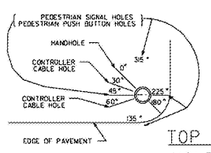
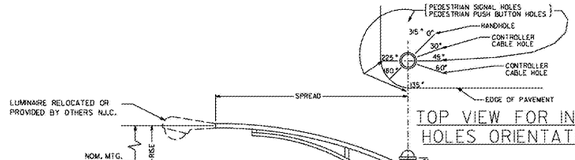


TOP VIEW FOR INLET HOLES ORIENTATION



TOP VIEW FOR INLET HOLES ORIENTATION

NOTES:

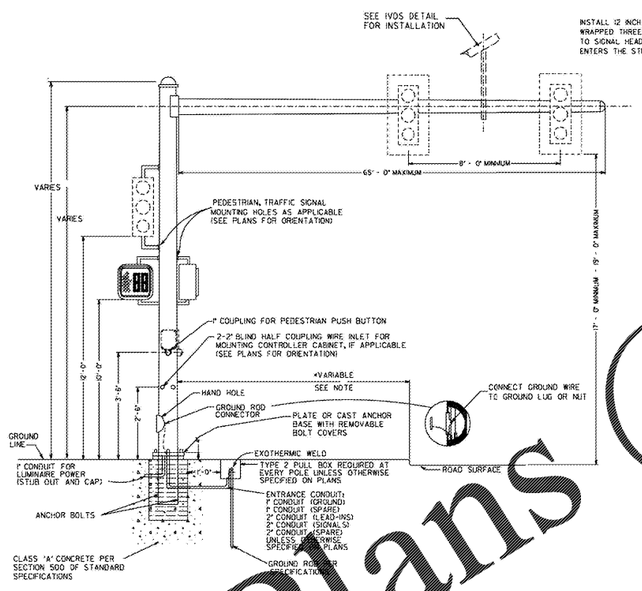
DRAWINGS AND OTHER DATA INDICATING POLE DIMENSIONS AND DESIGN TOGETHER WITH DESIGN OF BASE SHALL BE PREPARED BY THE CONTRACTOR AND APPROVED BY THE DESIGN ENGINEER, PER SPECIFICATIONS AND DETAILS.

FOUNDATION SIZE AND REINFORCING SHALL BE DETERMINED FROM THE "STRAIN POLE FOUNDATIONS" SHEET WITH THE USE OF THE BENDING MOMENT AS YIELD PROVIDED BY POLE MANUFACTURER.

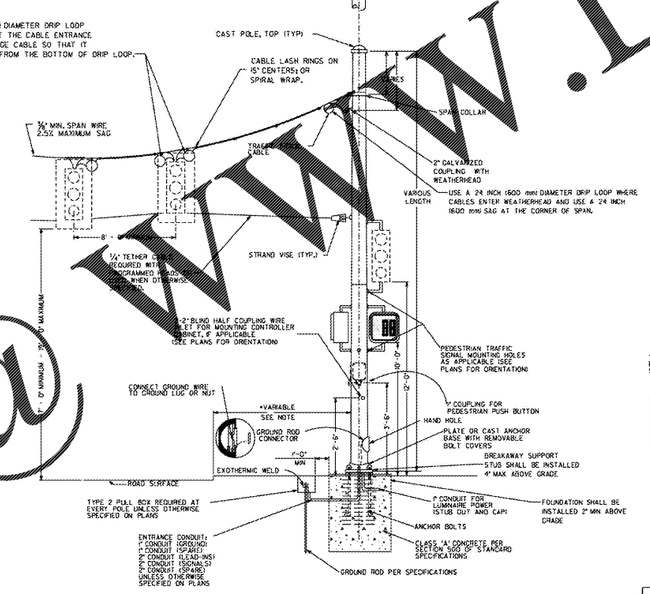
ALL HOLES IN ALUMINUM ARMS MUST BE FABRICATED BY THE MANUFACTURER. SEE SECTION 925 OF STANDARD SPECIFICATIONS REGARDING ROD MOUNTING HARDWARE FOR SIGNAL HEADS.

WHERE POLES ARE LOCATED ON ALL CORNERS, LUMINAIRES ARE TO BE INSTALLED PERPENDICULAR TO THE SIDE APPROACHING TRAFFIC.

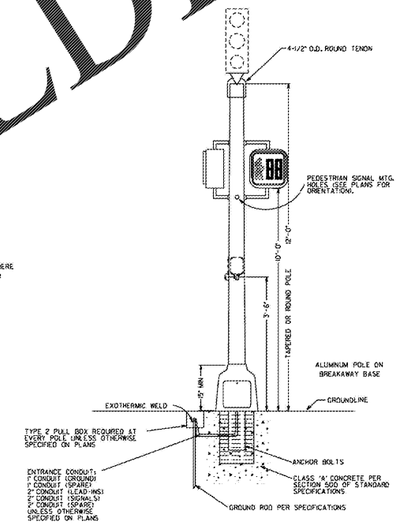
WHEN LUMINAIRES ARE ONLY INSTALLED ON TWO QUARTERS, THEY SHOULD BE INSTALLED PERPENDICULAR TO THE FAR SIDE APPROACHING TRAFFIC ON THE MAJOR APPROACH.



TYPICAL MAST ARM POLE DETAIL



TYPICAL STEEL STRAIN POLE DETAIL



PEDESTAL POLE MOUNTED SIGNAL HEAD

*NOTE:

CLEAR-ZONE WIDTH REQUIREMENTS ARE BASED ON AVERAGE DAILY TRAFFIC AND VEHICLE SPEEDS. SEE THE AASHTO "ROADSIDE DESIGN GUIDE" FOR GUIDANCE ON DESIGN OF CLEAR-ZONE AREAS.

FOUNDATIONS SHALL BE INSTALLED ABOVE GRADE, BUT NOT EXCEED 4' MAXIMUM STUB HEIGHT TO LESSEN SNAGGING OF THE UNDERCARRIAGE OF A VEHICLE

Guidelines for Metrication On Metric Projects

When these drawings are made from inch-foot plans or drawings that are being prepared or constructed in metric units, exact or precise conversion of metric units is not required. The dimensions in inch-foot drawings can be exactly converted to corresponding metric units using the following conversion factors: 1"=25mm, 1'-0"=300mm and 12"=1' for inches, feet and dimensions that refer to linear feet and square inches shall be converted to linear meters and square meters.

STATE	COUNTY	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.				

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

TRAFFIC SIGNAL DETAIL

DETAILS OF METAL TRAFFIC SIGNAL SUPPORT STRUCTURES

APRIL 2010

NOT TO SCALE - BLUEPRINT PRINTING

DETAIL NUMBER: TS-04

DATE | REVISION DESCRIPTION | REV. BY:

JACOBS
Jacobs Engineering Group
46 Liberty Industrial Blvd.
McDonough, Georgia 30253
PH. 678-432-4500

ACCESS IMPROVEMENTS / SIGNAL DESIGN
FOR
RACETRAC PETROLEUM INC
3225 Cumberland Blvd, Suite 100
Atlanta, GA 30339
LOCATED IN LAND LOT 390, 4TH DISTRICT, 3RD SECTION, BARTOW COUNTY, GEORGIA

REV | DATE | REVISION DESCRIPTION

THIS LINE 1" IS ONE INCH LONG WHEN PLOTTED FULL SCALE

THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.

PROJECT NO: EGXL0300
DATE: 07-23-2018
DWG NAME: EGXL0300-RACETRAC CARTERSVILLE 09-25-18.DWG

DRAWN:	CHECKED:	SCALE:
KRW	GKW	1" - 30'

SHEET TITLE

DETAILS

SHEET D13

CREATED: 9/25/2018 LAST SAVED: 9/28/2018 BY: WARR, GEOFFREY PLOT DATE: 9/28/2018

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