# RENOVATION OF 3945 S. STATE ST.

3945, 3949, 3953, AND 3957 S. STATE ST, ANN ARBOR, WASHTENAW COUNTY SITE PLANS

CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

BY AVAILABLE UTILITY COMPANY RECORDS AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE COMPANY. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY IF A CONFLICT IS APPARENT.



JAG BRIARWOOD LLC 4779 COLLINS AVE SUITE 4301 MIAMI BEACH, FL 33140 CONTACT: JACK SCHWARCZ

**OWNER:** 

### ARCHITECT: J BRADLEY MOORE & ASSOCIATES ARCHITECTS, INC. 4844 JACKSON RD., SUITE 150 ANN ARBOR, MI 48103 PHONE: 734-930-1500 CONTACT: BRAD MOORE

# **APPLICANT:**

SCL, INC. 26140 RAINE ST. OAK PARK, MI 48237 CONTACT: JACK SCHWARCZ

### **SURVEYOR/ENGINEER:** ALPINE ENGINEERING, INC. 46892 WEST ROAD, SUITE 109 NOVI, MI 48377 PHONE: (248) 926-3701 FAX: (248) 926-3765 CONTACT: SHILOH DAHLIN

### LANDSCAPE ARCHITECT:

ALLEN DESIGN 557 CARPENTER NORTHVILLE, MI 48167 PHONE: (248) 467-4668 CONTACT: JIM ALLEN

### **PROJECT TYPE:**

RENOVATION OF AN EXISTING COMMERCIAL BUILDING TO ADD A DRIVE-THRU.



### SITE DATA COMPARISON CHART:

| ITEM   | EXISTING                       | REQUIRED  | MAXIMUM   | PROPOSED  |
|--|--------------------------------|---|---|---|
| SITE AREA  |                                |   |   |   |
| GROSS  | ±1.00 ACRES                    |   |   | ±1.00 ACRES   |
| STATE STREET RIGHT-OF-WAY                                  | ±0.09 ACRES                    | 6,000 SF  |   | ±0.09 ACRES   |
| NET  | ±0.91 ACRES (39,428 SF)        |   |   | ±0.91 ACRES (39,428 SF)   |
| ZONING   | C3                             |   |   | C3  |
| PROPOSED USE   | COMMERCIAL (RESTAURANT/RETAIL) |   |   | COMMERCIAL (RESTAURANT/RETAIL)  |
|  |                                |   |   | PROPOSED DRIVE-THRU FOR BUILDING #2   |
| TOTAL AREA OF BUILDINGS                                    |                                |   |   |   |
| BUILDING #1 FOOTPRINT<br>(3945 S. STATE ST.)               | 1,900 SF                       |   |   | 1,900 SF  |
| BUILDING #2 FOOTPRINT<br>(3949, 3953, & 3957 S. STATE ST.) | 5,695 SF                       |   |   | 4,311 SF  |
| TOTALS   | 7,595 SF                       |   |   | 6,211 SF  |
| FLOOR AREA RATIO   | =(7,595/39,428) x 100 = 19.3%  |   | 200%  | $=(6,211/39,428) \times 100 = 15.8\%$   |
| OPEN SPACE   | 5,046 SF                       | NONE  |   | 4,660 SF  |
| HEIGHT OF BUILDINGS  |                                |   |   |   |
| BUILDING #1 HEIGHT<br>(3945 S. STATE ST.)                  | 25 FT -8 INCHES                |   | 55 FT (4 STORIES)                                 | NO CHANGE PROPOSED  |
| BUILDING #2 HEIGHT<br>(3949, 3953, & 3957 S. STATE ST.)    | 39 FT −516 INCHES              |   | 55 FT (4 STORIES)                                 | NO CHANGE PROPOSED  |
| SETBACKS   |                                |   |   |   |
| BUILDING #1<br>(3945 S. STATE ST.)                         |                                |   |   |   |
| FRONT  | 22 FT                          | 10 FT   | 25 FT   | NO CHANGE PROPOSED  |
| SIDE   | 13 FT (NORTH) / 45 FT (SOUTH)  | NONE  | NONE  | NO CHANGE PROPOSED  |
| REAR   | 374 FT                         | NONE  | NONE  | NO CHANGE PROPOSED  |
| BUILDING #2<br>(3949, 3953, & 3957 S. STATE ST.)           |                                |   |   |   |
| FRONT  | 232 FT                         | 10 FT   | 25 FT   | NO CHANGE PROPOSED  |
| SIDE   | 5 FT (NORTH) / 44 FT (SOUTH)   | NONE  | NONE  | 13 FT (NORTH) / NO CHANGE PROPOSED FOR SOUTH SIDE                                     |
| REAR   | 73 FT                          | NONE  | NONE  | NO CHANGE PROPOSED  |
|  |                                |   |   |   |
| PARKING REQUIRED (AUTOMOTIVE)                              |                                |   |   |   |
| RESTAURANT   | 19 SPACES                      | 1 FOR EACH 100 SF<br>OF FLOOR AREA<br>= 19 SPACES | 1 FOR EACH 100 SF<br>OF FLOOR AREA<br>= 19 SPACES | 19 SPACES   |
| RETAIL   | 20 SPACES                      | 1 FOR EACH 310 SF<br>OF FLOOR AREA<br>= 14 SPACES | 1 FOR EACH 265 SF<br>OF FLOOR AREA<br>= 16 SPACES | 17 SPACES   |
| TOTAL PARKING REQUIRED                                     |                                | 32 SPACES   | 34 SPACES   |   |
| TOTAL PARKING PROVIDED                                     | 39 SPACES                      |   |   | 36 SPACES [INCLUDING 2 ADA AND 8 ELECTRIC VEHICLES (4 EV-INSTALLED AND 4 EV-CAPABLE)] |
| PARKING REQUIRED (BICYCLE)                                 |                                |   |   | ·   |
| RESTAURANT   | 3 SPACES                       | 1 FOR EACH 750 SF<br>= 3 SPACES                   |   | 3 SPACES  |
|  |                                |   |   |   |
| RETAIL   | 1 SPACE                        | 1 FOR EACH 3,000 SF<br>= 1 SPACES                 |   | 1 SPACE   |
| RETAIL  TOTAL BICYCLE PARKING REQUIRED                     | 1 SPACE<br>4 SPACES            | 1 FOR EACH 3,000 SF<br>= 1 SPACES                 |   | 1 SPACE  4 SPACES   |

# STATEMENT OF INTEREST IN LAND:

COMMENCING AT A POINT IN THE SOUTHWEST 1/4 OF SECTION 9, TOWN 3 SOUTH, RANGE 6 EAST, CITY OF ANN ARBOR, WASHTENAW COUNTY, MICHIGAN, WHICH POINT IS DISTANT NORTH 247.5 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION 9, RUNNING THENCE EAST 528.00 FEET; THENCE NORTH 82.5 FEET; THENCE WEST 528.00 FEET; THENCE SOUTH 82.5 FEET TO THE PLACE OF BEGINNING, EXCEPTING AND RESERVING THE USE OF THE WEST 83.00 FEET AND THE EAST 30.00 FEET THEREOF FOR HIGHWAY AND PUBLIC UTILITY PURPOSES, ALSO KNOWN AS PARCEL 4 OF THE JOHN LAWRENCE FARM.

TOTAL ACREAGE: ±1.00 ACRES

### REQUIRED STATEMENTS FOR SITE PLAN REVIEW:

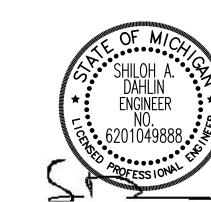
- APPLICATION IDENTIFICATION i- SPECIAL EXCEPTION USE IS REQUIRED FOR THE ADDITION OF THE DRIVE-THRU. ii— IDENTIFICATION OF ASSOCIATED APPLICATIONS:
  - a) REZONING FROM RE TO 0 (MAY 2003)(ETRAKIT PROJECT #1209361.2) b) REZONING FROM 0 TO C3 (JUNE 2013)(ETRAKIT PROJECT #Z13-003) c) SITE PLAN APPROVED (JUNE 2013)(ETRAKIT PROJECT #SP12-027)
  - d) SITE PLAN APPROVED (OCTOBER 2014)(ETRAKIT PROJECT #SP14-045) e) SITE PLAN APPROVED (JUNE 2017)(ETRAKIT PROJECT #SP16-118)

COMMUNITY ANALYSIS

- PROPOSED DEVELOPMENT i— PROPOSED LAND USE: COMMERCIAL ii— PROPOSED IMPROVEMENTS: EXISTING BUILDING IS PROPOSED TO BE
  - RECONSTRUCTED TO ALLOW SPACE FOR A DRIVE-THRU. ADA PARKING WILL BE RELOCATED. PARKING AND SITE ACCESS TO REMAIN. iii- CONSTRUCTION IS PROPOSED IN ONE PHASE.
  - iv- ESTIMATED CONSTRUCTION COSTS: \$69,000 (CIVIL SITE WORK)
  - ii— RELATIONSHIP OF INTENDED USE TO NEIGHBORING USES: SURROUNDING USES ARE OF SIMILAR NATURE
  - iii- IMPACT OF ADJACENT USES ON PROPOSED DEVELOPMENT: NONE ARE iv- IMPACT OF PROPOSED DEVELOPMENT ON THE AIR AND WATER QUALITY AND ON

i- IMPACT ON SCHOOLS: NO IMPACT ON PUBLIC SCHOOLS IS ANTICIPATED.

- EXISTING NATURAL FEATURES OF THE SITE AND NEIGHBORING SITES: NONE ARE V- IMPACT OF THE PROPOSED USE ON HISTORIC SITES OR STRUCTURES WHICH ARE
- LOCATED WITHIN A HISTORIC DISTRICT OR LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES. NONE ARE ANTICIPATED. vi- TRAFFIC STATEMENT: THE NUMBER OF VEHICLE TRIPS PER UNIT PER PEAK HOUR AND SUPPORTING DOCUMENTATION FROM THE ITE MANUAL: REFER TO THE
- TRAFFIC IMPACT STATEMENT PROVIDED WITH THIS SITE PLAN SUBMITTAL PACKAGE. (RECEIVED MARCH 2022 AND PREPARED BY MIDWESTERN CONSULTING). vii- PUBLIC SIDEWALK MAINTENANCE STATEMENT: THE PUBLIC SIDEWALK IS EXISTING.
- REFER TO NOTE #5 ON SHEET C-3. vii— ADDITIONAL INFORMATION FOR SITE PLANS: THE SITE IS CURRENTLY DEVELOPED. PAVING CONSISTS OF PERMEABLE PAVERS WITH LANDSCAPED PARKING ISLANDS. NEW CONSTRUCTION WILL INCLUDE PERMEABLE PAVERS. LANDSCAPE ISLANDS TO REMAIN AS INDICATED ON THE LANDSCAPE PLAN.



### SHEET INDEX:

### ALPINE ENGINEERING INC. COVER SHEET ALTA/NSPS LAND TITLE SURVEY AND DEMOLITION PLAN C-2

- DIMENSIONAL LAYOUT PLAN PRELIMINARY ENGINEERING PLAN
- C-5PRELIMINARY STORM WATER MANAGEMENT PLAN C-6ATRUCK CIRCULATION PLAN - GARBAGE TRUCK

TRUCK CIRCULATION PLAN — FIRE TRUCK

ALLEN DESIGN

C-6B

L-1 LANDSCAPE PLAN GASSER BUSH

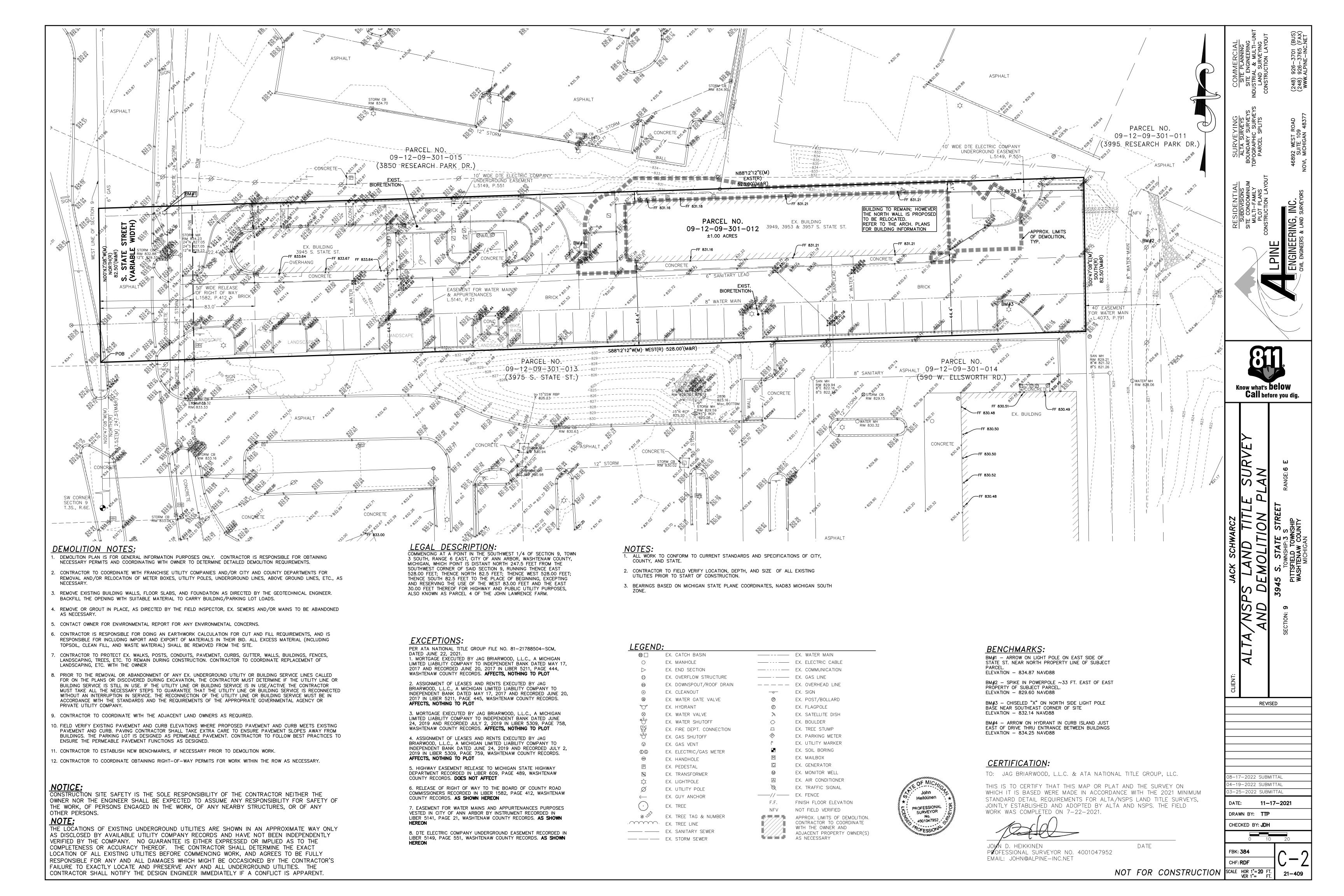
P-1 PHOTOMETRICS PLAN

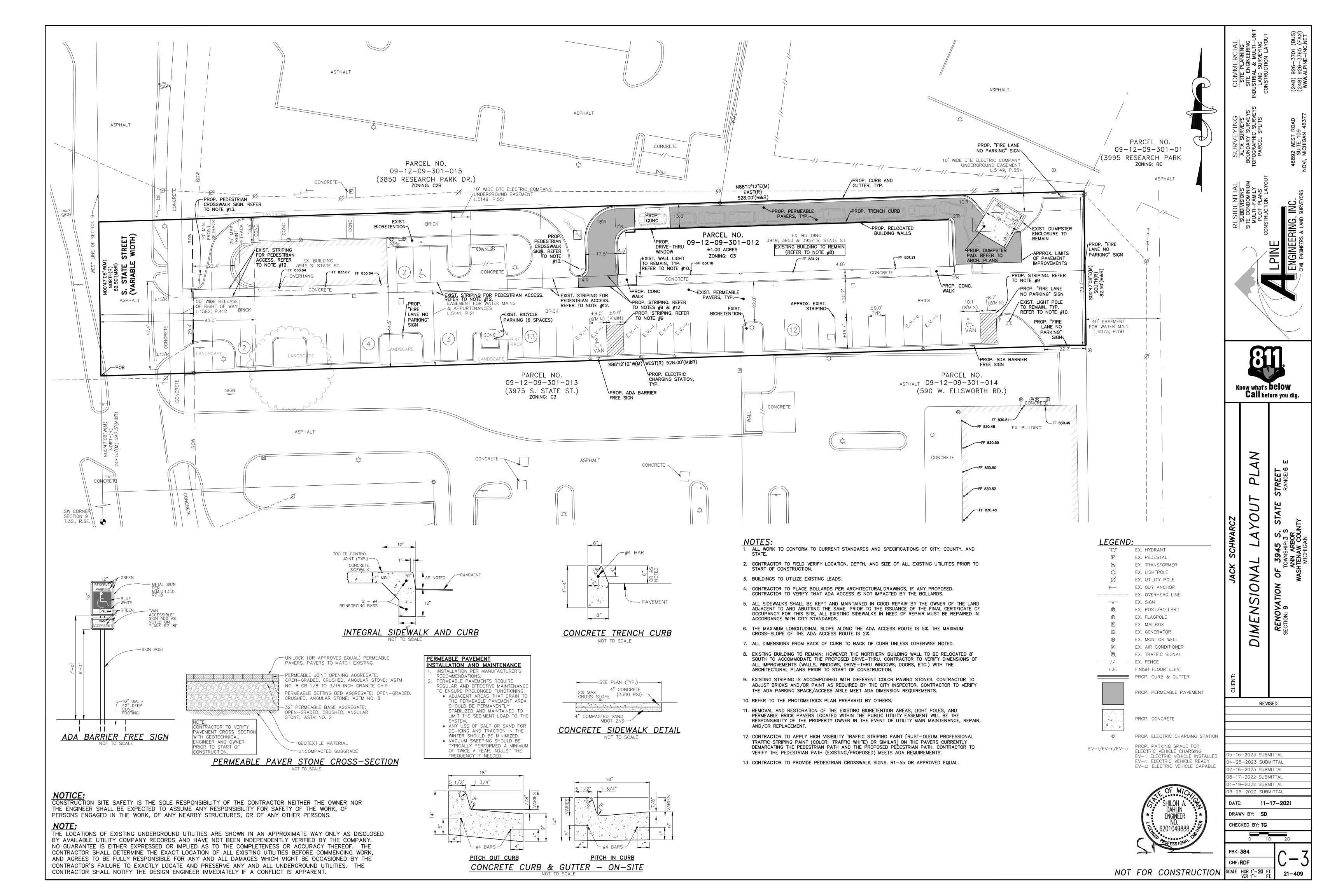
NOT FOR CONSTRUCTION

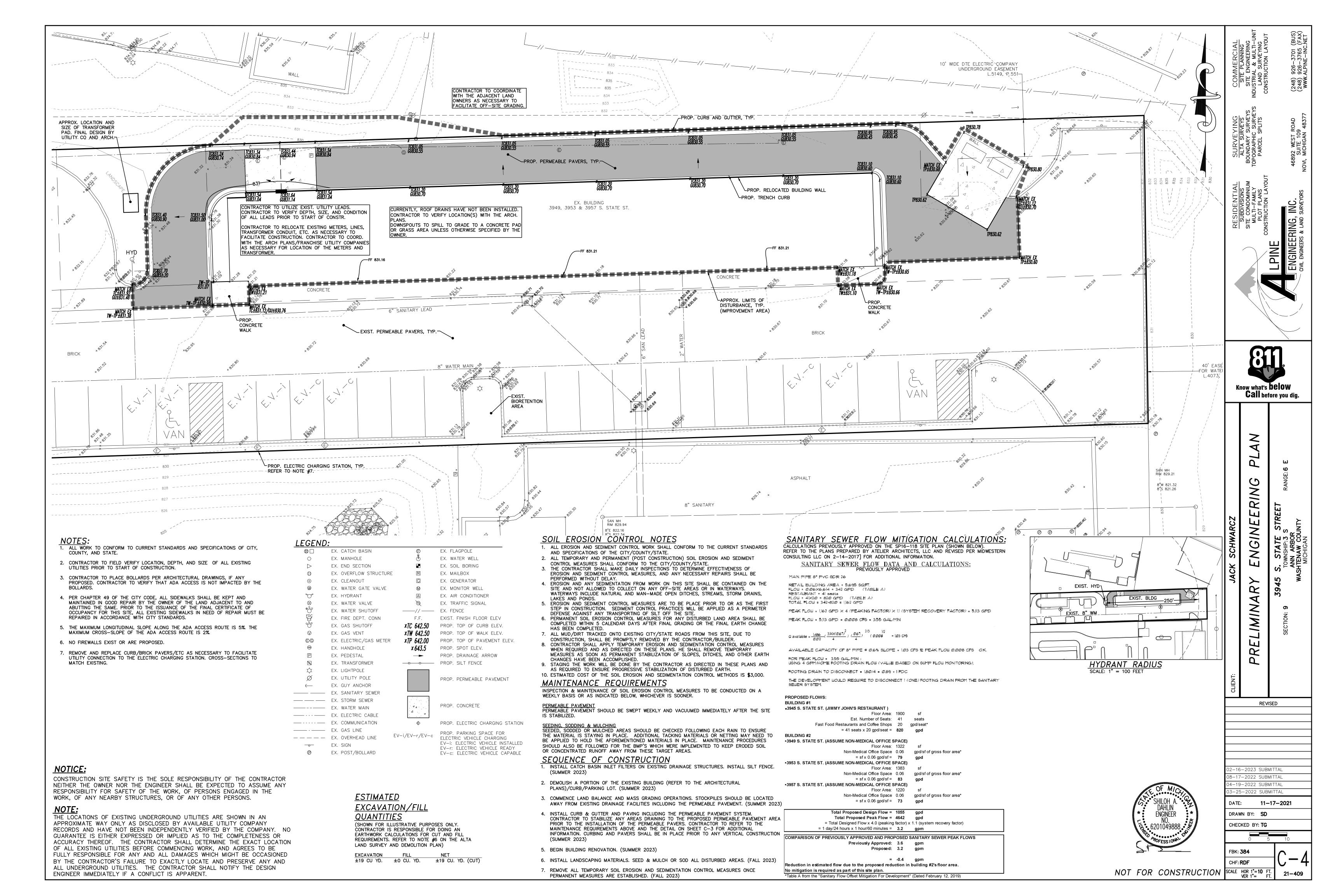
REVISED -16-2023 SUBMITTAL 1-25-2023 SUBMITTAL -16-2023 SUBMITTAL B-17-2022 SUBMITTAL 5-04-2022 SUBMITTAL 1-19-2022 SUBMITTAL 3-25-2022 SUBMITTAL

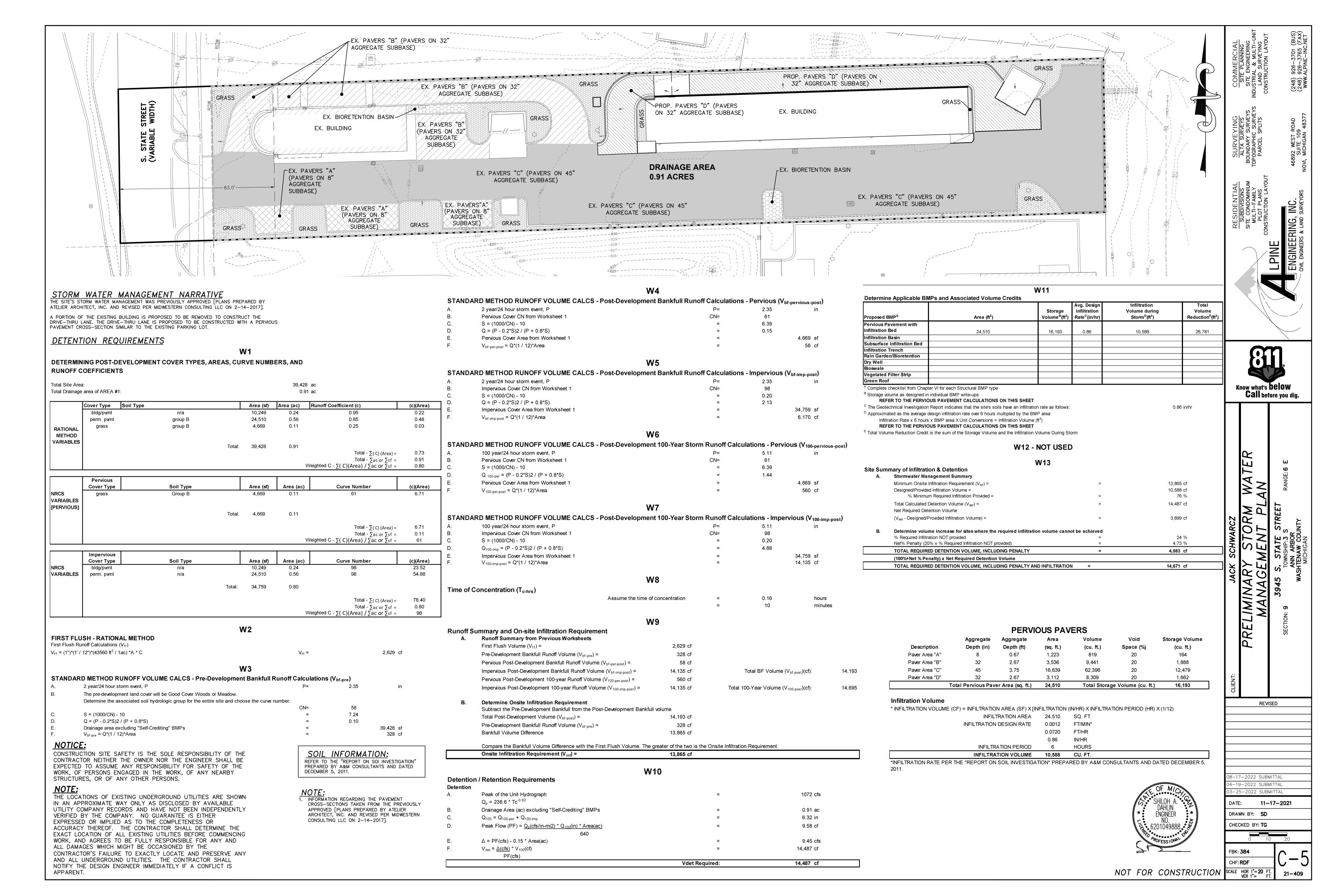
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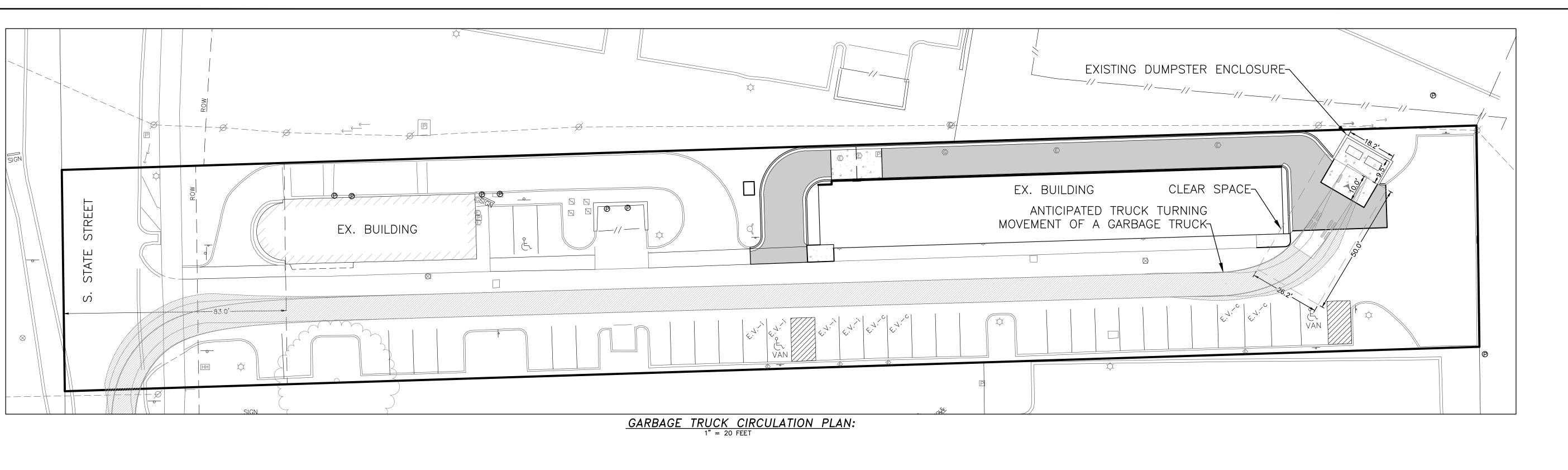
DATE: **11–17–2021** DRAWN BY: SD CHECKED BY: TG

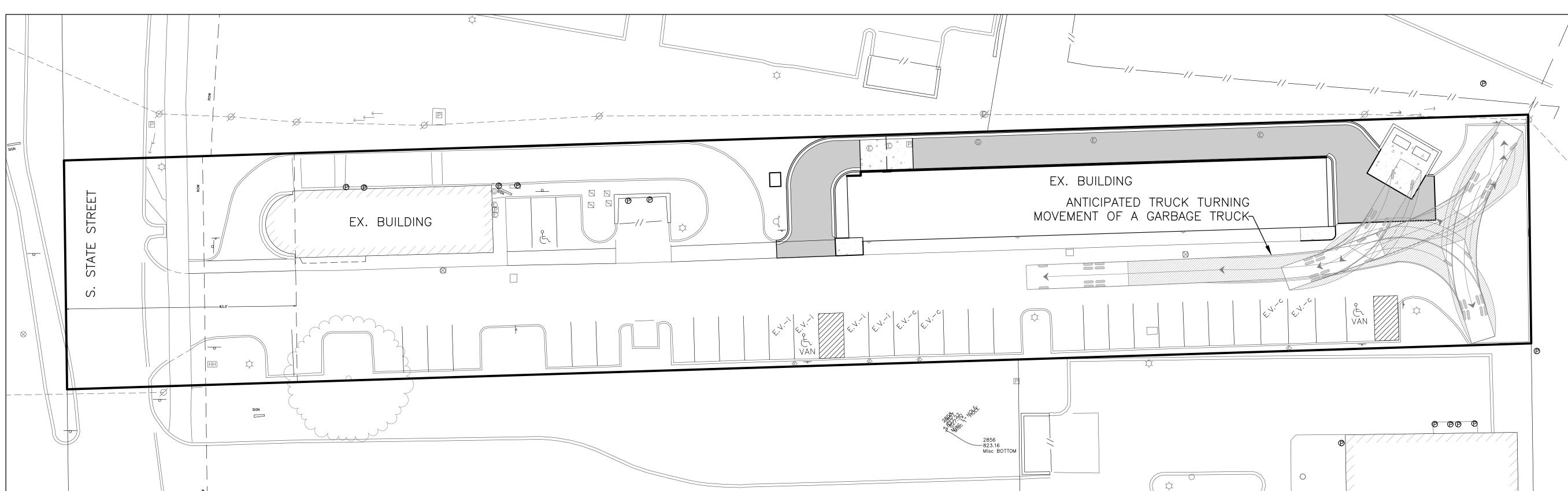












FIRE TRUCK CIRCULATION PLAN:

1" = 20 FEET

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THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AS DISCLOSED BY AVAILABLE UTILITY COMPANY RECORDS AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE COMPANY. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY IF A CONFLICT IS APPARENT.

1. PROPOSED CONCRETE WALK SHALL NOT IMPEDE SOLID WASTE ACCESS.

- 2. SOLID WASTE WILL NOT BE SERVICED IF SERVICING ROUTE IS IMPEDED BY DRIVE-THRU TRAFFIC OR OTHER TRAFFIC IMPEDIING INGRESS/EGRESS. THE CITY WILL NOT RETURN TO SERVICE SOLID WASTE IF PICKUP IS MISSED DUE TO THE SERVICING ROUTE BEING IMPEDED. SOLID WASTE WILL BE SERVICED AT NEXT SCHEDULED PICKUP, AND ALL SOLID WASTE GENERATED MUST BE HANDLED AND CONTAINED IN ACCORDANCE WITH ALL APPLICABLE CITY
- SOLID WASTE REGULATIONS AND CODES. 3. GATES ON SOLID WASTE ENCLOSURE MUST BE ABLE TO BE SECURED IN BOTH OPEN (120 DEGREE MINIMUM) AND CLOSED POSITIONS. GATES WILL NOT BE CLOSED BY CITY SOLID WASTE DRIVERS AFTER SERVICING.
- 4. GATES SHALL BE DESIGNED AND BUILT AS TO NOT DECREASE THE CLEARANCE OF THE ENCLOSURE ENTRANCE. CLEARANCE WIDTH OF 18.7' SHALL BE MAINTAINED.
- ENCLOSURE SHALL BE CLEARED OF DEBRIS AND VEGETATION, CURB IN FRONT OF DUMPSTER REMOVED, AND A CONCRETE PAD SHALL BE POURED AS SHOWN ON THE "SITE PLAN".

## LEGEND:

EX. TRAFFIC SIGNAL EX. HYDRANT EX. PEDESTAL \_\_\_\_// \_\_\_\_ EX. FENCE EX. TRANSFORMER F.F. EXIST. FINISH FLOOR ELEV EX. LIGHTPOLE EX. UTILITY POLE PROP. PERMEABLE PAVEMENT

EX. GUY ANCHOR — — — — EX. OVERHEAD LINE EX. SIGN EX. POST/BOLLARD

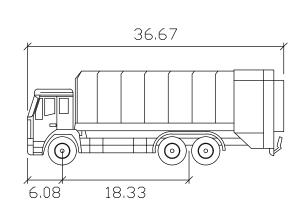
EX. FLAGPOLE

EX. GENERATOR

EX. AIR CONDITIONER

PROP. CONCRETE

PROP. ELECTRIC CHARGING STATION



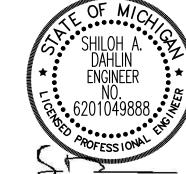
### ANN ARBOR AUTOCAR ACX 6x4

feet : 8.75 Width Track : 8.75 Lock to Lock Time : 6.0 : 32.6 Steering Angle Curb to Curb Turning Radius: 34.1

TRUCK CIRCULATION PLAN NOTES:

1. TRUCK ROUTES SHOWN ON THE TRUCK CIRCULATION PLANS

ARE ILLUSTRATIVE ONLY AND DOES NOT TAKE IN ACCOUNT ALL POSSIBLE TRUCK MOVEMENTS. ADDITIONAL TRUCK MOVEMENTS MAY BE NECESSARY.



CHECKED BY: TG

NOT FOR CONSTRUCTION SCALE HOR 1"= 20 FT. VER 1"= FT.



DRAWN BY: SD

-26-2023 DRAFT FOR CLIENT

1-25-2023 SUBMITTAL

-16-2023 SUBMITTAL

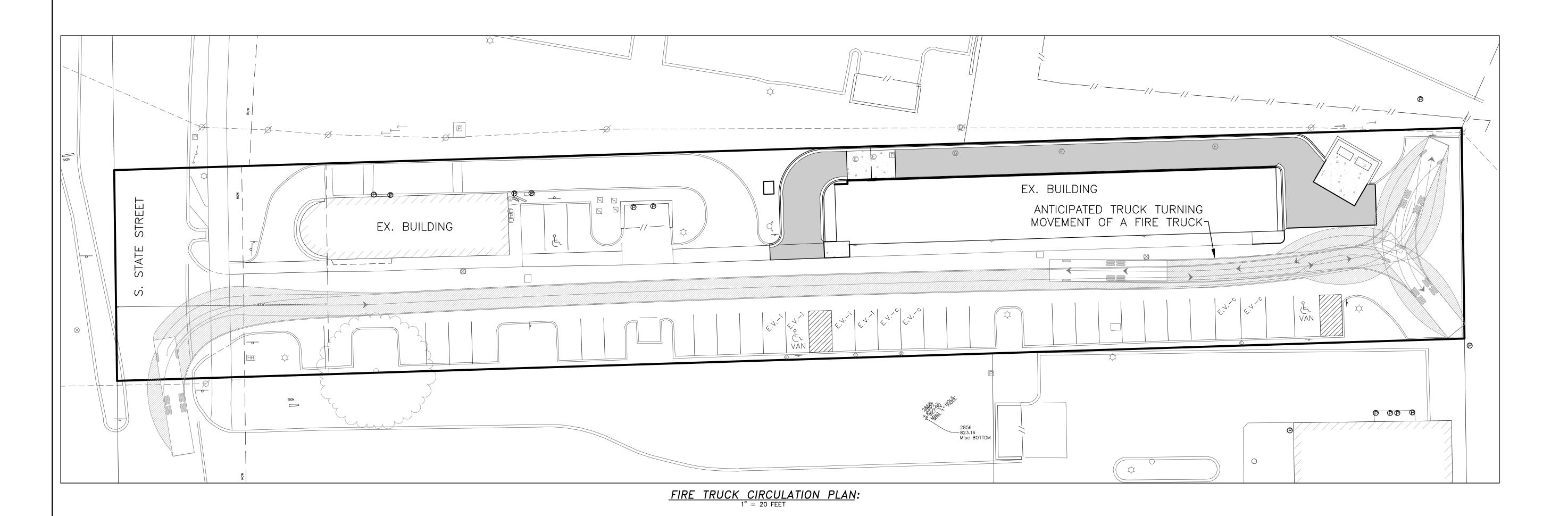
-17-2022 SUBMITTAL

DATE: **11–17–2021** 

REVISED

Know what's **below Call** before you dig.

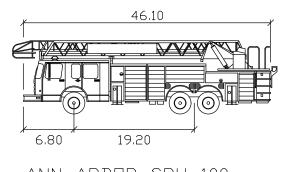




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EX. HYDRANT EX. TRAFFIC SIGNAL EX. PEDESTAL \_\_\_\_// \_\_\_\_ EX. FENCE F.F. EXIST. FINISH FLOOR ELEV EX. TRANSFORMER EX. LIGHTPOLE EX. UTILITY POLE PROP. PERMEABLE PAVEMENT EX. GUY ANCHOR — — — — EX. OVERHEAD LINE ── EX. SIGN PROP. CONCRETE EX. POST/BOLLARD EX. FLAGPOLE EX. GENERATOR PROP. ELECTRIC CHARGING STATION EX. AIR CONDITIONER



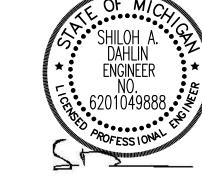
ANN ARBOR SPH-100

feet : 8.50 Width : 8.50 : 5.0 : 36.3 Track Lock to Lock Time Steering Angle

TRUCK CIRCULATION PLAN NOTES:

1. TRUCK ROUTES SHOWN ON THE TRUCK CIRCULATION PLANS ARE ILLUSTRATIVE ONLY AND DOES NOT TAKE IN ACCOUNT ALL POSSIBLE TRUCK MOVEMENTS.

ADDITIONAL TRUCK MOVEMENTS MAY BE NECESSARY.



NOT FOR CONSTRUCTION SCALE HOR 1"= 20 FT. VER 1"= FT.

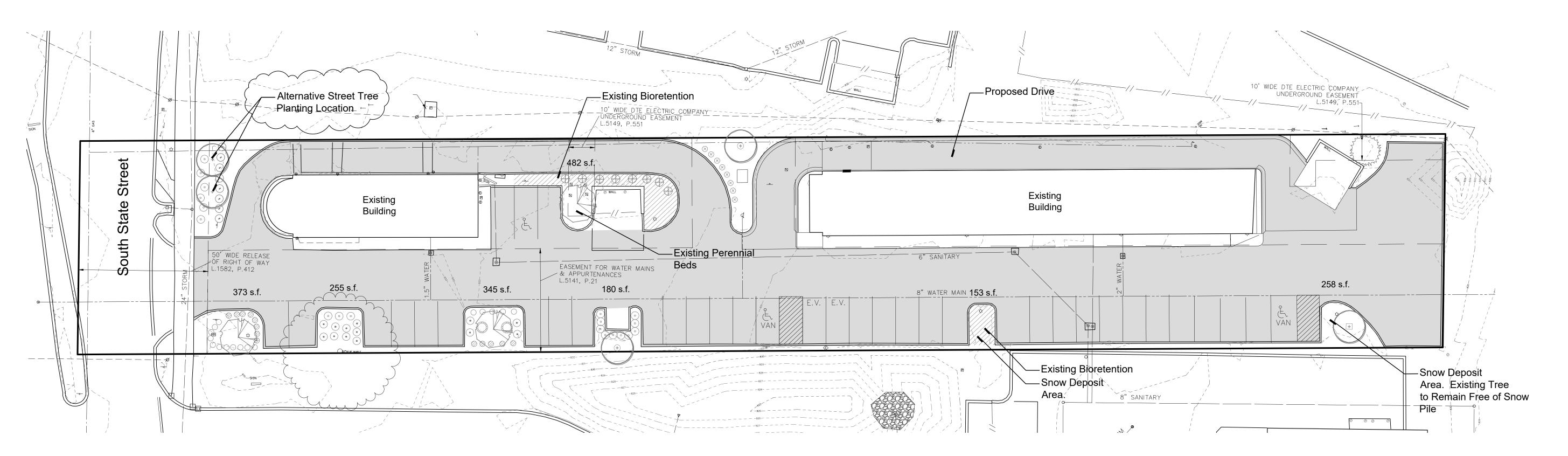


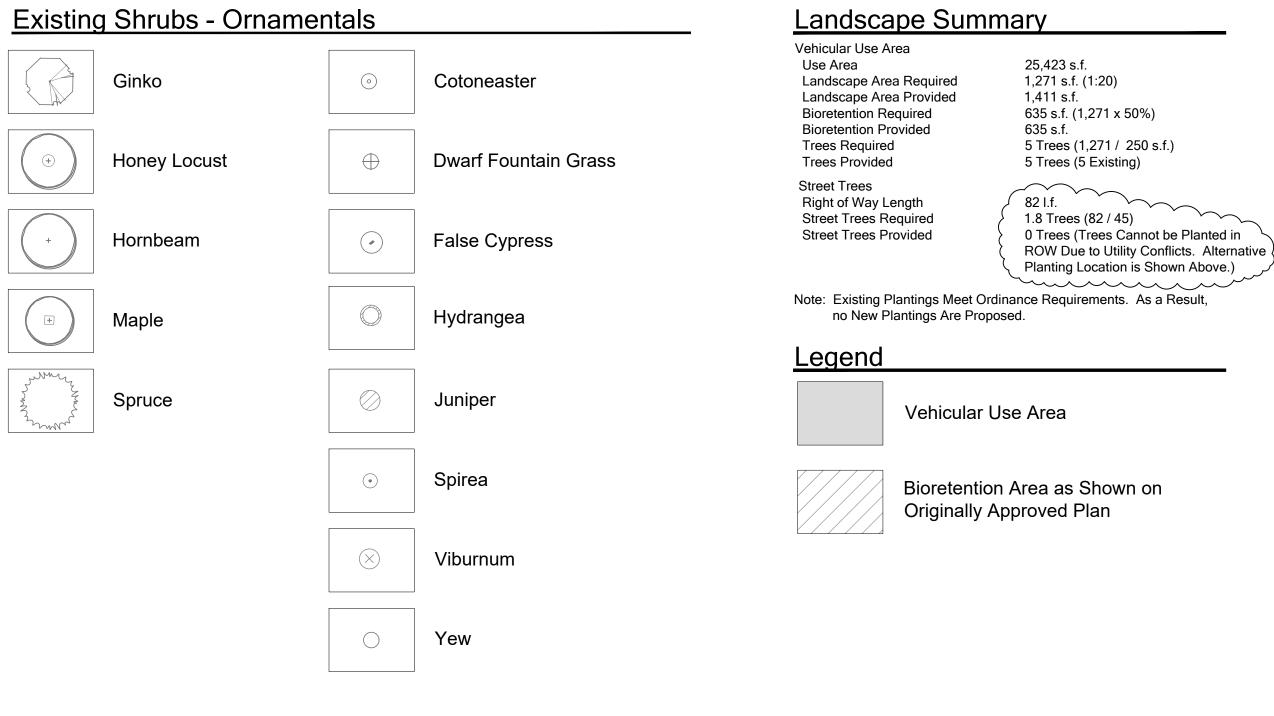
DATE: **11–17–2021** DRAWN BY: SD CHECKED BY: TG

-16-2023 SUBMITTAL

B-17-2022 SUBMITTAL

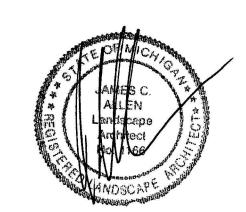
REVISED







Seal:



Title:

# Landscape Plan

Project:

3945 State Street Ann Arbor, Michigan

Prepared for:

Alpine Engineering 46892 West Road, Suite 109 Novi, Michigan 48337

Revision: Issued: Review March 25, 2022 Revised April 19, 2022 August 18, 2022 Revised

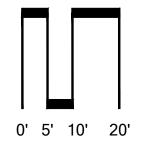
Job Number:

22-026

Drawn By:

Checked By:

jca



NORTH 1"=20'

Sheet No.



11.5"

WDGE LED Family Overview

Specifications

Height:

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance. WDGE2 delivers up to 6,000 lumens with a soft,

non-pixelated light source, creating a visually comfortable environment. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wallmounted lighting solution for pedestrian scale applications in any environment.

| Luminaire         | Standard EM, 0°C    | Cold EM20°C    | Sensor             |      |                   |         | Lumens (4000K) |          |            |         |
|-------------------|---------------------|----------------|--------------------|------|-------------------|---------|----------------|----------|------------|---------|
| Lummaire          | Standard EM, U C    | COULEM, 20 C   | Sensor             |      | P1 P2             |         | P3             | P4       | PS         | P6      |
| WDGE1 LED         | 4W                  | 100            |                    |      | 2,000             |         | e#3            | -        | #          | 990     |
| WDGE2 LED         | 10W                 | 18W            | Standalone / nLigh | it 1 | 1,200 2,000       |         | 3,000 4        | ,500     | 6,000      | 140     |
| WDGE3 LED         | 15W                 | 18W            | Standalone / nLigh | it 7 | 7,500 8,500       | 1       | 10,000 12      | 000,3    |            | 878     |
| WDGE4 LED         |                     | ) <del>)</del> | Standalone / nLigh | it 1 | 2,000 16,000      |         | 18,000 20      | 0,000    | 22,000     | 25,000  |
| Ordering          | Information         | n /            |                    |      | EXAM              | MPLE: W | DGE2 LED P     | 3 40K 80 | OCRI VF MV | OLT DDI |
| Ordering<br>eries | Information Package |                | Color Temperature  | CRI  | EXAN Distribution | APLE: W | DGE2 LED P     | 3 40K 80 | OCRI VF MV | OLT DDI |

Standalone Sensors/Controls (only available with P15W, P25W & P35W)

| Options         |  |   |
|-----------------|--|---|
| E4WH            | Emergency battery backup, CEC compliant (4W, 0°C min)  |   |
| E10WH           | Emergency battery backup, CEE compliant (10VV, 5°C min)  |   |
| E20WC           | Emergency battery backup, CEC compliant (18W20°C min)  |   |
| PE <sup>4</sup> | Photocell, Button Type   |   |
| DS.5            | Dual switching (comes with 2 drivers and 2 light engines;<br>see page 3 for details)                 |   |
| DMG             | 0-10V dimming wires pulled outside fixture (for use with<br>an external control, ordered separately) |   |
| BCE             | Bottom conduit entry for premium back box (PBBW). Total  | 1 |

LITHONIA LIGHTING

Specifications

Height:

Width:

Bi-level (100/35%) motion sensor for 8-15' mounting heights, intended for use on switched circuits with external dusk to dawn switching, Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell preprogrammed for dusk to dawn operation. PIRH1FC3V Bi-level (100/35%) motion sensor for 15-30'mounting heights with photocell pre-Networked Sensors/Controls (only available with P15W, P25W & P35W)

NLTAIR2 PIR nLightAIR Wireless enabled bi-level motion/ambient sensor for 8-15' mounting heights. NLTAIR2 PIRH nLightAIR Wireless enabled bi-level motion/ambient sensor for 15-30' mounting heights.

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Rev. 01/07/20

DDBXD Dark bronze DBLXD Black

DWHXD White

DSSXD Sandstone

DBLBXD Textured black

DSSTXD Textured sandstone

DNAXD Natural aluminum

DDBTXD Textured dark bronze

DNATXD Textured natural aluminum DWHGXD Textured white

WDGE3 LED Architectural Wall Sconce

or or

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance. WDGE3 has been designed to deliver up to 2,000 lumens through a precision refractive lens with wide distribution, perfect for augmenting the

lighting from pole mounted luminaires.

|           | Television and the same | 200000000000000000000000000000000000000 |                     |        |        | Lumens | (4000K) |        |       |
|-----------|-------------------------|---|---------------------|--------|--------|--------|---------|--------|-------|
| Luminaire | Standard EM, 0°C        | Cold EM, -20°C                          | Sensor              | P3     | P2     | P3     | P4      | P5     | P6    |
| WDGE1 LED | 4W                      | (27)                                    | 340                 | 1,200  | 2,000  | ( ***  | -       |        | (**)  |
| WDGE2 LED | 10W                     | 18W                                     | Standalone / nLight | 1,200  | 2,000  | 3,000  | 4,500   | 6,000  | -     |
| WDGE3 LED | 15W                     | 18W                                     | Standalone / nLight | 7,500  | 8,500  | 10,000 | 12,000  |        | - 20  |
| WDGE4 LED | **                      | (10)                                    | Standalone / nLight | 12,000 | 16,000 | 18,000 | 20,000  | 22,000 | 25,00 |

| Series    | Package              | Color Temperature                   | CRI   | Distribution   | Voltage               | Mounting  |   |
|-----------|----------------------|-------------------------------------|-------|--|-----------------------|---|---|
| WDGE3 LED | P1<br>P2<br>P3<br>P4 | 30K 3000K<br>40K 4000K<br>50K 5000K | 70CRI | R2 Type 2<br>R3 Type 3<br>R4 Type 4<br>RFT Forward Throw | MVOLT<br>3471<br>4801 | Shipped included<br>SRM Surface mounting<br>bracket | Shipped separately  AWS 3/Binch Architectural wall spacer  BBW Surface-mounted back box  PBBW Premium surface-mounted back box (top, left, right conduit entry) |

| ptions          |   |              |  |                                     |                                   | Finish |                       |
|-----------------|---|--------------|--|-------------------------------------|-----------------------------------|--------|-----------------------|
| E15WH           | Emergency battery backup, CEC compliant                           | Standalone S | ensors/Controls  |                                     | Advanced the Francisco of Pro-    | DDBXD  | Dark bronze           |
|                 | (15W, 5°C min)  | PIR          |  | nsor for 8-15' mounting heights.    | Intended for use on switched      | DBLXD  | Black                 |
| E20WC           | Emergency battery backup, CEC compliant                           | - Lasteria   | circuits with external dusk to d                         |                                     |                                   | DNAXD  | Natural aluminum      |
|                 | (18W, -20℃ min)   | PIRH         |  | nsor for 15-30' mounting height     | s. Intended for use on switched   | DWHXD  | White                 |
| PE <sup>3</sup> | Photocell, Button Type  |              | circuits with external dusk to d                         |                                     |                                   | DSSXD  | Sandstone             |
| DMG3            | 0-10V dimming wires pulled outside                                | PIR1FGV      | Bi-level (100/35%) motion sen<br>dusk to dawn operation. | sor for 8-15' mounting heights w    | vith photocell pre-programmed for | DDBTXD | Textured dark bronze  |
|                 | fixture (for use with an external control,<br>ordered separately) | PIRH1FGV     |  | irea for 15, 30' mountless heliaber | with photocell pre-programmed     | DBLBXD | Textured black        |
| BCE             | Bottom conduit entry for premium back                             | PINITIFGY    | for dask to dawn operation.                              | sor for 13-30 mounting heading.     | with photocen pre-programmed      | DNATXD | Textured natural alum |
| Der             | box (PBBW), Total of 4 entry points,                              | Networked S  | ensors/Controls  |                                     |                                   | DWHGXD | Textured white        |
| SPD10KV         | 10kV Surge pack   | NLTAIR2 PIR  |  | evel motion/ambient sensor for 8    | 2 3Ct-months bright               | DSSTXD |                       |
| Je D Ione       | tore surge piece  |              |  |                                     |                                   | DSSTAD | Textured sandstone    |
|                 |   | NLTAIR2 PIRH | nLightAlk Wineless enabled bi-li                         | evel motion/ambient sensor for 1    | 15–30 mounting heights.           |        |                       |

See page 4 for out of box functionality

LIGHTING.

Accessories 347V and 480V not available with E15WH and WDGEAWS DDBXD U WDGE 3/Binch Architectural Wall Spacer (specify finish) 2 PE not available in 480V and with sensors/controls WDGE3P88W DDBXD U WDGE3 Premium surface-mounted back box (specify finish) 3 DMG option not available with sensors/controls. COMMERCIAL OUTDOOR One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com LITHONIA

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D-Series Size 0 ED Area Luminaire Specifications 

Weight

A+ Capable options indicated by this color background.

COMMERCIAL OUTDOOR

Introduction The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 400W metal halide with typical energy savings of 70% and expected service life of over 100,000 hours.

Schedule

D

 $^{+}0.0$   $^{+}0.0$   $^{+}0.0$   $^{+}0.0$   $^{+}0.0$   $^{+}0.0$   $^{+}0.0$   $^{+}0.2$   $^{+}0.3$   $^{+}0.3$   $^{+}0.4$   $^{*}0.5$ 

| DSX0 LED |                |   |    |                   |                            |         |   |  |   |   |  |   |
|----------|----------------|---|----|-------------------|----------------------------|---------|---|--|---|---|--|---|
| Series   | LEDs           |   |    | Color to          | mperature                  | Distrib | ution   |  |   | Voltage   | Mounting   |   |
| DSXO LED | P1<br>P2<br>P3 | P4<br>P5<br>P6<br>ed optics<br>P12!<br>P13! | P7 | 30K<br>40K<br>50K | 3000 K<br>4000 K<br>5000 K | 2.50790 | Type I short (Automotive) Type II short Type II medium Type III short Type III medium Type IV medium Type IV medium Type V very short | TSS<br>TSM<br>TSW<br>BLC<br>LCCO<br>RCCO | Type V short? Type V medium? Type V medium? Type V wide? Backlight control! Left corner cutoff? Right comer cutoff? | MVOLT 45<br>120 <sup>5</sup><br>208 <sup>5</sup><br>240 <sup>5</sup><br>277 <sup>5</sup><br>347 <sup>56</sup><br>480 <sup>5,6</sup> | Shipped include<br>SPA<br>RPA<br>WBA<br>SPUMBA<br>RPUMBA<br>Shipped separa<br>KMA8 DOBXD U | Square pole mounting<br>Round pole mounting<br>Wall bracket <sup>3</sup><br>Square pole universal mounting adaptor<br>Round pole universal mounting adaptor |

|                     | P11 <sup>1</sup> P13 <sup>1</sup>  | T4M Type IV med<br>TFTM Forward thr<br>TSVS Type V very | ow medium  | RCCO Right corner cutoff <sup>1</sup>  | 347 <sup>5,6</sup><br>480 <sup>5,6</sup>     | Shipped separately<br>KMA8 DDBXD U Ma   |   | al mounting adapto<br>g bracket adaptor  |
|---------------------|--|---|--|--|--|---|---|--|
| Control op          | otions   | ,   |  |  | Other opti                                   | ons   | Finish  | ,1112  |
| Shipped             | Control of the Contro | PIR   |  | tion/ambient sensor, 8–15' mounting<br>int sensor enabled at 5fc 15.16   | Shipped                                      |   | DDBXD   | Dark bronze  |
| PIRHN PER PERS PER7 | nLight AIR generation 2 enabled ***  Network, high/low motion/ambient sensor**  NEMA twist-lock receptacle only (control ordered separate) **  Five-pin receptacle only (control ordered separate) **  Seven-pin receptacle only (leads exit fixture) (control ordered separate) **  O-10V dimming extend out back of housing for external control   | PIRH PIR1FC3V PIRH1FC3V FAO                             | High/low, mo<br>height, ambie<br>High/low, mo<br>height, ambie<br>High/low, mo | tion/ambient sensor, 15-30' mounting<br>int sensor enabled at 5fc "N"<br>tion/ambient sensor, 8-15' mounting<br>int sensor enabled at 1fc "N"<br>tion/ambient sensor, 15-30' mounting<br>int sensor enabled at 1fc "N" | SF Si<br>DF Do<br>L90 Le<br>R90 Ri<br>DOL Di | ouse-side shield " nogle fuse {120, 277, 347V}   nuble fuse {208, 240, 480V}   ft rotated optics   ght rotated optics   ffused drop lens   separately | DBLXD<br>DNAXD<br>DWHXD<br>DDBTXD<br>DBLBXD<br>DNATXD | Black<br>Natural aluminum<br>White<br>Textured dark bron<br>Textured black<br>Textured natural<br>aluminum |
|                     | (control ordered separate) <sup>14</sup>   |   | 7  |  | BS Bi  | nd spikes <sup>ro</sup><br>nt spikes <sup>ro</sup><br>stemal glare shield   | DWHGXD  | Textured white   |

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Mounting Symbol Label Quantity | Manufacturer | Description Height DSX0 LED AREA LIGHT 4000K LED 25'-0" Lithonia Lighting OSX0 LED P2 40K TFTM MVOLT LED 25'-0" ith houseside shield Lithonia Lighting WDGE2 LED WALL MOUNTED 14'-0" Lithonia Lighting 14'-0"

LIGHT 4000K

| Statistics    |        |        |        |        |         |         |         |
|---------------|--------|--------|--------|--------|---------|---------|---------|
| Description   | Symbol | Avg    | Max    | Min    | Max/Min | Avg/Min | Avg/Max |
| PROPERTY LINE | +      | 0.4 fc | 0.9 fc | 0.0 fc | N/A     | N/A     | 0.4:1   |
| SITE          | ж      | 1.6 fc | 5.8 fc | 0.3 fc | 19.3:1  | 5.3:1   | 0.3:1   |

Plan View Scale - 1" = 30ft

\\\\^{\dagger}\_{0.0} \\^{\dagger}\_{0.0} \\^{\dagger

+0.0 +0.0

\*\*O.O \*\*O.O

OLZ OLA TOLE STANISHER LEASE 9 O.9 TOLE STANISHE

+ 0.0 + 0

0.7 0.5 0.5 0.0 0.0 0.0 0.7 0.6 0.4 0.4 0.6

**Alternates Note** 

THE USE OF FIXTURE ALTERNATES MUST BE RESUBMITTED TO THE CITY FOR APPROVAL.

09-12-09-301-012

Ordering Note FOR INQUIRIES CONTACT GASSER BUSH AT QUOTES@GASSERBUSH.COM OR 734-266**Drawing Note** 

HEIGHT.

**Mounting Height Note** 

THIS DRAWING WAS GENERATED FROM AN ELECTRONIC IMAGE FOR ESTIMATION PURPOSE ONLY. LAYOUT TO BE VERIFIED IN FIELD BY OTHERS.

MOUNTING HEIGHT IS MEASURED FROM GRADE TO

CALCULATED AS THE MOUNTING HEIGHT LESS BASE

FACE OF FIXTURE. POLE HEIGHT SHOULD BE

\*1.1 \*1,0 \*1.0 \*0.9 \*0.1 \*0.5 +0.4

\*1.5 \*1.5 \*1.5 \*1.5 \*1.1 \*0.9 0.7 +0.4

**General Note** 

1. SEE SCHEDULE FOR LUMINAIRE MOUNTING HEIGHT

2. CALCULATIONS ARE SHOWN IN FOOTCANDLES AT: 0' - 0"

THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING / FUTURE FIELD CONDITIONS. THIS LIGHTING LAYOUT REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS. MOUNTING HEIGHTS INDICATED ARE FROM GRADE AND/OR FLOOR UP.

THESE LIGHTING CALCULATIONS ARE NOT A SUBSTITUTE FOR INDEPENDENT ENGINEERING ANALYSIS OF LIGHTING SYSTEM SUITABILITY AND SAFETY. THE ENGINEER AND/OR ARCHITECT IS RESPONSIBLE TO REVIEW FOR MICHIGAN ENERGY CODE AND LIGHTING QUALITY COMPLIANCE.

UNLESS EXEMPT, PROJECT MUST COMPLY WITH LIGHTING CONTROLS REQUIRMENTS DEFINED IN ASHRAE 90.1 2013. FOR SPECIFIC INFORMATION CONTACT GBA CONTROLS GROUP AT ASG@GASSERBUSH.COM OR 734-266-6705.

P-1 PHOTOMETRICS

Designer JD/KB Date 04/28/2022 Scale Not to Scale Drawing No. #22-74954-V1 1 of 1