



	STORM DRAIN CONSTRUCTION NOTES
NO	ITEM
1	INSTALL 24" BEEHIVE INLET WITH CONCRETE APRON PER CC STD. DWG. NO. 416. SEE DETAIL 1 ON SHEET D2.
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 D2.
4	INSTALL CLEAN OUT



NOTE

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

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE
APPROVED DRAINAGE STUDY ON FILE WITH CITY OF LAS VEGAS FOR THE
PROJECT, CLV# DS4380, 2-16-11
TREASEA WOLF, P.E. No. 17879 DATE

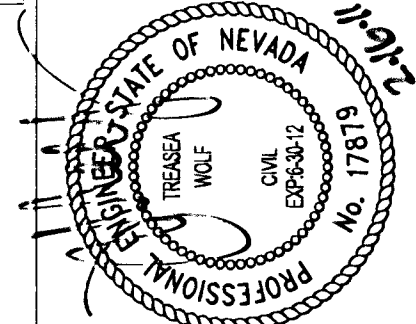
ACCEPTANCE OF PLANS FOR FILING BY
Joe Bush 3-27-71

ACCEPTANCE OF THESE PLANS FOR FILING SHALL NOT BE CONSTRUED
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 RES-
ULT FROM CONSTRUCTION OF THE IMPROVEMENTS FROM THE ENGINEERING
DESIGN DEPICTED HEREIN.

NOTE: POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN PRO-
PORTION LOCATED WITHIN THE PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE
RELOCATED AT NO EXPENSE TO THE CLARK COUNTY.

meeting your land development needs

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



REVISIONS		APPROVAL
DATE	REV DESCRIPTION OF REVISION	DATE INITIALS

PHASE I GRADING PLAN
SHEET 2 OF 3
PHASE I

CC HTE: 10-10763
SUBMITTAL NO. FINAL
DATE: FEBRUARY 16, 2011
WE PROJECT NO.
1167.00
AGENCY NO.
CLV:37715
SHEET NO.:
GP2
 25 OF 27 SHEETS

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.

THE ELEVATION DATA SHOWN HEREON ARE U.S. SURVEY FEET REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, CLARK COUNTY VERTICAL CONTROL v2003, BASED UPON BENCHMARK No. 75, STATION "SLVUD 1356" BEING A CITY OF LAS VEGAS PIN AND PLATE IN THE TOP OF CURB 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

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.

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 A STRAIGHT LINE INTERSECTION BETWEEN THE OPPOSITE CORNERS PER FILE 02, PAGE 23 OF SURVEYS, SAME BEING THE CONTROL LINE OF MICHAEL WAY AS DERIVED BY FILE 02, PAGE 13 OF SURVEYS.

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

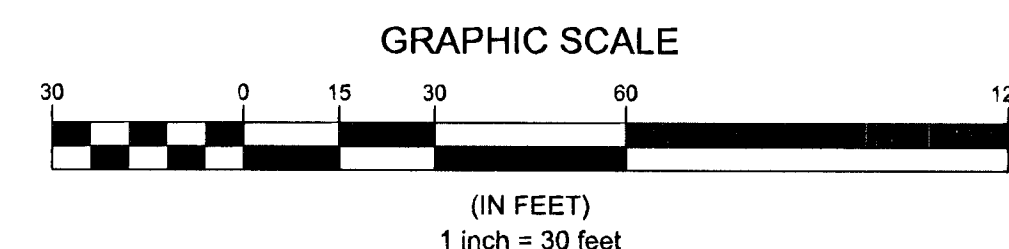
BACK OF CURB LINE TABLE		
LINE	LENGTH	BEARING
L3	26.99	N88°36'13"W
L4	5.00	S01°14'26"W
L5	5.00	S01°28'18"W
L6	9.99	S88°44'13"E
L7	18.61	S88°41'12"E
L8	5.01	S70°21'54"E
L9	5.00	S70°21'54"E
L10	5.00	S01°18'48"W
L11	5.00	S01°18'48"W
L12	10.00	S86°55'51"E
L13	18.32	S87°37'09"E
L14	24.05	S87°37'09"E
L15	10.00	N06°53'37"W

PROPERTY LINE CURVE TABLE				
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

CURVE CURB CURB TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C5	42.77	25.00	98°01'00"	28.73
C6	35.77	25.00	81°59'00"	21.73
C7	44.99	30.00	85°55'00"	27.94
C8	73.29	275.00	15°16'31"	36.86
C9	39.23	25.00	89°54'17"	24.96
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°53'54"	10.14
C14	0.05	40.50	00°4'25"	0.03
C15	25.01	40.50	35°23'14"	12.92
C16	87.27	40.50	123°22'51"	75.30

1. ALL WORK SHALL CONFORM TO THE SOILS REPORT PREPARED BY JACCESARE DATED OCTOBER 13, 2009, PROJECT NO. 09.1180, 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 AND CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, LATEST EDITION, (IF APPLICABLE).
3. FINAL ASPHALTIC CONCRETE (AC) PAVEMENT SURFACES SHALL BE ONE INCH (1") ABOVE THE TOP OF THE GUTTER (INCLUDING OPEN GRADE).
4. SEE ARCHITECT'S 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.

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



CLV DRAWING NO. 107V 5608 -