Sketch
Architecture Company

22 September 2014

Planning and Zoning
City of Mesa
55 N. Center St.
Mesa, AZ 85201

Re: Narrative

Mountain Road & Pecos Road Development

6751 South Mountain Road, Mesa, Arizona 85242
A.P.N. 304-34-929

The project consists of the construction of a **new 80,401 sq. ft. industrial building to be used for manufacturing or warehousing.** The existing site is approximately 10 acres (+/- 435,590 sf gross), 8.237 acres (+/- 358,793 sf net).

Existing zoning is AG. Proposed zoning is GI.

Parking: Required parking of 107 spaces. Provided parking of 120 standard and accessible stalls.

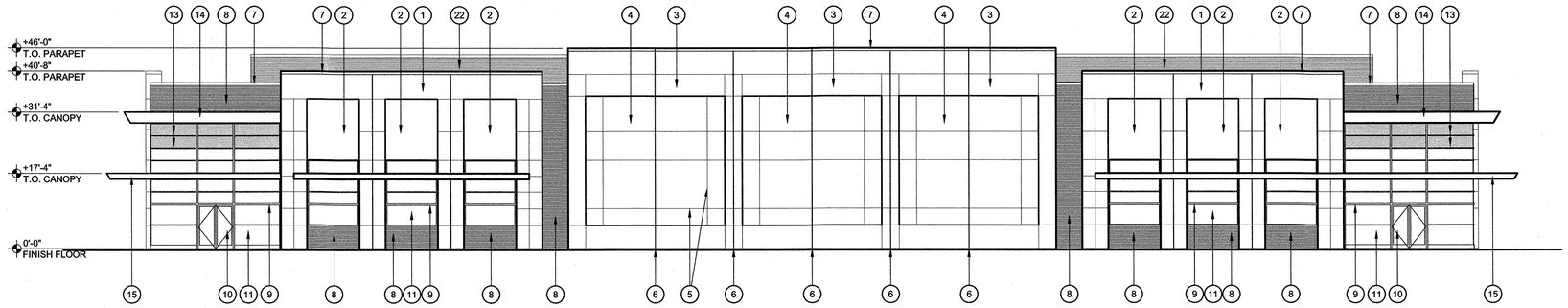
Site placement of the building allows for future expansion to the west. A 50' private drainage easement exists on the North property line. This area will have decomposed granite for dust control and minimal landscaping until such time that the easement can be removed and the area is paved. Setbacks adhere to zoning requirements. The current placement off the building maintains the existing drainage area to the west.

Landscaped open space on all 3 sides of the building, with two sides having limited foundation landscaping, and no landscaping adjacent to the north side where the truck docks are located. There will be truck loading bays, gated masonry refuse enclosures and two employee break areas located on the north side of the building.

The building will be tilt-up concrete slab with a nicely designed front entry feature (on the south side of the building).

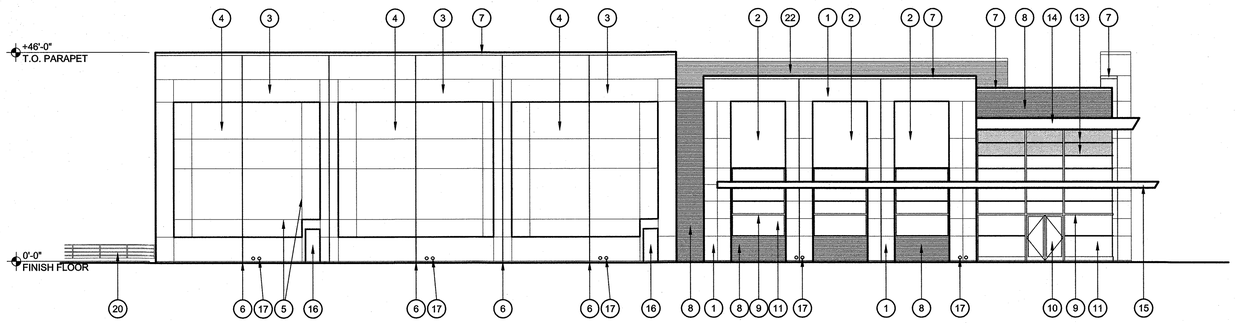
Future Construction: It is the intention to leave the western portion of the site empty and to do a lot split. This area will not be submitted for Planning and Zoning/Design Review until the County and City resolve the drainage issues.

2454 E. Southern Avenue Suite 110 Mesa, AZ 85204 480-668-8015 480-668-8032 fax



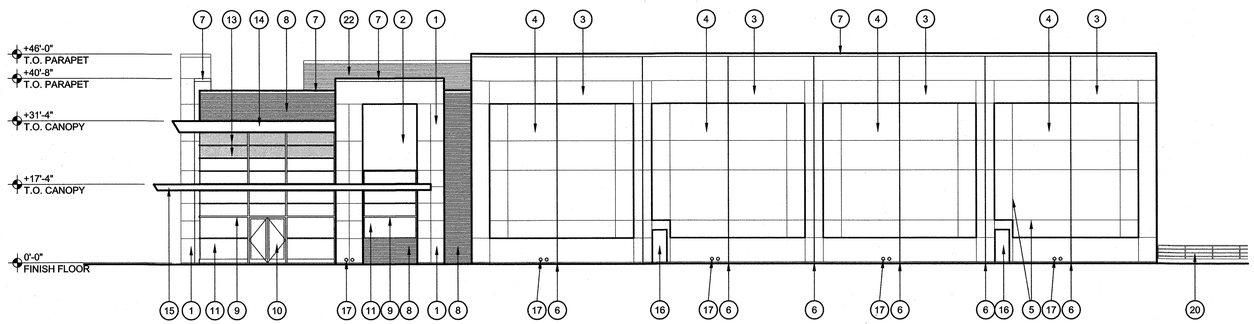
F32 SOUTH EXTERIOR ELEVATION

1/16" = 1'-0"



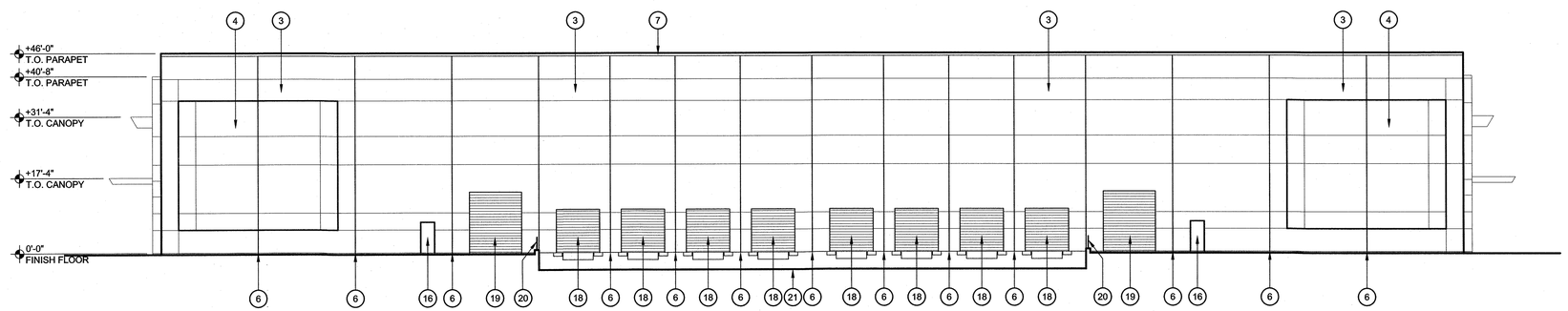
L32 WEST EXTERIOR ELEVATION

1/16" = 1'-0"



R32 EAST EXTERIOR ELEVATION

1/16" = 1'-0"



X32 NORTH EXTERIOR ELEVATION

1/16" = 1'-0"

COLOR / MATERIAL KEY NOTES:

1. CONCRETE TILT-UP PANEL - PRIMED & PAINTED FINISH COLOR NO. 1 DEC725 "WEATHERED CORAL"
2. CONCRETE TILT-UP PANEL - PRIMED & PAINTED FINISH COLOR NO. 2 FINISH DE5325 "REGENCY CREAM"
3. CONCRETE TILT-UP PANEL - PRIMED & PAINTED FINISH COLOR NO. 3 DE5257 "FALL FOLIAGE"
4. CONCRETE TILT-UP PANEL - PRIMED & PAINTED FINISH COLOR NO. 4 DE5258 "BURNT ALMOND"
5. HORIZONTAL & VERTICAL RECESSED REVEAL LINES IN CONCRETE TILT-UP PANELS
6. STRUCTURAL PANEL JOINTS BETWEEN CONCRETE TILT-UP PANELS
7. PREFINISHED METAL PARAPET CAP - FINISH TO MATCH COLOR OF ADJACENT PARAPET MATERIAL BELOW
8. PREFINISHED HORIZONTAL CORRUGATED PREFINISHED METAL PANEL WITH "GALVALUME" FINISH APPLIED OVER CONCRETE TILT-UP PANEL
9. PREFINISHED ALUMINUM STOREFRONT DOOR & WINDOW SYSTEM - "CLEAR" KYNAR 500 ANODIZED FINISH
10. DOOR GLAZING - PPG "ATLANTICA" GREEN TINTED TEMPERED
11. WINDOW GLAZING - PPG "ATLANTICA" GREEN TINTED DUAL-PANE INSULATED
12. WINDOW GLAZING - PPG "ATLANTICA" GREEN TINTED TEMPERED DUAL-PANE INSULATED
13. WINDOW SPANDREL GLAZING - PPG "ATLANTICA" GREEN TINTED
14. PREFINISHED METAL CANOPY FASCIA 2'-6" IN HEIGHT - "GALVALUME" FINISH
15. PREFINISHED METAL CANOPY FASCIA 1'-4" IN HEIGHT - "GALVALUME" FINISH
16. HOLLOW METAL DOOR AND FRAME - PRIMED & PAINTED FINISH TO MATCH PREFINISHED METAL ROLL-UP DOORS
17. ROOF DRAIN AND OVERFLOW DRAIN LEADERS THRU WALL WITH POURED-IN-PLACE CONCRETE SPLASH BLOCK
18. 10'-0" WIDE X 10'-0" HIGH PREFINISHED METAL ROLL-UP DOOR
19. 12'-0" WIDE X 14'-0" HIGH PREFINISHED METAL ROLL-UP DOOR
20. METAL GUARD RAILING - PRIMED & PAINTED FINISH DEA158 "NORTHERN TERRITORY"
21. RECESSED TRUCK WELL - SEE CIVIL DRAWINGS
22. PREFINISHED HORIZONTAL CORRUGATED PREFINISHED METAL PANEL WITH "GALVALUME" FINISH APPLIED OVER ROOF-MOUNTED MECHANICAL EQUIPMENT SCREEN

sketch
Architecture Company
2454 East Southern Avenue, Mesa, Arizona 85205 ph 480.898.8015 fax 480.898.8032

MOUNTAIN ROAD INDUSTRIAL BUILDING

6751 SOUTH MOUNTAIN ROAD, MESA, ARIZONA 85242

REGISTERED ARCHITECT
16808
RANDOLPH L. CARTER
9/14/14
Date Signed
ARIZONA, U.S.A.

Expires 06-30-2014

Mark & Date (D-M-Y)

SAC Project Number
2014-05

EXTERIOR ELEVATIONS

A201

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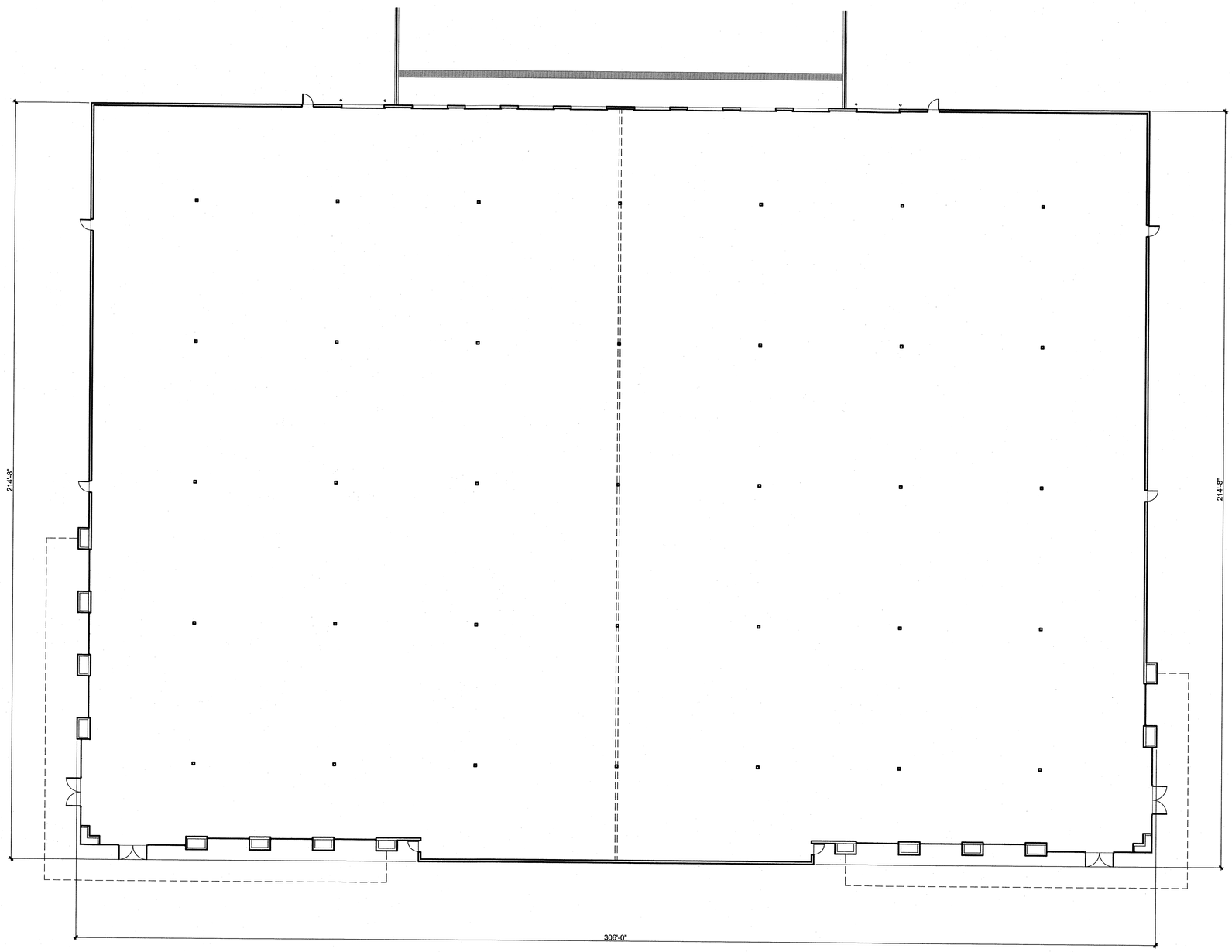
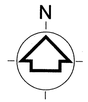




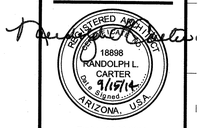
X32 FLOOR PLAN - BUILDING "A"

1/16" = 1'-0"

Sketch
Architecture Company
2454 East Southern Avenue, Mesa, Arizona 85205 ph 480.668.8015 fax 480.668.8032

MOUNTAIN ROAD INDUSTRIAL BUILDING

6751 SOUTH MOUNTAIN ROAD, MESA, ARIZONA 85242



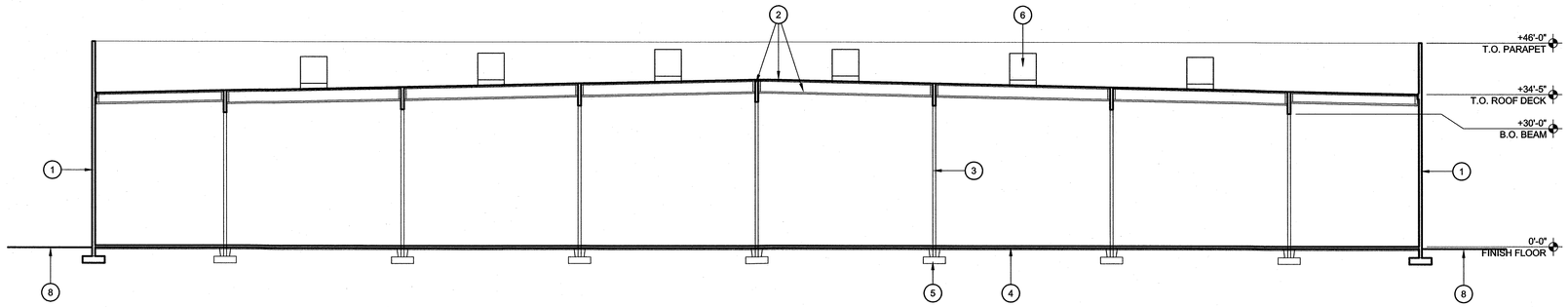
Expires 06-30-2014

Mark & Date (D-M-Y)

SAC Project Number
2014-05

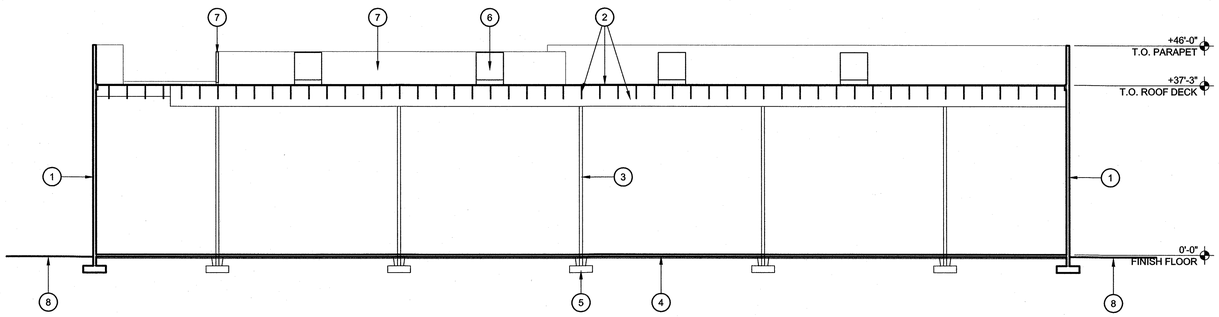
FLOOR PLAN -
BUILDING "A"

A101



F32 BUILDING SECTION

1/16" = 1'-0"



L32 BUILDING SECTION

1/16" = 1'-0"

KEY NOTES

1. PRECAST REINFORCED CONCRETE TILT-UP PANEL EXTERIOR WALLS
2. WOOD ROOF FRAMING SYSTEM - SEE STRUCTURAL DRAWINGS
3. TUBE STEEL SUPPORT COLUMNS - SEE STRUCTURAL DRAWINGS
4. REINFORCED CONCRETE FLOOR SLAB - SEE STRUCTURAL DRAWINGS
5. REINFORCED CONCRETE FOUNDATION SYSTEM - SEE STRUCTURAL DRAWINGS
6. FULLY-SCREENED ROOFTOP MECHANICAL UNITS
7. ROOF-MOUNTED MECHANICAL EQUIPMENT SCREEN
8. FINISH GRADE

Sketch
Architecture Company
2454 East Southern Avenue, Mesa, Arizona 85209 ph 480.668.8015 fax 480.668.8032

MOUNTAIN ROAD INDUSTRIAL BUILDING

6751 SOUTH MOUNTAIN ROAD, MESA, ARIZONA 85242

REGISTERED ARCHITECT
18896
RANDOLPH L. CARTER
Date Signed 2/14/14
ARIZONA, U.S.A.

Expires 06-30-2014

Mark & Date (D-M-Y)

SAC Project Number
2014-05

BUILDING SECTIONS

A301

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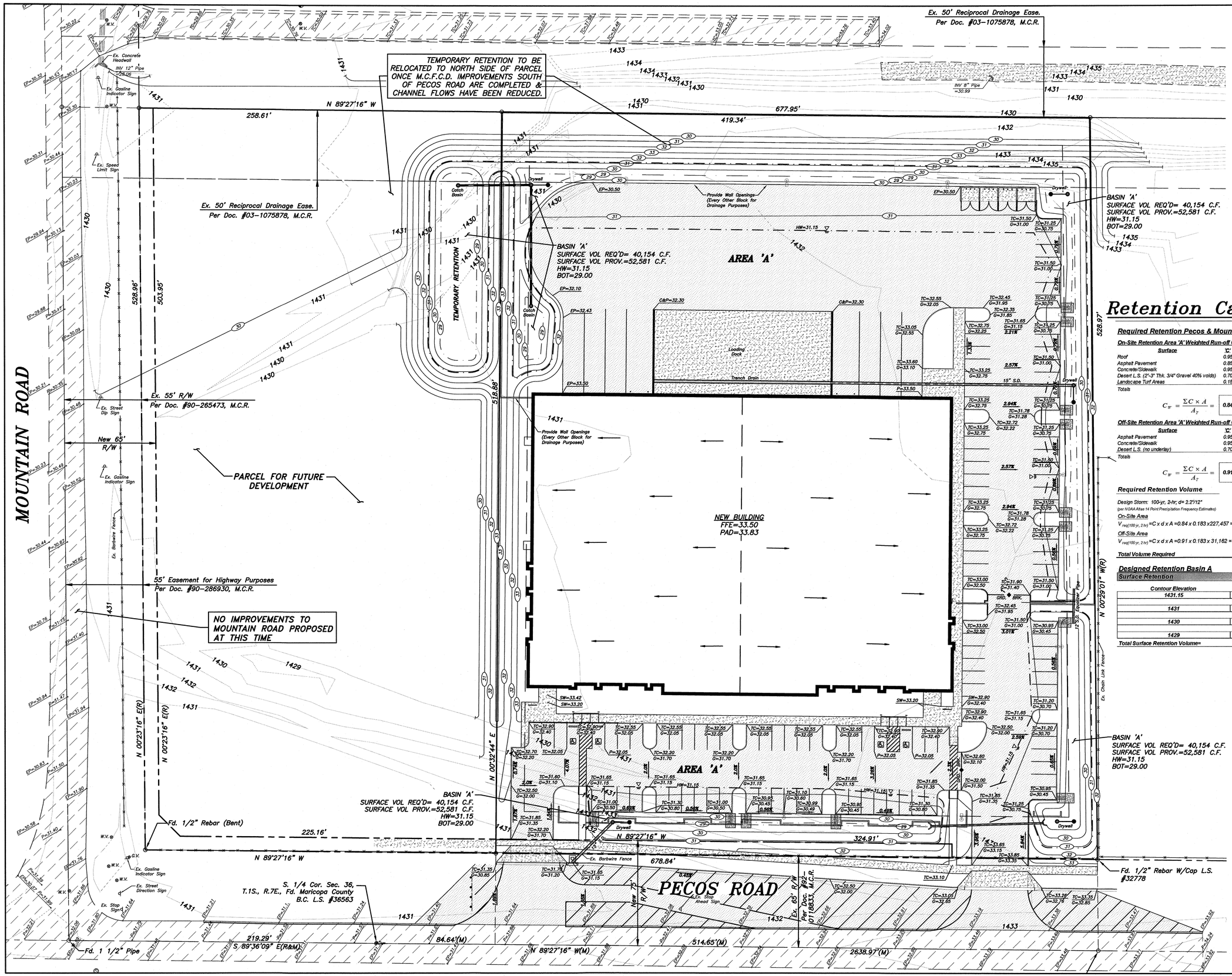


Retention Calculations:

Required Retention Pecos & Mountain Road Development

On-Site Retention Area 'A' Weighted Run-off Coefficient

Surface	'C'	Area (A)	C'A(ft²)
Roof	0.95	62,648	59,516
Asphalt Pavement	0.85	81,569	69,334
Concrete/Sidewalk	0.95	16,242	15,430
Desert L.S. (2"-3" Thk. 3/4" Gravel 40% voids)	0.70	66,998	46,899
Landscape Turf Areas	0.15	0	0
Totals		227,457 ft²	191,179 ft²

$$C_{W} = \frac{\Sigma C \times A}{A_T} = \boxed{0.84}$$

Off-Site Retention Area 'A' Weighted Run-off Coefficient

Surface	'C'	Area (A)	C'A(ft²)
Asphalt Pavement	0.95	21,112	20,057
Concrete/Sidewalk	0.95	4,595	4,366
Desert L.S. (no underlay)	0.70	5,455	3,819
Totals		31,162 ft²	28,242 ft²

$$C_{W} = \frac{\Sigma C \times A}{A_T} = \boxed{0.91}$$

Required Retention Volume

Design Storm: 100-yr, 2-hr; d= 2.2"/12" (per NOAA Atlas 14 Point Precipitation Frequency Estimates)	0.183
On-Site Area	227,457 ft²
$V_{req(100\,yr,\,2\,hr)}$ =C x d x A =0.84 x 0.183 x 227,457 =	34,965 ft³
Off-Site Area	31,162 ft²
$V_{req(100\,yr,\,2\,hr)}$ =C x d x A =0.91 x 0.183 x 31,162 =	5,189 ft³
Total Volume Required	40,154 ft³

Designed Retention Basin A

Surface Retention

Contour Elevation	Area	Volume	Basin Volume
1431.15	53,535		
		7,402	
1431	45,162		
		31,974	
1430	18,785		
		13,205	
1429	7,625		
Total Surface Retention Volume=			52,581 ft³

REGISTERED CIVIL ENGINEER
CERTIFICATE NO. 18684
WILLIAM H. STANDAGE
9/17/14
Expires 6/30/15

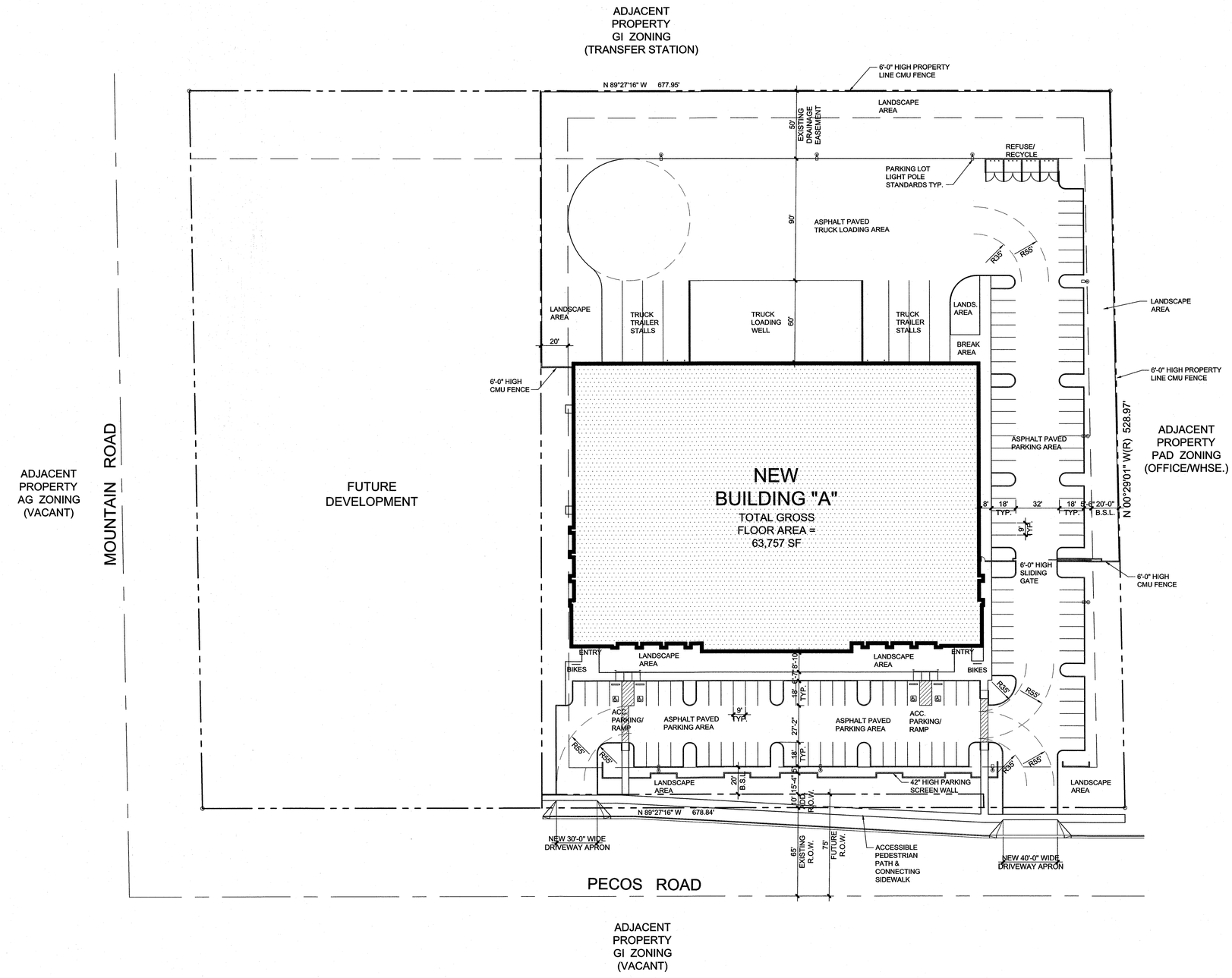
REVISIONS:

PRELIMINARY GRADING & DRAINAGE PLAN

MOUNTAIN ROAD & PECOS ROAD DEVELOPMENT
6751 S. MOUNTAIN ROAD, MESA, AZ 85242

Standage & Associates, Ltd.
Consulting Engineers
409 S. El Dorado
Mesa, Arizona 85202
(480) 892-8090

SHEET: 1 OF: 1
PROJECT No.: 140220
SCALE: 1"=30'
PREPARED: BWB/WHS



PRELIMINARY ARCHITECTURAL SITE PLAN

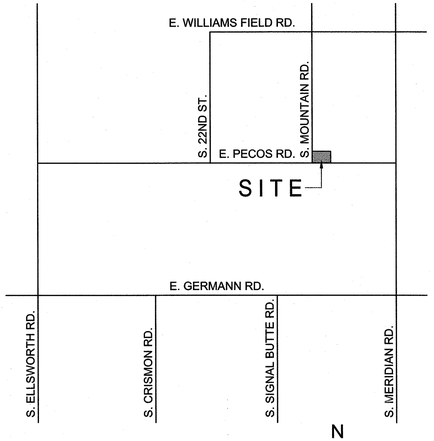
1"=40'-0"

N

PROJECT DATA

PROJECT NAME :	MOUNTAIN ROAD & PECOS ROAD DEVELOPMENT
PROPERTY ADDRESS :	6751 SOUTH MOUNTAIN ROAD MESA, ARIZONA 85242
ARCHITECT :	SKETCH ARCHITECTURE COMPANY 2454 EAST SOUTHERN AVENUE, SUITE 110 MESA, ARIZONA 85204 P. 480.668.8015 F. 480.668.8032 RANDOLPH L. CARTER, NCARB, AIA
ASSESSOR'S PARCEL NUMBER :	304-34-929
EXISTING ZONING :	AG
PROPOSED ZONING :	GI
GROSS SITE AREA :	± 252,209 SF / 5.79 AC
NET SITE AREA :	± 221,043 SF / 5.07 AC
BUILDING "A" GROSS FLOOR AREA :	63,757 SF
BUILDING "A" PARKING REQUIRED :	63,757 SF / 600 = 107 (INCLUDES 4 ACC. SPACES)
BUILDING "A" PARKING PROVIDED :	120 (INCLUDES 4 ACC. SPACES W/ 2 VAN ACC.)

VICINITY MAP



sketch
Architecture Company
2454 East Southern Avenue, Mesa, Arizona 85204 ph 480.668.8015 fax 480.668.8032

MOUNTAIN ROAD INDUSTRIAL BUILDING

6751 SOUTH MOUNTAIN ROAD, MESA, ARIZONA 85242

REGISTERED ARCHITECT 13898 RANDOLPH L. CARTER 3/14/14 ARIZONA, U.S.A.

Expires 06-30-2014

Mark & Date (D-M-Y)

SAC Project Number 2014-05

PRELIMINARY ARCHITECTURAL SITE PLAN

SD101-1

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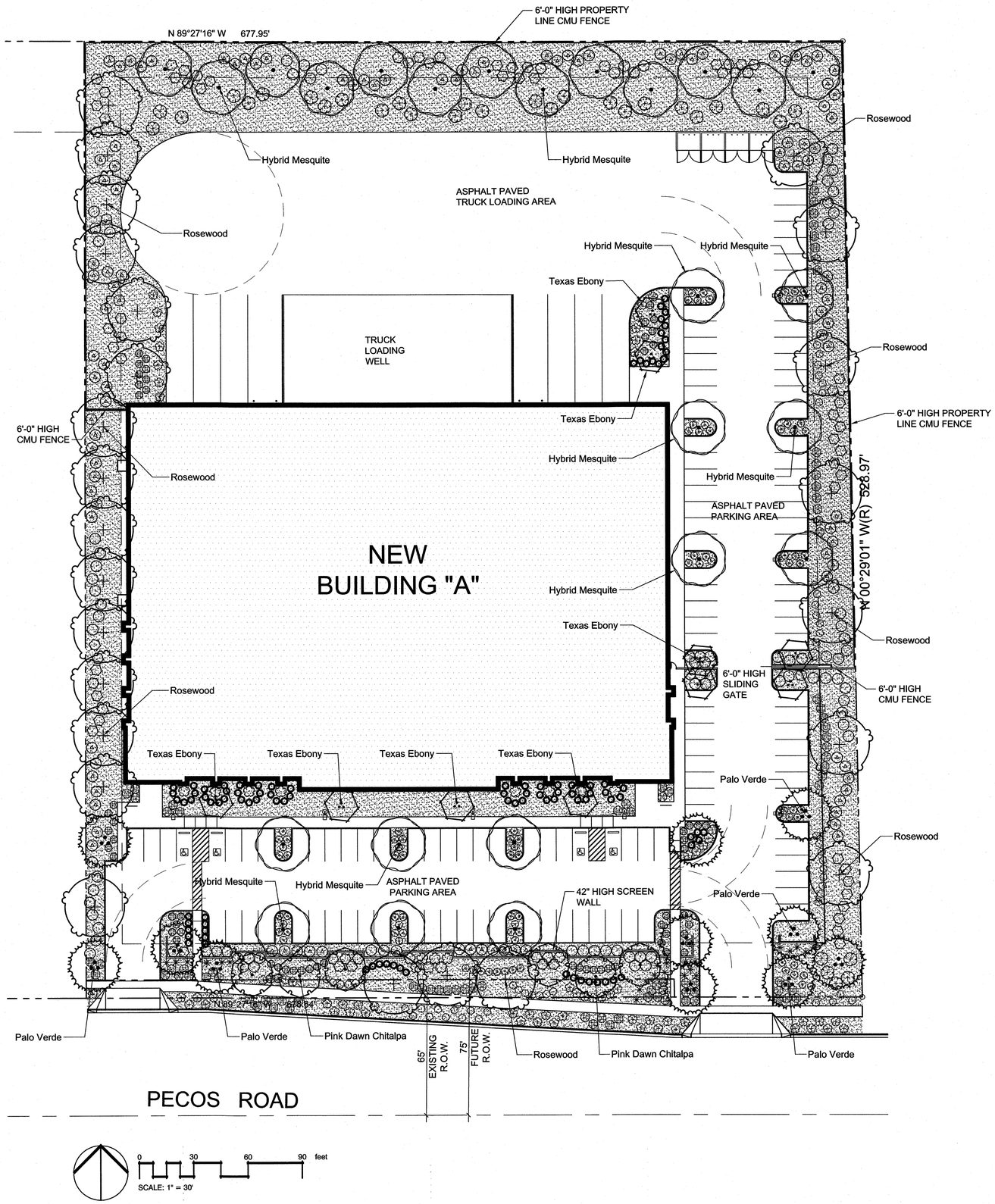


PLANT SCHEDULE

TREES	BOTANICAL NAME / COMMON NAME	CONT
	Dalbergia sissoo / Rosewood	24"box
	Ebenopsis ebano / Texas Ebony	24"box
	Parkinsonia praecox / Palo Verde	36"box
	Prosopis x `Phoenix` TM / Hybrid Mesquite	24"box
	x Chitalpa tashkentensis `Pink Dawn` / Pink Dawn Chitalpa	36"box

SHRUBS	BOTANICAL NAME / COMMON NAME	SIZE
	Bougainvillea x `Torch Glow` / Torch Glow Bush Bougainvillea	5 gal
	Caesalpinia pulcherrima `Phoenix` / Phoenix Bird Of Paradise	5 gal
	Calliandra californica / Red Baja Fairy Duster	5 gal
	Convolvulus cneorum / Bush Morning Glory	5 gal
	Dasylirion wheeleri / Grey Desert Spoon	5 gal
	Lantana camara `Gold Mound` / Gold Mound Lantana	5 gal
	Leucophyllum frutescens / Texas Sage	5 gal
	Leucophyllum langmaniae `Lynn`s Legacy` / Barometerbush	5 gal
	Muhlenbergia capillaris `Regal Mist` TM / Muhly	5 gal
	Nerium oleander `Petite Pink` / Petite Pink Oleander	5 gal
	Rosmarinus officinalis `Prostratus` / Dwarf Rosemary	5 gal
	Ruellia penninsularis / Wild Petunia	5 gal

GROUND COVERS	BOTANICAL NAME / COMMON NAME
	Coco Brown Decomposed granite / 3/4" Screened at 2" Depth

everett landscape architecture

PROPOSED INDUSTRIAL BUILDING

MESA, ARIZONA

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO. 64540
THOMAS CHRISTOPHER EVERETT
DATE SIGNED
ARIZONA, U.S.A.

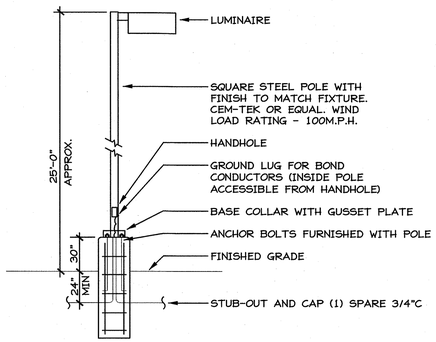
EXP. 06/30/2016

9/17/2014

Project Number
14013

Sheet Title:
PRELIMINARY LANDSCAPE PLAN

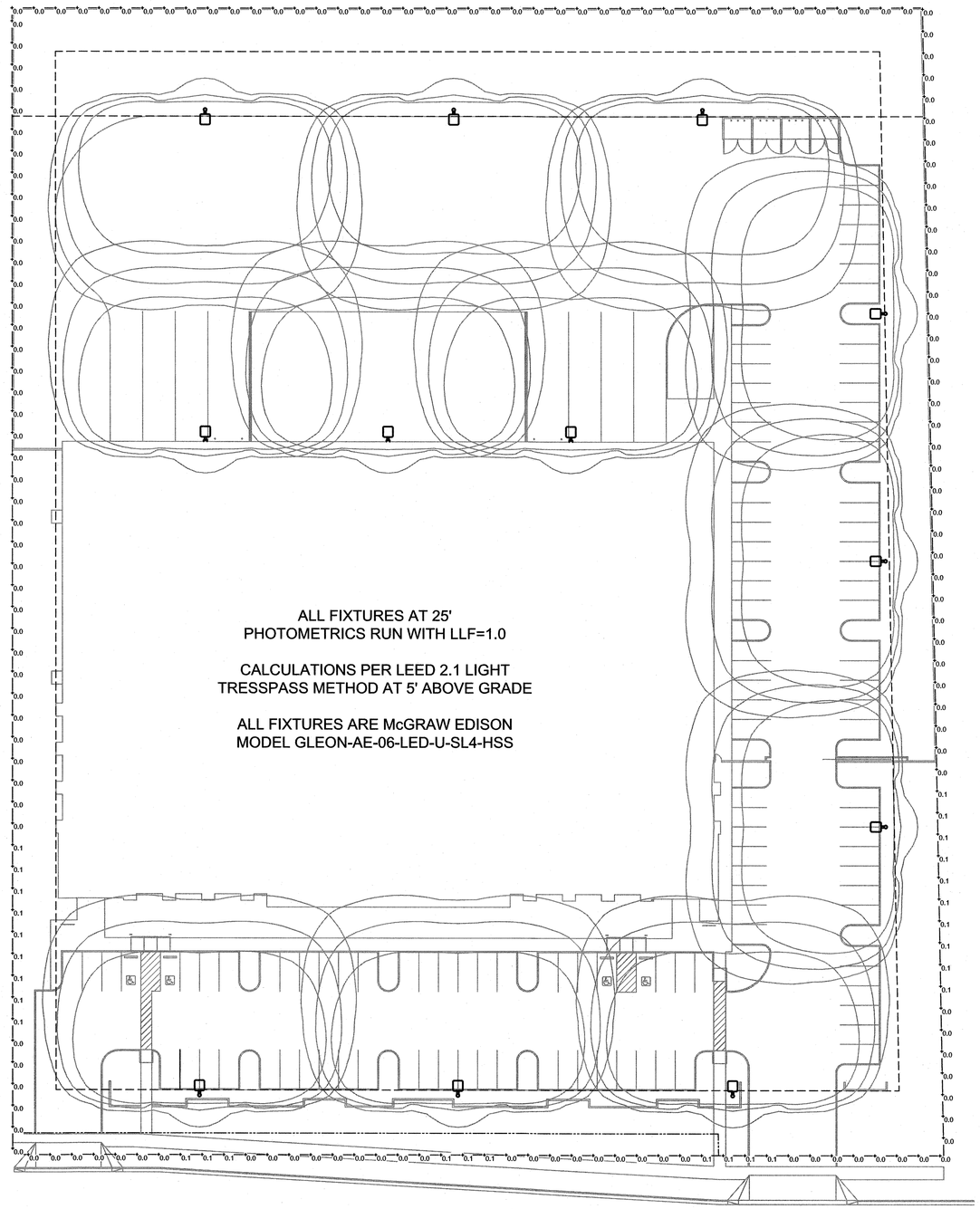
Sheet:
L1.0



NOTE:
THIS POLE BASE DETAIL IS FOR ELECTRICAL SYSTEMS ONLY.
THE POLE BASE STRUCTURAL DESIGN SHALL BE PROVIDED
AND SEALED BY A REGISTERED STRUCTURAL ENGINEER.

POLE FIXTURE DETAIL

N.T.S.



ALL FIXTURES AT 25'
PHOTOMETRICS RUN WITH LLF=1.0

CALCULATIONS PER LEED 2.1 LIGHT
TRESSPASS METHOD AT 5' ABOVE GRADE

ALL FIXTURES ARE McGRAW EDISON
MODEL GLEON-AE-06-LED-U-SL4-HSS

LIGHT TRESSPASS PHOTOMETRICS
1" = 30'

Sketch Architecture Company
2464 East Southern Avenue, Mesa, Arizona 85202 ph 480.668.9015 fax 480.668.9032

MOUNTAIN ROAD INDUSTRIAL BUILDING

6751 SOUTH MOUNTAIN ROAD, MESA, ARIZONA 85242

Registered Professional Engineer (Electrical)
CERTIFICATE NO. 18177
H. MARTIN SHOEMAKER
Date Signed
ARIZONA, U.S.A.
Expires 6/30/16

Mark & Date (D-M-Y)

SAC Project Number
2014-05

LIGHT TRESPASS PHOTOMETRICS

E101

ENCO ENGINEERING INC.
P.O. BOX 31918, MESA, AZ 85275 (480) 844-9525

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McGRAW-EDISON® energy solutions

Catalog #	GLEON-AE-06-LED-U-SL4-HSS	Type
Project		
Comments		Date
Prepared by		

DESCRIPTION

The Galleon™ LED luminaire delivers exceptional performance in a highly scalable, low-profile design. Patented, high-efficiency AccuLED Optics™ system provides uniform and energy conscious illumination to walkways, parking lots, roadways, building areas and security lighting applications. IP66 rated.

SPECIFICATION FEATURES

Construction
Extruded aluminum driver enclosure thermally isolated from Light Squares for optimal thermal performance. Heavy-wall, die-cast aluminum end caps enclose housing and die-cast aluminum heat sinks. A unique, patent pending interlocking housing and heat sink provides scalability with superior structural rigidity. 3G vibration tested. Optional tool-less hardware available for ease of entry into electrical chamber. Housing is IP66 rated.

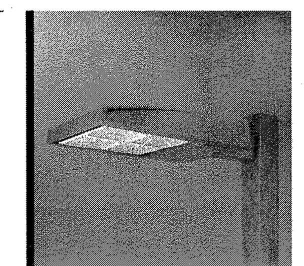
Optics
Choice of 16 patented, high-efficiency AccuLED Optics. The optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 6000K CCT and 3000K CCT. For the ultimate level of spill light control, an optional house side shield accessory can be field or factory installed. The house side shield is designed to seamlessly integrate with the SL2, SL3, SL4 or AFL optics.

Electrical
LED drivers are mounted to removable tray assembly for ease of maintenance. 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. Standard with 0-10V dimming. Shipped standard with Cooper Lighting proprietary circuit module designed to withstand 10kV of transient line surge. The Galleon LED luminaire is suitable for operation in -40°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option. Light Squares are IP66 rated. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 530mA and 700mA drive currents.

Mounting
Extruded aluminum arm includes internal bolt guides allowing for easy positioning of fixture during assembly. Designed for pole or wall mounting. When mounting two or more luminaires at 90° or 120° apart, the EA extended arm may be required. Refer to the arm mounting requirement table on page 3. Round pole top adapter included. For wall mounting, specify wall mount bracket option. 3G vibration rated.

Finish
Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Heat sink is powder coated black. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult the McGraw-Edison Architectural Colors brochure for the complete selection.

Warranty
Five-year warranty.



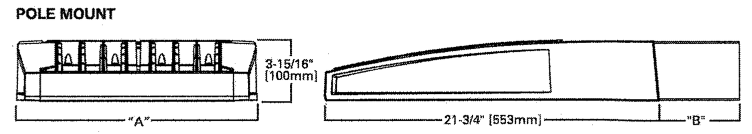
GLEON
GALLEON LED

1-10 Light Squares
Solid State LED

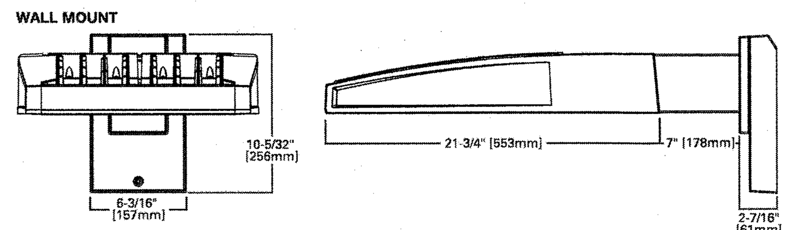
AREA/SITE LUMINAIRE

DIMENSIONS

POLE MOUNT



WALL MOUNT



DIMENSION DATA

Number of Light Squares	"A" Width	"B" Standard Arm Length	"B" Optional Arm Length [1]	Weight with Arm (lbs.)	EPA with Arm [2] (Sq. Ft.)
1-4	15-1/2" (394mm)	7" (178mm)	10" (254mm)	33 (15.0 kgs.)	0.96
5-6	21-5/8" (549mm)	7" (178mm)	10" (254mm)	44 (20.0 kgs.)	1.00
7-8	27-5/8" (702mm)	7" (178mm)	13" (330mm)	54 (24.5 kgs.)	1.07
9-10	33-3/4" (857mm)	7" (178mm)	16" (406mm)	63 (28.6 kgs.)	1.12

NOTES: 1 Extended arm option may be required when mounting two or more fixtures per pole at 90° or 120°. Refer to arm mounting requirement table. 2 EPA calculated with optional arm length.

CERTIFICATION DATA
UL/cUL Wet Location Listed
ISO 9001
LM79 / LM80 Compliant
3G Vibration Rated
IP66 Rated
DesignLights Consortium® Qualified*

ENERGY DATA
Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120V-277V 50/60Hz
347V & 480V 60Hz
-40°C Min. Temperature
40°C Max. Temperature
50°C Max. Temperature (HA Option)

Cooper Lighting by EATON

*www.designlights.org

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GLEON GALLEON LED

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Theoretical L70 (Hours)
25°C	> 94%	> 350,000
40°C	> 93%	> 250,000
50°C	> 90%	> 170,000

ORDERING INFORMATION

Sample Number: GLEON-AE-04-LED-E1-T3-GM-700

Product Family [1]	Light Engine	Number of Light Squares [2]	Lamp Type	Voltage	Distribution	Color	Mounting
GLEON=Galleon	AE=1A Drive Current	01=1 02=2 03=3 04=4 05=5 06=6 07=7 08=8 09=9 10=10	LED=Solid State Light Emitting Diodes	E1=120-277V 347=347V [3] 480=480V [3, 4]	T2=Type II T2R=Type II Roadway T3=Type III T3R=Type III Roadway T4FT=Type IV Forward Throw T4W=Type IV Wide 5NQ=Type V Narrow 5MQ=Type V Square Medium 5WQ=Type V Square Wide SL2=Type II w/Spill Control SL3=Type III w/Spill Control SL4=Type IV w/Spill Control SLL=90° Spill Light Eliminator Left SLR=90° Spill Light Eliminator Right RW=Rectangular Wide Type I AFL=Automotive Frontline	AP=Grey BZ=Bronze BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White	[Blank]=Arm for Round or Square Pole EA=Extended Arm [5] MA=Mast Arm Adapter [6] WM=Wall Mount

Options (Add as Suffix)	Accessories (Order Separately)
2L=Two Circuits [7,8] 7030=70 CRI 3000K [9] 7060=70 CRI 6000K [9] 530=Drive Current Factory Set to 530mA [10] 700=Drive Current Factory Set to 700mA [10] F=Single Fuse (120, 277 or 347V. Must Specify Voltage) FF=Double Fuse (208, 240 or 480V. Must Specify Voltage) P=Button Type Photocontrol (120, 208, 240 or 277V) PER7=NEMA 7-Pin Twistlock Photocontrol Receptacle R=NEMA Twistlock Photocontrol Receptacle HA=50°C High Ambient [8] MS/DIM-L08=Motion Sensor for Dimming Operation, Maximum 8' Mounting Height [11, 12, 13, 14] MS/DIM-L20=Motion Sensor for Dimming Operation, 9' - 20' Mounting Height [11, 12, 13, 14] MS/DIM-L40=Motion Sensor for Dimming Operation, 21' - 40' Mounting Height [11, 12, 13, 14] MS/X-L08=Bi-Level Motion Sensor, Maximum 8' Mounting Height [11, 12, 13, 14, 15] MS/X-L20=Bi-Level Motion Sensor, 9' - 20' Mounting Height [11, 12, 13, 14, 15] MS/X-L40=Bi-Level Motion Sensor, 21' - 40' Mounting Height [11, 12, 13, 14, 15] MS-L08=Motion Sensor for ON/OFF Operation, Maximum 8' Mounting Height [11, 12, 13, 14] MS-L20=Motion Sensor for ON/OFF Operation, 9' - 20' Mounting Height [11, 12, 13, 14] MS-L40=Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height [11, 12, 13, 14] DIMRF-LW=LumaWatt Wireless Sensor, Wide Lens for 8' - 16' Mounting Height [16] DIMRF-LN=LumaWatt Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height [16] L90=Optics Rotated 90° Left R90=Optics Rotated 90° Right MT=Factory Installed Mesh Top TH=Tool-less Door Hardware LCF=Light Square Trim Plate Painted to Match Housing [17] HSS=Factory Installed House Side Shield [18]	OA/RA1016=NEMA Photocontrol Multi-Tap - 105-285V OA/RA1027=NEMA Photocontrol - 480V OA/RA1201=NEMA Photocontrol - 347V OA/RA1013=Photocontrol Shorting Cap OA/RA1014=120V Photocontrol MA1252=10kV Surge Module Replacement MA1036-XX=Single Tenon Adapter for 2-3/8" O.D. Tenon MA1037-XX=2@180° Tenon Adapter for 2-3/8" O.D. Tenon MA1197-XX=3@120° Tenon Adapter for 2-3/8" O.D. Tenon MA1188-XX=4@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1189-XX=2@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1190-XX=3@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1191-XX=2@120° Tenon Adapter for 2-3/8" O.D. Tenon MA1038-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon MA1039-XX=2@180° Tenon Adapter for 3-1/2" O.D. Tenon MA1192-XX=3@120° Tenon Adapter for 3-1/2" O.D. Tenon MA1193-XX=4@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1194-XX=2@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1195-XX=3@90° Tenon Adapter for 3-1/2" O.D. Tenon FSIR-100=Wireless Configuration Tool for Occupancy Sensor [19] GLEON-MT1=Field Installed Mesh Top for 1-4 Light Squares GLEON-MT2=Field Installed Mesh Top for 5-6 Light Squares GLEON-MT3=Field Installed Mesh Top for 7-8 Light Squares GLEON-MT4=Field Installed Mesh Top for 9-10 Light Squares LS/HSS=Field Installed House Side Shield [18, 20]

Notes:
1. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
2. Standard 4000K CCT and minimum 70 CRI.
3. Requires the use of a step down transformer when combined with MS/DIM, MS/X or DIMRF.
4. Not to be used with un-grounded systems.
5. May be required when two or more luminaires are oriented on a 90° or 120° drilling pattern. Refer to arm mounting requirement table.
6. Factory installed.
7. 2L is not available with MS, MS/X or MS/DIM at 347V or 480V. 2L in AE-02 through AE-04 requires a larger housing, normally used for AE-05 or AE-06. Extended arm option may be required when mounting two or more fixtures per pole at 90° or 120°. Refer to arm mounting requirement table.
8. Not available with LumaWatt wireless sensors.
9. Extended lead times apply. Use dedicated IES files for 3000K and 6000K when performing layouts. These files are published on the Galleon luminaire product page on the website.
10. 1 Amp standard. Use dedicated IES files for 530mA and 700mA when performing layouts. These files are published on the Galleon luminaire product page on the website.
11. Consult factory for more information.
12. Utilizes internal step down transformer when 347V or 480V is selected.
13. The FSIR-100 accessory is required to adjust parameters.
14. Not available with HA option.
15. Replace X with number of Light Squares operating in low output mode.
16. LumaWatt wireless sensors are factory installed only requiring network components RF-EM1, RF-GW1 and RF-ROUT1 in appropriate quantities. See www.cooperlighting.com for LumaWatt application information.
17. Not available with house side shield (HSS).
18. Only for use with SL2, SL3, SL4 and AFL distributions. The Light Square trim plate is painted black when the HSS option is selected.
19. This tool enables adjustment of parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your Eaton's Cooper Lighting business representative for additional details.
20. One required for each Light Square.

Cooper Lighting by EATON

Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

Eaton's Cooper Lighting Business
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.cooperlighting.com

Specifications and dimensions subject to change without notice.

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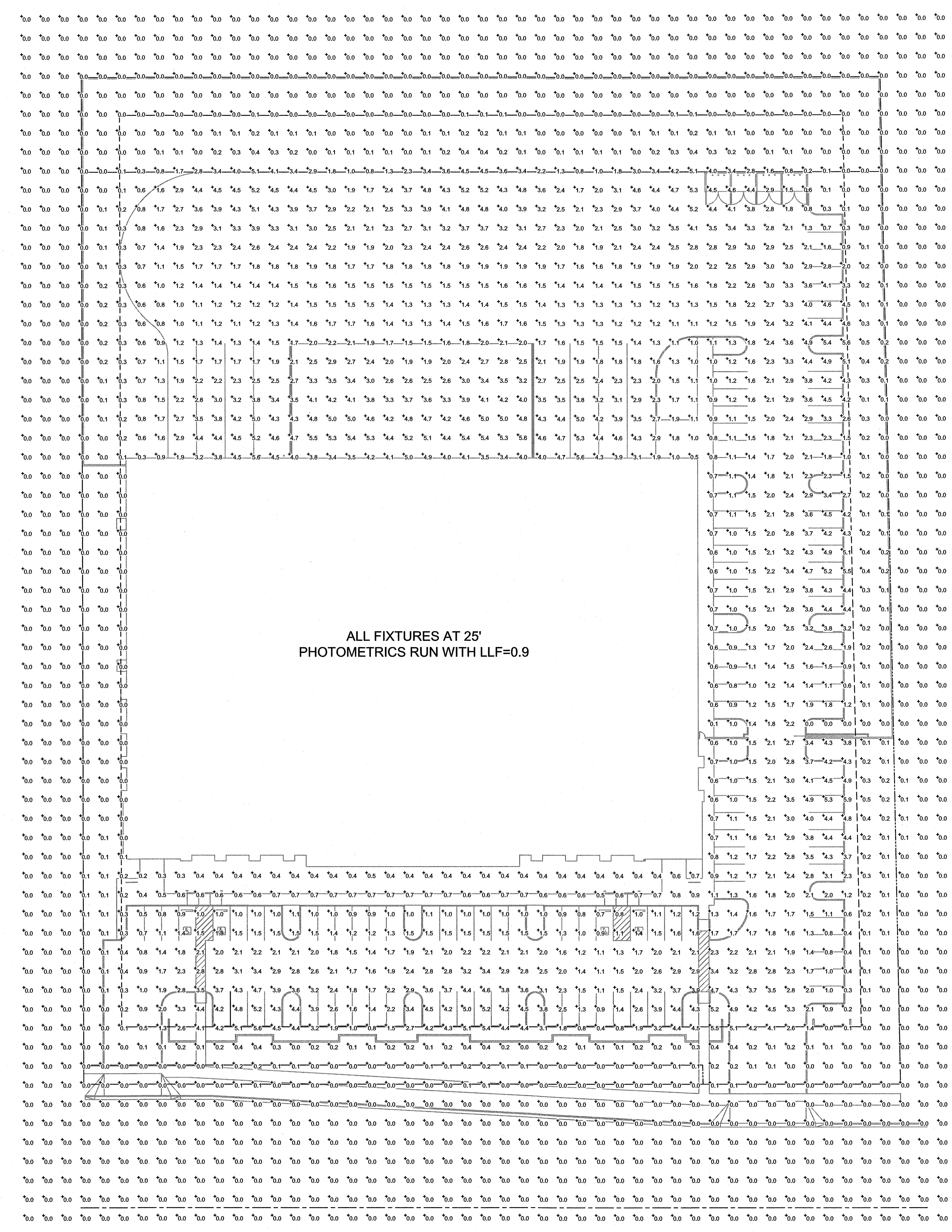

Sketch Architecture Company
2454 East Southern Avenue, Mesa, Arizona 85205 ph 480.668.8015 fax 480.668.8032

MOUNTAIN ROAD INDUSTRIAL BUILDING

6751 SOUTH MOUNTAIN ROAD, MESA, ARIZONA 85242

Registered Professional Engineer (Electrical) Certificate No. 18177 H. MARTIN SHOEMAKER 09-17-14 Date Signed ARIZONA, U.S.A. Expires 6/30/16

Mark & Date (D-M-Y)

SAC Project Number 2014-05

SITE PHOTOMETRICS

ENCO ENGINEERING INC.
P.O. BOX 31918, MESA, AZ 85275 (480) 844-9525

SITE PHOTOMETRICS

1" = 30'

E102

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