CITY OF ALBANY CLINTON COUNTY, KENTOCKY

HOSPITAL STREET LIFT STATION **REPLACEMENT PROJECT** JUNE 2025

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UTILITY CONTACT INFORMATION

SOUTH KENTUCKY RECC - ELECTRIC - (800) 264-5112 ALBANY WATER WORKS - WATER AND WASTEWATER - (606) 387-6011

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PRO * PRO	Awaith of resources to master a common goal.					
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Signature	Signature Date					
CITY OF ALBANY CLINTON COUNTY, KENTUCKY	CITY OF ALBANY LINTON COUNTY, KENTUCKY HOSPITAL STREET LIFT STATION REPLACEMENT PROJECT					
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GENERAL ABBREVIATIONS

А	AIR	G	GAS	SAN	SANITARY
AB	ANCHOR BOLT	GALV	GALVANIZED	SAS	SANITARY SEWER
AFF	ABOVE FINISH FLOOR	GEN	GENERAL	SCH	SCHEDULE
		GRD		SECT	SECTION
		OND		SE	SOUMPE FEET
		ЦВ		оі сыт	
				SL SOC	
		HP	HORSEPOWER	505	
AUTO	AUTOMATIC	HVV	HOT WATER	SP	STOP PLATE
AVG	AVERAGE			SQ	SQUARE
		ID	INSIDE DIAMETER	STD	STANDARD
В	BAFFLE	IJ	ISOLATION JOINT	S STL, SS	STAINLESS STEEL
BLDG	BUILDING	INV	INVERT	STL	STEEL
BM	BENCH MARK	IP	IRON PIN	SUP	SUPERNATANT
BOT	BOTTOM			SY	SQUARE YARD
BRG	BEARING	LAV	LAVATORY		
		LB	POUND	TOS	TOP OF SLAB
CFM	CUBIC FEET PER MINUTE	LL	LIVE LOAD	TOW	TOP OF WALL
CI	CENTERLINE		LONG LEG VERTICAL	TW	TERTIARY WATER
00					
		LIG	LIGITTING	TTE	TTTICAL
	CONCRETE			M	
		MAA		V	
COP		MCC		VAR	VARIES
CJ	CONSTRUCTION JOINT	MGD	MILLION GALLONS PER DAY	VERI	VERTICAL
CP	CONTROL POINT	MH	MANHOLE		
CW	COLD WATER	MIN	MINIMUM, MINUTE	W	WEIR
CY	CUBIC YARD	MJ	MECHANICAL JOINT	W/	WITH
				W/O	WITHOUT
D	DRAIN	NC	NORMALLY CLOSED	WAS	WASTE ACTIVATED SLUDGE
DEC	DECANT	NG	NATURAL GAS	WC	WATER CLOSET
DIA	DIAMETER	NIC	NOT IN CONTRACT	WH	WATER HEATER
DIM	DIMENSION	NO	NORMALLY OPEN	WL	WATER LINE
DI	DUCTILE IRON PIPE	NO	NUMBER	WWF	WEI DED WIRE FABRIC
		NPW	NON-POTABLE WATER		
DSPT				νн	YARD HYDRANT
	DRAWING	00			
DWG	DIAMINO				
F					
		OFG			
		OPP	OPPOSITE		
EF					
		PB	PULL BOX		
EL	ELEVATION	PE	POLYETHYLENE EXP. JT. MATERIAL		
EW	EACH WAY	P/L	PROPERTY LINE		
EX	EXISTING	POJ	PUSH ON JOINT		
EXF	EXHAUST FAN	PSF	POUNDS PER SQUARE FOOT		
EXP JT	EXPANSION JOINT	PSI	POUNDS PER SQUARE INCH		
		PVC	POLYVINYL CHLORIDE		
F	FILTER	PW	POTABLE WATER		
FCAR	FLANGED COUPLING ADAPTER,				
	RESTRAINED	R	RECIRULCATION		
FD	FLOOR DRAIN	RAD	RADIUS		
FDN	FOUNDATION	RAS	RETURN ACTIVATED SLUDGE		
FFF	FINISHED FLOOR FLEVATION	RCP			
FH	FIRE HYDRANT	RD			
		K/W (ROW) KIGHT-UF-WAY		
FM					
FRP	FIBER REINFORCED PLASTIC				
FT	FEET OR FOOT				

GENERAL SCHEMATIC LEGEND

<u>[</u> ===:	QUICK DISCONNECT	σ	BOOSTER PUMP
	FLANGED SPOOL SECTION		AIR RELIEF VALVE
	PRESSURE REDUCER VALVE	FM	FLOW METER
	FLANGED COUPLING ADAPTER	$\overset{GV}{\bigvee}$	GATE VALVE
Z	BALL CHECK VALVE	FCV	FLOW CONTROL VALVE
${\mathbb M}$	MOTOR ACTUATOR	\bowtie	VALVE
	FLEXIBLE CONNECTION	\bowtie	ECCENTRIC PLUG VALVE
SCR	FLANGE FILLER & S.S. MESH SCREEN		CHECK VALVE
W V90	90° V-NOTCH WEIR	∇	INCREASER / REDUCER
M	MAGNETIC FLOW METER	BV	BUTTERFLY VALVE
	ULTRASONIC SENSOR	ЭE	PIPE THROUGH FLOOR / WALL
چ ک	SUBMERSIBLE PUMP	၃	BALL VALVE
	NEW PIPING AND EQUIPMENT	╟─	BLIND FLANGE OR PLUG
	EXISTING PIPING AND EQUIPMENT		HOSE BIBB
	FUTURE PIPING AND EQUIPMENT		STOP PLATE
			WEIR

FTG

FW

FOOTING

FINISHED WATER

GENERAL NOTES

- 1. ALL PROPERTY AND RIGHT-OF-WAY LINES INFORMATION SHOWN IN DRAWING SET ARE APPARENT AND SHALL NOT BE DEEMED EXACT LOCATIONS, UNLESS OTHERWISE NOTED. INFORMATION WAS OBTAINED VIA "INDIANA ON-LINE" GIS WEBSITE. 2. EXISTING UTILITY INFORMATION SHOWN IN DRAWING SET, MEETS "ASCE 36-02" QUALITY LEVEL "D", UNLESS OTHERWISE NOTED. UTILITY COORDINATION AND PROJECT DEPICTION OF EXISTING SUBSURFACE UTILITY DATA: UTILITY QUALITY LEVEL DESCRIPTIONS: UTILITY QUALITY LEVEL A - PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES
 - OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATIONS OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. ACCURACY OF LOCATION MATCHES PROJECT SURVEY TOLERANCE. UTILITY QUALITY LEVEL B - INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION SUBSURFACE UTILITIES. THE RELIABILITY OF THIS INFORMATION IS SURVEYED TO PROJECT CONTROL AND SUBJECT TO ACCURACY LEVELS OF THE GEOPHYSICAL TOLERANCE DEFINED BY THE PROJECT.
 - UTILITY QUALITY LEVEL C INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE GROUND UTILITY FEATURES AND CORRELATING QUALITY LEVEL "D" INFORMATION. UTILITY QUALITY LEVEL D - INFORMATION DERIVED FROM EXISTING RECORDS OR VERBAL **RECOLLECTIONS.**
- 3. NORTHING AND EASTING COORDINATES SHOWN ON ALL MANHOLE, INLETS, ETC. ARE SHOWN FROM CENTER OF STRUCTURE NOT CASTING, UNLESS OTHERWISE NOTED.

PROJECT NOTES

- 1. BURIED UTILITIES MAY BE IN THE PROJECT AREA. CONTRACTOR SHALL MARK ALL UTILITIES BEFORE CONSTRUCTION, PRIOR TO ANY EXCAVATION TAKING PLACE ON SITE, CONTACT KENTUCKY UNDERGROUND 811 AND THE APPROPRIATE UTILITY COMPANY FOR LOCATION OF ALL LINES. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL RESIDENTS OF INTERRUPTION TO THEIR UTILITIES THAT WILL BE OR IS CAUSED BY CONSTRUCTION.
- 2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL SUBMIT ALL LOCATIONS AND ELEVATIONS OF SAID UTILITIES TO ENGINEER TO ALLOW ENGINEER TO MAKE ANY NECESSARY ALIGNMENT ADJUSTMENTS PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL REPORT, IN WRITING TO THE ENGINEER, ANY CHANGE IN SITE CONDITIONS THAT MAY POTENTIALLY AFFECT THE SANITARY FACILITIES INSTALLATION.
- 3. AS SPECIFIED IN THE WORKMANSHIP AND MATERIALS SECTION 2, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UNDERGROUND UTILITIES, INCLUDING BUT NOT LIMITED TO: EXISTING UNDERGROUND TELEPHONE, FIBER OPTIC CABLES, STORM SEWERS AND STRUCTURES, CABLE TV, ELECTRICAL. WATER FACILITIES AND STRUCTURES, GAS AND SANITARY SEWERS AND STRUCTURES. IN SOME INSTANCES, CONTRACTOR MAY BE REQUIRED TO RUN NEW SEWER FACILITIES PARALLEL AND UNDERNEATH BURIED CABLES, ELECTRICAL FACILITIES AND FIBER OPTICS, AS WELL AS ABOVE GROUND ELECTRICAL BOXES AND CABLE PEDESTALS. CONTRACTOR SHALL NOTIFY UTILITY OWNER(S) TO VERIFY TECHNIQUES ACCEPTABLE TO TEMPORARILY SHORE/BRACE OR TEMPORARILY OR PERMANENTLY RELOCATE THESE FACILITIES TO ACCOMMODATE THE SANITARY FACILITY INSTALLATION. CONTRACTOR SHALL CONTACT RESPECTIVE UTILITY TO TEMPORARILY HOLD OR SHORE EXISTING UTILITY POLES (AND GUY ANCHORS) THAT COULD POTENTIALLY BE AFFECTED BY OPEN CUT EXCAVATIONS. CONTRACTOR SHALL REPAIR AND/OR REPLACE ALL DAMAGED UTILITIES AT CONTRACTOR'S EXPENSE.

HATCHING SYMBOLS

-CMU WALL (PLAN VIEW) -GRANULAR BACKFILL (PROFILE VIEW) DEMOLITION (CONTRACTOR SHALL REFER TO DETAILED SPECIFICATIONS)

GROUT

- CONCRETE

- STEEL

- COMPACTED GRANULAR BACKFILL OR COMPACTED FOUNDATION

ABANDONED IN PLACE

EXOHT EXOHT
——————————————————————————————————————
EXW EXWX
EXF/O EXF/O
EXOHE EXOHE
EXBE EXBE
NPW NPW
— POT — POT — POT —
EXBT
xxxx
APP. R/W
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- AGENCIES AND PERMITS.

- MATERIAL WITH OBJECTIONABLE MATERIAL.
- WATER MAIN).
- PROPER O.S.H.A. CLEARANCE REQUIREMENTS.
- REQUIREMENTS PRIOR TO CONSTRUCTION.
- SHALL BE CONTACTED IMMEDIATELY.
- WORK IS NOT BEING PERFORMED AT THE SITE.

DRAWING SET LEGEND

EXISTING OVERHEAD TELEPHONE LINE	0	AC UNIT	\bigcirc	TELEPHONE MANHOLE
EXISTING GAS LINE AND VALVE	0	BOLLARD	\Diamond	TELEPHONE LINE MARKER
EXISTING WATER LINE AND VALVE	\bigcirc	BOULDER / LARGE ROCK	®	TRAFFIC MANHOLE
EXISTING FIBER OPTIC LINE	⊠CL	CENTER LINE MONUMENT	\otimes	WATER LINE MARKER
EXISTING OVERHEAD ELECTRIC LINE	Ð	CONTROL POINT / BENCH MARK	\bigcirc	WATER METER
EXISTING BURIED ELECTRIC	۲	DRILL HOLE	₩V X	VALVE
EXISTING NON-POTABLE WATER LINE	MB	MAIL BOX	×	IRRIGATION CONTROL VALVE
EXISTING POTABLE WATER LINE	D	FLAG POLE	V	FIRE HYDRANT
EXISTING BURIED TELEPHONE LINE	0	POST	F	FLUSH HYDRANT
EXISTING FENCE	0	STUMP	\heartsuit	YARD HYDRANT
APPARENT RIGHT-OF-WAY	දු	BUSH / HEDGE	\bowtie	WALL SPIGOT
APPARENT PROPERTY LINE	\bigcirc	DECIDUOUS TREE	-	EXISTING PIPE PLUG
EDGE OF ROAD		CONIFEROUS TREE		STORM CATCH BASIN (SQUARE)
		SIGN	\bigcirc	STORM CATCH BASIN (ROUND)
EDGE OF ROAD WITH CURB	₫	UTILITY LOCATE FLAG		STORM CURB INLET
	Ô	GAS LINE MARKER	\bigcirc	STORM MANHOLE
EXISTING MAJOR CONTOUR LINE	GV	GAS VALVE	S	SANITARY MANHOLE
EXISTING MINOR CONTOUR LINE	©	GAS METER	sv X	SANITARY VALVE
NEW WATER LINE	-•	GUY POLE	۲	CLEANOUT
NEW SANITARY SEWER LINE	Ø	POWER POLE	X	VENT
NEW FORCE MAIN	어	LIGHT POLE	X	NEW VALVE
PROPOSED MAJOR CONTOUR LINE	\leftarrow	GUY WIRE	<u></u>	NEW FIRE HYDRANT
PROPOSED MINOR CONTOUR LINE	EM	ELECTRIC METER	F	NEW FLUSH HYDRANT
		ELECTRIC PANEL		NEW WET SADDLE AND VALVE BODY
	ET	ELECTRIC TRANSFORMER	0	NEW PLUG
	\bigcirc	HAND HOLE BOX	LS	NEW LINE STOP
PICAL INFORMATION,	È	FIBER OPTIC MARKER	00	NEW CUT AND CAP

TP TEL/TV PEDESTAL

NEW SANITARY MH

DISCLAIMER NOTE: THIS DRAWING REFLECTS TYP SOME MAY NOT BE APPLICABLE TO THIS PROJECT.

PROJECT NOTES CONT.

4. THE CONTRATOR SHALL BE RESPONSIBLE FOR MEETING ALL REQUIREMENTS OF GOVERNMENT

5. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND / OR ORDERING MATERIAL AND REPORT ANY DISCREPANCIES TO THE ENGINEER IN WRITING.

6. WHERE SEWER FACILITIES ARE SHOWN IN STREET, ROAD AND/OR ALLEY RIGHTS-OF-WAY OR DEDICATED EASEMENTS, CONSTRUCTION SHALL BE LIMITED TO SAID RIGHTS-OF-WAY UNLESS SHOWN OTHERWISE.

7. DURING EXCAVATION OPERATIONS, SEGREGATE ALL TOPSOIL AND STOCKPILE FOR SUBSEQUENT USE IN AREAS TO BE SEEDED OR SODDED. EXTRA CARE SHALL BE TAKEN TO AVOID MIXING STOCKPILED

8. CONTRACTOR SHALL MAINTAIN 18" MINIMUM VERTICAL SEPARATION AND 10' MINIMUM HORIZONTAL SEPARATION BETWEEN EXISTING WATER MAIN AND NEW SANITARY SEWER. WHEN CROSSING VERTICALLY, SEWER SHALL BE LOCATED BELOW WATER MAIN AND SEWER SHALL HAVE PIPE JOINTS L<mark>O</mark>CATE<mark>D</mark> AS FAR AS POSSIBLE FROM THE WATER MAIN (ONE FULL SEWER PIPE LENGTH CENTERED AT

WHEN CROSSING UNDER OR WORKING NEAR OVERHEAD POWER LINES, CONTRACTOR SHALL MAINTAIN

CONTRACTOR SHALL MAINTAIN VERTICAL AND HORIZONTAL SEPARATION AS REQUIRED BY RESPECTIVE GAS UTILITY COMPANY. CONTRACTOR SHALL CONTACT AND DETERMINE ACCEPTABLE CROSSING

11. THE CONTRACTOR SHALL TAKE ALL RESPONSIBILITY FOR ANY INJURY OR DAMAGE RESULTING TO PERSONS OR PROPERTY BECAUSE OF SUCH WORK.

12. NO VISIBLE, ABOVE GROUND EVIDENCE OF CEMETERIES WERE OBSERVED AT THE SUBJECT PROPERTY, BUT THIS DOES NOT PRECLUDE THEIR EXISTENCE. IF ANY ITEMS OF ARCHAEOLOGICAL SIGNIFICANCE ARE ENCOUNTERED DURING CONSTRUCTION, THE ENGINEER ALONG WITH THE PROPER AUTHORITIES

13. THE CONTRACTOR SHALL CONTACT THE ALBANY SEWER UTILITY OR THEIR DULY ASSIGNED REPRESENTATIVES (2) DAYS BEFORE CONSTRUCTION IS STARTED. THE CONTRACTOR SHALL REPORT. TO THE RESPECTIVE UTILITY, ANY BREAKS, LEAKS, DENTS, OR ANY DAMAGE TO THEIR FACILITIES. THE CONTRACTOR SHALL GIVE DAILY NOTICE, TO THE OWNER OR DULY ASSIGNED REPRESENTATIVE, WHEN

14. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING AND CHECKING ALL ELEVATIONS AND STRUCTURE LOCATIONS PRIOR TO THE START OF CONSTRUCTION.

15. FOR EXCAVATIONS, CONTRACTOR SHALL PROVIDE GRANULAR OR FLOWABLE BACKFILL AS SHOWN ON PLANS, REQUIRED BY PERMIT AGENCIES OR AS SPECIFIED IN DETAILED SPECIFICATIONS.

16. DEFLECTION TESTING AND LOW-PRESSURE AIR TESTING WILL BE CONDUCTED FOR THE SMALL PORTION OF GRAVITY SEWER TO CONNECT THE MANHOLE TO THE WET WELL.





File: Zi/SHARED/KY CLIENTS A-L/ALBANYID S25065 HOSPITAL LS REPLACEMENT PROJECT/06 CAD\A CURRENT FILES\1 DRAWINGS\02- SITE PLANS.DWG Savide: 7/8/2005 3:10:35 DM DPHide: 7/8/2005 3:31:55 DM Current Lise: Tay Tohnson TastSavidRy; iiloheson





1. SITE DRAINAGE - CONTRACTOR SHALL GENERALLY SLOPE GRADE AWAY FROM TOP OF

		annunununununununununununununununununun	unter BROST			A wealth of resources to master a common goal.	https://commonwealthengineers.com/	TEER * XYON			
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GRAVITY SEWER PROFILE

40'

60'

0 10' 20'





- 4. THE GEOTEXTILE SHALL BE FREE FROM DEFECTS, TEARS, PUNCTURES, FLAWS, DETERIORATION OR DAMAGE INCURRED DURING MANUFACTURE, TRANSPORTATION, STORAGE, OR INSTALLATION.
- 5. TIE BACKS SHALL BE PLACED AS REQUIRED.











TRENCH DETAIL FOR WATER AND SEWER MAINS

SANITARY SEWER MANHOLE FRAME AND COVER NOT TO SCALE

DLE D STING INTERIOR CH AND NNELS SHALL BE DIFIED TO OMMODATE NEW E FLOW LINE. W LINE SHALL BE RE-DRILLED WHEN HOLE WALL IS RE-DRILLED WHEN HOLE WALL IS RE-DRILLED TO ATE A SMOOTH W TRANSITION. E UTILITY WILL REFY THE NDITION OF THE CAST BASE PRIOR THE DIFICATIONS OF		<text></text>
E INTERIOR BENCH VERIFY PUCTURAL EGRITY. THE LITY RESERVES E RIGHT TO DUEST THAT THE E SECTION BE MPLETELY LACED IN ITS TRETY. RY SEWER PIPE		
<u>Ι</u>		CITY OF ALBANY CLINTON COUNTY, KENTUCKY HOSPITAL STREET LIFT STATION REPLACEMENT PROJECT
ND SMOOTH SIDE WALLS, LIC CEMENT E OF WALLS.	- EPDM SEAL ELEMENT - 316 STAINLESS STEEL FASTENING HARDWARE - REINFORCED NYLON POLYMER PRESSURE PLATES - CORE DRILLED HOLE	By Date © 2025 BY COMMONWEALTH Image: Source of the second structure of the second structu
ES: CTROMETRIC ELEMENT AND LINK-SEAL APPARATUS FOR ATIBLE FOR HIGH TEMPERATURE APPLICATIONS - FOR WALL PENETRATIONS (EXISTING WALLS) CONVEYING SEAL EQUIVALENT, SHALL BE GROUTED SMOOTH, AND ING AGENT APPLIED. EAL WITH CORE DRILLED HOLE LE	- CONCRETE REQUIRED OR ALL LINES S PIPE SHALL UTILIZE A D SHALL HAVE A	uiginal
		Drawing No:

Sheet: 9 OF 14

			LEGEND	
	(GENERAL NOTES APPLICABLE TO ALL ELECTRICAL SHEETS)	SYMBOL		MTG HGT AFI TO CL, UON
	1. CONTRACTOR SHALL EXAMINE NOT ONLY PLANS AND SPECIFICATIONS FOR ELECTRICAL AND INSTRUMENTATION, BUT PLANS AND SPECIFICATIONS FOR OTHER DELECTRICAL AND INSTRUMENTATION, BUT PLANS AND SPECIFICATIONS FOR OTHER		CONNECTED TO NORMAL POWER: FIXTURE TYPE DETERMINES MOUNTING.	
	CONDITIONS INCLUDING EXISTING CONDITIONS. EXECUTION OF CONTRACT IS EVIDENCE THAT THE CONTRACTOR HAS EXAMINED ALL DRAWINGS AND		SINGLE DIAGONAL LIGHTING FIXTURE SYMBOLOGY DENOTING FIXTURES CONNECTED TO CRITICAL OR EQUIPMENT BRANCH (OR EMERGENCY	
	SPECIFICATIONS AND THAT ALL CONDITIONS OF INSTALLING THE WORK IN THIS SECTION ARE VERIFIED. LATE CLAIMS FOR LABOR AND MATERIALS REQUIRED DUE		POWER), UON: FIXTURE TYPE DETERMINES MOUNTING. DOUBLE DIAGONAL LIGHTING FIXTURE SYMBOLOGY DENOTING	
C(MAINTAINED CONTACT)	EXAMINATIONS BEEN MADE WILL NOT BE RECOGNIZED.		POWER), UON: FIXTURE TYPE DETERMINES MOUNTING.	
IENTARY CONTACT SPRING	 THE DRAWINGS ARE DIAGRAMMATIC AND ARE NOT INTENDED TO INCLUDE EVERY DETAIL OF REQUIRED CONSTRUCTION, EQUIPMENT, AND MATERIALS. PROVIDE ALL 		BATTERY POWERED EMERGENCY LIGHTING UNIT	7'-6"
TACT) INTAINED CONTACT)	MATERIALS AND WORK NOT SPECIFICALLY MENTIONED, SHOWN, OR CAN BE REASONABLY INFERRED ON THE DRAWINGS BUT WHICH ARE NECESSARY TO FULLY COMPLETE THE WORK	<u> </u>	RQMTS, SHADING DENOTES FACE(S) ORIENTATION. WALLWASH OR OTHER DIRECTIONALLY ADJUSTABLE/AIMABLE FIXTURE:	
FACE LEVEL	3. WHEN SUBSTITUTING OTHER EQUIPMENT, MATERIALS, AND PRODUCTS THAN		OPEN SIDE DENOTES ORIENTATION. TYPE DETERMINES MOUNTING.	
	SPECIFIED IN THE CONTRACT DOCUMENTS, INCLUDE IN PRICING ALL COSTS FOR OTHER DESIGN CHANGES TO THE PROJECT (ALL DIVISIONS) WHICH WILL RESULT	। • • • •	POLE-MOUNTED SITE LIGHTING FIXTURE: TYPE DETERMINES MTG.	
	FROM USE OF THE SUBSTITUTED ITEM(S).	⊲	FLOOD LIGHTING FIXTURE: TYPE DETERMINES MOUNTING.	
ION. MOMENTARY CONTACT)	4. Review the contract bocoments of other divisions, and coordinate ELECTRICAL AND CONTROL WORK WITH THE WORK OF OTHER DISCIPLINES TO AVOID CONFLICTS AND INTERFERENCE.	60	PHOTO-CELL	
	5. UPON COMPLETION OF THE WORK REQUIRED UNDER THIS CONTRACT, PROVIDE	\otimes	ALL FIXTURES IN THIS SPACE SHALL BE SAME TYPE INDICATED, U.O.N.	
	TYPED UPDATED DIRECTORY WITHIN DOOR OF EACH AFFECTED PANELBOARD. LEAVE "SPARE" BREAKERS IN "OFF" POSITION.	S	SINGLE-POLE TOGGLE SWITCH	3'-10"
DR STARTER COILS)	6. ALL MOUNTING HEIGHTS INDICATED ON DRAWINGS ARE TO CENTERLINE, UON.	\$	SINGLE-POLE TOGGLE SWITCH: SLASH DENOTES ESSENTIAL POWER SYSTEM CONNECTION - TYPICAL FOR ALL SWITCHES.	3'-10"
OP)	 PROVIDE LIGHTING FIXTURES COMPATIBLE WITH CEILING CONSTRUCTION. COORDINATE WITH ARCHITECTURAL ROOM FINISH SCHEDULES. 	ଞ୍ଚ	DUAL TECHNOLOGY, WALL MNTD OCCUPANCY SENSOR WITH MANUAL OVERRIDE SWITCH	3'-10"
	 IN AREAS HAVING FINISHED CEILINGS, LOCATE CEILING-MOUNTED ELECTRICAL DEVICES AND FIXTURES ACCORDING TO ARCHITECTURAL REFLECTED CEILING 	ම _ි	REMOTE MANUAL OVERRIDE SWITCH SINGLE-POLE REMOTE OVERRIDE SWITCH FOR CEILING MNTD	
	PLAN. DO NOT INSTALL CEILING-MOUNTED SMOKE DETECTORS WITHIN 4 FEET OF HVAC SUPPLY DIFFUSERS.	Sor Sor	OCCUPANCY SENSOR	3'-10"
	9. IN ELECTRICAL AND MECHANICAL EQUIPMENT SPACES, COORDINATE EXACT	Sp ³	THREE-WAY DIMMER SWITCH	3'-10"
	STRUCTURE, SUPPORTS, AND OTHER OBSTRUCTIONS. LOCATE FIXTURES SUCH THAT DIALS, GAUGES, METERS, ETC. ARE PROPERLY ILLUMINATED.	SD SP	SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT	3'-10"
	10. DO NOT USE ANY LIGHTING FIXTURE AS A RACEWAY FOR CONDUCTORS NOT	Sm	SINGLE-POLE MOTOR-RATED TOGGLE SWITCH DISCONNECT	3'-10"
	SERVING THAT PARTICULAR FIXTURE.	St	SINGLE-POLE OR DOUBLE-POLE MANUAL MOTOR STARTER WITH MELTING ALLOY ELEMENTS FOR THERMAL OVERLOAD PROTECTION	3'-10"
DEVICES	HAVING BATTERY BACK-UP TO UNSWITCHED LEG OF LOCAL LIGHTING CIRCUIT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND NEC SUCH THAT	S _{IR}	OCCUPANCY SENSOR SWITCH	3'-10"
AY	FAILURE OF CIRCUIT TRANSFERS UNIT FROM NORMAL TO EMERGENCY MODE, CAUSING LAMPS TO RE-ENERGIZE.	Sit	INTERVAL TIMER RESET AND CONTROL SWITCH	3'-10"
IRZ. BAR(S)]	12. DO NOT INSTALL OUTLET BOXES BACK-TO-BACK IN NON-RATED PARTITIONS. OFFSET AND SEAL. SIMILAR TO REQUIREMENTS FOR RATED PARTITIONS. TO	SJ	JOG SWITCH	3'-10"
	MINIMIZE SOUND TRANSMISSION.		MUSHROOM HEAD TYPE PUSHBUTTON STATION	5'-0"
	 COORDINATE ROUTING OF ALL LARGE CONDUITS (2" DIA AND LARGER) AND PULL BOX LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION TO AVOID CONFLICTS AND TO CLUBANITE DECUMPED OF CANDING AND ACCESSIBILITY OF 	P	AUTO DOOR CONTROL PUSHPLATE VARIABLE INTENSITY CONTROLLER INCLUDED WITH OWNER-	
NON-DISPLAYED PROGRAMMABLE DEVICE	ELECTRICAL AND OTHER SYSTEMS.	SV S	FURNISHED-CONTRACTOR-INSTALLED SURGICAL LIGHTING FIXTURE	5'-0"
(ie: PLC)	14. COORDINATE WITH OWNER OR OWNER'S SELECTED VENDOR PRIOR TO ROUGH IN FOR EXACT LOCATIONS OF SPECIAL PURPOSE OUTLETS DEDICATED TO SPECIFIC		FACTORY SUPPLIED WALL CONTROLLER FOR CEILING MOUNTED	3'-10"
	EQUIPMENT. VERIFY REQUIRED NEMA CONFIGURATION OF ALL SUCH OUTLETS.	e e	LIGHT-INSTALLED BY ELECTRICAL CONTRACTOR 120V DUPLEX RECEPTACLE, STANDARD MOUNTING HEIGHT	1'-6"
	THIS PROJECT.	e -	120V DUPLEX RECEPTACLE, SPECIAL MOUNTING HEIGHT INSTALL AT SAME HEIGHT AS SWITCHES IF NO HEIGHT IS INDICATED	ABOVE COUNT
	16. INCLUDE GREEN-INSULATED GROUNDING CONDUCTOR SIZED PER 2002 NEC TABLE 250-122 WITH ALL BRANCH CIRCUIT CONDUCTORS SERVING LIGHTING FIXTURES,	⊕	120V QUADRUPLEX RECEPTACLE, STANDARD MOUNTING HEIGHT	1'-6"
	RECEPTACLES, MECHANICAL OR OTHER DEVICES INSTALLED AT OR BELOW 8-0".	•	120V QUADRUPLEX RECEPTACLE, SPECIAL MOUNTING HEIGHT INSTALL AT SAME HEIGHT AS SWITCHES IF NO HEIGHT IS INDICATED	ABOVE COUNT
	PANELBOARD WHEN ADDING BREAKERS TO EXISTING PANELBOARDS.	<u> </u>	120V SINGLE RECEPTACLE, AMP RATING (IF OTHER THAN 20A) SHOWN: STANDARD MOUNTING HEIGHT, OR OTHER HEIGHT AS NOTED	1'-6", UON
	 ALL WORK SHALL BE IN CONFORMANCE WITH THE NATIONAL ELECTRICAL CODE - LATEST EDITION ADOPTED BY INDIANA, THE INDIANA CODE AMENDMENT, LOCAL VALINUES AND FUE AUTIONATION AND RESIDENTION. 		120V GFCI DUPLEX RECEPTACLE, STANDARD MOUNTING HEIGHT	1'-6"
	19. ALL CONNECTIONS TO EQUIPMENT SUBJECT TO MOVEMENT OR VIBRATION SHALL	<u></u>	INSTALL AT SAME HEIGHT AS SWITCHES IF NO HEIGHT IS INDICATED 120V GFCI DUPLEX RECEPTACLE, SPECIAL MOUNTING HEIGHT	ABOVE COUNT
(HMI TOUCH SCREEN OR SCADA SOFTWARE)	BE LIQUID TIGHT FLEXIBLE METAL CONDUIT, NOT LESS THAN 12" IN LENGTH, NOR GREATER THAN 36" IN LENGTH.		INSTALL AT SAME HEIGHT AS SWITCHES IF NO HEIGHT IS INDICATED SINGLE RECEPTACLE (OTHER THAN 120V), VOLTAGE, AMP RATING,	ABOVE COUNT
	20. ALL CONDUIT PENETRATIONS SHALL BE SEALED WITH APPROPRIATE CONDUIT SEALING MATERIAL		NEMA CONFIGURATION, AND MOUNTING HEIGHT AS NOTED RECPTACLE OR J-BOX CONNECTION FOR X-RAY VIEWER: VERIFY	
TER(S)	21. ALL CABLE SIZES SHALL UTILIZE COPPER CONDUCTORS.	•	120V DUPLEX RECEPTACLE IN FLUSH FLOOR-MOUNTED BOX	
TION MODIFIER	22. FIELD VERIFY LOCATIONS OF BUILDING EXPANSION JOINTS WHEN ROUTING CONDUIT ALL CONDUITS CROSSING EXPANSION JOINTS SHALL BE INSTALLED WITH	ТР	TELE-POWER POLE	
USERS CHOICE(*)	THE EXPANSION FITTINGS. EXPANSION FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE NEC AND MANUFACTURERS WRITTEN RECOMMENDATIONS.	н	HALON DUMP STATION	
CLOSE	23. FEEDERS FROM PANELBOARDS BACK TO MAIN SWITCHBOARD, BETWEEN AUTO	F	FIRE ALARM MANUAL PULL STATION	3'-10"
FEEDBACK	AND THEIR SOURCES/LOADS ARE NOT INDICATED. FEEDERS ARE PART OF THE WORK, AND SHALL BE SIZED AS INDICATED ON THE LINE DIAGRAM.	FK	FIRE ALARM MANUAL PULL STATION, KEY-OPERATED	3'-10"
HIGH	24. HOMERUNS SHALL NOT BE COMBINED IN A RACEWAY UNLESS SHOWN ON THE		FIRE ALARM CEILING-MOUNTED SMOKE DETECTOR	
N I OW	CONTRACT DRAWINGS. SINGLE PHASE BRANCH CIRCUIT HOMERUNS MAY BE COMBINED AT THE CONTRACTORS DISCRETION NOT GREATER THAN (3) PHASE CONDUCTORS DELITERAL CONDUCTORS AND A CROUNDING CONDUCTOR		FIRE ALARM CEILING-MOUNTED HEAT DETECTOR	
MONITORING USERS CHOICE(*)	25. EACH SINGLE PHASE BRANCH CONDUCTOR SHALL HAVE A DEDICATED NEUTRAL		FIRE ALARM SOFFET AIR DUCT-MOUNTED SMOKE DETECTOR	
	BACK TO THE PANEL.		FIRE ALARM PROJECTED BEAM SMOKE DETECTOR - RECEIVER	AS NOTED
	 ALL PENETRATIONS BELOW GRADE SHALL USE LINK SEALS. WHERE LOW VOLTAGE (CONTROL) CABLING IS ALLOWED TO BE INSTALLED 	 ₽™	FIRE ALARM PROJECTED BEAM SMOKE DETECTOR - TRANSMITTER	AS NOTED
) MULTIFUNCTION(*)	WITHOUT A RACEWAY, IT SHALL BE SUPPORTED NOT EXCEEDING INTERVALS OF 48", AND NOT MORE THAN 6" FROM THE CABINETS, BOXES, FITTINGS, OUTLETS, RACKS,	Y	FIRE ALARM CONNECTION TO SPRINKLER SYSTEM VALVE STATUS SWITCH (TAMPER SWITCH)	
	FRAMES AND TERMINALS.	FS	FIRE ALARM CONNECTION TO SPRINKLER SYSTEM WATER FLOW SWITCH	
UNCLASSIFIED(*)	SHALL BE STAINLESS STEEL.	FD	FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE-CHIME & STROBE	6'-8"
IAL NT	29. MOUNT JUNCTION BOXES AND DISCONNECT SWITCHES ON STAINLESS STEEL UNISTRUT.	F \	FIRE ALARM AUDIO/VISIUAL NOTIFICATION DEVICE-HORN & STROBE	6'-8"
	30. ALL UNISTRUT, MOUNTING BRACKETS AND SUPPORTING STRUCTURES SHALL BE STAINLESS STEEL.	(F)		6'-8"
	31. DO NOT MIX CONTROL AND POWER CONDUCTORS IN THE SAME CONDUIT. DO NOT		FIRE ALARM SPEAKER. CEILING-WOUNTED, WALL-WOUNTED	
	MIX DISCRETE AND ANALOG CONTROL CONDUCTORS IN THE SAME CONDUIT.		DUCT SMOKE DETECTOR ALARM REMOTE INDICATOR LIGHT:	6'-8"
	SEPARATE RACEWAYS.	ISAI HSAI	DUCT SMOKE DETECTOR ALARM REMOTE INDICATOR LIGHT AND TEST	6'-8"
	33. CONTRACTOR SHALL COORDINATE WITH HEAT TRACE MANUFACTURER DURING BIDDING AND CONSTRUCTION AND SHALL PROVIDE ALL CONDUIT, WIRING, AND	Z	FIRE ALARM ZONE ADDRESSABLE MODULE	
STRUMENT POWER	ALL HEAT TRACE IS REQUIRED TO BE GFI PROTECTED.		FIRE ALARM INDIVIDUAL ADDRESSABLE MODULE	
ITS REQUIRING 120 VAC:	34. CONTRACTOR SHALL NOT COMBINE POWER FEEDS FOR THREE PHASE LOADS.	•	FIRE ALARM ELECTRO-MAGNETIC DOOR HOLDER	6'-4"
ETIC FLOW METERS IDITY TRANSMITTERS	 35. THE BELOW LOCATIONS ARE WHERE GFCI OUTLETS ARE REQUIRED: 35.1. KITCHENS: ALL KITCHEN OUTLETS. 35.2. BATHEROOMS: CFCI OUTLETS ARE REQUIRED IN PATHEROOMS VERY THE OWN'S 	FR	FIRE RELAY	
ANSMITTERS RANSMITTERS	35.2. DATHROUMS, GEOLUTLETS ARE REQUIRED IN BATHROUMS NEAR THE SINK. 35.3. GARAGES: GFCI OUTLETS ARE REQUIRED IN GARAGES THAT HAVE SINKS. 35.4. BASEMENTS: UNFINISHED BASEMENTS REQUIRE AT LEAST ONE GEOLOUTLET.		DESK MOUNTED INTERCOM	
ASONIC LEVEL TRANSMITTERS ASONIC FLOW TRANSMITTERS	35.5. OUTDOOR SPACES: GFCI OUTLETS ARE REQUIRED IN OUTDOOR AREAS THAT ARE ACCESSIBLE OR AT GRADE LEVEL.	₩ •		
ENT AND EFFLUENT SAMPLERS	 35.6. LAUNDRY ROOMS: ALL LAUNDRY ROOM OUTLETS. 35.7. CRAWL SPACES: GFCI OUTLETS ARE REQUIRED IN CRAWL SPACES WHERE MECHANICAL FOURMENT IS LOCATED. 	¢		3'-10"
LIST IS PROVIDED AS A REFERENCE ALL INCLUSIVE. COORDINATE WITH AL CONTRACTOR AND THE	35.8. UTILITY ROOMS: ALL UTILITY ROOM OUTLETS.	<u>₩</u> 3 \$ ⊿	4 WAY SWITCH	3'-10"
SUPPLIERS FOR DETAILED WIRING ENTS OF INSTRUMENTS, SENSORS,	36. LIMIT CAT 6E INSTALLATION TO 230' MAXIMUM DISTANCE. CONTRACTOR SHALL FURNISH AND INSTALL FIBER OPTIC CABLE AND MEDIA CONVERTERS IF CONDUIT	• • \$ _{WP}	NEMA 4X SWITCH	3'-10"
MENT.	NUUTING ENCEEDS ONT DE LIMITS.	·		<u>-</u>
		SYMBOL		
			MAGNETIC FLOW METER	
		I W	SONIC FLOW METER	1

(•)

CENTRIFUGAL PUMP

PERISTALTIC PUMP SUBMERSIBLE PUMP

GRINDER PUMP

LOBE PUMP

	LEGEND					
	ABBREV	/IATIONS				
ABV	ABOVE	IG	ISOLATED GROUND			
AFF	ABOVE FINISHED FLOOR	MON	MONITOR			
ACLG	ABOVE FINISHED CEILING	MTG	MOUNTING			
BFC	BELOW FINISHED CEILING	MV	MULTI-VIEWER			
С	CRITICAL BRANCH OR EMERG PWR-	MW	MICROWAVE OVEN			
CL	CENTER-LINE	NEC	NATIONAL ELECTRIC	AL CODE		
CLG	CEILING-MOUNTED	OCPD	OVERCURRENT PRO	TECTIVE DEVICE		
COF	COFFEE MAKER	OFCI	OWNER-FURNISHED- INSTALLED	CONTRACTOR-		
СОР	COPIER	OFE	OWNER-FURNISHED	EQUIPMENT		
CTR	COUNTER	PRT	PRINTER			
ECB	ENCLOSED CIRCUIT BREAKER	PTS	PNEUMATIC TUBE ST	ATION		
EMER	EMERGENCY	Q	EQUIP BRANCH OR E RED DEVICE & PLATE	MERG PWR-		
EWC	ELECTRIC WATER COOLER	REF	REFRIGERATOR	.,		
EWH	ELECTRIC WATER HEATER	RQMTS	REQUIREMENTS			
FAX	FACSIMILE MACHINE	т	TAMPERPROOF DEVI	ICE		
FBO	FURNISHED BY OTHERS	TSP	TWISTED SHIELDED I	PAIR		
GFCI		UON	UNLESS OTHERWISE	NOTED		
GFI	GROUND FAULT INTERRUPTING -	UCR	UNDER-COUNTER RE	FRIGERATOR		
HGT	HEIGHT	WP	WEATHERPROOF			
FPMR	FUSED PER MANUFACTURE'S					
	RECOMMENDATIONS					
SYMBOL	DESCF	RIPTION		MTG HGT AFF		
	EXPOSED RACEWAY					
	RACEWAY CONCEALED IN OR ABOVE CEILINGS AND WITHIN WALLS					
	BRANCH CIRCUIT RACEWAY CONCEALED IN OR BELOW FLOOR SLAB					
	FEEDER RACEWAY CONCEALED BELOW	FLOOR SLAB	OR BELOW			
	LIGHTNING PROTECTION CABLING					
	HOMERUN RACEWAY: NUMBER OF ARRO	OWHEADS DE	NOTES NUMBER			
~°	RACEWAY TURNING UP AS VIEWED FRO	M THE LOAD				
-	RACEWAY TURNING DOWN AS VIEWED F	ROM THE LOA	٩D			
-	RACEWAY VERTICAL RISER WITH HORIZ	ONTAL CONTI	NUATION AT TWO			
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	CAPPED RACEWAY					
	GENERAL LIGHTING OR OUTLET CIRCUIT	- MAY BE DA	ISY CHAINED			
J	JUNCTION BOX			AS NOTED		
	ENCLOSED BREAKER					
	FUSIBLE SAFETY SWITCH (AMP RATING,	POLES, FUSE	SIZE, AND			
	NON-FUSIBLE SAFETY SWITCH (AMP RAT		AND			
			R WITH MOTOR			
888			NT (SINGLE-			
$\overline{\mathbf{Q}}$	MOTOR					
	FLEXIBLE CONDUIT CONNECTION					
	SURFACE- OR FLUSH-MOUNTED LIGHTIN	IG/RECEPTAC	LE PANELBOARD			
	POWER DISTRIBUTION PANELBOARD					
	DRY TYPE TRANSFORMER					
	MISCELLANEOUS SYSTEMS PANEL OR C	ABINET: REF	ER TO	 		
	ABBREVIATIONS.			<u>т</u>		
NOTE !! ALL ABBREVIATIONS, NOTES, AND SYMBOLS SHOWN ON THIS DRAWING DO NOT NECESSARILY APPEAR IN THIS SET OF CONTRACT DOCUMENTS. REFER ONLY TO THOSE THAT APPLY.						
	MOTOR CONTR	OLLER LI	EGEND			
	ACROSS THE LINE MOTOR STARTER	RIPTION				

SYMBOL	DESCRIPTION				
MS	ACROSS THE LINE MOTOR STARTER				
ss	SOFT STARTER				
VFD	VARIABLE FREQUENCY DRIVE				
MS	ACROSS THE LINE MOTOR STARTER WITH INTEGRAL DISCONNECT				
SS	SOFT STARTER WITH INTEGRAL DISCONNECT				
VFD	VARIABLE FREQUENCY DRIVE WITH INTEGRAL DISCONNECT				
0)(1150)					
SYMBOL	DESCRIPTION				
	FIXTURE WITH STANDARD BALLAST.				
	FIXTURE WITH STANDARD BALLAST AND EMERGENCY BALLAST.				

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Signature		Da	te			
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![](_page_10_Figure_0.jpeg)

![](_page_10_Picture_1.jpeg)

EXISTING ELECTRICAL EQUIPMENT

EXISTING CONDUIT AND WIRE (TO BE DEMOLISHED)

EXISTING 100A SERVICE DISCONNECT (TO BE DEMOLISHED)

- EXISTING PUMP MOTOR

![](_page_10_Picture_9.jpeg)

					ENGINEERS, INC.	A wealth of resources to master a common goal.	https://commonwealthengineers.com/				
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![](_page_11_Figure_0.jpeg)

	FEEDER SCHEDULE						
	COPPER WIRE			SERVICE			
0.	QUANTITIES & WIRE SIZE	CONDUIT	W/O NEUTRAL	GROUND			
	4#12 & #12 GROUND	3/4"	3/4"	#8			
	4#12 & #12 GROUND	3/4"	3/4"	#8			
	4#10 & #10 GROUND	3/4"	3/4"	#8			
	4#6 & #6 GROUND	1"	1"	#8			
	4#6 & #8 GROUND	1-1/4"	1-1/4"	#8			
	4#4 & #8 GROUND	1-1/4"	1-1/4"	#8			
	4#2 & #6 GROUND	1-1/2"	1-1/4"	#8			
	4#2 & #6 GROUND	1-1/2"	1-1/2"	#8			
	4#1 & #6 GROUND	1-1/2"	1-1/2"	#6			
	4#1/0 & #6 GROUND	2"	2"	#6			
	4#2/0 & #6 GROUND	2"	2"	#4			
	4#3/0 & #6 GROUND	2"	2"	#4			
	4#4/0 & #4 GROUND	2-1/2"	2-1/2"	#2			
	4#250MCM & #4 GROUND	3"	2-1/2"	#2			
	4#350MCM & #3 GROUND	3"	3"	#2			
	4#500MCM & #3 GROUND	4"	4"	#1/0			
	4#500MCM & #3 GROUND	4"	4"	#1/0			
	(2 SETS)4#4/0 & #2 GROUND	2-1/2"	2-1/2"	#1/0			
	(2 SETS)4#250MCM & #2 GROUND	3"	2-1/2"	#1/0			
	(2 SETS)4#350MCM & #1 GROUND	3"	3"	#2/0			
	(2 SETS)4#500MCM & #1/0 GND	4"	4"	#2/0			
	(3 SETS)4#300MCM & #1/0 GND	3"	3"	#2/0			
	(3 SETS)4#400MCM & #2/0 GND	4"	4"	#3/0			

ALL FEEDERS ARE ASSUMED TO BE 4 CURRENT CARRYING CONDUCTORS (3 PHASE CONDUCTORS AND 1 NEUTRAL) UNLESS NOTED OTHERWISE.

FEEDER KEY IS AS FOLLOWS (PARENTHESIS DENOTES SUBSCRIPT):

### = 3 PHASES AND NEUTRAL WITH GROUND ###(N) = 3 PHASES, NO NEUTRAL WITH GROUND

###(2) = 2 PHASES AND NEUTRAL WITH GROUND

Load Wiring Schedule						
Type #:	Quantity and Wire Size	Conduit				
20	3 #12's & #12 Ground	3/4"				
30	3 #10's & #10 Ground	3/4"				
50	3 #8's & #10 Ground	3/4"				
60	3 #6's & #8 Ground	3/4"				
80	3 #4's & #8 Ground	1"				
100	3 #2's & #6 Ground	1.5"				
125	3#1's & #6 Ground	1.5"				
150	3 - 2/0 & #6 Ground	2"				
200	3 - 4/0 & #4 Ground	2.5"				
250	3 - 300's & #4 Ground	3"				

![](_page_11_Figure_8.jpeg)

![](_page_12_Figure_0.jpeg)

![](_page_13_Figure_0.jpeg)

File: Z.\SHARED\KY CLIENTS A-L\ALBANY\D S25065 HOSP\TAL LS REPLACEMENT PROJECT\06 CAD\K MECH-ELECTRICAL SITE PLANS.DWG Saved: 6/26/2025 2.17:01 PM Plotted: 6/26/2025 2:18:34 PM Current User: Recan Wakefield. EI LastSavedBv: makefield

![](_page_13_Figure_2.jpeg)