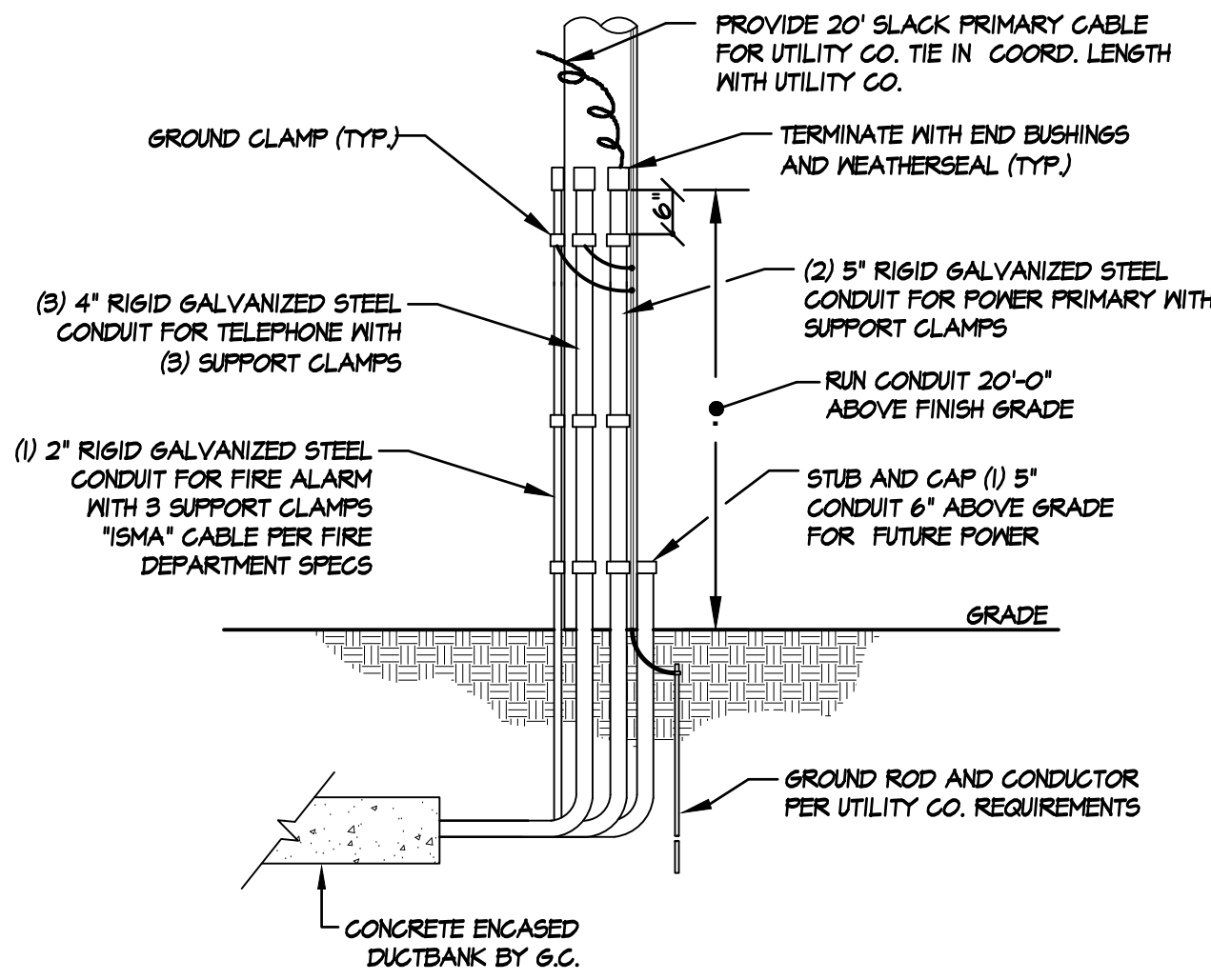
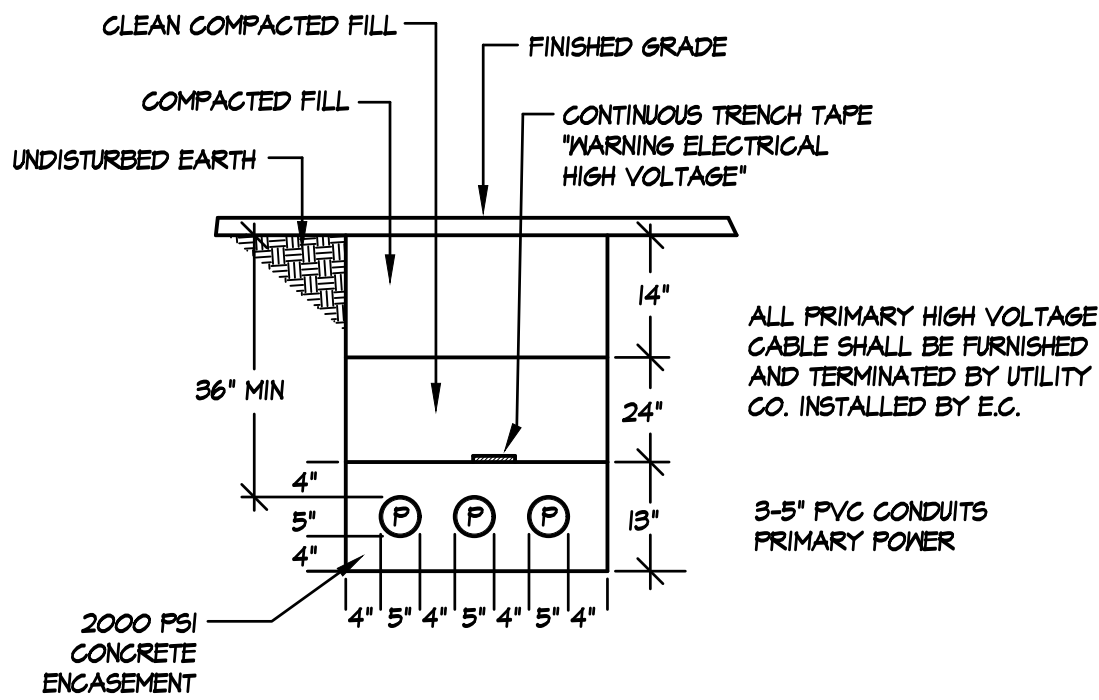




- NOTES:
1. PIPES SHOULD BE POSITIONED ON THE SIDE OF THE POLE OPPOSITE THE PARKING AREA OR ROADWAY
 2. CONDUITS BY ELECTRICAL CONTRACTOR TRENCH BY GENERAL CONTRACTOR
 3. CONCRETE WORK BY GENERAL CONTRACTOR

UTILITY POLE RISER DETAIL
NO SCALE



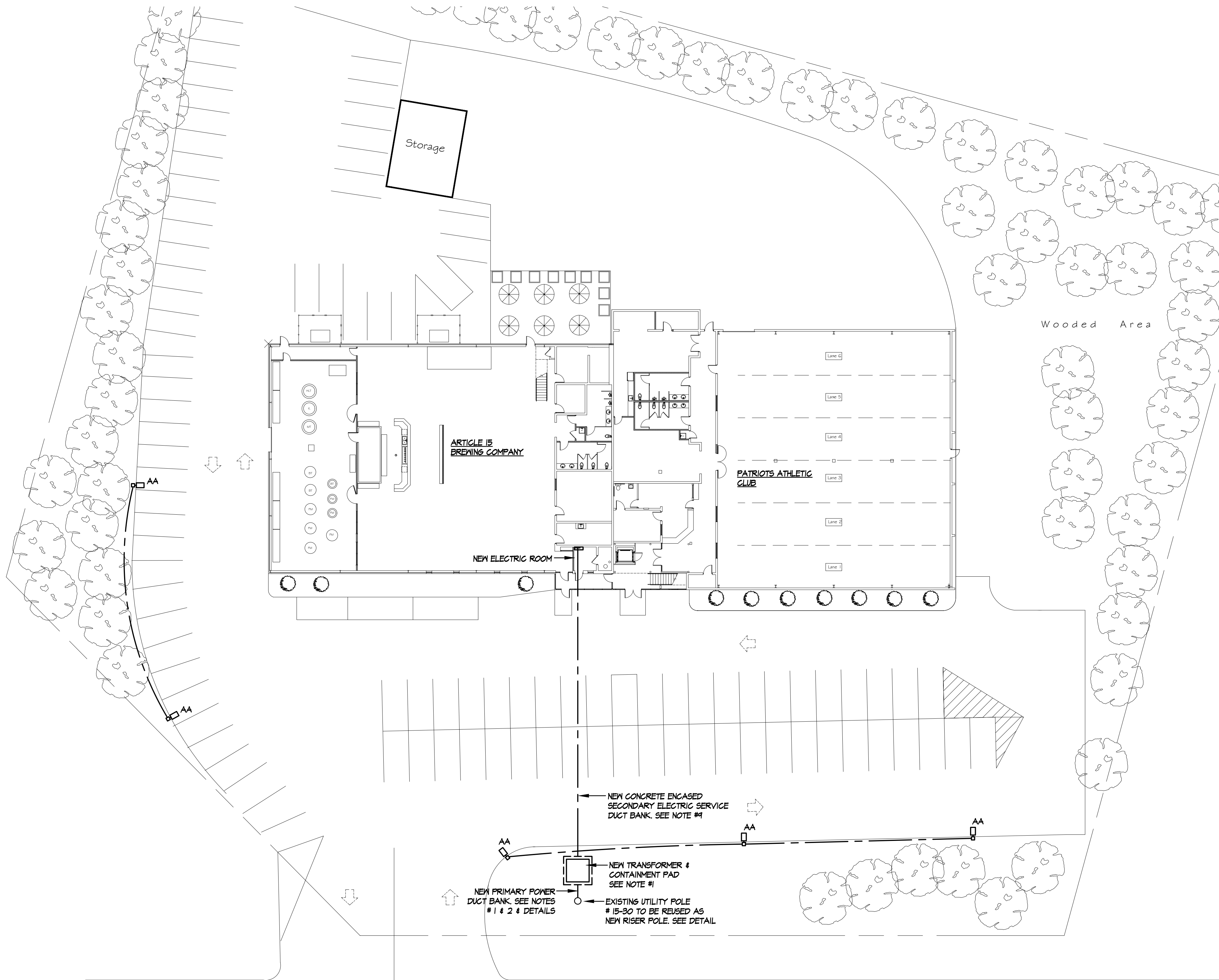
PRIMARY DUCT BANK DETAIL
NO SCALE

SITE POWER NOTES:

1. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL PRIMARY POWER & COMMUNICATIONS DUCT BANKS AS SHOWN ON DRAWINGS AND AS DESCRIBED IN SPECIFICATIONS. ALL SHALL BE INSTALLED IN ACCORDANCE WITH UTILITY CO. STANDARDS AND REQUIREMENTS. ALL EXCAVATION AND BACKFILL AND CONCRETE ENCASEMENT BY G.C. ALL DUCT BANKS SHALL BE INSPECTED BY UTILITY CO. PRIOR TO CONCRETE ENCASEMENT.
2. ALL PRIMARY CABLE AND TERMINATIONS BY UTILITY COMPANY. COORDINATE ALL WORK AND PRIMARY CABLE WITH UTILITY CO.
3. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL NEW PREFORMED TRANSFORMER PAD & ELECTRICAL CONTRACTOR SHALL PROVIDE ALL PAD GROUNDINGS PER UTILITY CO. AND TRANSFORMER MANUFACTURER REQUIREMENTS AND DETAILS. VERIFY EXACT LOCATION WITH LOCAL ELECTRIC UTILITY COMPANIES. CONCRETE FILLED BOLLARDS AROUND PAD BY GENERAL CONTRACTOR.
4. COORDINATE EXACT LOCATION OF UTILITY CO. NEW & EXISTING POLES, OVERHEAD EXISTING SERVICE, NEW & RELOCATED POLES & SERVICE. WITH UTILITY CO. AND SITE CONDITIONS. ALL ELECTRIC UTILITY BACK CHARGES FOR INSTALLATION OF TRANSFORMER AND PRIMARY CABLE SHALL BE PAID BY OWNER.
5. ALL ELECTRIC UTILITY BACK CHARGES FOR INSTALLATION OF TRANSFORMER AND PRIMARY CABLE SHALL BE PAID FOR BY OWNER.
6. FURNISH AND INSTALL ALL WORK PER UTILITY COMPANY STANDARDS
7. REFER TO ELECTRICAL RISER DIAGRAM FOR ADDITIONAL INFO.
8. EXISTING OVERHEAD ELECTRIC, TEL & COMM WORK SHALL BE PERFORMED BY UTILITY COMPANIES. COORDINATE WITH UTILITIES FINAL PLANS.
9. CONCRETE ENCASEMENT FOR SECONDARY ELECTRIC DUCT BANK SHALL BE SIMILAR TO PRIMARY DUCT BANK EXCEPT ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL SECONDARY CONDUIT, WIRE.
10. SECONDARY DUCT BANK CONSISTING OF (2) 4" CONDUITS WITH #500 MCM XHHW COPPER IN EACH & (2) 4" SPARES ALL CONCRETE ENCASED.

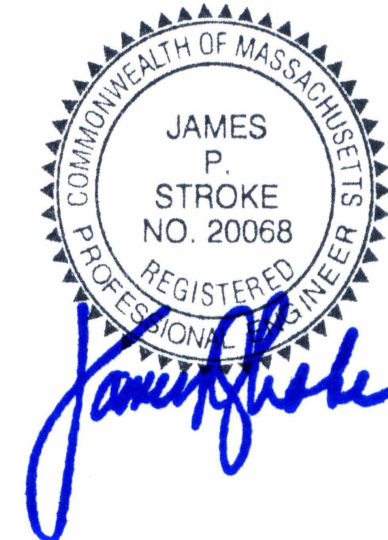
SITE LIGHTING NOTES:

1. ALL BRANCH CIRCUIT WIRING AND CONDUIT TO SITE LIGHTING POLES SHALL BE (3)MIO COPPER IN 1" CONDUIT MINIMUM EXCEPT WHERE INDICATED WITH ADDITIONAL SLASH MARKS, WHICH INDICATES NUMBER OF CONDUCTORS.
2. G.C. SHALL FURNISH AND INSTALL NEW PRECAST CONCRETE POLE BASES FOR ALL SITE LIGHTING POLES AS INDICATED. E.G. SHALL GROUND ALL POLES AND BASES. SEE DETAIL.
3. ALL POLES AND LUMINAIRES SHALL BE EQUIPPED WITH PROPER ANCHOR BOLTS, PLATES AND BOLT COVER BASES. FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
4. ALL EXTERIOR LIGHTING BRANCH CIRCUITS RUN THRU LIGHTING PANEL AND THRU TIME CLOCK.



V F W D r i v e

ELECTRICAL SITE PLAN
1"=20'-0"



**SOUTH SHORE
ENGINEERING TEAM, INC.**
720 WASHINGTON STREET COLLEGE
PARK-YALE BUILDING-HANOVER, MA 02339
PHONE 781-331-4660 | FAX: 781-829-4405 | EMAIL: SSETING@GMAIL.COM

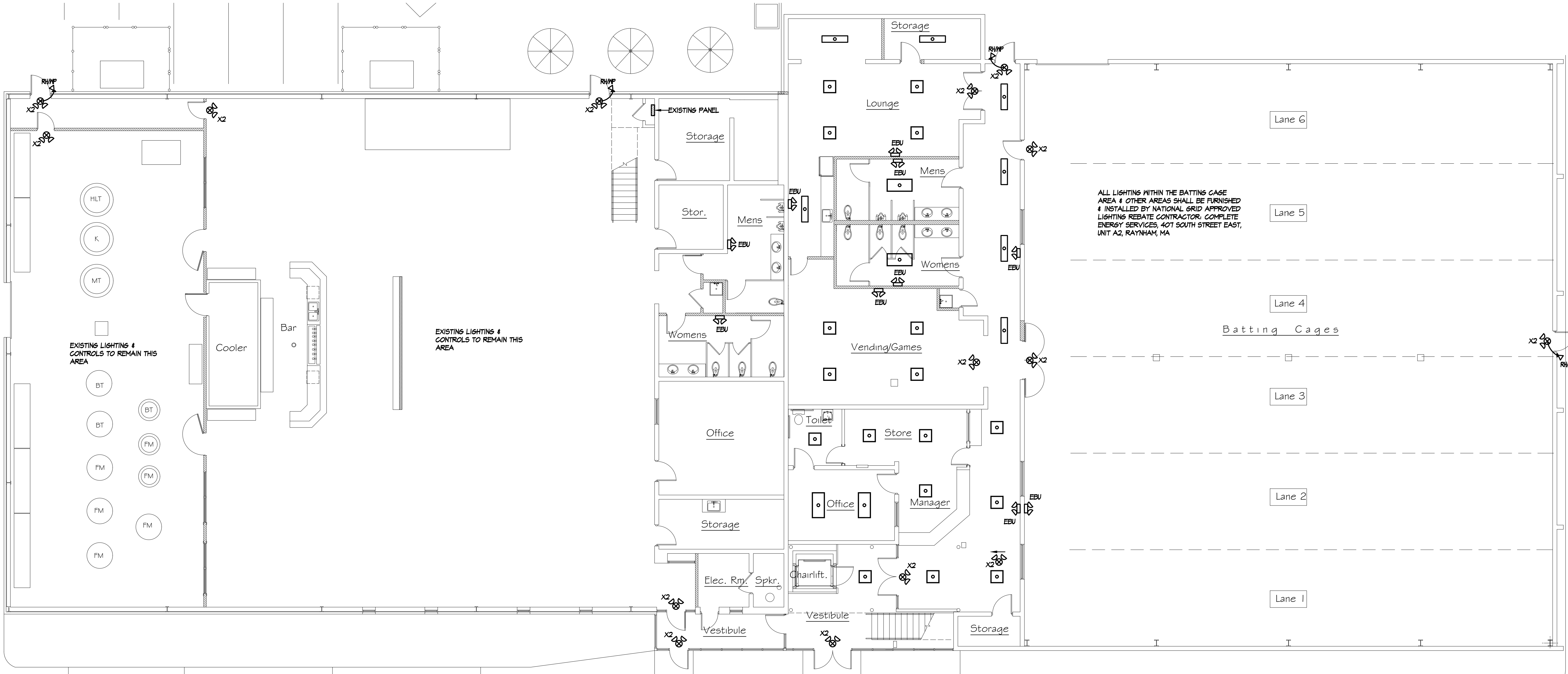
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1	ISSUED FOR PERMIT
2	REVISED PER UTILITY COMMENTS
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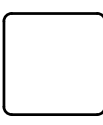
PROJECT:
**ARTICLE 15 BREWING COMPANY &
PATRIOTS ATHLETIC CLUB &
406 VFW DRIVE - ROCKLAND, MA**

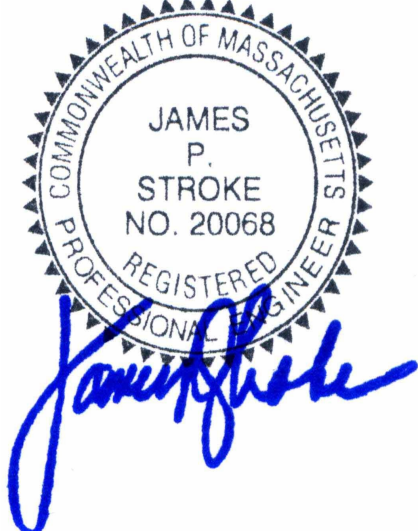
ELECTRICAL
SITE PLAN

THIS DRAWING IS A SINGLE PART OF AN INTEGRATED SET OF CONSTRUCTION DOCUMENTS. REFER TO ALL DRAWINGS AND SPECIFICATIONS AND ANY APPLICABLE MANUFACTURER'S TECHNICAL SPECIFICATIONS. REFER TO ALL NOTES AND REVISIONS. THE ENGINEER'S RESPONSIBILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE ELECTRICAL SYSTEMS SHOWN ON THIS DRAWING. THIS DRAWING IS NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF SOUTH SHORE ENGINEERING TEAM, INC. THIS DRAWING SHALL BE LISTED IN THIS TITLE BLOCK.	SCALE: 1"=20'-0"	DWN BY: GMP	CHKD BY: C.J.M.
DATE: 2/16/2021			

DRAWING NO.:
E-1



 LIGHTING FLOOR PLAN
1/8"=1'-0"



THIS DRAWING IS A SINGLE PART OF AN INTEGRATED SET OF CONSTRUCTION DOCUMENTS. REFER TO ALL DRAWINGS AND SPECIFICATIONS AND ANY APPLICABLE MANUFACTURER'S TECHNICAL SPECIFICATIONS. REFER TO ALL DRAWINGS AND SPECIFICATIONS FOR THE LOCATION AND IDENTIFICATION OF ALL RESPONSIBILITY FOR ALL INFORMATION CONTAINED IN THE SET OF DOCUMENTS. THIS DRAWING IS A PRELIMINARY DESIGN AND IS NOT TO BE SCALED OR USED AS AN AS-BUILT DRAWING. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN AND SHALL NOT BE LIABLE FOR ANY CONSTRUCTION DEFECTS OR OMISSIONS. WITHOUT THE WRITTEN PERMISSION OF SOUTH SHORE ENGINEERING TEAM, INC., THIS DRAWING SHALL NOT BE REPRODUCED OR USED FOR ANY OTHER PROJECT THAN THAT LISTED IN THIS TITLE BLOCK.

SCALE: 1/8"=1'-0"	DWN BY: GMP	CHKD BY: CJA
DATE: 2/16/2021		

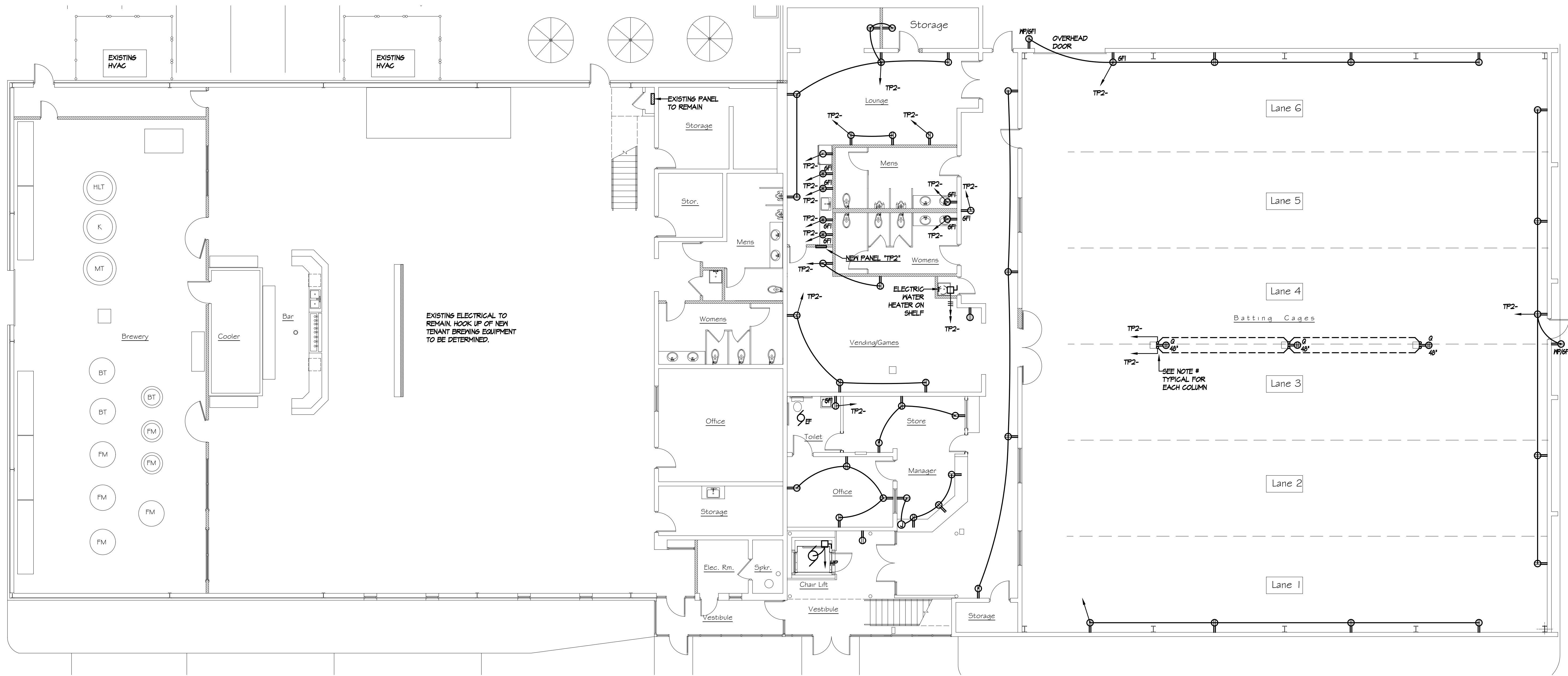
DRAWING NO.: **E-2**

PROJECT: **ARTICLE 15 BREWING COMPANY
PATRIOTS ATHLETIC CLUB &
406 VFW DRIVE - ROCKLAND, MA**

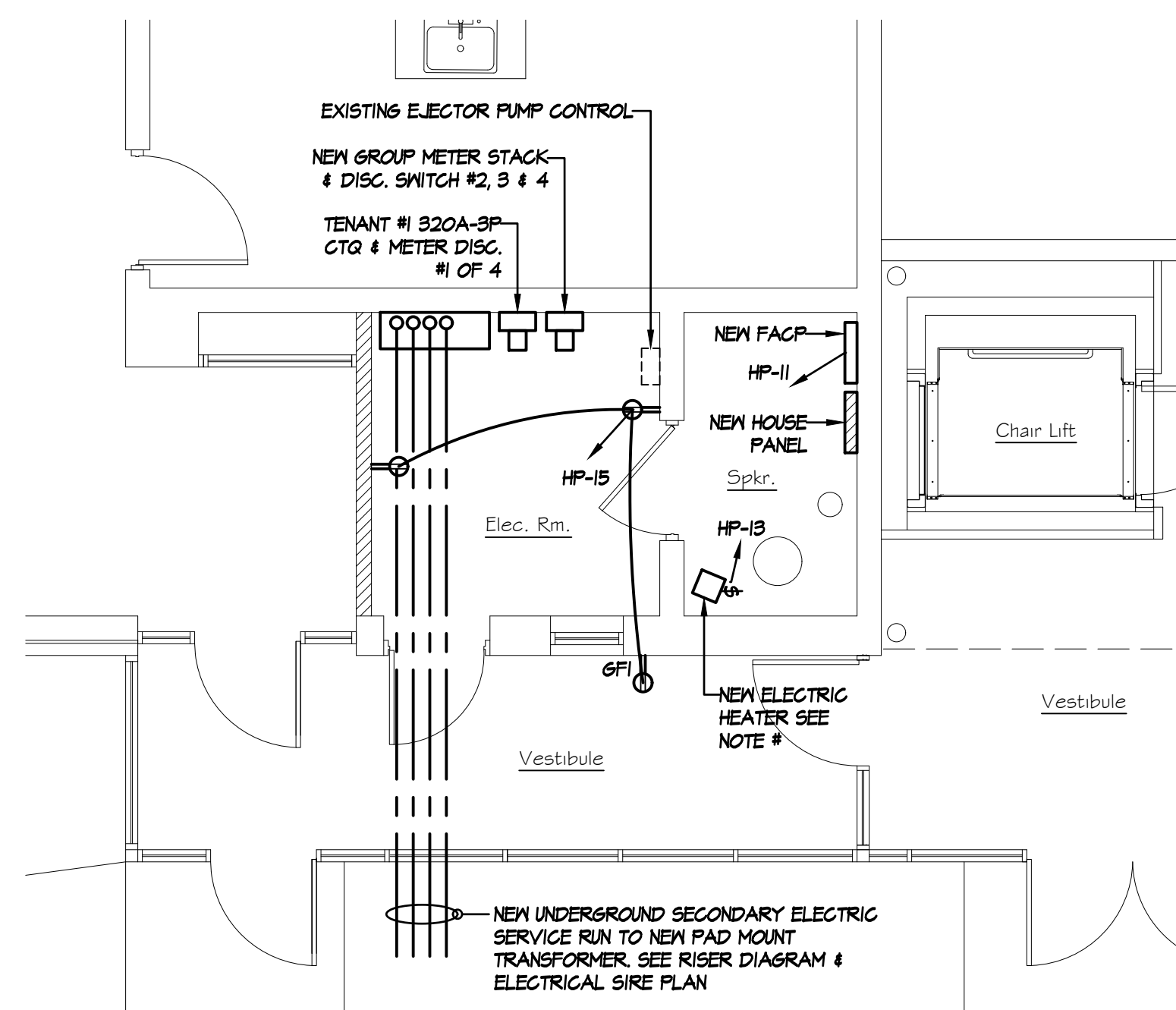
DRAWING TITLE: **ELECTRICAL 1st FLOOR
LIGHTING PLAN**

REV. #	REVISION
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**SOUTH SHORE
ENGINEERING TEAM, INC.**
720 WASHINGTON STREET COLLEGE
PARK - YALE BUILDING - HANOVER, MA 02339
PHONE: 781-351-4680 | FAX: 781-351-4405 | EMAIL: SSETING@GMAIL.COM



POWER FLOOR PLAN
1/8"=1'-0"



ENLARGED ELECTRIC ROOM PLAN
1/4"=1'-0"

**SOUTH SHORE
ENGINEERING TEAM, INC.**
720 WASHINGTON STREET COLLEGE
PARK-YALE BUILDING-HANOVER, MA 02339
PHONE: 781-331-4660 | FAX: 781-331-4455 | EMAIL: SSETING@GMAIL.COM

REV. #	REVISION
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PROJECT:	ARTICLE 15 BREWING COMPANY PATRIOTS ATHLETIC CLUB & 406 VFW DRIVE - ROCKLAND, MA	
	DRAWING TITLE	
	ELECTRICAL 1st FLOOR POWER PLAN	

THIS DRAWING IS A SINGLE PART OF AN INTEGRATED SET OF CONSTRUCTION DOCUMENTS. REFER TO ALL DRAWINGS AND SPECIFICATIONS AND ANY APPLICABLE MANUFACTURER'S TECHNICAL SPECIFICATIONS. REFER TO ALL DRAWINGS FOR ALL INFORMATION CONTAINED IN THE SET OF DOCUMENTS. THIS DRAWING IS A SCHEMATIC AND IS NOT TO BE SCALED OR USED AS AN AS-BUILT DRAWING. SOUTH SHORE ENGINEERING TEAM, INC. AND SHALL NOT BE LIABLE FOR ANY ERRORS OR OMISSIONS IN THIS DRAWING OR FOR ANY DAMAGE TO ANY PROPERTY OR PERSONS WITHOUT THE WRITTEN PERMISSION OF SOUTH SHORE ENGINEERING TEAM, INC. THIS DRAWING SHALL BE USED IN THIS PROJECT THAT THAT LISTED IN THIS TITLE BLOCK.

PANEL "HP"				120/208V, 3PH, 4 WIRE			
100 AMP MAIN LUGS ONLY				PANEL LOCATION: 1st FL. ELECTRIC ROOM			
NO.	C/B	DESCRIPTION	NO.	C/B	DESCRIPTION	NO.	C/B
1	20A/1P	MAIN ENTRANCE VESTIBULE LIGHTING	2	30A/3P	SITE SEWAGE EJECTOR PUMPS		
3	20A/1P	STAIR LIGHTING	4	-----	-----		
5	20A/1P	STAIR LIGHTING	6	-----	-----		
7	20A/1P		8	20A/2P	NEW SITE LIGHTING POLES		
9	20A/1P		10	-----	-----		
11	20A/1P	FIRE ALARM CONTROL PANEL	12	20A/1P	NEW CHAIR LIFT		
13	20A/1P	SPRINKLER ROOM ELECTRIC HEATER	14	20A/1P			
15	20A/1P	ELECTRIC RM & VESTIBULE RECEPTACLES	16	20A/2P	ENTRANCE VESTIBULE A/C		
17	20A/1P	SPARE	18	-----	-----		
19	20A/1P	SPARE	20	20A/1P	SPARE		
21	-----	SPACE	22	20A/1P	SPARE		
23	-----	SPACE	24	-----	SPACE		
25	-----	SPACE	26	-----	SPACE		
27	-----	SPACE	28	-----	SPACE		
29	-----	SPACE	30	-----	SPACE		
31	-----	SPACE	32	-----	SPACE		
33	-----	SPACE	34	-----	SPACE		
35	-----	SPACE	36	-----	SPACE		
37	-----	SPACE	38	-----	SPACE		
39	-----	SPACE	40	-----	SPACE		
41	-----	SPACE	42	-----	SPACE		

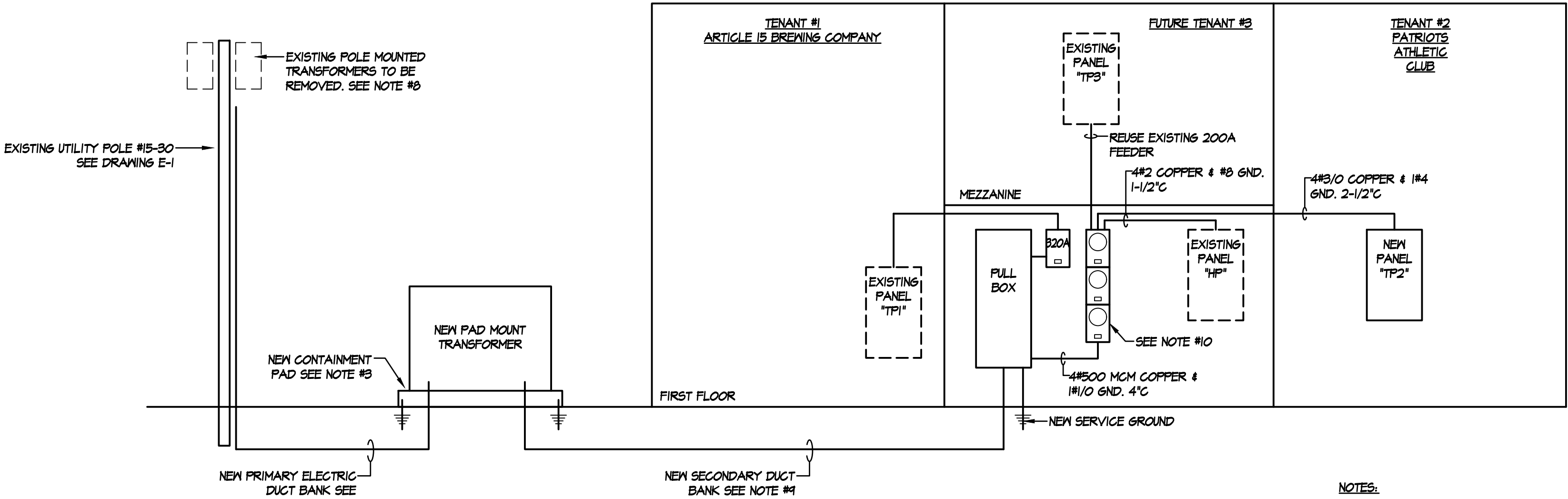
PANEL "TP1"				2T/480 120/208V, 3PH, 4 WIRE			
? AMP MAIN BREAKER MAIN LUGS ONLY (				A.I.C)			
PANEL LOCATION:				PANEL LOCATION:			
NO.	C/B	DESCRIPTION	NO.	C/B	DESCRIPTION	NO.	C/B
1	20A/1P		2	-	-		
3	?A/2P		4	-	-		
5	-----	-----	6	-	-		
7	?A/3P		8	-	-		
9	-----	-----	10	-	-		
11	-----	-----	12	-	-		
13	-	-	14	-	-		
15	-	-	16	-	-		
17	-	-	18	-	-		
19	-	-	20	-	-		
21	-	-	22	-	-		
23	-	-	24	-	-		
25	-	-	26	-	-		
27	-	-	28	-	-		
29	-	-	30	-	-		
31	-	-	32	-	-		
33	-	-	34	-	-		
35	-	-	36	-	-		
37	-	-	38	-	-		
39	20A/1P	SPARE	40	-	-		
41	-----	SPACE	42	-	-		

PANEL "TP2"				120/208V, 3PH, 4 WIRE			
200 AMP MAIN LUGS ONLY				PANEL LOCATION: 1st FLOOR			
NO.	C/B	DESCRIPTION	NO.	C/B	DESCRIPTION	NO.	C/B
1	20A/1P	BATTING CAGE LIGHTING	2	20A/1P			
3	20A/1P	BATTING CAGE LIGHTING	4	20A/1P			
5	20A/1P	BATTING CAGE LIGHTING	6	20A/1P			
7	20A/1P	BATTING CAGE LIGHTING	8	20A/1P			
9	20A/1P	BATTING CAGE LIGHTING	10	20A/1P			
11	20A/1P	BATTING CAGE LIGHTING	12	20A/1P			
13	20A/1P	BATTING CAGE LIGHTING	14	20A/1P			
15	20A/1P	BATTING CAGE LIGHTING	16	20A/1P			
17	20A/1P	BATTING CAGE LIGHTING	18	20A/1P			
19	20A/1P	BATTING CAGE LIGHTING	20	20A/1P			
21	20A/1P	SPARE	22	20A/1P			
23	20A/1P	SPARE	24	20A/1P			
25	?A/3P	HYAC #	26	20A/1P			
27	-----	-----	28	20A/1P			
29	-----	-----	30	20A/1P	EXIT LIGHTING		
31	-----	SPACE	32	-----	SPACE		
33	-----	SPACE	34	-----	SPACE		
35	-----	SPACE	36	-----	SPACE		
37	-----	SPACE	38	-----	SPACE		
39	-----	SPACE	40	-----	SPACE		
41	-----	SPACE	42	-----	SPACE		

LIGHTING FIXTURE SCHEDULE									
TYPE	DESCRIPTION	MANUFACTURER	MODEL NO.	LED LAMPING			MOUNTING	VOLTS	REMARKS
				WATTAGE	COLOR	LUMENS			
A4	LED 2'x4'	.	.	W	K	.	SURFACE	.	.
A2	LED 2'x2'	.	.	.	.	.	SURFACE	.	.
B	LED 1'x4'	.	.	.	.	.	SURFACE	.	.
.	LED EXTERIOR WALL PAK	.	.	.	.	.	.	.	.
X2	LED EXIT SIGN	.	.	.	.	.	UNIVERSAL	.	.
RH/MP	REMOTE EMERGENCY HEAD	.	.	.	.	.	SURFACE	.	.

ELECTRICAL SPECIFICATIONS

- OBTAIN AND PAY FOR ALL NECESSARY PERMITS, INSPECTIONS & UTILITY CO. BACK CHARGES.
- THE ELECTRICAL CONTRACTOR SHALL BE COMPLETELY INSURED FOR ALL LIABILITY.
- ALL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE, MASS, STATE ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES.
- ALL BRANCH CIRCUIT WIRING SHALL BE COPPER #12 TH MINIMUM IN METALLIC RACEWAY 1/2" MINIMUM WHERE EXPOSED & MC CABLE WHERE CONCEALED. PROVIDE ALL REQUIRED HANGERS, ANCHORS, ETC.
- ALL WIRING DEVICES SHALL BE MINIMUM 20 AMP-120 VOLT GROUNDED TYPE SPECIFICATION GRADE TAMPER RESISTANT. COMPLETE WITH DEVICE PLATES. SPECIAL PURPOSE OUTLETS SIZE AS CALLED FOR ON DRAWINGS. ALL DUPLEX RECEPTACLES WITHIN FIVE FEET OF SINKS OR WATER SHALL BE 20 AMP-120 VOLT GROUND FAULT.
- FURNISH & INSTALL ALL LIGHTING FIXTURES, COMPLETE WITH LAMPS, AS NOTED. PROVIDE ALL NECESSARY SUPPORTS, CLAMPS, ETC. FOR PROPER SUPPORT OR ATTACHMENT OF FIXTURES, ETC. ALL FIXTURES SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING SYSTEM DIRECTLY TO STRUCTURE. ALL LIGHTING FIXTURES SHALL CONFORM TO ANY APPLICABLE UTILITY CO. REBATE PROGRAMS.
- PROVIDE ALL GROUNDING OF ELECTRICAL SYSTEM AND EQUIPMENT IN ACCORDANCE WITH APPLICABLE CODES.
- ALL MATERIALS & WORK SHALL BE GUARANTEED FOR A PERIOD OF (1) YEAR FROM DATE OF FINAL ACCEPTANCE.
- PANEL BOARDS SHALL BE BOLT-ON CIRCUIT BREAKER TYPE, COPPER BUS BARS. PANEL BOARDS SHALL BE "N LAB" TYPE. PROVIDE WITH TRIM & LOCKING DOOR IN DOOR & WITH TYPEDWRITTEN DIRECTORY.
- RECEPTACLES INDICATED BY "G.F.I." SHALL BE GROUND FAULT INTERRUPTER TYPE.
- EQUIPMENT INDICATED BY "W.P." SHALL BE WEATHERPROOF.
- RECEPTACLES INDICATED "TP" SHALL BE TAMPER PROOF.
- RECEPTACLES INDICATED "AF" SHALL BE ARC FLASH RATED.
- CONTRACTOR SHALL KEEP PREMISES CLEAN OF ALL DEBRIS CAUSED BY HIS WORK AT ALL TIMES.
- ELECTRICAL CONTRACTOR SHALL VISIT THE SITE DURING THE BID PERIOD AND COORDINATE EXACT EXTENT OF DEMOLITION WORK AND CARRY AMOUNT IN BID.
- PROVIDE TEMPORARY LIGHTING AND POWER IN BID AMOUNT PER OSHA, STATE AND LOCAL CODES.
- ELECTRICAL CONTRACTOR SHALL SUBMIT TO GENERAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT, MATERIALS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: LIGHTING FIXTURES, SWITCHES, RECEPTACLES, BOXES, WIRING, SWITCH GEAR, PANELS, HANGERS & SUPPORTS, METERING EQUIPMENT ETC.



NOTES:

- ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL PRIMARY POWER & COMMUNICATIONS DUCT BANKS AS SHOWN ON DRAWINGS AND AS DESCRIBED IN SPECIFICATIONS. ALL SHALL BE INSTALLED IN ACCORDANCE WITH UTILITY CO. STANDARDS AND REQUIREMENTS. ALL EXCAVATION AND BACKFILL AND CONCRETE ENCASEMENT BY G.C. ALL DUCT BANKS SHALL BE INSPECTED BY UTILITY CO. PRIOR TO CONCRETE ENCASEMENT.
- ALL PRIMARY CABLE AND TERMINATIONS BY UTILITY COMPANY. COORDINATE ALL WORK AND PRIMARY CABLE WITH UTILITY CO.
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- ALL ELECTRIC UTILITY BACK CHARGES FOR INSTALLATION OF TRANSFORMER AND PRIMARY CABLE SHALL BE PAID FOR BY OWNER.
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- REFER TO ELECTRICAL RISER DIAGRAM FOR ADDITIONAL INFO.
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- SECONDARY DUCT BANK CONSISTS OF (2) 4" CONDUITS WITH #4500 MCM XHHW COPPER IN EACH & (2) 4" SPARES ALL CONCRETE ENCASED.

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ENGINEERING TEAM, INC.
720 WASHINGTON STREET COLLEGE
PARK - YALE BUILDING - HANOVER, MA 02339
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REV. #	REVISION
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PROJECT:
ARTICLE 15 BREWING COMPANY
PATRIOTS ATHLETIC CLUB &
406 VW DRIVE - ROCKLAND, MA

DRAWING TITLE
ELECTRICAL
SCHEDULES & DETAILS

THIS DRAWING IS A SINGLE PART OF AN INTEGRATED SET OF CONSTRUCTION DOCUMENTS. REFER TO ALL DRAWINGS AND SPECIFICATIONS AND ANY APPLICABLE MANUFACTURER'S TECHNICAL SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INFORMATION CONTAINED IN THE SET OF DOCUMENTS. THIS DRAWING IS A SCHEMATIC AND IS NOT TO BE SCALED OR USED AS AN AS-BUILT DRAWING. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS ON-SITE WITHOUT THE WRITTEN PERMISSION OF SOUTH SHORE ENGINEERING TEAM, INC. THIS DRAWING SHALL BE LISTED IN THIS TITLE BLOCK.	SCALE: NO SCALE	DWN BY: GMP	CHKD BY: CJM
	DATE: 2/16/2021		

DRAWING NO.:

E-4