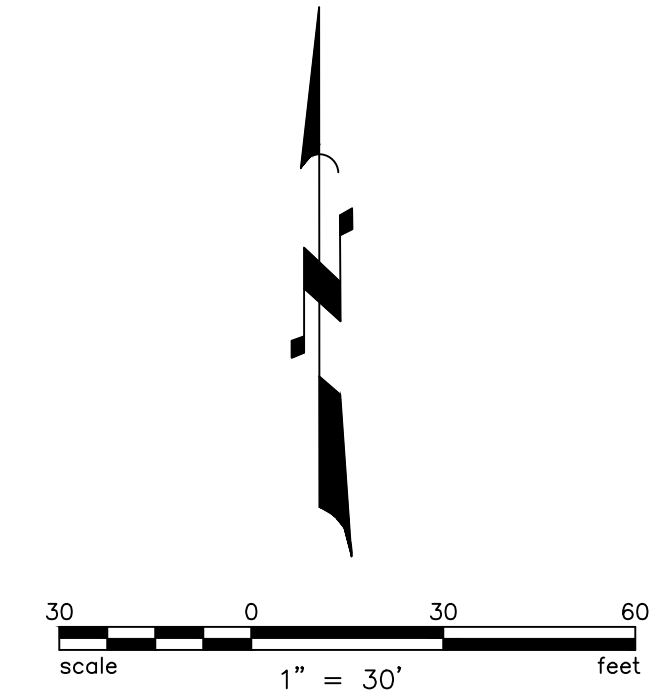


PAVING CONSTRUCTION NOTES	
1	CONSTRUCT ASPHALT PAVEMENT.
2	CONSTRUCT 6" SINGLE CURB PER M.A.G. STD. DTL. 222, TYPE "A"
3	CONSTRUCT 4" ROLL CURB PER M.A.G. STD. DTL. 220-1 TYPE C
4	CONSTRUCT 5' WIDE SIDEWALK PER M.A.G. STD. DTL. 230
5	CONSTRUCT DUMPSTER ENCLOSURE PER ARCHITECTURAL PLANS.
6	CONSTRUCT DRIVEWAY ENTRANCE PER C.O.G. STD. DTL. G-454 & G-458.
7	CATCH BASIN TYPE F PER M.A.G. STD. DTL. 535
8	10' UNDERGROUND RETENTION
9	INSTALL 12" HDPE STORM DRAIN PIPE



	SECTION LINE
	MONUMENT LINE
	PROPERTY LINE
	OTHERS PROPERTY
	EXISTING EASEMENT
	FENCING
	BLOCK WALL
	CONCRETE
	BRASS CAP IN HANDHOLE
	BRASS CAP (AS NOTED)
	DOWN GUY WIRE
	FIRE HYDRANT
	GATE
	JUNCTION BOX
	SET 1/2" REBAR PIN WITH CAP
	RLS 42017 (UNLESS OTHERWISE NOTED)
	SEWER MANHOLE
	STREET SIGN
	UTILITY POLE
<i>MCR</i>	MARICOPA COUNTY RECORDER
<i>(M)</i>	MEASURED BEARINGS/DISTANCES
<i>(R#)</i>	RECORDED BEARINGS/DISTANCES

PROPERTY IS LOCATED WITHIN AN AREA HAVING A ZONE
"X" SHADED DESIGNATION BY THE SECRETARY OF HOUSING
AND URBAN DEVELOPMENT ON FLOOD INSURANCE RATE
MAP NO. 04013C2290M WITH A DATE IDENTIFICATION OF
NOVEMBER 04, 2015, COMMUNITY 040048 (CITY OF MESA).

ZONE "X" SHADED IS LABELED AS: 0.2% ANNUAL CHANCE
FLOOD HAZARD, AREAS OF 1% ANNUAL CHANCE FLOOD
WITH AVERAGE DEPTH LESS THAN ONE FOOT OR WITH
DRAINAGE AREAS OF LESS THAN ONE SQUARE MILE.

$Vr = A(P/12)(C)$
 WHERE: Vr = CALCULATED VOLUME REQUIRED
 A = DRAINAGE AREA
 P = INCHES OF RAIN FOR A 100-YR, 2-HR STORM
 = 2.20" DRAINAGE MANUAL FOR CITY OF MESA ENGINEERING AND DESIGN STANDARDS
 C = RUNOFF COEFFICIENT = 0.80 FOR MULTI-FAM DEVELOPMENT; 0.95 ASPHALT PAVEMENT

DRAINAGE AREA DESCRIPTION	ACRES	P (IN.)	C VALUE	CALCULATED V _r	VOL PROVIDED AS SHOWN ON PLAN	VOL PROVIDED AS SHOWN ON PLAN
OFFSITE AREA	1.37	2.20	0.95	10,394 CF	STORMTECH	
ONSITE AREA	4.59	2.20	0.80	29,325 CF	STORMTECH	
TOTAL	5.96 AC			39,718 CF		43,429 CF

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PROJECT: PRELIMINARY GRADING AND DRAINAGE PLAN

VILLAS ON MAIN
6147 E. MAIN ST., MESA, AZ 85205

3707 EAST SOUTHERN AVENUE
MESA, ARIZONA, 85206
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