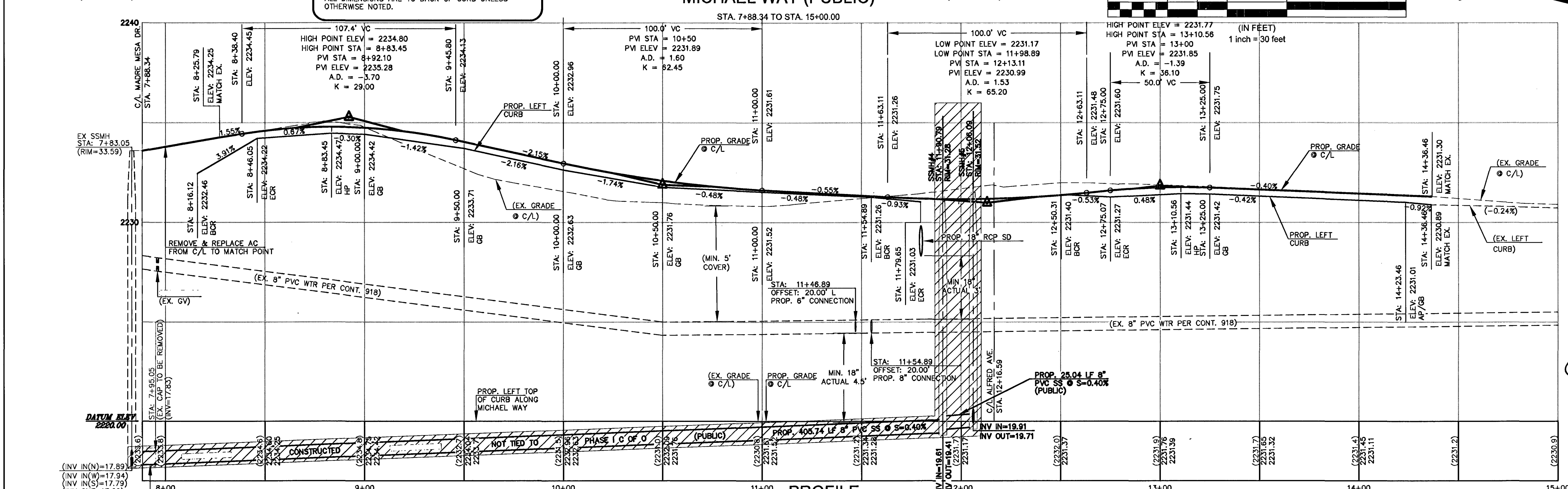
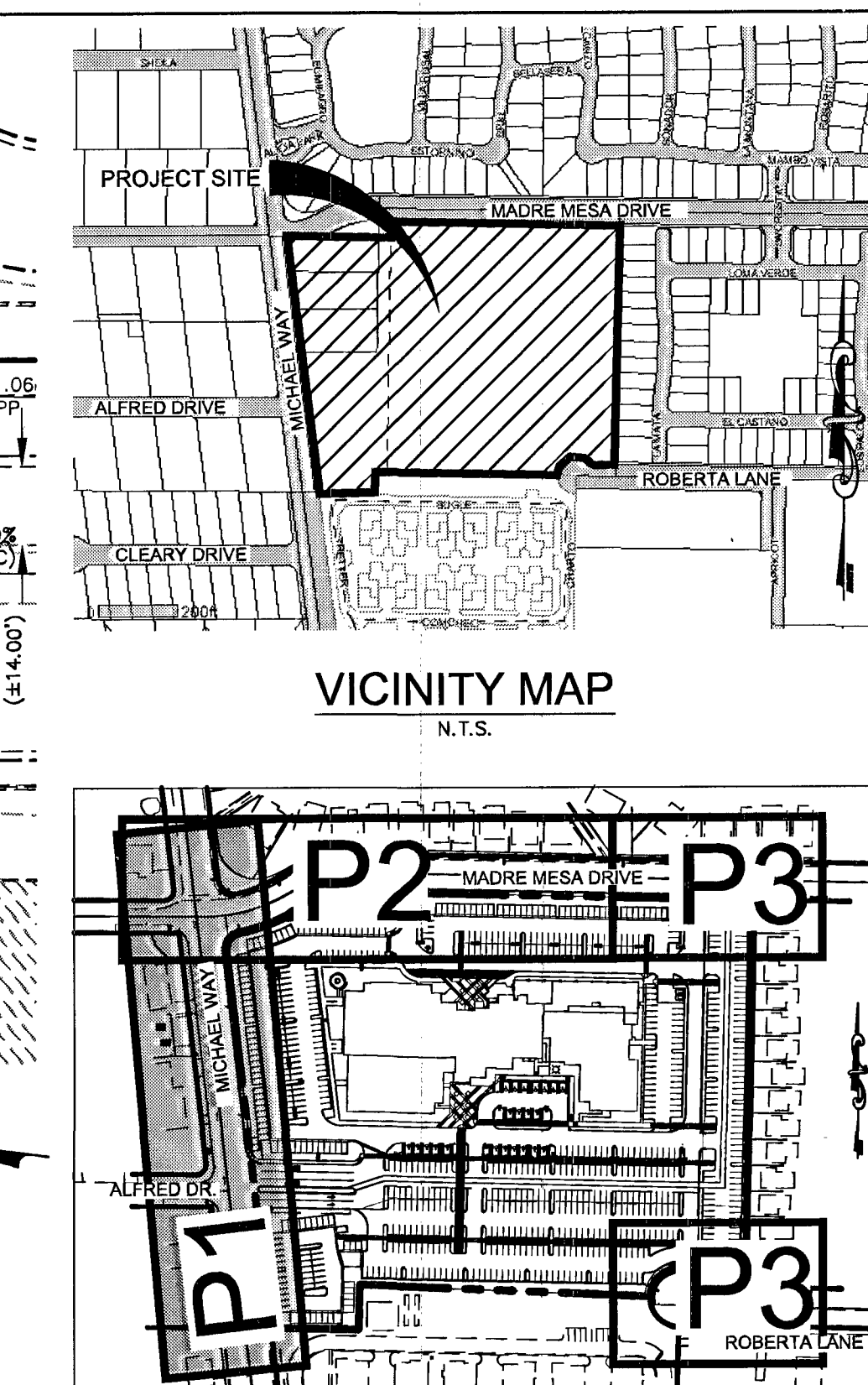




NO	CONSTRUCTION NOTES
	ITEM
1	CONSTRUCT "L" TYPE CURB AND GUTTER PER STD DWG NO. 216.
2	CONSTRUCT "A" TYPE CURB PER STD. DWG. NO. 219.
3	CONSTRUCT 8" CONCRETE CROSS GUTTER PER STD DWG NO 228
4	CONSTRUCT COMMERCIAL DRIVEWAY PER STD DWG NO 222A & 225
5	CONSTRUCT 4" SIDEWALK PER STD DWG NO. 234.
6	CONSTRUCT ADA RAMPS WITH ARMOR TILE TRUNCATED DOMES OR EQUIVALENT PER STD DWG NO 235, CASE 1
7	CONSTRUCT 2" WIDE SIDEWALK UNDERDRAIN PER STD DWG NO. 236
8	TRANSITION FROM 0" TO 6" CURB IN 10 FEET
9	TYPE I GRAVEL
10	TYPE II GRAVEL
11	CONSTRUCT 3.5" MIN AC OVER 8" TYPE II AB 
12	CONSTRUCT 8" WIDE CROSS GUTTER PER DETAIL 7 ON SHEET D1
13	CONSTRUCT 14" SLOPE GUTTER SIDEWALK WITH TOP CAP & TOP SMOOTH FACE WITH REINFORCING BLOCKS PER DETAIL 7 PER SEP. PERMIT BY OTHERS WITH ARCHITECTURAL PLANS FOR DETAILS
14	CONSTRUCT 2" MIN AC OVER 8" TYPE II AGG. BASE PER SOILS REPORT BY JA CESARE. SEE DETAIL 1 ON SHEET D1
15	CONSTRUCT 2.5" MIN AC OVER 8" TYPE II AGG. BASE PER SOILS REPORT BY JA CESARE. SEE DETAIL 2 ON SHEET D1
16	CONSTRUCT 3" WIDE VALLEY GUTTER PER DETAIL 3 ON SHEET D1
17	CONSTRUCT ON-SITE RAMP PER DETAIL 4 ON SHEET D1.
18	CONSTRUCT ON-SITE RAMP PER DETAIL 5 ON SHEET D1.
19	CONSTRUCT TRASH ENCLOSURE PER ARCHITECTURAL PLAN (BY OTHERS)
20	CONSTRUCT 0" CURB
21	CONSTRUCT HALF OF CUL-DE-SAC PER STD DWG NO. 212
22	SAWTOOTH AND MATCH EXISTING PAVEMENT.
23	CONSTRUCT 2" WIDE CONCRETE FLUME PER DETAIL 6 ON SHEET D1
24	CONSTRUCT RETAINING WALL (H MAX=3'4") PER SEP. PERMIT BY OTHERS
25	CONSTRUCT SCREEN WALL PER SEP. PERMIT BY OTHERS
SEWER CONSTRUCTION NOTES	
NO	ITEM
1	CONTRACTOR TO VERIFY INVERT PRIOR TO CONSTRUCTION & MODIFY MANHOLE INVERT FOR 8" SS
2	INSTALL 48" DIA. PRE-CAST SEWER MANHOLE PER SD-1A & SD-1B
3	INSTALL 8" DIA PVC SDR-35 SEWER MAIN
4	REMOVE EXISTING 10" SS TO EX. SSMH

FLOODZONE

THIS PROJECT IS LOCATED IN (NON-SHADED) FLOOD ZONE X PER FEMA FLOOD INSURANCE MAP NUMBER 32003C2155E, REVISED TO REFLECT LOMR DATED DECEMBER 31, 2003. FLOOD ZONE X IS DEFINED AS AN AREA BEING OUTSIDE THE 0.2% ANNUAL CHANCE FLOODING; OR AN AREA OF 1% ANNUAL CHANCE FLOODING WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE.

BENCHMARK

THE ELEVATION DATA SHOWN HEREON ARE U.S. SURVEY FEET REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, CLARK COUNTY VERTICAL CONTROL v.2003, BASED UPON BENCHMARK No. 75, STATION "SLVDO 1358" BEING A CITY OF LAS VEGAS PINN AND PLATE IN THE TOP CORNER AT THE NORTHWEST CORNER OF MICHAEL WAY AND CLEARLY COURT, NEAR THE PT OF MICHAEL WAY.

ELEVATION	679.849 METERS - PUBLISHED
ELEVATION	2,230.47 U.S. SURVEY FEET - COMPUTED

LEGAL DESCRIPTION

THAT PORTION OF THE NORTHWEST QUARTER (NW 1/4) OF THE
SOUTHEAST QUARTER (SE 1/4) OF SECTION 13, TOWNSHIP 20 SOUTH,
RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA,

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS RECORD OF SURVEY IS NORTH 06° 42' 12" WEST AS DEFINED BY THE MONUMENTS SHOWN HEREON, BEING THE NORTH-SOUTH CENTER SECTION LINE OF SECTION 13, TOWNSHIP 20 SOUTH, RANGE 60 EAST, MOUNT DIABLO MERIDIAN, CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, ESTABLISHED BY STRAIGHT LINE INTERSECTION BETWEEN OPPOSING ONE-QUARTER CORNERS PER FILE 02, PAGE 23 OF SURVEYS, SAME BEING THE CONTROL LINE OF MICHAEL WAY AS DERIVED BY FILE 02, PAGE 23 OF SURVEYS.

PROPERTY LINE LINE TABLE		
LINE	LENGTH	BEARING
L1	39.63	S01°27'20"W
L2	52.99	S87°37'05"E

BACK OF CURB LINE TABLE		
LINE	LENGTH	BEARING
L3	26.99	N88°36'13"W
L4	5.00	S01°14'26"W
L5	5.00	S01°28'18"W
L6	9.99	S88°44'13"E
L7	18.61	S88°41'12"E
L8	5.01	S70°21'54"E
L9	5.00	S01°21'54"E
L10	5.00	S01°18'48"W
L11	5.00	S01°18'48"W
L12	10.00	S86°55'51"E
L13	18.32	S87°37'05"E
L14	24.05	S87°37'05"E
L15	10.00	N06°53'37"W

CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	76.43	280.00	15°38'22"	38.45
C2	37.49	25.00	85°55'09"	23.28
C3	115.12	45.50	144°57'54"	144.15
C4	13.91	14.50	54°57'54"	7.54

BACK OF CURB CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C5	42.77	25.00	98°01'00"	28.77
C6	35.77	25.00	81°59'00"	21.73
C7	44.99	30.00	85°55'09"	27.94
C8	73.29	275.00	15°16'11"	36.86
C9	39.23	25.00	89°54'17"	24.98
C10	39.27	25.00	90°00'00"	25.00
C11	39.27	25.00	90°00'00"	25.00
C12	39.25	25.00	89°57'33"	24.98
C13	18.71	19.50	54°57'54"	10.14
C14	0.05	40.50	0°04'25"	0.03
C15	25.01	40.50	55°23'14"	12.92
C16	87.27	40.50	123°27'51"	75.32

ENGINEER'S NOTES

1. ALL WORK SHALL CONFORM TO THE SOILS REPORT PREPARED BY JA CESARE DATED OCTOBER 13, 2009, PROJECT NO. 091180, ADDENDUM DATED JUNE 22, 2010 & UPDATED DATE FEBRUARY 16, 2011.
2. ALL OFF-SITE IMPROVEMENT CONSTRUCTION SHALL CONFORM TO THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST EDITION. (IF APPLICABLE)
3. FINAL ASPHALTIC CONCRETE (AC) PAVEMENT SURFACES SHALL BE ONE-HALF INCH ABOVE THE TOP OF THE GUTTER (INCLUDING OPEN GRADE).
4. SEE ARCHITECTS PLANS FOR ALL HANDICAP ACCESSIBILITY INFORMATION, RAMP DETAILS, TRANSFORMERS, AND TRASH ENCLOSURE DETAILS, VERIFY BUILDING LAYOUTS AND DIMENSIONS WITH ARCHITECTURAL PLANS.
5. CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION.
6. SEE LANDSCAPE PLANS FOR LANDSCAPING AND ONSITE IRRIGATION.
7. THIS PLAN SHALL NOT, IN PART OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY ALL APPLICABLE GOVERNMENT AGENCIES.
8. ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY.
9. ALL MATCH ELEVATIONS SHOWN TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

LEGEND

	PROPERTY LINE
	STREET CENTERLINE
	PROPOSED RETAINING WALL
	PROPOSED BUILDING
	EXISTING CONTOUR
	PROPOSED CONTOUR
	PROPOSED CURB & GUTTER
	PROPOSED CURB
	EXISTING CURB & GUTTER
	EXISTING CURB
	CONSTRUCTION NOTE
	CUT FILL TRANSITION
	SAWCUT LIMITS
	SCARP
	SLOPE
	FLOW LINE
	EASEMENT LINE
	HANDICAP PARKING
FS	FINISHED SURFACE
CF	CURB FACE
TC	CURB BACK
EP	EDGE OF PAVEMENT
TG	TOP OF GRATE
	PROPOSED GRADE
	EXISTING GRADE
	NEW AC PAVEMENT
	PHASE II

STORM DRAIN CONSTRUCTION NOTES	
NO	ITEM
①	INSTALL 24" BEEHIVE INLET WITH CONCRETE APRON PER CC STD. DWG. NO. 418. SEE DETAIL 1 ON SHEET D-2.
②	INSTALL 18" CLASS III RCP STORM DRAIN PIPE
③	INSTALL 18" RCP END SECTION PER NDOT DETAIL R-2.3.1. SEE DETAIL 2 ON SHEET D-2.
④	INSTALL CLEAN OUT

	WATER CONSTRUCTION NOTES
NO	ITEM
①	WELTAP EXISTING 8" WATERLINE WITH 8"x8" MJ TAPPING SLEEVE FOR APP. PER UDACS PLATE 34 & 39. EXCAVATE PER UDACS PLATE 18 & 19.
②	INSTALL FIRE HYDRANT AND 6" GATE VALVE PER UDACS PLATES 40

	CONSTRUCTION NOTES
NO	ITEM
30	CONSTRUCT 3.5" MIN AC OVER EXISTING 8" MIN. TYPE II AGG. BASE PER LETTER BY JA CESAR# DATED 4/28/11.

**CLARK COUNTY DEPARTMENT
OF PUBLIC WORKS**

ACCEPTANCE OF PLANS FOR FILING BY

Greg Smith 3-25-11

ACCEPTANCE OF THESE PLANS FOR FILING 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 AND/OR SPECIFICATIONS. CLARK COUNTY SHALL BE HELD FREE FROM DAMAGES WHICH MAY RESULT FROM CONSTRUCTION OF THE IMPROVEMENTS FROM THE ENGINEERING DESIGN DEPICTED HEREIN.

NOTE: POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN PROPOSED LOCATION BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO THE CLARK COUNTY.

NOTE

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS SHOWN AND TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DISTURBED, DESTROYED, OR OBTSCURED DURING CONSTRUCTION.

APPROVED FOR CONSTRUCTION

Don Gregory

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES, MANASSAS, VA
PROJECT NO. 118388 DATE: 03/12/04

CLV DRAWING NO. 103745/04