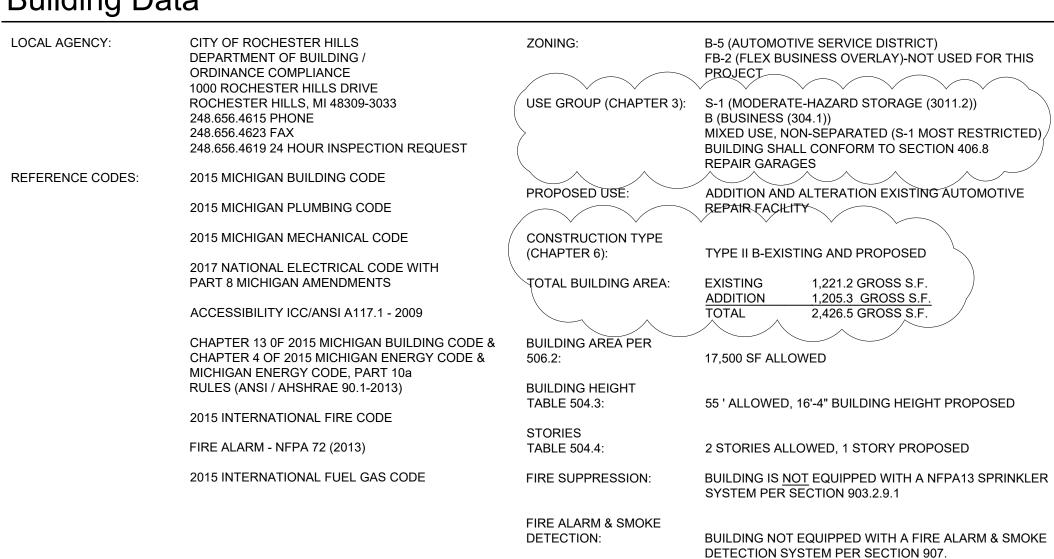
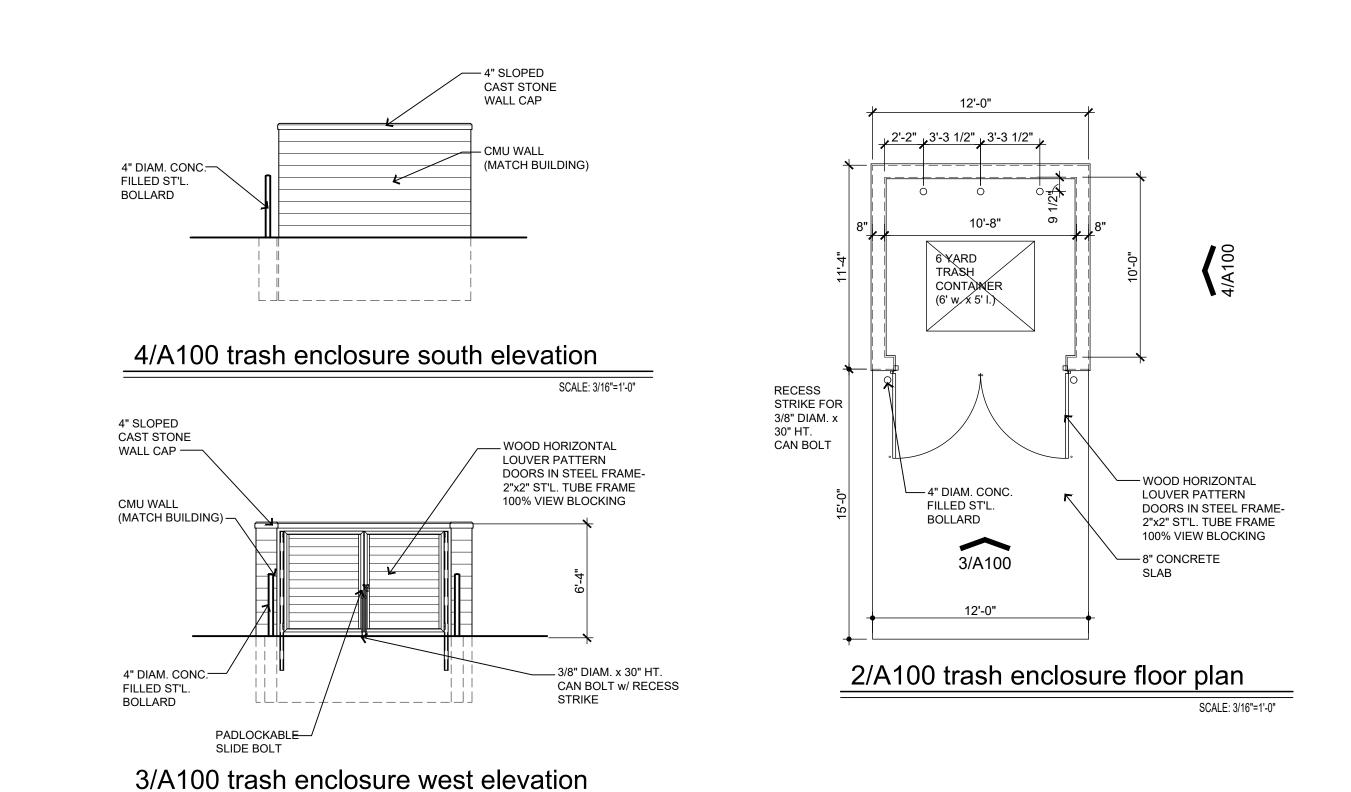
Building Data

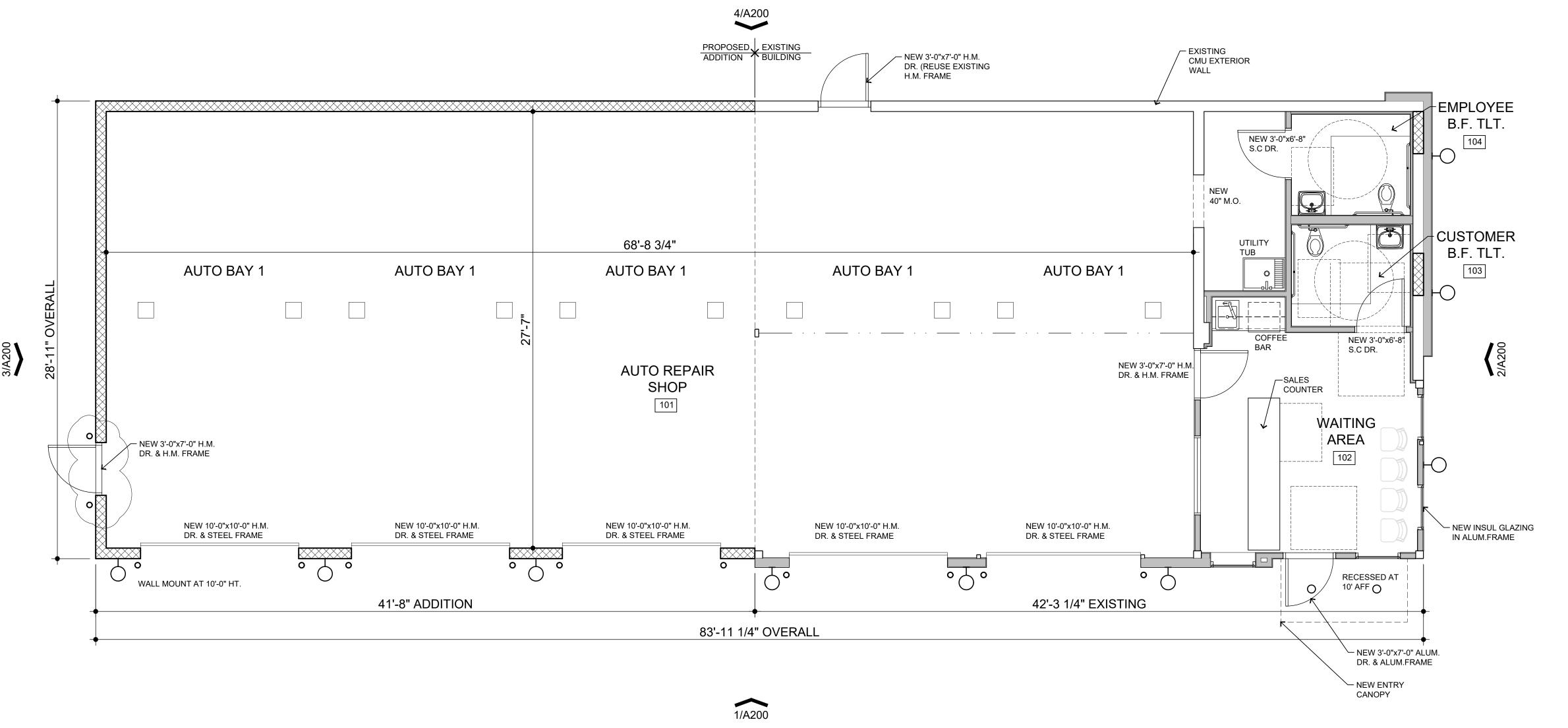


FIRE DEPARTMENT NOTES: A KNOX KEY SYSTEM SHALL BE INSTALLED, IN A LOCATION APPROVED BY THE FIRE CODE OFFICIAL. ORDERING INFORMATION IS AVAILABLE FROM THE KNOX BOX COMPANY AT KNOXBOX.COM. CONSTRUCTION SITES SHALL BE SAFEGUARDED IN ACCORDANCE WITH IFC 2006 CHAPTER 14. OPEN BURNING IS NOT PERMITTED INCLUDING THE BURNING OF TRASH, DEBRIS, OR LAND CLEARING MATERIALS. OPEN BURNING FOR WARMING OF SAND AND/OR WATER FOR THE PREPARATION OF MORTAR SHALL BE WITHIN THE CITY OF ROCHESTER HILLS BURN PERMIT GUIDELINES.



SCALE: 3/16"=1'-0"

SCALE: 1/4" = 1'-0"



oyright 2020 - BmK DESIGN+PLANNING LL DESIGN+PLANNING

NNIN Michigar Ω,

PROJECT:

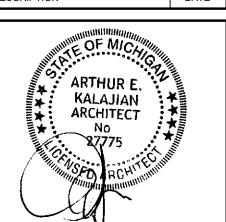
Proposed Addition Alterations to:

Action 1 Qwik Service 996 E. Auburn Road Rochester Hills, MI 48307

CLIENT:

Properties, LLC 111 South Street Rochester, MI 48307

SITE PLAN REVIEW-3rd SUBMITTAL SITE PLAN REVIEW-2nd SUBMITTAL CONCEPT DESIGN REVIEW CONCEPT DESIGN REVIEW CONCEPT DESIGN REVIEW

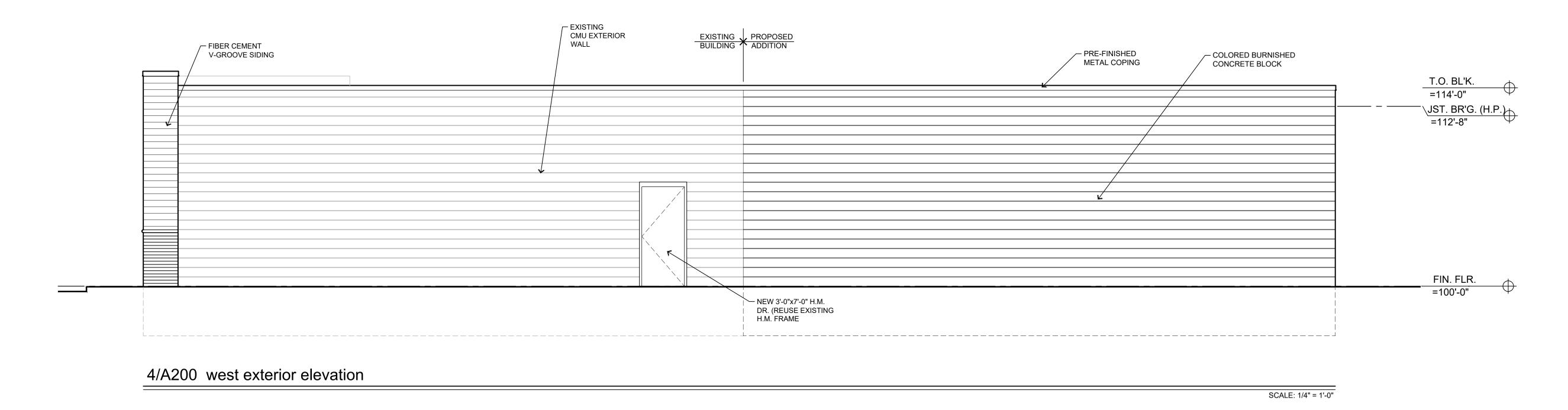


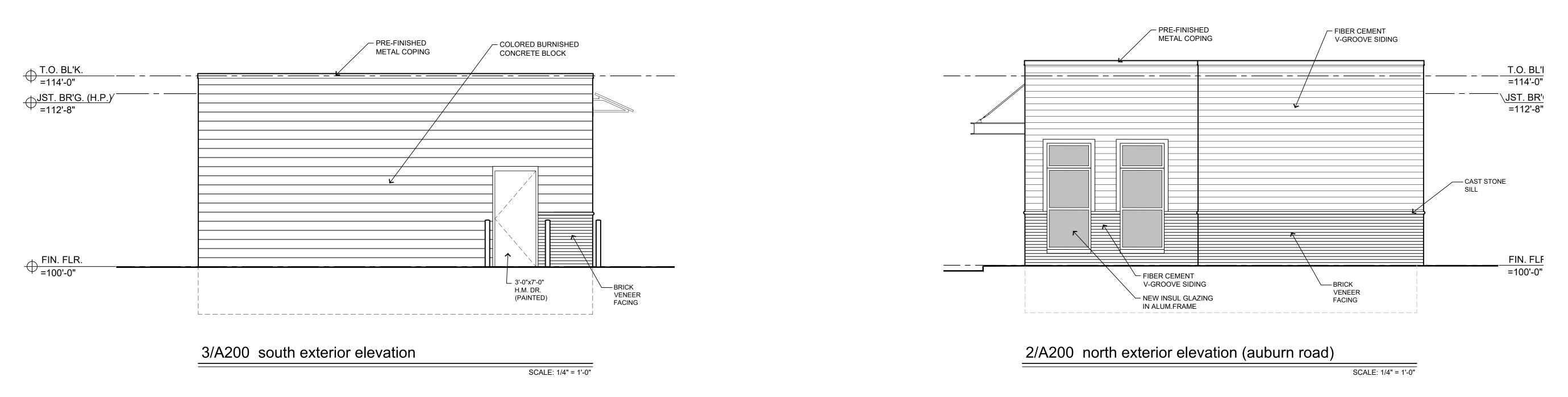
ADDITION / ALTERATION FLOOR PLAN PROJECT NUMBER: 2017-131 CHECKED BY:

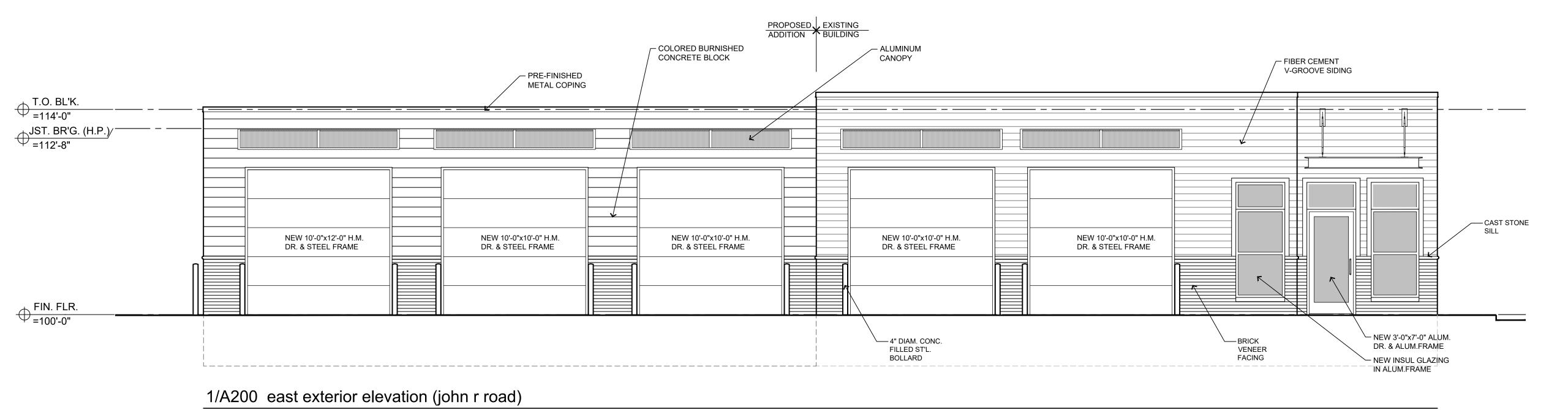
Permit No.:

1/A100 addition / alteration floor plan

2,426.5 GROSS SQUARE FEET







Survey of the street of the st

PROJECT:

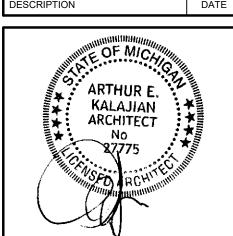
Proposed Addition Alterations to:

Action 1 Qwik Service 996 E. Auburn Road Rochester Hills, MI 48307

CLIENT:

Iwas
Properties, LLC
111 South Street
Rochester, MI 48307

SITE PLAN REVIEW-3rd SUBMITTAL	11/06/2
SITE PLAN REVIEW-2nd SUBMITTAL	09/21/2
SITE PLAN REVIEW	03/13/2
CONCEPT DESIGN REVIEW	01/15/2
CONCEPT DESIGN REVIEW	11/21/1
CONCEPT DESIGN REVIEW	10/11/1
DESCRIPTION	DATE



SHEET TITLE:

EXTERIOR
ELEVATIONS

PROJECT NUMBER:
2017-131

DRAWN BY:
KMB

CHECKED BY:
AEK
SHEET NUMBER:

APPROJECT NUMBER:

Permit No.:

SCALE: 1/4" = 1'-0"

plant material list								
key	quant.	botanical name	size	root				
CANOP	Y TREES	4 CANOPY TREES		11 TREES	TOTAL			
AcF	3	ACER x FREEMANII "AUTUMN BLAZE"	FREEMAN MAPLE	3" CAL.	B. & B.			
CeO	3	CELTIS OCCIDENTALIS	HACKBERRY	3" CAL.	B. & B.			
GtR	3	GLEDITSIA TRIANCANTHOS 'SHADEMASTER'	HONEYLOCUST, SHADEMASTER	3" CAL.	B. & B.			
QuA	3	QUERCUS ALBA	WHITE OAK	3" CAL.	B. & B.			
ORNAM	ENTAL TR	EES 4 ORNAMENTAL TREES						
MaP	2	MALUS "PRAIRIE FIRE"	PRAIRIE FIRE CRABAPPLE	2" CAL.	B. & B.			
Mal	2	MALUS IOENSIS	PRAIRIE CRABAPPLE	2" CAL.	B. & B.			
EVERG	REEN TRE	EES5_EVERGREEN-TREES		· · · · · · · · · · · · · · · · · · ·				
PiP	1	ABIES CONCOLOR	WHITE FIR	10'-0" HT.	B. & B			
Pis	4	PINÛS ŜTROBÛS	WHITE PINE	10'-0" HT.	B. & B			
SHRUB	 S	39 SHRUBS		•				
EuC	12	EUONYMUS ALATUS 'COMPACTA'	COMPACT BURNING BUSH	5 GALLON				
TaC	12	VIBURNUM DENTATUM	EMERALD SPREADER JAPANESE YEW	5 GALLON				
ORNAM	IENTAL G	RASSES 28 ORNAMENTAL GRASSES		•				
Pv	19	PANICM VIRGATUM	SWITCH GRASS	1 GALLON				

RIGHT OF WAY (AUBURN) 130'-0" LENGTH:

REQUIRED 1 DECIDUOUS PER 35 FT + 1 ORNAMENTAL PER 60 FT = 4 DECIDUOUS + 2 ORNAMENTAL

PROVIDED 3 DECIDUOUS + 1 ORNAMENTAL

RIGHT OF WAY (JOHN R) 180'-0" LENGTH: REQUIRED

1 DECIDUOUS PER 35 FT + 1 ORNAMENTAL PER 60 FT = 5 DECIDUOUS + 3 ORNAMENTAL PROVIDED

4 DECIDUOUS + 3 ORNAMENTAL

BUFFER A (WEST) 176'-0" LENGTH:

REQUIRED 6'-0" WIDTH +1.5 DECIDUOUS + 1 EVERGREEN TREES +

4 SHRUBS PER 100 FT = 3 DECIDUOUS + 2 EVERGREEN + 7 SHRUBS PROVIDED

11'-0" WIDTH (MINIMUM) + 3 DECIDUOUS + 4 EVERGREEN + 18 SHRUBS

BUFFER A (SOUTH) 128'-0" LENGTH:

6'-0" WIDTH +1.5 DECIDUOUS + 1 EVERGREEN TREES + 4 SHRUBS PER 100 FT = 2 DECIDUOUS + 1 EVERGREEN + 5 SHRUBS

PROVIDED

12'-3" WIDTH + 2 DECIDUOUS + 1 EVERGREEN + 12 SHRUBS PARKING LOT PERIMETER (AUBURN) 70'-0" LENGTH:

REQUIRED

1 DECIDUOUS PER 25 FT + 1 ORNAMENTAL PER 35 FT + CONTINUOUS SHRUB HEDGE= 3 DECIDUOUS + 2 ORNAMENTAL + SHRUB HEDGE

PROVIDED 0 DECIDUOUS + 0 ORNAMENTAL + SHRUB HEDGE

PARKING LOT PERIMETER (JOHN R) 70'-0" LENGTH:

1 DECIDUOUS PER 25 FT + 1 ORNAMENTAL PER 35 FT + CONTINUOUS SHRUB HEDGE= 3 DECIDUOUS + 2 ORNAMENTAL + SHRUB HEDGE

PROVIDED 0 DECIDUOUS + 0 ORNAMENTAL + SHRUB HEDGE

PARKING LOT INTERIOR:

REQUIRED 5% OF PARKING LOT + 1 DECIDUOUS PER 150 SF LANDSCAPE AREA = (12,225 SF x 5%) = 611.25 SF / 150 TREE PER SF = 4 DECIDUOUS

0 DECIDUOUS

MINIMUM DISTANCE PROPERTY LINE 4 FEET PUBLIC SIDEWALKS SHADE TRESS 5 FEET ORNAMENTAL TRESS & EVERGREENS 10 FEET UNDERGROUND UTILITIES-TREES 5 FEET 15 FEET OVERHEAD UTILITIES-TREES

THE PLANTING OF TREES OR SHRUBS IS NOT PERMITTED WITHIN THE RIGHT-OF-WAY.

SHADE TREES SHOULD BE PLANTED A MINIMUM OF 15 FEET APART (WITH THE EXCEPTION OF BUFFER TREES).

EVERGREEN TREES SHOULD BE PLANTED A MINIMUM OF 12 FEET APART (WITH THE EXCEPTION OF BUFFER TREES).

ORNAMENTAL TREES SHOULD BE PLANTED A MINIMUM OF 10 FEET APART.

IRRIGATION NOTES

ONTO CITY PATHWAY.

ALL LANDSCAPED AREAS SHALL HAVE UNDERGROUND SPRINKLER SYSTEMS INSTALLED.

WATERING WILL ONLY OCCUR BETWEEN THE HOURS

OF 12 AM AND 5 AM. IRRIGATION OVERSPRAY SHALL NOT BROADCAST

LANDSCAPE COST ESTIMATE

UNIT PRICE INCLUDES MATERIAL AND LABO	OR .		
DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL PRICE
DECIDUOUS TREES (3" CAL.)	12	@ \$450.00	\$5,400.00
DECIDUOUS TREES (2" CAL.)	-	@ \$275.00	
EVERGREEN TREES (10' HT.)	5	@ \$650.00	\$3,250.00
ORNAMENTAL TREES (2" CAL.)	4	@ \$275.00	\$1,100.00
SHRUBS (5 GAL.)	24	@ \$40.00	\$960.00
ORNAMENTAL GRASSES	19	@ \$20.00	\$380.00
ANNUALS	-	ALLOWANCE	\$300.00
SUB-TOTAL PLANTINGS COST:			\$11,390.00
ADDITIONAL ITEMS:			
IRRIGATION SYSTEM	-	LUMP SUM	\$4,900.00
4" METAL EDGING	110 LIN. FT.	@ \$4.00	\$440.00
SOD	180 S.Y.	@ \$6.50	\$1,170.00
4" SHREDDED HARDWOOD MULCH	30 C.Y.	@ \$35.00	\$1,050.00
SUB-TOTAL ADDITIONAL ITEMS COST:			\$7,560.00
TOTAL LANDSCAPE COST:			\$18,950.00

SIGNAGE NOTES

SIGN SIGNAL POLE

15' CLEAR -VISION

TRIANGLE

►EX. ASPHALT ¬

EAST AUBURN ROAD

60' WIDE 1/2 RIGHT OF WAY

ASPHALT PAVEMENT

-15' CLEAR

TYPE A BUFFER

VISION

SIGN

1-GtR

EXISTING 6"-

DBH ELM

(REMOVED

DISEASED)

EXISTING 8" DBH ELM

(REMOVED DISEASED)

3054 John R Road Finish Floor: 715.83'

1/LS100 landscape plan - proposed

REFER TO SHEET LS1.1 FOR LANDSCAPE NOTES

TYPE A BUFFER

934 EAST AUBURN ROAD F.F=715.07

ALL NEW SIGNS MUST MEET SECTION 138-8.603 AND CHAPTER 134 OF THE CITY CODE OF ORDINANCES AND BE APPROVED UNDER A SEPARATE PERMIT ISSUED BY THE BUILDING DEPARTMENT.

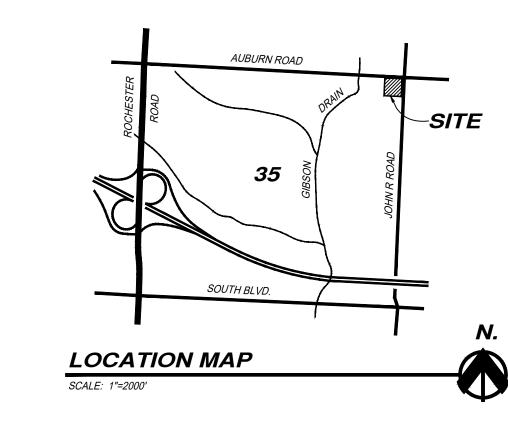
—25' CLEAR

VISION

1-Mal

TRIANGLE

MAIL BOX



PROPERTY DESCRIPTION

T3N, R11E, SEC 35 SUPERVISORS AVON TWP PLAT NO 7 E 158.60 FT OF N 205.90 FT OF LOT 1

NOTES:

BENCHMARK #401 NADV88 BENCHMARK #491

ELEV.=717.48

AT HYD ARROW ELEV.=717.14

> NADV88 AT HYD ARROW

TOTAL SITE PARKING 10 PARKING SPACES

Proposed Addition Alterations to:

pyright 2020 - BmK DESIGN+PLANNING LL

DESIGN+PLANNING

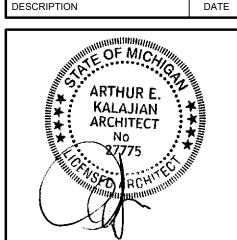
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Action 1 Qwik Service 996 E. Auburn Road Rochester Hills, MI 48307

Properties, LLC

Rochester, MI 48307

SITE PLAN REVIEW-3rd SUBMITTAL SITE PLAN REVIEW-2nd SUBMITTAL SITE PLAN REVIEW CONCEPT DESIGN REVIEW CONCEPT DESIGN REVIEW



LANDSCAPE

PLAN

PROJECT NUMBER:

CHECKED BY:

SHEET NUMBER:

CONCEPT DESIGN REVIEW

SHEET TITLE:

2017-131 DRAWN BY: KMB

3 WORKING DAYS **BEFORE YOU DIG**

CALL MISS DIG

standards, specifications, and guidelines for construction.

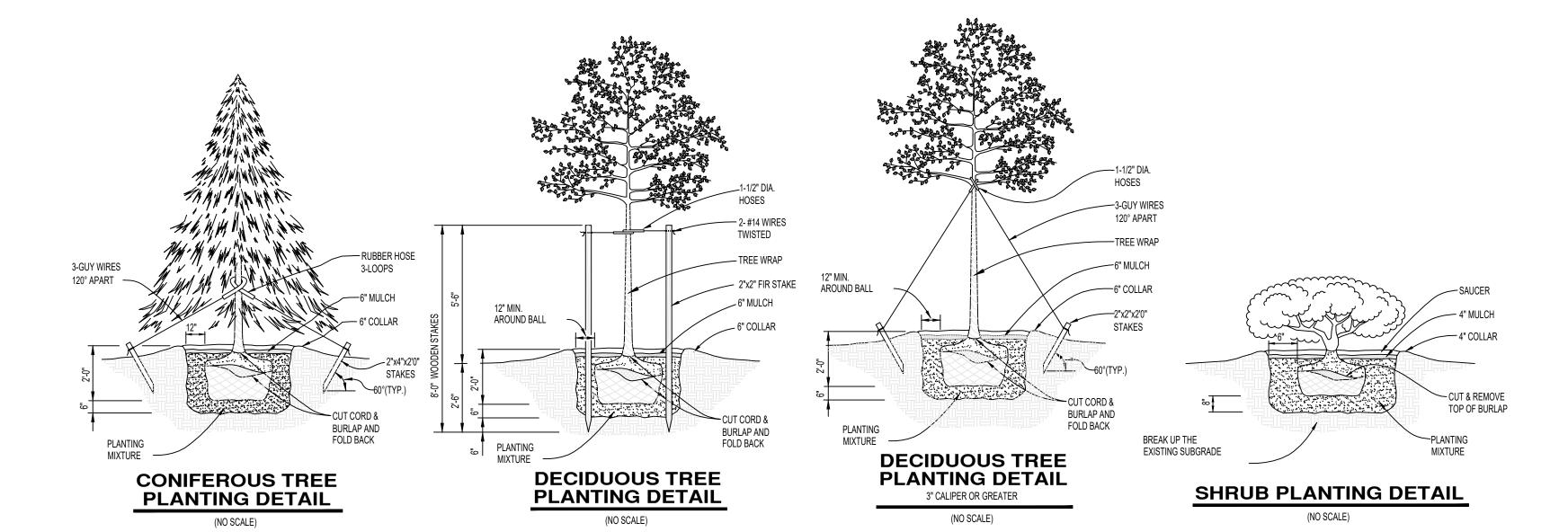
CONTRACTOR'S NOTE

The locations of existing underground utilities are shown in an approximate way only. The contractor shall determine the exact location of all existing utilities before commencing work. He agrees to be fully responsible for any and all damages which might be occasioned by his failure to exactly locate and preserve any and all underground utilities.

1-800-482-7171 (TOLL FREE) for the location

The contractor shall be responsible for adhering to all applicable local, state, and federal

Permit No.:



ROCHESTER HILLS LANDSCAPING NOTES

1. PRIOR TO THE RELEASE OF THE PERFORMANCE BOND, THE CITY OF ROCHESTER HILLS LANDSCAPE ARCHITECT MUST INSPECT ALL LANDSCAPE PLANTINGS INCLUDING BUT NOT LIMITED TO EXISTING TREES, REPLACEMENT TREES, BUFFER PLANTINGS, AND PARKING LOT ISLANDS AND THE FORESTRY DIVISION MUST INSPECT ALL RIGHT-OF-WAYS TO IDENTIFY ANY PLANTINGS NEW OR EXISTING THAT POSE A HAZARD TO THE SAFE USE OF THE RIGHT-OF-WAY. FORESTRY MAY REQUIRE THE DEVELOPER TO REMOVE AND POSSIBLY REPLACE ANY SUCH TREES. TREES MUST BE PLANTED A MINIMUM OF 5' FROM THE NEAREST UNDERGROUND UTILITY, UNLESS THE CITY'S LANDSCAPE ARCHITECT REQUIRES A GREATER DISTANCE.

2. ALL TREES AND SHRUBS MUST BE PLANTED AT LEAST 10' FROM THE EDGE OF A PUBLIC ROADWAY. SHADE TREES AND SHRUBS MUST BE PLACED AT LEAST 5' FROM THE EDGE OF THE PUBLIC WALKWAY. EVERGREEN AND ORNAMENTAL TREES MUST BE PLANTED AT LEAST 10' FROM THE EDGE OF A PUBLIC WALKWAY. ALL TREES AND SHRUBS MUST BE PLANTED AT LEAST 10' FROM ANY FIRE HYDRANT. SHADE AND EVERGREEN TREES MUST BE PLANTED AT LEAST 15' FROM THE NEAREST OVERHEAD WIRE AND AT LEAST 10' FROM THE NEAREST UNDERGROUND UTILITY.

- 3. NO TREE OR SHRUB MAY BE PLANTED WITHIN THE TRIANGULAR AREA FORMED AT THE INTERSECTION OF ANY STREET RIGHT-OF-WAY AT A DISTANCE OF 25' FROM THEIR POINT OF INTERSECTION. NO TREE OR SHRUB MAY BE PLANTED IN A TRIANGULAR AREA FORMED AT THE INTERSECTION OF ANY DRIVEWAY WITH A PUBLIC SIDEWALK AT A DISTANCE ALONG EACH LINE OF 15' FROM THEIR POINT OF INTERSECTION.
- 4. PRIOR APPROVAL IS REQUIRED TO PLANT ANY TREE OR SHRUB IN THE PUBLIC RIGHT-A-WAY.
- 5. NO SUBSTITUTIONS OR CHANGES OF LOCATION OR PLANT TYPES SHALL BE MADE WITHOUT THE APPROVAL OF THE DEVELOPER AND THE CITY OF ROCHESTER HILLS LANDSCAPE ARCHITECT.
- 6. THE DEVELOPER AND/OR THE CITY OF ROCHESTER HILLS LANDSCAPE ARCHITECT SHALL HAVE THE RIGHT, AT ANY STAGE OF THE INSTALLATION, TO REJECT ANY WORK OR MATERIAL THAT DOES NOT MEET THE REQUIREMENTS OF THE PLANS OR SPECIFICATIONS.
- 7. REPLACEMENT TREES MAY NOT BE PLANTED WITHIN THE DRIP LINE OF EXISTING TREES.
- 8. TREES MUST BE AT LEAST 10' FROM UNDERGROUND UTILITIES AND 15' FROM OVERHEAD UTILITIES.
- 9. ALL TREES MUST BE STAKED, FERTILIZED AND MULCHED AND SHALL BE GUARANTEED TO EXHIBIT A NORMAL GROWTH CYCLE OF AT LEAST TWO (2) FULL YEARS FOLLOWING PLANTING.
- 10. PLANTS SHALL BE FULL, WELL-BRANCHED, AND IN HEALTHY VIGOROUS GROWING CONDITION.
- 11. PLANTS SHALL BE WATERED BEFORE AND AFTER PLANTING IS COMPLETE.
- 12. ALL MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED IN THE MOST RECENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK. PROVIDE CLEAN BACKFILL SOIL, USING MATERIAL STOCKPILED ON SITE. SOIL SHALL BE SCREENED AND FREE OF ANY DEBRIS, FOREIGN MATERIAL, AND STONE.
- 13. "AGIFORM" TABS OR SIMILAR SLOW-RELEASE FERTILIZER SHALL BE ADDED TO THE PLANTING PITS BEFORE BEING BACKFILLED.
- 14. ALL PLANTINGS SHALL BE MULCHED WITH SHREDDED HARDWOOD BARK, SPREAD TO A MINIMUM DEPTH OF 4". MULCH IS TO BE FREE FROM DEBRIS AND FOREIGN MATERIAL, AND SHALL CONTAIN NO PIECES OF

15. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK SHOWN ON THE LANDSCAPE DRAWINGS AND SPECIFICATIONS.

- 16. THE DEVELOPER SHALL BE NOTIFIED OF ANY DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS PRIOR TO INSTALLATION.
- 17. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL PLANT MATERIAL IN A VERTICAL CONDITION THROUGHOUT THE GUARANTEED PERIOD.
- 18. CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING PLANT QUANTITIES TO ENSURE QUANTITIES ON DRAWINGS AND PLANT LIST ARE THE SAME. IN THE EVENT OF A DISCREPANCY, THE QUANTITIES ON THE PLANS SHALL PREVAIL.
- 19. THE LANDSCAPE CONTRACTOR SHALL INSTALL SOD OVER ALL AREAS DISTURBED DURING CONSTRUCTION, THROUGHOUT THE DEVELOPMENT.

- 20. A PRE-EMERGENT WEED CONTROL AGENT, "PREEN" OR EQUAL SHALL BE APPLIED UNIFORMLY TO ALL PLANTING BEDS PRIOR TO MULCHING.
- 21. ALL LANDSCAPED AREAS SHALL HAVE UNDERGROUND SPRINKLER SYSTEMS INSTALLED.
- 22. PRIOR TO THE RELEASE OF THE PERFORMANCE BOND, THE CITY OF ROCHESTER HILLS FORESTRY DIVISION NEEDS TO INSPECT ALL TREES, EXISTING AND PLANTED, TO IDENTIFY ANY THAT POSE A HAZARD TO THE SAFE USE OF PUBLIC RIGHT OF WAY. FORESTRY MAY REQUIRE THE DEVELOPER TO REMOVE, AND POSSIBLY REPLACE, ANY SUCH TREES.
- 23. DURING CONSTRUCTION OR DEVELOPMENT ACTIVITY, NO PERSON SHALL ATTACH ANY DEVICE OR WIRE TO ANY REGULATED TREE NOT APPROVED FOR REMOVAL.
- 24. THE LOCATION FOR TREES THAT NEED TO BE PLACED IN THE RIGHT OF WAY PER CITY ORDINANCE WILL HAVE TO BE DISCUSSED WITH THE FORESTRY DIVISION.

ROCHESTER HILLS MAINTENANCE NOTES

SECTION 138-12.109

THE OWNER OF THE PROPERTY SHALL BE RESPONSIBLE FOR ALL MAINTENANCE OF SITE LANDSCAPING, AS FOLLOWS:

- A. LANDSCAPING SHALL BE KEPT IN A NEAT, ORDERLY AND HEALTHY GROWING CONDITION, FREE FROM DEBRIS AND REFUSE
- B. PRUNING SHALL BE MINIMAL AT THE TIME OF INSTALLATION, ONLY TO REMOVE DEAD OR DISEASED BRANCHES. SUBSEQUENT PRUNING SHALL ASSURE PROPER MATURATION OF PLANTS TO ACHIEVE THEIR APPROVED PURPOSE.
- C. ALL DEAD, DAMAGED, OR DISEASED PLANT MATERIAL SHALL BE REMOVED IMMEDIATELY AND REPLACED WITHIN SIX (6) MONTHS AFTER IT DIES OR IN THE NEXT PLANTING SEASON, WHICHEVER OCCURS FIRST. FOR PURPOSES OF THIS SECTION, THE PLANTING SEASON FOR DECIDUOUS PLANTS SHALL BE BETWEEN MARCH 1 AND JUNE 1 AND FROM OCTOBER 1 UNTIL THE PREPARED SOIL BECOMES FROZEN. THE PLANTING SEASON FOR EVERGREEN PLANTS SHALL BE BETWEEN MARCH 1 AND JUNE 1. PLANT MATERIAL INSTALLED TO REPLACE DEAD OR DISEASED MATERIAL SHALL BE AS CLOSE AS PRACTICAL TO THE SIZE OF THE MATERIAL IT IS INTENDED TO REPLACE. THE CITY MAY NOTIFY PROPERTY OWNERS OF THE NEED TO REPLACE DEAD, DAMAGED, OR DISEASED MATERIAL.
- THE APPROVED LANDSCAPE PLAN SHALL BE CONSIDERED A PERMANENT RECORD AND INTEGRAL PART OF THE SITE PLAN APPROVAL. UNLESS OTHERWISE APPROVED IN ACCORDANCE WITH THE AFOREMENTIONED PROCEDURES, ANY REVISIONS TO OR REMOVAL OF PLANT MATERIALS, OR NON-COMPLIANCE WITH THE MAINTENANCE REQUIREMENTS OF THIS SECTION 138-12.109 WILL PLACE THE PARCEL IN NON-CONFORMITY WITH THE APPROVED LANDSCAPE PLAN AND BE A VIOLATION OF THIS ORDINANCE.
- E. IF PROTECTED TREES ARE DAMAGED, A FINE SHALL BE ISSUED ON AN INCH-BY-INCH BASIS AT A MONETARY RATE AS DEFINED BY THE FORESTRY DEPARTMENT.



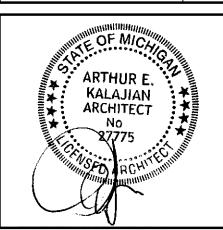
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Proposed Addition Alterations to:

Action 1 Qwik Service 996 E. Auburn Road Rochester Hills, MI 48307

Properties, LLC Rochester, MI 48307

SITE PLAN REVIEW-3rd SUBMITTAL	11/06/20
SITE PLAN REVIEW-2nd SUBMITTAL	09/21/20
SITE PLAN REVIEW	03/13/20
CONCEPT DESIGN REVIEW	01/15/20
CONCEPT DESIGN REVIEW	11/21/19
CONCEPT DESIGN REVIEW	10/11/19
DESCRIPTION	DATE



SHEET TITLE: LANDSCAPE

DETAILS & NOTES PROJECT NUMBER:

2017-131 DRAWN BY:

CHECKED BY: AEK

SHEET NUMBER:

Permit No.:

EAST AUBURN ROAD 60' WIDE 1/2 RIGHT OF WAY ASPHALT PAVEMENT

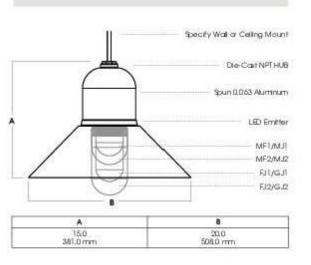
0.0 0.0 0.0 0.1 0.1 0.1 0.2 /0.2 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.1 0.2 0.2 0.3 0.3 0.3 0.2 0.2 0.3 0.4 0.4 0.3 0.4 0.2 0.0 0.0 0.0 $0.0 \quad 0.0 \quad 0.2 \quad 0.3 \quad 0.3 \quad 0.4 \quad 0.5 \quad 0.4 \quad 0.3 \quad 0.3 \quad 0.4 \quad 0.6 \quad 0.6 \quad 0.6 \quad 0.5 \quad 0.4 \quad 0.1 \quad 0.1 \quad 0.0 \quad 0.0$ $0.0 \quad 0.0 \quad 0.2 \quad 0.4 \quad / \quad 0.5 \quad 0.7 \quad 0.7 \quad 0.7 \quad 0.5 \quad 0.4 \quad 0.6 \quad 0.8 \quad 0.9 \quad 0.9 \quad 0.7 \quad 0.7 \quad 0.2 \quad 0.1 \quad 0.1 \quad 0.0$ $0.0 \quad 0.1 \quad 0.2 \quad 0.6 \quad 0.7 \setminus 1.0 \quad 1.0 \quad 0.9 \quad 0.7 \quad 0.5 \quad 0.7 \quad 1.0 \quad 1.2 \quad 1.1 \quad 1.0 \quad 1.1 \quad 0.4 \quad 0.2 \quad 0.1 \quad 0.0 \quad 0.0$ 0.1 0.1 0.2 0.8 0.9 1.1 1.3 1.2 0.9 0.5 0.7 1.1 1.4 1.4 1.5 1.6 0.7 0.3 0.1 0.0 $0.1 \ 0.1 \ 0.3 \ 1.7 \ 1.4 \ 1.5 \ 1.4 \ 1.0 \ 0.6 \ 0.6 \ 1.1 \ 1.5 \ 1.4 \ 1.7 \ 0.5 \ 0.3 \ 0.2 \ 0.1$ A @ 20' 0.1 0.2 0 4 1.1 18 1.7 1.5 1.5 1.1 0.7 0.6 1.0 1.5 1.4 1.5 1.6 0 9 0.3 0.2 0 0.0 0.2 0.3 0.4 9 1.8 1.6 1.6 1.2 0.9 0.7 1.0 1.3 1.3 1.2 1.0 0.6 0.2 0.1 0.0 0.1 0.3 0.6 1/8/2/4/2.9 2.8 1.5 0.9 0.7 0.9 1.0 1.1 0.9 0.8 0.5 0.1 0.1 0.0 B @ 12" -0.0 0.1 0.2 0.5 2.0 5.1 B @ 12 5.8 B @ 10' \1\4 1.0 0.7 0.7 0.8 0.8 0.7 0.6 0.4 0.1 0.1 3.0 1.2 0.7 0.6 0.6 0.6 0.5 0.4 0.3 0.1 0.1 0.0 0.0 0.0 0.1 0.3 0.5 B @ 12' 2.1 0.6 0.4 0.4 0.4 0.4 0.4 0.3 0.1 0.1 /0.1 0.0 0.0 0.1 0.1 0.1 0.4 B @ 12' 0.0 0.0 0.0 0.0 3.0 1.0 0.5 0.5 0.5 0.5 0.4 0.3 0.2 0.1 B @ 12' 0.0 0.0 0.0 0.0 3.9 1.7 1.0 0.9 0.9 0.9 0.8 0.6 0.4 0.3 0.2 **B @ 12'***\°4.6 2.4 1.5 1.3 1.3 1.3 1.0 0.8 0.5 0.3 0.2 0.0 0.0 0.0 0.0 0.0 0.0 3.2 1.8 1.5 1.5 1.4 1.1 0.9 0.5 0.3 0.2 00 0.0 0.0 0.0 0.0 \$0.0 B @ 12' 3.6 1.9 1.6 1.6 1.3 1.0 0.7 0.5 0.3 0.1 0.0 0.0 0.0 0.0 0.0 0.0 B @ 12' 1.7 1.8 1.4 0.9 0.7 0.5 0.3 0.2 $0.0 \quad 0.0 \quad 0.0 \quad 0.0 \quad 0.0 \quad 0.0$ 0.0 0.0 0.0 0.0 0.0 0.1 0.2 0.4 0.6 1.4 1.4 1.6 1.6 1.2 0.7 0.4 0.2 0.1 0.0 $0.0 \quad 0.0 \quad 0.1 \quad 0.1 \quad 0.2 \quad 0.2 \quad 0.2 \quad 0.2 \quad 0.1 \quad 0.1 \quad 0.0 \quad 0.0 \quad 0.0$

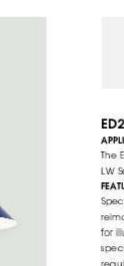
1/LPH100 photometric plan

SCALE: 1" = 20.0'

D-Series Size 0 LED Area Luminaire lighting facts Capable Luminaire This item is an A+ capable luminaire, which has been designed and tested to provide consistent color Specifications appearance and system-level interoperability. All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency This luminaire is A+ Certified when ordered with DTL[®] controls marked by a shaded background. DTL DLL Width: equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability1 This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background To learn more about A+, visit www.acuitybrands.com/aplus. See ordering tree for details. 2. A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: Link to Roam; Link to DTL DLL A+ Capable options indicated by this color background. EXAMPLE: DSX0 LED P6 40K T3M MVOLT SPA DDBXD Ordering Information DSX0 LED Voltage Mounting DSX0 LED Forward optics 3000K T1S Type short TSS Type V short MVOLT 43 Shipped included P1 P4 P7 40K 4000K T2S Type I short TSM Type V medium Square pole mounting 50K 5000K T2M Type II medium T5W Type V wide Roundpole mounting AMBPC Amber phosphor T3S Type III short BLC Backlight control 1.1 WBA Wall bracket SPUMBA **Rotated optics** T3M Type III medium LCCO Left comer out off^{2,1} Square pole universal mounting adaptor 1 347 14 T4M Type IV medium RCCO Right comer RPUMBA Round pole universal mounting adaptor a P111 P131 TFIM Forward throw Shipped separately medium KMAS DDBXD-U Mast arm mounting bracket adaptor T5V5 Type V very short DDBXD Dark bronze Shipped installed PIRH1FC3V 8-level, motion/ambientsensor, Shipped installed NLTAIR2 InLight AIR generation Zenabled^{III} DBLXD Black HS House-side shrield 21 SF Single fuse (1.20, 277, 347V) 1 PER NBMA twist-lock recontacte only (control) or dated separately DMAXD Natural aluminum BL30 8i-level switched dimming, 30% 13 DF Double fuse (208, 240, 480V)[±] DWHXD White BLSO Bi-level switched dimming, 50% AND 190 Left rotated optics 1 DDBTXD Textured dark bronze PWMTDD3 Part riight, dim till dawn 18 R90 Right rotated optics.1 DBLBXD Textured black DMG 0-10V dimming extend out back of housing for external control (control ordered separate) PMMT5D3 Part night, dim Shrs 178 Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5% 11.14 DDL Diffused drop lens 31 DNATXD Textured natural PNMT6D3 Ratt night, dim 6hr s 118









Spectrum Lighting's RLM Classics are reproductions of early American lighting fixtures reimagined with modern LED light sources and materials. The wide range of options for illumination, mounting, enclosures, guards and finishes allows for creative fixture specification and design. LED driver is integral to fixture, special driver canopy is required. LED module and driver are serviceable for future replacement.

EXPANDED DOME

CLASSIC SERIES / 2000 LUMENS

Multi-stage polyester powder-coat process applied on our dedicated paint lines. Variety of standard and custom finishes are available. Matte White Interior finish standard. Custom Color interior finish available.

LW LED system features high brightness white Nichia LED's, 3 step MacAdam Ellipse binning. Standard CRI: 85+. Higher CRI; R9 and custom LED configurations are available; consult factory. Choice of electronic 120V/277V and dimming drivers.

Fixture shades are spun in our factory from 0.063 high purity aluminum, Wall mount canopies are die-cast aluminum with stainless steel hardware. Wall arms are formed 3/4 NPT aluminum pipe.

CODE COMPLIANCE ARRA Compliant. ETL/CSA listed for wet locations. Manufactured and tested to UL

standards No. 1598/8750.

WATTAGE/LUMENS DATA					
PART NUMBER	SO UNCE LUMENS	SYSTEM WATTS			
ED2015LW10L	1000	81			
ED/2016LW20L	2000	158			



LIGHTING INC. WWW.SPECLIGHT.COM • 994 JEFFERSON STREET, FALL RIVER, MA 02721 • 508.678.2303 FAX 508.678.2260

Dimensions and values shown are nominal. Spectrum, lighting continually works to improve products and service the right to make changes which may after the performance or appearance of products.

Notes to the Control of Stock 2 Contact Factory for Additional Options 3 See Enclosures & Guards Page for Wire Guards and Additional Option I Standard Enclosure 5 See Mounting Pages for EM Options and Detats on Components and Finishes 6 Regulated for All Driver 7 See Mounting Page for World Arm Options 8 Specify Length in Inches 9 Standard Interior Firish 10 See Color Page for More Optiona/Consult Factory for Special Finishe

PROJECT:

CLIENT:

lwas Properties, LLC 111 South Street

Rochester, MI 48307

Proposed Addition

Alterations to:

Action 1 Qwik Service

996 E. Auburn Road

Rochester Hills, MI 48307

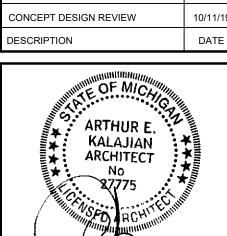
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DESIGN+PLANNING

Z

PROJECT:

SITE PLAN REVIEW-3rd SUBMITTAL SITE PLAN REVIEW-2nd SUBMITTAL CONCEPT DESIGN REVIEW CONCEPT DESIGN REVIEW



PHOTOMETRIC PLAN

PROJECT NUMBER: 2017-131 DRAWN BY

CHECKED BY:

PH100 Permit No.:

PIRH (9-level, motion/ambient sensor, 15-30 mounting height, ambient sensor enabled at 56 3 11.3 Shipped separately PNMT7D3 Part night, dim 7 hrs 118 DWHGXD Textured white PIRHN Nework, Si-Level motion/ambient sensor¹¹ BS Gird spikes⁽¹⁾ Reld adjustable output™ PIRTEGIV 8:-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 16c1 xxxx EGS External glare shidd¹¹ LITHONIA LIGHTING. One Lithonia Way . Convers, Georgia 30012 . Phone: 800,279,8041 . www.lithonia.com © 2011 2018 Acuity Brands Lighting, Inc. All rights reserved.

General Note

- 1. SEE SCHEDULE FOR LUMINAIRE MOUNTING HEIGHT.
- 2. SEE LUMINAIRE SCHEDULE FOR LIGHT LOSS FACTOR.
- 3. CALCULATIONS ARE SHOWN IN FOOTCANDLES AT: GRADE

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

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

Statistics									
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	Avg/Max		
Grade	+	0.6 fc	5.8 fc	0.0 fc	N/A	N/A	0.1:1		
Parking	*	1.3 fc	5.8 fc	0.4 fc	14.5:1	3.3:1	0.2:1		

Symbol	Label	QTY I	Manufacturer Ca	talog Number	Description	Number Lamps	Lumens per Lamp	LLF	Wattage	Lamp
	A	3	2 2		DSX0 LED P4 40K TFTM MVOLT with houseside shield	1	8243	0.9	92	LED
\bigcirc	В	9	Spectrum Lighting		Nom. 20" diam. x 15.0" H, Expanded Dome RLM Classic	1	1151	0.9	10	N/A, Gen3