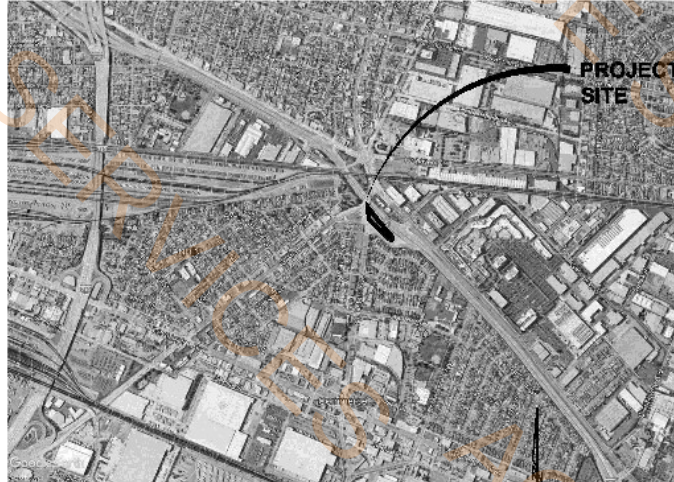


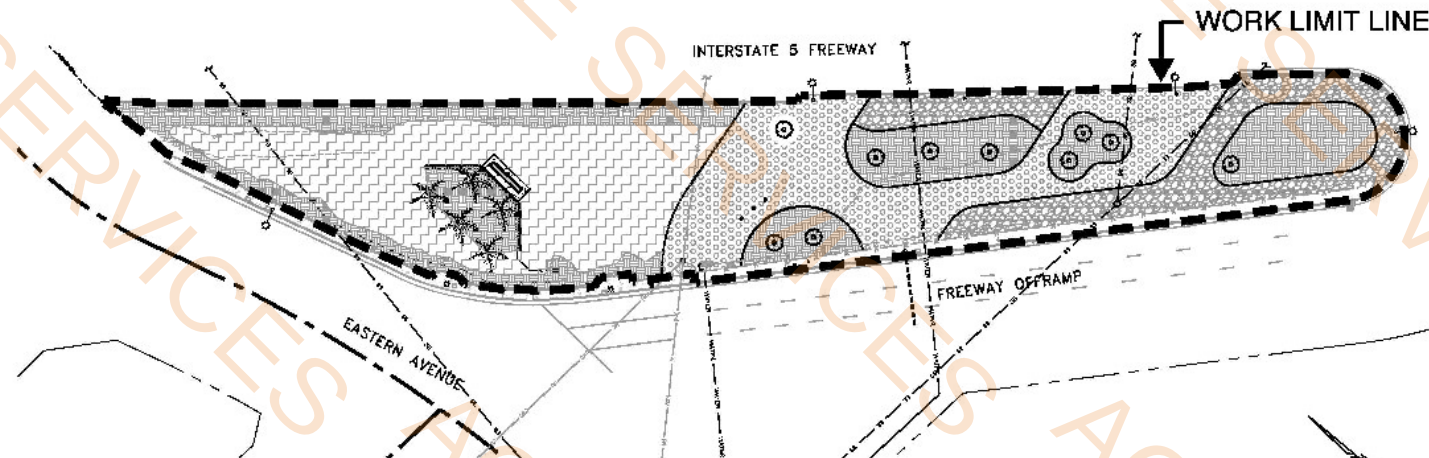
CITY OF COMMERCE

GATEWAY MONUMENT

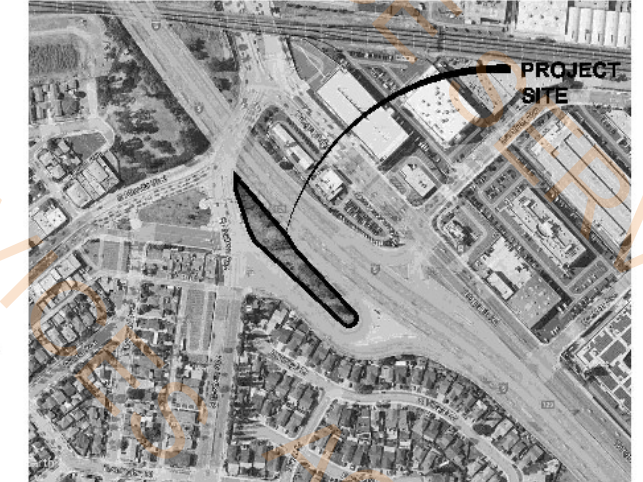
I-5 SOUTH AT EASTERN AVENUE



VICINITY MAP
SCALE: NONE



SITE MAP



LOCATION MAP
SCALE: NONE

GENERAL NOTES

- FOR INSPECTION WORK FOR THIS PROJECT CONTACT THE CITY OF LONG BEACH, ENGINEERING BUREAU, FORTY EIGHT (48) HOURS (TWO WORKING DAYS) PRIOR TO THE REQUIRED INSPECTION.
- CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS, DIMENSIONS, LOCATIONS, AND DEPTHS OF ALL UNDERGROUND UTILITIES PRIOR TO START OF WORK. CONTRACTOR SHALL NOTIFY THE UNDERGROUND SERVICE ALERT (811) SEVENTY-TWO (72) HOURS PRIOR TO START OF CONSTRUCTION.
- CONSTRUCTION SURVEY WORK FOR THE LINES AND GRADES FOR CONSTRUCTION OF THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- DO NOT PROCEED WITH CONSTRUCTION IF IT IS OBVIOUS THAT DIFFERENCES EXIST BETWEEN THE PLANS & EXISTING FIELD CONDITIONS. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CITY OF COMMERCE ENGINEERING DEPARTMENT REPRESENTATIVE AND LANDSCAPE ARCHITECT.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF COMMERCE ENGINEERING BUREAU REPRESENTATIVE AND LANDSCAPE ARCHITECT TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONDUCT HIS OPERATIONS IN SUCH A MANNER AS TO PREVENT DAMAGE TO EXISTING SITE AMENITIES. IN THE EVENT OF DAMAGE, THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY AND TOTAL EXPENSE FOR REPAIR OR REPLACEMENT OF SAID SITE AMENITY TO THE SATISFACTION OF ITS OWNER.
- WHEN RELOCATION IS REQUIRED, THE CONTRACTOR SHALL PROVIDE SEVENTY-TWO (72) HOURS NOTICE TO AFFECTED UTILITIES.
- THE CONTRACTOR SHALL NOT CONDUCT ANY OPERATION OR PERFORM ANY WORK FROM 7:00 P.M. TO 7:00 A.M. ON WEEKENDS, EXCEPT AS MAY BE APPROVED IN WRITING BY THE CITY OF COMMERCE.
- CONTRACTOR SHALL COMPLY WITH THE LATEST EDITIONS OF THE LOS ANGELES COUNTY STANDARD PLANS, THE STANDARD PLANS AND SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("GREENBOOK") AND THE REQUIREMENTS OF THE WATCH TRAFFIC CONTROL HANDBOOK DURING CONSTRUCTION.
- CONTRACTOR SHALL REFER TO GENERAL CONDITIONS, SPECIAL PROVISIONS AND TECHNICAL SPECIFICATIONS OF THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND CONDITIONS.
- CONTRACTOR SHALL CONSTRUCT THE PROJECT IN ITS ENTIRETY. ALL ITEMS OF WORK AS SHOWN ON PLANS AND DELINEATED IN SPECIFICATIONS SHALL BE PROVIDED.
- CONTRACTOR SHALL CLEAR SITE OF ALL WEEDS AND GRASS GROWTH PRIOR TO START OF WORK TO A DEPTH OF 2". TREE ROOTS SHALL BE REMOVED TO A DEPTH OF 24". CONTRACTOR SHALL MAINTAIN SITE IN WEED FREE CONDITION DURING CONSTRUCTION BY SPRAYING ALL WEED GROWTH WITH HERBICIDE AND REMOVING FROM SITE ALL DEAD WEEDS, DEAD GRASS AND OTHER DEBRIS. ALL MATERIALS REMOVED FROM SITE SHALL BE LEGALLY DISPOSED OF AT A FACILITY LICENSED TO ACCEPT SUCH MATERIALS. CONTRACTOR WILL BE HELD LIABLE FOR ALL ILLEGAL DUMPING.
- CONTRACTOR SHALL KEEP JOB SITE FREE OF ALL TRASH AND DEBRIS AT ALL TIMES.
- THE CONTRACTOR SHALL PERFORM ALL EXCAVATION, COMPACTED BACKFILLING AND GRADING OPERATIONS TO ESTABLISH ALL SUBGRADES AND FINISH GRADES FOR ALL ITEMS OF CONSTRUCTION AS INDICATED ON PLANS.
- ALL ANCHORS AND REINFORCEMENTS SHALL BE HELD IN PLACE, TIED AND/OR SUPPORTED PRIOR TO PLACEMENT OF CONCRETE.
- ALL CONCRETE SHALL CONFORM TO SECTION 201-1.1.2 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, EXCEPT WHERE SPECIFIED OTHERWISE. ALL CONCRETE SHALL BE TYPE II. MIX DESIGN SHALL BE PER THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. CONTRACTOR SHALL SUBMIT CONCRETE DESIGN MIX FOR APPROVAL PRIOR TO INSTALLATION OF CONCRETE. ALL CONCRETE SHALL BE 520-C-2500 MAXIMUM SLUMP OF 4", 2500 LBS. IN 28 DAYS UNLESS SPECIFIED OTHERWISE.
- ALL LAYOUT AND FORMING OF CONSTRUCTION ITEMS MUST BE REVIEWED AND APPROVED BY THE ENGINEERING PROJECT INSPECTOR PRIOR TO POUR.
- RADIUS ALL EXPOSED EDGES OF CONCRETE WITH 1/4" RADIUS FINISHING TOOL, UNLESS SPECIFIED OTHERWISE ON PLANS.
- ALL NEW CONSTRUCTION IS TO MEET AND MATCH EXISTING.
- ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE, SPECIFICATIONS, LOCAL ORDINANCES, AND ADA REQUIREMENTS, AND "TITLE 24 ACCESSIBILITY REQUIREMENTS".
- ALL CONCRETE FLAT WORK SHALL BE A MEDIUM BROOM FINISH UNLESS SPECIFIED OTHERWISE.
- ALL WORK SHALL COMPLY WITH ALL REQUIREMENTS OF THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION.
- ANY PARK IMPROVEMENTS FOUND TO BE DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES RELATED TO THE PROJECT SHALL BE REPLACED TO THE SATISFACTION OF THE OWNER.
- THE CONTRACTOR SHALL MAINTAIN UPDATED AS-BUILTS AT THE PROJECT SITE.
- THE CONTRACTOR SHALL ADDRESS ANY GRAFFITI, VANDALISM AND DAMAGE AT THE CONSTRUCTION SITE WITHIN 24 HOURS OF NOTIFICATION BY THE CITY, OR AS OBSERVED AT THE SITE.
- THE CONTRACTOR SHALL COORDINATE ANY IRRIGATION PRESSURE TESTING WITH THE CONSTRUCTION MANAGER, OR OTHER CITY REPRESENTATIVE.
- CONTRACTOR SHALL PROVIDE SITE CONDITION PHOTOS AND VIDEO OF EXISTING HARDSCAPE, UTILITIES, AND LANDSCAPE TO THE CITY PRIOR TO START OF CONSTRUCTION. CITY AND CONTRACTOR SHALL REVIEW SUCH ITEMS AT THE COMPLETION OF CONSTRUCTION. ANY DAMAGE IDENTIFIED TO MATERIALS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CITY.

SHEET INDEX

1	CS-1	COVER SHEET
2	DP-1	DEMOLITION PLAN
3	ECP-1	EROSION CONTROL PLAN
4	ECD-1	EROSION CONTROL DETAILS
5	GP-1	GRADING PLAN
6	GD-1	GRADING DETAILS
7	GD-2	GRADING DETAILS
8	CP-1	CONSTRUCTION PLAN
9	CD-1	CONSTRUCTION DETAILS
10	CD-2	CONSTRUCTION DETAILS
11	GD-3	CONSTRUCTION DETAILS
12	IP-1	IRRIGATION PLAN
13	ID-1	IRRIGATION DETAILS
14	ID-2	IRRIGATION DETAILS
15	ID-3	IRRIGATION DETAILS
16	LP-1	LANDSCAPE PLAN
17	LD-1	LANDSCAPE DETAILS
18	SD-1	STRUCTURAL DETAILS
19	SD-2	STRUCTURAL DETAILS
20	E-001	GENERAL NOTES, SYMBOL LIST, & ABBREVIATIONS
21	E-002	ELECTRICAL SINGLE LINE DIAGRAM & SCHEDULES
22	E-101	ELECTRICAL SITE PLAN
23	E-102	ELECTRICAL SITE PLAN
24	E-201	ELECTRICAL MONUMENT SIGN ELEVATION
25	E-301	ELECTRICAL DETAILS
26	E-302	ELECTRICAL DETAILS
27	E-401	T-24 COMPLIANCE FORMS
28		SCE LINE EXTENSION
29		SCE LINE EXTENSION
30	TCP-1	TRAFFIC CONTROL PLANS & DETAILS
31	TCP-2	TRAFFIC CONTROL PLANS & DETAILS
32	TCP-3	TRAFFIC CONTROL PLANS & DETAILS

SCOPE OF WORK

- REMOVAL OF EXISTING EXISTING TREES (QTY: 8)
- REMOVAL OF EXISTING IRRIGATION EQUIPMENT INCLUDING BACKFLOW PREVENTER AND CONTROL VALVES
- PERFORM GRADING OF SITE
- INSTALLATION OF NEW GATEWAY ENTRY SIGN (QTY: 1)
- INSTALLATION OF NEW RETAINING WALL (78 LF)
- INSTALLATION OF NEW 4" PORTLAND CEMENT CONCRETE PAD (174 SF)
- INSTALLATION OF NEW PALM TREE AND SIGN LIGHTING
- INSTALLATION OF NEW DRAIN LINE AND CATCH BASIN WITH ROCK CISTERN
- INSTALLATION OF NEW PALM TREES (QTY: 5)
- INSTALLATION OF NEW IRRIGATION SYSTEM AND EQUIPMENT, INCLUDING CONTROLLER, BACKFLOW PREVENTER, AND WATER METER
- INSTALLATION OF NEW MULCH GROUND COVER (125 CY)
- INSTALLATION OF NEW SCE ELECTRICAL SERVICE, CONTRACTOR TO INSTALL NEW CONDUIT AND ELECTRICAL METER, SCE TO PULL WIRE
- INSTALLATION OF NEW PCC HEADER CURB (861 LF)
- INSTALLATION OF NEW GOBBLE ROCK BLANKET (6,354 SF)
- INSTALLATION OF NEW FLAGSTONE SET IN DECOMPOSED GRANITE (9,774 SF)
- INSTALLATION OF NEW MULCH GROUND COVER (125 CY) IN ADDITION TO WITHIN THE PLANTING AREA
- INSTALLATION OF NEW SHRUBS + GROUND COVER (QTY: 358)
- INSTALLATION OF NEW IRRIGATION VALVES AND SPRAY HEADS
- TRAFFIC CONTROL
- EROSION CONTROL AND SITE PROTECTION
- SAW DUTY AND TREKCHING
- SOIL EXPORT 550 CUBIC YARDS
- SOIL IMPORT 40 CUBIC YARDS

PROJECT INFORMATION

IRRIGATION WATER SUPPLY: DOMESTIC WATER

CITY OF COMMERCE PROJECT MANAGER:
MOHAMMAD MOSTAHKAMI, 909-595-8599

CALTRANS:
FRANK HOKE, 562-754-4292

CAL WATER:
323-722-8501

IDS ELECTRICAL:
MIKE REED, 949-387-8500

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ALLEN PAN, 213-505-7171

PUBLIC SERVICE AGENCIES

BEFORE EXCAVATION CALL THE FOLLOWING AGENCIES AND UTILITY PROVIDERS:

SOUTHERN CALIFORNIA Edison	(800) 655-4555
SOUTHERN CALIFORNIA GAS COMPANY	(800) 427-2200
CAL WATER	(323) 722-8501
VERIZON COMPANY	(800) 485-3000
FRONTIER COMMUNICATIONS	(877) 586-3777

CITY DEPARTMENTS

PUBLIC WORKS	SHAHID ABBAS 323-722-4605 ext. 4451
BUILDING AND SAFETY	323-722-4605 ext. 2260
PLANNING	323-722-4805 ext. 2826
L.A. COUNTY FIRE	909-620-2402

SURVEY

PACIFIC LAND CONSULTANTS
CHRIS VASSALLO: 310-544-8689



UNAUTHORIZED CHANGES AND USES:

WE WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THIS PLAN. ALL CHANGES TO THE PLAN MUST BE IN WRITING AND MUST BE APPROVED BY _____

REVISIONS

NUMBER	DATE	INITIALS	DESCRIPTION	APPROVED



PREPARED UNDER THE SUPERVISION OF:

CHUCK FOLEY

R.C.E. No. XXXX (Exp. XX-XX-XX)

DRAWN BY: GREG THAYER

CHECKED BY: CHUCK FOLEY

DESIGNED BY: GREG THAYER

DATE:

APPROVED BY:

SHAHID ABBAS

PUBLIC WORKS DIRECTOR

DATE:

DATE:

DATE:

COVER SHEET
CS-1

CITY OF COMMERCE



SHEET

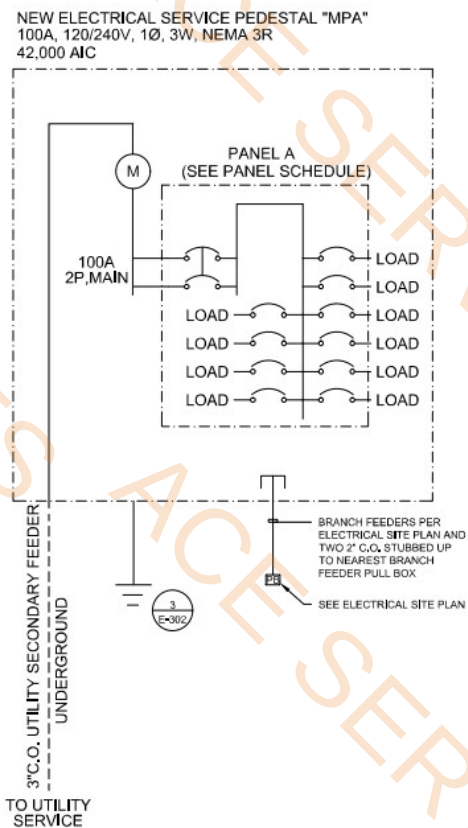
1 OF 32

20A and 1Pole

6.0 EA

PANEL "A"											
MOUNTING PEDESTAL NEMA 3R YES FEED THRU NO			DOUBLE LUG NO 200% NO IG BUS NO			VOLT: 120/240V PHASES: 1 WIRES: 3			MAIN MLO BUS 100 A AIC 10,000		
NO T A D S	C I R C U I T S	LOCATION	TRIP	POLES	A	B	A	B	POLES	TRIP	LOCATION
4	L	1	PALM TREE LIGHTS	1	250		340		1		MONUMENT SIGNAGE IN-GROUND LIGHTS
4	R	3	HOLIDAY LIGHT PLUGS	1		540			1		SPARE
5			SPARE	1			100		1		LIGHTING CONTACTOR, PHOTOCELL, TC
7			---SPARE---	--					--		---SPARE---
9			---SPARE---	--					--		---SPARE---
11			---SPARE---	--					--		---SPARE---
					2A		0B				
TOTAL LOAD CONNECTED					9450		540				
TOTAL CONNECTED AMPS					79 A		5 A				
TOTAL DEMAND LOAD					863		540				
TOTAL DEMAND AMPS					7 A		5 A				
63% PERCENT BALANCE											
LOAD CLASSIFICATION											
CONNECTED LOAD				DEMAND FACTOR		ESTIMATED DEMAND		PANEL LOADS			
CONTINUOUS LOAD = C				0		125%		0		TOTAL CONN. LOAD (VA)	
KITCHEN EQUIPMENT LOAD = K				0		100%		0		TOTAL EST. DEMAND (VA)	
LIGHTING LOAD = L				690		125%		863		TOTAL CONN. (A)	
MOTOR LOAD = M				0		0 @ 100% / 0 @ 125%		0		TOTAL EST. DEMAND (A)	
NON-CONTINUOUS LOAD = N				0		100%		0		HIGH LEG DEMAND (A)	
PANEL LOAD = P				0		100%		0			
RECEPTACLE LOAD = R				540		100%		540			
PANEL SCHEDULE NOTES:											
1. PROVIDE LOCK-ON DEVICE.			4. PROVIDE GFCI TYPE DEVICE.			7. PROVIDE "HACK" TYPE CIRCUIT BREAKER.			9. EXISTING BREAKER		
2. PROVIDE LOCK-OFF DEVICE.			5. PROVIDE A RED CIRCUIT BREAKER.			8. PROVIDE PHOTOCELL AND TIME CLOCK			10. CIRCUIT MADE AVAILABLE		
3. CIRCUIT BREAKER CONTROLLED BY			6. PROVIDE A NEW BREAKER			11. PROVIDE PHOTOCELL AND TIME CLOCK			12. CIRCUIT MADE AVAILABLE		
ANSUL SYSTEM REFER TO HOOD			TO EXISTING TYPE AND A.I.C.			CLOCK WITH RELAYS FOR EXTERIOR			THROUGH DEMOLITION		
FIRE SYSTEM INTERLOCK DIAGRAM			RATING IN PANEL			LIGHTING CONTROL. REFER TO EXTERIOR					
						LIGHTING CONTROL DIAGRAM					

Type	Image	Description	Manf	Specification	Lumens	Watts	L/W	CCT	Diming	Volts	Mounting	Comments
A		FlexScape Inground Flood/Accent Light with onboard dimming, multiple beam spreads, frosted lens, grout masking (for concrete install) and stainless steel top plate.	Hadco	Hadco FlexScape SL43-NA-CFL-LFSS-GM-SP1	2595	34	76.3	4000K	5 Step onboard dimming, or 0-10V	120V	Use grout mask for concrete installation, provide proper sub-surface draining per geotechnical and installation instructions.	Aiming is adjustable 15 degrees in any direction.
B		1254 LED Spotlight with fully adjustable glare guard and knuckle.	TWELVE FIFTY FOUR INDUSTRIES	1254 12FX-VLV-100-48-50-27-38-ABK	2595	34	76.3	4000K	N/A	120V	10" Hammer Stake with cutout for wire exit.	Powered by low voltage transformer.



SINGLE LINE DIAGRAM



IDS GROUP

1 PETERS CANYON ROAD, SUITE 1301 PMNE,
CA 92606
TEL: 949-387-8500, FAX: 949-387-0800



Know what's below.
Call before you dig.

UNAUTHORIZED CHANGES AND USES:

WILL NOT BE RESPONSIBLE FOR, OR
LIABLE FOR, UNAUTHORIZED CHANGES
TO OR USES OF THIS PLAN. ALL
CHANGES TO THE PLAN MUST BE IN
WRITING AND MUST BE APPROVED BY

REVISIONS

NUMBER	DATE	INITIALS	DESCRIPTION	APP'VD



DATE SIGNED 02/28/24

PREPARED UNDER THE SUPERVISION OF:

STEVEN COLLINS

R.C.E. No. XXXX (Exp. XX-XX-XX)

DRAWN BY: QUANG LAM

CHECKED BY: STEVEN COLLINS

DESIGNED BY: QUANG LAM

DATE

APPROVED BY:

SHAHID ABBAS
PUBLIC WORKS DIRECTOR JKS

DATE

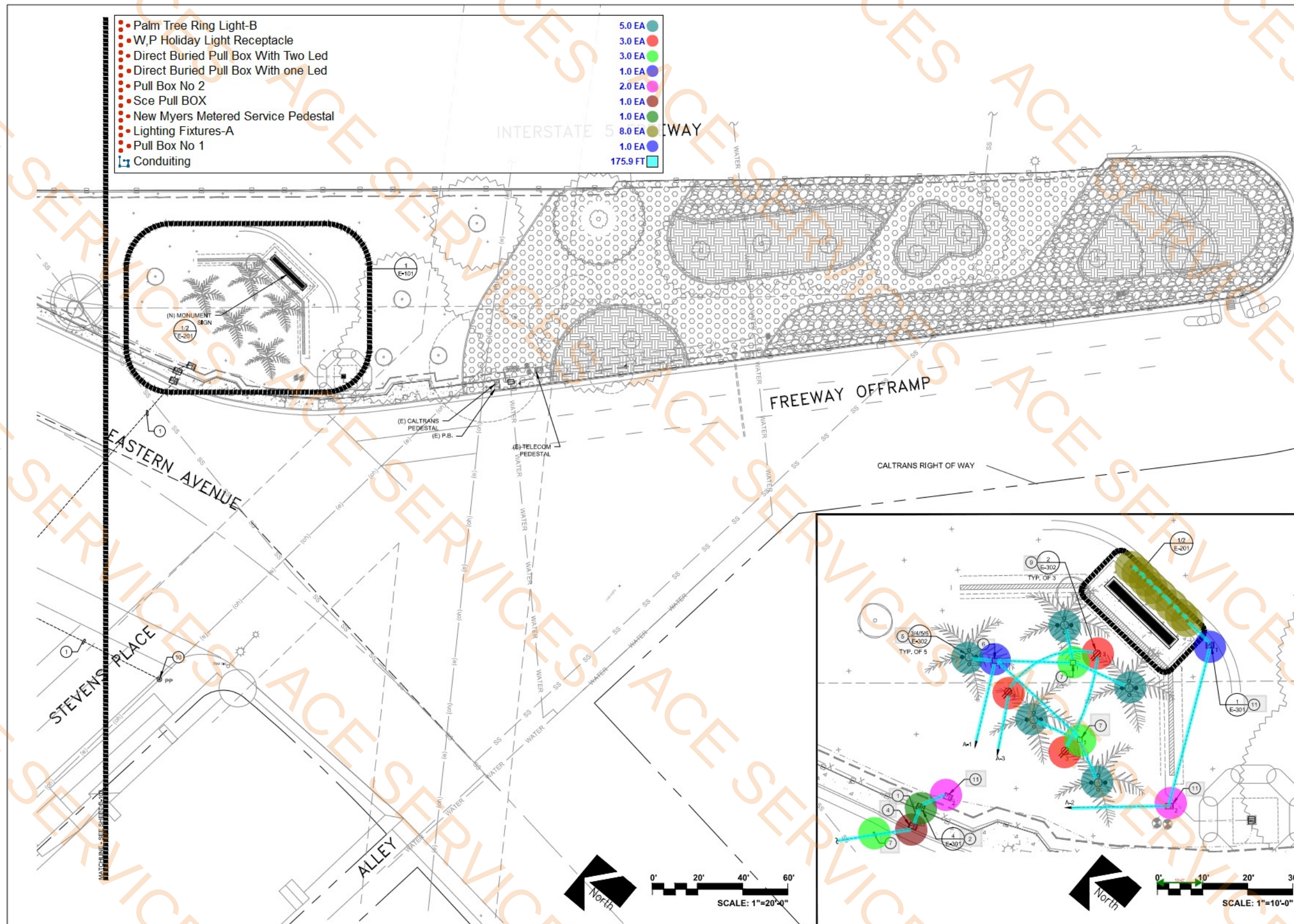
ELECTRICAL SINGLE LINE DIAGRAM & SCHEDULES
E-002

CITY OF COMMERCE



SHEET

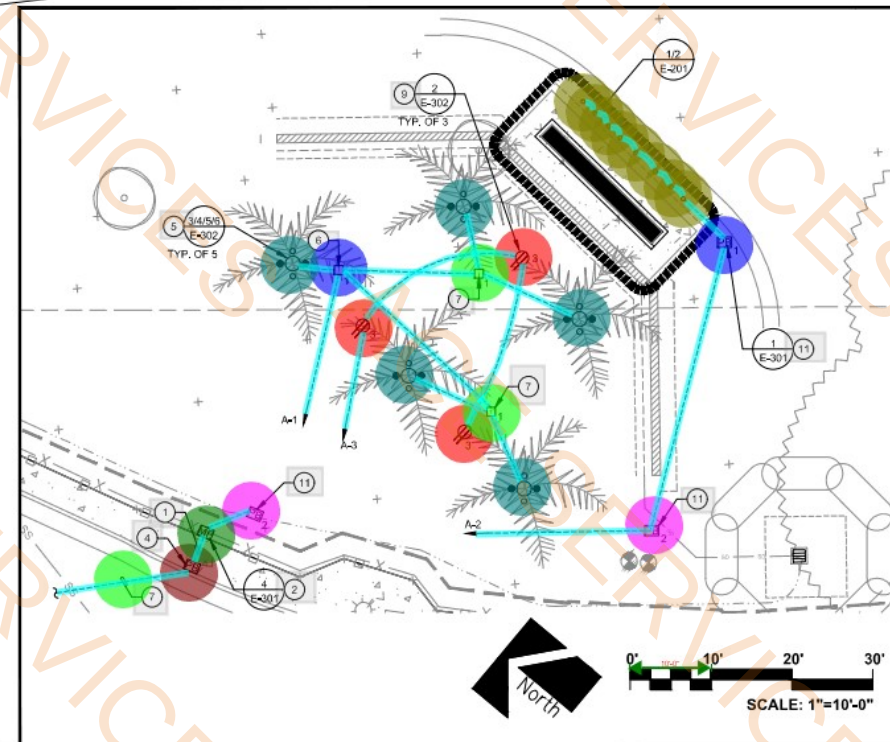
21 OF 32



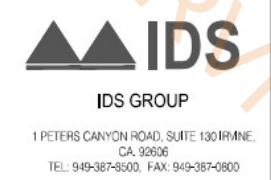
- Palm Tree Ring Light-B
- W,P Holiday Light Receptacle
- Direct Buried Pull Box With Two Led
- Direct Buried Pull Box With one Led
- Pull Box No 2
- Sce Pull BOX
- New Myers Metered Service Pedestal
- Lighting Fixtures-A
- Pull Box No 1
- Conduiting

- 5.0 EA
- 3.0 EA
- 3.0 EA
- 1.0 EA
- 2.0 EA
- 1.0 EA
- 1.0 EA
- 8.0 EA
- 1.0 EA
- 175.9 FT

- KEY NOTES**
1. WORK INCLUDED: LABOR, MATERIAL, APPLIANCES, TOOLS, EQUIPMENT, FACILITIES, TRANSPORTATION AND SERVICES NECESSARY AND INCIDENTAL TO PERFORMING OPERATIONS IN CONNECTION WITH THE DEMOLITION, DISPOSAL, TRANSPORTATION AND RECONNECTION OF EXISTING REMAINING EQUIPMENT/DEVICES, COMPLETE AS INDICATED IN THE CONTRACT DOCUMENTS AS SPECIFIED HEREIN.
 2. THE FOLLOWING IS INTENDED TO COVER THE COMPLETE DEMOLITION, DISPOSAL, TRANSPORTATION AND RECONNECTION OF EXISTING ELECTRICAL EQUIPMENT, THE OMISSION OF EXPRESSED REFERENCE TO ANY ITEM OF LABOR OR MATERIAL FOR THE PROPER EXECUTION OF THE WORK IN ACCORDANCE WITH PRESENT PRACTICE OF THE TRADE SHALL NOT RELIEVE THE CONTRACTOR FROM PROVIDING SUCH ADDITIONAL LABOR AND MATERIALS.
 3. REFER TO THE CONTRACT DOCUMENTS FOR ADDITIONAL DEMOLITION REQUIREMENTS WHICH AFFECT THE PROPER EXECUTION OF THIS WORK. DIAGRAMS AND SYMBOLS SHOWING ELECTRICAL CONNECTIONS ARE DIAGRAMMATIC ONLY. WIRING DIAGRAMS DO NOT NECESSARILY SHOW THE EXACT PHYSICAL ARRANGEMENT OF THE EQUIPMENT.
 4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND BECOME THOROUGHLY FAMILIAR WITH FEATURES OF THE BUILDING AND SITE WHICH MAY AFFECT THE PROPER PERFORMANCE OF THIS WORK.
 5. THE CONTRACTOR SHALL FIELD VERIFY EXISTING EQUIPMENT, DEVICES, AND/OR CIRCUITS THAT ARE REMAINING. CIRCUITS SHALL BE RECONNECTED TO NEW OR EXISTING POWER DISTRIBUTION EQUIPMENT AND FUNCTION IN THE MANNER THEY WERE ORIGINALLY DESIGNED. PROVIDE ADDITIONAL EQUIPMENT, DEVICES, OUTLET BOXES, CONDUIT, WIRING AS REQUIRED TO RESTORE CONTINUITY TO THESE CIRCUITS.
 6. WHERE FIXTURES, EQUIPMENT, DEVICES ARE SPECIFIED BY THE CONTRACT DOCUMENTS FOR REMOVAL, THE CONTRACTOR SHALL REMOVE CIRCUIT CONDUCTORS/CABLING BACK TO THE NEAREST REMAINING JUNCTION BOX AND/OR POINT OF TERMINATION.
 7. RELOCATION AND/OR REMOVAL OF EXISTING EQUIPMENT, DEVICES, OUTLET BOXES, CONDUIT, WIRING MAY AFFECT THE OPERATION OF EXISTING, REMAINING ELECTRICAL EQUIPMENT/DEVICES. THE CONTRACTOR SHALL PROVIDE ADDITIONAL MATERIALS AS REQUIRED TO MAINTAIN AND/OR RESTORE CONTINUITY OF SERVICE TO EXISTING, REMAINING ELECTRICAL/DEVICES.
 8. PROVIDE NECESSARY DEMOLITION TO REMOVE EXISTING UNUSED RACEWAYS, CONDUCTORS, CABLING, OUTLET BOXES, RECEPTACLES, SWITCHES, EQUIPMENT.
 9. ALL CONDUIT AND WIRE IS PVC SCHEDULE 40 WITH 2 #10 + 1 #10 GND.
 10. REFER TO ELEVATION VIEW ON E-201 FOR EXACT LIGHT FIXTURES LOCATION.



- KEY NOTES**
1. SCE SECONDARY FEEDER, VERIFY EXACT REQUIREMENTS WITH SCE ENGINEERED DRAWINGS.
 2. INSTALL NEW MYERS METERED SERVICE PEDIESTAL AS SHOWN. COORDINATE EXACT LOCATION WITH SCE ENGINEERED DRAWINGS PRIOR TO ROUGH-IN. METERING EQUIPMENT PER SCE REQUIREMENTS.
 3. ELECTRICAL CONTRACTOR TO VERIFY EXACT LOCATION OF UTILITY/SCE HANDHOLE/ POINT OF CONNECTION WITH SCE ENGINEERED DRAWINGS.
 4. SCE PULL BOX, VERIFY EXACT TYPE AND REQUIREMENTS WITH ENGINEERED DRAWINGS.
 5. FIXTURE "B" TREE RING LIGHT.
 6. DIRECT BURIED PULL BOX WITH ONE LED 60 WATT LED DRIVER.
 7. DIRECT BURIED PULL BOX WITH TWO LED 60 WATT LED DRIVERS.
 8. CONTRACTOR TO REFER TO CONSTRUCTION DETAILS SHEETS CD-1 AND CD-2 FOR EXACT SIGNAGE DIMENSIONS AND FOR FURTHER INFORMATION.
 9. W.P. HOLIDAY LIGHTING DETAIL RECEPTACLE.
 10. EXISTING SCE POWER POLE REFER TO SCE ENGINEERED DRAWINGS FOR EXACT CONDUIT POLE RISER REQUIREMENTS.
 11. PULL BOX, APPROXIMATE SIZE NOTED BY NUMBER, REFER TO DETAIL 1 ON SHEET E-301



UNAUTHORIZED CHANGES AND USES:

WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THIS PLAN. ALL CHANGES TO THE PLAN MUST BE IN WRITING AND MUST BE APPROVED BY

REVISIONS				
NUMBER	DATE	INITIALS	DESCRIPTION	APP'D

PREPARED UNDER THE SUPERVISION OF:

STEVEN COLLINS

R.C.E. No. XXXX (Exp. XX-XX-XX)

DRAWN BY: QUANG LAM

CHECKED BY: STEVEN COLLINS

DESIGNED BY: QUANG LAM

APPROVED BY:

SHAHID ABBAS

PUBLIC WORKS DIRECTOR, KS

DATE

ELECTRICAL SITE PLAN

E-101

CITY OF COMMERCE

SHEET

22 OF 32

Sce Pull BOX
Conduiting

1.0 EA
223.0 FT

KEY NOTES

1. WORK INCLUDED: LABOR, MATERIAL, APPLIANCES, TOOLS, EQUIPMENT, FACILITIES, TRANSPORTATION AND SERVICES NECESSARY AND INCIDENTAL TO PERFORMING OPERATIONS IN CONNECTION WITH THE DEMOLITION, DISPOSAL, TRANSPORTATION AND RECONNECTION OF EXISTING REMAINING EQUIPMENT/DEVICES, COMPLETE AS INDICATED IN THE CONTRACT DOCUMENTS AS SPECIFIED HEREIN.
2. THE FOLLOWING IS INTENDED TO COVER THE COMPLETE DEMOLITION, DISPOSAL, TRANSPORTATION AND RECONNECTION OF EXISTING ELECTRICAL EQUIPMENT, THE OMISSION OF EXPRESSED REFERENCE TO ANY ITEM OF LABOR OR MATERIAL FOR THE PROPER EXECUTION OF THE WORK IN ACCORDANCE WITH PRESENT PRACTICE OF THE TRADE SHALL NOT RELIEVE THE CONTRACTOR FROM PROVIDING SUCH ADDITIONAL LABOR AND MATERIALS.
3. REFER TO THE CONTRACT DOCUMENTS FOR ADDITIONAL DEMOLITION REQUIREMENTS WHICH AFFECT THE PROPER EXECUTION OF THIS WORK. DIAGRAMS AND SYMBOLS SHOWING ELECTRICAL CONNECTIONS ARE DIAGRAMMATIC ONLY. WIRING DIAGRAMS DO NOT NECESSARILY SHOW THE EXACT PHYSICAL ARRANGEMENT OF THE EQUIPMENT.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND BECOME THOROUGHLY FAMILIAR WITH FEATURES OF THE BUILDING AND SITE WHICH MAY AFFECT THE PROPER PERFORMANCE OF THIS WORK.
5. THE CONTRACTOR SHALL FIELD VERIFY EXISTING EQUIPMENT, DEVICES, AND/OR CIRCUITS THAT ARE REMAINING. CIRCUITS SHALL BE RECONNECTED TO NEW OR EXISTING POWER DISTRIBUTION EQUIPMENT AND FUNCTION IN THE MANNER THEY WERE ORIGINALLY DESIGNED. PROVIDE ADDITIONAL EQUIPMENT, DEVICES, OUTLET BOXES, CONDUIT, WIRING AS REQUIRED TO RESTORE CONTINUITY TO THESE CIRCUITS.
6. WHERE FIXTURES, EQUIPMENT, DEVICES ARE SPECIFIED BY THE CONTRACT DOCUMENTS FOR REMOVAL, THE CONTRACTOR SHALL REMOVE CIRCUIT CONDUCTORS/CABLING BACK TO THE NEAREST REMAINING JUNCTION BOX AND/OR POINT OF TERMINATION.
7. RELOCATION AND/OR REMOVAL OF EXISTING EQUIPMENT, DEVICES, OUTLET BOXES, CONDUIT, WIRING MAY AFFECT THE OPERATION OF EXISTING, REMAINING ELECTRICAL EQUIPMENT/DEVICES. THE CONTRACTOR SHALL PROVIDE ADDITIONAL MATERIALS AS REQUIRED TO MAINTAIN AND/OR RESTORE CONTINUITY OF SERVICE TO EXISTING, REMAINING ELECTRICAL/DEVICES.
8. PROVIDE NECESSARY DEMOLITION TO REMOVE EXISTING UNUSED RACEWAYS, CONDUCTORS, CABLING, OUTLET BOXES, RECEPTACLES, SWITCHES, EQUIPMENT.
9. ALL CONDUIT AND WIRE IS PVC SCHEDULE 40 WITH 2 #10 + 1 #10 GND.
10. REFER TO ELEVATION VIEW ON E-201 FOR EXACT LIGHT FIXTURES LOCATION.

KEY NOTES

1. SCE SECONDARY FEEDER, VERIFY EXACT REQUIREMENTS WITH SCE ENGINEERED DRAWINGS.
2. INSTALL NEW MYERS METERED SERVICE PEDESTAL AS SHOWN. COORDINATE EXACT LOCATION WITH SCE ENGINEERED DRAWINGS PRIOR TO ROUGH-IN. METERING EQUIPMENT PER SCE REQUIREMENTS.
3. ELECTRICAL CONTRACTOR TO VERIFY EXACT LOCATION OF UTILITY/SCE HANDHOLE/ POINT OF CONNECTION WITH SCE ENGINEERED DRAWINGS.
4. SCE PULL BOX, VERIFY EXACT TYPE AND REQUIREMENTS WITH ENGINEERED DRAWINGS.
5. FIXTURE "B" TREE RING LIGHT.
6. DIRECT BURIED PULL BOX WITH ONE LED 60 WATT LED DRIVER.
7. DIRECT BURIED PULL BOX WITH TWO LED 60 WATT LED DRIVERS.
8. CONTRACTOR TO REFER TO CONSTRUCTION DETAILS SHEETS CD-1 AND CD-2 FOR EXACT SIGNAGE DIMENSIONS AND FOR FURTHER INFORMATION.
9. W.P. HOLIDAY LIGHTING DETAIL RECEPTACLE.
10. EXISTING SCE POWER POLE REFER TO SCE ENGINEERED DRAWINGS FOR EXACT CONDUIT POLE RISER REQUIREMENTS.
11. PULL BOX, APPROXIMATE SIZE NOTED BY NUMBER, REFER TO DETAIL 1 ON SHEET E-301

IDS
IDS GROUP

1 PETERS CANYON ROAD, SUITE 130 IRVINE,
CA 92606
TEL: 949-387-9500, FAX: 949-387-0800

ELECTRICAL SITE PLAN 1



0' 20' 40' 60'
SCALE: 1"=20'-0"



UNAUTHORIZED CHANGES AND USES:
WILL NOT BE RESPONSIBLE FOR, OR
LIABLE FOR, UNAUTHORIZED CHANGES
TO OR USES OF THIS PLAN. ALL
CHANGES TO THE PLAN MUST BE IN
WRITING AND MUST BE APPROVED BY

REVISIONS

NUMBER	DATE	INITIALS	DESCRIPTION	APP'D



PREPARED UNDER THE SUPERVISION OF:
STEVEN COLLINS
R.C.E. No. XXXX (Exp. XX-XX-XX)
DRAWN BY: QUANG LAM
CHECKED BY: STEVEN COLLINS
DESIGNED BY: QUANG LAM

APPROVED BY:

SHAHID ABBAS
PUBLIC WORKS DIRECTOR, KS

DATE

ELECTRICAL SITE PLAN
E-102

CITY OF COMMERCE



SHEET
23 OF 32