

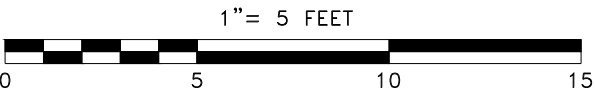
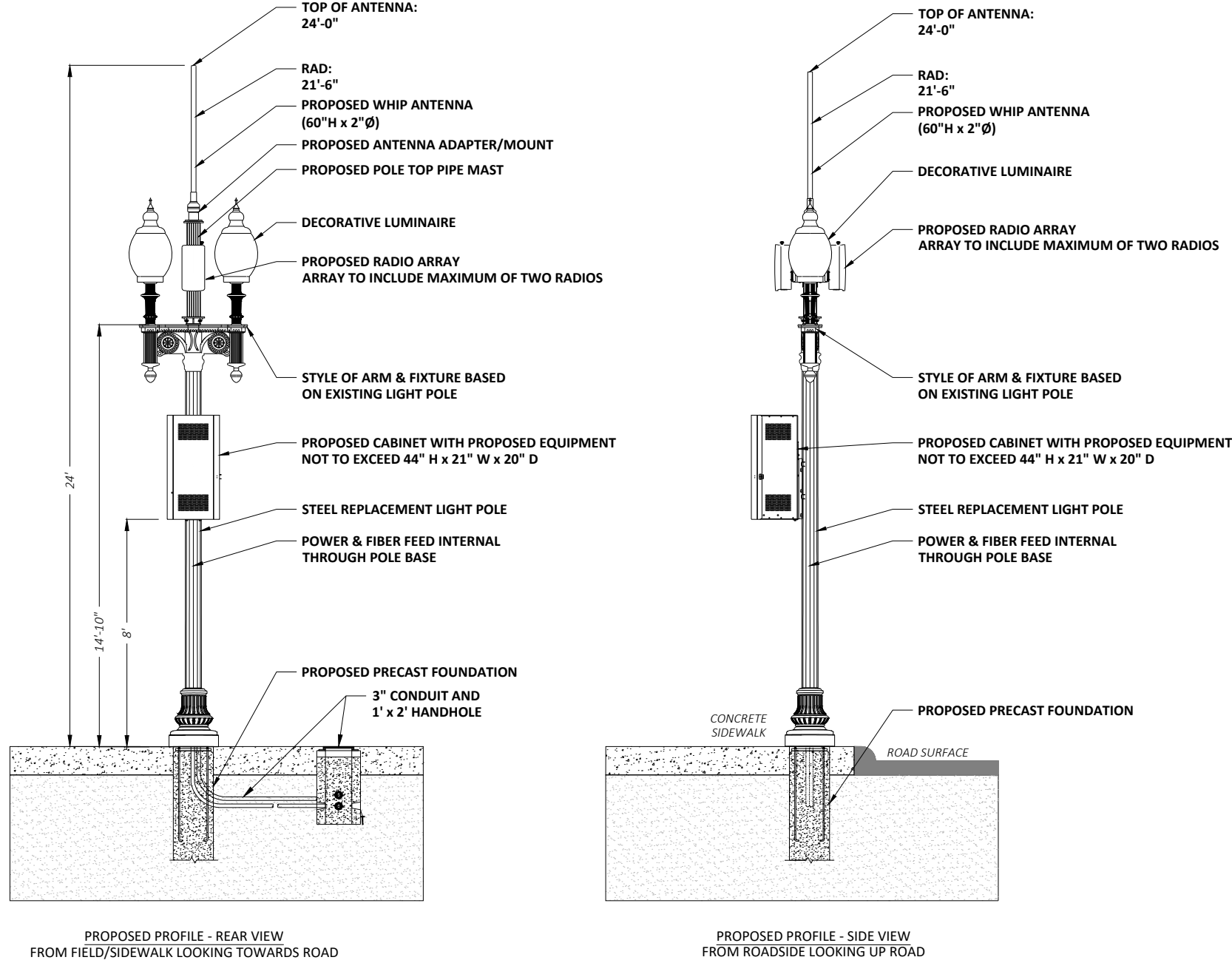
EXHIBIT X-20A

SCHEDULE OF APPROVED WIRELESS FACILITIES

Facility Number	X-20A - Decorative Light Pole (Double Acorn Style), 5G Small Cell Concealment & Antenna Array
Attachment Types <i>(check all that apply and provide detail below)</i>	<input checked="" type="checkbox"/> Replacement City Pole (streetlight) <input checked="" type="checkbox"/> Replacement City Property Pole (streetlight) <input type="checkbox"/> Attach to existing City Pole (streetlight) <input type="checkbox"/> Attach to existing City Property Pole (streetlight) <input type="checkbox"/> Attach to existing City Pole (traffic signal) <input type="checkbox"/> Attach to existing City Property Pole (traffic signal) <input type="checkbox"/> Attach to existing City Pole (street furniture) <input type="checkbox"/> Attach to existing City Property Pole (street furniture) <input type="checkbox"/> Attach to Non-City Pole
Attachment Type Detail	Decorative Light Pole (Double Acorn Style), Small Cell Concealment
Physical Description	Antenna array (no more than 25" x 10" x 10") of up to three antennas mounted to exterior of the pole a minimum of 10' from the ground with a previously approved X-20 antenna or as a stand-alone system. Remote radio head(s), power, and fiber equipment will be concealed and ventilated within a stealth, expanded, base (not to exceed 44"H x 20"W x 21"D) The base will be painted to match the steel replacement pole and antenna equipment.
Concealment	The antenna and related telecommunication equipment will be concealed as detailed above.
Included Documents	The following documents: A. Pole Profile including equipment specifications and ground connection details. B. Photo mock-up showing existing and proposed pole views.
RF Compliance	<input checked="" type="checkbox"/> Facility conforms to information already on file RF information attached Crown Castle will attach FCC signage appropriate to the installed equipment.

Information	
Comments	

DOUBLE ACORN WITH SIDE MOUNT CABINET, 4G WHIP ANTENNA AND (2)-5G ANTENNA ARRAY



NOTES:

1. ALL DISTANCES, DIMENSIONS, LOCATIONS, EQUIPMENT DESIGNATIONS AND SPECIFICATIONS ARE APPROXIMATE.
2. ALL MATERIAL, COLOR & STYLE WILL MATCH CURRENTLY EXISTING MATERIALS AND WHERE NEEDED ANY RF FRIENDLY MATERIAL WILL BE PAINTED TO MATCH.
3. IT IS ASSUMED THAT ALL PROPOSED UTILITIES WILL BE ROUTED BELOW GRADE TO THE PROPOSED INSTALLATION.
4. THE PURPOSE OF THE DESIGN IS TO SHOW A CONCEPTUAL DESIGN FOR THE REPLACEMENT/MODIFICATIONS OF EXISTING LIGHT POLE. THEREFORE, THESE DESIGNS ARE INHERENTLY APPROXIMATE IN NATURE AND SHOULD NOT BE USED AS AN EXACT, SCALED ENGINEERING DRAWING.
5. POLE REPLACEMENT SPECIFICATIONS AND DIMENSIONS, INCLUDING STRUCTURAL FOUNDATIONS, WILL VARY BASED ON REQUIRED ANTENNA HEIGHTS REQUESTED BY CROWN CASTLE.
6. EQUIPMENT CLOSURE TO BE NO LARGER THAN (44"H x 21"W x 20"D).
7. WHIP ANTENNA TO BE NO LARGER THAN 60"H x 2"Ø.
8. EACH RADIO ARRAY TO BE NO LARGER THAN 25" x 10" x 9.6".
9. POLE REPLACEMENT INFORMATION FOR ALL STANDARD LIGHT POLES:
- 18' EXISTING POLE TO BE REPLACED WITH NEW POLE AND A MAX HEIGHT OF 24'
10. CROWN CASTLE WILL PLACE SMALL PLACARD ON POLE IDENTIFYING OWNERSHIP/CONTACT INFORMATION.
11. LED LIGHT & LUMINAIRE ARM WILL BE AT SAME HEIGHT AS EXISTING
12. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON'S LIGHTING STANDARDS.
13. PROPOSED INSTALLATION WILL BE PERFORMED IN ACCORDANCE WITH APPLICABLE SAFETY CODES, MAINTAINING APPROPRIATE CLEARANCES FROM EXISTING UTILITIES.
14. PROPOSED INSTALLATION WILL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE STRUCTURAL ENGINEERING DESIGN STANDARDS. ANY ADDITIONS OR MODIFICATIONS TO THE EXISTING INSTALLATION WILL INCLUDE MODIFICATIONS TO ENSURE THE STRUCTURE IS SOUND AND COMPLIANT WITH CURRENT APPLICABLE STANDARDS.
15. ORNAMENTAL & DECORATIVE FEATURES & LUMINAIRES WILL MATCH THE EXISTING FIXTURE UNLESS THE EXISTING FIXTURE IS A METAL HALIDE OR HIGH PRESSURE SODIUM FIXTURE. IN THESE SCENARIOS, THE FIXTURE WILL BE UPGRADED TO A CITY OF BOSTON APPROVED LED FIXTURE.

REVISIONS		
REV	DESCRIPTION	DATE

PREPARED BY:
PIKE TELECOM
 21 Oxford Rd
 Mansfield, MA 02048
 www.piketelecom.org
 1-508-337-7600

PREPARED FOR:
CROWN CASTLE

TITLE: EXHIBIT X-20A (PR-266) PROPOSED BOSTON, MA	
POLE INFO: DOUBLE ACORN	
SURVEYED BY: PIKE	PRINT NO: 1 OF 10
DRAWN BY: GL	SCALE: AS SHOWN
ISSUE DATE: 05/14/21	AS BUILT:

DOUBLE ACORN WITH SIDE MOUNT CABINET, 4G WHIP ANTENNA AND (2)-5G ANTENNA ARRAY



EXISTING PHOTOGRAPHIC VIEW



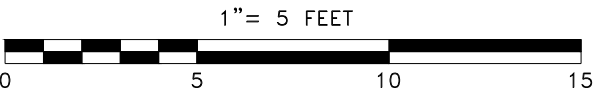
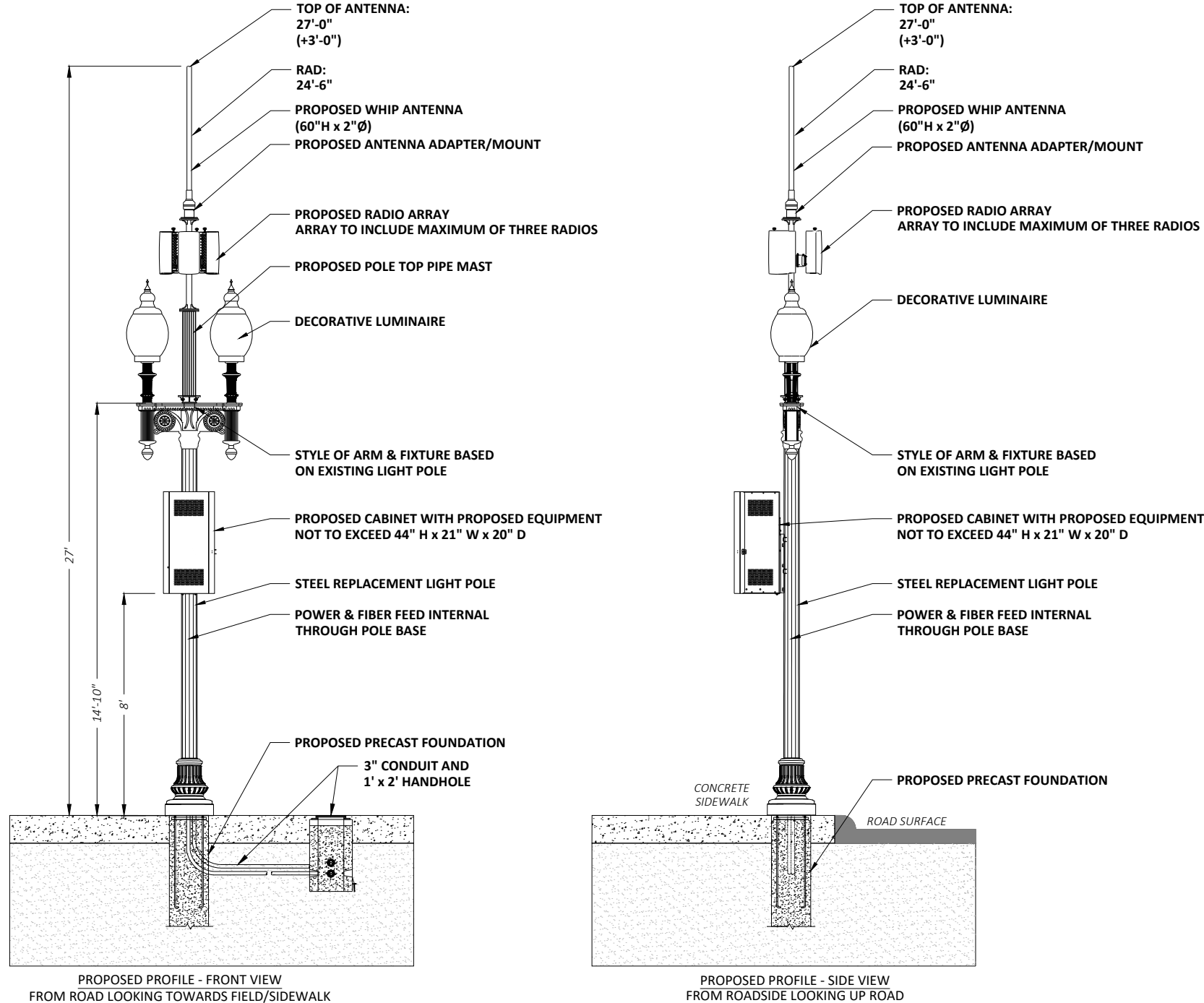
PROPOSED PHOTOGRAPHIC SIMULATION

N:\Engineering\Crown Castle\EXHIBIT EXAMPLES FOR CITY OF BOSTON\AA - AUTOCAD\EXHIBIT X-20A.dwg 12/9/2021

REVISIONS		
REV	DESCRIPTION	DATE

PREPARED BY: PIKE TELECOM 21 Oxford Rd Mansfield, MA 02048 www.piketelecom.org 1-508-337-7600	TITLE: EXHIBIT X-20A (PR-266) PROPOSED BOSTON, MA	
	POLE INFO: DOUBLE ACORN	
PREPARED FOR: CROWN CASTLE	SURVEYED BY: PIKE	PRINT NO: 2 OF 10
	DRAWN BY: GL	SCALE: AS SHOWN
	ISSUE DATE: 05/14/21	AS BUILT:

DOUBLE ACORN WITH SIDE MOUNT CABINET, 4G WHIP ANTENNA AND (3)-5G ANTENNA ARRAY



NOTES:

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3. IT IS ASSUMED THAT ALL PROPOSED UTILITIES WILL BE ROUTED BELOW GRADE TO THE PROPOSED INSTALLATION.
4. THE PURPOSE OF THE DESIGN IS TO SHOW A CONCEPTUAL DESIGN FOR THE REPLACEMENT/MODIFICATIONS OF EXISTING LIGHT POLE. THEREFORE, THESE DESIGNS ARE INHERENTLY APPROXIMATE IN NATURE AND SHOULD NOT BE USED AS AN EXACT, SCALED ENGINEERING DRAWING.
5. POLE REPLACEMENT SPECIFICATIONS AND DIMENSIONS, INCLUDING STRUCTURAL FOUNDATIONS, WILL VARY BASED ON REQUIRED ANTENNA HEIGHTS REQUESTED BY CROWN CASTLE.
6. EQUIPMENT CLOSURE TO BE NO LARGER THAN (44"H x 21"W x 20"D).
7. WHIP ANTENNA TO BE NO LARGER THAN 60"H x 2"Ø.
8. EACH RADIO ARRAY TO BE NO LARGER THAN 25" x 10" x 9.6".
9. POLE REPLACEMENT INFORMATION FOR ALL STANDARD LIGHT POLES:
- 18' EXISTING POLE TO BE REPLACED WITH NEW POLE AND A MAX HEIGHT OF 27'
10. CROWN CASTLE WILL PLACE SMALL PLACARD ON POLE IDENTIFYING OWNERSHIP/CONTACT INFORMATION.
11. LED LIGHT & LUMINAIRE ARM WILL BE AT SAME HEIGHT AS EXISTING
12. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON'S LIGHTING STANDARDS.
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REVISIONS		
REV	DESCRIPTION	DATE

PREPARED BY: 21 Oxford Rd Mansfield, MA 02048 www.piketelecom.org 1-508-337-7600	TITLE: EXHIBIT X-20A (X-29C) PROPOSED BOSTON, MA	
	POLE INFO: DOUBLE ACORN	
PREPARED FOR: 	SURVEYED BY: PIKE	PRINT NO: 6 OF 10
	DRAWN BY: GL	SCALE: AS SHOWN
	ISSUE DATE: 05/14/21	AS BUILT:

DOUBLE ACORN WITH SIDE MOUNT CABINET, 4G WHIP ANTENNA AND (3)-5G ANTENNA ARRAY



EXISTING PHOTOGRAPHIC VIEW



PROPOSED PHOTOGRAPHIC SIMULATION

N:\Engineering\Crown Castle\EXHIBIT EXAMPLES FOR CITY OF BOSTON\AA - AUTOCAD\EXHIBIT X-20A.dwg

REVISIONS		
REV	DESCRIPTION	DATE

PREPARED BY: PIKE TELECOM 21 Oxford Rd Mansfield, MA 02048 www.piketelecom.org 1-508-337-7600	TITLE: EXHIBIT X-20A (X-29C) PROPOSED BOSTON, MA	
	POLE INFO: DOUBLE ACORN	
PREPARED FOR: CROWN CASTLE	SURVEYED BY: PIKE	PRINT NO: 7 OF 10
	DRAWN BY: GL	SCALE: AS SHOWN
	ISSUE DATE: 05/14/21	AS BUILT: