

DWG: F:\Projects\015-3345\40-Design\AutoCAD\Preliminary Plans\Sheets\C_COV_53345.dwg
DATE: Jun 08, 2016 6:17pm
USER: mdoresten
C:\MDL_P\BASE_53345
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GENERAL NOTES

1. PROJECT GROSS SITE AREA IS 452,662 SQUARE FEET, OR 10.39 ACRES.
2. PROJECT NET SITE AREA IS 373,522 SQUARE FEET, OR 8.57 ACRES (AFTER RIGHT-OF-WAY DEDICATIONS).
3. ASSESSORS PARCEL #S: 218-06-141B, 218-06-141C, 218-06-141D, AND 218-07-005Q
4. THIS PROJECT IS SUBJECT TO A REZONING FROM RS-43/LC TO RM-3.
5. FLOOD ZONE= ZONE X. AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD. PANEL # 04013C2285L AND 0413C2295L, DATED OCTOBER 16, 2013.
5. THIS PROJECT REQUIRES A FINAL PLAT TO DEVELOP THE PROPERTY AND MUST BE APPROVED PRIOR TO THE ISSUANCE OF ANY BUILDING PERMITS.

LEGAL DESCRIPTION (TOTAL SUBJECT PROPERTY)

THE SOUTH 495 FEET OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 9, TOWNSHIP 1 NORTH, RANGE 7 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN; EXCEPT THE EAST 455 FEET THEREOF.

TOGETHER WITH ALL THAT PART OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 16, TOWNSHIP 1 NORTH, RANGE 7 EAST OF THE GILA AND SALT RIVER MERIDIAN LYING NORTH OF THE CENTERLINE DESCRIBED IN DOCKET 11796, PAGE 263, RECORDS OF MARICOPA COUNTY, ARIZONA.

BASIS OF BEARING

N0°00'00"E ALONG THE EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 9, TOWNSHIP 1 NORTH, RANGE 7 EAST OF THE GILA AND SALT RIVER MERIDIAN, AS MEASURED BETWEEN A BRASS CAP IN HAND HOLE AT THE SOUTHEAST CORNER OF SAID SECTION 9, AND A BRASS CAP IN HAND HOLE AT THE EAST QUARTER CORNER OF SAID SECTION 9, USING GLOBAL POSITIONING SYSTEMS.

BASIS OF ELEVATION

A BRASS TAG, ON TOP OF CURB, LOCATED ON THE NORTHEAST CORNER OF ELLSWORTH RD AND BROWN RD. 2012 CITY OF MESA BENCHMARKS.
NAVD 88' ELEVATION = 1632.025'

ZONING TABLE	
EXISTING ZONING	RS-43-AND LC
PROPOSED ZONING	RM-2-PAD
NET SITE AREA (AFTER ROW DEDICATIONS)	373,522 SF
TOTAL BUILDING GROSS FLOOR AREA	CASITA 1= 3,448 SF CASITA 2= 3,448 SF CASITA 3= 3,448 SF MAIN BUILDING= 96,800 SF TOTAL= 107,144 SF
MINIMUM LOT AREA	REQUIRED= 7,200 SF PROPOSED= 373,522 SF
MINIMUM LOT WIDTH (MULTIPLE-FAMILY RESIDENTIAL)	REQUIRED= 60' PROPOSED= 878'
MINIMUM LOT DEPTH (MULTIPLE-FAMILY RESIDENTIAL)	REQUIRED= 94' PROPOSED= 405'
MAXIMUM DENSITY (DWELLING UNITS/NET ACRE)	REQUIRED= 15 PROVIDED= *20.19 (173 UNITS/8.57 ACRES)
MINIMUM LOT AREA PER DWELLING UNIT (SF)	REQUIRED= 2,904 SF PROVIDED= 373,522 SF (1 LOT)
MAXIMUM HEIGHT	REQUIRED= 30' MAX. PROVIDED= 30' MAX. (BLDG ROOF LINE)
FRONT YARD SETBACK (STREET FACING SIDE)	REQUIRED= 20' MIN. (4-LANE ARTERIAL) PROVIDED= *15'
INTERIOR SIDE AND REAR YARD SETBACK (3 OR MORE UNITS ON LOT)	N/A (NO INTERIOR LOTS CREATED)
MINIMUM SEPARATION BETWEEN BUILDINGS ON SAME LOT	REQUIRED= 25' MIN. (ONE-STORY) PROVIDED= 53' REQUIRED= 30' MIN (TWO-STORY) PROVIDED= 96'
MAXIMUM BUILDING COVERAGE (% OF LOT)	REQUIRED= 45% MAX. PROVIDED= 28.68%
MINIMUM OPEN SPACE (SQ/UNIT)	REQUIRED= 34,600 SF TOTAL (200 SF x 173 UNITS) PROVIDED= 99,063 SF (LANDSCAPE AREA)
ADA PARKING SPACES (INCLUDED IN TOTAL PARKING)	REQUIRED= 5 SPACES (2 VAN ACCESSIBLE) PROVIDED= 5 SPACES (2 VAN ACCESSIBLE)
PARKING SPACES	REQUIRED= 168 SPACES PROVIDED= *144 SPACES
BICYCLE PARKING SPACES	REQUIRED= 14 SPACES (1 SPACE/10 VEHICLE SPACES) PROVIDED= *0 SPACES
TRASH/RECYCLE ENCLOSURES	REQUIRED= 4 TRASH/ 2 RECYCLE PROVIDED= 4 TRASH/ 2 RECYCLE

* TO BE MODIFIED WITH SITE REZONING RM-2-PAD.

PRELIMINARY IMPROVEMENT PLAN FOR
MESA SENIOR LIVING- SPECTRUM RETIREMENT

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 9, TOWNSHIP 1 NORTH, RANGE 7
EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA



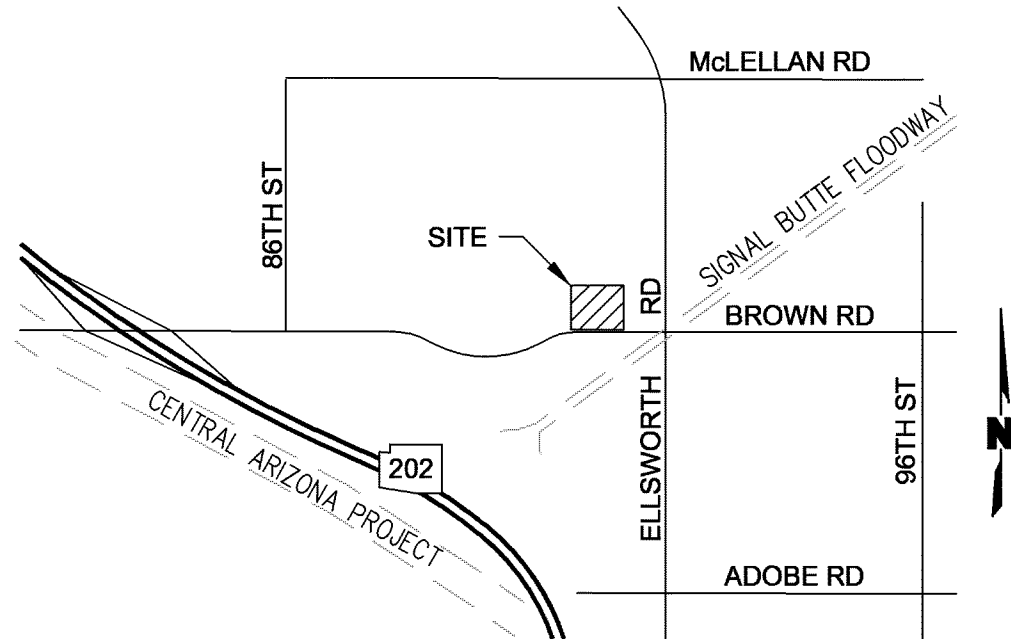
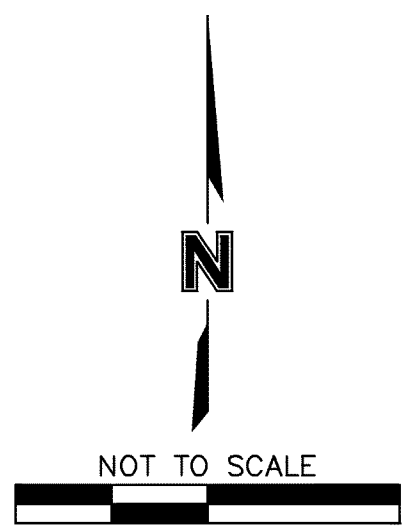
PROJECT LOCATION MAP

UTILITY/SERVICE TABLE

WATER:	CITY OF MESA WATER RESOURCES PO BOX 1466 MESA, AZ 85211 (480) 644-4444
SEWER:	CITY OF MESA WATER RESOURCES PO BOX 1466 MESA, AZ 85211 (480) 644-4444
ELECTRIC:	CITY OF MESA ENERGY RESOURCES PO BOX 1466 MESA, AZ 85211 (480) 644-2266
NATURAL GAS:	CITY OF MESA ENERGY RESOURCES PO BOX 1466 MESA, AZ 85211 (480) 644-4277
TELEPHONE:	CENTURY LINK (480) 254-0127
CATV:	COX COMMUNICATIONS (623) 328-3554
FIRE PREVENTION:	CITY OF MESA FIRE PREVENTION PO BOX 1466 MESA, AZ 85211 (480) 644-2622

LEGEND

---	JURISDICTIONAL BOUNDARY	ESMT =	EASEMENT
---	EXISTING PROPERTY LINE	SB =	SETBACK
---	PROPOSED EASEMENT	ME =	MATCH EXISTING
---	PROPOSED SETBACK	R =	RADIUS
---	RIGHT OF WAY	S/W =	SIDEWALK
---	SUBJECT PROPERTY LINE	PUE =	PUBLIC UTILITY EASEMENT
4"W	PROPOSED WATER LINE WITH SIZE	#	PARKING COUNT
6"SS	PROPOSED SEWER LINE WITH SIZE	□	WATER METER/BACKFLOW PREVENTER
---	PROPOSED STORM SEWER	□	FIRE HYDRANT
---	EXISTING GAS LINE	○	WATER VALVE
---	EXISTING WATER LINE	○	MANHOLE
SS	EXISTING SANITARY SEWER	□	CATCH BASIN INLET
		□	CATCH BASIN CURB INLET
		□	SIGHT LIGHTING



VICINITY MAP
NTS

OWNER/DEVELOPER

SPECTRUM RETIREMENT
COMMUNITIES, LLC
200 SPRUCE STREET, STE 200
DENVER, CO 80230
PH: (303) 360-8812
FAX: (303) 360-8814
ATTN: MIKE LONGFELLOW

ARCHITECT

GASTINGER WALKER&
817 WYANDOTTE
KANSAS CITY, MO 64105
PH: (816) 421-8200
FAX: (816) 421-1262
ATTN: LAURA SCOTT

SURVEYOR

OLSSON ASSOCIATES
7250 NORTH 16TH STREET,
STE 210
PHOENIX, ARIZONA 85020
PH: (602) 748-1000
FAX: (602) 748-1001
ATTN: REECE HENRY

CIVIL ENGINEER

OLSSON ASSOCIATES
7250 NORTH 16TH STREET, STE
210
PHOENIX, ARIZONA 85020
PH: (602) 748-1000
FAX: (602) 748-1001
CONTACT: PIM VAN DER GIESSEN

LANDSCAPE
ARCHITECT

OLSSON ASSOCIATES
7250 NORTH 16TH STREET,
STE 210
PHOENIX, ARIZONA 85020
PH: (602) 748-1000
FAX: (602) 748-1001
ATTN: KIMBERLY KELSKI

SHEET INDEX

SHEET NAME	SHEET NO.
COVER SHEET	C001
PRELIMINARY SITE PLAN	C101
PRELIMINARY GRADING PLAN	C102
PRELIMINARY UTILITY PLAN	C103
DETAILS	C104
PRELIMINARY LANDSCAPE PLANS	L101
NATIVE PLANT PRESERVATION PLAN	L201
SITE LIGHTING PHOTOMETRIC PLAN	SL1.1
SITE LIGHTING SCHEDULES AND CUTSHEETS	SL2.1

SIGHT VISIBILITY TRIANGLES
(NEW DRIVE)

$$L = \frac{15 \times SD}{15 + a} = 353.77 \text{ (USE 355)}$$

WHERE a = 11.5' (PER FIGURE A)
WHERE SD = 625' (SIGHT DISTANCE)

$$R = \frac{15 \times SD}{15 + f} = 163.04 \text{ (USE 165)}$$

WHERE f = 42.5'
WHERE SD = 625' (SIGHT DISTANCE)



REVISIONS DESCRIPTION	DATE	REV. NO.	PRELIMINARY IMPROVEMENT PLAN COVER SHEET	MESA SENIOR LIVING- SPECTRUM RETIREMENT MESA, ARIZONA- BROWN RD & ELLSWORTH RD	2016
				MESA, ARIZONA	

drawn by: SUV

designed by: BLV

checked by: BLV

project no.: 015-3345

date: 06.08.16

SHEET C001

1 of 9

NOTE:
DIMENSIONS SHOWN ARE
TO FACE OF CURB UNLESS
OTHERWISE NOTED.

SITE PLAN KEYNOTES

1. PROP. SCREEN WALL
2. PROP. 6" CURB & GUTTER
3. PROP. ADA PARKING SPACES
4. PROP. ACCESS RAMP
5. PROP. DOUBLE WIDE SOLID WASTE / RECYCLING CONTAINER LOCATION
6. PROP. COVERED PARKING
7. PROP. CONCRETE SIDEWALK (WIDTH PER PLAN)
8. PROPOSED PORTE-COCHERE
9. PROP. RETAINING WALL
10. PROP. FIRE LANE PATH
11. PROP. 10" DIA. UNDERGROUND DETENTION PIPE
12. PROP. LIGHT
13. PROP. VISIBILITY TRIANGLE
14. PROP. PARKING (STALLS ARE 9' X 18')
15. PROP. OUTFLOW LIFT STATION (FOR UNDERGROUND DETENTION TANKS)
16. PROP. CURB FLUSH TO PAVEMENT
17. PROP. PAVEMENT
18. PROP. MONUMENT SIGN
19. PROPERTY CONSOLIDATION (REMOVAL OF EX. INTERIOR BOUNDARY LINE)
20. PROP. RAMADA
21. PROP. DRIVEWAY PER MESA STD. DTL M-42
22. PROP. FIRE HYDRANT
23. PROP. FLAG POLE
24. PROP. WATER VAULTS
25. PROP. DOUBLE WIDE RECYCLING CONTAINER LOCATION
26. PROP. OFFSITE DRAINAGE SWALE
27. PROP. EXTRUDED CURB

EXISTING KEYNOTES

- A. EXISTING FIRE HYDRANT
- B. EXISTING TRAFFIC SIGN
- C. EXISTING STREET LIGHT
- D. EXISTING DRIVEWAY TO REMAIN
- E. EXISTING DRIVE TO BE REMOVED

APN 218-06-003N
ZONING: RS-9

APN 218-07-005Q
ZONING: RS-43

APN 218-06-104
ZONING: RS-9

APN 218-06-141B
ZONING: RS-43

FALCON RIDGE
ZONING: RS-6

SUNRISE HEIGHTS
MCR 15341
ZONING: R1-6

APN 218-06-141C
ZONING: LC

BROWN ROAD

BUILDING 1
GFA 96,800 SF, 167 UNITS
HT=30', 2 STORY
FFE 1630.00

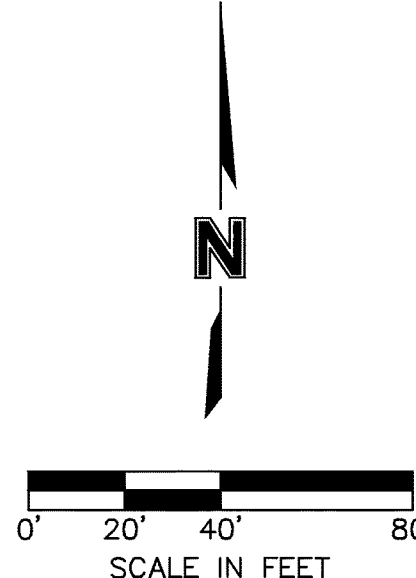
APN 218-06-140B
ZONING: LC

APN 218-06-140D
ZONING: LC

APN 218-06-141D
ZONING: LC

APN 218-07-001P
O-S

EXISTING
CVS
BUILDING



NOTE

ALL DIMENSIONS ARE TO FACE OF CURB
UNLESS OTHERWISE NOTED.



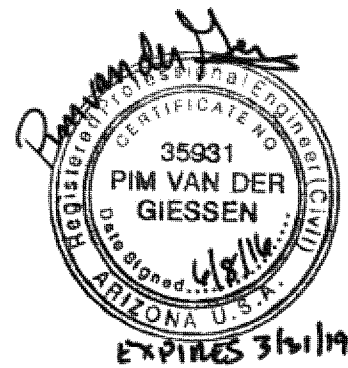
PRELIMINARY SITE PLAN

MESA SENIOR LIVING- SPECTRUM RETIREMENT
MESA, ARIZONA- BROWN RD & ELLSWORTH RD
MESA, ARIZONA

REVISIONS

REV. NO.	DATE	REVISIONS DESCRIPTION

2016

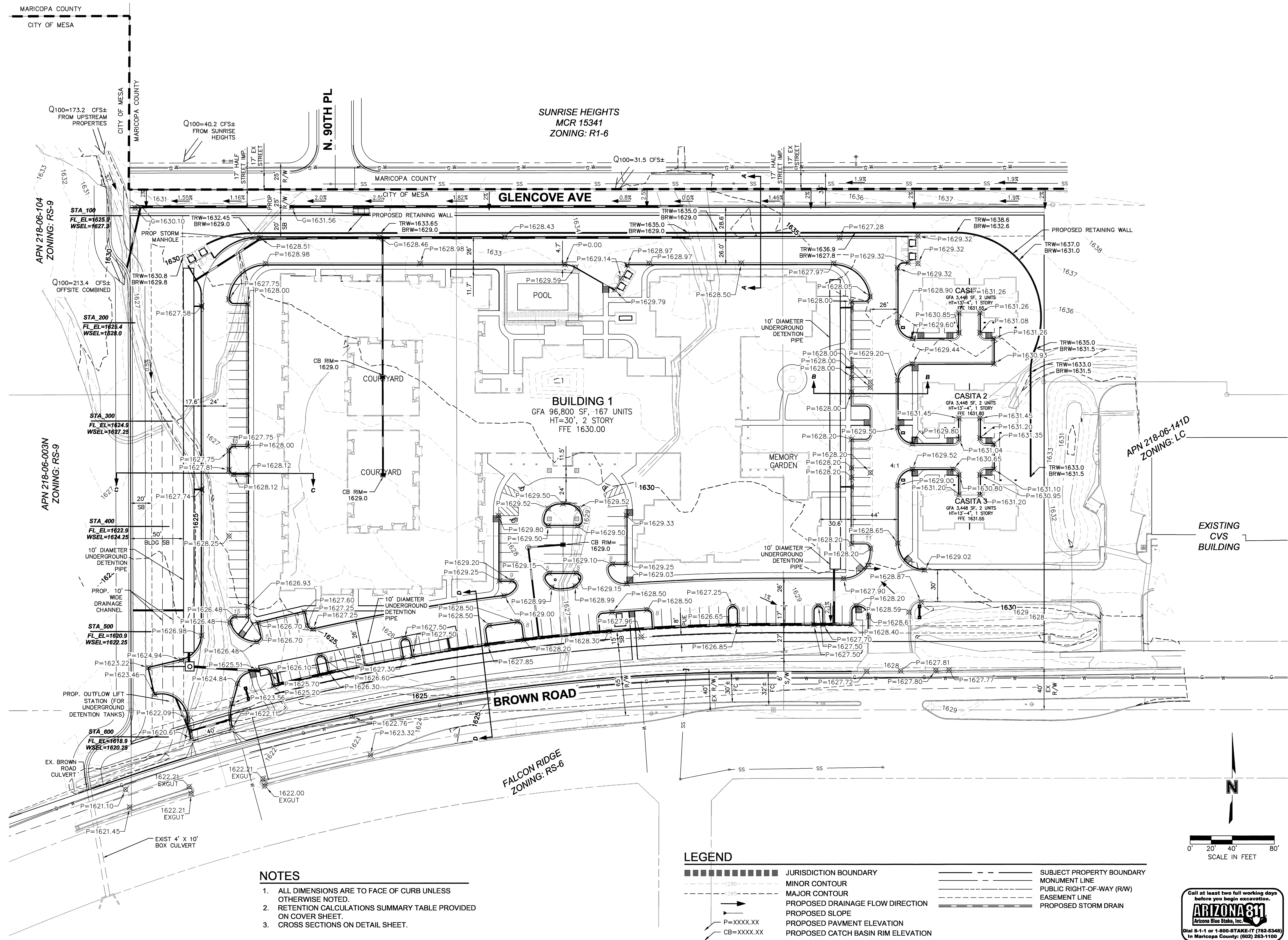


OLSSON
ASSOCIATES

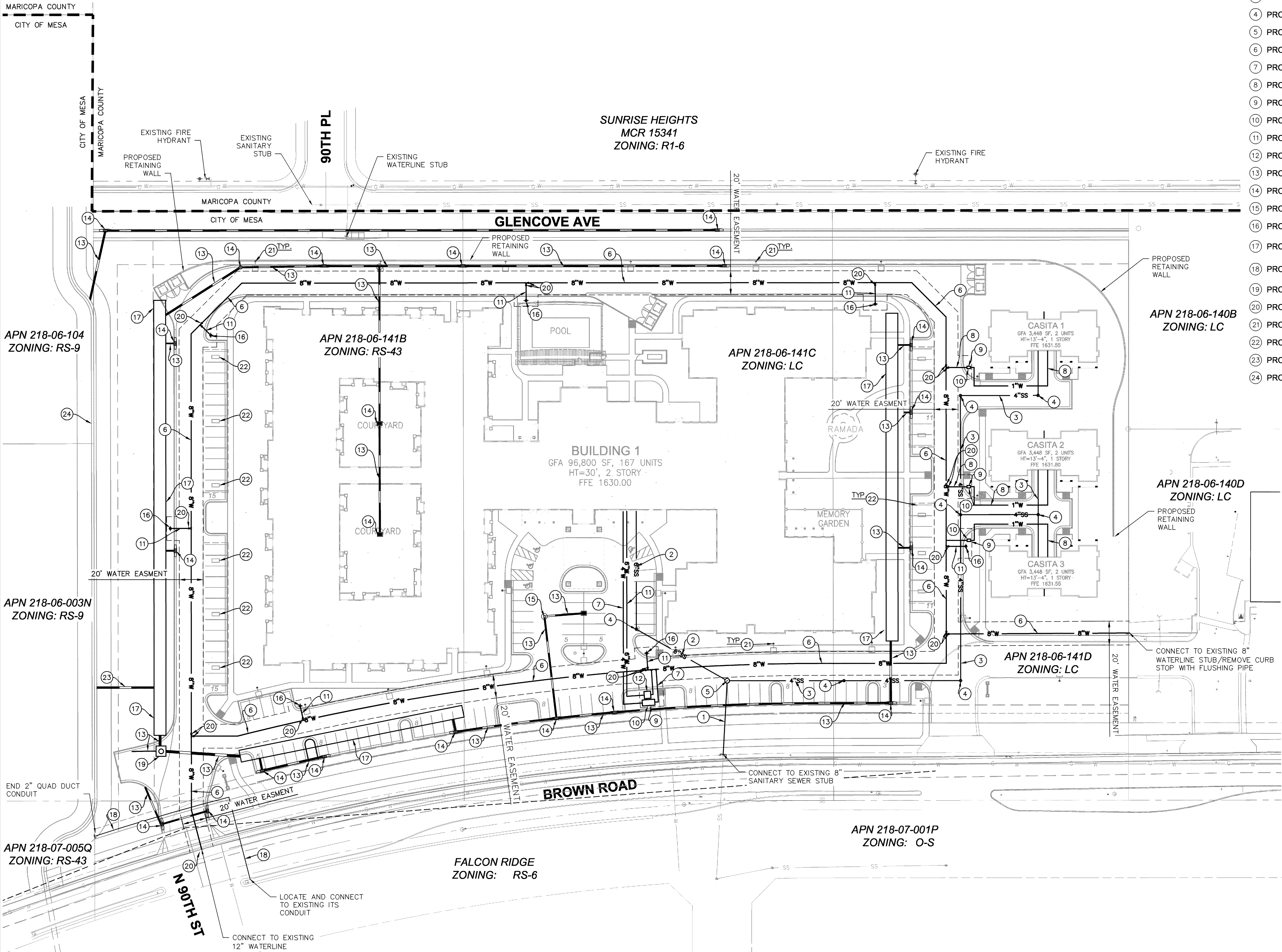
7250 North 16th Street, Suite 210
Phoenix, AZ 85020-5292
TEL 602.748.1000
FAX 602.748.1001
www.olssonassociates.com

drawn by: SJV
designed by: SJV
checked by: 015-3345
project no.:
date: 06.08.16

SHEET C101
2 of 9

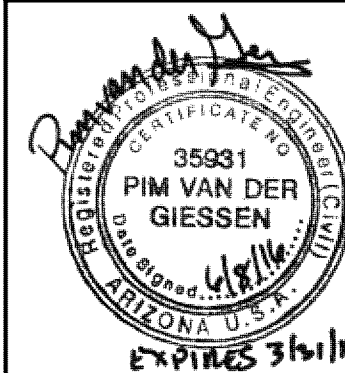
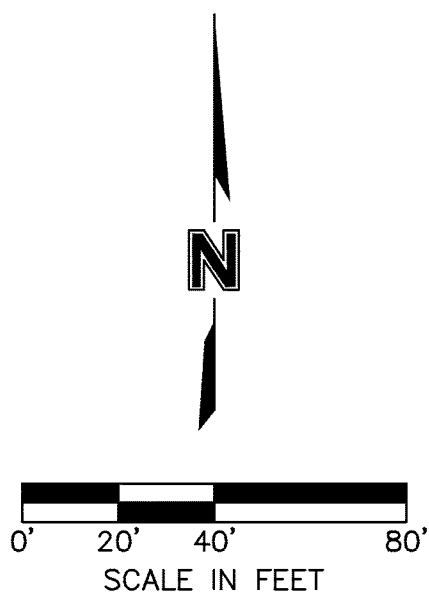


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CMLD_PBASE_53345
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C-ARCH



KEYNOTES

- 1 PROP. 8" SANITARY SEWER
- 2 PROP. 6" SANITARY SERVICE
- 3 PROP. 4" SANITARY SERVICE
- 4 PROP. SANITARY SEWER CLEANOUT
- 5 PROP. SANITARY SEWER MANHOLE
- 6 PROP. 8" WATER LINE
- 7 PROP. 4" WATER LINE
- 8 PROP. 1" WATER LINE
- 9 PROP. WATER METER LOCATION
- 10 PROP. DOMESTIC WATER BACKFLOW PREVENTER
- 11 PROP. 6" FIRE LINE
- 12 PROP. FIRE LINE BACKFLOW PREVENTER
- 13 PROP. STORM DRAIN PIPE
- 14 PROP. STORM DRAIN CATCH BASIN
- 15 PROP. STORM DRAIN MANHOLE
- 16 PROP. FIRE HYDRANT
- 17 PROP. 10' DIA. UNDERGROUND DETENTION
- 18 PROP. 2" FIBER QUAD DUCT CONDUIT FOR ITS LINE
- 19 PROP. OUTFLOW LIFT STATION
- 20 PROP. WATER VALVES
- 21 PROP. LIGHT
- 22 PROP. CARPORT LIGHT
- 23 PROPOSED 12" STORM DRAIN BLEED-OFF PIPE
- 24 PROP. OFFSITE DRAINAGE SWALE



REV. NO.	DATE	REVISIONS DESCRIPTION

PRELIMINARY UTILITY PLAN	2016
MESA SENIOR LIVING- SPECTRUM RETIREMENT	
MESA, ARIZONA- BROWN RD & ELLSWORTH RD	
MESA, ARIZONA	

drawn by: SJV
designed by: SJV
checked by: 015-3345
project no.:
date: 06.08.16

SHEET C103
4 of 9

OLSSON
ASSOCIATES

7250 North 16th Street, Suite 210
Phoenix, AZ 85020-5292
TEL 602.748.1000
FAX 602.748.1001
www.olssonassociates.com

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 9, TOWNSHIP 1 NORTH, RANGE 7
EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY,
ARIZONA

S3 SINGLE ARM MOUNT AREA LIGHT, ID INDICATES FIXTURE TYPE

D4 DUAL ARM MOUNT AREA LIGHT, ID INDICATES FIXTURE TYPE

C5 CANOPY LIGHT, ID INDICATES FIXTURE TYPE

A. REFER TO SHEET SL2.1 FOR LIGHTING FIXTURE SCHEDULE AND LIGHTING CALCULATION SUMMARY.

OLSSON[®]
ASSOCIATES

7250 North 16th Street, Suite 210
Phoenix, AZ 85020-5282

TEL 602.748.1000
FAX 602.748.1001
www.olssonassociates.com

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SITE LIGHTING PHOTOMETRIC PLAN	MESA SENIOR LIVING- SPECTRUM RETIREMENT MESA, ARIZONA- BROWN RD & ELLSWORTH RD	2016
	MESA, ARIZONA	
drawn by: _____ ZMN designed by: _____ RAZ checked by: _____ FILE project no.: _____ 015-3345 date: _____ 06.08.16		
SHEET SL1.1 8 of 9		

Call at least two full working days
before you begin excavation.

ARIZONA 811
Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1100

drawn by: ZMN
designed by: RAZ
checked by: FLE
project no.: 015-3345
date: 06.08.16

SHEET SL1.1
8 of 9

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 9, TOWNSHIP 1 NORTH, RANGE 7
EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY,
ARIZONA

CALCULATIONS LUMINAIRE SCHEDULE								
SYMBOLS	LABEL	CATALOG NUMBER	DESCRIPTION	LAMP	FILE	LUMENS	LLF	WATTS
	C5	DSXSC LED-10C-700-30K-T5R-MVOLT	LITHONIA LED CANOPY	3000K LED'S	DSXSC_LED_10C_700_30K_T5R_MVOLT.IES	2,700	0.90	26
	F1	OLBF-B-3000K-DOB	LITHONIA LED GROUND MOUNT	3000K LED'S	NOT USED FOR PHOTOMETRIC DISTRIBUTION	592		12
	D4	CL1-A-30L-U-3K-3-DB-SSS-16-40-1	SPAULDING CIMARRON LED	30-3000K LED'S	CL1-30L-3K-4.IES	6,463	0.90	70
	S3	CL1-A-30L-U-3K-3-DB-SSS-16-40-1	SPAULDING CIMARRON LED	30-3000K LED'S	CL1-30L-3K-3.IES	6,192	0.90	70
	S4	CL1-A-30L-U-3K-4-DB-BC-SSS-16-40-1	SPAULDING CIMARRON LED	30-3000K LED'S	CL1-30L-3K-4.IES	6,463	0.90	70

HORIZONTAL LIGHTING CALCULATIONS

AREA	SYMBOL	MAXIMUM	MINIMUM	AVERAGE	AVG/MIN	MAX/MIN
PARKING	+	3.08	0.17	1.34	7.9	18.13
DRIVES	*	2.07	0.01	0.70	-	-
PERIPHERY	#	2.32	0.00	N/A	N/A	N/A

NOTES:

1. CALCULATION VALUES ARE IN FOOTCANDLES.
2. CALCULATIONS INCLUDE AREA LIGHTING LUMINAIRES ONLY.
3. EXTERIOR BUILDING LIGHTING NOT INCLUDED.
3. CALCULATION POINTS ARE AT GRADE ON THE HORIZONTAL PLANE.

RECTANGULAR LUMINAIRES

Cimarron CL1

Area/Site Lighting

FEATURES

- Stylish vertically finned die-cast solid top housing and lower heat sink optimize heat dissipation
- Isolated electrical compartment with integral heat sinking for cooler operation and longer driver life
- Drivers have greater than 90% power factor and less than 20% THD
- Automatic continuous dimming to 10% or dual circuitry available
- Optional thermal shock protection
- 20KA surge protection with an end of life LED indicator
- 60,000 hours life (L90 @ 40°C)*
- Shipped with upswep or straight arm for uniform look and ease of installation
- -40 deg C to 40 deg C ambient operation
- Lektrocoat TGIC polyester powder coat finish
- 3000K, 80 CRI, 4000K, 70 CRI, 5000K, 67 CRI
- Stainless steel bezel(s)
- Choice of 72 high brightness LED configurations with individual acrylic lenses aimed to produce T5 type II, III, IV and V distributions and auto optics
- Backlight control option reduces spill light behind pole by 85%, doesn't change fixture appearance or EPA
- IP65
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations
- Increased lumen output with use of 1050mA driver (90% only)
- DesignLights Consortium qualified
- Turtle Friendly Amber available

D4, S3, S4

ORDERING INFORMATION

CL1									
SERIES	NO. OF LEDS	VOLTAGE	CC	DRIVE CURRENT	OPTIONS				
CL1 (Cimarron LED)	90L 90 High brightness LEDs	U Universal 120V-277V, 50/60 Hz	3K 3000K, 80CRI 4K 4000K, 70CRI	Leave blank for 700mA (standard)	BC Backlight control	CC Continuous dimming	WB Wall bracket	RPAS 3" Round pole adapter	RPAS 4" Round pole adapter
	60L 60 High brightness LEDs	1 120V	5K 5000K, 67CRI	035 350mA Amber CCT only	DB Dark Bronze	BL Black	WN White	FG Fusing (replace V with voltage: 1-120V, 2-208V, 3-240V, 4-277V, 5-480V, F-347V)	VC Versat guard
	30L 30 High brightness LEDs	2 208V 3 240V 4 277V	AM Amber C90 (on available for "Turtle Friendly" applications (com factory))	105 1050mA (use with 90L only for higher lumen output)	GR Gray	PS Platinum Silver	RD Red (premium color)	FG Forest Green (premium color)	CC Custom Color
AD Decorative arm mount const. (6" decorative swivel arm incl. & acceptable for 90° configurations)		5 480V, 60 HZ 7 347V, 60 HZ E* 220V, 50 HZ			COLOR				
MOUNTING		DISTRIBUTION							
MA1 Mast arm fitter for mounting to standard 2 3/8" mast arm bracket, includes 6" straight rigid arm		2 Type II	1A Auto Front Row Type I	1A Auto Front Row Type I Rotated 90° right	1A Auto Front Row Type II Rotated 90° left	2A Auto Front Row Type II	2A Auto Front Row Type II Rotated 90° right	2A Auto Front Row Type II Rotated 90° left	2A Auto Front Row Type II Rotated 90° right
		3 Type III	1AR Auto Front Row Type I Rotated 90° right	1AR Auto Front Row Type II Rotated 90° left	2AR Auto Front Row Type II Rotated 90° right	2AR Auto Front Row Type II Rotated 90° left	2AR Auto Front Row Type II Rotated 90° right	2AR Auto Front Row Type II Rotated 90° left	2AR Auto Front Row Type II Rotated 90° right
		4 Type IV	1AL Auto Front Row Type I Rotated 90° left	1AL Auto Front Row Type II Rotated 90° right	2AL Auto Front Row Type II Rotated 90° left	2AL Auto Front Row Type II Rotated 90° right	2AL Auto Front Row Type II Rotated 90° left	2AL Auto Front Row Type II Rotated 90° right	2AL Auto Front Row Type II Rotated 90° left
		5S Type V Short							
		5M Type V Medium							
		5W Type V Wide							
		2L Type II Rotated 90° left							
		3L Type III Rotated 90° left							
		4L Type IV Rotated 90° left							
		2R Type II Rotated 90° right							
		3R Type III Rotated 90° right							
		4R Type IV Rotated 90° right							

*See specification page for complete fixture data

222

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FEATURES & SPECIFICATIONS

INTENDED USE

The OLB LED Bullet Floodlight is a long-lasting energy-efficient landscape floodlight. Available with spot or flood optics making it ideal for many commercial and residential outdoor applications such as lighting of landscapes, building details and flag poles.

CONSTRUCTION

Die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. The LED driver is mounted in the lower housing promoting a low operating temperature and long life. Housing is powder coated for maximum durability and environmental resistance (IP65).

Finish: Exterior parts are protected by a thermoseal powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mil thickness for a finish that can withstand extreme climate changes without cracking or peeling.

OPTICS

Optics are engineered for superior field-to-beam ratios, uniformity and spacing. Available with 51 x 41 flood optics for illuminating larger objects or 26 x 29 spot optics for illuminating targets up to 50 feet away. Light engines are available in 3000K (80 CRI min.) or 5000K (68 CRI min.) configurations.

ELECTRICAL

MOVOLT driver operates on any line voltage from 120-277V (50/60Hz).

Light engine consists of four (4) discrete LED die directly mounted directly to the heat sink to maximize heat dissipation and provide long life (100,000 hrs at 40°C L80).

Driver is thermally isolated in base to promote long life.

Operating temperature: -30°C to 40°C.

INSTALLATION

Integral adjustable knuckle with 1/2-14 NPT threaded pipe facilitates quick and easy installation in a variety of mounting methods.

LISTINGS

UL Listed to U.S. and Canadian safety standards for wet locations within four feet of the ground.

Tested in accordance with IESNA LM-79 and LM-80 standards.

WARRANTY

5 year limited warranty. Complete warranty terms located at www.lithonia.com/CustomerResources/Terms_and_conditions.aspx

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

Catalog Number	
Notes	
Type	F1

OLB

LED Bullet Flood Light

All dimensions are inches (and millimeters) unless otherwise indicated.

ORDERING INFORMATION

For shortest lead times, configure product using **bolded options**.

Example: OLB-F 8 300K DOB

Series	Light engine	Color temperature (CCT)	Voltage	DOB
OLB-F	Spot flood optics	8	30K 3500K	DOB Dark bronze
OLB-S	2x2 spot optics	8	50K 5000K	DOB Dark bronze

DECORATIVE: INDOOR & OUTDOOR

OLB LED

[illegible]

REVISIONS

016

SITE LIGHTING SCHEDULES AND CUTSHEETS

MESA SENIOR LIVING- SPECTRUM RETIREMENT
MESA. ARIZONA- BROWN RD & ELLSWORTH RD

MESA, ARIZONA

drawn by: _____ ZMN
designed by: _____ RAZ
checked by: _____ FLE
project no.: _____ 015-3345
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SHEET SL2.1
9 of 9