

HIGHWAY 7
FINANCIAL
PLAZA

ST. LOUIS PARK, MN

RSP ARCHITECTS

1220 MARSHALL ST NE
MINNEAPOLIS, MN 55413

LOUCKS

PLANNING
CIVIL ENGINEERING
LAND SURVEYING
LANDSCAPE ARCHITECTURE
ENVIRONMENTAL

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Maple Grove, MN 55369
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CADD QUALIFICATION

CADD files prepared by the Consultant for this project are instruments of the Consultant's professional services for use solely with respect to this project. These CADD files shall not be used on other projects, for additions to this project, or for completion of this project by others without written approval by the Consultant. With the Consultant's approval, others may be permitted to obtain copies of the CADD drawing files for information and reference only. All intentional or unintentional revisions, additions, or deletions to these CADD files shall be made at the full risk of that party making such revisions, additions or deletions and that party shall hold harmless and indemnify the Consultant from any & all responsibilities, claims, and liabilities.

SUBMITTAL/REVISIONS

04/20/2020 CITY SUBMITTAL
05/12/2020 REVISED CITY SUBMITTAL

PROFESSIONAL SIGNATURE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer in the State of Minnesota.

Licensed Professional Engineer - PE 41352
Date: _____

QUALITY CONTROL

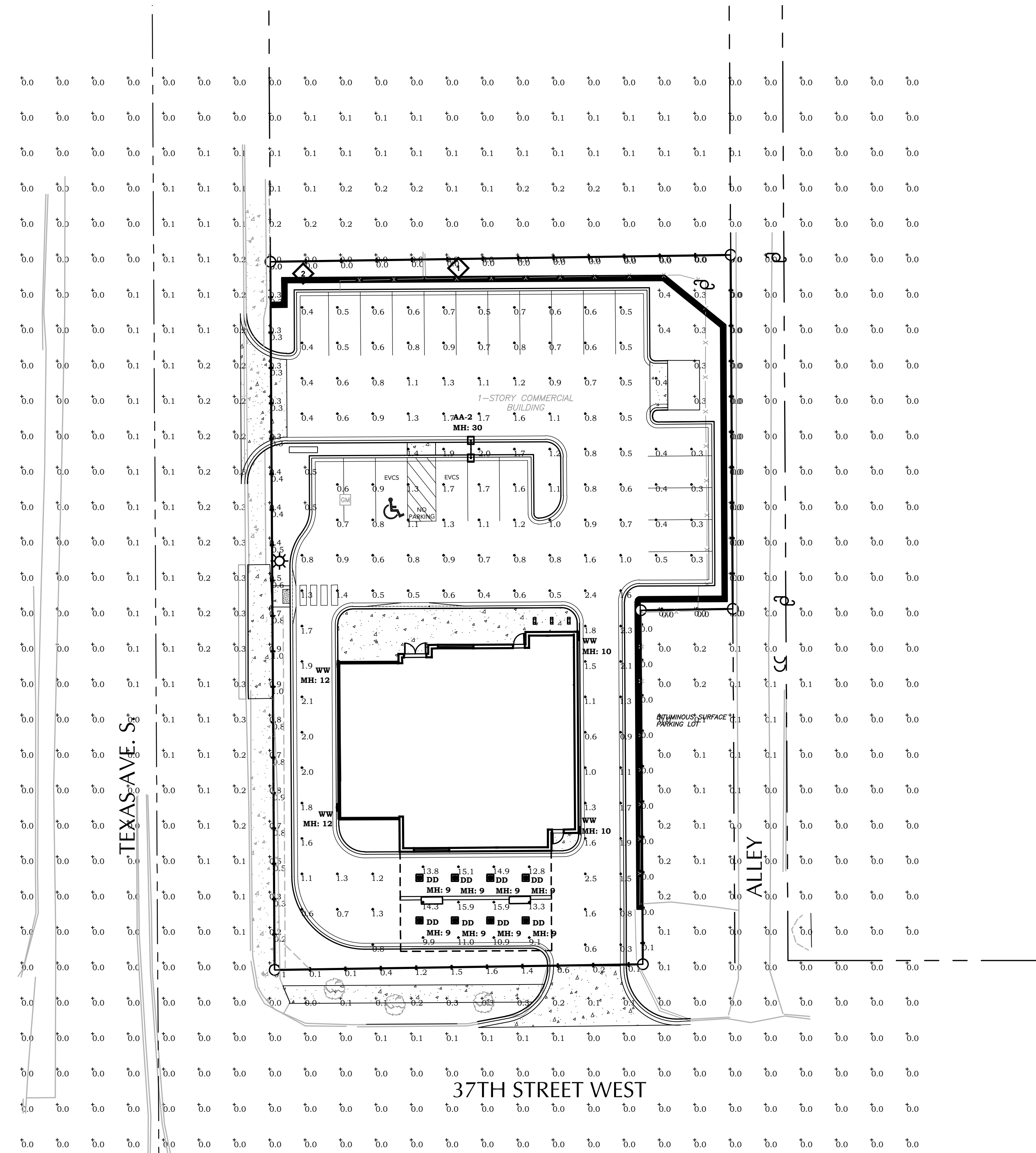
Locucks Project No. 20001.00
Project Lead VJV
Drawn By MJS
Checked By VJV
Review Date _____

SHEET INDEX

- C1-2 DEMOLITION PLAN
- C2-1 SITE PLAN
- C3-1 GRADING & EROSION CONTROL PLAN
- C4-1 UTILITY PLAN
- C8-1 CIVIL DETAILS
- C8-2 CIVIL DETAILS
- C8-3 CIVIL DETAILS
- L1-1 LANDSCAPE PLAN
- L2-1 LANDSCAPE DETAILS
- PH-1 PHOTOMETRIC PLAN

PHOTOMETRIC
PLAN

PH-1



All Luminaires Are Flat Lens, Full Cut-Off Type
B-U-G Uplight Rating (U) = 0

Symbol	Qty	Label	Arrangement	SLP	Description	Lum. Watts	Lum. Lumens	800 Rating
■	1	DD	1x1	1.810	1x1x1 LED 14W 8V WW 4.2K CDD Bank to Bank At 30° Height On 4 Square Street Pole	14	1900	120000
■	4	DD	SINGLE	0.810	Atlantic 21RF13X12-SV144-400-SQ23PR-US	39.7	2634	81-00-01
■	4	WW	SINGLE	0.810	Cooper Inver FENC-801-LED-E1-BL2 Wall Mounted At 10'	24.7	2738	81-00-01

Calculation Summary	Calc Type	Units	Avg	Max	Min	Avg/Min	Max/Min
Parking Surface	Illuminance	Fc	1.01	2.5	0.3	1.37	8.33
Property Line	Illuminance	Fc	0.57	1.0	0.0	8.4	N/A
Full Path to Zero	Illuminance	Fc	0.06	0.9	0.0	8.4	N/A
Under Drive Thru Canopy	Illuminance	Fc	13.08	15.9	2.1	1.44	1.75

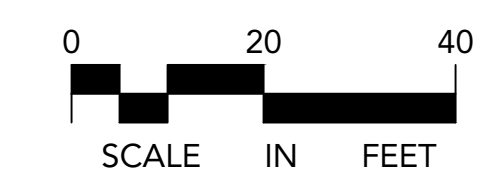
Lighting by:
Charlie Lesvitt, LC, MIES
Lighting Fundamentals, LLC
PO Box 50827
Mendota, MN 55150-0877
charlie@lightingfundamentalsllc.net
651-399-7768

LIGHTING CALCULATIONS AND DESIGN BY:
CHARLIE LEAVITT, LC, MIES
LIGHTING FUNDAMENTALS, LLC
PO Box 50827
Mendota Heights, MN 55150-0877
(651) 399-7768

WARNING:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR LOCATIONS OF ALL EXISTING UTILITIES. THEY SHALL COOPERATE WITH ALL UTILITY COMPANIES IN MAINTAINING THEIR SERVICE AND / OR RELOCATION OF LINES.

THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL AT 651-454-0002 AT LEAST 48 HOURS IN ADVANCE FOR THE LOCATIONS OF ALL UNDERGROUND WIRING, CABLES, CONDUITS, PIPES, MANHOLES, VALVES OR OTHER BURIED STRUCTURES BEFORE DIGGING. THE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE WHEN DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.



CALL BEFORE YOU DIG!
Gopher State One Call
TWIN CITY AREA: 651-454-0002
TOLL FREE: 1-800-252-1166