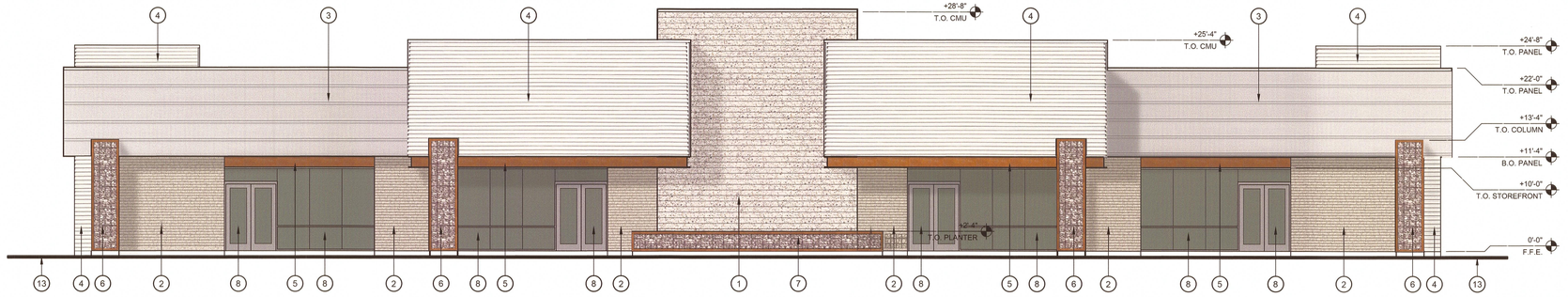
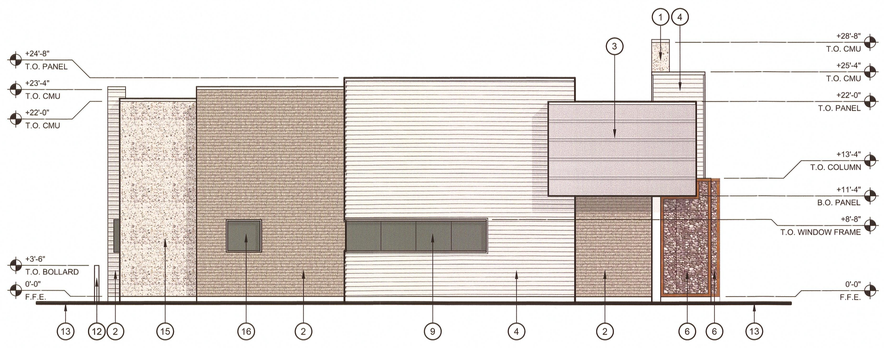


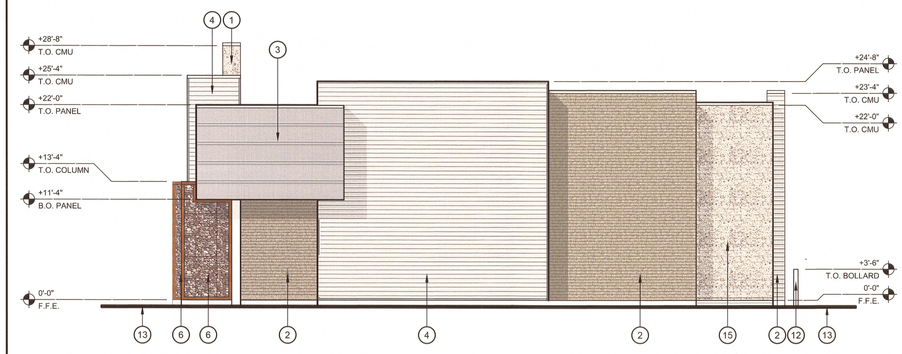
H32 EAST ELEVATION - BUILDING 7330

1/8" = 1'-0"



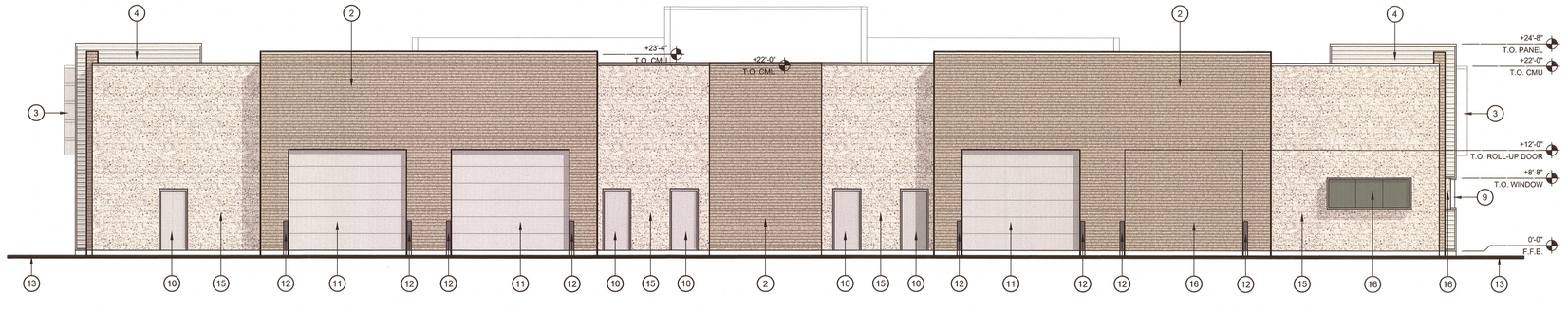
P32 SOUTH ELEVATION - BUILDING 7330

1/8" = 1'-0"



P19 NORTH ELEVATION - BUILDING 7330

1/8" = 1'-0"



X32 WEST ELEVATION - BUILDING 7330

1/8" = 1'-0"

KEYNOTES

1. 8X8X16 CONCRETE BLOCK "TRENDSTONE PLUS - MALIBU SAND" WITH HORIZONTAL EMPHASIS NATURAL WARM GRAY MORTAR JOINTS
2. 8X4X16 INTEGRAL COLOR CMU "MW BONE" WITH HORIZONTAL EMPHASIS NATURAL WARM GRAY MORTAR JOINTS
3. PREFINISHED METAL PANELS "BERRIDGE VEE-PANEL" WITH GALVALUME SATIN FINISH
4. PREFINISHED HORIZONTAL METAL PANEL SIDING "BERRIDGE HR-16 PANEL" WITH GALVALUME SATIN FINISH
5. STEEL I-BEAM WITH PRIMED & PAINTED FINISH
6. GABION COLUMN
7. GABION PLANTER
8. ALUMINUM DOOR AND STOREFRONT WITH CLEAR ANODIZED FINISH & PPG SOLARBAN 60 CLEAR GLAZING
9. ALUMINUM FRAME WINDOWS WITH CLEAR ANODIZED FINISH & PPG SOLARBAN 60 CLEAR GLAZING
10. HOLLOW METAL DOOR & FRAME WITH PRIMED & PAINTED FINISH
11. ROLL-UP STEEL DOOR & FRAME - FACTORY PREFINISHED
12. CONCRETE-FILLED STEEL BOLLARD WITH PRIMED & PAINTED FINISH
13. FINISH GRADE LINE
14. PROTRUDING ALUMINUM DOOR AND STOREFRONT WITH CLEAR ANODIZED FINISH & PPG SOLARBAN 60 CLEAR GLAZING
15. 8X4X16 INTEGRAL COLOR CMU WITH HORIZONTAL EMPHASIS NATURAL WARM GRAY MORTAR JOINTS
16. 8X4X16 INTEGRAL COLOR CMU "MW BONE" KNOCK-OUT PANEL FOR POTENTIAL FUTURE ROLL-UP STEEL DOOR INSTALLATION

sketch
Architecture Company
2454 East Southern Avenue, Mesa, Arizona 85204 ph 480.668.8015 fax 480.668.8022

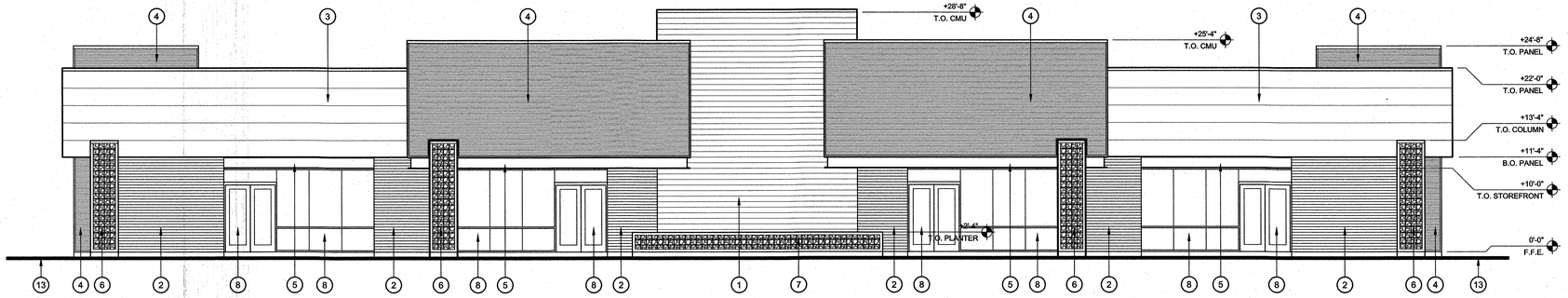
GRANITE EXPRESS
BUILDINGS 7330 & 7324
7330 & 7324 SOUTH ATWOOD, MESA, ARIZONA 85202

REGISTERED ARCHITECT
26984
Robert Benjamin Burgheimer
Date Signed 4/2/20
ARIZONA, USA
Expires 03-31-2020

SAC Project Numbers
2016-49A & 2016-49B

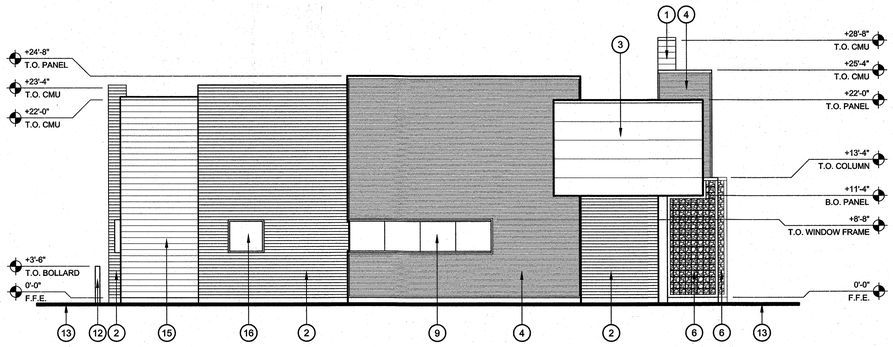
EXTERIOR ELEVATIONS BUILDING 7330

A201



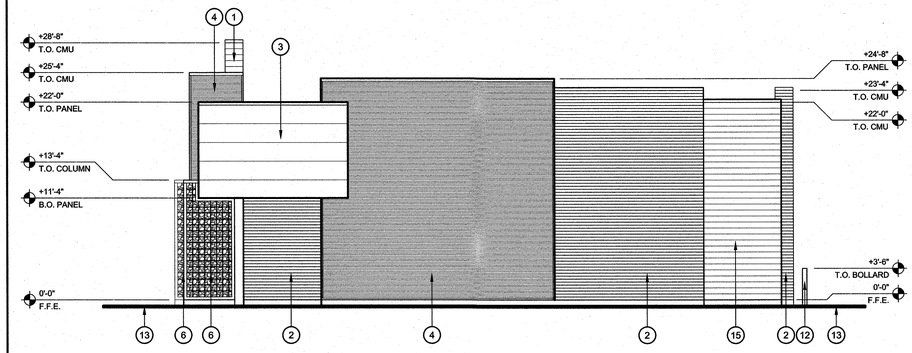
H32 EAST ELEVATION - BUILDING 7330

1/8" = 1'-0"



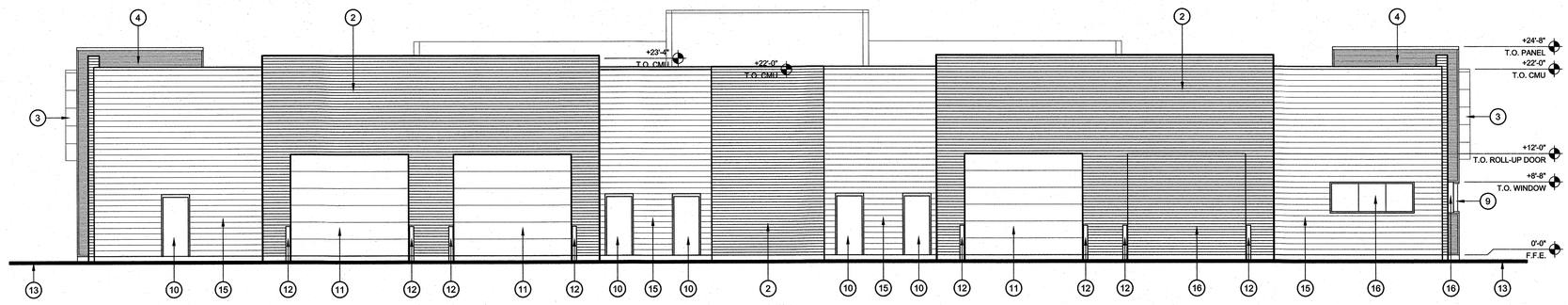
P32 SOUTH ELEVATION - BUILDING 7330

1/8" = 1'-0"



P19 NORTH ELEVATION - BUILDING 7330

1/8" = 1'-0"



X32 WEST ELEVATION - BUILDING 7330

1/8" = 1'-0"

KEYNOTES

1. 8X8X16 CONCRETE BLOCK "TRENDSTONE PLUS - MALIBU SAND" WITH HORIZONTAL EMPHASIS NATURAL WARM GRAY MORTAR JOINTS
2. 8X4X16 INTEGRAL COLOR CMU "MW BONE" WITH HORIZONTAL EMPHASIS NATURAL WARM GRAY MORTAR JOINTS
3. PREFINISHED METAL PANELS "BERRIDGE VEE-PANEL" WITH GALVALUME SATIN FINISH
4. PREFINISHED HORIZONTAL METAL PANEL SIDING "BERRIDGE HR-16 PANEL" WITH GALVALUME SATIN FINISH
5. STEEL I-BEAM WITH ACID-WASHED FINISH
6. GABION COLUMN - STEEL FRAME WITH ACID-WASHED FINISH
7. GABION PLANTER - STEEL FRAME WITH ACID-WASHED FINISH
8. ALUMINUM DOOR AND STOREFRONT WITH CLEAR ANODIZED FINISH & PPG SOLARBAN 60 CLEAR GLAZING
9. ALUMINUM FRAME WINDOWS WITH CLEAR ANODIZED FINISH & PPG SOLARBAN 60 CLEAR GLAZING
10. HOLLOW METAL DOOR & FRAME WITH PRIMED & PAINTED FINISH
11. ROLL-UP STEEL DOOR & FRAME - FACTORY PREFINISHED
12. CONCRETE-FILLED STEEL BOLLARD WITH PRIMED & PAINTED FINISH
13. FINISH GRADE LINE
14. PROTRUDING ALUMINUM DOOR AND STOREFRONT WITH CLEAR ANODIZED FINISH & PPG SOLARBAN 60 CLEAR GLAZING
15. 8X4X16 INTEGRAL COLOR CMU WITH HORIZONTAL EMPHASIS NATURAL WARM GRAY MORTAR JOINTS
16. 8X4X16 INTEGRAL COLOR CMU "MW BONE" KNOCK-OUT PANEL FOR POTENTIAL FUTURE ROLL-UP STEEL DOOR INSTALLATION

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

GRANITE EXPRESS
BUILDINGS 7330 & 7324
7330 & 7324 SOUTH ATWOOD, MESA, ARIZONA 85202

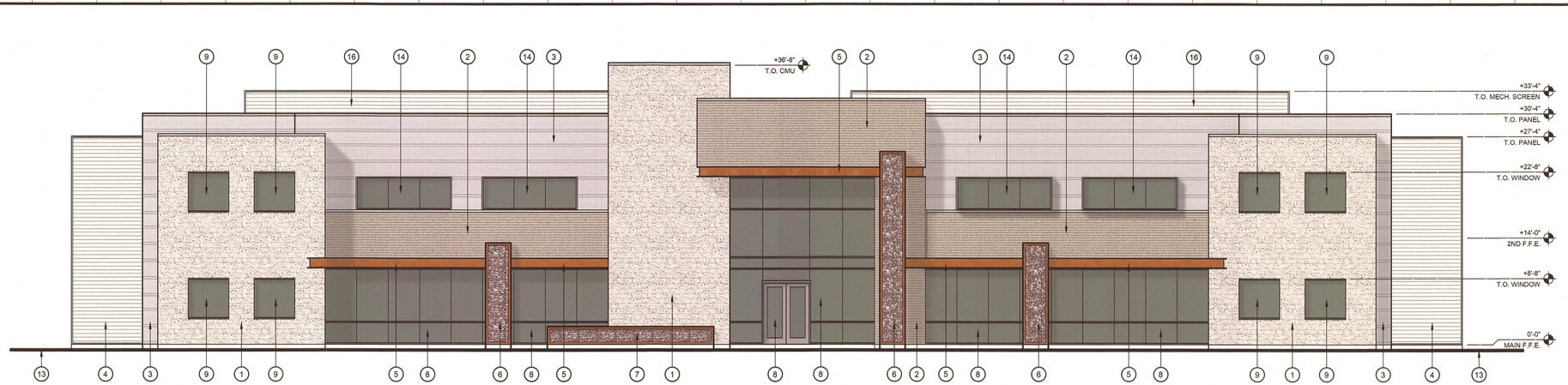
REGISTERED ARCHITECT
STATE OF ARIZONA
26984
Robert Benjamin Burgheimer
Date Signed
ARIZONA, USA

Expires 03-31-2020

SAC Project Numbers
2016-49A & 2016-49B

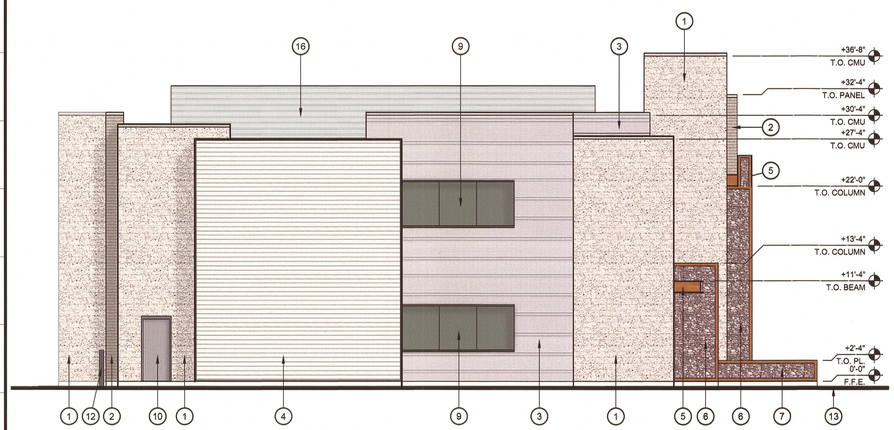
EXTERIOR ELEVATIONS BUILDING 7330

A201



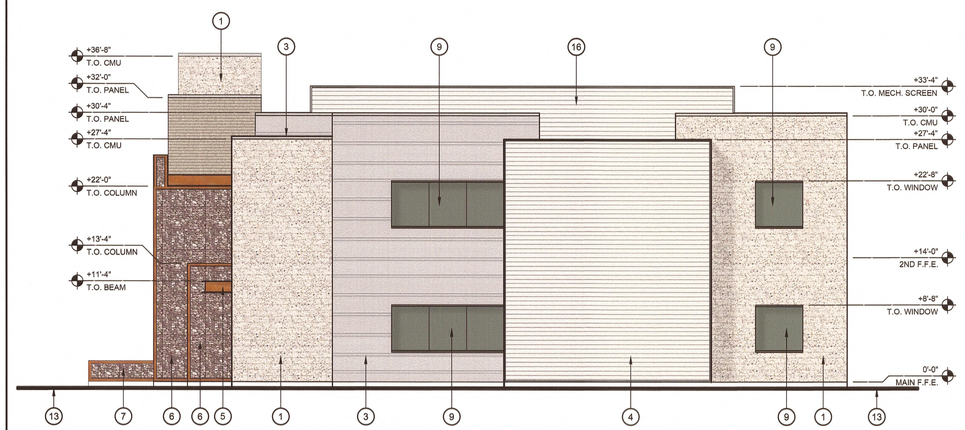
H32 SOUTH ELEVATION - BUILDING 7324

1/8" = 1'-0"



P32 WEST ELEVATION - BUILDING 7324

1/8" = 1'-0"



P20 EAST ELEVATION - BUILDING 7324

1/8" = 1'-0"

X32 NORTH ELEVATION - BUILDING 7324

1/8" = 1'-0"

KEYNOTES

① 8X8X16 CONCRETE BLOCK "TRENDSTONE PLUS - MALIBU SAND" WITH HORIZONTAL EMPHASIS NATURAL WARM GRAY MORTAR JOINTS

② 8X4X16 INTEGRAL COLOR CMU "MW BONE" WITH HORIZONTAL EMPHASIS NATURAL WARM GRAY MORTAR JOINTS

③ PREFINISHED METAL PANELS "BERRIDGE VEE-PANEL" WITH GALVALUME SATIN FINISH

④ PREFINISHED HORIZONTAL METAL PANEL SIDING "BERRIDGE HR-16 PANEL" WITH GALVALUME SATIN FINISH

⑤ STEEL I-BEAM WITH PRIMED & PAINTED FINISH

⑥ GABION COLUMN

⑦ GABION PLANTER

⑧ ALUMINUM DOOR AND STOREFRONT WITH CLEAR ANODIZED FINISH & PPG SOLARBAN 60 CLEAR GLAZING

⑨ ALUMINUM FRAME WINDOWS WITH CLEAR ANODIZED FINISH & PPG SOLARBAN 60 CLEAR GLAZING

⑩ HOLLOW METAL DOOR & FRAME WITH PRIMED & PAINTED FINISH

⑪ ROLL-UP STEEL DOOR & FRAME - FACTORY PREFINISHED

⑫ CONCRETE-FILLED STEEL BOLLARD WITH PRIMED & PAINTED FINISH

⑬ FINISH GRADE LINE

⑭ PROTRUDING ALUMINUM DOOR AND STOREFRONT WITH CLEAR ANODIZED FINISH & PPG SOLARBAN 60 CLEAR GLAZING

⑮ 8X4X16 INTEGRAL COLOR CMU WITH HORIZONTAL EMPHASIS NATURAL WARM GRAY MORTAR JOINTS

⑯ ROOFTOP MECHANICAL EQUIPMENT SCREEN - PREFINISHED HORIZONTAL METAL PANEL SIDING "BERRIDGE HR-16 PANEL" WITH KYNAR 500 SATIN FINISH

Sketch
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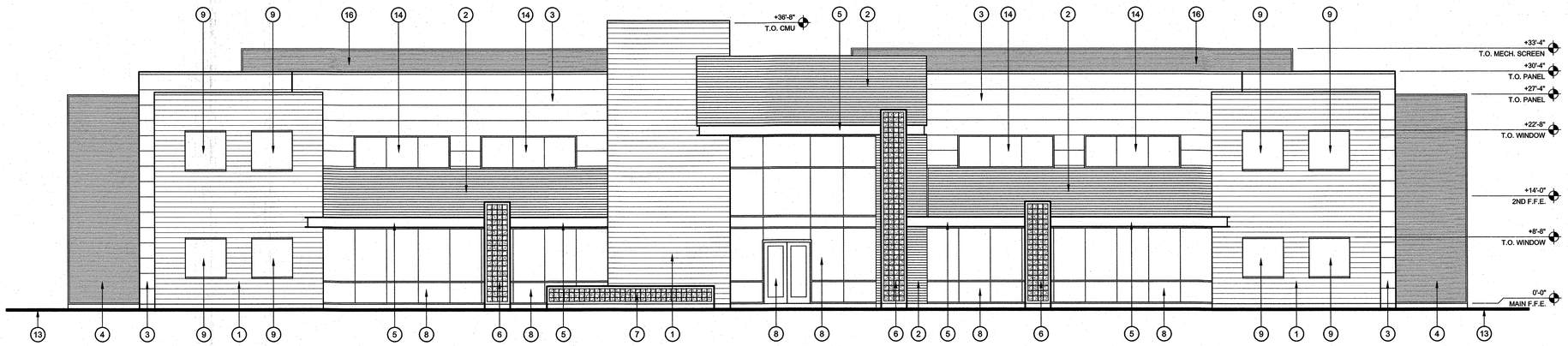
GRANITE EXPRESS
BUILDINGS 7330 & 7324
7330 & 7324 SOUTH ATWOOD, MESA, ARIZONA 85202

REGISTERED ARCHITECT
CERTIFICATE NO. 26984
Robert Benjamin Burgheimer
Date Signed 5/25/17
ARIZONA, U.S.A.
Expires 03-31-2020

SAC Project Numbers
2016-49A & 2016-49B

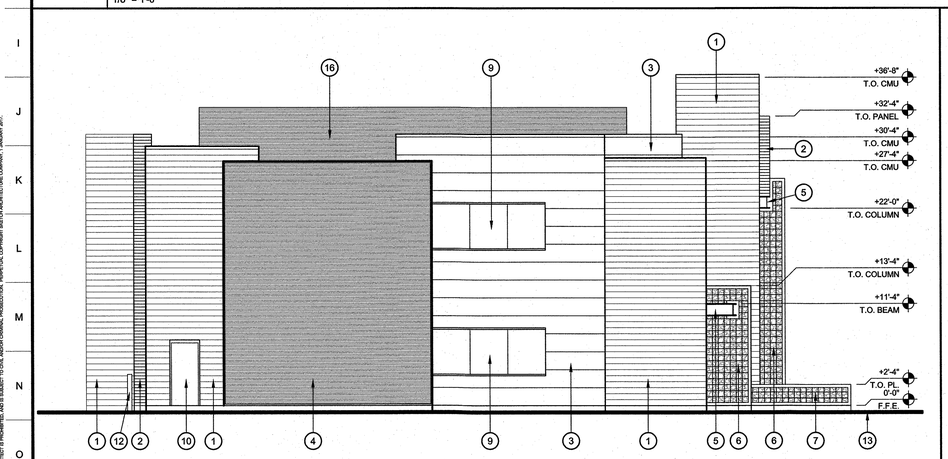
EXTERIOR
ELEVATIONS -
BUILDING 7324

A202



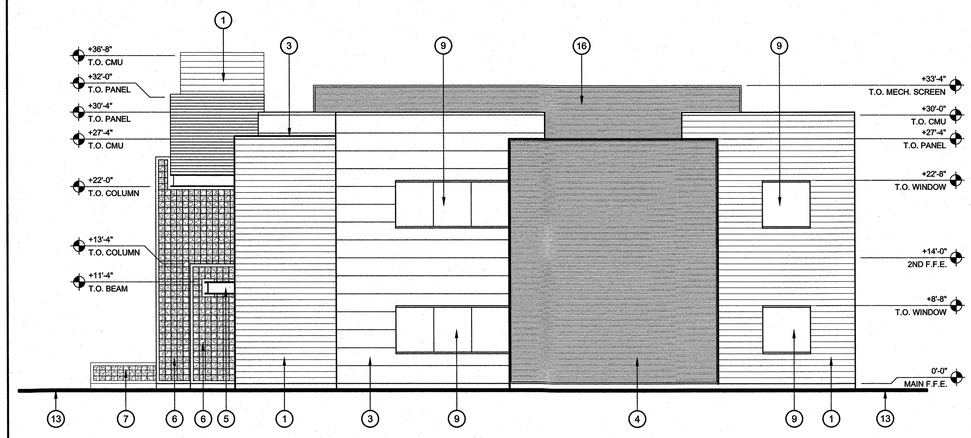
H32 SOUTH ELEVATION - BUILDING 7324

1/8" = 1'-0"



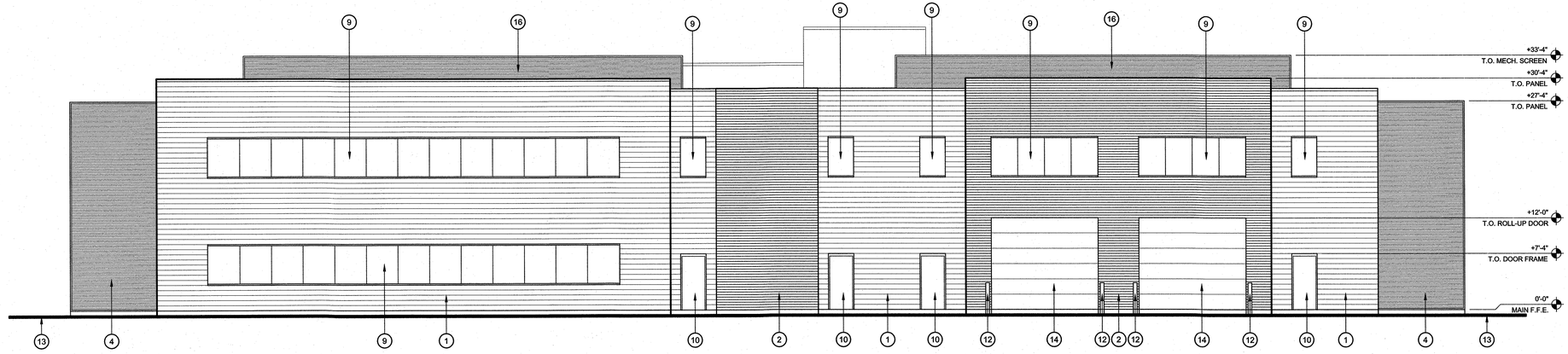
P32 WEST ELEVATION - BUILDING 7324

1/8" = 1'-0"



P20 EAST ELEVATION - BUILDING 7324

1/8" = 1'-0"



X32 NORTH ELEVATION - BUILDING 7324

1/8" = 1'-0"

KEYNOTES

1. 8X8X16 CONCRETE BLOCK "TRENDSTONE PLUS - MALIBU SAND" WITH HORIZONTAL EMPHASIS NATURAL WARM GRAY MORTAR JOINTS
2. 8X4X16 INTEGRAL COLOR CMU "MW BONE" WITH HORIZONTAL EMPHASIS NATURAL WARM GRAY MORTAR JOINTS
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4. PREFINISHED HORIZONTAL METAL PANEL SIDING "BERRIDGE HR-16 PANEL" WITH GALVALUME SATIN FINISH
5. STEEL I-BEAM WITH ACID-WASHED FINISH
6. GABION COLUMN - STEEL FRAME WITH ACID-WASHED FINISH
7. GABION PLANTER - STEEL FRAME WITH ACID-WASHED FINISH
8. ALUMINUM DOOR AND STOREFRONT WITH CLEAR ANODIZED FINISH & PPG SOLARBAN 60 CLEAR GLAZING
9. ALUMINUM FRAME WINDOWS WITH CLEAR ANODIZED FINISH & PPG SOLARBAN 60 CLEAR GLAZING
10. HOLLOW METAL DOOR & FRAME WITH PRIMED & PAINTED FINISH
11. ROLL-UP STEEL DOOR & FRAME - FACTORY PREFINISHED
12. CONCRETE-FILLED STEEL BOLLARD WITH PRIMED & PAINTED FINISH
13. FINISH GRADE LINE
14. PROTRUDING ALUMINUM DOOR AND STOREFRONT WITH CLEAR ANODIZED FINISH & PPG SOLARBAN 60 CLEAR GLAZING
15. 8X4X16 INTEGRAL COLOR CMU WITH HORIZONTAL EMPHASIS NATURAL WARM GRAY MORTAR JOINTS
16. ROOFTOP MECHANICAL EQUIPMENT SCREEN - PREFINISHED HORIZONTAL METAL PANEL SIDING "BERRIDGE HR-16 PANEL" WITH KYNAR 500 SATIN FINISH

Sketch
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2454 East Southern Avenue, Mesa, Arizona 85204 ph 480.668.8018 fax 480.668.8032

GRANITE EXPRESS
BUILDINGS 7330 & 7324
7330 & 7324 SOUTH ATWOOD, MESA, ARIZONA 85202

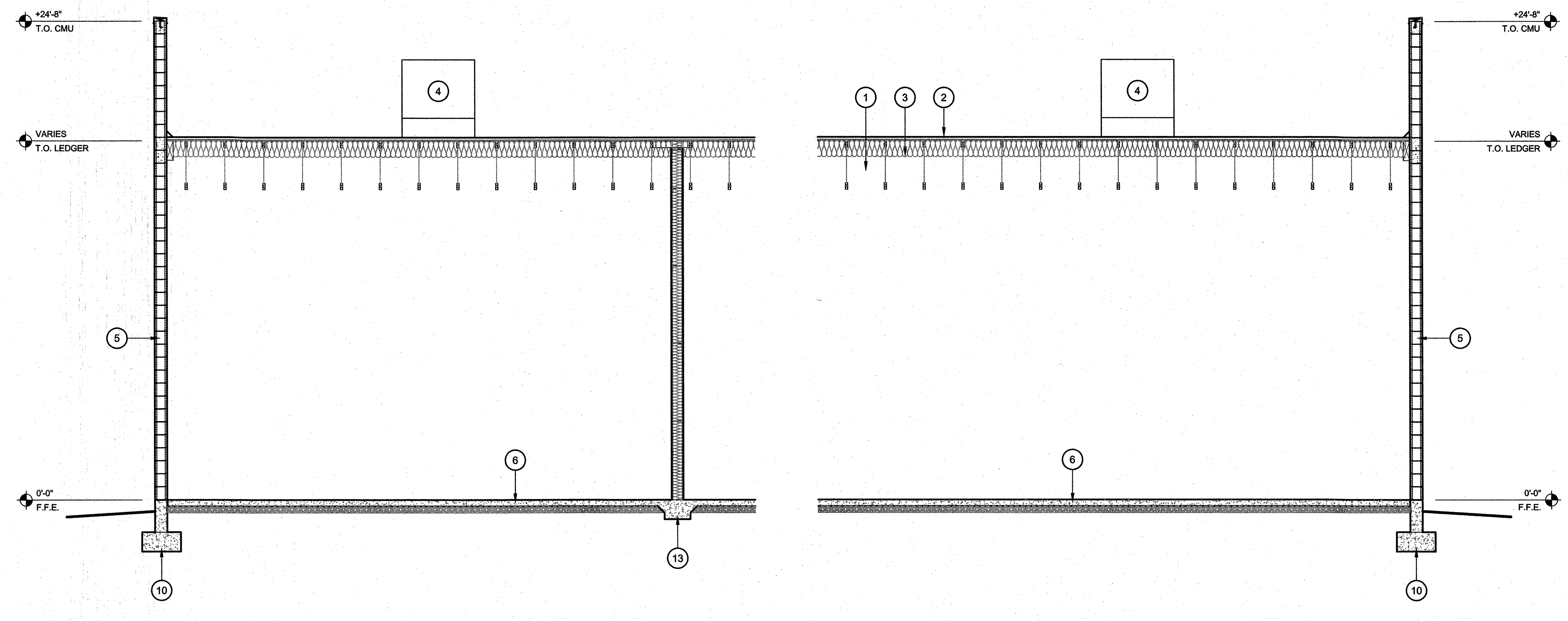
REGISTERED ARCHITECT
CERTIFICATE NO.
26984
Robert Benjamin Burgheimer
Date Signed 3-31-19
ARIZONA, U.S.A.

Expires 03-31-2020

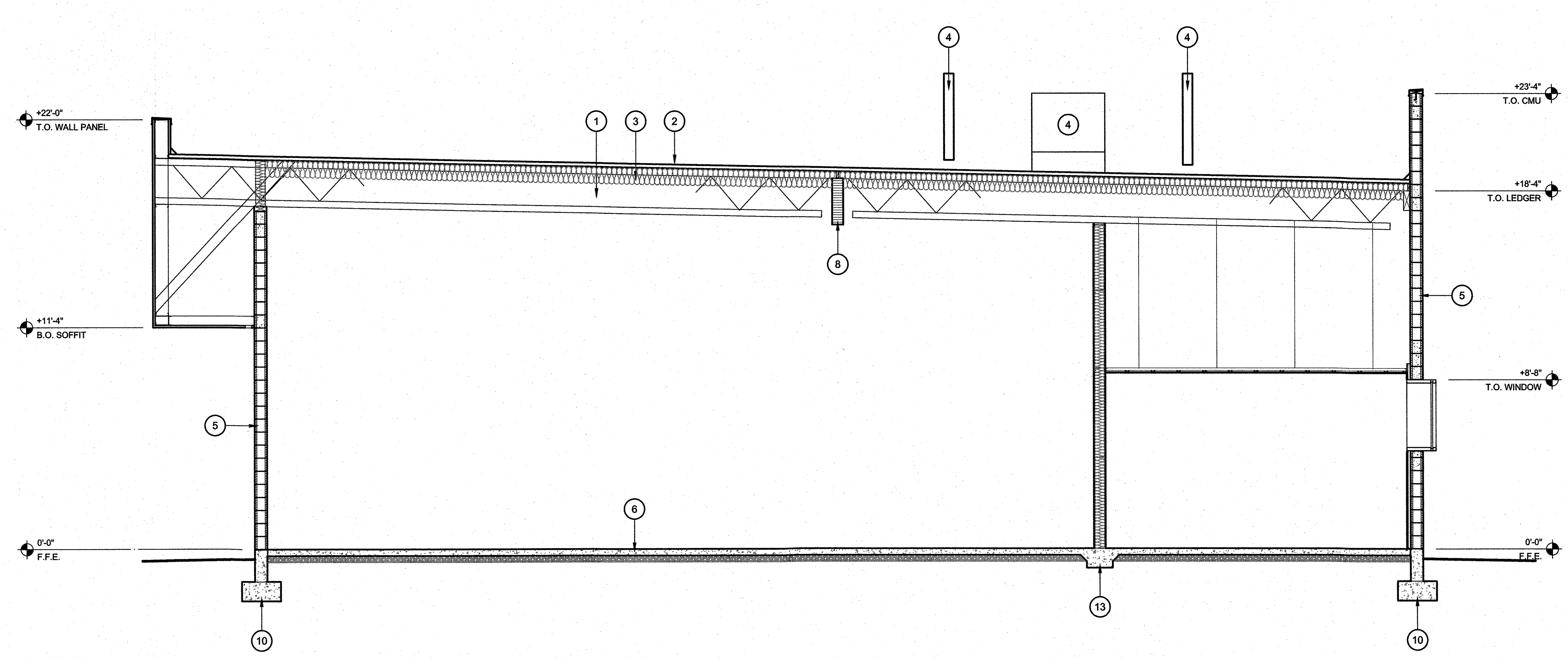
SAC Project Numbers
2016-49A & 2016-49B

EXTERIOR ELEVATIONS - BUILDING 7324

A202



L32	BUILDING SECTION - BUILDING 7330
	1/4" = 1'-0"



X32	BUILDING SECTION - BUILDING 7330
	1/4" = 1'-0"

KEYNOTES

1. ROOF FRAMING SYSTEM - SEE STRUCTURAL DRAWINGS
2. BUILT-UP ROOFING
3. R-30 MINIMUM BATT INSULATION
4. FULLY SCREENED ROOFTOP MECHANICAL EQUIPMENT - SEE MECHANICAL DRAWINGS & DETAIL
5. 8" CMU WALL - SEE STRUCTURAL DRAWINGS
6. 5" CONCRETE SLAB OVER 4" MINIMUM COMPACTED ABC FILL - SEE STRUCTURAL DRAWINGS
7. SERVICE ENTRANCE SECTION - SEE ELECTRICAL DRAWINGS
8. GLU-LAM BEAM - SEE STRUCTURAL DRAWINGS
9. STEEL STRUCTURAL COLUMN - SEE STRUCTURAL DRAWINGS
10. CONCRETE PERIMETER WALL FOOTING - SEE STRUCTURAL DRAWINGS
11. CONCRETE COLUMN FOOTING - SEE STRUCTURAL DRAWINGS
12. CONCRETE TURN-DOWN - SEE STRUCTURAL DRAWINGS
13. CONCRETE THICKENED SLAB FOOTING - SEE STRUCTURAL DRAWINGS
14. GABION PLANTER WALL CONCRETE FOOTING - SEE STRUCTURAL DRAWINGS
15. PLANTER - SEE LANDSCAPE/IRRIGATION DRAWINGS & DETAIL
16. STEEL LINTEL WITH PRIMED & PAINTED FINISH - SEE STRUCTURAL DRAWINGS
17. PLANTER FINISH GRADE
18. FINISH GRADE - SEE CIVIL DRAWINGS
19. STEEL I-BEAM CONT. - SEE STRUCTURAL DRAWINGS
20. ALUMINUM STOREFRONT WINDOW SYSTEM

Sketch Architecture Company
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GRANITE EXPRESS
BUILDING 7330
7330 SOUTH ATWOOD, MESA, ARIZONA 85202

REGISTERED ARCHITECT
CERTIFICATE NO.
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Robert Benjamin
Burgheimer
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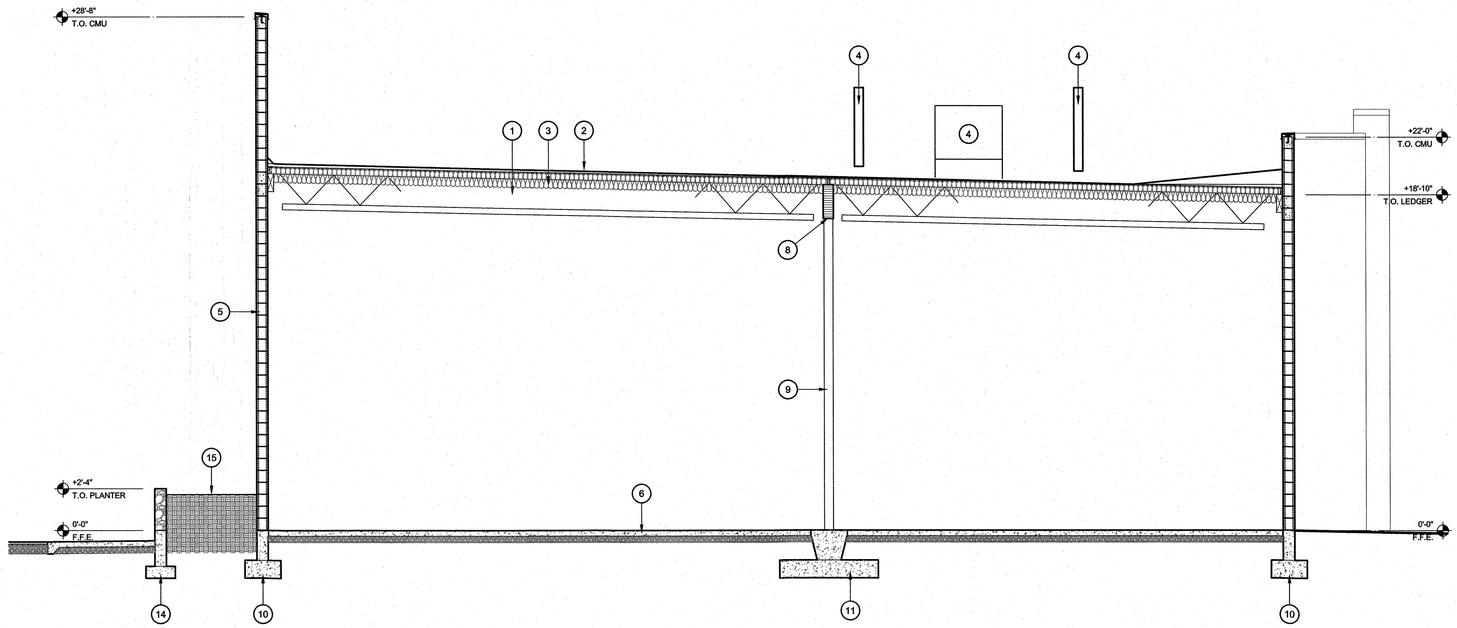
ARIZONA, U.S.A.

Expires 03-31-2020

SAC Project Number
2016-49A

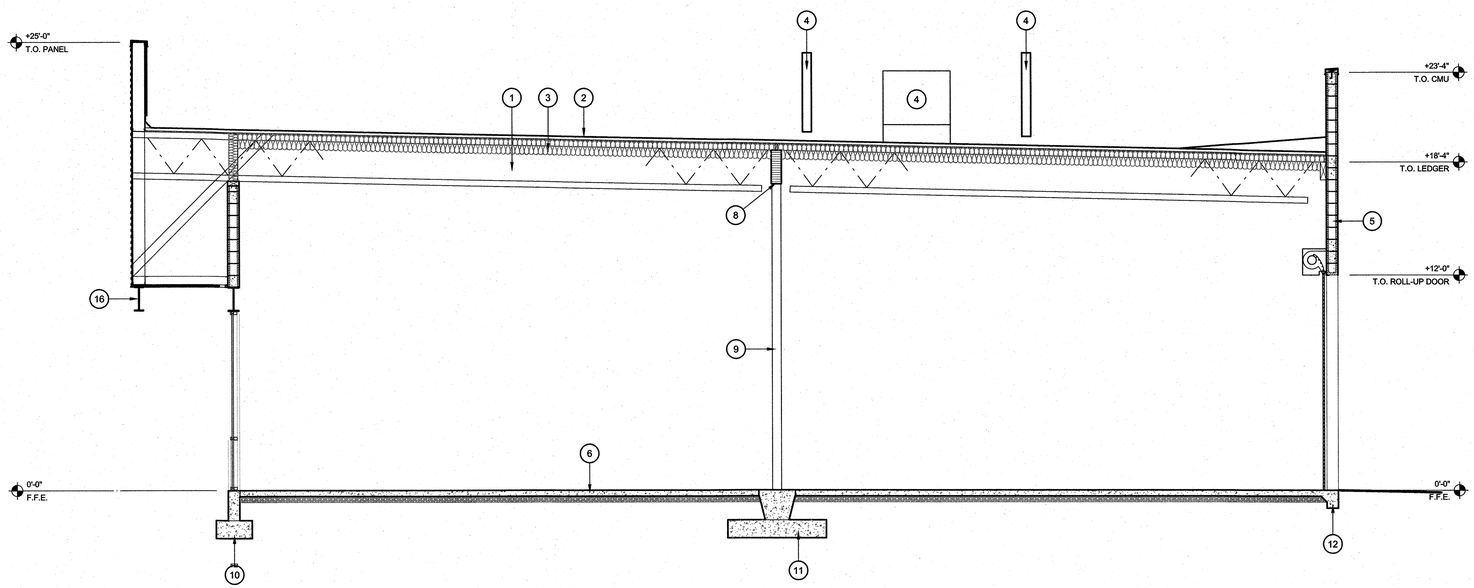
BUILDING SECTIONS - BUILDING 7330

A301



L32 BUILDING SECTION - BUILDING 7330

1/4" = 1'-0"



X32 BUILDING SECTION - BUILDING 7330

1/4" = 1'-0"

KEYNOTES

1. ROOF FRAMING SYSTEM - SEE STRUCTURAL DRAWINGS
2. BUILT-UP ROOFING
3. R-30 MINIMUM BATT INSULATION
4. FULLY SCREENED ROOFTOP MECHANICAL EQUIPMENT - SEE MECHANICAL DRAWINGS & DETAIL
5. 8" CMU WALL - SEE STRUCTURAL DRAWINGS
6. 5" CONCRETE SLAB OVER 4" MINIMUM COMPACTED ABC FILL - SEE STRUCTURAL DRAWINGS
7. SERVICE ENTRANCE SECTION - SEE ELECTRICAL DRAWINGS
8. GLU-LAM BEAM - SEE STRUCTURAL DRAWINGS
9. STEEL STRUCTURAL COLUMN - SEE STRUCTURAL DRAWINGS
10. CONCRETE PERIMETER WALL FOOTING - SEE STRUCTURAL DRAWINGS
11. CONCRETE COLUMN FOOTING - SEE STRUCTURAL DRAWINGS
12. CONCRETE TURN-DOWN - SEE STRUCTURAL DRAWINGS
13. CONCRETE THICKENED SLAB FOOTING - SEE STRUCTURAL DRAWINGS
14. GABION PLANTER WALL CONCRETE FOOTING - SEE STRUCTURAL DRAWINGS
15. PLANTER - SEE LANDSCAPE/IRRIGATION DRAWINGS & DETAIL
16. STEEL LINTEL WITH PRIMED & PAINTED FINISH - SEE STRUCTURAL DRAWINGS
17. PLANTER FINISH GRADE
18. FINISH GRADE - SEE CIVIL DRAWINGS
19. STEEL I-BEAM CONT. - SEE STRUCTURAL DRAWINGS
20. ALUMINUM STOREFRONT WINDOW SYSTEM

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

GRANITE EXPRESS
BUILDING 7330
7330 SOUTH ATWOOD, MESA, ARIZONA 85202

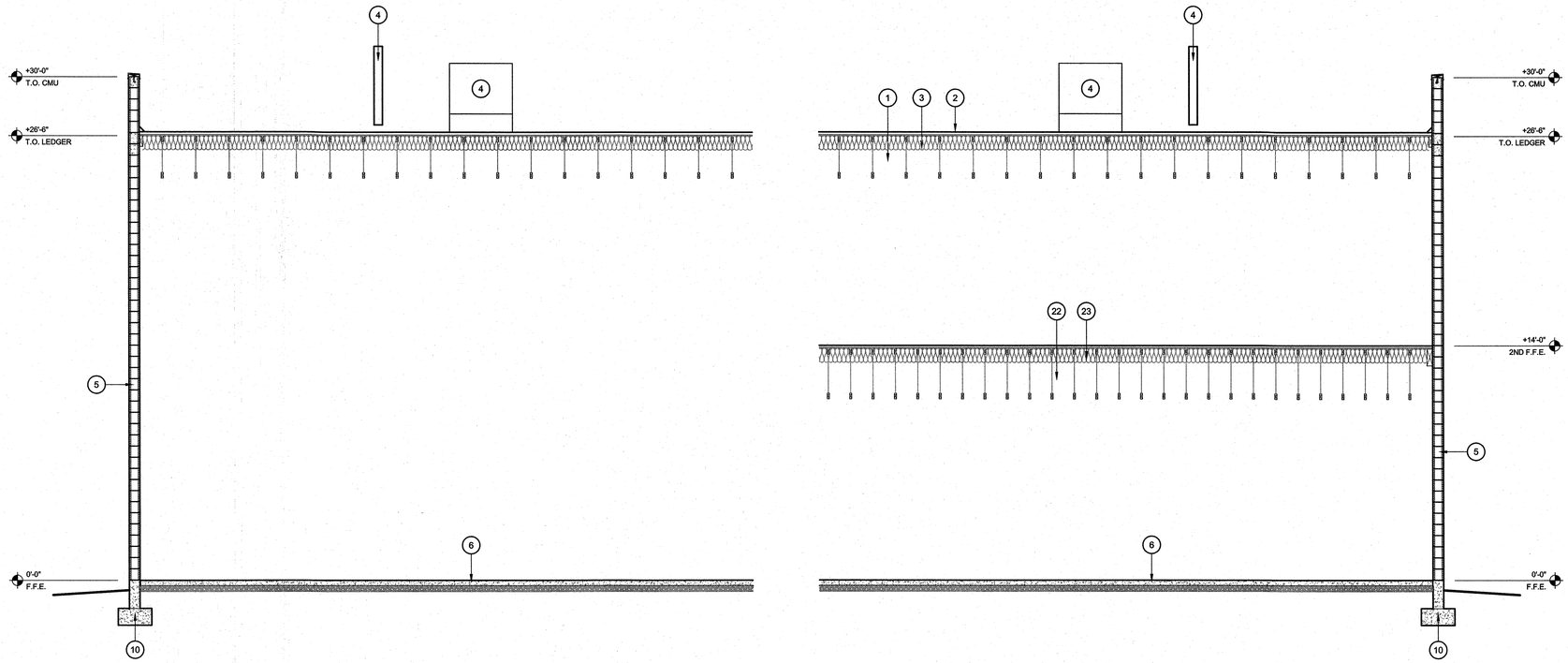
REGISTERED ARCHITECT
26984
Robert Benjamin Burgheimer
ARIZONA, U.S.A.

Expires 03-31-2020

SAC Project Number
2016-49A

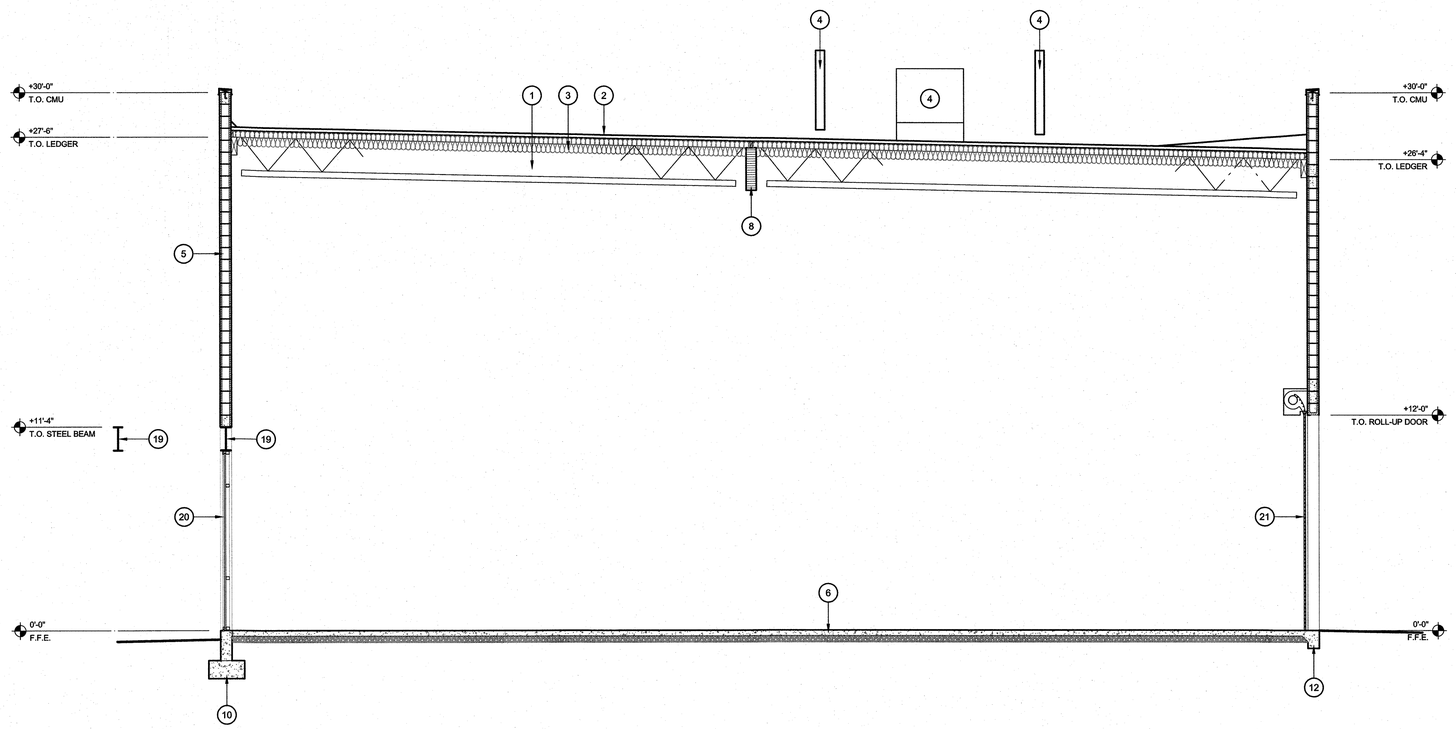
BUILDING SECTIONS - BUILDING 7330

A302



L32 BUILDING SECTION - BUILDING 7324

1/4" = 1'-0"



X32 BUILDING SECTION - BUILDING 7324

1/4" = 1'-0"

KEYNOTES

1. ROOF FRAMING SYSTEM - SEE STRUCTURAL DRAWINGS
2. BUILT-UP ROOFING
3. R-30 MINIMUM BATT INSULATION
4. FULLY SCREENED ROOFTOP MECHANICAL EQUIPMENT - SEE MECHANICAL DRAWINGS & DETAIL
5. 8" CMU WALL - SEE STRUCTURAL DRAWINGS
6. 5" CONCRETE SLAB OVER 4" MINIMUM COMPACTED ABC FILL - SEE STRUCTURAL DRAWINGS
7. SERVICE ENTRANCE SECTION - SEE ELECTRICAL DRAWINGS
8. GLU-LAM BEAM - SEE STRUCTURAL DRAWINGS
9. STEEL STRUCTURAL COLUMN - SEE STRUCTURAL DRAWINGS
10. CONCRETE PERIMETER WALL FOOTING - SEE STRUCTURAL DRAWINGS
11. CONCRETE COLUMN FOOTING - SEE STRUCTURAL DRAWINGS
12. CONCRETE TURN-DOWN - SEE STRUCTURAL DRAWINGS
13. CONCRETE THICKENED SLAB FOOTING - SEE STRUCTURAL DRAWINGS
14. GABION PLANTER WALL CONCRETE FOOTING - SEE STRUCTURAL DRAWINGS
15. PLANTER - SEE LANDSCAPE/IRRIGATION DRAWINGS & DETAIL
16. STEEL LINTEL WITH PRIMED & PAINTED FINISH - SEE STRUCTURAL DRAWINGS
17. PLANTER FINISH GRADE
18. FINISH GRADE - SEE CIVIL DRAWINGS
19. STEEL I-BEAM CONT. - SEE STRUCTURAL DRAWINGS
20. ALUMINUM STOREFRONT WINDOW SYSTEM
21. PREFINISHED STEEL ROLL-UP DOOR
22. FLOOR FRAMING SYSTEM - SEE STRUCTURAL DRAWINGS
23. SOUND BATT INSULATION BETWEEN FLOOR FRAMING MEMBERS

Sketch
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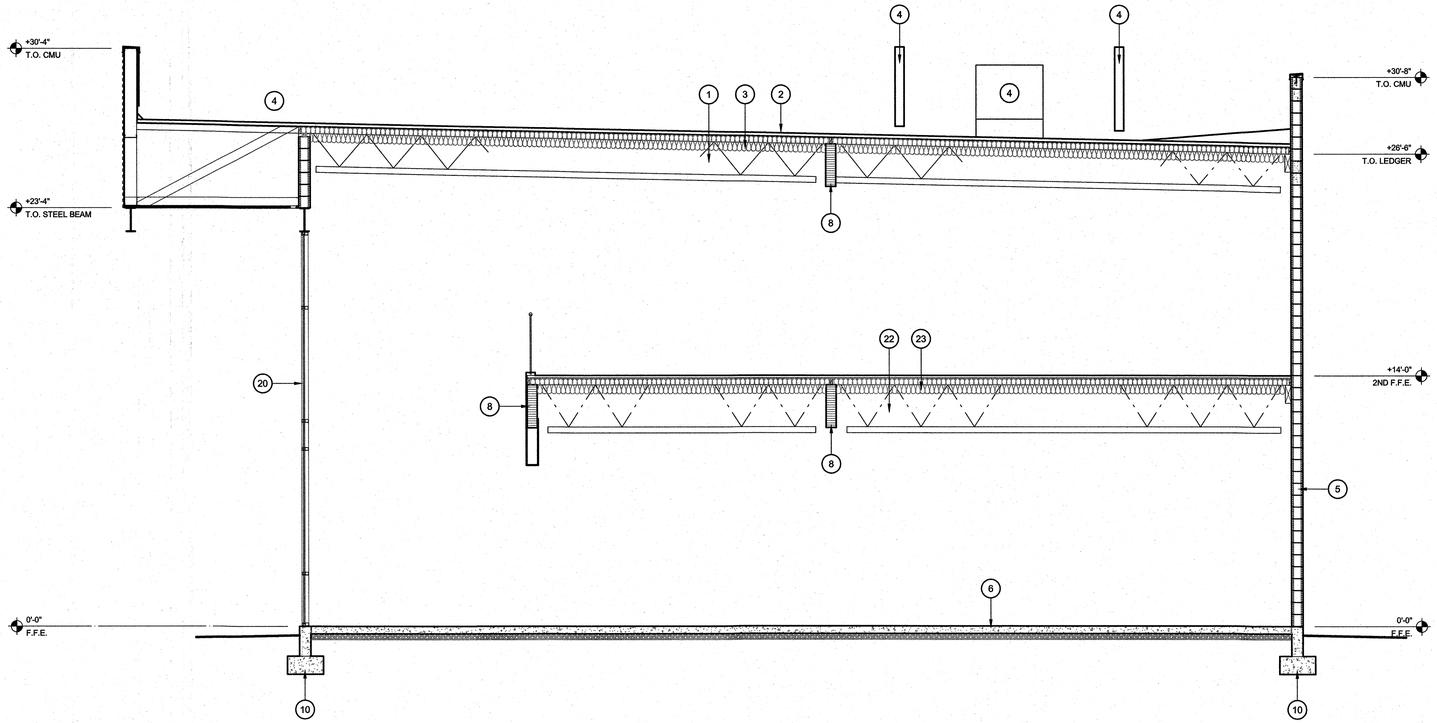
GRANITE EXPRESS
BUILDING 7324
7324 SOUTH ATWOOD, MESA, ARIZONA 85202

Expires 03-31-2020

SAC Project Number
2016-49B

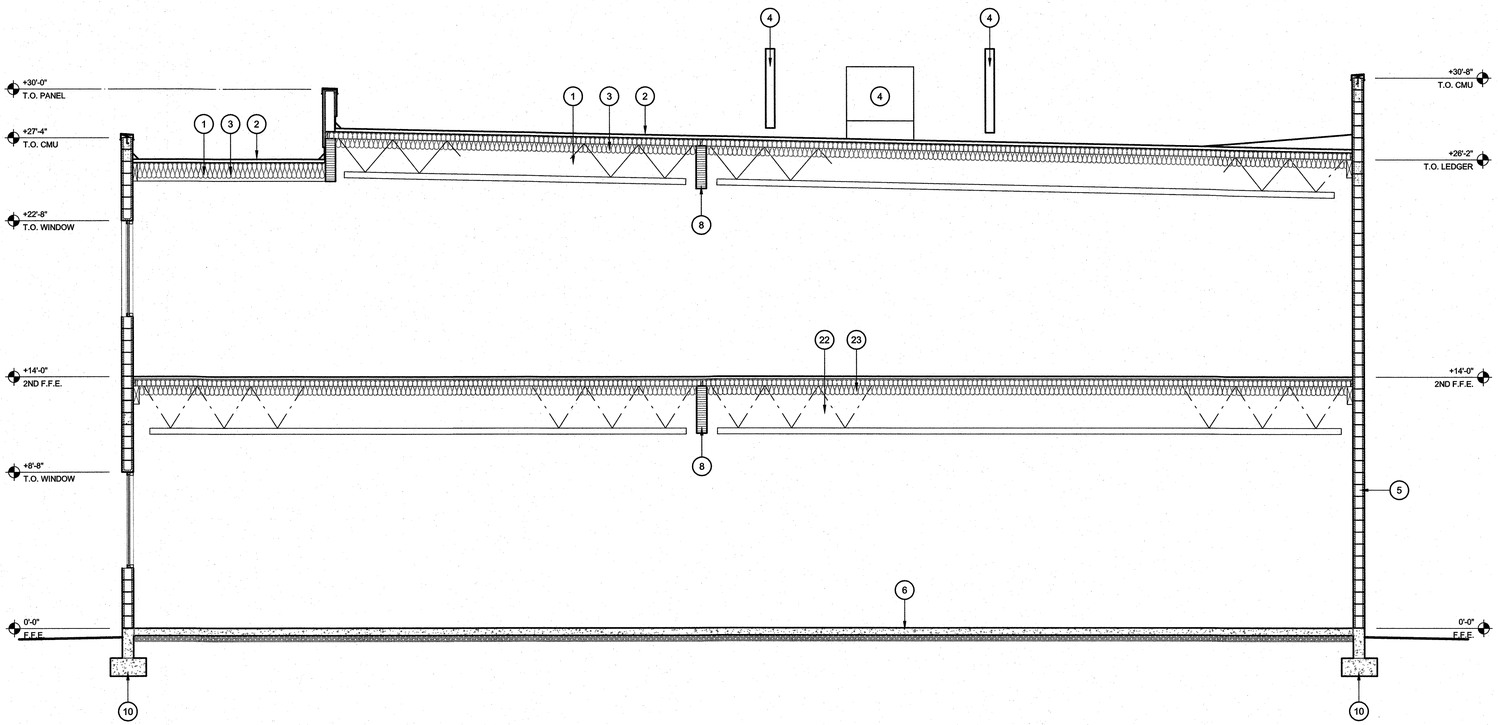
BUILDING SECTIONS - BUILDING 7324

A303



L32 BUILDING SECTION - BUILDING 7324

1/4" = 1'-0"



X32 BUILDING SECTION - BUILDING 7324

1/4" = 1'-0"

KEYNOTES

1. ROOF FRAMING SYSTEM - SEE STRUCTURAL DRAWINGS
2. BUILT-UP ROOFING
3. R-30 MINIMUM BATT INSULATION
4. FULLY SCREENED ROOFTOP MECHANICAL EQUIPMENT - SEE MECHANICAL DRAWINGS & DETAIL
5. 8" CMU WALL - SEE STRUCTURAL DRAWINGS
6. 5" CONCRETE SLAB OVER 4" MINIMUM COMPACTED ABC FILL - SEE STRUCTURAL DRAWINGS
7. SERVICE ENTRANCE SECTION - SEE ELECTRICAL DRAWINGS
8. GLU-LAM BEAM - SEE STRUCTURAL DRAWINGS
9. STEEL STRUCTURAL COLUMN - SEE STRUCTURAL DRAWINGS
10. CONCRETE PERIMETER WALL FOOTING - SEE STRUCTURAL DRAWINGS
11. CONCRETE COLUMN FOOTING - SEE STRUCTURAL DRAWINGS
12. CONCRETE TURN-DOWN - SEE STRUCTURAL DRAWINGS
13. CONCRETE THICKENED SLAB FOOTING - SEE STRUCTURAL DRAWINGS
14. GABION PLANTER WALL CONCRETE FOOTING - SEE STRUCTURAL DRAWINGS
15. PLANTER - SEE LANDSCAPE/IRRIGATION DRAWINGS & DETAIL
16. STEEL LINTEL WITH PRIMED & PAINTED FINISH - SEE STRUCTURAL DRAWINGS
17. PLANTER FINISH GRADE
18. FINISH GRADE - SEE CIVIL DRAWINGS
19. STEEL I-BEAM CONT. - SEE STRUCTURAL DRAWINGS
20. ALUMINUM STOREFRONT WINDOW SYSTEM
21. PREFINISHED STEEL ROLL-UP DOOR
22. FLOOR FRAMING SYSTEM - SEE STRUCTURAL DRAWINGS
23. SOUND BATT INSULATION BETWEEN FLOOR FRAMING MEMBERS

Sketch
Architecture Company
2454 East Southern Avenue, Mesa, Arizona 85204 ph 480.668.8915 fax 480.668.8022

GRANITE EXPRESS
BUILDING 7324
7324 SOUTH ATWOOD, MESA, ARIZONA 85202

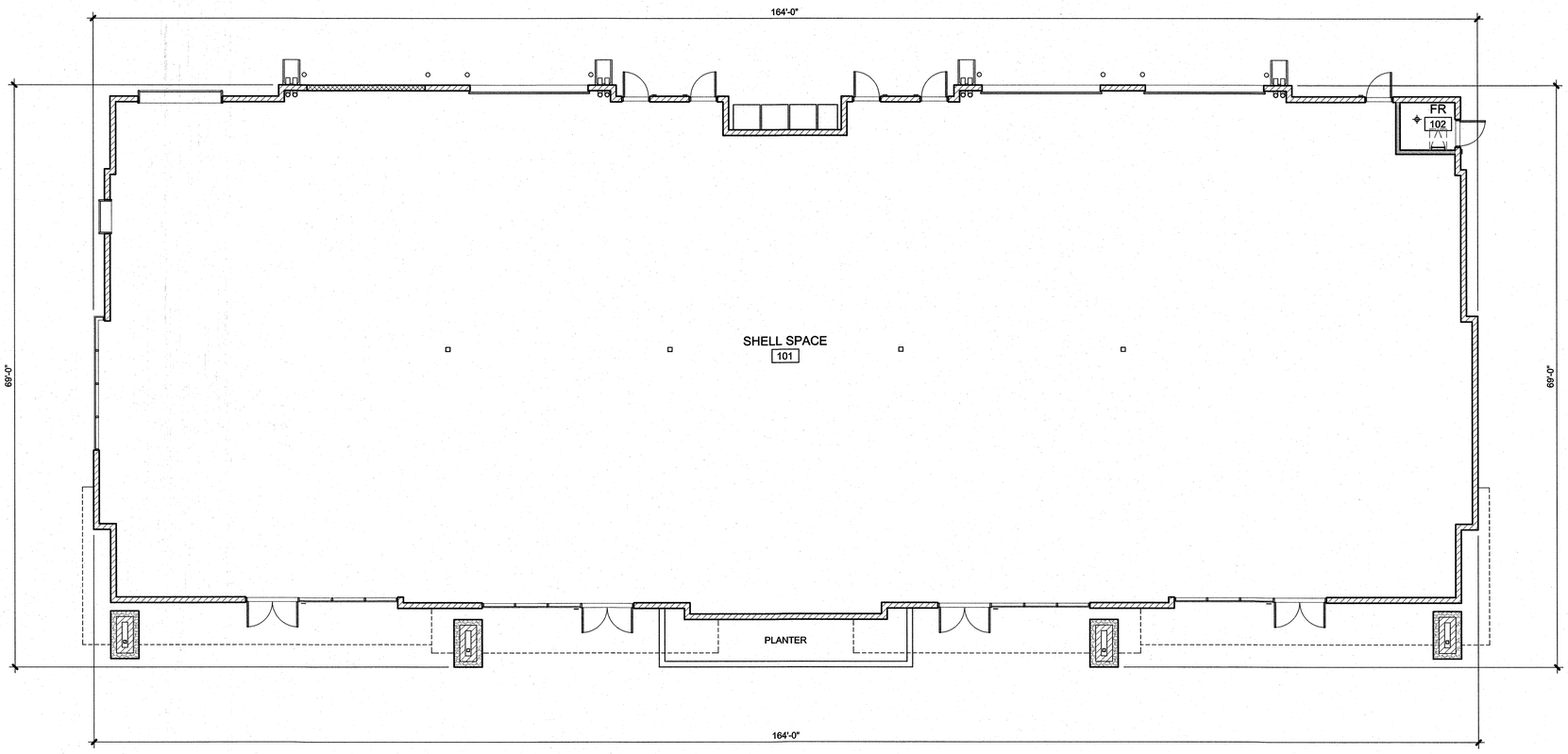
REGISTERED ARCHITECT
26984
Robert Benjamin Burgheimer
Date Signed 4/24/17
ARIZONA, U.S.A.

Expires 03-31-2020

SAC Project Number
2016-49B

BUILDING SECTIONS - BUILDING 7324

A304



X32	FLOOR PLAN - BUILDING 7330
	1/8" = 1'-0"

Sketch
Architecture Company
2454 East Southern Avenue, Mesa, Arizona 85204 ph 480.668.8015 fax 480.668.8022

GRANITE EXPRESS
BUILDINGS 7330 & 7324
7330 & 7324 SOUTH ATWOOD, MESA, ARIZONA 85202

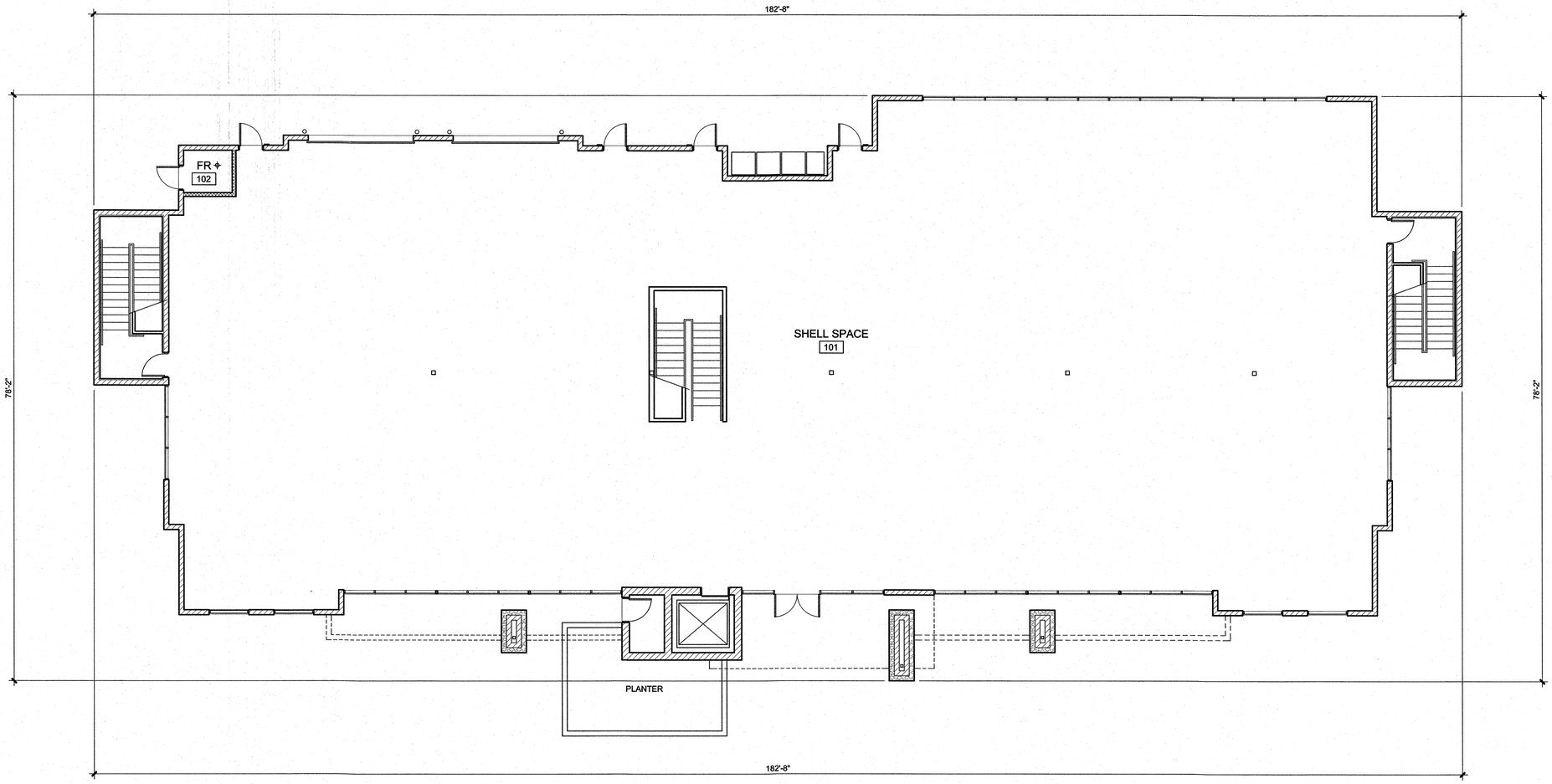
REGISTERED ARCHITECT
CERTIFICATE NO.
26984
Robert Benjamin Burgheimer
Not Signed
ARIZONA, USA

Expires 03-31-2020

SAC Project Numbers
2016-49A & 2016-49B

FLOOR PLAN
BUILDING 7330

A101



X32 MAIN FLOOR PLAN - BUILDING 7324

1/8" = 1'-0"

Sketch
Architecture Company
2454 East Southern Avenue, Mesa, Arizona 85208 ph.480.668.8015 fax.480.668.8002

GRANITE EXPRESS
BUILDINGS 7330 & 7324

7330 & 7324 SOUTH ATWOOD, MESA, ARIZONA 85202

REGISTERED ARCHITECT
26984
Robert Benjamin Burgheimer
ARIZONA, U.S.A.

Expires 03-31-2020

SAC Project Numbers
2016-49A & 2016-49B

MAIN
FLOOR PLAN -
BUILDING 7324

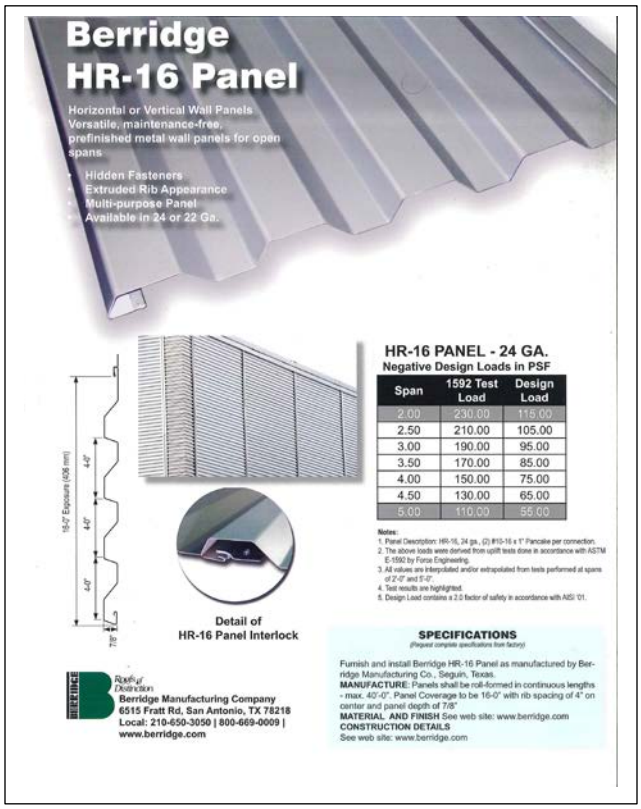
A102

Granite Express Legend:

Field Block – 8x4x16 integral colored CMU “Bone” Superlight Block

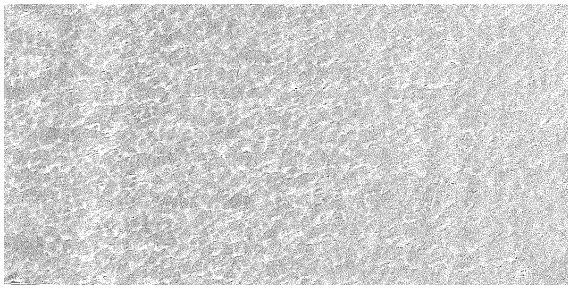
Accent Block- 8x8x16 colored ground face CMU “Malibu Sand” Trendstone

Prefinished metal wall panels Galvalume, “Berridge Vee Panel”



Prefinished horizontal siding Galvalume, “Berridge HR-16”

Gabion acid rusted system rocks matching building colors



Galvalume panel close-up

Aluminum storefront system clear anodized aluminum system with PPG Solarban 60 glazing

View from Pecos looking south into site from street

View from Atwood looking west into site from street

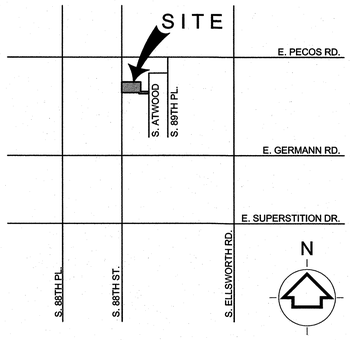
View of existing western building to be torn down.

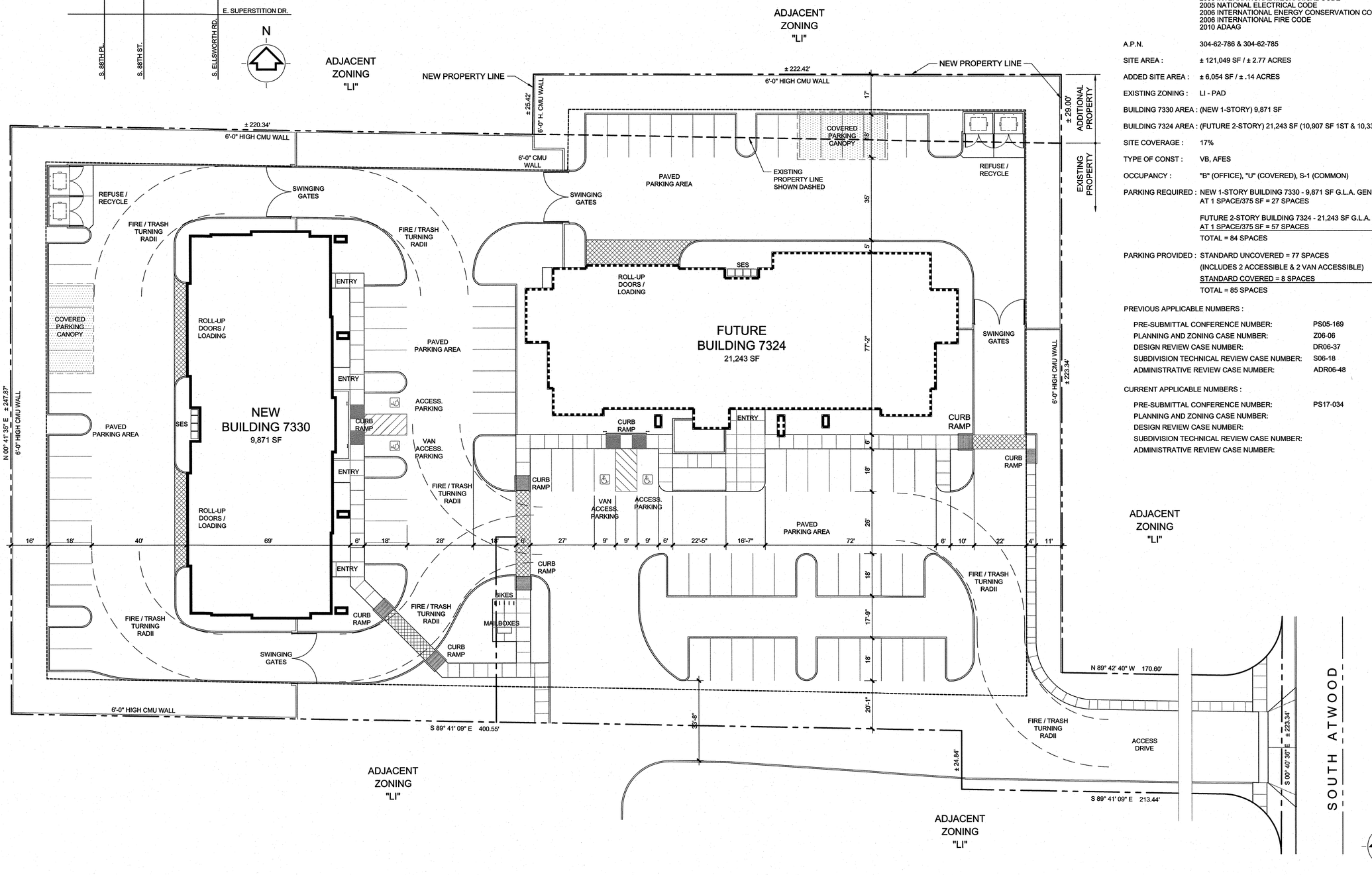
View from north side of site looking north to Pecos

View from off-site South/West corner looking toward residential area

View from site showing existing buildings

VICINITY MAP





PROJECT DATA

PROJECT :	GRANITE EXPRESS 7330 & 7324 SOUTH ATWOOD AVENUE MESA, ARIZONA 85202
PROJECT OWNER :	KELLY SHEPHERD 5332 EAST MAIN STREET MESA, ARIZONA 85205
CONTACT :	RANDOLPH L. CARTER, NCARB, AIA SKETCH ARCHITECTURE COMPANY 2454 EAST SOUTHERN AVENUE, SUITE 110 MESA, ARIZONA 85204 (480) 668-8015 FAX (480) 668-8032
BUILDING CODES :	2006 INTERNATIONAL BUILDING CODE 2006 INTERNATIONAL PLUMBING CODE 2006 INTERNATIONAL MECHANICAL CODE 2005 NATIONAL ELECTRICAL CODE 2006 INTERNATIONAL ENERGY CONSERVATION CODE 2006 INTERNATIONAL FIRE CODE 2010 ADAAG
A.P.N.	304-62-786 & 304-62-785
SITE AREA :	± 121,049 SF / ± 2.77 ACRES
ADDED SITE AREA :	± 6,054 SF / ± .14 ACRES
EXISTING ZONING :	LI - PAD
BUILDING 7330 AREA :	(NEW 1-STORY) 9,871 SF
BUILDING 7324 AREA :	(FUTURE 2-STORY) 21,243 SF (10,907 SF 1ST & 10,336 SF 2ND)
SITE COVERAGE :	17%
TYPE OF CONST :	VB, AFES
OCCUPANCY :	"B" (OFFICE), "U" (COVERED), S-1 (COMMON)
PARKING REQUIRED :	NEW 1-STORY BUILDING 7330 - 9,871 SF G.L.A. GEN. OFFICE AT 1 SPACE/375 SF = 27 SPACES FUTURE 2-STORY BUILDING 7324 - 21,243 SF G.L.A. GEN. OFF. AT 1 SPACE/375 SF = 57 SPACES TOTAL = 84 SPACES
PARKING PROVIDED :	STANDARD UNCOVERED = 77 SPACES (INCLUDES 2 ACCESSIBLE & 2 VAN ACCESSIBLE) STANDARD COVERED = 8 SPACES TOTAL = 85 SPACES

PREVIOUS APPLICABLE NUMBERS :

PRE-SUBMITTAL CONFERENCE NUMBER:	PS05-169
PLANNING AND ZONING CASE NUMBER:	Z06-06
DESIGN REVIEW CASE NUMBER:	DR06-37
SUBDIVISION TECHNICAL REVIEW CASE NUMBER:	S06-18
ADMINISTRATIVE REVIEW CASE NUMBER:	ADR06-48

CURRENT APPLICABLE NUMBERS :

PRE-SUBMITTAL CONFERENCE NUMBER:	PS17-034
PLANNING AND ZONING CASE NUMBER:	
DESIGN REVIEW CASE NUMBER:	
SUBDIVISION TECHNICAL REVIEW CASE NUMBER:	
ADMINISTRATIVE REVIEW CASE NUMBER:	

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

GRANITE EXPRESS
BUILDINGS 7330 & 7324
7330 & 7324 SOUTH ATWOOD, MESA, ARIZONA 85202

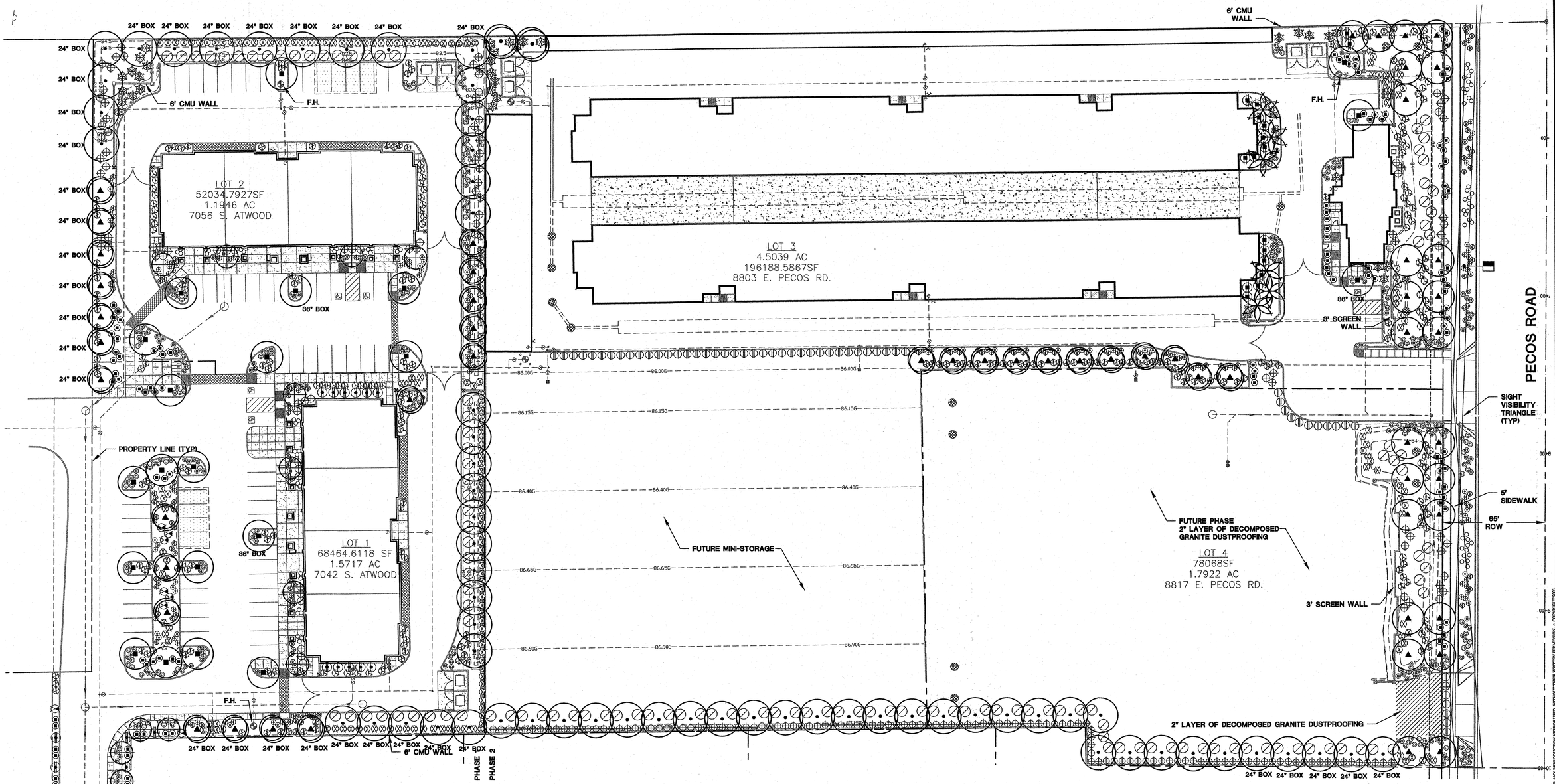
REGISTERED ARCHITECT
ARIZONA
26984
Robert Benjamin Burgheimer
Expires 03-31-2020

SAC Project Numbers
2016-49A & 2016-49B

ARCHITECTURAL SITE PLAN

SD101

X32 | ARCHITECTURAL SITE PLAN
1" = 20'-0"



PLANT SCHEDULE

SYMBOL	BOTANICAL/COMMON NAME	SIZE	QTY.	REMARKS
	TREES			
	ACACIA ANEURA MULGA	48" BOX 24" BOX	1 14	STAKE AS REQUIRED
	ACACIA SMALLII SWEET ACACIA	24" BOX	2	STAKE AS REQUIRED
	CERCIDIUM PRAECOX PALO BREA	36" BOX	25	STAKE AS REQUIRED
	PHOENIX DACTYLIFERA DATE PALM	VARIES	6	PROVIDED BY OWNER
	PARKINSONIA HYBRID 'DESERT MUSEUM' DESERT MUSEUM PALO VERDE	36" BOX 24" BOX	3 18	STAKE AS REQUIRED
	PITHECELLOBIUM FLEXICAULE TEXAS EBONY	24" BOX 15 GAL.	18 20	STAKE AS REQUIRED
	PROSOPIS CHILENSIS 'THORNLESS' THORNLESS CHILEAN MESQUITE	24" BOX 15 GAL.	22 40	STAKE AS REQUIRED
	SHRUBS			
	BOUGAINVILLEA S. 'BARBARA KARST' BARBARA KARST BOUGAINVILLEA	5 GAL.	22	1 GPH EMITTER
	CAESALPINIA PULCHERRIMA RED BIRD OF PARADISE	5 GAL.	12	1 GPH EMITTER
	CALLIANDRA CALIFORNICA RED FAIRY DUSTER	5 GAL.	218	1 GPH EMITTER
	LEUCOPHYLLUM ZYGOPHYLLUM 'CIMARRON'tm CIMARRON SAGE	5 GAL.	127	1 GPH EMITTER
	RUELLIA PENINSULARIS BAJA REULLIA	5 GAL.	187	1 GPH EMITTER
	TECOMA SPP. 'ORANGE JUBILEE'	5 GAL.	17	1 GPH EMITTER

SYMBOL	BOTANICAL/COMMON NAME	SIZE	QTY.	REMARKS
	ACCENTS			
	DASYLIRION WHEELERI DESERT SPOON	5 GAL.	33	1 GPH EMITTER
	HESPERALOE PARVIFLORA RED YUCCA	5 GAL.	197	1 GPH EMITTER
	MUHLENBERGIA CAPILARIS 'REGAL MIST' REGAL MIST DEER GRASS	5 GAL.	109	1 GPH EMITTER
	GROUNDCOVER			
	ACACIA REDOLENS 'LOW BOY' N.C.N.	1 GAL.	123	1 GPH EMITTER
	LANTANA SPP. 'NEW GOLD' LANTANA	1 GAL.	301	1 GPH EMITTER
	LANTANA MONTEVIDENSIS PURPLE TRAILING LANTANA	1 GAL.	373	1 GPH EMITTER
	RUELLIA BRITTONIANA 'KATIE' DWARF RUELLIA	1 GAL.	74	1 GPH EMITTER
	MATERIAL			
	DECOMPOSED GRANITE "SADDLEBACK BROWN"	1/2" SCREENED		2" DEPTH ALL LANDSCAPE AREAS

NOTE: TREE HEIGHTS AND CALIPERS WILL COMPLY WITH "ARIZONA NURSERY ASSOCIATION SPECIFICATIONS" FOR THAT TYPE AND SIZE OF TREE

NOTE: LANDSCAPE TO BE WATERED BY AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM.

LANDSCAPE PLAN

0 30 60 90 120

GILMORE PARSONS
LAND DESIGN GROUP
2211 N. 7th Street
Phoenix, Az 85006
T 602.266.5622
F 602.266.5707
www.getgilmore.com
LANDSCAPE ARCHITECTURE
LAND PLANNING

WILLIAM GATEWAY MINISTORAGE & MASTER PLAN PHASE 1 & 2

8803 E. PECOR ROAD
MESA, AZ
PREPARED FOR: DREAMCATCHERS PLANNING AND DESIGN

JOB NO.	06070
DRAWN BY.	TCB
APPROVED BY.	SCP
DATE.	8.18.06

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
34188
STEPHEN C. PARSONS
Date Signed 5.21.07
ARIZONA, U.S.A.

REVISIONS.
1. CITY'S 1ST COM. 11.21.06
2. CITY'S 2ND COM. 5.4.07
3.CITY'S 3RD COM. 5.21.07
4.

LANDSCAPE PLAN

SHEET
L101
11 OF 13

PLANT SCHEDULE

SYMBOL	BOTANICAL/COMMON NAME	SIZE	QTY.	REMARKS
	TREES			
	ACACIA ANEURA MULGA	48" BOX 24" BOX	1 14	STAKE AS REQUIRED
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	PARKINSONIA HYBRID 'DESERT MUSEUM' DESERT MUSEUM PALO VERDE	36" BOX 24" BOX	3 19	STAKE AS REQUIRED
	PITHECELLOBIUM FLEXICAULE TEXAS EBONY	24" BOX 15 GAL.	18 20	STAKE AS REQUIRED
	PROSOPIS CHILENSIS 'THORNLESS' THORNLESS CHILEAN MESQUITE	24" BOX 15 GAL.	22 40	STAKE AS REQUIRED
	SHRUBS			
	BOUGAINVILLEA S. 'BARBARA KARST' BARBARA KARST BOUGAINVILLEA	5 GAL.	22	1 GPH EMITTER
	CAESALPINIA PULCHERRIMA RED BIRD OF PARADISE	5 GAL.	12	1 GPH EMITTER
	CALLIANDRA CALIFORNICA RED FAIRY DUSTER	5 GAL.	220	1 GPH EMITTER
	LEUCOPHYLLUM ZYGOPHYLLUM 'CIMARRON'tm CIMARRON SAGE	5 GAL.	127	1 GPH EMITTER
	RUELLIA PENINSULARIS BAJA RUELLIA	5 GAL.	186	1 GPH EMITTER
	TECOMA SPP. 'ORANGE JUBILEE'	5 GAL.	17	1 GPH EMITTER
	ACCENTS			
	DASYLIRION WHEELERI DESERT SPOON	5 GAL.	33	1 GPH EMITTER
	HESPERALOE PARVIFLORA RED YUCCA	5 GAL.	202	1 GPH EMITTER
	MUHLENBERGIA CAPILARIS 'REGAL MIST' REGAL MIST DEER GRASS	5 GAL.	112	1 GPH EMITTER
	GROUNDCOVER			
	ACACIA REDOLENS 'LOW BOY' N.O.N.	1 GAL.	123	1 GPH EMITTER
	LANTANA SPP. 'NEW GOLD' LANTANA	1 GAL.	304	1 GPH EMITTER
	LANTANA MONTEVIDENSIS PURPLE TRAILING LANTANA	1 GAL.	373	1 GPH EMITTER
	RUELLIA BRITTONIANA 'KATIE' DWARF RUELLIA	1 GAL.	74	1 GPH EMITTER
	MATERIAL			
	DECOMPOSED GRANITE "SADDLEBACK BROWN"	1/2" SCREENED		2" DEPTH ALL LANDSCAPE AREAS

NOTE: TREE HEIGHTS AND CALIPERS WILL COMPLY WITH "ARIZONA NURSERY ASSOCIATION SPECIFICATIONS" FOR THAT TYPE AND SIZE OF TREE

NOTE: LANDSCAPE TO BE WATERED BY AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM.

NOTE: ALL LANDSCAPING AND IRRIGATION TO BE INSTALLED AS A PART OF PHASE 1 OF CONSTRUCTION

LANDSCAPE NOTES

1. CONTRACTOR TO OBTAIN PERMITS FROM LOCAL AGENCIES AND UTILITY COMPANIES HAVING JURISDICTION OVER THIS SITE.
2. CONTRACTOR TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO ANY INSTALLATION.
3. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO INSTALL THE WORK INDICATED ON THE LANDSCAPE DOCUMENTS. HE SHALL BE RESPONSIBLE FOR CAREFUL SITE INSPECTION, DETAILED REVIEW OF THE PLANS, AND COORDINATION WITH OTHER CONTRACTORS ON-SITE PRIOR TO ANY INSTALLATION. ANY DISCREPANCIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE OWNER'S AGENT.
4. PRIOR TO INITIATING THESE LANDSCAPE IMPROVEMENTS, THE LANDSCAPE CONTRACTOR MUST SCHEDULE A PRE- CONSTRUCTION MEETING ON-SITE WITH THE APPROVAL OF THE OWNER AND THE GENERAL CONTRACTOR. THE OWNER'S REPRESENTATIVE AND/OR THE PROJECT LANDSCAPE ARCHITECT MUST BE PRESENT. THE PURPOSE OF THIS MEETING IS TO RESOLVE ANY EXISTING SITE CONDITIONS THAT MAY BE IN CONFLICT WITH THESE LANDSCAPE CONSTRUCTION DOCUMENTS AND THEREFORE IMPACT THE INSTALLATION OF ANY OF THESE PROPOSED IMPROVEMENTS. THIS FIRST MEETING SHOULD BE SCHEDULED TO OCCOR AFTER THE COMPLETION OF ON-SITE AND OFF-SITE IMPROVEMENTS INCLUDING: ALL UNDERGROUND UTILITIES, MASS GRADING, AND STREET IMPROVEMENTS.
5. DAMAGE TO EXISTING LANDSCAPING, UNDERGROUND UTILITIES, IRRIGATION LINES, ELECTRICAL LINES, ETC. SHALL BE REPAIRED AT CONTRACTORS EXPENSE.
6. ANY DISCREPANCIES FOUND BETWEEN THE PLANS AND THE SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
7. ALL QUANTITIES PROVIDED ARE FOR BIDDING PURPOSES ONLY. LANDSCAPE CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO CONSTRUCTION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINISH GRADES IN LANDSCAPED AREAS. HE SHALL DETERMINE, WITH THE GENERAL CONTRACTOR, THE EXTENT OF ROUGH GRADING AND/OR FINE GRADING TO BE ESTABLISHED BY OTHERS.
9. ALL GRADING AND DRAINAGE SHALL BE IN ACCORDANCE WITH THE PLANS PREPARED BY THE PROJECT CIVIL ENGINEER, OR AS DIRECTED BY THE OWNER'S AGENT. PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING(S) IN ALL CONDITIONS. CONTRACTOR TO MEET ALL EXISTING GRADES AT PROJECT BOUNDARIES. FINISH GRADE SHALL BE 3" BELOW THE TOP OF ADJACENT WALKS AND CURBS PRIOR TO RECEIVING MULCH OR DECOMPOSED GRANITE.
10. ALL AREAS DISTURBED DURING CONSTRUCTION TO BE FINE GRADED. ADJACENT UNDISTURBED AREAS DAMAGED OR DISTURBED TO BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
11. CONTRACTOR SHALL FINE GRADE ENTIRE LANDSCAPED AREA AS REQUIRED FOR INSTALLATION OF PLANTING. ALL GRADES SHALL BE NEAT, RAKED SMOOTH AND BE FREE OF DEBRIS PRIOR TO SUBSTANTIAL COMPLETION.
12. PRIOR TO SPREADING MATERIAL GROUNDCOVERS, ADJUST AND COMPACT FINISH GRADES, APPLY WEED PRE-EMERGENT SURFLAN AS PER MANUFACTURER'S INSTRUCTIONS. THEN SPREAD DECOMPOSED GRANITE, RIVER RUN, OR MULCH AS INDICATED ON PLANS. DECOMPOSED GRANITE SHALL BE WATERED, THEN COMPACTED WITH A SOD ROLLER TO A MINIMUM DEPTH OF 2" AFTER COMPACTION. PROVIDE A SECOND APPLICATION OF THE PRE-EMERGENT SURFLAN AT THE END OF THE MAINTENANCE PERIOD.
13. ALL LANDSCAPED AREAS SHALL RECEIVE A 2" TOP DRESSING OF DECOMPOSED GRANITE AS SPECIFIED IN THE LANDSCAPE PLANT SCHEDULE. PROVIDE SAMPLE OF SIZE AND COLOR FOR APPROVAL BY OWNER'S AGENT PRIOR TO DELIVERY.
14. STAKE LOCATIONS OF ALL TREES FOR APPROVAL PRIOR TO INSTALLATION OF ANY PLANT MATERIAL.
15. ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL BRANCHED AND DENSELY FOLIATED (WHEN IN-LEAF) AS IS TYPICAL FOR THE SPECIES. THEY SHALL HAVE HEALTHY, WELL DEVELOPED ROOT SYSTEMS (NOT POT BOUND), A NORMAL HABIT OF GROWTH CONSISTENT WITH INDUSTRY STANDARDS, AND FREE OF ANY BRUISES, CUTS, OR OTHER ABNORMALITIES. PLANT MATERIAL SHALL BE SIZED IN ACCORDANCE WITH THE AMERICAN STANDARD FOR NURSERY STOCK, LATEST EDITION, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMAN, AND THE ARIZONA NURSERYMAN ASSOCIATION STANDARDS.
16. ALL RIGHT-OF-WAY PLANT MATERIAL MUST BE IN COMPLIANCE WITH THE DEPARTMENT OF WATER RESOURCES LOW WATER USE PLANT LIST. NO PLANT SUBSTITUTIONS, TYPE, OR QUANTITY DEVIATIONS FROM THE APPROVED LANDSCAPE PLANS WITHOUT PRIOR APPROVAL FROM THE CITY OF MESA.
17. BACKFILL MIXTURES, EXCEPT AS NOTED, TO BE COMPRISED OF 75% NATIVE SOIL AND 25% DECOMPOSED GRANULAR BARK MULCH, AND 2 LBS. DISPERSAL PER CUBIC YARD OF BACKFILL.
18. ADD AGRI-FORM FERTILIZER TABLETS AT THE FOLLOWING RATES:
    1 GALLON PLANT - 1 TABLET 15 GALLON PLANT - 4 TABLETS
    5 GALLON PLANT - 2 TABLET BOXED TREE - 6 TABLETS (MIN.)
    TABLETS TO BE PLACED NO DEEPER THAN 6" BELOW SOIL SURFACE.
19. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL PLANTS SHOWN ON PLANTING PLAN. DO NOT SUBSTITUTE PLANTS BY TYPE OR QUANTITY WITHOUT WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT OR OWNER'S AGENT.
20. THE OWNER'S AGENT RESERVES THE RIGHT TO REJECT ANY SELECTION OF PLANT MATERIAL THAT DOES NOT SATISFY THE INTENT OF THE LANDSCAPE DESIGN BASED ON: SIZE, SHAPE, EVIDENCE OF STRESS OR IMPROPER CARE.
21. PRIOR TO INITIATING THE 90-DAY MAINTENANCE PERIOD, COMPLETE ANY INITIAL PUNCH LIST ITEMS, THEN OBTAIN APPROVAL FROM OWNER'S AGENT OF SUBSTANTIAL COMPLETION. DETERMINE WITH OWNER'S AGENT THE START DATE FOR THE 90-DAY MAINTENANCE PERIOD. CONTRACTOR TO THEN MAINTAIN LANDSCAPE WHICH MAY INCLUDE WATERING, WEEDING, PRUNING, AND REPLACEMENT OF ANY MATERIAL THAT HAS DIED OR IS SHOWING EVIDENCE OF STRESS. SUBMIT WRITTEN REQUEST FOR FINAL PUNCH LIST ONE WEEK PRIOR TO END OF MAINTENANCE PERIOD.
22. PROVIDE OWNER WITH A WRITTEN GUARANTEE OF SIX (6) MONTHS FOR ALL PLANT MATERIAL DATED FROM START OF MAINTENANCE PERIOD AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH. PROVIDE OWNER WITH WRITTEN INSTRUCTIONS OUTLINING MAINTENANCE PROCEDURES TO BE ADOPTED IN ORDER TO PROTECT GUARANTEE. INCLUDE WATERING SCHEDULE AND FERTILIZER PROGRAM. (1) YEAR GUARANTEE FOR PALMS.
23. TREAT ALL DATE PALM TREES FOR CROWN ROT AT LEAST ONCE PRIOR TO END OF THE GUARNTEE PERIOD. CONTRACTOR SHALL ARRANGE FOR A SUBCONTRACTOR SPECIALIZING IN PALM TREE MAINTENANCE TO SERVICE ALL PALMS AND PROVIDE BRIEF STATEMENT FOR EACH PALM.
24. INSTALL ALL SIDEWALKS PER A.D.A. REQUIREMENTS.

CITY OF MESA NOTES

1. THERE ARE NO OVERHEAD POWERLINES ON SITE
2. ALL NEW SIGNAGE TO BE UNDER SEPARATE REVIEW AND PERMIT
3. ALL EXISTING SIGNAGE TO BE BROUGHT INTO CURRENT CODE CONFORMANCE
4. ENTIRE PERIMETER WALL AND LANDSCAPING REQUIRED WITHFIRST PHASE OF DEVELOPMENT
5. PARALLEL FENCE WILL NOT BE PERMITTED ANYWHERE ON THE PROJECT
6. HOME OWNER'S ASSOCIATION IS RESPONSIBLE FOR MAINTENANCE OF ALL LANDSCAPING INSTALLED WITH THIS PROJECT- INCLUDING R.O.W. LANDSCAPING

IRRIGATION SCHEDULE

SYMBOL	ITEM	DESCRIPTION	REMARKS
M		WATER METER (BY OWNER)	SIZE NOTED ON PLANS
	FEBCO	825YA REDUCED PRESSURE BACKFLOW PREVENTER	SIZE NOTED ON PLANS
A	IRRITROL	RD600-EXT, AUTOMATIC WALL MOUNTED CONTROLLER	MOUNT ON WALL PER OWNER'S DIRECTION
B	IRRITROL	RD900-EXT, AUTOMATIC WALL MOUNTED CONTROLLER	MOUNT ON WALL PER OWNER'S DIRECTION
C	IRRITROL	RD600-EXT, AUTOMATIC WALL MOUNTED CONTROLLER	MOUNT ON WALL PER OWNER'S DIRECTION
		PRECAST CONCRETE VALVE BOX	SIZE NOTED ON PLANS
	NIBCO	BRASS GATE VALVE	
	RAINBIRD	#100 PEB SERIES ELECTRONIC REMOTE CONTROL DRIP VALVE WITH AN RBY-100-200 MX SERIES WATT WYE STRAINER	SIZE NOTED ON PLANS SEE DETAIL
	RAINBIRD	PEB SERIES ELECTRONIC REMOTE CONTROL TURF VALVE.	SIZE NOTED ON PLANS SEE DETAIL
		TURF LATERAL, CLASS 200 PVC OR BETTER	SIZE PER PIPE SCHED.
	RAINBIRD	PSI MX-30 PRESET PRESSURE REGULATOR	SEE DETAIL
		SCH. 40 PVC MAINLINE	SIZE NOTED ON PLANS
		TYPE 'K' COPPER MAINLINE	SIZE NOTED ON PLANS
		SCH. 40 PVC SUB-MAIN	SIZE NOTED ON PLANS
		3/4" PVC DRIP LATERAL, CLASS 200 PVC OR BETTER	
		PVC SLEEVING, SCH. 40 SLEEVE UNDER ALL PAVING TYP.	2x SIZE OF PIPE PASSING THROUGH
E		ELECTRICAL PVC SLEEVING, SCH. 40 SLEEVE UNDER ALL PAVING TYP.	(1 1/2" MIN.)
	SPEARS	MALE ADAPTOR, M-66-P MALE FLUSH CAP	SEE DETAIL

BUBBLER SCHEDULE

ITEM	SYMBOL	DESCRIPTION		GPM/PRESSURE
HUNTER	NOT SHOWN	PCB-20	BUBBLER	2.0 GPM / 25 PSI

BOWSMITH EMITTER NOTES

1. INSTALL ONE SB-08 (1/2 GPH) SINGLE OUTLET EMITTER PER SHRUB OR GROUND COVER AS AS REQUIRED. SEE LANDSCAPE SCHEDULE FOR APPROPRIATE EMITTER APPLICATION.
2. INSTALL ONE SB-10 (1.0 GPH) SINGLE OUTLET EMITTER PER SHRUB OR GROUND COVER AS REQUIRED. SEE LANDSCAPE SCHEDULE FOR APPROPRIATE EMITTER APPLICATION.
3. INSTALL SB-10 (1.0 GPH) SINGLE OUTLET EMITTER PER TREE AS REQUIRED.
4. INSTALL ALL EMITTERS UP GRADE FROM PLANT MATERIAL.
5. USE RIGID PVC AS EMITTER LATERALS THROUGHOUT.
6. INSTALL FLUSH END CAPS AT ALL ENDS OF LATERALS AS SHOWN.
7. INSTALL ALL EQUIPMENT AS PER MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS.

PIPE SIZING SCHEDULE

PIPE SIZE	GAL/MIN.	PIPE SIZE	GAL/MIN.
1/2"	0-5	1 1/4"	16-25
3/4"	6-10	1 1/2"	26-35
1"	11-15	2"	36-55

LANDSCAPE CALCULATIONS

	REQUIRED	PROVIDED
STREET FRONTAGE LANDSCAPE (PECOS ROAD) 470 LF DIVIDED BY 2 TREE, 6 SHRUBS PER 25 LF 17,860 S.F. MULTIPLY BY 50% (GROUND COVER MIN.)	38 TREES, 114 SHRUBS 8,930 S.F. 10-36" BOX 19-24"BOX 9-15 GAL.	10 TREES, 76 SHRUBS 12,500 S.F. 23-36" BOX 0-24"BOX 0-15 GAL.
STREET FRONTAGE LANDSCAPE (EAST ENTRY ROAD) 50 LF DIVIDED BY 2 TREE, 6 SHRUBS PER 25 LF 400 S.F. MULTIPLY BY 50% (GROUND COVER MIN.)	4 TREES, 12 SHRUBS 200 S.F. 1-36" BOX 2-24" BOX 1-15 GAL.	1 TREES, 8 SHRUBS 300 S.F. 1-48" BOX 0-36" BOX 0-24" BOX 0-15 GAL.
LANDSCAPE ADJACENT TO EAST : 850 LF DIVIDED BY 1 TREE, 4 SHRUBS PER 20 LF 11,900 S.F. MULTIPLY BY 50% (GROUND COVER MIN.)	43 TREES, 170 SHRUBS 5,950 S.F. 22-24" BOX 21-15 GAL.	11 TREES, 40 SHRUBS 9,520 S.F. 12-24" BOX 11-15 GAL.
LANDSCAPE ADJACENT TO SOUTH : 630 LF DIVIDED BY 1 TREE, 4 SHRUBS PER 20 LF 3,325 S.F. MULTIPLY BY 50% (GROUND COVER MIN.)	32 TREES, 126 SHRUBS 1,663 S.F. 16-24" BOX 16-15 GAL.	24 TREES, 92 SHRUBS 2,660 S.F. 1-48" BOX 23-24" BOX 0-15 GAL.
LANDSCAPE ADJACENT TO WEST : 410 LF DIVIDED BY 1 TREE, 4 SHRUBS PER 20 LF 6,060 S.F. MULTIPLY BY 50% (GROUND COVER MIN.)	21 TREES, 84 SHRUBS 3,030 S.F. 11-24" BOX 10-15 GAL.	19 TREES, 88 SHRUBS 4,240 S.F. 2-36" BOX 11-24" BOX 6-15 GAL.
LANDSCAPE PER PARKING SPACES 57 PARKING SPACES DIVIDED BY ONE TREE, 3 SHRUBS PER 8 SPACES	11 TREES, 30 SHRUBS 1-36" BOX 10-24" BOX	18 TREES, 57 SHRUBS 2-36" BOX 16-24" BOX
FOUNDATION LANDSCAPING FOR S.E.C. BUILDING : STREET FRONTAGE WITH PUBLIC ENTRY 0 LF DIVIDED BY 1 TREE PER 50 LF STREET FRONTAGE WITH OUT PUBLIC ENTRY 0 LF DIVIDED BY 1 TREE PER 50 LF NON STREET FRONTAGE 450 LF DIVIDED BY 1 TREE PER 50 LF	0 TREES 0 TREES 6 TREES 1-36" BOX 4-24"BOX	0 TREES 0 TREES 6 TREES 1-36" BOX 5-24"BOX
FOUNDATION LANDSCAPING FOR S.W.C. BUILDING : STREET FRONTAGE WITH PUBLIC ENTRY 0 LF DIVIDED BY 1 TREE PER 50 LF STREET FRONTAGE WITH OUT PUBLIC ENTRY 0 LF DIVIDED BY 1 TREE PER 50 LF NON STREET FRONTAGE 450 LF DIVIDED BY 1 TREE PER 50 LF	0 TREES 0 TREES 5 TREES 1-36" BOX 4-24"BOX	0 TREES 0 TREES 5 TREES 1-36" BOX 4-24"BOX
FOUNDATION LANDSCAPING FOR MINI-STORAGE OFFICE BULDING : STREET FRONTAGE WITH PUBLIC ENTRY 0 LF DIVIDED BY 1 TREE PER 50 LF STREET FRONTAGE WITH OUT PUBLIC ENTRY 90 LF DIVIDED BY 1 TREE PER 50 LF NON STREET FRONTAGE 130 LF DIVIDED BY 1 TREE PER 50 LF	0 TREES 2 TREES 3 TREES 1-36" BOX 4-24"BOX	0 TREES 6 TREES 2 TREES 3-36" BOX 1-24"BOX
TOTAL NUMBER OF 24" BOX	89 TREES	64 TREES
TOTAL NUMBER OF 36" BOX (OR LARGER) TREES	15 TREES	72 TREES
TOTAL NUMBER OF 5 GALLON SHRUBS	538 SHRUBS	584 SHRUBS

IRRIGATION NOTES

1. ALL EXACT QUANTITIES OF EQUIPMENT REMAIN THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR AND NO ADDITIONAL COSTS TO OWNER WILL BE ACCEPTED AFTER BIDDING THIS PROJECT.
2. PLANS ARE DIAGRAMMATIC AND APPROXIMATE. ALL VALVES AND PIPING SHALL BE LOCATED IN PLANTING AREAS AND ALL PIPING SHALL BE INSTALLED PRIOR TO PAVING WORK. NO TEES, ELS OR OTHER TURNS IN PIPING SHALL BE LOCATED UNDER PAVING EXCEPT WHERE SHOWN ON DRAWINGS. CAP ALL ENDS HAND TIGHT PRIOR TO BACKFILL.
3. THE IRRIGATION SYSTEM IS DESIGNED FOR 60 STATIC PSI. CONTRACTOR SHALL VERIFY WATER PRESSURE IN FIELD PRIOR TO CONSTRUCTION. SHOULD A DISCREPANCY EXIST BETWEEN DESIGN PRESSURE AND THE FIELD PRESSURE, NOTIFY OWNERS AGENT IMMEDIATELY.
4. CONTRACTOR TO CONFORM TO ALL STATE AND LOCAL CODES AND OBTAIN PERMITS FROM LOCAL AGENCIES AND UTILITY COMPANIES HAVING JURISDICTION OVER THIS SITE.
5. CONTRACTOR TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO ANY INSTALLATION. CONTACT BLUE STAKES CENTER (263-1100) FORTY-EIGHT (48) HOURS PRIOR TO CONSTRUCTION.
6. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO INSTALL THE IMPROVEMENTS INDICATED ON THE IRRIGATION PLAN(S). HE SHALL BE RESPONSIBLE FOR CAREFUL SITE INSPECTION, A DETAILED REVIEW OF ALL THE LANDSCAPE DOCUMENTS, AND COORDINATION WITH OTHER CONTRACTORS ON-SITE PRIOR TO ANY INSTALLATION. ANY DISCREPANCIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE OWNER'S AGENT.
7. CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL SLEEVING UNDER ALL PAVED SURFACES WITH THE GENERAL CONTRACTOR.
8. PROVIDE PLASTIC VALVE BOXES FOR ALL UNDERGROUND VALVES, PRESET PRESSURE REGULATORS AND FLUSH PLUGS.
9. USE ONLY #14 OR #12 (WHEN JUSTIFIED) DIRECT BURIAL COPPER WIRE FOR ALL UNDERGROUND WIRING. ALL WIRE RUNS TO BE CONTINUOUS FROM CONTROLLER TO CONTROL VALVE. USE ONLY EPOXY FILLED WATERPROOF WIRE ASSEMBLIES BY SPEARS (OR EQ.) FOR ALL WIRE SPLICES. COLOR COORDINATE WIRE AS INDICATED ON DRAWINGS.
10. OBTAIN APPROVAL FROM THE OWNER'S AGENT OF STAKED LOCATIONS FOR ALL VALVES, MAINLINE, AND THE AUTOMATIC CONTROLLER PRIOR TO INSTALLATION.
11. TEST MAINLINE FROM WATER SOURCE TO ELECTRIC VALVES AND QUICK COUPLERS WITH THE EXISTING WATER PRESSURE FOR A MINIMUM OF 12 HOURS. OBTAIN APPROVAL OF OWNER'S AGENT PRIOR TO BACKFILLING.
12. ALL PVC SLEEVING PASSING UNDER WALKS, DRIVES CONCRETE AND THROUGH FOOTINGS SHALL BE SCHEDULE 40 PVC PIPE MINIMUM TWO SIZES LARGER THE THAN PIPE(S) PASSING THROUGH. PROVIDE A SEPERATE SLEEVE FOR ELECTRICAL WIRING. (1 1/2" SIZE MIN.)
13. EXACT PIPE SIZING AND FOOTAGE REMAIN THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR.
14. USE TEFLON TAPE OR PIPE JOINT COMPOUND ON ALL THREADED JOINTS.
15. ALL DRIP SYSTEM LATERAL PIPING SHALL BE 3/4" CLASS 200. ALL FITTINGS SHALL BE A MINIMUM SCH. 40 PVC.
16. COORDINATE IRRIGATION WORK WITH PLANTING PLANS TO AVOID CONFLICTING LOCATIONS BETWEEN PIPING AND PLANT PITS.
17. WHERE TREES, LIGHT STANDARDS, ETC. ARE AN OBSTRUCTION OF SPRAYS, PIPING AND SPRINKLER HEADS SHALL BE ADJUSTED AND/OR RELOCATED FOR PROPER HEAD TO HEAD COVERAGE.
18. PROVIDE TYPED WATERING SCHEDULE ENCASED IN PLASTIC AND ATTACHED TO INSIDE DOOR OF EACH CONTROLLER.
19. PRIOR TO INITIATING THE 90 DAY MAINTENANCE PERIOD, TEST TO DEMONSTRATE WITH OWNER'S AGENT PRESENT, THAT THE SYSTEM IS FULLY OPERATIONAL. PROVIDE WRITTEN RECOMMENDATION OF SUGGESTED WATER SCHEDULES FOR SEASONAL REQUIREMENTS.
20. PROVIDE A WRITTEN 18 MONTH GUARANTEE FOR ALL SPRINKLER MATERIAL DATED FROM THE START OF THE 90 DAY MAINTENANCE PERIOD. CONTRACTOR SHALL PROVIDE LABOR, MATERIALS AND EQUIPMENT NECESSARY TO RESTORE THE FULL OPERATION OF THE SYSTEM, AND REPLACE PLANT MATERIAL THAT DIED AS A DIRECT RESULT OF THE FAILURE.

REVISIONS

	DESCRIPTION	DATE	BY:
1	CITY'S 1ST COMMENTS	11-21-06	TCB
2	CITY'S 2ND COMMENTS	5-4-07	TCB
3			
4			
5			

SHEET INDEX

GILMORE PARSONS
LAND DESIGN GROUP

2211 N. 7th Street
Phoenix, Az 85006
T 602.266.5622
F 602.266.5707
www.getgilmore.com

LANDSCAPE ARCHITECTURE
LAND PLANNING

WILLIAM GATEWAY MINISTORAGE & MASTER PLAN PHASE 1 & 2
8803 E. PECOR ROAD
MESA, AZ
PREPARED FOR: DREAMCATCHERS PLANNING AND DESIGN

JOB NO. 05070
DRAWN BY. TCB
APPROVED BY. SCP
DATE. 8.18.06

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
34188
STEPHEN C. PARSONS
Registered
ARIZONA, U.S.A.

REVISIONS.
1. CITY'S 1ST COM. 11.21.06
2. CITY'S 2ND COM. 5.4.07
3.
4.

COVER

SHEET
L100
10 OF 13

LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

CONTOUR SERIES

Soft Square Lighting

KAD

METAL HALIDE: 250-400W
HIGH PRESSURE SODIUM: 70-400W
20'TO 35' MOUNTING

FEATURES & SPECIFICATIONS

INTENDED USE – Ideal for parking areas, street lighting, walkways and car lots.

CONSTRUCTION – Rugged, die-cast, soft corner aluminum housing with 0.12" nominal wall thickness. Die-cast door frame has impact-resistant, tempered, glass lens that is fully gasketed with one-piece tubular silicone.

Finish: Standard finish is dark bronze (DDB) polyester powder finish, with other architectural colors available.

OPTICS – Anodized, aluminum reflectors: IES full cutoff distributions R2 (asymmetric), R3 (asymmetric), R4 (forward throw) and R5S (square) are interchangeable. High-performance anodized, segmented aluminum reflectors IES full cutoff distributions SR2 (asymmetric), SR3 (asymmetric) and SR4SC (forward throw, sharp cutoff). High-performance reflectors attach with tool-less fasteners and are rotatable and interchangeable.

ELECTRICAL – Ballast: High pressure sodium: 250W is high reactance, high power factor. Constant wattage autotransformer for 200-400W. Constant wattage autotransformer for 250-400W. Super CWA (pulse start ballast), DOE 2017 compliant, is required for metal halide 250-400W (SCWA option) for US shipments only. CSA, NOM or INTL required for probe start shipments outside of the US. Ballast is 100% factory-tested.

Socket: Mogul base socket for 250M and above, and 70-400S, with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W, 600V.

LISTINGS – UL Listed (standard). CSA Certified (see Options). UL listed for 25°C ambient and wet locations. IP65 rated in accordance with standard IEC 529.

WARRANTY — 1-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

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

Specifications subject to change without notice.

NIGHTTIME FRIENDLY™

Specifications

EPA: 1.2 ft.²

*Weight: 35.9 lbs (16.28 kg)

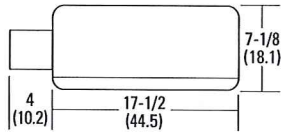
Length: 17-1/2 (44.5)

Width: 17-1/2" (44.5)

Depth: 7-1/8 (18.1)

All dimensions are inches (centimeters) unless otherwise specified.

*Weight as configured in example below.



ORDERINGINFORMATION

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

Example: KAD 400M R3 TB SCWA SPD04 LPI

KAD								
Series	**Wattage**		**Distribution**		**Voltage**	**Ballast**	**Mounting**[9]	
KAD	Metal halide **250M**[1] **400M**[1,2]	High pressure sodium[3] 70S 100S 150S **250S** **400S**	Standard reflectors R2 IES type II asymmetric[4] **R3** IES type III asymmetric[4] **R4** IES type IV forward throw[4] R5S IES type V square	High performance reflectors[5] SR2 IES type II asymmetric[4] SR3 IES type III asymmetric[4] SR4SC IES type IV forward throw	120 208[6] 240[6] **277** **347** **480**[6] **TB**[7] 23050HZ[8]	(blank) Magnetic ballast CWI Contant wattage isolated[8] Pulse Start HID Ballasted System **SCWA** Super CWA pulse-start ballast NOTE: For shipments to U.S. territories, SCWA must be specified to comply with EISA.	Ships in fixture carton **SPD**___ Square pole RPD___ Round pole WBD___ Wall bracket WWD___ Wood or pole wall Ships separately[10,11] DAD12P Degree arm (pole) DAD12WB Degree arm (wall) KMA Mast arm external fitter KTMB Twin mounting bar WBA Decorative wall bracket[12]	Arm length **04** 4" arm 06 6" arm **09** 9" arm 12 12" arm

Options				Finish[17]				Lamp[18]	
Shipped installed in fixture SF Single fuse (120, 277, 347V)[13] DF Double fuse (208, 240, 480V)[13] PD Power tray[14] **PER** NEMA twist-lock receptacle only (no photocontrol) QRS Quartz restrike system[15] QRSTD QRS time delay[15] WTB Terminal wiring block[14]	**CSA** CSA Certified INTL Available MH for probe start shipping outside the U.S. REGC1 California Title 20, effective 1/1/2010 Shipped separately[10] HS House side shield PE1 NEMA twist-lock PE (120, 208, 240V)	PE3 NEMA twist-lock PE (347V) PE4 NEMA twist-lock PE (480V) PE7 NEMA twist-lock PE (277V) SC Shorting cap for PER option VG Vandal guard[16] WG Wire guard[16]	**(blank)** Dark bronze **DWH** White **DBL** Black **DMB** Medium bronze **DNA** Natural aluminum Super Durable Finishes DDBXD Dark bronze DBLXD Black	DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white	**LPI** Lamp included **L/LP** Less lamp

Accessories: Tenon Mounting Slipfitter *(RPDXX required.)*
Order as seperate catalog number. Must be used with pole mounting.

	Number of fixtures					
Tenon O.D.	One	Two@180°	Two@90°	Three@120°	Three@90°	Four@90°
2-3/8"	T20-190	T20-280	T20-290[19]	T20-320[19]	T20-390[19]	T20-490[19]
2-7/8"	T25-190	T25-280	T25-290[19]	T25-320	T25-390[19]	T25-490[19]
4	T35-190	T35-280	T35-290[19]	T35-320	T35-390[19]	T35-490[19]

Notes

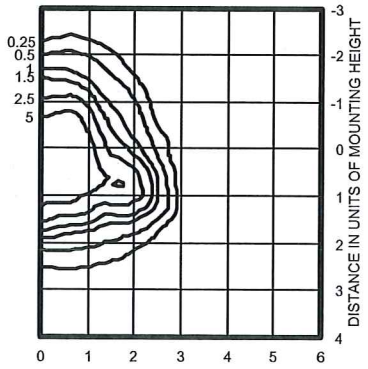
1. These wattages require the REGC1 option to be chosen for shipments into California for Title 20 compliance. 250M REGC1 in not available in 347 or 480V.
2. Reduced jacket ED28 required for SR2, SR3 and SR4SC optics.
3. Not available with SCWA.
4. House-side shield available.
5. High performance reflectors not available with QRSTD.
6. Must specify CWI for use in Canada.
7. Optional multi-tap ballast (120, 208, 240, 277V; in Canada: 120, 277, 347V).
8. Consult factory for available wattages.
9. 9" or 12" arm is required when two or more luminaires are oriented on a 90° drilling pattern.
10. May be ordered as an accessory.
11. Must specify finish when ordered as an accessory.
12. Only available with SPD04 and SPD09. Can be ordered as separate line item.
13. Must specify voltage. N/A with TB.
14. Only available with SR2, SR3 and SR4SC optics.
15. Max allowable wattage lamp included.
16. Prefix with KAD when ordered as an accessory.
17. See www.lithonia.com/archcolors for additional color options.
18. Must be specified. L/LP not available with MHC.
19. Must use RPD09 or RPD12.

KAD Metal Halide, Arm-mounted Soft Square Cutoff

Coefficient of Utilization ———
Initial Footcandles ———

KAD 400M R2 Test no. 1193083101P

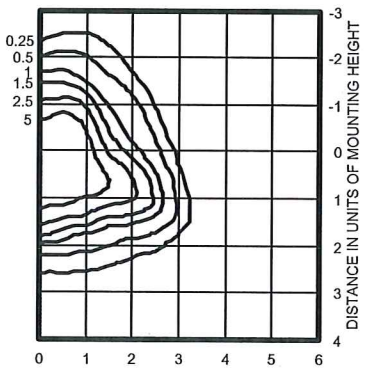
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38000 lumens. Footcandle values based on 20' mounting height.
Classification: Type II, Short, Full Cutoff

KAD 400M R3 Test no. 1192040902P

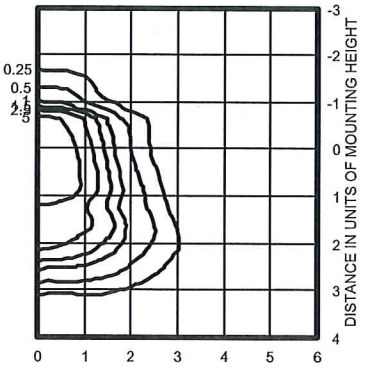
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38,000 lumens. Footcandle values based on 20' mounting height.
Classification: Type II, Short, Full Cutoff

KAD 400M R4 Test no. 1191110101P

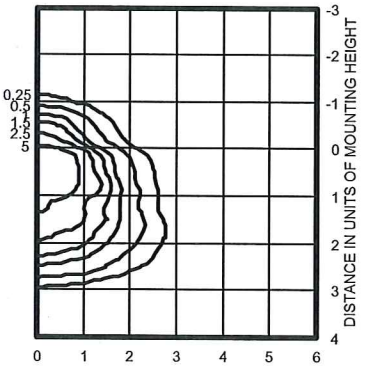
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38,000 lumens. Footcandle values based on 20' mounting height.
Classification: Unclassified (Type III, Very Short), Full Cutoff

KAD 400M R4HS Test no. 1192061101P

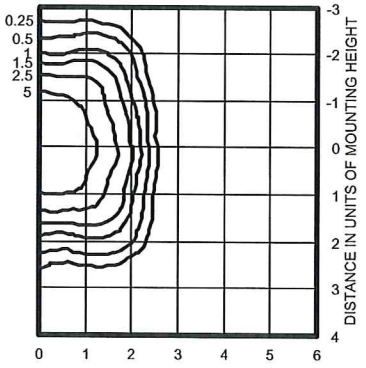
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38,000 lumens. Footcandle values based on 20' mounting height.
Classification: Unclassified (Type III, Very Short), Full

KAD 400M R5S Test no. 1194040801P

ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38000 lumens. Footcandle values based on 20' mounting height.
Classification: Unclassified (Type NC, Very Short), Full Cutoff

Notes

1 Photometric data for other distributions can be accessed at www.lithonia.com.
2 Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications on this sheet are based on the most current available data and are subject to change without notice.
3 For electrical characteristics, consult outdoor technical data specification sheets on www.lithonia.com.

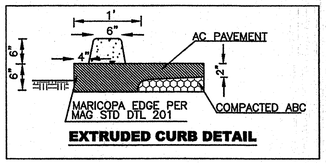
Mounting Height Correction Factor
(Multiply the fc level by the correction factor)
25 ft. = 0.64
35 ft. = 0.32
40 ft. = 0.25

$$\left(\frac{\text{Existing Mounting Height}}{\text{New Mounting Height}}\right)^2 = \text{Correction Factor}$$

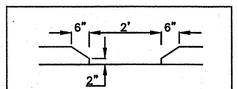
WILLIAMS GATEWAY SELF STORAGE

SCALE 1" = 20'

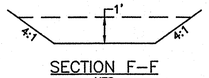
20 15 10 5 0 10 20



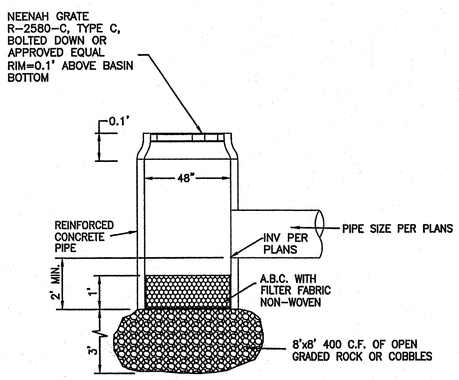
EXTRUDED CURB DETAIL



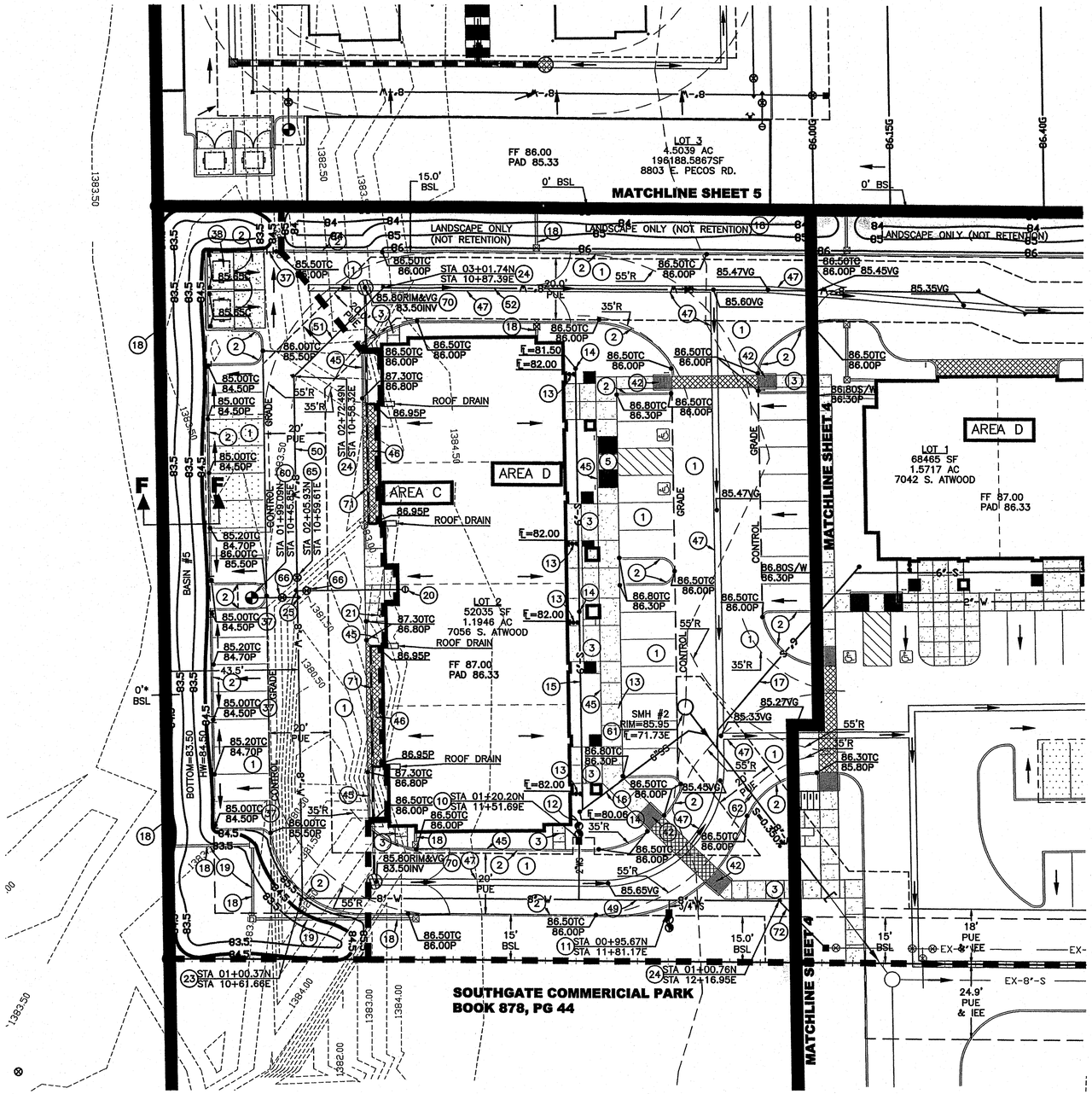
CURB OPENING DETAIL
N.T.S.



SECTION F-F
NTS



BUBBLER DETAIL
N.T.S.



NOTE:

HORIZONTAL CONTROLS FOR PUBLIC UTILITES ARE BASED ON THE FOLLOWING MONUMENT WHICH CAN BE FOUND ON SHEET 5:

CENTER OF SECTION
BRASSCAP IN PAVEMENT
STA.10+00.00N STA.10+00.00E

NOTE:

ALL MATCHLINES FOLLOW PROPERTY LINES.

CONSTRUCTION NOTES

1. INSTALL 2" AC ON 6" ABC.
2. INSTALL 6" EXTRUDED CURB PER DETAIL THIS SHEET.
3. INSTALL SIDEWALK PER MAG STD. DTL. 230 WITH 12" TURNDOWN WHEN AJADCENT TO AC PAVEMENT.
5. INSTALL HANDICAP RAMP PER ARCHITECT PLAN PER SHEET SD02 DETAIL A5.
10. INSTALL 2" DOMESTIC SERVICE (METER BY CITY AFTER PREVAILING FEES ARE PAID) PER C.O.M. STD. DTL. M49.1 & M49.2 WITH WATER METER BOX PER C.O.M. STD. DTL. M-29. INSTALL 2" REDUCED PRESSURE BACKFLOW PREVENTOR ON ALL SERVICES PER C.O.M. M-31.3.
11. INSTALL 3/4" LANDSCAPE SERVICE (METER BY CITY AFTER PREVAILING FEES ARE PAID) PER C.O.M. STD. DTL. M49.1 & M49.2 INSTALL 3/4" REDUCED PRESSURE BACKFLOW PREVENTOR ON ALL SERVICES PER C.O.M. M-31.3.
12. INSTALL 5 L.F. OF 2" WATERLINE TO BUILDING.
13. INSTALL 3 L.F. OF 4" SDR-35 SEWERLINE S=1/4" PER FT. MIN. WITH 2 CLEANOUTS PER MAG 441.
14. INSTALL CLEANOUT PER MAG STD. DTL. 441. (3 TOTAL)
15. INSTALL 146 L.F. OF 6" SDR-35 SEWERLINE S=1/4" PER FT. MIN. PER MAG 440-1 & 440-4.
16. INSTALL 48 L.F. OF 6" SDR-35 SEWERLINE S=1/4" PER FT. MIN. PER MAG 440-1 & 440-4.
17. INSTALL 54 L.F. OF 6" SDR-35 SEWERLINE S=1/4" PER FT. MIN. PER MAG 440-1 & 440-4.
18. INSTALL CMU WALL SEE SHEET SD03 DETAIL E9 & E13 PER ARCHITECT PLAN.
19. INSTALL 8"x16" OPENINGS @ 10' O.C. @ ELEV = 85.00 FOR DRAINAGE IN RETENTION BASIN.
20. INSTALL 35 L.F. OF 6" DIP (CLASS 52) WATERLINE TO BUILDING RISER PER C.O.M. STD. DTL. M31.7, WITH 6" WATER VALVE PER MAG STD. DTL. 391-1C. INSTALL BACKFLOW PREVENTION PER C.O.M. STD. DTL. M-31.6.
21. INSTALL FIRE DEPARTMENT CONNECTION.
23. INSTALL 8"-90° BEND WITH THRUST BLOCK PER MAG STD. DTL. 380. (1 TOTAL)
24. INSTALL 8"-45° BEND WITH THRUST BLOCK PER MAG STD. DTL. 380. (3 TOTAL)
25. INSTALL 8" X 6" X 8" TEE WITH THRUST BLOCK PER MAG STD. DTL. 380. (2 TOTAL)
37. INSTALL 2' CURB OPENING PER DETAIL THIS SHEET.
38. INSTALL DOUBLE TRASH ENCLOSURE PER C.O.M. STD. DTL. M62.1-62.4
42. INSTALL SIDEWALK RAMP PER ARCHITECT PLANS SHEET SD02 DETAIL A5.
45. INSTALL 2" DIA. PVC. PIPE OPENING AT PAVEMENT GRADE TO ALLOW RUNOFF TO PASS THROUGH. (4' O.C.)
46. INSTALL 6" CONCRETE ON 4" ABC WITH 6"X6" WIRE WELD.
47. INSTALL 2' VALLEY GUTTER PER MAG STD. DTL. 240 (MODIFIED TO 2').
49. INSTALL 155 L.F. OF 8" DIP (CLASS 52) WATERLINE.
50. INSTALL 172 L.F. OF 8" DIP (CLASS 52) WATERLINE.
51. INSTALL 41 L.F. OF 8" DIP (CLASS 52) WATERLINE.
52. INSTALL 139 L.F. OF 8" DIP (CLASS 52) WATERLINE.
60. INSTALL FIRE HYDRANT COMPLETE PER MAG STD. DTL. 360. (WATER VALVE TO BE WITHIN 10' OF FIRE HYDRANT)
61. INSTALL 5' SEWER MANHOLE PER MAG STD. DTL. 420 & 424 (30" FRAME AND COVER - NO STEPS TO BE INSTALLED IN MANHOLE). PAVEMENT ADJUSTMENT PER MAG STD. 422.
62. INSTALL 58.7 L.F. OF 8" SDR-35 SEWERLINE. SEE SHEET 7 FOR PROFILE.
65. INSTALL 8" WATER VALVE PER MAG STD. DTL. 391-1C. (1 TOTAL)
66. INSTALL 6" WATER VALVE PER MAG STD. DTL. 391-1C. (2 TOTAL)
70. INSTALL BUBBLER PER DETAIL THIS SHEET.
71. INSTALL 85 L.F. OF 12" CMP FROM ROOF DRAINS TO BUBBLER. (2 TOTAL)
72. INSTALL 8 L.F. OF 8" DIP (CLASS 52) WATERLINE.

BLD 2006-08784
S06-08
DR06-37
PS05-169
Z06-06

CALL TWO WORKING DAYS BEFORE YOU DIG
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

CERTIFIED LAND SURVEYOR
10766
GREGORY L. ALLEN
6-10-07
ARIZONA, U.S.A.

DATE
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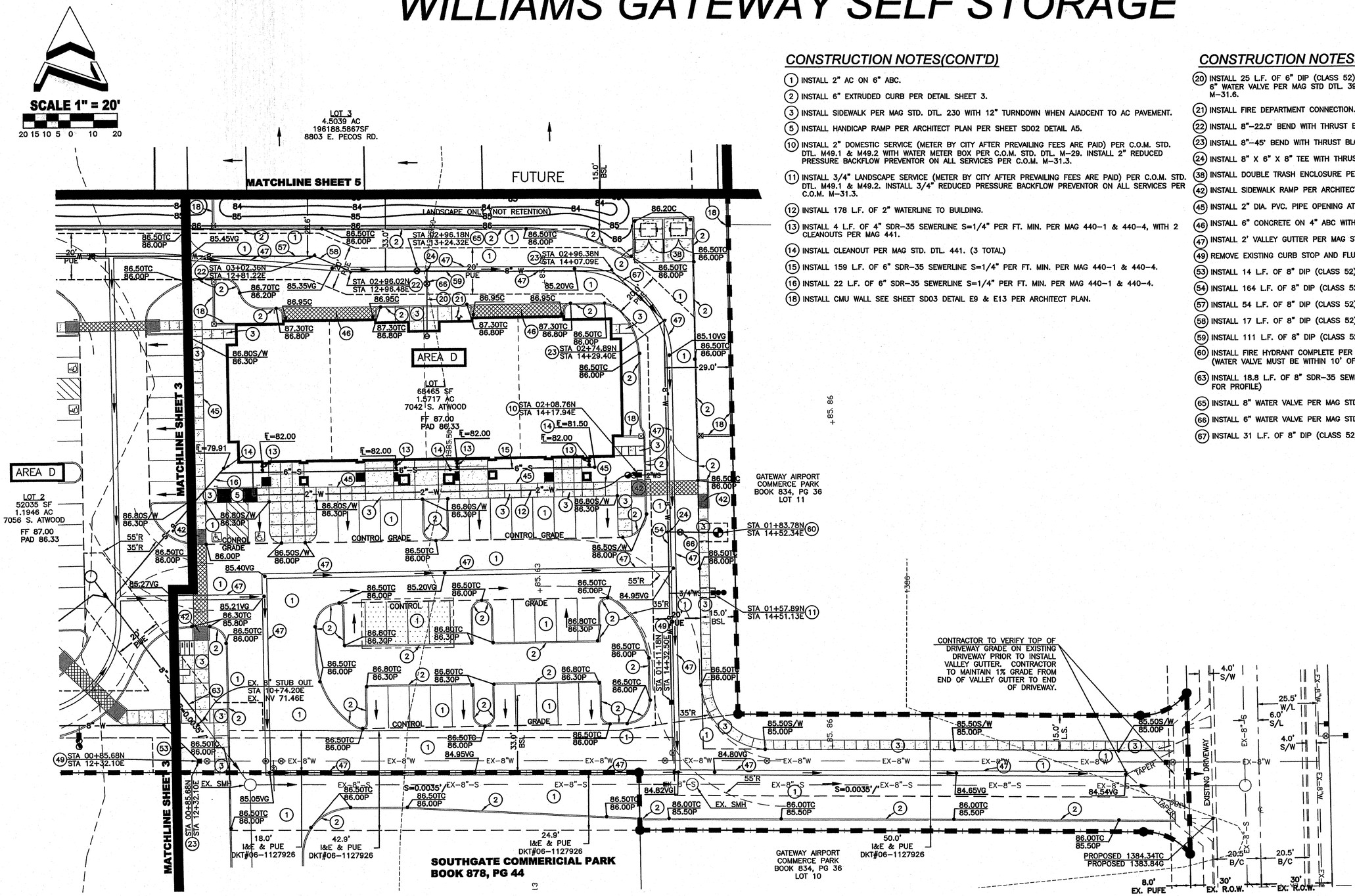
ALLEN CONSULTING ENGINEERS, INC.
2550 N. THUNDERBIRD CIRCLE #132
MESA, ARIZONA 85215
PHONE (480) 844-1666
FAX (480) 830-8453
E-MAIL: ace@allenconsultengr.com

WILLIAMS GATEWAY SELF STORAGE
7042 (LOT 1) & 7056 (LOT 2) S. ATWOOD
8803 (LOT 3) & 8817 (LOT 4) E. PECOS ROAD
GRADING AND DRAINAGE PLAN

JOB NUMBER	93922	SHEET	3	OF	13
DRAWING	G&D3				
DRAFTSMAN		CHECKED BY		DATE	05-03-07

WILLIAMS GATEWAY SELF STORAGE



CONSTRUCTION NOTES(CONT'D)

(1) INSTALL 2" AC ON 6" ABC.

(2) INSTALL 6" EXTRUDED CURB PER DETAIL SHEET 3.

(3) INSTALL SIDEWALK PER MAG STD. DTL. 230 WITH 12" TURNDOWN WHEN AJADCENT TO AC PAVEMENT.

(5) INSTALL HANDICAP RAMP PER ARCHITECT PLAN PER SHEET SD02 DETAIL A5.

(10) INSTALL 2" DOMESTIC SERVICE (METER BY CITY AFTER PREVAILING FEES ARE PAID) PER C.O.M. STD. DTL. M49.1 & M49.2 WITH WATER METER BOX PER C.O.M. STD. DTL. M-29. INSTALL 2" REDUCED PRESSURE BACKFLOW PREVENTOR ON ALL SERVICES PER C.O.M. M-31.3.

(11) INSTALL 3/4" LANDSCAPE SERVICE (METER BY CITY AFTER PREVAILING FEES ARE PAID) PER C.O.M. STD. DTL. M49.1 & M49.2. INSTALL 3/4" REDUCED PRESSURE BACKFLOW PREVENTOR ON ALL SERVICES PER C.O.M. M-31.3.

(12) INSTALL 178 L.F. OF 2" WATERLINE TO BUILDING.

(13) INSTALL 4 L.F. OF 4" SDR-35 SEWERLINE S=1/4" PER FT. MIN. PER MAG 440-1 & 440-4, WITH 2 CLEANOUTS PER MAG 441.

(14) INSTALL CLEANOUT PER MAG STD. DTL. 441. (3 TOTAL)

(15) INSTALL 159 L.F. OF 6" SDR-35 SEWERLINE S=1/4" PER FT. MIN. PER MAG 440-1 & 440-4.

(16) INSTALL 22 L.F. OF 6" SDR-35 SEWERLINE S=1/4" PER FT. MIN. PER MAG 440-1 & 440-4.

(18) INSTALL CMU WALL SEE SHEET SD03 DETAIL E9 & E13 PER ARCHITECT PLAN.

CONSTRUCTION NOTES(CONT'D)

(20) INSTALL 25 L.F. OF 6" DIP (CLASS 52) WATERLINE TO BUILDING RISER PER C.O.M. STD. DTL. M31.7, WITH 6" WATER VALVE PER MAG STD DTL. 391-1C. INSTALL BACKFLOW PREVENTION PER C.O.M. STD. DTL. M-31.6.

(21) INSTALL FIRE DEPARTMENT CONNECTION.

(22) INSTALL 8"-22.5° BEND WITH THRUST BLOCK PER MAG STD. DTL. 380. (2 TOTAL)

(23) INSTALL 8"-45° BEND WITH THRUST BLOCK PER MAG STD. DTL. 380. (3 TOTAL)

(24) INSTALL 8" X 6" X 8" TEE WITH THRUST BLOCK PER MAG STD. DTL. 380. (2 TOTAL)

(38) INSTALL DOUBLE TRASH ENCLOSURE PER C.O.M. STD. DTL. M62.1-62.4

(42) INSTALL SIDEWALK RAMP PER ARCHITECT PLANS SHEET SD02 DETAIL A5.

(45) INSTALL 2" DIA. PVC. PIPE OPENING AT PAVEMENT GRADE TO ALLOW RUNOFF TO PASS THROUGH. (4' O.C.)

(46) INSTALL 6" CONCRETE ON 4" ABC WITH 6"X6" WIRE WELD.

(47) INSTALL 2' VALLEY GUTTER PER MAG STD. DTL. 240 (MODIFIED TO 2').

(49) REMOVE EXISTING CURB STOP AND FLUSHING PIPE AND CONNECT TO EXISITING 8" STUB. (2 TOTAL)

(53) INSTALL 14 L.F. OF 8" DIP (CLASS 52) WATERLINE AND CONNECT TO EXISITING 8" STUB.

(54) INSTALL 164 L.F. OF 8" DIP (CLASS 52) WATERLINE AND CONNECT TO EXISITING 8" STUB.

(57) INSTALL 54 L.F. OF 8" DIP (CLASS 52) WATERLINE.

(58) INSTALL 17 L.F. OF 8" DIP (CLASS 52) WATERLINE.

(59) INSTALL 111 L.F. OF 8" DIP (CLASS 52) WATERLINE.

(60) INSTALL FIRE HYDRANT COMPLETE PER MAG STD. DTL. 360. (WATER VALVE MUST BE WITHIN 10' OF FIRE HYDRANT)

(63) INSTALL 18.8 L.F. OF 8" SDR-35 SEWERLINE AND CONNECT TO EXISTING SEWER PLUG. (SEE SHEET 7 FOR PROFILE)

(65) INSTALL 8" WATER VALVE PER MAG STD. DTL. 391-1C. (4 TOTAL)

(66) INSTALL 6" WATER VALVE PER MAG STD. DTL. 391-1C. (2 TOTAL)

(67) INSTALL 31 L.F. OF 8" DIP (CLASS 52) WATERLINE.

NOTE:

HORIZONTAL CONTROLS FOR PUBLIC UTILITES ARE BASED ON THE FOLLOWING MONUMENT WHICH CAN BE FOUND ON SHEET 5:

CENTER OF SECTION
BRASSCAP IN PAVEMENT
STA.10+00.00N
STA.10+00.00E

NOTE:

ALL MATCHLINES FOLLOW PROPERTY LINES.

CALL TWO WORKING DAYS BEFORE YOU DIG
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(OUTSIDE MARICOPA COUNTY)

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
10766
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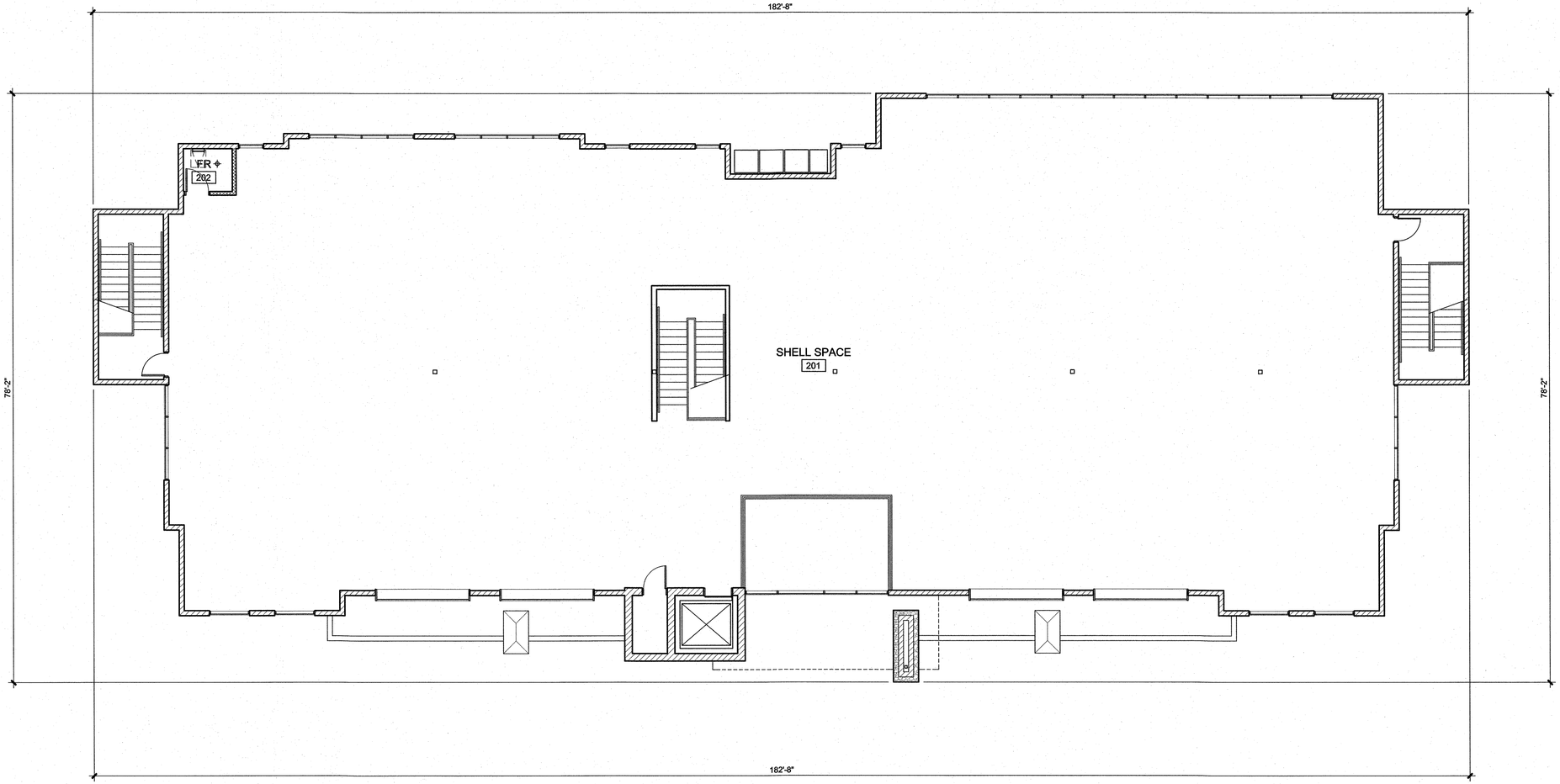
JOB NUMBER	93922	SHEET	4	OF	13
DRAWING	G&D4				
DRAFTSMAN		CHECKED BY		DATE	05-03-07



N

X32 SECOND FLOOR PLAN - BUILDING 7324

1/8" = 1'-0"

Sketch
Architecture Company
2454 East Southern Avenue, Mesa, Arizona 85205 ph.480.668.8015 fax.480.668.8022

GRANITE EXPRESS
BUILDINGS 7330 & 7324
7330 & 7324 SOUTH ATWOOD, MESA, ARIZONA 85202

REGISTERED ARCHITECT
CERTIFICATE NO.
26984
Robert Benjamin Burgheimer
Date Signed
ARIZONA, USA
Expires 03-31-2020

SAC Project Numbers
2016-49A & 2016-49B

SECOND FLOOR PLAN - BUILDING 7324

A103