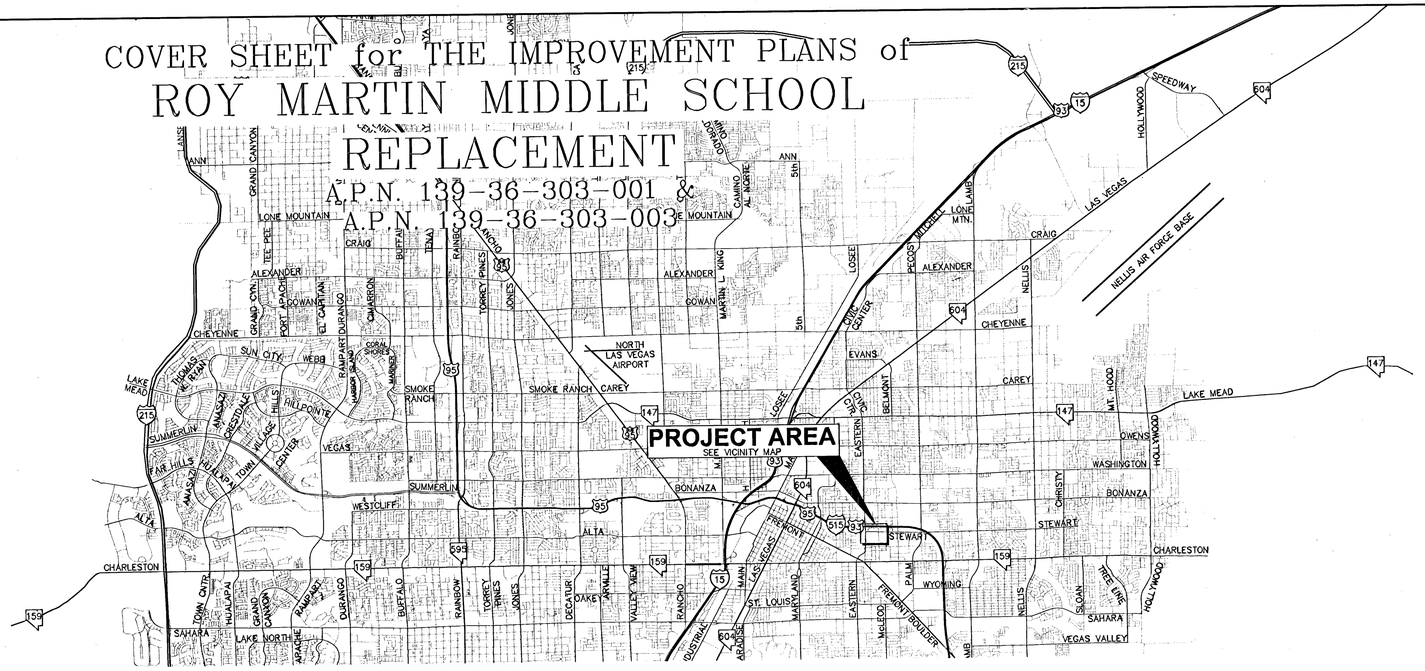
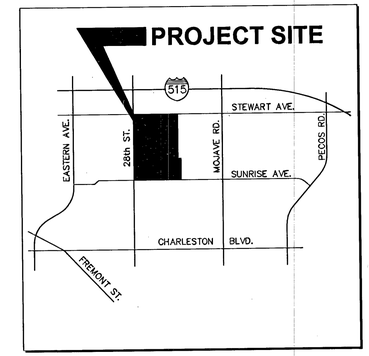
COVER SHEET for THE IMPROVEMENT PLANS of
ROY MARTIN MIDDLE SCHOOL
REPLACEMENT
A.P.N. 139-36-303-001 & A.P.N. 139-36-303-003





VICINITY MAP
N.T.S.

PROJECT NAME: CCSD ROY MARTIN MIDDLE SCHOOL REPLACEMENT

This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is

NOT APPROVED FOR CONSTRUCTION

at this time and this signature does not provide or imply a water commitment.

LVWWD Permit #113482 6/20/07 DATE
Sub(21-1.05, 3.00-3.04)

ABBREVIATIONS:

&	AND	HPS	HIGH PRESSURE SODIUM
@	AT	ID	INSIDE DIAMETER
ø	DIAMETER OR ROUND	INV	INVERT
#	NUMBER	IRR	IRRIGATION
AC	ASPHALTIC CONCRETE	LAT	LATERAL
ACP	ASBESTOS CEMENT PIPE	LF	LINEAL FEET
ADJ	ADJUST	LP	LOW POINT
AGG	AGGREGATE	LS	LANDSCAPE
ALT	ALTERNATE	LT	LEFT
AVE	AVENUE	LVVWD	LAS VEGAS VALLEY WATER DISTRICT
BC	BACK OF CURB		
BCR	BEGINNING OF CURB RETURN	MAX	MAXIMUM
BDRY	BOUNDARY	MH	MANHOLE
BEG	BEGIN	MIN	MINIMUM
BM	BENCHMARK	ML	MATCHLINE
BSW	BACK OF SIDEWALK		
BTWN	BETWEEN	NG	NATURAL GRADE
BVC	BEGINNING OF VERTICAL CURVE	NO	NUMBER
		NDOT	NEVADA DEPARTMENT OF TRANSPORTATION
CATV	CABLE TV		
C & G	CURB AND GUTTER		
CIP	CAST IRON PIPE	OC	ON CENTER
CL	CENTERLINE	OD	OUTSIDE DIAMETER
CMP	CORRUGATED METAL PIPE	OHP	OVERHEAD POWER
CMU	CONCRETE MASONRY UNIT		
CO	CLEAN OUT	P	POWERLINE
CONC	CONCRETE	PB	PULL BOX
CONST	CONSTRUCT	PC	POINT OF CURVATURE
CBC	CITY OF BOULDER CITY	PCC	POINT OF COMPOUND CURVE
CLV	CITY OF LAS VEGAS	PE	POLYETHYLENE
CNLV	CITY OF NORTH LAS VEGAS	PI	POINT OF INTERSECTION
COH	CITY OF HENDERSON	PL	PROPERTY LINE
COM	CITY OF MESQUITE	POC	POINT OF CONNECTION
CO	CLARK COUNTY	PP	POWER POLE
CCAUSD	CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS	PRC	POINT OF REVERSE CURVE
		PROP	PROPOSED
CCSD	CLARK COUNTY SANITATION DISTRICT	PSI	POUNDS PER SQUARE INCH
		PT	POINT OF TANGENT
CCRFCD	CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT	PVC	POLY VINYL CHLORIDE PIPE
		PVI	POINT OF VERTICAL INTERSECTION
		PVMT	PAVEMENT
DC	DEPRESSED CURB	Q	RATE OF FLOW
DCSWCS	DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEM	R	RADIUS
		RCB	REINFORCED CONCRETE BOX
DI	DROP INLET	RCP	REINFORCED CONCRETE PIPE
DIA	DIAMETER	RD	ROAD
DIP	DUCTILE IRON PIPE	RR	RAILROAD
DMH	DROP MANHOLE	RT	RIGHT
DOM	DOMESTIC	ROW	RIGHT-OF-WAY
DWY	DRIVEWAY		
		SS	SANITARY SEWER
E	ELECTRIC	SD	STORM DRAIN
EAC	EDGE OF AC	SDWK	SIDEWALK
EC	END OF CURVE	SHT	SHEET
ECR	END OF CURB RETURN	SIM	SIMILAR
EOD	END DRIVEWAY	STA	STATION
EL	ELEVATION	ST	STREET
EM	ELECTRIC METER	STD	STANDARD
EOP	EDGE OF PAVEMENT		
ESMT	EASEMENT	T	TELEPHONE
EVC	END OF VERTICAL CURVE	TB	TOP OF BERM
EW	EACH WAY	TC	TOP OF CURB
EX	EXISTING	TF	TOP OF FOOTING
		TMH	TOP OF MANHOLE
FDC	FIRE DEPARTMENT CONNECTION	TRANS	TRANSITION
FF	FINISH FLOOR	TS	TRAFFIC SIGNAL
FG	FINISH GRADE	TSC	TRAFFIC SIGNAL CONDUIT
FH	FIRE HYDRANT	TW	TOP OF WALL
FL	FLOW LINE	TYP	TYPICAL
FOC	FACE OF CURB		
FS	FINISHED SURFACE	UDACS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS
FSR	FIRE SPRINKLER RISER		
G	GAS		
GALV	GALVANIZED	UG	UNDERGROUND
GB	GRADE BREAK	VC	VERTICAL CURVE
GPM	GALLONS PER MINUTE	VCP	VITRIFIED CLAY PIPE
GR	GRATE	VERT	VERTICAL
H	HIGH OR HEIGHT	VG	VALLEY GUTTER
HDPE	HIGH DENSITY POLYETHYLENE	VVWD	VIRGIN VALLEY WATER DISTRICT
HERCP	HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE	WL	WATER LINE
		WM	WATER METER
HOR	HORIZONTAL	W/	WITH
HP	HIGH POINT	W/O	WITHOUT

ESTIMATED QUANTITIES:

QUANTITIES SHOWN ARE PROVIDED FOR ENTITY PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ACTUAL QUANTITIES FOR BIDDING PURPOSES.

	ON-SITE IMPROVEMENTS		
1	EXCAVATION/BORROW	70,000	CY
2	6" STORM DRAIN PIPING	1,620	LF
3	8" STORM DRAIN PIPING	150	LF
4	18" STORM DRAIN PIPING	2,076	LF
5	24" STORM DRAIN PIPING	233	LF
6	30" STORM DRAIN PIPING	366	LF
7	36" STORM DRAIN PIPING	630	LF
8	FLOOR DRAIN	33	EA
9	8" SANITARY SEWER MAIN	1,632	LF
10	SANITARY SEWER LATERAL	392	LF
11	SEWER/STORM DRAIN MANHOLE	20	EA
12	SEWER CLEANOUTS	6	EA
13	4" WATER	500	LF
14	6" WATER	1,000	LF
15	8" WATER	1,720	LF
16	FIRE HYDRANT ASSEMBLY	5	EA
17	RPPA, TURBO METER & VAULT	2	LS
18	DETECTOR CHECK ASSEMBLY	2	EA
19	GATE VALVES/BENDS	12	EA
20	2.5" AC PAVEMENT	5,455	SY
21	3" AC PAVEMENT	6,244	SY
22	AGGREGATE BASE MATERIAL	6,300	CY
23	"L" TYPE CURB & GUTTER	1,261	LF
24	MODIFIED "L" TYPE CURB & GUTTER	1,282	LF
25	TYPE "A" CURB	2,048	LF
26	VALLEY GUTTER	1,500	LF
27	MOW CURB	2,500	LF
28	SIDEWALK/CORRIDOR/RAMPS	4,162	SY
29	PRECAST TRENCH DRAIN	590	LF
30	RETAINING WALL	2,400	SF
31	6' FENCING	3,699	LF
32	8' FENCING	560	LF
33	12' FENCING	840	LF
34	16' FENCING	105	LF
35	STRIPING	1	LS
36	TENNIS COURT SURFACING	29,600	SF
37	SIGNAGE/MARKINGS	1	LS
38	PRECAST BUMPERSTOPS	64	EA
39	CONC. FLUME	2	EA
40	STORM DRAIN OUTFALL	1	EA
41	DEMO BUILDINGS	1	LS
42	DEMO SIDEWALK	6,000	SF
43	ABANDON UTILITIES	1	LS
44	DEMO AC PAVEMENT	100,000	SF
	OFF-SITE IMPROVEMENTS		
1	CROSS GUTTER	4,200	SF
2	8" SANITARY SEWER MAIN	300	LF
3	48" SEWER MANHOLE	2	EA
4	8" WATER	1,000	LF
5	SIDEWALK UNDERDRAIN	3	EA
6	SAWCUT AND REMOVAL	1	LS
7	TRAFFIC SIGNS/MARKINGS	1	LS
8	POC WATER LINE	3	EA
10	4" AC PAVEMENT	7,600	SY
10	5" AC PAVEMENT	100	SY
11	AGGREGATE BASE MATERIAL	9,000	CY
12	SIDEWALK	1,992	SY
13	"L" TYPE CURB & GUTTER	3,420	LF
14	DEMO SIDEWALK	1,992	SY
15	DEMO "L" TYPE CURB & GUTTER	3,420	LF
16	DEMO AC PAVEMENT	14,800	SY

APPROVALS:

JORGE CERVANTES, P.E. #13977, P.T.O.E. — 6-28-07 DATE
CITY ENGINEER

APPROVAL OF THESE PLANS IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED RIGHT-OF-WAY AND/OR DEDICATED EASEMENTS. THIS APPROVAL DOES NOT AUTHORIZE THE CONSTRUCTION OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED STANDARDS AND/OR SPECIFICATIONS, EXCEPT THOSE SPECIFICALLY LISTED UNDER DEVIATIONS FROM STANDARD. THE ENGINEER SHALL RESOLVE ANY DEVIATION OTHER THAN THOSE LISTED DEVIATIONS FROM STANDARDS IN FAVOR OF THE UNIFORM STANDARDS DRAWINGS AND SPECIFICATIONS CLARK COUNTY AREA, NEVADA.

DOUG RAMSIN, AICP, PLANNING MANAGER — 6.28.07 DATE

THIS PLAN MEETS THE APPLICABLE STANDARDS OF THE PLANNING AND DEVELOPMENT DEPARTMENT.

CITY FIRE MARSHAL — 6.21.07 DATE

LAS VEGAS VALLEY WATER DISTRICT (SHTS. C1.00, C1.01, C3.00-C3.04) (C1.02-C1.05) PROJECT #113482 — 7-03-07 DATE

NEVADA POWER COMPANY — 06.25.07 DATE

NEVADA POWER COMPANY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NEVADA POWER COMPANY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS ONCE THE FINAL DESIGN IS COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.

SOUTHWEST GAS CORPORATION — 6/25/07 DATE

COX COMMUNICATIONS OF LAS VEGAS, INC. — 6-25-07 DATE

EMBARQ — 6.25.07 DATE

THE AFFIXED EMBARQ NEVADA APPROVAL DOES NOT ASSUME OR GUARANTEE LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICT WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUTES AND/OR PUBLIC UTILITY COMMISSION RULES AND REGULATIONS.

INDEX OF SHEETS:

1. COVER SHEET C1.00
2. NOTE SHEET C1.01
3. DEMOLITION PLAN C1.02
4. DEMOLITION PLAN C1.03
5. DEMOLITION PLAN C1.04
6. DEMOLITION PLAN C1.05
7. MASTER SITE PLAN C2.00
8. HORIZONTAL CONTROL C2.01
9. HORIZONTAL CONTROL C2.02
10. HORIZONTAL CONTROL C2.03
11. HORIZONTAL CONTROL C2.04
12. MASTER UTILITY PLAN C3.00
13. UTILITY PLAN C3.01
14. UTILITY PLAN C3.02
15. UTILITY PLAN C3.03
16. UTILITY PLAN C3.04
17. GRADING PLAN C4.00
18. GRADING PLAN C4.01
19. GRADING PLAN C4.02
20. GRADING PLAN C4.03
21. SUNRISE AVENUE PLAN & PROFILE C5.00
22. SUNRISE AVENUE PLAN & PROFILE C5.01
23. 28TH STREET PLAN & PROFILE C5.02
24. 28TH STREET PLAN & PROFILE C5.03
25. 28TH STREET PLAN & PROFILE C5.04
26. MASTER TRAFFIC CONTROL PLAN C6.00
27. SUNRISE AVENUE TRAFFIC CONTROL PLAN C6.01
28. 28TH STREET TRAFFIC CONTROL PLAN C6.02
29. STEWART AVENUE TRAFFIC CONTROL PLAN C6.03
30. SCHOOL FLASHING BEACON PLAN C6.04
31. SCHOOL FLASHING BEACON DETAILS C6.05
32. SUNRISE AVENUE STREET LIGHTING PLAN C6.06
33. 28TH STREET STREET LIGHTING PLAN C6.07
34. STEWART AVENUE STREET LIGHTING PLAN C6.08
35. SCHOOL WALKING ROUTES. C6.09
36. SCHOOL WALKING ROUTES. C6.10
37. SCHOOL WALKING ROUTES. C6.11
38. SCHOOL WALKING ROUTES. C6.12
39. SCHOOL WALKING ROUTES. C6.13
40. SCHOOL WALKING ROUTES. C6.14
41. SCHOOL WALKING ROUTES. C6.15
42. FIRE CONTROL PLAN C7.00
43. STORM WATER POLLUTION PREVENTION PLAN C8.00
44. DETAIL SHEET. C9.00
45. DETAIL SHEET. C9.01
46. DETAIL SHEET - TYPICAL SECTIONS C9.02
47. DETAIL SHEET. C9.03
48. RETAINING WALL PROFILE C10.00
49. RETAINING WALL PROFILE C10.01

DEVELOPER/OWNER:

CLARK COUNTY SCHOOL DISTRICT
4828 S. PEARL ST.
LAS VEGAS, NEVADA 89121
CONTACT RICHARD BROWN
PHONE (702) 799-7604
FAX (702) 799-7716

FIRE DEPARTMENT APPROVAL:

APPROVAL BY THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LVVWD.

GENERAL SHEET INFO:

BENCHMARK:

CITY OF LAS VEGAS BENCHMARK #2LV01 36W8, A RIVET & PLATE IN TOP OF CURB @ SE CORNER OF STEWART AND 28TH ST.

ELEVATION = 557.7395 METERS (NAVD 88)
ELEVATION = 1829.85 FEET (CALCULATED NAVD 88)

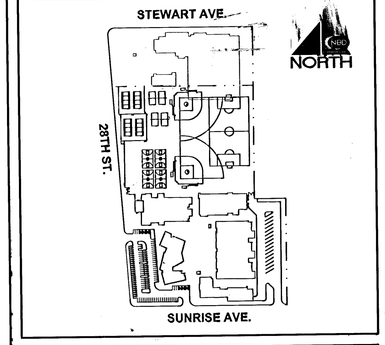
BASIS OF BEARINGS:

S88°30'14"E, BEING THE NORTH LINE OF THE SW 1/4 OF SECTION 36, TOWNSHIP 20 SOUTH RANGE 61 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA. RECORDED IN FILE 100 PAGE 50 OF PARCEL MAPS.

Avoid overhead power line contact. It's costly. Call before you OVERHEAD 1-702-227-2929

Avoid cutting underground utility lines. It's costly. Call before you Dig 1-800-227-2600 UNDERGROUND SERVICE (USA)

REV.	DESCRIPTION	SHT. #'S	DATE	BY
1	REVISED SITE PLAN TO REFLECT EX. BLDGS. TO REMAIN, ADDED CANOPIES, HORIZ. CONTROL & ADDED DWY. REVISED DEMO OF EXIST SITE	5,6,7,9,10 11,12,15,16 18,19,20,25 26,41,43,48	9/14/07	BP CLU LAND DEV
2	REMOVED SIDEWALK RAMP	7,8,11,13,15,22,23,24,26,48	12/18/07	BP
3	REVISED CANOPIES FOR CCSD DUE TO CONFLICT W/ EXISTING POWER POLE	22,23,24,25,26	2/1/08	BP CLU
4	REVISED TO BUILDING & ADDED NEW SD BUILDING & CLEAN	6,11,20,46,47		



DO NOT SCALE DRAWINGS

STATE OF NEVADA — CLAYTON L. NEILSEN — EXP. 12/31/07 — CIVIL — PROFESSIONAL ENGINEER — 14135

CCSD PROJECT NO. 0724-08
DESIGN PERSON: JAMIE MARQULIES
APPROVED BY:
DATE:

DATE: 01/15/2007
DRAWN BY: RGS
CHECKED BY: CLN
SUBMITTAL: BID
F.W. PROJECT NO.: WP-0553 / 05477

Nevada By Design
ENGINEERING CONSULTANTS
4828 S. Pearl St. Las Vegas, NV 89121
Phone (702) 436-3333 - Fax (702) 436-3330
www.nevadabydesign.com
NBD

WELLES · POGSLEY ARCHITECTS L.L.C.
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pH. 702.435.1150 fax. 702.435.7988 e-mail: wellespogsleyarchitect.com

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CCSD CLARK COUNTY SCHOOL DISTRICT
CONSTRUCTION MANAGEMENT
4828 PEARL STREET LAS VEGAS, NEVADA 89121

CLARK COUNTY SCHOOL DISTRICT
ROY MARTIN MIDDLE SCHOOL REPLACEMENT
28th STREET / SUNRISE AVENUE
COVER SHEET

SHEET NO. C1.00
SHEET 1 of 49
DRAWING NO. 715-3B #21350

LEGEND: CL OR SURVEY LINE; PROPERTY LINE; ROW LINE; EASEMENT LINE; SAWCUT LINE; SCARP LINE; HEAVY AC PVMT.; LIGHT AC PVMT.; CONC. PVMT.; MANHOLES & DESCRIPTIONS: SANITARY SEWER, STORM DRAIN, ELECTRICAL, TELEPHONE; CAP; DESCRIPTION: EXISTING / PROPOSED; BO VALVE; CLEAN OUT; FDC; FIRE HYDRANT; GATE VALVE; REDUCER; 100w HPS STREETLIGHT; 150w HPS STREETLIGHT; 200w HPS STREETLIGHT; 250w HPS STREETLIGHT; 400w HPS STREETLIGHT; 5' CONTOUR LINE; 1' CONTOUR LINE; EDGE OF PVMT.; "A" TYPE CURBS; "L" TYPE CURBS; WALLS; FENCES; SPOT ELEVATIONS; SIGNS

L:\NPW\CAD\PT\PROJECT-STANDARDS\AUTOCAD-BLOCKS\VICINITY MAPS\CLARK COUNTY MAP, 3-WPA-TEX.
XREF: L:\AUTOCAD\PROJECT-STANDARDS\AUTOCAD-BLOCKS\VICINITY MAPS\CLARK COUNTY MAP, 3-WPA-TEX.
16882 15961 14914 RCN 13028