

REVISIONS	DESCRIPTION	DATE

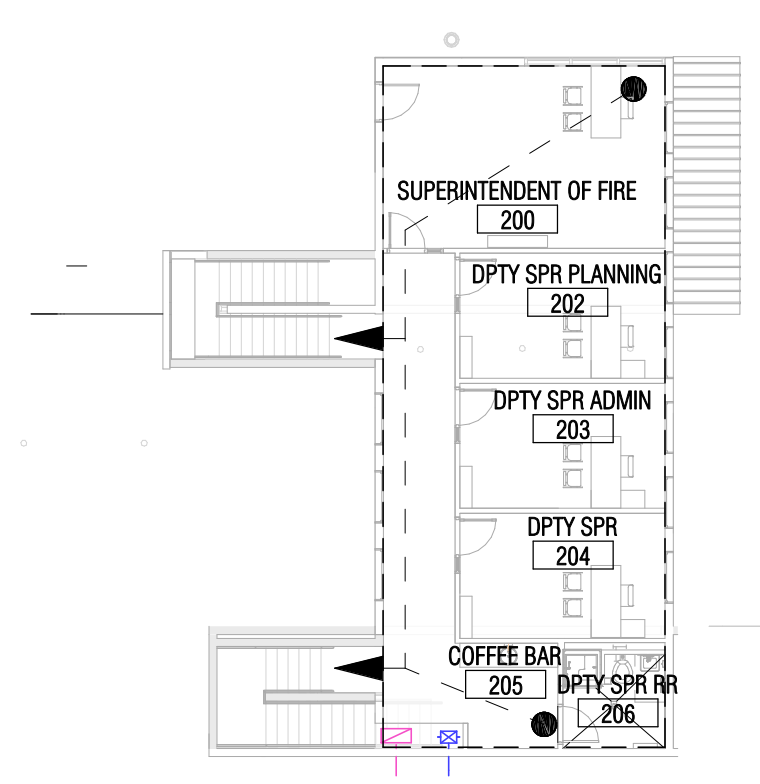
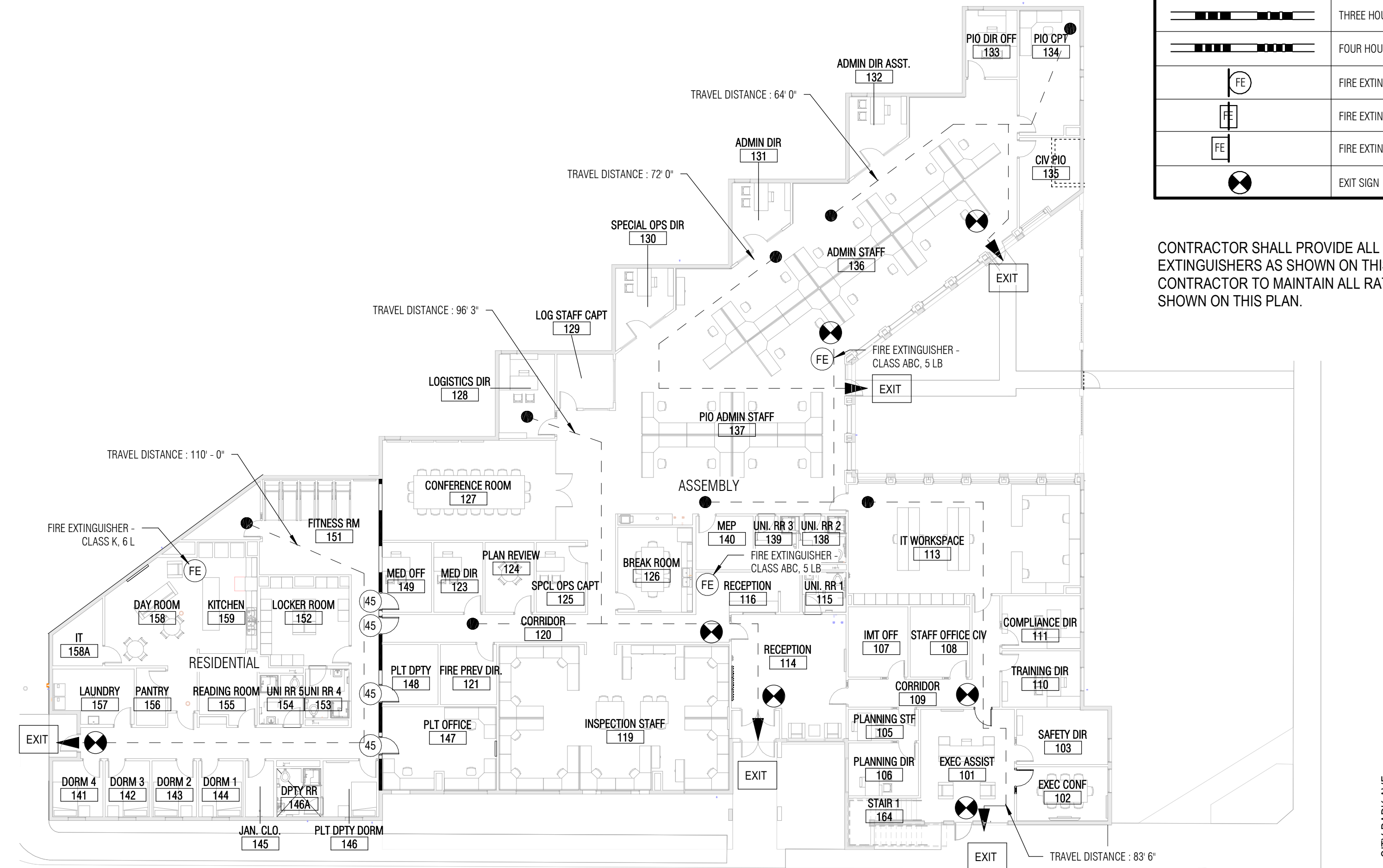
95% REVIEW SET
DATE 11 NOV 2020
PROJ NO. 1605

CODE DATA		
INTERNATIONAL BUILDING - 2015 EDITION		
INTERNATIONAL EXISTING BUILDING CODE - 2015 EDITION		
INTERNATIONAL MECHANICAL CODE - 2015 EDITION		
INTERNATIONAL FUEL CODE - 2012 EDITION		
INTERNATIONAL PLUMBING - 2015 EDITION		
NATIONAL ELECTRIC CODE - 2014 EDITION		
NFPA LIFE SAFETY 101 - 2015 EDITION		
NEW ORLEANS CITY ZONING ORDINANCE - 2016 EDITION		

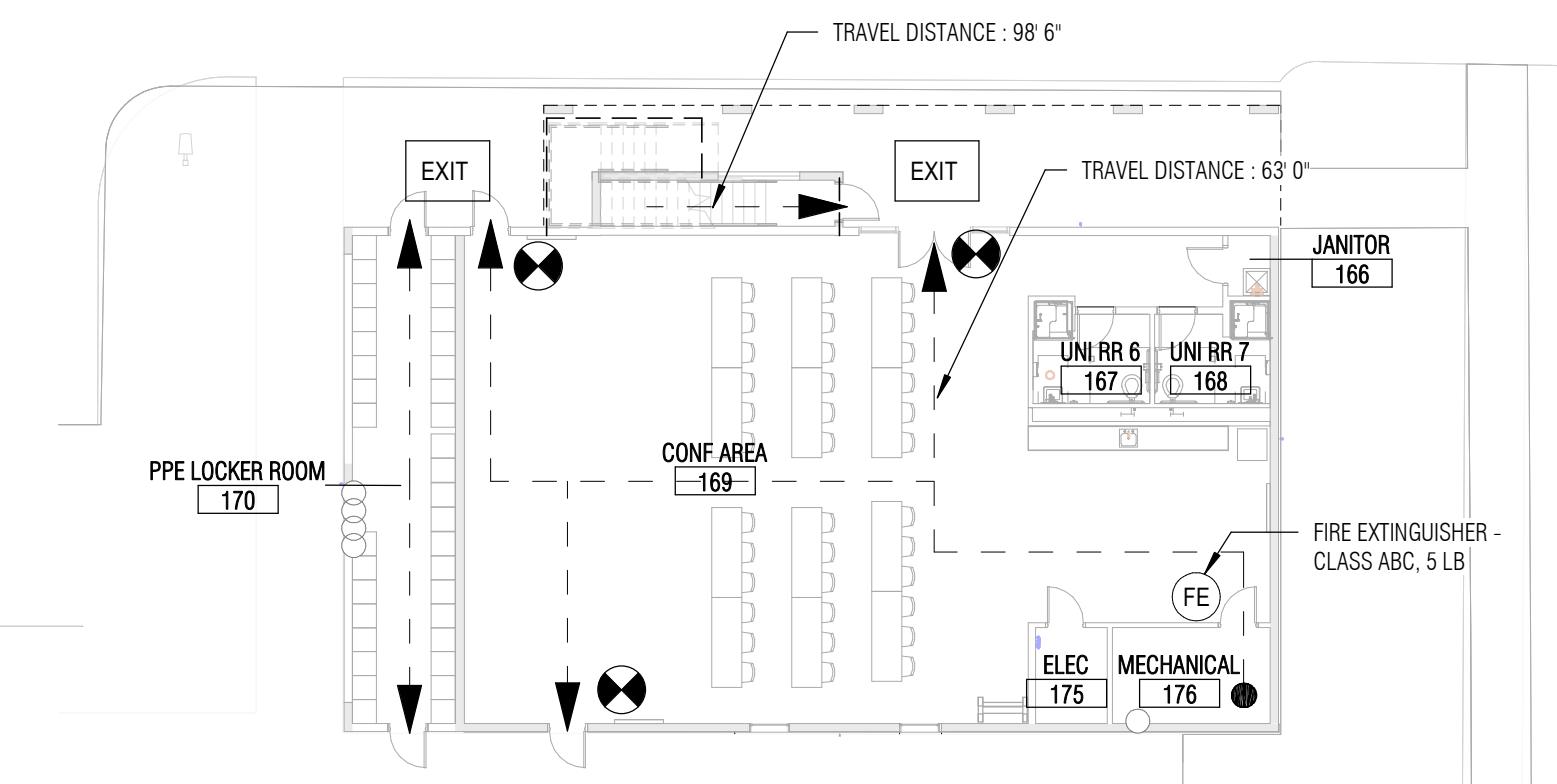
BUILDING DATA	NFPA 101 - 2015	IBC - 2015
TOTAL AREA	LEVEL 1 17,674 SQFT LEVEL 2 1,335 SQFT	LEVEL 1 17,674 SQFT LEVEL 2 1,335 SQFT
NUMBER OF STORIES	2	2
CLASSIFICATION OF OCCUPANCY	MIXED OCCUPANCIES BUSINESS NFPA 101: 6.1.11.1 ASSEMBLY (<300) NFPA 101: 6.1.2.1 RESIDENTIAL (LODGING) NFPA 1016.1.8.1.2 STORAGE (LOW & ORDINARY...)	MIXED OCCUPANCIES BUSINESS (B) IBC: 304.1 ASSEMBLY (A-3) IBC: 303.4 RESIDENTIAL (R-3) IBC: 310.5 STORAGE (S-1) IBC: 311.2
REQUIRED SEPARATION OF OCCUPANCIES (1) HOURS REDUCTION FOR SPRINKLER	BUSINESS (vs. A,R,S) 1,2,2 (HRS) NFPA 101: TABLE 6.1.14.4.1 (A/B) ASSEMBLY (vs. B,R,S) 1,2,2 (HRS) NFPA 101: TABLE 6.1.14.4.1 (A/B) RESIDENTIAL (vs B,A,S) 2,2,2 (HRS) NFPA 101: TABLE 6.1.14.4.1 (A/B) STORAGE (vs. B,A,R) 2,2,2 (HRS) NFPA 101: TABLE 6.1.14.4.1 (A/B)	
HAZARD CONTENT	NONE NFPA 101: 6.X	HIGH HAZARD (H-4) IBC: 307.4
CONSTRUCTION TYPE	II B NFPA 101: TABLE A8.2.1.2	TYPE II B IBC: TABLE 601
CONSTRUCTION TYPE LIMITATIONS	NFPA 101: 38.1.6	RISK CATEGORY IV IBC: TABLE 1604.5
ALLOWABLE HEIGHT		(A-3/B/S-1) 55 FT IBC: TABLE 504.3 (R-2) 75 FT IBC: TABLE 504.3 (B) 69000 SF IBC: TABLE 506.2 (A-3) 28500 SF IBC: TABLE 506.2 (R-2) 48000 SF IBC: TABLE 506.2 (S-1) 52500 SF IBC: TABLE 506.2 (B) 4 STORIES IBC: TABLE 504.4 (A-3) 3 STORIES IBC: TABLE 504.4 (R-2) 5 STOREIS IBC: TABLE 504.4 (S-1) 3 STORIES IBC: TABLE 504.4
ALLOWABLE AREA (PER FLOOR)		
MAXIMUM NUMBER OF STORIES		
OCCUPANT LOAD	(B) 13425 SF 1:100 = 135 (A) 2193 SF 1:15 = 147 (R) 3045 SF 1:200 = 16 (S) 1345 SF 1:100 = 14	(B) 13425 SF 1:100 = 135 (A) 2193 SF 1:15 = 147 (R) 3045 SF 1:200 = 16 (S) 1345 SF 1:100 = 14
TOTAL OCCUPANT LOAD		312
EGRESS CAPACITY		312
LEVEL OF COMPONENTS	0.2 INCHES/PERSON NFPA 101: TABLE 7.3.3.1	0.2 INCHES/PERSON = 63" IBC: TABLE 1004.1.2
STAIRS	0.3 INCHES/PERSON NFPA 101: TABLE 7.3.3.1	0.3 INCHES/PERSON = 36" IBC: 1005
WIDTH OF CORRIDORS	XX" MIN NFPA 101: TABLE 7.3.3.1	* serving less than 50 = 36" IBC: 1009.4 44" MIN. (<50=36 MIN)" IBC: 1018.2
NUMBER OF MEANS OF EGRESS	NFPA 101: TABLE 7.4.1/38.2.4	6 IBC: TABLE 1015.1
CORRIDOR FIRE RESISTANCE RATING	NFPA 101: TABLE A 7.6/38.2.2.3.2	0 HR (W/ SPRINKLER) IBC: TABLE 1018.1
COMMON PATH OF TRAVEL (BY OCC.)		B,S = 100 FT (W/ SPRINKLER) IBC: 1014.3 R-2 = 125 FT (W/ SPRINKLER) A = 75 FT (W/ SPRINKLER) 50 FT (W/ SPRINKLER) IBC: 1018.4 A, E, R, S-1 = 250 FT (W/ SPRINKLER) IBC: TABLE 1016 B = 300 FT (W/ SPRINKLER)
DEAD-END CORRIDORS (BY OCC.)	50 FT (W/ SPRINKLER) NFPA 101: TABLE A 7.6/38.2.2.3.2	
EXIT ACCESS TRAVEL DISTANCE (BY OCC.)	XXFT NFPA 101: TABLE A 7.6/38.2.2.3.2	
PROTECTION EXIT ENCLOSURES		
CORRIDORS	NFPA 101: 38.3.6	0 HR (W/ SPRINKLER) IBC: TABLE 1018.1
STAIRS	NFPA 101: 38.3.6	1 HR LESS THAN 4 STORIES IBC: 1022.2
AUTOMATIC SPRINKLER SYSTEM	NFPA 101: 38.3.5	YES IBC: 903.2
FIRE EXTINGUISHERS	NFPA 101: 38.3.5	YES IBC: 906
FIRE ALARM SYSTEM	NFPA 101: 38.4.1/43.7.2.1	YES IBC: 907.2.2

CODE COMPLIANCE LEGEND	
SYMBOL	DESCRIPTION
60	FIRE RATING OF OPENING PROTECTIVE IN MINUTES
XXXX	OCCUPANT LOAD OF ROOM OR AREA
30	CUMULATIVE OCCUPANT LOAD OF ROOM OR AREA
→	ROUTE OF MAXIMUM COMMON PATH OR TRAVEL DISTANCE
10	MEASURED DISTANCE OF EXIT SEPARATION
30	OCCUPANT LOAD USED TO DETERMINE EXITING WIDTH
—	SMOKE PARTITION
—	30 MINUTES FIRE RATED PARTITION
—	ONE HOUR FIRE RATED PARTITION
—	TWO HOUR FIRE RATED PARTITION
—	THREE HOUR FIRE RATED PARTITION
—	FOUR HOUR FIRE RATED PARTITION
FE	FIRE EXTINGUISHER - WALL MOUNTED
FE	FIRE EXTINGUISHER - SEMI RECESSED
FE	FIRE EXTINGUISHER - RECESSED
⊙	EXIT SIGN

CONTRACTOR SHALL PROVIDE ALL EXIT SIGNS AND FIRE EXTINGUISHERS AS SHOWN ON THIS PLAN. CONTRACTOR TO MAINTAIN ALL RATED PARTITIONS AS SHOWN ON THIS PLAN.



2 | A0.2 | LEVEL 02 - LIFE SAFETY DIAGRAM
1/16" = 1'-0"



1 | A0.2 | LEVEL 01 - LIFE SAFETY DIAGRAM
1/16" = 1'-0"

**NEW ORLEANS FIRE DEPARTMENT HEADQUARTERS
PHASE 02
401 CITY PARK AVENUE
NEW ORLEANS, LA 70119**

REVISIONS		
#	DESCRIPTION	DATE

95% REVIEW SET	
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A0.5
EXISTING CONDITIONS -
SITE PHOTOS



4 | A0.5 | EXTERIOR IMAGE 1
N.T.S.



3 | A0.5 | EXTERIOR IMAGE 2
N.T.S.



2 | A0.5 | EXTERIOR IMAGE 3
N.T.S.



1 | A0.5 | EXTERIOR IMAGE 5
12" = 1'-0"

LIGHTING SYMBOLS		DESCRIPTION
CEILING	WALL	
		FLUORESCENT, LED, OR HID LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		FLUORESCENT, LED, OR HID LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		FLUORESCENT STRIP FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		INCANDESCENT, LED, OR HID LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		EXIT LIGHT FIXTURE. ARROWS ON FACE INDICATE DIRECTION. SEE FIXTURE SCHEDULE.
		INCANDESCENT, FLUORESCENT, OR LED EMERGENCY LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		CEILING MOUNTED FAN. SEE FIXTURE SCHEDULE.
		TRACK LIGHTING. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		FLUORESCENT, LED, OR HID POLE MOUNTED LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		WALL MOUNTED SCONCE. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		HID FLOOD LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		BUS DRIVER
		POWER SUPPLY LED DRIVER. COORDINATE WITH LED LIGHT FIXTURE MANUFACTURER FOR SELECTION. SEE FIXTURE SCHEDULE.
		POWER PACK FOR OCCUPANCY SENSOR. SP DENOTES SLAVE PACK. SEE SENSOR SCHEDULE.
		OCCUPANCY SENSOR. SEE SENSOR SCHEDULE.
		PHOTOCCELL
WIRING SYMBOLS		DESCRIPTION
DESCRIPTION		
		WIRING (IN CONDUIT) CONCEALED BELOW SLAB, IN WALL, IN CONCRETE COLUMN, ABOVE CEILING, OR BELOW GRADE
		WIRING (IN CONDUIT) EXPOSED
		HOMERUN TO PANELBOARD WITH NOMENCLATURE (LETTERS), CIRCUIT NUMBERS (NUMBERS), NUMBER OF CIRCUITS (NUMBER OF ARROWS). EACH CIRCUIT TO HAVE GROUND.
		FLEXIBLE CORD WIRE TO EQUIPMENT
		GROUND CONNECTION. GROUND PER NEC ARTICLE 250.
		SWITCH
		THREE WAY SWITCH
		FOUR WAY SWITCH
		PARTITION SWITCH
		OCCUPANCY SENSOR, WALL MOUNTED, SEE SENSOR SCHEDULE
		KEY SWITCH, COORDINATE KEY SCHEDULE WITH ARCHITECT
		LOW VOLTAGE SWITCH. REFER TO PLANS FOR ADDITIONAL NOTES AND/OR REQUIREMENTS.
		DIMMER SWITCH
		PULL BOX

POWER SYMBOLS			DESCRIPTION
FLOOR	WALL	CEIL.	
			SIMPLEX OUTLET.
			DUPLEX OUTLET.
			GFI DUPLEX OUTLET.
			QUAD OUTLET.
			SPECIAL OUTLET.
			ABOVE COUNTER DEVICE
			SURFACE FLUSH
			BRANCH CIRCUIT PANELBOARD.
			DISTRIBUTION PANELBOARD.
			DISCONNECT SWITCH. FUSED UNLESS OTHERWISE NOTED.
			COMBINATION STARTER/DISCONNECT SWITCH. FUSED U.O.N. FURNISHED BY DIVISION 15 AND INSTALLED BY DIVISION 16.
			MAGNETIC MOTOR STARTER OR VARIABLE FREQUENCY DRIVE. FURNISHED BY DIVISION 15 AND INSTALLED BY DIVISION 16.
			MOTOR, SINGLE-PHASE.
			MOTOR, THREE-PHASE.
			WATER HEATER.
			JUNCTION BOX.
			JUNCTION BOX WITH WHIP TO EQUIPMENT.
			TRANSFORMER

- REFERENCE NOTES:**
- QUAZITE PG STYLE HANDHOLE, TIER 15, 36"x36" MINIMUM, COVER LABEL "HVAC POWER"
 - QUAZITE PG STYLE HANDHOLE, TIER 15, 11"x18" MINIMUM, COVER LABEL "GEN CONTROL"
 - QUAZITE PG STYLE HANDHOLE, TIER 15, 11"x18" MINIMUM, COVER LABEL "SPARE"
 - QUAZITE PG STYLE HANDHOLE, TIER 15, 11"x18" MINIMUM, COVER LABEL "FIRE ALARM"
 - QUAZITE PG STYLE HANDHOLE, TIER 15, 11"x18" MINIMUM, COVER LABEL "POWER"
 - QUAZITE PG STYLE HANDHOLE, TIER 15, 11"x18" MINIMUM, COVER LABEL "DATA"
 - QUAZITE PG STYLE HANDHOLE, TIER 15, 48"x48" MINIMUM, COVER LABEL "GEN POWER"
 - QUAZITE PG STYLE HANDHOLE, TIER 15, 11"x18" MINIMUM, COVER LABEL "LIGHTING"
 - QUAZITE PG STYLE HANDHOLE, TIER 15, 36"x36" MINIMUM, COVER LABEL "TELECOMMUNICATIONS"

ONE-LINE SYMBOLS		DESCRIPTION
DESCRIPTION		
		METER ENCLOSURE
		CIRCUIT BREAKER
		FUSE
		FUSED SWITCH
		PANELBOARD
		GROUND FAULT CURRENT INTERRUPTER
		TRANSFORMER
REFERENCE SYMBOLS		DESCRIPTION
DESCRIPTION		
		REFERENCE NOTE.
		SPECIFIC NOTE REFERENCE.
		CALL OUT REFERENCE.
		FEEDER REFERENCE.
		REVISION REFERENCE.

ABBREVIATIONS

1. AC	ABOVE COUNTER	48. FARA	FIRE ALARM REMOTE ANNUCIATOR
2. ACCU	AIR COOLED CHILLER UNIT	49. FIN	FINISH
3. ACR	ACRYLIC	50. FL	FLUORESCENT
4. AFF	ABOVE FINISHED FLOOR	51. FLR	FLOOR
5. AHU	AIR HANDLING UNIT	52. FS	FUSIBLE SWITCH
6. AL	ALUMINUM	53. GA	GAUGE
7. ASYMM	ASYMMETRICAL	54. GSKT	GASKET OR GASKETED
8. BCU	BLOWER COIL UNIT	55. GFI	GROUND FAULT INTERRUPTER
9. BLK	BLACK	56. GND, G	GROUND
10. BTC	BRANCH TO CONNECTION	57. GUH	GAS UNIT HEATER
11. C	CONDUIT	58. HWP	HEATING HOT WATER PUMP
12. CFL	COMPACT FLOURESCENT	59. HD	HIGH INTENSITY DISCHARGE
13. CHWP	CHILLER WATER PUMP	60. HOUSG	HOUSING
14. CL	CENTERLINE	61. IWBP	ICE WATER BUILDER PUMP
15. CLG	CEILING	62. LCP	LIGHTING CONTROL PANEL
16. CLR	CLEAR	63. LIN	LINEAR
17. CMH	CERAMIC METAL HALIDE	64. MAU	MAKE-UP AIR UNIT
18. COMM	COMMUNICATIONS	65. MH	METAL HALIDE
19. CONT	CONTINUOUS	66. MNT	MOUNT
20. CP	CIRCULATION PUMP	67. MSB	MAIN SWITCHBOARD
21. CP	CONTROL PANEL	68. MTL	METAL
22. CRI	COLOR RENDERING INDEX	69. MTU	MOUNTED TO UNIT
23. CRS	COLD ROLLED STEEL	70. NL	NIGHT LIGHT
24. CS	CROSS SECTION	71. PENDT	PENDANT
25. CT	COOLING TOWER	72. PERP	PERFORATED
26. CTR	CENTER	73. POLYCB	POLYCARBONATE
27. CTS	CURRENT TRANSFORMERS	74. PWDR	POWDER
28. CU	CONDENSING UNIT	75. REFL	REFLECTOR
29. CWP	CONDENSER WATER PUMP	76. REQD	REQUIRED
30. DCO	DUPLEX CONVENIENCE OUTLET	77. RGS	RIGID GALVANIZED STEEL
31. D	DEDICATED	78. SCD	SINGLE CONVENIENCE OUTLET
32. D/I	DIRECT/INDIRECT	79. SM	SURFACE MOUNT
33. DBL	DOUBLE	80. SF	SUPPLY FAN
34. DFA	DOWN FROM ABOVE	81. SPEC	SPECIFICATION OR SPECULAR
35. DIF	DIFUSER	82. SS	STAINLESS STEEL
36. DMPR	DAMPER	83. STL	STEEL
37. DN	DOWN	84. TFMR	TRANSFORMER
38. EDH	ELECTRIC DUCT HEATER	85. TR	TAMPER RESISTANT
39. EF	EXHAUST FAN	86. TYP	TYPICAL
40. EL	ELEVATION ABOVE FINISHED FLOOR	87. UN	UNLESS OTHERWISE NOTED
41. EM	EMERGENCY OPERATION	88. VERT	VERTICAL
42. EQ	EQUAL	89. VTS	VOLTAGE TRANSFORMERS
43. EQUIV	EQUIVALENT	90. WAP	WIRELESS ACCESS POINT
44. EX	EXISTING	91. WH	WATER HEATER
45. EXTRD	EXTRUDED	92. WHT	WHITE
46. FAC	FIRE ALARM CABINET	93. WP	WEATHER PROOF
47. FACP	FIRE ALARM CONTROL PANEL		

GENERAL NOTES

- ALL ELECTRICAL EQUIPMENT AND THE RESULTANT INSTALLATION OF SUCH EQUIPMENT, DEVICES, ETC., SHALL BE IN STRICT COMPLIANCE WITH THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE STATE AND FEDERAL CODES, AND THE NATIONAL ELECTRICAL SAFETY CODE.
- CONTRACTOR SHALL TAKE RESPONSIBILITY FOR FIELD VERIFICATION OF ALL DIMENSIONS AND LOCATIONS OF EXISTING, RELOCATED, AND NEW EQUIPMENT, AND SHALL BE RESPONSIBLE FOR COORDINATION WITH THE WORK OF OTHER TRADES NECESSARY TO THE PROJECT.
- THESE DRAWINGS ARE INTENDED TO OUTLINE THE SCOPE OF WORK REQUIRED TO PROVIDE A COMPLETE AND OPERABLE PROJECT CONCLUSION. ALL MISCELLANEOUS COMPONENTS, PARTS, FASTENERS, SPLICES, AND OTHER INCIDENTAL ITEMS NECESSARY TO PROVIDE A COMPLETED PROJECT SHALL BE PROVIDED WHETHER OR NOT SPECIFICALLY NOTED.
- CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY OF ANY CONFLICTS ARISING FROM DISCOVERED CONDITIONS AT ANY PHASE OF THE PROJECT.
- CONTRACTOR SHALL NOTIFY OWNER AT LEAST 48 HOURS IN ADVANCE OF ANY WORK WHICH SHALL, OR REASONABLY COULD, RESULT IN OUTAGE OF POWER OR COMMUNICATIONS.
- CONTRACTOR SHALL KEEP A CURRENT SET OF AS-INSTALLED DRAWINGS DOCUMENTING FIELD MODIFICATIONS, CHANGES, EXACT SUBSURFACE UTILITY ROUTINGS, ETC. TO BE TURNED OVER TO OWNER UPON PROJECT COMPLETION.
- CONTROL POWER REQUIREMENTS TO BE SPECIFIED UNDER DIVISION 22 & 23. REFER TO DIVISION 16 FOR GENERAL REQUIREMENTS.
- ALL CIRCUITS SHALL CONTAIN A GROUNDING CONDUCTOR AS REQUIRED BY CODE. WHERE MORE THAN FOUR CURRENT CARRYING CONDUCTORS IN A RACEWAY, DERATE CIRCUIT AMPACITY AS PER THE NEC. NO MORE THAN THREE CIRCUITS SHALL SHARE A COMMON NEUTRAL. NEUTRAL CONDUCTOR SHALL MATCH BRANCH CIRCUIT CONDUCTORS UNLESS OTHERWISE NOTED. MINIMUM WIRE SIZE ALLOWED IS 12 AWG. 3-WAY AND 4-WAY SWITCH CIRCUITS SHALL INCLUDE A HOT CONDUCTOR AT EACH SWITCH LOCATION REGARDLESS OF THE POSITION OF THE SWITCH HANDLE. FOR FIXTURES WITH PROVISIONS FOR EMERGENCY BATTERY PACKS, A NON-SWITCHED HOT CONDUCTOR MUST BE PROVIDED FOR EACH EMERGENCY FIXTURE.
- PROVIDE PULL BOXES FOR ALL POWER, DATA, TELEPHONE, FIRE ALARM, AND OTHER CONDUITS RUNS SHOWN ON THE PLANS AS REQUIRED WHETHER SPECIFIED OR NOT.
- ALL 120 VOLT, 20 AMP CIRCUIT WIRING SHALL BE ADJUSTED FOR VOLTAGE DROP SUCH THAT THE MAXIMUM VOLTAGE DROP AT THE FURTHEST OUTLET OF POWER, HEATING, OR LIGHTING LOADS DOES NOT EXCEED 3%.
- ALL 120 VOLT, 20 AMP CIRCUITS WITH TOTAL LENGTH OF CONDUIT RUN EXCEEDING THE VALUES BELOW SHALL BE ADJUSTED TO THE WIRING SIZE BELOW WHETHER SPECIFIED OR NOT ON THE PLANS.
 - > 125 FEET #10 WIRE
 - > 175 FEET #8 WIRE
- CONTRACTOR SHALL SUPPLY ALL CIRCUITRY TO MOTOR CONTROLLERS AND VFD'S WHETHER SHOWN ON PLANS OR NOT.

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100% BID SET
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TRUE NORTH PLAN NORTH

HUSEMAN & Associates
Consulting Engineers

MECHANICAL ELECTRICAL PLUMBING FIRE PROTECTION
3928 N-110 SERVICE RD.
SUITE 2018 METAIRRE LA 70002
(504) 456-3119 FAX (504) 456-3122

Job No. 1705801
Drawn By MC
Designed By MC
Checked By JC

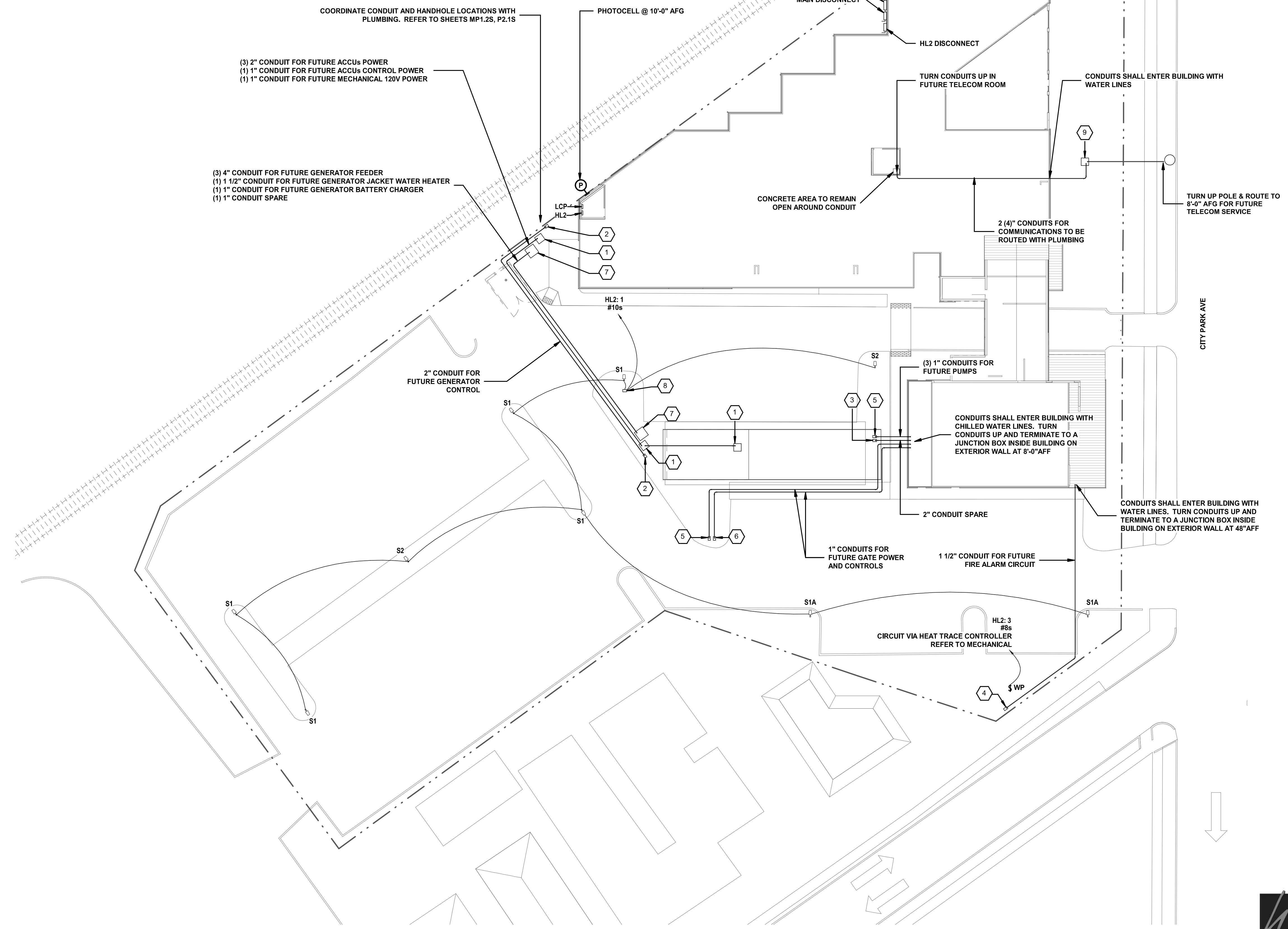
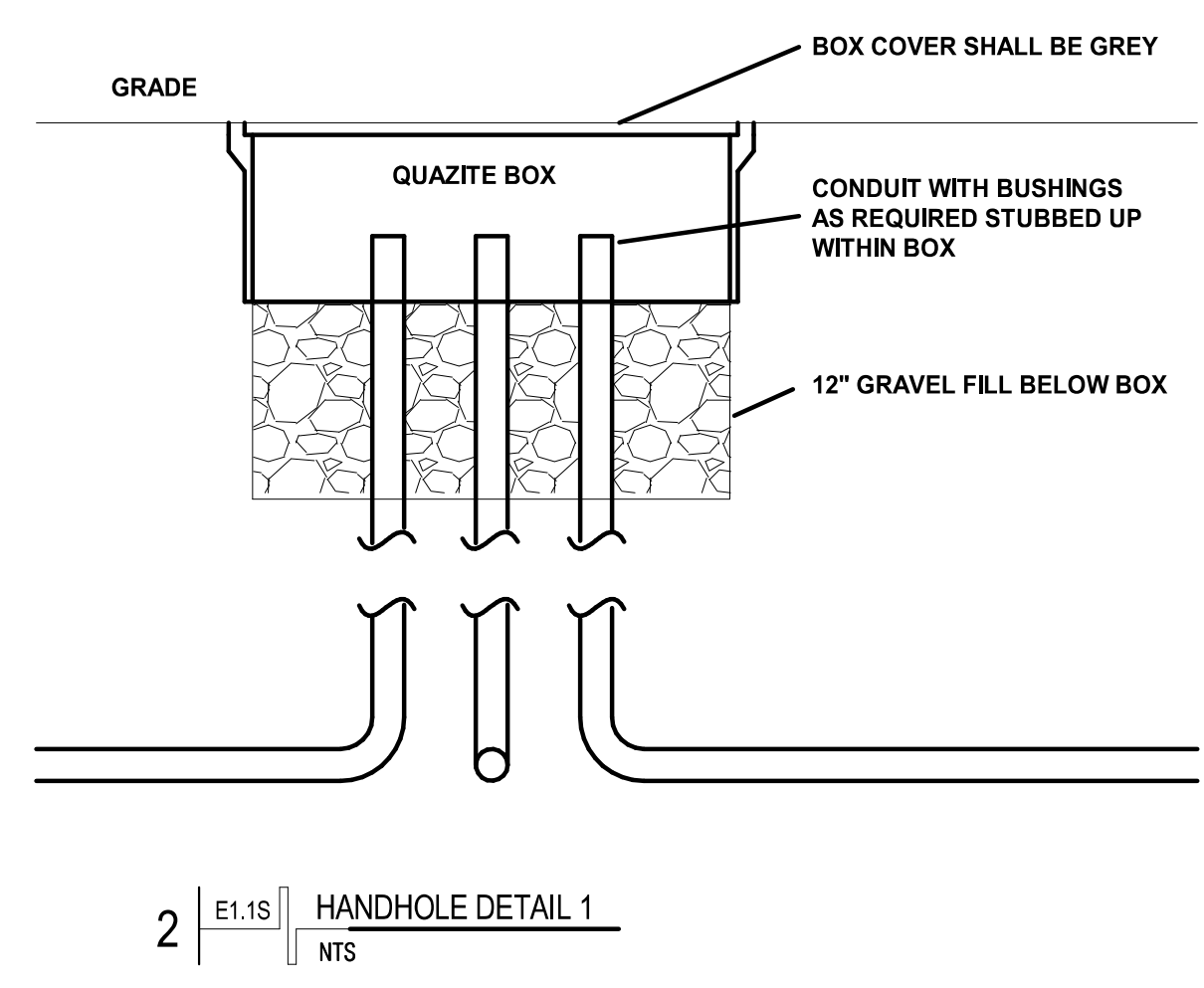
E1.0S
ELECTRICAL GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS

NEW ORLEANS FIRE DEPARTMENT HEADQUARTERS
PHASE 01 - INFRASTRUCTURE
401 CITY PARK AVENUE
NEW ORLEANS, LA 70119

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E1.1S
ELECTRICAL SITE PLAN



TRUE NORTH PLAN NORTH

HUSEMAN & Associates
Consulting Engineers

MECHANICAL ELECTRICAL PLUMBING FIRE PROTECTION
2828 N. I-10 SERVICE RD.
SUITE 2018 METairie LA 70002
(504) 496-3119 FAX (504) 496-3122

Job No. 1705801
Drawn By MC
Designed By MC
Checked By JC

1 | E1.1S | SITE PLAN - ELECTRICAL
3/64" = 1'-0"

1/24/2020 8:37:09 AM

RENOVATION LEGEND

- EXISTING WALLS, PARTITIONS, ROOF, COLUMNS, FIXTURES, EQUIPMENT, ECT. TO REMAIN. EXTERIOR STUCCO REMAIN. INSULATION + INTERIOR SHEETROCK TO BE INSTALLED
- NEW WALLS, PARTITIONS, COLUMNS, FIXTURES, EQUIPMENT, ECT. TO REMAIN.
- EXISTING WALLS, PARTITIONS, COLUMNS, FIXTURES, EQUIPMENT, ECT. TO BE REMOVED.

SITE PLAN LEGEND

- GRASS
- NEW CONCRETE PAVING
- STANDING SEAM METAL ROOF
- EXISTING BUILDING - N.I.C.
- ADA TACTILE WARNING STRIPS
- SOIL SPOIL AREA
- SEWER GRINDER AREA REF. PLUMBING
- NEW PERMEABLE DRIVE
- TREE
- H.B. HOSE BIB
- LIGHT POST (SHOWN FOR REFERENCE ONLY)
- EXTERIOR LIGHTING
- PROPERTY LINE
- ECO EXTERIOR CLEANOUTS - REFER TO MECHANICAL
- FIRE HYDRANT
- CLEAN OUT

GENERAL DEMOLITION NOTES

1. DEMOLITION WORK SHOWN INDICATES MINIMUM AMOUNT OF WORK TO BE PERFORMED TO ACCOMMODATE SCHEDULED CONSTRUCTION. COORDINATE LIMITS OF DEMOLITION WORK WITH SCOPE OF SCHEDULED CONSTRUCTION.
2. DEMOLITION AND OTHER WORK WHICH CREATES DISTURBING NOISE MUST BE SCHEDULED WITH BUILDING OWNER AND PERFORMED DURING HOURS PERMITTED. THE DELIVERY, HANDLING, AND INSTALLATION OF MATERIALS, EQUIPMENT AND DEBRIS MUST BE ARRANGED TO AVOID ANY INCONVENIENCE AND ANNOYANCE TO THE NEIGHBORHOOD.
3. PRIOR TO COMMENCEMENT OF DEMOLITION WORK, NOTIFY ARCHITECT OF ANY DISCREPANCIES OR CONFLICTING CONDITIONS WHICH MAY INTERFERE WITH THE SATISFACTORY COMPLETION OF THE WORK.
4. COORDINATE WITH OWNER FOR TEMPORARY STORAGE OF ITEMS INDICATED TO BE "REUSED", "RELOCATED", "SALVAGED", OR OTHERWISE MODIFIED AND REINSTALLED. COORDINATE WITH OWNER FOR PERMANENT STORAGE OF ITEMS INDICATED TO BE "RETURNED TO OWNER" OR OTHERWISE SAVED OR PRESERVED.
5. COORDINATE WITH OWNER FOR REMOVAL OF MOVEABLE EQUIPMENT AND OTHER ITEMS NOT SPECIFICALLY NOTED HEREIN DEMOLITION NOTES.
6. PROTECT AND PRESERVE ALL EXISTING ITEMS AND ADJACENT AREAS AROUND AREAS OF DEMOLITION.
7. CONTRACTOR TO VISIT THE SITE TO BECOME FAMILIAR WITH ALL CONDITIONS AND SERVICES PRIOR TO BIDDING SHALL INCLUDE RESPONSIBLE CONTINGENCIES IN ITS BID FOR OBSERVABLE CONDITIONS.
8. SEE STRUCTURAL DEMOLITION PLANS FOR ALL NECESSARY STRUCTURAL REMOVAL AND SITE PREPARATION.
9. SEE CIVIL DEMOLITION PLANS FOR ALL NECESSARY STRUCTURAL REMOVAL AND SITE PREPARATION.
10. SEE MEP DEMOLITION PLANS FOR ALL NECESSARY MEP REMOVAL AND SITE PREPARATION.
11. SEE MEP DEMOLITION PLANS FOR ALL NECESSARY MEP REMOVAL AND SITE PREPARATION.

KEYNOTES

- A 1 RESTRIPE AREA PREVIOUSLY DESIGNATED FOR ADA PARKING AS 9'X18' PARKING STALLS. REF. CIVIL.
- A 2 REMOVE EXISTING TEMPORARY BOLLARDS.
- A 17 CLEAR ALL VEGETATION AS REQUIRED
- A 37 EXISTING CURB TO REMAIN. REF. CIVIL
- A 42 EXISTING SIDEWALK TO REMAIN (REF. PHASE ONE)
- A 43 VEGETATION TO REMAIN REF. LANDSCAPE PLAN
- A 44 EXTERIOR WALL FOR SECOND FLOOR; REMOVE STUCCO FROM WALLS DOWN TO THE STUD AND PREPARE FOR NEW STOREFRONT AND METAL PANELING. RETAIN ALL STRUCTURAL LIGHT GAUGE STEEL FOR WALLS AND ROOF. FOR INSTALL NEW METAL ROOF REF. STRUCTURAL

**NEW ORLEANS FIRE DEPARTMENT HEADQUARTERS
PHASE 02
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NEW ORLEANS, LA 70119**

REVISIONS

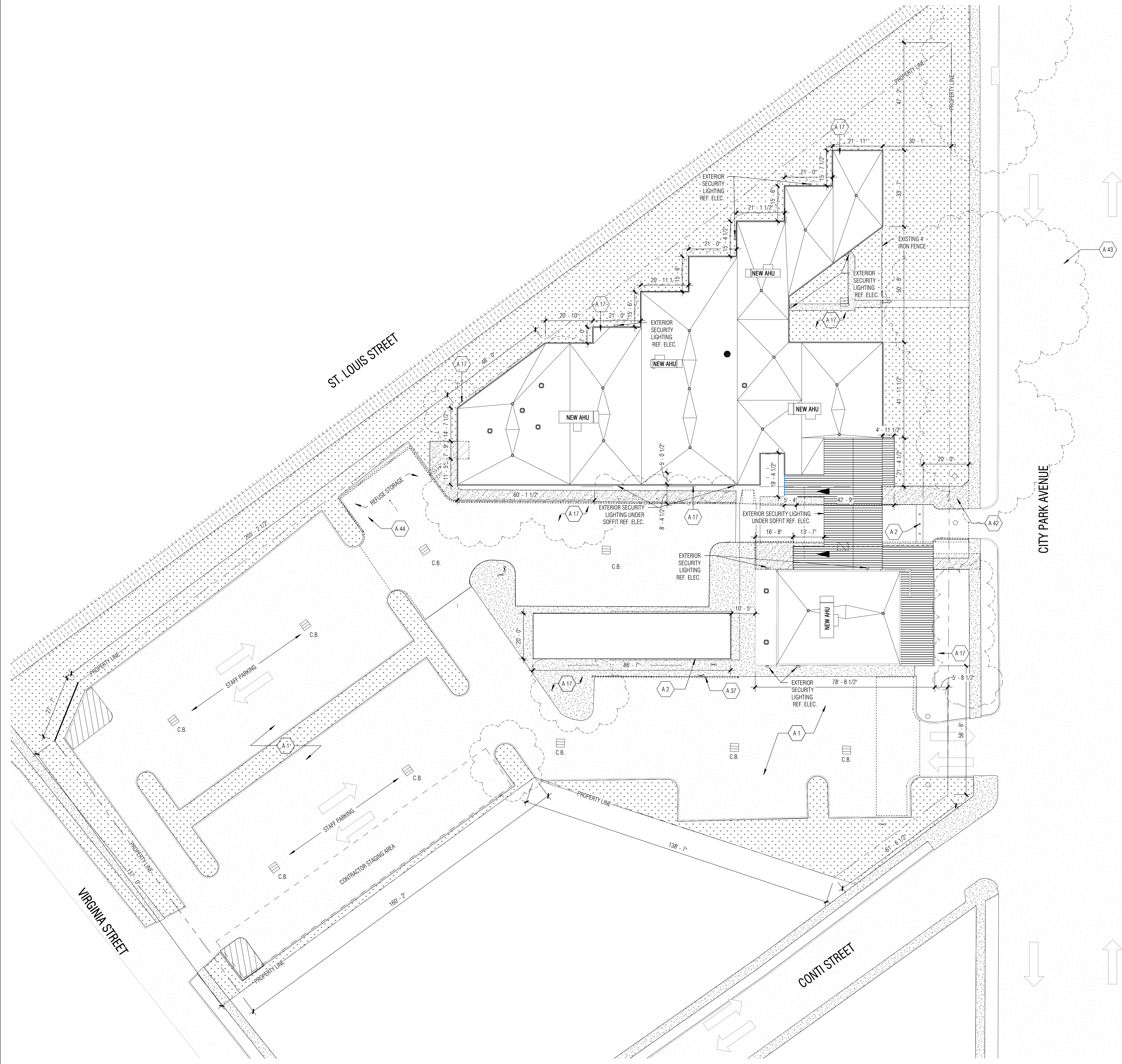
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A1.0
SITE PLAN



1 STREET SIDE SPECIES TREES TO REMAIN. PROTECT FROM DAMAGE. TRIM TO AVOID CONFLICT WITH UTILITY LINES AND STREETLIGHTS.



2 SAGO PALM TO BE TRIMMED. REMOVE DEAD AND UNHEALTHY FRONDS. REMOVE ALL SUCKERS. TRIM ALL FRONDS WITHIN 18" OF FACADE.



3 REMOVE EXISTING TREE. GRIND TO BELOW GRADE. FILL WITH SUITABLE TOPSOIL. SEE LANDSCAPE DEMOLITION NOTE #7.



5 REMOVE EXISTING TREES AND SHRUB. GRIND TO BELOW GRADE. FILL WITH SUITABLE TOPSOIL.



4 EXISTING EVERGREEN SHRUB, ELM TREE TO BE REMOVED. OTHER SURROUNDING SPECIES TO BE REMOVED. GRIND TO BELOW GRADE AND BACK FILL WITH SUITABLE TOPSOIL. SEE LANDSCAPE DEMOLITION NOTE #7.



8 GINGER, REMOVE AND BACK FILL WITH SUITABLE TOPSOIL. SEE LANDSCAPE DEMOLITION NOTE #7.



9 REMOVE ALL OVER GROWTH, SHRUBBERY, TREES FROM WITHIN 30" OF FACADE (UNLESS OTHERWISE NOTED) TO PROVIDE FOR FUTURE RENOVATION AS PER SPECIFICATION. SEE LANDSCAPE DEMOLITION NOTE #6.



10
11
12
13

EXISTING CREPE MYRTLE TREES AND OLEANDERS TO REMAIN. REMAINING OVERGROWTH TO BE REMOVED. REMOVE ALL CREPE MYRTLE SUCKERS AND TRIM HORIZONTAL BRANCHES <7' HIGH. PROVIDE 30" CLEARANCE TO BUILDING FACADE. SEE LANDSCAPE DEMOLITION NOTE #6.



14 EXISTING VINES ARE CAUSING WALL, ROOF, AND EAVE DAMAGE. VINES TO BE REMOVED IN ITS ENTIRETY. SEE LANDSCAPE DEMOLITION NOTE #6 & #7.



15 EXISTING BIRCH TREE AND SHRUB(S) DAMAGING EXISTING FENCE, WALL, AND POSSIBLY FOUNDATION. REMOVE ALL. GRIND STUMPS TO BELOW GRADE. BACKFILL WITH SUITABLE TOPSOIL. SEE LANDSCAPE DEMOLITION NOTE #6 & 7.



16 EXISTING TREE AND SHRUBS DAMAGING EXISTING FENCE. REMOVE ALL. GRIND STUMPS TO BELOW GRADE. BACK FILL WITH SUITABLE TOPSOIL. SEE LANDSCAPE DEMOLITION NOTE #7.



17 EXISTING TREE TO BE REMOVED ENTIRELY. GRIND TO BELOW GRADE AND BACK FILL WITH SUITABLE TOPSOIL.



20 EXISTING PECAN TREE CAUSING ROOF, EAVE, AND POSSIBLE FOUNDATION DAMAGE. REMOVE. GRIND STUMP TO BELOW GRADE AND BACKFILL WITH SUITABLE TOPSOIL. SEE LANDSCAPE DEMOLITION NOTE #7.



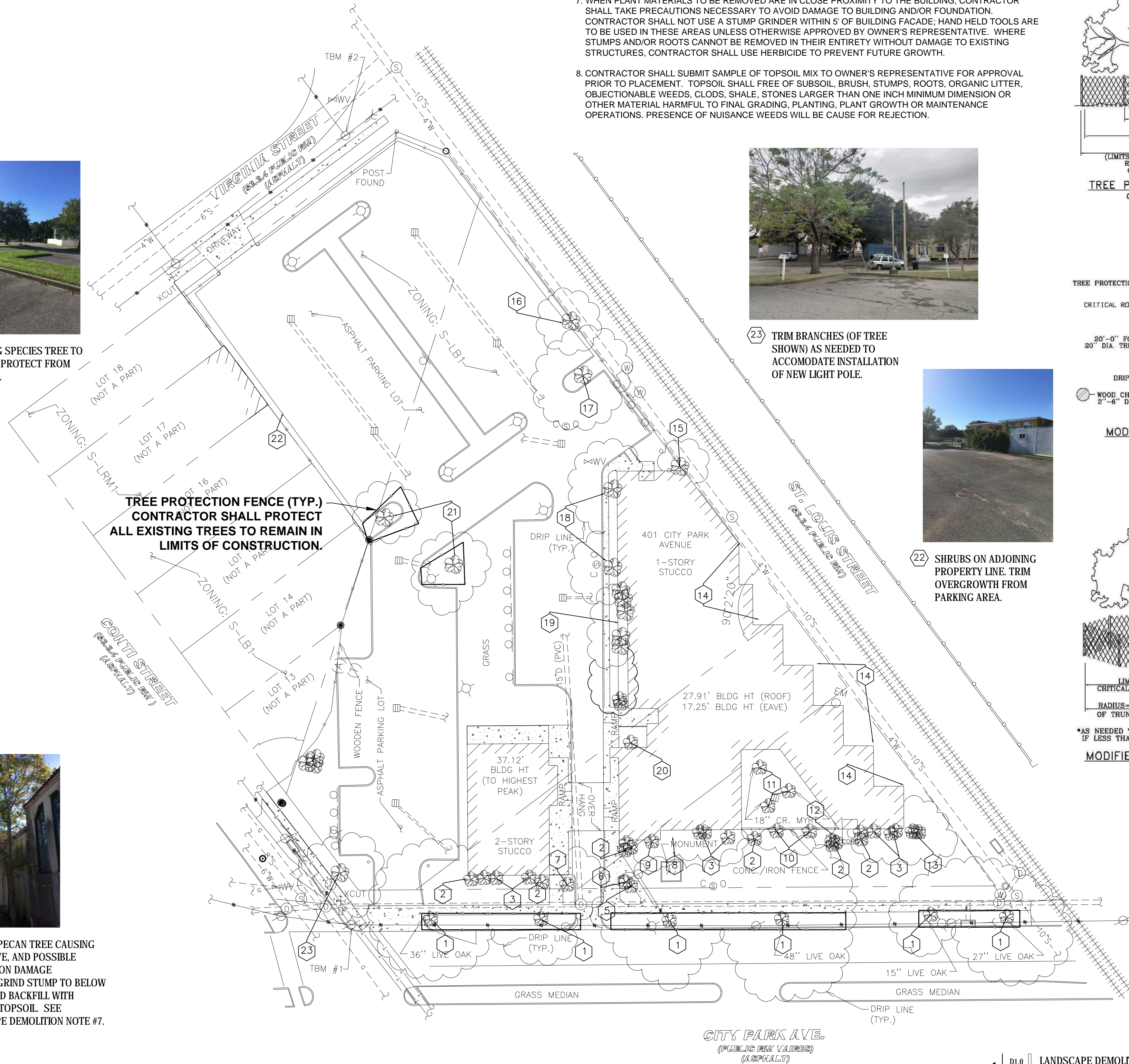
19 MULTIPLE SHRUBS AND OVERGROWTH. REMOVE. GRIND TO BELOW GRADE AND BACKFILL WITH SUITABLE TOPSOIL. SEE LANDSCAPE DEMOLITION NOTE #7.



18 EXISTING TREE CAUSING ROOF, EAVE, AND POSSIBLE FOUNDATION DAMAGE. REMOVE. GRIND STUMP TO BELOW GRADE AND BACKFILL WITH SUITABLE TOPSOIL. SEE LANDSCAPE DEMOLITION NOTE #7.

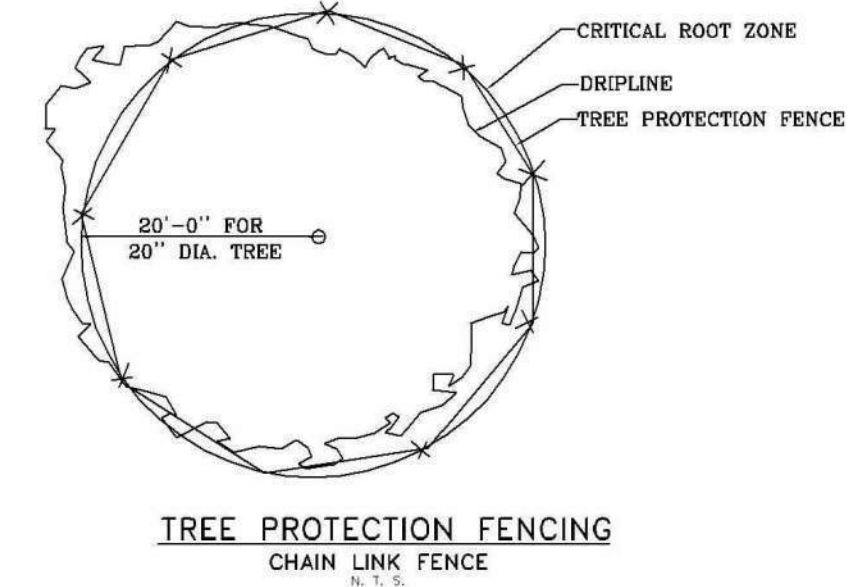


21 EXISTING SPECIES TREE TO REMAIN. PROTECT FROM DAMAGE.

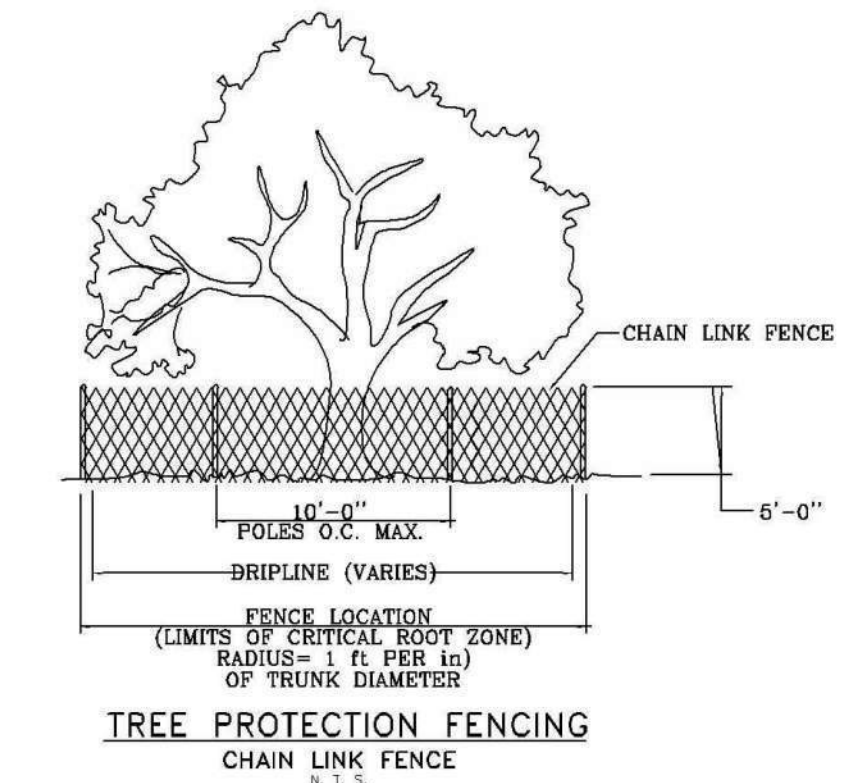


LANDSCAPE DEMOLITION PLAN NOTES

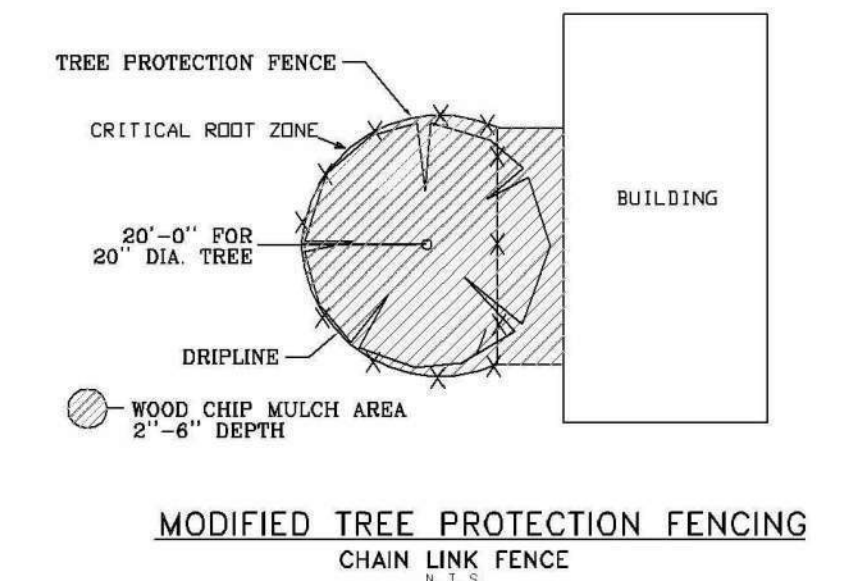
- CONTRACTOR IS ADVISED THAT UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR SHOULD TAKE EXTRA CARE IN EXCAVATING THESE LAND AREAS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY DAMAGE TO UNDERGROUND UTILITIES CAUSED BY CONSTRUCTION ACTIVITIES.
- CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION AND DEMOLITION DEBRIS IN ACCORDANCE WITH ALL APPLICABLE STATE, FEDERAL AND LOCAL REGULATIONS. NO CONSTRUCTION DEBRIS IS TO BE BURIED OR DEPOSITED ON SITE.
- CONTRACTOR SHALL KEEP STREETS, DRIVES, AND PARKING LOTS FREE OF DIRT AND DEBRIS.
- TREES ARE TO BE PROTECTED PER SPECIFICATIONS AND TREE PROTECTION PLAN. CONTRACTOR SHALL TAKE MEASURES TO AVOID DAMAGING BARK AND/OR ROOT SYSTEMS. ANY TREES DAMAGED SHALL BE REPLACED, BY THE CONTRACTOR AT NO COST TO THE OWNER, BY CROSS SECTION (SQ INCH FOR SQ INCH) AT D.B.H. OF THE EXISTING TREES.
- CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO AVOID FURTHER DAMAGE TO EXISTING BUILDING FACADE, ROOF, AND FOUNDATION.
- WHERE VINES OR OTHER PLANT MATERIALS ARE ATTACHED TO OR GROWING INTO THE BUILDING, THE CONTRACTOR SHALL REMOVE PLANT MATERIALS AND ROOTS BY HAND IN ORDER TO AVOID UNNECESSARY COLLATERAL DAMAGE TO THE BUILDING. CONTRACTOR MAY NOT PULL ATTACHED PLANT MATERIAL AWAY FROM BUILDING WITH MACHINERY. CONTRACTOR SHALL INFORM OWNER'S REPRESENTATIVE OF CIRCUMSTANCES WHERE FURTHER DAMAGE TO BUILDING MAY OCCUR.
- WHEN PLANT MATERIALS TO BE REMOVED ARE IN CLOSE PROXIMITY TO THE BUILDING, CONTRACTOR SHALL TAKE PRECAUTIONS NECESSARY TO AVOID DAMAGE TO BUILDING AND/OR FOUNDATION. CONTRACTOR SHALL NOT USE A STUMP GRINDER WITHIN 5' OF BUILDING FACADE; HAND HELD TOOLS ARE TO BE USED IN THESE AREAS UNLESS OTHERWISE APPROVED BY OWNER'S REPRESENTATIVE. WHERE STUMPS AND/OR ROOTS CANNOT BE REMOVED IN THEIR ENTIRETY WITHOUT DAMAGE TO EXISTING STRUCTURES, CONTRACTOR SHALL USE HERBICIDE TO PREVENT FUTURE GROWTH.
- CONTRACTOR SHALL SUBMIT SAMPLE OF TOPSOIL MIX TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO PLACEMENT. TOPSOIL SHALL BE FREE OF SUBSOIL, BRUSH, STUMPS, ROOTS, ORGANIC LITTER, OBJECTIONABLE WEEDS, CLODS, SHALE, STONES LARGER THAN ONE INCH MINIMUM DIMENSION OR OTHER MATERIAL HARMFUL TO FINAL GRADING, PLANTING, PLANT GROWTH OR MAINTENANCE OPERATIONS. PRESENCE OF NUISANCE WEEDS WILL BE CAUSE FOR REJECTION.



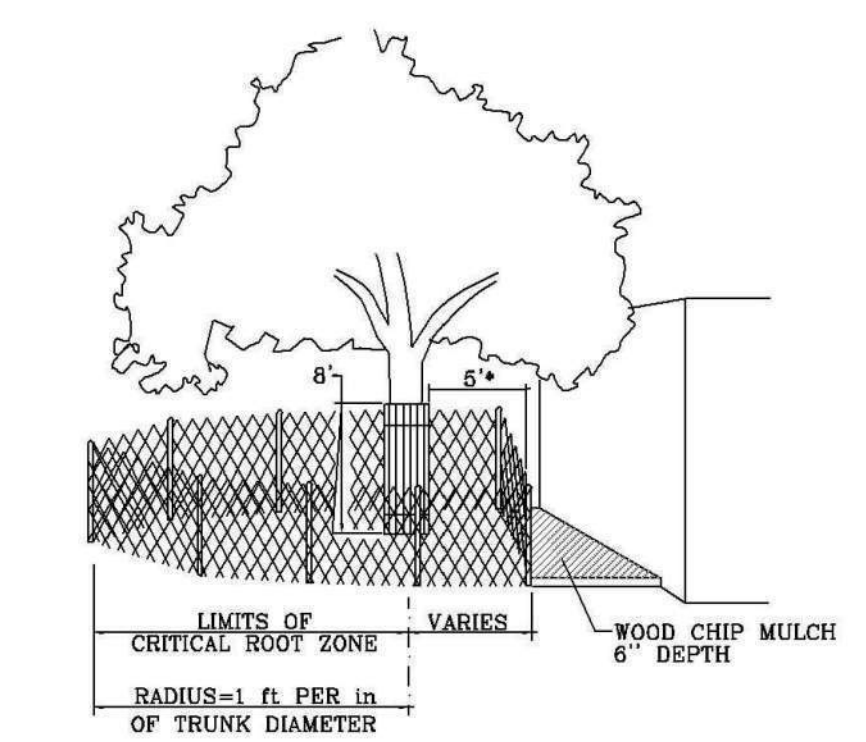
TREE PROTECTION FENCING
CHAIN LINK FENCE



TREE PROTECTION FENCING
CHAIN LINK FENCE



MODIFIED TREE PROTECTION FENCING
CHAIN LINK FENCE



MODIFIED TREE PROTECTION FENCING
CHAIN LINK FENCE

*AS NEEDED TO PROVIDE MINIMUM NECESSARY WORK SPACE. IF LESS THAN 6", THEN ADD BOARDS STRAPPED TO TRUNK.

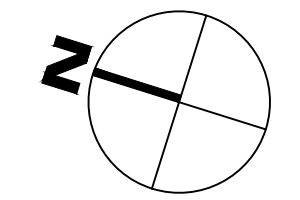
MODIFIED TREE PROTECTION FENCING
CHAIN LINK FENCE



23 TRIM BRANCHES (OF TREE SHOWN) AS NEEDED TO ACCOMMODATE INSTALLATION OF NEW LIGHT POLE.



22 SHRUBS ON ADJOINING PROPERTY LINE. TRIM OVERGROWTH FROM PARKING AREA.



REVISIONS		
NO.	DESCRIPTION	DATE
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100% BID SET
DATE 24 JAN 2020
PROJ NO. A1605

REVISIONS		
△	DESCRIPTION	DATE

REVIEW SET	
DATE	24 JAN 2020
PROJ. NO.	A1605

GENERAL NOTES

- Any modifications to planting layout, plant materials, etc. shall be approved by the Landscape Architect prior to execution.

LANDSCAPE NOTES

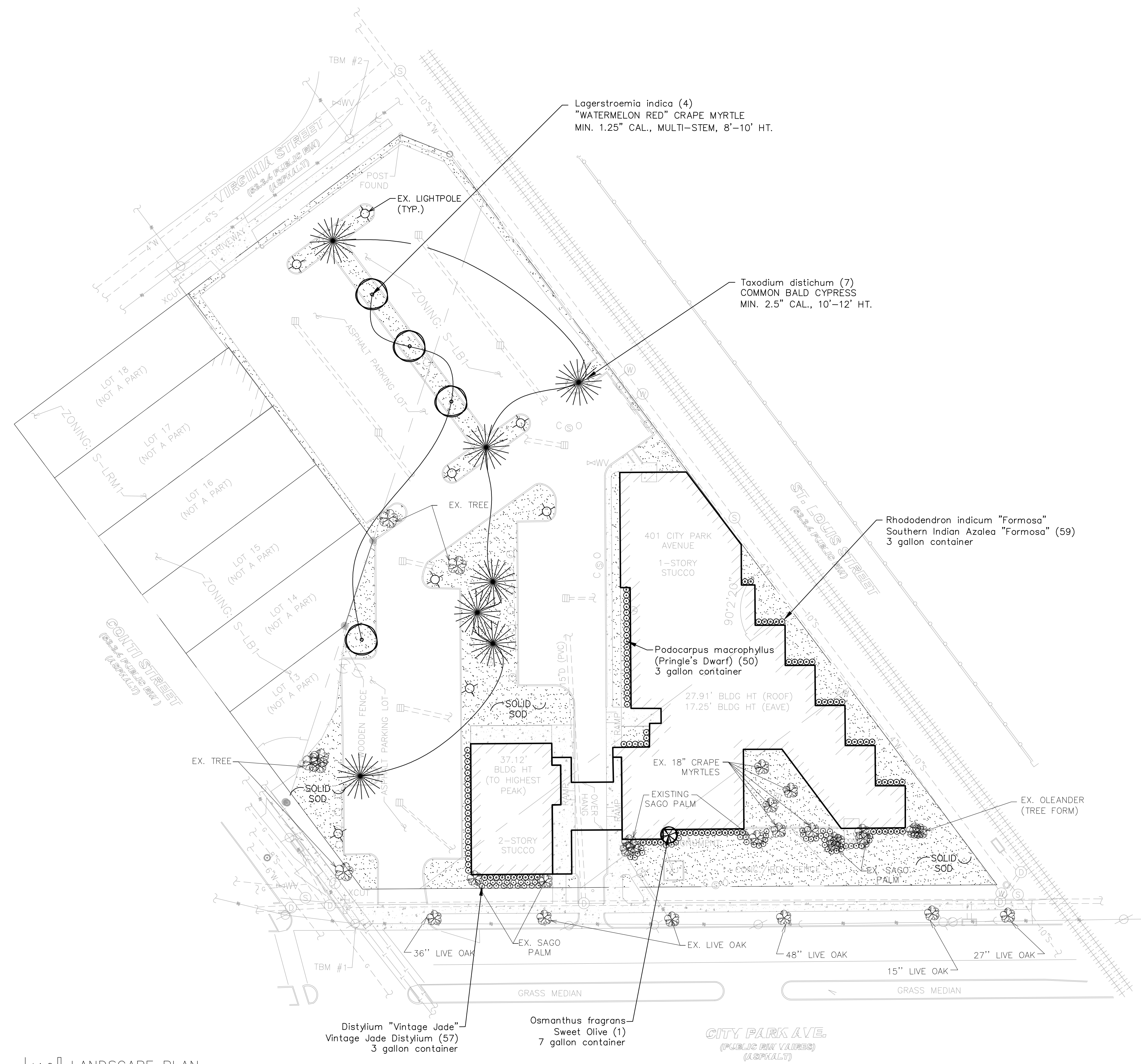
- Contractor shall verify all existing and proposed site elements and notify Landscape Architect of any discrepancies. Survey data of existing conditions was supplied by others.
- Contractor shall locate all existing underground utilities and notify Architect of any conflicts. Contractor shall exercise caution when working in the vicinity of underground utilities.
- Contractor is responsible for obtaining all required landscape and irrigation permits.
- Contractor to provide a minimum 2% slope away from all structures.
- All planting beds and lawn areas to be separated by steel edging. No steel to be installed adjacent to sidewalks or curbs.
- All landscape areas to be maintained per city's landscape code.
- All lawn areas to be Solid Sod Centipede, unless otherwise noted on the drawings.

GENERAL LAWN NOTES

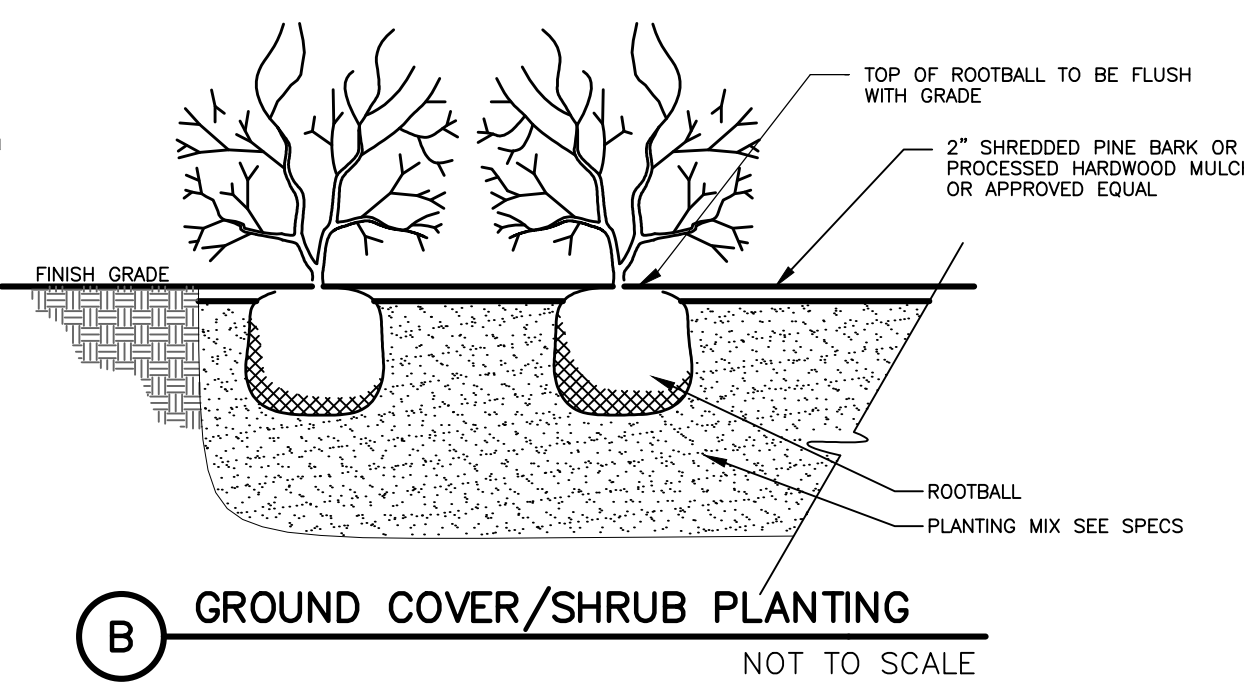
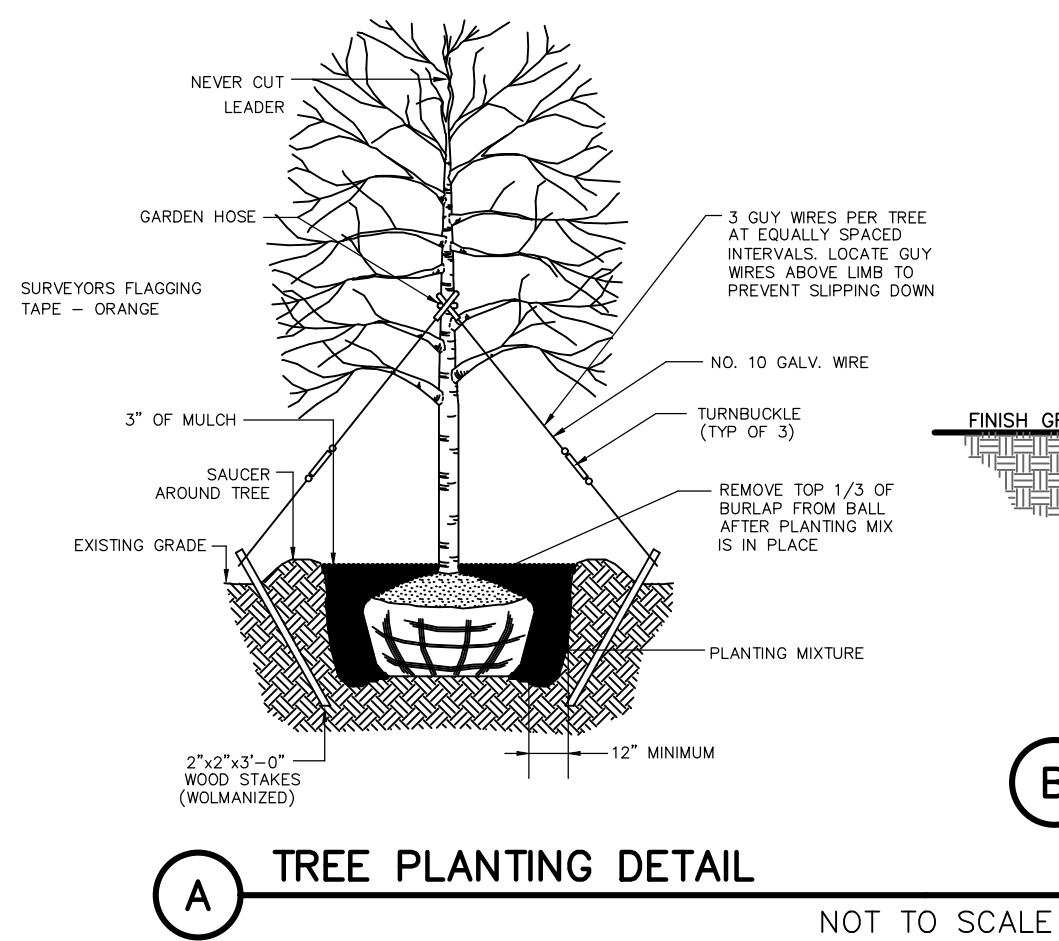
- Fine grade areas to achieve final contours indicated. Leave areas to receive topsoil 3" below final desired grade in planting areas and 1" below final grade in turf areas.
- Adjust contours to achieve positive drainage away from buildings. Provide uniform rounding at top and bottom of slopes and other breaks in grade. Correct irregularities and areas where water may stand.
- All lawn areas to receive solid sod shall be left in a maximum of 1" below final finish grade. Contractor to coordinate operations with on-site Construction Manager.
- Imported topsoil shall be natural, friable soil from the region, known as bottom land soil, free from lumps, clay, toxic substances, roots, debris, vegetation, stones, containing no salt and black to brown in color.
- Contractor shall provide (2") two inches of imported topsoil on all areas to receive lawn.
- All lawn areas to be fine graded, irrigation trenches completely settled, and finish approved by the Architect prior to installation.

SOLID SOD NOTES

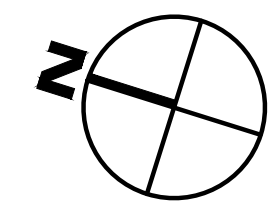
- Fine grade areas to achieve final contours indicated. Leave areas to receive topsoil 3" below final desired grade in planting areas and 1" below final grade in turf areas.
- Adjust contours to achieve positive drainage away from buildings. Provide uniform rounding at top and bottom of slopes and other breaks in grade. Correct irregularities and areas where water may stand.
- All lawn areas to receive solid sod shall be left in a maximum of 1" below final finish grade. Contractor to coordinate operations with on-site Construction Manager.
- Contractor to coordinate with on-site Construction Manager for availability of existing topsoil.
- Plant sod by hand to cover indicated area completely. Insure edges of sod are touching. Top dress joints by hand with compost to fill voids.
- Roll grass areas to achieve a smooth, even surface, free from unnatural undulations.
- Water sod thoroughly as sod operation progresses.
- Contractor shall maintain all lawn areas until final acceptance. This shall include, but not limited to: mowing, watering, weeding, cultivating, cleaning and replacing dead or bare areas to keep plants in a vigorous, healthy condition.
- Contractor shall guarantee establishment of an acceptable turf area and shall provide replacement from local supply if necessary.
- If installation occurs between September 1 and March 1, all sod areas to be over-seeded with Winter Ryegrass, at a rate of (4) pounds per one thousand (1000) square feet.

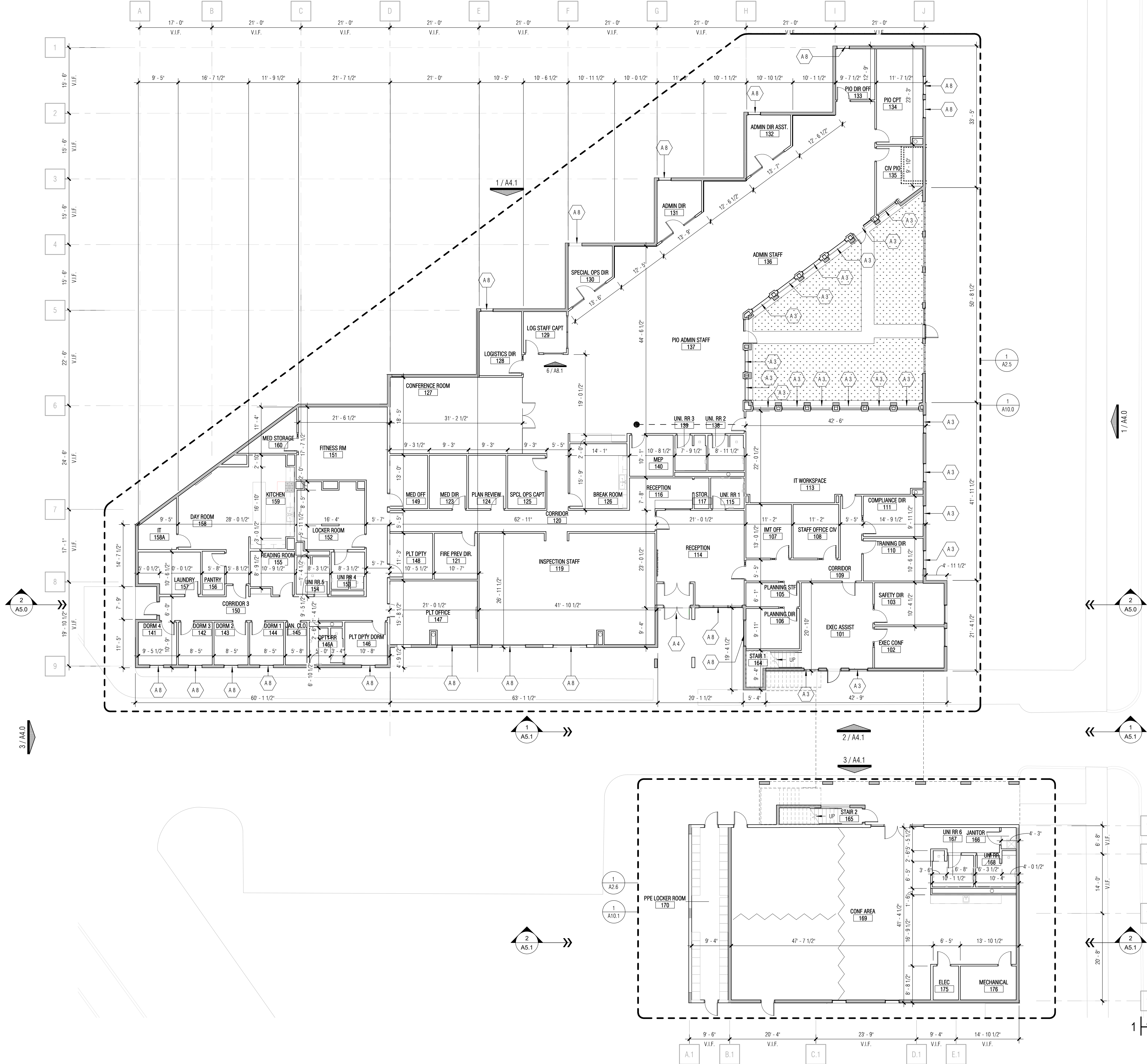


1 | L1.0 | LANDSCAPE PLAN
1/32" = 1'-0"



REVIEW SET
NOT FOR CONSTRUCTION





SITE PLAN LEGEND

	GRASS		NEW CONCRETE PAVING
	STANDING SEAM METAL ROOF		EXISTING BUILDING - N.I.C.
	ADA TACTILE WARNING STRIPS		SOIL SPOIL AREA
	SEWER GRINDER AREA REF. PLUMBING		NEW PERMEABLE DRIVE
	TREE		H.B. HOSE BIB
	LIGHT POST (SHOWN FOR REFERENCE ONLY)		EXTERIOR LIGHTING
	PROPERTY LINE		ECO EXTERIOR CLEANOUTS - REFER TO MECHANICAL
	FIRE HYDRANT		CO CLEAN OUT

RENOVATION LEGEND

	EXISTING WALLS, PARTITIONS, COLUMNS, FIXTURES, EQUIPMENT, ETC. TO REMAIN
	NEW WALLS, PARTITIONS, COLUMNS, FIXTURES, EQUIPMENT, ETC.
	EXISTING WALLS, PARTITIONS, COLUMNS, FIXTURES, EQUIPMENT, ETC. TO BE REMOVED
	EXISTING FIXTURES, EQUIPMENT, ETC. TO BE REMOVED AND RELOCATED
	EXISTING FIXTURES, EQUIPMENT, ETC. TO BE RELOCATED FROM ITS PREVIOUS LOCATION
	RATED PARTITION

FIRE EXTINGUISHER LEGEND

	F.E.C. RECESSED FIRE EXTINGUISHER CABINET (10 44 00)
	F.E.C. SEMI-RECESSED FIRE EXTINGUISHER CABINET (10 44 00)
	FE WALL HUNG FIRE EXTINGUISHER (10 44 00)

- ### FLOOR PLAN GENERAL NOTES
- UNLESS OTHERWISE INDICATED ALL INTERIOR PARTITION DIMENSIONS ARE FACE TO FACE UNLESS OTHERWISE INDICATED ON THE FLOOR PLAN(S) OR REFLECTED CEILING PLAN(S). ALL CEILING HEIGHTS ARE 9'-0".
 - FOR ROOM FINISH SCHEDULE, FRAME AND DOOR SCHEDULE CLARIFICATION OF REFERENCE DESIGNATIONS FOR INTERIOR PARTITIONS, REFER TO SHEET.
 - ALL DIMENSIONS SHOWN AT EXISTING CONDITIONS ARE PLUS OR MINUS AND SHOULD BE VERIFIED, IF NECESSARY, ON THE PROJECT SITE.
 - REMOVE ALL INTERIOR GYPSUM WALLBOARD UNLESS OTHERWISE NOTED.
 - REMOVE AND REPLACE EXISTING EXTERIOR ROOFING THROUGH HAZARD MITIGATION.
 - REMOVE AND REPLACE ALL EXISTING WINDOWS AND DOORS FOR BUILDING HARDENING.
 - SEE STRUCTURAL DRAWINGS FOR COLUMN AND BEAM INFORMATION PERTAINING TO FRAMING.
 - SEE STRUCTURAL DRAWINGS FOR DETAILS AND SPECIFICATIONS.
 - PROVIDE BLOCKING AS REQUIRED AT ALL WALL MOUNTED ITEM LOCATIONS, INCLUDING MILLWORK, SHELVING, FIXTURES, ETC.
 - SLOPE FLOORS TO FLOOR DRAINS AS INDICATED ON DRAWINGS.
 - SEE A0.1 FOR GENERAL NOTES.
 - SEE A1.2 FOR ALL HANDICAP RAMPS.
 - SEE A7.0 FOR ALL PARTITION TYPES AND DOOR SYMBOLS.
 - SEE A0.3 FOR ALL STANDARD MOUNTING HEIGHTS.
 - SEE A4.0 SERIES FOR ALL BUILDING ELEVATIONS.
 - SEE MEP FOR PLUMBING FIXTURES & DRAIN LOCATIONS.
 - SEE A7.1 FOR DOOR, WINDOW AND HARDWARE NOTES.
 - ALL DOORS ARE 4" OFF PERPENDICULAR WALL.
 - FOR ALL FURNITURE, FIXTURES AND EQUIPMENT REF. A10.0 SERIES.
 - SEE A2.7, A2.8 AND A8.3 FOR FINISH LOCATIONS AND SCHEDULE.

- ### KEYNOTE DESIGNATION
- A.3 REMOVE EXISTING WINDOW AND PREPARE STUCCO EXTERIOR SKIN FOR NEW WINDOW HARDENING AND EXTERIOR CLADDING INSTALLATION.
 - A.4 REMOVE EXISTING DOOR AND PREPARE OPENING NEW DOOR HARDENING INSTALLATION.
 - A.8 CUT AND PREPARE WALL FOR NEW WINDOW INSTALLATION.
 - A.41 INFILL OPENINGS IN STUCCO WALL. MATCH FINISH OF SURROUNDING WALL. INSTALL CONTROL JOINTS AT EXISTING BREAKS.

NOTE: ALL EXISTING DIMENSIONS ARE APPROXIMATE AND SHALL BE VERIFIED IN FIELD AND COORDINATED WITH NEW WORK. NO ADDITIONAL COMPENSATION SHALL BE CONSIDERED FOR VARIATIONS OF ACTUAL DIMENSIONS.

1/A2.0 FIRST FLOOR PLAN
3/32" = 1'-0"

NEW ORLEANS FIRE DEPARTMENT HEADQUARTERS
PHASE 02
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 NEW ORLEANS, LA 70119

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 PROJ NO. 1605

A2.0
 OVERALL FLOOR PLAN - LEVEL 01



RENOVATION LEGEND

- EXISTING WALLS, PARTITIONS, ROOF, COLUMNS, FIXTURES, EQUIPMENT, ECT. TO REMAIN. EXTERIOR STUCCO REMAIN. INSULATION + INTERIOR SHEETROCK TO BE INSTALLED.
- NEW WALLS, PARTITIONS, COLUMNS, FIXTURES, EQUIPMENT, ECT. TO REMAIN.
- EXISTING WALLS, PARTITIONS, COLUMNS, FIXTURES, EQUIPMENT, ECT. TO BE REMOVED.

FIRE EXTINGUISHER LEGEND

- RECESSED FIRE EXTINGUISHER CABINET (10 44 00)
- SEMI-RECESSED FIRE EXTINGUISHER CABINET (10 44 00)
- WALL HUNG FIRE EXTINGUISHER (10 44 00)

FLOOR PLAN GENERAL NOTES

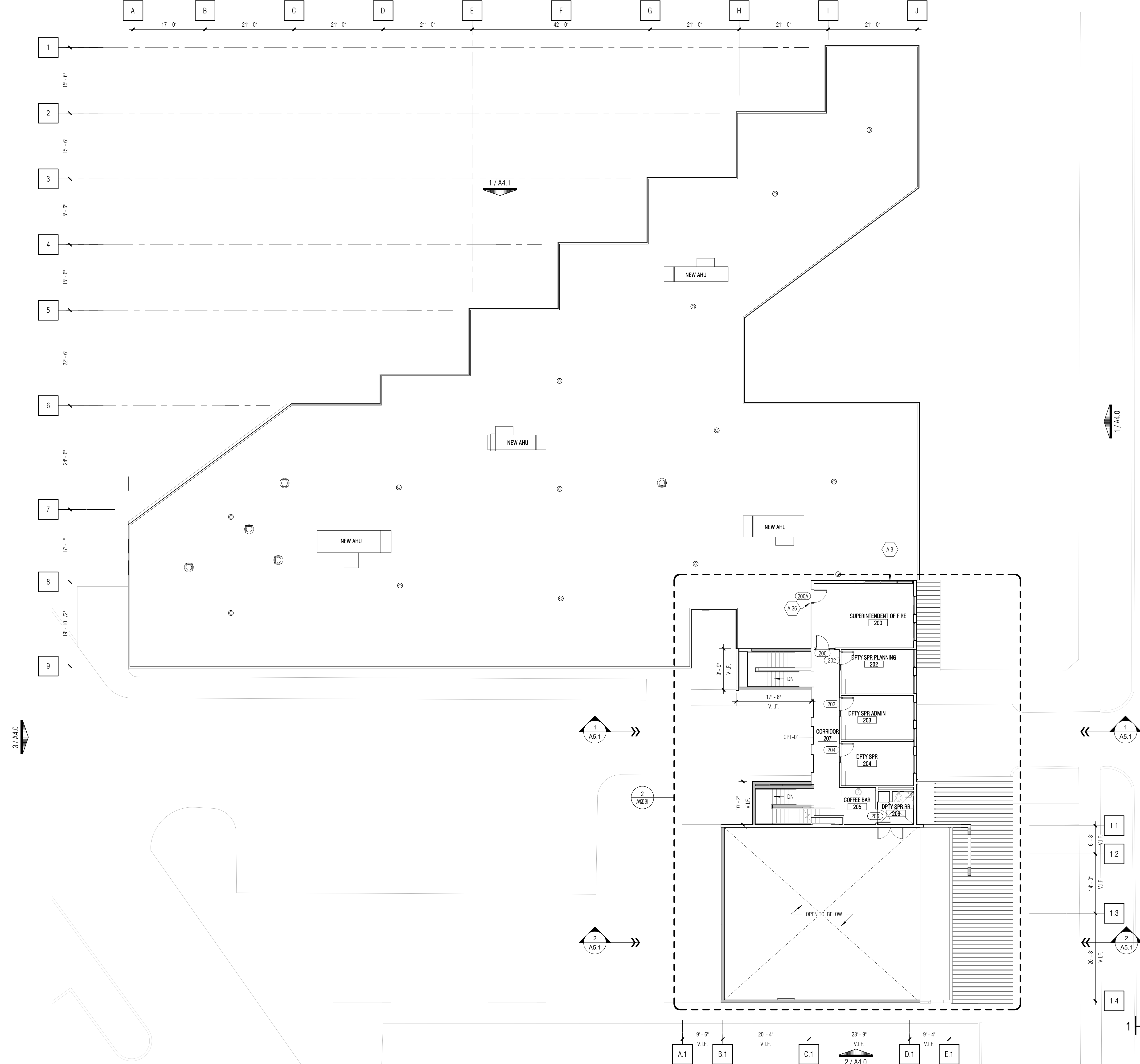
1. UNLESS OTHERWISE INDICATED ALL INTERIOR PARTITION DIMENSIONS ARE FACE TO FACE
2. UNLESS OTHERWISE INDICATED ON THE FLOOR PLAN(S) OR REFLECTED CEILING PLAN(S), ALL CEILING HEIGHTS ARE 9'-0"
3. FOR ROOM FINISH SCHEDULE, FRAME AND DOOR SCHEDULE CLARIFICATION OF REFERENCE DESIGNATIONS FOR INTERIOR PARTITIONS, REFER TO SHEET.
4. ALL DIMENSIONS SHOWN AT EXISTING CONDITIONS ARE PLUS OR MINUS AND SHOULD BE VERIFIED, IF NECESSARY, ON THE PROJECT SITE.
5. REMOVE ALL INTERIOR GYPSUM WALLBOARD UNLESS OTHERWISE NOTED.
6. REMOVE AND REPLACE EXISTING EXTERIOR ROOFING THROUGH HAZARD MITIGATION.
7. REMOVE AND REPLACE ALL EXISTING WINDOWS AND DOORS FOR BUILDING HARDENING.
8. SEE STRUCTURAL DRAWINGS FOR COLUMN AND BEAM INFORMATION PERTAINING TO FRAMING.
9. SEE STRUCTURAL DRAWINGS FOR DETAILS AND SPECIFICATIONS.
10. PROVIDE BLOCKING AS REQUIRED AT ALL WALL MOUNTED ITEM LOCATIONS, INCLUDING MILLWORK, SHELVING, FIXTURES, ETC.
11. SLOPE FLOORS TO FLOOR DRAINS AS INDICATED ON DRAWINGS.
12. SEE A0.1 FOR GENERAL NOTES.
13. SEE A1.2 FOR ALL HANDICAP RAMPS.
14. SEE A7.0 FOR ALL PARTITION TYPES AND DOOR SYMBOLS.
15. SEE A0.3 FOR ALL STANDARD MOUNTING HEIGHTS.
16. SEE A4.0 SERIES FOR ALL BUILDING ELEVATIONS.
17. SEE MEP FOR PLUMBING FIXTURES & DRAIN LOCATIONS.
18. SEE A7.1 FOR DOOR, WINDOW AND HARDWARE NOTES.
19. ALL DOORS ARE 4" OFF PERPENDICULAR WALL.
20. FOR ALL FURNITURE, FIXTURES AND EQUIPMENT REF. A10.0 SERIES
21. SEE A2.7, A2.8 AND A8.3 FOR FINISH LOCATIONS AND SCHEDULE

KEYNOTE DESIGNATION

- A 3 REMOVE EXISTING WINDOW AND PREPARE STUCCO EXTERIOR SKIN FOR NEW WINDOW HARDENING AND EXTERIOR CLADDING INSTALLATION.
- A 34 WALL / PARAPET BEYOND TO REMAIN
- A 36 ROOF ACCESS DOOR. 12' ABOVE ROOF

NOTE:
ALL EXISTING DIMENSIONS ARE APPROXIMATE AND SHALL BE VERIFIED IN FIELD AND COORDINATED WITH NEW WORK. NO ADDITIONAL COMPENSATION SHALL BE CONSIDERED FOR VARIATIONS OF ACTUAL DIMENSIONS.

1 | A2.1 | REFERENCE PLAN - SECOND FLOOR
3/32" = 1'-0"



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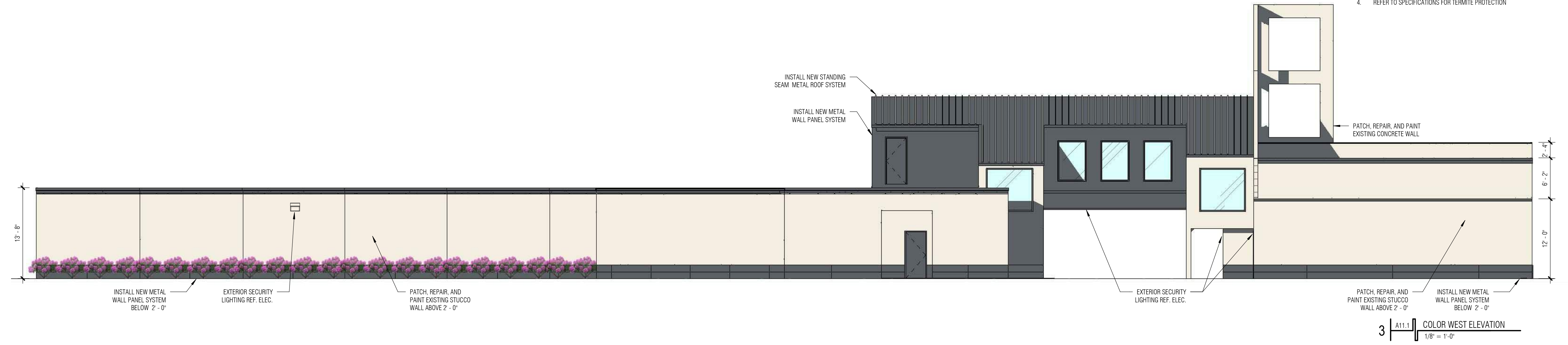
A2.1
OVERALL FLOOR PLAN - LEVEL 02

RENOVATION LEGEND

- EXISTING WALLS, PARTITIONS, ROOF, COLUMNS, FIXTURES, EQUIPMENT, ECT. TO REMAIN. EXTERIOR STUCCO REMAIN. INSULATION + INTERIOR SHEETROCK TO BE INSTALLED
- NEW WALLS, PARTITIONS, COLUMNS, FIXTURES, EQUIPMENT, ECT. TO REMAIN.
- EXISTING WALLS, PARTITIONS, COLUMNS, FIXTURES, EQUIPMENT, ECT. TO BE REMOVED.

EXTERIOR ELEVATION NOTES

1. ALL EXISTING CONDITIONS OF SLAB, REINFORCEMENT, GRADE BEAMS ARE UNKNOWN
2. REFER TO WINDOW SCHEDULE FOR WINDOW DIMENSIONS AND DETAILS.
3. REFER TO DOOR SCHEDULE FOR DOOR DIMENSIONS AND DETAILS.
4. REFER TO SPECIFICATIONS FOR TERMITE PROTECTION



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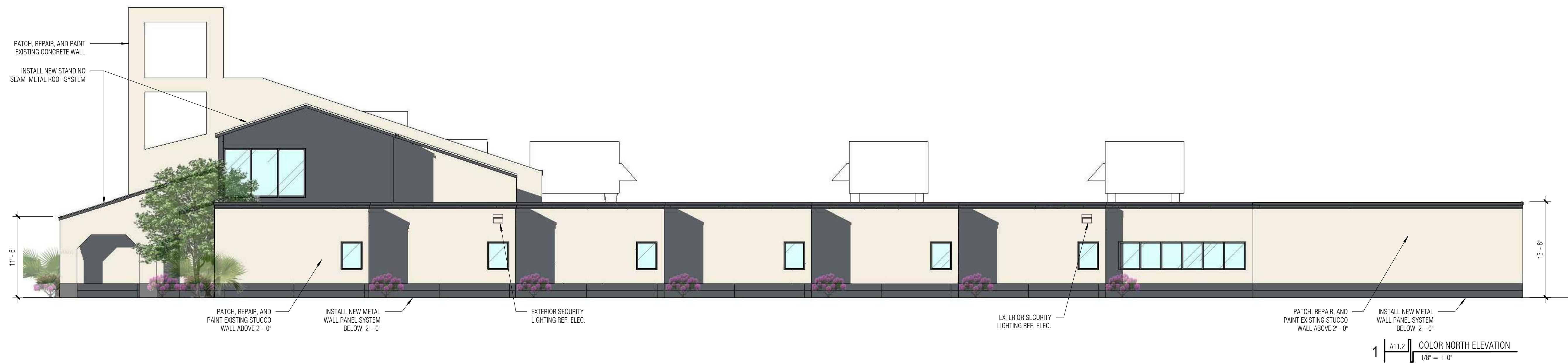
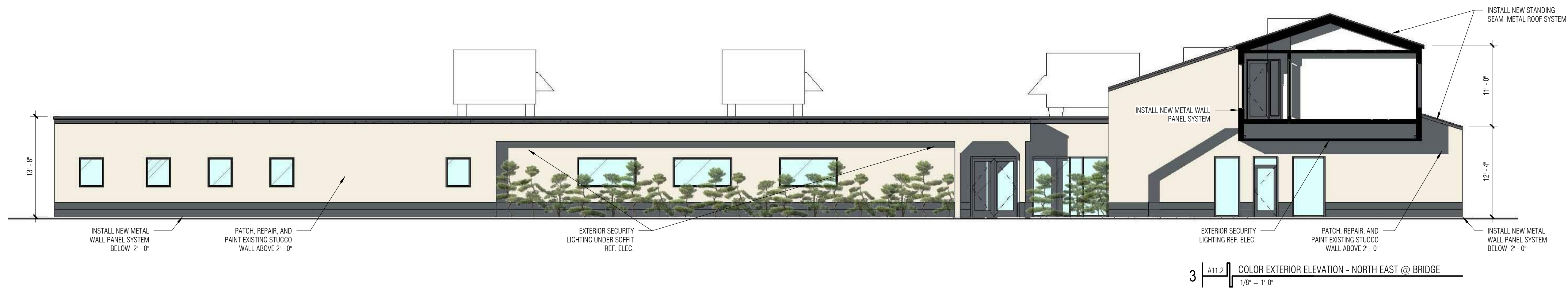
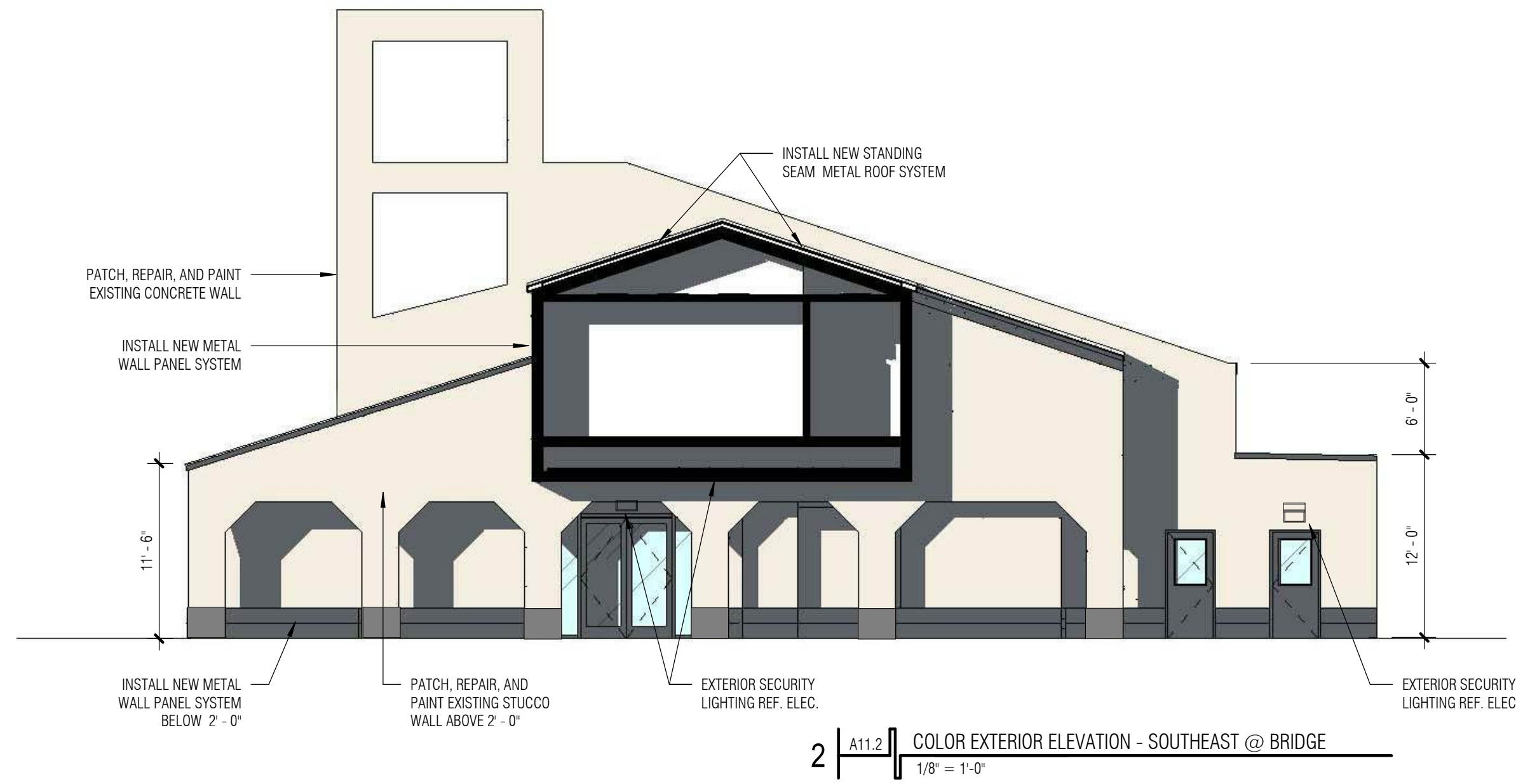
A11.1
COLOR EXTERIOR ELEVATIONS

RENOVATION LEGEND

- EXISTING WALLS, PARTITIONS, ROOF, COLUMNS, FIXTURES, EQUIPMENT, ECT. TO REMAIN. EXTERIOR STUCCO REMAIN. INSULATION + INTERIOR SHEETROCK TO BE INSTALLED
- NEW WALLS, PARTITIONS, COLUMNS, FIXTURES, EQUIPMENT, ECT. TO REMAIN.
- EXISTING WALLS, PARTITIONS, COLUMNS, FIXTURES, EQUIPMENT, ECT. TO BE REMOVED.

EXTERIOR ELEVATION NOTES

1. ALL EXISTING CONDITIONS OF SLAB, REINFORCEMENT, GRADE BEAMS ARE UNKNOWN
2. REFER TO WINDOW SCHEDULE FOR WINDOW DIMENSIONS AND DETAILS.
3. REFER TO DOOR SCHEDULE FOR DOOR DIMENSIONS AND DETAILS.
4. REFER TO SPECIFICATIONS FOR TERMITE PROTECTION



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A11.2
COLOR EXTERIOR ELEVATIONS



2 | A11.3 | DAC PANORAMIC RENDERING 3
12" = 1'-0"



1 | A11.3 | DAC PANORAMIC RENDERING 2
12" = 1'-0"

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A11.3

EXTERIOR RENDERINGS

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2 | A11.4 | DAC PANORAMIC RENDERING 5
12' = 1'-0"



3 | A11.4 | DAC PANORAMIC RENDERING 6
12' = 1'-0"

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A11.4
EXTERIOR RENDERINGS



1 | A11.6 | DAC PANORAMIC RENDERING 7
12" = 1'-0"



2 | A11.6 | DAC PANORAMIC RENDERING 4
12" = 1'-0"

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A11.6
EXTERIOR RENDERING



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A11.7
PANORAMIC
RENDERING

DESCRIPTION

The Prevail LED area, site luminaire combines optical performance, energy efficiency and long term reliability in an advanced, patent pending modern design. Utilizing the latest LED technology, the Prevail luminaire delivers unparalleled uniformity resulting in greater pole spacing. A versatile mount standard arm facilitates ease of installation for both retrofit and new installations. With energy savings greater than 85%, the Prevail fixture replaces 150-1,000W metal halide fixtures in general area lighting applications such as parking lots, walkways, roadways and building areas.

Catalog #		Type	
Project			
Comments		Date	
Prepared by			

SPECIFICATION FEATURES

Construction

Construction is comprised of a heavy-duty, single-piece die-cast aluminum housing. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. The die-cast aluminum door is tethered to provide easy access to the driver if replacement is required. A one-piece silicone gasket seals the door to the fixture housing. The optics is mounted on a versatile, aluminum plate that dissipates heat from the LEDs resulting in longer life of the fixture. The fixture is IP66 and vibration rated (ANSI C136.31) to insure strength of construction and longevity in the selected application.

Optics

Precision molded, high efficiency optics are precisely designed to shape the distribution, maximizing efficiency and application spacing. Available in Type II, III, IV and V distributions with lumen packages ranging from 6,100 to 18,900 nominal lumens. Light engine configurations consist of high-efficacy LEDs mounted to metal-core circuit boards

to maximize heat dissipation and promote long life. For the ultimate level of spill light control, an optional house side shield accessory can be field or factory installed.

Electrical

LED drivers are mounted to the fixture for optimal heat sinking and ease of maintenance. Class 1 electronic drivers have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Available in 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. 10kV/10 kA surge protection standard. 0-10V dimming driver is standard with leads external to the fixture. Suitable for ambient temperatures from -40°C to 40°C. Optional 50°C HA (high ambient) available. Standard NEMA 3-PIN twistlock photocontrol receptacle and NEMA 7-PIN twistlock photocontrol receptacles are available as options.

Controls

See Control Options section for more details on available offerings.

Mounting

Standard pole mount arm is bolted directly to the pole and the fixture slides onto the arm and locks in place with a bolt facilitating quick and easy installation. The versatile, patented, standard mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the standard mounting arm enables wiring of the fixture without having to access the driver compartment. A knock-out on the standard mounting arm enables round pole mounting. Wall mount and mast arm mounting options are available. Mast arm adapter fits 2-3/8" O.D. tenon.

Finish

Housing and cast parts finished in five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard color is bronze. Additional colors available in white, grey, black, dark platinum and graphite metallic.

Warranty

Five-year warranty.



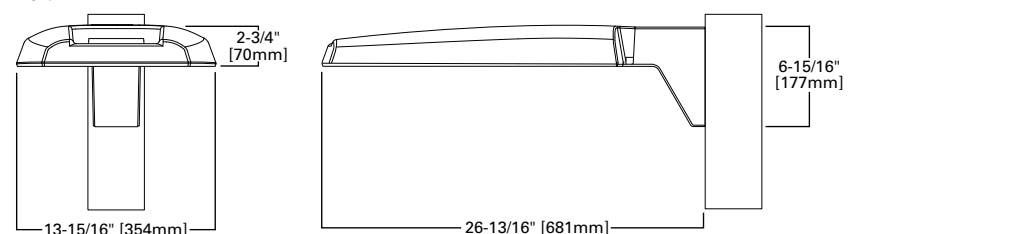
PRV / PRV-XL PREVAIL

LED

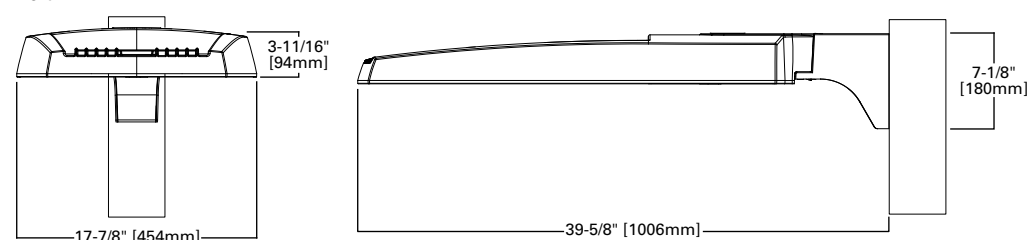
AREA / SITE / ROADWAY
LUMINAIRE

DIMENSIONS

Prevail



Prevail XL



CERTIFICATION DATA

UL and cUL Wet Location Listed
DesignLights Consortium® Qualified*
IP66-Rated
3G Vibration Rated (PRV)
1.5G Vibration Rated (PRV-XL)
ISO 9001
FCC Class A

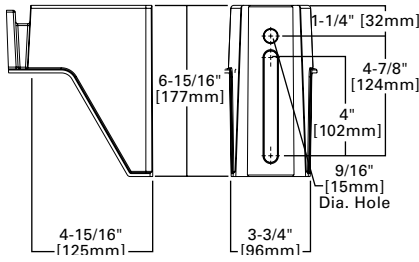
ENERGY DATA

Electronic LED Driver
0.9 Power Factor
<20% Total Harmonic Distortion
120-277V/50 and 60Hz,
347V/60Hz, 480V/60Hz
-40°C Minimum Temperature Rating
+40°C Ambient Temperature Rating

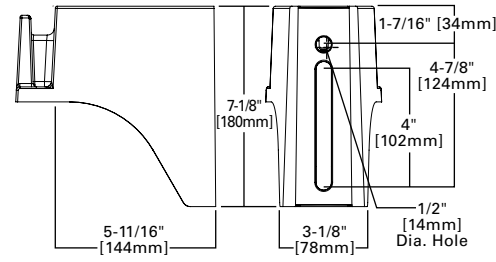
SHIPPING DATA

Approximate Net Weight:
PRV: 20 lbs. (9.09 kgs.)
PRV-XL: 45 lbs. (20.41 kgs.)

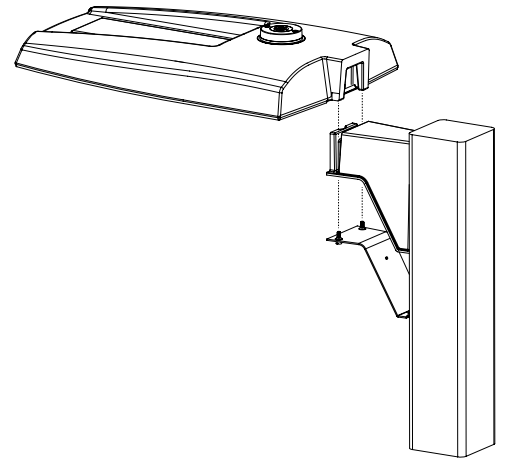
POLE MOUNT ARM (PRV)



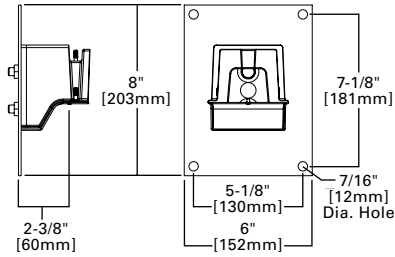
POLE MOUNT ARM (PRV-XL)



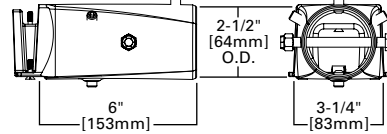
VERSATILE MOUNT SYSTEM



WALL MOUNT (PRV)

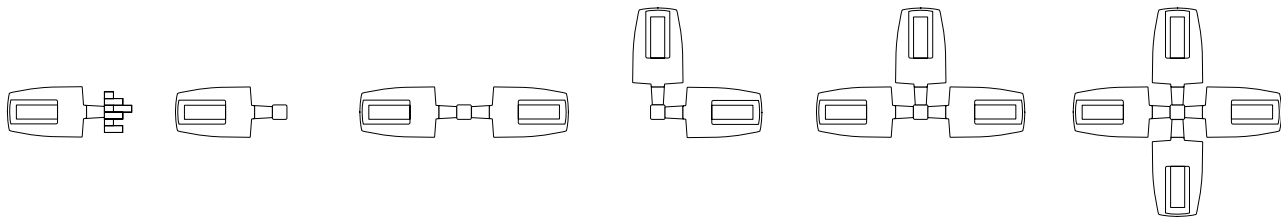


MAST ARM MOUNT (PRV)



MOUNTING CONFIGURATIONS AND EPAS

- | | | | | | |
|------------|--|---|--|--|--|
| Wall Mount | Arm Mount Single
EPA 0.75 (PRV)
EPA 1.12 (PRV-XL) | Arm Mount 2 @ 180°
EPA 1.50 (PRV)
EPA 2.25 (PRV-XL) | Arm Mount 2 @ 90°
EPA 1.50 (PRV)
EPA 2.13 (PRV-XL) | Arm Mount 3 @ 90°
EPA 2.25 (PRV)
EPA 2.52 (PRV-XL) | Arm Mount 4 @ 90°
EPA 3.00 (PRV)
EPA 2.52 (PRV-XL) |
|------------|--|---|--|--|--|



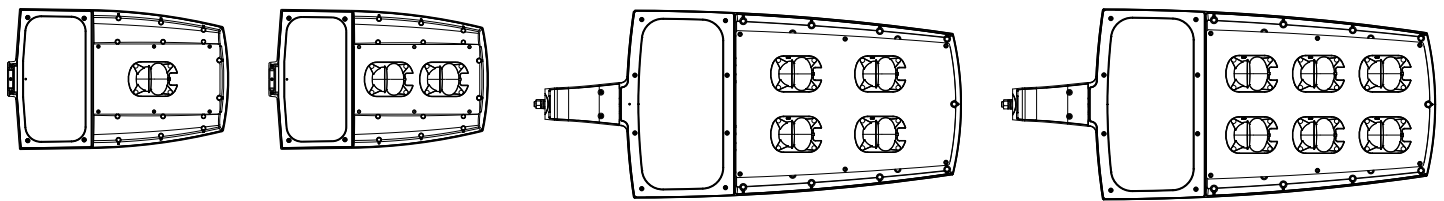
OPTICAL CONFIGURATIONS

PRV-C15
(7,100 Nominal Lumens)

PRV-C25/C40/C60
(13,100/17,100/20,000
Nominal Lumens)

PRV-XL-C75/C100/C125
(26,100/31,000/36,300 Nominal Lumens)

PRV-XL-C150/C175
(41,100/48,600 Nominal Lumens)



POWER AND LUMENS (PRV)

Light Engine	C15	C25	C40	C60	
Power (Watts)	52	96	131	153	
Input Current @ 120V (A)	0.43	0.80	1.09	1.32	
Input Current @ 277V (A)	0.19	0.35	0.48	0.57	
Input Current @ 347V (A)	0.17	0.30	0.41	0.48	
Input Current @ 487V (A)	0.12	0.22	0.30	0.35	
Distribution					
Type II	4000K Lumens	7,123	13,205	17,172	20,083
	BUG Rating	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3
	3000K Lumens	6,994	12,965	16,860	19,718
Type III	4000K Lumens	7,111	13,183	17,144	20,050
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4
	3000K Lumens	6,982	12,944	16,832	19,686
Type IV	4000K Lumens	7,088	13,140	17,087	19,984
	BUG Rating	B1-U0-G3	B2-U0-G4	B2-U0-G4	B3-U0-G5
	3000K Lumens	6,959	12,901	16,777	19,621
Type V	4000K Lumens	7,576	14,045	18,264	21,360
	BUG Rating	B3-U0-G3	B4-U0-G3	B4-U0-G4	B5-U0-G4
	3000K Lumens	7,438	13,790	17,932	20,972

LUMEN MAINTENANCE

Configuration	TM-21 Lumen Maintenance (50,000 Hours)	Theoretical L70 (Hours)
Up to PRV-C60 at 25°C	91.30%	194,000
Up to PRV-C60 at 40°C	87.59%	134,000
Up to PRV-XL-C175 at 25°C	91.40%	204,000
Up to PRV-XL-C175 at 40°C	89.41%	158,000

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.99

POWER AND LUMENS (PRV-XL)

Light Engine	C75	C100	C125	C150	C175	
Power (Watts)	176	217	264	285	346	
Input Current @ 120V (A)	1.50	1.84	2.21	2.38	2.92	
Input Current @ 277V (A)	0.66	0.82	0.97	1.04	1.25	
Input Current @ 347V (A)	0.54	0.66	0.79	0.84	1.02	
Input Current @ 487V (A)	0.40	0.48	0.57	0.62	0.74	
Distribution						
Type II	4000K Lumens	26,263	31,231	36,503	41,349	48,876
	BUG Rating	B3-U0-G3	B3-U0-G4	B4-U0-G4	B4-U0-G4	B4-U0-G5
	3000K Lumens	25,786	30,664	35,840	40,598	47,989
Type III	4000K Lumens	26,120	31,061	36,304	41,124	48,610
	BUG Rating	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
	3000K Lumens	25,646	30,497	35,645	40,377	47,727
Type IV	4000K Lumens	26,098	31,035	36,274	41,089	48,569
	BUG Rating	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5
	3000K Lumens	25,624	30,471	35,615	40,343	47,687
Type V	4000K Lumens	28,129	33,450	39,097	44,287	52,349
	BUG Rating	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	3000K Lumens	27,618	32,843	38,387	43,483	51,398

CONTROL OPTIONS

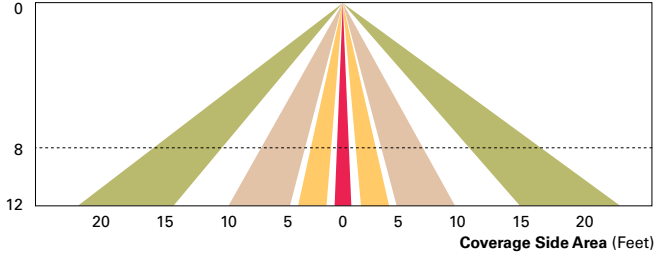
0-10V (D) The dimming option provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

Photocontrol (PER and PER7) Photocontrol receptacles provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PER7 receptacle.

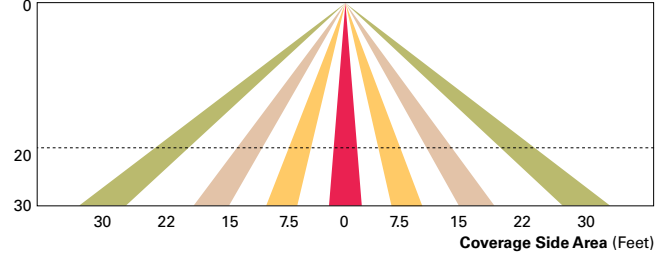
Dimming Occupancy Sensor (MSP and MS) These sensors are factory installed in the luminaire housing. When a sensor for dimming operation (/DIM) option is selected, the luminaire will dim down to approximately 50 percent power after five minutes of no activity detected. When activity is detected, the luminaire returns to full light output. When a sensor for ON/OFF operation is selected, the luminaire will turn off after five minutes of no activity.

These occupancy sensors include an integral photocell that can be activated or inactivated with the programming remote / configuration tool for "dusk-to-dawn" control or "daylight harvesting". Note: For MSP sensors, the factory preset is ON (Enabled), and for MS sensors, the factory preset is OFF (Disabled). The programming remote / tool is a wireless tool that can be utilized to change the dimming level, time delay, sensitivity and other parameters. A variety of sensor lenses are available to optimize the coverage pattern for mounting heights from 8'-40'.

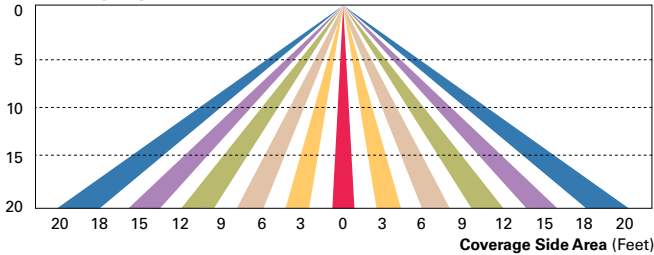
For mounting heights from 8' to 12' (-L12)



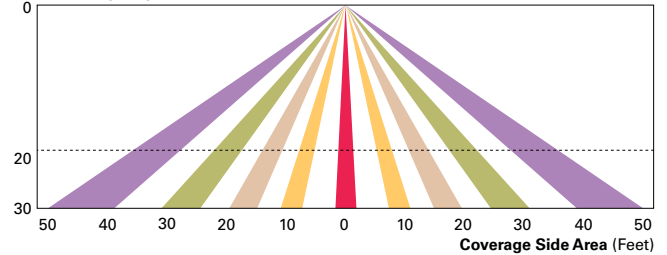
For mounting heights from 12' to 30' (-L30)



For mounting heights from 9' to 20' (-L20)



For mounting heights from 21' to 40' (-L40W)

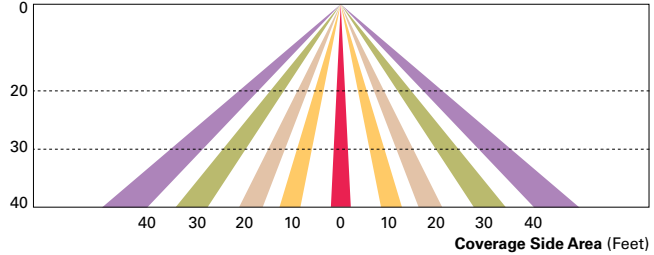


WaveLinx Wireless Control and Monitoring System Available in 7-PIN or 4-PIN configurations, the WaveLinx Outdoor control platform operates on a wireless mesh network based on IEEE 802.15.4 standards enabling wireless control of outdoor lighting. Use the WaveLinx Mobile application for set-up and configuration. At least one Wireless Area Controller (WAC) is required for full functionality and remote communication (including adjustment of any factory pre-sets).

WaveLinx Outdoor Control Module (WOLC-7P-10A) A photocontrol that enables astronomical or time-based schedules to provide ON, OFF and dimming control of fixtures utilizing a 7-PIN receptacle. The out-of-box functionality is ON at dusk and OFF at dawn.

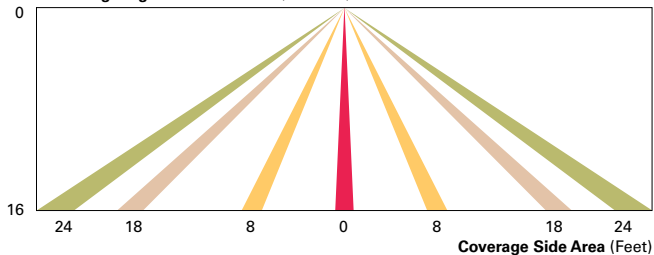
WaveLinx Wireless Sensor (SWPD4 and SWPD5) These outdoor sensors offer passive infrared (PIR) occupancy and a photocell for closed loop daylight sensing. These sensors can be factory installed or field-installed via simple, tool-less integration into luminaires equipped with the Zhaga Book 18 compliant 4-PIN receptacle (ZW). These sensors are factory preset to dim down to approximately 50 percent power after 15 minutes of no activity detected. These occupancy sensors include an integral photocell for "dusk-to-dawn" control or daylight harvesting that is factory-enabled. A variety of sensor lenses are available to optimize the coverage pattern for mounting heights from 7'-40'.

For mounting heights from 16' to 40' (SWPD)

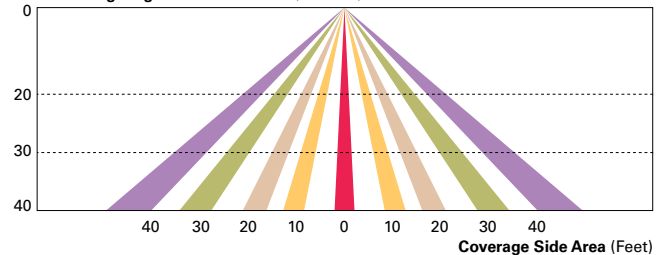


LumaWatt Pro Wireless Control and Monitoring System (LWR-LW and LWR-LN) The Eaton's LumaWatt Pro powered by Enlighted is a connected lighting solution that combines LED luminaires with an integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes and collects valuable data about building performance and use. Software applications turn the granular data into information through energy dashboards and specialized apps that make it simple and help optimize the use of other resources beyond lighting.

For mounting heights from 8' to 16' (LWR-LW)



For mounting heights from 16' to 40' (LWR-LN)



LumenSafe Integrated Network Security Camera (LD) The LumenSafe integrated network camera is a streamlined, outdoor-ready camera that provides high definition video surveillance. This IP camera solution is optimally designed to integrate into virtually any video management system or security software platform of choice. No additional wiring is needed beyond providing line power to the luminaire. LumenSafe features factory-installed power and networking gear in a variety of networking options allowing security integrators to design the optimal solution for active surveillance.


ORDERING INFORMATION

Sample Number: PRV-XL-C75-D-UNV-T4-SA-BZ

Product Family ^{1,2}	Light Engine ³	Driver	Voltage	Distribution	Mounting	Color
PRV=Prevail	C15=(1 LED) 7,100 Nominal Lumens C25=(2 LEDs) 13,100 Nominal Lumens C40=(2 LEDs) 17,100 Nominal Lumens C60=(2 LEDs) 20,000 Nominal Lumens	D=Dimming (0-10V)	UNV=Universal (120-277V) 347=347V 480=480V ⁴	T2=Type II T3=Type III T4=Type IV T5=Type V	SA=Standard Versatile Arm MA=Mast Arm ⁵ WM=Wall Mount Arm ⁵	AP=Grey BZ=Bronze (Standard) BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White
PRV-XL=Prevail XL	C75=(4 LED) 26,100 Nominal Lumens C100=(4 LED) 31,000 Nominal Lumens C125=(4 LED) 36,000 Nominal Lumens C150=(6 LED) 41,100 Nominal Lumens C175=(6 LED) 48,600 Nominal Lumens					
Options (Add as Suffix)			Accessories (Order Separately) ¹⁶			
7030=70 CRI / 3000K CCT ⁶ 7050=70 CRI / 5000K CCT ⁶ HSS=House Side Shield ⁷ L90=Optics Rotated 90° Left R90=Optics Rotated 90° Right 10K=10kV/10kA UL 1449 Fused Surge Protective Device HA=50°C High Ambient Temperature ⁸ PER=NEMA 3-PIN Twistlock Photocontrol Receptacle PER7=NEMA 7-PIN Twistlock Photocontrol Receptacle MSP/DIM-L12= Integrated Sensor for Dimming Operation, 8' - 12' Mounting Height ^{5,9} MSP/DIM-L30= Integrated Sensor for Dimming Operation, 12' - 30' Mounting Height ^{5,9} MSP-L12= Integrated Sensor ON/OFF Operation, 8' - 12' Mounting Height ^{5,9} MSP-L30=Integrated Sensor ON/OFF Dimming Operation, 12' - 30' Mounting Height ^{5,9} MS-DIM-L20=Motion Sensor for Dimming Operation, 9' - 20' Mounting Height ^{9,10} MS/DIM-L40W=Motion Sensor for Dimming Operation, 21' - 40' Mounting Height ^{9,10} MS-L20=Motion Sensor for ON/OFF Operation, 9' - 20' Mounting Height ^{9,10} MS-L40W=Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height ^{9,10} ZW=Wavelinx-enabled 4-PIN Twistlock Receptacle ^{9,11,12} ZW-SWPD4WH=Wavelinx Wireless Sensor, 7' - 15' Mounting Height, White ^{9,11,12} ZW-SWPD4BZ= Wavelinx Wireless Sensor, 7' - 15' Mounting Height, Bronze ^{9,11,12} ZW-SWPD5WH=Wavelinx Wireless Sensor, 15' - 40' Mounting Height, White ^{9,11,12} ZW-SWPD5BZ=Wavelinx Wireless Sensor, 15' - 40' Mounting Height, Bronze ^{9,11,12} LWR-LW=LumaWatt Pro Wireless Sensor, Wide Lens for 8' - 16' Mounting Height ^{9,13} LWR-LN=LumaWatt Pro Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height ^{9,13} (See Table Below)= LumenSafe Integrated Network Security Camera ^{14,15}			PRVWM-XX=Wall Mount Kit ⁵ PRVMA-XX=Mast Arm Mounting Kit ⁵ PRVSA-XX=Standard Arm Mounting Kit ⁵ PRVXLSA-XX=Standard Arm Mounting Kit (for Prevail XL) ¹⁴ MA1010-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon MA1011-XX=2@180° Tenon Adapter for 3-1/2" O.D. Tenon MA1017-XX=Single Tenon Adapter for 2-3/8" O.D. Tenon MA1018-XX=2@180° Tenon Adapter for 2-3/8" O.D. Tenon HS/VERD=House Side Shield ⁷ VGS-F/B=Vertical Glare Shield, Front/Back ⁷ VGS-SIDE=Vertical Glare Shield, Side ⁷ OA/RA1013=Photocontrol Shorting Cap OA/RA1014=NEMA Photocontrol - 120V OA/RA1016=NEMA Photocontrol - Multi-Tap 105-285V OA/RA1201=NEMA Photocontrol - 347V OA/RA1027=NEMA Photocontrol - 480V ISHH-01=Integrated Sensor Programming Remote ¹⁷ FSIR-100=Wireless Configuration Tool for Occupancy Sensor ¹⁸ SWPD4-WH=WaveLinx Wireless Sensor, 7' - 15' Mounting Height, White ^{12,19} SWPD4-BZ=WaveLinx Wireless Sensor, 7' - 15' Mounting Height, Bronze ^{12,19} SWPD5-WH=WaveLinx Wireless Sensor, 15' - 40' Mounting Height, White ^{12,19} SWPD5-BZ=WaveLinx Wireless Sensor, 15' - 40' Mounting Height, Bronze ^{12,19} WOLC-7P-10A=WaveLinx Outdoor Control Module (7-PIN) ²⁰			

- NOTES:**
- DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
 - Customer is responsible for engineering analysis to confirm pole and fixture compatibility for applications. Refer to installation instructions and pole white paper WP513001EN for additional support information.
 - Standard 4000K CCT and 70CRI.
 - Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
 - Only available in PRV configurations C15, C25, C40 or C60.
 - Use dedicated IES files on product website for non-standard CCTs.
 - Option will come factory-installed. Must order one per optic/LED when ordering as a field-installable accessory (1, 2, 4, or 6). House Side Shield not suitable with T5 distribution or C60 lumen package.
 - Not available with C60 lumen package.
 - Controls system is not available with photocontrol receptacle (PER or PER7) or other controls systems (MS, MSP, ZW or LWR).
 - Utilizes the Wattstopper sensor FSP-211.
 - Sensor passive infrared (PIR) may be overly sensitive when operating below -20°C (-4°F).
 - In order for the device to be field-configurable, requires WAC Gateway components WAC-PoE and WPOE-120 in appropriate quantities. Only compatible with WaveLinx system and software and requires system components to be installed for operation. See website for more Wavelinx application information.
 - LumaWatt Pro wireless sensors are factory installed and require network components LWP-EM-1, LWP-GW-1, and LWP-PoE8 in appropriate quantities. See website for LumaWatt Pro application information.
 - Only available in PRV-XL configurations C75, C100, C125, C150, or C175.
 - Not available with 347V, 480V, or HA options. Consult LumenSafe system product pages for additional details and compatibility information.
 - Replace XX with paint color.
 - This tool enables adjustment to Integrated Sensor (MSP) parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Eaton for more information.
 - This tool enables adjustment to Motion Sensor (MS) parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Eaton for more information.
 - Requires Wavelinx-enabled 4-PIN twistlock receptacle (ZW) option.
 - Requires 7-PIN NEMA twistlock photocontrol receptacle (PER7) option. The WOLC-7 cannot be used in conjunction with other controls systems (MS, MSP, ZW or LWR).

LumenSafe Integrated Network Security Camera Technology Options (Add as Suffix)

Product Family	Camera Type	Data Backhaul
L=LumenSafe Technology 	D=Dome Camera	C=Cellular, Customer Installed SIM Card A=Cellular, Factory Installed AT&T SIM Card V=Cellular, Factory Installed Verizon SIM Card S=Cellular, Factory Installed Sprint SIM Card E=Ethernet Networking

STOCK ORDERING INFORMATION

Product Family ¹	Light Engine	Voltage	Distribution	Options (Add as Suffix)
PRVS=Prevail	C15=(1 LED) 7,100 Nominal Lumens C25=(2 LEDs) 13,100 Nominal Lumens C40=(2 LEDs) 17,100 Nominal Lumens C60=(2 LEDs) 20,000 Nominal Lumens	UNV=Universal (120-277V) 347=347V ²	T3=Type III T4=Type IV	MSP/DIM-L30=Integrated Sensor for Dimming Operation, Maximum 30' Mounting Height ²
PRVS-XL=Prevail	C75=(4 LEDs) 26,100 Nominal Lumens C100=(4 LEDs) 31,000 Nominal Lumens C125=(4 LEDs) 36,000 Nominal Lumens C150=(6 LEDs) 41,100 Nominal Lumens C175=(6 LEDs) 48,600 Nominal Lumens			

NOTES: 1. All stock configurations are standard 4000K/70CRI, bronze finish, and include the standard versatile mounting arm. 2. Only available in PRVS configurations C15, C25, C40 or C60.

DESCRIPTION

The patented Lumark Crosstour™ MAXX LED wall pack series of luminaires provides low-profile architectural style with super bright, energy-efficient LEDs. The rugged die-cast aluminum construction, back box with secure lock hinges, stainless steel hardware along with a sealed and gasketed optical compartment make Crosstour impervious to contaminants. The Crosstour MAXX wall luminaire is ideal for wall/surface, inverted mount for facade/canopy illumination, perimeter and site lighting. Typical applications include pedestrian walkways, building entrances, multi-use facilities, industrial facilities, perimeter parking areas, storage facilities, institutions, schools and loading docks.

SPECIFICATION FEATURES

Construction

Low-profile LED design with rugged one-piece, die-cast aluminum back box and hinged removable door. Matching housing styles incorporate both a full cutoff and refractive lens design. Full cutoff and refractive lens models are available in 58W, 81W and 102W. Patent pending secure lock hinge feature allows for safe and easy tool-less electrical connections with the supplied push-in connectors. Back box includes four 1/2" NPT threaded conduit entry points. The back box is secured by four lag bolts (supplied by others). External fin design extracts heat from the fixture surface. One-piece silicone gasket seals door and back box. Not recommended for car wash applications.

Optical

Silicone sealed optical LED chamber incorporates a custom engineered reflector providing high-efficiency illumination. Full cutoff models integrate an impact-resistant molded refractive prism optical lens assembly meeting requirements for Dark Sky compliance. Refractive lens models incorporate a molded lens

assembly designed for maximum forward throw. Solid state LED Crosstour MAXX luminaires are thermally optimized with eight lumen packages in cool 5000K, neutral 4000K, or warm 3000K LED color temperature (CCT).

Electrical

LED driver is mounted to the die-cast aluminum housing for optimal heat sinking. LED thermal management system incorporates both conduction and natural convection to transfer heat rapidly away from the LED source. 58W, 81W and 102W models operate in -40°C to 40°C [-40°F to 104°F]. High ambient 50°C [122°F] models available in 58W and 81W models only. Crosstour MAXX luminaires maintain greater than 89% of initial light output after 72,000 hours of operation. Four half-inch NPT threaded conduit entry points allow for thru-branch wiring. Back box is an authorized electrical wiring compartment. Integral LED electronic driver incorporates surge protection. 120-277V 50/60Hz, 480V 60Hz, or 347V 60Hz electrical operation. 480V is compatible for use with 480V Wye systems only.

Emergency Egress

Optional integral cold weather battery emergency egress includes emergency operation test switch (available in 58W and 81W models only), an AC-ON indicator light and a premium extended rated sealed maintenance-free nickel-metal hydride battery pack. The separate emergency lighting LEDs are wired to provide redundant emergency lighting. Listed to UL Standard 924, Emergency Lighting.

Area and Site Pole Mounting

Optional extruded aluminum 6-1/2" arm features internal bolt guides for supplied twin support rods, allowing for easy positioning of the fixture during installation to pole. Supplied with round plate adapter plate. Optional tenon adapter fits 2-3/8" or 3-1/2" O.D. Tenon.

Finish

Crosstour MAXX is protected with a super TGIC carbon bronze or summit white polyester powder coat paint. Super TGIC powder coat paint finishes withstand extreme climate conditions while providing optimal color and gloss retention of the installed life.

Warranty

Five-year warranty.



XTOR CROSSTOUR MAXX LED

APPLICATIONS:
WALL / SURFACE
INVERTED
SITE LIGHTING



CERTIFICATION DATA

UL/cUL Wet Location Listed
Dark Sky Approved (Fixed mount, Full cutoff, and 3000K CCT only)
DesignLights Consortium® Qualified*
LM79 / LM80 Compliant
ROHS Compliant
NOM Compliant Models
3G Vibration Tested
UL924 Listed (CBP Models)
IP66 Rated

TECHNICAL DATA

40°C Ambient Temperature
External Supply Wiring 90°C Minimum

EPA

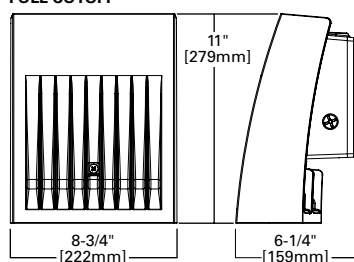
Effective Projected Area (Sq. Ft.):
XTOR6B, XTOR8B, XTOR12B=0.54
With Pole Mount Arm=0.98

SHIPPING DATA:

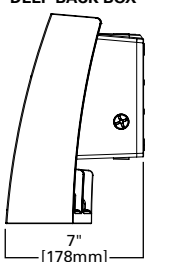
Approximate Net Weight:
12-15 lbs. [5.4-6.8 kgs.]

DIMENSIONS

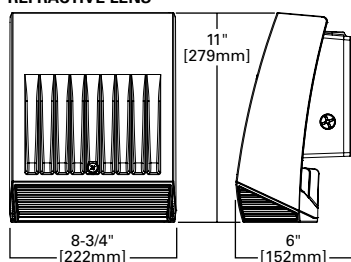
FULL CUTOFF



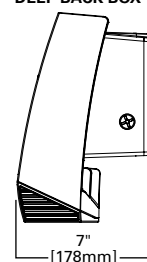
DEEP BACK BOX



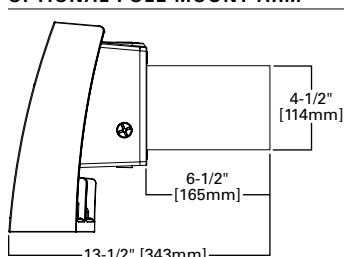
REFRACTIVE LENS



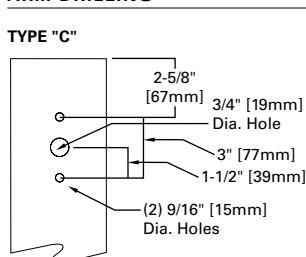
DEEP BACK BOX



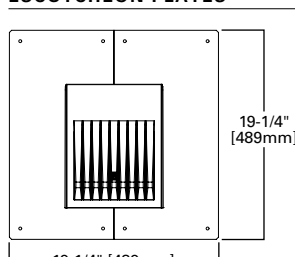
OPTIONAL POLE MOUNT ARM



ARM DRILLING



ESCUTCHEON PLATES

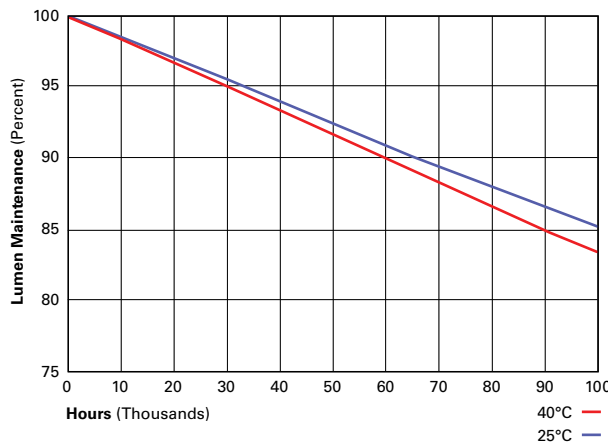


POWER AND LUMENS BY FIXTURE MODEL

58W Series						
LED Information	XTOR6B	XTOR6BRL	XTOR6B-W	XTOR6BRL-W	XTOR6B-Y	XTOR6BRL-Y
Delivered Lumens	6,129	6,225	6,038	6,133	5,611	5,826
B.U.G. Rating	B1-U0-G1	B2-U4-G3	B1-U0-G1	B2-U4-G3	B1-U0-G1	B2-U4-G3
CCT (Kelvin)	5000K	5000K	4000K	4000K	3000K	3000K
CRI (Color Rendering Index)	70	70	70	70	70	70
Power Consumption (Watts)	58W	58W	58W	58W	58W	58W
81W Series						
LED Information	XTOR8B	XTOR8BRL	XTOR8B-W	XTOR8BRL-W	XTOR8B-Y	XTOR8BRL-Y
Delivered Lumens	8,502	8,635	8,373	8,504	7,748	8,079
B.U.G. Rating	B2-U0-G1	B2-U4-G3	B2-U0-G1	B2-U4-G3	B2-U0-G1	B2-U4-G3
CCT (Kelvin)	5000K	5000K	4000K	4000K	3000K	3000K
CRI (Color Rendering Index)	70	70	70	70	70	70
Power Consumption (Watts)	81W	81W	81W	81W	81W	81W
102W Series						
LED Information	XTOR12B	XTOR12BRL	XTOR12B-W	XTOR12BRL-W	XTOR12B-Y	XTOR12BRL-Y
Delivered Lumens	12,728	13,458	12,539	13,258	11,861	12,595
B.U.G. Rating	B2-U0-G1	B2-U4-G3	B2-U0-G1	B2-U4-G3	B2-U0-G1	B2-U4-G3
CCT (Kelvin)	5000K	5000K	4000K	4000K	3000K	3000K
CRI (Color Rendering Index)	70	70	70	70	70	70
Power Consumption (Watts)	102W	102W	102W	102W	102W	102W
EGRESS Information	XTOR6B, XTOR8B and XTOR12B Full Cutoff CBP Egress LED			XTOR6B, XTOR8B and XTOR12B Refractive Lens CBP Egress LED		
Delivered Lumens	509			468		
B.U.G. Rating	N.A.			N.A.		
CCT (Kelvin)	4000K			4000K		
CRI (Color Rendering Index)	65			65		
Power Consumption (Watts)	1.8W			1.8W		

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (72,000 Hours)	Theoretical L70 (Hours)
XTOR6B Model		
25°C	> 90%	246,000
40°C	> 88%	217,000
50°C	> 88%	201,000
XTOR8B Model		
25°C	> 89%	219,000
40°C	> 87%	195,000
50°C	> 86%	181,000
XTOR12B Model		
25°C	> 89%	222,000
40°C	> 87%	198,000



CURRENT DRAW

Voltage	Model Series				
	XTOR6B	XTOR8B	XTOR12B	XTOR6B-CBP (Fixture/Battery)	XTOR8B-CBP (Fixture/Battery)
120V	0.51	0.71	0.94	0.60/0.25	0.92/0.25
208V	0.25	0.39	0.52	--	--
240V	0.25	0.35	0.45	--	--
277V	0.22	0.31	0.39	0.36/0.21	0.50/0.21
347V	0.19	0.25	0.33		--
480V	0.14	0.19	0.24		--

ORDERING INFORMATION

Sample Number: XTOR6B-W-WT-PC1

Series ¹	LED Kelvin Color	Housing Color	Options (Add as Suffix)
Full Cutoff XTOR6B=58W XTOR8B=81W XTOR12B=102W Refractive Lens XTOR6BRL=58W XTOR8BRL=81W XTOR12BRL=102W	[Blank] =Bright White (Standard) 5000K W =Neutral, 4000K Y =Warm, 3000K	[Blank] =Carbon Bronze (Standard) WT =Summit White BK =Black BZ =Bronze AP =Grey GM =Graphite Metallic DP =Dark Platinum	347V =347V ^{2,3,4,5} 480V =480V ^{2,3,4,5,6} PC1 =Photocontrol 120V ⁷ PC2 =Photocontrol 208-277V ^{7,8} PMA =Pole Mount Arm (C Drilling) with Round Adapter ^{3,9} MS-L20 =Motion Sensor for ON/OFF Operation ^{2,3,10,11} MS/DIM-L20 =Motion Sensor for Dimming Operation ^{2,3,10,11,12,13,14} CBP =Cold Weather Battery Pack ^{2,3,15,16,17} HA =50°C High Ambient ¹⁷
Accessories (Order Separately)			
WG-XTORMX =Crosstour MAXX Wire Guard PB120V =Field Installed 120V Photocontrol PB277V BUTTON PC =Field Installed 208-277V Photocontrol ⁸ VA1040-XX =Single Tenon Adapter for 3-1/2" O.D. Tenon ¹⁸ VA1041-XX =2@180° Tenon Adapter for 3-1/2" O.D. Tenon ¹⁸ VA1042-XX =3@120° Tenon Adapter for 3-1/2" O.D. Tenon ¹⁸ VA1043-XX =4@90° Tenon Adapter for 3-1/2" O.D. Tenon ¹⁸ VA1044-XX =2@90° Tenon Adapter for 3-1/2" O.D. Tenon ¹⁸ VA1045-XX =3@90° Tenon Adapter for 3-1/2" O.D. Tenon ¹⁸ VA1046-XX =2@120° Tenon Adapter for 3-1/2" O.D. Tenon ¹⁸		VA1033-XX =Single Tenon Adapter for 2-3/8" O.D. Tenon ¹⁸ VA1034-XX =2@180° Tenon Adapter for 2-3/8" O.D. Tenon ¹⁸ VA1035-XX =3@120° Tenon Adapter for 2-3/8" O.D. Tenon ¹⁸ VA1036-XX =4@90° Tenon Adapter for 2-3/8" O.D. Tenon ¹⁸ VA1037-XX =2@90° Tenon Adapter for 2-3/8" O.D. Tenon ¹⁸ VA1038-XX =3@90° Tenon Adapter for 2-3/8" O.D. Tenon ¹⁸ VA1039-XX =2@120° Tenon Adapter for 2-3/8" O.D. Tenon ¹⁸ EWP/XTORMX =Escutcheon Wall Plate, Carbon Bronze EWP/XTORMX-WT =Escutcheon Wall Plate, Summit White FSIR-100 =Wireless Configuration Tool for Occupancy Sensor ¹⁴	

- NOTES:**
- DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details.
 - Not available with HA option.
 - Deep back box is standard for 347V, 480V, CBP, PMA, MS-L20 and MS/DIM-L20.
 - Not available with CBP option.
 - Thru-branch wiring not available with HA option or with 347V.
 - Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
 - Not available with MS-L20 and MS/DIM-L20 options.
 - Use PC2 with 347V or 480V option for photocontrol. Factory wired to 208-277V lead.
 - Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information.
 - For use in downlight orientation only. Optimal coverage at mounting heights of 9'-20'.
 - 120V thru 277V only.
 - Factory set to 50% power reduction after 15-minutes of inactivity. Dimming driver included.
 - Includes integral photo sensor.
 - The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff, and more. Consult your lighting representative at Cooper Lighting Solutions for more information.
 - 120V or 277V operation only.
 - Operating temperatures -20°C to 25°C.
 - Not available in XTOR12B or XTOR12BRL models.
 - Replace XX with housing color.

STOCK ORDERING INFORMATION

58W Series	81W Series	102W Series
Full Cutoff		
XTOR6B=58W, 5000K, Carbon Bronze	XTOR8B=81W, 5000K, Carbon Bronze	XTOR12B=102W, 5000K, Carbon Bronze
XTOR6B-PC1=58W, 5000K, 120V PC, Carbon Bronze	XTOR8B-PC1=81W, 5000K, 120V PC, Carbon Bronze	
XTOR6B-WT= 58W, 5000K, Summit White	XTOR8B-WT=81W, 5000K, Summit White	
XTOR6B-W=58W, 4000K, Carbon Bronze	XTOR8B-PC2=81W, 5000K, 208-277V PC, Carbon Bronze	
XTOR6B-PMA= 58W, 5000K, Pole Mount Arm, Carbon Bronze	XTOR8B-PMA=81W, 5000K, Pole Mount Arm, Carbon Bronze	
XTOR6B-PC2= 58W, 5000K, 208-277V PC, Carbon Bronze	XTOR8B-347V=81W, 5000K, Carbon Bronze, 347V	
Refractive Lens		
XTOR6BRL=58W, 5000K, Refractive Lens, Carbon Bronze	XTOR8BRL=81W, 5000K, Refractive Lens, Carbon Bronze	XTOR12BRL=102W, 5000K, Refractive Lens, Carbon Bronze
XTOR6BRL-PC1=58W, 5000K, Refractive Lens, 120V PC, Carbon Bronze	XTOR8BRL-PC1=81W, 5000K, Refractive Lens, 120V PC, Carbon Bronze	XTOR12BRL-W=102W, 4000K, Refractive Lens, Carbon Bronze
XTOR6BRL-WT=58W, 5000K, Refractive Lens, Summit White	XTOR8BRL-WT=81W, 5000K, Refractive Lens, Summit White	XTOR12BRL-347V=102W, 5000K, Refractive Lens, Carbon Bronze, 347V
XTOR6BRL-W=58W, 4000K, Refractive Lens, Carbon Bronze	XTOR8BRL-PC2=81W, 5000K, Refractive Lens, 208-277V PC, Carbon Bronze	
XTOR6BRL-PMA=58W, 5000K, Refractive Lens, Pole Mount Arm, Carbon Bronze	XTOR8BRL-PMA=81W, 5000K, Refractive Lens, Pole Mount Arm, Carbon Bronze	
XTOR6BRL-PC2=58W, 5000K, Refractive Lens, 208-277V PC, Carbon Bronze	XTOR8BRL-W=81W, 4000K, Refractive Lens, Carbon Bronze	
XTOR6BRL-347V=58W, 5000K, Refractive Lens, Carbon Bronze, 347V	XTOR8BRL-347V = 81W, 5000K, Refractive Lens, Carbon Bronze, 347V	



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 www.cooperlighting.com

Specifications and dimensions subject to change without notice.