

# *OWOSSO*

## *Planning Commission*



*Regular Meeting*  
*6:30pm, Monday, December 11, 2017*  
*Owosso City Council Chambers*



## MEMORANDUM

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301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

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DATE: December 8, 2017  
TO: Chairman Wascher and the Owosso Planning Commission  
FROM: Susan Montenegro, Asst. City Manager / Director of Community Development  
RE: Regular Planning Commission Meeting: December 11, 2017

**The planning commission shall convene at 6:30 pm on Monday, December 11, 2017 in the city council chambers of city hall.**

Monday night's meeting has a site plan review for 912 S. Washington. The commission will continue the discussion of the attached draft language for Medical Marihuana Facilities within the city of Owosso. Please take a moment to read through the draft language; we have much to discuss!

Due to time constraints the CIP process will be pushed off until next month.

Please **RSVP for the meeting**. Feel free to contact me at 989.725.0544 if you have questions.

Enjoy your weekend!

Sue

**AGENDA**  
**Owosso Planning Commission**  
**Regular Meeting**  
Monday, December 11, 2017 at 6:30 p.m.  
Council Chambers – Owosso City Hall  
Owosso, MI 48867

CALL MEETING TO ORDER:

PLEDGE OF ALLEGIANCE:

ROLL CALL:

APPROVAL OF AGENDA: December 11, 2017

APPROVAL OF MINUTES: November 27, 2017

COMMUNICATIONS:

1. Staff memorandum.
2. PC minutes from November 27, 2017.
3. Site Plan Review Application – 912 S. Washington
4. Draft ordinance for Medical Marihuana.

COMMISSIONER/PUBLIC COMMENTS:

PUBLIC HEARING:

1. None.

SITE PLAN REVIEW:

1. 912 S. Washington

BUSINESS ITEMS:

1. None.

ITEMS OF DISCUSSION:

1. Draft ordinance language for Medical Marihuana Facilities Licensing. Look at proposed ordinance language and discuss.

COMMISSIONER/PUBLIC COMMENTS:

ADJOURNMENT: **Next meeting will be Monday, January 22, 2018**

**Commissioners, please call Sue at 725-0544 if you will be unable to attend the meeting on Monday, December 11, 2017.**

[The City of Owosso will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audiotapes of printed materials being considered at the meeting, to individuals with disabilities at the meeting/hearing upon seventy-two (72) hours notice to the City of Owosso. Individuals with disabilities requiring auxiliary aids or services should contact the City of Owosso by writing or calling the following: Amy Kirkland, City Clerk, 301 W. Main St, Owosso, MI 48867 (989) 725-0500]. The City of Owosso website is: [www.ci.owosso.mi.us](http://www.ci.owosso.mi.us)

**Affirmative Resolutions**  
**Owosso Planning Commission**  
**Regular Meeting**  
Monday, December 11, 2017 at 6:30 p.m.  
Council Chambers – Owosso City Hall  
Owosso, MI 48867

**Resolution 171211-01**

Motion: \_\_\_\_\_  
Support: \_\_\_\_\_

The Owosso Planning Commission hereby approves the agenda of December 11, 2017 as presented.

Ayes: \_\_\_\_\_  
Nays: \_\_\_\_\_

Approved: \_\_\_\_ Denied: \_\_\_\_

**Resolution 171211-02**

Motion: \_\_\_\_\_  
Support: \_\_\_\_\_

The Owosso Planning Commission hereby approves the minutes of November, 2017 as presented.

Ayes: \_\_\_\_\_  
Nays: \_\_\_\_\_

Approved: \_\_\_\_ Denied: \_\_\_\_

**Resolution 171211-03**

Motion: \_\_\_\_\_  
Support: \_\_\_\_\_

The Owosso Planning Commission hereby approves / denies the application for site plan review for 912 S. Washington Street, parcel # 050-651-039-006-00 as applied and attached hereto in plans dated December 1, 2017 based on the following criteria:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Ayes: \_\_\_\_\_  
Nays: \_\_\_\_\_

Approved: \_\_\_\_ Denied: \_\_\_\_

**Resolution 171211-04**

Motion: \_\_\_\_\_  
Support: \_\_\_\_\_

The Owosso Planning Commission hereby adjourns the December 11, 2017 meeting, effective at \_\_\_\_\_pm.

Ayes: \_\_\_\_\_  
Nays: \_\_\_\_\_

Approved: \_\_\_\_ Denied: \_\_\_\_

**MINUTES  
REGULAR MEETING OF THE OWOSSO PLANNING COMMISSION  
COUNCIL CHAMBERS, CITY HALL  
MONDAY, NOVEMBER 27, 2017 – 6:30 P.M.**

**CALL TO ORDER:** Chairman Wascher called the meeting to order at 6:30 p.m.

**PLEDGE OF ALLEGIANCE:** Recited.

**ROLL CALL:** Tanya Buckelew, Recording Secretary.

**MEMBERS PRESENT:** Chairman Wascher, Vice-Chair Livingston, Secretary Janae Fear, Commissioners Michelle Collison, Tom Cook, Jake Adams, Dan Law and Tom Taylor.

**MEMBERS ABSENT:** None

**OTHERS PRESENT:** Assistant City Manager Susan Montenegro, Building Official Brad Hissong, Code Enforcement Officer Walt McIlmurray.

**APPROVAL OF AGENDA:**  
**MOTION BY COMMISSIONER LIVINGSTON, SUPPORTED BY COMMISSIONER TAYLOR TO APPROVE THE AGENDA FOR NOVEMBER 27, 2017.**

**YEAS ALL. MOTION CARRIED.**

**APPROVAL OF MINUTES:**  
**MOTION BY COMMISSIONER COOK SUPPORTED BY COMMISSIONER LIVINGSTON TO APPROVE THE MINUTES FOR THE OCTOBER 23, 2017 MEETING.**

**YEAS ALL. MOTION CARRIED.**

**COMMUNICATIONS:**

1. Staff memorandum.
2. PC minutes from October 23, 2017.
3. Draft ordinance for Medical Marihuana
4. Medical Marihuana Facilities Opt In/Opt Out – Michigan Municipal League

**COMMISSIONER/PUBLIC COMMENTS**

None

**PUBLIC HEARING:**

None

**SITE PLAN REVIEW:**

None

**BUSINESS ITEMS:**

None

## **ITEMS OF DISCUSSION:**

1. Draft ordinance language for Medical Marihuana Facilities Licensing. Look at proposed ordinance language and discuss.
  - The Planning Commission Members need to decide on the following: Number of licenses, Types of licenses going to be allowed in the City, Put a cap (or not) on the number of types of licenses allowed and if there will be any distance restrictions on where the facilities can be located.
  - The draft ordinance is standard language, with the addition of the highlighted areas, which other cities have added to their specific ordinance language and has been included for planning commission to consider.
  - MSU has provided the language for the basis of the draft ordinance, some items are from the Act, and other items are from other communities.
  - Planning Commission Members are asked to look further into what areas (Zoning) they would want these locations. Measure distances. Would B-4 Zoning be appropriate? Overlay districts or not?
  - Suggestions to be made to the draft ordinance:
    - Remove Special Land Use Permits on page 9 and page 13
    - Applications would be handled at the Staff level
    - Start the ordinance with Definitions
    - Use the word Acts not MMMA to be consistent
    - Provisioning centers – suggest allow 4
    - Page 21 – remove Section 4.D (E) 4.
    - Look at other communities to see what they are doing as far as setting the hours that the provisioning centers can be opened
    - Liquor License language – possibly use that language for the annual renewal of the Medical Marihuana license

At the next meeting on December 11, 2017, the Planning Commission will go over the draft ordinance – page – by – page – to determine if the ordinance will be ready for presentation in January 2018.

2. CIP. Meeting date has been set for December 7, 2017 at 6:00 p.m. to begin the task of choosing forms to use in the CIP. Planning Commission Members, Assistant City Manager, Finance Director, and the Utilities Director to be present. A report will be presented at the December meeting.

## **COMMISSIONER/PUBLIC COMMENT:**

- Mark Hanna, Attorney, discussed current zoning and that overlay districts would bring risks. Take the path of least resistance. Suggested not to extend the distances out too far from residential as it would prohibit an industrial area from having growers.
- Allen Vandever spoke about distances from industrial areas and is asking to keep it at a minimum or it will be really limited on where these facilities can be located. Keep in the spirit of competition.
- Chuck Sanotor, Lansing and is licensed in Oregon for growing and processing. Wants to purchase building near Cargill. Has the resources and funds to qualify for all licenses. Would have the ability to obtain rehab grants for the building to be remodeled. Old buildings are good locations for grow facilities, with the ability to rehabilitate the old buildings. He would be able to employ 50 – 100 and would use local contractors for work to be done.

**ADJOURNMENT:**

**MOTION BY VICE-CHAIR LIVINGSTON, SUPPORTED BY COMMISSIONER TAYLOR TO ADJOURN AT 7:50 P.M. UNTIL THE NEXT MEETING ON DECEMBER 11, 2017.  
YEAS ALL, MOTION CARRIED.**

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Janae L. Fear, Secretary

**CITY OF OWOSSO PLANNING COMMISSION STAFF REPORT**

**MEETING DATE:** December 11, 2017  
**TO:** Planning commission  
**FROM:** Susan Montenegro, Asst. City Manager/Director of Community Development  
**SUBJECT:** Site plan approval

**PETITIONER’S REQUEST AND BACKGROUND MATERIALS**

**Location:** 912 S. Washington Street, Parcel # 050-651-039-006-00

**SURROUNDING LAND USES AND ZONING**

	CURRENT LAND USE	ZONING
North	Residential	R-1
East	Residential	R-1
South	Residential	R-1 Institutional use, Baker College
West	Mixed uses	R-2, OS-1, B-4

**COMPARISON CHART**

	REQUIRED	EXISTING	PROPOSED
Zoning	n/a	B-1	No change
Gross lot area	---	1.37 acres = 59,677 sq. ft.	No change
Max. Height of Structures	35’	Will build new structure at site	27.5’
Setbacks- Front yard Side yard Rear yard	15’ 10’ 10’	There is no structure in this location, no existing setbacks to measure	15’ 10’ 10’
Parking	21	15	27

**Planning and Zoning**

The issue of multiple zoning designations on this parcel was resolved when council approved the single zoning designation of B-1 on November 6, 2017. The submitted plan meets setback requirements for a B-1 zoning designation. Proposed parking meets required number of spaces.

**Building**

This office has completed the site review for the recently submittal for site plan at 912 S. Washington.

- In respects to zoning compliance all looks to be in order. The zoning district is B-1 with residential as an allowed principal use.
- Structure set backs are in order and compliant with the district regulations, the building height has

also been reviewed and found to be in compliance.

- This office has no outstanding issues with zoning.

### **Utilities / Engineering**

This office has completed the site review for the recently submittal for site plan at 912 S. Washington for the proposed new building and indoor playground.

- Proposed changes will have no impact to the city storm system. The noted measures for proposed storm sewer do not match scaling onto plans, but is not issue in this case.
- Please clarify if the plan is to connect the building downspouts to the internal drain system. Any proposed work inside city ROW and city storm system must be clearly illustrated in resubmittal, and future comment.
  - (Greg Petru, Kebs, Inc. clarified on 12/8/17 it is their intention to collect all 4 downspouts into a 6" pvc drain tile and connect to their internal drain system on site.)
- The plans as they appear at this time have no impact to city infrastructure or road.
- This office has no issues with the plan as submitted.

**CITY OF OWOSSO, MICHIGAN**

**SITE PLAN REVIEW APPLICATION AND CHECKLIST**

Approval of the site plan is hereby requested for the following parcel(s) of land in the City of Owosso. This application is submitted with three (3) copies of the complete site plan and payment of the appropriate review fees. Applicant shall also submit a digital version of the site plan to the community development director. Application must be filed least 25 days prior to a scheduled planning commission meeting for staff review and proper notices.

Accompanying any site plan required hereunder, the applicant shall provide from a licensed engineer soil borings at the proposed construction site to ascertain bearing capacity of foundations soils at the time of footing excavation to certify such soil conditions meet or exceed design capacity of the foundation to support the proposed structure. These requirements shall comply with policies of the City of Owosso, copies of which can be obtained from the Building Department.

The attached checklist has been completed to certify the data contained on the site plan. If the required data has not been provided, the appropriate box has been checked with a statement of explanation on why the data has not been provided. I understand that if my site plan is deemed to be incomplete, it may be returned by the City for revisions without being forwarded to the Planning Commission for consideration, until such time as the requirements have been adequately met. By signing this application, the applicant hereby grants full authority to the City of Owosso, its agents, employees, representatives and/or appointees to enter upon the undersigned lands/parcel(s) for the purposes of inspection and examination.

Application Filed On: 12-1-17

Application Transmitted by City On: \_\_\_\_\_

RECEIVED  
DEC 01 2017  
BY: *M. Moringio*

**Property Details:**

1. Name of Proposed Development: Indoor playground for ELITE EARLY LEARNING Center
2. Property Street Address: 912 S. Washington
3. Location of Property: On the (north, south, east, west side) of Washington Street, between at Gate St. and \_\_\_\_\_ Streets.
4. Legal Description of Property: (on site plan)
5. Site Area (in acres and square feet): 1.25 acres or 54,476 square feet
6. Zoning Designation of Property: Commercial - B1

**Ownership:**

1. Name of Title/Deed Holder: ELITE EARLY LEARNING CENTER, LLC
2. Address: 912 S. WASHINGTON ST., OWOSSO, MI. 48867
3. Telephone No: 989-723-3698
4. Fax No: \_\_\_\_\_
5. Email address: \_\_\_\_\_

**Applicant:**

1. Applicant (If different from owner above): MALLORY BUILDING CONTRACTORS LLC
2. Address: 8363 COLEMAN RD., HASLETT, MI. 48840
3. Telephone No: 517-339-3780
4. Fax No: 517-339-3790



## SITE PLAN REVIEW CHECKLIST

Mallory Building  
8363 Coleman Rd.  
Hazellett, MI: 48840

Check the appropriate line. If item is marked as 'not provided', attach detailed explanation.

Item	Provided	Not Provided
1. Site location Map.	<u>X</u>	<u>      </u>
2. North arrow, scale (one (1) inch equals fifty (50) feet if the subject property is less than three (3) acres and one (1) inch equals one hundred (100) feet if three (3) acres or more.	<u>      </u>	<u>      </u>
3. Revision dates.	<u>X</u>	<u>      </u>
4. Signature and Seal of Architect/Surveyor/Engineer.	<u>X</u>	<u>      </u>
5. Area of site (in acres and square feet).	<u>X</u>	<u>      </u>
6. Boundary of the property outlined in solid line.	<u>X</u>	<u>      </u>
7. Names, centerline and right-of-way widths of adjacent streets.	<u>X</u>	<u>      </u>
8. Zoning designation of property.	<u>X</u>	<u>      </u>
9. Zoning designation and use of adjacent properties.	<u>X</u>	<u>      </u>
10. Existing and proposed elevations for building(s) parking lot areas and drives.	<u>X</u>	<u>      </u>
11. Direction of surface water drainage and grading plan and any plans for storm water retention/detention on site.	<u>X</u>	<u>      </u>
12. Required setbacks from property lines and adjacent parcels.	<u>X</u>	<u>      </u>
13. Location and height of existing structures on site and within 100 feet of the property.	<u>      </u>	<u>X</u>
14. Location and width of existing easements, alleys and drives.	<u>X</u>	<u>      </u>
15. Location and width of all public sidewalks along the fronting street right-of-way and on the site, with details.	<u>X</u>	<u>      </u>
16. Layout of existing/proposed parking lot, with space and aisle dimensions.	<u>X</u>	<u>      </u>
17. Parking calculations per ordinance.	<u>X</u>	<u>      </u>
18. Location of all utilities, including but not limited to gas, water, sanitary sewer, electricity, telephone.	<u>X</u>	<u>      </u>
19. Soil erosion and sedimentation control measures during construction.	<u>X</u>	<u>      </u>
20. Location and height of all exiting/proposed fences, screens, walls or other barriers.	<u>      </u>	<u>X</u>
21. Location and details of dumpster enclosure and trash removal plan.	<u>      </u>	<u>X</u>
22. Landscape plan indicating existing/proposed trees and plantings along frontage and on the site.	<u>X</u>	<u>      </u>
23. Notation of landscape maintenance agreement.	<u>      </u>	<u>X</u>
24. Notation of method of irrigation.	<u>N/A</u>	<u>      </u>
25. Lighting plan indicating existing/proposed light poles on site, along site's frontage and any wall mounted lights.	<u>      </u>	<u>X</u>
a. Cut-sheet detail of all proposed light fixtures.	<u>X</u>	<u>      </u>
26. Architectural elevations of building (all facades). Identifying height, Materials used and colors.	<u>X</u>	<u>      </u>
27. Existing/proposed floor plans.	<u>X</u>	<u>      </u>
28. Roof mounted equipment and screening.	<u>N/A</u>	<u>      </u>
29. Location and type of existing/proposed on-site signage.	<u>      </u>	<u>X</u>
30. Notation of prior variances, if any.	<u>N/A</u>	<u>      </u>
31. Notation of required local, state and federal permits, if any.	<u>      </u>	<u>X</u>

32. Additional information or special data (for some sites only)

a. Environmental Assessment Study.

N/A

\_\_\_\_\_

b. Traffic Study. Trip Generation.

N/A

\_\_\_\_\_

c. Hazardous Waste Management Plan.

N/A

\_\_\_\_\_

33. For residential development: a schedule indicating number of dwelling units, number of bedrooms, gross and usable floor area, parking provided, total area of paved and unpaved surfaces.

N/A

\_\_\_\_\_

34. LLC establishments must have a current Plan of Operation.

N/A

\_\_\_\_\_

35. Is property in the floodplain?

N/A

\_\_\_\_\_

36. Will this require MDEQ permitting?

N/A

\_\_\_\_\_

37. Performance Bond – when required.

N/A

\_\_\_\_\_

\*Additional data deemed necessary to enable to completion of an adequate review may be required by the Planning Commission, City and/or its consultants.

# Mallory Building Contractors, LLC

8363 Coleman Rd., Haslett, MI. 48840  
Phone (517) 339-3780 Fax (517) 339-3790  
Email MalloryBuilding@aol.com

City of Owosso  
Community Development Department  
301 W. Main St.  
Owosso, MI. 48867

November 22, 2017

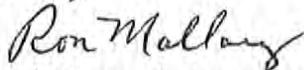
ATTN: Susan Montenegro

RE: Site Plan Review Checklist  
Elite Early Learning Center  
912 S. Washington St.  
Owosso, MI. 48867

Listed below are clarifications for items marked "not provided" on the checklist, with corresponding numbers.

13. The height of adjacent structures  
Homes (4) to the West range from 20-22'  
Home (1) to the North is 18'  
Daycare facility is 20'
20. Fencing is to remain as is except for the area of new building. The existing fencing (5' tall) at the North and West sides of the new building location will be removed. The existing fencing ranges between 3' and 5' (screened chain link material) and encompasses playground areas.
21. The dumpster for trash removal is located on the West end of the parcel, near Ball St. This is to remain in its' current location.
23. Any existing landscape maintenance agreement will remain in affect.
25. We will have wall packs for down lighting on the South side of the new building to light the parking area and the new building main entrance. All other existing site lighting to remain as is. Cut sheet is attached.
29. The existing signage is ground mounted on the corner of Washington and Gute, approx. 5' off the sidewalk, approx. 2.5' high by 4.5' in length. No additional signage is anticipated.
31. We will apply for all local permits as required. No additional State or Federal permits are required.

Sincerely,



Ron Mallory, Acting as owners agent  
Mallory Building Contractors

**LANDOWNER:**  
 ELITE EARLY LEARNING CENTER, LLC  
 912 S. WASHINGTON ST.  
 OWOSSO, MI 48867

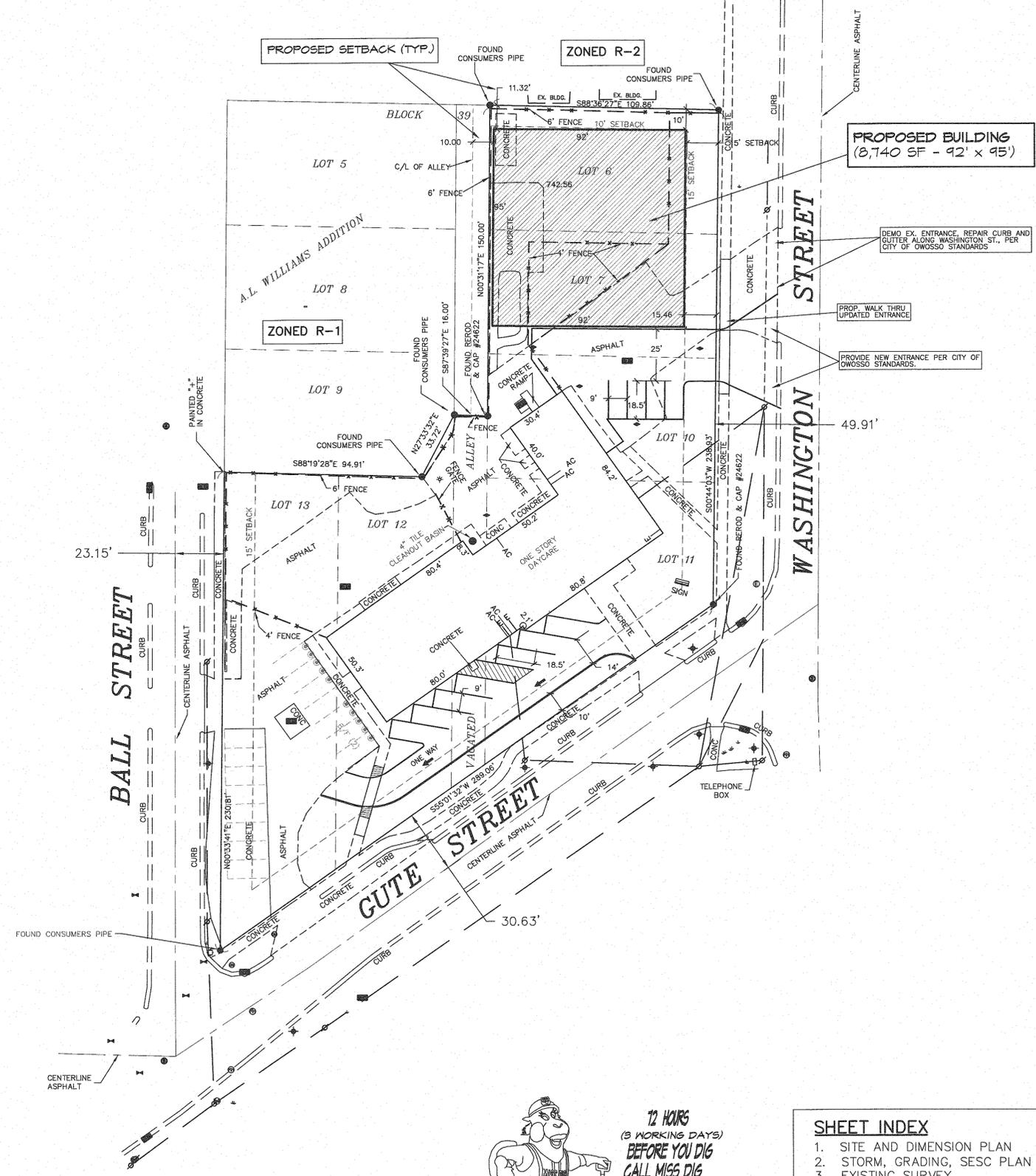
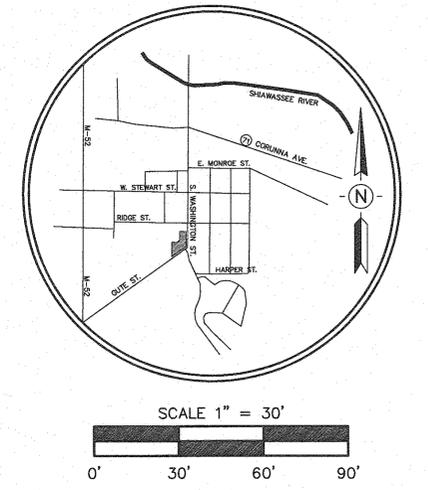
**ENGINEER/SURVEYOR:**  
 KEBS, Inc.  
 2116 HASLETT RD.  
 HASLETT, MI. 48840  
 PH: (517) 339-1014

# 912 S. WASHINGTON

CITY OF OWOSSO, SHIAWASSEE COUNTY, MICHIGAN

**SURVEY NOTE:** LAND SURVEY PROVIDED BY LANDMARK SURVEYING. EX. SURVEY PROVIDED AS PAGE 3 OF PLANS.

**DESCRIPTION (AS PROVIDED):** Lots 6 & 7, part of Lot 9 beginning 15 feet West of Southeast corner of Lot 9, thence East 15 feet, thence North 30 feet, thence Southwesterly to point of beginning, Lots 10, 11, 12 & 13, Block 39 A.L. Williams Addition, including vacated North-South alley from North line Gute Street to center of Lots 9 & 10.



- LEGEND:**
- = HYDRANT
  - ⊕ = WATER VALVE
  - ⊕ = GAS LINE FLAG
  - ⊕ = CATCH BASIN
  - ⊕ = SANITARY SEWER MANHOLE
  - ⊕ = POWER POLE
  - ⊕ = GTE MANHOLE
  - ⊕ = MONITOR VALVE
  - ⊕ = LIGHT POLE
  - ⊕ = STORM MANHOLE
  - ⊕ = ELECTRIC METER/OUTLET
  - AC = AC ELECTRIC BOX
  - ⊕ = PARKING BOLLARD
  - ⊕ = GUY WIRE
  - ⊕ = SIGN POST
  - ⊕ = FIBER OPTIC MARKER
- = OVERHEAD UTILITY LINE  
 --- = SANITARY SEWER LINE  
 --- = STORM SEWER LINE  
 --- = WATER MAIN  
 --- = FENCE

**SITE DATA**  
 PROPOSED BUILDING  
 TOTAL SITE AREA = 54,476 SF OR 1.25 ACRES  
 ZONED: B-1

**BUILDING SETBACKS (REQUIRED & PROPOSED)**  
 FRONT - 15 FEET (REQ.)  
 SIDES - 10 FEET  
 REAR - 10 FEET

**BUILDING/SITE DATA**  
 MAXIMUM BUILDING HEIGHT = 35 FT.  
 PROPOSED BUILDING SF = 8,740 SF  
 EXISTING BUILDING SF = 8,800 SF

**PARKING REQUIREMENTS**  
 NURSERY SCHOOLS/DAYCARE: (1) SPACE FOR EACH 350 SF OF USABLE FLOOR SPACE:  
 8,800 SF x 0.85% = 7,480 SF/350 SF = 21 = 21 SPACES (27 SHOWN)

**UTILITIES**  
 WATER: CITY PUBLIC WATER MAIN  
 SANITARY: CITY PUBLIC SANITARY  
 STORM: ON-SITE CITY

**NOTES**  
 - LOCATE UTILITIES PRIOR TO INSTALLATION (COORDINATE W/ ENGINEER)  
 - AS-BUILT UTILITY LOCATIONS & ELEVATIONS MUST BE DELIVERED TO THE CITY ENGINEER UPON COMPLETION OF THE PROJECT

**LIGHTING NOTE:** ANY NEW LIGHTING SHALL BE SHIELDED DOWNWARD AND CONFINED WITHIN THE PROPERTY. A PHOTOMETRIC PLAN SHALL BE PROVIDED FOR NEW LIGHTING.

**FLOODPLAIN/MDEQ NOTE:** IT IS NOT ANTICIPATED THAT ANY SITE WORK WILL REQUIRE A MDEQ PERMIT FOR WETLANDS OR FLOODPLAIN WORK. SITE IS NOT IN FLOODPLAIN

PROPERTY ADDRESS: 912 S. WASHINGTON ST., OWOSSO, MI  
 TAX ID#: 050-651-023-006-00



- SHEET INDEX**
- SITE AND DIMENSION PLAN
  - STORM, GRADING, SESC PLAN
  - EXISTING SURVEY
  - LANDSCAPE PLAN

REVISIONS

10-6-17 SUBMITTAL	DESIGNER: GAP	APPROVED BY: GAP
10-6-17 SUBMITTAL	DATE: 8-2-17	PROJECT MGR. GAP
11-16-17 SUBMITTAL	AUTHORIZED BY: RON MALLORY	JOB #: 92712
12-1-17 SUBMITTAL		

**KEBS, INC.** KYES ENGINEERING BRYAN LAND SURVEYS  
 2116 HASLETT ROAD, HASLETT, MI 48840  
 PH. 517-339-1014 FAX. 517-339-8047  
 Marshall Office Ph. 269-781-9800

**912 S. WASHINGTON**  
 SITE AND DIMENSION PLAN

STATE OF MICHIGAN  
 GREGORY A. PETRU  
 ENGINEER NO. 50968  
 12-1-17  
 LICENSED PROFESSIONAL ENGINEER

SURVEY#92350

**SOIL EROSION CONTROL NOTES:**

1. ALL SOIL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE CITY OF OWOSSO REQUIREMENTS AND PROJECT SPECIFICATIONS.
2. DAILY INSPECTIONS SHALL BE MADE BY THE CONTRACTOR TO DETERMINE EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES, AND ANY NECESSARY REPAIRS SHALL BE PERFORMED WITHOUT DELAY.
3. ANY EROSION OR SEDIMENT FROM WORK ON THIS SITE SHALL BE CONTAINED ON THE SITE AND NOT BE ALLOWED TO COLLECT ON ANY OFF-SITE AREAS, OR IN WATERWAYS; WATERWAYS INCLUDE BOTH NATURAL AND MANMADE OPEN DITCHES, STREAMS, STORM DRAINS, LAKES AND PONDS.
4. CONTRACTOR SHALL APPLY TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED AND AS DIRECTED ON THESE PLANS. HE SHALL REMOVE TEMPORARY MEASURES AS SOON AS PERMANENT STABILIZATION OF SLOPES, DITCHES AND OTHER EARTH CHANGES HAVE BEEN ESTABLISHED.
5. A MINIMUM 50' LONG BY 20' WIDE, 6" DEEP CLEAN STONE EXIT SHALL BE PROVIDED AT ALL CONSTRUCTION ENTRANCES. SHOULD THE STONE BECOME LESS EFFICIENT IT SHALL BE REPLACED. ALL CONSTRUCTION TRAFFIC WILL USE THE CLEAN STONE EXITS, UNLESS EXISTING ASPHALT ENTRANCES ARE USED.
6. DUST CONTROL WILL BE EXERCISED AT ALL TIMES WITHIN THE PROJECT BY THE CONTRACTOR. SPRINKLING TANK TRUCKS SHALL BE AVAILABLE AT ALL TIMES TO BE USED ON HAUL ROUTES OR OTHER PLACES WHERE DUST BECOMES A PROBLEM.
7. ALL MUD, DIRT AND DEBRIS TRACKED ONTO EXISTING ROADS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR NO LESS THAN ON A DAILY BASIS.

**SEQUENCE OF CONSTRUCTION**

1. INSTALL ALL TEMPORARY SILT FENCE PER PLAN AND AS SHOWN ON THE DETAIL SHEET.
2. CONSTRUCT TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT AS SHOWN ON THIS PLAN, OR USE EXISTING ASPHALT DRIVES.
3. INSTALL GEOTEXTILE FILTER FABRIC DROPS IN ALL CB'S IN CURB OR PAVED AREAS. USE ADVANCED INLET PROTECTION IN PLACE OF S58 AT ALL STRUCTURES IN SEEDED OR LAND SHAPE AREAS AND ALL OTHER STRUCTURES UNTIL CURB OR PAVEMENT HAS BEEN PLACED.
4. WHILE MAINTAINING A VEGETATIVE BUFFER WHENEVER POSSIBLE STRIP AND STOCKPILE TOPSOIL ABOVE AREAS OF PROPOSED EXCAVATION OR GRADING FOR LATER USE ON SITE. PLACE STOCKPILED TOPSOIL IN AREAS WHICH ARE NEITHER SUBJECT TO HIGH RUNOFF NOR ALONG STEEP SLOPES SEED AND MULCH STOCKPILES IMMEDIATELY TO PREVENT WIND BLOWN SEDIMENT POLLUTION AND EXCESSIVE DUST.
5. EXCAVATE FOR PROPOSED ROAD AND UTILITY CONSTRUCTION AS NECESSARY. DO NOT EXPOSE AREAS FAR IN ADVANCE OF THE PROPOSED CONSTRUCTION FOR THAT AREA. ROUGHEN AND SCARIFY EXPOSED SURFACES TO REDUCE RUNOFF VELOCITY AND SEDIMENTATION. MAINTAIN VEGETATION WHENEVER POSSIBLE TO PROVIDE A NATURAL BUFFER.
6. AFTER COMPLETION OF THE PROPOSED UTILITIES, INSTALL TEMPORARY SEDIMENT BARRIERS WITH SILT FENCE AROUND ALL DISTURBED AREAS.
7. INSTALL TEMPORARY STONE FILTER BERMS PERPENDICULAR TO EXPOSED STEEP SLOPES IF SHOWN AT SPECIFIC LOCATIONS ON THE PLANS OR AS MAY BE NEEDED DURING CONSTRUCTION. USE TEMPORARY STONE CHECK DAMS TO SLOW DOWN AND / OR DIVERT HEAVY RUNOFF IF SHOWN AT SPECIFIC LOCATIONS ON THE PLANS OR AS MAY BE NEEDED DURING CONSTRUCTION.
8. TOPSOIL, SEED, FERTILIZE AND MULCH ALL EXPOSED AREAS AS SOON AS FEASIBLE TO PROTECT AND RESTORE PERMANENT VEGETATION.
9. WATER EXPOSED GROUND REGULARLY TO CONTROL AIRBORNE PARTICULATE MATTER.
10. THE CONTRACTOR SHALL MAINTAIN ALL TEMPORARY AND PERMANENT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS AND UNTIL PERMANENT VEGETATION IS REESTABLISHED IN ALL EXPOSED AREAS. REMOVE ACCUMULATED SEDIMENT FROM ALL STRUCTURES.
11. THE SITE WILL BE PERIODICALLY INSPECTED BY THE CITY OF OWOSSO. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE RULES AND REGULATIONS OF THAT OFFICE.
12. UPON FINAL APPROVED INSPECTION OF THE COMPLETED CONSTRUCTION BY ALL REVIEWING AGENCIES, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL MEASURES.

**PROP. STORM SEWER INVENTORY:**

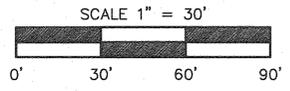
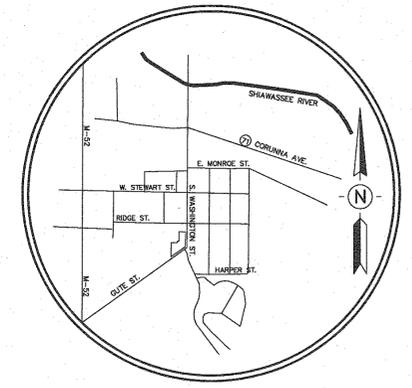
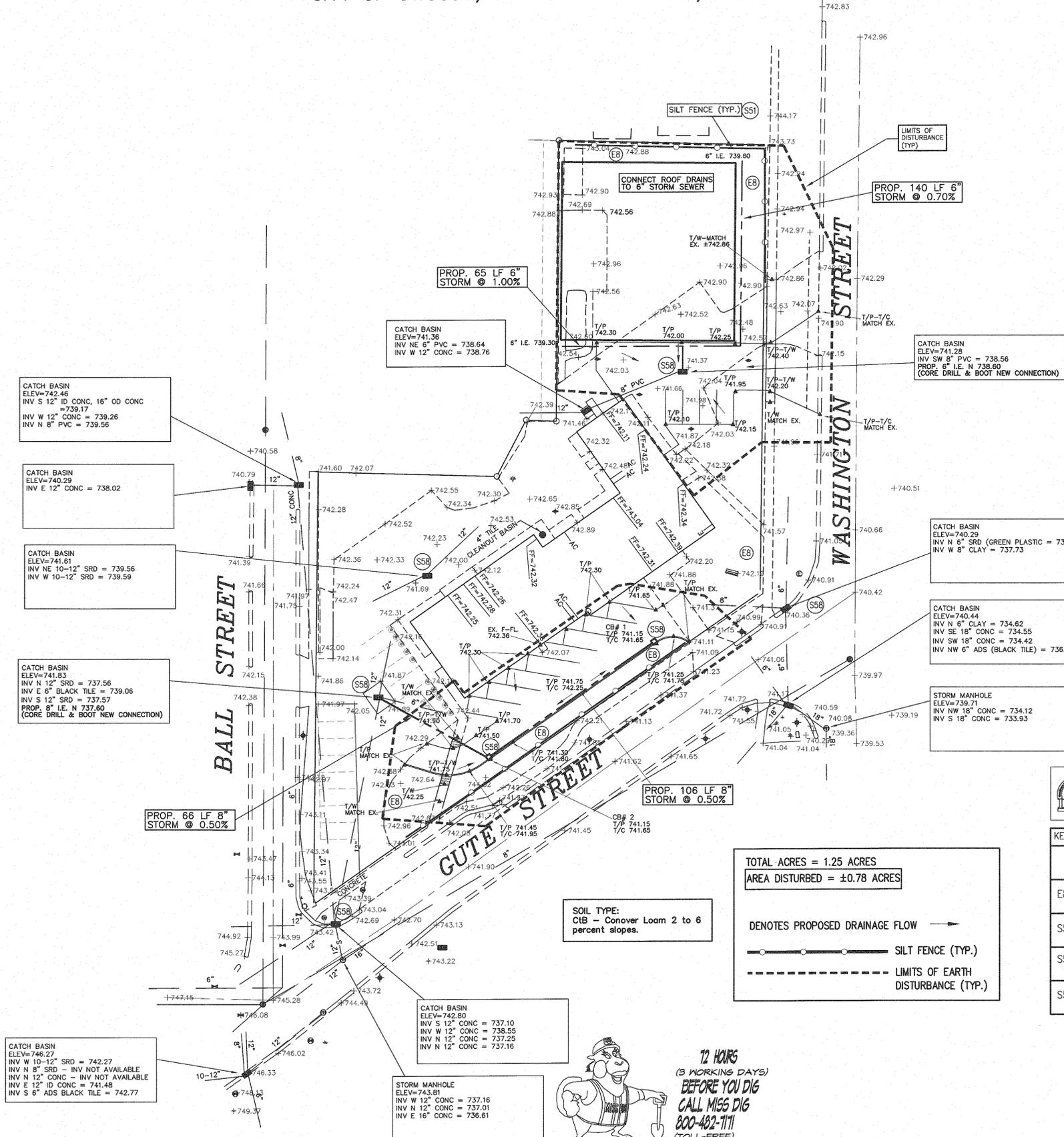
- CB# 1  
T/P 741.15  
T/CURB 741.65  
8" I.E. SW 738.46
- CB# 2  
T/P 741.15  
T/CURB 741.65  
8" I.E. NW/NE 737.93

**LEGEND:**

- =HYDRANT
  - ⊕ =WATER VALVE
  - ⊙ =GAS LINE FLAG
  - ⊞ =CATCH BASIN
  - ⊙ =SANITARY SEWER MANHOLE
  - ⊕ =POWER POLE
  - ⊙ =GTE MANHOLE
  - ⊕ =MONITOR VALVE
  - \* =LIGHT POLE
  - ⊙ =STORM MANHOLE
  - E =ELECTRIC METER/OUTLET
  - AC =AC ELECTRIC BOX
  - ⊙ =PARKING BOLLARD
  - ⊕ =GUY WIRE
  - ⊕ =SIGN POST
  - ⊙ =FIBER OPTIC MARKER
  - — — — — = OVERHEAD UTILITY LINE
  - — — — — = SANITARY SEWER LINE
  - — — — — = STORM SEWER LINE
  - — — — — = WATER MAIN
  - — — — — = FENCE
- +743.04 (DENOTES EX. ELEVATION)
- ▲ T/C 800.00 PROPOSED TOP OF CURB ELEV.
  - ▲ T/C 800.00 PROPOSED TOP OF GROUND ELEV.
  - ▲ T/P 800.00 PROPOSED TOP OF PAVT ELEV.
  - ▲ T/W 800.00 PROPOSED TOP OF WALK ELEV.

# 912 S. WASHINGTON

CITY OF OWOSSO, SHIAWASSEE COUNTY, MICHIGAN



CONSTRUCTION SCHEDULE & SEQUENCING:	2018											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
PLACE AND MAINTAIN TEMPORARY EROSION CONTROLS												
TOPSOIL STRIPPING & STOCKPIILING												
ON-SITE UTILITIES CONSTRUCTION												
SITE GRADING & EARTHWORK												
PARKING LOT CONSTRUCTION												
TOPSOIL SPREADING												
PERMANENT SEEDING												
FINAL INSPECTIONS & REMOVE TEMPORARY EROSION CONTROLS												

MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET  
S-E-S-C KEYING SYSTEM

KEY	BEST MANAGEMENT PRACTICES	SYMBOL	WHERE USED
E8	PERMANENT SEEDING		Stabilization method utilized on sites where earth change has been completed (final grading attained).
S51	SILT FENCE		Use adjacent to critical areas, to prevent sediment laden sheet flow from entering these areas.
S53	STABILIZED CONSTRUCTION ACCESS		Used at every point where construction traffic enters or leaves
S58	INLET PROTECTION FABRIC DROP		Use at stormwater inlets, especially at construction sites.

TOTAL ACRES = 1.25 ACRES  
AREA DISTURBED = ±0.78 ACRES

DENOTES PROPOSED DRAINAGE FLOW

— — — — — SILT FENCE (TYP.)

--- --- --- LIMITS OF EARTH DISTURBANCE (TYP.)

12 HOURS  
(3 WORKING DAYS)  
BEFORE YOU DIG  
CALL MISS DIG  
800-482-7171  
(TOLL-FREE)



REVISIONS		
10-6-17	SUBMITTAL	
10-6-17	SUBMITTAL	
11-16-17	SUBMITTAL	
12-1-17	SUBMITTAL	

**KEBS, INC.** KYES ENGINEERING  
BRYAN LAND SURVEYS  
2116 HASLETT ROAD, HASLETT, MI 48840  
PH. 517-339-1014 FAX. 517-339-8047

Marshall Office  
Ph. 269-781-9800

**912 S. WASHINGTON**  
STORM, GRADING & SESC PLAN

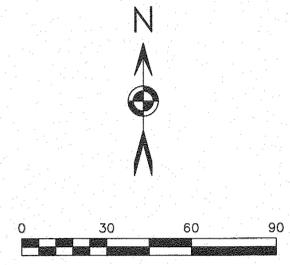
SCALE: 1" = 30' DESIGNER: G.A.P. APPROVED BY: G.A.P.  
DATE: 8-2-17 PROJECT MGR. SHEET 2 OF 4  
AUTHORIZED BY: RON MALLORY JOB #: 92712

JOB NO.  
26794

SCALE  
1" = 30'

DATE  
09/29/2017

DESCRIPTION (AS PROVIDED): Lots 6 & 7, part of Lot 9 beginning 15 feet West of Southeast corner of Lot 9, thence East 15 feet, thence North 30 feet, thence Southwesterly to point of beginning, Lots 10, 11, 12 & 13, Block 39 A.L. Williams Addition, including vacated North-South alley from North line Gute Street to center of Lots 9 & 10.



LANDMARK SURVEYING  
 (608) 725-8725  
 P.O. BOX 725-2422  
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TOPOGRAPHICAL SURVEY  
 CITY OF OWOSSO,  
 SHIAWASSEE COUNTY,  
 MICHIGAN

RUGGED LINER  
 ATTN: RUSS WAHL  
 200 UNIVERSAL DRIVE  
 OWOSSO, MI 48867

**LEGEND:**

- = HYDRANT
  - ⊕ = WATER VALVE
  - = GAS LINE FLAG
  - = CATCH BASIN
  - = SANITARY SEWER MANHOLE
  - ⊗ = POWER POLE
  - ⊙ = GTE MANHOLE
  - ◆ = MONITOR VALVE
  - \* = LIGHT POLE
  - ⊕ = STORM MANHOLE
  - ⊖ = ELECTRIC METER/OUTLET
  - AC = AC ELECTRIC BOX
  - = PARKING BOLLARD
  - + = GUY WIRE
  - ⊕ = SIGN POST
  - = FIBER OPTIC MARKER
- 
- = OVERHEAD UTILITY LINE
  - = SANITARY SEWER LINE
  - = STORM SEWER LINE
  - = WATER MAIN
  - = FENCE

CATCH BASIN  
ELEV=742.48  
INV S 12" ID CONC, 16" OD CONC = 739.17  
INV W 12" CONC = 739.26  
INV N 8" PVC = 739.56

CATCH BASIN  
ELEV=740.29  
INV E 12" CONC = 738.02

CATCH BASIN  
ELEV=741.61  
INV NE 10-12" SRD = 739.56  
INV W 10-12" SRD = 739.59

CATCH BASIN  
ELEV=741.83  
INV N 12" SRD = 737.56  
INV E 6" BLACK TILE = 739.06  
INV S 12" SRD = 737.57

CATCH BASIN  
ELEV=746.27  
INV W 10-12" SRD = 742.27  
INV N 8" SRD - INV NOT AVAILABLE  
INV N 12" CONC - INV NOT AVAILABLE  
INV E 12" ID CONC = 741.48  
INV S 6" ADS BLACK TILE = 742.77

CATCH BASIN  
ELEV=742.80  
INV S 12" CONC = 737.10  
INV W 12" CONC = 738.55  
INV N 12" CONC = 737.25  
INV N 12" CONC = 737.16

STORM MANHOLE  
ELEV=743.81  
INV W 12" CONC = 737.16  
INV N 12" CONC = 737.01  
INV E 16" CONC = 736.61

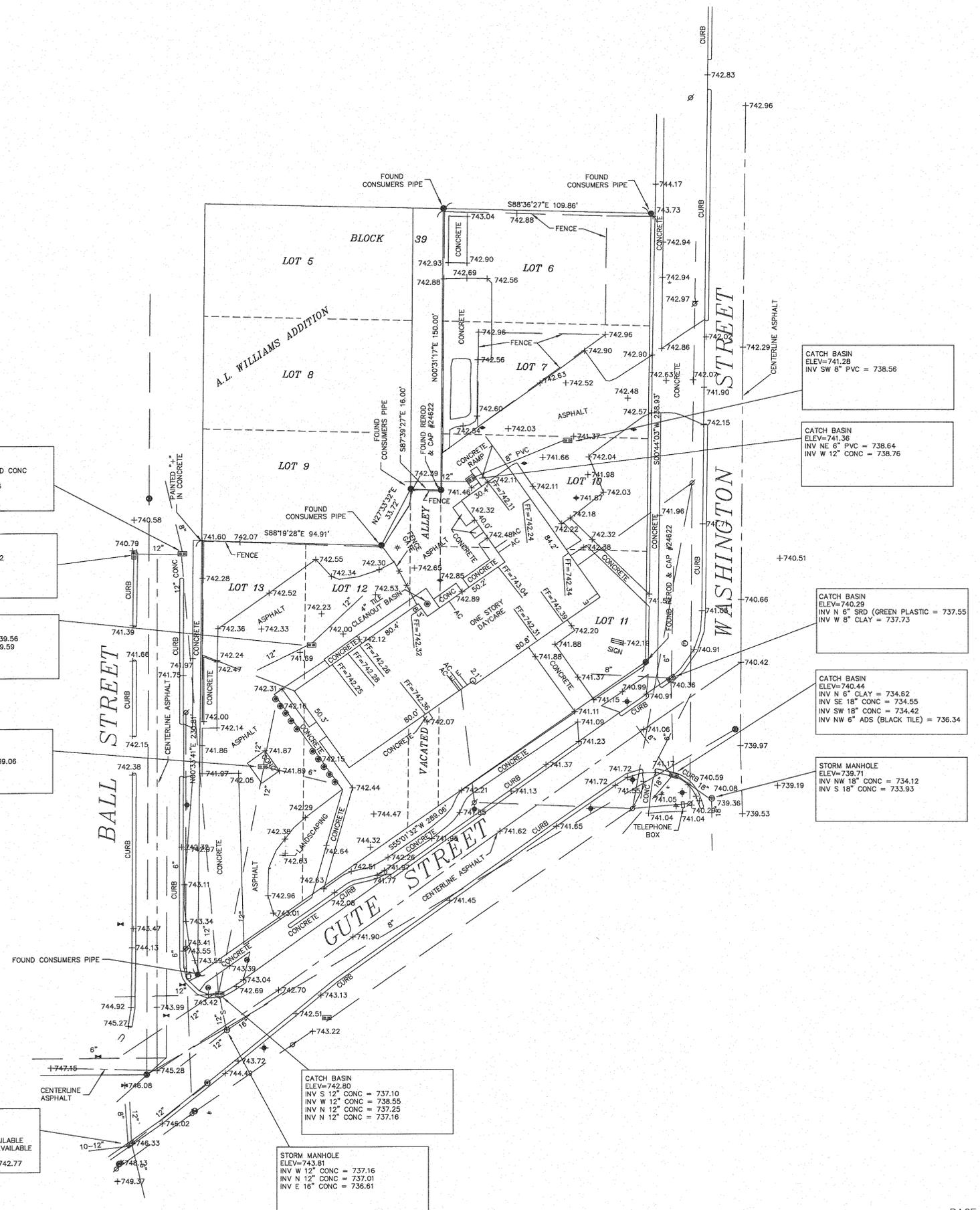
CATCH BASIN  
ELEV=741.28  
INV SW 8" PVC = 738.56

CATCH BASIN  
ELEV=741.36  
INV NE 6" PVC = 738.64  
INV W 12" CONC = 738.76

CATCH BASIN  
ELEV=740.29  
INV W 6" SRD (GREEN PLASTIC) = 737.55  
INV W 8" CLAY = 737.73

CATCH BASIN  
ELEV=740.44  
INV N 6" CLAY = 734.62  
INV SE 18" CONC = 734.55  
INV SW 18" CONC = 734.42  
INV NW 6" ADS (BLACK TILE) = 736.34

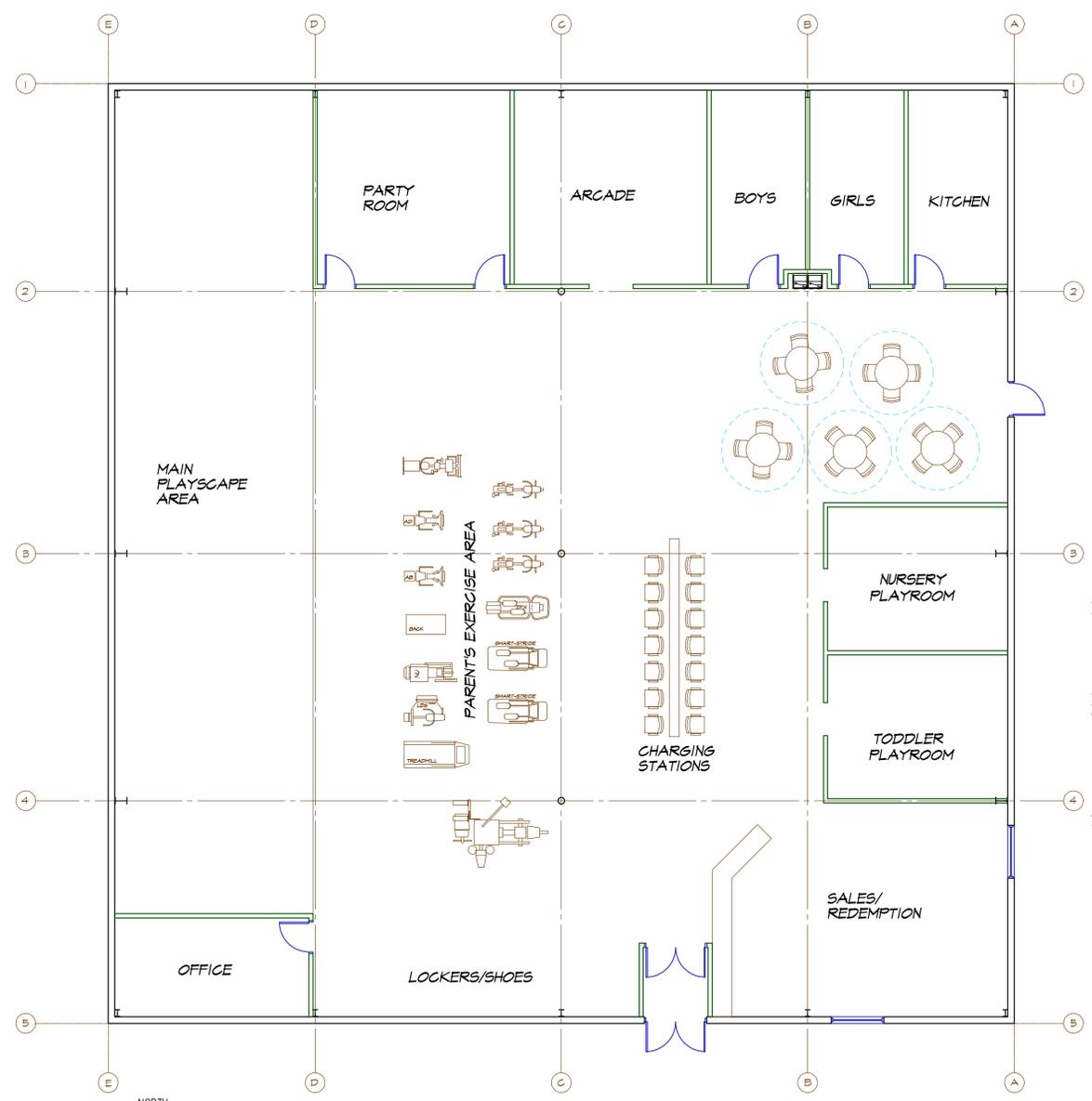
STORM MANHOLE  
ELEV=739.71  
INV NW 18" CONC = 734.12  
INV S 18" CONC = 733.93



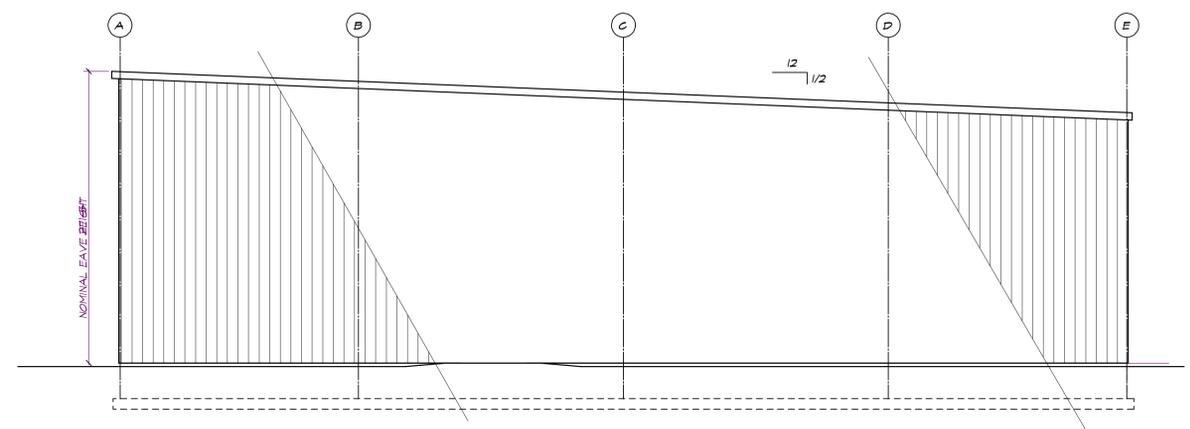
MARK L. VANRAEMDONCK  
PS NO. 24622

DATE

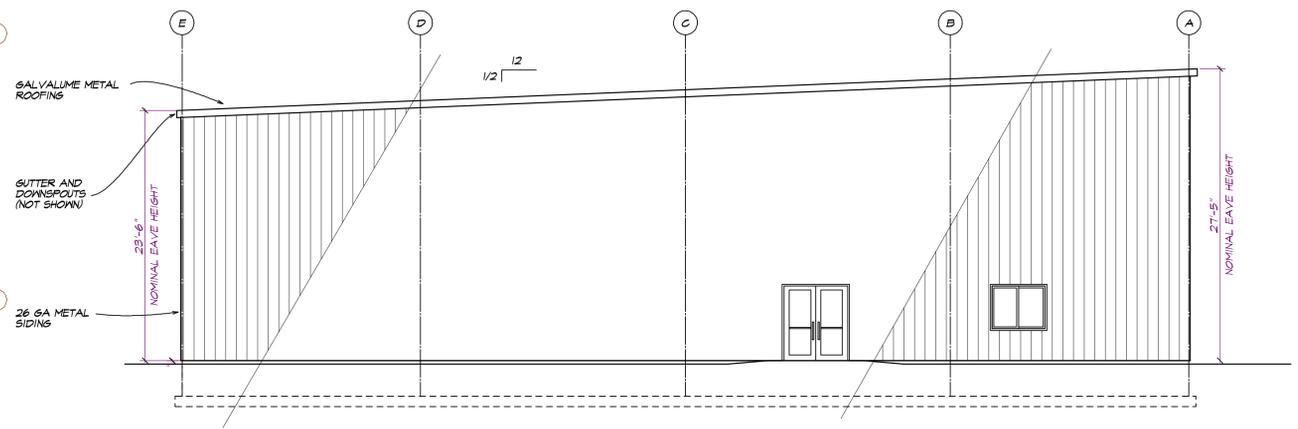




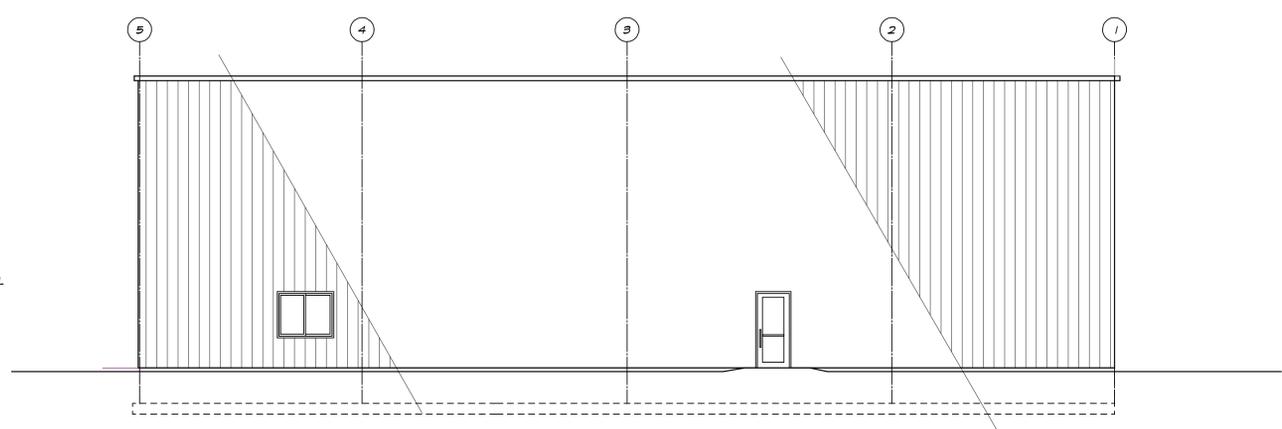
**SCHEMATIC PLAN**  
 NORTH  
 SCALE: 1/8" = 1'-0"  
 0' 5' 10' 25'



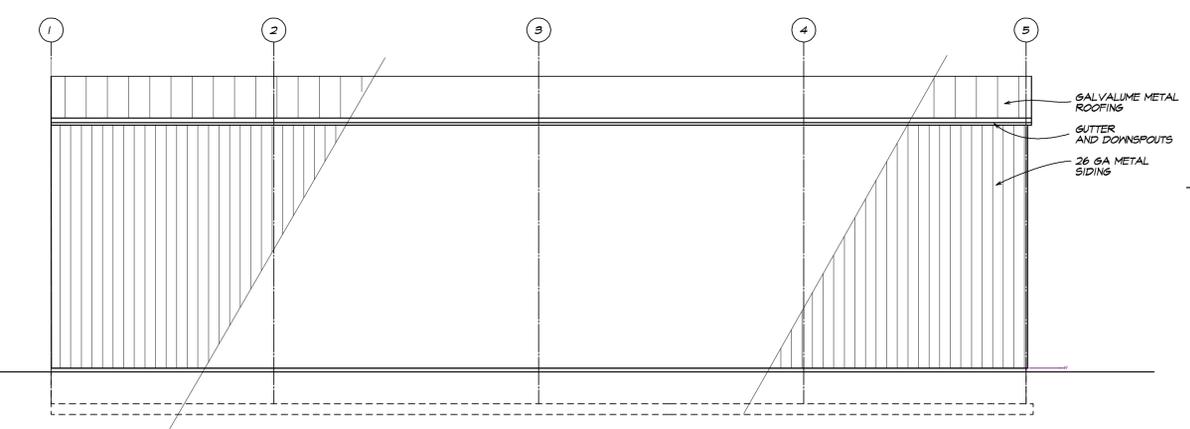
**NORTH ELEVATION**  
 SCALE: 1/8" = 1'-0"



**SOUTH ELEVATION**  
 SCALE: 1/8" = 1'-0"



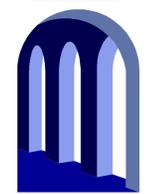
**EAST ELEVATION**  
 SCALE: 1/8" = 1'-0"



**WEST ELEVATION**  
 SCALE: 1/8" = 1'-0"

DRAWN BY:  
 FBH  
 VERSION: DEAD V. 17  
 PLOT DATE:  
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 (517) 290-6780  
 pete@Rockwood3.com

		LATEST DATE: FOR REVIEW W 29 NOV 2017	SHEET TITLE SCHEMATIC PLAN AND ELEVATIONS
		PROJECT NUMBER 17-79	SHEET NO. A-1

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Feedback

# D-Series Wall Size 1

SHARE



## D-Series Wall Pack LED Outdoor Size 1

<http://www.acuitybrandslighting.com/Library//ll/images/photogallery/DSX>

### Intended Use

The energy savings, long life and easy-to-install design of the D-Series Wall products make them the smart choice for building-mounted doorway and pathway illumination for nearly any facility.

### Construction

Two-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance. The LED driver is mounted to the door to thermally isolate it from the light engines for low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants.

### Finish

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in textured and non-textured finishes.

### Optics

Precision-molded proprietary acrylic lenses provide multiple photometric distributions tailored specifically to building mounted applications. Light engines are available in 3000K (80 min. CRI), 4000K (70 min. CRI) or 5000K (65 min. CRI) configurations.

### Electrical

Light engine(s) consist of 10 high-efficacy LEDs mounted to a metal-core circuit board to maximize heat dissipation and promote long life (up to L88/100,000 hrs at 25°C). Class 1 electronic drivers have a power factor >90%, THD <20%, and an expected life of 100,000 hours. Surge protection device meets a minimum Category C Low (per ANSI/IEEE C62.41.2).

### Installation

Included universal mounting bracket attaches securely to any 4" round or square outlet box for quick and easy installation. Luminaire has a slotted gasket wireway and attaches to the mounting bracket via corrosion-resistant screws.

### Listings

CSA certified to U.S. and Canadian standards. Rated for -40°C minimum ambient.

Warranty: Five year limited warranty. Full warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx).

Note: Specifications subject to change without notice.



Product Overview

Specification Sheets

Photometric Data

Request Building Information Models

Installation Instructions

Sell Sheets

Additional Information

Additional Images

Questions about this product?

### Related Products



OLWX1

OLWX2

KAXW Wallpack



TWR LED

TWS LED

OLC5



D-Series Wall Size 2

OLW

TWH LED



TWP LED

OLAW

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# D-Series Size 1 LED Wall Luminaire

Catalog  
Number

Notes

Type



d<sup>series</sup>

## Specifications Luminaire

**Width:** 13-3/4"  
(34.9 cm) **Weight:** 12 lbs  
(5.4 kg)

**Depth:** 10"  
(25.4 cm)

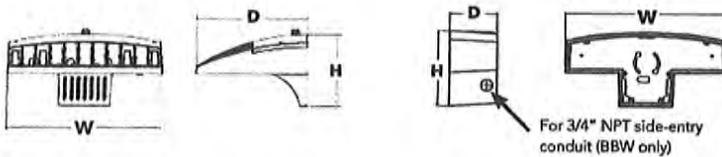
**Height:** 6-3/8"  
(16.2 cm)

## Back Box (BBW, ELCW)

**Width:** 13-3/4"  
(34.9 cm) **BBW  
Weight:** 5 lbs  
(2.3 kg)

**Depth:** 4"  
(10.2 cm) **ELCW  
Weight:** 10 lbs  
(4.5 kg)

**Height:** 6-3/8"  
(16.2 cm)



## Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

## Ordering Information

**EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD**

### DSXW1 LED

Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options
DSXW1 LED	10C 10 LEDs (one engine)	350 350 mA	30K 3000 K	T2S Type II Short	MVOLT <sup>1</sup>	<b>Shipped included</b> (blank) Surface mounting bracket  BBW Surface-mounted back box (for conduit entry) <sup>4</sup>	<b>Shipped installed</b> PE Photoelectric cell, button type <sup>5</sup> DMG 0-10V dimming driver (no controls; wires pulled outside fixture) PIR 180° motion/ambient light sensor, <15' mtg ht <sup>6</sup> PIRH 180° motion/ambient light sensor, 15-30' mtg ht <sup>6</sup> PIR1FC3V Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc <sup>6</sup> PIRH1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc <sup>6</sup> ELCW Emergency battery backup (includes external component enclosure), non CEC compliant <sup>7,8</sup>
		530 530 mA	40K 4000 K	T2M Type II Medium	120 <sup>2</sup>		
	700 700 mA	50K 5000 K	T3S Type III Short	208 <sup>2</sup>			
	1000 1000 mA (1 A)	AMBPC Amber phosphor converted	T3M Type III Medium	240 <sup>2</sup>			
				T4M Type IV Medium	277 <sup>2</sup>		
				TFTM Forward Throw Medium	347 <sup>2,3</sup>		
				ASYDF Asymmetric diffuse	480 <sup>2,3</sup>		

Other Options	Finish (required)
<b>Shipped installed</b>	<b>Shipped separately<sup>9</sup></b>
SF Single fuse (120, 277 or 347V) <sup>2,8</sup>	BSW Bird-deterrent spikes
DF Double fuse (208, 240 or 480V) <sup>2,8</sup>	WG Wire guard
HS House-side shield <sup>9</sup>	VG Vandal guard
SPD Separate surge protection	DDL Diffused drop lens
	DDBXD Dark bronze
	DBLXD Black
	DNAXD Natural aluminum
	DWHXD White
	DSSXD Sandstone
	DDBTXD Textured dark bronze
	DBLBXD Textured black
	DNATXD Textured natural aluminum
	DWHGXD Textured white
	DSSTXD Textured sandstone

## Accessories

Ordered and shipped separately.

DSXVHS U	House-side shield (one per light engine)
DSXWBSW U	Bird-deterrent spikes
DSXW1WG U	Wire guard accessory
DSXW1VG U	Vandal guard accessory

## NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Only available with 20C, 700mA or 1000mA. Not available with PIR or PIRH.
- Back box ships installed on fixture. Cannot be field installed. Cannot be ordered as an accessory.
- Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
- Reference Motion Sensor table on page 3.
- Cold weather (-20C) rated. Not compatible with conduit entry applications. Not available with BBW mounting option. Not available with fusing. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency mode IES files located on product page at [www.lithonia.com](http://www.lithonia.com)
- Not available with ELCW.
- Also available as a separate accessory; see Accessories information.



One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.279.8041 • [www.lithonia.com](http://www.lithonia.com)  
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# Performance Data

## Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70CRI)					40K (4000 K, 70CRI)					50K (5000 K, 70CRI)					AMBPC (Amber Phosphor Converted)					
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	
(10 LEDs)	350mA	13W	T2S	1,415	0	0	1	109	1,520	0	0	1	117	1,530	0	0	1	118	894	0	0	1	69	
			T2M	1,349	0	0	1	104	1,448	0	0	1	111	1,458	0	0	1	112	852	0	0	1	66	
			T3S	1,399	0	0	1	108	1,503	0	0	1	116	1,512	0	0	1	116	884	0	0	1	68	
			T3M	1,385	0	0	1	107	1,488	0	0	1	114	1,497	0	0	1	115	876	0	0	1	67	
			T4M	1,357	0	0	1	104	1,458	0	0	1	112	1,467	0	0	1	113	858	0	0	1	66	
			TFTM	1,411	0	0	1	109	1,515	0	0	1	117	1,525	0	0	1	117	892	0	0	1	69	
		ASVDF	1,262	1	0	1	97	1,354	1	0	1	104	1,363	1	0	1	105	797	0	0	1	61		
		T2S	2,053	1	0	1	108	2,205	1	0	1	116	2,220	1	0	1	117	1,264	0	0	1	67		
		T2M	1,957	1	0	1	103	2,102	1	0	1	111	2,115	1	0	1	111	1,205	0	0	1	63		
		T3S	2,031	1	0	1	107	2,181	1	0	1	115	2,194	1	0	1	115	1,250	0	0	1	66		
		T3M	2,010	1	0	1	106	2,159	1	0	1	114	2,172	1	0	1	114	1,237	0	0	1	65		
		T4M	1,970	1	0	1	104	2,115	1	0	1	111	2,129	1	0	1	112	1,212	0	0	1	64		
	TFTM	2,047	0	0	1	108	2,198	1	0	1	116	2,212	1	0	1	116	1,260	0	0	1	66			
	ASVDF	1,831	1	0	1	96	1,966	1	0	1	103	1,978	1	0	1	104	1,127	0	0	1	59			
	T2S	2,623	1	0	1	101	2,816	1	0	1	108	2,834	1	0	1	109	1,544	0	0	1	59			
	T2M	2,499	1	0	1	96	2,684	1	0	1	103	2,701	1	0	1	104	1,472	0	0	1	57			
	T3S	2,593	1	0	1	100	2,785	1	0	1	107	2,802	1	0	1	108	1,527	0	0	1	59			
	T3M	2,567	1	0	1	99	2,757	1	0	1	106	2,774	1	0	1	107	1,512	0	0	1	58			
	T4M	2,515	1	0	1	97	2,701	1	0	1	104	2,718	1	0	1	105	1,481	0	0	1	57			
	TFTM	2,614	1	0	1	101	2,808	1	0	1	108	2,825	1	0	1	109	1,539	0	0	1	59			
	ASVDF	2,337	1	0	1	90	2,510	1	0	1	97	2,525	1	0	1	97	1,376	1	0	1	53			
	T2S	3,685	1	0	1	94	3,957	1	0	1	101	3,982	1	0	1	102	2,235	1	0	1	57			
	T2M	3,512	1	0	1	90	3,771	1	0	1	97	3,794	1	0	1	97	2,130	1	0	1	55			
	T3S	3,644	1	0	1	93	3,913	1	0	1	100	3,938	1	0	1	101	2,210	1	0	1	57			
	T3M	3,607	1	0	1	92	3,873	1	0	1	99	3,898	1	0	1	100	2,187	1	0	1	56			
	T4M	3,534	1	0	2	91	3,796	1	0	2	97	3,819	1	0	2	98	2,143	1	0	1	55			
	TFTM	3,673	1	0	1	94	3,945	1	0	1	101	3,969	1	0	1	102	2,228	1	0	1	57			
	ASVDF	3,284	1	0	2	84	3,527	1	0	2	90	3,549	1	0	2	91	1,992	1	0	1	51			
	(20 LEDs)	350mA	23W	T2S	2,820	1	0	1	123	3,028	1	0	1	132	3,047	1	0	1	132	1,777	1	0	1	77
				T2M	2,688	1	0	1	117	2,886	1	0	1	125	2,904	1	0	1	126	1,693	1	0	1	74
				T3S	2,789	1	0	1	121	2,994	1	0	1	130	3,014	1	0	1	131	1,757	0	0	1	76
				T3M	2,760	1	0	1	120	2,965	1	0	1	129	2,983	1	0	1	130	1,739	1	0	1	76
				T4M	2,704	1	0	1	118	2,905	1	0	1	126	2,922	1	0	1	127	1,704	1	0	1	74
				TFTM	2,811	1	0	1	122	3,019	1	0	1	131	3,038	1	0	1	132	1,771	0	0	1	77
			ASVDF	2,514	1	0	1	109	2,699	1	0	1	117	2,716	1	0	1	118	1,584	1	0	1	69	
			T2S	4,079	1	0	1	117	4,380	1	0	1	125	4,407	1	0	1	126	2,504	1	0	1	72	
T2M			3,887	1	0	1	111	4,174	1	0	1	119	4,201	1	0	1	120	2,387	1	0	1	68		
T3S			4,033	1	0	1	115	4,331	1	0	1	124	4,359	1	0	1	125	2,477	1	0	1	71		
T3M			3,993	1	0	2	114	4,288	1	0	2	123	4,315	1	0	2	123	2,451	1	0	1	70		
T4M			3,912	1	0	2	112	4,201	1	0	2	120	4,227	1	0	2	121	2,402	1	0	1	69		
TFTM		4,066	1	0	2	116	4,366	1	0	2	125	4,394	1	0	2	126	2,496	1	0	1	71			
ASVDF		3,636	1	0	2	104	3,904	1	0	2	112	3,928	1	0	2	112	2,232	1	0	1	64			
T2S		5,188	1	0	1	113	5,572	1	0	1	121	5,607	1	0	1	122	3,065	1	0	1	67			
T2M		4,945	1	0	2	108	5,309	1	0	2	115	5,343	1	0	2	116	2,921	1	0	1	64			
T3S		5,131	1	0	2	112	5,510	1	0	2	120	5,544	1	0	2	121	3,031	1	0	1	66			
T3M		5,078	1	0	2	110	5,454	1	0	2	119	5,487	1	0	2	119	3,000	1	0	1	65			
T4M		4,975	1	0	2	108	5,343	1	0	2	116	5,376	1	0	2	117	2,939	1	0	1	64			
TFTM		5,172	1	0	2	112	5,554	1	0	2	121	5,589	1	0	2	122	3,055	1	0	1	66			
ASVDF		4,624	1	0	2	101	4,965	1	0	2	108	4,996	1	0	2	109	2,732	1	0	1	59			
T2S		7,204	1	0	2	99	7,736	2	0	2	106	7,784	2	0	2	107	4,429	1	0	1	61			
T2M		6,865	1	0	2	94	7,373	2	0	2	101	7,419	2	0	2	102	4,221	1	0	1	58			
T3S		7,125	1	0	2	98	7,651	1	0	2	105	7,698	1	0	2	105	4,380	1	0	1	60			
T3M		7,052	1	0	2	97	7,573	2	0	2	104	7,620	2	0	2	104	4,335	1	0	2	59			
T4M		6,909	1	0	2	95	7,420	1	0	2	102	7,466	1	0	2	102	4,248	1	0	2	58			
TFTM		7,182	1	0	2	98	7,712	1	0	2	106	7,761	1	0	2	106	4,415	1	0	2	60			
ASVDF		6,421	2	0	2	88	6,896	2	0	3	94	6,938	2	0	3	95	3,947	1	0	2	54			



## Performance Data

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.98

### Electrical Load

LEDs	Drive Current (mA)	System Watt	Current (A)					
			120V	208V	240V	277V	347V	480V
10C	350	14W	0.13	0.07	0.06	0.06	-	-
	530	20W	0.19	0.11	0.09	0.08	-	-
	700	27W	0.25	0.14	0.13	0.11	-	-
	1000	40W	0.37	0.21	0.19	0.16	-	-
20C	350	24W	0.23	0.13	0.12	0.10	-	-
	530	36W	0.33	0.19	0.17	0.14	-	-
	700	47W	0.44	0.25	0.22	0.19	0.15	0.11
	1000	74W	0.69	0.40	0.35	0.30	0.23	0.17

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the DSXW1 LED 20C 1000 platform in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	0.95	0.93	0.88

### Motion Sensor Default Settings

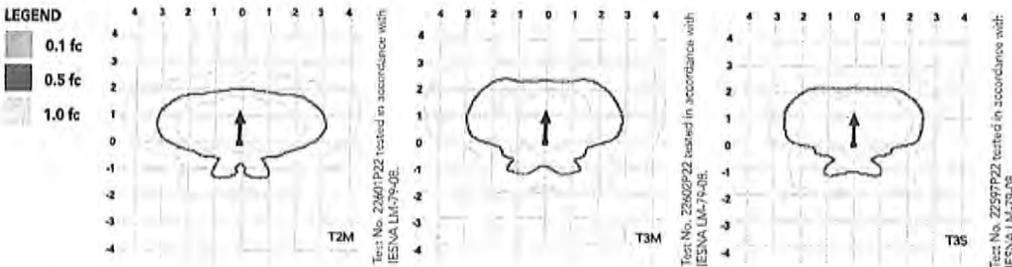
Option	Dimmed State	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Ramp-down Time
*PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min
PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min

\*for use with Inline Dusk to Dawn or timer

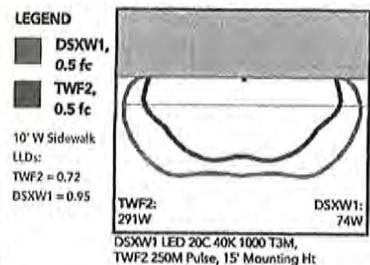
## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Wall Size 1 homepage.

Isofootcandle plots for the DSXW1 LED 20C 1000 40K. Distances are in units of mounting height (15').



Distribution overlay comparison to 250W metal halide.



## Options and Accessories



T3M (left), ASVDF (right) lenses



HS - House-side shields



BSW - Bird-deterrent spikes



WG - Wire guard



VG - Vandal guard



DDL - Diffused drop lens

## FEATURES & SPECIFICATIONS

### INTENDED USE

The energy savings, long life and easy-to-install design of the D-Series Wall Size 1 make it the smart choice for building-mounted doorway and pathway illumination for nearly any facility.

### CONSTRUCTION

Two-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance. The LED driver is mounted to the door to thermally isolate it from the light engines for low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65).

### FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in textured and non-textured finishes.

### OPTICS

Precision-molded proprietary acrylic lenses provide multiple photometric distributions tailored specifically to building mounted applications. Light engines are available in 3000 K (70 min. CRI), 4000 K (70 min. CRI) or 5000 K (70 min. CRI) configurations.

### ELECTRICAL

Light engine(s) consist of 10 high-efficacy LEDs mounted to a metal-core circuit board to maximize heat dissipation and promote long life (L88/100,000 hrs at 25°C). Class 1 electronic drivers have a

power factor >90%, THD <20%, and a minimum 2.5KV surge rating. When ordering the SPD option, a separate surge protection device is installed within the luminaire which meets a minimum Category C Low (per ANSI/IEEE C62.41.2).

### INSTALLATION

Included universal mounting bracket attaches securely to any 4" round or square outlet box for quick and easy installation. Luminaire has a slotted gasket wireway and attaches to the mounting bracket via corrosion-resistant screws.

### LISTINGS

CSA certified to U.S. and Canadian standards. Rated for -40°C minimum ambient.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org](http://www.designlights.org) to confirm which versions are qualified.

### WARRANTY

Five-year limited warranty. Complete warranty terms located at [www.acuitybrands.com/Content/Resources/Items\\_and\\_conditions.aspx](http://www.acuitybrands.com/Content/Resources/Items_and_conditions.aspx)

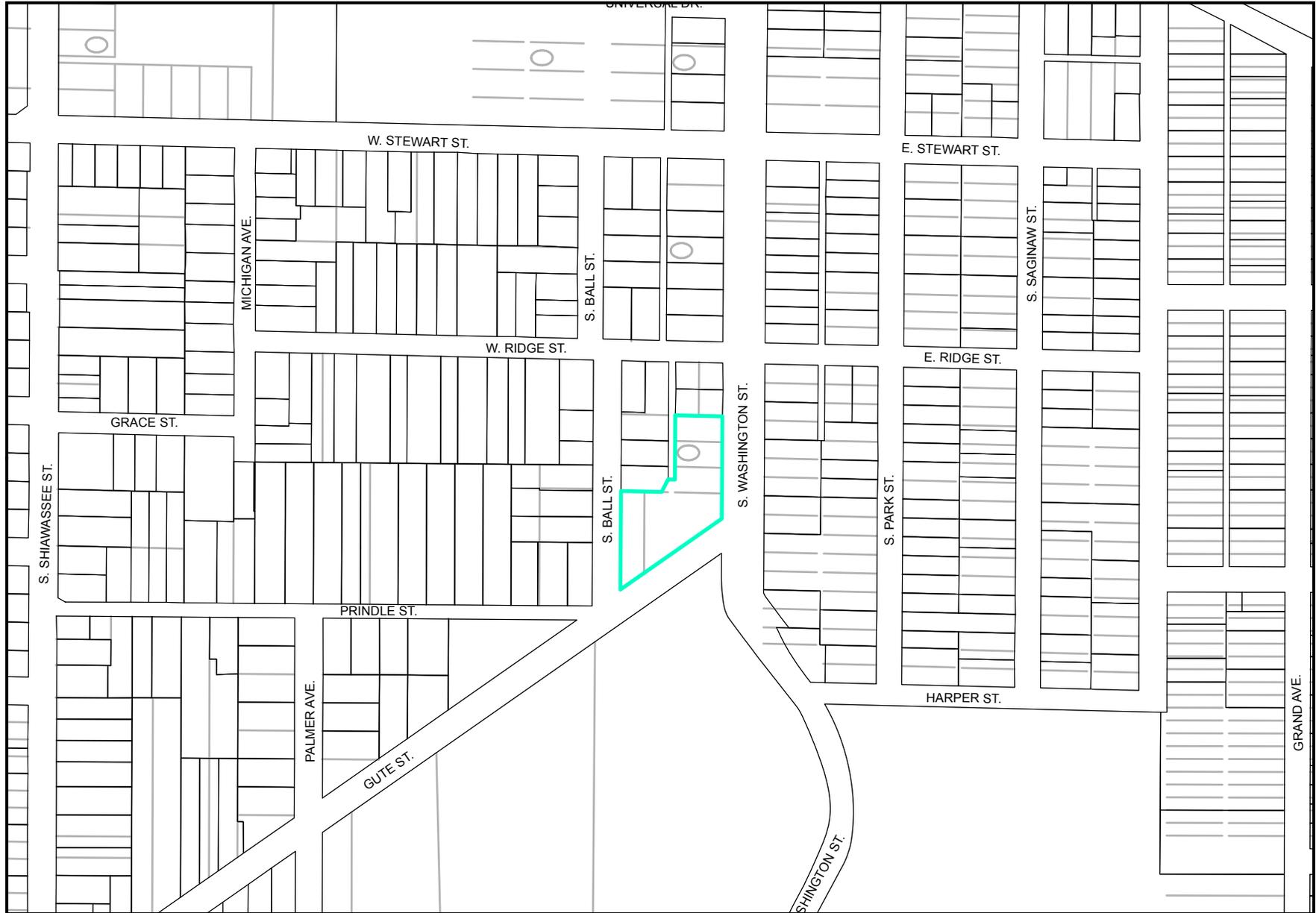
**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



# City of Owosso

## 912 S. Washington Street

September 22, 2017



# City of Owosso

## 912 S. Washington Street

September 22, 2017

### Legend

#### Zoning

 <all other values>

#### Z\_PRIMARY

 B1

 B2

 B3

 B4

 C-OS

 I1

 I2

 OS1

 P1

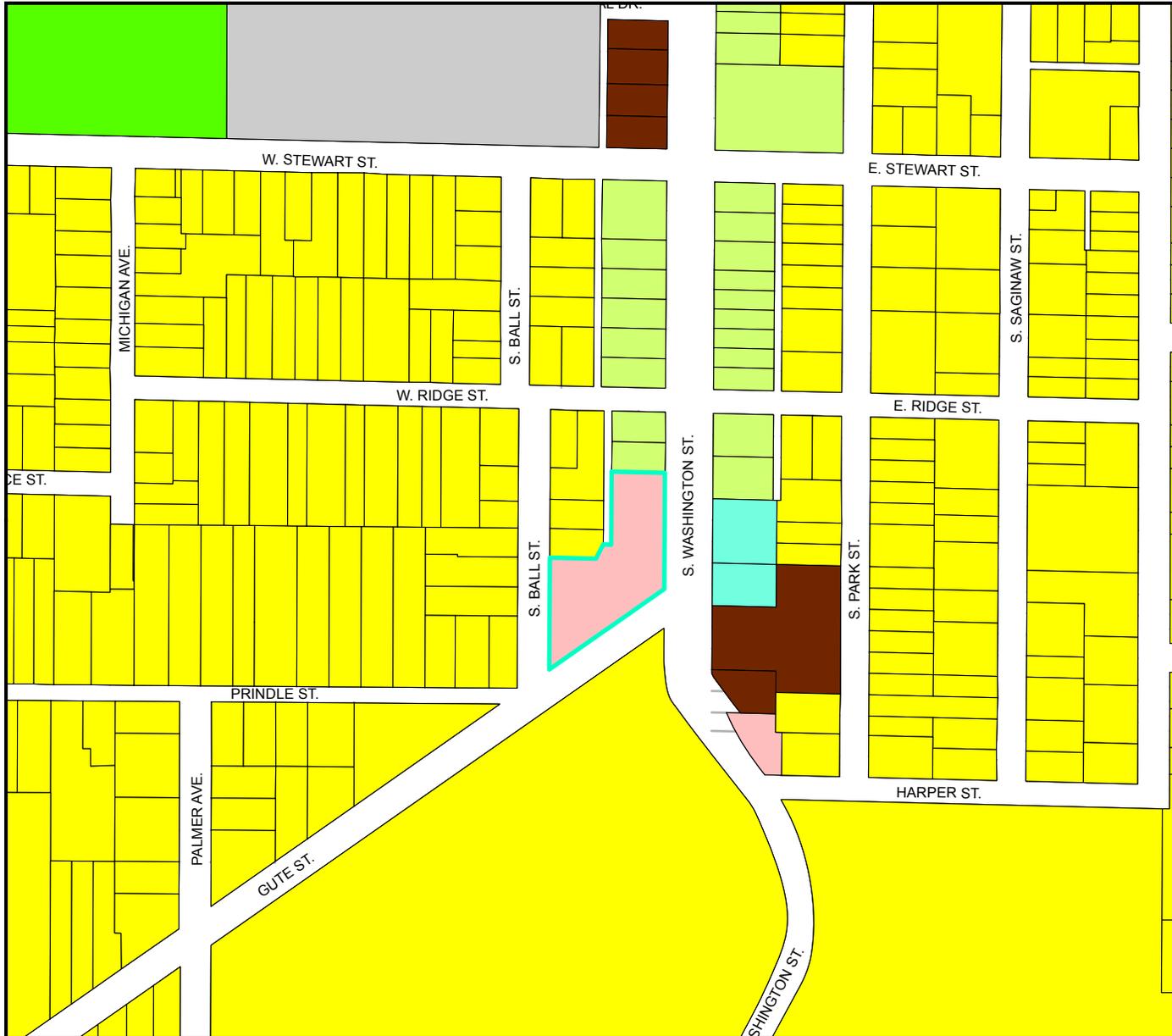
 PUD

 R1

 R2

 RM1

 RM2



## Police Power Ordinance

### AN ORDINANCE TO AUTHORIZE AND REGULATE THE ESTABLISHMENT OF MEDICAL MARIJUANA FACILITIES.

#### Section 1001. Purpose

- A. It is the intent of this ordinance to authorize the establishment of certain types of medical marijuana facilities in the city of Owosso and provide for the adoption of reasonable restrictions to protect the public health, safety, and general welfare of the community at large; retain the character of neighborhoods; and mitigate potential impacts on surrounding properties and persons. It is also the intent of this ordinance to help defray administrative and enforcement costs associated with the operation of a marijuana facility in the city of Owosso through imposition of an annual, nonrefundable fee of **not more than \$5,000.00** on each medical marijuana facility licensee. Authority for the enactment of these provisions is set forth in the Medical Marijuana Facilities Licensing Act, MCL 333.27101 et seq.
- B. Nothing in this ordinance is intended to grant immunity from criminal or civil prosecution, penalty, or sanction for the cultivation, manufacture, possession, use, sale, or distribution of marijuana, in any form, that is not in compliance with the Michigan Medical Marijuana Act, Initiated Law 1 of 2008, MCL 333.26421 et seq.; the Medical Marijuana Facilities Licensing Act, MCL 333.27101 et seq.; the Marijuana Tracking Act, MCL 333.27901 et seq.; and all other applicable rules promulgated by the state of Michigan.
- C. As of the effective date of this ordinance, marijuana remains classified as a Schedule 1 controlled substance under the Federal Controlled Substances Act, 21 U.S.C. Sec. 801 et seq., which makes it unlawful to manufacture, distribute, or dispense marijuana, or possess marijuana with intent to manufacture, distribute, or dispense marijuana. Nothing in this ordinance is intended to grant immunity from any criminal prosecution under federal laws.
- D. Facilities must comply with all state building codes, including but not limited to plumbing, mechanical, electrical, building energy and fire codes, which includes the city of Owosso zoning ordinance, as applicable under law.

#### Section 1002. Definitions

For the purposes of this ordinance:

- A. Any term defined by the Michigan Medical Marijuana Act, MCL 333.26421 et seq., shall have the definition given in the Michigan Medical Marijuana Act.
- B. Any term defined by the Medical Marijuana Facilities Licensing Act, MCL 333.27101 et seq., shall have the definition given in the Medical Marijuana Facilities Licensing Act.
- C. Any term defined by the Marijuana Tracking Act, MCL 333.27901 et seq., shall have the definition given in the Marijuana Tracking Act.

- D. "Grower" means a licensee that is a commercial entity located in this state that cultivates, dries, trims, or cures and packages marihuana for sale to a processor or provisioning center.
- E. "Licensee" means a person holding a state operating license issued under the Medical Marihuana Facilities Licensing Act, MCL 333.27101 et seq.
- F. "Marijuana" or "marihuana" means that term as defined in the Public Health Code, MCL 333.1101 et seq.; the Michigan Medical Marihuana Act, MCL 333.26421 et seq.; the Medical Marihuana Facilities Licensing Act, MCL 333.27101 et seq.; and the Marihuana Tracking Act, MCL 333.27901 et seq.
- G. "Marijuana facility" means an enterprise at a specific location at which a licensee is licensed to operate under the Medical Marihuana Facilities Licensing Act, MCL 333.27101 et seq., including a marijuana grower, marijuana processor, marijuana provisioning center, marijuana secure transporter, or marijuana safety compliance facility. The term does not include or apply to a "primary caregiver" or "caregiver" as that term is defined in the Michigan Medical Marihuana Act, MCL 333.26421 et seq.
- H. "Person" means an individual, corporation, limited liability company, partnership, limited partnership, limited liability partnership, limited liability limited partnership, trust, or other legal entity.
- I. "Processor" means a licensee that is a commercial entity located in Michigan that purchases marihuana from a grower and that extracts resin from the marihuana or creates a marihuana-infused product for sale and transfer in packaged form to a provisioning center.
- J. "Provisioning center" means a licensee that is a commercial entity located in Michigan that purchases marihuana from a grower or processor and sells, supplies, or provides marihuana to registered qualifying patients, directly or through the patients' registered primary caregivers. Provisioning center includes any commercial property where marihuana is sold at retail to registered qualifying patients or registered primary caregivers. A noncommercial location used by a primary caregiver to assist a qualifying patient connected to the caregiver in accordance with the Michigan Medical Marihuana Act, MCL 333.26421 et seq., is not a provisioning center for purposes of this article.
- K. "Safety compliance facility" means a licensee that is a commercial entity that receives marihuana from a marihuana facility or registered primary caregiver, tests it for contaminants and for tetrahydrocannabinol and other cannabinoids, returns the test results, and may return the marihuana to the marihuana facility.
- L. "Secure transporter" means a licensee that is a commercial entity located in this state that stores marihuana and transports marihuana between marihuana facilities for a fee.

**Section 1003. Authorization of Facilities and Fee.**

- A. The maximum number of each type of marijuana facility allowed in the city of Owosso shall be as follows.

Facility	Number
Grower	[# ]
Processor	[#]

Secure transporter	[#]
Provisioning center	[#]
Safety compliance facility	[#]

- B. At least every [#] years after adoption of this ordinance, city council shall review the maximum number of each type of marijuana facility allowed and determine whether this maximum number should be changed. The review and its findings shall be recorded in the minutes of the relevant meeting of the city council.
- C. A nonrefundable fee shall be paid by each marijuana facility licensed under this ordinance in an annual amount of not more than \$5,000.00 as set by resolution of the city of Owosso City Council.

**Section 1004. Requirements and Procedure for Issuing License**

- A. No person shall operate a marijuana facility in city of Owosso without a valid marijuana facility license issued by the city of Owosso pursuant to the provisions of this ordinance.
- B. Every applicant for a license to operate a marijuana facility shall file an application in the [municipal official's] office upon a form provided by the city of Owosso. [The application shall contain the following information:]
- C. Every applicant for a license to operate a marijuana facility shall submit with the application a photocopy of the applicant's valid and current license issued by the State of Michigan in accordance with the Medical Marihuana Facilities Licensing Act, MCL 333.27101 et seq.
- D. Upon an applicant's completion of the above-provided form and furnishing of all required information and documentation, the [municipal official] shall accept the application and assign it a sequential application number by facility type based on the date and time of acceptance. The [municipal official] shall act to approve or deny an application not later than fourteen (14) days from the date the application was accepted. If approved, the [municipal official] shall issue the applicant a provisional license.
- E. A provisional license means only that the applicant has submitted a valid application for a marijuana facility license, and the applicant shall not locate or operate a marijuana facility without obtaining all other permits and approvals required by all other applicable ordinances and regulations of the city of Owosso. A provisional license will lapse and be void if such permits and approvals are not diligently pursued to completion.
- F. Within fourteen (14) days from the applicant submitting proof of obtaining all other required permits and approvals and payment of the license fee, the [municipal official] shall approve or deny the marijuana facility license. The [municipal official] shall issue marijuana facility licenses in order of the sequential application number previously assigned.
- G. Maintaining a valid marijuana facility license issued by the state is a condition for the issuance and maintenance of a marijuana facility license under this ordinance and continued operation of any marijuana facility.

H. A marijuana facility license issued under this ordinance is not transferable.

#### **Section 1005. License Renewal**

- A. A marijuana facility license shall be valid for one year from the date of issuance, unless revoked as provided by law.
- B. A valid marijuana facility license may be renewed on an annual basis by submitting a renewal application upon a form provided by the city of Owosso and payment of the annual license fee. Application to renew a marijuana facility license shall be filed at least thirty (30) days prior to the date of its expiration.

#### **Section 1006. Applicability**

The provisions of this ordinance shall be applicable to all persons and facilities described herein, whether the operations or activities associated with a marijuana facility were established without authorization before the effective date of this ordinance.

#### **Section 1007. Penalties and Enforcement.**

- A. Any person who violates any of the provisions of this ordinance shall be responsible for a municipal civil infraction and subject to the payment of a civil fine of not more than [ \$#.# # ], plus costs. Each day a violation of this Ordinance continues to exist constitutes a separate violation. A violator of this Ordinance shall also be subject to such additional sanctions, remedies and judicial orders as are authorized under Michigan law.
- B. A violation of this Ordinance is deemed to be a nuisance per se. In addition to any other remedy available at law, the city of Owosso may bring an action for an injunction or other process against a person to restrain, prevent, or abate any violation of this Ordinance.
- C. This Ordinance shall be enforced and administered by the zoning administrator, or such other city official as may be designated from time to time by resolution of the city council.

#### **Section 1008. Severability.**

In the event that any one or more sections, provisions, phrases or words of this Ordinance shall be found to be invalid by a court of competent jurisdiction, such holding shall not affect the validity or the enforceability of the remaining sections, provisions, phrases or words of this Ordinance.

#### **Section 1009. Effective Date**

This Ordinance shall take effect twenty-one days after city council passage in accordance with law.

## Sample Zoning Ordinance Amendments

### Definitions

#### ***Add the following definitions to Section 38-5. -Definitions.***

"Grower" means a licensee that is a commercial entity located in this state that cultivates, dries, trims, or cures and packages marihuana for sale to a processor or provisioning center.

"Licensee" means a person holding a state operating license issued under the Medical Marihuana Facilities Licensing Act, MCL 333.27101 et seq.

"Marijuana" or "marihuana" means that term as defined in the Public Health Code, MCL 333.1101 et seq.; the Michigan Medical Marihuana Act, MCL 333.26421 et seq.; the Medical Marihuana Facilities Licensing Act, MCL 333.27101 et seq.; and the Marihuana Tracking Act, MCL 333.27901 et seq.

"Marijuana facility" means an enterprise at a specific location at which a licensee is licensed to operate under the Medical Marihuana Facilities Licensing Act, MCL 333.27101 et seq., including a marijuana grower, marijuana processor, marijuana provisioning center, marijuana secure transporter, or marijuana safety compliance facility. The term does not include or apply to a "primary caregiver" or "caregiver" as that term is defined in the Michigan Medical Marihuana Act, MCL 333.26421 et seq.

"Outdoor production" means growing marijuana in an expanse of open or cleared ground or in a greenhouse, hoop house, or similar non-rigid structure that does not utilize any artificial lighting, including but not limited to electrical lighting sources.

"Processor" means a licensee that is a commercial entity located in this state that purchases marihuana from a grower and that extracts resin from the marihuana or creates a marihuana-infused product for sale and transfer in packaged form to a provisioning center.

"Provisioning center" means a licensee that is a commercial entity located in this state that purchases marihuana from a grower or processor and sells, supplies, or provides marihuana to registered qualifying patients, directly or through the patients' registered primary caregivers. Provisioning center includes any commercial property where marihuana is sold at retail to registered qualifying patients or registered primary caregivers. A noncommercial location used by a primary caregiver to assist a qualifying patient connected to the caregiver in accordance with the Michigan Medical Marihuana Act, MCL 333.26421 et seq., is not a provisioning center for purposes of this article.

"Safety compliance facility" means a licensee that is a commercial entity that receives marihuana from a marihuana facility or registered primary caregiver, tests it for contaminants and for tetrahydrocannabinol and other cannabinoids, returns the test results, and may return the marihuana to the marihuana facility.

"Secure transporter" means a licensee that is a commercial entity located in this state that stores marihuana and transports marihuana between marihuana facilities for a fee.

### Zoning Districts

**Add, where appropriate, to each zoning district's list of possible special land uses the following, where wanted:**

- A. A marijuana grower as authorized by the city of Owosso's police power authorizing ordinance in the [insert zone] District(s);
- B. A marijuana processor as authorized by the city of Owosso's police power authorizing ordinance in the [insert zone] District(s);
- C. A marijuana provisioning center as authorized by the city of Owosso's police power authorizing ordinance in the [insert zone] District(s);
- D. A marijuana secure transporter as authorized by the city of Owosso's police power authorizing ordinance in the [insert zone] District(s); and
- E. A marijuana safety compliance facility as authorized by the city of Owosso's police power authorizing ordinance in the [insert zone] District(s).

### **Special Use Standards**

**Add a section to Article XIX – Special Use Permits.**

16XX. Marijuana grower, marijuana processor, marijuana provisioning center, Marijuana secure transporter, and Marijuana safety compliance facility:

- A. A marijuana grower, marijuana processor, marijuana provisioning center, marijuana secure transporter, and marijuana safety compliance facility, in accordance with the provisions of state law, may be permitted through the issuance of a special use permit pursuant to Article XIX in the specified zone(s), provided that:
  - 1. Any uses or activities found by the state of Michigan or a court with jurisdiction to be unconstitutional or otherwise not permitted by state law may not be permitted by the city of Owosso. In the event that a court with jurisdiction declares some or all of this article invalid, then the city of Owosso may suspend the acceptance of applications for special use permits pending the resolution of the legal issue in question.
  - 2. At the time of application for a special use permit the marijuana facility must be licensed by the state of Michigan and then must be at all times in compliance with the laws of the state of Michigan including but not limited to the Michigan Medical Marijuana Act, MCL 333.26421 et seq.; the Medical Marijuana Facilities Licensing Act, MCL 333.27101 et seq.; and the Marijuana Tracking Act, MCL 333.27901 et seq.; and all other applicable rules promulgated by the state of Michigan.
  - 3. At the time of application for a special use permit the marijuana facility must be licensed by the city of Owosso, [or have the city of Owosso license concurrently in process with the special use permit and site plan approval], and then must be at all times in compliance with the city of Owosso's police power authorizing ordinance.
  - 4. The use or facility must be at all times in compliance with all other applicable laws and ordinances of the city of Owosso.

5. The city of Owosso may suspend or revoke a special use permit based on a finding that the provisions of the special use standards in this section, all other applicable provisions of this zoning ordinance, the city of Owosso's police power authorizing ordinance, or the terms of the special use permit and approved site plan are not met.
  6. A marijuana facility, or activities associated with the licensed growing, processing, testing, transporting, or sales of marijuana, may not be permitted as a home business or accessory use nor may they include accessory uses except as otherwise provided in this ordinance.
  7. Signage requirements for marijuana facilities, unless otherwise specified, are as provided in Chapter 26 – Signs of the *Owosso Code of Ordinances*.
- B. Marijuana growers and marijuana processors shall be subject to the following standards:
1. Minimum Lot Size. A minimum lot size standard shall apply as follows:
    - a. In the [list the specific rural and agricultural district(s)], the subject property shall be a minimum of [#] acres, except that if the majority of abutting properties are equal to or greater than [lesser #] acres, the subject property shall be a minimum of [lesser #] acres. Abutting properties include properties that are contiguous to the subject property, as well as properties directly across any access drive, or private, public, or road.
    - b. In the [list the specific industrial district(s)], the subject property shall be a minimum of [#] acres, except that if outdoor production is proposed, the subject property shall be a minimum of [greater #] acres.
  2. Minimum Yard Depth/Distance from Lot Lines. The minimum front, rear, and side yard setbacks for any structure used for marijuana production shall be 50 feet. The minimum front, rear, and side yard setbacks for outdoor production shall be a minimum of 100 feet from all lot lines. \_The minimum water front setback for any structure or outdoor production shall be a minimum of 100 feet from the ordinary high water mark.
  3. Indoor Production and Processing. In the [list the specific industrial district(s)], marijuana production shall be located entirely within one or more completely enclosed buildings. In the [list the specific industrial district(s)], marijuana processing shall be located entirely within a fully enclosed, secure, indoor facility or greenhouse with rigid walls, a roof, and doors.
  4. Maximum Building Floor Space. The following standards apply in the [list the specific industrial district(s)]:
    - a. A maximum of [#] square feet of building floor space may be used for all activities associated with marijuana production on the subject property.
    - b. If only a portion of a building is authorized for use in marijuana production, a partition wall at least seven feet in height, or a height as required by the applicable building codes, whichever is greater, shall separate the marijuana production space from the remainder of the building. A partition wall must include a door, capable of being closed and locked, for ingress and egress between the marijuana production space and the remainder of the building.
  5. Lighting. Lighting shall be regulated as follows:
    - a. Light cast by light fixtures inside any building used for marijuana production or marijuana processing shall not be visible outside the building from 7:00 p.m. to 7:00 a.m. the following day.

- b. Outdoor marijuana grow lights shall not be illuminated from 7:00 p.m. to 7:00 a.m. the following day.
6. Odor. As used in this subsection, building means the building, or portion thereof, used for marijuana production or marijuana processing.
  - a. The building shall be equipped with an activated carbon filtration system for odor control to ensure that air leaving the building through an exhaust vent first passes through an activated carbon filter.
  - b. The filtration system shall consist of one or more fans and activated carbon filters. At a minimum, the fan(s) shall be sized for cubic feet per minute (CFM) equivalent to the volume of the building (length multiplied by width multiplied by height) divided by three. The filter(s) shall be rated for the applicable CFM.
  - c. The filtration system shall be maintained in working order and shall be in use. The filters shall be changed a minimum of once every 365 days.
  - d. Negative air pressure shall be maintained inside the building.
  - e. Doors and windows shall remain closed, except for the minimum length of time needed to allow people to ingress or egress the building.
  - f. An alternative odor control system is permitted if the special use permit applicant submits and the municipality accepts a report by a mechanical engineer licensed in the state of Michigan demonstrating that the alternative system will control odor as well or better than the activated carbon filtration system otherwise required. The municipality may hire an outside expert to review the alternative system design and advise as to its comparability and whether in the opinion of the expert it should be accepted.
7. Security Cameras. If used, security cameras shall be directed to record only the subject property and may not be directed to public rights-of-way as applicable, except as required to comply with licensing requirements of the state of Michigan.
8. Residency. In the [list specific rural or agricultural district(s)], an owner of the subject property, or the licensee associated with the subject property shall reside in a dwelling unit on the subject property unless there is a 24-hour, seven-days-a-week staffed security presence on the property with a direct phone number supplied to local law enforcement,

C. Provisioning centers shall be subject to the following standards:

1. Hours. A provisioning center may only sell to consumers or allow consumers to be present in the building space occupied by the provisioning center between the hours of 9:00 a.m. and 9:00 p.m.
2. Indoor Activities. All activities of a provisioning center, including all transfers of marijuana, shall be conducted within the structure and out of public view. A provisioning center shall not have a walk-up window or drive-thru window service.
3. Other Activities. Marijuana and tobacco products shall not be smoked, ingested, or otherwise consumed in the building space occupied by the provisioning center.
4. Nonconforming Uses. A provisioning center may not locate in a building in which a nonconforming retail use has been established in any district.
5. Physical Appearance. The exterior appearance of the structure shall remain compatible with the exterior appearance of structures already constructed or under construction within the immediate

area, and shall be maintained so as to prevent blight or deterioration or substantial diminishment or impairment of property values within the immediate area.

6. Buffer Zones. A provisioning center may not be located within the distance specified from the uses below as determined by the city of Owosso. The distance shall be measured as the shortest straight line distance between the property line of the location of the following uses to the property line of the parcel on which provisioning center premises is located, whichever is less .
  - a. A provisioning center may not be located within [#] feet of the real property comprising or used by a public or private elementary, vocational, or secondary school; a public or private college, junior college, or university; a licensed child care center or preschool; a public playground, public swimming pool, or public or private youth activity facility; a public park, public outdoor recreation area, or public recreation facility; or a public library.
  - b. A provisioning center may not be located within [#] feet of a religious institution or a residentially zoned property.
7. Odor. As used in this subsection, building means the building, or portion thereof, used for a provisioning center.
  - a. The building shall be equipped with an activated carbon filtration system for odor control to ensure that air leaving the building through an exhaust vent first passes through an activated carbon filter.
  - b. The filtration system shall consist of one or more fans and activated carbon filters. At a minimum, the fan(s) shall be sized for cubic feet per minute (CFM) equivalent to the volume of the building (length multiplied by width multiplied by height) divided by three. The filter(s) shall be rated for the applicable CFM.
  - c. The filtration system shall be maintained in working order and shall be in use. The filters shall be changed a minimum of once every 365 days.
  - d. Negative air pressure shall be maintained inside the building.
  - e. Doors and windows shall remain closed, except for the minimum time length needed to allow people to ingress or egress the building.
  - f. An alternative odor control system is permitted if the special use applicant submits and the municipality accepts a report by a mechanical engineer licensed in the State of Michigan demonstrating that the alternative system will control odor as well or better than the activated carbon filtration system otherwise required. The municipality may hire an outside expert to review the alternative system design and advise as to its comparability and whether in the opinion of the expert it should be accepted

D. Marijuana Safety Compliance Facility shall be subject to the following standards:

1. A marijuana safety compliance facility shall be subject to the special regulations and standards applicable to medical laboratories and medical testing facilities in the ordinance.
2. All activities of a marijuana safety compliance facility, including all transfers of marijuana, shall be conducted within the structure and out of public view.

E. Marijuana Secure transporter shall be subject to the following standards:

1. A marijuana secure transporter shall be subject to the special regulations and standards applicable to **[transportation and warehousing]** uses in the **[ordinance]** and the following standards.
2. Any buildings or structures used for the containment of stored materials shall be located no closer than **[#]** feet from any property line.

### **Nonconformities**

#### ***Add a section to Article XVII – General Provisions, Section 38-378.***

- A. No marijuana facility operating or purporting to operate prior to December 15, 2017, shall be deemed to have been a legally existing use nor shall the operation of such marijuana facility be deemed a legal nonconforming use under this **[ordinance]**.
- B. A property owner shall not have vested rights or nonconforming use rights that would serve as a basis for failing to comply with this **[ordinance]** or any amendment thereto.
- C. Discontinuation of a state medical marijuana facility license shall constitute prima facie evidence that a nonconformity has been discontinued.