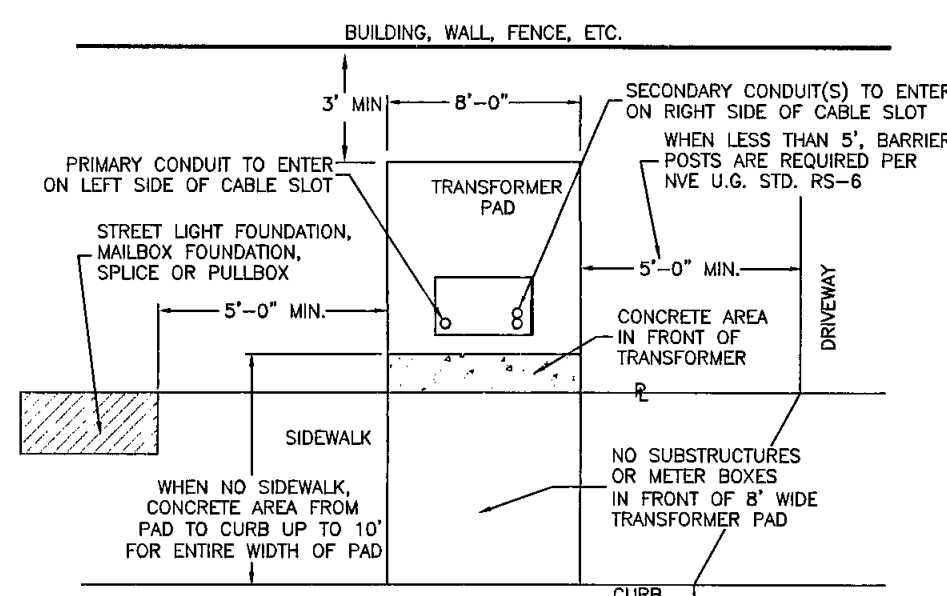




THREE-PHASE TRANSFORMER LOCATION DETAIL

NVE U.G. STD. RS-5 & RS-35 OR RS-37

[illegible]

PURPOSE OF PROJECT:
TO PROVIDE 3 PHASE 277/480V
SERVICE TO AN 800A PANEL FOR
SOMERSET ACADEMY PHASE 3

T,R,S: 1960-21
APN: 12521102001

EXIST. NEW NEW WORK AND SERVICES TO CONSIST OF:

-  1/0 TRIPLEX, 15 KV AL PRIMARY CABLE IN 4" PLASTIC CONDUIT (CONDUIT BY CONTRACTOR).
 1/0, 15 KV AL PRIMARY CABLE IN 4" PLASTIC CONDUIT (CONDUIT BY CONTRACTOR).
 INSTALL NEW CABLE IN EXISTING VACANT CONDUIT.
 CONDUIT LOCATING DEVICE 18" ABOVE STUBOUT.
 SINGLE PHASE PRIMARY POLE RISER PER NVE U.G. STD. OEP-105.
 THREE PHASE PRIMARY POLE RISER PER NVE U.G. STD. OEP-106.
 SECONDARY RISER PER NVE U.G. STD. SSP-2.
 SINGLE PHASE COMMERCIAL PADMOUNTED TRANSFORMER WITH SIZE AS NOTED, 7200-120/240V, PER NVE U.G. STD. UT-105.
 (2) SINGLE PHASE PADMOUNTED COMMERCIAL TRANSFORMERS WITH SIZE AS NOTED, 7200-120/240V, CONNECT OPEN WYE-OPEN DELTA FOR THREE PHASE 120-240V SERVICE, PER NVE U.G. STD. UT-107, WHERE APPLICABLE.
 (3) SINGLE PHASE PADMOUNTED COMMERCIAL TRANSFORMERS WITH SIZE AS NOTED, 7200-120/240V, CONNECT CLOSED WYE-CLOSED DELTA FOR THREE PHASE 120-240V SERVICE, PER NVE U.G. STD. UT-109, WHERE APPLICABLE.
 THREE PHASE COMMERCIAL PADMOUNTED TRANSFORMER WITH SIZE & VOLTAGE AS NOTED, PER NVE U.G. STD. UT-101, WHERE APPLICABLE.
 TERMINATION OF ALL MODULES, MAKES, SPLICES AND FINAL CONNECTIONS.
 NVE TO COIL PRIMARY CABLE IN PULLBOX FOR FUTURE SPLICES, WHERE APPLICABLE.
 NVE TO CUT EXISTING CONDUIT AND TERMINATE PRIMARY CABLES ON THE LOAD BREAK MODULE, WHERE APPLICABLE.
 SERVICE CABLE BY NVE UNLESS NOTED OTHERWISE.

ALL TRENCHING & BACKFILL, MEETING APPLICABLE NVE STANDARD (RT-7 OR RT-12).

--- 4" PLASTIC CONDUIT, PER NVE U.G. STD. RC-1 AND RC-2.

4" PLASTIC CONDUIT BENDS (90°, 45°) WITH 36" MIN. RADIUS (IF CONDUIT LENGTH IS UNDER 100')

4" RGS BENDS (90°, 45°) WITH 36" MINIMUM RADIUS, TAPED OR PVC COATED. (IF CONDUIT LENGTH IS OVER 100')

--- COUPLING FOR 2", 4", OR 6" CONDUITS (AS APPLICABLE).

--- ALL SERVICE CONDUIT, 4" MINIMUM DBBO PVC GRAY (RISER: RGS REQUIRED) WITH 5/32" POLYPROPYLENE PULL LATE WITH A MIN. BREAKING STRENGTH OF 2500 lbs.

2"-6" X 4' X 4' SPLICE PULLBOX PER NVE U.G. STD. RS-80.

3' X 7' X 4' PULLBOX PER NVE U.G. STD. RS-82.

 PAD FOR (1) SINGLE PHASE COMMERCIAL TRANSFORMER, PER NVE U.G. STD. RS-19 AND RS-5.

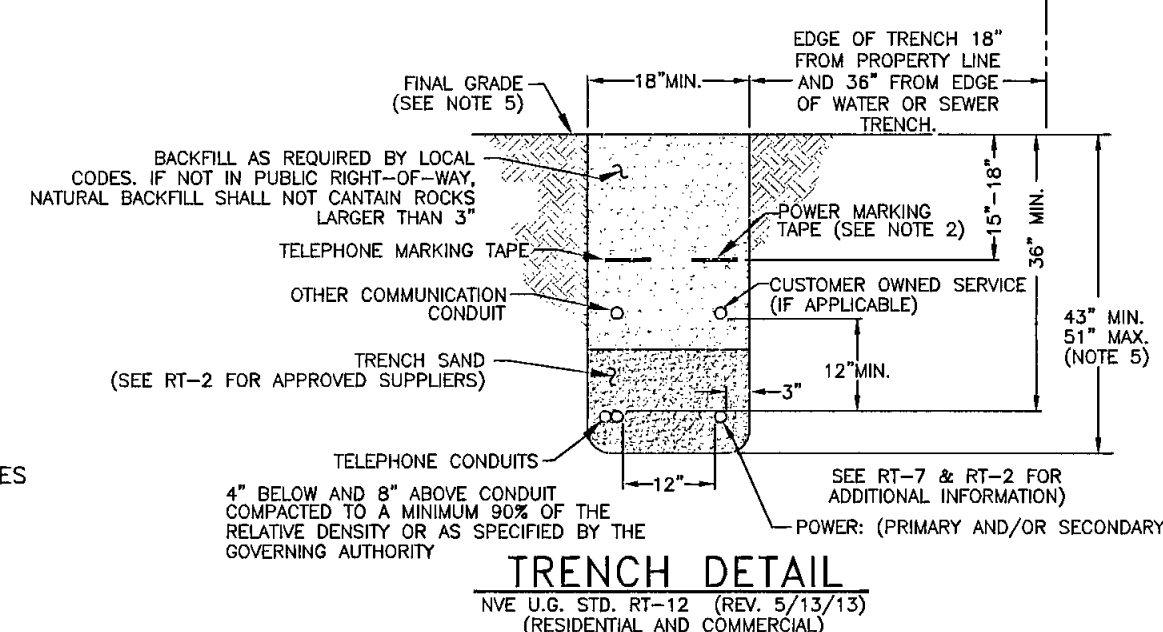
 PAD FOR (2) SINGLE PHASE COMMERCIAL TRANSFORMERS, PER NVE U.G. STD. RS-20 AND RS-5.

 PAD FOR (3) SINGLE PHASE COMMERCIAL TRANSFORMERS, PER NVE U.G. STD. RS-21 AND RS-5.

 PAD FOR (1) THREE PHASE COMMERCIAL TRANSFORMER, PER NVE U.G. STD. RS-35, RS-37, RS-40 OR RS-41, AND RS-5.

VEHICLE PROTECTIVE BARRIERS PER NVE U.G. STD. RS-6, WHERE APPLICABLE.

CITY OF LAS VEGAS <u>PERMIT REQUIRED*</u>	
CONTACT CLV LAND DEVELOPMENT (229-6371) CLV CONSTRUCTION SERVICES MUST BE NOTIFIED 24 HOURS PRIOR TO COMMENCING CONSTRUCTION (229-6377)	
BY _____	DATE _____
*INVE 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): 402-4354 LAS VEGAS SOUTH (BELTWAY CENTER): 402-8864	



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

CIVIL LINETYPE LEGEND		
	PROPOSED	EXISTING
CENTERLINE	_____	_____
PROPERTY LINE/ROW	_____	_____
CURB	_____	_____
EDGE OF PAVEMENT	_____	_____
EDGE OF SIDEWALK	_____	_____
SEWER LINE *	_____ 8" _____	_____ 8" _____
WATER LINE *	_____ 8" _____	_____ 8" _____
GAS LINE *	_____ 2" _____	_____ 2" _____
TELEPHONE LINE *	_____ TOL _____	_____ TOL _____
CABLE TV LINE *	_____ CATV _____	_____ CATV _____
STORM DRAIN LINE *	_____ 12"SD _____	_____ 12"SD _____
FIRE HYDRANT		
STREET LIGHT		
STREET LIGHT SERVICE		

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 Dig. Avoid cutting underground utility lines. It's costly.



**CALL BEFORE
YOU DO
OVERHEAD**

CALL 1-702-402-2929

**Call
811**

OR
1-800-227-2600
AND
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

[illegible]

TYPE OF EASEMENT:		JPA NOTES:	
AERIAL	☐	EMBARQ CONTACT: _____	
STANDARD	☐	PHONE NUMBER: _____	
R/W-31	☐	DATE OF CONTACT: _____	
UNDERGROUND	☒	TO SET NEW POLES	
AS BUILT UNDERGROUND	☐	TO STAKE NEW POLES	
R.O.E./R/W-5-COM	☐	TO PROVIDE _____ POLES	
3rd PARTY	☐	FT. CLASS _____	
UNDERGROUND BY EXHIBIT	☐	FT. CLASS _____	
(N-DOT) PERMIT	☐	FT. CLASS _____	
(BLW) PERMIT	☐	TO DIG POLE HOLES	
RAILROAD-UPRR-PERMIT	☐	TO REMOVE EX. POLES	
SO. NEVADA WATER PERMIT	☐		
NOT REQUIRED	☐		
Misc. Info.	☐	JPA#: _____	N/A

ADDITIONAL INFORMATION:

COORDINATOR: J. ROBERT BATES
PHONE: 702-402-6745
DESIGNER: DAVE SCHMITT
DCA:
INSPECTOR: 402-3008
STAND BY: 402-4117, 402-4114, 402-4118
DISTRICT: LAS VEGAS NORTH
CUSTOMER INFORMATION:
APPLICANT SOMERSET ACADEMY OF LAS VEGAS
ENGINEER: HARRIS 702-269-1575
CONTACT: RICH RIAL 376-0527
APPROVAL DATE: 12/02/2013
GOVERNMENT INFORMATION:
AGENCY: CITY OF LAS VEGAS
APPROVAL DATE:

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

NVEnergy™ 

SOMERSET ACADEMY PH 3
HIGH SCHOOL
7038 SKY POINTE DR

H# 52083 DWG# 715-183-2-UTL

PROJ. ID: 3000428178	SCALE: 1" = 50'
SHEET # 1 OF 1	DATE 11/07/2017

SHEET #: 1 OF 1 | DATE: 11/07/2013