Upgrades
Parking Lot

8000 Woodward Avenue
Parking Lot 12
IBIO

August 25, 2015

BID

MEP Project Number 1515-1
WSU Project Number 211-121168

PG
date
project
brief
location

Detroit, MI 48202

UNIVERSITY
WARNE STATE
SAWCUT PAVEMENT 1/4" WIDE BY 1 1/2" DEEP ON SLAB ON GRADE. INSTALL (4) TURNS OF #14 THHN AND FILL SLOT WITH 3M DETECTOR LOOP SEALANT OR AN APPROVED EQUIVALENT.

RIGID 3/4" CONDUIT WITH (2) #14 CONDUCTOR LEADIN CABLE TO CONTROL UNIT IN AUTOMATIC GATE.

NOTES:
A. VERIFY SIZE OF LOOP, SIZE OF WIRE AND NUMBER OF TURNS WITH DETECTOR SUPPLIER BEFORE INSTALLATION; LOOP WIRE TO BE CONTINUOUS WITHOUT SPLICES.
B. LEADIN (FEEDER) CABLE RUNS ARE LIMITED TO 100 FEET.
C. LOOP AND LEADIN CABLE SHALL BE LOCATED AT LEAST 18" FROM ANY ELECTRICAL POWER SERVICE OR RUNS, AND STEEL REINFORCING IF POSSIBLE.
D. LEADIN CABLE SHALL BE IN SEPARATE CONDUIT BETWEEN LOOP AND DETECTOR. IT MUST NOT SHARE CONDUIT WITH OTHER WIRING OR LEADS FROM OTHER LOOPS.
E. LOOP WIRE SHALL BE #14 THHN SINGLE CONDUCTOR STRANDED WIRE.
F. LEADIN (FEEDER) CABLE SHALL HAVE TWO #14, 600 VOLT, INSULATED, STRANDED CONDUCTORS WITH AN OVERALL MYLAR/ALUMINUM SHIELD AND DRAIN WIRE. THE JACKET SHALL BE HIGHLY MOISTURE AND WEATHER RESISTANT BLACK POLYETHYLENE.
G. COORDINATE INSTALLATION WITH GENERAL CONTRACTOR.
Site Location Map

Boundary/Topographic
ALTA/ACSM
Land Title Survey

drafter:
D. MCCONKEY

approved by:
RJF/K.N.

sheet no.
I598

scale:
1" = 20'

June 15, 2015

Parking Lot

June 2015

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CIVIL ENGINEERS
LAND SURVEYORS
LAND PLANNERS

Location Map