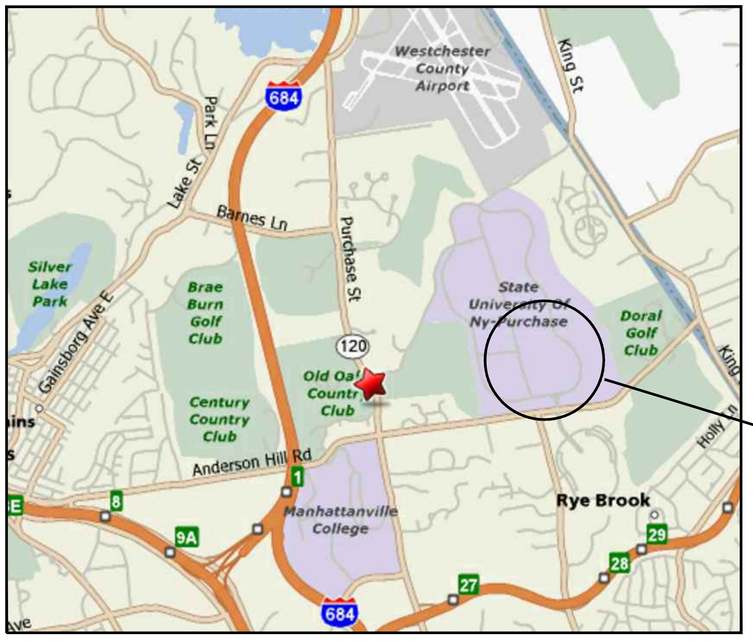
Project # SU-111618

Purchase College State University of New York
Purchase, New York 10577
Purchase College Athletic Field Complex - Multi-Field Synthetic Turf Replacement

BID DOCUMENT SET
DATE: JANUARY 17, 2019



PROJECT LOCATION MAP

LOCATION

PROJECT

DRAWING LIST:

COMMON ABBREVIATIONS:

AB	ANCHOR BOLT	GALV	GALVANIZED	RAD	RADIUS
ADA	AMERICAN DISABILITIES ACT	GC	GENERAL CONTRACT (OR)	RS	RESILIENT SURFACE
ADD	ADDENDUM	GCO	GRADE CLEANOUT	RCA	RECYCLED CONCRETE AGGREGATE
ADDL	ADDITIONAL	GND	GROUND	RCP	REINFORCED CONCRETE PIPE
ADJ	ADJACENT	GPM	GALLONS PER MINUTE	RD	ROOF DRAIN
ALT	ALTERNATE	GVL	GRAVEL	REF	REFERENCE
ALTN	ALTERATION			REINF	REINFORCED, (ING)
ANOD	ANODIZED	HB	HOSE BIB	REM	REMOVE
APPROX	APPROXIMATE (LY)	HD	HEAVY DUTY	REQ'D	REQUIRED
ASPH	ASPHALT	HDPE	HIGH DENSITY POLYETHYLENE	RET	RETAINING
		HORZ	HORIZONTAL	REV	REVISION, REVISED
BC	BOTTOM OF CURB	HT	HEIGHT		
BFP	BACK FLOW PREVENTER	HVAC	HEATING,VENTILATING,AIR CONDITIONING	SAN	SANITARY
BIT	BITUMINOUS			SCHED	SCHEDULE
BLDG	BUILDING	ID	INSIDE DIAMETER	SD	STORM DRAIN
BO	BY OTHERS	IE	INVERT ELEVATION	SEC	SECTION
BOF	BOTTOM OF FOOTING	IN	INCHES	SF	SQUARE FEET
		INCL	INCLUDE (D) (ING)	SHT	SHEET
BS	BOTH SIDES, BOTTOM OF STAIR	INV	INVERT	SIM	SIMILAR
BSPL	BACKSPLASH	IP	IRON PIPE	SLV	SLEEVE
BW	BOTTOM OF WALL	IPS	IRON PIPE SIZE	SMH	SANITARY MANHOLE
BWC	BACK WATER CHECK VALVE			SOG	SLAB ON GRADE
		JB	JUNCTION BOX	SPEC	SPECIFICATIONS
CB	CATCH BASIN	JCT	JUNCTION	SPKR	SPRINKLER
CEM	CEMENT	JT	JOINT	SQ	SQUARE
CF	CUBIC FEET			SS	STAINLESS STEEL
CFM	CUBIC FEET PER MINUTE	L	LENGTH	ST	STORM
CI	CAST IRON	LC	LANDSCAPE CONTRACTOR (SITE)	STD	STANDARD
CIP	CAST IN PLACE	LF	LINEAR FOOT	SS	SYNTHETIC SURFACE
CJ	CONTROL JOINT			SURF	SURFACE
CL	CENTER LINE	MAS	MASONRY	SYN	SYNTHETIC
CLL	CONTRACT LIMIT LINE	MAT	MATERIAL		
CMU	CONCRETE MASONRY UNIT	MAX	MAXIMUM	TB	TOP AND BOTTOM
CO	CLEAN OUT	ME	MATCH EXISTING	TC	TOP OF CURB
COL	COLUMN	MFR	MANUFACTURE (R)	TEL	TELEPHONE
CONC	CONCRETE	MH	MANHOLE	TEMP	TEMPERATURE
CONST	CONSTRUCTION	MIN	MINIMUM	TOP	TOP OF PIPE
CONT	CONTINOUS	MISC	MISCELLANEOUS	TS	TOP OF STAIR
COORD	COORDINATE	MTL	METAL	TV	TELEVISION
				TW	TOP OF WALL
DEMO	DEMOLISH	NIC	NOT IN CONTRACT	TYP	TYPICAL
DET	DETAIL	NOM	NOMINAL		
DIA	DIAMETER	NTS	NOT TO SCALE	UC	UNDERCUT
DIM	DIMENSION			UD	UNDERDRAIN
DWG	DRAWING	OC	ON CENTER	UE	UNDERGROUND ELECTRIC
DS	DRAINAGE STRUCTURE	OD	OUTSIDE DIAMETER	UG	UNDERGROUND
DTL	DETAIL	OH	OVERHEAD	UON	UNLESS OTHERWISE NOTED
		OPNG	OPENING	UT	UNDERGROUND TELEPHONE
EJ	EXPANSION JOINT			VAR	VARIES
EQ	EQUAL	PC	PLUMBING CONTRACT	VERT	VERTICAL
EQUIP	EQUIPMENT	PERF	PERFORATED	VIF	VERIFY IN FIELD
EW	EACH WAY	PERI	PERIMETER		
EXG	EXISTING	PERP	PERPENDICULAR	WS	WATER STOP
EXP	EXPANSION	PL	PROPERTY LINE	WT	WEIGHT
EXT	EXTERIOR	POT	POINT OF TANGENCY	WWM	WELDED WIRE MESH
		PROJ	PROJECT	W/	WITH
FF	FINISH FLOOR	PVC	POLYVINYL CHLORIDE	W/O	WITHOUT
FFE	FINISH FLOOR ELEVATION	PVMT	PAVEMENT		
FH	FIRE HYDRANT				
FTG	FOOTING				

COMMON PATTERNS:

- EARTH - COMPACTED
- EARTH - UNDISTURBED
- GRAVEL
- SAND
- CONCRETE
- NEW WALK DUTY ASPHALT PAVING
- NEW AUTO DUTY ASPHALT PAVING
- NEW HEAVY DUTY ASPHALT PAVING
- RESILIENT SURFACING
- TENNIS COURT SURFACING
- CONCRETE MASONRY UNITS
- BRICK
- ROUGH WOOD

COMMON SYMBOLS:

- 1 / SITE PLAN (Scale: 1"=30'-0") - DRAWING TITLE
- 1/L100 DETAIL BUBBLE TEXT TEXT - DETAIL REFERENCE TAG
- N - NORTH ARROW
- 1/101 - EXTERIOR ELEVATION
- 1/101 - SECTION CALL OUT
- FLOW ARROW
- A - COLUMN CENTER LINE
- 1 - REVISION BUBBLE
- 100 - EXISTING CONTOUR
- 100 - PROPOSED CONTOUR
- 100.00 - EXISTING SPOT ELEVATION
- TC 100.00 - PROPOSED SPOT ELEVATION
- TC 100.50 / BC 100.00 - PROPOSED CURB/WALL SPOT
- \+ - SPOT LOCATION MARK
- 1% SLOPE - SLOPE ARROW
- A/A, B/B - MATCH LINE
- CUT LINE

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T1

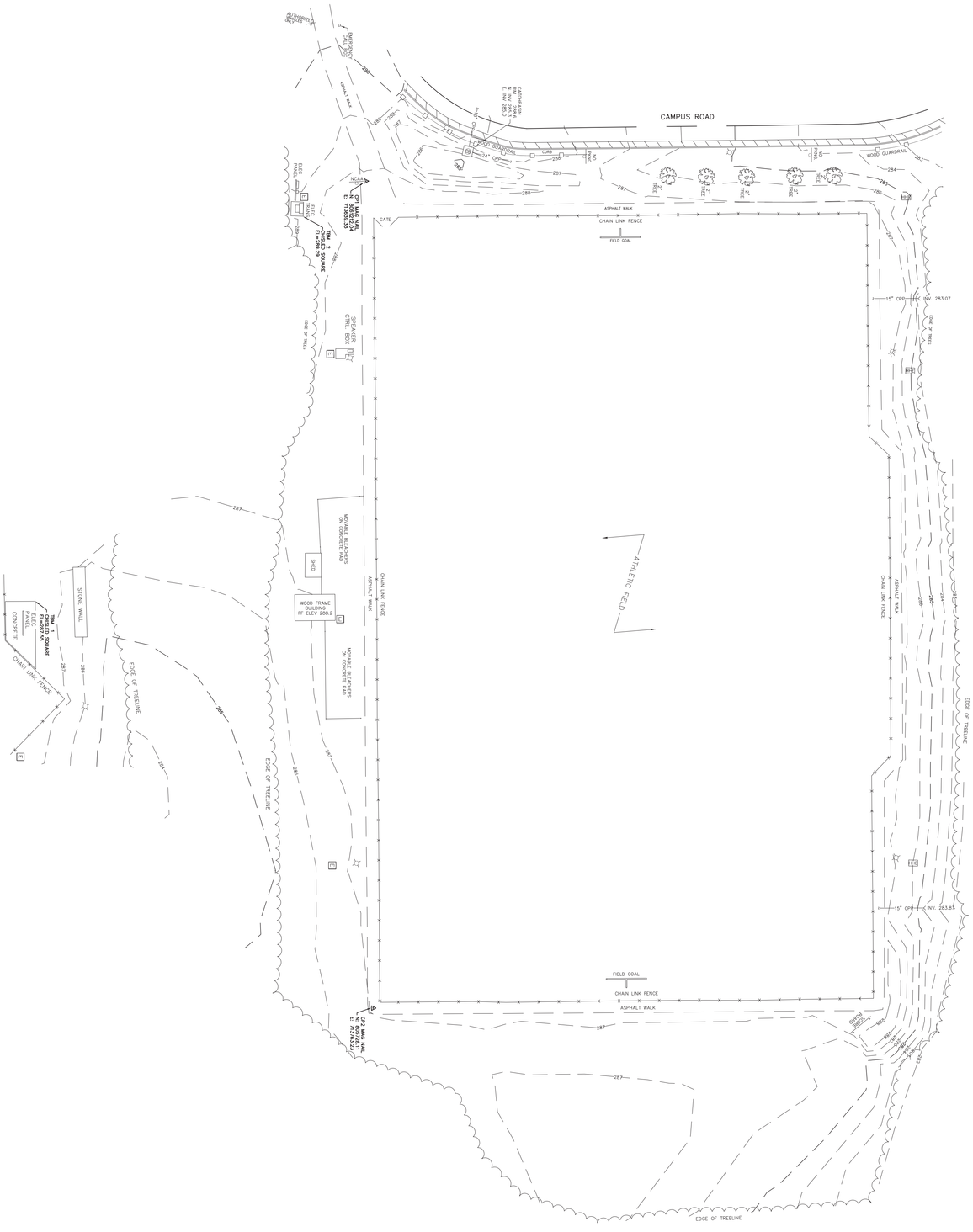
UNDERGROUND UTILITIES TO BE LOCATED BEFORE COMMENCING WORK CONTACT UNDERGROUND UTILITIES LOCATING SERVICE 1-800-258-4857

SURVEY DATUM
HORIZONTAL: NAD 83 NYS PLANE EASTERN ZONE
VERTICAL: NAVD 88
COORDINATES SHOWN ARE GRID

0 30 60 90

LEGEND:
- Light Pole
- Electric Manhole
- Electric Handhole
- Catchbasin Round/Square
- Sign
- Major Contour

GRID NORTH



SUNY PURCHASE ATHLETIC FIELD

735 ANDERSON HILL ROAD
PURCHASE, NY 10577

SHEET TITLE
TOPOGRAPHIC SURVEY

PROJECT IDENTIFICATION NO.		REVISION	DATE	BY
SHEET NUMBER TS1	DATE: 8/21/18			
	SCALE: 1" = 30'			
	DRAWN BY: CTJ			
	CHECKED BY: DJM			
	APPROVED:			

PATRIOT
DESIGN & CONSULTING
STILL SERVING
2041 CLINTON AVENUE SOUTH ★ ROCHESTER, NY 14618
(585) 448 - 0686 (585) 448 - 0687 FAX

GENERAL NOTES:

1. ALL SITE PLANS WERE PREPARED USING SURVEY INFORMATION OBTAINED FROM _____ LAND SURVEYING, P.C. DATED _____ AND TITLED "TOPOGRAPHIC SURVEY" PREPARED FOR PURCHASE COLLEGE. ALL SURVEY DATA USED TO PREPARE THE SITE PLANS HAVE BEEN PROVIDED IN THIS SET FOR REFERENCE. SURVEY INTERPRETATIONS MADE BY THE CONTRACTOR ARE NOT THE RESPONSIBILITY OF THE OWNER, OR THE LA GROUP, PC. CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BETWEEN SURVEY AND EXISTING CONDITIONS PRIOR TO THE START OF CONSTRUCTION. HORIZONTAL AND VERTICAL DATUM IS AS NOTED ON PROJECT SURVEY.
2. THE CONTRACTOR SHALL ESTABLISH PERMANENT BENCH MARKS. MAINTAIN ALL ESTABLISHED BOUNDS AND BENCH MARKS AND REPLACE AS DIRECTED ANY WHICH ARE DISTURBED OR DESTROYED.
3. CONTRACTORS SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN FIELD PRIOR TO COMMENCEMENT OF WORK AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY.
4. CONTRACT LIMIT LINE IS TEN FEET OUTSIDE THE LIMITS OF DISTURBANCE UNLESS NOTED OTHERWISE.
5. NO ATTEMPT HAS BEEN MADE TO SHOW ALL UNDERGROUND UTILITIES ON THESE DRAWINGS. DIG SAFELY NEW YORK AND LOCAL UTILITY COMPANIES AND AUTHORITIES SHOULD BE CONTACTED TO VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO TRENCHING OR EXCAVATION OPERATIONS. ANY COSTS INCURRED BY THE CONTRACTOR DUE TO FAILURE TO CONTACT THE PROPER AUTHORITIES SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR.
6. SEE SPECIFICATION SECTION 023000 - SUBSURFACE INVESTIGATIONS FOR BORING LOCATIONS AND GEOTECHNICAL INFORMATION.
7. CONTRACTOR SHALL PROVIDE CONSTRUCTION AND PROTECTIVE FENCING OR OTHER MEANS NECESSARY TO PROTECT WORK AND TO ENSURE SAFETY OF PEDESTRIAN AND VEHICULAR TRAFFIC DURING CONSTRUCTION.
8. CONTRACTOR SHALL EMPLOY SPECIAL CARE IN SCHEDULING CONSTRUCTION SO AS TO MAINTAIN EXISTING VEHICULAR TRAFFIC PATTERNS, AND MINIMIZE DISRUPTION TO SURROUNDING PEDESTRIAN TRAFFIC. CONTRACTOR SHALL EMPLOY SPECIAL CARE TO PROTECT SAFETY OF PEDESTRIANS INSIDE AND OUTSIDE OF THE LIMIT OF WORK LINE.
9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL REQUIRED PERMITS FROM ALL JURISDICTIONS AFFECTED BY THIS WORK ARE IN PLACE PRIOR TO CONSTRUCTION. FOR PERMITS ALREADY ISSUED, CONTRACTOR SHALL OBTAIN COPIES OF PERMITS AND STRICTLY ADHERE TO PERMIT CONDITIONS. PERMITS THAT ARE OUTSTANDING SHALL BE SECURED BY THE CONTRACTOR AND COORDINATED WITH THE OWNER'S REPRESENTATIVE.
10. INSTALL SOIL AND EROSION CONTROL FACILITIES PRIOR TO START OF EARTHWORK OPERATIONS PER LOCAL GOVERNING SOIL AND WATER CONSERVATION AGENCY RECOMMENDATIONS AND STANDARDS.
11. ALL ALTERATIONS TO THESE DRAWINGS MADE IN THE FIELD DURING CONSTRUCTION SHALL BE RECORDED BY THE CONTRACTOR ON "AS-BUILT DRAWINGS," AS SPECIFIED.
12. STORAGE AREAS FOR THE GENERAL CONTRACTOR'S EQUIPMENT AND MATERIALS SHALL BE LOCATED WITHIN THE LIMITS OF WORK AS SHOWN ON THE PLANS OR AS APPROVED BY THE OWNER'S REPRESENTATIVE.
13. SHOULD ANYTHING BE OMITTED FROM THE PLANS WHICH IS NECESSARY FOR A COMPLETE UNDERSTANDING OF THE WORK, OR SHALL ANY ERROR APPEAR IN THE VARIOUS INSTRUMENTS FURNISHED OR IN THE WORK BY OTHER CONTRACTORS AFFECTING THE WORK COVERED HEREBY, THE CONTRACTOR SHALL AND WILL PROMPTLY NOTIFY THE OWNER'S REPRESENTATIVE, AND IN THE EVENT OF THE CONTRACTOR'S FAILURE TO DO SO, HE SHALL AND WILL MAKE GOOD OF ANY DAMAGE OR DEFECT IN HIS WORK CAUSED THEREBY.
14. CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF ALL EXISTING INFRASTRUCTURE FOR THE DURATION OF CONSTRUCTION. CONTRACTOR SHALL PROTECT AND SUSTAIN IN NORMAL SERVICE ALL EXISTING UTILITIES, STRUCTURES, EQUIPMENT, ROADWAYS AND DRIVEWAYS.
15. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE HIS EFFORTS OF DEMOLITION, REMOVALS AND OR RELOCATION WORK WITH ALL TRADES, IF APPLICABLE. CONSULT ALL DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BEFORE COMMENCING CONSTRUCTION.
16. CONTRACTOR TO COMPLY WITH ALL OSHA AND OTHER STATE AND LOCAL SAFETY REQUIREMENTS DURING CONSTRUCTION.
17. CONTRACTOR SHALL MAINTAIN PROPER SIGNS, BARRICADES, FENCES, TO PROPERLY PROTECT THE WORK, EQUIPMENT, PERSONS AND PROPERTY FROM DAMAGE. ALL DAILY TRAFFIC IN THE VICINITY OF THE SITE SHALL NOT BE IMPEDED.

0 200' 400'

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Prepared for:

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Purchase College
Purchase, New York 10577

PURCHASE COLLEGE
STATE UNIVERSITY OF NEW YORK

Project Title:

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Purchase College
Purchase ,New York 10577

Purchase College Athletic Field Complex- Multi-Field Synthetic Turf Replacement

Project No.:			SU-111618
Design:			SSH
Drawn:	SLC	Ch'k'd:	SSH
Date:	January 17, 2019	Scale:	1"=200'

Rev:	Description:	Date:

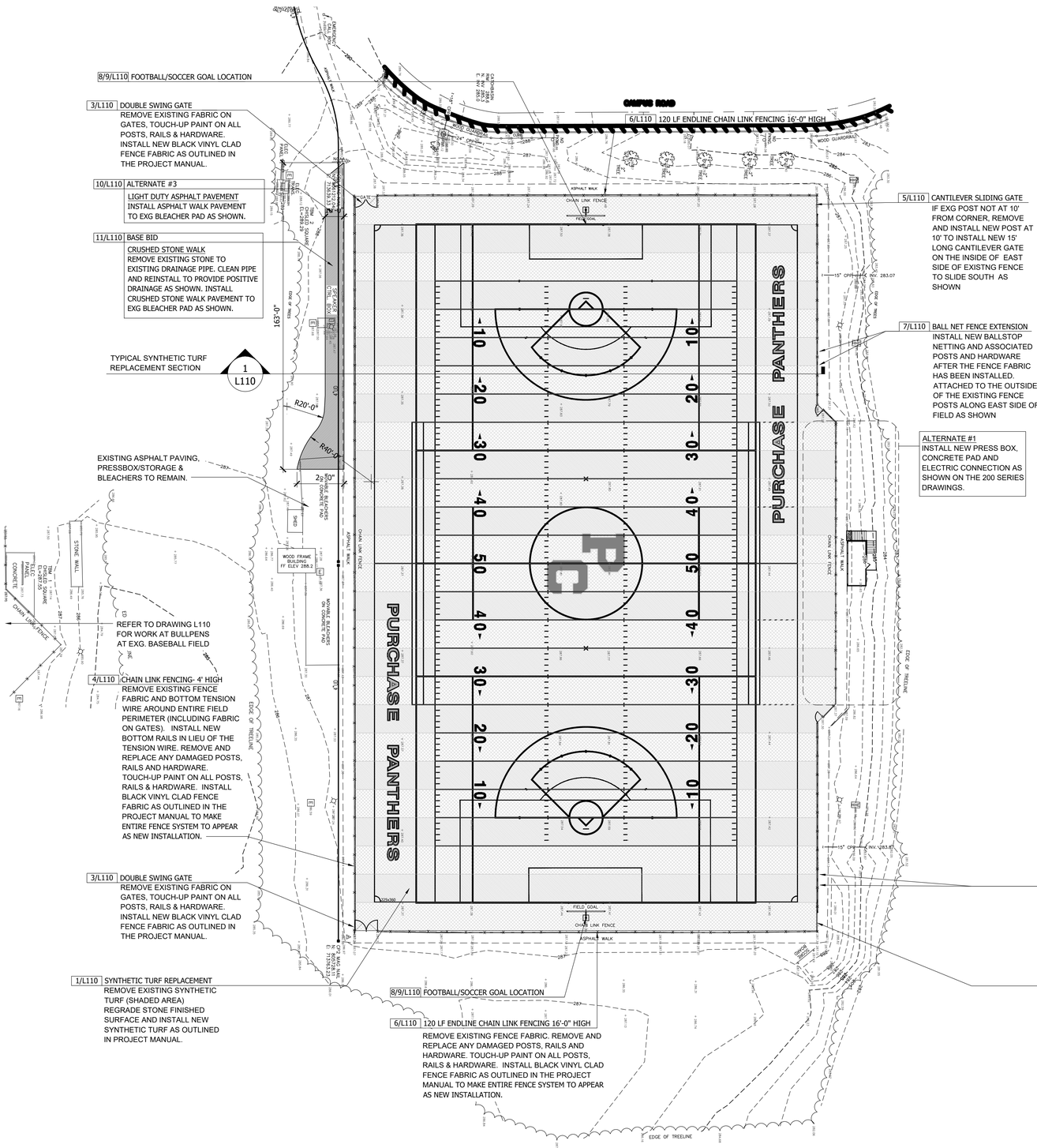
Drawing Title

SITE KEY PLAN

Drawing No.

L100

Plotted By: SUSAN CHAMBERS
Save Date: 8/23/2018 10:05 AM
File Name: G:\Proj\2017\2017120_SUNY_Purchase_Softball_Field\2017120CAD\2017120 L100 KEY.dwg



DEMOLITION DRAWING NOTES:

1. REFER TO PROJECT MANUAL SECTION 024113 - SELECTIVE SITE DEMOLITION FOR ADDITIONAL INFORMATION.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE OWNER'S REPRESENTATIVE ON ALL MATERIALS TO BE REMOVED AND RECYCLED/DISPOSED OF OFF SITE. ALL HANDLING OF MATERIALS TO BE REMOVED, RECYCLED, OR DISPOSED OF MUST BE DONE SO IN A SAFE, LEGAL MANNER, IN ACCORDANCE WITH ALL LOCAL, COUNTY, STATE, FEDERAL AND ANY OTHER APPLICABLE REGULATIONS.
3. ALL ITEMS REQUIRING REMOVAL SHALL BE REMOVED TO FULL DEPTH TO INCLUDE BASE MATERIAL AND FOOTINGS OR FOUNDATIONS AS APPLICABLE UNLESS OTHERWISE NOTED.
4. EXISTING ITEMS INDICATED TO BE SALVAGED OR STOCKPILED SHALL BE CAREFULLY REMOVED AND STORED AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
5. TREE, SHRUB AND VEGETATION REMOVAL SHALL INCLUDE THE FILLING, CUTTING, GRUBBING OUT OF ENTIRE ROOT SYSTEM AND SATISFACTORY OFF-SITE DISPOSAL OF ALL TREES, SHRUBS, STUMPS, VEGETATIVE AND EXTRANEOUS DEBRIS PRODUCED THROUGH THE REMOVAL OPERATIONS. FELL TREES IN SUCH A WAY AS TO NOT DAMAGE ADJACENT BUILDINGS OR OTHER TREES TO BE SAVED.
6. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE INSIDE AND OUTSIDE THE LIMIT OF WORK DUE TO THEIR CONTRACT OPERATIONS.
7. CONTRACTOR SHALL PROTECT AND SUSTAIN IN NORMAL SERVICE ALL EXISTING UTILITIES, STRUCTURES, EQUIPMENT, ROADWAYS AND DRIVEWAYS.
8. CONTRACTOR SHALL MAINTAIN NECESSARY TRAFFIC CONTROL DEVICES, DRUMS, DELINEATORS, SIGNS, FENCES, AND BARRICADES IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL MUTCD WITH NYS SUPPLEMENT TO PROPERLY PROTECT WORK, EQUIPMENT, PERSONS, AND PROPERTY FROM DAMAGE.
9. BEFORE ANY CLEARING IS DONE, THE CONTRACTOR SHALL ARRANGE A CONFERENCE ON THE SITE WITH THE LANDSCAPE ARCHITECT TO IDENTIFY TREES WHICH ARE TO BE PROTECTED OR REMOVED. DO NO START CLEARING WITHOUT A THOROUGH UNDERSTANDING OF EXISTING CONDITIONS TO BE PRESERVED.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES AND PLANTS DESIGNATED TO REMAIN FOR THE LENGTH OF THE CONSTRUCTION PERIOD AND SHALL, AT A MINIMUM, INSTALL TREE PROTECTION FENCE IN ACCORDANCE WITH PROJECT PLANS, DETAILS AND SPECIFICATIONS. VEHICLES SHALL NOT BE PARKED WITHIN THE DRIP LINE OR WHERE DAMAGE MAY RESULT TO TREES TO BE SAVED, AND CONSTRUCTION MATERIALS SHALL NOT BE STORED BENEATH TREES TO BE SAVED.
11. THE CONTRACTOR SHALL REVIEW THE LOCATIONS OF THE TREE PROTECTION FENCING FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO INITIATION OF SITE WORK OPERATIONS.
12. AT ALL LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH AND SHARP EDGE AND PROTECTED UNTIL ABUTTING MATERIALS ARE INSTALLED.

LAYOUT PLAN GENERAL NOTES:

1. REFER TO DRAWING L100 FOR ADDITIONAL GENERAL NOTE INFORMATION.
2. ALL LINE AND GRADE INFORMATION SHALL BE LAID OUT BY A NEW YORK STATE REGISTERED SURVEYOR ENGAGED BY THE CONTRACTOR.
3. ALL NEW WORK SHALL BE STAKED OUT PRIOR TO CONSTRUCTION. THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED OF ANY DISCREPANCIES. FIELD ADJUSTMENTS MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
4. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE NOTED.
5. DIMENSIONS TO CURBS ARE FROM FACE OR BOTTOM OF CURB TO FACE OR BOTTOM OF CURB.
6. FIELD ADJUSTMENTS MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE AND IF NECESSARY APPROPRIATE MUNICIPAL OFFICIALS.
7. ALL LAYOUTS FOR WALKS AND PATHS SHALL BE ADEQUATELY STAKED BY THE CONTRACTOR AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
8. ALL PROPOSED WALKS, PAVEMENTS, LIGHTS AND SITE IMPROVEMENTS SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
9. CONTRACTOR SHALL COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (WALLS, FENCE, FOOTINGS, TREE ROOTBALLS, PROPOSED LIGHTING FOOTINGS, ETC.). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO OWNER'S REPRESENTATIVE PRIOR TO CONTINUING WORK.
10. ALL EXISTING UTILITIES ARE SHOWN IN THEIR RELATIVE POSITION. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE VERTICAL & HORIZONTAL POSITION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

UTILITY NOTES:

1. NO ATTEMPT HAS BEEN MADE TO SHOW ALL UNDERGROUND UTILITIES ON THESE DRAWINGS. DIG SAFELY NEW YORK AND LOCAL UTILITY COMPANIES AND AUTHORITIES SHOULD BE CONTACTED TO VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO TRENCHING OR EXCAVATION OPERATIONS. ANY COSTS INCURRED BY THE CONTRACTOR DUE TO FAILURE TO CONTACT THE PROPER AUTHORITIES SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR.
2. THE LOCATIONS OF ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (WALLS, FENCE, FOOTINGS, TREE ROOTBALLS, PROPOSED LIGHTING FOOTINGS, ETC.). EXCAVATION REQUIRED WITHIN PROXIMITY OF UTILITY LINES SHALL BE DONE BY HAND. ANY DAMAGE AND INCURRED COSTS DUE TO FAILURE OF THE CONTRACTOR TO CONTACT THE PROPER AUTHORITIES SHALL BE BORNE BY THE CONTRACTOR.
3. CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF ALL EXISTING INFRASTRUCTURE FOR THE DURATION OF CONSTRUCTION. CONTRACTOR SHALL PROTECT AND SUSTAIN IN NORMAL SERVICE ALL EXISTING UTILITIES, STRUCTURES, EQUIPMENT, ROADWAYS AND DRIVEWAYS.

GRADING NOTES:

1. EXISTING BASE INFORMATION DERIVED FROM FIELD SURVEY DATED 8/21/18 PERFORMED BY PATRIOT DESIGN & CONSULTING.
2. CONTRACTOR SHALL ESTABLISH PERMANENT SECONDARY BENCHMARKS PRIOR TO THE START OF CONSTRUCTION. ALL SECONDARY BENCHMARKS SHALL BE SO LOCATED THAT THEY WILL NOT BE DISTURBED BY CONSTRUCTION.
3. FOR INFORMATION REGARDING SUBSURFACE CONDITIONS AT TEST BORING LOCATIONS, SEE PROJECT MANUAL SECTION: 02 30 00- SUBSURFACE INVESTIGATION.
4. ALL PROPOSED GRADES SHALL BE SET IN THE FIELD BY A NEW YORK STATE LICENSED LAND SURVEYOR.
5. PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MINIMUM SLOPE OF ONE-EIGHTH INCH (1/8") PER FOOT. MAXIMUM CROSSPITCH OF ALL SIDEWALKS IS 25. ANY DISCREPANCIES NOT ALLOWING THIS TO OCCUR SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE PRIOR TO CONTINUING WORK.
6. EXCAVATION REQUIRED WITHIN 3 FEET OF EXISTING UTILITY LINE SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO ADDITIONAL COST TO OWNER.
7. ALL AREAS REQUIRING FILL SHALL BE BROUGHT TO GRADE REQUIRED IN 6" MAXIMUM COMPACTED LIFTS. GENERAL FILL SHALL BE FREE OF DELETERIOUS MATERIAL, CONTAIN NO GRAVEL LARGER THAN 2", AND SHALL BE COMPACTED IN AN APPROVED MANNER.
8. GRADE AREAS ADJACENT TO BUILDING LINES TO DRAIN AWAY FROM STRUCTURE AND PREVENT PONDING. FINISH SURFACES SHALL BE FREE FROM IRREGULAR SURFACE CHANGES.
9. EXCAVATION REQUIRED WITHIN DRIP LINE OF TREES DESIGNATED TO REMAIN SHALL BE DONE BY HAND. PLANT MATERIALS DAMAGED BY CONTRACTOR SHALL BE REPLACED IN KIND.
10. SLOPE SIDES OF EXCAVATIONS TO COMPLY WITH LOCAL CODES AND ORDINANCES HAVING JURISDICTION AND OSHA REGULATIONS. MAINTAIN SIDE SLOPES OF EXCAVATIONS IN A SAFE CONDITION UNTIL COMPLETION OF BACKFILLING.
11. THE GENERAL CONTRACTOR SHALL MAINTAIN OR ADJUST TO NEW FINISH GRADE AS NECESSARY ALL UTILITY AND SITE STRUCTURES SUCH AS LIGHT POLES, SIGN POLES, MANHOLES, CATCH BASINS, HAND HOLES, WATER AND GAS GATES, HYDRANTS, ETC., FROM MAINTAINED UTILITY AND SITE SYSTEMS UNLESS OTHERWISE NOTED ON THE UTILITY DRAWINGS OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
12. CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDINGS AT ALL TOP AND BOTTOM OF SLOPES.
13. CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF THE EXISTING DRAINAGE SYSTEM AT ALL TIMES. DURING EARTHWORK OPERATIONS, DRAINAGE OF THE SITE AND ADJACENT AREAS SHALL BE MAINTAINED CONTINUOUSLY TO PREVENT EROSION OR DAMAGE RESULTING FROM CONCENTRATED RUN-OFF. WHEN IT IS NECESSARY TO INTERRUPT THE EXISTING DRAINAGE PATTERNS AND/OR UTILITIES, PROVIDE TEMPORARY FACILITIES UNTIL WORK IS PERMANENTLY STABILIZED AND APPROVED BY OWNER'S REPRESENTATIVE.
14. TOPSOIL SHALL BE STRIPPED FROM "CUT AREAS" TO FULL DEPTH AND STOCKPILED AT LOCATIONS AGREED UPON AT PRECONSTRUCTION MEETING, MECHANICALLY SCREENED, THEN REDISTRIBUTED DURING FINAL GRADING OPERATIONS.
15. ALL ON SITE TOPSOIL SHALL BE MECHANICALLY SCREENED BEFORE USE. REFER TO PROJECT MANUAL SECTION 31 20 00 - EARTH MOVING FOR ADDITIONAL INFORMATION.
16. SPREAD ALL TOPSOIL FROM STRIPPING OPERATION TO A MINIMUM DEPTH OF 6" OVER ALL AREAS OF SITE WHERE EARTH HAS BEEN EXPOSED BY EXCAVATING, CUTTING, FILLING OR GRADING EXCEPT WHERE ASPHALT OR CONCRETE PAVING IS REQUIRED.
17. AFTER FINE GRADING IS COMPLETED, INFORM OWNER AND A/E SO THAT AN INSPECTION OF THE FINE GRADING CAN TAKE PLACE BEFORE SEEDING IS BEGUN.
18. THE CONTRACTOR SHALL FIELD VERIFY EXISTING TOPOGRAPHY PRIOR TO COMMENCEMENT OF EARTHWORK OPERATION. ANY ELEVATIONAL DISCREPANCIES WHICH WILL AFFECT THE WORK REQUIRED AS PART OF THE CONTRACT DOCUMENTS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT. COMMENCEMENT OF WORK WITHOUT THIS WRITTEN NOTIFICATION SHALL CONSTITUTE CONTRACTOR ACCEPTANCE OF THE EXISTING TOPOGRAPHY INDICATED ON THE DRAWINGS AS ACCURATE. NO ADJUSTMENTS TO THE CONTRACT WILL BE MADE FOR THE DISCREPANCIES BROUGHT TO THE OWNER'S ATTENTION AFTER WORK HAS BEGUN.

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Prepared for:

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PURCHASE COLLEGE
STATE UNIVERSITY OF NEW YORK

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Project No.:			SU-111618
Design:			SSH
Drawn:	SLC	Ch'k'd:	SSH
Date:	January 17, 2019	Scale:	1"=30'

Rev:	Description:	Date:

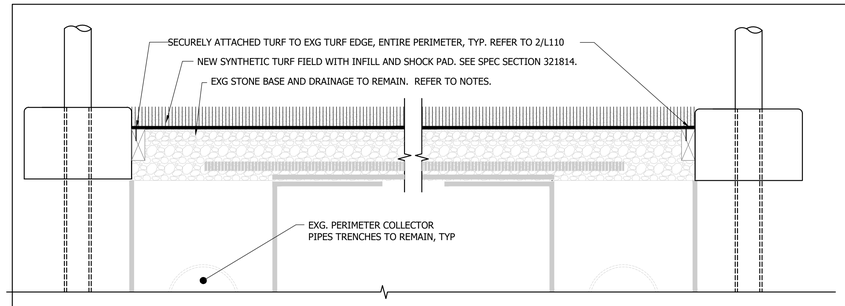
Drawing Title

SITE DEMOLITION, LAYOUT PLAN AND GRADING PLAN

Drawing No.

L101

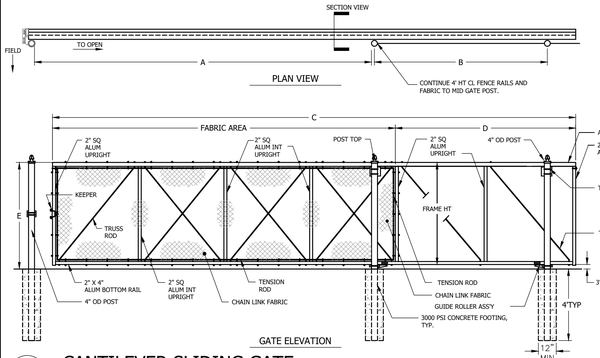
Plotted By: SUSAN CHAMBERS
Save Date: 1/16/2019 11:57 AM
File Name: G:\Proj-Act\17001\700_SUNY_Purchase_Softball_Field\2017130\CAD\2017130_L101-PLAN.dwg



NOTES:
1. REMOVE ENTIRELY & LEGALLY DISPOSE OF EXG. SYNTHETIC TURF AND INFILL. ALL STONE BASE, COLLECTOR PIPES, CLEANOUTS & DRAINAGE STRUCTURES UNDER FIELD SHALL REMAIN PROTECTED.
2. FINE GRADE EXG. FINISH STONE AFTER REMOVALS. MAINTAIN EXG. SLOPE & PLANARITY OF FIELD.
3. PROVIDE INFILTRATION AS FOLLOWS:
   A. CONTRACTOR SHALL RETAIN THE SERVICES OF AN INDEPENDENT TESTING LAB TO OBTAIN INFILTRATION TESTING ON A 25' GRID OVER THE INSTALLED STONE.
   B. NOTIFY OWNER & ARCHITECT OF THE RESULTS PRIOR TO TURF INSTALLATION.

1 TYPICAL SYNTHETIC TURF REPLACEMENT SECTION

Scale: 1/2"-1'-0"

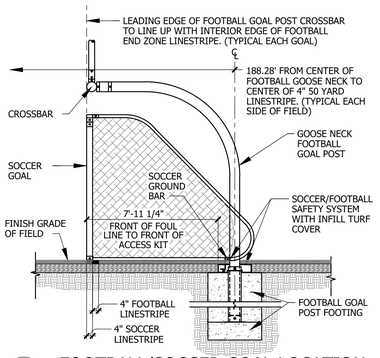


CRITICAL DIMENSION CHART		
MARK	DESCRIPTION	FORMULA
A	10' CLEAR OPENING	A
B	COUNTERBALANCE POST SPACING O.C.	(A/2)+11'
C	OVERALL GATE LENGTH	A x 1.5
D	COUNTERBALANCE LENGTH	A x 0.5
E	4'-0" NOMINAL GATE HEIGHT	E

NOTES:
1. GATE SHALL SLIDE ALONG OUTSIDE OF FIELD.
2. REFER TO SITE PLAN TO CALCULATE FENCE DIMENSIONS.

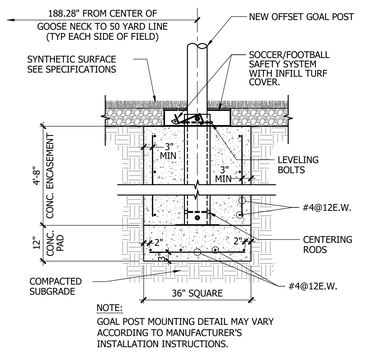
5 CANTILEVER SLIDING GATE

Scale: NTS



8 FOOTBALL/SOCCER GOAL LOCATION

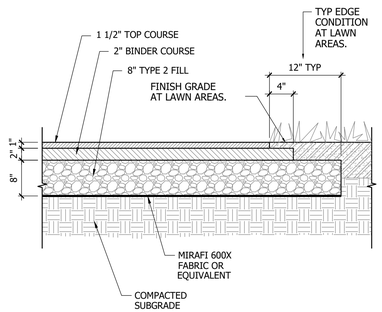
Scale: N.T.S.



NOTE:
GOAL POST MOUNTING DETAIL MAY VARY ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.

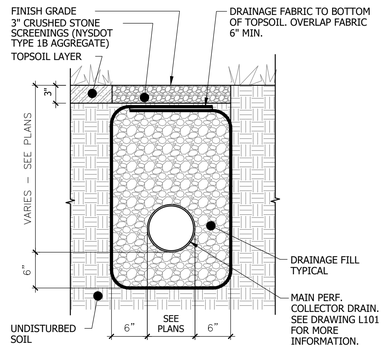
9 FOOTBALL GOAL POST FOOTING DETAIL

Scale: 1/2"=1'-0"



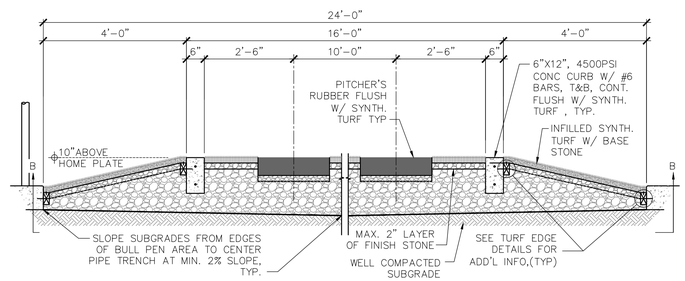
10 LIGHT DUTY ASPHALT PAVEMENT

Scale: N.T.S.

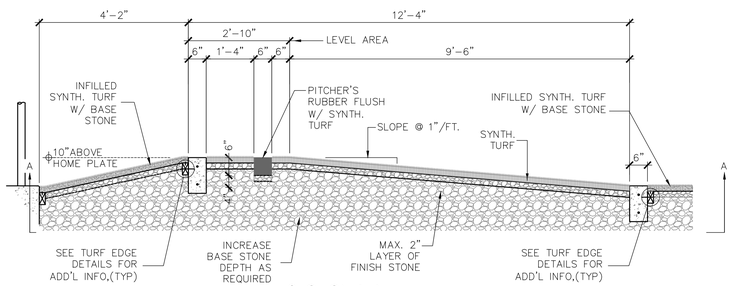


11 UNDERDRAIN IN WALK W/ STONE TO GRADE

Scale: N.T.S.

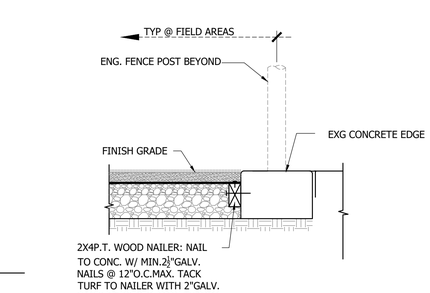


SECTION A-'A'



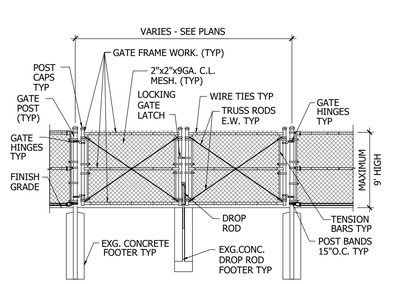
SECTION B-'B'

12



2 TYPICAL SYNTHETIC TURF EDGE

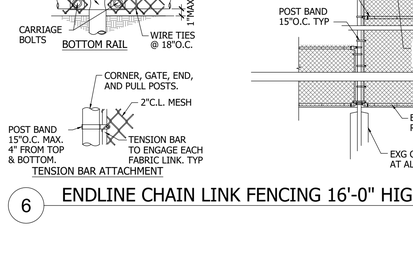
Scale: N.T.S.

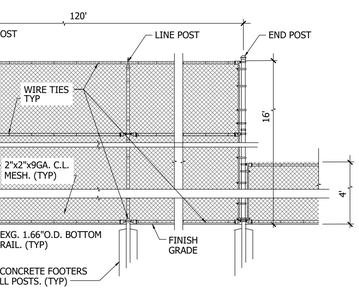


NOTE:
REMOVE EXISTING FENCE FABRIC AROUND ENTIRE FIELD PERIMETER (INCLUDING FABRIC ON GATES) , TOUCH-UP PAINT ON ALL POSTS, RAILS & HARDWARE. INSTALL NEW BLACK VINYL CLAD FENCE FABRIC AS OUTLINED IN THE PROJECT MANUAL.

3 DOUBLE SWING GATE

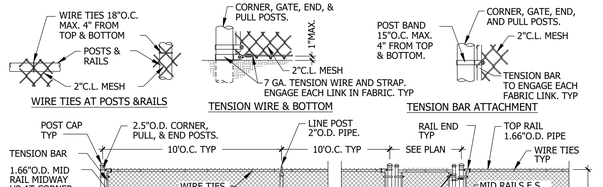
Scale: N.T.S.

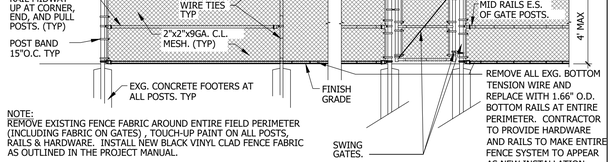




6 ENDLINE CHAIN LINK FENCING 16'-0" HIGH

Scale: N.T.S.

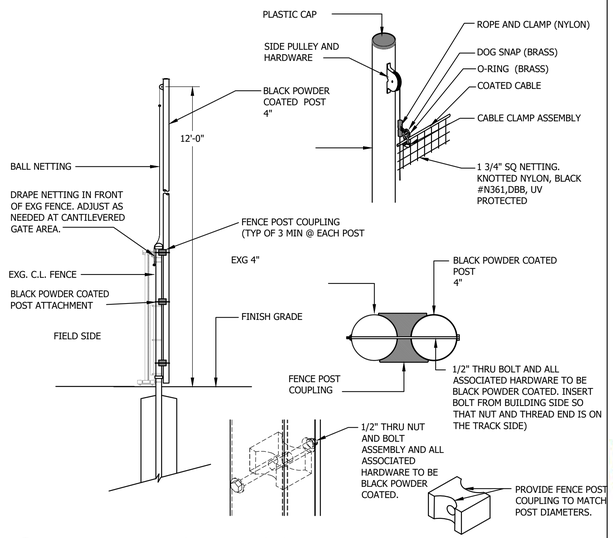




NOTE:
REMOVE EXISTING FENCE FABRIC AROUND ENTIRE FIELD PERIMETER (INCLUDING FABRIC ON GATES) , TOUCH-UP PAINT ON ALL POSTS, RAILS & HARDWARE. INSTALL NEW BLACK VINYL CLAD FENCE FABRIC AS OUTLINED IN THE PROJECT MANUAL.

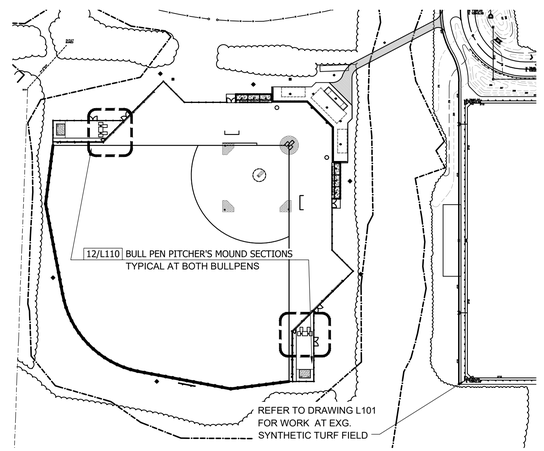
4 CHAIN LINK FENCING - 4'-0" HIGH

Scale: N.T.S.



7 BALL NET FENCE EXTENSION

Scale: N.T.S.



13 BASEBALL FIELD

Scale: 1"=100'

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Purchase, New York 10577

PURCHASE COLLEGE
STATE UNIVERSITY OF NEW YORK

Project Title:

State University of New York
Purchase College
Purchase ,New York 10577

Purchase College Athletic Field Complex- Multi-Field Synthetic Turf Replacement

Project No.:			SU-111618
Design:			SSH
Drawn:	SLC	Ch'k'd:	SSH
Date:	January 17, 2019	Scale:	as shown

Rev:	Description:	Date:

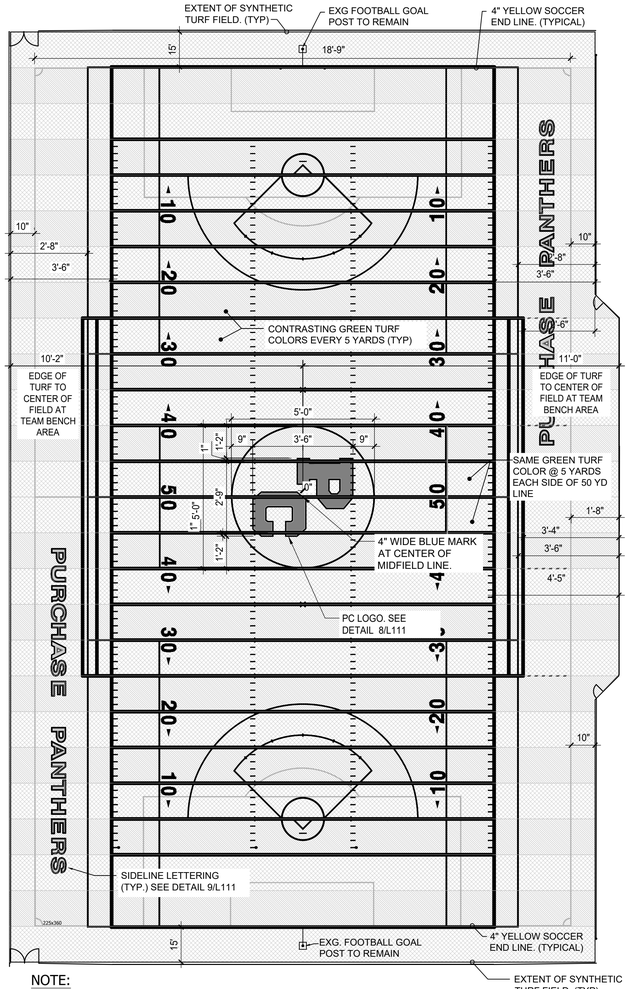
Drawing Title

SITE DETAILS

Drawing No.

L110

Plotted By: SUSAN CUMMERS
Save Date: 1/16/2019 9:23 AM
File Name: G:\Proj\2017\2017150_SUNY_Purchase_Softball_Field\2017150CAD\2017150_L110_DTL5.dwg



NOTE:

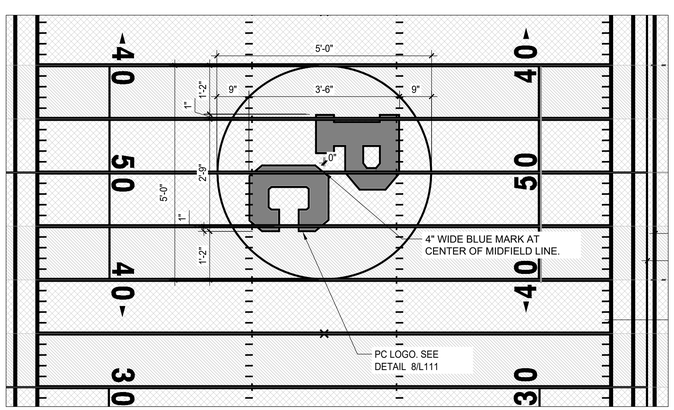
1. REFER TO SPEC. SECTION AND DETAIL / FOR ADDITIONAL LINESTRIPING INFORMATION. CENTER LOGO SHALL NOT INTERFERE WITH THE ATHLETIC FIELD LINESTRIPING.
2. SEE ATHLETIC FIELD LAYOUT DETAILS ON THIS DRAWING FOR ADDT. INFO.

LINESTRIPING KEY

FOOTBALL LINES - (WHITE TUFTED AND INLAYED LINES). SEE DETAIL 2/L111 FOR DIMENSIONS
SOCCER LINES - (YELLOW TUFTED AND INLAYED LINES). SEE DETAIL 3/ L111 FOR DIMENSIONS
UNIFIED LACROSSE LINES - (RED TUFTED AND INLAYED LINES). SEE DETAIL 4/L111 FOR DIMENSIONS

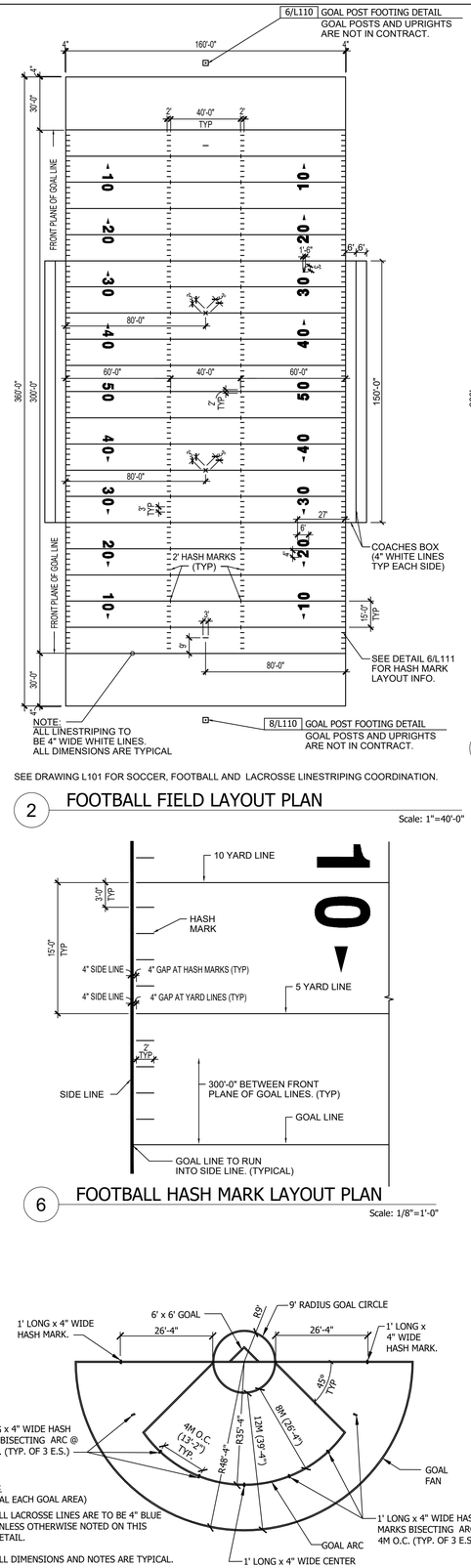
1 SYNTHETIC TURF LINESTRIPING PLAN

Scale: 1"=30'-0"



5 LINESTRIPING DETAIL AT CENTER OF FIELD

Scale: 1"=20'-0"



SEE DRAWING L101 FOR SOCCER, FOOTBALL AND LACROSSE LINESTRIPING COORDINATION.

2 FOOTBALL FIELD LAYOUT PLAN

Scale: 1"=40'-0"

6 FOOTBALL HASH MARK LAYOUT PLAN

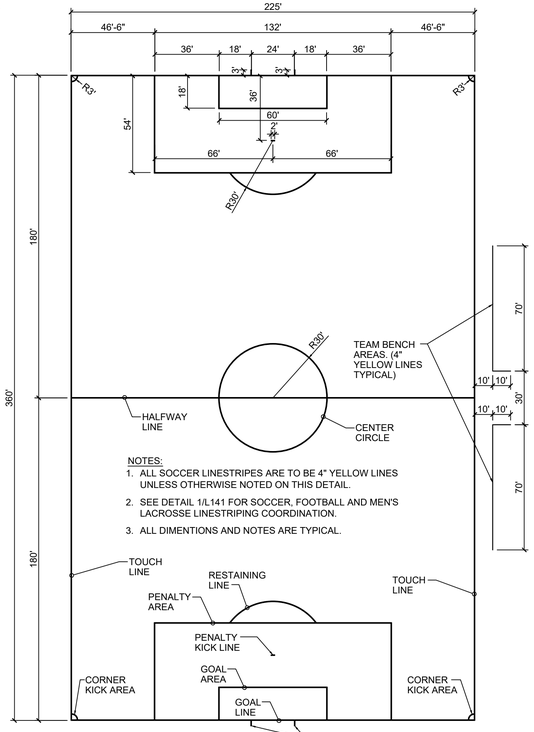
Scale: 1/8"=1'-0"

NOTES:
(TYPICAL EACH GOAL AREA)

1. ALL LACROSSE LINES ARE TO BE 4" BLUE UNLESS OTHERWISE NOTED ON THIS DETAIL.
2. ALL DIMENSIONS AND NOTES ARE TYPICAL.

7 UNIFIED LACROSSE GOAL AREA DETAIL

Scale: 1"=20'-0"



NOTES:

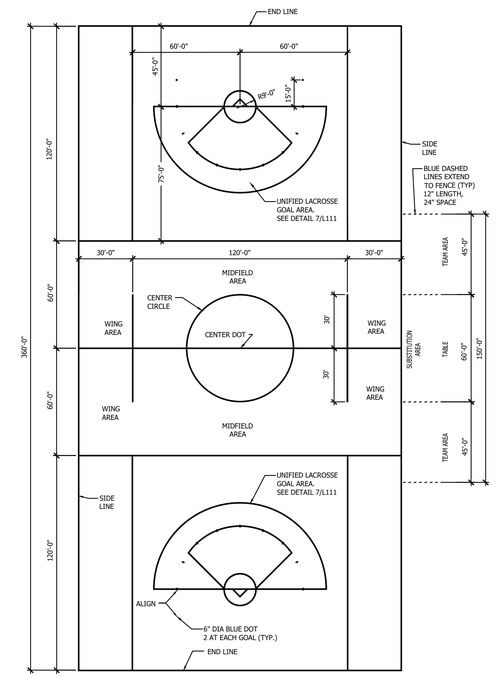
1. ALL SOCCER LINESTRIPES ARE TO BE 4" YELLOW LINES UNLESS OTHERWISE NOTED ON THIS DETAIL.
2. SEE DETAIL 1/L141 FOR SOCCER, FOOTBALL AND MEN'S LACROSSE LINESTRIPING COORDINATION.
3. ALL DIMENTIONS AND NOTES ARE TYPICAL.

3 SOCCER LAYOUT PLAN

Scale: 1"=40'-0"

NOTES:

1. ALL SOCCER LINESTRIPES ARE TO BE 4" YELLOW LINES UNLESS OTHERWISE NOTED .
2. SEE DRAWING L101 FOR SOCCER, FOOTBALL AND LACROSSE LINESTRIPING COORDINATION.
3. ALL DIMENSIONS AND NOTES ARE TYPICAL.

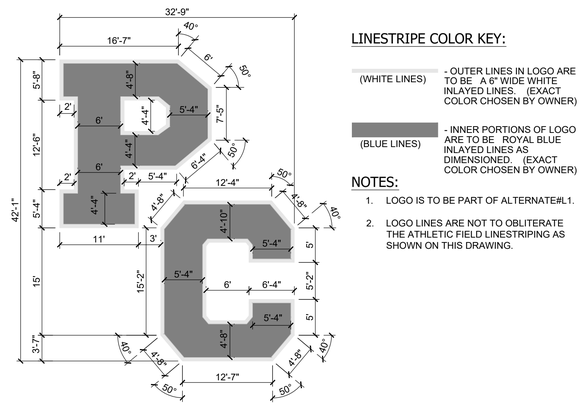


NOTES:

1. ALL LACROSSE LINES ARE TO BE 4" BLUE UNLESS OTHERWISE NOTED ON THIS DETAIL.
2. SEE DRAWING L101 FOR SOCCER, FOOTBALL AND LACROSSE LINESTRIPING COORDINATION.
2. ALL DIMENSIONS AND NOTES ARE TYPICAL.

4 UNIFIED LACROSSE LAYOUT PLAN

Scale: 1"=40'-0"



LINESTRIPE COLOR KEY:

(WHITE LINES) - OUTER LINES IN LOGO ARE TO BE A 6" WIDE WHITE INLAYED LINES. (EXACT COLOR CHOSEN BY OWNER)

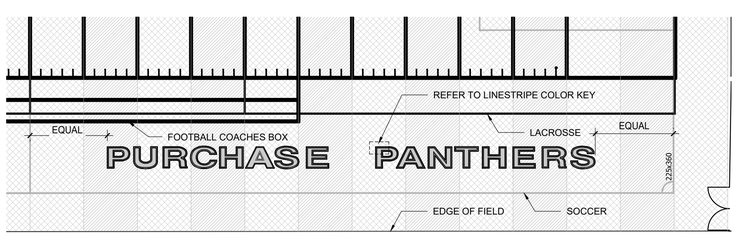
(BLUE LINES) - INNER PORTIONS OF LOGO ARE TO BE ROYAL BLUE INLAYED LINES AS DIMENSIONED. (EXACT COLOR CHOSEN BY OWNER)

NOTES:

1. LOGO IS TO BE PART OF ALTERNATE#L1.
2. LOGO LINES ARE NOT TO OBLITERATE THE ATHLETIC FIELD LINESTRIPING AS SHOWN ON THIS DRAWING.

8 LOGO AT CENTER FIELD

Scale: 1"=10'-0"



LINESTRIPE COLOR KEY:

-INNER LINES ARE TO BE 4" WIDE WHITE INLAYED LINES.
-THE BODY OF THE LETTERS TO BE ORANGE INLAYED LINES (EXACT COLOR CHOSEN BY OWNER)
- OUTLINES ARE TO BE 8" ROYAL BLUE INLAYED LINES (EXACT COLOR CHOSEN BY OWNER)

NOTES:

1. LETTERING IS TO BE PART OF ALTERNATE#L1.
2. LETTERING IS BASED ON TRUTYPE FONT SWIS721. EXACT FONT STYLE TO BE CHOSEN BY OWNER

9 LETTERING @ SIDELINES

Scale: 1"=20'-0"

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Purchase College
Purchase, New York 10577

PURCHASE COLLEGE
STATE UNIVERSITY OF NEW YORK

Project Title:

State University of New York
Purchase College
Purchase ,New York 10577

Purchase College Athletic Field Complex- Multi-Field Synthetic Turf Replacement

Project No.:			SU-111618
Design:			SSH
Drawn:	SLC	Ch'k'd:	SSH
Date:	January 17, 2019	Scale:	as shown

Rev:	Description:	Date:

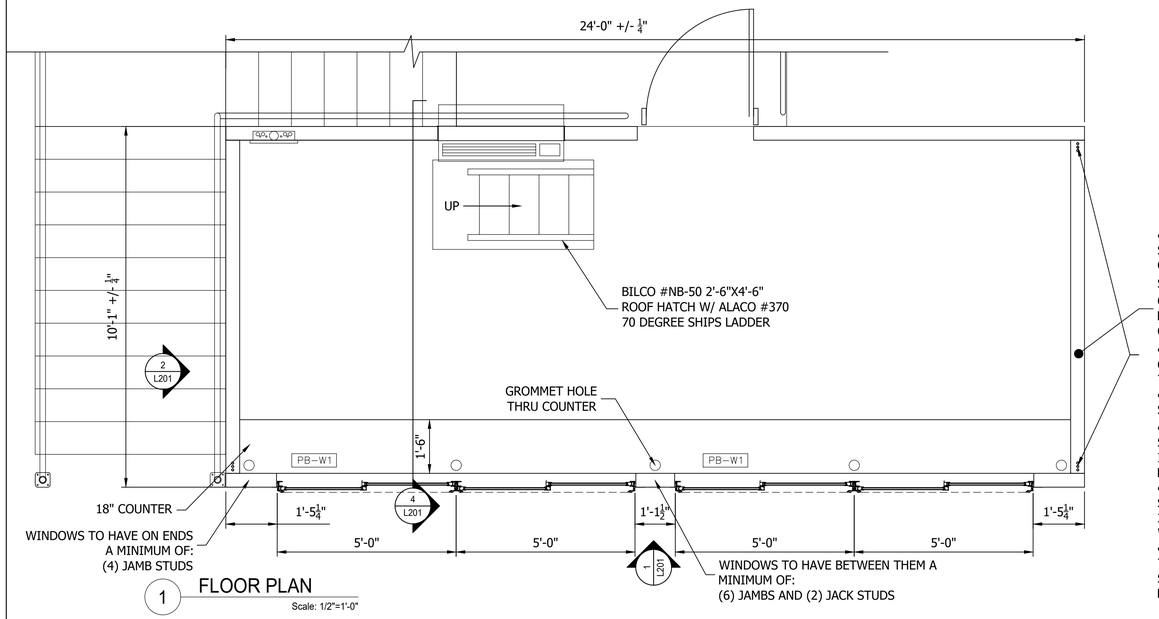
Drawing Title

SYNTHETIC TURF LINESTRIPING PLAN & DETAILS

Drawing No.

L111

Plotted By: SUSAN CHAMBERS
Save Date: 1/16/2019 9:09 AM
File Name: G:\Proj\2017\2017103_SUNY_Purchase_Softball_Field\2017103CAD\2017103-L111-LINESTRIP.dwg

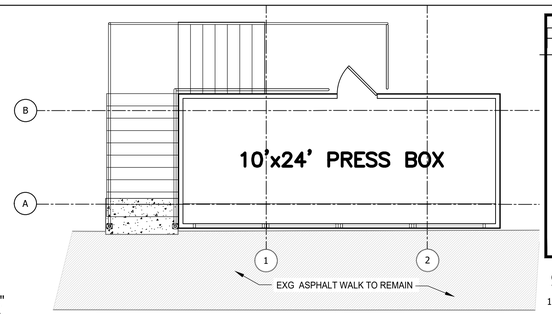


1 FLOOR PLAN

Scale: 1/2"=1'-0"

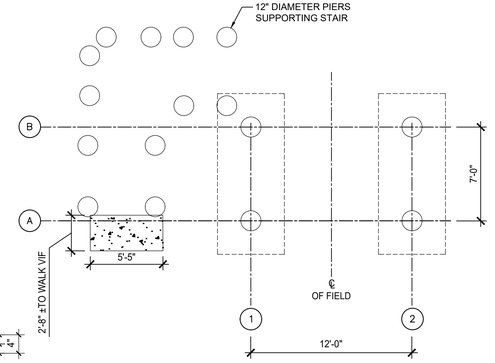
SHEARWALL SYSTEM

- 1/2" CDX PLYWOOD WALL SHEATHING GLUED WITH CONSTRUCTION ADHESIVE AND STAPLED WITH MINIMUM 16 GA. X 7/16" CROWN STAPLES WITH MINIMUM 1 1/2" PENETRATION, 6" O.C. FIELD AND 2" O.C. EDGES (SUPPORTED).
- (3) 3/8"X7" LAG BOLT EA. CORNER OF SHEAR WALL FLOOR RIM JOISTS. TYP. BOTH ENDS.
- DOUBLE STUDS EACH END OF SHEAR WALL.
- TOE SCREW (3) #10X3 1/2" WOOD SCREWS THROUGH EACH STUD AND INTO THE FULL DEPTH OF THE BOTTOM PLATE.
- SITE WORK-CONNECTION TO SITE STRUCTURE SHALL RESIST 3000# UPLIFT FORCE @ EACH SHEAR WALL END.
- PROVIDE (2) SIMPSON LSTA15 TO CONNECT SHEAR WALL END STUDS TO FLOOR RAILS AND FLOOR BLOCKING.



2 PRESSBOX PLAN

Scale: 3/16"=1'-0"



3 FOUNDATION PLAN

Scale: 3/16"=1'-0"

NOTES:

1. THE ELEVATION OF THE TOP OF THE CONCRETE PIER IS DESIGNED TO BE 1 1/2" BELOW THE STEEL BEARING ELEVATION. TOLERANCES FOR THE TOP OF CONCRETE PIER SHALL BE +/- 1/8". THE CONCRETE INSTALLER IS RESPONSIBLE FOR NON-SHRINK GROUTING.

   THE TOP OF CONCRETE MAY BE RAISED TO MATCH THE STEEL BEARING ELEVATION AT THE INSTALLER'S DISCRETION. INSTALLER IS THEN RESPONSIBLE FOR ANY ADJUSTMENTS.

2. ALL COLUMN ANCHOR BOLTS MUST HAVE A 4" PROJECTION (+/- 1/8") ABOVE THE TOP OF PIER ELEVATION.

3. MAXIMUM HORIZONTAL TOLERANCE OF ANCHOR BOLT PLACEMENT SHALL BE 1/8".

4. ALL UNDERGROUND UTILITIES ARE TO BE LOCATED AND MARKED DURING REVIEW PROCESS PRIOR TO FOUNDATION EXCAVATION. DANT CORP. SHALL NOT BE RESPONSIBLE FOR DAMAGE TO UNDERGROUND UTILITIES.

5. REFERENCE GEOTECHNICAL REPORT FOR MINIMUM FOOTING DEPTH AND SOIL BEARING PRESSURE.

GENERAL STRUCTURAL INFORMATION

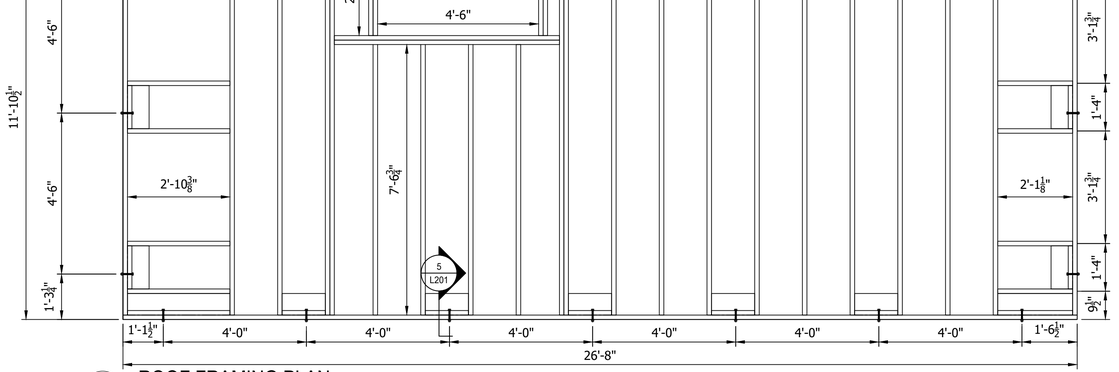
1. INTERIOR PARTITIONS TO BE CONSTRUCTED TO WITHSTAND A 5 PSF HORIZONTAL FORCE.
2. INTERIOR WALL BOARD SHALL BE 5/8" NOMINAL THICKNESS OR CONFORM TO SEC. 802.1. (TESTED W/ MATERIALS SUSPENDED FROM NON-COMBUSTABLE BACKING.)
3. ALL LUMBER TO BE GRADED AND MARKED.
4. COMPRESSION PLATE REQUIRED TO ENDURE WOOD TO WOOD CONTACT AT BEARING WALL TO ROOF JOINT CONNECTIONS.
5. DADOS AND NOTCHING NOT TO OCCUR IN THE CENTER 1/3 OF LENGTH OF WALL STUD.
6. EXTERIOR BRACING PROVIDED BY 1/2" CDX AND GLUED W/ APPROVED PVA GLUE AT ALL STUD TO END WALL CONNECTIONS.
7. APPROVED DATA PLATE AND STATE LABEL TO BE LOCATED ON MAIN ENTRANCE PANEL.
8. ON SITE STRUCTURE TO MEET THE FOLLOWING:
   -UPLIFT RATING FROM RIM JOIST TO SUPPORT AND RESIST 1550 LBS @6'-0" O.C.
   -RATING OF HORIZONTAL CONNECTION TO BE A MINIMUM OF 2040 LBS @ 6'-0" O.C.
   -BEARING SUPPORT OF THE UNDERSTRUCTURE TO HAVE MIN. CAPACITY OF 8000 LBS @ 6'-0" O.C.
9. ATTIC VENTILATION SHALL NOT BE LESS THAN 1 / 150 OF THE HORIZONTAL AREA TO BE VENTILATED.
10. THE BUILDING EXTERIOR AND ALL FACILITIES WITHIN THE BUILDING SHALL BE IDENTIFIED WITH THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR ON SITE BARRIER FREE PROVISIONS. BUILDING APPROACH SHALL HAVE A MINIMUM WIDTH OF 5' AND A GRADIENT OF NOT MORE THAN 1' IN 20'
12. ALL LOCKS TO BE UNLOCKABLE FROM THE INTERIOR WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.
13. CORROSION RESISTANT FLASHING AT TOP AND SIDES OF DOORS, WINDOWS AND AT ROOF PENETRATIONS.
14. ALL GLAZING WITHIN A 24" ARC OF VERTICAL DOOR EDGES IN THE CLOSED POSITION TO BE SAFETY GLAZED AND MARKED SO.
15. INTERIOR FINISH SHALL BE CLASS B OR BETTER.
16. THE MINIMUM SEPARATION OF THE UNIT FROM ANY PROPERTY LINE OR ASSUMED PROPERTY LINE IS 15'.
17. THIS BUILDING DOES NOT CONTAIN PLUMBING FACILITIES. PLUMBING FACILITIES SHALL BE PROVIDED ON-SITE SUBJECT TO THE LOCAL AUTHORITY HAVING JURISDICTION.
18. FIRE EXTINGUISHERS SUPPLIED & INSTALLED ON-SITE BY OTHERS APPROVED BY LOCAL JURISDICTION.

4 SECTION OF SLAB ON GRADE

Scale: N.T.S.

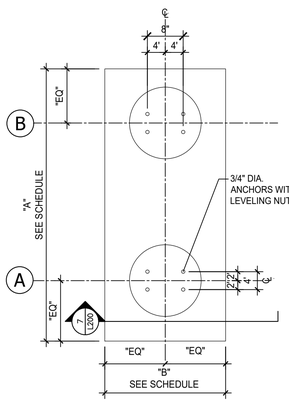
FOOTING SCHEDULE						PIER SCHEDULE				
MARK	SIZE "A"	SIZE "B"	SIZE "C"	SIZE "D"	BOTTOM REINF	SIZE	REINFORCING	# OF ANCHORS	SIZE OF ANCHORS	ANCHOR BOLT TEMPLATE NO.
F1	12'-0"	5'-0"	1'-0"	4'-0"	#X@X"O.C.	X"	X #X BARS	4	3/4" x 1'-8" HEAVY HEX HEADED, ASTM F1554 GR. 55	0055517

SOIL BEARING CAPACITY - 3000 PSF

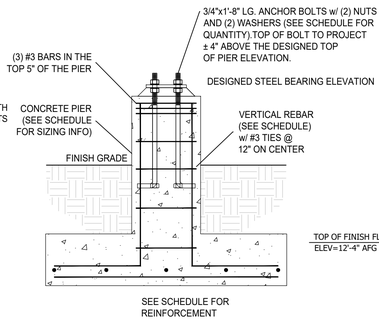


5 ROOF FRAMING PLAN

Scale: 1/2"=1'-0"

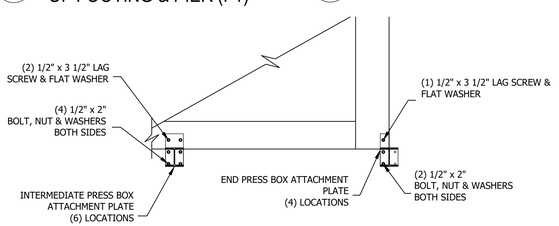


6 ANCHOR BOLT LAYOUT PLAN OF FOOTING & PIER (F1) Scale: N.T.S.



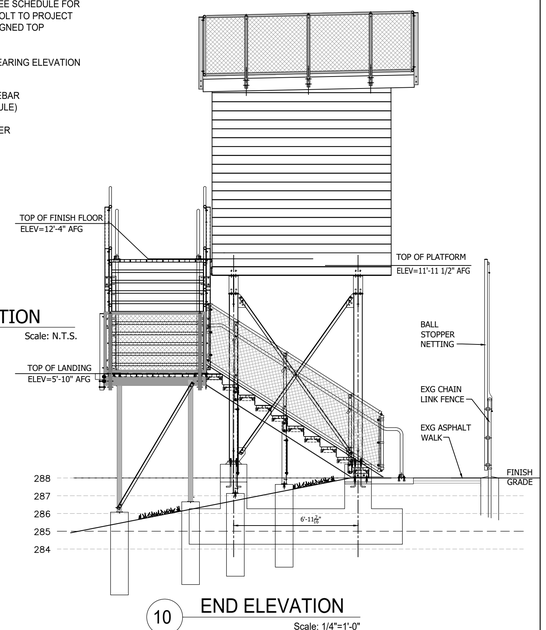
7 SECTION THRU FOUNDATION

Scale: N.T.S.



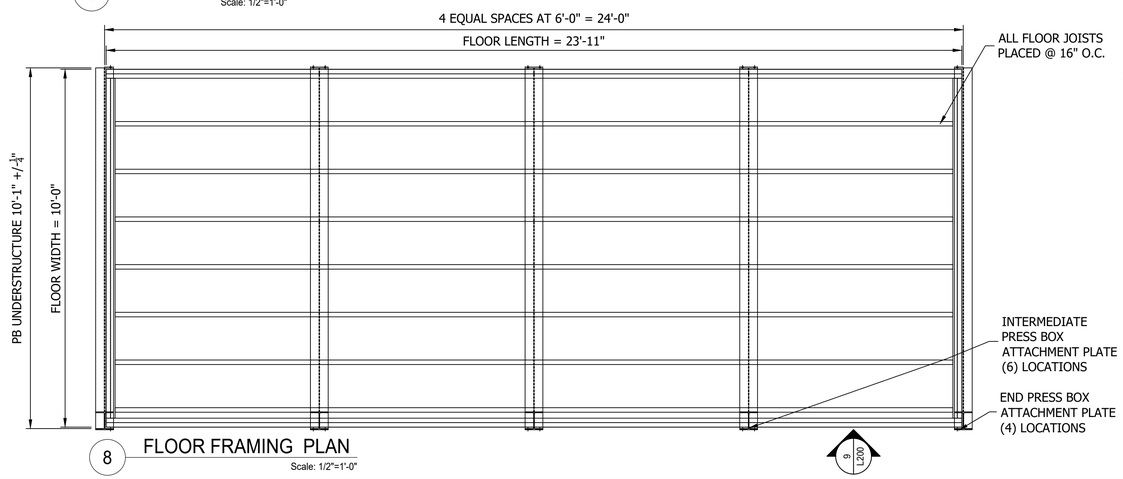
9 PRESS BOX ATTACHMENT DETAIL

Scale: 1/2"=1'-0"



10 END ELEVATION

Scale: 1/4"=1'-0"



8 FLOOR FRAMING PLAN

Scale: 1/2"=1'-0"

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Prepared for:

State University of New York
Purchase College
Purchase, New York 10577

PURCHASE COLLEGE
STATE UNIVERSITY OF NEW YORK

Project Title:

State University of New York
Purchase College
Purchase ,New York 10577

Purchase College Athletic Field Complex- Multi-Field Synthetic Turf Replacement

Project No.:			SU-111618
Design:			SSH
Drawn:	SLC	Ch'k'd:	SSH
Date:	January 17, 2019	Scale:	as shown

Rev:	Description:	Date:

Drawing Title

PRESSBOX PLANS & DETAILS ALTERNATE #1

Drawing No.

L200

Plotted By: SUSAN CHAMBERS
Save Date: 1/16/2019 8:16 AM
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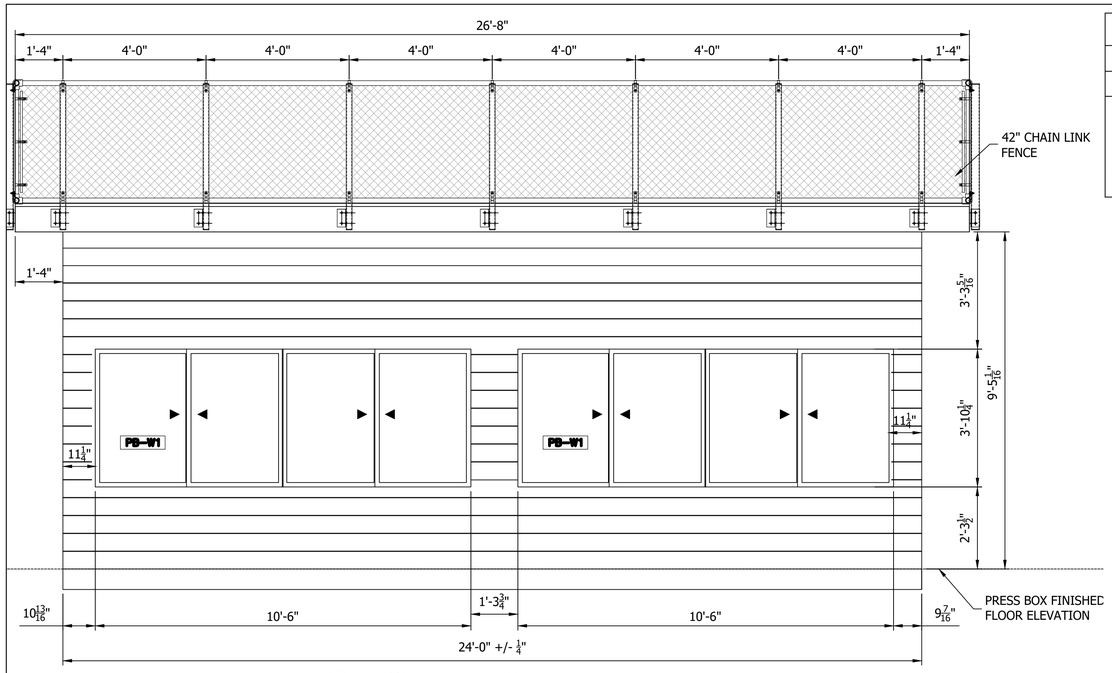
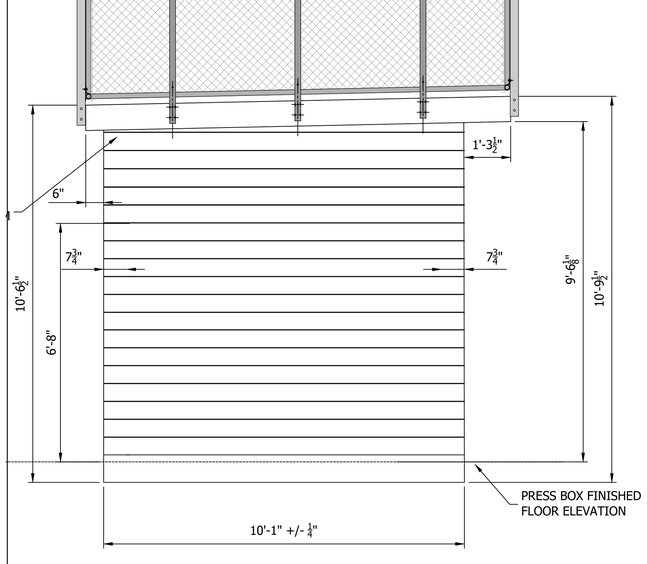


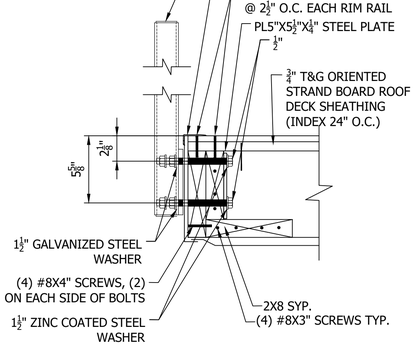
1 FRONT ELEVATION

Scale:1/2" = 1'-0"



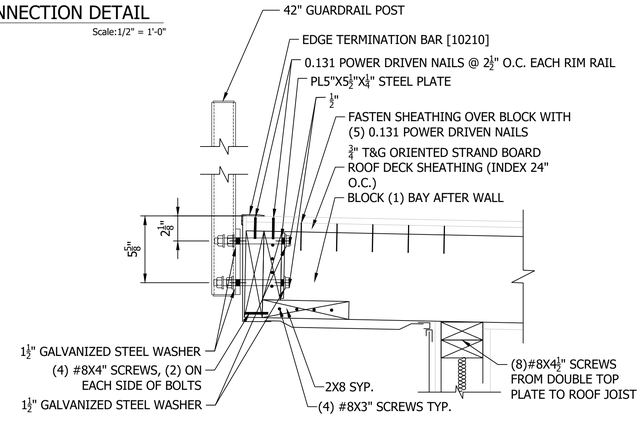
2 SIDE ELEVATION

Scale:1/2" = 1'-0"



3 GUARDRAIL CONNECTION DETAIL

Scale:1/2" = 1'-0"



5 GUARDRAIL CONNECTION DETAIL

Scale:1/2" = 1'-0"

WINDOW SCHEDULE

KEY	WIDTH	HEIGHT	TYPE	FRAME	U-FACTOR	SHGC
PB-W1	10'-0"	4'-0"	DOUBLE SLIDER	VINYL	.29	.29

PB-W1 - SOFT-LITE "BARRINGTON DSL7 HS", DOUBLE HORIZONTAL SLIDER WINDOWS W/ EXTRUDED VINYL FRAMES, AAMA STRUCTURAL RATING, W/ 3/4" INSULATED LOW-E, ARGON FILLED TEMPERED GLASS W/ REMOVABLE INSECT SCREENS. NATURAL LIGHT ALLOWED = 40 SQ/FT, VENTABLE AREA = 20 SQ/FT

*NOTE - GLAZING DESIGN PRESSURE = 22 PSF MINIMUM
WINDOWS INSTALLED PER MANUFACTURERS INSTALLATION DETAILS

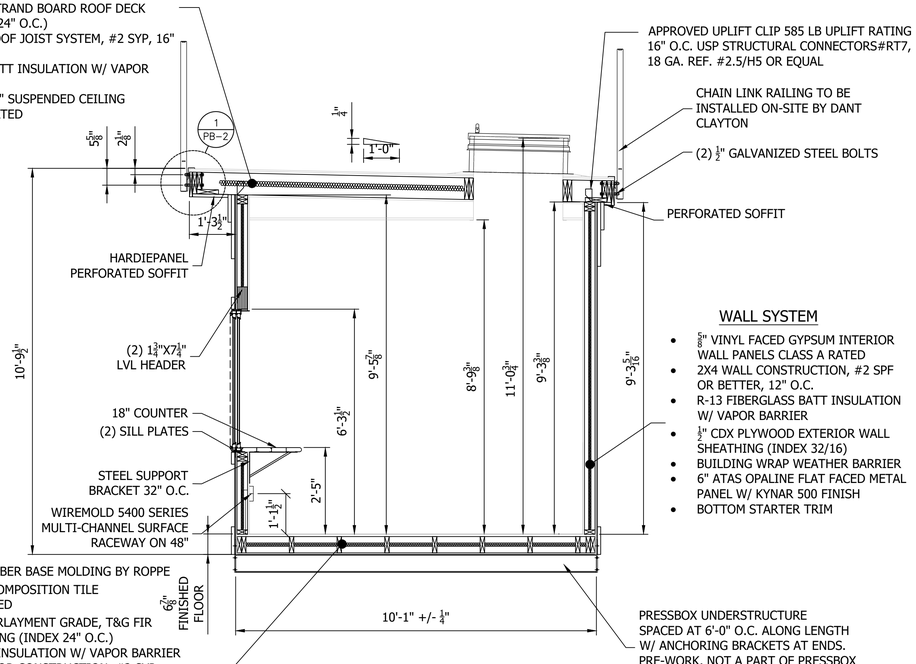
ROOFING SYSTEM

- DECKING .060 POLYESTER REINFORCED SKID AND SPIKERESISTANT PVC MEMBRANE FULLY ADHERED
- 3/4" T&G ORIENTED STRAND BOARD ROOF DECK SHEATHING (INDEX 24" O.C.)
- 2X8 TRANSVERSE ROOF JOIST SYSTEM, #2 SYP, 16" O.C.
- R-19 FIBERGLASS BATT INSULATION W/ VAPOR BARRIER
- US GYPSUM 24" X 24" SUSPENDED CEILING SYSTEM, CLASS A RATED

ROOF IS NOT OCCUPIED BY THE PUBLIC IT IS FOR OFFICIAL USE ONLY

FLOORING SYSTEM

- 4" THERMOPLASTIC RUBBER BASE MOLDING BY ROPPE
- 1/8" ARMSTRONG VINYL COMPOSITION TILE FLOORING-CLASS A RATED
- 3/4" STURDIFLOOR, UNDERLAYMENT GRADE, T&G FIR PLYWOOD FLOOR DECKING (INDEX 24" O.C.)
- R-19 FIBERGLASS BATT INSULATION W/ VAPOR BARRIER
- 2X6 LONGITUDINAL FLOOR CONSTRUCTION, #2 SYP. ,16" O.C. (SPLICED 16'-0" O.C. AND STAGGERED
- 1/2" TREATED PLYWOOD UNDERBELLY (INDEX 32/16) W/ CONTINUOUS VENT 96" O.C. (MIN. 2) (PAINTED INUSTRIAL GRADE ASPHALT BASED BLACK)

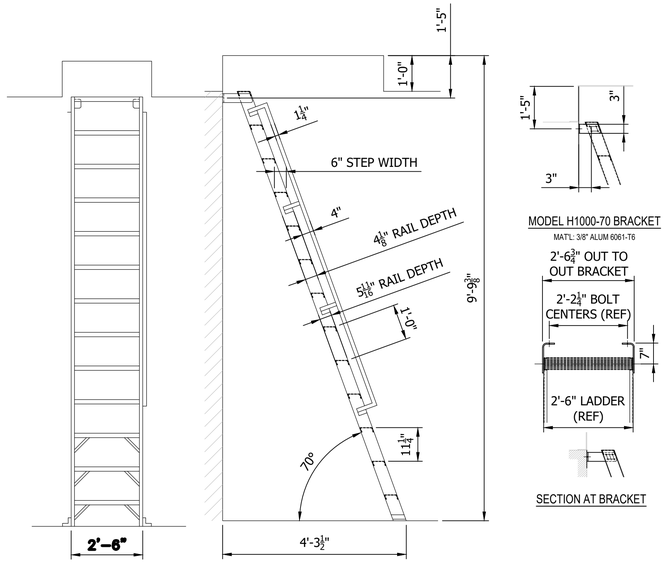


4 SECTION THRU PRESS BOX

Scale:1/2" = 1'-0"

WALL SYSTEM

- 5/8" VINYL FACED GYPSUM INTERIOR WALL PANELS CLASS A RATED
- 2X4 WALL CONSTRUCTION, #2 SPF OR BETTER, 12" O.C.
- R-13 FIBERGLASS BATT INSULATION W/ VAPOR BARRIER
- 1/2" CDX PLYWOOD EXTERIOR WALL SHEATHING (INDEX 32/16)
- BUILDING WRAP WEATHER BARRIER
- 6" ATAS OPALINE FLAT FACED METAL PANEL W/ KYNAR 500 FINISH
- BOTTOM STARTER TRIM



6 70° SHIPS LADDER DETAIL

Scale:N.T.S.

SECTION AT BRACKET

DOOR SCHEDULE

DOOR						FRAME	
KEY	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	MATERIAL	FIRE RATING
PB-D1	3'-0"	6'-8"	0'-3 1/4"	3	STEEL	STEEL	

PB-D1 - INSULATED VINYL-FACED STEEL CLAD W/ STEEL FRAMES; 16" INSULATED/TEMPERED LITE, ALUMINUM THRESHOLD, VINYL WEATHER STOPS, STAINLESS STEEL HINGES AND HEAVY-DUTY RETENTION CHAINS. DOORS EQUIPPED WITH COMMERCIAL LEVER-HANDLED KEYED LOCKSETS.

*NOTE - DOORS INSTALLED PER MANUFACTURERS INSTALLATION DETAILS

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Drawing Title

PRESSBOX ELEVATIONS & DETAILS ALTERNATE #1

Drawing No.

L201

Plotted By: SUSAN CHAMBERS
Save Date: 1/16/2019 8:16 AM
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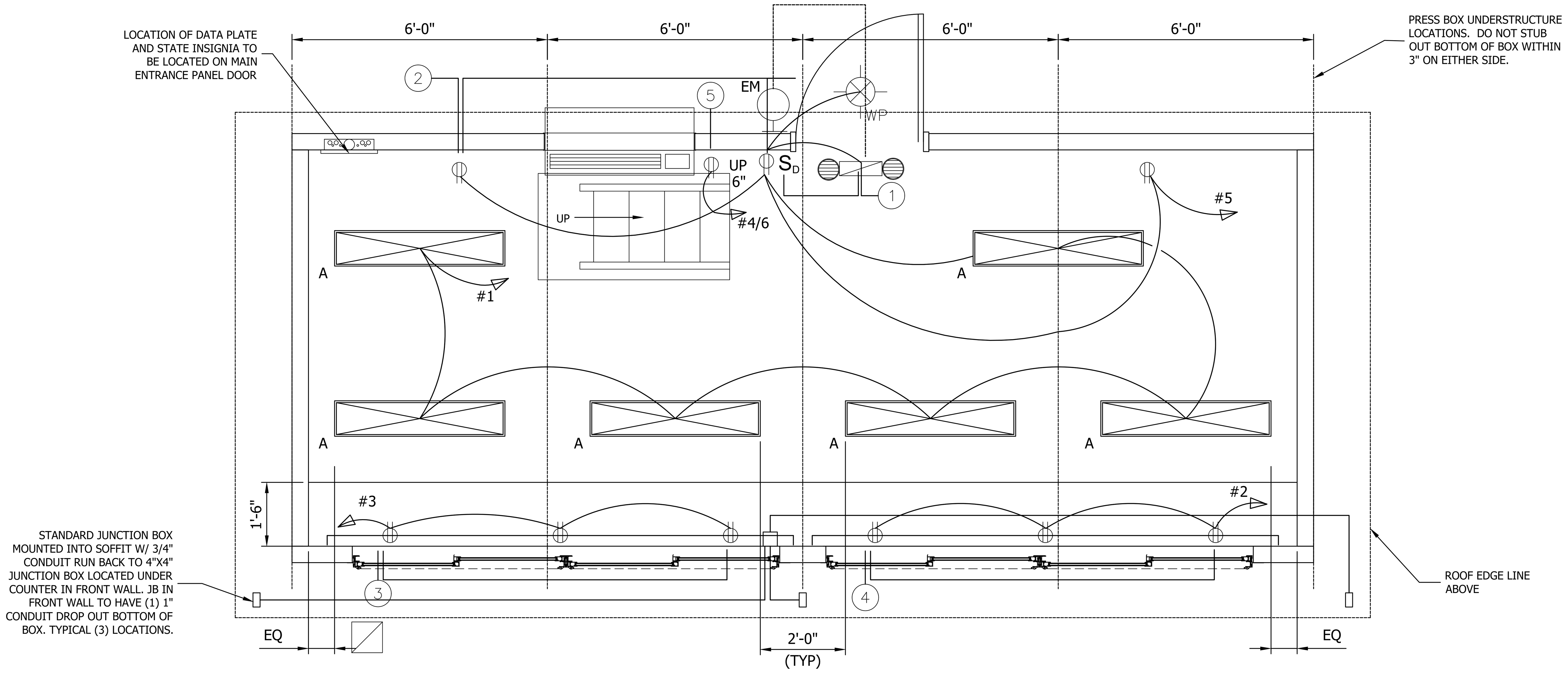
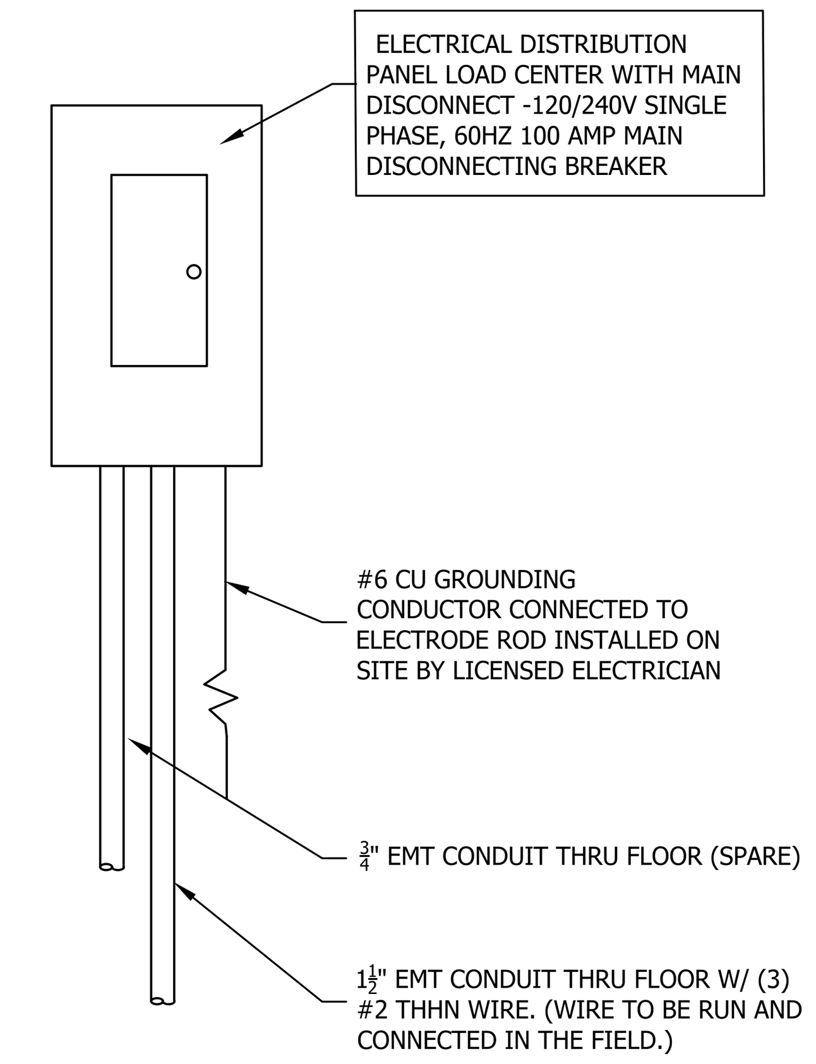


1 ELECTRICAL PLAN

Scale:1/2" = 1'-0"



2 PANEL ELEVATION

Scale: N.T.S.

SYMBOL	DESCRIPTION
A	LITHONIA LBL4, SURFACE MOUNT, 32.4W, 10"X4'
	ELECTRICAL PANELBOARD WITH -120/240V SINGLE PHASE, 60HZ, 3W, PANELBOARD,100 AMP
S_D	PASS & SEYMOUR CD4FBL3PW: TITAN® SERIES LED 4-WIRE SINGLE-POLE/3-WAY PRESET DIMMER, WHITE
	LITHONIA #LEDNOM6 EMERGENCY COMBINATION EXIT/FLOOD LIGHT W/ MINIMUM 90 MIN. BATTERY BACK-UP WITH REMOTE EXTERIOR HEAD (UNIVERSAL MOUNT).
	PASS & SEYMOUR CR20 SPEC. GRADE, GROUNDING TYPE, RECEPT GFI WHERE NOTED UP 18" UNLESS NOTED OTHERWISE
	WIREMOLD #5400 SERIES ELECTRIC PLUG STRIPS W/ RECEPTS AND COMMUNICATION JACK COVERS 48" O.C. AND 3/4" CONDUIT THRU FLOOR AT END-UP 14"
WP	180-DEGREE WHITE OUTDOOR LED MOTION SECURITY LIGHT W/ DUSK TO DAWN SENSOR #DFI-5982-WH WALL MOUNTED ABOVE THE CENTER OF THE DOOR.
EM	LITHONIA #ECA LED WPM12 (19W INPUT, 1400 LM) 1.0W REMOTE EMERGENCY LIGHT HEAD
	ROOF ELECTRICAL ACCESS- 2X4 WATERPROOF FASCIA MOUNTED JUNCTION BOX WITH 3/4" EMT CONDUIT TO ENTRANCE PANEL FOR (FUTURE USE) (WEATHER-RESISANT RECEPTACLES IN WEATHERPROOF ENCLOSURES TO BE INSTALLED ON GUARD RAILS BY EC)
	ZONELINE #AZ61H07DAB 2.4 KW ELECTRIC WALL MOUNT HEAT PUMP UNIT-UP 6" 7,000 BTU COOL 8,150 BTU HEAT UNIT IS PLUG-IN TYPE.

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Prepared for:

State University of New York
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Purchase, New York 10577

DESIGN SPECIFICATIONS

DESIGN AND CONSTRUCTION

1. ALL DESIGN , MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE FOLLOWING

2015 INTERNATIONAL BUILDING CODE W/ AMENDMENTS
2015 INTERNATIONAL MECHANICAL CODE W/ AMENDMENTS
2014 NATIONAL ELECTRICAL CODE W/ AMENDMENTS
2012 INTERNATIONAL ENERGY CONSERVATION CODE W/ AMENDMENTS
2012 INTERNATIONAL PLUMBING CODE W/ AMENDMENTS
2009 ICC/ANSI A117.1
2015 NEW YORK STATE BUILDING CODE

DESIGN LOADS

1. FLOOR DEAD LOAD	10 PSF	
2. FLOOR LIVE LOAD	100 PSF	
3. ROOF DEAD LOAD	10 PSF	
4. ROOF LIVE LOAD	50 PSF	
5. WALLS	25 PSF 8 PSF	UNIFORM VERTICAL PROJECTION DEAD LOAD
6. GROUND SNOW LOAD	30 PSF	
7. OCCUPANCY GROUP	B	
8. CONSTRUCTION TYPE	V–B	
9. OCCUPANCY LOAD	14 PERSONS	
10. SWAY	24 PLF	PARALLEL PER FT. OF ROW PARALLEL TO SEAT RUN
11. GUARD RAILS	200 LB 50 LB/FT 100 LB/FT	CONCENTRATED LATERAL LOAD UNIFORM LATERAL LOAD UNIFORM VERTICAL LOAD
12. ULTIMATE WIND LOAD	ASCE7–10	150 MPH, EXPOSURE C @ 30'
13. WIND IMPORTANCE FACTOR	1.0	
14. SEISMIC ZONE		SITE CLASS D DESIGN CATEGORY B

FASTENING SCHEDULE

BUILDING ELEMENT	FASTENER	NUMBER AND LOCATION
STUD TO SOLE PLATE	15GA X 2 1/2" LONG GALVANIZED STAPLE	(4) DIRECT
STUD TO CAP PLATE	15GA X 2 1/2" LONG GALVANIZED STAPLE	(4) DIRECT
CORNER STUDS	#8X3" SCREW	12" O.C. DIRECT
SOLE PLATE TO JOIST OR BLOCKING	16d COMMON	16" O.C. (9" O.C. AT SHEARWALLS)
DOUBLE CAP PLATE	15GA X 2 1/2" LONG GALVANIZED STAPLE	(2) 12" O.C. DIRECT
FLOOR JOISTS	16d COMMON	MIN. (3) DIRECT
DOUBLE EDGE RAIL	16d COMMON	MIN. (3) DIRECT
CEILING JOISTS TO PLATE	16d COMMON	MIN. (3) DIRECT
HEADER BEAMS TO TRIMMERS	15GA X 2 1/2" LONG GALVANIZED STAPLE	(6) EACH END OR (8) TOE NAIL
PLYWOOD ROOF AND WALL SHEATHING (1/2" OR LESS)	16GA X 1 1/2" LONG GALVANIZED STAPLE	4" O.C. DIRECT EDGES & 8" O.C. INTERMEDIATE SUPPORTS
PLYWOOD ROOF AND WALL SHEATHING (5/8" OR GREATER)	16GA X 2" LONG GALVANIZED STAPLE	4" O.C. DIRECT EDGES & 8" O.C. INTERMEDIATE SUPPORTS
PLYWOOD SUBFLOORING (5/8", 3/4")	6d RING SHANK	6" O.C. DIRECT EDGES & 12" O.C. INTERMEDIATE SUPPORTS
PARTICLE BOARD ROOF AND WALL SHEATHING (1/2" OR LESS)	16GA X 1 1/2" LONG GALVANIZED STAPLE	4" O.C. DIRECT EDGES & 8" O.C. INTERMEDIATE SUPPORTS
PARTICLE BOARD ROOF AND WALL SHEATHING (5/8" OR GREATER)	16GA X 2" LONG GALVANIZED STAPLE	4" O.C. DIRECT EDGES & 8" O.C. INTERMEDIATE SUPPORTS
SHEARWALL (END) TO RAFTERS	16d NAILS	12" O.C.
RAFTER TO TOP PLATES	(1) #8X4 SCREW	TOED EACH RAFTER

GENERAL STRUCTURAL INFORMATION

1. INTERIOR PARTITIONS TO BE CONSTRUCTED TO WITHSTAND A 5 PSF HORIZONTAL FORCE.
2. INTERIOR WALL BOARD SHALL BE 5/8" NOMINAL THICKNESS OR CONFORM TO SEC. 802.1. (TESTED W/ MATERIALS SUSPENDED FROM NON-COMBUSTABLE BACKING.)
3. ALL LUMBER TO BE GRADED AND MARKED.
4. COMPRESSION PLATE REQUIRED TO ENDURE WOOD TO WOOD CONTACT AT BEARING WALL TO ROOF JOINT CONNECTIONS.
5. DADOS AND NOTCHING NOT TO OCCUR IN THE CENTER 1/3 OF LENGTH OF WALL STUD.
6. EXTERIOR BRACING PROVIDED BY 1/2" CDX AND GLUED W/ APPROVED PVA GLUE AT ALL STUD TO END WALL CONNECTIONS.
7. APPROVED DATA PLATE AND STATE LABEL TO BE LOCATED ON MAIN ENTRANCE PANEL.
8. ON SITE STRUCTURE TO MEET THE FOLLOWING:
   -UPLIFT RATING FROM RIM JOIST TO SUPPORT AND RESIST 1550 LBS @6'-0" O.C.
   -RATING OF HORIZONTAL CONNECTION TO BE A MINIMUM OF 2040 LBS @ 6'-0" O.C.
   -BEARING SUPPORT OF THE UNDERSTRUCTURE TO HAVE MIN. CAPACITY OF 8000 LBS @ 6'-0" O.C.
9. ATTIC VENTILATION SHALL NOT BE LESS THAN 1 / 150 OF THE HORIZONTAL AREA TO BE VENTILATED.
10. THE BUILDING EXTERIOR AND ALL FACILITIES WITHIN THE BUILDING SHALL BE IDENTIFIED WITH THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR ON SITE BARRIER FREE PROVISIONS. BUILDING APPROACH SHALL HAVE A MINIMUM WIDTH OF 5' AND A GRADIENT OF NOT MORE THAN 1' IN 20'
12. ALL LOCKS TO BE UNLOCKABLE FROM THE INTERIOR WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.
13. CORROSION RESISTANT FLASHING AT TOP AND SIDES OF DOORS, WINDOWS AND AT ROOF PENETRATIONS.
14. ALL GLAZING WITHIN A 24" ARC OF VERTICAL DOOR EDGES IN THE CLOSED POSITION TO BE SAFETY GLAZED AND MARKED SO.
15. INTERIOR FINISH SHALL BE CLASS B OR BETTER.
16. THE MINIMUM SEPARATION OF THE UNIT FROM ANY PROPERTY LINE OR ASSUMED PROPERTY LINE IS 15'.
17. THIS BUILDING DOES NOT CONTAIN PLUMBING FACILITIES. PLUMBING FACILITIES SHALL BE PROVIDED ON-SITE SUBJECT TO THE LOCAL AUTHORITY HAVING JURISDICTION.
18. FIRE EXTINGUISHERS SUPPLIED & INSTALLED ON-SITE BY OTHERS APPROVED BY LOCAL JURISDICTION.

GENERAL ELECTRICAL INFORMATION

1. ALL WIRING TO BE ENCASED IN THIN ALL EMT CONDUIT MIN. 12THHN COPPER WIRE.
2. ALL RECEPTACLES TO BE GROUNDING TYPE.
3. MAIN PANEL TO BE MARKED SUITABLE FOR USE AS SERVICE EQUIPMENT, AND TO BE EQUIPPED WITH BREAKER/FUSE TYPE OVER CURRENT PROTECTION.
4. PROPER THERMAL OVERLOAD PROTECTION TO BE PROVIDED FOR ALL MOTORS.
5. DISCONNECTING MEANS WITHIN SITE REQUIRED FOR ALL MOTORS.
6. WEATHERPROOF PROTECTION REQUIRED FOR ALL OUTDOOR LIGHTS, RECEPTACLES AND DISCONNECTS.
7. PROPER WORKING CLEARANCES TO BE PROVIDED AND MAINTAINED AROUND ALL ELECTRICAL EQUIPMENT.
8. ALL FLUORESCENT FIXTURES REQUIRE THERMAL PROTECTION AND PROPER CLEARANCES FROM INSULATION, ALSO APPLICABLE FOR INCANDESCENT FIXTURES.
9. EXIT LIGHTS (IF ELECTRIC) MUST BE FED FROM AN APPROVED EMERGENCY SERVICE CONNECTED AHEAD OF, BUT NOT WITHIN MAIN SERVICE DISCONNECTING MEANS ENCLOSURE, AND INSTALLED AS PER SERVICE REQUIREMENTS, OR BE BATTERY BACK UP TYPE UNITS.
10. SERVICE CONDUCTORS LOCATED WITHIN THE PERIMETER OF THE BUILDING SHALL BE INSTALLED PER NEC.
11. ELECTRICAL WIRING TO BE INSTALLED PER NEC.
12. ALL DATA/ TELECOMMUNICATION CONDUCTORS TO BE INSTALLED AND TERMINATED ON-SITE BY OTHERS.
13. ALL WIRING TO BE COPPER 0 TO 2,000 VOLTS, COMPLYING W/ ARTICLE 310, NEC AND NO SMALLER THAN #12, AWG, INSULATED CONDUCTORS SHALL NOT EXCEED THE CAPACITY RATINGS AS SCHEDULED IN TABLES 310. NEC AND PROVIDED AND COMPLYING CIRCUIT PROTECTION.

PURCHASE COLLEGE
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Project No.:			SU-111618
Design:			SSH
Drawn:	SLC	Ch'k'd:	SSH
Date:	January 17, 2019	Scale:	as shown

Rev:	Description:	Date:

Drawing Title

PRESSBOX ELECTRICAL PLAN & DETAILS ALTERNATE #1

Drawing No.

L202

NOTES: PANEL SHALL BE FULLY RATED. NEMA 1.

PANELBOARD SCHEDULE

PANEL	SOURCE	RATINGS (AMPS)		PHASE/ WIRE	VOLTAGE	MOUNTING	UL LISTING INT. RATING (RMS SYM. AMPS)	DESIGN MAKE SQ-D	NEMA TYPE
TURF FIELD PRESS BOX	P-FLVP-3	MCB 40A	MLO -	1PH 3W	240/120	SURFACE	10 KAIC	NQOD	1

CKT NO.	DESCRIPTION	BREAKER	VA LOAD MISC	VA LOAD RCPT	VA LOAD MOTOR	VA LOAD HTG	VA LOAD HTG	VA LOAD MOTOR	VA LOAD RCPT	VA LOAD MISC	BREAKER	DESCRIPTION	CKT NO.
1	LIGHTING	20A/1P	218.2						1440.0		20A/1P	RCPTS - PLUGMOLD	2
3	RCPTS - PLUGMOLD	20A/1P		1440.0									4
5	RCPTS - GENERAL	20A/1P		540.0		2438.0					15A/2P	HEAT PUMP	6
7	SPARE	20A/1P									20A/1P	SPARE	8
9	SPARE	20A/1P									20A/1P	SPARE	10
11	SPARE	20A/1P									20A/1P	SPARE	12
LEFT SIDE SUB-TOTAL			218.2	1980	0	0	2438	0	1440	0	RIGHT SIDE SUB-TOTAL		
TOTAL CONNECTED LOAD			218.2	3420	0	2438	A PHASE		B PHASE		TOTAL CONNECTED LOAD PER PHASE		
DEMAND FACTOR			1	100%/50%	0.8	0.8							
ESTIMATED DEMAND			218.2	3420	0	1950.4	NOTES:						
TOTAL ESTIMATED DEMAND (VA)				5588.6									
TOTAL AMPS				23.29									

NOTES: PANEL SHALL BE FULLY RATED. NEMA 3R.

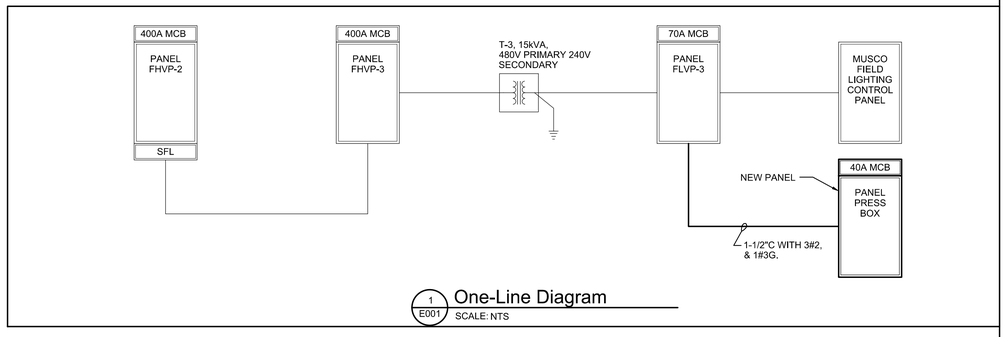
EXISTING PANELBOARD SCHEDULE

PANEL	SOURCE	RATINGS (AMPS)		PHASE/ WIRE	VOLTAGE	MOUNTING	UL LISTING INT. RATING (RMS SYM. AMPS)	DESIGN MAKE SQ-D	NEMA TYPE
(E) P-FLVP-3	(E) P-FHVP-3	MCB 70A	MLO -	1PH 3W	240/120	SURFACE	10 KAIC	NQOD	3R

CKT NO.	DESCRIPTION	BREAKER	VA LOAD MISC	VA LOAD RCPT	VA LOAD MOTOR	VA LOAD HTG	VA LOAD HTG	VA LOAD MOTOR	VA LOAD RCPT	VA LOAD MISC	BREAKER	DESCRIPTION	CKT NO.
1	(E) BASEBALL PRESS	(E) 50A/2P	840.0	4000.0						500.0	(E) 20A/1P	(E) LGTS DUG OUT #1	2
3	BOX PANEL									500.0	(E) 20A/1P	(E) LGTS DUG OUT #2	4
5	(E) POLE A1 FIXTURE	(E) 15A/1P	300.0						400.0		(E) 20A/1P	(E) RCPTS - DOUG OUT #1	6
7	(E) POLE A2 FIXTURE	(E) 15A/1P	300.0						400.0		(E) 20A/1P	(E) RCPTS - DOUG OUT #2	8
9	(E)MUSCO LTG PANEL	(E) 15A/1P	300.0						400.0		(E) 20A/1P	(E) RCPTS - BULL PEN #1	10
11									400.0		(E) 20A/1P	(E) RCPTS - BULL PEN #2	12
13	TURF FIELD PRESS BOX	40A/2P	218.2	3420.0	0.0	2438.0			300.0		(E) 20A/1P	(E) SCOREBOARD - SOFTBALL	14
15	SPACE								800.0		(E) 20A/1P	(E) SCOREBOARD - BASEBALL	16
17	SPACE								200.0		(E) 20A/1P	(E) SCOREBOARD - LACROSSE	18
19	SPACE											SPACE	20
21	SPACE											SPACE	22
23	SPACE											SPACE	24
25	SPACE											SPACE	26
27	SPACE											SPACE	28
29	SPACE											SPACE	30
31	SPACE											SPACE	32
33	SPACE											SPACE	34
35	SPACE											SPACE	36
LEFT SIDE SUB-TOTAL			1958.2	7420	0	2438	0	0	2900	1000	RIGHT SIDE SUB-TOTAL		
TOTAL CONNECTED LOAD			2958.2	10320	0	2438	A PHASE		B PHASE		TOTAL CONNECTED LOAD PER PHASE		
DEMAND FACTOR			1	100%/50%	0.8	0.8							
ESTIMATED DEMAND			2958.2	10320	0	1950.4	NOTES:						
TOTAL ESTIMATED DEMAND (VA)				15228.6									
TOTAL AMPS				63.45									

ABBREVIATIONS

Ø	PHASE	KVA	KILOVOLT AMPS
A	AMPS	L, LTG	LIGHTING
AFF	ABOVE FINISHED FLOOR	LTFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
AFG	ABOVE FINISHED GRADE	MC	MECHANICAL CONTRACTOR
BFC	BELOW FINISHED CEILING	NO, #	NUMBER
C	CONDUIT	R, RCPT	RECEPTACLE
CKT	CIRCUIT	RGS	IGID GALVANIZED STEEL
CLG	CEILING	SM	SINGLE MODE
DTB	DATA TERMINAL BOARD	TBB	TELEPHONE BACKBOARD
DWG	DRAWING	TYP	TYPICAL
EC	ELECTRICAL CONTRACTOR	PC	PLUMBING CONTRACTOR
EMT	ELECTRICAL METAL TUBING	UC	UNDER COUNTER
EX'G	EXISTING	UON	UNLESS OTHERWISE NOTED
FACP	FIRE ALARM CONTROL PANEL	X	EXISTING TO REMAIN
GC	GENERAL CONTRACTOR	XR	EXISTING TO BE RELOCATED
GFI	GROUND FAULT INTERRUPTER	WG	WIRE GUARD
GND	GROUND	WP	WEATHER PROOF
HP	HORSEPOWER	V	VOLT(S)



1 E001 One-Line Diagram
SCALE: NTS

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SWITCHGEAR & MISC.

- BRANCH CIRCUIT PANELBOARD - SURFACE MOUNTED
- JUNCTION BOX -WALL OR CEILING MOUNTED, AS INDICATED
- HH HANDHOLE

CONDUIT OR CABLE

NOTE: LINES MAY BE CURVED OR STRAIGHT

- POWER CIRCUIT OR FEEDER
- POWER HOMERUN TO PANEL
- UE UNDERGROUND ELECTRIC UTILITY

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PURCHASE COLLEGE
STATE UNIVERSITY OF NEW YORK

Project Title:

State University of New York
Purchase College
Purchase ,New York 10577

Purchase College Athletic Field Complex- Multi-Field Synthetic Turf Replacement

PROFESSIONAL ENGINEER
MICHELLE M. HOUGHTON
072116
STATE OF NEW YORK

Project No.:	SU-111618
Design:	AJH
Drawn: AJH	Ch'k'd: MMH
Date: January 17, 2019	Scale: As Noted

Rev:	Description:	Date:

Drawing Title

ELECTRICAL NOTES, ABBREVIATIONS, LEGEND & DETAILS

Drawing No.

E001

Plotted By: JAMES MCFEE
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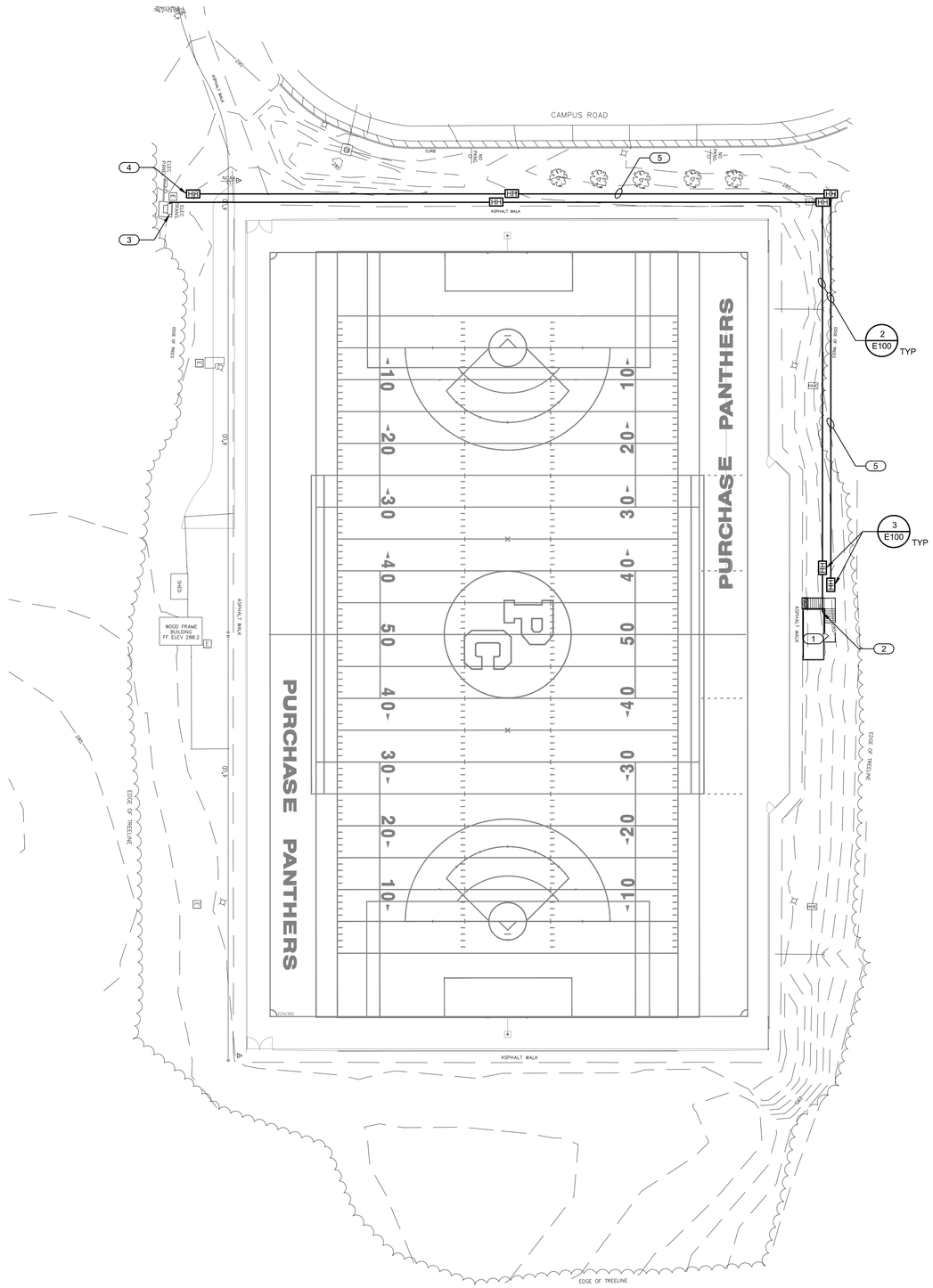


1 E100 **Electrical Site Layout Plan**
SCALE: 1" = 30'-0"

KEYED NOTES

1. 10' x 24' PRE-MANUFACTURED PRESSBOX. PROVIDE THE FOLLOWING:
   - 1.1. #6 COPPER GROUNDING CONDUCTOR FROM INTEGRAL 100A PANELBOARD TO 3/4" x 10' COPPER CLAD GROUND ROD IN ACCORDANCE WITH 2014 NEC.
   - 1.2. 3/4" EMT THROUGH FLOOR.
   - 1.3. PROVIDE CONDUIT SLEEVE THROUGH FLOOR, SIZE AS INDICATED WITH FEEDER SIZE.
2. RISE UP INTO THE PRESSBOX.
3. LOCATION OF EXISTING POWER BACKBOARD. PROVIDE 40A/2P CIRCUIT BREAKER IN EXISTING PANEL "P-FLVP-3". REFER TO DRAWING E001 FOR PANELBOARD SCHEDULES.
4. LOCATE DATA HANDHOLE IN THE FIELD.
5. PROVIDE (1) 2" PVC CONDUIT WITH PULLROPE FOR FUTURE DATA.

GENERAL NOTES

A. PROVIDE A HANDHOLE FOR ALL CONDUIT RUNS OVER 200'-0" UNDERGROUND.

B. PROVIDE 90 DEGREE SWEEPS INTO HANDHOLES.

C. PRIOR TO EXCAVATION, LOCATE ALL EXISTING UTILITIES.

D. WHERE EXISTING UNDERGROUND UTILITIES ARE TO BE REMOVED, EXISTING UNDERGROUND CONDUITS AND CABLING MAY REMAIN ABANDONED IN PLACE. REMOVE ALL ABOVE GRADE AND EXPOSED CONDUITS AND CABLING.

E. PROVIDE A PULL STRING IN ALL EMPTY AND SPARE CONDUIT(S) SHOWN ON THIS PLAN.

F. VERIFY FINAL GRADE ELEVATIONS PRIOR TO EXCAVATION FOR ALL TRENCHING, HANDHOLES, PULLBOXES, AND POLES. CONDUITS, HANDHOLE COVERS, AND CONCRETE EQUIPMENT PADS SHALL BE COORDINATED WITH FINAL GRADES INDICATED ON THE SITE CONTRACTOR'S PLANS.

G. COORDINATE ALL SHUTDOWNS WITH THE OWNER AND PROJECT DESIGNER PRIOR TO BEGINNING WORK.

H. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

I. UNLESS OTHERWISE NOTED, FOR UNDERGROUND CONDUIT RUNS, PROVIDE SCHEDULE 80 PVC CONDUITS FOR HORIZONTAL UNDERGROUND CONDUIT SECTIONS. PROVIDE PVC TO RGS ADAPTERS, RGS 90 DEGREE SWEEPS, AND RGS VERTICAL CONDUIT SECTIONS.

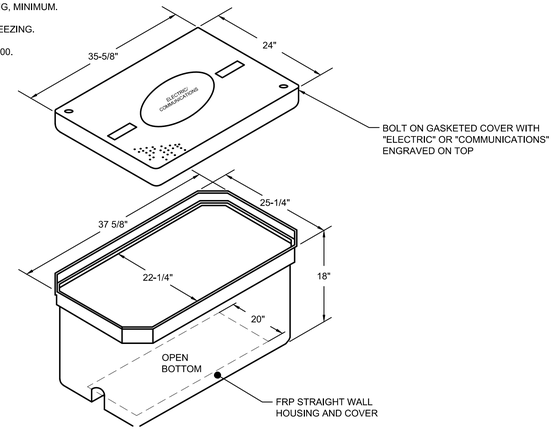
NOTES:

A. SUITABLE FOR DIRECT BURIAL IN CONCRETE AND GRASS AREAS.

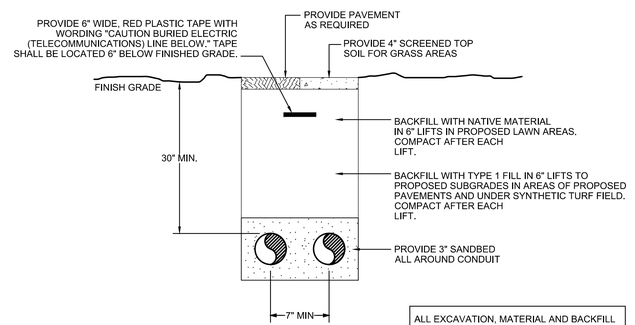
B. COVER SHALL SUPPORT 12,000 LBS, TIER 8 RATING, MINIMUM.

C. RESISTANT TO SUNLIGHT, WEATHERING, AND FREEZING.

D. DESIGN MAKE QUAZITE, PG2436BA18 & PG2436CA00.



3 E100 **Hand Hole Detail** (BY ELECTRIC WORK CONTRACTOR)
SCALE: NTS



2 E100 **Direct Buried Conduit Detail (Typ)**
SCALE: NTS

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ELECTRICAL SITE LAYOUT PLAN

Drawing No.

E100

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