100 A MAIN BREAKER SERVICE ENTRANCE RATED

2-#12, #12 G (20 A TO COMM BOX.), 3/4"C.

(1) 1-1/4"Ø CONDUIT FOR COMMUNICATIONS, MAINTAIN 6"
SEPERATION BETWEEN POWER AND

ELECTRICAL CONTRACTOR TO PROVIDE-1/2" FLEX AND CONNECTORS 1'-6" LONG WITH 3'-0" WIRE LEAD OUT 30 AMP CIRCUIT

COMMUNICATIONS CONDUITS (TYPICA INSTALL 2-CAT 6 E+ GELL FILLED CABL AND ALARM AND VIDEO INSTALL 1 VIDEO CABLE WITH PIGGYBACK 22

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6" MIN.

PROVIDE 1"Ø EMPTY CONDUIT WITH PULL WIRE FROM BOX HOLE TO CANOPY COLUMN

2-#10, #10 G (30 A TO ATM), 3/4"C.

METER BASE

\* GROUND FAULT INTERRUPTER

# HANDLE LOCK OFF



Scale: NOT TO SCALE

ELECTRICAL RISER DIAGRAM

UNDERGROUND SERVICE FROM UTILITY SOURCE (3"C) 120/240V, 1 PHASE, 3 WIRE

GROUND PER NEC

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2-#8, #10 G (30A TO CANOPY), 2-#8, #10 G (30A TO CANOPY), 1-1/4"C.

GUAGE 2 CONDUCTOR POWER WIRE
WITH FOIL SHIELD AND DRAIN CABLE
#91-051011-5262 INSTALL 1 ALARM
CABLE - 22 GUAGE 4 CONDUCTOR WITH
FOIL SHIELD AND DRAIN CABLE
#91-122043-6262

1/4"-

8" DEEP AREA FOR CONDUITS:

3/4"Ø CONDUIT FOR DRAINAGE

<u>^1'-0"</u>

Project No: 0210694.00 Book No: Drawn by: Reviewed: 8/5/21 Date:

NA JPB REP TOP OF CONCRETE SLAB **COMMERCE BANK PROTOTYPE ELECTRICAL DETAIL** 

FLOOR OF ATM

COMMENTS 4-21-22

C202 111 RIVER

Farnsworth GROUP 20 ALLEN AVENUE, SUITE 200 ST LOUIS, MISSOURI 63119 (314) 962-7900 / info@f-w.com

The A ISH

TYPE: QO PANEL "LP1" 120/240 VOLTS,	TYPE: QO PANEL "LP1" 120/240 VOLTS, 1 PHASE, 3 WIRE, 20 POLES MAINS: 100A CU BUS, 100A MAIN BREAKER	EAKER		
			CIRCUIT BREAKER	
CIRCUIT NUMBERS	EQUIPMENT SERVED	AMP	POLE	QUANITY
1,3	CANOPY POWER	30	1	2
2	ATM POWER	30	1	1
4	SPACE	20	1	1
5	COMMUNICATION PANEL POWER	20	1	1
6,20	SPACES		1	15
NOTES: 1. PROVIDE PANEL WITH NEMA 3R ENCLOSURE. 2. PROVIDE PANEL WITH SURGE SUPPRESSOR	NOTES: 1. PROVIDE PANEL WITH NEMA 3R ENCLOSURE. 2. PROVIDE PANEL WITH SURGE SUPPRESSOR EQUAL TO SQUAE D MODEL SDSB1175C, VERIFY EXACT II	r INSTALLATION REQU	NSTALLATION REQUIREMENTS WITH MANUFACTURER.	JUFACTURER.
ACCESSORIES:				

BREAKER

## Scale: NOT TO **SECTION**

SCALE

AT CONDUIT ENTRY

-3-1/2"

REFER TO PLAN VIEWS FOR CONDUIT ROUTING FOR SURROUND

FOR ATM CIRCUIT 3/4" CONDUIT