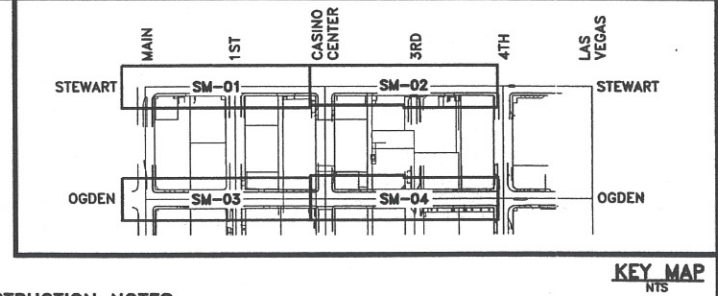
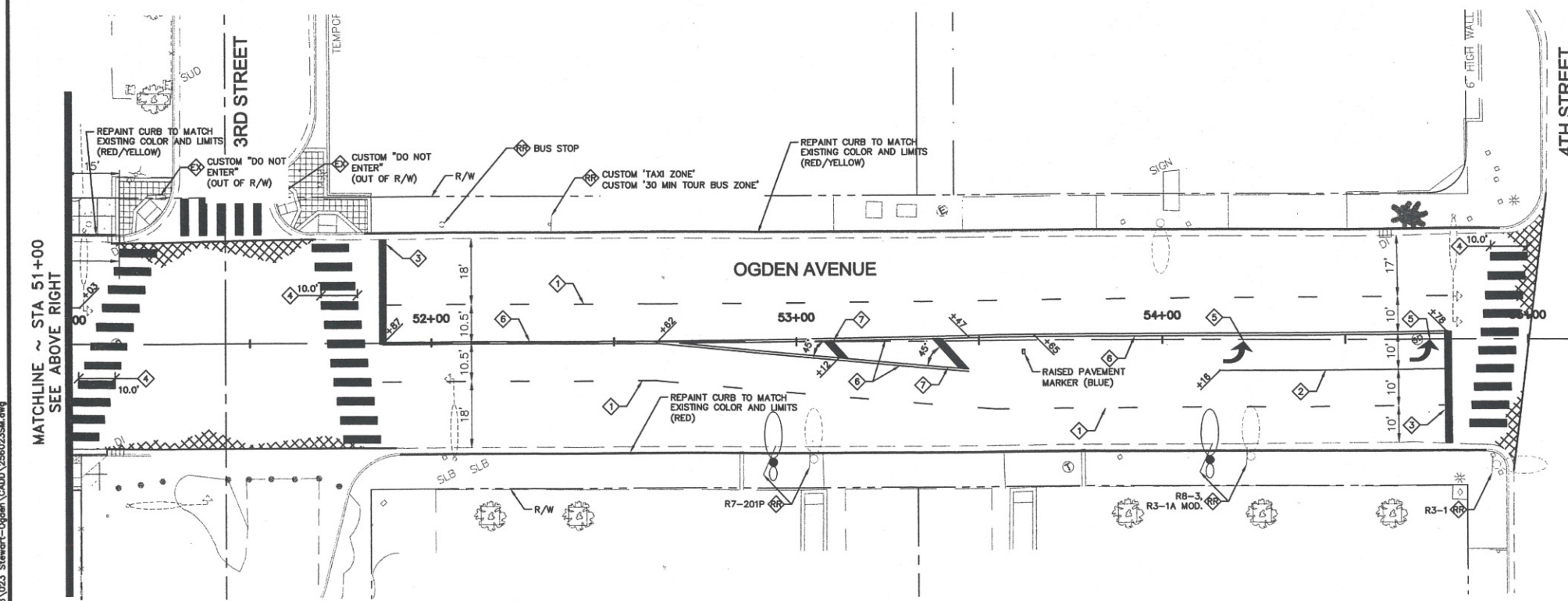
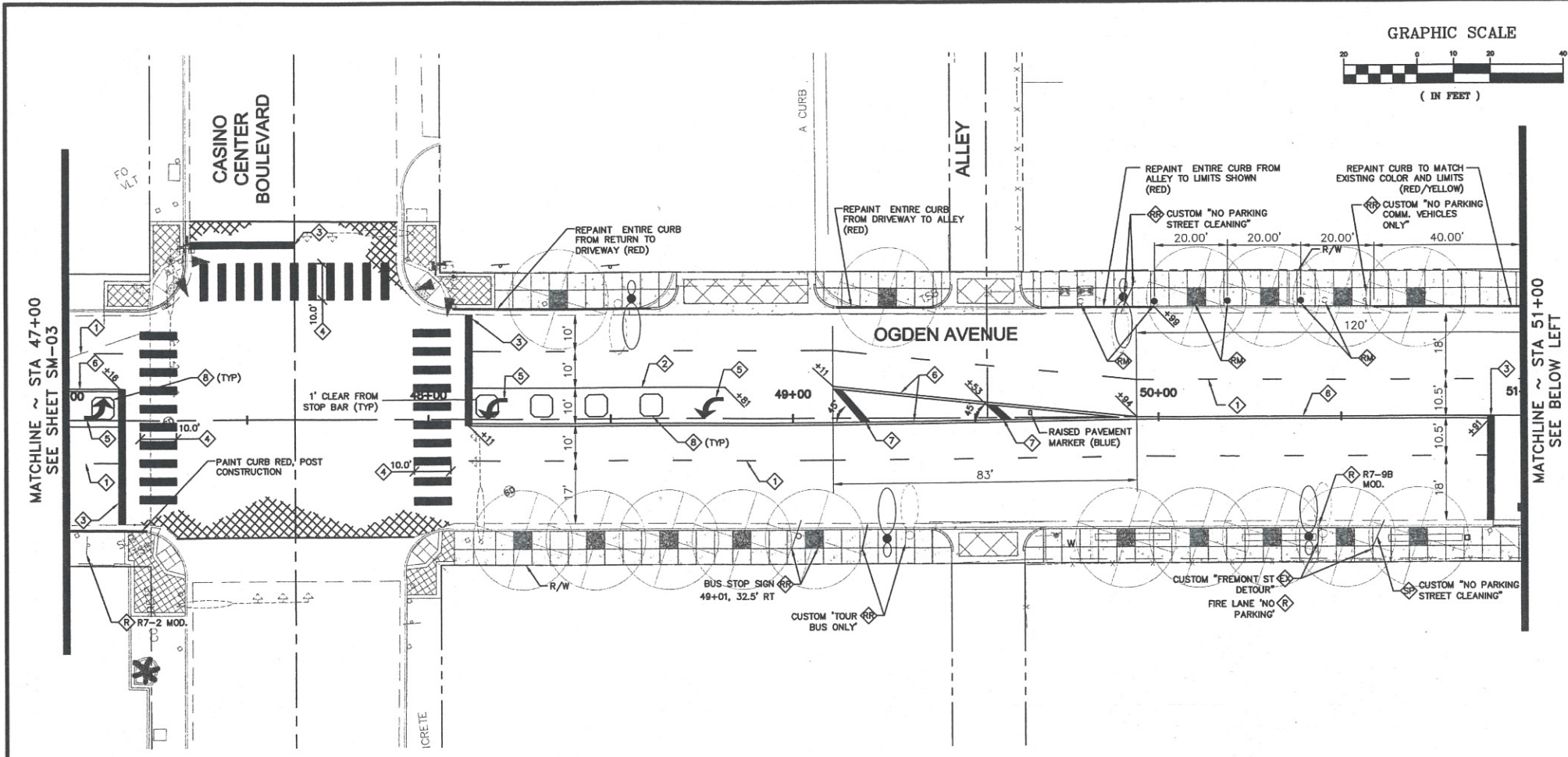


LVE As-Built

John Dane - Foreman

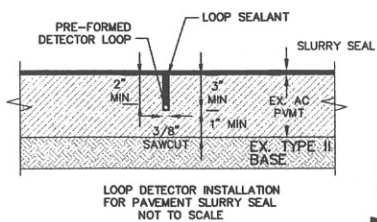
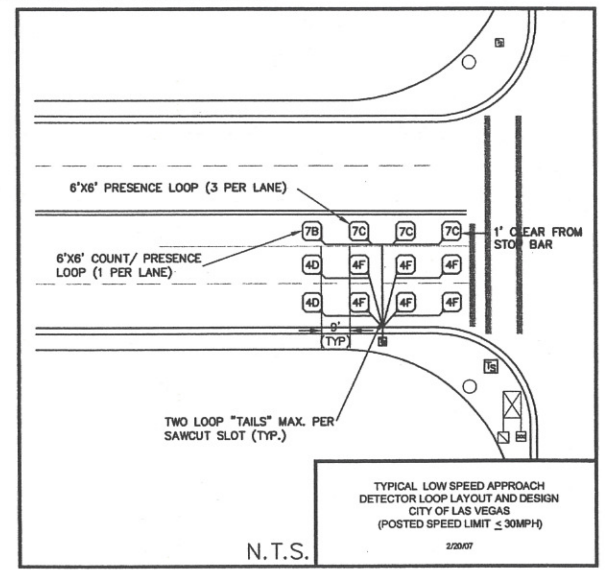


CONSTRUCTION NOTES

- LIMITS OF SLURRY SEAL
- EXISTING SIGN PANEL SHALL BE REMOVED AND SALVAGED TO CITY OF LAS VEGAS.
- EXISTING PARKING METER SHALL REMAIN, PROTECT IN PLACE.
- REMOVE AND RELOCATE EXISTING PARKING METER POST AND FOUNDATION TO LOCATION SHOWN ON PLANS. METER HEAD SHALL BE REMOVED, AND REINSTALLED BY CITY.
- REMOVE EXISTING SIGN PANEL FROM EXISTING STREETLIGHT POLE AND RELOCATE TO NEW STREETLIGHT POLE. THIS ITEM IS INCIDENTAL TO THE REMOVAL AND REPLACEMENT OF THE STREETLIGHT POLE ITEM.
- EXISTING SIGN SHALL BE REMOVED AND REPLACED.
- EXISTING SIGN SHALL REMAIN, PROTECT IN PLACE.
- INSTALL NEW SIGN PANEL ON LIGHT POLE OR EXISTING SIGN POST.
- INSTALL TYPE 4 LANE LINE PER CCAUSD No. 244A (POLYUREA WHITE PAINT).
- INSTALL 8" (POLYUREA WHITE PAINT) STORAGE LANE LINE PER CCAUSD No. 246.
- INSTALL STOP BAR (WHITE PAVEMENT MARKING FILM) PER CCAUSD No. 254A.
- INSTALL CROSSWALK LINES (WHITE PAVEMENT MARKING FILM) PER CCAUSD No. 254A.
- INSTALL PAVEMENT LEGEND (WHITE PAVEMENT MARKING FILM) PER CCAUSD No. 254A. LEGEND SHALL BE CENTERED IN LANE AS ANNOTATED.
- INSTALL TYPE 1 CENTERLINE (POLYUREA YELLOW PAINT) PER CCAUSD No. 244.
- INSTALL 2' WIDE GORE STRIPING (PAVEMENT MARKING FILM).
- FURNISH AND INSTALL PREFORMED 6"x6" PRESENCE LOOPS AND LOOP LEAD-IN CABLE IN LEFT TURN LANE PER SPECIAL PROVISION 623 AND DETAILS THIS SHEET. ABANDON EXISTING LEFT TURN LANE LOOPS IN PLACE. LOOPS SHALL BE CENTERED IN TRAVEL LANE AND INSTALLED PRIOR TO FINAL SLURRY SEAL PER LOOP TRENCH DETAIL THIS SHEET. INSTALL NEW LOOP LEAD-IN CABLE TO EXISTING TRAFFIC SIGNAL BOX PER CCAUSD No. 827, CONTRACTOR MAY USE EXISTING PVC CONDUIT INTO PULL BOX AND REWIRE IF POSSIBLE.

GENERAL NOTES

- CONTRACTOR SHALL REMOVE ANY EXISTING STRIPING THAT CONFLICTS WITH THE PROPOSED STRIPING.
- IF IN THE EVENT AN EXISTING SIGN IS FOUND IN THE FIELD THAT CONTRADICTS PROPOSED IMPROVEMENTS CONTRACTOR SHALL CONTACT DESIGN ENGINEER FOR FURTHER DIRECTION.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE. ALL IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- ALL DIMENSIONS ARE FROM THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED ON PLANS.
- CONTRACTOR SHALL INSTALL NEW SIGN POSTS 18" BEHIND BACK OF CURB.
- FOR CUSTOM OR NON-STANDARD SIGN REMOVAL AND REPLACEMENTS CONTRACTOR SHALL DOCUMENT AND MATCH EXISTING SIGN TEXT, FORMAT AND SIZE.



CALL SOUTHWEST GAS at 365-2296 for Standby when excavating over or near HIGH PRESSURE GAS LINES



SAFETY ALERT Before You Overhead Call before you dig! 702-227-2929

DATE	DATE	JANUARY 2013
	DESIGNED BY	MSH
	CHECKED BY	PHM
	DATE	JANUARY 2013
REVISIONS	SCALE (H):	NTS
	SCALE (V):	NTS
	DRAWN BY	MSH
	DATE	JANUARY 2013
PROJECT	STEWART/OGDEN STREETSCAPE ENHANCEMENTS	
	SHEET	
	SHEET 16 OF 38	
	10/27/2010	
ENGINEER	SHANNON R. AHARTZ	
	Exp: 12/31/14	
	CIVIL	
	Lic. No. 021219	

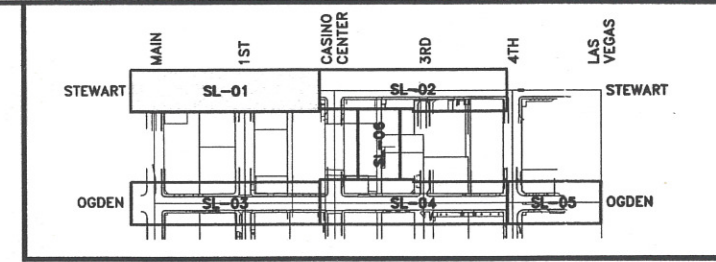
John D. Kane

LUE As-Built's

John Kane - Foreman

GRAPHIC SCALE

(IN FEET)



KEY MAP
NTS

STREETLIGHT AND ELECTRICAL SERVICE CONSTRUCTION NOTES

- INSTALL DUAL ARM STREETLIGHT ASSEMBLY AND FOUNDATION (SEE DETAILS, SHEET SL-07). SEE PLANS FOR STREET LIGHT CIRCUIT CONNECTIVITY.
- INTERCEPT EXISTING STREET LIGHTING CONDUIT. FURNISH AND INSTALL No. 3/4 PULL BOX MARKED "STREETLIGHT" PER CCAUSD No. 705. BACK PULL EXISTING CONDUCTORS TO NEAREST POLE OR PULL BOX. PULL NEW CONDUCTORS TO POLE(S) OR PULL BOX AND SPLICE NEW CONDUCTORS TO EXISTING CONDUCTORS IN POLE BASE OR PULL BOX TO MAINTAIN EXISTING CIRCUITS.
- FURNISH AND INSTALL 1-2" PVC CONDUIT WITH 2-#4 (BLACK +, RED -) THW AND 1-#6 THW (GREEN GROUND) STREET LIGHTING CONDUCTORS.
- FURNISH AND INSTALL No. 3 1/2 PULL BOX MARKED "STREETLIGHT" PER CCAUSD No. 705.
- EXTEND CONDUIT 3' FROM POLE FOUNDATION OR PULL BOX, CAP AND SEAL CONDUIT.
- FURNISH AND INSTALL 2-#4 (1-BLACK +, 1-RED -) THW AND 1-#6 THW (GREEN GROUND) STREET LIGHTING CONDUCTORS IN EXISTING CONDUIT. REMOVE EXISTING STREET LIGHTING CONDUCTORS FOR CIRCUIT BEING REPLACED.
- FURNISH AND INSTALL 1-2" PVC CONDUIT WITH 1-#6 GROUND/TRACER WIRE AND PULL ROPE.
- INTERCEPT EXISTING STREET LIGHTING CONDUIT. FURNISH AND INSTALL No. 3 1/2 PULL BOX MARKED "STREET LIGHT" PER CCAUSD No. 705.
- FURNISH AND INSTALL No. 5 PULL BOX MARKED "STREETLIGHT" PER CCAUSD No. 706 AT LOCATION OF POLE REMOVAL.
- REPLACE EXISTING STREET LIGHTING CONDUCTORS BETWEEN PULL BOX AND EXISTING SERVICE WITH 2-#4 (BLACK +, RED -) THW AND 1-#6 (GREEN GROUND) NEW STREET LIGHTING CONDUCTORS.
- INTERCEPT EXISTING PULL BOX AND INSTALL NEW CONDUIT(S).
- MAINTAIN EXISTING CONNECTIONS AND/OR SPLICE EXISTING CONDUCTORS TO NEW CONDUCTORS IN PULL BOX.
- BACK PULL EXISTING CONDUCTORS TO NEAREST POLE, PULL NEW CONDUCTORS TO POLE AND SPLICE NEW CONDUCTORS TO EXISTING CONDUCTORS IN POLE BASE.
- REMOVE AND SALVAGE EXISTING STREETLIGHT POLE AND EQUIPMENT. REMOVE POLE FOUNDATION TO 24" BELOW FINISHED GRADE. CONTRACTOR SHALL ABANDON EXISTING OVERHEAD INTERCONNECT CONDUCTOR ON EXISTING POLES ON THE NORTH SIDE OF OGDEN AVENUE BETWEEN MAIN STREET AND 1ST STREET.
- REMOVE AND SALVAGE EXISTING POLE AND EQUIPMENT. INSTALL DUAL STREETLIGHT ASSEMBLY (SEE DETAILS, SHEET SL-07) ON EXISTING FOUNDATION.
- INSTALL SINGLE ARM STREETLIGHT ASSEMBLY AND FOUNDATION (SEE DETAILS, SHEET SL-07). SEE PLANS FOR STREET LIGHT CIRCUIT CONNECTIVITY.
- SEE CONDUIT TRENCH IN PAVEMENT DETAIL, (SHEET SL-07).
- CONTRACTOR SHALL REMOVE EXISTING RCOC CONTACTOR FROM EXISTING STREETLIGHT POLE. CONTRACTOR SHALL RE-CIRCUIT THIS STREETLIGHT TO CIRCUIT B (STREETLIGHTS ON NORTH SIDE OF STREET).
- CONTRACTOR SHALL REMOVE EXISTING RCOC FROM EXISTING STREETLIGHT POLE AND INSTALL NEW CONTACTOR FOR EXISTING CIRCUIT IN EXISTING SERVICE PEDESTAL FOR THAT CIRCUIT.
- EXISTING POLE MOUNTED STREETLIGHT SERVICE WILL BE REMOVED AND REPLACED WITH GROUND MOUNTED SERVICE PEDESTAL BY CLV STAFF. CONTRACTOR SHALL FURNISH AND INSTALL NEW CONTACTOR FOR THIS STREETLIGHT CIRCUIT.
- CONTRACTOR SHALL FURNISH AND INSTALL PHOTOELECTRIC CONTROL UNIT (PEU) ON TOP OF NEW POLE. INSTALL WIRING FROM PEU TO SERVICE PEDESTAL. INSTALL 15 AMP BREAKER IN PEDESTAL. SEE USDOC DRAWING NO. 335.52 FOR REQUIREMENTS.

STREETLIGHT GENERAL NOTES

- ALL STREETLIGHT EQUIPMENT THAT IS TO BE SALVAGED SHALL BE RETURNED TO THE CLV EAST SERVICE YARD. PROVIDE 24 HOUR NOTICE PRIOR TO DELIVERY. CALL 702-229-6331 TO SCHEDULE DELIVERY TIME. CONTRACTOR MUST HAVE A MEANS TO UNLOAD EQUIPMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EQUIPMENT AND MATERIALS INCURRED IN THIS PROCESS.
- ⓧ STREET LIGHT POLE ID NUMBER (SEE SHEET SL-06).

DATE: JANUARY 2013

CHECKED BY: PM

DESIGNED BY: NSM

DRAWN BY: NSM

SCALE (V): NTS

SCALE (H): NTS

PROJECT: STEWART/OGDEN STREETSCAPE ENHANCEMENTS

SHEET: STREETLIGHT SHEET

DEPARTMENT OF PUBLIC WORKS

ENGINEER: SHANNON R. AHARTZ

Exp: 12/31/14 CIVIL

REVISIONS

DATE: JANUARY 2013

CHECKED BY: PM

DESIGNED BY: NSM

DRAWN BY: NSM

SCALE (V): NTS

SCALE (H): NTS

PROJECT: STEWART/OGDEN STREETSCAPE ENHANCEMENTS

SHEET: STREETLIGHT SHEET

DEPARTMENT OF PUBLIC WORKS

ENGINEER: SHANNON R. AHARTZ

Exp: 12/31/14 CIVIL

MATCHLINE ~ STA 13+00
SEE ABOVE RIGHT

MATCHLINE ~ STA 17+00
SEE SHEET SL-02

1-2" S.L. CONDUIT @ 6' B.C.

Intercept 1" R/W into
NEW 3 1/2" ALONG WITH 2" S.L.
CONDUIT

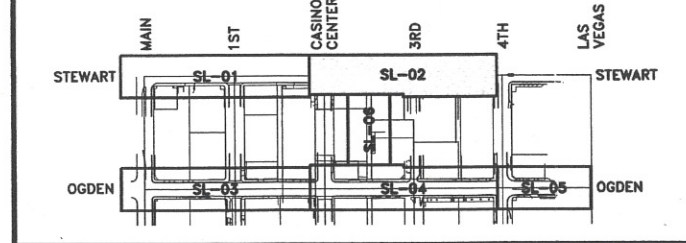
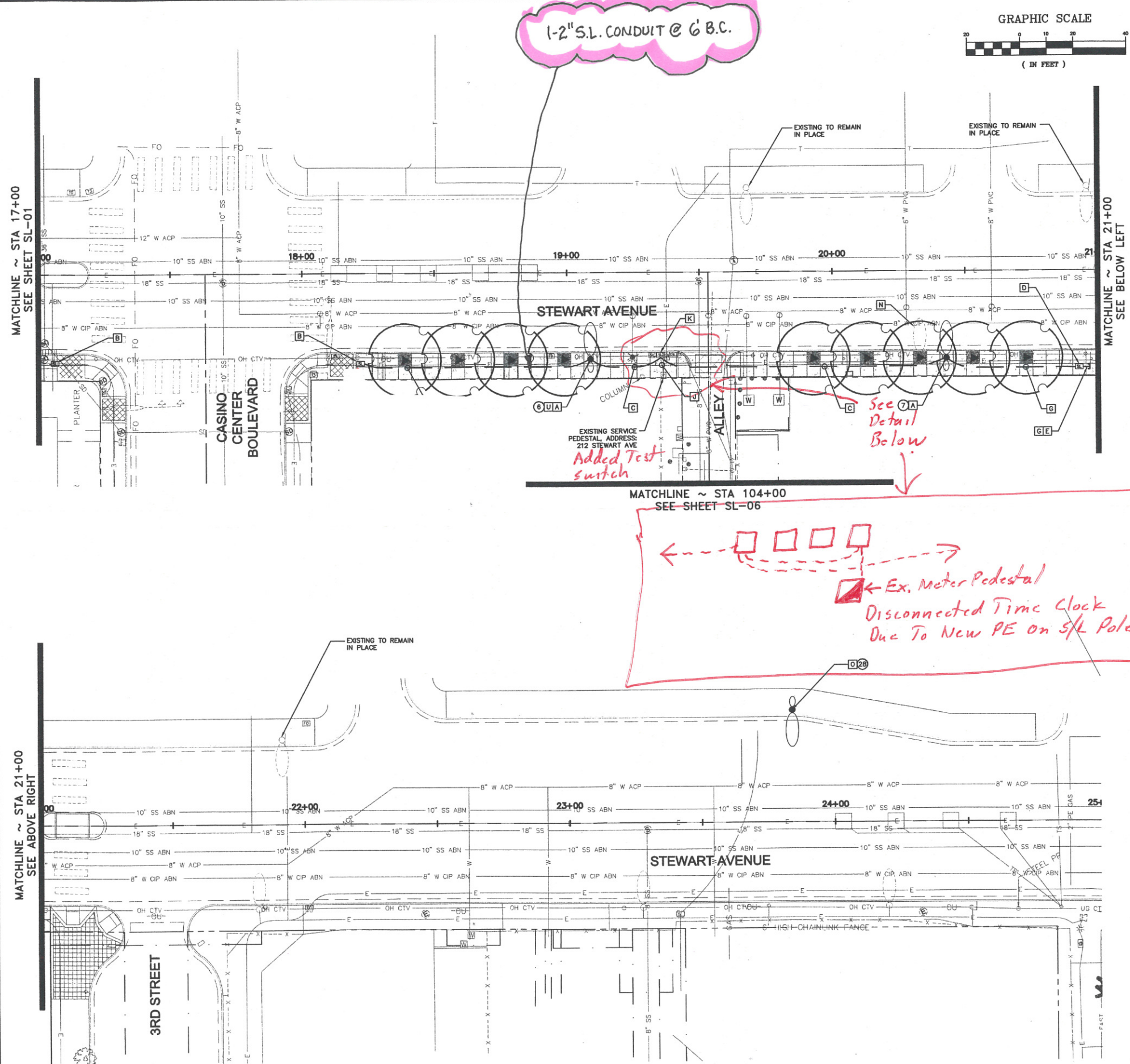
Disconnected PE In Service
Pedestal And Installed PE

#5 SIL PULL BOX
1-2" S.L. CONDUIT IN/OUT
WITH 1-1/4" FROM NEW
METER PEDESTAL

John Dane

LVE As-Built

John Dane - Foreman



STREETLIGHT AND ELECTRICAL SERVICE CONSTRUCTION NOTES

- A. INSTALL DUAL ARM STREETLIGHT ASSEMBLY AND FOUNDATION (SEE DETAILS, SHEET SL-07). SEE PLANS FOR STREET LIGHT CIRCUIT CONNECTIVITY.
- B. INTERCEPT EXISTING STREET LIGHTING CONDUIT. FURNISH AND INSTALL NO. 3/4 PULL BOX MARKED "STREETLIGHT" PER CCAUSD NO. 705. BACK PULL EXISTING CONDUCTORS TO NEAREST POLE OR PULL BOX. PULL NEW CONDUCTORS TO POLE(S) OR PULL BOX AND SPLICE NEW CONDUCTORS TO EXISTING CONDUCTORS IN POLE BASE OR PULL BOX TO MAINTAIN EXISTING CIRCUITS.
- C. FURNISH AND INSTALL 1-2" PVC CONDUIT WITH 2-#4 (BLACK +, RED -) THW AND 1-#8 THW (GREEN GROUND) STREET LIGHTING CONDUCTORS.
- D. FURNISH AND INSTALL NO. 3 1/2 PULL BOX MARKED "STREETLIGHT" PER CCAUSD NO. 705.
- E. EXTEND CONDUIT 3' FROM POLE FOUNDATION OR PULL BOX, CAP AND SEAL CONDUIT.
- F. FURNISH AND INSTALL 2-#4 (1-BLACK +, 1-RED -) THW AND 1-#8 THW (GREEN GROUND) STREET LIGHTING CONDUCTORS IN EXISTING CONDUIT. REMOVE EXISTING STREET LIGHTING CONDUCTORS FOR CIRCUIT BEING REPLACED.
- G. FURNISH AND INSTALL 1-2" PVC CONDUIT WITH 1-#8 GROUND/TRACER WIRE AND PULL ROPE.
- H. INTERCEPT EXISTING STREET LIGHTING CONDUIT. FURNISH AND INSTALL NO. 3 1/2 PULL BOX MARKED "STREET LIGHT" PER CCAUSD NO. 705.
- I. FURNISH AND INSTALL NO. 5 PULL BOX MARKED "STREETLIGHT" PER CCAUSD NO. 706 AT LOCATION OF POLE REMOVAL.
- J. REPLACE EXISTING STREET LIGHTING CONDUCTORS BETWEEN PULL BOX AND EXISTING SERVICE WITH 2-#4 (BLACK +, RED -) THW AND 1-#8 (GREEN GROUND) NEW STREET LIGHTING CONDUCTORS.
- K. INTERCEPT EXISTING PULL BOX AND INSTALL NEW CONDUIT(S).
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- P. INSTALL SINGLE ARM STREETLIGHT ASSEMBLY AND FOUNDATION (SEE DETAILS, SHEET SL-07). SEE PLANS FOR STREET LIGHT CIRCUIT CONNECTIVITY.
- Q. SEE CONDUIT TRENCH IN PAVEMENT DETAIL, (SHEET SL-07).
- R. CONTRACTOR SHALL REMOVE EXISTING RCOC CONTRACTOR FROM EXISTING STREETLIGHT POLE. CONTRACTOR SHALL RE-CIRCUIT THIS STREETLIGHT TO CIRCUIT B (STREETLIGHTS ON NORTH SIDE OF STREET).
- S. CONTRACTOR SHALL REMOVE EXISTING RCOC FROM EXISTING STREETLIGHT POLE AND INSTALL NEW CONTRACTOR FOR EXISTING CIRCUIT IN EXISTING SERVICE PEDESTAL FOR THAT CIRCUIT.
- T. EXISTING POLE MOUNTED STREETLIGHT SERVICE WILL BE REMOVED AND REPLACED WITH GROUND MOUNTED SERVICE PEDESTAL BY CLV STAFF. CONTRACTOR SHALL FURNISH AND INSTALL NEW CONTRACTOR FOR THIS STREETLIGHT CIRCUIT.
- U. CONTRACTOR SHALL FURNISH AND INSTALL PHOTOELECTRIC CONTROL UNIT (PEU) ON TOP OF NEW POLE. INSTALL WIRING FROM PEU TO SERVICE PEDESTAL. INSTALL 15 AMP BREAKER IN PEDESTAL. SEE USDC DRAWING NO. 335.52 FOR REQUIREMENTS.

STREETLIGHT GENERAL NOTES

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- XX STREET LIGHT POLE ID NUMBER (SEE SHEET SL-06).

DATE	1/25/2013
DESIGNED BY	PM
CHECKED BY	PM
SCALE (HORIZONTAL)	1" = 40'
SCALE (VERTICAL)	1" = 40'
DRAWN BY	MSH
PROJECT	STEWART/OGDEN STREETSCAPE ENHANCEMENTS
SHEET	STREETLIGHT SHEET
ENGINEER	SHANNON R. AHARTZ Exp: 12/31/14 CIVIL
PROFESSOR	1/25/2013

DEPARTMENT OF PUBLIC WORKS

STREETLIGHT SHEET

CALL SOUTHWEST GAS at 365-2296 for Standby when excavating over or near HIGH PRESSURE GAS LINES

811 SAFETY ALERT

Before You Dig

Before You UnderGround

SHANNON R. AHARTZ
Exp: 12/31/14
CIVIL

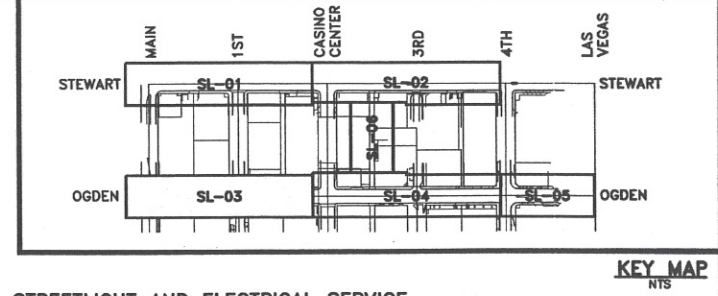
1/25/2013

SL-02

SHEET 18 OF 38

LVE As-Builts

John Dane - Foreman

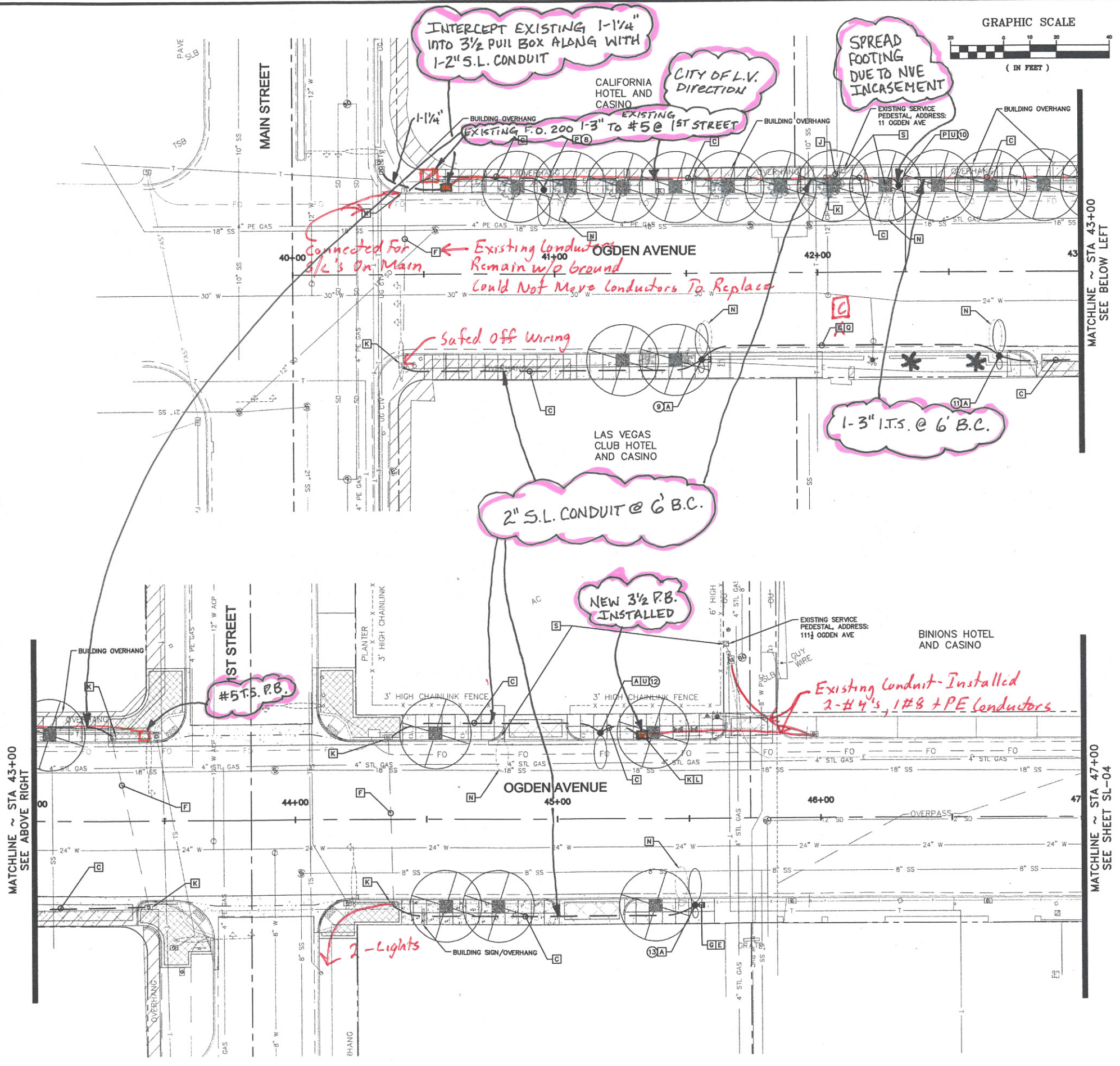


STREETLIGHT AND ELECTRICAL SERVICE CONSTRUCTION NOTES

- A. INSTALL DUAL ARM STREETLIGHT ASSEMBLY AND FOUNDATION (SEE DETAILS, SHEET SL-07). SEE PLANS FOR STREET LIGHT CIRCUIT CONNECTIVITY.
- B. INTERCEPT EXISTING STREET LIGHTING CONDUIT. FURNISH AND INSTALL NO. 3 1/2 PULL BOX MARKED "STREETLIGHT" PER CCAUSD NO. 705. BACK PULL EXISTING CONDUCTORS TO NEAREST POLE OR PULL BOX. PULL NEW CONDUCTORS TO POLE(S) OR PULL BOX AND SPlice NEW CONDUCTORS TO EXISTING CONDUCTORS IN POLE BASE OR PULL BOX TO MAINTAIN EXISTING CIRCUITS.
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- Q. SEE CONDUIT TRENCH IN PAVEMENT DETAIL, (SHEET SL-07).
- R. CONTRACTOR SHALL REMOVE EXISTING RCOG CONTACTOR FROM EXISTING STREETLIGHT POLE. CONTRACTOR SHALL RE-CIRCUIT THIS STREETLIGHT TO CIRCUIT B (STREETLIGHTS ON NORTH SIDE OF STREET).
- S. CONTRACTOR SHALL REMOVE EXISTING RCOG FROM EXISTING STREETLIGHT POLE AND INSTALL NEW CONTACTOR FOR EXISTING CIRCUIT IN EXISTING SERVICE PEDESTAL FOR THAT CIRCUIT.
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STREETLIGHT GENERAL NOTES

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- XX STREET LIGHT POLE ID NUMBER (SEE SHEET SL-06).



Jun 25, 2013 - 4:08pm - USER: shannon.ahartz
C:\LAV_Public\Trans\022256\023 Stewart-Ogden\025023SL.dwg

CALL SOUTHWEST GAS
at 365-2296 for Standby
when excavating over or near
HIGH PRESSURE GAS LINES

811
know what's below
Call before you dig! 702-229-2929

SAFETY ALERT
Call before you dig!
Underground
1-702-432-5300

SHANNON R. AHARTZ
Exp: 12/31/14
CIVIL
No. 021215
10/15/13

DATE: JANUARY 2013
DESIGNED BY: USM
CHECKED BY: PM
SCALE (V): NTS
SCALE (H): NTS
DRAWN BY: NTS

Kimley-Horn
and Associates, Inc.
Engineering, Planning, and Environmental Consultants
6071 Las Vegas Blvd. S., PH 1702, 89119
Las Vegas, NV 89119

CITY OF LAS VEGAS

DEPARTMENT OF PUBLIC WORKS

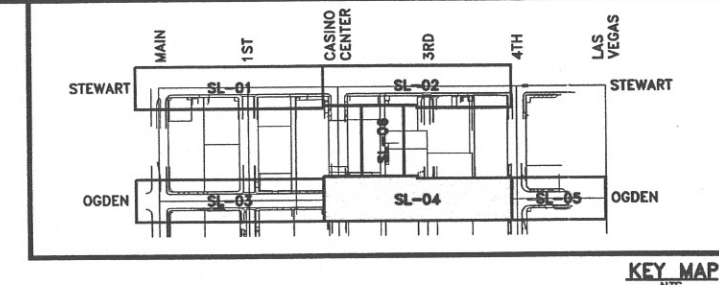
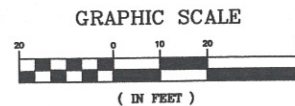
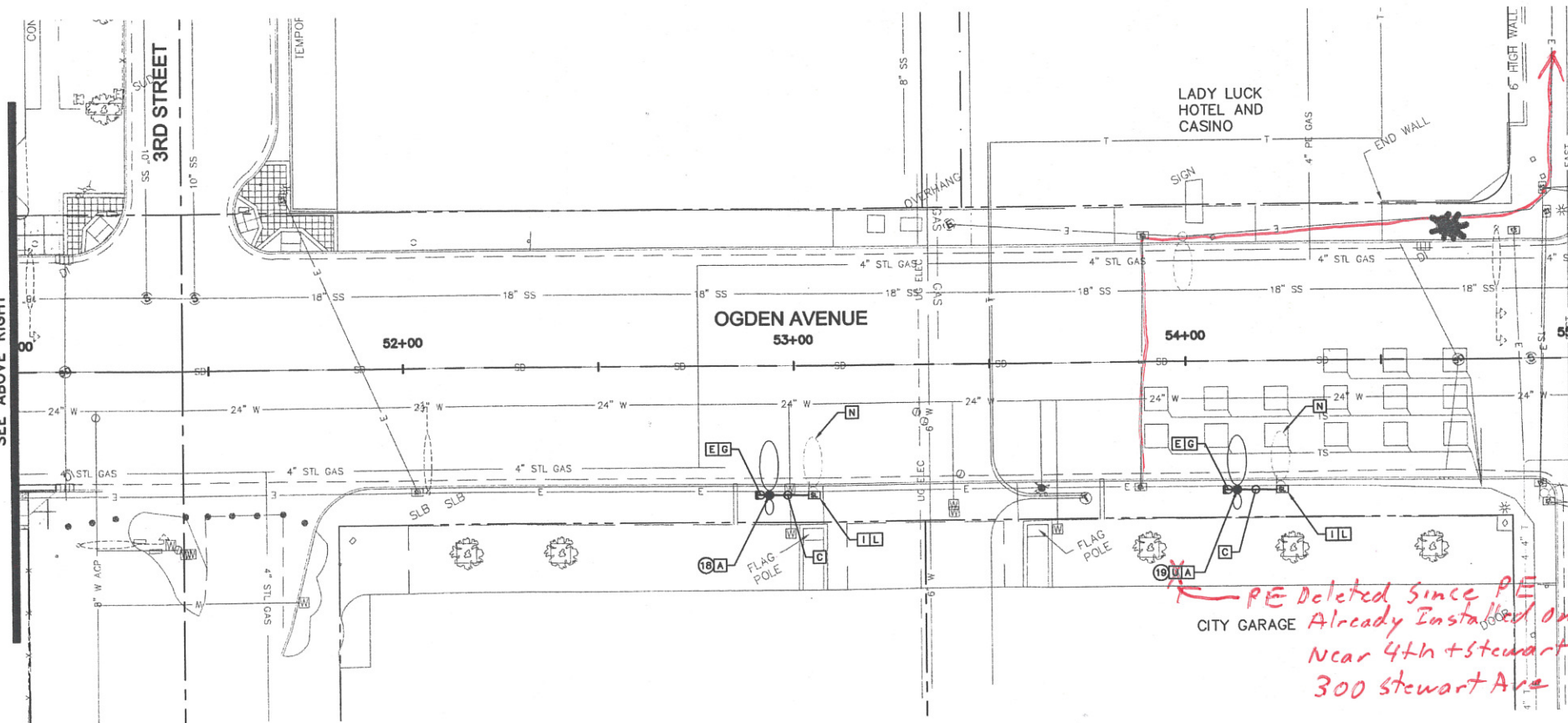
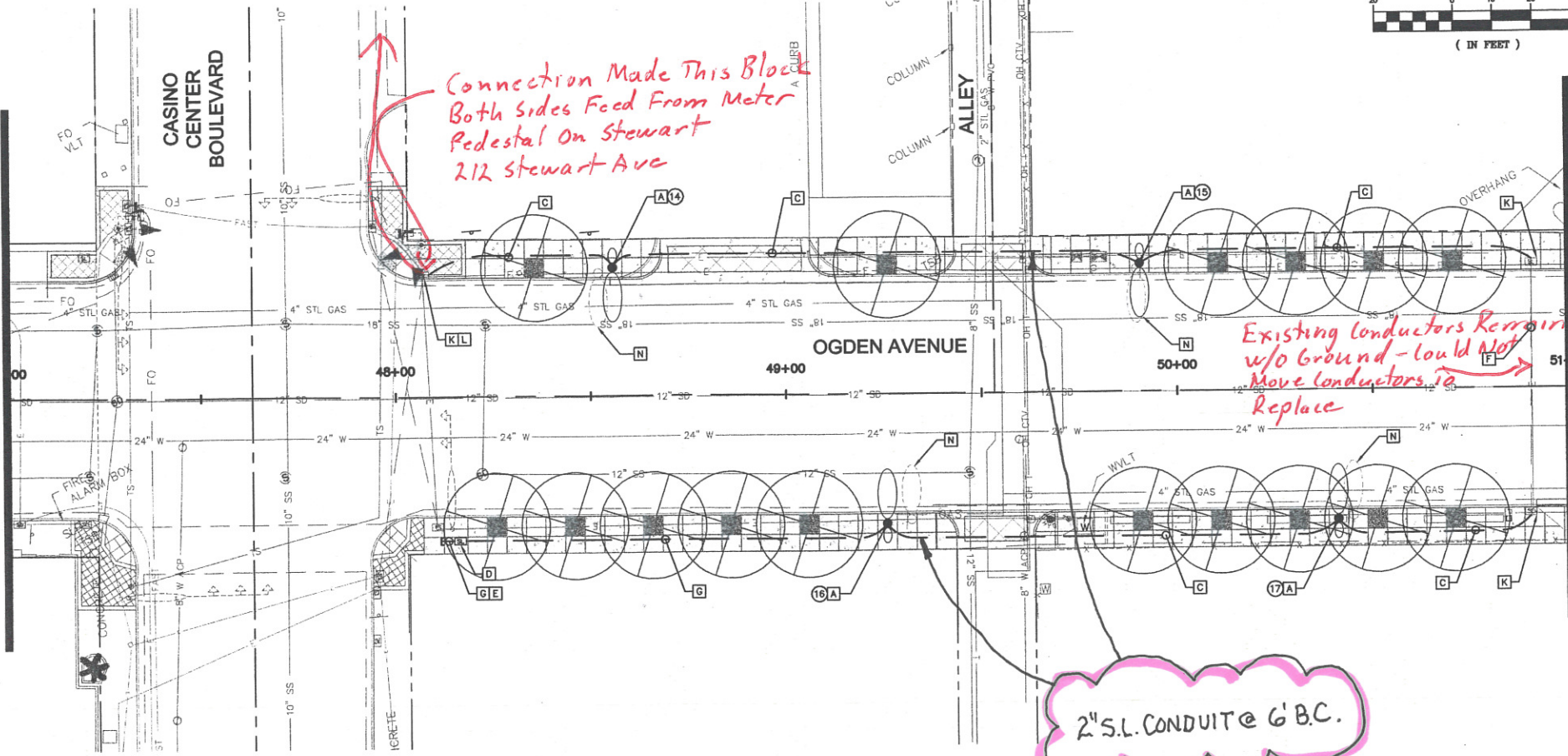
PROJECT: STEWART/OGDEN
STREETSCAPE
ENHANCEMENTS

SHEET: STREETLIGHT SHEET

10/15/13

MATCHLINE ~ STA 47+00
SEE SHEET SL-03

MATCHLINE ~ STA 51+00
SEE ABOVE RIGHT



STREETLIGHT AND ELECTRICAL SERVICE CONSTRUCTION NOTES

- INSTALL DUAL ARM STREETLIGHT ASSEMBLY AND FOUNDATION (SEE DETAILS, SHEET SL-07). SEE PLANS FOR STREET LIGHT CIRCUIT CONNECTIVITY.
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- REPLACE EXISTING STREET LIGHTING CONDUCTORS BETWEEN PULL BOX AND EXISTING SERVICE WITH 2-#4 (BLACK +, RED -) THW AND 1-#8 (GREEN GROUND) NEW STREET LIGHTING CONDUCTORS.
- INTERCEPT EXISTING PULL BOX AND INSTALL NEW CONDUIT(S).
- MAINTAIN EXISTING CONNECTIONS AND/OR SPICE EXISTING CONDUCTORS TO NEW CONDUCTORS IN PULL BOX.
- BACK PULL EXISTING CONDUCTORS TO NEAREST POLE, PULL NEW CONDUCTORS TO POLE AND SPICE NEW CONDUCTORS TO EXISTING CONDUCTORS IN POLE BASE.
- REMOVE AND SALVAGE EXISTING STREETLIGHT POLE AND EQUIPMENT. REMOVE POLE FOUNDATION TO 24" BELOW FINISHED GRADE. CONTRACTOR SHALL ABANDON EXISTING OVERHEAD INTERCONNECT CONDUCTOR ON EXISTING POLES ON THE NORTH SIDE OF OGDEN AVENUE BETWEEN MAIN STREET AND 1ST STREET.
- REMOVE AND SALVAGE EXISTING POLE AND EQUIPMENT. INSTALL DUAL STREETLIGHT ASSEMBLY (SEE DETAILS, SHEET SL-07) ON EXISTING FOUNDATION.
- INSTALL SINGLE ARM STREETLIGHT ASSEMBLY AND FOUNDATION (SEE DETAILS, SHEET SL-07). SEE PLANS FOR STREET LIGHT CIRCUIT CONNECTIVITY.
- SEE CONDUIT TRENCH IN PAVEMENT DETAIL, (SHEET SL-07).
- CONTRACTOR SHALL REMOVE EXISTING RCOC CONTACTOR FROM EXISTING STREETLIGHT POLE. CONTRACTOR SHALL RE-CIRCUIT THIS STREETLIGHT TO CIRCUIT B (STREETLIGHTS ON NORTH SIDE OF STREET).
- CONTRACTOR SHALL REMOVE EXISTING RCOC FROM EXISTING STREETLIGHT POLE AND INSTALL NEW CONTACTOR FOR EXISTING CIRCUIT IN EXISTING SERVICE PEDESTAL FOR THAT CIRCUIT.
- EXISTING POLE MOUNTED STREETLIGHT SERVICE WILL BE REMOVED AND REPLACED WITH GROUND MOUNTED SERVICE PEDESTAL BY CLV STAFF. CONTRACTOR SHALL FURNISH AND INSTALL NEW CONTACTOR FOR THIS STREETLIGHT CIRCUIT.
- CONTRACTOR SHALL FURNISH AND INSTALL PHOTOELECTRIC CONTROL UNIT (PEU) ON TOP OF NEW POLE. INSTALL WIRING FROM PEU TO SERVICE PEDESTAL. INSTALL 15 AMP BREAKER IN PEDESTAL, SEE USDC DRAWING NO. 335.52 FOR REQUIREMENTS.

STREETLIGHT GENERAL NOTES

- ALL STREETLIGHT EQUIPMENT THAT IS TO BE SALVAGED SHALL BE RETURNED TO THE CLV EAST SERVICE YARD. PROVIDE 24 HOUR NOTICE PRIOR TO DELIVERY, CALL 702-228-6331 TO SCHEDULE DELIVERY TIME. CONTRACTOR MUST HAVE A MEANS TO UNLOAD EQUIPMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EQUIPMENT AND MATERIALS INCURRED IN THIS PROCESS.
- STREET LIGHT POLE ID NUMBER (SEE SHEET SL-06).

Removed Overhead Interconnect Cable Between 3rd And 4th Per CLV's Direction

PE Deleted Since PE Already Installed On Street Light Near 4th + Stewart Meter Pedestal 300 Stewart Ave

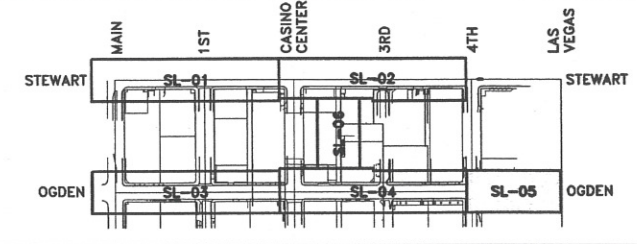
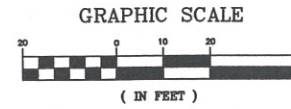
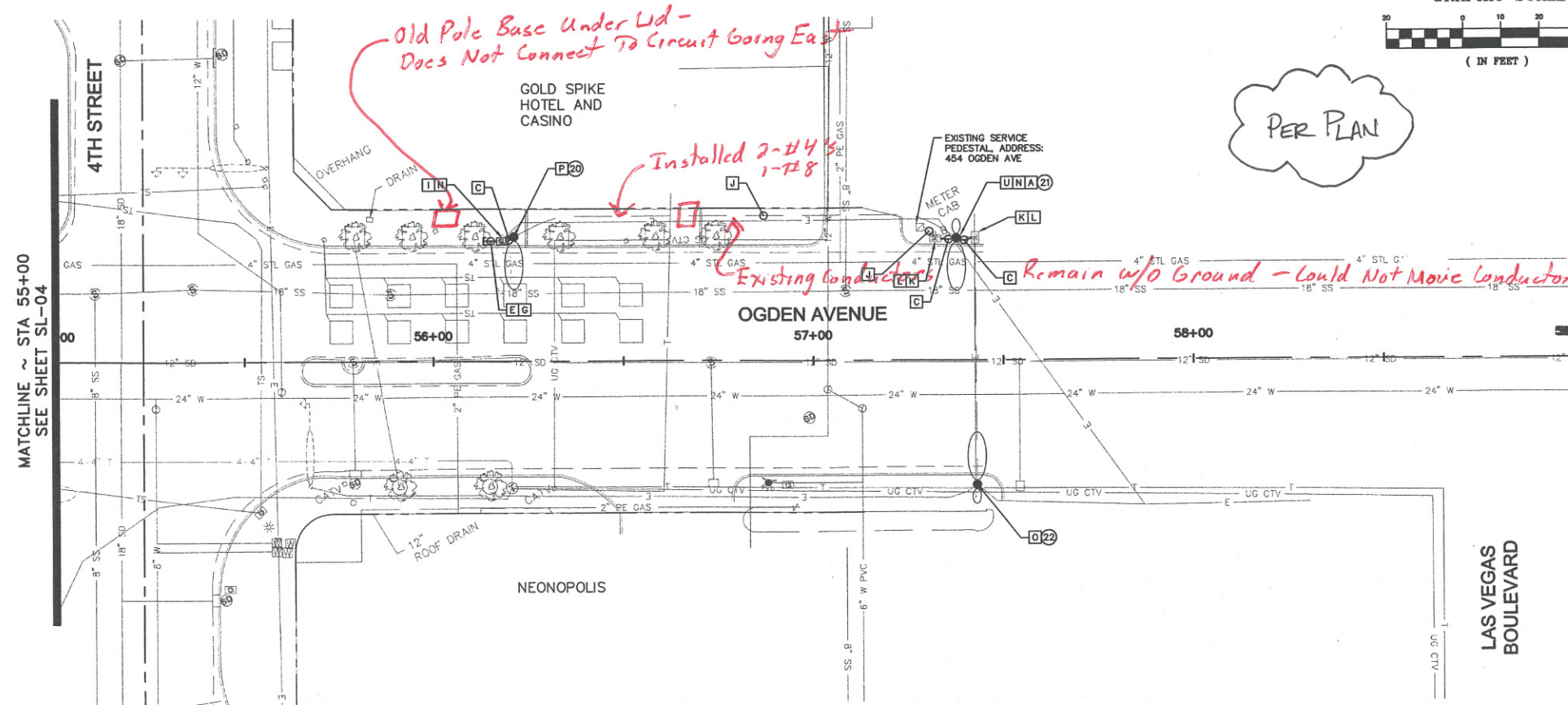
John Danc - Foreman

LVE As-Built's

DATE: JANUARY 2013		 Kimley-Horn and Associates, Inc. Engineering, Planning, and Environmental Consultants 6871 Las Vegas Blvd. S., Suite 320, Las Vegas, NV 89119
SCALE (V): NTS	CHECKED BY: PNM	
SCALE (H): NTS	DESIGNED BY: NSM	
SCALE (P): NTS	DRAWN BY: NSM	
DEPARTMENT OF PUBLIC WORKS PROJECT: STEWART/OGDEN STREETSCAPE ENHANCEMENTS SHEET: STREETLIGHT SHEET		 SHANNON R. AHARTIZ CIVIL Exp. 12/31/14 No. 021219
CALL SOUTHWEST GAS at 365-2296 for Standby when excavating over or near HIGH PRESSURE GAS LINES 811 SAFETY ALERT Call Before You Dig Know what's below UnderGround 1-702-432-5300		

LVE As-Built's

John Dane-Forcman



KEY MAP NTS

STREETLIGHT AND ELECTRICAL SERVICE CONSTRUCTION NOTES

- A. INSTALL DUAL ARM STREETLIGHT ASSEMBLY AND FOUNDATION (SEE DETAILS, SHEET SL-07). SEE PLANS FOR STREET LIGHT CIRCUIT CONNECTIVITY.
- B. INTERCEPT EXISTING STREET LIGHTING CONDUIT. FURNISH AND INSTALL NO. 3 PULL BOX MARKED "STREETLIGHT" PER CCAUSD NO. 705. BACK PULL EXISTING CONDUCTORS TO NEAREST POLE OR PULL BOX. PULL NEW CONDUCTORS TO POLE(S) OR PULL BOX AND SPLICE NEW CONDUCTORS TO EXISTING CONDUCTORS IN POLE BASE OR PULL BOX TO MAINTAIN EXISTING CIRCUITS.
- C. FURNISH AND INSTALL 1-2" PVC CONDUIT WITH 2-#4 (BLACK +, RED -) THW AND 1-#8 THW (GREEN GROUND) STREET LIGHTING CONDUCTORS.
- D. FURNISH AND INSTALL NO. 3 1/2 PULL BOX MARKED "STREETLIGHT" PER CCAUSD NO. 705.
- E. EXTEND CONDUIT 3' FROM POLE FOUNDATION OR PULL BOX, CAP AND SEAL CONDUIT.
- F. FURNISH AND INSTALL 2-#4 (1-BLACK +, 1-RED -) THW AND 1-#8 THW (GREEN GROUND) STREET LIGHTING CONDUCTORS IN EXISTING CONDUIT. REMOVE EXISTING STREET LIGHTING CONDUCTORS FOR CIRCUIT BEING REPLACED.
- G. FURNISH AND INSTALL 1-2" PVC CONDUIT WITH 1-#8 GROUND/TRACER WIRE AND PULL ROPE.
- H. INTERCEPT EXISTING STREET LIGHTING CONDUIT. FURNISH AND INSTALL NO. 3 1/2 PULL BOX MARKED "STREET LIGHT" PER CCAUSD NO. 705.
- I. FURNISH AND INSTALL NO. 5 PULL BOX MARKED "STREETLIGHT" PER CCAUSD NO. 706 AT LOCATION OF POLE REMOVAL.
- J. REPLACE EXISTING STREET LIGHTING CONDUCTORS BETWEEN PULL BOX AND EXISTING SERVICE WITH 2-#4 (BLACK +, RED -) THW AND 1-#8 (GREEN GROUND) NEW STREET LIGHTING CONDUCTORS.
- K. INTERCEPT EXISTING PULL BOX AND INSTALL NEW CONDUIT(S).
- L. MAINTAIN EXISTING CONNECTIONS AND/OR SPLICE EXISTING CONDUCTORS TO NEW CONDUCTORS IN PULL BOX.
- M. BACK PULL EXISTING CONDUCTORS TO NEAREST POLE. PULL NEW CONDUCTORS TO POLE AND SPLICE NEW CONDUCTORS TO EXISTING CONDUCTORS IN POLE BASE.
- N. REMOVE AND SALVAGE EXISTING STREETLIGHT POLE AND EQUIPMENT. REMOVE POLE FOUNDATION TO 24" BELOW FINISHED GRADE. CONTRACTOR SHALL ABANDON EXISTING OVERHEAD INTERCONNECT CONDUCTOR ON EXISTING POLES ON THE NORTH SIDE OF OGDEN AVENUE BETWEEN MAIN STREET AND 1ST STREET.
- O. REMOVE AND SALVAGE EXISTING POLE AND EQUIPMENT. INSTALL DUAL STREETLIGHT ASSEMBLY (SEE DETAILS, SHEET SL-07) ON EXISTING FOUNDATION.
- P. INSTALL SINGLE ARM STREETLIGHT ASSEMBLY AND FOUNDATION (SEE DETAILS, SHEET SL-07). SEE PLANS FOR STREET LIGHT CIRCUIT CONNECTIVITY.
- Q. SEE CONDUIT TRENCH IN PAVEMENT DETAIL, (SHEET SL-07).
- R. CONTRACTOR SHALL REMOVE EXISTING RCOO CONTACTOR FROM EXISTING STREETLIGHT POLE. CONTRACTOR SHALL RE-CIRCUIT THIS STREETLIGHT TO CIRCUIT B (STREETLIGHTS ON NORTH SIDE OF STREET).
- S. CONTRACTOR SHALL REMOVE EXISTING RCOO FROM EXISTING STREETLIGHT POLE AND INSTALL NEW CONTACTOR FOR EXISTING CIRCUIT IN EXISTING SERVICE PEDESTAL FOR THAT CIRCUIT.
- T. EXISTING POLE MOUNTED STREETLIGHT SERVICE WILL BE REMOVED AND REPLACED WITH GROUND MOUNTED SERVICE PEDESTAL BY CLV STAFF. CONTRACTOR SHALL FURNISH AND INSTALL NEW CONTACTOR FOR THIS STREETLIGHT CIRCUIT.
- U. CONTRACTOR SHALL FURNISH AND INSTALL PHOTOELECTRIC CONTROL UNIT (PEU) ON TOP OF NEW POLE. INSTALL WIRING FROM PEU TO SERVICE PEDESTAL. INSTALL 15 AMP BREAKER IN PEDESTAL. SEE USDOC DRAWING NO. 335.52 FOR REQUIREMENTS.

STREETLIGHT GENERAL NOTES

1. ALL STREETLIGHT EQUIPMENT THAT IS TO BE SALVAGED SHALL BE RETURNED TO THE CLV EAST SERVICE YARD. PROVIDE 24 HOUR NOTICE PRIOR TO DELIVERY. CALL 702-229-6331 TO SCHEDULE DELIVERY TIME. CONTRACTOR MUST HAVE A MEANS TO UNLOAD EQUIPMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EQUIPMENT AND MATERIALS INCURRED IN THIS PROCESS.
- XX. STREET LIGHT POLE ID NUMBER (SEE SHEET SL-06).

DATE	
REVISIONS	

DATE: JANUARY 2013
 CHECKED BY: PM
 DESIGNED BY: NSM
 DRAWN BY: NSM
 SCALE (H): NTS
 SCALE (V): NTS
Kimley-Horn and Associates, Inc.
 Engineering, Planning, and Environmental Consultants
 8871 Las Vegas Blvd. S., Suite 320,
 Las Vegas, NV 89119 PH: (702) 885-3900



DEPARTMENT OF PUBLIC WORKS
 PROJECT: STEWART/OGDEN STREETSCAPE ENHANCEMENTS
 SHEET: STREETLIGHT SHEET

1/25/2013
 SHANNON R. AHARTZ
 CIVIL
 Exp: 12/31/14
 License No. 021219

CALL SOUTHWEST GAS at 365-2296 for Standby when excavating over or near HIGH PRESSURE GAS LINES

811
 SAFETY ALERT
 Call Before You Dig
 Know what's below

EXISTING SERVICE PEDESTAL ADDRESS: 10 STEWART AVENUE (A) *		
EXISTING STREET LIGHTS TO BE REMOVED		
0	NUMBER OF 250 WATT STREET LIGHTS @ 1.5 AMPS/EA	0 AMPS
1	NUMBER OF 550 WATT STREET LIGHTS @ 2.5 AMPS/EA	2.5 AMPS
TOTAL EXISTING CIRCUIT LOAD TO BE MODIFIED		2.5 AMPS
NEW STREET LIGHTS TO REPLACE EXISTING		
0	NUMBER OF 250 WATT STREET LIGHTS @ 1.5 AMPS/EA	0 AMPS
0	NUMBER OF 350 WATT STREET LIGHTS @ 2.0 AMPS/EA	0 AMPS
TOTAL NEW STREET LIGHT LOAD		0 AMPS
TOTAL INCREASE IN EXISTING CIRCUIT LOAD		0 AMPS
TOTAL REDUCTION IN EXISTING CIRCUIT LOAD		2.5 AMPS

EXISTING SERVICE PEDESTAL ADDRESS: 10 STEWART AVENUE (B) *		
EXISTING STREET LIGHTS TO BE REMOVED		
5	NUMBER OF 250 WATT STREET LIGHTS @ 1.5 AMPS/EA	7.5 AMPS
0	NUMBER OF 550 WATT STREET LIGHTS @ 2.5 AMPS/EA	0 AMPS
TOTAL EXISTING CIRCUIT LOAD TO BE MODIFIED		7.5 AMPS
NEW STREET LIGHTS TO REPLACE EXISTING		
0	NUMBER OF 250 WATT STREET LIGHTS @ 1.5 AMPS/EA	0 AMPS
6	NUMBER OF 350 WATT STREET LIGHTS @ 2.0 AMPS/EA	12 AMPS
TOTAL NEW STREET LIGHT LOAD		12 AMPS ¹
TOTAL INCREASE IN EXISTING CIRCUIT LOAD		4.5 AMPS
TOTAL REDUCTION IN EXISTING CIRCUIT LOAD		0 AMPS

EXISTING SERVICE PEDESTAL ADDRESS: 110 STEWART AVENUE *		
EXISTING STREET LIGHTS TO BE REMOVED		
0	NUMBER OF 250 WATT STREET LIGHTS @ 1.5 AMPS/EA	0 AMPS
3	NUMBER OF 550 WATT STREET LIGHTS @ 2.5 AMPS/EA	7.5 AMPS
TOTAL EXISTING CIRCUIT LOAD TO BE MODIFIED		7.5 AMPS
NEW STREET LIGHTS TO REPLACE EXISTING		
0	NUMBER OF 250 WATT STREET LIGHTS @ 1.5 AMPS/EA	0 AMPS
3	NUMBER OF 350 WATT STREET LIGHTS @ 2.0 AMPS/EA	6.0 AMPS
TOTAL NEW STREET LIGHT LOAD		6.0 AMPS
TOTAL INCREASE IN EXISTING CIRCUIT LOAD		0 AMPS
TOTAL REDUCTION IN EXISTING CIRCUIT LOAD		1.5 AMPS

EXISTING SERVICE PEDESTAL ADDRESS: 212 STEWART AVENUE *		
EXISTING STREET LIGHTS TO BE REMOVED		
0	NUMBER OF 250 WATT STREET LIGHTS @ 1.5 AMPS/EA	0 AMPS
5	NUMBER OF 550 WATT STREET LIGHTS @ 2.5 AMPS/EA	12.5 AMPS
TOTAL EXISTING CIRCUIT LOAD TO BE MODIFIED		12.5 AMPS
NEW STREET LIGHTS TO REPLACE EXISTING		
0	NUMBER OF 250 WATT STREET LIGHTS @ 1.5 AMPS/EA	0 AMPS
6	NUMBER OF 350 WATT STREET LIGHTS @ 2.0 AMPS/EA	12.0 AMPS
TOTAL NEW STREET LIGHT LOAD		12.0 AMPS
TOTAL INCREASE IN EXISTING CIRCUIT LOAD		0 AMPS
TOTAL REDUCTION IN EXISTING CIRCUIT LOAD		0.5 AMPS

EXISTING SERVICE PEDESTAL ADDRESS: 310 STEWART AVENUE *		
EXISTING STREET LIGHTS TO BE REMOVED		
0	NUMBER OF 250 WATT STREET LIGHTS @ 1.5 AMPS/EA	0 AMPS
2	NUMBER OF 550 WATT STREET LIGHTS @ 2.5 AMPS/EA	5.0 AMPS
TOTAL EXISTING CIRCUIT LOAD TO BE MODIFIED		5.0 AMPS
NEW STREET LIGHTS TO REPLACE EXISTING		
0	NUMBER OF 250 WATT STREET LIGHTS @ 1.5 AMPS/EA	0 AMPS
2	NUMBER OF 350 WATT STREET LIGHTS @ 2.0 AMPS/EA	4.0 AMPS
TOTAL NEW STREET LIGHT LOAD		4.0 AMPS
TOTAL INCREASE IN EXISTING CIRCUIT LOAD		0 AMPS
TOTAL REDUCTION IN EXISTING CIRCUIT LOAD		1.0 AMPS

EXISTING SERVICE PEDESTAL ADDRESS: 11 OGDEN AVENUE *		
EXISTING STREET LIGHTS TO BE REMOVED		
0	NUMBER OF 250 WATT STREET LIGHTS @ 1.5 AMPS/EA	0 AMPS
5	NUMBER OF 550 WATT STREET LIGHTS @ 2.5 AMPS/EA	12.5 AMPS
TOTAL EXISTING CIRCUIT LOAD TO BE MODIFIED		12.5 AMPS
NEW STREET LIGHTS TO REPLACE EXISTING		
2	NUMBER OF 250 WATT STREET LIGHTS @ 1.5 AMPS/EA	3.0 AMPS
3	NUMBER OF 350 WATT STREET LIGHTS @ 2.0 AMPS/EA	6.0 AMPS
TOTAL NEW STREET LIGHT LOAD		9.0 AMPS
TOTAL INCREASE IN EXISTING CIRCUIT LOAD		0 AMPS
TOTAL REDUCTION IN EXISTING CIRCUIT LOAD		3.5 AMPS

EXISTING SERVICE FEDESTAL ADDRESS: 111 1/2 OGDEN AVENUE *		
EXISTING STREET LIGHTS TO BE REMOVED		
0	NUMBER OF 250 WATT STREET LIGHTS @ 1.5 AMPS/EA	0 AMPS
2	NUMBER OF 550 WATT STREET LIGHTS @ 2.5 AMPS/EA	5.0 AMPS
TOTAL EXISTING CIRCUIT LOAD TO BE MODIFIED		5.0 AMPS
NEW STREET LIGHTS TO REPLACE EXISTING		
0	NUMBER OF 250 WATT STREET LIGHTS @ 1.5 AMPS/EA	0 AMPS
2	NUMBER OF 350 WATT STREET LIGHTS @ 2.0 AMPS/EA	4.0 AMPS
TOTAL NEW STREET LIGHT LOAD		4.0 AMPS
TOTAL INCREASE IN EXISTING CIRCUIT LOAD		0 AMPS
TOTAL REDUCTION IN EXISTING CIRCUIT LOAD		1.0 AMPS

EXISTING SERVICE PEDESTAL ADDRESS: 454 OGDEN AVENUE*		
EXISTING STREET LIGHTS TO BE REMOVED		
1	NUMBER OF 250 WATT STREET LIGHTS @ 1.5 AMPS/EA	1.5 AMPS
2	NUMBER OF 550 WATT STREET LIGHTS @ 2.5 AMPS/EA	5.0 AMPS
TOTAL EXISTING CIRCUIT LOAD TO BE MODIFIED		6.5 AMPS
NEW STREET LIGHTS TO REPLACE EXISTING		
1	NUMBER OF 250 WATT STREET LIGHTS @ 1.5 AMPS/EA	1.5 AMPS
2	NUMBER OF 350 WATT STREET LIGHTS @ 2.0 AMPS/EA	4.0 AMPS
TOTAL NEW STREET LIGHT LOAD		5.5 AMPS
TOTAL INCREASE IN EXISTING CIRCUIT LOAD		0 AMPS
TOTAL REDUCTION IN EXISTING CIRCUIT LOAD		1.0 AMPS

POLE No.	WATTAGE (STREET/SIDEWALK)	STREET	STATION AND OFFSET **	SERVICE METER ADDRESS *	NOTES
①	250/100	STEWART AVENUE	11+35.8, 32.5' RT	10 STEWART AVE	REMRE TO CIRCUIT B
②	250/100	STEWART AVENUE	12+70.7, 32.5' RT	11 OGDEN AVE	
③	250/100	STEWART AVENUE	14+35.4, 32.5' RT	110 STEWART AVE	
④	250/100	STEWART AVENUE	15+46.7, 32.5' RT		
⑤	250/100	STEWART AVENUE	16+69.6, 32.7' RT		
⑥	250/100	STEWART AVENUE	19+08.9, 32.6' RT	212 STEWART AVE	
⑦	250/100	STEWART AVENUE	20+42.9, 32.8' RT		
⑧	250	OGDEN AVENUE	40+96.0, 32.1' LT		NO 4' ARM ON POLE ⑧
⑨	250/100	OGDEN AVENUE	41+55.7, 32.9' RT	11 OGDEN AVE	NO 4' ARM ON POLE ⑩
⑩	250	OGDEN AVENUE	42+31.0, 32.9' LT		
⑪	250/100	OGDEN AVENUE	42+68.8, 32.2' RT		
⑫	250/100	OGDEN AVENUE	45+16.4, 32.9' LT	111½ OGDEN AVE	
⑬	250/100	OGDEN AVENUE	45+52.0, 33.0' RT		
⑭	250/100	OGDEN AVENUE	48+55.8, 32.8' LT		
⑮	250/100	OGDEN AVENUE	49+90.6, 32.7' RT	212 STEWART AVE	
⑯	250/100	OGDEN AVENUE	49+25.7, 33.1' LT		
⑰	250/100	OGDEN AVENUE	50+40.9, 33.0' RT		
⑱	250/100	OGDEN AVENUE	52+93.5, 33.0' LT	310 STEWART AVE	
⑲	250/100	OGDEN AVENUE	54+12.8, 32.9' LT		
⑳	250	OGDEN AVENUE	56+21.2, 32.7' LT		
㉑	250/100	OGDEN AVENUE	57+37.8, 32.0' LT	454 OGDEN AVE	NO 4' ARM ON POLE ㉒
㉒	250/100	OGDEN AVENUE	57+43.0, 32.8' LT		
㉓	250/100	STEWART AVENUE	11+00.0, 31.9' LT		
㉔	250/100	STEWART AVENUE	12+14.2, 31.9' LT	10 STEWART AVE	
㉕	250/100	STEWART AVENUE	13+31.2, 31.9' LT		
㉖	250/100	STEWART AVENUE	14+87.8, 31.9' LT		
㉗	250/100	STEWART AVENUE	16+02.8, 31.9' LT		
㉘	250/100	STEWART AVENUE	23+84.0, 42.1' LT		

**CALL SOUTHWEST GAS
at 365-2296 for Standby
when excavating over or near
HIGH PRESSURE GAS LINES**

811


SAFETY ALERT


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Dig

Underground
Know what's below
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Underground
1-702-432-5300
FREETEST.ASGAS.COM

DEPARTMENT OF PUBLIC WORKS	PROJECT:	STEWART/OGDEN STREETSCAPE ENHANCEMENTS
SHEET:	STREETLIGHT SHEET	

1/25/2013

SECRET NO.
SL-06

PAGE 22 OF 38

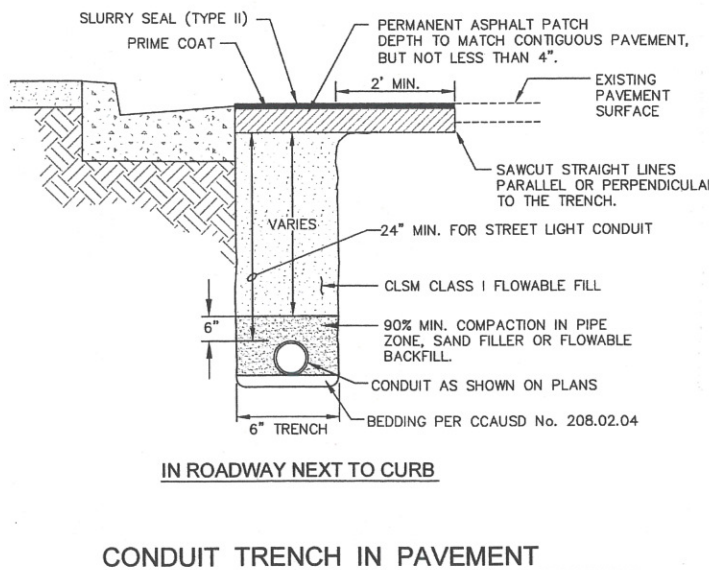
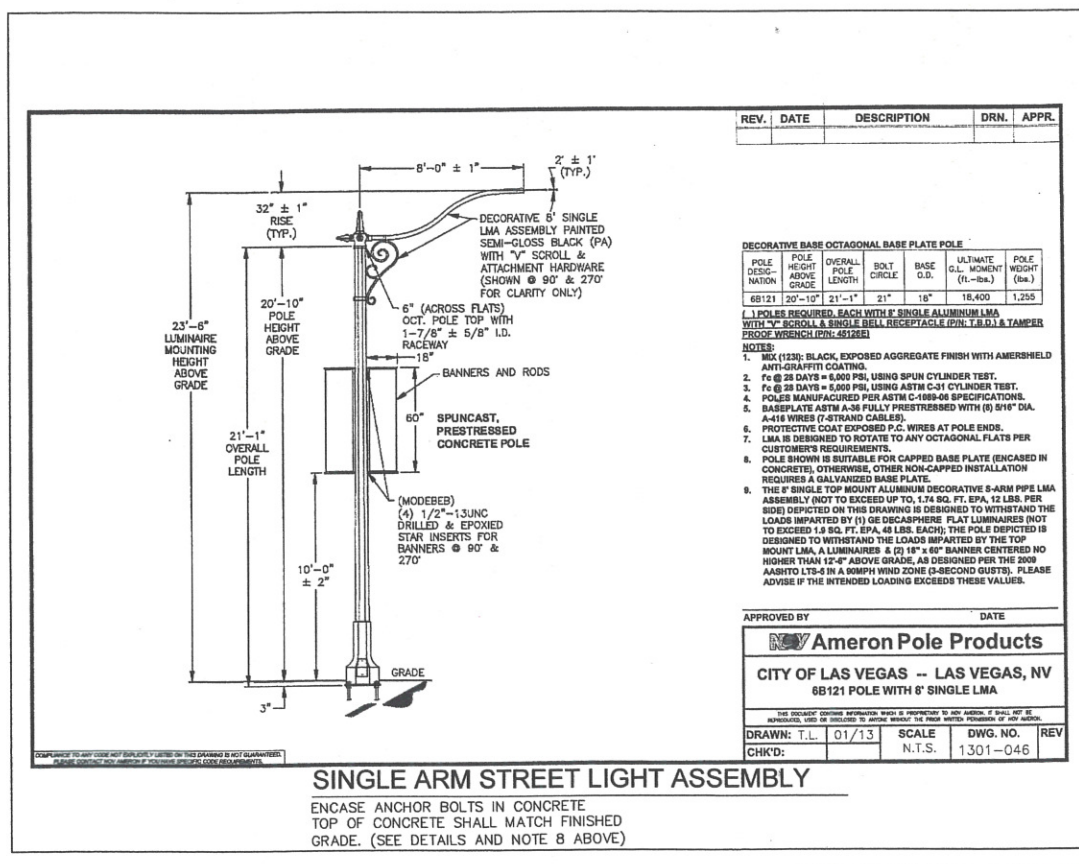
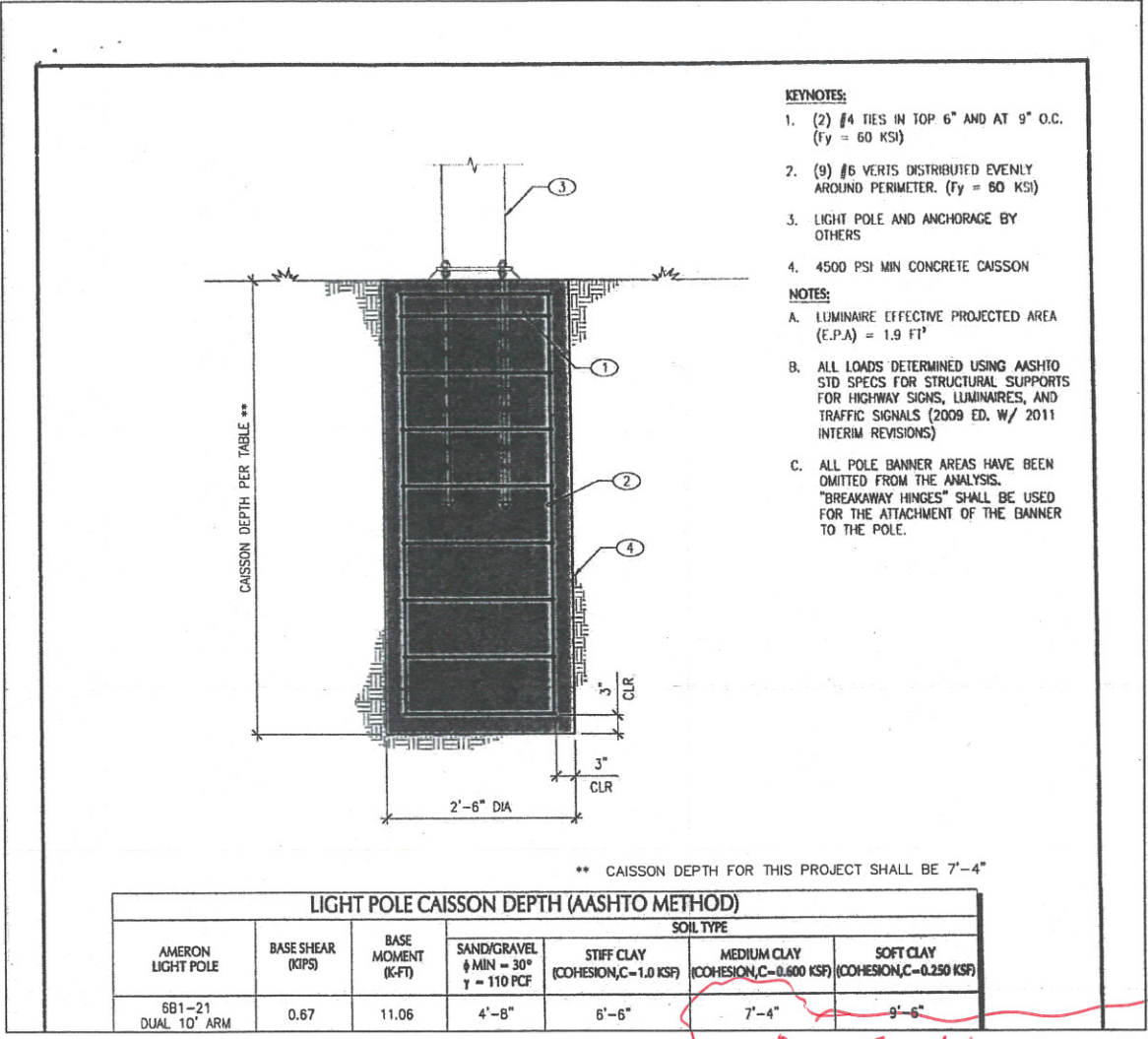
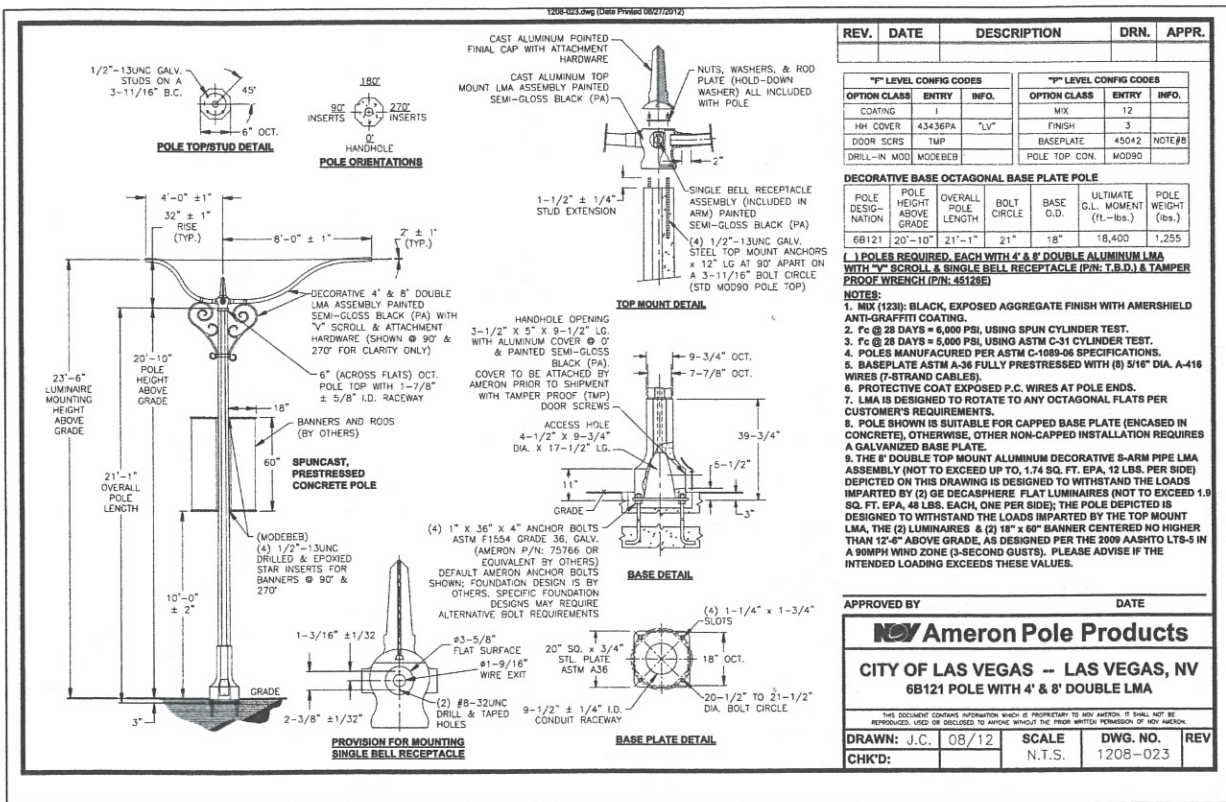
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Jan 25, 2013 - 4:08pm - USER ahannon.ahartz
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LVE As-Builts

John Dane - Foreman



CALL SOUTHWEST GAS at 365-2296 for Standby when excavating over or near HIGH PRESSURE GAS LINES



SAFETY ALERT
Call Before You Dig
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DEPARTMENT OF PUBLIC WORKS

STEWART/OGDEN
STREETSCAPE
ENHANCEMENTS

PROJECT: STREETLIGHT SHEET

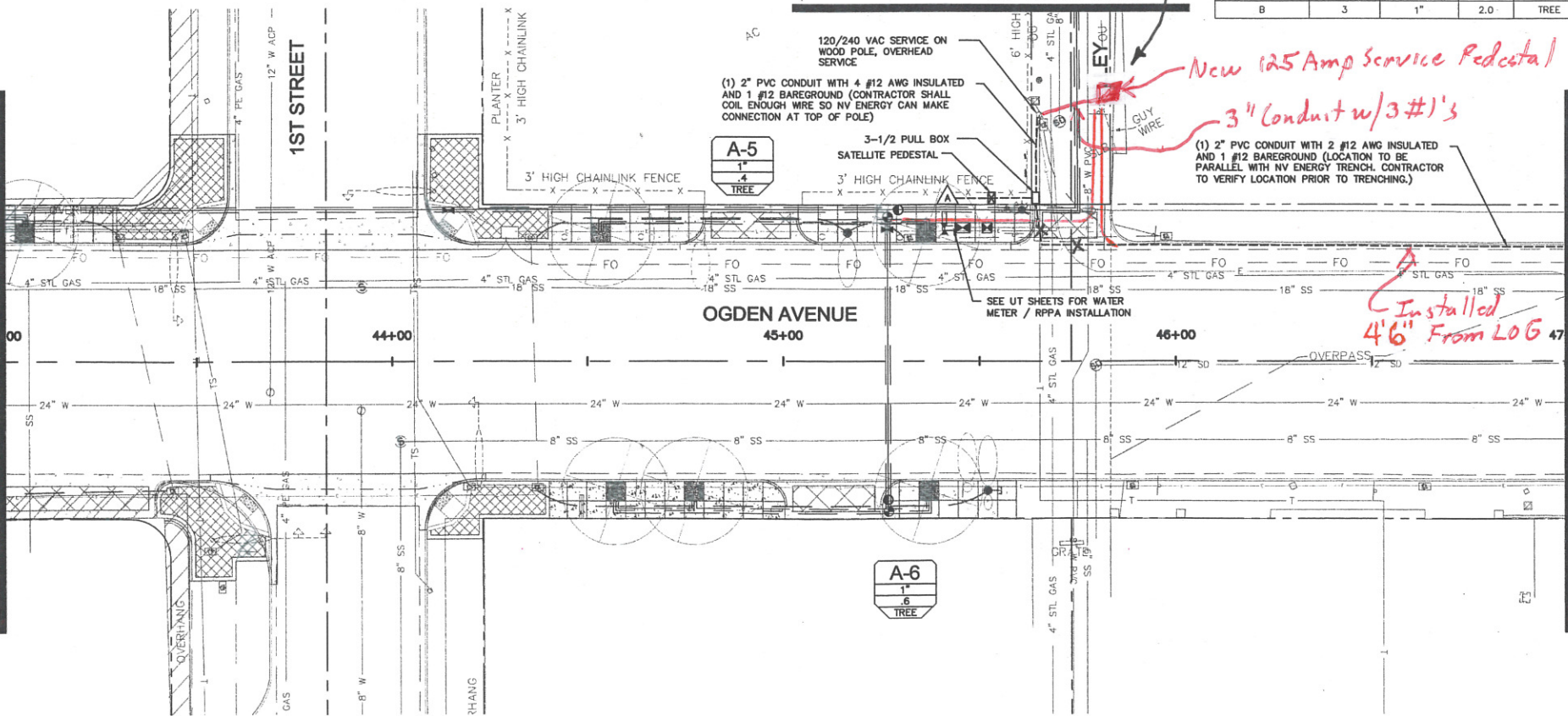
SHEET: 107V5/39

SHANNON R. AHARTZ
Exp: 12/31/14
CIVIL

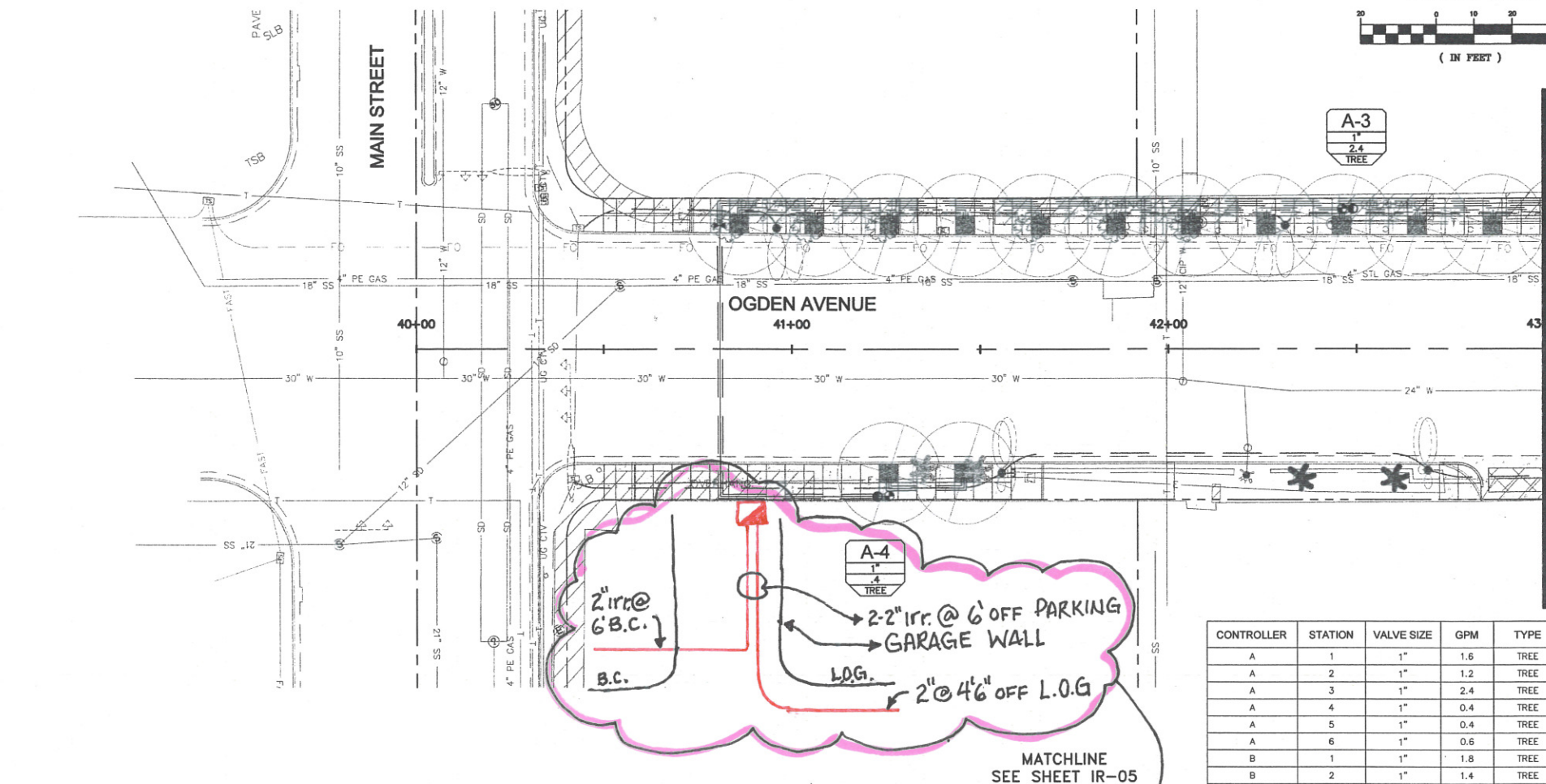
02/04/13

107V5/39

MATCHLINE ~ STA 43+00
SEE ABOVE RIGHT



MATCHLINE ~ STA 47+00
SEE SHEET IR-04



GRAPHIC SCALE

(IN FEET)

A-3
1"
2.4
TREE

A-4
1"
4
TREE

A-5
1"
4
TREE

A-6
1"
6
TREE

NOTES

1. THE IRRIGATION PLANS ARE SCHEMATIC, PLACE ALL EQUIPMENT, PIPING AND WIRING IN LANDSCAPE PLANTERS WHEREVER POSSIBLE.
2. IT IS THE INTENT OF THESE DRAWINGS TO PROVIDE A 100% COVERAGE IRRIGATION SYSTEM TO ALL PROPOSED PLANTINGS.
3. IF DISCREPANCIES EXIST BETWEEN THESE PLANS AND ACTUAL SITE CONDITIONS, BRING THE DISCREPANCIES TO THE IMMEDIATE ATTENTION OF THE CONSTRUCTION MANAGER.
4. THE CONTRACTOR SHALL COMPLY WITH ALL LAWS, CODES AND ORDINANCES AS THEY PERTAIN TO THE SPECIFIED WORK.
5. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS AND FEES ASSOCIATED WITH THE SPECIFIED WORK, EXCEPT ORDINANCES AS THEY PERTAIN TO THE SPECIFIED WORK.
6. THE LANDSCAPE ARCHITECT HAS WORKED TO ASCERTAIN THE LOCATION OF UTILITIES THAT MAY CONFLICT WITH THE WORK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR THE MARKING OF ALL UTILITIES PRIOR TO BEGINNING WORK.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES AND OR STRUCTURES DURING THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL REPAIR ALL DAMAGE TO THE OWNER'S STANDARDS AT NO ADDITIONAL COST TO THE OWNER.
8. THE CONTRACTOR SHALL CAP ALL IRRIGATION LINES AND RECOATE EXISTING EMITTERS CURRENTLY LOCATED IN DEMOLITION AREAS. CONTRACTOR SHALL REGRADE, REPAIR AND REPLACE BOULDER BANDS, CRUSHED STONE PAVING, REPLACE GLASS BLOCK BAND AND ILLUMINATOR AT CONTRACTOR'S EXPENSE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING CONDITIONS PRIOR TO BIDDING.
9. SYSTEM REQUIRES A STATIC WATER PRESSURE AT POINT OF CONNECTION OF 52 PSI. NOTIFY LANDSCAPE ARCHITECT IF SOURCE WATER PRESSURE IS LESS THAN 52 PSI.
10. RUN NO MORE THAN 2 VALVES CONCURRENTLY.

A-1
1"
00.0
TREE

CONTROLLER/STATION NUMBER
VALVE SIZE
GPM
TREE/SHRUB

EMITTER QUANTITIES

PLANT SIZE	QTY
TREES:	
36" BOX	12 GPH

IRRIGATION SCHEDULE

EMITTERS

SYMBOL	DESCRIPTION	PAT.	RAD.	PSI	GPM/H	MANUFACTURER	MODEL	DETAIL/SHEET
NOT SHOWN	EMITTER	DRIP	-	7	2.0 GPH	BOWSMITH	SL-220 (FOR TREES)	D,G/IR-06

EQUIPMENT

QTY	SYMBOL	DESCRIPTION	MODEL	DETAIL/SHEET
2	A	AUTOMATIC PEDESTAL MOUNT CONTROLLER(S) (A / B) - 6 STATION CONTROLLER	RAINBIRD ESP-SAT-12-2S WITH ONE REMOTE CONTROL TECHNOLOGY COMMANDER PER PROJECT.	A/IR-06
2	B	WATER METER (SEE SHEET UT-03 TO UT-04)		UT-03-UT-04
2	C	BACKFLOW PREVENTION DEVICE: (SEE SHEET UT-03 TO UT-04)		UT-03-UT-04
2	F	FLOW SENSOR ASSEMBLY (OPERABLE BETWEEN 7.0 TO 225.0 GPM)	DATA INDUSTRIAL	
7	D	GATE VALVE (1")	NIBCO T-113	I/IR-06
9	E	DRIP VALVE ASSEMBLY: RAINBIRD XCZ-LF-100-PRF		B/IR-06
9	F	1" QUICK COUPLER VALVE		
2 per drip zone	G	AGRICULTURAL PRODUCTS (AUTOMATIC FLUSH VALVE)	FCH-L-PIPT	

NOTE: ALL MAINLINE, LATERAL, AND FITTINGS LOCATED UNDER PAVEMENT SHALL BE INSTALLED IN JUMBO BOX, TYP.

PIPE

SYMBOL	MANUFACTURER - MODEL NUMBER	QTY	DETAIL/SHEET
---	MAINLINE: PVC SCH. 40 (1"); UNLESS NOTED OTHERWISE	1946 LF	J/IR-06
---	LATERAL TREE LINE: PVC SCH. 40 MIN. (3/4" MIN. SIZE NOTED OTHERWISE)	1696 LF	J/IR-06
---	MAINLINE SLEEVES, PVC SCH. 40 - 2 TIMES (2X) DIA. OF MAINLINE PIPE BEING USED; UNLESS OTHERWISE NOTED; MIN. 2"	1946 LF	F/IR-06
---	LATERAL SLEEVES, PVC SCH. 40 - 2 TIMES (2X) DIA. OF LATERAL PIPE BEING USED; UNLESS OTHERWISE NOTED; MIN. 2"	1696 LF	F/IR-06

LOCATION OF IRRIGATION EQUIPMENT IS SHOWN DIAGRAMMATICALLY FOR CLARITY. LOCATE EQUIPMENT WITHIN PLANTING AREAS WHEREVER POSSIBLE.

811

know what's below
Call before you dig

SAFETY ALERT
Call before you dig

Under Ground
1-702-432-5300

CALL SOUTHWEST GAS
at 365-2296 for Standby
when excavating over or near
HIGH PRESSURE GAS LINES

DEPARTMENT OF PUBLIC WORKS

STEWART/OGDEN
STREETSCAPE
ENHANCEMENTS

IRRIGATION SHEET

SHANNON R. AHARTZ
Exp: 12/31/14
CIVIL
No. 021219

107V5739

Kimley-Horn
and Associates, Inc.
Engineering, Planning, and Environmental Consultants
6871 Las Vegas Blvd. S., Suite 320,
Las Vegas, NV 89119 PH: (702) 888-9600

DATE: JANUARY 2013
SCALE: (V): NTS
SCALE: (H): NTS
DESIGNED BY: NSH
DRAWN BY: NSH
CHECKED BY: PNM
© 2013

REVISIONS

DATE

MATCHLINE ~ STA 47+00
SEE SHEET IR-03

MATCHLINE
SEE SHEET IR-05

GRAPHIC SCALE

(IN FEET)

PER PLAN

(1) 2" PVC CONDUIT WITH 2 #12 AWG INSULATED
AND 1 #12 BAREGROUND (LOCATION TO BE
PARALLEL WITH NV ENERGY TRENCH. CONTRACTOR
TO VERIFY LOCATION PRIOR TO TRENCHING.)

OGDEN AVENUE

B-2
1"
1.4
TREE

B-3
1"
2.0
TREE

CONTROLLER	STATION	VALVE SIZE	GPM	TYPE
A	1	1"	1.6	TREE
A	2	1"	1.2	TREE
A	3	1"	2.4	TREE
A	4	1"	0.4	TREE
A	5	1"	0.4	TREE
A	6	1"	0.6	TREE
B	1	1"	1.8	TREE
B	2	1"	1.4	TREE
B	3	1"	2.0	TREE

NOTES

- THE IRRIGATION PLANS ARE SCHEMATIC, PLACE ALL EQUIPMENT, PIPING AND WIRING IN LANDSCAPE PLANTERS WHEREVER POSSIBLE.
- IT IS THE INTENT OF THESE DRAWINGS TO PROVIDE A 100% COVERAGE IRRIGATION SYSTEM TO ALL PROPOSED PLANTINGS.
- IF DISCREPANCIES EXIST BETWEEN THESE PLANS AND ACTUAL SITE CONDITIONS, BRING THE DISCREPANCIES TO THE IMMEDIATE ATTENTION OF THE CONSTRUCTION MANAGER.
- THE CONTRACTOR SHALL COMPLY WITH ALL LAWS, CODES AND ORDINANCES AS THEY PERTAIN TO THE SPECIFIED WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS AND FEES ASSOCIATED WITH THE SPECIFIED WORK, EXCEPT ORDINANCES AS THEY PERTAIN TO THE SPECIFIED WORK.
- THE LANDSCAPE ARCHITECT HAS WORKED TO ASCERTAIN THE LOCATION OF UTILITIES THAT MAY CONFLICT WITH THE WORK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR THE MARKING OF ALL UTILITIES PRIOR TO BEGINNING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES AND OR STRUCTURES DURING THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL REPAIR ALL DAMAGE TO THE OWNER'S STANDARDS AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL CAP ALL IRRIGATION LINES AND RELOCATE EXISTING EMITTERS CURRENTLY LOCATED IN DEMOLITION AREAS. CONTRACTOR SHALL REGRADE, REPAIR AND REPLACE BOULDER BANDS, CRUSHED STONE PAVING, REPLACE GLASS BLOCK BAND AND ILLUMINATOR AT CONTRACTOR'S EXPENSE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING CONDITIONS PRIOR TO BIDDING.
- SYSTEM REQUIRES A STATIC WATER PRESSURE AT POINT OF CONNECTION OF 52 PSI. NOTIFY LANDSCAPE ARCHITECT IF SOURCE WATER PRESSURE IS LESS THAN 52 PSI.
- RUN NO MORE THAN 2 VALVES CONCURRENTLY.

A-1	CONTROLLER/STATION NUMBER
1"	VALVE SIZE
00.0	GPM
TREE	TREE/SHRUB

EMITTER QUANTITIES	
PLANT SIZE	QTY
TREES:	
36" BOX	12 GPH

IRRIGATION SCHEDULE

EMITTERS

SYMBOL	DESCRIPTION	PAT.	RAD.	PSI	GPM/H	MANUFACTURER	MODEL	DETAIL/SHEET
NOT SHOWN	EMITTER	DRIP	-	7	2.0 GPH	BOWSMITH	SL-220 (FOR TREES)	D,G/IR-06

EQUIPMENT

QTY	SYMBOL	DESCRIPTION	MODEL	DETAIL/SHEET
2	A	AUTOMATIC PEDESTAL MOUNT CONTROLLER(S) (A / B) - 6 STATION CONTROLLER	RAINBIRD ESP-SAT-12-25 WITH ONE REMOTE CONTROL TECHNOLOGY COMMANDER PER PROJECT.	A/IR-06
2	B	WATER METER (SEE SHEET UT-03 TO UT-04)		UT-03-UT-04
2	C	BACKFLOW PREVENTION DEVICE: (SEE SHEET UT-03 TO UT-04)		UT-03-UT-04
2	F	FLOW SENSOR ASSEMBLY (OPERABLE BETWEEN 7.0 TO 225.0 GPM)	DATA INDUSTRIAL	
7	G	GATE VALVE (1")	NIBCO T-113	I/IR-06
9	H	DRIP VALVE ASSEMBLY: RAINBIRD XEZ-LF-100-PRF		B/IR-06
9	I	1" QUICK COUPLER VALVE		
2 per drip zone	J	AGRICULTURAL PRODUCTS (AUTOMATIC FLUSH VALVE)	FCH-L-FIPT	

NOTE: ALL MAINLINE, LATERAL, AND FITTINGS LOCATED UNDER
PAVEMENT SHALL BE INSTALLED IN JUMBO BOX, TYP.

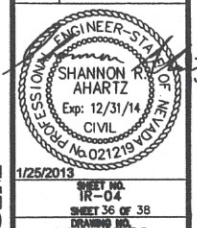
PIPE

SYMBOL	MANUFACTURER - MODEL NUMBER	QTY	DETAIL/SHEET
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---	MAINLINE SLEEVES, PVC SCH. 40 - 2 TIMES (2X) DIA.	1946 LF	F/IR-06
---	OF MAINLINE PIPE BEING USED; UNLESS OTHERWISE NOTED; MIN. 2"		
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---	OF LATERAL PIPE BEING USED; UNLESS OTHERWISE NOTED; MIN. 2"		

LOCATION OF IRRIGATION EQUIPMENT IS SHOWN
DIAGRAMMATICALLY FOR CLARITY. LOCATE EQUIPMENT
WITHIN PLANTING AREAS WHEREVER POSSIBLE.



SAFETY ALERT
Call before you dig
Know what's below
Call before you dig
1-702-432-5300



DEPARTMENT OF PUBLIC WORKS

STEWART/OGDEN
STREETSCAPE
ENHANCEMENTS

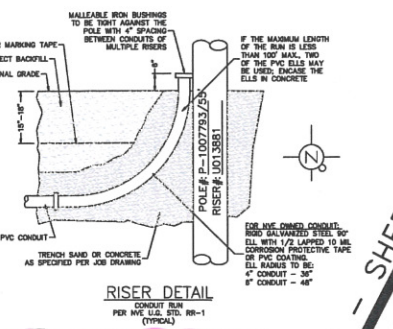
IRRIGATION SHEET

DATE	REVISIONS

DATE: JANUARY 2013
CHECKED BY: PNM
DESIGNED BY: NSM
DRAWN BY: NSM
Kimley-Horn
and Associates, Inc.
Engineering, Planning, and Environmental Consultants
6671 Las Vegas Blvd. S., Suite 320,
Las Vegas, NV 89119 PH: (702) 883-3600



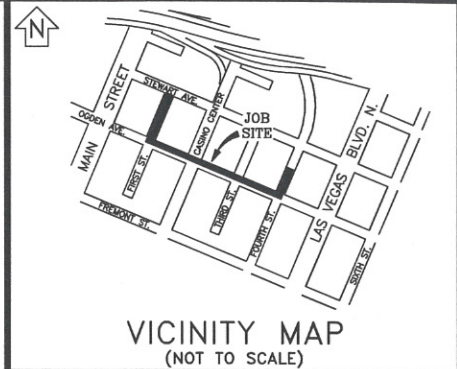
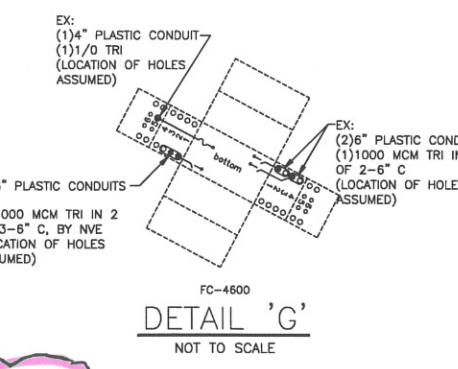
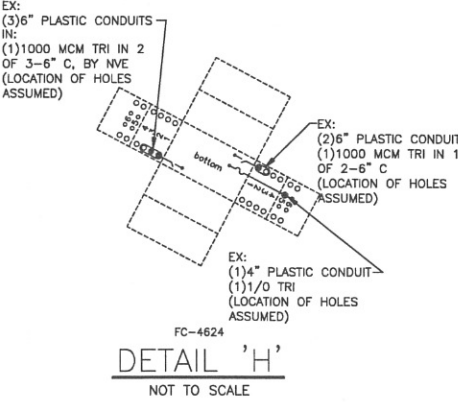
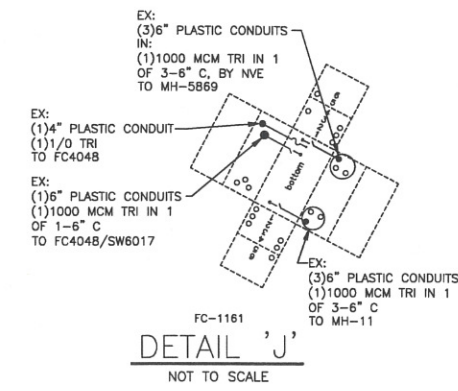
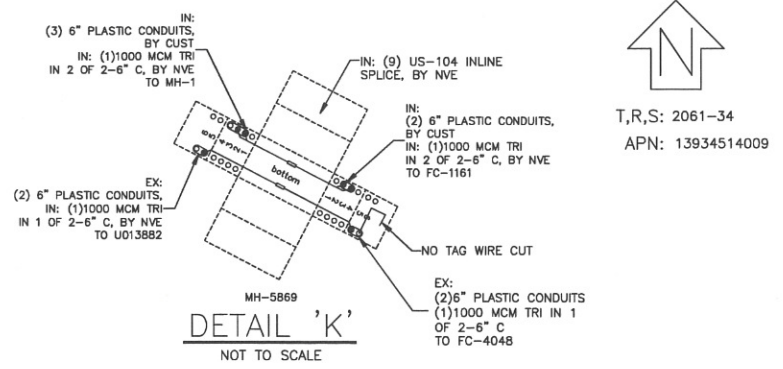
LVE As-Builts John Dake Foreman



INSTALLED 2" METER
Pedestal FEED TO
NEW POLE LOCATION
PER N.V.E.

SEE SHEET 1
FOR TRENCH DETAILS

5-6" ± 1-4" NVE
@ T.B.C.



EVERY EFFORT HAS BEEN MADE TO IDENTIFY ALL NVE FACILITIES. THE CUSTOMER SHALL CONFIRM THE EXISTENCE AND LOCATION OF THESE FACILITIES.

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.



CALL 1-702-402-2929

Call before you Dig
 Avoid cutting, underground utility lines. It's costly.



OR
 1-800-227-2800
 AND
 CLARK COUNTY TRAFFIC OPERATIONS
 1-702-455-7544

[illegible]

OVERHEAD	
TYPE OF EASEMENT:	JPA NOTES:
AERIAL ☐	EMBARQ CONTACT: <u>LEN BELLUS</u>
STANDARD ☐	PHONE NUMBER: <u>244-7839</u>
R/W-31 ☐	DATE OF CONTACT: <u>06/23/2010</u>
UNDERGROUND ☐	<u>NVE</u> TO SET NEW POLES
AS BUILT UNDERGROUND ☐	<u>NVE</u> TO STAKE NEW POLES
R.O.E./R/W-5-COM ☒	<u>NVE</u> TO PROVIDE <u>8</u> POLES
3rd PARTY ☐	<u>4</u> <u>50</u> FT. CLASS <u>1</u>
UNDERGROUND BY EXHIBIT ☐	<u>2</u> <u>55</u> FT. CLASS <u>STEEL</u>
(N-DOT) PERMIT ☐	<u>2</u> <u>55</u> FT. CLASS <u>1</u>
(BLM) PERMIT ☐	<u>NVE</u> TO DIG POLE HOLES
RAILROAD-UPRR-PERMIT ☐	<u>NVE</u> TO REMOVE EX. POLES
SO. NEWADA WATER PERMIT ☐	REM: <u>16</u> POLES, IN: <u>7</u> RISERS
NOT REQUIRED ☐	
Misc. Info. ☐	
JPA#:	<u>P201000610</u>

EXHIBIT 'A'	
<u>NVE INFORMATION:</u>	
COORDINATOR:	<u>PATRICIA BROWN</u>
PHONE:	<u>402-6812</u>
DESIGNER:	<u>DARRYL THOMAS</u>
DCA:	<u></u>
INSPECTOR:	<u>402-3008</u>
STAND BY:	<u>402-4117, 402-4116, 402-4118</u>
DISTRICT:	<u>LAS VEGAS NORTH</u>
<u>CUSTOMER INFORMATION:</u>	
APPLICANT	<u>CLV</u>
ENGINEER:	<u>KIMLEY-HORN AND ASSOCIATES</u>
CONTACT:	<u>RANDY MCCONELL</u>
APPROVAL DATE:	<u>10/09/2012</u>
<u>GOVERNMENT INFORMATION:</u>	
AGENCY:	<u>CITY OF LAS VEGAS</u>
APPROVAL DATE:	<u>10/09/2012</u>

FOR EACH SERVICE POINT (POINT OF DELIVERY), ENERGY FOR EACH TENANT SPACE WILL BE MEASURED THROUGH ONE WATTHOUR METER. ENERGY FOR ALL NON-TENANT SPACE WILL BE MEASURED THROUGH ONE WATTHOUR METER. CONTACT NPC METER OPERATIONS FOR MULTIPLE RATE CLASS INSTALLATIONS



STEWART AVE RELOCATIONS
MAIN ST TO 4TH ST
"INSTALLS"

PURPOSE OF PROJECT:
REMOVE OH POLES AND LINES AND
REPLACE WITH UG EQUIPMENT

GENERAL NOTE TO CONTRACTOR:

WHEN THERE ARE THREE OR MORE
6" PLASTIC CONDUITS INSTALLED
TOGETHER IN A COMMON TRENCH
CONCRETE ENCASEMENT IS REQUIRED

NVE 6'-6" ... 4'6" OFF L.O.G.
NVE 3'-6" ... 13' OFF L.O.G.

6-6" NVE @ 6' OFF L.O.G.
FROM 3RD TO 4TH

3-6" NVE @ 14'6" OFF
L.O.G. FROM 3RD TO 4TH

**CITY OF LAS VEGAS
PERMIT REQUIRED***

**CONTACT CLV LAND DEVELOPMENT (228-6371)
CLV CONSTRUCTION SERVICES MUST BE
NOTIFIED 24 HOURS PRIOR TO COMMENCING
CONSTRUCTION (228-6337)**

APPROVED FOR CONSTRUCTION
THIS APPROVAL IS FOR WORK IN CLV R/W & EASEMENT ONLY.
OBTAINING PERMISSIONS OR EASEMENTS FOR WORK SHOWN ON
PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

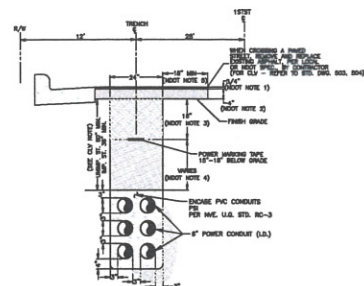
MA-1212
MA-1216
GA-1201

CIVIL LINETYPE LEGEND

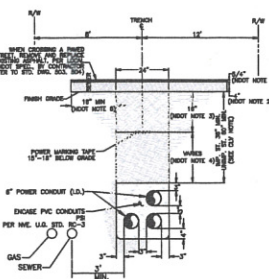
	PROPOSED	EXISTING
CENTERLINE	---	---
PROPERTY LINE/ROW	---	---
CURB	---	---
EDGE OF PAVEMENT	---	---
EDGE OF SIDEWALK	W W	W
SEWER LINE *	8" S	8" S
WATER LINE *	8" W	8" W
GAS LINE *	2" G	2" G
TELEPHONE LINE *	TEL	TEL
CABLE TV LINE *	CATV	CATV
STORM DRAIN LINE *	12" SD	12" SD

LVE As-Built's

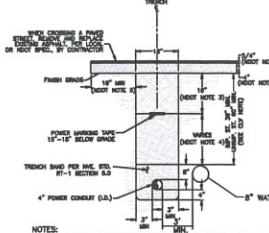
John Dane Foreman



TRENCH DETAIL E-E
8" CONDUITS



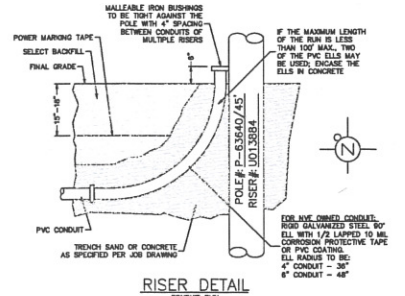
TRENCH DETAIL G-G
8" CONDUITS



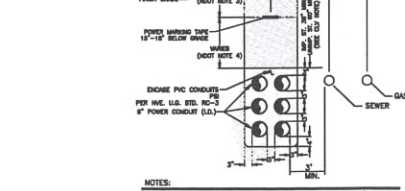
TRENCH DETAIL H-H
8" CONDUITS



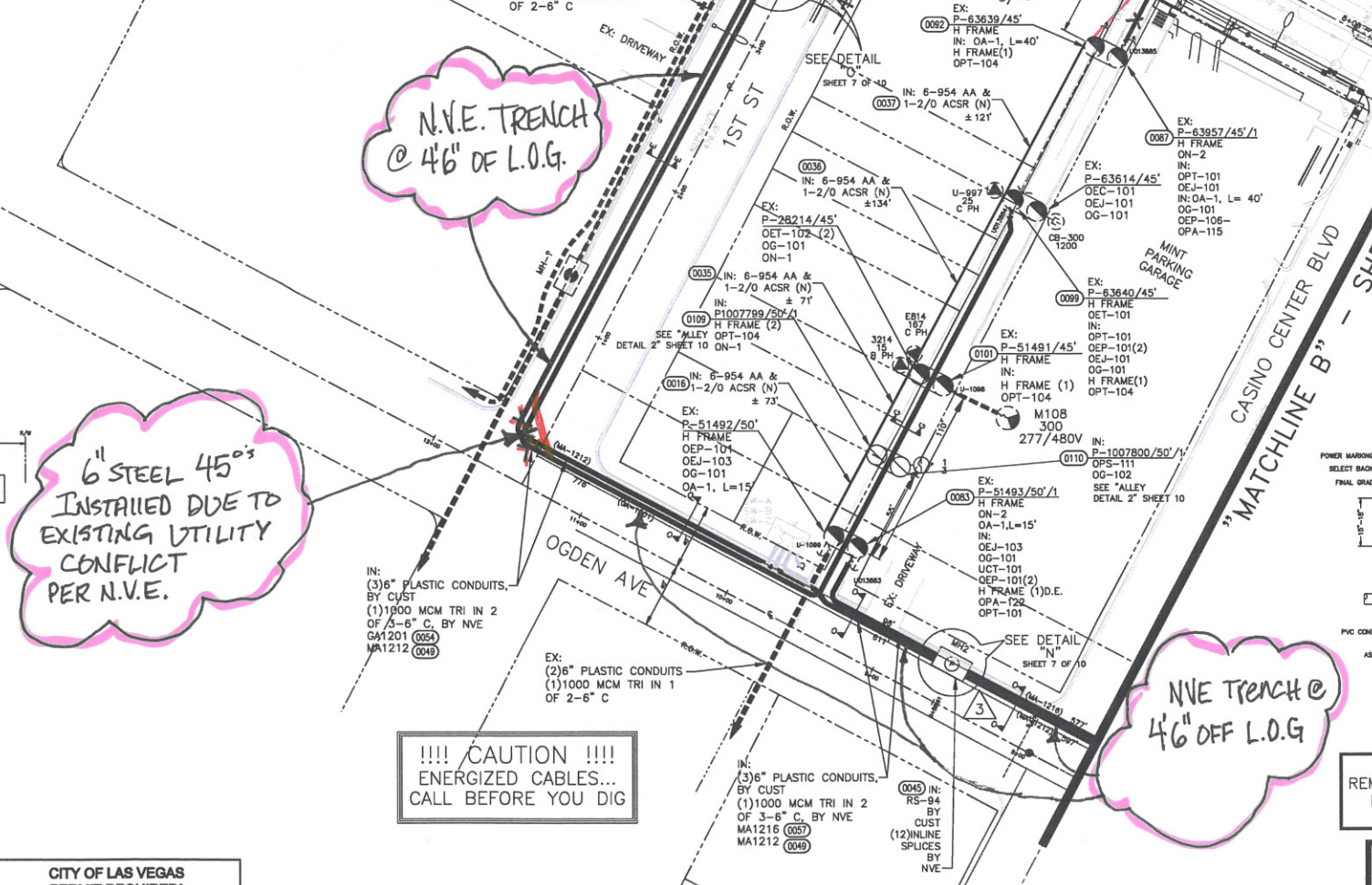
TRENCH DETAIL O-O
8" CONDUITS



RISER DETAIL
8" CONDUITS



TRENCH DETAIL
8" CONDUITS



GENERAL NOTE TO CONTRACTOR:
WHEN THERE ARE THREE OR MORE
6" PLASTIC CONDUITS INSTALLED

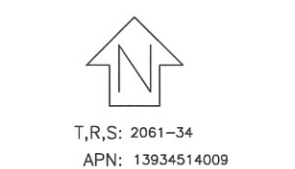
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CITY OF LAS VEGAS
PERMIT REQUIRED
CONTACT CLV LAND DEVELOPMENT (228-4371)
CLV CONSTRUCTION SERVICES MUST BE
NOTIFIED 24 HOURS PRIOR TO COMMENCING
CONSTRUCTION (228-4337)

HANSEN DATE

!!!! CAUTION !!!!
ENERGIZED CABLES...
CALL BEFORE YOU DIG

MA-1212
MA-1216
GA-1201



EVERY EFFORT HAS BEEN MADE TO IDENTIFY ALL NVE
FACILITIES. THE CUSTOMER SHALL CONFIRM THE EXISTENCE
AND LOCATION OF THESE FACILITIES.

Call before you Dig
Avoid hitting underground
utility lines. It's costly.

Call before
you dig
overhead

CALL 1-702-402-2929

NO.	DESCRIPTION	DATE	G.A.
1	LEAVE EXISTING 3PH TRANS. IN PLACE PER CUST. REQUEST. ADD 4" (1/2") TO TRENCH DETAIL. M-M. SHIFT POLES 13' NORTH BY DT.	04/05/2013	
2	CORRECT TRENCH DET. C & L. CLEANUP TRENCH DET. A. SHOW EXISTING 4" CONDUIT TO EX. FUSE CABINET SEE DET. A. BY DT.	04/17/2013	
3	ADD RS-80. TRENCH DET. D ADD 1-6". DET. O ADJUST FROM SENDER AND TRENCH ALIGNMENT ON OGDEN WEST OF ALLEY BET. 3RD & CASINO CENTER	04/25/2013	

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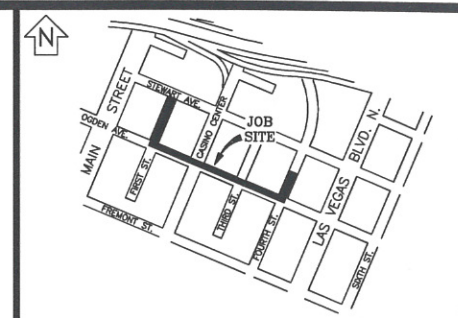
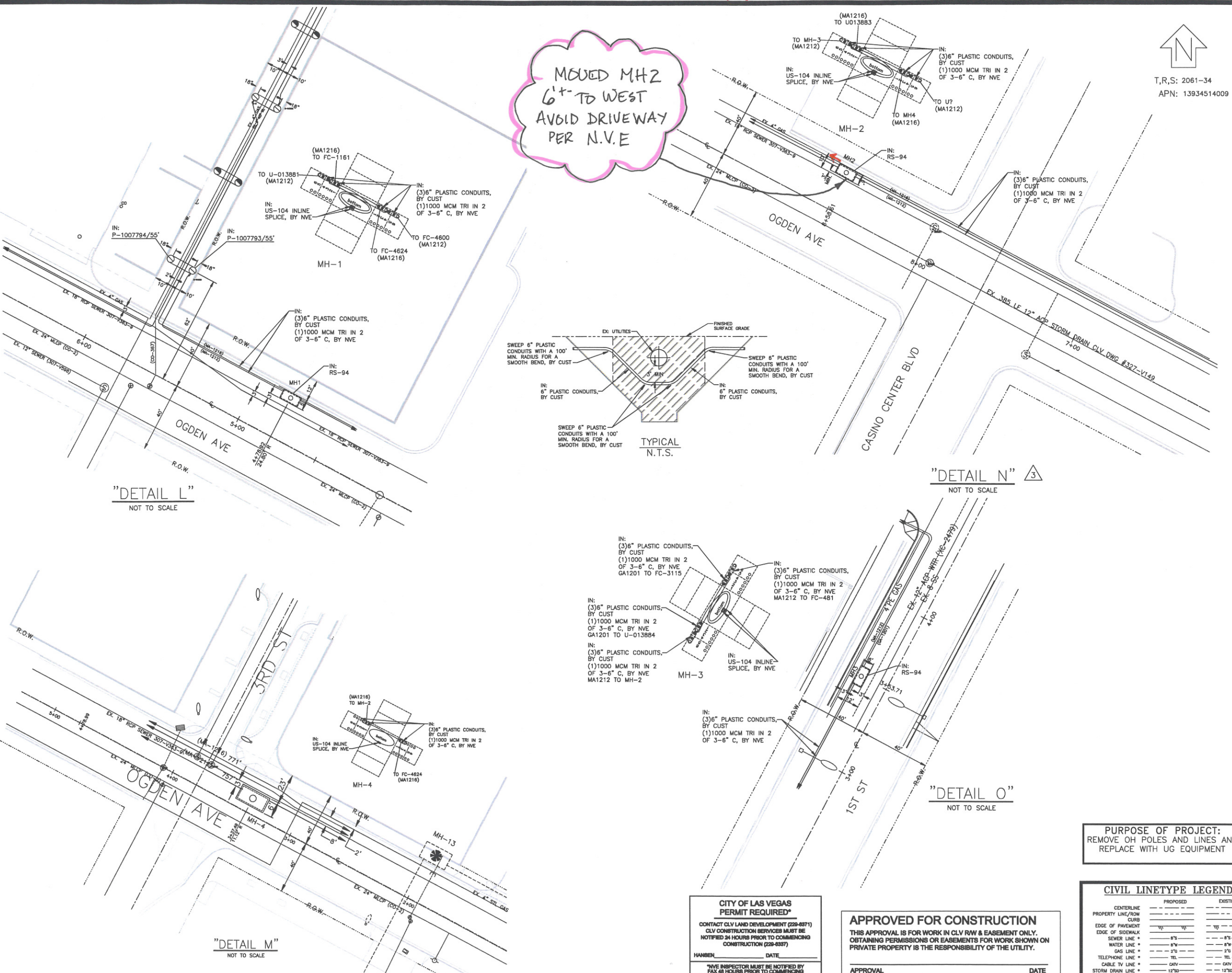
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APPROVED FOR CONSTRUCTION	
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APPROVAL _____	DATE _____

John Dane L.V.E. As-BUILTS John Dane Foreman



VICINITY MAP (NOT TO SCALE)

EVERY EFFORT HAS BEEN MADE TO IDENTIFY ALL NVE FACILITIES. THE CUSTOMER SHALL CONFIRM THE EXISTENCE AND LOCATION OF THESE FACILITIES.

Call before you Dig

Call 1-800-227-2800

Call 1-702-402-2929

NO.	DESCRIPTION	DATE	G.A.
1	LEAVE EXISTING 3PH TRANS. IN PLACE PER CUST. REQUEST, ADD 4" 1/2" TO TRENCH DETAIL N-M. SHIRT POLES 13' NORTHLY DT	04/05/2013	
2	CORRECT TRENCH DET. C & L. CLEANUP TRENCH DET. A. SHOW EXISTING 4" CONDUIT TO EX. FUSE CABINET SEE DET. A. BY DT	04/17/2013	
3	ADD RS-80. TRENCH DET. D ADD 1'-6". DET. D ADJUST FROM SEWER AND TRENCH ALIGNMENT ON OGDEN WEST OF ALLEY BET. 3RD & CASINO CENTER	04/25/2013	

OVERHEAD	
TYPE OF EASEMENT:	JPA NOTES:
AERIAL	EMBARO CONTACT: LEN BELLOWS
STANDARD	PHONE NUMBER: 244-7839
R/W-31	DATE OF CONTACT: 06/23/2010
UNDERGROUND	NVE TO SET NEW POLES
AS BUILT UNDERGROUND	NVE TO STAKE NEW POLES
R.O.E./R/W-5-COM	NVE TO PROVIDE 8 POLES
3rd PARTY	2 - 50. FT. CLASS 1
UNDERGROUND BY EXHIBIT	2 - 55. FT. CLASS STEEL
(N-DOT) PERMIT	2 - 55. FT. CLASS 1
(BLM) PERMIT	NVE TO DIG POLE HOLES
RAILROAD-UPRR-PERMIT	NVE TO REMOVE EX. POLES
SO. NEVADA WATER PERMIT	REM: 16 POLES, IN: 7 RISERS
NOT REQUIRED	
Misc. Info.	JPA#: P20100810

EXHIBIT 'A'

NVE INFORMATION:

COORDINATOR: PATRICIA BROWN

PHONE: 402-6812

DESIGNER: DARRYL THOMAS

DCA:

INSPECTOR: 402-3008

STAND BY: 402-4117, 402-4116, 402-4118

DISTRICT: LAS VEGAS NORTH

CUSTOMER INFORMATION:

APPLICANT: CLV

ENGINEER: KIMLEY-HORN AND ASSOCIATES

CONTACT: RANDY MCCONELL

APPROVAL DATE: 10/09/2012

GOVERNMENT INFORMATION:

AGENCY: CITY OF LAS VEGAS

APPROVAL DATE: 10/09/2012

FOR EACH SERVICE POINT (POINT OF DELIVERY), ENERGY FOR EACH TENANT SPACE WILL BE MEASURED THROUGH ONE WATTHOUR METER. ENERGY FOR ALL NON-TENANT SPACE WILL BE MEASURED THROUGH ONE WATTHOUR METER. CONTACT NPC METER OPERATIONS FOR MULTIPLE RATE CLASS INSTALLATIONS

PURPOSE OF PROJECT:
REMOVE OH POLES AND LINES AND
REPLACE WITH UG EQUIPMENT

CIVIL LINETYPE LEGEND		
	PROPOSED	EXISTING
CENTERLINE	---	---
PROPERTY LINE/ROW	---	---
CURB	---	---
EDGE OF PAVEMENT	---	---
EDGE OF SIDEWALK	---	---
SEWER LINE	---	---
WATER LINE	---	---
GAS LINE	---	---
TELEPHONE LINE	---	---
CABLE TV LINE	---	---
STORM DRAIN LINE	---	---

CITY OF LAS VEGAS
PERMIT REQUIRED

CONTACT CLV LAND DEVELOPMENT (228-6871)
CLV CONSTRUCTION SERVICES MUST BE
NOTIFIED 24 HOURS PRIOR TO COMMENCING
CONSTRUCTION (228-6337)

HANSEN DATE

INSPECTOR MUST BE NOTIFIED BY
FAX 48 HOURS PRIOR TO COMMENCING
CONSTRUCTION & WILL VERIFY CITY PERMIT

APPROVED FOR CONSTRUCTION

THIS APPROVAL IS FOR WORK IN CLV R/W & EASEMENT ONLY.
OBTAINING PERMISSIONS OR EASEMENTS FOR WORK SHOWN ON
PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

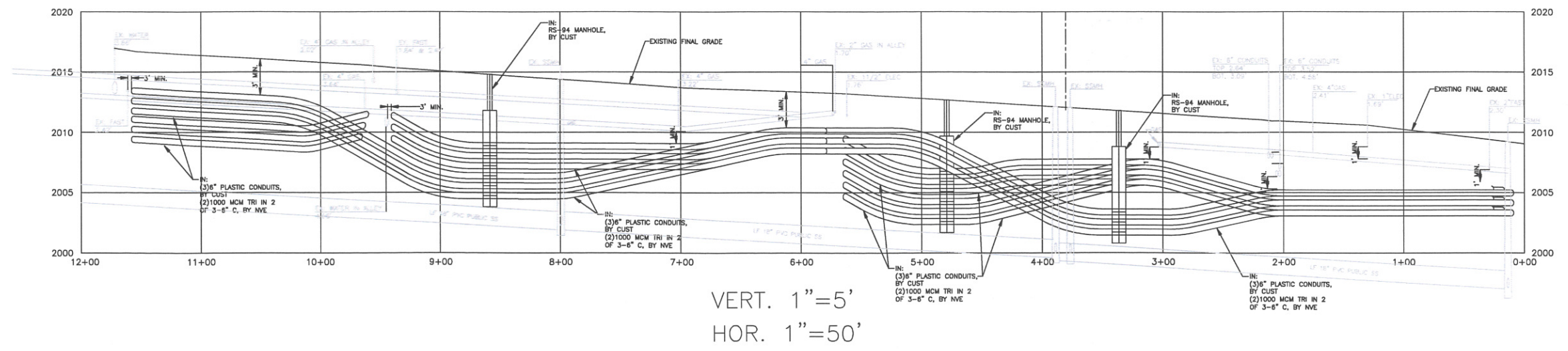
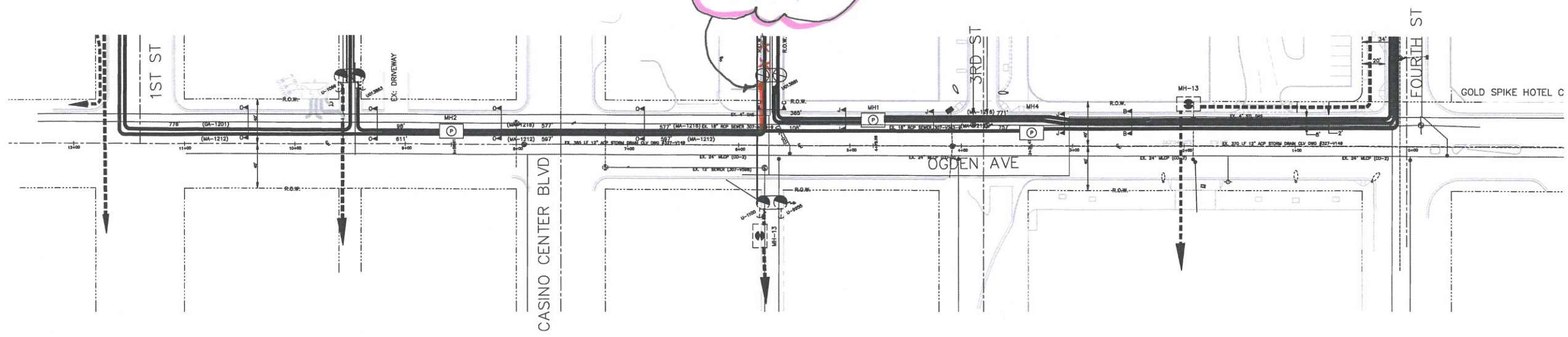
APPROVAL DATE

STEWART AVE RELOCATIONS
MAIN ST TO 4TH ST

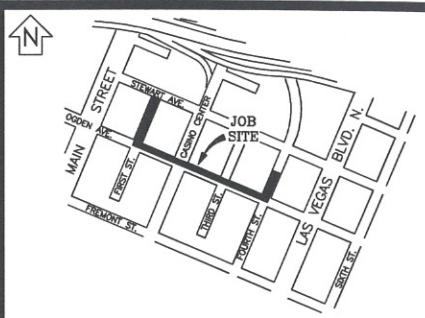
John Dake L.V.E. AS-BUILTS John Dake Foreman

T,R,S: 2061-34
APN: 13934514009

3-6" installed @ NEW
POLE LOCATION
PER. N.V.E



VERT. 1"=5'
HOR. 1"=50'



VICINITY MAP
(NOT TO SCALE)

EVERY EFFORT HAS BEEN MADE TO IDENTIFY ALL NVE FACILITIES. THE CUSTOMER SHALL CONFIRM THE EXISTENCE AND LOCATION OF THESE FACILITIES.

Call before you Dig
Call 1-800-227-2600
Clark County Traffic Operations
1-702-455-7544

REVISIONS

NO.	DESCRIPTION	DATE	G.A.
1	LEAVE EXISTING JPH TRANS. IN PLACE PER CUST. REQUEST, ADD 4" 1/2" TO TRENCH DETAIL M-M, SHIRT POLES 1" NORTH BY DT	04/05/2013	
2	CORRECT TRENCH DET. C & L, CLEANUP TRENCH DET. A, SHOW EXISTING 4" CONDUIT TO EX. FUSE CABINET SEE DET. A, BY DT	04/17/2013	
3	ADD RS-60, TRENCH DET. D ADD 1'-6", DET. D ADJUST FROM SEWER AND TRENCH ALIGNMENT ON OGDEN WEST OF ALLEY BET. 3RD & CASINO CENTER	04/25/2013	

OVERHEAD

TYPE OF EASEMENT:	JPA NOTES:
AERIAL	EMBARO CONTACT: LEN BELLOWS
STANDARD	PHONE NUMBER: 244-7839
R/W-31	DATE OF CONTACT: 06/23/2010
UNDERGROUND	NVE TO SET NEW POLES
AS BUILT UNDERGROUND	NVE TO STAKE NEW POLES
R.O.E./R/W-5-COM	NVE TO PROVIDE 8 POLES
3rd PARTY	4 - 50 FT. CLASS 1
UNDERGROUND BY EXHIBIT	2 - 55 FT. CLASS STEEL
(N-DOT) PERMIT	2 - 55 FT. CLASS 1
(BLM) PERMIT	NVE TO DIG POLE HOLES
RAILROAD-UPRR-PERMIT	NVE TO REMOVE EX. POLES
SD, NEVADA WATER PERMIT	REM: 16 POLES, IN: 7 RISERS
NOT REQUIRED	
Misc. Info.	JPA#: P201000610

EXHIBIT 'A'

NVE INFORMATION:
COORDINATOR: PATRICIA BROWN
PHONE: 402-6812
DESIGNER: DARRYL THOMAS
DCA:
INSPECTOR: 402-3008
STAND BY: 402-4117, 402-4116, 402-4118
DISTRICT: LAS VEGAS NORTH
CUSTOMER INFORMATION:
APPLICANT: CLV
ENGINEER: KIMLEY-HORN AND ASSOCIATES
CONTACT: RANDY MCCONELL
APPROVAL DATE: 10/09/2012
GOVERNMENT INFORMATION:
AGENCY: CITY OF LAS VEGAS
APPROVAL DATE: 10/09/2012

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CITY OF LAS VEGAS
PERMIT REQUIRED*
CONTACT CLV LAND DEVELOPMENT (228-8371)
CLV CONSTRUCTION SERVICES MUST BE NOTIFIED 24 HOURS PRIOR TO COMMENCING CONSTRUCTION (228-8337)
HARBEN DATE
*NVE INSPECTOR MUST BE NOTIFIED BY FAX 48 HOURS PRIOR TO COMMENCING CONSTRUCTION & WILL VERIFY CITY PERMIT FOR WORK DONE IN STREETS OR SIDEWALK.
FAX PERMIT TO:
LAS VEGAS NORTH (RYAN CENTER): 402-4364
LAS VEGAS SOUTH (RIS TOWN CENTER): 402-6964

APPROVED FOR CONSTRUCTION
THIS APPROVAL IS FOR WORK IN CLV RW & EASEMENT ONLY. OBTAINING PERMISSIONS OR EASEMENTS FOR WORK SHOWN ON PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.
APPROVAL DATE

PURPOSE OF PROJECT:
REMOVE OH POLES AND LINES AND REPLACE WITH UG EQUIPMENT

CIVIL LINETYPE LEGEND

	PROPOSED	EXISTING
CENTERLINE	---	---
PROPERTY LINE/ROW	---	---
CURB	---	---
EDGE OF PAVEMENT	---	---
EDGE OF SIDEWALK	---	---
SEWER LINE *	---	---
WATER LINE *	---	---
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TELEPHONE LINE *	---	---
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STORM DRAIN LINE *	---	---

NVEnergy
STEWART AVE RELOCATIONS
MAIN ST TO 4TH ST

JOE PAVE

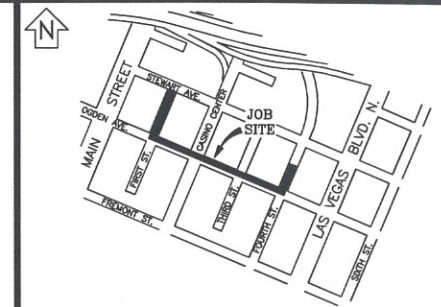
L.V.E. AS-BUILTS

JOHN DANE

FOREMAN



T,R,S: 2061-34
APN: 13934514009



VICINITY MAP
(NOT TO SCALE)

EVERY EFFORT HAS BEEN MADE TO IDENTIFY ALL NVE FACILITIES. THE CUSTOMER SHALL CONFIRM THE EXISTENCE AND LOCATION OF THESE FACILITIES.

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.

CALL BEFORE YOU DO OVERHEAD

CALL 1-702-402-2929

Call before you Dig

Avoid cutting underground utility lines. It's costly.

Call 811

OR

1-800-227-2600

AND

CLARK COUNTY TRAFFIC OPERATIONS

1-702-455-7544

REVISIONS

NO.	DESCRIPTION	DATE	G.A.
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3	ADD RS-80, TRENCH DET. D ADD 1-6". DET. O ADJUST FROM SEWER AND TRENCH ALIGNMENT ON OGDEN WEST OF ALLEY BET. 3RD & CASINO CENTER	04/25/2013	

OVERHEAD

TYPE OF EASEMENT:	JPA NOTES:
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STANDARD	☐ PHONE NUMBER: 244-7839
R/W-31	☐ DATE OF CONTACT: 06/23/2010
UNDERGROUND	☐ NVE TO SET NEW POLES
AS BUILT UNDERGROUND	☐ NVE TO STAKE NEW POLES
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SO. NEVADA WATER PERMIT	
NOT REQUIRED	
Misc. Info.	JPA#: P201000610

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PHONE: 402-6812
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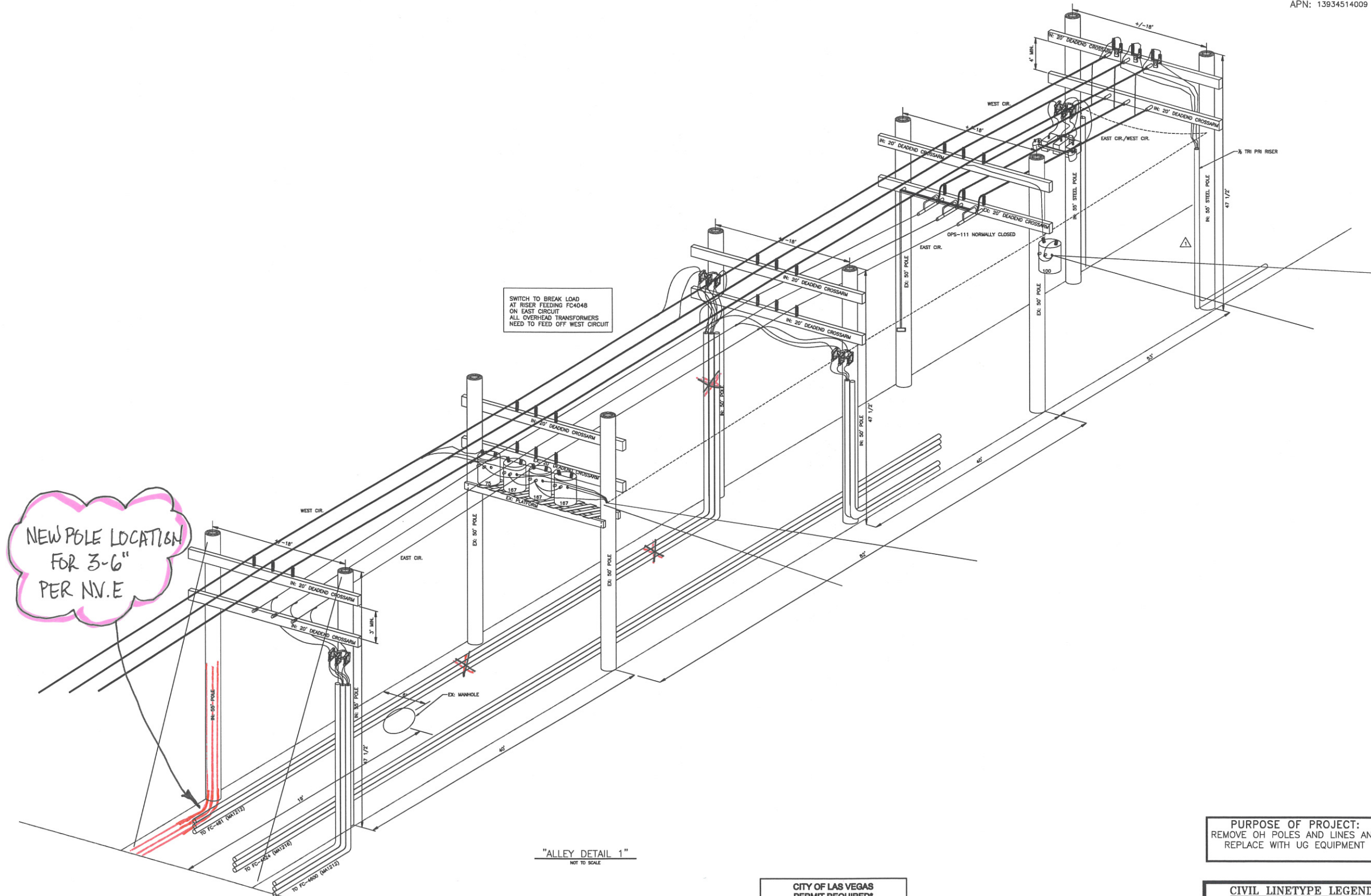
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CONTACT: RANDY MCCONELL
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STEWART AVE RELOCATIONS
MAIN ST TO 4TH ST



"ALLEY DETAIL 1"
NOT TO SCALE

CITY OF LAS VEGAS
PERMIT REQUIRED*

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APPROVED FOR CONSTRUCTION

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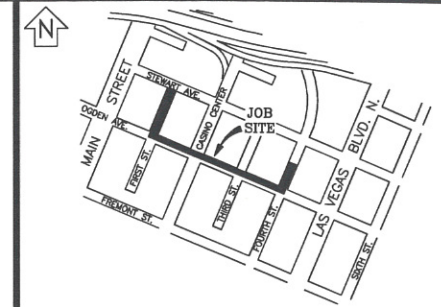
CIVIL LINETYPE LEGEND

	PROPOSED	EXISTING
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PROPERTY LINE/R/W	---	---
CURB	---	---
EDGE OF PAVEMENT	---	---
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SEWER LINE	---	---
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GAS LINE	---	---
TELEPHONE LINE	---	---
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STORM DRAIN LINE	---	---

John Dane L.V.E. AS-BUILTS John Dane Foreman

PER PLAN

T,R,S: 2061-34
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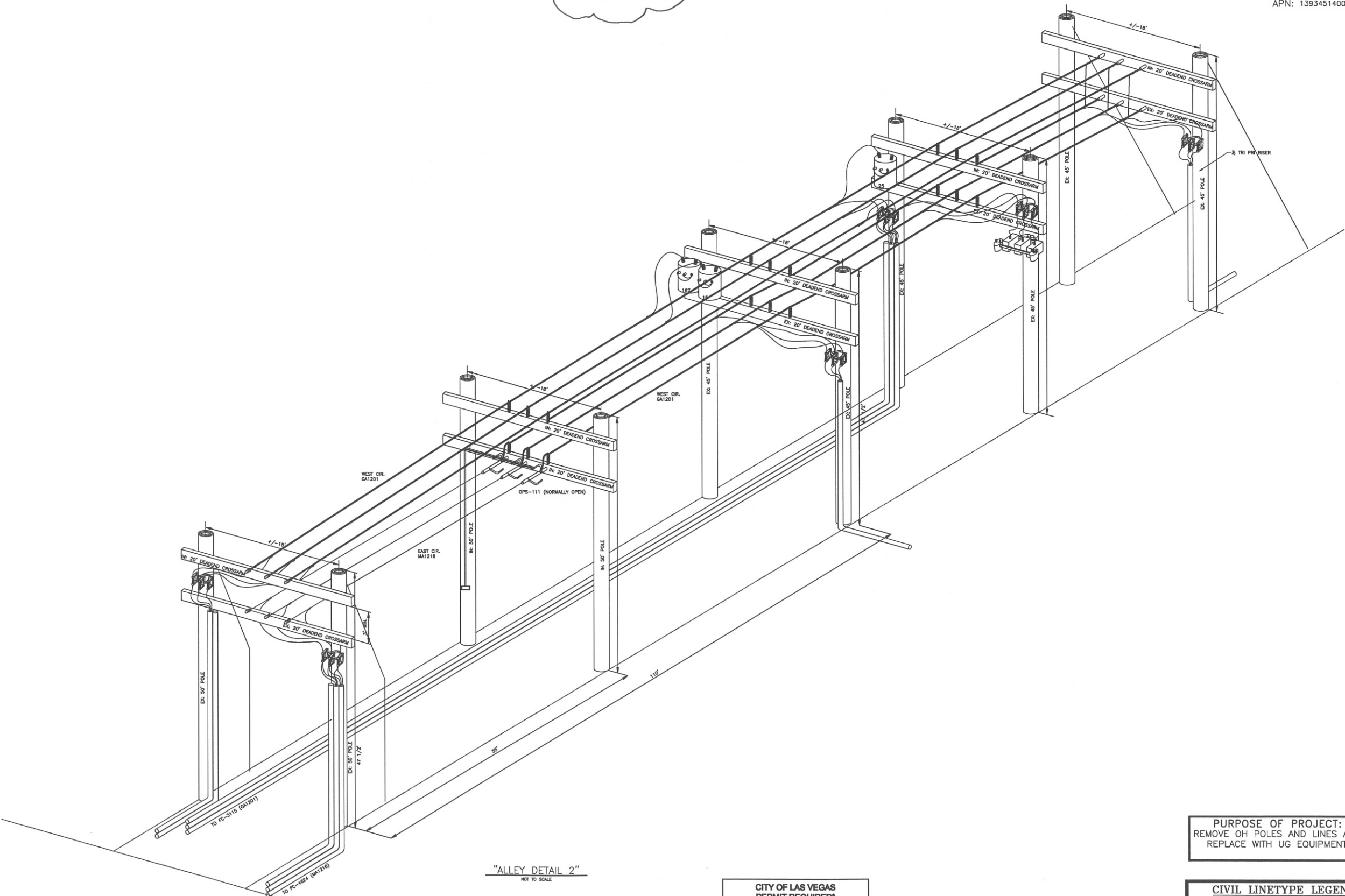
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MAIN ST TO 4TH ST



"ALLEY DETAIL 2"
NOT TO SCALE

CITY OF LAS VEGAS
PERMIT REQUIRED*

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HANSEN _____ DATE _____

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APPROVED FOR CONSTRUCTION

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APPROVAL _____ DATE _____

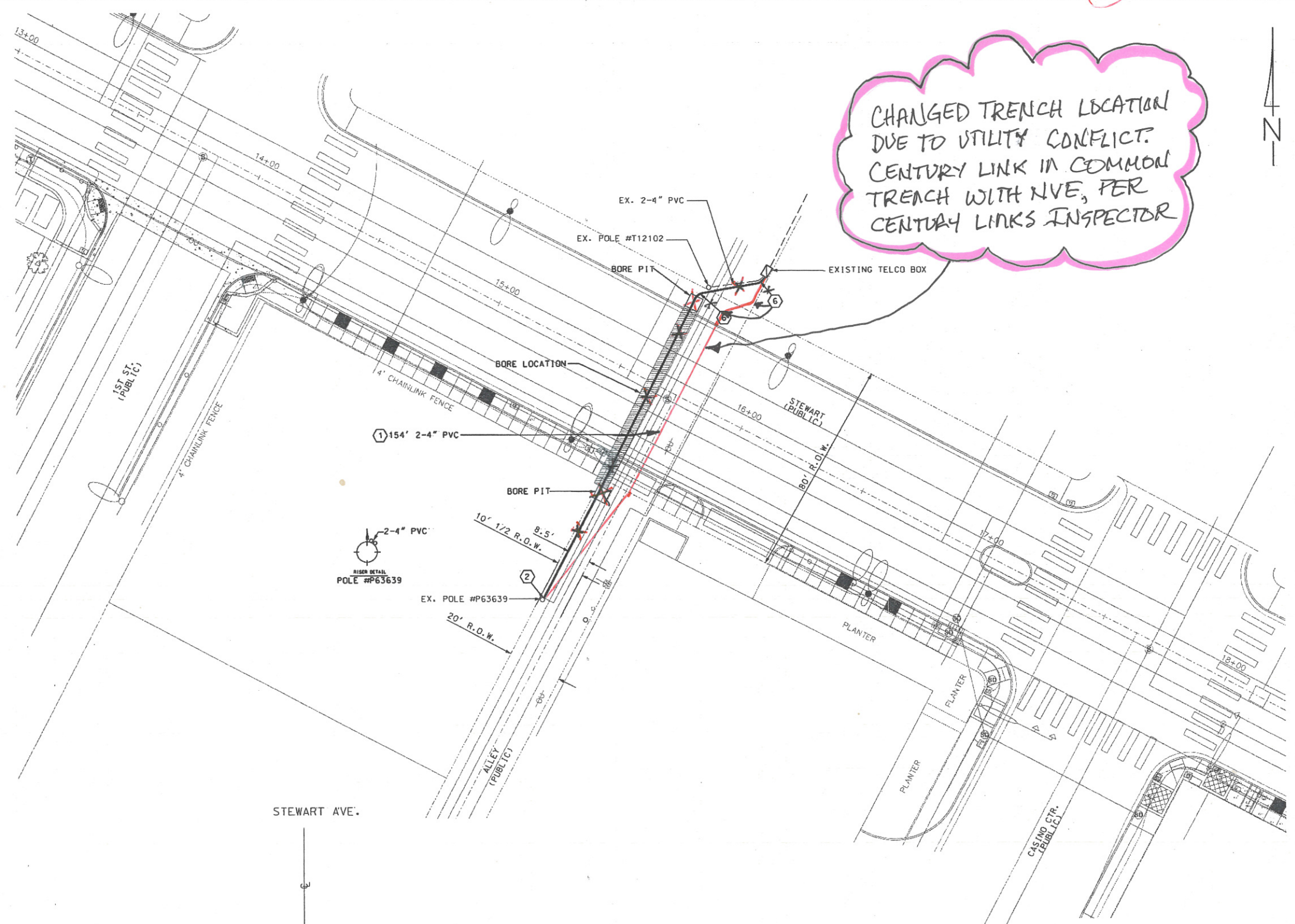
CIVIL LINETYPE LEGEND

	PROPOSED	EXISTING
CENTERLINE	---	---
PROPERTY LINE/ROW	---	---
CURB	---	---
EDGE OF PAVEMENT	---	---
EDGE OF SIDEWALK	---	---
SEWER LINE *	---	---
WATER LINE *	---	---
GAS LINE *	---	---
TELEPHONE LINE *	---	---
CABLE TV LINE *	---	---
STORM DRAIN LINE *	---	---

John Dane

LVE AS-BUILTS

JOHN DANE FOREMAN



CHANGED TRENCH LOCATION
DUE TO UTILITY CONFLICT.
CENTURY LINK IN COMMON
TRENCH WITH NVE, PER
CENTURY LINKS INSPECTOR

LEGEND

— PROPOSED CONDUIT
--- EXISTING CONDUIT

P.V.C. - D.B. (DIRECT BURIAL) GRADE
D.B. 60 FOR 1", 2", & 3"
D.B. 100 FOR 4"

90° SWEEPS - 36" RADIUS FOR 1", 2", & 3"
48" RADIUS FOR 4"

SCHEDULE 40 PVC (TYPICAL) OR
RIGID GALVANIZED STEEL WITH
DOUBLE-WRAPPED TO MIL.
CORROSION PROTECTION TAPE.
(AS SHOWN)

MANHOLE (SEE DRAWING FOR SIZE)

400 PULL BOX
3'-0" x 5'-0" x 4'-0"

200 PULL BOX
2'-6" x 4'-0" x 4'-0"

30 PULL BOX
1'-7" x 3'-0" x 3'-0"

16 HAND HOLE
9" x 14"

TELEPHONE TERMINAL CABINET
48" x 48" x 6"
100 PAIR

TELEPHONE TERMINAL CABINET
36" x 36" x 6"
125 TO 50 PAIR

1/4" PLYWOOD BACKBOARD

* 6 GROUND WIRE

TELEPHONE PULL BOX WITH TWO (2) HINGED
ALUMINUM TORSION-ASSISTED TRAFFIC RATED
LIDS MARKED "TELCO", GALVANIZED STEEL,
ADJUSTING FRAME AND 4-18 HOLE CABLE
RACKS (2 EA. SIDE).

UNDERWRITER LABORATORY-APPROVED, RAIN-TIGHT
WITH A NON-LOCKING, SIDE-HINGED DOOR, EQUIPPED
INSIDE WITH 1/4" PLYWOOD BACKBOARD (IF
SMALLER ON ALL SIDES, CENTERED IN CABINET)
SECURED WITH RECESSED MOUNTING HARDWARE AND
A # 6 GROUND WIRE CONNECTED TO AN APPROVED
GROUND SOURCE (SEE GROUND NOTE BELOW).

TELEPHONE TERMINAL BACKBOARD (T.T.B.) -
TREATED WITH FIRE RETARDANT PAINT OR
SEALER. BACKBOARDS SMALLER THAN 4' x 8'
(i.e. 2' x 4' x 4') SHOULD BE MOUNTED
40" ABOVE THE FLOOR.

CONNECT TO THE APPROVED COMMUNICATION
GROUNDING SOURCE AS DETERMINED BY THE
ELECTRICAL ENGINEER FOR THIS BUILDING OR
DEVELOPMENT.

JOB SITE PG 2

STEWART AVE
1ST ALLEY
CASINO CTR
1ST ALLEY
3RD

JOB SITE PG 1

VICINITY MAP
T 20S R 61E SEC: 34

POLYETHYLENE DUCT PLUG(S)

SELECT BACKFILL

FINISHED GRADE

CENTURYLINK MARKING TAPE

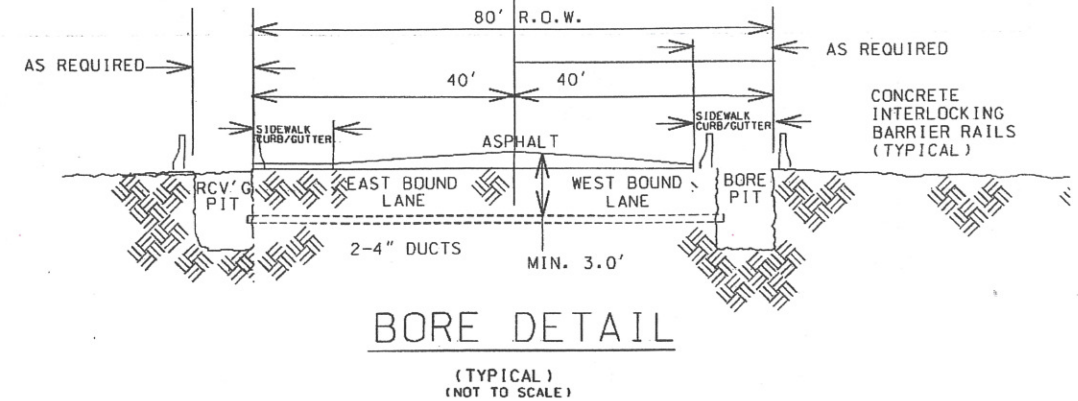
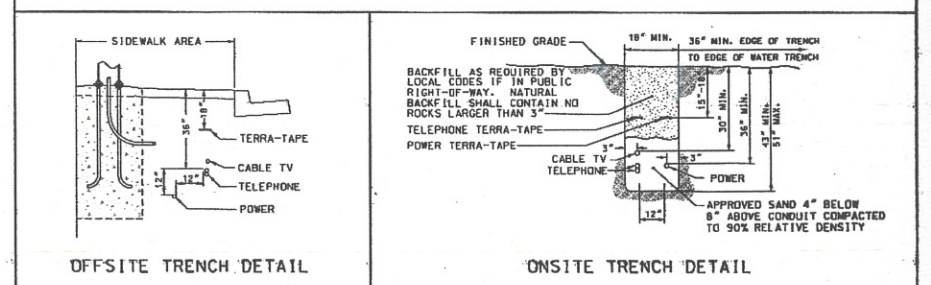
PVC CONDUIT

TRENCH SAND OR CONCRETE -
AS SPECIFIED PER JOB DRAWING.

CENTURYLINK owned conduit:
2-4" Rigid Galvanized Steel, 48" radius
flex bands with 600lb-ft torque, 10 mil
corrosion protective tape or 2-4"
Sch. 40 PVC conduit. (5000 ft on for type)

RISER DETAIL
(TYPICAL)

- CONSTRUCTION NOTES**
- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST ISSUE OF THE CENTURYLINK UNDERGROUND SPECIFICATIONS.
 - ALL CONDUIT, TRENCHING, BACKFILLING AND SUBSTRUCTURES ARE TO BE PROVIDED BY THE DEVELOPER AND CONFORM WITH CENTURYLINK STANDARDS UNLESS OTHERWISE SPECIFIED.
 - TRENCHING AND TELEPHONE SUBSTRUCTURES ARE TO BE PLACED IN THE SIDEWALK AREA WHENEVER POSSIBLE. ALL TRENCHING WILL BE OF A MINIMUM DEPTH TO MAINTAIN 36" OF COVER OVER UNDERGROUND TELEPHONE FACILITIES AND 12" MINIMUM SEPARATION FROM FOREIGN UTILITIES. NEW AND EXISTING BOXES WILL BE ESTABLISHED TO FINISHED GRADE.
 - ALL PULL BOXES (2'-6" x 4'-0" AND LARGER) AND MANHOLES ARE TO BE GROUNDING WITH A 3/16" x 1/16" TWINNED SOFT COPPER BONDING RIBBON PLACED VERTICALLY AROUND THE BOTTOM OF THE BOX WITH 3' ENDS STUBBED INSIDE.
 - WHEN EXISTING TELEPHONE FACILITIES (i.e. POLES, MANHOLES, PULL BOXES, CONDUIT, TERMINALS, etc.) ARE AFFECTED BY IMPROVEMENTS (REQUIRED BY LOCAL ORDINANCE SUCH AS STREET LIGHTS, SIDEWALK, GUTTERS, etc.) THE DEVELOPER SHALL BE RESPONSIBLE FOR THE ADJUSTMENT OF THESE FACILITIES AS REQUIRED.
 - PLYWOOD BACKBOARDS ARE TO BE TREATED WITH FIRE RETARDANT MATERIAL, PAINT, OR SEALER.
 - THE CONTRACTOR SHALL PROVIDE AND INSTALL A MEASURING TAPE CONSISTING OF A WATER PROOF, 400 POUND TENSILE STRENGTH, MARKED IN ONE FOOT OR LESS INCREMENTS IN AT LEAST ONE DUCT OF ALL CONDUIT SECTIONS. ALL OTHER DUCTS IN A MULTIPLE DUCT SYSTEM WILL HAVE A 3/32" INCH JET LINE PULL STRING WITH 400 POUND TENSILE STRENGTH.
 - THE CONTRACTOR SHALL PROVE AND MANDREL ALL CONDUIT AFTER BACKFILLING WHILE A CENTURYLINK INSPECTOR IS PRESENT. MANDREL SIZE IS TO BE 1/4" SMALLER THAN THE INSIDE DIAMETER OF THE CONDUIT.
 - IN ORDER TO INSURE ADEQUATE FACILITIES ARE PROVIDED FOR THIS PROJECT, IT IS IMPERATIVE THAT THE CONDUIT RECOMMENDATION NOT BE CHANGED WITHOUT CENTURYLINK OUTSIDE PLANT ENGINEERING APPROVAL.
 - CONCRETE ENCASUREMENT SHALL CONSIST OF 3/4" AGGREGATE, TYPE V, PORTLAND CEMENT CONCRETE. THE ENCASUREMENT SHALL BE A MINIMUM OF 2" BETWEEN THE CONDUIT AND A MINIMUM OF 3" ON THE TOP, BOTTOM AND SIDES OF THE DUCT BANK.
 - ALL TERMINALS, BACKBOARDS, CABINETS, ETC., SHALL BE EQUIPPED WITH A #6 GAUGE GROUND WIRE, RUN TO AN APPROVED GROUND SOURCE.
 - A POLYETHYLENE DUCT PLUG SHALL BE INSTALLED IN ALL CONDUIT WHERE TERMINATED OR STUBBED.
 - PROTECTIVE POSTS SHALL BE 4" RIGID STEEL PIPE, SIX FEET IN LENGTH, FILLED AND SET IN CONCRETE AT LOCATIONS SHOWN. THE TOP OF THE PROTECTIVE POST SHALL BE 36 INCHES ABOVE THE PROPOSED FINISHED GRADE AND PAINTED WITH YELLOW STREET MARKING PAINT.
 - IF EXISTING TERMINALS ARE NOT UTILIZED TO JOIN SUBSTRUCTURES, CALL 244-7811 FOR CENTURYLINK INSPECTOR 24 HOURS PRIOR TO PENETRATING ANY CENTURYLINK MANHOLE OR PULL BOX. THE ENTRANCE LOCATION IS VERY CRITICAL AND WILL BE DETERMINED AT THIS TIME. CORE DRILLING AND PROPER GROUTING IS MANDATORY. ENTERING THE SIDE OF A CENTURYLINK MANHOLE OR PULL BOX IS NOT PERMITTED UNLESS APPROVED BY CENTURYLINK.
 - ALL TELEPHONE BOXES WILL BE REQUIRED TO HAVE AN 8" x 8" CONCRETE COLLAR POURED AROUND THE TOP PORTION OF THE BOX PER CENTURYLINK STANDARDS, EXCEPT WHEN BOXES ARE TO BE LOCATED IN A CONCRETE SIDEWALK AREA.
 - CENTURYLINK WILL REQUIRE "AS-BUILT" FOOTAGES PRIOR TO ORDERING CABLE TO SERVE THIS DEVELOPMENT. THESE FOOTAGES MUST BE RECEIVED SIX WEEKS PRIOR TO SERVICE INSTALLATION DUE DATES.
 - CALL 244-7811 TO SCHEDULE CENTURYLINK INSPECTION 24 HOURS PRIOR TO STARTING ANY WORK.



APPROVED FOR CONSTRUCTION
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OR EASEMENTS FOR WORK SHOWN ON
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OF THE UTILITY.

APPROVAL _____ DATE _____

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE.

- CONTRACTOR / DEVELOPER NOTE**
- THE DEVELOPER/CONTRACTOR SHALL CALL 244-7811 TO SCHEDULE INSPECTIONS 24 HOURS IN ADVANCE. REQUESTS RECEIVED AFTER 11:00 AM MAY NOT BE SCHEDULED FOR THE FOLLOWING WORKDAY.
 - ANY MODIFICATIONS TO THE CENTURYLINK DESIGN MUST BE APPROVED BY THE ENGINEER.
 - THESE PLANS WILL BE VALID FOR SIX MONTHS FROM DATE OF ISSUE.

EASEMENT / PERMIT CERTIFICATION EASEMENT / PERMIT REQUIRED: YES ☐ NO ☒ EASEMENT / PERMIT OBTAINED: YES ☐ NO ☒ DATE EASEMENT / PERMIT OBTAINED: _____ ROW ENGINEER SIGNATURE: _____ CENTURYLINK EASEMENT/PERMIT NUMBER: _____ REMARKS: _____	CITY OF LAS VEGAS PERMIT REQUIRED DEVELOPER/CONTRACTOR SHALL OBTAIN A CITY PERMIT BEFORE ANY EXCAVATION WORK WITHIN CITY OF LAS VEGAS RIGHT-OF-WAY *CENTURYLINK INSPECTOR WILL VERIFY CITY PERMIT FOR WORK DONE WITHIN CITY OF LAS VEGAS RIGHT-OF-WAY INSPECTOR: _____ DATE: _____	OWNER/CONTACT: RANDY McCONNELL TELEPHONE: 702-229-2186 <i>Lin L. Budman</i> 1/25/2013 REVIEWED BY FACILITY ENGINEER: _____ DATE: _____
---	---	--

NO.	REVISION	ENGR. MGR.	DATE
1			
2			
3			

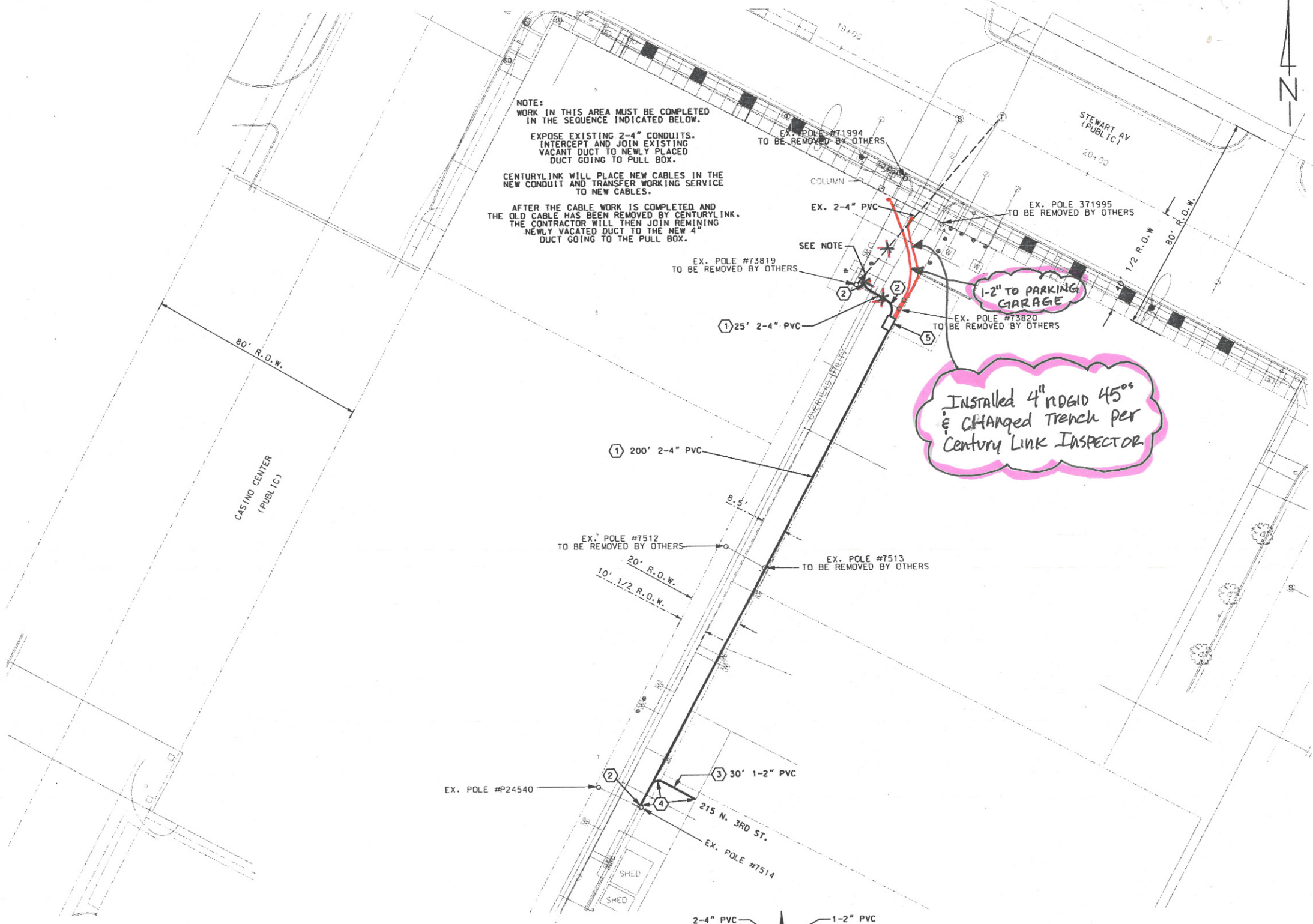
CENTURYLINK PROPRIETARY



Blue Date

LVE - AS-BUILTS

JOHN DANIE FOREMAN



LEGEND

— PROPOSED CONDUIT
--- EXISTING CONDUIT

P.V.C. - D.B. (DIRECT BURIAL) GRADE
D.B. 60 FOR 1", 2", & 3"
D.B. 100 FOR 4"

90° SWEEPS - 36" RADIUS FOR 1", 2", & 3"
SCHEDULE 40 PVC (TYPICAL) OR RIGID GALVANIZED STEEL WITH DOUBLE WRAPPED TO M.L. CORROSION PROTECTION TAPE. (AS SHOWN)

MANHOLE (SEE DRAWING FOR SIZE)

400 PULL BOX
3'-0" x 5'-0" x 4'-0"

200 PULL BOX
2'-6" x 4'-0" x 4'-0"

30 PULL BOX
1'-7" x 3'-0" x 3'-0"

18 HAND HOLE
9" x 14"

TELEPHONE TERMINAL CABINET
48" x 48" x 6"

TELEPHONE TERMINAL CABINET
36" x 36" x 6"

3/4" PLYWOOD BACKBOARD

* 6 GROUND WIRE

MANHOLE (SEE DRAWING FOR SIZE)

TELEPHONE PULL BOX WITH TWO (2) HINGED ALUMINUM TORSION-ASSISTED TRAFFIC RATED LIDS MARKED "TELCO", GALVANIZED STEEL ADJUSTING FRAME AND 4-18 HOLE CABLE RACKS (2 EA. SIDE).

UNDERWRITER LABORATORY APPROVED, RAIN-TIGHT WITH A NON-LOCKING, SIDE-HINGED DOOR, EQUIPPED WITH 4-1/2" PLYWOOD BACKBOARD (1" SMALLER ON ALL SIDES, CENTERED IN CABINET) SECURED WITH RECESSED MOUNTING HARDWARE AND A # 6 GROUND WIRE CONNECTED TO AN APPROVED GROUND SOURCE (SEE GROUND NOTE BELOW).

TELEPHONE TERMINAL BACKBOARD (T.T.B.) - TREATED WITH FIRE RETARDANT PAINT OR SEALER. BACKBOARDS SMALLER THAN 4' x 8' (ie. 2' x 2' & 4' x 4') SHOULD BE MOUNTED 40" ABOVE THE FLOOR.

CONNECT TO THE APPROVED COMMUNICATION GROUNDING SOURCE AS DETERMINED BY THE ELECTRICAL ENGINEER FOR THIS BUILDING OR DEVELOPMENT.

VICINITY MAP
T 20S R 61E SEC: 34

JOB SITE PG 1

JOB SITE PG 2

SELECT BACKFILL

FINISHED GRADE

CENTURYLINK MARKING TAPE

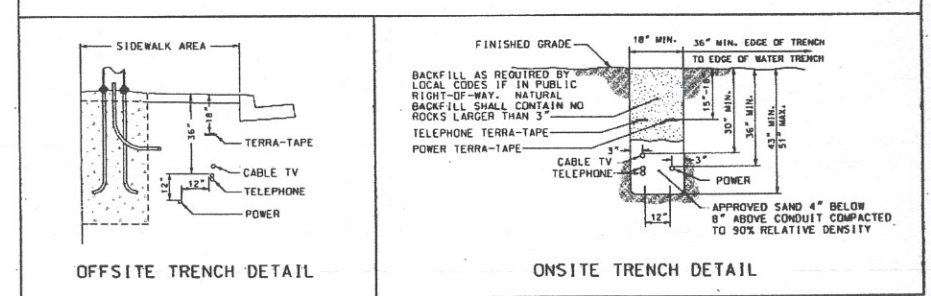
PVC CONDUIT

TRENCH SAND OR CONCRETE AS SPECIFIED PER JOB DRAWING.

CENTURYLINK owned conduit
2-4" Rigid Galvanized Steel, 48" radius riser bands with double wrapped, 10 mil corrosion protective tape or Sch. 40 PVC conduit. (See detail on for type)

RISER DETAIL (TYPICAL)

- CONSTRUCTION NOTES**
- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST ISSUE OF THE CENTURYLINK UNDERGROUND SPECIFICATIONS.
 - ALL CONDUIT, TRENCHING, BACKFILLING AND SUBSTRUCTURES ARE TO BE PROVIDED BY THE DEVELOPER AND CONFORM WITH CENTURYLINK STANDARDS UNLESS OTHERWISE SPECIFIED.
 - TRENCHING AND TELEPHONE SUBSTRUCTURES ARE TO BE PLACED IN THE SIDEWALK AREA WHENEVER POSSIBLE. ALL TRENCHING WILL BE OF A MINIMUM DEPTH TO MAINTAIN 36" OF COVER OVER UNDERGROUND TELEPHONE FACILITIES AND 12" MINIMUM SEPARATION FROM FOREIGN UTILITIES. NEW AND EXISTING BOXES WILL BE ESTABLISHED TO FINISHED GRADE.
 - ALL PULL BOXES (2'-6" x 4'-0" AND LARGER) AND MANHOLES ARE TO BE GROUNDED WITH A 3/4" x 1/4" TINNED SOFT COPPER BONDING RIBBON PLACED VERTICALLY AROUND THE BOTTOM OF THE BOX WITH 3" ENDS STUBBED INSIDE.
 - WHEN EXISTING TELEPHONE FACILITIES (ie. POLES, MANHOLES, PULL BOXES, CONDUIT, TERMINALS, etc.) ARE AFFECTED BY IMPROVEMENTS (REQUIRED BY LOCAL ORDINANCE SUCH AS STREET LIGHTS, SIDEWALK, GUTTERS, etc.) THE DEVELOPER SHALL BE RESPONSIBLE FOR THE ADJUSTMENT OF THESE FACILITIES AS REQUIRED.
 - PLYWOOD BACKBOARDS ARE TO BE TREATED WITH FIRE RETARDANT MATERIAL, PAINT, OR SEALER.
 - THE CONTRACTOR SHALL PROVIDE AND INSTALL A MEASURING TAPE CONSISTING OF A WATER PROOF, 400 POUND TENSILE STRENGTH, MARKED IN ONE FOOT OR LESS INCREMENTS IN AT LEAST ONE DUCT OF ALL CONDUIT SECTIONS. ALL OTHER DUCTS IN A MULTIPLE DUCT SYSTEM WILL HAVE A 1/2" INCH JET LINE PULL STRING WITH 400 POUND TENSILE STRENGTH.
 - THE CONTRACTOR SHALL PROVE AND MANDREL ALL CONDUIT AFTER BACKFILLING WHILE A CENTURYLINK INSPECTOR IS PRESENT. MANDREL SIZE IS TO BE 1/4" SMALLER THAN THE INSIDE DIAMETER OF THE CONDUIT.
 - IN ORDER TO INSURE ADEQUATE FACILITIES ARE PROVIDED FOR THIS PROJECT, IT IS IMPERATIVE THAT THE CONDUIT RECOMMENDATION NOT BE CHANGED WITHOUT CENTURYLINK OUTSIDE PLANT ENGINEERING APPROVAL.
 - CONCRETE ENCASUREMENT SHALL CONSIST OF 3/4" AGGREGATE, TYPE V, PORTLAND CEMENT CONCRETE. THE ENCASUREMENT SHALL BE A MINIMUM OF 2" BETWEEN THE CONDUIT AND A MINIMUM OF 3" ON THE TOP, BOTTOM AND SIDES OF THE DUCT BANK.
 - ALL TERMINALS, BACKBOARDS, CABINETS, ETC., SHALL BE EQUIPPED WITH A #6 GAUGE GROUND WIRE, RUN TO AN APPROVED GROUND SOURCE.
 - A POLYETHYLENE DUCT PLUG SHALL BE INSTALLED IN ALL CONDUIT WHERE TERMINATED OR STUBBED.
 - PROTECTIVE POSTS SHALL BE 4" RIGID STEEL PIPE, SIX FEET IN LENGTH, FILLED AND SET IN CONCRETE AT LOCATIONS SHOWN. THE TOP OF THE PROTECTIVE POST SHALL BE 36" MIN. ABOVE THE PROPOSED FINISHED GRADE AND PAINTED WITH YELLOW STREET MARKING PAINT.
 - IF EXISTING TERMINATORS ARE NOT UTILIZED TO JOIN SUBSTRUCTURES, CALL 244-7811 FOR CENTURYLINK INSPECTOR. 24 HOURS PRIOR TO PENETRATING ANY CENTURYLINK MANHOLE OR PULL BOX, THE ENTRANCE LOCATION IS VERY CRITICAL AND WILL BE DETERMINED AT THIS TIME. CORE DRILLING AND PROPER GROUTING IS MANDATORY. ENTERING THE SIDE OF A CENTURYLINK MANHOLE OR PULL BOX IS NOT PERMITTED UNLESS APPROVED BY CENTURYLINK.
 - ALL TELEPHONE BOXES WILL BE REQUIRED TO HAVE AN 8" x 8" CONCRETE COLLAR POURED AROUND THE TOP PORTION OF THE BOX PER CENTURYLINK STANDARDS, EXCEPT WHEN BOXES ARE TO BE LOCATED IN A CONCRETE SIDEWALK AREA.
 - CENTURYLINK WILL REQUIRE "AS-BUILT" FOOTAGES PRIOR TO ORDERING CABLE TO SERVE THIS DEVELOPMENT. THESE FOOTAGES MUST BE RECEIVED SIX WEEKS PRIOR TO SERVICE INSTALLATION DUE DATES.
 - CALL 244-7811 TO SCHEDULE CENTURYLINK INSPECTION 24 HOURS PRIOR TO STARTING ANY WORK.



CONTRACTOR / DEVELOPER NOTE

- THE DEVELOPER/CONTRACTOR SHALL CALL 244-7811 TO SCHEDULE INSPECTIONS 24 HOURS IN ADVANCE. REQUESTS RECEIVED AFTER 11:00 AM MAY NOT BE SCHEDULED FOR THE FOLLOWING WORKDAY.
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EASEMENT / PERMIT CERTIFICATION EASEMENT / PERMIT REQUIRED: YES ☐ NO ☒ EASEMENT / PERMIT OBTAINED: YES ☐ NO ☒ DATE EASEMENT / PERMIT OBTAINED: _____ ROW ENGINEER SIGNATURE: _____ CENTURYLINK EASEMENT/PERMIT NUMBER: _____ REMARKS: _____	CITY OF LAS VEGAS PERMIT REQUIRED DEVELOPER/CONTRACTOR SHALL OBTAIN A CITY PERMIT BEFORE ANY EXCAVATION WORK WITHIN CITY OF LAS VEGAS RIGHT-OF-WAY *CENTURYLINK INSPECTOR WILL VERIFY CITY PERMIT FOR WORK DONE WITHIN CITY OF LAS VEGAS RIGHT-OF-WAY INSPECTOR: _____ DATE: _____	OWNER/CONTACT: RANDY McCONNELL TELEPHONE: 702-229-2186 Reviewed by FACILITY ENGINEER: _____ DATE: _____
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- ESTIMATED QUANTITIES SHOWN IN (PARENTHESES) AFTER EACH UNIT
- 1 2-4" PVC, DB-100 GRADE (EST. 379')
 - 2 4" RGS 48" 90° BENDS DOUBLE WRAPPED TO MIL PVC TAPE. (8 EA.)
 - 3 1-2" PVC, DB-60 GRADE (EST. 30')
 - 4 2" RGS 36" 90° BENDS DOUBLE WRAPPED TO MIL PVC TAPE. (3 EA.)
 - 5 PULL BOX (3'X5'X4'). (1 EA.)
 - 6 4" RGS 48" 45° BENDS DOUBLE WRAPPED TO MIL PVC TAPE. (4 EA.)



APPROVED FOR CONSTRUCTION
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ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE.

THIS DOCUMENT INCLUDES CENTURYLINK PROPRIETARY AND

CENTURYLINK PROPRIETARY

NO.	REVISION	ENGR.	MGR.	DATE
1				
2				
3				

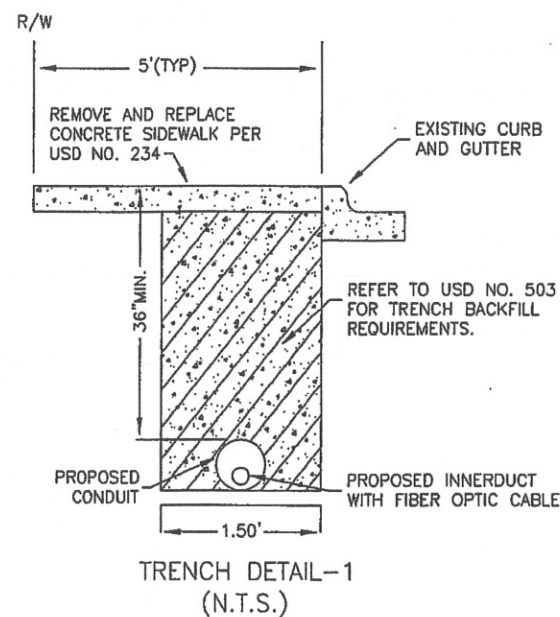
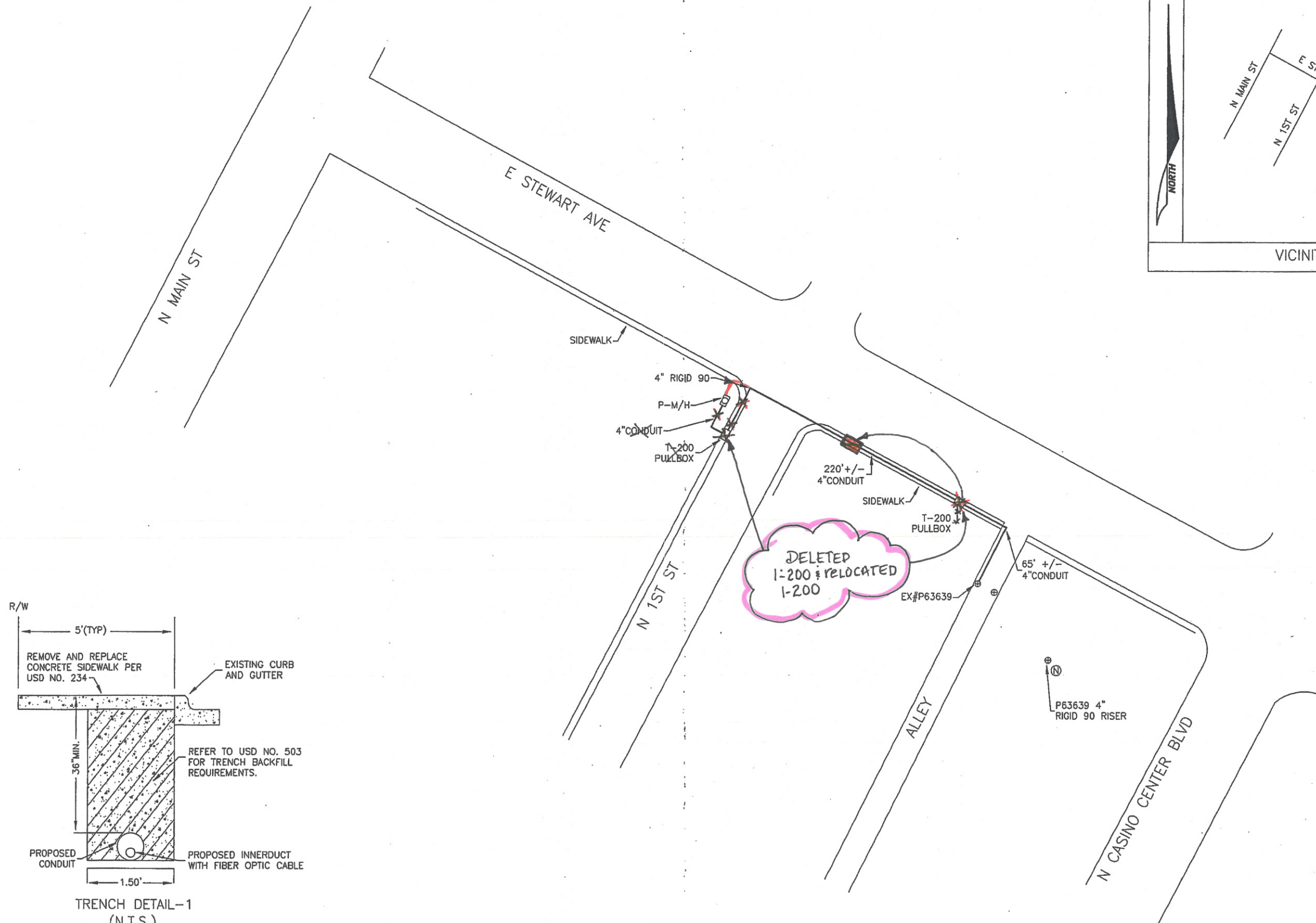
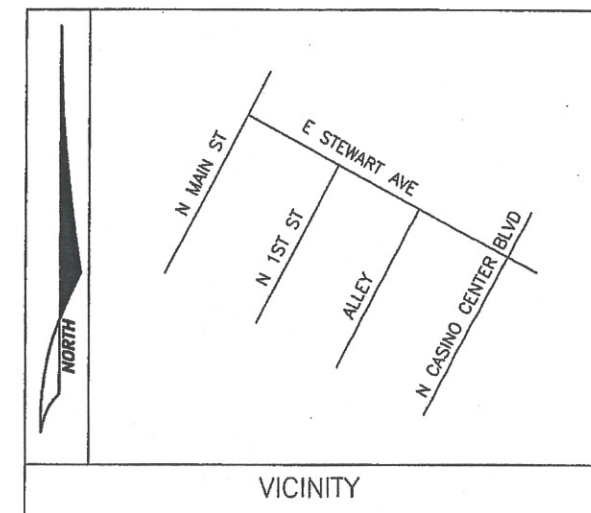


CONSTRUCTION SET

John Dake

LVE As-Built's

JOHN DAKE FOREMAN



LEGEND	
	T-200 PULLBOX
	PHONE MANHOLE
	WOOD POLE

SCOPE OF WORK
36" DEPTH

VICINITY MAP
N.T.S.



Know what's below.
Call before you dig.

WESTCOM INC.

DESIGNED BY:
CHECKED BY:

APPROVED BY:
DRAWN BY: EDWIN H.

3050 SHERIDAN
LAS VEGAS, NV 89102
OFFICE: (702) 231-5500

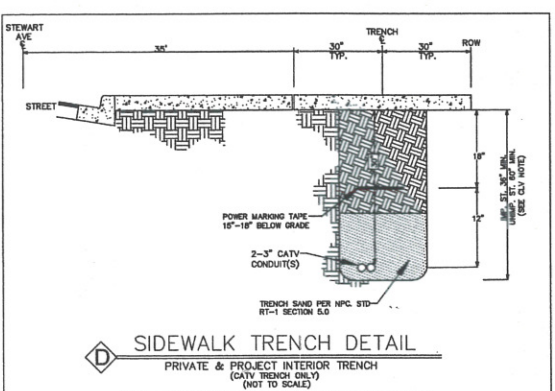
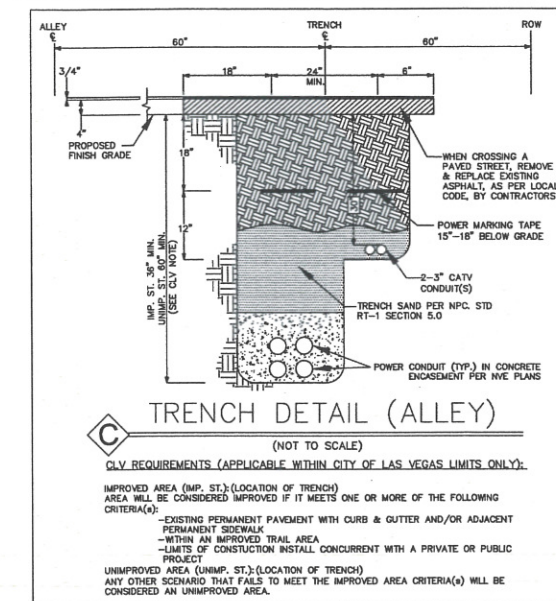
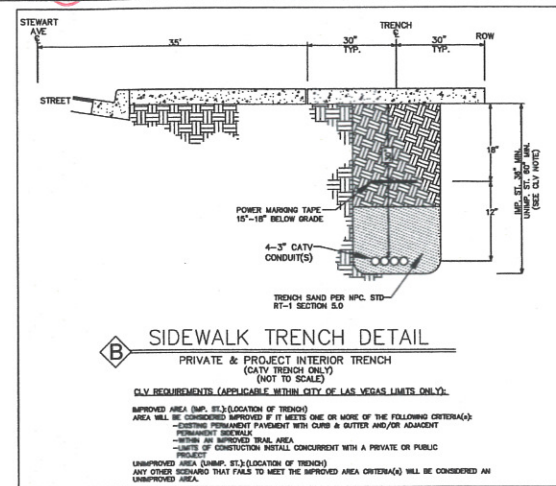
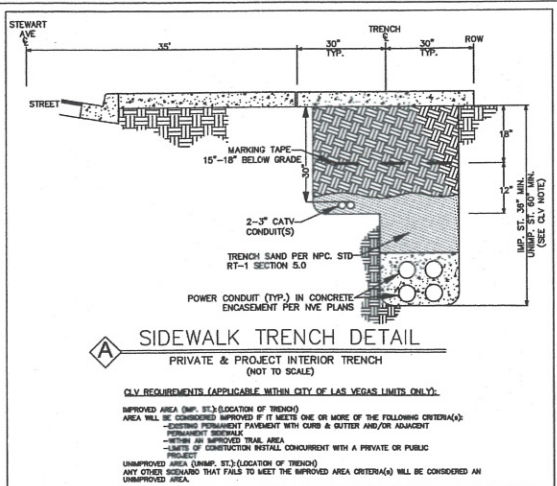
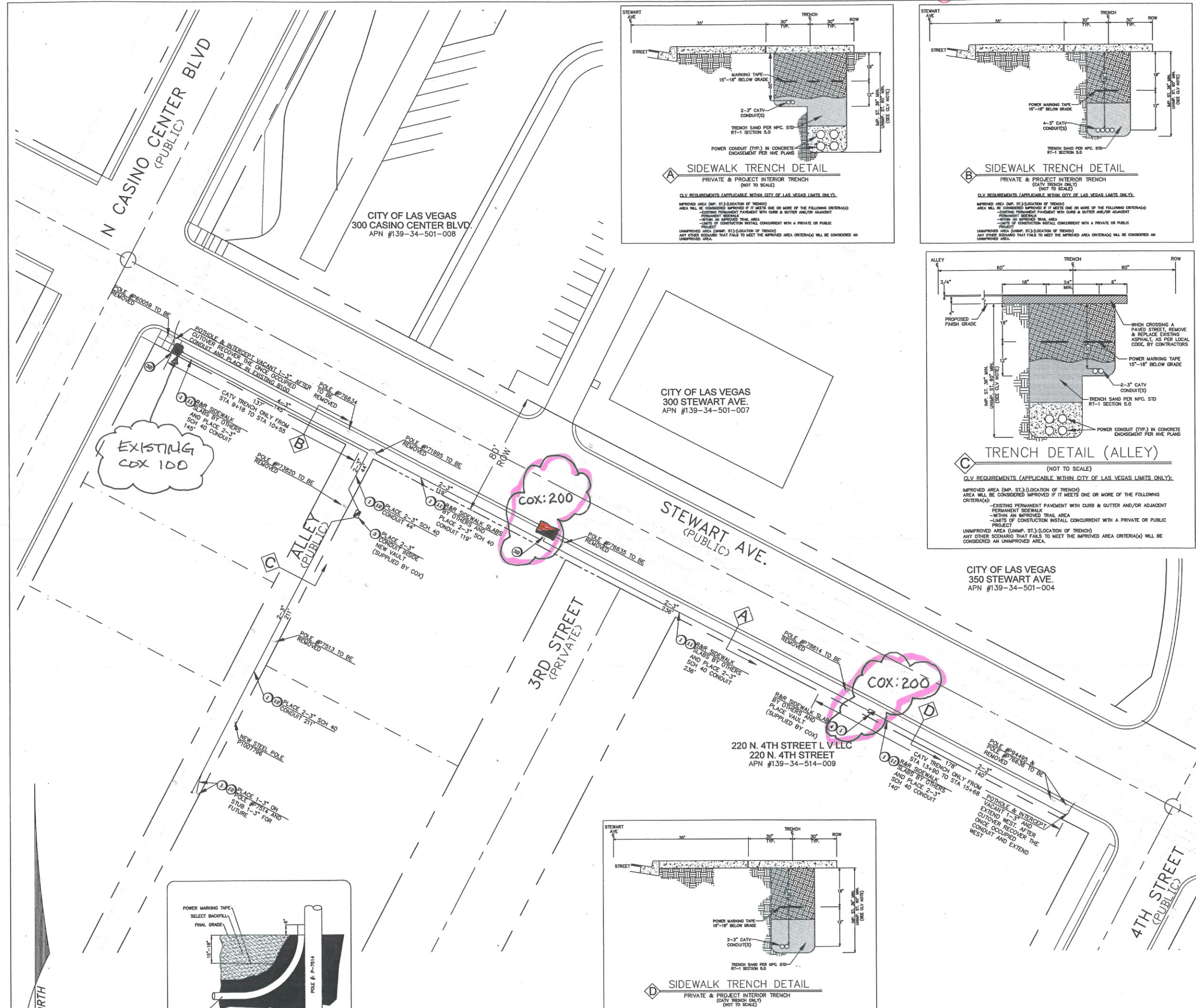
REVISIONS				
REV	DATE	BY	APP	
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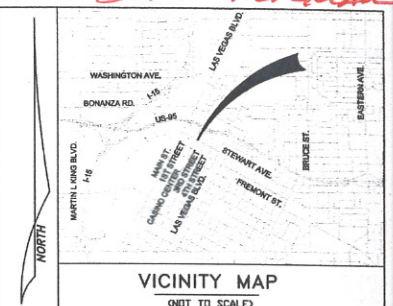
STEWART RELOCATION

John Doe

LVE As-Built's John DANE Foreman



- LEGEND
- 1 R&R X'- S.W. SLAB(S) OR POTHOLE (13"x24"x24")
 - 2 INSTALL NEW B-50 PULL BOX (13"x24"x24")
 - 2B EXISTING B-50 PULL BOX (13"x24"x24")
 - 3 INSTALL NEW B-100 PULL BOX (24"x36"x24")
 - 3B EXISTING B-100 PULL BOX (24"x36"x24")
 - 4 INSTALL NEW T-200 CATV VAULT (30"x48"x36")
 - 4B EXISTING T-200 CATV VAULT (30"x48"x36")
 - 5 INSTALL NEW T-400 CATV VAULT (36"x60"x36")
 - 5B EXISTING T-400 CATV VAULT (36"x60"x36")
 - 6 INSTALL NEW T-600 CATV VAULT (48"x72"x36")
 - 6B EXISTING T-600 CATV VAULT (48"x72"x36")
 - 7 ▲ INSTALL NEW CATV PEDESTAL
 - 7B ▲ EXISTING CATV PEDESTAL
 - 8 [T] EXISTING TELCO PULL BOX
 - 8B [T] EXISTING NV ENERGY PULL BOX
 - 9 [O] EXISTING TELCO MANHOLE
 - 10 [RC] INSTALL RHINO CABINET
 - 11 --- SIDEWALK/DIRT TRENCH-INSTALL
 - 12 --- ASPHALT/STREET TRENCH-INSTALL
 - 13 -B- PROPOSED BORE
 - 14 --- EXISTING CATV CONDUIT(S)
 - 15 --- RIGHT-OF-WAY LINE
 - 16 --- LOT/PROPERTY LINE
 - 17 --- EDGE OF PAVEMENT
 - 18 -XOH- EXISTING OVERHEAD OF FIBER OPTIC CABLE OR COAX
 - 19 -OH- PROPOSED OVERHEAD INSTALL OF FIBER OPTIC CABLE OR COAX
 - 20 ○ EXISTING TELCO POLE
 - 21 ● EXISTING POWER COMPANY POLE
 - 22 ⊗ EXISTING JOINT POLE
 - 23 ⊠ JOINT POLE WITH A TRANSFORMER
 - 24 ⊕ EXISTING NEVADA POWER TRANSFORMER/TRANSFORMER PAD
 - 25 ⊕ COX POWER SUPPLY (49"x24"x52")
 - 26 ⊕ RISER POLE/QUADRANT DETAIL RISER OWNERSHIP NOTED (C)CATV (T)TELCO
 - 27 |||| RAILROAD
 - 28 X EXISTING FACILITIES TO BE REMOVED OR ABANDONED



REVISIONS			
REV	DESCRIPTION	DATE	BY

Approved for Construction

THIS APPROVAL IS FOR WORK IN CLV R/W OR CLV EASEMENTS ONLY. OBTAINING PERMISSIONS OR EASEMENTS FOR WORK SHOWN ON PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

APPROVAL _____ DATE _____

PERMIT #	193792
DRAWN BY:	CMR
DATE:	1/17/13
SCALE:	1:30
NOTE:	
W.O. #	
TECH #	
APPROVED BY:	GENE SIEGEL

COX

CITY OF LAS VEGAS
731 SOUTH FOURTH STREET
LAS VEGAS, NEVADA 89101
Telephone: 702/545-1806
Fax: 702/545-2806

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Avoid cutting underground utility lines. It's costly.

Call before you dig OR 1-800-227-2800 UNDERGROUND SERVICE (USA)

Avoid overhead power line contact

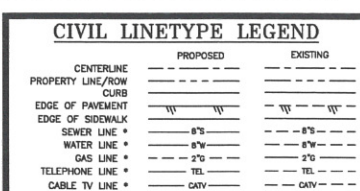
Call before you OVERHEAD 1-702-227-2929 NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

TOTAL BORE -
TOTAL SIDEWALK TRENCH 640'
TOTAL ASPHALT TRENCH 255'

STEWART AVE. RELOCATIONS
MAIN STREET TO 4TH STREET

PROJECT LOCATION
SUB-CONTRACTOR
CITY NOTES

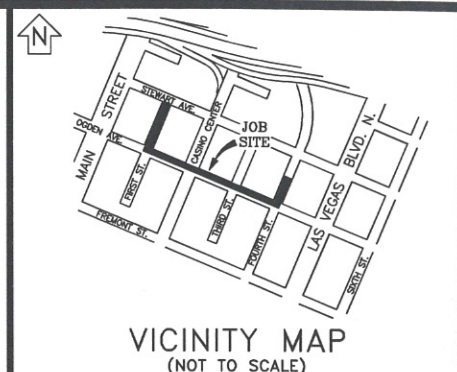
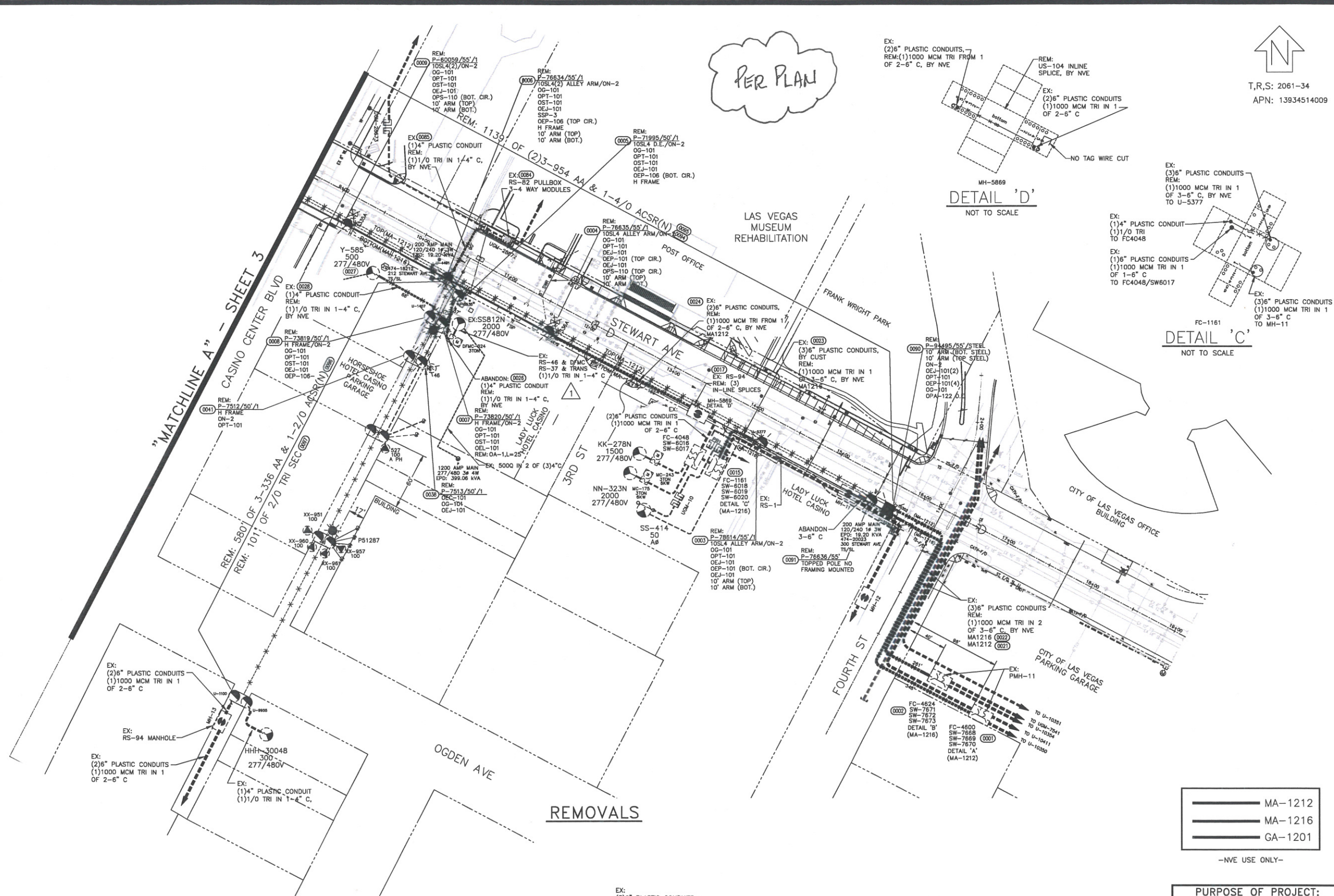
John DANE Foreman



APPROVAL _____ DATE _____

Handwritten signature: *John Dane Foreman*

LVE As-Built John Dane Foreman



EVERY EFFORT HAS BEEN MADE TO IDENTIFY ALL NVE FACILITIES. THE CUSTOMER SHALL CONFIRM THE EXISTENCE AND LOCATION OF THESE FACILITIES.

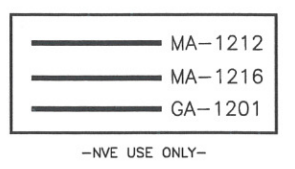
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Call 811
1-800-227-2800
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

REVISIONS			
NO.	DESCRIPTION	DATE	G.A.
1	LEAVE EXISTING 3PH TRANS. IN PLACE PER CUST. REQUEST, ADD 4'11/0'S TO TRENCH DETAIL M-M, SHIFT POLES 13' NORTH, BY DT	04/05/2013	
2	CORRECT TRENCH DET. C & L. CLEANUP TRENCH DET. A, SHOW EXISTING 4" CONDUIT TO EX. FUSE CABINET SEE DET. A, BY DT	04/17/2013	
3	ADD RS-80, TRENCH DET. D ADD 1'-6", DET. D ADJUST FROM SEWER AND TRENCH ALIGNMENT ON OGDEN WEST OF ALLEY BET. 3RD & CASINO CENTER	04/25/2013	

OVERHEAD	
TYPE OF EASEMENT:	
AERIAL	☐
STANDARD	☐
R/W-31	☐
UNDERGROUND	☐
AS BUILT UNDERGROUND	☐
R.O.E./R/W-5-COM	☐
3rd PARTY	☐
UNDERGROUND BY EXHIBIT (N-DOT) PERMIT	☐
(BLM) PERMIT	☐
RAILROAD-UPRR-PERMIT	☐
SO. NEVADA WATER PERMIT	☐
NOT REQUIRED	☐
Misc. Info.	☐
JPA NOTES:	
EMBARQ CONTACT: LEN BELLOWES	
PHONE NUMBER: 244-7839	
DATE OF CONTACT: 06/23/2010	
NVE TO SET NEW POLES	
NVE TO STAKE NEW POLES	
NVE TO PROVIDE 8 POLES	
4 50 FT. CLASS 1	
2 55 FT. CLASS STEEL	
NVE TO DIG POLE HOLES	
NVE TO REMOVE EX. POLES	
REM: 16 POLES, IN: 7 RISERS	
JPA#: P201000810	

EXHIBIT 'A'	
NVE INFORMATION:	
COORDINATOR:	PATRICIA BROWN
PHONE:	402-6812
DESIGNER:	DARRYL THOMAS
DCA:	
INSPECTOR:	402-3008
STAND BY:	402-4117, 402-4116, 402-4118
DISTRICT:	LAS VEGAS NORTH
CUSTOMER INFORMATION:	
APPLICANT:	CLV
ENGINEER:	KIMLEY-HORN AND ASSOCIATES
CONTACT:	RANDY MCCONELL
APPROVAL DATE:	10/09/2012
GOVERNMENT INFORMATION:	
AGENCY:	CITY OF LAS VEGAS
APPROVAL DATE:	10/09/2012
FOR EACH SERVICE POINT (POINT OF DELIVERY), ENERGY FOR EACH TENANT SPACE WILL BE MEASURED THROUGH ONE WATTHOUR METER. ENERGY FOR ALL NON-TENANT SPACE WILL BE MEASURED THROUGH ONE WATTHOUR METER. CONTACT NPC METER OPERATIONS FOR MULTIPLE RATE CLASS INSTALLATIONS	

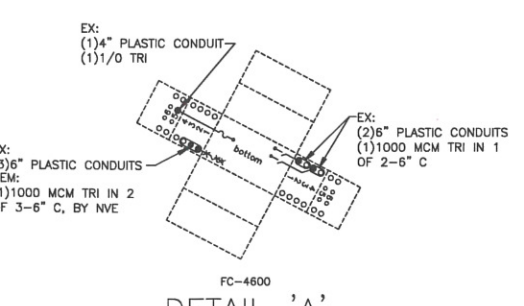
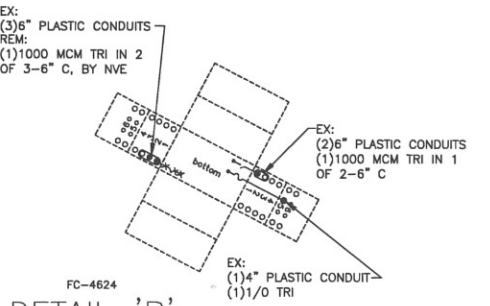


PURPOSE OF PROJECT:
REMOVE OH POLES AND LINES AND
REPLACE WITH UG EQUIPMENT

CIVIL LINETYPE LEGEND		
PROPERTY LINE/ROW	PROPOSED	EXISTING
EDGE OF PAVEMENT	---	---
EDGE OF SIDEWALK	---	---
SEWER LINE	---	---
WATER LINE	---	---
GAS LINE	---	---
TELEPHONE LINE	---	---
CABLE TV LINE	---	---
STORM DRAIN LINE	---	---

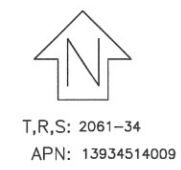
CITY OF LAS VEGAS PERMIT REQUIRED
CONTACT CLV LAND DEVELOPMENT (228-6371)
CLV CONSTRUCTION SERVICES MUST BE NOTIFIED 24 HOURS PRIOR TO COMMENCING CONSTRUCTION (228-6337)
HARBOR DATE
NVE INSPECTOR MUST BE NOTIFIED BY FAX 48 HOURS PRIOR TO COMMENCING CONSTRUCTION & WILL VERIFY CITY PERMIT FOR WORK DONE IN STREETS OR SIDEWALK.
FAX PERMIT TO:
LAS VEGAS NORTH (RYAN CENTER): 402-4384
LAS VEGAS SOUTH (BETHANY CENTER): 402-8884

APPROVED FOR CONSTRUCTION
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APPROVAL DATE



John Dake

LVE As-Built's John Dake Foreman



PER PLAN



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CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

CALL 1-702-402-2929

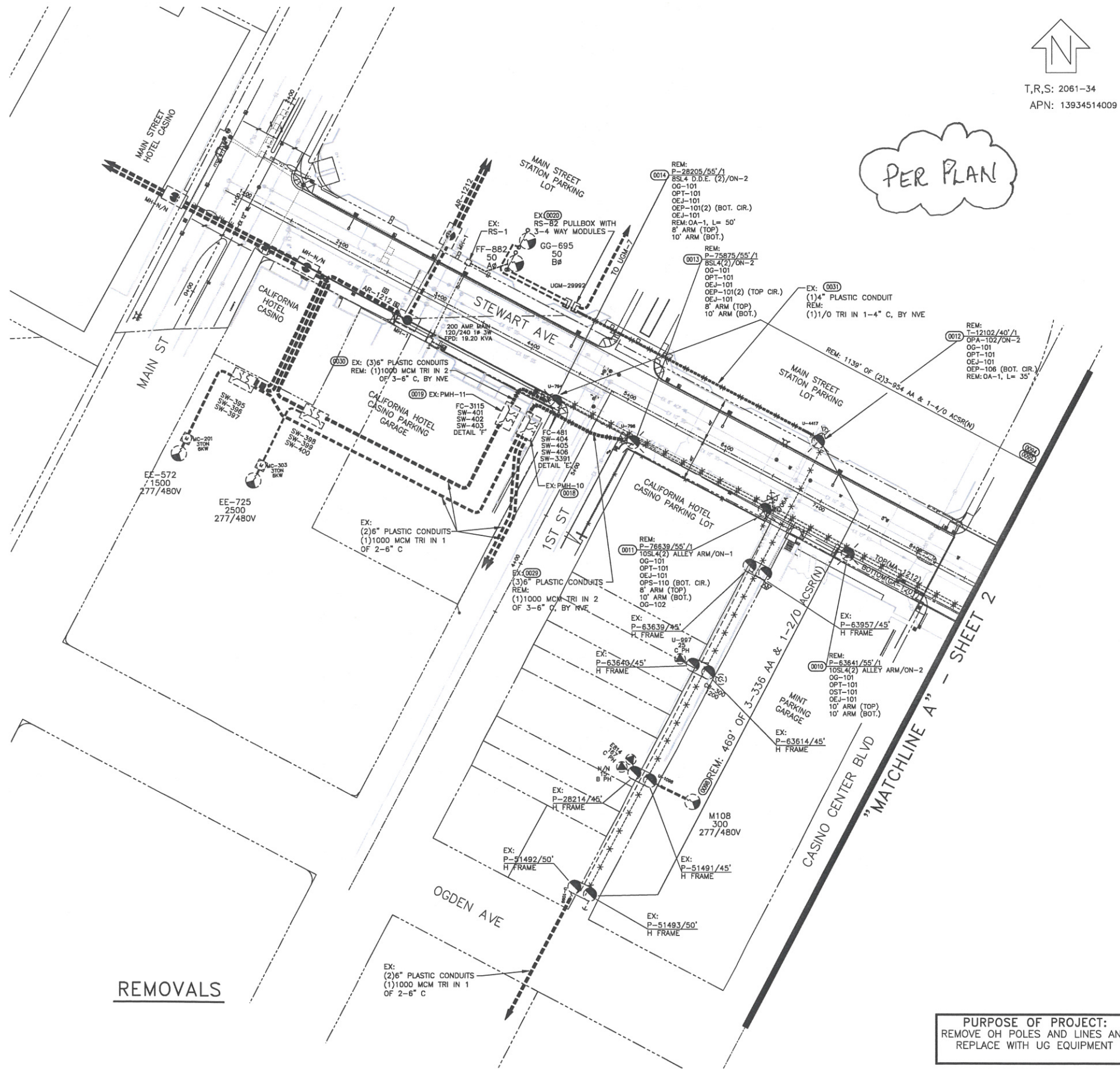
REVISIONS			
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TYPE OF EASEMENT:	
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STANDARD	☐
R/W-31	☐
UNDERGROUND	☐
AS BUILT UNDERGROUND	☐
R.O.E./R/W-5-COM	☐
3rd PARTY	☐
UNDERGROUND BY EXHIBIT (N-DOT) PERMIT	☐
(BLM) PERMIT	☐
RAILROAD-UPRR-PERMIT	☐
SD. NEVADA WATER PERMIT	☐
NOT REQUIRED	☐
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4 50 FT. CLASS 1	
2 55 FT. CLASS 1	
NVE TO DIG POLE HOLES	
NVE TO REMOVE EX. POLES	
REM: 16 POLES, IN: 7 RISERS	
JPA#:	
P201000610	

EXHIBIT 'A'	
NVE INFORMATION:	
COORDINATOR: PATRICIA BROWN	
PHONE: 402-6812	
DESIGNER: DARRYL THOMAS	
DCA:	
INSPECTOR: 402-3008	
STAND BY: 402-4117, 402-4116, 402-4118	
DISTRICT: LAS VEGAS NORTH	
CUSTOMER INFORMATION:	
APPLICANT: CLV	
ENGINEER: KIMLEY-HORN AND ASSOCIATES	
CONTACT: RANDY MCCONELL	
APPROVAL DATE: 10/09/2012	
GOVERNMENT INFORMATION:	
AGENCY: CITY OF LAS VEGAS	
APPROVAL DATE: 10/09/2012	
FOR EACH SERVICE POINT (POINT OF DELIVERY), ENERGY FOR EACH TENANT SPACE WILL BE MEASURED THROUGH ONE WATTHOUR METER. ENERGY FOR ALL NON-TENANT SPACE WILL BE MEASURED THROUGH ONE WATTHOUR METER. CONTACT NPC METER OPERATIONS FOR MULTIPLE RATE CLASS INSTALLATIONS	

PURPOSE OF PROJECT:
REMOVE OH POLES AND LINES AND
REPLACE WITH UG EQUIPMENT

CIVIL LINETYPE LEGEND		
	PROPOSED	EXISTING
CENTERLINE	---	---
PROPERTY LINE/ROW	---	---
CURB	---	---
EDGE OF PAVEMENT	---	---
EDGE OF SIDEWALK	---	---
SEWER LINE	---	---
WATER LINE	---	---
GAS LINE	---	---
TELEPHONE LINE	---	---
CABLE TV LINE	---	---
STORM DRAIN LINE	---	---



FC-3115
DETAIL 'F'
NOT TO SCALE

FC-481
DETAIL 'E'
NOT TO SCALE

REMOVALS

CITY OF LAS VEGAS
PERMIT REQUIRED*

CONTACT CLV LAND DEVELOPMENT (228-4371)
CLV CONSTRUCTION SERVICES MUST BE
NOTIFIED 24 HOURS PRIOR TO COMMENCING
CONSTRUCTION (228-4337)

HANSEN _____ DATE _____

*NVE INSPECTOR MUST BE NOTIFIED BY
FAX 48 HOURS PRIOR TO COMMENCING
CONSTRUCTION & WILL VERIFY CITY PERMIT
FOR WORK DONE IN STREETS OR SIDEWALK.
FAX PERMIT 12:
LAS VEGAS NORTH (RYAN CENTER): 402-4364

APPROVED FOR CONSTRUCTION

THIS APPROVAL IS FOR WORK IN CLV R/W & EASEMENT ONLY.
OBTAINING PERMISSIONS OR EASEMENTS FOR WORK SHOWN ON
PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

MA-1212
MA-1216
GA-1201

STEWART AVE RELOCATIONS
MAIN ST TO 4TH ST
"REMOVALS"