



SPECIFIC NOTES - SITE PLAN	
#	NOTE
002	REMOVE EXISTING LIGHT POLE AND POLE BASE AND REPLACE WITH AN IN-GRADE JUNCTION BOX, QUAZITE CATALOG #PD1118BA12 WITH COVER #PG1118HH0017 OR PRIOR APPROVED EQUAL. ENSURE THAT LIGHTING FIXTURES DOWNSTREAM FROM REMOVED LIGHT FIXTURE CONTINUE TO OPERATE. PROVIDE SUBMERSIBLE UNDERWATER SPLICES FOR ANY SPLICING DONE INSIDE IN-GRADE JUNCTION BOX.
003	REINSTALL EXISTING LIGHT POLE AT LOCATION SHOWN. PROVIDE NEW POLE BASE. REFER TO POLE BASE DETAIL. EXTEND EXISTING POLE LIGHT CIRCUIT SO THAT POLE IS RECONNECTED AND POWERED FROM SAME CIRCUIT IT WAS REMOVED FROM IN SPECIFIC NOTES #007 AND #008. PROVIDE SUBMERSIBLE UNDERWATER SPLICES FOR ANY SPLICING DONE INSIDE IN-GRADE JUNCTION BOX.
004	THIS CIRCUIT IS CONTROLLED FROM LIGHTING CONTACTOR. REFER TO LIGHTING CONTACTOR DIAGRAM.
005	CONTRACTOR TO PROVIDE 4" CONDUIT FROM EXISTING UTILITY TRANSFORMER TO NEW UTILITY TRANSFORMER. CONTRACTOR TO PROVIDE 2" CONDUIT FROM EXISTING TTB IN EXISTING MECHANICAL ROOM TO NEW TTB IN NEW ELETRICAL ROOM. CONTRACTOR TO PROVIDE BORING WHEREVER POSSIBLE UNDERNEATH EXISTING PARKING LOT TO REDUCE CUTTING AND PATCHING. ANY LANDSCAPING NEAR THE EXISTING UTILITY TRANSFORMER THAT IS TRENCHED THROUGH IS TO BE RETURNED TO OWNER SATISFACTION.
007	THIS LIGHT POLE FIXTURE IS ONE OF TWO FIXTURES ON EXISTING 20A/2P LIGHT POLE CIRCUIT. REMOVE EXISTING LIGHT POLE AND POLE BASE AND REPLACE WITH AN IN-GRADE JUNCTION BOX, QUAZITE CATALOG #PD1118BA12 WITH COVER #PG1118HH0017 OR PRIOR APPROVED EQUAL. REINSTALL THE LIGHT POLE AT LOCATION SHOWN IN SPECIFIC NOTE #003. EXTEND EXISTING LIGHTING CIRCUIT (#10 AWG, 5 WIRE). ENSURE THAT RELOCATED LIGHT POLES CONTINUE TO BE CONTROLLED FROM EXISTING LIGHTING CONTACTOR. PROVIDE SUBMERSIBLE UNDERWATER SPLICES FOR ANY SPLICING DONE INSIDE IN-GRADE JUNCTION BOXES.
008	THIS LIGHT POLE FIXTURE IS ONE OF TWO FIXTURES ON EXISTING 20A/2P LIGHT POLE CIRCUIT. REMOVE EXISTING LIGHT POLE AND POLE BASE AND REPLACE WITH AN IN-GRADE JUNCTION BOX, QUAZITE CATALOG #PD1118BA12 WITH COVER #PG1118HH0017 OR PRIOR APPROVED EQUAL. REINSTALL THE LIGHT POLE AT LOCATION SHOWN IN SPECIFIC NOTE #003. EXTEND EXISTING LIGHTING CIRCUIT (#10 AWG, 5 WIRE). ENSURE THAT RELOCATED LIGHT POLES CONTINUE TO BE CONTROLLED FROM EXISTING LIGHTING CONTACTOR. PROVIDE SUBMERSIBLE UNDERWATER SPLICES FOR ANY SPLICING DONE INSIDE IN-GRADE JUNCTION BOXES.
009	PROVIDE ROUGH-IN FOR EXTERIOR CAMERA. PROVIDE JUNCTION BOX ON INTERIOR WALL WITH BLANK COVER, AND A 1/2" CONDUIT STUBBED OUT FROM JUNCTION BOX TO EXTERIOR FOR CAMERA MOUNT OVER TOP AND STUB OUT. PROVIDE 1/2" CONDUIT FROM NEW CAMERA LOCATION TO EXISTING TTB AT THE EXISTING SUBARU BUILDING.
010	PROVIDE CONDUIT, CONDUCTORS, AND TERMINATIONS FOR GATE OPERATOR DETECTION LOOPS. REFER TO GATE OPERATOR LOOP DETECTOR WIRING DETAIL. PROVIDE 3/4" PVC CONDUIT AT LOCATIONS SHOWN, LENGTH OF LOOPS TO SPAN THE WIDTH OF THE GATE. PROVIDE #14 CONDUCTORS WITH APPROXIMATELY SIX TWISTS PER FOOT, WIRED IN SERIES, FOR THE REVERSE LOOPS. CONCRETE PAD FOR GATE OPERATOR PROVIDED BY GENERAL CONTRACTOR.
011	PROVIDE SPARE CONDUIT FROM TRANSFORMER TO JUNCTION BOX ON EXTERIOR OF BUILDING FOR FUTURE CAR CHARGER SERVICE. PROVIDE JUNCTION BOX WITH COVER.

Electrical Miscellaneous Notes- Site Plan	
	NOTE
A	UNDERGROUND CONDUIT INSTALLED UNDER PARKING LOTS, DRIVEWAYS, AND APPROACHES SHALL BE SCHEDULE 80 PVC. ALL OTHER UNDERGROUND LOCATIONS SHALL BE SCHEDULE 40 PVC.
B	UNDERGROUND CONDUIT RUNS SHALL BE PROVIDED WITH 23" X 17" JUNCTION BOXES WHERE NEEDED. PROVIDE QUAZITE CATALOG #PG1324BA18. REFER TO BOX DETAIL.
C	UTILITY TO PROVIDE TRANSFORMER AND CONDUCTORS BETWEEN NEW TRANSFORMER AND EXISTING TRANSFORMER. UTILITY COSTS ARE NOT TO BE INCLUDED IN THIS BID. POINT OF CONTACT FOR UTILITY IS TYLER AT BLACK HILLS ENERGY, 605-858-3728.

ARCHITECT:

ARCHITECTURE
INTERNATIONAL
5808 SHERIDAN LAKE ROAD
RAPID CITY, SOUTH DAKOTA 57702
TEL 605-341-2066
www.ARCattek.com
FAX 341-3651
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CONTRACTOR/BUILDER:

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Albertson Engineering Inc.
3202 West Main
Suite C
Rapid City, South Dakota 57702
605.343.9606

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AL SUTTON ELECTRIC
605-341-5300
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CIVIL ENGINEER:

TDG

Towey Design Group, Inc.
475 Villa Drive, Suite #3
Box Elder, SD 57719
605.600.3758

DATE: 2/11/2025

PROJECT MANAGER: JEREMIAH SUTTON

PROJECT NUMBER: 24002

NOT FOR
CONSTRUCTION

VESELY BUILDING

601 E OMAHA ST
RAPID CITY, SD

Site Plan

E0.2

1 Site Plan
1" = 20'-0"