

**PONTE AVE LIGHTING & POWER
ONE LINE DIAGRAM**
NOT TO SCALE

STREET LIGHTING & CONDUIT NOTES

- REFER TO SHEET 3 "GENERAL CONSTRUCTION NOTES, LEGEND AND ABBREVIATIONS" FOR THE GENERAL CONSTRUCTION NOTES FOR THE PROJECT.
- REFER TO SHEET ED(1)-03 FOR ELECTRIC DETAILS - CONDUIT. RIGID METAL CONDUIT ELBOWS ARE NOT REQUIRED.
- REFER TO SHEET ED(2)-03 FOR ELECTRIC DETAILS - CONDUCTORS.
- REFER TO SHEET ED(3)-03 FOR ELECTRIC DETAILS - GROUND BOXES. RIGID METAL CONDUIT ELBOWS ARE NOT REQUIRED. CONCRETE APRON IS NOT REQUIRED.
- REFER TO SHEET ED(5)-03 FOR ELECTRIC DETAILS - SERVICE ENCLOSURE & NOTES, ELECTRICAL SERVICE TYPE D.
- REFER TO SHEET ED(8)-03 FOR ELECTRIC DETAILS - ELECTRICAL SERVICE SUPPORT PEDESTAL SERVICE TYPE PS. PEDESTAL SERVICE SHALL BE ALUMINUM, COLOR PINE GREEN. RIGID METAL ELBOWS ARE NOT REQUIRED.
- WATER, SANITARY SEWER, AND STORM DRAIN LINES ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL LOCATE ALL UTILITY LINES IN THE AREA PRIOR TO DIGGING.
- INSTALL SCHEDULE 40 PVC UNDERGROUND (24" MIN COVER). ALL STREET AND DRIVEWAY CROSSINGS (30" MIN COVER). ALL BENDS TO LONG RADII.
- ALL CONDUIT AT POLE BASES TO BE WITHIN THE DRILLED SHAFT FOUNDATION. NO EXPOSED CONDUIT AT POLE BASES WILL BE ALLOWED.
- SL TYPE 1 - SINGLE 100W 240V MH LUMINAIRE ON 11'-8" POLE, COLOR SILVER - REFERENCE SPECIAL PROVISIONS
SL TYPE 2 - TWIN 100W 240V MH LUMINAIRE ON 11'-8" POLE, COLOR SILVER - REFERENCE SPECIAL PROVISIONS
SL TYPE 3 - SINGLE 400 W 240V MH LUMINAIRE ON 30' POLE, COLOR SILVER - REFERENCE SPECIAL PROVISIONS
SL TYPE 4 - TWIN 400 W 240V MH LUMINAIRE ON 30' POLE, COLOR SILVER - REFERENCE SPECIAL PROVISIONS
- CONNECTION TO POWER COMPANY CIRCUITS TO BE MADE ONLY BY POWER COMPANY.
- UNLESS OTHERWISE INDICATED ALL WORK SHALL CONFORM TO THE 2008 NATIONAL ELECTRICAL CODE (NFPA 70) AND THE 2007 NATIONAL ELECTRICAL SAFETY CODE (ANSI C2).
- ALL EMPTY CONDUIT INSTALLED FOR FUTURE EXTENSION SHALL BE TURNED UP AND EXTENDED UP TO FINISHED GRADE. CAP ENDS OF ALL CONDUITS.
- REFER TO REFERENCED SHEETS FOR STREET LIGHTING DETAILS.
- IRRIGATION SLEEVES "IRR" SHALL CONSIST OF 1-6" SCH 40 PVC AND 1-2" SCH 40 PVC INSTALLED WITH MINIMUM 24" COVER AND EXTENDING 2' BEYOND THE BACKS OF CURB OR EDGE OF PAVEMENT AND UP TO FINISHED GRADE. CAP ENDS OF ALL CONDUITS.

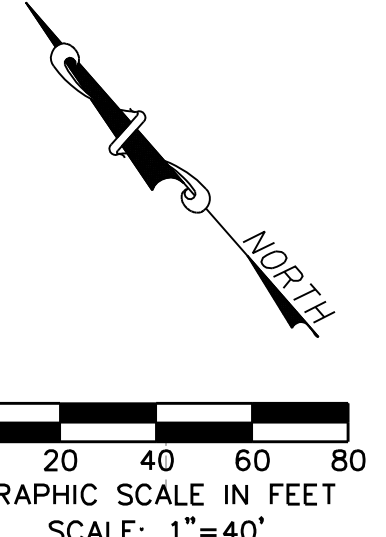
LEGEND

- PULL BOX (GROUND BOX)
- PVC CONDUIT (LIGHTING)
- PVC CONDUIT (POWER)
- TRANSFORMER ON PAD
- STREET LIGHT - 400W
- STREET LIGHT - FUTURE 400W
- STREET LIGHT - 100W
- STREET LIGHT - FUTURE 100W
- DUPLEX 20A GFCI RECEPTACLE HUBBELL GFR53625GW OR EQ
- * PROVIDED BY POWER COMPANY

WARNING

CONTRACTOR IS TO CONTACT TEXAS ONE-CALL SYSTEM (1-800-245-4545) OR OTHER UTILITY LOCATING SERVICES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITIES. ICON CONSULTING ENGINEERS, INC. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES IN THE PROJECT AREA NOR FOR DEPICTING THE EXACT LOCATIONS OF UTILITIES ON THESE DRAWINGS.

BM #1 REF. ELEVATION = 559.47
SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END NOSE, MARSH LANE 1127' NORTH OF VITRUVIAN WAY.
BM #2 REF. ELEVATION = 547.84
SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE, AT INTERSECTION OF VITRUVIAN WAY AND MARSH LANE.



NO.	REVISION	BY	DATE

Addison! TOWN OF ADDISON
DALLAS COUNTY, TEXAS
PAVING, DRAINAGE & UTILITY IMPROVEMENTS
VITRUVIAN WAY & PONTE AVENUE

**STREET LIGHT AND CONDUIT PLAN
PA**

icon Consulting Engineers, Inc. Civil Engineers - Designers - Planners		250 W. Southlake Blvd., Suite 117 Southlake, TX 76092 (817) 552-6210	
PROJECT	DESIGN	DRAWN	DATE
5029-01	ICE	ICE	MAY 7 2009
FILE	SHEET	PW# 2009-01 52	