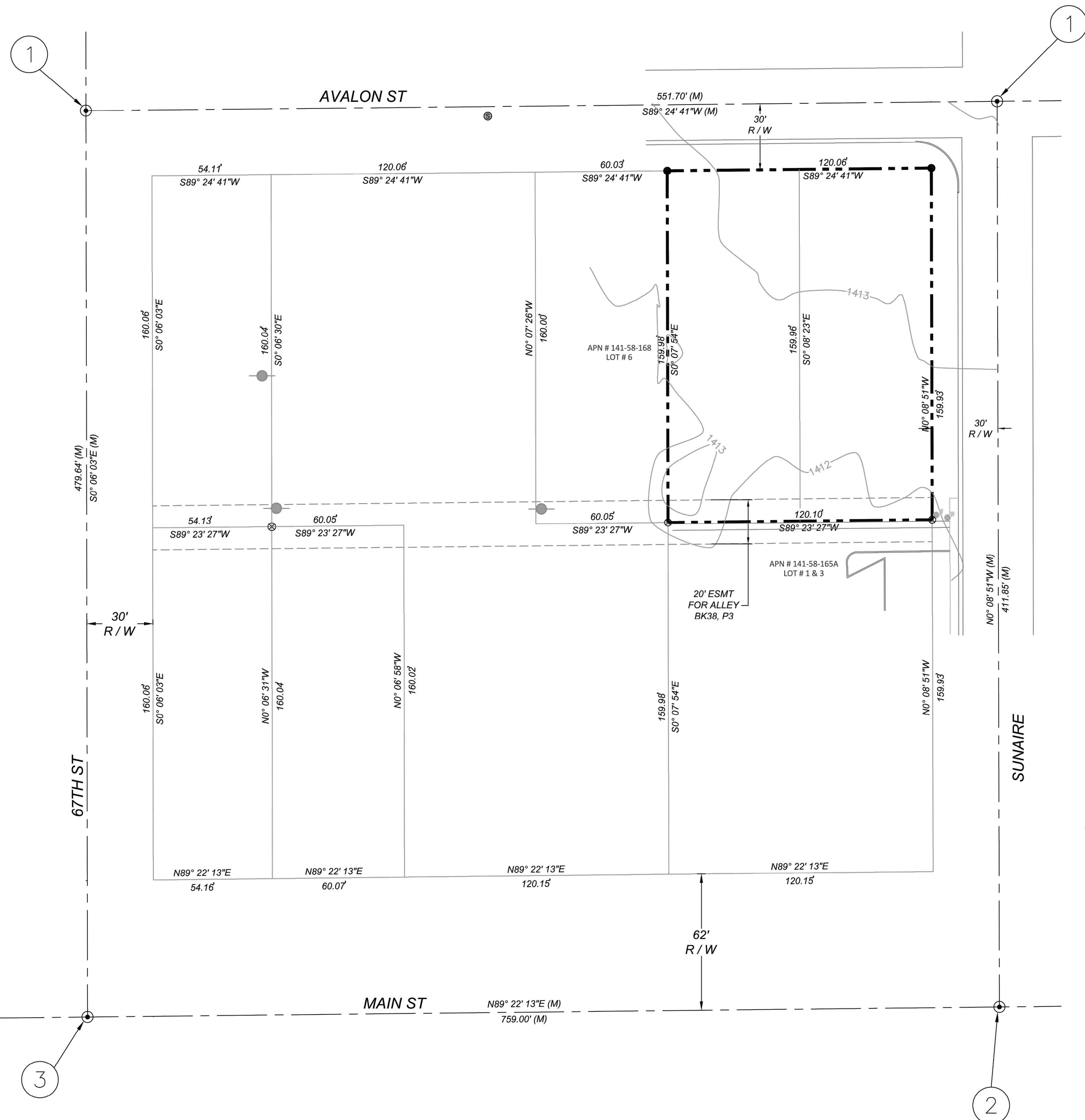
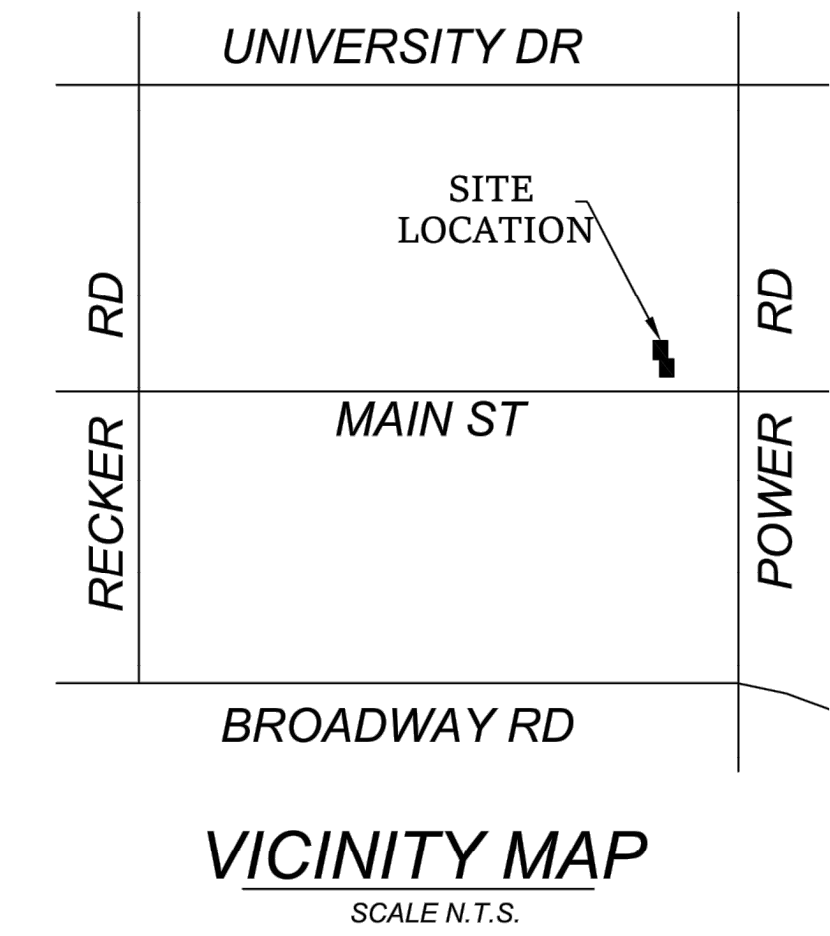


BOUNDARY / TOPOGRAPHIC SURVEY

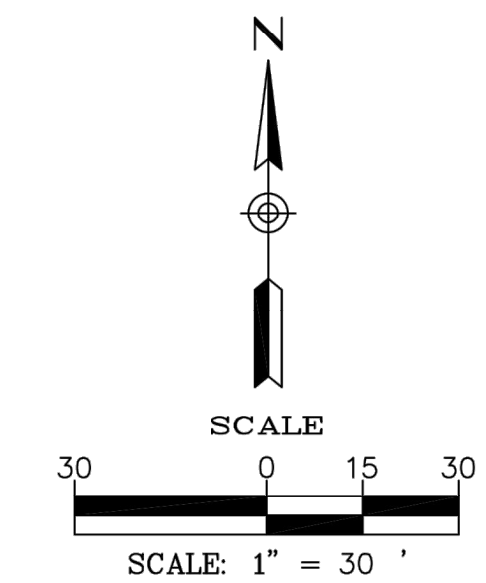
6731 & 6739 E AVALON ST MESA 85205

A PORTION OF THE NORTHEAST QUARTER OF SECTION 24, TOWNSHIP 1 NORTH, RANGE 6 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN. MARICOPA COUNTY, ARIZONA



LEGEND

- ⊙ FOUND MONUMENT AS NOTED
- SET 1/2" REBAR TAG LS 67877
- ⊗ SET PK NAIL W / WASHER LS 67877
- — — — — PROPERTY LINE
- — — — — ADJACENT PROPERTY LINE
- - - - - EASEMENT LINE
- - - - - ROAD CENTERLINE
- R / W RIGHT OF WAY
- A.P.N ASSESSOR PARCEL NUMBER
- BC BRASS CAP
- HH HAND HOLE
- COM CITY OF MESA
- P.U.E. PUBLIC UTILITY EASEMENT
- IP IRON PIPE
- UTILITY POLE
- WATER VALVE



REFERENCE DOCUMENTS

- PLAT PER BOOK 38, PG 3
- PLAT PER BOOK 1703, PG 3
- PLAT PER BOOK 1059, PG 30

CERTIFICATION

I, RAED DALBIK, RLS, HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR IN THE STATE OF ARIZONA; THAT THIS EXHIBIT CONSISTING OF 1 SHEET IS CORRECT AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE BOUNDARY MONUMENTS EXIST AS SHOWN AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED; THAT THE CONTROL POINTS AND PARCEL CORNERS ARE SET AS SHOWN. DATE: 5/9/23 REED DALBIK, RLS NO. 67877

SURVEYOR

J.L.D ENGINEERING PLLC
2822 S BUCKSKIN WAY
CHANDLER AZ 85286
602-790-7958
CONTACT: RAED DALBIK, PE. PS.

BENCHMARK

BRASS CAP AT THE TOP OF SIDEWALK AT THE SOUTHWEST CORNER OF POWER RD AND MAIN ST
COM DATUM (NAVD88) = 1414.41

OWNER OF RECORD

BUCKHORN ELKS LODGE NO 2656
MAILING ADDRESS: 6718 E AVALON
MESA AZ USA 85205

PROPERTY

APN 141-58-166 & 164
ZONING LC
AREA: 19,189 SF
ADDRESS: 6731 & 6739 E AVALON ST MESA 85205

LEGAL DESCRIPTION

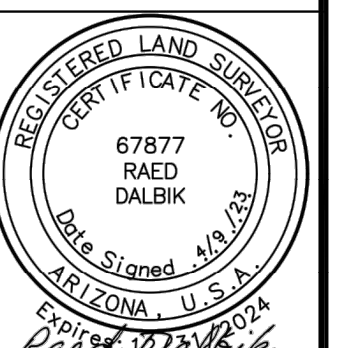
LOT 2 AND LOT 4, BLOCK 17, AMENDED PLAT OF DESERT WELLS, ACCORDING TO BOOK 38 OF MAPS, PAGE 3, RECORDS OF MARICOPA COUNTY, ARIZONA.

MONUMENTS TABLE

1	FND MARICOPA COUNTY BC FLUSH
2	FND BC IN HH
3	FND IP IN HH

DESIGN BY:	PROJECT MANAGER:
DRAWN BY:	DATE:
CHECKED BY:	REVISION:

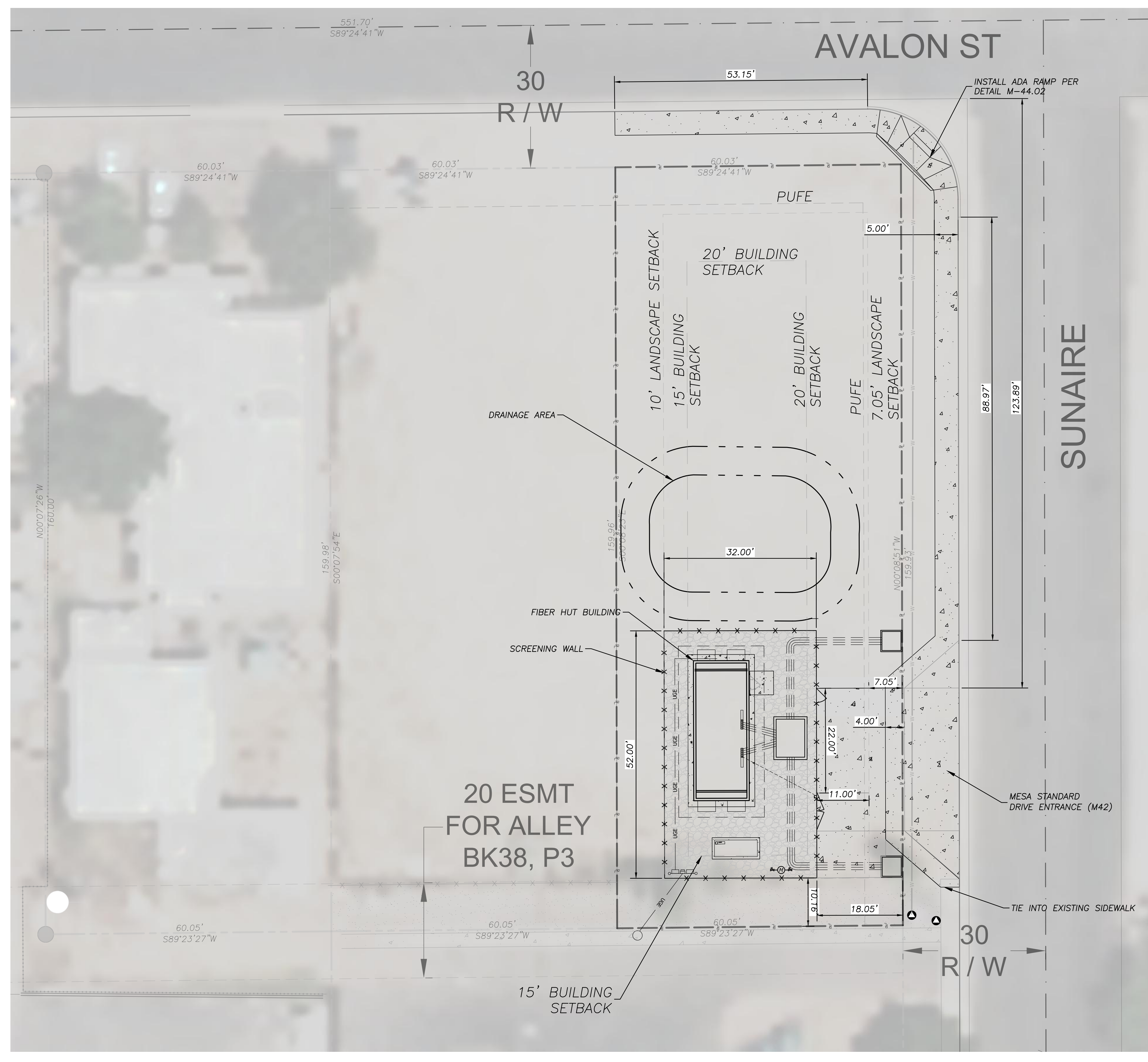
J.L.D. ENGINEERING
2822 SOUTH BUCKSKIN WAY
CHANDLER, AZ 85286
(602) 790-7958



BOUNDARY / TOPOGRAPHIC SURVEY
A PORTION OF THE NORTHEAST QUARTER OF SECTION 24, TOWNSHIP 1 NORTH, RANGE 6 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN. MARICOPA COUNTY, ARIZONA

SCALE:	1" = 30'
SECTION:	24
TOWNSHIP:	1N
RANGE:	6E
JOB NO.:	23-32
SHEET:	1 OF 1

Jun 28, 2023 4:25pm Plotted By: ben.mullinnix T:\032030\2.01 GF PHX HUT 115\DWG\Eng\Sheet\115-12 6739 E AVALON\PHX HUT 115-PRE-SUBMITTAL.dwg Layout: OVERALL SITE PLAN



SITE DATA

SITE	
SITE AREA:	0.22 AC 9,602.9 SF
BUILDING	
BUILDING AREA:	360 SF (3.7%)
PARKING	
PARKING PROVIDED:	1 STANDARD

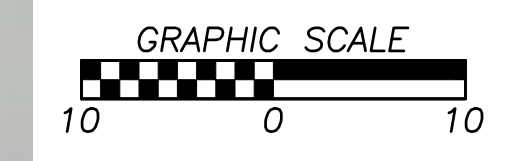
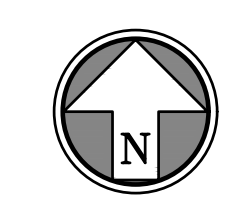
ZONING
LC (LIMITED COMMERCIAL)

VARIANCE REQUESTS

	Code	Request	Deviation
Setback Deviations (feet)			
East Property Line	20	18.05	1.95
West Interior Property Line	15	10	5.00
North Property Line	20	20.00	0.00
South Property Line	15	10.16	4.84
Landscape Setbacks (feet)			
East Landscape Setback	15	7.05	7.95
West Landscape Setback	15	10	5
North Landscape Setback	15	10.00	5.00
South Landscape Setback	15	10	5
Parking Design			
Parking Spaces	4	1	3
Throat Length (feet)	50	7.05	42.95
Parking Location	Behind building	In front of building	
Bicycle Parking	1	0	1.00
Landscape			
Yard Coverage Percentage	50%	27%	23%
West Property Line (LF)	160		
3 non-deciduous trees / 100LF	4.8	3	1.80
50% of trees at min 24" box size	2.4	3	
20 shrubs / 100 LF	32	14	18
50% of yard coverage (SF)*	800	175.84	624.16
*Variance requested 10' wide yard given small lot *No plant zone requested due to existing conditions and utilities			
Retention Basin			
planted on all areas		Y	Y
Ground Treatment			
decomposed granite (or equal) on all planting areas not dedicated to trees/shrubs		Y	Y

LEGEND

— r — 6739 E AVALON PROPERTY LINE
 - - - - - ADJACENT LOT LINE



Rev.	Date	Description	By	App.

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Prepared For:
GOOGLE FIBER INC.

**GOOGLE FIBER HUT PHX 115
6739 E AVALON ST
MESA, AZ 85205**

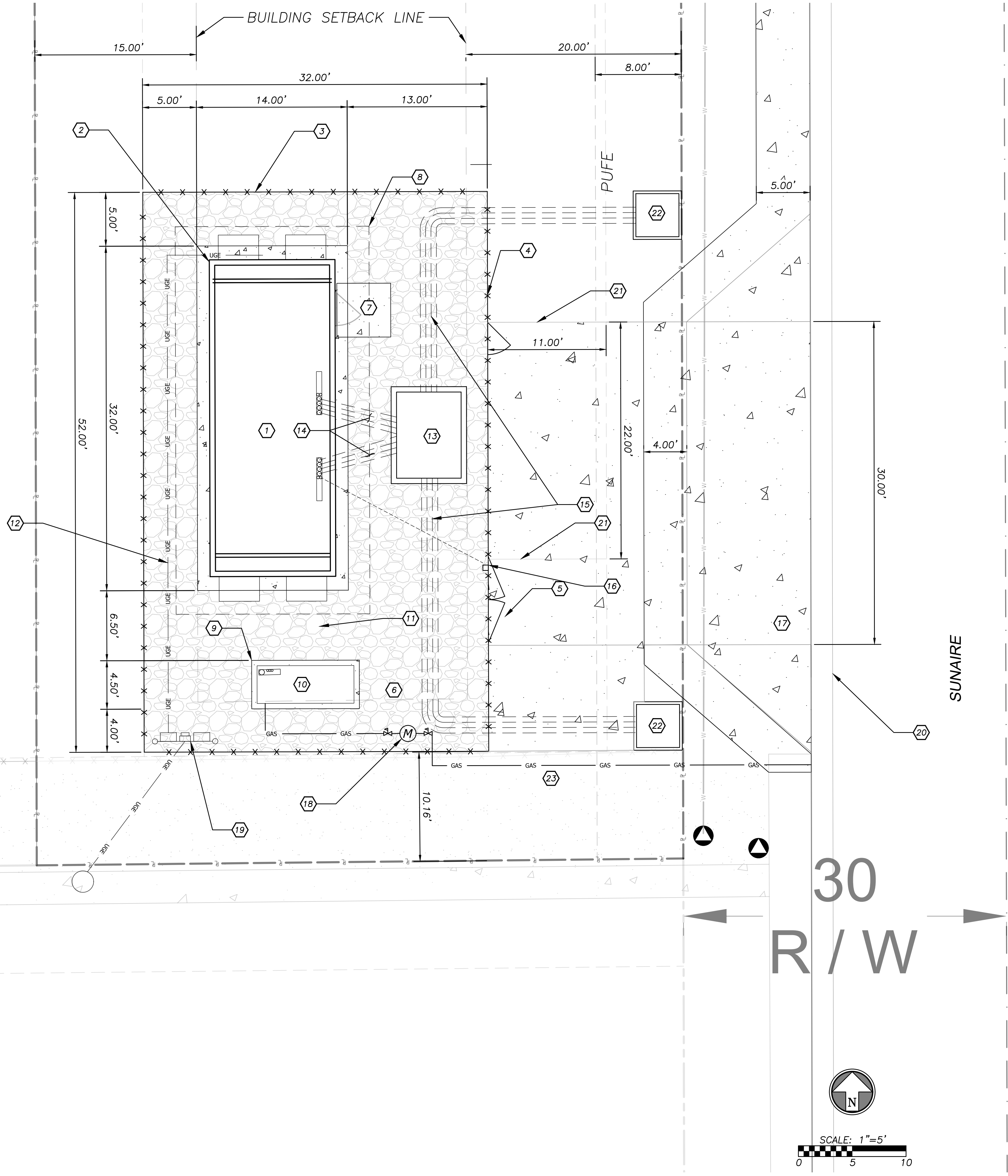
**BOARD OF ADJUSTMENT SUP
SITE IMPROVEMENT PLANS
OVERALL SITE PLAN**

Design: RSV Drawn: TBW
 Checked: RSV
 Issue Date: 06/28/2023
 Project No.: 032030.74.01

4 of 12
C1.0

Jun 28, 2023 4:25pm Plotted By: benn.mullinnix T:\032030.72.01 GF PHX HUT 115 (DWG) (Eng) Sheet\115-12 6739 E AVALON PHX HUT 115-SHFS-SITE-PLAN.dwg Layout SITE PLAN

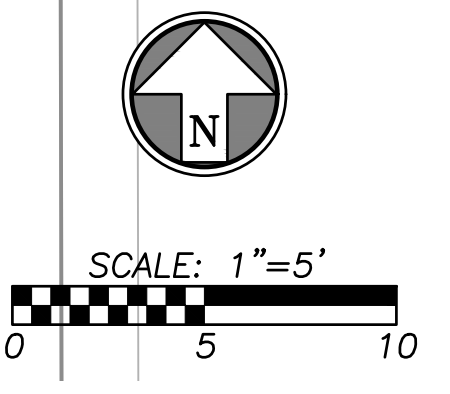
ESMT R ALLEY <38, P3



CONSTRUCTION KEYNOTE DESCRIPTIONS:

- 1 11'-10" X 29'-7" PRE-MANUFACTURED FIBER HUT TO BE SET BY CONTRACTOR. REFER TO BUILDING MANUFACTURER PLANS.
- 2 CONSTRUCT 14' X 32' SLAB ON GRADE. REFER TO DETAIL 008 (D1.1).
- 3 INSTALL 8' PRE-MANUFACTURED SECURITY WALL
- 4 INSTALL 3' WIDE MAN GATE AND GATE POSTS. REFER TO DETAIL 003 (D1.0)
- 5 INSTALL 8' WIDE DOUBLE SWING GATE AND GATE POSTS. REFER TO DETAIL 004 (D1.0)
- 6 EXCAVATE EXISTING MATERIAL, RECOMPACT SUBGRADE AND INSTALL 6" AGGREGATE WITH GEOTEXTILE FABRIC ON COMPACTED SUBGRADE WITHIN FENCED AREA. REFER TO DETAIL 005 (D1.0).
- 7 CONSTRUCT 4'X5' CONCRETE LANDING AT GRADE. REFER TO DETAIL 007 (D1.1)
- 8 INSTALL GROUNDING GRID REFER TO DETAIL 011 (D1.2) FOR INSTALLATION INFORMATION.
- 9 INSTALL 4'-6"X 10'-0" CONCRETE GENERATOR PAD. REFER TO DETAIL 009 (D1.1).
- 10 SET BACKUP GENERATOR INSTALL PER MANUFACTURERS SPECIFICATIONS.
- 11 INSTALL 4 GENERATOR CONDUITS (1)-4" CONDUIT TO DISCONNECT, (1)-3/4" CONDUIT FOR GENERATOR SECURITY, (1)-1" CONDUIT FOR GENERATOR START CIRCUIT AND ACCESSORIES, (1)-3/4" CONDUIT FOR GENERATOR CONTROLS. CONDUITS TURN UPWARD AT SLAB, PROVIDE CONDUIT LB AND CONNECT TO CONDUITS THAT EXTEND FROM HUT.
- 12 INSTALL (1) - 4" PVC CONDUIT (TYP) WITH 3 #500KCMIL, 1 #1/0 AWG GROUND. PER BUILDING PLANS. CONDUITS TURN UPWARD AT SLAB, PROVIDE CONDUIT LB AND CONNECT TO CONDUITS THAT EXTEND FROM HUT.
- 13 INSTALL 6'x8'x4.75' OLDCASTLE 1119325-01 BELOW GRADE ON SITE UTILITY VAULT WITH LID.
- 14 INSTALL (8) - 4" PVC CONDUIT (TYP) BETWEEN ON SITE VAULT AND CONCRETE SLAB. CONDUITS TO BE INSTALLED THROUGH OPENING IN FLOOR OF HUT. REFER TO DETAIL 007 AND 008 (D1.1)
- 15 INSTALL 4 - 4" PVC CONDUIT FROM ON SITE VAULT TO EACH MEET-ME VAULT LOCATED IN ROW OF N SUNAIRE (8 TOTAL CONDUIT) INSTALL PER DETAIL 008 (D1.1).
- 16 INSTALL GATE SECURITY DEVICE AND (1) - 2" PVC UNDERGROUND CONDUIT FOR SECURITY SYSTEM FROM FENCE TO BUILDING SLAB. CONDUIT TO BE INSTALLED THROUGH OPENING IN FLOOR OF HUT. FOR ADDITIONAL SECURITY INSTALLATION ITEMS REFER TO GOOGLE FIBER HUT SECURITY DESIGN DETAILS (D1.3).
- 17 CONSTRUCT 30' WIDE DRIVE WITH ATTACHED SIDEWALK. REFER TO MESA STANDARD DETAIL M42
- 18 GAS METER AND SERVICE LINE LOCATION AND DESIGN TO BE COORDINATED WITH LOCAL UTILITY
- 19 ELECTRIC SERVICE LINE LOCATION AND DESIGN TO BE COORDINATED WITH LOCAL UTILITY
- 20 EXISTING ROLL OVER CURB TO BE MAINTAINED FOR DRIVE ENTRANCE.
- 21 STRIPE 11'X22' PARALLEL PARKING SPACE FOR USE BY MAINTENANCE WORKER
- 22 INSTALL OLD CASTLE TRAFFIC RATED VAULT WITH LID
- 23 TIE INTO EXISTING ALLEY CONCRETE SLAB

- ✕ ✕ PROPOSED SECURITY WALL
- — PROPOSED FIBER OPTIC CABLE
- GAS — PROPOSED GAS SERVICE LINE
- UGE — PROPOSED ELECTRIC SERVICE LINE
- - - PROPOSED GROUNDING
- R - - PROPERTY LINE
- ▨ PROPOSED GRAVEL SURFACE
- ▩ PROPOSED CONCRETE SURFACE
- ▧ EXISTING ALLEY CONCRETE SURFACE

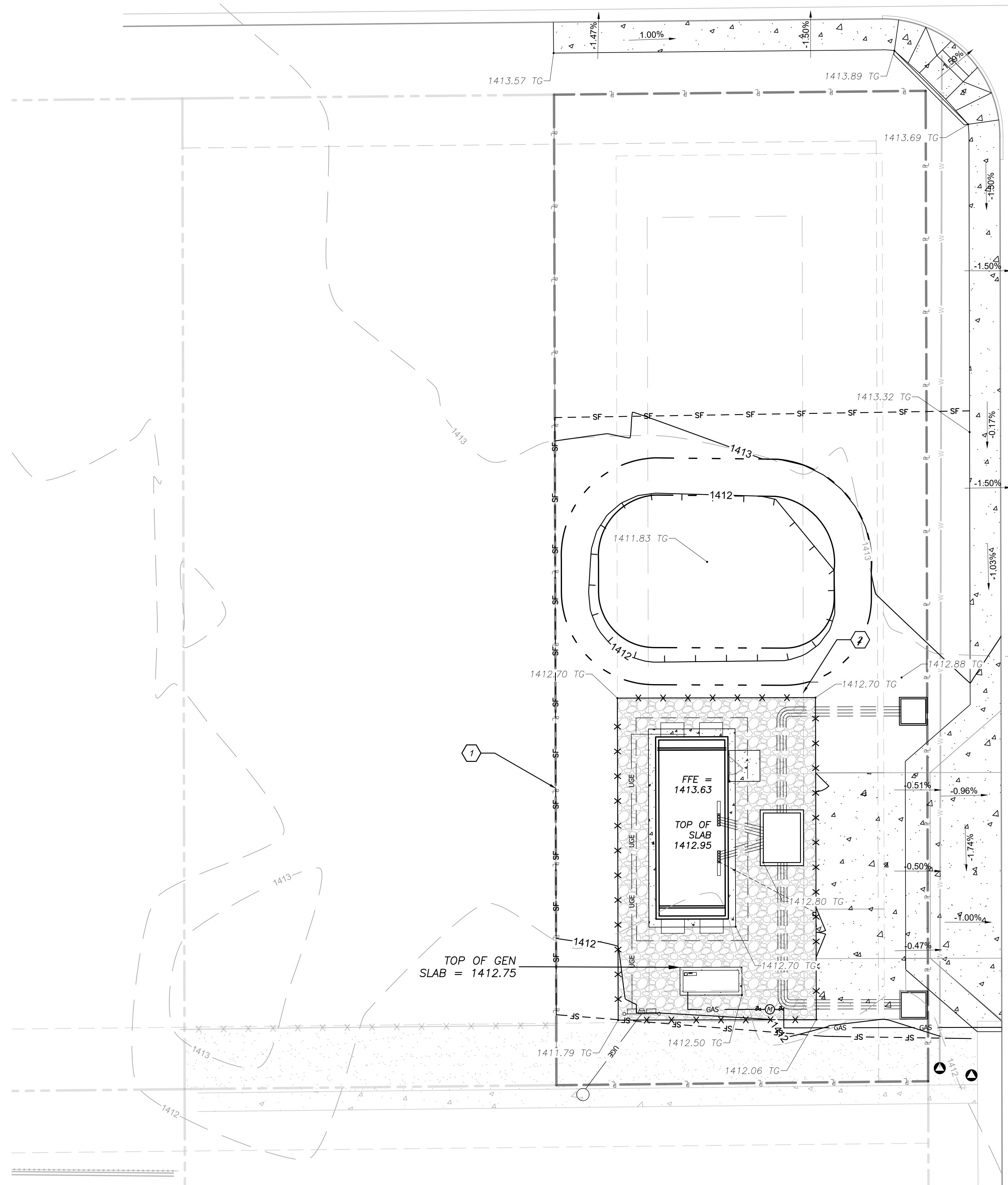


	App.
	By
	Description
	Date
	Rev.
NOT FOR CONSTRUCTION	
 <small> CIVIL ENGINEERING & SURVEYING SERVICES 10101 Central Expressway, Suite 400 Overland Park, Kansas 66210 P: 913.663.1800 E: info@ehcinc.com Website: www.ehcinc.com </small>	
Prepared For: GOOGLE FIBER INC.	
GOOGLE FIBER HUT PHX 115 6739 E AVALON ST MESA, AZ 85205 BOARD OF ADJUSTMENT SUP SITE IMPROVEMENT PLANS SITE PLAN	
Design: RSV Drawn: TBW Checked: RSV Issue Date: 06/28/2023 Project No.: 032030.72.01	
5 of 12	
C1.1	

Jun 28, 2023 - 4:25pm Plotted By: ben.mullinnix T:\032030.72.01 GF PHX HUT 115\DWG\Eng\Sheet\115-12 6739 E AVALON\PHX 115-SITS-GRADING-PLAN.dwg Layout: GRADING PLAN

AVALON ST

SUNAIRE



RATIONAL METHOD RETENTION CALCS

SURFACE	Area (acres)	"C" Value	Volume acre feet	Volume cubic feet
Pavement & Rooftops	0.011	0.95	0.0020	85.86
Desert Landscaping	0.169	0.5	0.0155	675.94
Gravel Compound Landscaping	0.027	0.5	0.0025	107.34
Drive Entrance	0.013	0.95	0.0023	98.40
	0.220			967.55

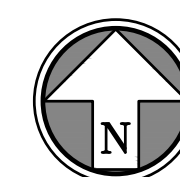
VOLUME = C*(P/12)*AREA WHERE P = 2.2 INCHES OF RAINFALL.

GRADING AND EROSION CONTROL KEYNOTES

- 1 INSTALL APPROX. 230 LF OF SILT FENCE ALONG EXISTING BACK OF CURB. REFER TO SILT FENCE DETAIL 004 ON SHEET D1.0.
- 2 GRADE AT A MAX OF 3:1 SLOPE TO MATCH EXISTING.
- 2 GRADE AT A MAX OF 6:1 SLOPE TO CREATE DRAINAGE AREA

LEGEND

- XXX.XX TG TOP OF GRADE
- XXX.XX TC TOP OF CURB
- XXX.XX ME MATCH EXISTING
- - - SF SILT FENCE
- 100 FINISH GRADE 5' CONTOURS
- 101 FINISH GRADE 1' CONTOURS
- 100 EXISTING GRADE 5' CONTOURS
- 101 EXISTING GRADE 1' CONTOURS
- SLOPE ARROW SLOPE ARROW
- PROPOSED GRAVEL SURFACE PROPOSED GRAVEL SURFACE
- PROPOSED CONCRETE SURFACE PROPOSED CONCRETE SURFACE



SCALE: 1"=5'
0 5 10

Rev.	Date	Description	By	App.

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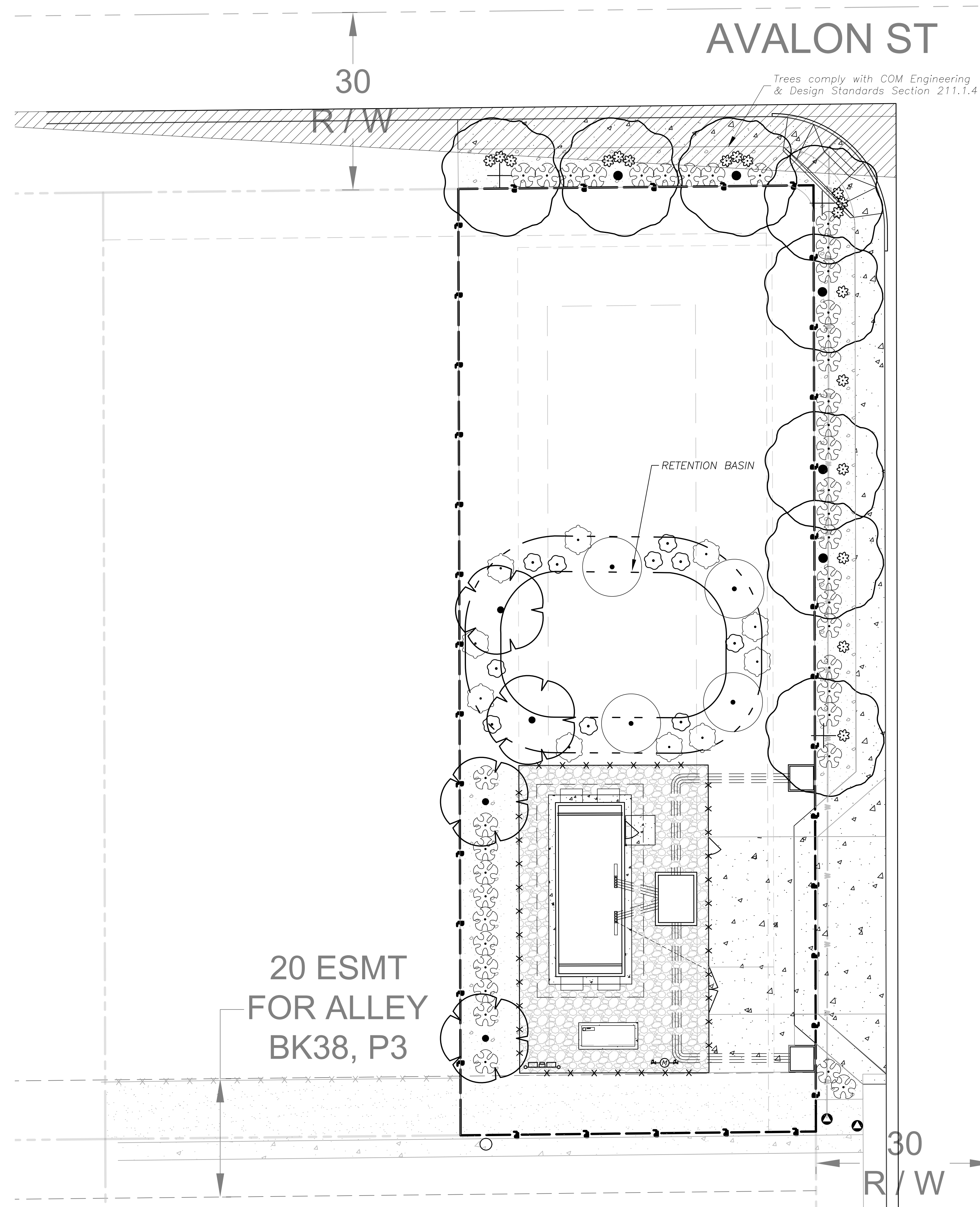
Prepared For: GOOGLE FIBER INC.

**GOOGLE FIBER HUT PHX 115
6739 E AVALON ST
MESA, AZ 85205
BOARD OF ADJUSTMENT SUP
SITE IMPROVEMENT PLANS
GRADING PLAN**

Design: RSV Drawn: TBW
Checked: RSV
Issue Date: 06/28/2023
Project No.: 032030.72.01

6 of 12
C2.0

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PLANT SCHEDULE

EVERGREEN TREES	QTY	BOTANICAL / COMMON NAME	CONT
	5	Acacia pendula / Weeping Myall	24"box
	3	Acacia pendula / Weeping Myall	36"box
	4	Cordia boissieri / Anacahuita	24"box
SHRUBS	QTY	BOTANICAL / COMMON NAME	SPEC
	4	Acacia redolens 'Low Boy' / Low Boy Bank Catclaw	5 gal
	18	Chrysactinia mexicana / Damianita	1 gal
	41	Dalea frutescens / Black Dalea	5 gal
	10	Helianthus maximiliani 'Lemon Yellow' / Lemon Yellow Maximilian Sunflower	1 gal
	10	Leucophyllum langmaniae 'Lynn's Legacy' / Lynn's Legacy Langman's Sage	5 gal

MULCH SCHEDULE

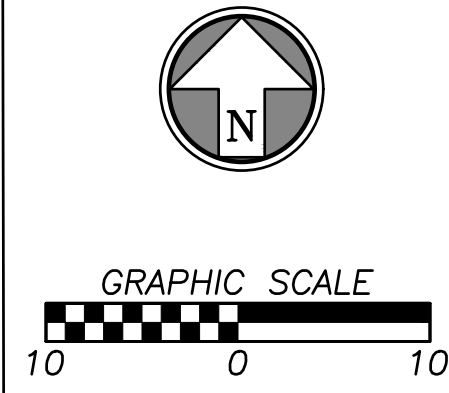
DECOMPOSED GRANITE 1,690 sf
 Fine to 1/4" particle size. 3" depth. Tan color or equivalent.

SITE DATA

	Quantity	Required	Provided
Street Landscape			
Avalon Street (LF)	72		
1 tree / 25LF		2.88	3
25% of trees at min 36" box size		0.72	1
50% of trees at min 24" box size		1.44	2
6 shrubs / 25LF		17.28	18
50% of shrubs min 5 gal size		8.64	9
Sunaire (LF)	121.39		
1 tree / 25LF		4.86	5
25% of trees at min 36" box size		1.21	2
50% of trees at min 24" box size		2.43	5
6 shrubs / 25LF		29.13	30
50% of shrubs min 5 gal size		14.57	21
Yard Landscape			
Yard width		15' wide	10' wide
West Property Line (LF)	160		52.5
3 non-deciduous trees / 100LF		4.8	3
50% of trees at min 24" box size		2.4	3
20 shrubs / 100 LF		32	14
50% of yard planted (SF)*		1200	175.84
			26.7% planted
		given small lot	
South Property Line		*Unable to plant due to existing conditions and utilities	
Retention Basin			
planted on all areas		Y	Y
Ground Treatment			
decomposed granite (or equal) on all planting areas not dedicated to trees/shrubs		Y	Y

GENERAL LANDSCAPE NOTES

- The Contractor shall verify and coordinate all final grades with the Landscape Architect and or design team prior to completion.
- Location of all utilities are approximate, the Contractor shall field verify locations prior to commencement of construction operations.
- Refer to Civil Drawings for all grading and berming, erosion control, storm drainage, utilities and site layout.
- Plant quantities are for information only, drawing shall prevail if conflict occurs. Contractor is responsible for calculating own quantities and bid accordingly.
- Tree locations in areas adjacent to drives, walks, walls and light fixtures may be field adjusted as approved by Landscape Architect.
- The Contractor shall report subsurface soil or drainage problems to the Landscape Architect.
- The plan is subject to changes based on plant size and material availability. All changes or substitutions must be approved by the City of Mesa, Arizona and the Landscape Architect.
- Landscape Contractor shall be responsible for watering all plant material until the time that a permanent water source is ready.
- The Contractor shall show proof of procurement, sources, quantities, and varieties for all shrubs, perennials, ornamental grasses, and annuals within 21 days following the award of the contract.
- Contractor shall provide full maintenance for newly landscaped areas for a period of 30 days after the date of final acceptance. At the end of the maintenance period, a healthy, well-rooted, even-colored, viable turf and landscaped area must be established. The landscaped areas shall be free of weeds, open joints, bare areas, and surface irregularities.



Rev.	Date	By	App.	Description

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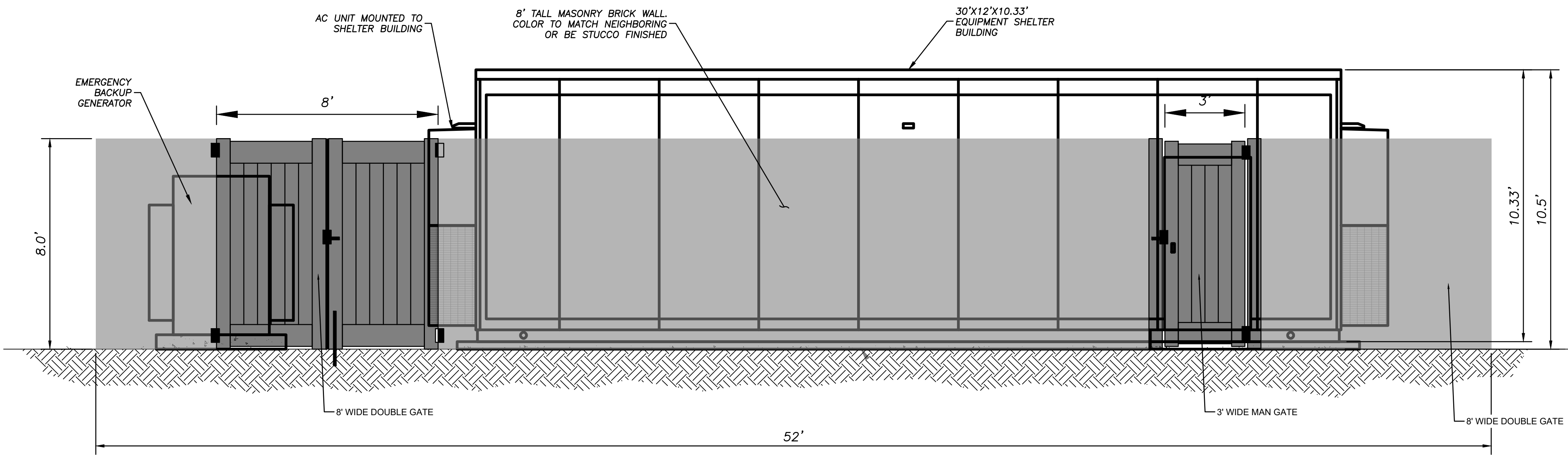
Prepared For: **GOOGLE FIBER INC.**

**GOOGLE FIBER HUT PHX 115
 6739 E AVALON ST
 MESA, AZ 85205
 BOARD OF ADJUSTMENT SUP
 SITE IMPROVEMENT PLANS
 LANDSCAPE PLAN**

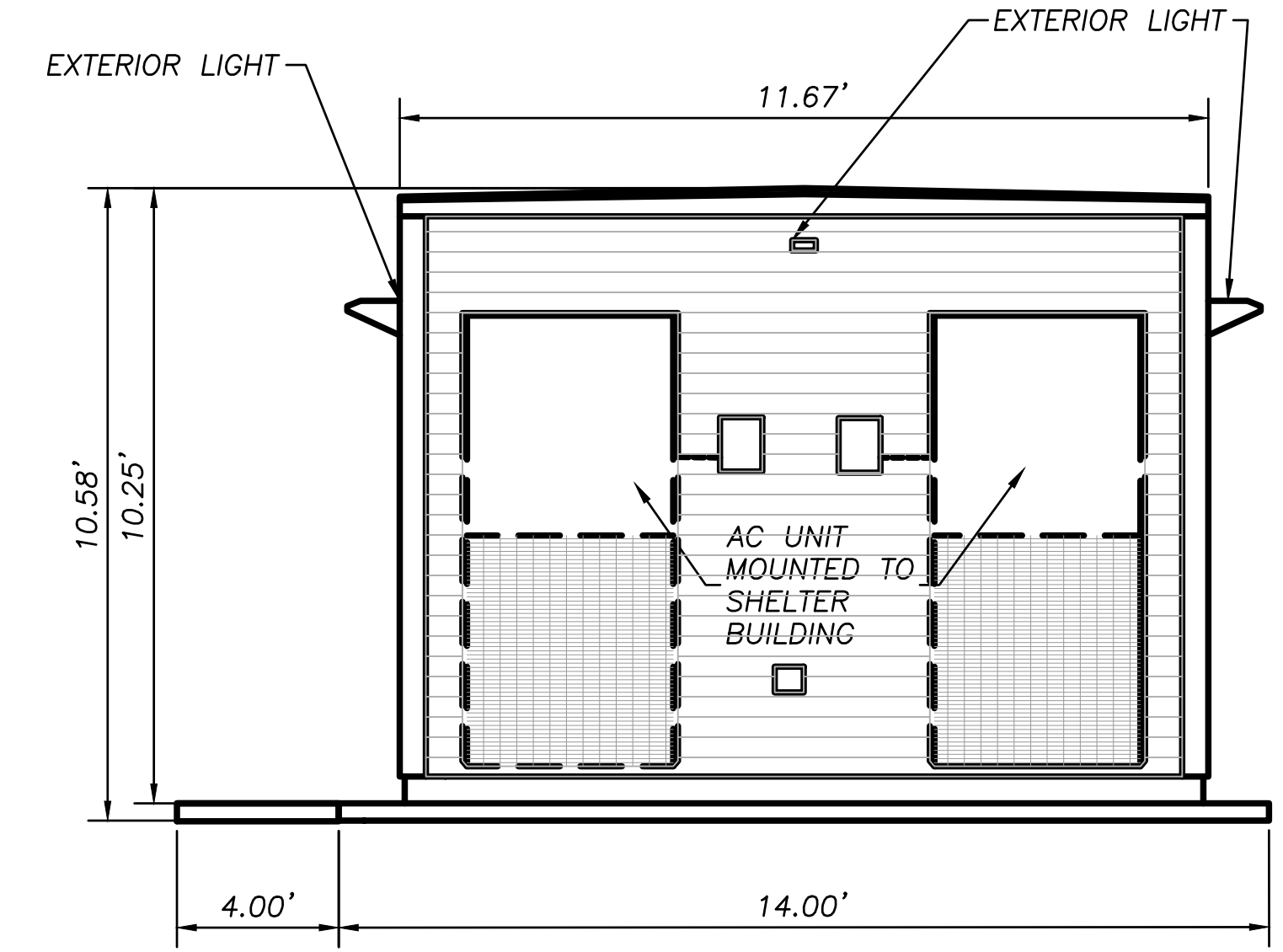
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 Issue Date: 06/28/2023
 Project No.: 032030.72.01

7 of 12
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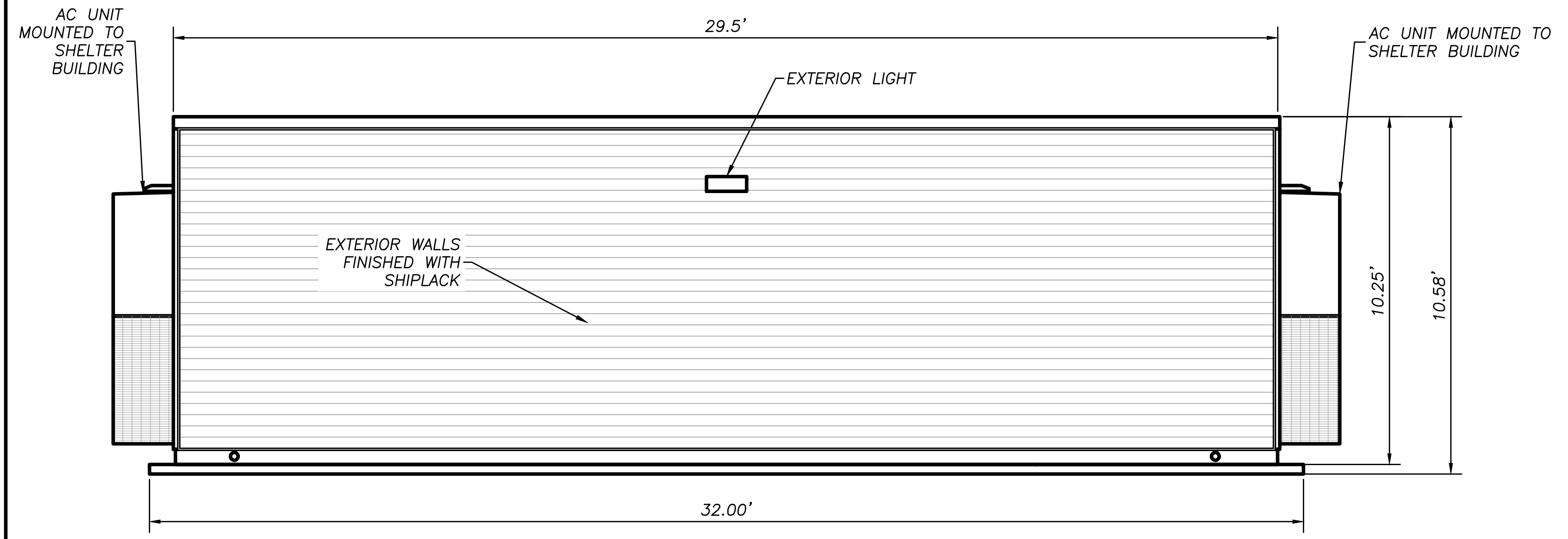
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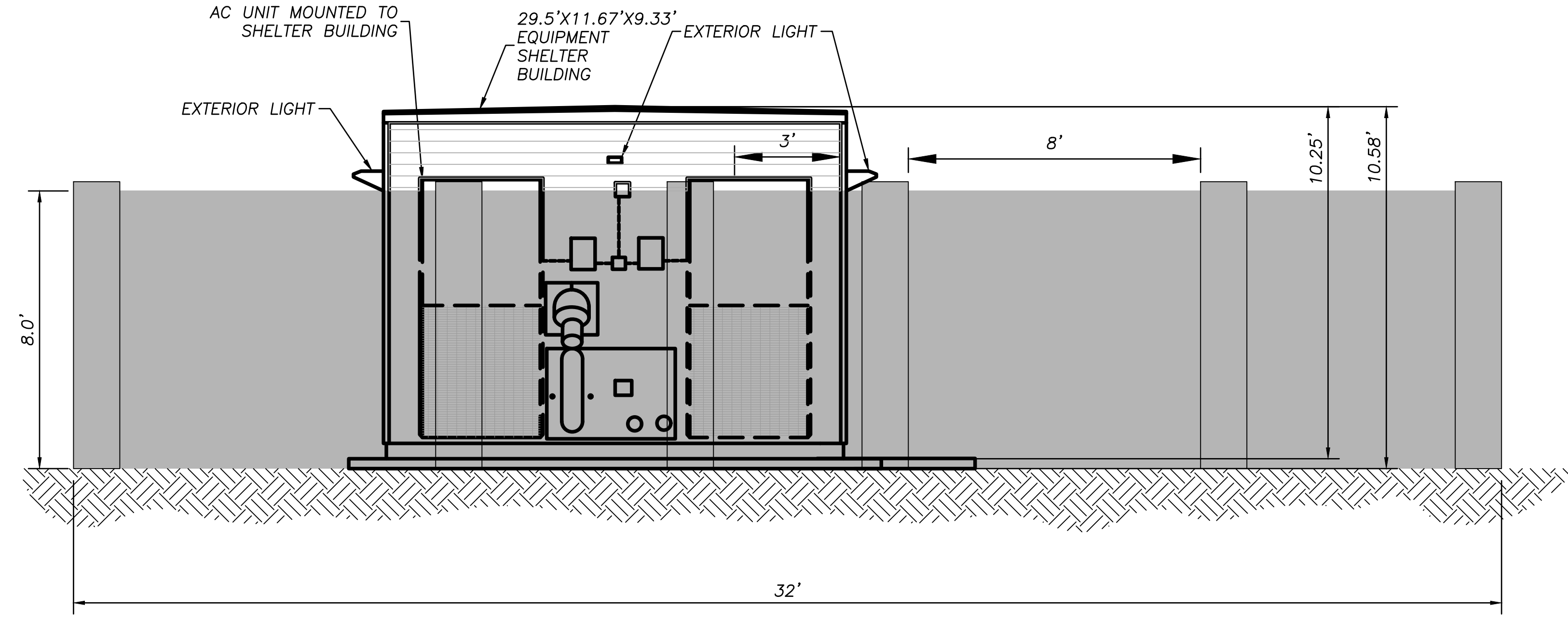
EAST ELEVATION



NORTH ELEVATION



WEST ELEVATION



SOUTH ELEVATION



IMAGE OF EQUIPMENT SHELTER BUILDING

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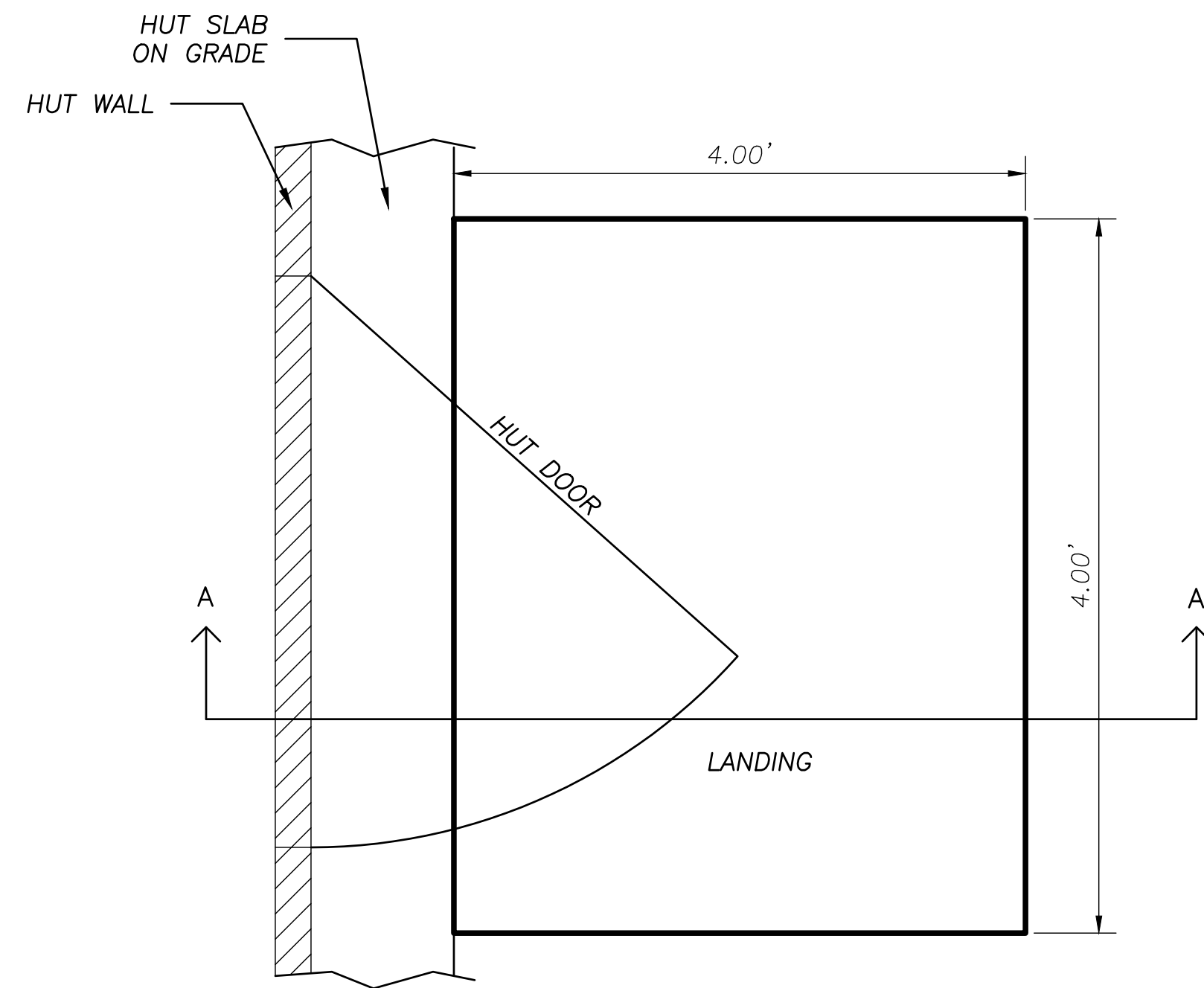
EHC
 CIVIL ENGINEERING / ARCHITECTURAL SERVICES
 101 Colton Blvd, Suite 400
 Overland Park, Kansas 66210
 p. 913.663.1800
 EHC is a subsidiary of Bergquist International Company, P.A.

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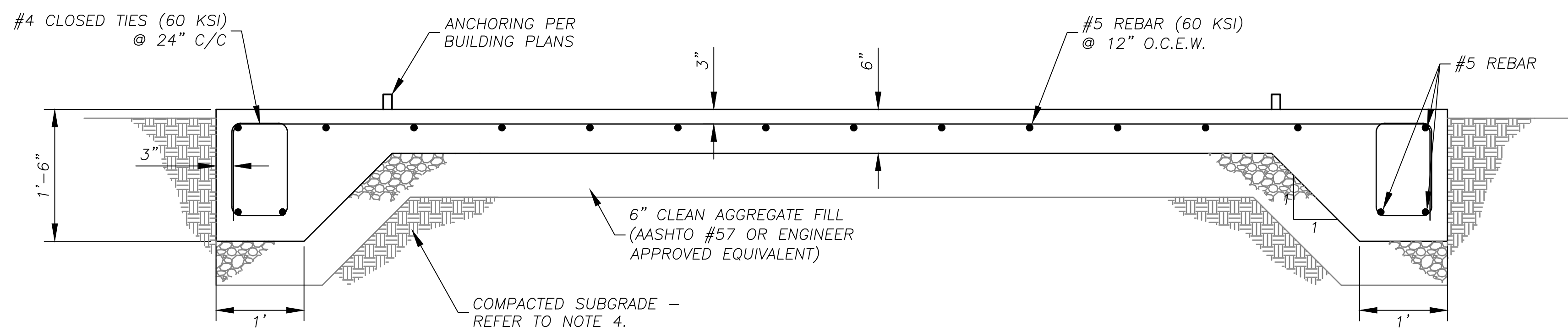
**GOOGLE FIBER HUT PHX 115
 6739 E AVALON ST
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 BOARD OF ADJUSTMENT SUP
 SITE IMPROVEMENT PLANS
 DETAILS**

Design: RSV / Drawn: TBW
 Checked: RSV
 Issue Date: 06/28/2023
 Project No.: 032030.72.01

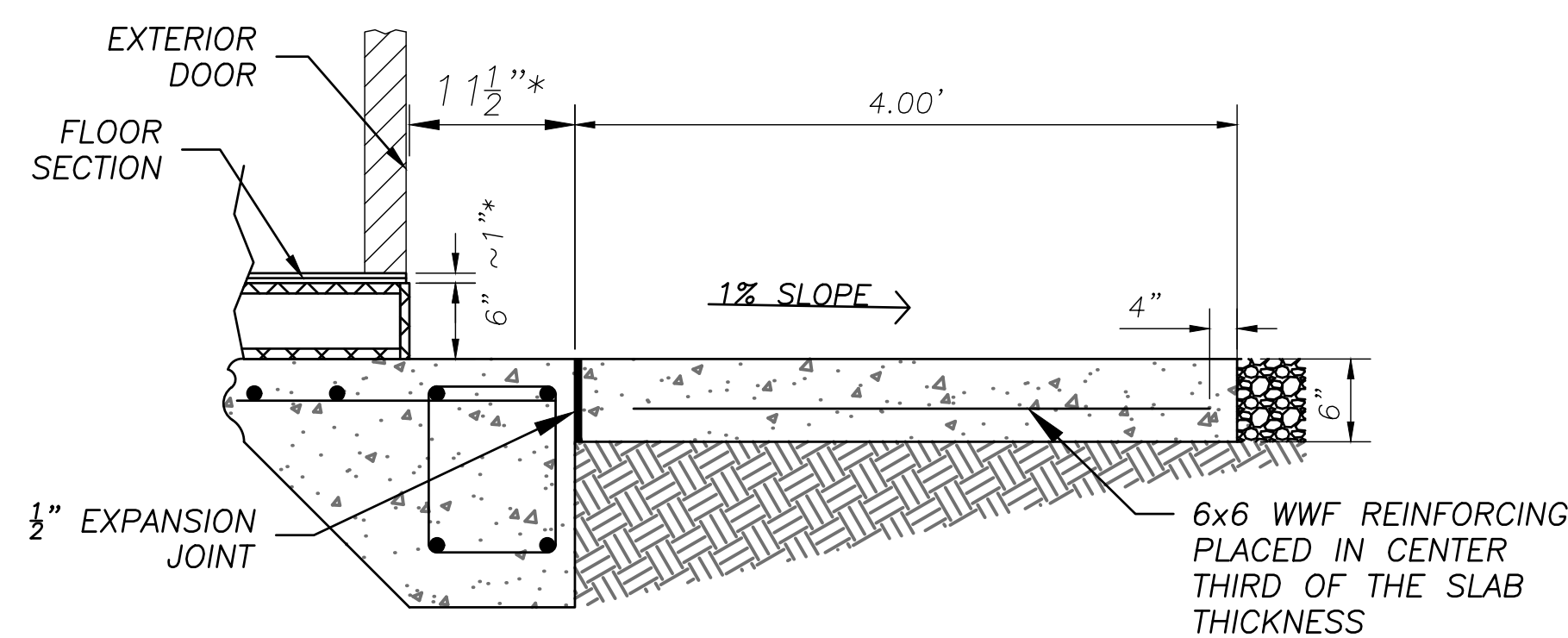
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008 Foundation Detail
Not to Scale

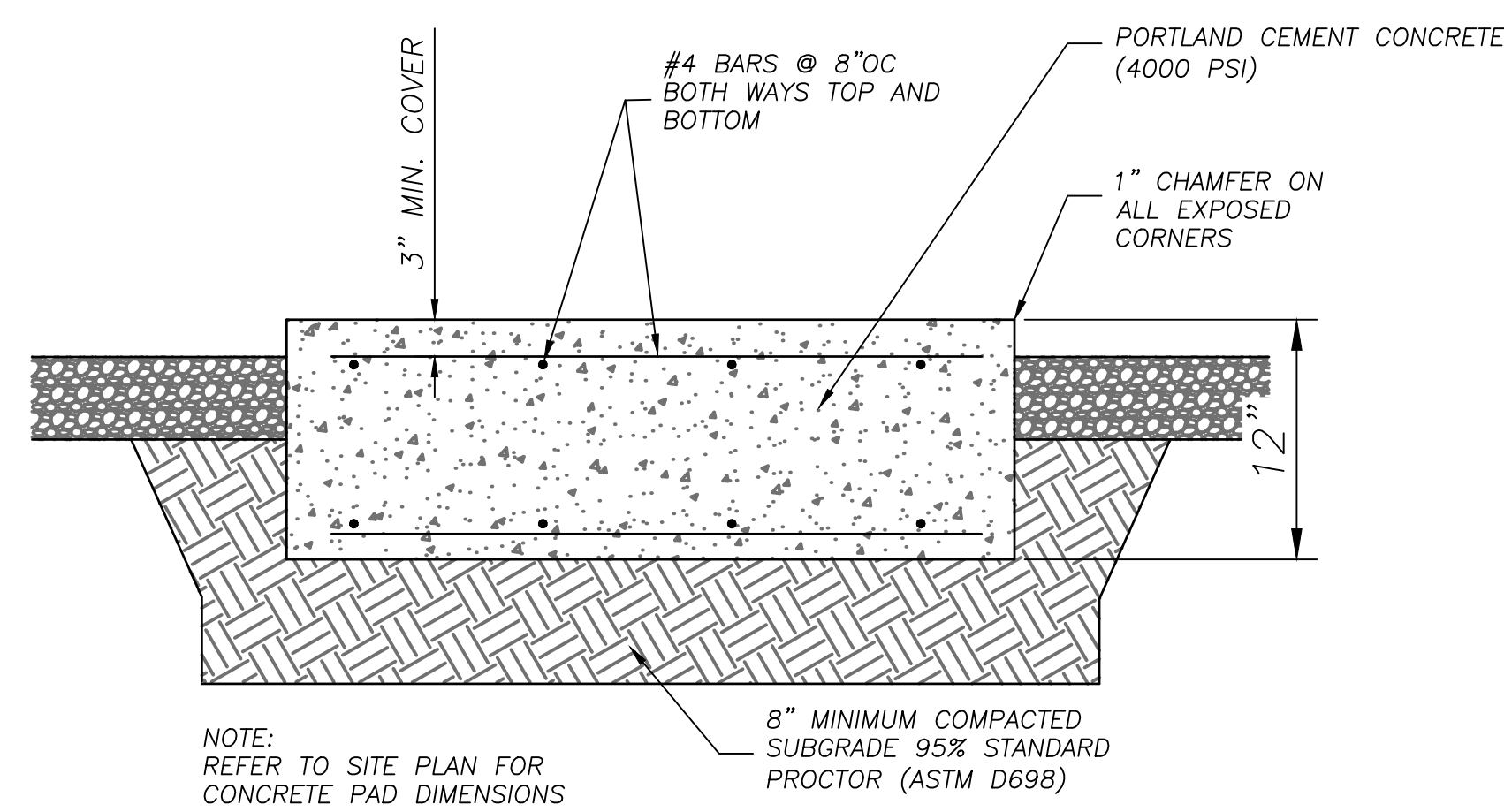


- NOTES:**
1. CONCRETE STRENGTH SHALL BE MINIMUM 4000 PSI.
 2. REFER TO BUILDING PLANS FOR SLAB GEOMETRY AND BOX OUT LOCATIONS.
 3. VERIFY BOX-OUT LOCATIONS ON SITE WITH OWNER & HUT MANUFACTURER PRIOR TO CONSTRUCTION.
 4. FILL MATERIALS SHALL BE PLACED ON THE AREAS TO BE FILLED IN LOOSE LAYERS NOT TO EXCEEDING 8" AND COMPACTED TO 95% AND WITHIN -2% TO +3% OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE STANDARD PROCTOR TEST. (SEE ALSO GRADING NOTE 3 ON C1.1)
 5. ALLOWABLE BEARING PRESSURE OF 1,500 PSF SHALL BE CONFIRMED PRIOR TO PLACING CLEAN AGGREGATE FILL ALONG FOUNDATION BED.

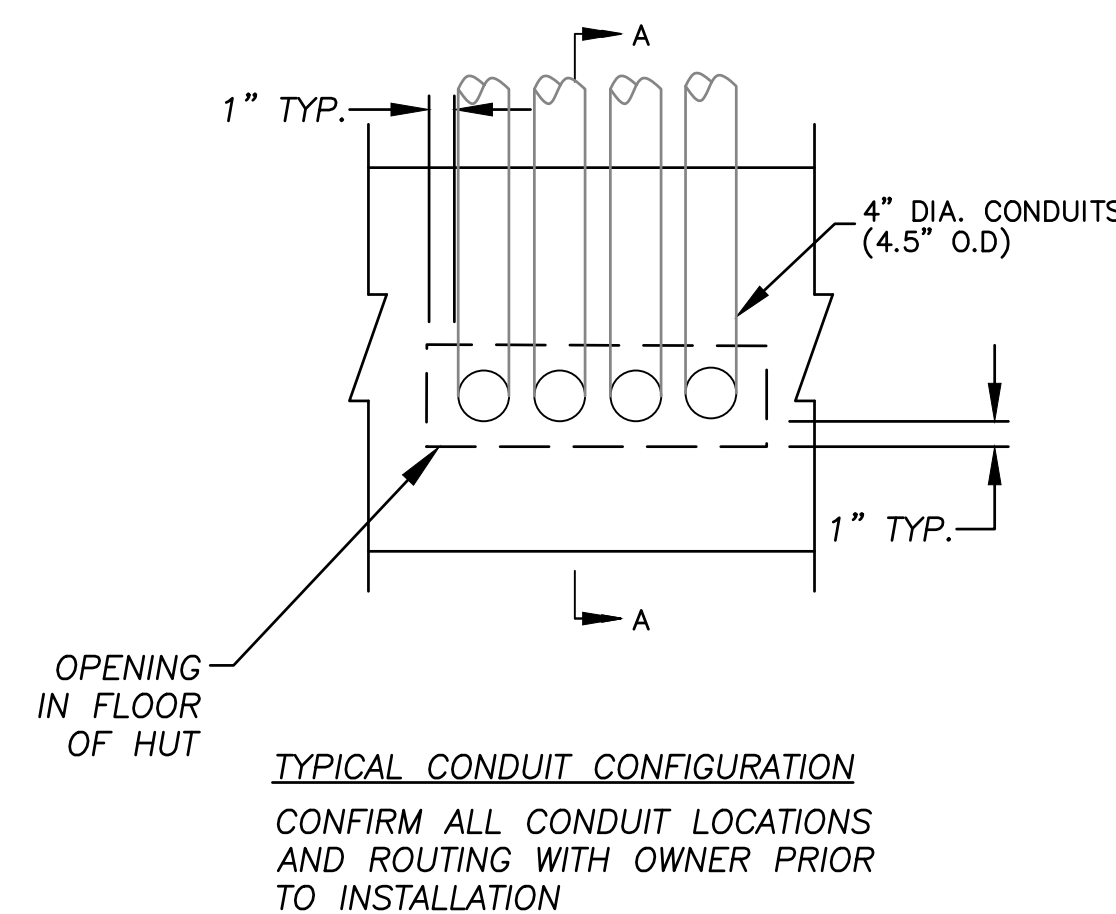


007 Stoop Detail
Not to Scale

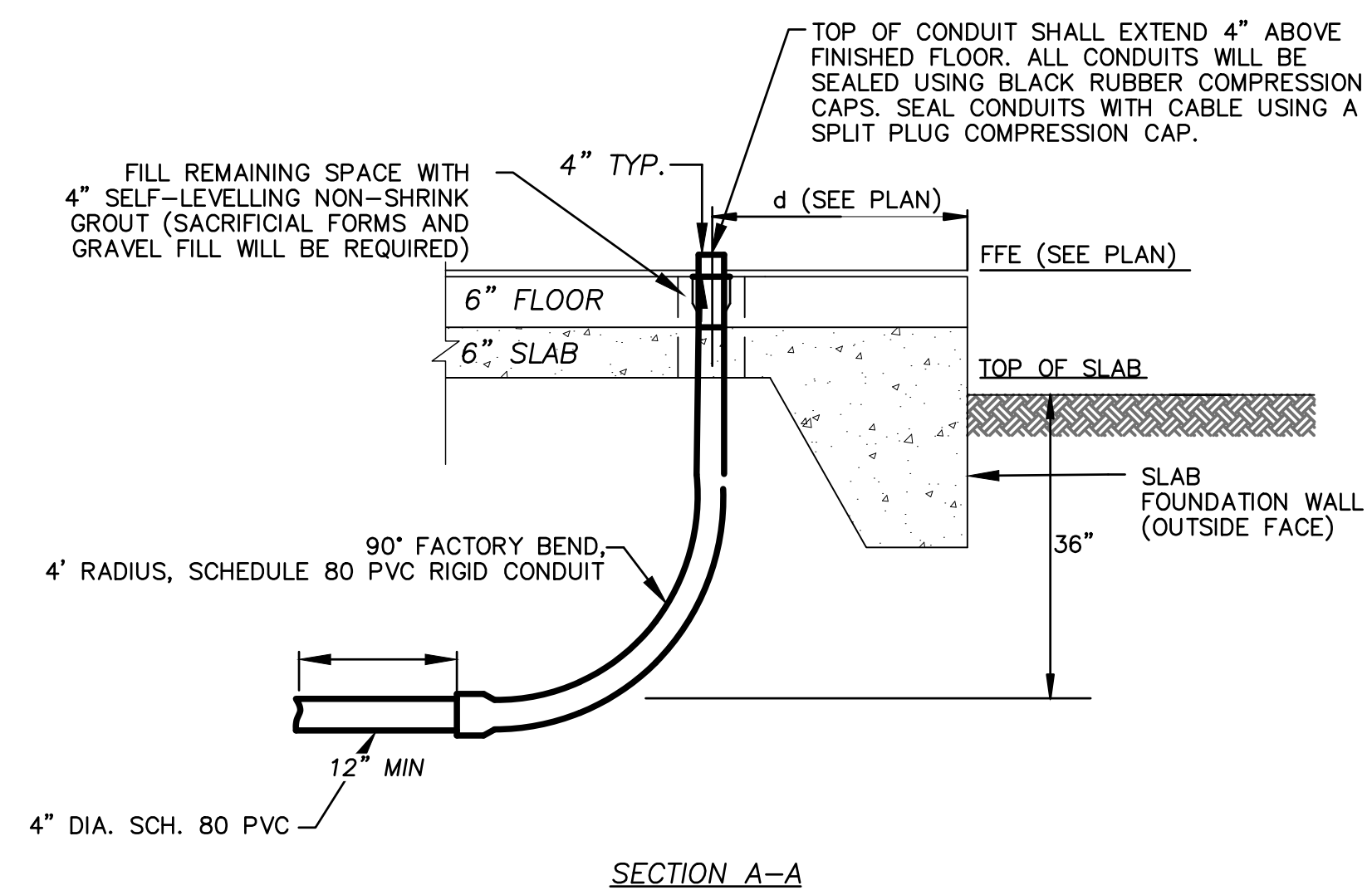
Notes:
*See building manufacturer plans for exact dimensions



009 Generator Pad Detail
Not to Scale



010 Typical Conduit Exit Detail
Not to Scale



Rev.	Date	Description	By	App.

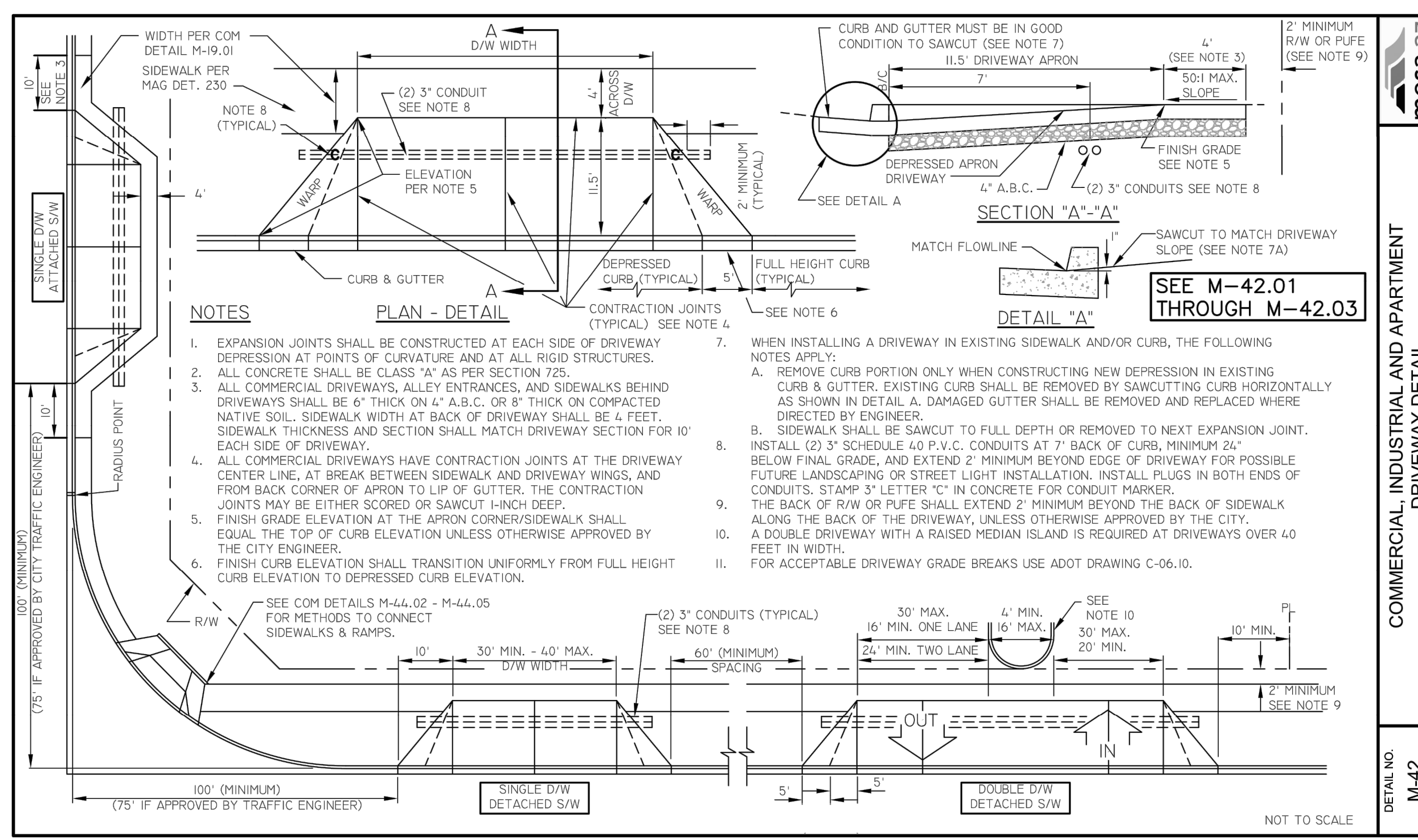
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GOOGLE FIBER INC.

**GOOGLE FIBER HUT PHX 115
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MESA, AZ 85205
BOARD OF ADJUSTMENT SUP
SITE IMPROVEMENT PLANS
DETAILS 1.1**

Design: RSV / Drawn: TBW
Checked: RSV
Issue Date: 06/28/2023
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NOTES

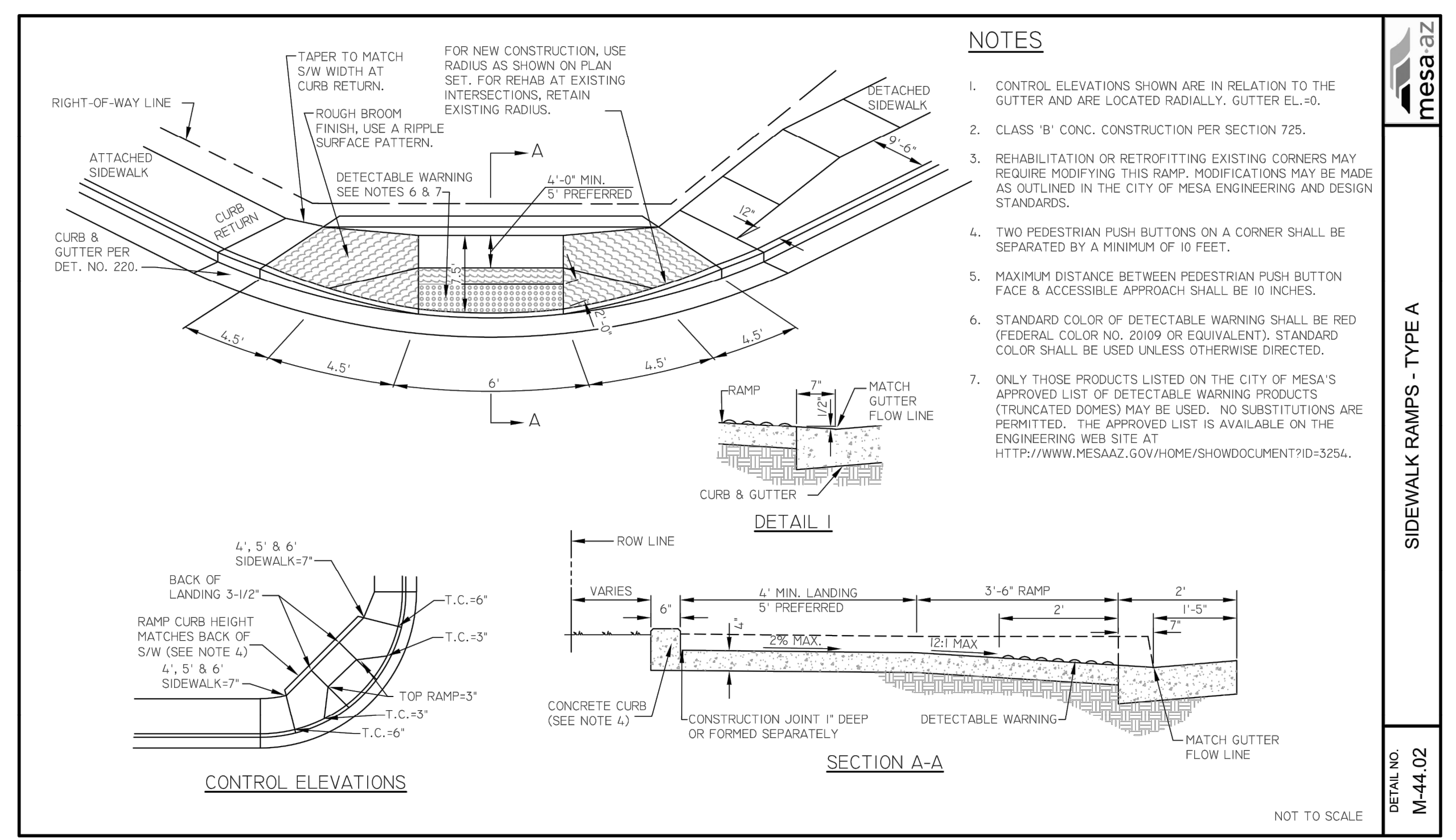
- EXPANSION JOINTS SHALL BE CONSTRUCTED AT EACH SIDE OF DRIVEWAY DEPRESSION AT POINTS OF CURVATURE AND AT ALL RIGID STRUCTURES. ALL CONCRETE SHALL BE CLASS "A" AS PER SECTION 725.
 - ALL COMMERCIAL DRIVEWAYS, ALLEY ENTRANCES, AND SIDEWALKS BEHIND DRIVEWAYS SHALL BE 6" THICK ON 4" A.B.C. OR 8" THICK ON COMPACTED NATIVE SOIL. SIDEWALK WIDTH AT BACK OF DRIVEWAY SHALL BE 4 FEET. SIDEWALK THICKNESS AND SECTION SHALL MATCH DRIVEWAY SECTION FOR 10' EACH SIDE OF DRIVEWAY.
 - ALL COMMERCIAL DRIVEWAYS HAVE CONTRACTION JOINTS AT THE DRIVEWAY CENTER LINE, AT BREAK BETWEEN SIDEWALK AND DRIVEWAY WINGS, AND FROM BACK CORNER OF APRON TO LIP OF GUTTER. THE CONTRACTION JOINTS MAY BE EITHER SCORED OR SAWCUT 1-INCH DEEP.
 - FINISH GRADE ELEVATION AT THE APRON CORNER/SIDEWALK SHALL EQUAL THE TOP OF CURB ELEVATION UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
 - FINISH CURB ELEVATION SHALL TRANSITION UNIFORMLY FROM FULL HEIGHT CURB ELEVATION TO DEPRESSED CURB ELEVATION.
- WHEN INSTALLING A DRIVEWAY IN EXISTING SIDEWALK AND/OR CURB, THE FOLLOWING NOTES APPLY:
- REMOVE CURB PORTION ONLY WHEN CONSTRUCTING NEW DEPRESSION IN EXISTING CURB & GUTTER. EXISTING CURB SHALL BE REMOVED BY SAWCUTTING CURB HORIZONTALLY AS SHOWN IN DETAIL A. DAMAGED GUTTER SHALL BE REMOVED AND REPLACED WHERE DIRECTED BY ENGINEER.
 - SIDEWALK SHALL BE SAWCUT TO FULL DEPTH OR REMOVED TO NEXT EXPANSION JOINT.
 - INSTALL (2) 3" SCHEDULE 40 P.V.C. CONDUITS AT 7" BACK OF CURB, MINIMUM 24" BELOW FINAL GRADE, AND EXTEND 2' MINIMUM BEYOND EDGE OF DRIVEWAY FOR POSSIBLE FUTURE LANDSCAPING OR STREET LIGHT INSTALLATION. INSTALL PLUGS IN BOTH ENDS OF CONDUITS. STAMP 3" LETTER "C" IN CONCRETE FOR CONDUIT MARKER.
 - THE BACK OF R/W OR P.U.F.E. SHALL EXTEND 2' MINIMUM BEYOND THE BACK OF SIDEWALK ALONG THE BACK OF THE DRIVEWAY, UNLESS OTHERWISE APPROVED BY THE CITY. A DOUBLE DRIVEWAY WITH A RAISED MEDIAN ISLAND IS REQUIRED AT DRIVEWAYS OVER 40 FEET IN WIDTH.
 - FOR ACCEPTABLE DRIVEWAY GRADE BREAKS USE ADOT DRAWING C-06-10.

SEE M-42.01 THROUGH M-42.03

COMMERCIAL INDUSTRIAL AND APARTMENT DRIVEWAY DETAIL

DETAIL NO. M-42

REV. 06/04/2018



NOTES

- CONTROL ELEVATIONS SHOWN ARE IN RELATION TO THE GUTTER AND ARE LOCATED RADIALLY. GUTTER EL.-0.
- CLASS "B" CONC. CONSTRUCTION PER SECTION 725.
- REHABILITATION OR RETROFITTING EXISTING CORNERS MAY REQUIRE MODIFYING THIS RAMP. MODIFICATIONS MAY BE MADE AS OUTLINED IN THE CITY OF MESA ENGINEERING AND DESIGN STANDARDS.
- TWO PEDESTRIAN PUSH BUTTONS ON A CORNER SHALL BE SEPARATED BY A MINIMUM OF 10 FEET.
- MAXIMUM DISTANCE BETWEEN PEDESTRIAN PUSH BUTTON FACE & ACCESSIBLE APPROACH SHALL BE 10 INCHES.
- STANDARD COLOR OF DETECTABLE WARNING SHALL BE RED (FEDERAL COLOR NO. 20109 OR EQUIVALENT). STANDARD COLOR SHALL BE USED UNLESS OTHERWISE DIRECTED.
- ONLY THOSE PRODUCTS LISTED ON THE CITY OF MESA'S APPROVED LIST OF DETECTABLE WARNING PRODUCTS (TRUNCATED DOMES) MAY BE USED. NO SUBSTITUTIONS ARE PERMITTED. THE APPROVED LIST IS AVAILABLE ON THE ENGINEERING WEB SITE AT [HTTP://WWW.MESA.AZ.GOV/HOME/SHOWDOCUMENT?ID=3254](http://www.mesaaz.gov/home/showdocument?id=3254).

SIDEWALK RAMPS - TYPE A

DETAIL NO. M-44.02

REV. 02/25/2021

Rev.	Date	Description	By	App.

NOT FOR CONSTRUCTION

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**BOARD OF ADJUSTMENT SUP
 SITE IMPROVEMENT PLANS
 DETAILS 1.4**

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