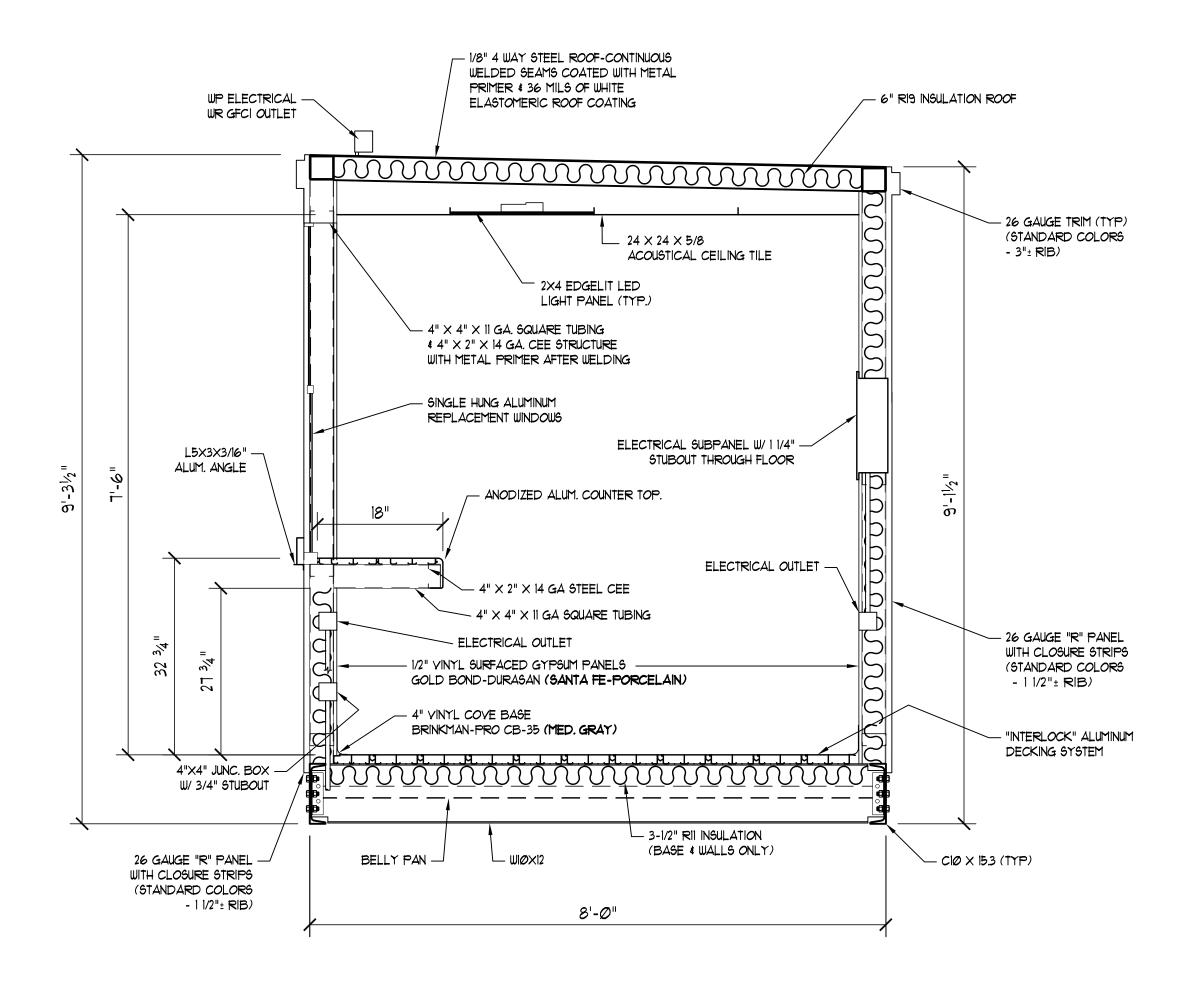






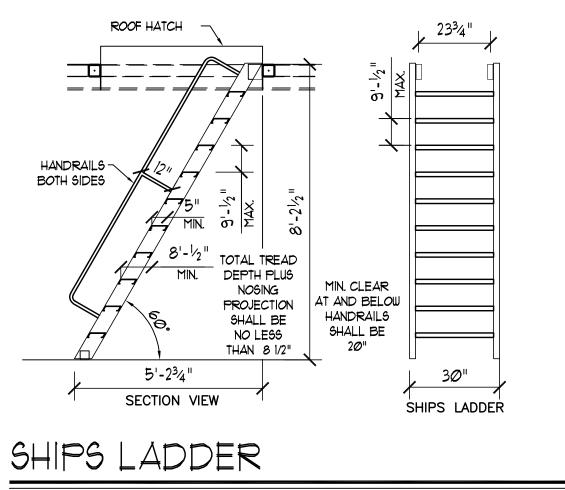




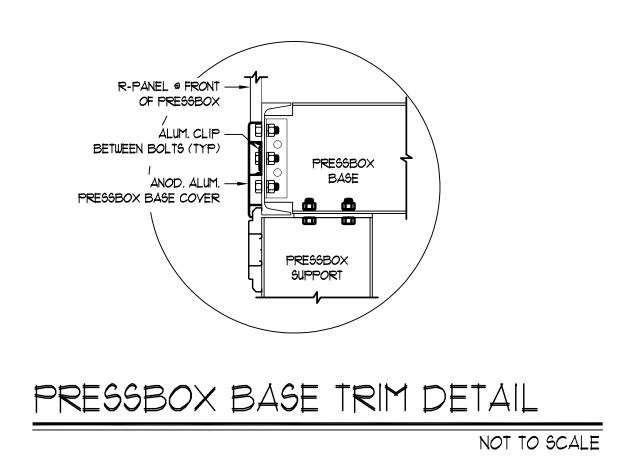


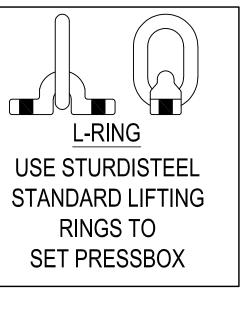
SECTION VIEW

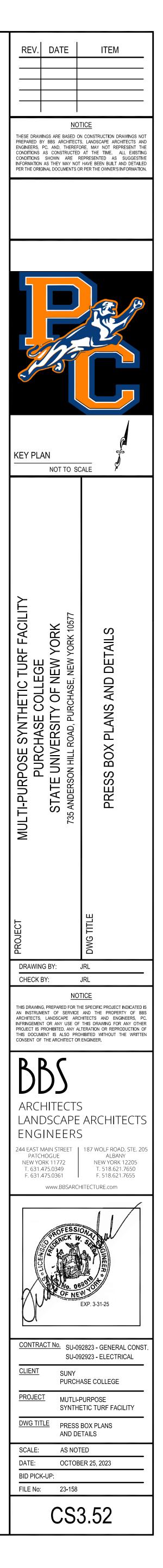
SCALE: ³/₄"=1'-Ø"

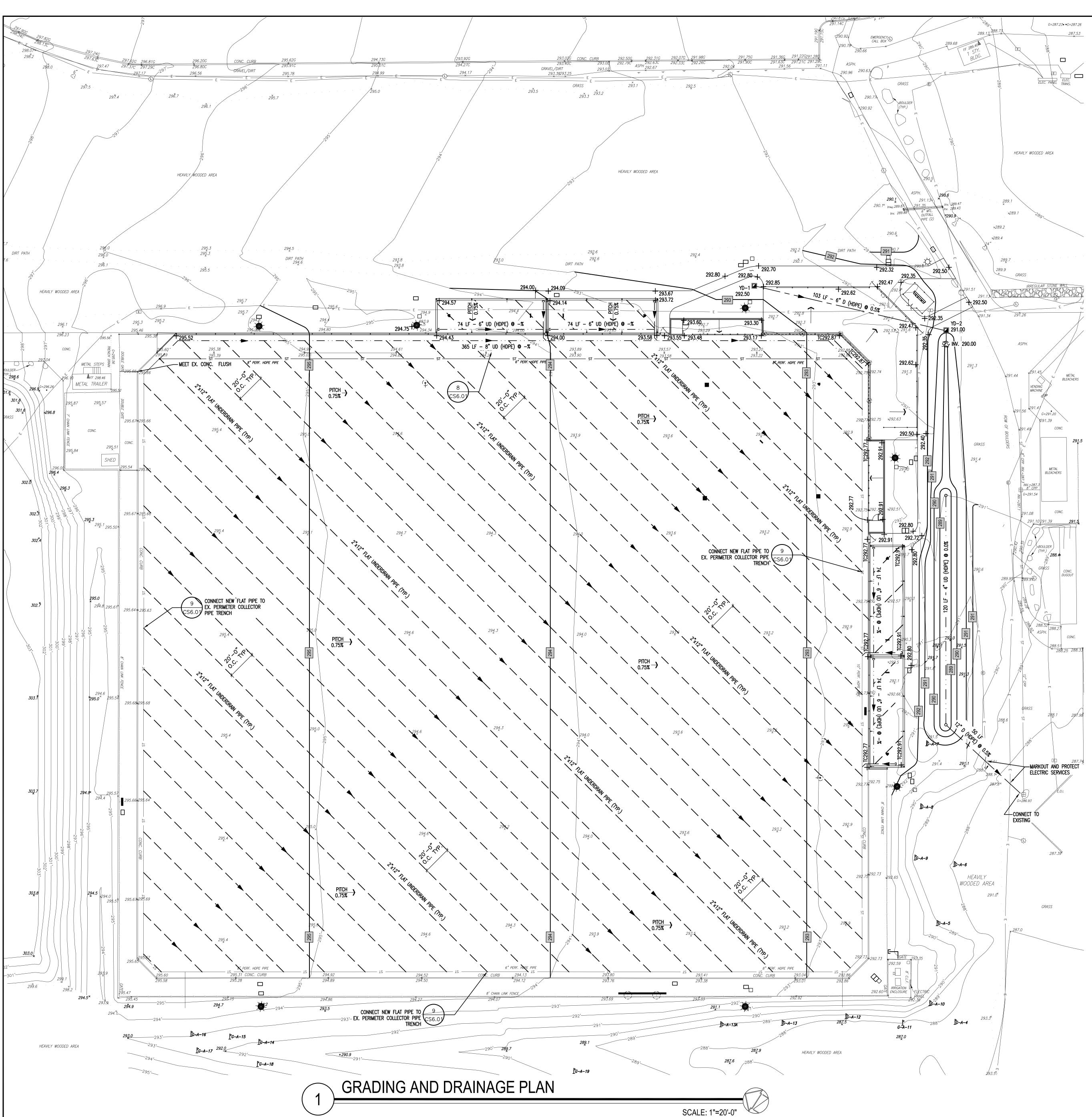


SCALE: 3/4"=1'-Ø"









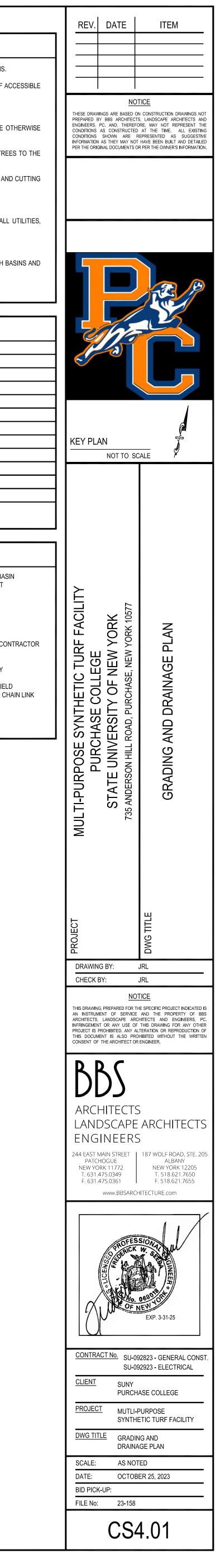
GENERAL NOTES

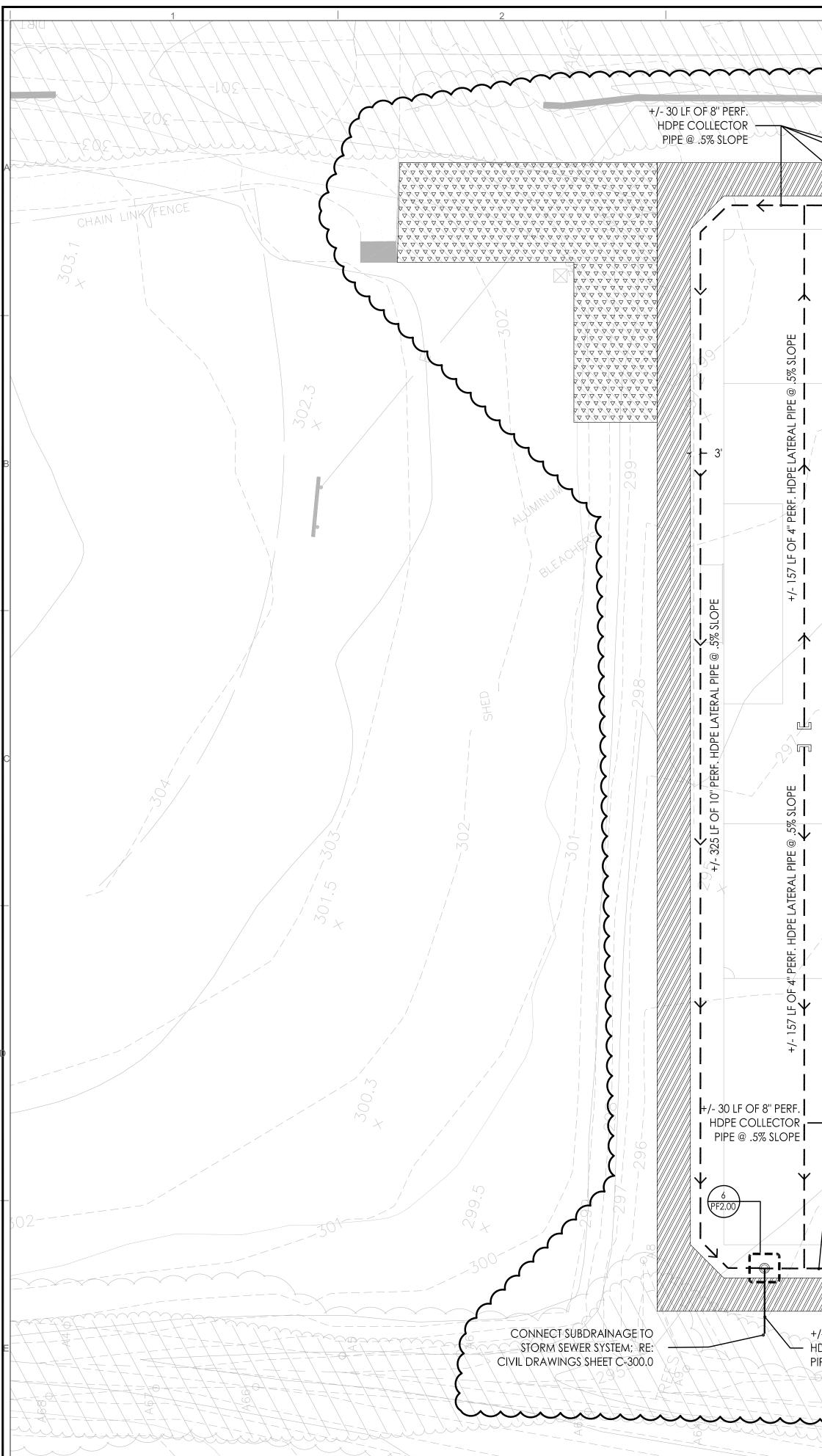
- ALL PAVED SURFACES SHALL PITCH 1% MIN. IN THE DIRECTION OF THE NEAREST DRAIN INLET OR THE DIRECTION AS SHOWN ON THE PLANS.
 ALL PAVED SURFACES ON AN ACCESSIBLE ROUTE SHALL HAVE A MAXIMUM CROSS PITCH OF 2% UNLESS OTHERWISE NOTED. OUTSIDE OF ACCESSIBLE ROUTES THE PITCH SHALL NOT EXCEED 5%.
- 3. INDICATED SPOT GRADES REPRESENT FINISHED GRADES UNLESS OTHERWISE NOTED.
- 4. LANDSCAPED AREAS SHALL BE GRADED FLUSH WITH THE TOP OF CURBS AND PAVEMENTS TO MEET EXISTING GRADE EXCEPT WHERE OTHERWISE NOTED.
- 5. CAUTION SHALL BE EXERCISED DURING GRADING OPERATIONS SO AS NOT TO RAISE OR LOWER GRADE IN THE VICINITY OF EXISTING TREES TO THE EXTENT THAT ROOTS ARE EXPOSED OR BURIED.
- 6. ALL NEW PAVEMENT AREAS TO BE INSTALLED TO SMOOTH, EVEN GRADE. CORRECT LOW SPOTS AND GRADE DISCREPANCIES BY FILLING AND CUTTING AS REQUIRED.
- 7. MEET EXISTING GRADES AT PROPERTY LINES AND LIMIT OF WORK LINES WHERE INDICATED.
- ALL EXISTING UTILITIES MAY NOT BE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UTILITIES, CLEARLY MARK AND PROTECT DURING EXCAVATION.
- 9. SEE DRAWING CS600 SERIES DRAWINGS FOR PAVING AND DRAINAGE DETAILS.
- 10. DRAINAGE AND SANITARY PIPE LAYING LENGTHS ARE MEASURED TO THE CENTERLINE OF MANHOLES AND TO THE INSIDE FACE OF CATCH BASINS AND DRAIN INLETS.
- 11. CONTRACTOR SHALL CLEAN EXISTING DRAINAGE STRUCTURES AND PIPES TO REMAIN OF ALL SILT AND DEBRIS AS SHOWN.

SYMBOL	SYMBOL LEGEND					
SYMBOL	DESCRIPTION					
===	PROPOSED DRAINAGE PIPING (HDPE)					
<u> </u>	PROPOSED UNDER-DRAIN PIPING (HDPE)					
	PROPOSED UNDER-DRAIN PIPING WITH END CAP					
	PROPOSED HORIZONTAL DRAIN (HDPE)					
29	PROPOSED CONTOUR					
	PROPOSED INDEX CONTOUR					
\longrightarrow	PAVEMENT PITCH DIRECTION					
	PIPE SLOPE DIRECTION					
+ 100.00	PROPOSED SPOT ELEVATION					
<u>295</u>	EXISTING SPOT CONTOUR					
295.00	EXISTING SPOT ELEVATION					
 CS6.01	NEW ITEM DETAIL TAG - SEE CS600 SERIES					

LIST OF ABBREVIATIONS

ALT. ASPH. BC BW CB CLF CONC. DEMO. E E.C. ENC. EX. FG GALV. G.C HT.	ALTERNATE ASPHALT BOTTOM CURB BOTTOM WALL CATCH BASIN CHAIN LINK FENCE CONCRETE DEMOLITION EAST ELECTRICAL CONTRACTOR ENCLOSURE EXISTING FINISHED GRADE GALVANIZED GENERAL CONSTRUCTION CONTRACTOR HEIGHT INVERT	LB LF LG LP N OPN. PAV'T S SC TC TW TEMP. (TYP.) VIF VCCLF W	LEACHING BAS LINEAR FEET LONG LIGHT POLE NORTH OPENING PAVEMENT SOUTH SITEWORK CO TOP CURB TOP WALL TEMPORARY TYPICAL VERIFY IN FIEL VINLY CLAD CI FENCE WEST
HT. INV.	HEIGHT INVERT	vv WD &	WEST WIDE AND





GENERAL NOTES:

1. ALL SITE AND UTILITY INFORMATION SHOWN IS BASED UPON INFORMATION SUPPLIED BY THE LANDLORD. CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS, ELEVATIONS, UTILITY LOCATIONS AND DIMENSIONS SHOWN ON THE PLANS PRIOR TO COMMENCEMENT OF WORK. NOTIFY OWNER OF ANY DISCREPANCIES OR IRREGULAR CONDITIONS TO THE INFORMATION SHOWN.

2. CONTRACTOR SHALL PROTECT ALL SITE IMPROVEMENTS AND UTILITIES. DAMAGE OCCURING DURING AND AS A RESULT OF CONSTRUCTION SHALL BE REPAIRED/REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

3. ALL WORK PERFORMED IN THIS CONTRACT SHALL COMPLY WITH THE LOCAL LAWS, REGULATIONS, AND STANDARDS AS DEFINED BY THE AUTHORITIES HAVING JURISDICTION, THE TENANT AGREEMENT, AND THE STANDARDS AS SET FORTH BY THESE CONTRACT DOCUMENTS.

4. ALL DIMENSIONS SHOWN ARE REPRESENTED USING U.S. SURVEY DIMENSION STANDARDS.

5. THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, ARCHITECT, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES, REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

SIGNAGE & ENVIRONMENTAL GRAPHICS	AV / IT & SECURITY ENGINEER	TURF & IRRIGATION CONSULTANT	CIVIL ENGINEER & LANDSCAPE ARCHITECT	DISCLAIMER	
RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858	I STREET29 WEST 28TH STREET, 5TH FL1907 SWIFT STREET, SUITE 20421 PENN PLA, NY 10013NEW YORK, NY 10018NORTH KANSAS CITY, MI 64116NEW YORK, N		LANGAN 21 PENN PLAZA, 8TH FL NEW YORK, NY 10001-2727 T. 212.479.5400	THE ARCHITECT / ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY LIAB LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY US THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE THIS PROJECT.	
				THIS DOCUMENT IS TO BE CONSIDERED IN CONJUNCTION WITH ALL RELATED	
	SPORTS CONSULTATION	LIGHTING DESIGNER	MEP / FP & LEED ENGINEER	DOCUMENTATION.	
	PROLEISURE 88 HARPESFORD AVE VIRGINIA WATER, SURREY, UK	ONELUX STUDIO 158 WEST 29TH STREET, 10TH FL NEW YORK, NY 10001 T. 212,201,5790	M-E ENGINEERS 29 WEST 28TH STREET, 5TH FL NEW YORK, NY 10018 T. 212.447.6770	ANY DISCREPANCIES IDENTIFIED IN THIS DOCUMENT MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT / ENGINEER BEFORE PROCEEDING.	
	GU25 4RE T. 44 (0).7827.797373	1. 212.201.3790	1.212.447.6770	WORK. ONLY FIGURED DIMENSIONS ARE TO BE USED FOR VERIFICATION.	

	+/- 30 LF OF 6" PERF. HDPE COLLECTOR PIPE @ .5% SLOPE	The second	+/- 30 LF OF 6' F HDPE COLLEC PIPE @ .5% SL	CTOR			OF 8" PERF. Collector — @ .5% Slope
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HDPE COLLECTOR PIPE @ .5% SLOPE	HDPE COLLECTOR	HHZ-	HDPÉ COLLEC PIPE @ .5% SL				DLLECTOR
SUBDRAINAGE NC	DTES:		Uninter	tulitatulul	mitrat for f.		1 & 1 /-1
	DRAWINGS FOR CONNECTION O	UTSIDE OF THE	4. ALL DRAINLINE ELEVA UNLESS NOTED OTHERW		RE INVERT ELEVATION		BDRAINAGE LOC RIFIED PRIOR TO

4

3. CONTRACTOR TO PROVIDE SHOP DRAWINGS INCLUDING ALL CONNECTIONS AND ACCESSORIES USED.

ARCHITECT / ENGINEER SEAL

- LINES.
- 6. CONTRACTOR TO AVOID TRAFFIC OVER INSTALLED DRAINAGE TRENCHES TO PREVENT CRUSHING OF PIPE.
- 7. INVERTS ARE SYMMETRICAL ABOUT FIELD CENTERLINE EXCEPT WHERE NOTED.
- 8. CLEANOUTS OR END CAPS AT ENDS OF SUBDRAINAGE LATERALS
- AS PER PLAN. 9. COORDINATE DRAINAGE CONNECTION AND INVERTS WITH
- AS-BUILT CONDITIONS.

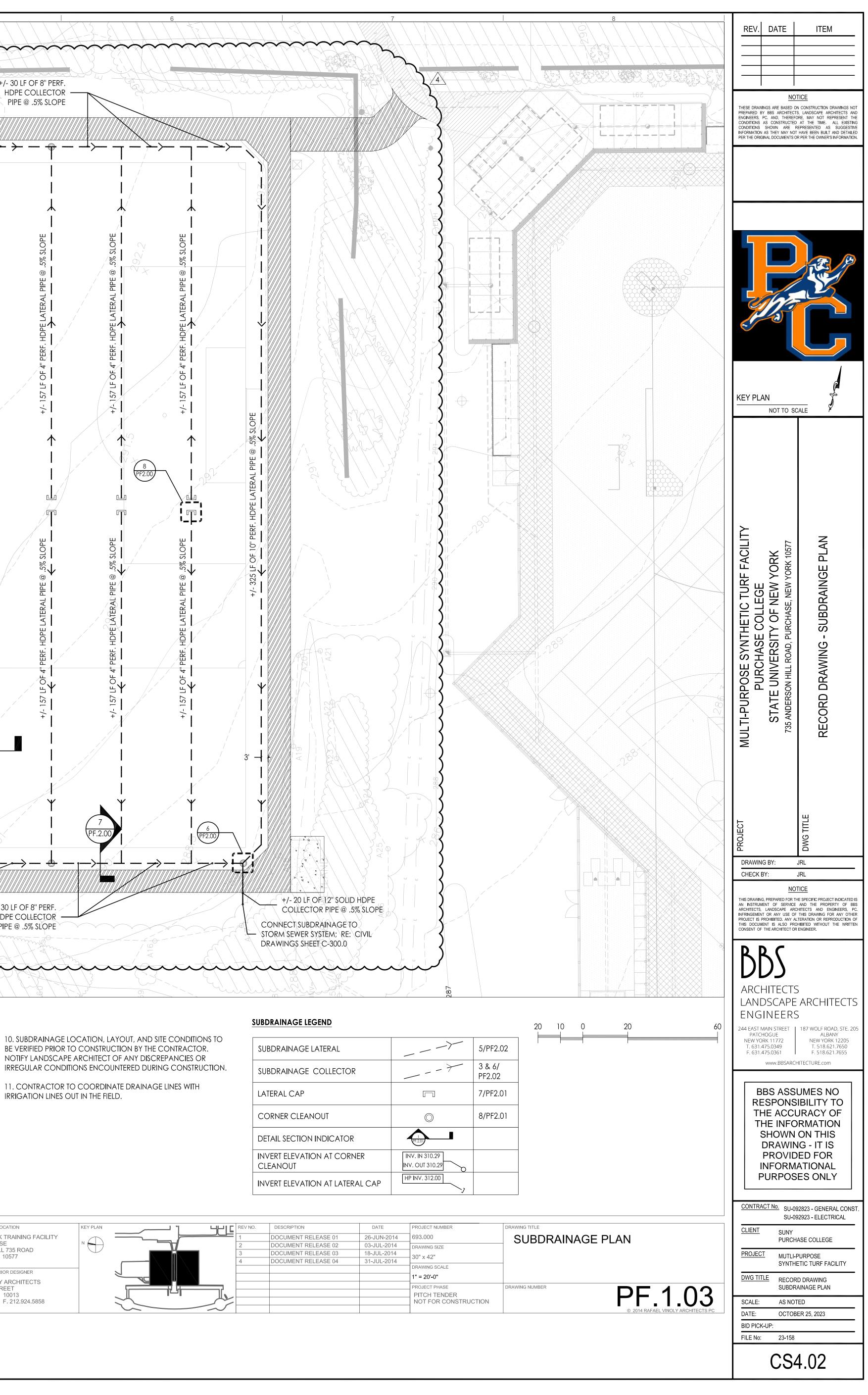
### EER SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, R EXPENSE ARISING FROM OR RELATING TO ANY USE OF Y PURPOSE OTHER THAN ITS INTENDED PURPOSE ON

OWNER / CLIENT NEW YORK CITY FOOTBALL CLUB 600 THIRD AVENUE NEW YORK, NY 10016 T. 212.738.5818

PROJECT NAME & LOCATION CFA NEW YORK TRAINING FACILITY SUNY PURCHASE ANDERSON HILL 735 ROAD HARRISON, NY 10577

ARCHITECT & INTERIOR DESIGNER RAFAEL VINOLY ARCHITECTS 50 VANDAM STREET NEW YORK, NY 10013 T. 212.924.5060 F. 212.924.5858

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SUBDRAINAGE LATERAL		5/PF2.02
SUBDRAINAGE COLLECTOR		3 & 6/ PF2.02
LATERAL CAP		7/PF2.01
CORNER CLEANOUT	Ô	8/PF2.01
DETAIL SECTION INDICATOR	1 PF.2.01	
INVERT ELEVATION AT CORNER CLEANOUT	INV. IN 310.29 INV. OUT 310.29	
INVERT ELEVATION AT LATERAL CAP	HP INV. 312.00	

EY PLAN	REV NO.	DESCRIPTION	DATE	PROJECT NUMBER	DRAWING TITLE
$\frown$	1	DOCUMENT RELEASE 01	26-JUN-2014	693.000	SUBDRAINAGE PLAN
$( \rightarrow )$	2	DOCUMENT RELEASE 02	03-JUL-2014	DRAWING SIZE	
$\Box$	3	DOCUMENT RELEASE 03	18-JUL-2014		
	4	DOCUMENT RELEASE 04	31-JUL-2014		
				DRAWING SCALE	
				1" = 20'-0"	
				PROJECT PHASE	DRAWING NUMBER
				PITCH TENDER	
				NOT FOR CONSTRUCTION	
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