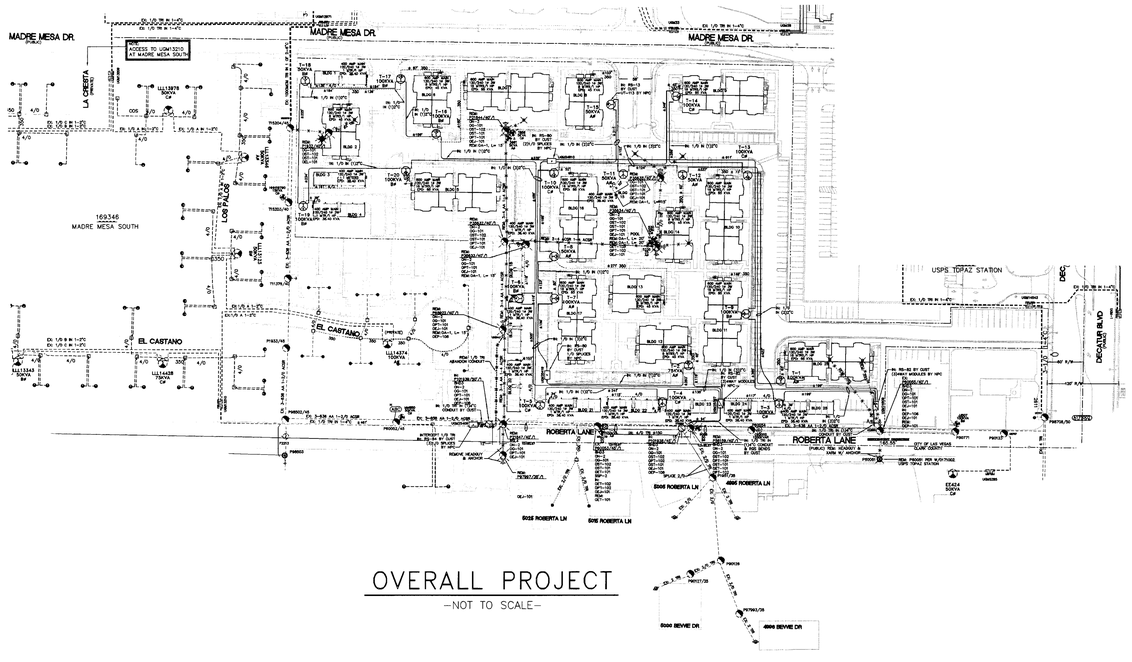
FIRE HYDRANT CLEARANCE:
6' MIN RADIUS REQUIRED FROM CIRCUMFERENCE OF HYDRANT TO ANY ABOVE GROUND EQUIPMENT INCLUDING MANHOLES AND SWITCHBOXES.
3' MIN RADIUS FROM CIRCUMFERENCE OF HYDRANT TO ALL UNDERGROUND HANDHOLES, PULLBOXES AND SPLICEBOXES.



OVERALL PROJECT
–NOT TO SCALE–

NOTE:
POLES TO BE REMOVED BEFORE INSTALLATION OF NEW FACILITIES.

NPC OVERHEAD SYMBOLS

EXIST.	NEW	
●	○	SOLE USE WOOD POLE
◕	⊘	JOINT USE WOOD POLE
■	□	SOLE USE STEEL POLE
◪	▨	JOINT USE STEEL POLE
ⓖ	◎	GUY POLE.
→	→	GUY
•	•	TAP
S	S	SWITCH
F	F	FUSE
		DOUBLE DEAD END
		INSULATOR
E	E	CAPACITOR BANK
VR	VR	REGULATOR
R	R	RECLOSER
FI	FI P	FAULT INDICATOR
		SINGLE PHASE TRANSFORMER
		PAL LIGHT
— —	———	OH PRIMARY WIRE
— —	———	OH SECONDARY WIRE
— —	———	OH SERVICE WIRE

RESIDENTIAL DEVELOPMENT WITH COMMERCIAL

N

T,R,S: 2060–13
APN: 138–13–701–023

EXIST.	NEW	NPC WORK AND SERVICES TO CONSIST OF:
– –	———	1/0 TRIPLEX, 15 KV AL PRIMARY CABLE IN 4" PLASTIC CONDUIT.
– –	———	1/0, 15 KV AL PRIMARY CABLE IN 2" OR 4" PLASTIC CONDUIT.
– –	———	2" DB120 PLASTIC CONDUIT (INCLUDING SWEEPS OR RISERS FOR HANDHOLES, TRANSFORMERS, PULLBOXES, ETC.).
		2" SCH.40 PLASTIC CONDUIT BENDS (90°, 45°) WITH 48" MINIMUM RADIUS (IF CONDUIT LENGTH IS UNDER 500').
		2" FIBERGLASS CONDUIT BENDS (90°, 45°) WITH 36" MINIMUM RADIUS (IF CONDUIT LENGTH IS OVER 500').
EX.500	500	500 MCM TRIPLEX SECONDARY CABLE IN 4" PLASTIC CONDUIT.
EX.350	350	350 MCM TRIPLEX SECONDARY CABLE, CABLE IN CONDUIT.
EX.4/0	4/0	4/0 AWG TRIPLEX SECONDARY CABLE, CABLE IN CONDUIT.
EX.2/0	2/0	2/0 AWG TRIPLEX SECONDARY CABLE, CABLE IN CONDUIT.
		CONDUIT LOCATING DEVICE 18" ABOVE STUBOUT.
		SINGLE PHASE PRIMARY POLE RISER PER NPC U.G. STD. OEP–105.
		THREE PHASE PRIMARY POLE RISER PER NPC U.G. STD. OEP–106.
		SECONDARY RISER PER NPC U.G. STD. SSP–2.
		SINGLE PHASE RESIDENTIAL PADMOUNTED TRANSFORMER WITH SIZE AS NOTED, 7200–120/240V, PER NPC U.G. STD. UT–113.
		(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 NPC U.G. STD. UT–107, WHERE APPLICABLE.
		SINGLE PHASE COMMERCIAL PADMOUNTED TRANSFORMER WITH SIZE AS NOTED, 7200–120/240V, PER NPC 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 NPC 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 NPC U.G. STD. UT–109, WHERE APPLICABLE.
		THREE PHASE COMMERCIAL PADMOUNTED TRANSFORMER WITH SIZE & VOLTAGE AS NOTED, PER NPC U.G. STD. UT–101, WHERE APPLICABLE.
		TERMINATION OF ALL MODULES, MAKES, SPLICES AND FINAL CONNECTIONS.
		NPC TO COIL PRIMARY CABLE IN PULLBOX FOR FUTURE SPLICES, WHERE APPLICABLE.
		NPC TO CUT EXISTING CONDUIT AND TERMINATE PRIMARY CABLES ON THE LOAD BREAK MODULE, WHERE APPLICABLE.
		100 FEET OUTSIDE RESIDENTIAL DEVELOPMENT MARKER. DCA TO PAY CONDUIT AND RISER COSTS INSIDE OF MARKER. CUSTOMER RESPONSIBLE FOR COSTS OUTSIDE MARKER.
		CUSTOMER RESPONSIBILITY [DCA RESPONSIBILITY

EXIST.	NEW	APPLICANT TO FURNISH AND INSTALL:
		ALL TRENCHING & BACKFILL, MEETING APPLICABLE NPC STANDARD (RT–7, RT–8, OR RT–12).
– –	———	4" PLASTIC CONDUIT 100' OUTSIDE RESIDENTIAL DEVELOPMENT, PER NPC 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')
		STREET CROSSING INSTALLATION, NPC REQUIRES A 4" CONDUIT PER SECONDARY CABLE, AND A 2" CONDUIT PER 1/0 CABLE.
		6" TO (3)2" REDUCERS, PER NPC U.G. STD. RC–1 AND RC–2.
		4" TO (1)2" REDUCERS, PER NPC U.G. STD. RC–1 AND RC–2.
		COUPLING FOR 2" OR 4" CONDUITS (AS APPLICABLE).
– –	----	ALL COMMERCIAL SERVICE CONDUIT – 4" MINIMUM DB60 PVC GRAY (RISER: RGS REQUIRED) WITH 5/32" POLYPROPYLENE PULL LINE WITH A MIN. BREAKING STRENGTH OF 1250 lbs.
		2'–6" X 4' X 4' SPLICE PULLBOX PER NPC U.G. STD. RS–80.
		3' X 7' X 4' PULLBOX PER NPC U.G. STD. RS–82.
		PAD FOR (1) SINGLE PHASE RESIDENTIAL TRANSFORMER, PER NPC U.G. STD. RS–13 AND RS–5.
		PAD FOR (2) SINGLE PHASE RESIDENTIAL TRANSFORMERS, PER NPC U.G. STD. RS–14 AND RS–5.
		PAD FOR (1) SINGLE PHASE COMMERCIAL TRANSFORMER, PER NPC U.G. STD. RS–19 AND RS–5.
		PAD FOR (2) SINGLE PHASE COMMERCIAL TRANSFORMERS, PER NPC U.G. STD. RS–20 AND RS–5.
		PAD FOR (3) SINGLE PHASE COMMERCIAL TRANSFORMERS, PER NPC U.G. STD. RS–21 AND RS–5.
		PAD FOR (1) THREE PHASE COMMERCIAL TRANSFORMER, PER NPC U.G. STD. RS–35, RS–37, RS–40 OR RS–41, AND RS–5.
		VEHICLE PROTECTIVE BARRIERS PER NPC U.G. STD. RS–6, WHERE APPLICABLE.

GENERAL NOTES:

ANY NOTES LOCATED IN DRAWING AREA TAKE PRECEDENCE OVER STANDARD NOTES.

ALL WORK SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS SET FORTH IN THE ELECTRIC SERVICE REQUIREMENTS HANDBOOK, AS CURRENTLY ADOPTED BY NPC. THE CONTRACTOR SHALL SECURE COPIES OF THE AFOREMENTIONED CONSTRUCTION SPECIFICATIONS ON HIS OR HER OWN BEHALF.

REFER TO A CURRENT NEVADA POWER ELECTRIC SERVICE REQUIREMENTS HANDBOOK FOR FURTHER CLARIFICATION OF NPC STANDARDS.

THE APPLICANT SHALL INFORM THE INSPECTOR AT LEAST 48 HOURS BEFORE COMMENCING ANY ITEM OF CONSTRUCTION OR INSTALLATION OF MATERIAL TO ENABLE PROPER INSPECTION OF MATERIALS AND WORKMANSHIP. MAIN TRENCH WIRE PULLS TO BE SCHEDULED 72 HOURS IN ADVANCE OF INSTALLATION. APPLICANT'S PROJECT WILL NOT BE SCHEDULED UNTIL FINAL APPROVAL FROM NPC UNDERGROUND & ELECTRICAL INSPECTORS.

SYMBOLS ARE NOT TO SCALE AND DO NOT NECESSARILY REPRESENT ACTUAL LOCATIONS OF FACILITIES.

THIS DRAWING ILLUSTRATES DATA COLLECTED FROM VARIOUS SOURCES AND MAY NOT REPRESENT A SURVEY OF THE PREMISES.

APPLICANT SHALL FIELD DETERMINE POSITION AND DEPTH OF EXISTING UTILITY EQUIPMENT PRIOR TO COMMENCING CONSTRUCTION.

USE CAUTION PRIOR TO EXCAVATION. CHECK TO ENSURE ADDITIONAL DEPTH IS NOT REQUIRED TO ACCOMMODATE GAS AND/OR WATER FACILITIES AND DRAINAGE CHANNELS.

CALL NEVADA POWER UNDERGROUND INSPECTORS 48 HOURS PRIOR TO START OF CONSTRUCTION FOR TRENCH INSPECTION BEFORE COVERING TRENCH.

ALL NPC CABLE TO BE INSTALLED BEHIND CURB, UNLESS OTHERWISE STATED.

APPLICANT IS RESPONSIBLE FOR STAKING OF PROPERTY CORNERS & ELEVATIONS.

ALL HANDHOLES AND PULLBOXES SHALL BE INSTALLED TO FINISHED GRADE OR 6" ABOVE IF GRADE IS NOT ESTABLISHED.

WHEN INSTALLING CONDUIT IN FIELD, USE APPROPRIATE BENDS TO COMPLETE THE INSTALLATION.

DEFLECTION OF CONDUIT BENDS AND CONDUIT NOT TO EXCEED NPC STANDARDS.

EXISTING CONDUIT INSTALLED BY PREVIOUS CONTRACTOR / DEVELOPER. NPC DOES NOT GUARANTEE LOCATION, LENGTH OR ACCESSIBILITY OF STUB OUT.

NO COVERED PARKING IN SHADED AREAS.

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 WORKSCONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE.

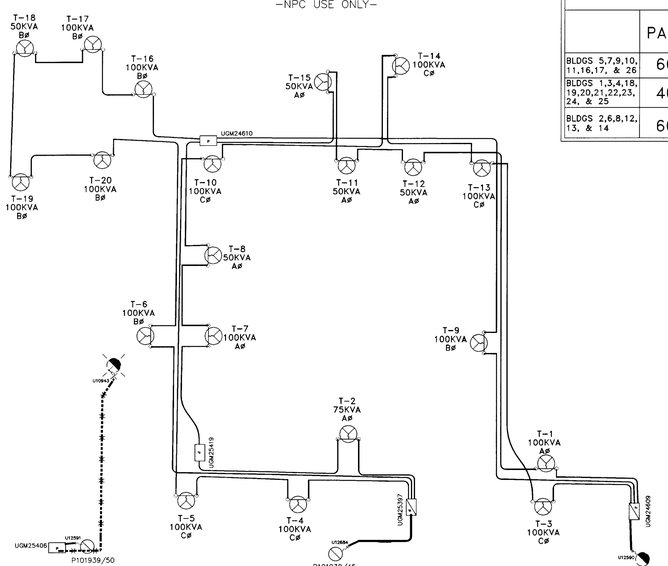
BUILDING INFORMATION

	PANEL SIZE	#METERS	SERVICE WIRE	EPD
BLDGS 5,7,9,10, 11,16,17, & 26	600 AMP	16+1 HSE	350 TRI CIC	85 KVA
BLDGS 1,3,4,18, 19,20,21,22,23, 24, & 25	400 AMP	1+1 HSE	4/0 TRI CIC	43 KVA
BLDGS 2,6,8,12, 13, & 14	600 AMP	8+1 HSE	350 TRI CIC	45 KVA

POLES REMOVED

P35634
P35635
P21844
P35632
P68922
P35633
P1932
P21847
P56159

SINGLE LINE DIAGRAM
–NPC USE ONLY–



TOTAL LOAD	
Aø	= 475 KVA
Bø	= 650 KVA
Cø	= 600 KVA

EXISTING LOAD	
Aø	= 0 KVA
Bø	= 0 KVA
Cø	= 0 KVA

105675

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 10/12/07

CITY OF LAS VEGAS PERMIT REQUIRED*

CONTACT CLV LAND DEVELOPMENT (229–6371)
CLV CONSTRUCTION SERVICES MUST BE NOTIFIED 24 HOURS PRIOR TO COMMENCING CONSTRUCTION (229–6337)

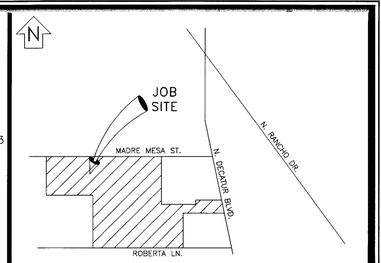
*NPC INSPECTOR MUST BE NOTIFIED BY FAX 48 HOURS PRIOR TO COMMENCING CONSTRUCTION & WILL VERIFY CITY PERMIT FOR WORK DONE IN STREETS OR SIDEWALK. FAX PERMIT TO:
LAS VEGAS NORTH: 657–4354
LAS VEGAS SOUTH (HENDERSON): 558–4740
LAS VEGAS SOUTH (SPRING VALLEY): 252–4828

CIVIL LINETYPE LEGEND

	PROPOSED	EXISTING
CENTERLINE		
PROPERTY LINE/ROW		
CURB		
EDGE OF PAVEMENT		
EDGE OF SIDEWALK		
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
FIRE HYDRANT		
STREET LIGHT		
STREET LIGHT SERVICE		

* LINETYPES UTILIZED WHERE CONFLICT OCCURS WITH NPC FACILITIES.

PURPOSE OF PROJECT:
SERVICE FOR (12) 400 AMP & (14) 600 AMP PANELS WITH 120/240 VOLTAGE



VICINITY MAP
(NOT TO SCALE)

EVERY EFFORT HAS BEEN MADE TO IDENTIFY ALL NPC 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 1–702–227–2929

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.
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

DCA

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:
SPRINT CONTACT: LORI JOHNSON
PHONE NUMBER: 244–7899
DATE OF CONTACT: 1/11/2007
NPC TO SET NEW POLES
NPC TO STAKE NEW POLES
TO PROVIDE POLES
1 45 FT. CLASS 1
1 50 FT. CLASS 1
FT. CLASS
TO DIG POLE HOLES
NPC TO REMOVE EX. POLES
REMOVE 10 POLES, ADD RISER TO 3 POLES, ADD 2 POLES.
JPA#: P200700013

EXHIBIT 'A'

NPC INFORMATION:
COORDINATOR: DEBBIE LAMM
PHONE: 657–4331
DESIGNER: DAYNA LOPRESTI
DCA: 657–4355–TRESSA
INSPECTOR: 378–3690
STAND BY: 657–4117,657–4116,657–4118
DISTRICT: LAS VEGAS

CUSTOMER INFORMATION:
APPLICANT TMF INVESTMENTS
ENGINEER: BAUGHMAN & TURNER, INC.
CONTACT: DAVE TURNER 870–8771
APPROVAL DATE: 05/16/2007

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

NEVADA POWER COMPANY

DECATUR VILLAGE APARTMENTS
MADRE MESA & DECATUR
10704783–NPC

PROJ. ID: 182851	SCALE: 1'' = 50'
SHEET #: 1 OF 3	DATE: 11/27/2006