

save the family – conference center



Building Code Review

• GOVERNING BODY	CITY OF MESA
• ADDRESS	125 E UNIVERSITY DRIVE, MESA, ARIZONA
• ZONING	DC
• BUILDING CODE COMPLIANCE	CODES, ORDINANCES, AND AMENDMENTS LISTED
• USE & OCCUPANCY (SECTION 304)	GROUP "A-3" (COMMUNITY HALL)
• FIRE PROTECTION	NOT REQUIRED
• BUILDING GROSS SQUARE FOOTAGE	2424 sf
• TYPE OF CONSTRUCTION	V-B (PER TABLE 503)
• ALLOWABLE HEIGHT	1 STORY: 40 FEET
• ACTUAL HEIGHT	1 STORY: 24 FEET
• ALLOWABLE FLOOR AREA	
BASIC TABLE 503	6000 sf
• ACTUAL FLOOR AREA	2424 sf
• AUTOMATIC SPRINKLER SYSTEM (SECTION 903)	NOT REQUIRED
• FIRE RESISTIVE CONSTRUCTION (TABLE 601)	
TYPE OF CONSTRUCTION	TYPE V-B
STRUCTURAL WALLS	0 HOUR RATING
BEARING WALLS, EXTERIOR	0 HOUR RATING
BEARING WALLS, INTERIOR	0 HOUR RATING
NONBEARING WALLS, EXT	0 HOUR RATING
NONBEARING WALLS, INT	0 HOUR RATING
FLOOR CONSTRUCTION	0 HOUR RATING
ROOF CONSTRUCTION	0 HOUR RATING
• DRAFT STOPS (SECTION 717.3.3)	N/A
• UNPROTECTED OPENINGS (705.8.1)	UNLIMITED
• OCCUPANCY CALCULATION (TABLE 1004.1.1)	2424 / 15 = 161.60
• MEANS OF EGRESS REQUIRED (TABLE 1015.1)	
MEETING ROOM "A" 555 SF / 37 OCCUPANTS	
REQUIRED/PROVIDED	1 / 1
MEETING ROOM "B" 347 SF / 23 OCCUPANTS	
REQUIRED/PROVIDED	1 / 1
MEETING ROOM "C" 347 SF / 23 OCCUPANTS	
REQUIRED/PROVIDED	1 / 1
MEETING ROOM "COMBINED" 1214 SF / 81 OCCUPANTS	
REQUIRED/PROVIDED	2 / 2
CONFERENCE ROOMS "A" 1000 SF / 7 OCCUPANTS	
REQUIRED/PROVIDED	1 / 1
CONFERENCE ROOMS "B" 1000 SF / 7 OCCUPANTS	
REQUIRED/PROVIDED	1 / 1
• TOTAL EXIT WIDTH (162 OCCUPANTS)	0.2' x 162 = 32.4' REQUIRED / 144' PROVIDED
• MINIMUM PLUMBING FACILITIES	
TOTAL OCCUPANTS 94	47 MEN / 47 WOMEN
2902.2 SEPARATE FACILITIES	REQUIRED / PROVIDED
WATER CLOSETS REQUIRED	1 MEN / 1 WOMEN

Codes, Ordinances & Amendments

2012 INTERNATIONAL BUILDING CODE AND LOCAL AMENDMENTS
 2011 NATIONAL ELECTRICAL CODE
 2012 INTERNATIONAL EXISTING BUILDING CODE
 2011 NATIONAL ELECTRICAL CODE AND LOCAL AMENDMENTS
 2012 INTERNATIONAL PLUMBING CODE
 2012 INTERNATIONAL MECHANICAL CODE
 2012 INTERNATIONAL ENERGY CONSERVATION CODE
 2012 INTERNATIONAL FIRE CODE AND LOCAL AMENDMENTS
 2009 ANSI 117.1 - ACCESSIBILITY CODE

Project Directory

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JMA ENGINEERING CORPORATION
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 (602) 248-0976

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 University Drive
 Mesa, Arizona



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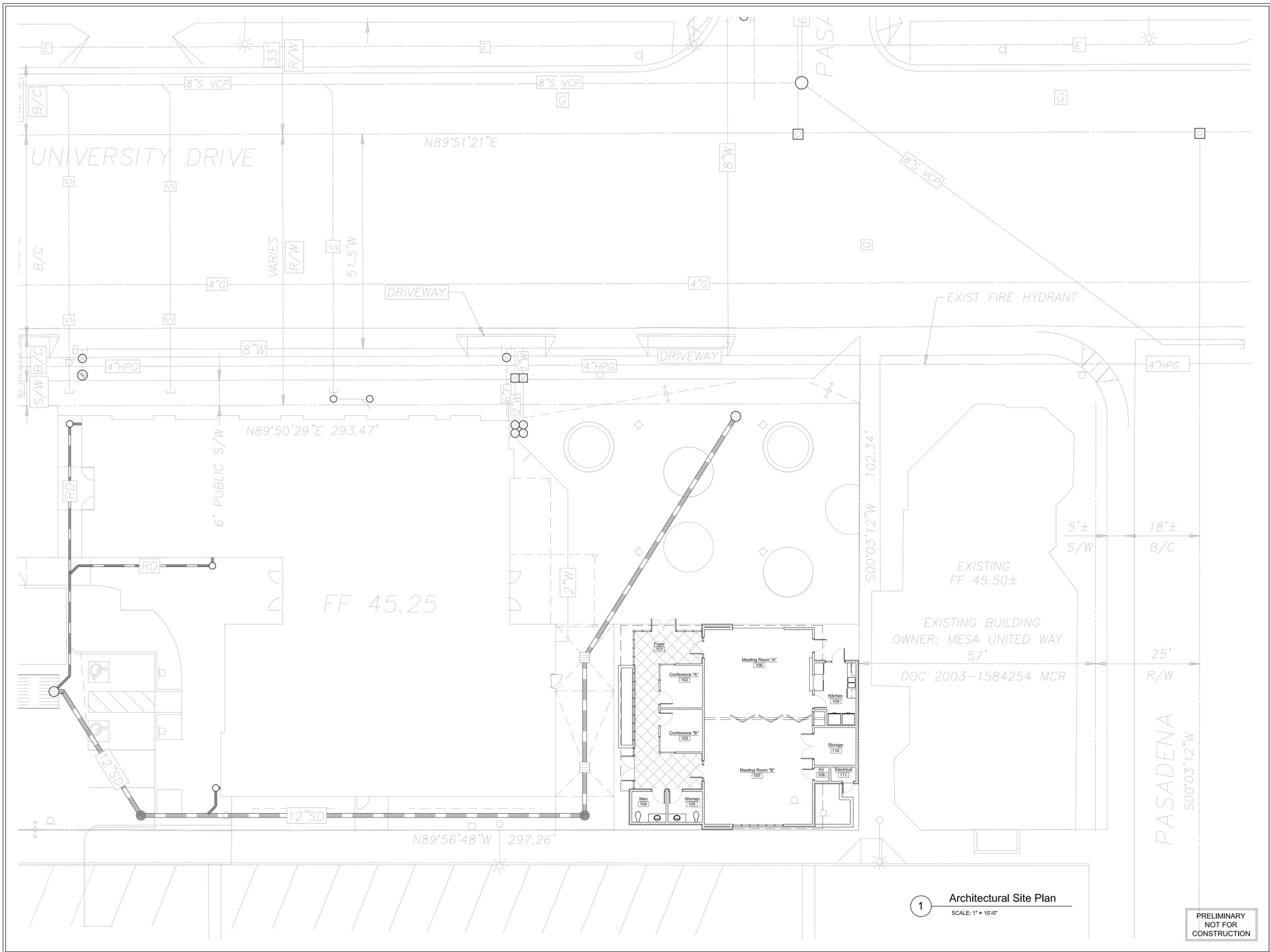
PROJECT NO. P15-006
 DATE 07/23/2015
 DRAWN BY MA
 CHECKED BY CE

SHEET CONTENTS

SHEET

G1.0

PRELIMINARY
 NOT FOR
 CONSTRUCTION



1 Architectural Site Plan
SCALE: 1" = 10'-0"

PRELIMINARY
NOT FOR
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University Drive
Mesa, Arizona



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SHEET CONTENTS

SHEET
G2.0

GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL CONFORM TO THE CURRENT UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION AS FURNISHED BY THE MARICOPA ASSOCIATION OF GOVERNMENTS AND AS AMENDED BY THE CITY OF MESA. ALL WORK AND MATERIALS NOT IN CONFORMANCE WITH THESE AMENDED SPECIFICATIONS AND DETAILS ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
2. SEPARATE RIGHT-OF-WAY PERMITS ARE REQUIRED FOR ALL PUBLIC UTILITIES, PUBLIC STREET IMPROVEMENTS, AND RIGHT-OF-WAY LANDSCAPING. FOR INFORMATION REGARDING AVAILABILITY AND COST OF RIGHT-OF-WAY PERMITS, CONTACT THE PERMIT SERVICES SECTION OF THE BUILDING SAFETY DIVISION AT (480) 644-4BSD, OR AT <HTTP://WWW.MESAAZ.GOV/DEVSUSTAIN/CONSTRUCTIONPERMITS.ASPX>. THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED UNLESS OTHERWISE NOTED. CONTRACTORS MUST HOLD THE APPROPRIATE CLASS OF LICENSE AND SHALL HAVE ON FILE WITH THE PERMIT SERVICES SECTION PROOF OF INSURANCE COVERAGE. PERMITS BECOME INVALID AND MUST BE UPDATED IF WORK HAS NOT BEGUN WITHIN NINETY (90) DAYS. PERMITS ALSO BECOME INVALID IF THE CONTRACTOR'S INSURANCE LAPSES OR IS VOIDED.
3. TWENTY FOUR (24) HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK, CONSTRUCTION OR INSTALLATIONS ASSOCIATED WITH THIS PERMIT, THE PERMITTEE SHALL NOTIFY CITY OF MESA ENGINEERING CONSTRUCTION SERVICES AT (480) 644-2253 OF INTENT TO BEGIN AND REQUEST/SCHEDULE PRELIMINARY FIELD REVIEW AT THE PROJECT SITE WITH THE CITY OF MESA ENGINEERING CONSTRUCTION INSPECTOR. FAILURE TO PROVIDE PROPER INSPECTION NOTIFICATION AS PRESCRIBED ABOVE, SHALL RESULT IN THIS PERMIT BECOMING INVALID AND WORK BEING STOPPED.
4. CONTRACTOR'S SHALL COMPLY WITH THE REQUIREMENTS TO OBTAIN THE NECESSARY RIGHT-OF-WAY PERMITS AND SHALL COMPLY WITH THE RIGHT-OF-WAY PERMIT CONDITIONS AS FOUND ON THE BACK OF THE PERMIT FORM.
5. THE CITY OF MESA PARKS & RECREATION DIVISION IS NOT REPRESENTED BY BLUE STAKE. WHEN THE CONTRACTOR EXCAVATES NEAR OR ADJACENT TO A CITY PARK, THE CONTRACTOR SHALL CONTACT THE PARKS & RECREATION ADMINISTRATION SECTION AT (480) 644-2354 TO REQUEST ASSISTANCE IN LOCATING ALL THEIR UNDERGROUND FACILITIES.
6. THE CONTRACTOR SHALL OBTAIN AN EARTH-MOVING PERMIT FROM THE MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT AND SHALL COMPLY WITH ITS REQUIREMENTS FOR DUST CONTROL.
7. THE ENGINEER HEREBY CERTIFIES AS EVIDENCED BY A PROFESSIONAL SEAL & SIGNATURE, THAT ALL AFFECTED UTILITY COMPANIES BOTH PUBLIC AND PRIVATE HAVE BEEN CONTACTED AND ALL EXISTING AND/OR PROPOSED UTILITY LINES AND OTHER RELATED INFORMATION HAVE BEEN TRANSFERRED ONTO THESE PLANS. THE ENGINEER OR ARCHITECT ALSO HEREBY CERTIFIES THAT ALL EXISTING AND/OR PROPOSED PUBLIC RIGHT-OF-WAY OR EASEMENT HAVE BEEN CORRECTLY PLOTTED/SHOWN.
8. THE ENGINEER, OR LAND SURVEYOR OF RECORD SHALL CERTIFY UPON COMPLETION OF CONSTRUCTION THAT ALL PUBLIC IMPROVEMENTS (WATER AND SEWER UTILITIES, STORM SEWER, CONCRETE, PAVING, STREET LIGHTS, ETC.) HAVE BEEN INSTALLED AT THE LOCATIONS AND ELEVATIONS SHOWN ON THE APPROVED PLANS. ANY CHANGES SHALL BE REFLECTED ON "AS-BUILT" DRAWINGS PROVIDED BY THE ENGINEER TO THE ENGINEERING DEPARTMENT - CONSTRUCTION SERVICES SECTION.
9. THE REGISTERED ENGINEER OR LAND SURVEYOR SHALL CERTIFY THAT THE MINIMUM HORIZONTAL AND VERTICAL SEPARATION BETWEEN UTILITIES WITHIN PUBLIC RIGHT-OF-WAY OR EASEMENTS HAS BEEN MAINTAINED AS REQUIRED BY LAW OR POLICY.
10. THE DEVELOPER SHALL PROVIDE ALL CONSTRUCTION STAKING FOR THE PROJECT.
11. THE DEVELOPER OR THE ENGINEER IS RESPONSIBLE FOR ARRANGING FOR THE RELOCATION OR REMOVAL OF ALL UTILITIES OR FACILITIES THAT ARE IN CONFLICT WITH THE PROPOSED PUBLIC IMPROVEMENTS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE RELOCATION OF ALL UTILITIES, POWER POLES, IRRIGATION DRY-UPS, RESETS REMOVALS BY OTHERS, ETC.
12. THE CONTRACTORS SHALL LOCATE ALL UTILITIES PRIOR TO EXCAVATION AND AVOID DAMAGE TO SAME. CALL (602) 263-1100 FOR BLUE STAKE TWO WORKING DAYS PRIOR TO DIGGING. CALL SALT RIVER PROJECT FOR POLE BRACING, ELECTRIC SERVICE OR CONSTRUCTION SCHEDULING AT (602) 273-8888.
13. WHEN GAS MAINS AND/OR SERVICES ARE EXPOSED, CONTACT THE CITY OF MESA AT (480) 644-2261 FOR INSPECTION OF THE EXPOSED PIPE AND COATING PRIOR TO BACKFILLING OF THE TRENCH.
14. CONTRACTORS SHALL COMPLY WITH THE PROVISIONS FOR TRAFFIC CONTROL AND BARRICADING PER THE CURRENT CITY OF MESA TRAFFIC BARRICADE MANUAL.
15. IF A FIRE HYDRANT IS NEEDED TO OBTAIN CONSTRUCTION WATER, THE CONTRACTOR SHALL OBTAIN A FIRE HYDRANT METER FROM PERMIT SERVICES AND PAY ALL APPLICABLE FEES AND CHARGES.
16. IF DURING THE CONSTRUCTION OF A PUBLIC FACILITY, THE CONTRACTOR FAILS TO OR IS UNABLE TO COMPLY WITH A REQUEST OF THE ENGINEERING CONSTRUCTION INSPECTOR, AND IT IS NECESSARY FOR CITY FORCES TO DO WORK THAT IS NORMALLY THE CONTRACTOR'S RESPONSIBILITY, THE CITY SHALL BE JUSTIFIED IN BILLING THE CONTRACTOR. EACH INCIDENT REQUIRING WORK BY CITY FORCES SHALL BE COVERED BY A SEPARATE BILLING AT THE CURRENT APPLICABLE RATES.
17. THE CONTRACTOR IS ADVISED THAT DAMAGE TO PUBLIC SERVICES OR SYSTEMS AS A RESULT OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AND INSPECTED BY THE CITY INSPECTOR. UNLESS OTHERWISE APPROVED BY THE CITY, ALL REPAIRS SHALL BE DONE WITHIN 24 HOURS. THE CONTRACTOR IS ADVISED THAT ANY COSTS RELATED TO REPAIR OR REPLACEMENT OF DAMAGED PUBLIC SERVICES AND SYSTEMS AS A RESULT OF CONTRACTOR'S ACTIVITIES SHALL BE BORNE BY THE CONTRACTOR.

STORMWATER DRAINAGE & RETENTION NOTES

THE ENGINEER, OR LAND SURVEYOR SHALL CERTIFY THAT THE REQUIRED STORMWATER RETENTION HAS BEEN PROVIDED. THE CERTIFICATION SHALL ALSO INDICATE THE ACTUAL VOLUME PROVIDED. SUCH CERTIFICATION SHALL BE PROVIDED TO BUILDING SAFETY DIVISION-BUILDING INSPECTIONS WHEN THE RETENTION AREA IS TO REMAIN PRIVATE PROPERTY AND TO ENGINEERING CONSTRUCTION SERVICE WHEN THE RETENTION AREA IS TO BECOME CITY OF MESA PROPERTY.

CITY OF MESA PUBLIC WASTEWATER UTILITY NOTES

1. CONTRACTORS SHALL VERIFY ALL INVERT ELEVATIONS BEFORE PROCEEDING WITH THE BALANCE OF THE UTILITY TRENCHING.
2. ALL MANHOLES PER M.A.G. DETAILS MUST NECK DOWN TO USE THE STANDARD 30-INCH FRAME AND COVER. STEPS SHALL NOT BE INSTALLED WITHIN THE MANHOLE.

GRADING, DRAINAGE AND UTILITY PLANS

FOR SAVE THE FAMILY CONFERENCE CENTER

125 EAST UNIVERSITY DRIVE MESA, ARIZONA

CITY OF MESA PUBLIC WATER UTILITY NOTES

1. ALL PUBLIC WATER MAIN MATERIALS SHALL BE PER SECTION 610.3 OF THE M.A.G. UNIFORM STANDARD SPECIFICATIONS. ALL DUCTILE IRON PIPE (D.I.P.) WATER MAINS SHALL HAVE POLYETHYLENE CORROSION PROTECTION PER SECTION 610.5 OF THE M.A.G. UNIFORM STANDARD SPECIFICATIONS.
2. ALL NEW WATERLINES THAT REQUIRE SERVICE DISRUPTION IN ORDER TO CONNECT TO THE CITY SYSTEM SHALL REQUIRE A DAYTIME TIE-IN. THE CONTRACTOR SHALL COMPLETE ALL WORK NECESSARY TO RESTORE UTILITY SERVICE AND FULLY OPEN THE TIE-IN AREA TO VEHICULAR TRAFFIC WITHIN THE TIME FRAME ALLOWED BY THE CITY OF MESA ENGINEERING CONSTRUCTION INSPECTOR.
3. THE CONTRACTOR SHALL INSTALL A TEMPORARY PLUG OR VALVE ON A SECTION OF NEW WATER LINE TO TEST LINES BEFORE CONNECTING TO THE EXISTING PUBLIC WATER SYSTEM WHERE THERE IS NO WATER VALVE ON THE EXISTING LINE.
4. WATER LINE TESTS SHALL BE CONDUCTED SO THAT EXISTING WATER LINES WILL NOT BE INCLUDED IN THE TEST OF THE NEW LINE.
5. THE REQUIRED BACKFLOW PREVENTION ASSEMBLY SHALL BE A MANUFACTURER AND MODEL DESIGNATED IN THE CURRENT "LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES" AS PUBLISHED BY THE FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH, UNIVERSITY OF SOUTHERN CALIFORNIA.
6. THE BACKFLOW PREVENTION ASSEMBLY SHALL BE TESTED AND APPROVED BY A CERTIFIED TECHNICIAN DESIGNATED IN THE CURRENT CITY OF MESA "LIST OF APPROVED INSPECTORS" PRIOR TO THE REQUEST FOR FINAL INSPECTION.
7. IN ACCORDANCE WITH ARIZONA ADMINISTRATIVE CODE (A.A.C.) R18-4-119, ALL MATERIALS ADDED AFTER JANUARY 1, 1993, WHICH MAY COME INTO CONTACT WITH DRINKING WATER, SHALL CONFORM TO NATIONAL SANITATION FOUNDATION STANDARDS 60 AND 61.
8. PER CITY ORDINANCE NO. 2341, ALL WATER METERS ARE TO BE PURCHASED FROM THE CITY OF MESA. METERS TWO INCHES OR LESS WILL BE DELIVERED AND INSTALLED BY CITY FORCES. METERS THREE INCHES OR LARGER WILL BE DELIVERED BY THE CITY AND INSTALLED BY THE CONTRACTOR AND REQUIRE SCHEDULING AND INSPECTIONS WITH CITY FORCES (CONTACT BUILDING SAFETY - PERMIT SERVICES (480)-644-4BSD FOR THE SPECIFIC PROCEDURE).

PUBLIC QUANTITIES

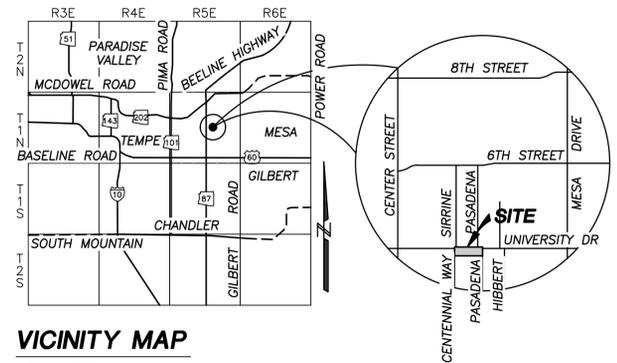
PUBLIC SEWER IMPROVEMENTS	
6" SEWER SERVICE	1 EA

AS-BUILT CERTIFICATION

"I HEREBY CERTIFY THAT THE "RECORD DRAWING" MEASUREMENTS AS SHOWN HEREON WERE MADE UNDER MY SUPERVISION OR AS NOTED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF."

REGISTERED LAND SURVEYOR _____ DATE _____

REGISTRATION NUMBER _____



VICINITY MAP

MESA, ARIZONA

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DEVELOPER

SAVE THE FAMILY
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MESA, ARIZONA 85201
PHONE: (480) 898-0228

SHEET INDEX

- C1 COVER SHEET
- C2 GRADING AND DRAINAGE PLAN

ASSESSOR PARCEL NUMBER

138-61-094E

LEGAL DESCRIPTION

PARCEL 3 OF MINOR LAND DIVISION RECORDED AS INSTRUMENT NUMBER 2014-076280, RECORDS OF MARICOPA COUNTY, ARIZONA;

AREA

3,450 SQUARE FEET OR 0.0792 NET ACRES, MORE OR LESS

FLOOD ZONE CLASSIFICATION

ZONE "X": AREAS BETWEEN LIMITS OF THE 100-YEAR FLOOD AND THE 500-YEAR FLOOD; OR CERTAIN AREAS SUBJECT TO 100-YEAR FLOODING WITH AVERAGE DEPTHS OF LESS THAN ONE FOOT; OR WHERE THE CONTRIBUTING DRAINAGE AREA IS LESS THAN ONE SQUARE MILE; OR AREAS PROTECTED BY LEVEES FROM THE BASE FLOOD. FIRM MAP 04013C2190G, DATED SEPTEMBER 30, 2005.

UTILITY COORDINATION

UTILITY:	DATE SENT:	UTILITY:	DATE SENT:
DESIGN EXPEDITION	9/19/12	RICKI WORLEY	9/19/12
SALT RIVER PROJECT (POWER)	DATE	SOUTHWEST GAS	DATE
AARON DICK	9/19/12	DENNIS SEGARS, LEAD TECHNICIAN	9/19/12
SALT RIVER PROJECT (SRVWUA)	DATE	EL PASO NATURAL GAS	DATE
MELISSA HOLMES	9/19/12	DAN TARANGO	9/19/12
ARIZONA PUBLIC SERVICE	DATE	KINDER-MORGAN ENERGY PARTNERS	DATE
LIAISON	9/19/12	COLIN SWORD	9/19/12
QWEST COMMUNICATIONS	DATE	SPRINT TELEPHONE LONG DISTANCE	DATE
TRAFFIC MANAGEMENT CENTER-DV64	9/19/12	JOHNNY G. GONZALES	9/19/12
AIR PRODUCTS & CHEMICALS INC.	DATE	AT&T TELEPHONE LONG DISTANCE	DATE
COX COMMUNICATIONS	9/19/12		
KEVIN MCKENZIE	DATE		

REVISIONS

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JMA
ENGINEERING
CORPORATION

531 E BETHANY HOME ROAD,
PHOENIX, ARIZONA 85012

JMA PROJECT NO. 1203.8
DATE 04/01/2015
DRAWN BY XX
CHECKED BY XX

SHEET CONTENTS

COVER SHEET

SHEET

C1

OF 2



DRAFT



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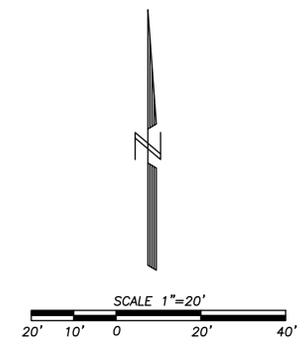
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DATE 04/01/2015
DRAWN BY XX
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SHEET CONTENTS

GRADING AND DRAINAGE

SHEET
C2
OF 2



CONSTRUCTION KEY NOTES

- ① SAWCUT AND REMOVE EXISTING SIDEWALK AND/OR PATIO AREA BEHIND CURB AND GUTTER. SEE ARCHITECTURAL PLANS FOR SURFACE REPLACEMENT.
- ② NEW CONCRETE PATIO AREA WITH HARDSCAPE AND TREE WELLS AS APPLICABLE PER SEPARATE ARCHITECTURAL PLANS.
- ③ REPLACE EXISTING PAVEMENT PER CITY OF MESA STANDARD DETAIL M-19.4.

SEWER KEY NOTES

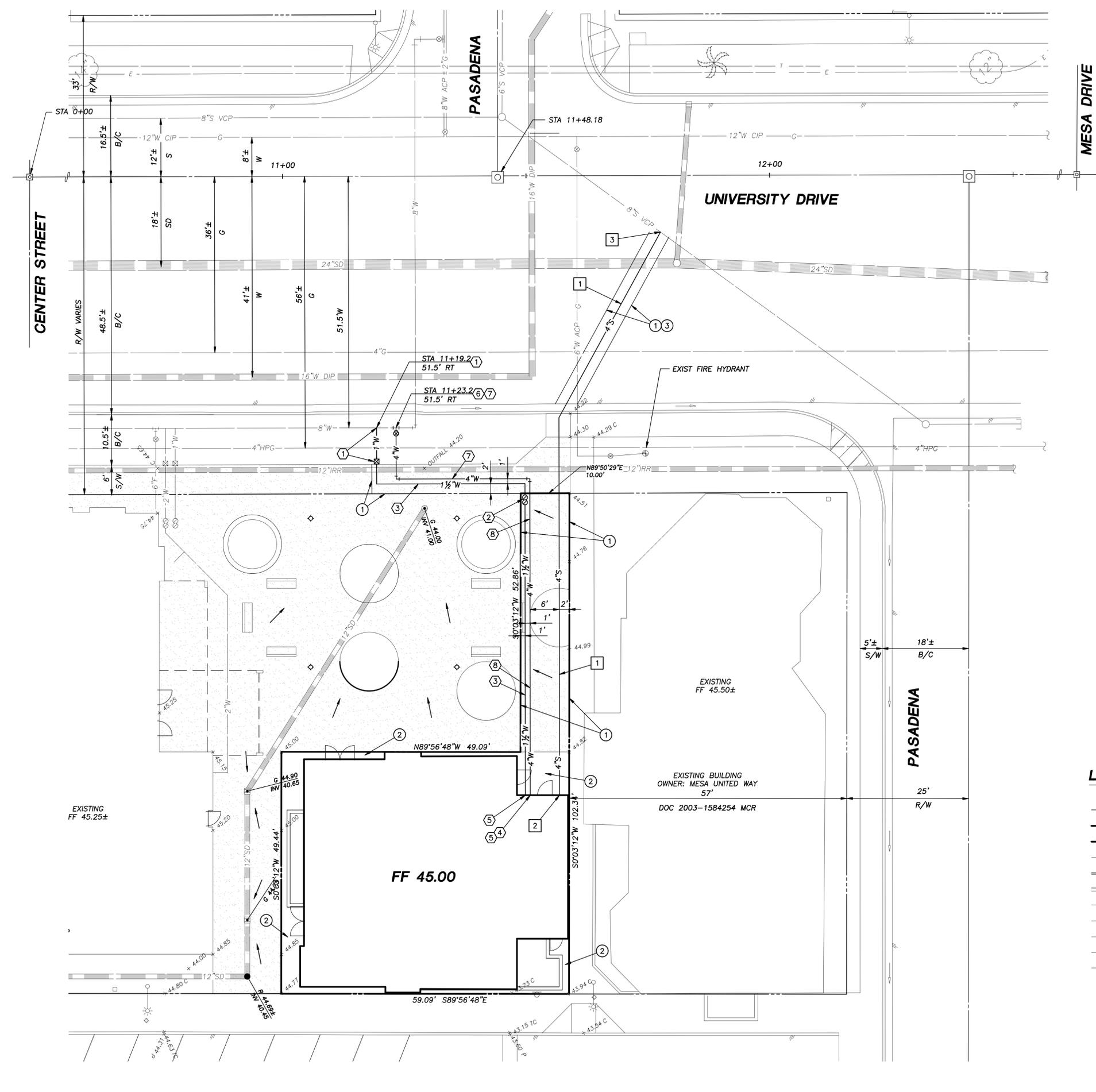
- ① NEW 4-INCH SDR-35 PVC PRIVATE SEWER SERVICE. SLOPE AND CLEANOUT SPACING PER IPC. CLEANOUT CONSTRUCTION PER MAG STANDARD DETAIL 441. PROVIDE INSULATED COPPER TRACER WIRE (18 AWG) OR OTHER APPROVED CONDUCTOR ADJACENT TO PIPING PER IPC 701.10.
- ② SEE PLUMBING PLANS FOR EXACT BUILDING POINT CONNECTION, ELEVATION, AND FOR CONTINUATION.
- ③ TAP EXISTING 8-INCH VCP SEWER LINE.

WATER KEY NOTES

- ① NEW 1-INCH SERVICE AND 1-INCH DOMESTIC METER PER COM DETAILS M-29, M-49.1, AND M-49.2.
- ② NEW 1 1/2-INCH REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY PER CITY OF MESA STANDARD DETAIL M-31.3 PAINTED TO MATCH BUILDING COLOR. THE WATER METER TO BE INSTALLED PER CITY OF MESA FORCES ONCE APPROPRIATE FEES HAVE BEEN PAID.
- ③ NEW 1 1/2-INCH SCHEDULE 40 DOMESTIC WATER SERVICE PER IPC. SERVICE IS CONNECTED TO 1-INCH METER.
- ④ CONTINUE 4-INCH FIRE LINE INTO BUILDING WITH A 90° BENDS AS REQUIRED. COORDINATE WITH FIRE SPRINKLER PLANS. BLIND FLANGE AT 12-INCHES ABOVE FINISH FLOOR. NEW CHECK VALVE ASSEMBLY PER CITY OF MESA M-31.6
- ⑤ SEE SEPARATE PLUMBING PLANS FOR CONTINUATION.
- ⑥ NEW 8"x4" TAPPING SLEEVE, VALVE, BOX AND COVER PER MAG STANDARD DETAILS 340 AND 391.1 TYPE C.
- ⑦ NEW 4-INCH DIP FIRE LINE IN RIGHT-OF-WAY, PRESSURE CLASS 350, INSTALL WITH THRUST BLOCKS PER MAG STANDARD DETAIL 380. TRANSITION TO PVC ON-SITE PER COM STANDARD DETAIL M-31.7.
- ⑧ NEW 4-INCH CLASS 900 PVC (200 PSI) FIRE LINE (MIN 3' COVER) ON-SITE. INSTALL WITH THRUST BLOCKS PER NFPA 24.

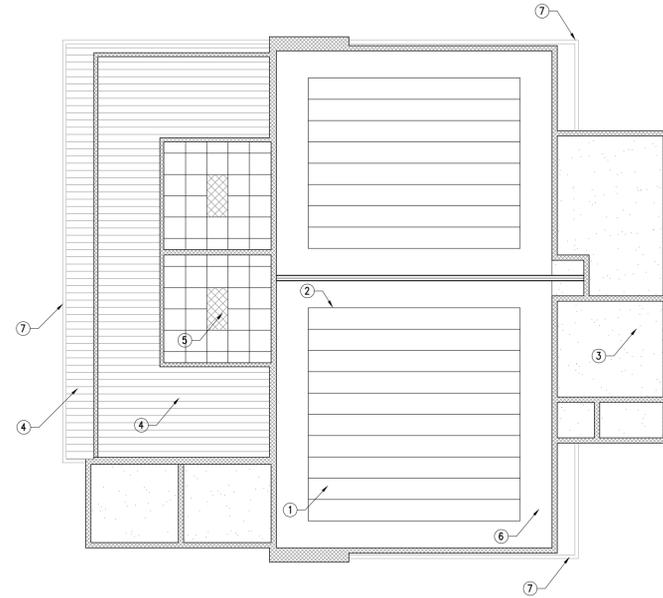
LEGEND

⊠	BRASS CAP IN HANDHOLE	⊙	NEW WATER VALVE
---	CENTERLINE	⊕	NEW FIRE HYDRANT
---	RIGHT-OF-WAY	∞	NEW BACK FLOW PREVENTER
---	PROPERTY LINE	⊠	NEW WATER METER
---	EXISTING PAVEMENT	○	NEW SEWER CLEANOUT
---	EXISTING STORMDRAIN	←	FLOW ARROW
---	EXISTING ELUETFRACIAL GUTTER	S	NEW SEWER LINE
---	EXISTING GAS	W	NEW WATER LINE
---	EXISTING TELEPHONE	F	NEW FIRE LINE
---	EXISTING WATER	◇	EXISTING LIGHT POLE
---	EXISTING SEWER	TC	TOP OF CURB
⊕	EXISTING FIRE HYDRANT	P	PAVEMENT
⊠	EXISTING WATER METER	C	CONCRETE
⊙	EXISTING TREE	SD	STORMDRAIN
⊙	EXISTING SIGN	G	GRATE
□	EXISTING UTILITY BOX	INV	INVERT
○	EXISTING MANHOLE	FL	FLOW LINE
⊙	EXISTING LIGHT POLE	RD	ROOF DRAIN
		COM	CITY OF MESA



EXISTING BUILDING
OWNER: MESA UNITED WAY
57'
DOC 2003-1584254 MCR

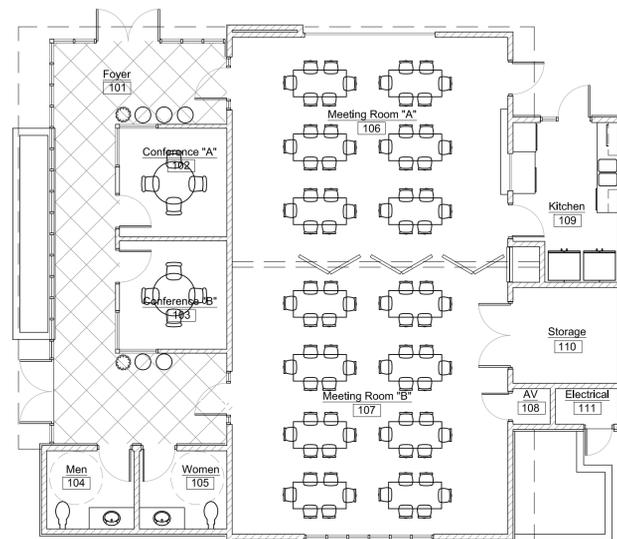
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Ceiling Plan Keynotes

1. Acoustical Panel Cloud: Tectum "Full Span Panels" with natural finish, concealed grid, beveled edge, 23-³/₈" wide continuous panel.
2. Acoustical Cloud Edge: "Campasso" as manufactured by USG, 6" high, suspension wires to be vertical cable at regular intervals; color: "silver satin".
3. Drywall Ceiling: textured and painted finish.
4. Metal soffit panels: "Flush Seam Panels" as manufactured by Berridge; metallic color finish.
5. 2' x 2' Acoustical Ceiling Tiles in metallic finished thin line grid.
6. Structure above; painted finish.
7. Steel Tube: 4" x 8"; see Structural Drawings

1 Ceiling Plan *(as reflected on the Floor Plan)*
SCALE: 1/8" = 1'-0"



2 Furniture Plan *(for reference only)*
SCALE: 1/8" = 1'-0"



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TREEHOUSE DESIGN GROUP, LLC
1710 E WAVERLY STREET
TUCSON, ARIZONA 85719

CONSULTANTS

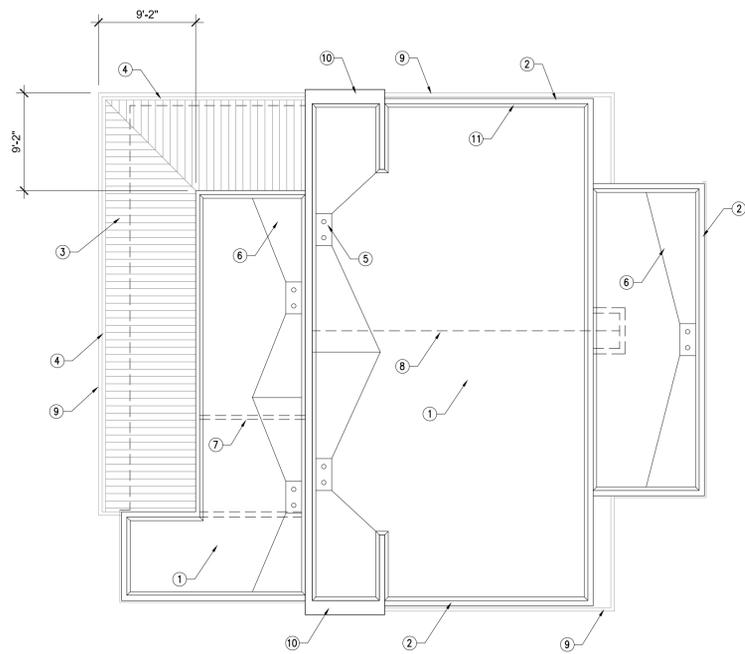
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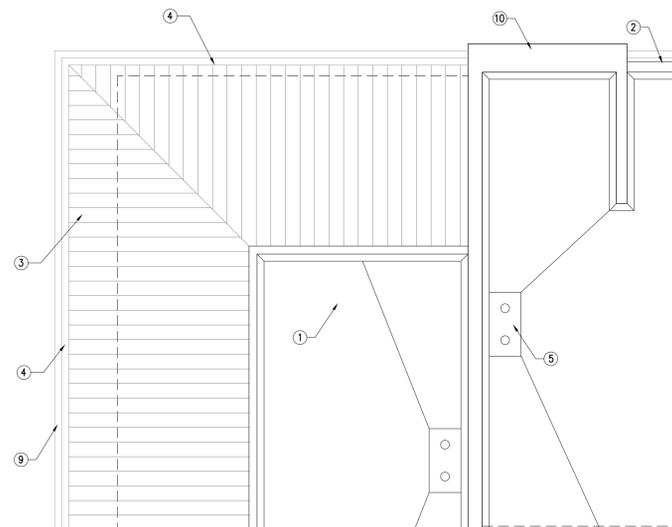
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1 Roof Plan
SCALE: 1/8" = 1'-0"

Roof Plan Keynotes

1. Membrane Roofing; TPO; wrap up roof side of parapet to form wall flashing.
2. Sheet metal parapet cap with F Reveal (Fry Reglet) edge at stucco or tile termination.
3. Standing Seam Metal Roofing; "Tite-Loc Panels" as manufactured by Pac Clad - Pederson Aluminum, metallic finish.
4. Concealed Gutter; pre-finished by Berridge on all surfaces.
5. Roof drain and overflow; see plumbing drawings.
6. Cricket formed of tapered rigid insulation; 1/2" per foot minimum slope.
7. Line of wall below.
8. Line of operable walls below.
9. Steel Tube; 4" x 8"; see Structural Drawings.
10. Wall Tile parapet cap to match porcelain tile; see elevations.
11. 4" Cant Strip at roof to parapet intersections.



2 Roof Plan Detail
SCALE: 1/4" = 1'-0"



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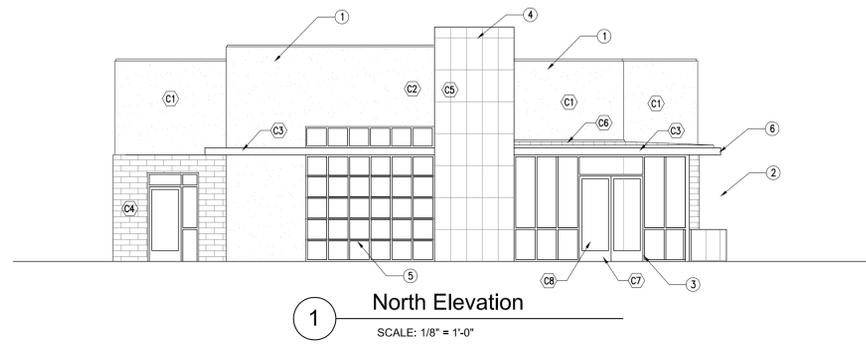
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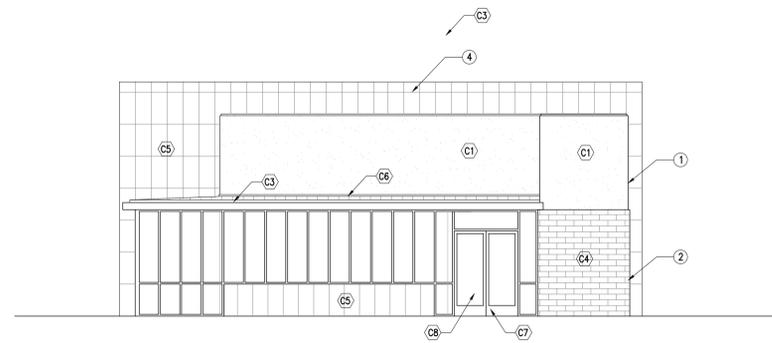
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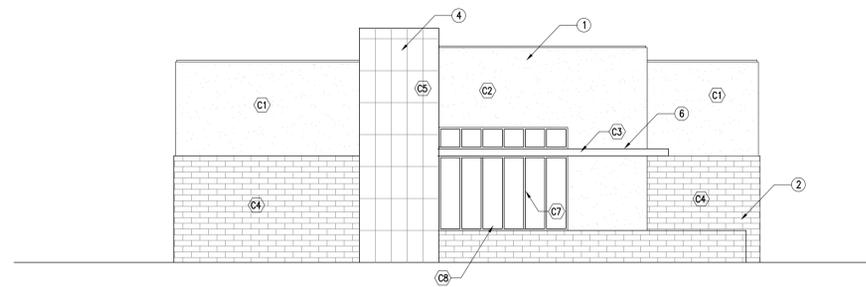
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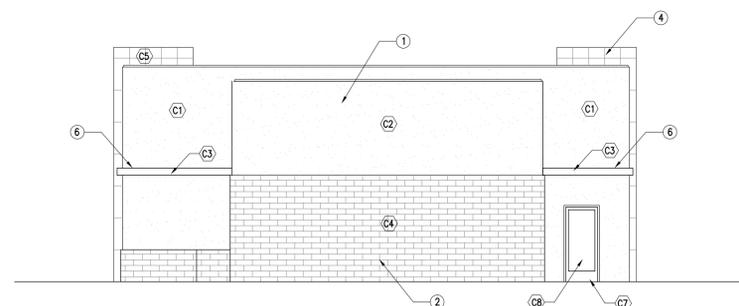
1 North Elevation
SCALE: 1/8" = 1'-0"



2 West Elevation
SCALE: 1/8" = 1'-0"



3 South Elevation
SCALE: 1/8" = 1'-0"



4 East Elevation
SCALE: 1/8" = 1'-0"

Elevation Keynotes

1. Stucco: 3 coat over expanded metal lath, painted finish.
2. Brick Veneer: 2" brick veneer "Sandmold-Cotswald" as manufactured by McNear Brick & Block.
3. Aluminum Storefront: 2" x 4 1/2" storefront framing as manufactured by Kawneer.
4. Porcelain Cladding: 18" x 36" tiles; start tile layout with full tile widths at each corner and locate partial width tiles at the center of the run; miter each outside corner.
5. Sectional Aluminum Glass Door: "Model 521" as manufactured by Overhead Door.
6. Steel Tube: 4" x 8", see Structural Drawings.

Color and Material Notes

1. Stucco Color No. 1: DE6213 Fine Grain by Dunn Edwards
2. Stucco Color No. 2: DE6124 Whole Wheat by Dunn Edwards
3. Steel "Eyebrow" Color No. 3: SW7003 Torque White by Sherwin Williams
4. Thin-Brick Veneer: "Embarcadero" Sandmold as manufactured by McNear Brick
5. Porcelain Cladding: 18" x 36" porcelain panels "Weathered Black Rigato" by Iris US
6. Standing Seam Metal Roofing: "Preweathered Galvalume" by Berridge
7. Aluminum Window Frames: "Clear Anodized" by Kawneer
8. Glass: "Solar Gray" Low E by LOF



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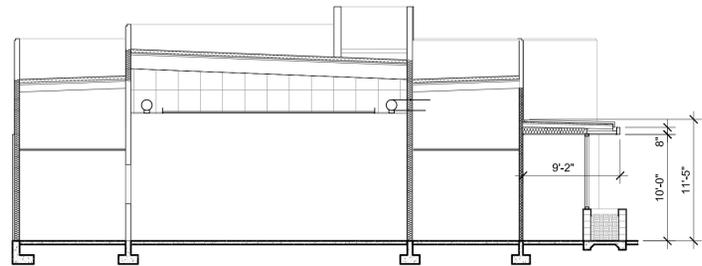
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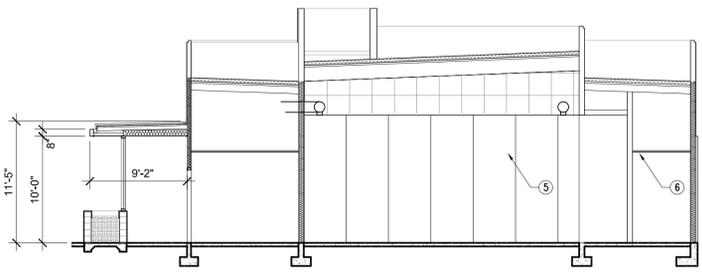
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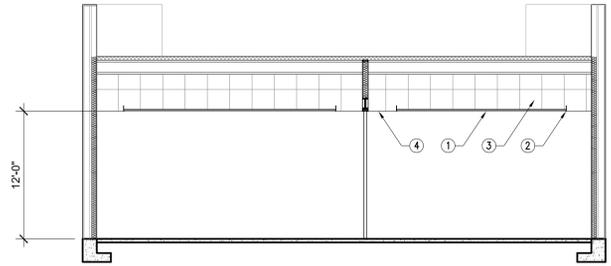
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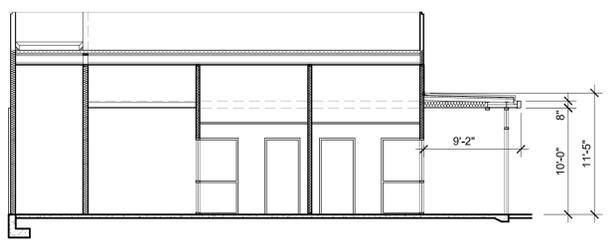
A Building Section
SCALE: 1/8" = 1'-0"



B Building Section
SCALE: 1/8" = 1'-0"



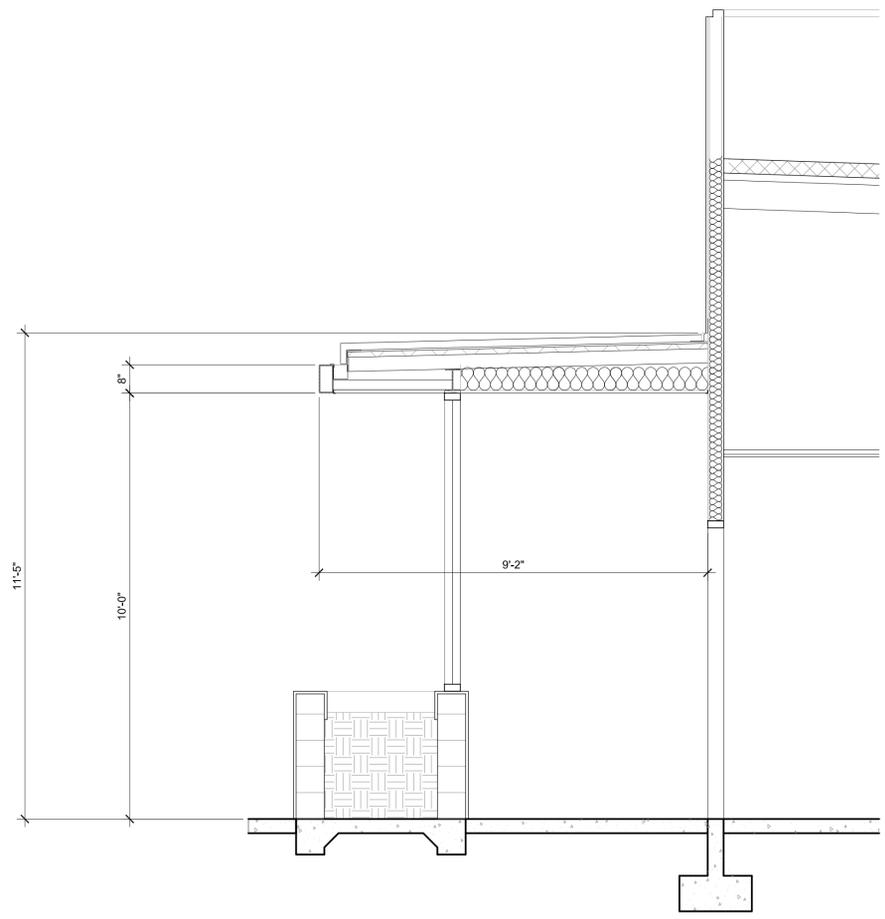
C Building Section
SCALE: 1/8" = 1'-0"



D Building Section
SCALE: 1/8" = 1'-0"

Building Section Keynotes

1. Acoustical Panel Cloud: Tectum "Full Span Panels" with natural finish, 2" thick, NRC 0.55, concealed grid, beveled edge, 23-3/4" wide continuous panel.
2. Acoustical Cloud Edge: "Campasso" as manufactured by USG, 6" high, suspension wires to be vertical cable at regular intervals; color: "silver satin".
3. Acoustical Wall Panels: "Radar - Climaplus" Model 2210, as manufactured by USG, 2' x 2' x 3/4", black, square edge, NRC 0.55, Class A; glue-applied to walls above 12 feet, set on aluminum molding.
4. Aluminum Reveal Molding: "F-Reveal" as manufactured by Fry Reglet; mounted to wall supporting the wall mounted acoustical panels above, with screw flange up to be covers by panels; finished top of reveal and bottom of acoustical panel to be 12 feet AFF (above finish floor).
5. Operable Partition: 11 panel, NRC 50 paired panels as manufactured by Modernfold.
6. Suspended drywall system as manufactured by USC.



7 Wall Section
SCALE: 1/2" = 1'-0"



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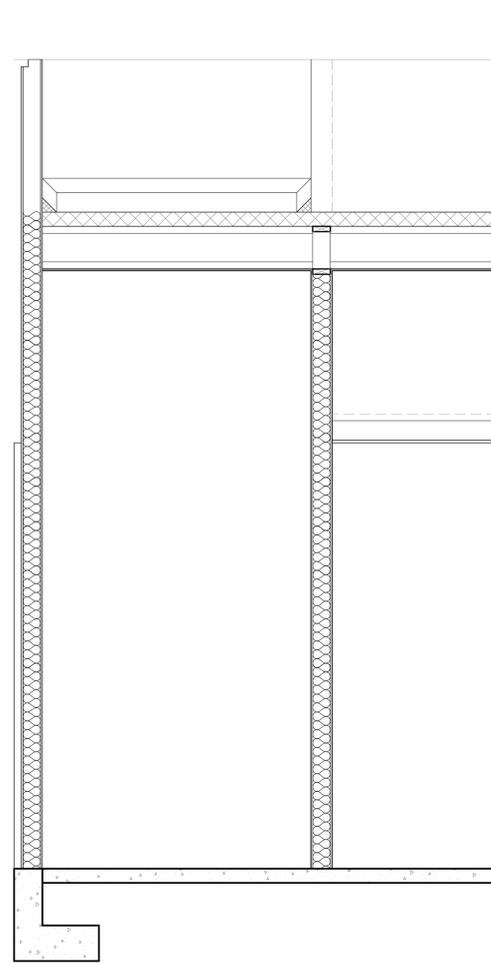
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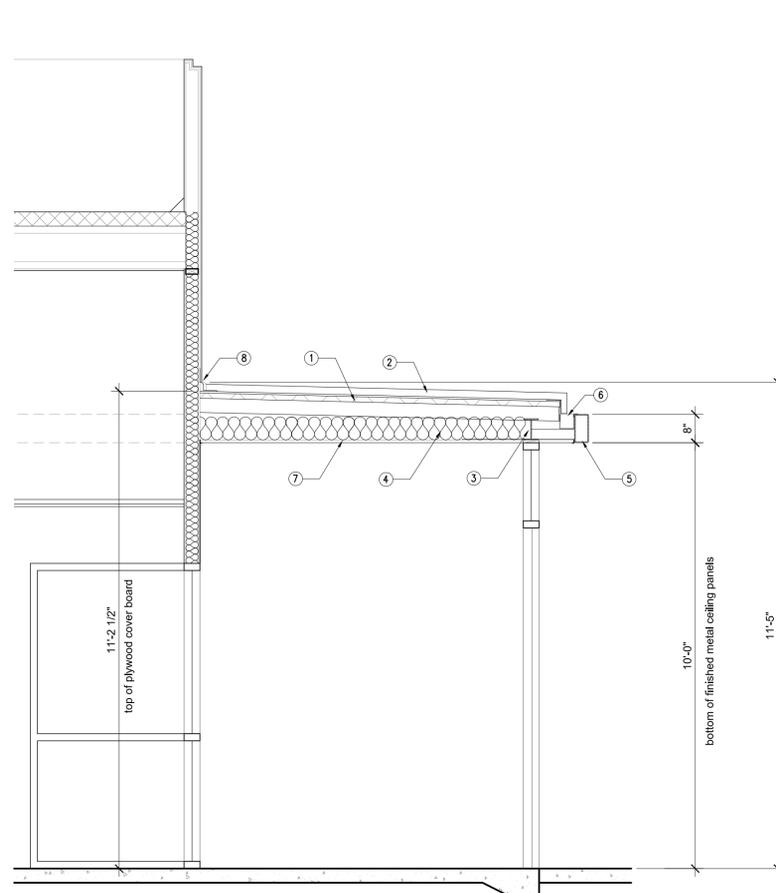
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Wall Section Keynotes

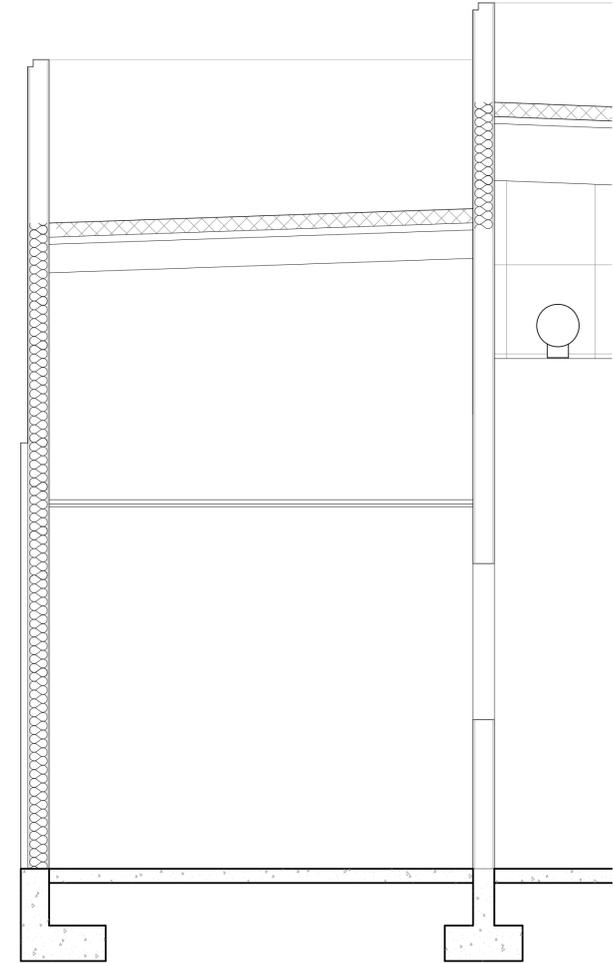
1. 1 1/2" Steel Deck over 4" steel joists at 1/2" per foot slope with 1/2" plywood cover board; see Structural Drawings.
2. Standing Seam Metal Roofing over 2 plies of modified base; flashing to match standing seam roof.
3. Steel Beam: support beam with columns located in line with center of storefront window framing; see Structural Drawings.
4. 10" Fiberglass Batt Insulation; install over all interior spaces.
5. Steel Tube: 4" x 8"; see Structural Drawing.
6. Pre-finished Steel Gutter; conceal gutter behind steel tube.
7. Pre-finished Ceiling / Soffit Panels.
8. Flashing / Stucco Stop: top at 11'-5" AFF; maintain a consistent level line at top of all standing seam roofing; flashing material to be fabricated of same pre-finished metal as standing seam roofing.



1 Wall Section
SCALE: 1/2" = 1'-0"



2 Wall Section
SCALE: 1/2" = 1'-0"



3 Wall Section
SCALE: 1/2" = 1'-0"

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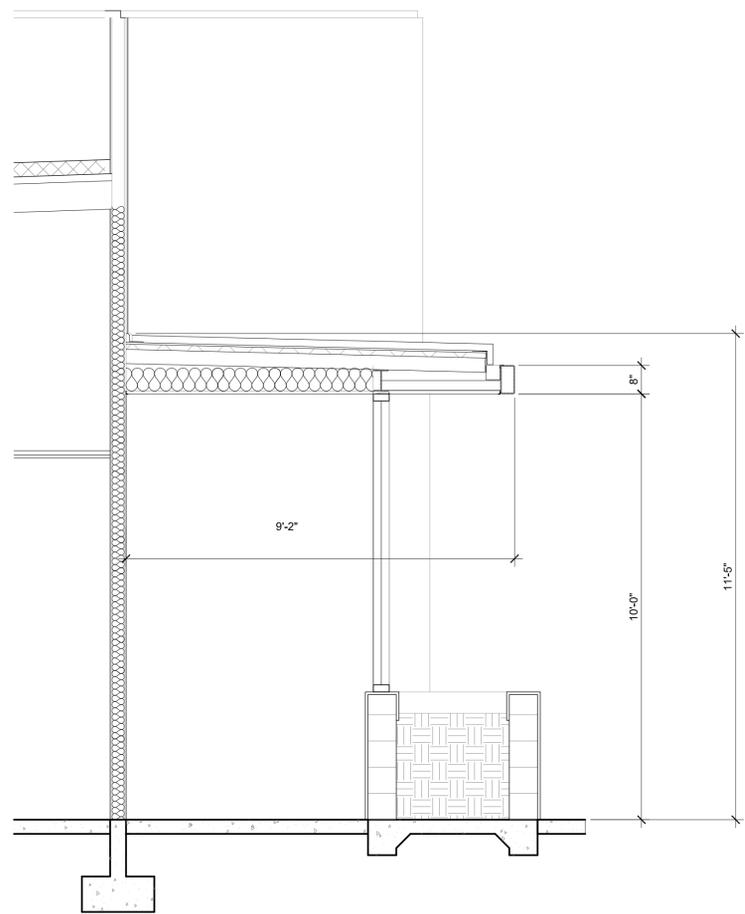
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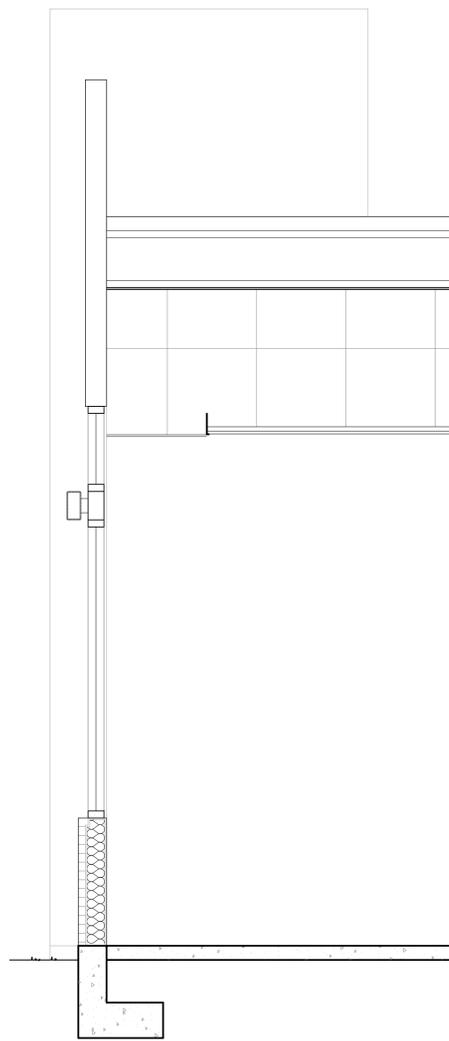
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Wall Section Keynotes

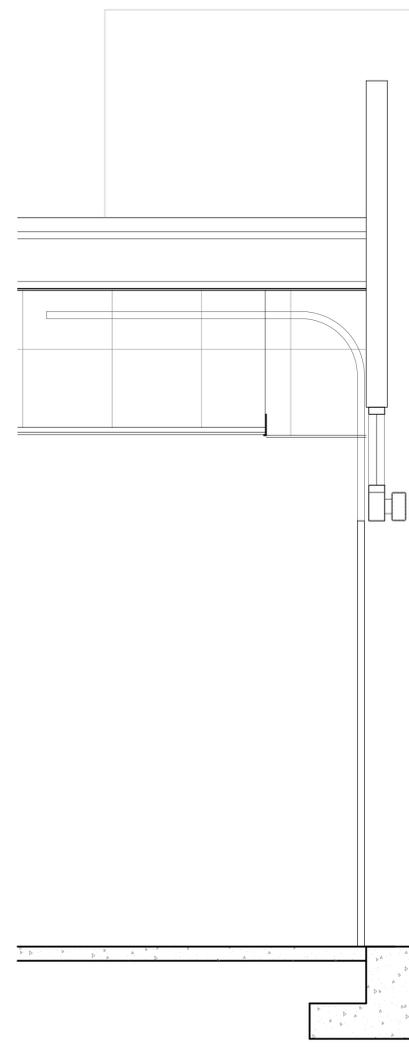
1. 1 1/2" Steel Deck over 4" steel joists at 1/2" per foot slope with 1/2" plywood cover board; see Structural Drawings.
2. Standing Seam Metal Roofing over 2 plies of modified base; flashing to match standing seam roof.
3. Steel Beam: support beam with columns located in line with center of storefront window framing; see Structural Drawings.
4. 10" Fiberglass Batt Insulation: install over all interior spaces.
5. Steel Tube: 4" x 8"; see Structural Drawing.
6. Pre-finished Steel Gutter: conceal gutter behind steel tube.
7. Pre-finished Ceiling / Soffit Panels.
8. Flashing / Stucco Stop: top at 11'-5" AFF; maintain a consistent level line at top of all standing seam roofing; flashing material to be fabricated of same pre-finished metal as standing seam roofing.



4 Wall Section
SCALE: 1/2" = 1'-0"



5 Wall Section
SCALE: 1/2" = 1'-0"



6 Wall Section
SCALE: 1/2" = 1'-0"

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Save the Family - Conference Center
University Drive
Mesa, Arizona



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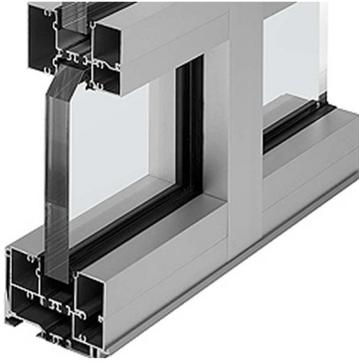
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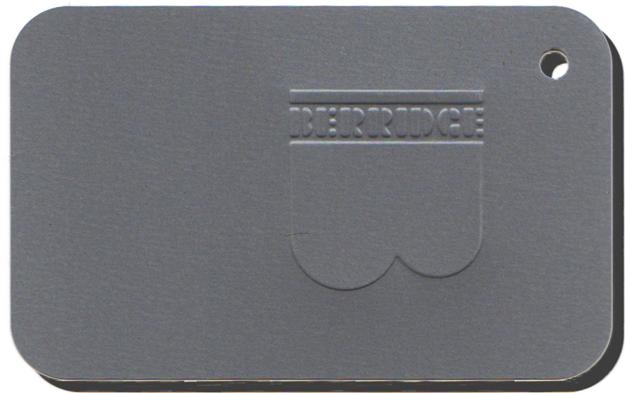
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Save the Family - Conference Center



Aluminum Windows
(Clear Anodized by Kawneer)



Metal Roofing
(Prewathered Galvalume by Berridge)



Porcelain Cladding
(Weathered Black Rigato by Iris US)



Brick
(Embarcadero by McNear Brick)

Save the Family - Conference Center Exterior Paint Colors



Color #1 - Stucco
(DE6213 Fine Grain)

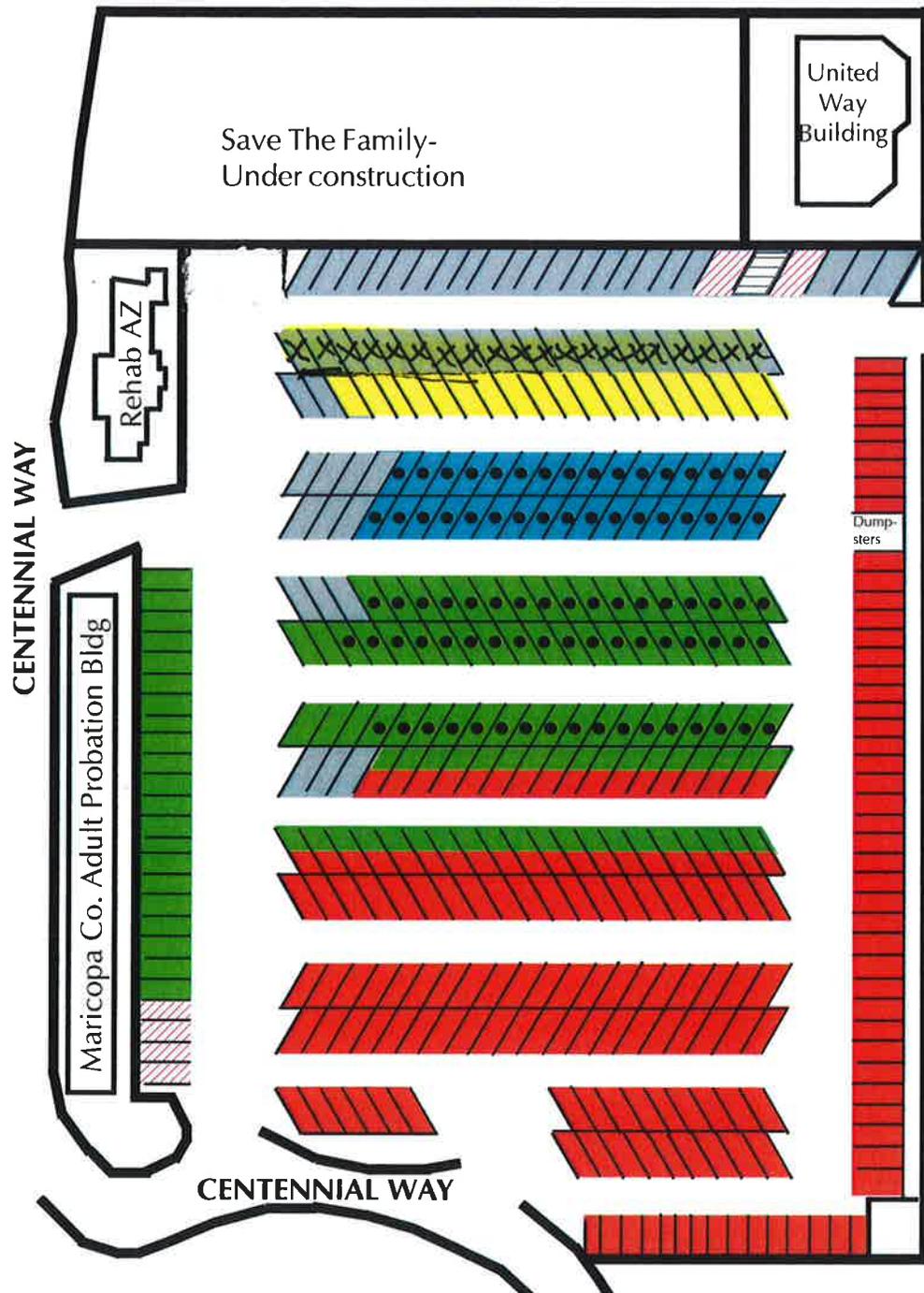


Color #2 - Stucco
(DE6124 Whole Wheat)



Color #3 - Steel "Eyebrow"
(SW7003 Toque White)

**City of Mesa Surface Parking Lot (Lots #15, 16, 17, 18 & 20)
Between Centennial Way & N. Pasadena St., north of 2nd St. & south of University Drive**



• = Cantilever-Covered Parking

	140	Marriott Phoenix Mesa Hotel Signed Parking Spaces
	37	Shared By Hotel/Probation-Unsigned Parking Spaces
	52	Green Decal Covered Spaces (44 Maricopa Cty Adult Prob.)
	25	Green Spaces Uncovered (Maricopa Cty Adult Prob.)
	33	Blue Decal Covered Spaces (Signed ReHab Az (20) & MUW (12)*)
	18	Restricted Uncovered Spaces (Signed Rehab AZ)
	56	3-Hour Customer Spaces
	8	3-Hour Handicap Spaces
	369	Total Parking Spaces

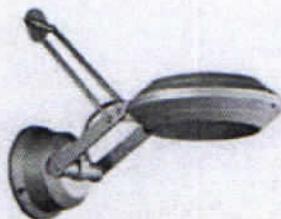
NOTE* Mesa United Way

SOURCE: Downtown Mesa Association
Maps 15-20 CentWay Lots 02 2013
February 2013

FM

miniFlex™

CONTEMPORARY



FEATURES

- Die cast aluminum construction for corrosion resistance
- Can be configured as up, down or up:down
- Wall or pole mounting options
- Features highly efficient LEDs
- Full cutoff classification (without uplight options)
- Wide variety of options available
- EISA compliant
- IP65 rated
- Powder coat finish in 13 standard colors with a polymer primer sealer

FM - [] - [] - [] - []

MODEL	
WALL MOUNTED	
Remote Ballast	
FMR	Short arm. Not available with LED
Integral Ballast	
FMSS	Short straight arm
FMSC	Short curved arm
FMLS	Long straight arm
FMLC	Long curved arm
FMLSX	Long straight arm & extension
FMLCX	Long curved arm & extension
POLE MOUNTED	
FMSS4	Single, short straight arm
FMTSS4	Twin, short straight arm
FMSC4	Single, short curved arm
FMTSC4	Twin, short curved arm
FMLS4	Single, long straight arm
FMLS4XP	Single, long straight arm with extension
FMTLS4	Twin, long straight arm
FMTLS4XP	Twin, long straight arm with extension
FMLC4	Single, long curved arm
FMLC4XP	Single, long curved arm with extension
FMTLC4	Twin, long curved arm
FMTLC4XP	Twin, long curved arm with extension

LAMP/BALLAST	
CF	Compact fluorescent, electronic 120 thru 277 volt ballast. Use GX24q 4-pin base, 26, 32 or 42 watt lamp. -18°C min start temp.
39MHT6EB	39 watt electronic metal halide 120 thru 277 volt ballast. Use G12 base, T-6 ceramic lamp.
50MH	50 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
50MHEB	50 watt electronic metal halide 120 thru 277 volt ballast. Use medium base, ED-17 lamp.
70MH	70 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
70MHEB	70 watt electronic metal halide 120 thru 277 volt ballast. Use medium base, ED-17 lamp.
70MHT6	70 watt metal halide 120/277/347 volt ballast. Use G12 base, T-6 ceramic lamp.
70MHT6EB	70 watt electronic metal halide 120 thru 277 volt ballast. Use G12 base, T-6 ceramic lamp.
100MH	100 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
100MHEB	100 watt electronic metal halide 120 thru 277 volt ballast. Use medium base, ED-17 lamp.
50HPS	50 watt high pressure sodium 120/277 volt ballast. Use medium base, ED-17 lamp.
70HPS	70 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
100HPS	100 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
30LED-WW	30 light emitting diode array (32 watt). Warm white (3500K). 120 thru 277 volt. Uplight or downlight only. Specify desired output option.
30LED-BW	30 light emitting diode array (32 watt). Bright white (5100K). 120 thru 277 volt. Uplight or downlight only. Specify desired output option.

All ballasts are prewired for 277 volts, unless specified. Lamps not included (except LED option). All magnetic ballasts use the extended back plate.

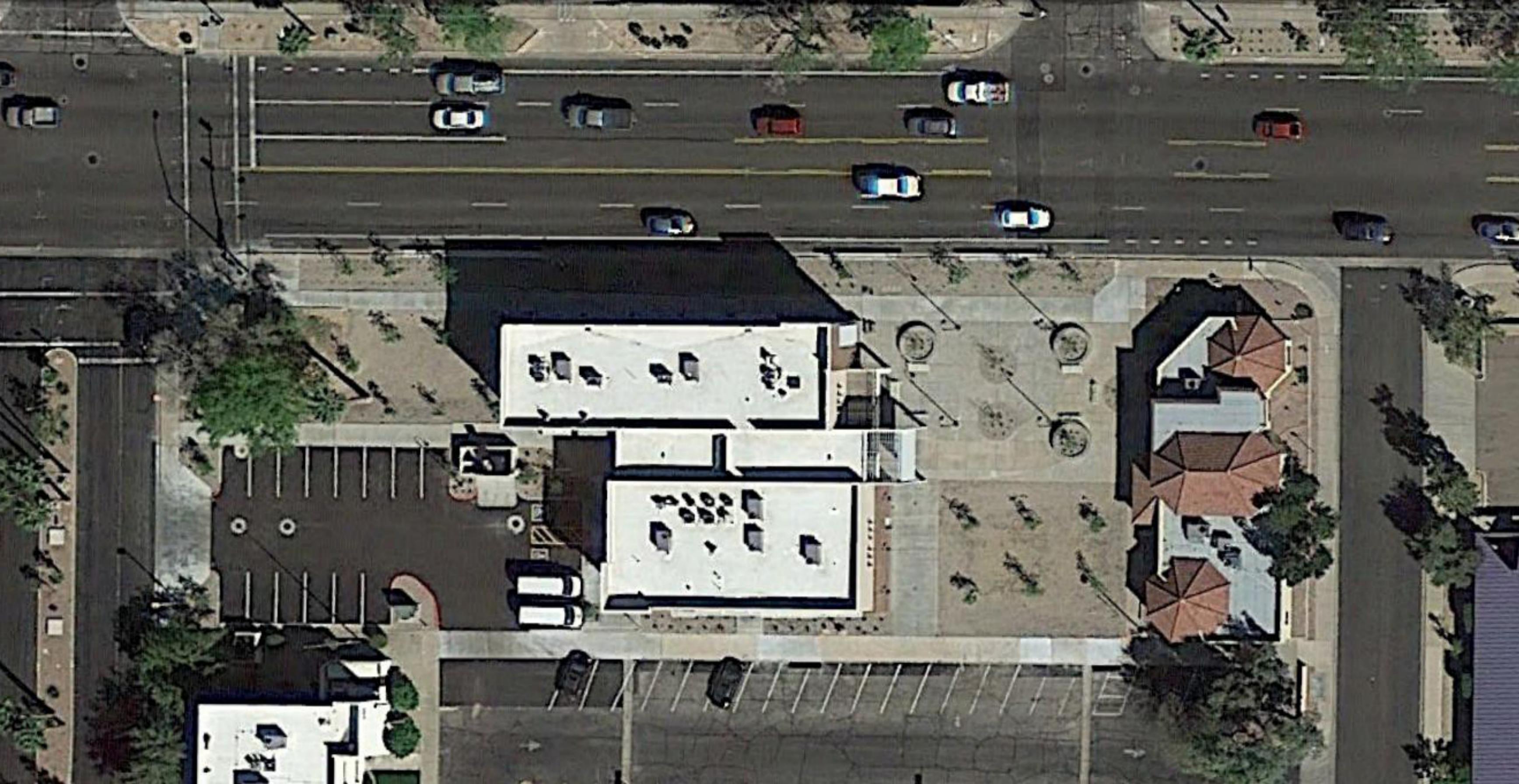
LED OUTPUT	
Must select one when LED option is chosen	
LO-U	LED light output upper
LO-L	LED light output lower

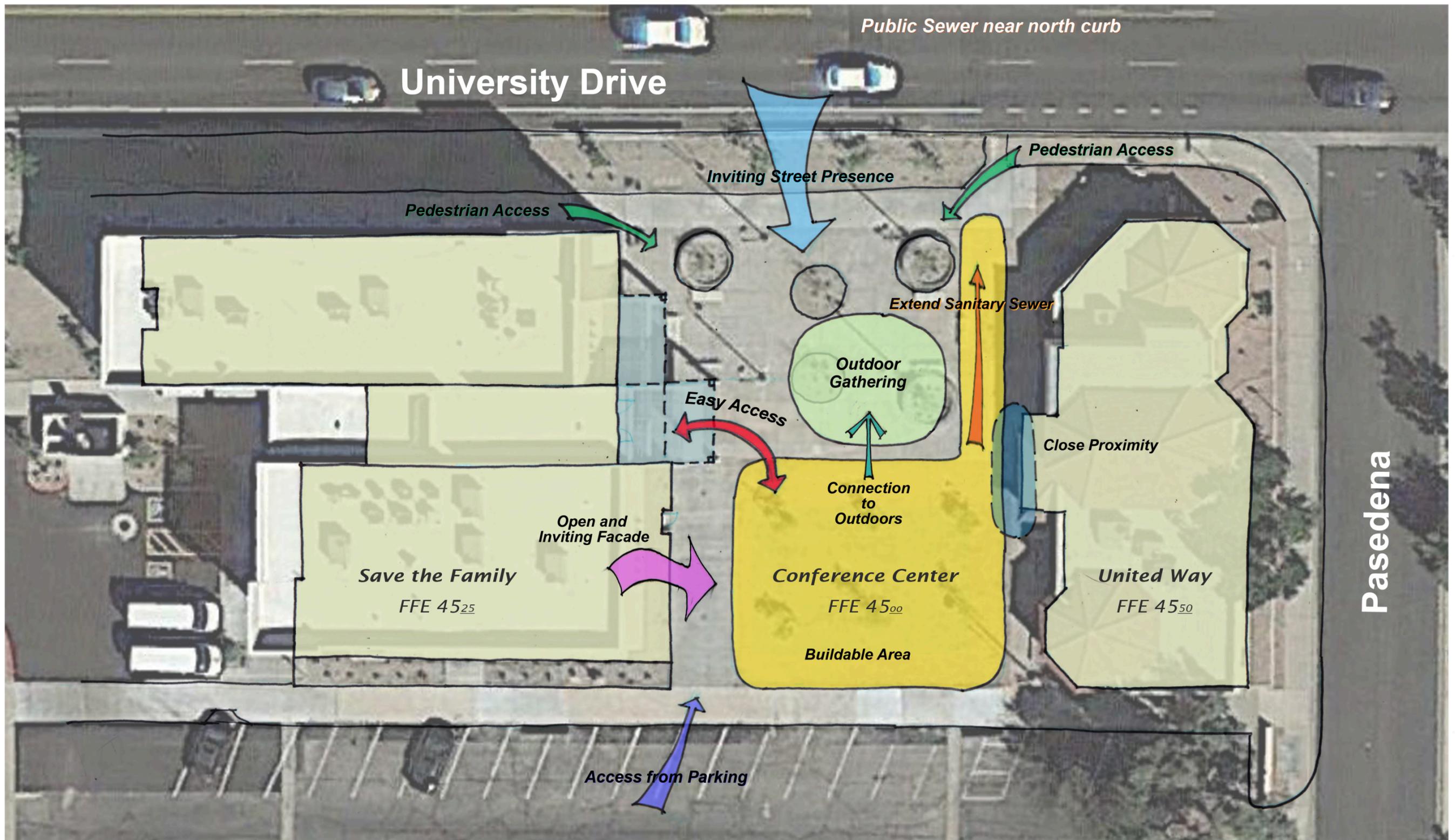
COLORS	
AWT	Arctic White
BLK	Black
MTB	Matte Black
DGN	Dark Green
DBZ	Dark Bronze
WRZ	Weathered Bronze
BRM	Metallic Bronze
VBL	Verde Blue
CRT	Corten
MAL	Matte Aluminum
MDG	Medium Grey
ATG	Antique Green
LGY	Light Grey
RAL/ PREMIUM COLOR	Provide a RAL 4 digit color number
CUSTOM COLOR	Please provide a color chip for matching

INTERNAL OPTIONS	
QL	Socket for T-4 mini-can lamp, field wired to a separate circuit. (Lamp wattage not to exceed ballast wattage). Must be wired to a separate 120 volt circuit.
CHF	Aluminum ring with three key hole slots to hold one color filter (by others). The holder accepts a filter that is 8"/200mm in diameter.
CFH-2	Two color filter holders. Not available with LED.
347	120/277/347 volt magnetic ballast for all HID lamps, except the 50HPS and 50MH which are 347 volts only. Not available with LED.

EXTERNAL OPTIONS
See next page for options







Site Analysis





