

- SITE PLAN KEYNOTES**
- OFF-STREET PARKING STALLS STRIPING - 4" WIDE STALL LINES, USE HIGH VISIBILITY WHITE PAINT. SPACES PROVIDED (8) 19'-0"x 9'-0" MINI GENERAL PARKING (NEW AND EXISTING) (2) 19'-0"x 8'-0" ACCESSIBLE PARKING STALLS WITH (1) 19'-0"x 8'-0" LOADING ZONE
 - ADA ACCESSIBLE PARKING SPACE WITH LOADING ZONE. PROVIDE APPROPRIATE STRIPING AND PAVEMENT MARKINGS.
 - 4" WIDE HIGH VISIBILITY, PAVEMENT STRIPING, LANE MARKINGS AND TEXT. COLOR: HC MARKINGS- BLUE, ALL OTHERS- YELLOW.
 - REPAIR/ REPLACE EXISTING #1 INTEGRAL CONCRETE CURB/ WALK. SEE DETAIL 15P2 FOR NON-FISH SECTIONS. CONCRETE SEALER: TK-26UV
 - 30" HT., #1 DIA. CONCRETE FILLED PE BOLLARD PER DETAIL 21P2
 - PAVEMENT REPAIR/ REPLACEMENT FOR GRADING MATCH EXISTING PROFILE
 - HC PVC BOLLARD SLEEVE PER OWNER VAN ACCESS SIGNAGE AT 48" HT. STALL PARKING AT 60" HT.
 - 8'-6" CONCRETE CURB AND GUTTER MATCH NEW CURBING INTO EXISTING
 - LANDSCAPE AREA PER SHEET L1
 - EXISTING SITE TRADEMARK SIGNAGE REMOVE/ RELOCATE PER SIGNAGE PLAN

CONSTRUCTION NOTE:

- Construction fencing to be installed around entire construction site. Coordinate with owner for fencing and gate locations and appropriate signage installation.
- LAYOUT NOTES:
 - PLAN PREPARED FROM AN ALTA/SURVEY LAND TITLE SURVEY CURBS ARE DIMENSIONED TO FACE OF CURB.
 - UNLESS SHOWN OTHERWISE ON THIS DRAWING, CONTRACTOR SHALL PROVIDE CONTROL JOINTS, CONSTRUCTION JOINTS, AND EXPANSION JOINTS IN SLAB ON GRADE, SIDEWALKS AND DRIVES. DISTANCE: WALKS- 8' O.C., ALL OTHERS- 10' O.C. SAW CUT CONTROL JOINTS MINIMUM ONE-QUARTER CONCRETE THICKNESS. JOINT MAXIMUM EXPANSION WALKS- 24' O.C., ALL OTHERS- 40' O.C. OVER ALL EXPANSION JOINTS- MAXIMUM 24" O.C.
 - CONCRETE ISLAND FACE SHALL BE SMOOTH FINISHED.
 - EXTERIOR CONCRETE SURFACES TO BE SEALED. CONCRETE SEALER: APR 15- OCT 31 USE: TK-26UV NOV 1- DEC 31 USE: TK-290
 - EXPANSION JOINTS SHALL BE DECK-O-FOAMED AND CAULKED WITH SLT.

811
Know what's below.
Call before you dig.

NORTH

SCALE: 1" = 20'

20' 10' 0' 20'

PLOTTING NOTE: PLANS PLOTTED TO 11X17 SHEET SIZE ARE 1/2 SCALE. "A-01"

SITE PLAN

CONVENIENCE STORE 743 BUILDING ADDITION

W7298 HWY 10/114
MENASHA, WISCONSIN

NO. DATE DESCRIPTION
11/7/12 Initial comments

DRAWN BY: []
SCALE: GRAPHIC
PROJ. NO.: 12-000
DATE: 2012 SEP 21
SHEET: SP1

INSITES

3030 Harbor Lane North, Ste 131
Plymouth, Minnesota 55447
763.383.8400
147.333.5488

ROBERT L. MUELLER
LAND SURVEYOR
STATE OF WISCONSIN
REG. NO. 10212
EXPIRES 12/31/2012

Kwik Trip, Inc.
P.O. BOX 2107
1626 OAK STREET
LACROSSE, WI 54602-2107
PH. (608) 781-8988
FAX (608) 781-8980

STARS STORES

KWIK STORES

TRIP STORES



PROJECT TITLE:
Store #743
 1870 S. Hwy 10/114
 Menasha, WI

PROJECT NO:
1081.24
 DRAWING DATE:
 10/12/12

DRAWN BY:
 kmb & jar

SET TYPE:
 Construction Documents

REVISIONS NO.	DATE

SHEET TITLE
 Exterior Elevations

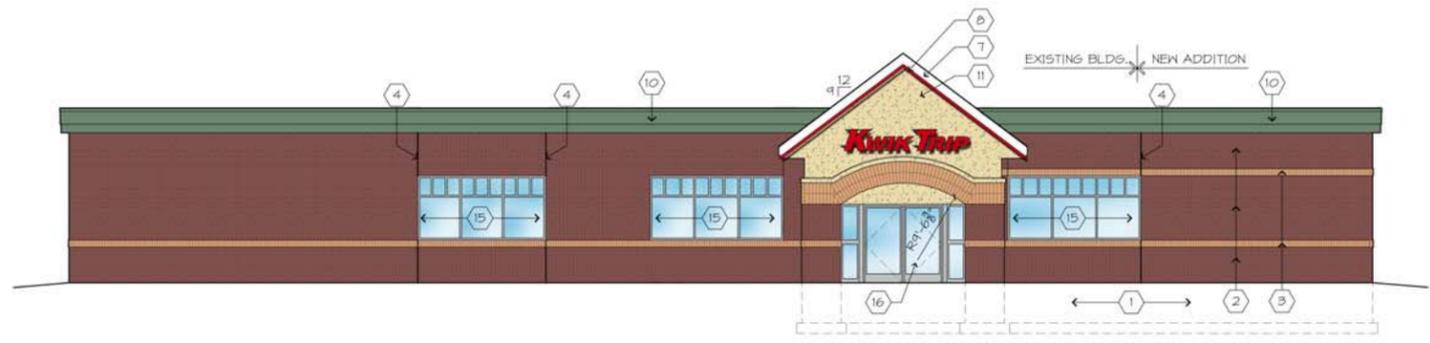
SHEET NO.
A200

GENERAL NOTES

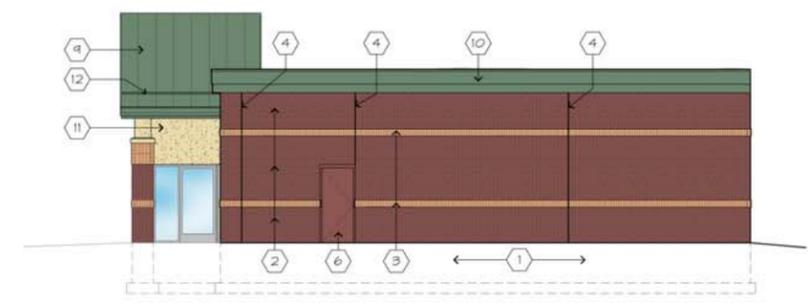
- A. CONTROL JOINT SEALANT SHALL MATCH COLOR OF BRICK (TYPICAL).

ELEVATION KEY NOTES

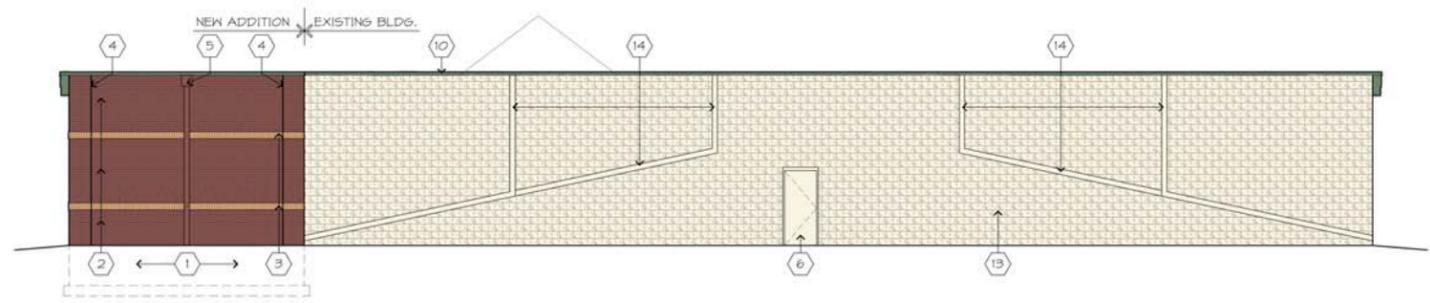
- 1 NEW CMU FOUNDATION & CONCRETE FOOTING. ALTERNATE OPTION: CAST-IN-PLACE CONC. FDN.
- 2 RED BRICK VENEER & TYPE IV MORTAR.
- 3 TAN BRICK SOLDIER COURSE
- 4 CONTROL JOINT SEALANT COLOR TO MATCH BRICK COLOR. SEE DETAIL 3/A105.
- 5 PRE-FINISHED METAL DOWNSPOUT. SEE 1/A302. UNI-CLAD - REGAL RED.
- 6 NEW HOLLOW METAL DOOR & FRAME
- 7 ALUMINUM FASCIA - WHITE.
- 8 ALUMINUM FASCIA - RED.
- 9 STANDING SEAM METAL ROOFING - UNI-CLAD HEMLOCK GREEN.
- 10 PRE-FINISHED METAL CORNICE - UNI-CLAD HEMLOCK GREEN.
- 11 EIFS. COLOR: TAN.
- 12 SNOW RETENTION BAR.
- 13 EXISTING SPLIT FACE VENEER TO REMAIN. PAINT.
- 14 EXISTING DOWNSPOUT TO REMAIN.
- 15 NEW WINDOW.
- 16 NEW ALUM. ENTRANCE.



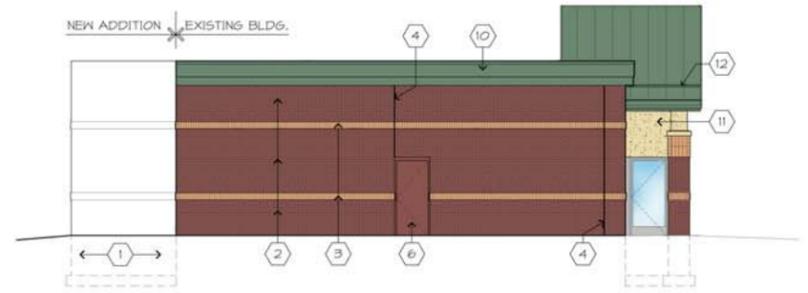
1 SOUTH ELEVATION
 1/8"=1'-0"



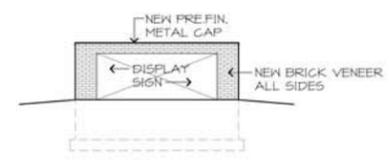
2 WEST ELEVATION
 1/8"=1'-0"



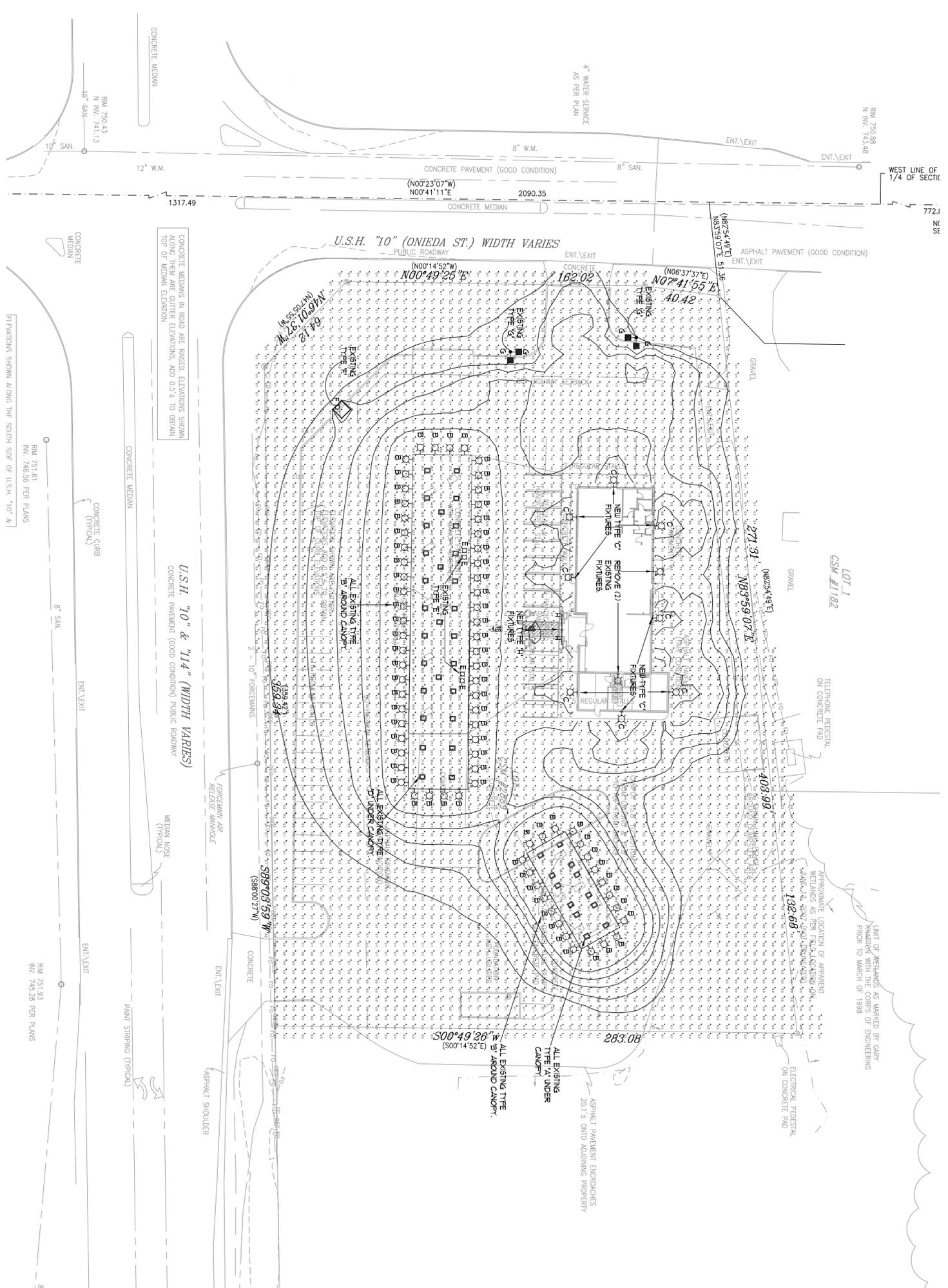
3 NORTH ELEVATION
 1/8"=1'-0"



4 EAST ELEVATION
 1/8"=1'-0"



5 SIGN ELEVATION
 1/8"=1'-0"



LIMIT OF WETLANDS AS MARKED BY GARY RUSSELL WITH THE CONFS OF ENGINEERING FROM 10 MARCH OF 1999

APPROXIMATE LOCATION OF APPARENT WETLANDS AS PER FIELD SURVEY ON JANUARY 20, 2011 BY JIMMY L. JENSEN, P.E. CONSULTING ENGINEER

CALCULATION STATISTICS

AVERAGE: 5.3fc
 MAXIMUM: 57.0fc
 MINIMUM: 0.0fc

FIXTURE TYPES:

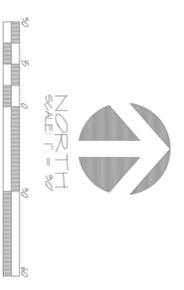
- A - EXISTING UNDER CANOPY LIGHT
- B - EXISTING LIGHT MOUNTED TO EDGE OF CANOPY
- C - WALL MOUNTED - RAIL LIGHTING (VALC065-M-B) WALL-FILLER START METAL HALIDE MOUNTING AT 14' AFF. TO TOP OF FIXTURE
- D - EXISTING UNDER CANOPY LIGHT
- E - EXISTING FLOODLIGHT
- F - EXISTING GROUND MOUNTED FLAG POLE FLOOD LIGHT
- G - EXISTING POLE MOUNTED LIGHT
- H - HEAVY-DUTY HO STRIP LIGHT (LITR04L - 8' H-LAMP FLUORESCENT MOUNTING HEIGHT. SEE ARCHITECTURAL ELEVATIONS

FIXTURE SYMBOLS:

- EXISTING LIGHT MOUNTED UNDER CANOPY
- WALL MOUNTED EXISTING FIXTURE MOUNTED ON EDGE OF CANOPY
- ⊠ EXISTING FLOOD LIGHT
- EXISTING POLE MOUNTED FIXTURE
- ⊖ INDUSTRIAL STRIP LIGHT

PHOTOMETRIC SITE PLAN

SCALE 1" = 30'-0"



ELEVATIONS SHOWN ALONG THE SOUTH SIDE OF U.S.H. "10" & "14"

CONCRETE MEDIANS IN ROAD ARE RAISED. ELEVATIONS SHOWN ALONG THEM ARE GUTTER ELEVATIONS. ADD 0.5' ± TO OBTAIN TOP OF MEDIAN ELEVATION

NO.	DATE	DESCRIPTION

PHOTOMETRIC LIGHTING PLAN

CONVENIENCE STORE 743 BUILDING ADDITION

W7298 HWY 10/114
 MENASHA, WISCONSIN

DRAWN BY: _____
 SCALE: GRAPHIC
 PROJ. NO.: 12-_____
 DATE: 2012 SEP 21
 SHEET: E1

CZARNECKI ENGINEERING INCORPORATED

599 OAK CREEK SUITE 200 - MENASHA, WI 53071
 VOICE: (608) 781-8988 FAX: (608) 781-8960
 1825 W. STATE ST. MENASHA, WI 53071

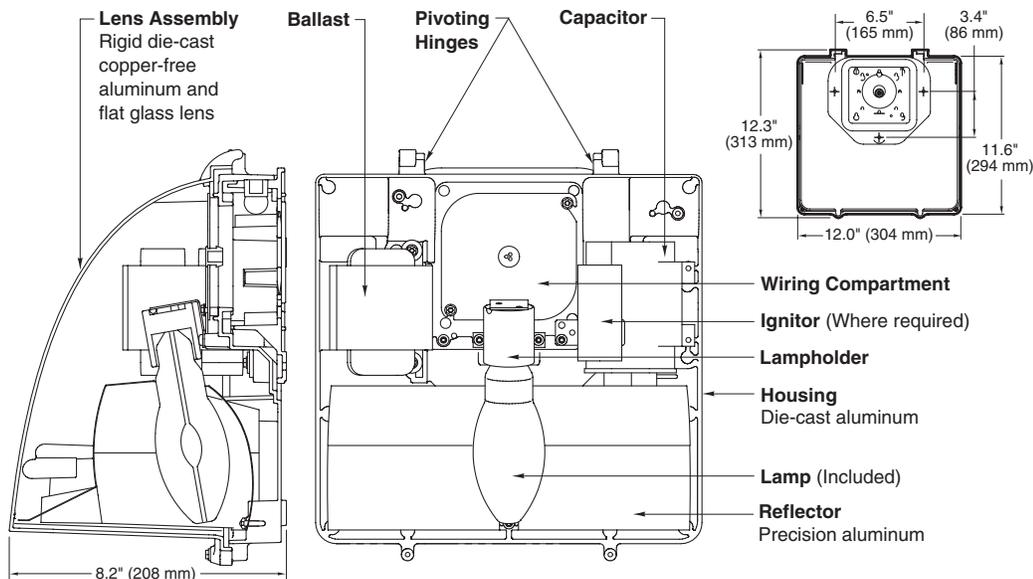
Kwik Trip, Inc.
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 PH: (608) 781-8988
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STARS STORES

Kwik TRIP

STARS STORES

12" FULL CUTOFF WALL PACK



SPEC #	WATTAGE	CATALOG #
PULSE START METAL HALIDE		
	50W PSMH	MGWC0405-(a)(b)
	70W PSMH	MGWC0407-(a)(b)
	100W PSMH	MGWC0410-(a)(b)
	150W PSMH	MGWC0615-(a)(b)
HIGH PRESSURE SODIUM		
	50W HPS	MGWC0505-(a)(b)
	70W HPS	MGWC0507-(a)(b)
	100W HPS	MGWC0510-(a)(b)
	150W HPS	MGWC0515-(a)(b)

Specify (a) Voltage & (b) Options.

(a) VOLTAGE SUFFIX KEY	
D	120/277V (Standard: 50W HPS)
M	120/208/240/277V (Standard: PSMH; 70 – 150W HPS)
T	120/277/347V (Canada Only) (Standard: PSMH; 70 – 150W HPS)
1	120V
2	277V
27	277V Reactor (150W PSMH Only)
3	208V
4	240V
5	480V (70 – 100W PSMH; 70 – 100W HPS)
6	347V (Canada Only)

For voltage availability outside the US and Canada, see Bulletin TD-9 or contact your Ruud Lighting authorized International Distributor.

(b) OPTIONS (factory-installed)	
-(a)F	Fusing
-(a)P	Button Photocell
Q	Quartz Standby (includes 100W quartz lamp) (N/A on 277V Reactor)

Specify (a) Single Voltage — See Voltage Suffix Key

GENERAL DESCRIPTION

Full Cutoff Wall Pack fixture for HID lamp, totally enclosed. Housing is seamless copper-free die-cast aluminum. Lens assembly consists of a hinged, rigid die-cast copper-free aluminum frame and clear borosilicate glass lens held securely inside. Lens frame is easily removable and allows for easy attachment and serviceability using top pivoting hinge. Complete silicone gasketing around lens and gasketing at mounting provide a watertight seal. A precision specular aluminum reflector provides forward throw with wide distribution to ensure wide fixture spacings and maximum light levels. Fixture design provides excellent IES Full Cutoff light distribution without glare. The optical chamber is sealed to reduce dirt and insect contamination. Furnished with e-coated, copper-free, lightweight mounting box designed for installation over standard 4-inch square or octagonal and single-gang J boxes and for conduit entry from top, sides and rear. Designed and approved for easy through-wiring. All fixtures use vertical-lamp position.

ELECTRICAL

Fixture includes clear, medium-base lamp. Pulse-rated porcelain enclosed, 4kv-rated screw-shell-type lampholder. Lamp ignitor included where required. Fixtures require a minimum 90°C temperature feed wire. All ballast assemblies are high-power factor and use the following circuit types:

120V Reactor
50 – 150W HPS

277V Reactor
150W PSMH

HX — High Reactance
50 – 150W PSMH; 50 – 150W HPS

LABELS

ANSI lamp wattage label supplied, visible during relamping. UL Listed in the US and Canada for wet locations.

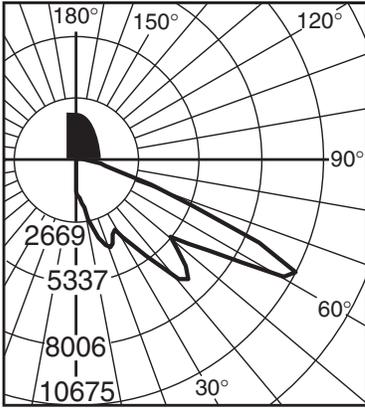
FINISH

Exclusive Colorfast DeltaGuard® finish features an E-coat epoxy primer with medium bronze ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. The finish is covered by our seven-year limited warranty.

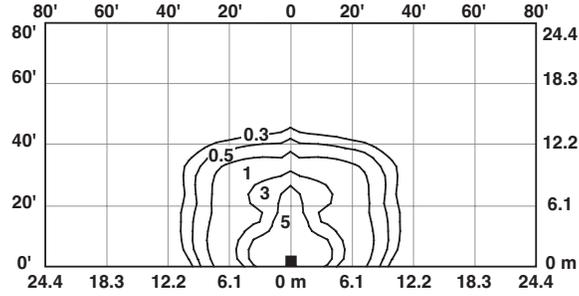
PATENTS

6,867,959; 7,354,177; D577,146; Patents Pending.

Isofootcandle plots show initial footcandles at grade. (Footcandles ÷ 0.0929 = Lux)



Candlepower Distribution Curve of 150W PSMH 12" AeroDome Full Cutoff Wall Pack.



Isofootcandle plot of one 150W PSMH 12" AeroDome Full Cutoff Wall Pack at 15' (4.6 m) mounting height (plan view).