

MATCHLINE - SEE SHEET T1

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LEGAL DESCRIPTION:
 THE EAST HALF (E 1/2) OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 20, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, EXCEPTING THEREFROM THAT PORTION DESCRIBED IN THAT CERTAIN "GRANT DEED" TO THE CITY OF LAS VEGAS, A MUNICIPAL CORPORATION OF THE COUNTY OF CLARK, STATE OF NEVADA, TEREON FILE RECORDED NOVEMBER 13, 2002 IN BOOK 20031113 OF OFFICIAL RECORDS AS INSTRUMENT NO. 0000862 IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

BASIS OF BEARINGS:
 SOUTH 89°54'17" WEST, BEING THE BEARING OF THE CENTERLINE OF DEER SPRINGS WAY AS SHOWN IN FILE 118, PAGE 89 OF SURVEYS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA

BENCHMARK:
 BEING A RIVET AND ROUND ALUMINUM PLATE, STAMPED CITY OF LAS VEGAS BENCHMARK #BLVSD 208, IN THE TOP OF CURB AT THE SOUTHWEST CORNER OF THE INTERSECTION OF DURANGO DRIVE AND DORRELL LANE.
 ELEVATION = 788.77 M = 2587.82 FT, REFERENCED TO NAVD 88 DATUM

SIGHT VISIBILITY ZONES NOTE
 NO WALLS, FENCES, TREES, SHRUBS, UTILITY APPURTENANCES OR ANY OTHER OBJECT, OTHER THAN TRAFFIC CONTROL DEVICES AND STREET LIGHT POLES, MAY BE CONSTRUCTED OR INSTALLED WITHIN THE SIGHT VISIBILITY ZONE UNLESS SAID OBJECT IS MAINTAINED AT LESS THAN 24 INCHES IN HEIGHT, MEASURED FROM THE TOP OF CURB.

NOTES

- OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS SHOWN AND TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DISTURBED, DESTROYED, OR OBTUSCURED DURING CONSTRUCTION.
- ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
- SLURRY ROADWAY PRIOR TO INSTALLING NEW MARKINGS.

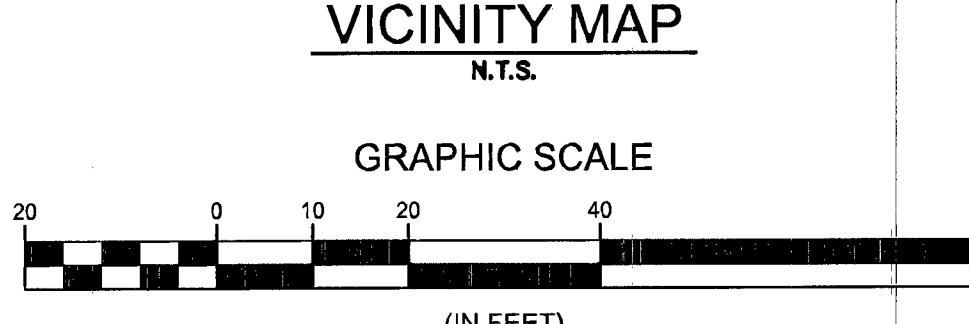
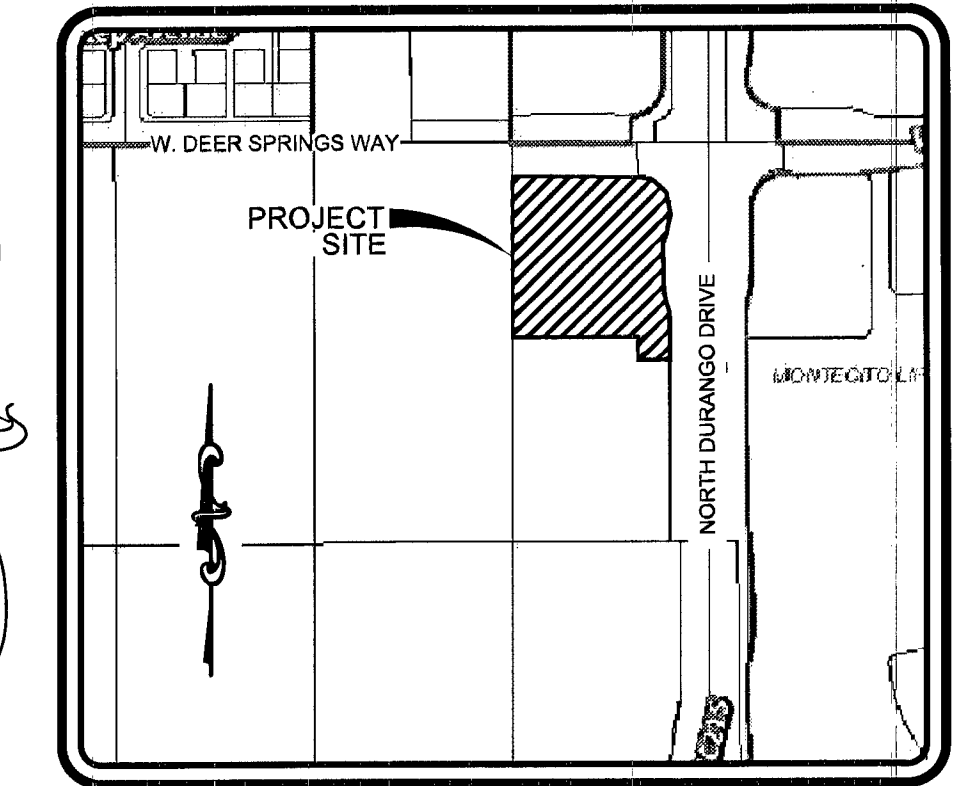
ACCESSIBILITY NOTES

- MAXIMUM SLOPE ON THE ACCESSIBLE ROUTE IS 5.0% IN THE DIRECTION OF TRAVEL, 2.0% CROSS SLOPE.
- MAXIMUM SLOPE IN ACCESSIBLE PARKING STALL LOADING AISLES IS 2.0% IN ANY DIRECTION.
- PROVIDE ACCESSIBLE PARKING STALL SIGNAGE FOR HANDICAP AND VAN ACCESSIBLE STALLS PER NRS 484.408.
- HANDICAP STALLS SHALL BE 9'-0" WIDE x 18'-6" LONG (18'-6" WITH PERMITTED OVERHANG). HANDICAP STALL LOADING AISLES ARE 5'-0" WIDE x THE ENTIRE LENGTH OF THE PARKING STALL (8'-0" WIDE FOR VAN ACCESSIBLE SPACES).

PAVEMENT MARKERS

INSTALL BLUE COLORED REFLECTIVE RAISED PAVEMENT MARKERS ADJACENT TO THE FIRE HYDRANT ON ALL IMPROVED FIRE APPARATUS ACCESS ROADWAYS WITH HARD SURFACES, INCLUDING BOTH PUBLIC AND PRIVATE ROADS, STREETS OR FIRE LANES:

- ON ROADWAYS WITH NO PARKING PERMITTED ON THE HYDRANT SIDE: EIGHT (8) FEET FROM THE FACE OF THE CURB ON THE HYDRANT SIDE.
- ON ROADWAYS WITH PARKING PERMITTED ON THE HYDRANT SIDE: SIXTEEN (16) FEET FROM THE FACE OF THE CURB ON THE HYDRANT SIDE.



CITY OF LAS VEGAS FIRE DEPARTMENT

FIRE FLOW REQUIREMENT IS 1,750 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL BASED ON:

REQ'D FIRE FLOW*	GAS STATION	CAR WASH
SQUARE FOOTAGE**	1,750	1,996
LARGEST AREA BETWEEN AREA SEPARATION WALLS	N/A	N/A
HEIGHT	21'-0"	18'-0"
TYPE OF CONSTRUCTION	V-B	V-B
SPRINKLER SYSTEM	NO	NO
OCCUPANCY	M	B
NO. OF STORIES	1	1
HIGH PILED STORAGE	NO	NO
CHEMICAL ADDITIVES	NO	NO

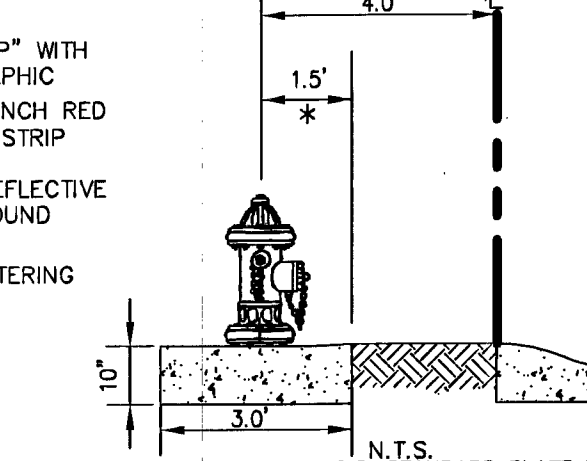
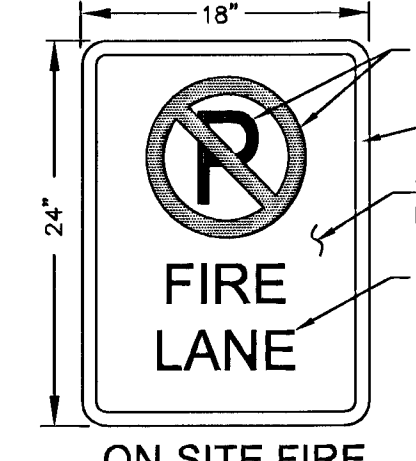
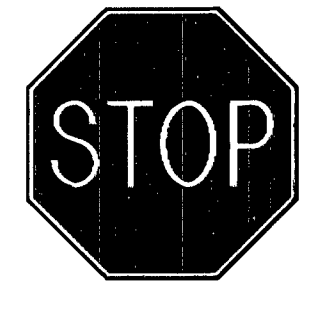
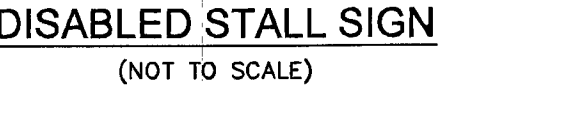
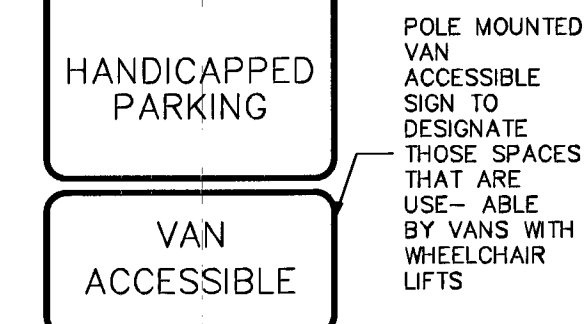
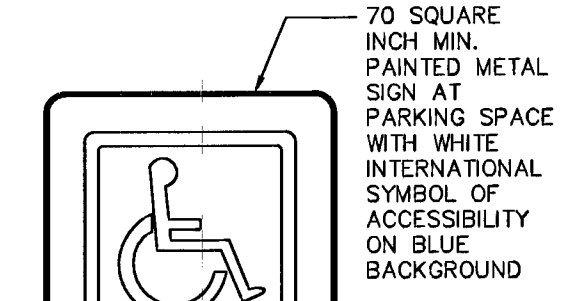
* BASED ON 50% REDUCTION FOR FIRE SPRINKLERS
 ** BASED ON MAXIMUM SQUARE FOOTAGE POSSIBLE

ON-SITE TRAFFIC NOTES:

NO	ITEM
1	INSTALL ENTRANCE WARNING SIGN PER CLV STANDARDS, DETAIL THIS SHEET
2	INSTALL HANDICAP PARKING SIGNS PER ADA AND CLV STANDARDS
3	INSTALL BLUE REFLECTIVE PAVEMENT MARKER IN THE FIRE LANE ADJACENT TO EACH HYDRANT (IF NOT EXISTING)
4	PAINT CURBS RED "FIRE LANE - NO PARKING"
5	INSTALL FIRE LANE SIGNS PER CLV STDS, DETAIL THIS SHEET
6	INSTALL 30" X 30" R1-1 "STOP SIGN"

Call before you Dig
 1-800-227-2600
 1-702-455-7511
 1-702-455-7544

Call before you UnderGround
 1-702-455-7511
 1-702-229-6611
 1-702-593-6111

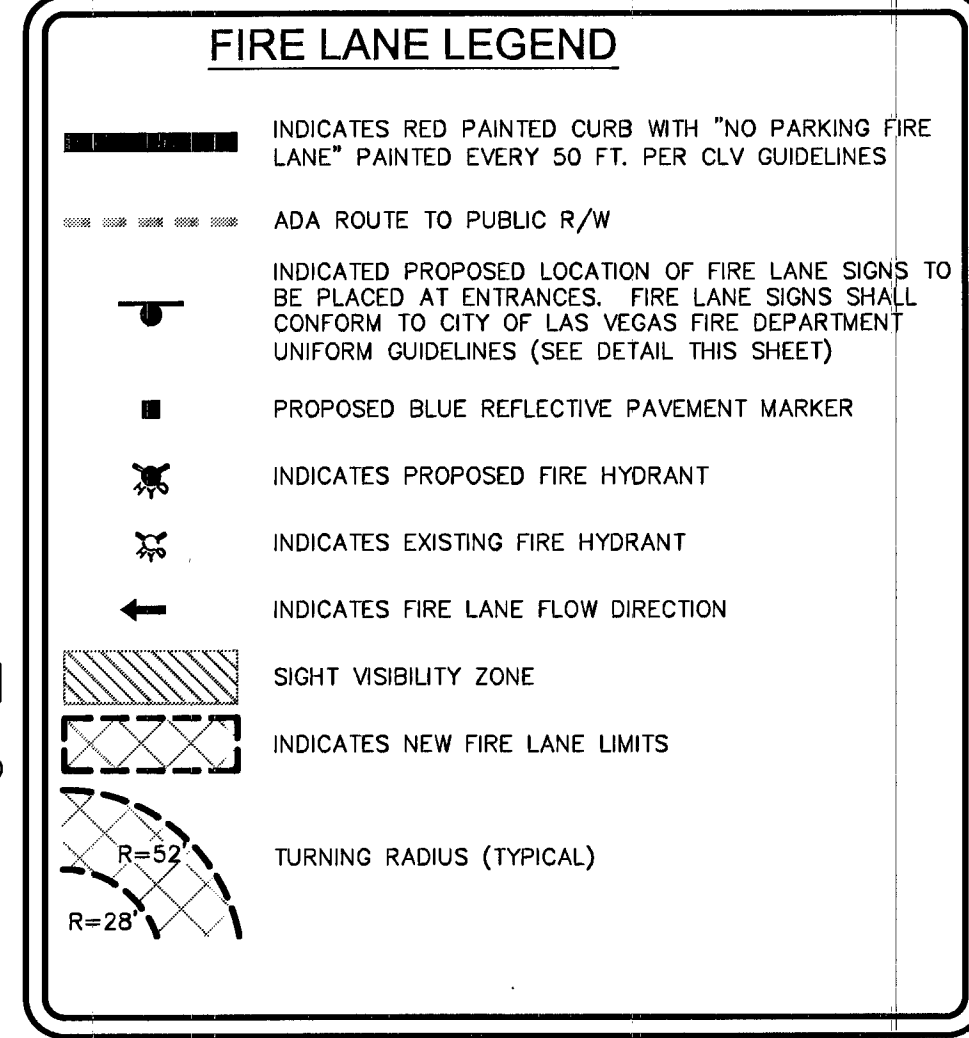


PROPERTY CURVE & LINE DATA

LINE	LENGTH	BEARING
L1	2.24	N89°54'17"E
L2	63.25	S80°59'52"E
L3	42.93	S00°05'59"E
L4	31.92	N00°05'59"W
L5	31.51	S14°08'09"E

PROPERTY CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	TANGENT
C1	54.00	84.82	89°59'44"	54.00
C2	10.50	1.73	92°7'44"	0.87
C3	39.50	6.52	92°7'44"	3.27
C4	39.50	9.68	142°02'10"	4.86
C5	39.50	9.68	142°02'10"	4.86



CITY OF LAS VEGAS FIRE DEPARTMENT APPROVAL

BY: *[Signature]* DATE: 5-22-14

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF, ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS.

FIRE FLOW 1,750 GPM AT 20 PSI RESIDUAL.

CLV DRAWING NO. 107V 6234 H53035

WIE

WALKER ENGINEERING, LLC
 5765 S. RAINBOW BLVD., SUITE 101
 LAS VEGAS, NV 89118
 TEL: 702.873.5197
 FAX: 702.873.5346

PROFESSIONAL SEAL
 STATE OF NEVADA
 CIVIL ENGINEER
 No. 17819
 5-21-14

REVISIONS

NO.	DATE	DESCRIPTION OF REVISION
1	5/22/14	ADD PLANTER ISLAND PER BLDG. CHIT
2	5/27/14	SMOKE DETECTOR SOUTH TO MAINTAIN SEPARATION FROM NEIGHBORING WIRE CONC.

ARCO AM/PM @ DURANGO & DEER SPRINGS

HORIZONTAL CONTROL & FIRE ACCESS PLAN

SUBMITTAL NO. REPLOT
 DATE: MAY 20, 2014
 WE PROJECT NO. 1292.00
 AGENCY NO. CLV: 53035
 SHEET NO. H1
 6 OF 13 SHEETS