

GOOGLE FIBER PHX HUT 114 SITE IMPROVEMENT PLANS

2024 E UNIVERSITY DR
MESA, AZ 85213

PROJECT INFORMATION

Monday–Saturday 7:30 AM – 6:00 PM
Sunday: 9:00 AM – 6:00 PM

DEVELOPER

GOOGLE FIBER

ENGINEER/APPLICANT

BHC
7101 COLLEGE BLVD, STE 400
OVERLAND PARK, KS 66210

CONTACT: ROBERT VACCARO, P.E.
PHONE: (913) 663-1900
EMAIL: ROBERT.VACCARO@IBHC.COM

PROPERTY INFORMATION

OWNER: GRACE UNITED METHODIST CHURCH
ADDRESS: 42024 E UNIVERSITY DR
MESA, AZ 85213

CURRENT ZONING: OC – OFFICE COMMERCIAL
EXISTING USE: CHURCH PROPERTY
PROPOSED USE: FIBER EQUIPMENT SHELTER

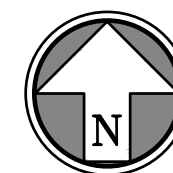
BUILDING AND SITE DATA

COMPOUND AREA: 1664 SF
PROPOSED BUILDING:
AREA: 360 SF
HEIGHT: 10.33 FT

UTILITY CONTACTS

POWER
CONTACT: TBD
PHONE:
EMAIL: NAME@EMAIL.COM

GAS
CONTACT: TBD
PHONE:
EMAIL: NAME@EMAIL.COM



VICINITY MAP

SHEET INDEX

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D1.3	SECURITY DETAILS

PREPARED & SUBMITTED BY:

BHC
Overland Park, Kansas

APPROVED BY:

CITY OF MESA

[illegible]

GOOGLE FIBER INC.

**GOOGLE FIBER HOT PAX 114
2024 E UNIVERSITY DR
MESA, AZ 85213**

**BOARD OF ADJUSTMENTS SUP
SITE IMPROVEMENT PLANS
COVER SHEET**

Design: RSV	Drawn: RSV
Checked: ----	
Issue Date: 3/7/2023	
Project No.: 032030.53.01	

11

COV

GENERAL NOTES:

1. All work shall be done in accordance with the latest version of the City of Mesa's Standard Specifications for Construction, unless noted otherwise in these plans.
2. The Contractor shall obtain all required permits prior to commencing construction.
3. Any work adjacent to or crossing existing streets requires proper traffic control devices. Traffic Control devices shall be placed in accordance with the Manual of Uniform Traffic Control Devices (MUTCD).
4. Any waste materials generated during construction shall be removed from the site by the Contractor and disposed of in accordance with all local, state, and federal regulations governing such disposal.
5. The Contractor shall prevent any trash, debris, or liquid wastes from being disposed of in sanitary sewers, storm sewers, or open drainage systems.
6. The Contractor shall be solely responsible to protect adjacent property, structures, and other improvements from damage during construction. In the event of damage to adjacent property, structures, or improvements, the contractor shall repair or replace such damage to the Owner's satisfaction at the Contractor's expense.
7. (A) Contractor will use photo or video documentation to validate the condition of the site before mobilization. This documentation shall include all areas to be disturbed, as well as all points of ingress and egress for all materials and equipment. This documentation shall be submitted to the Construction Manager prior to mobilization of site.
(B) In the case that damage occurs to any property or improvement, public or private, on or off the site, as a result of Contractors use of the site, Contractor shall repair or replace damaged property or improvement to the condition equal to or better than the undamaged condition, at the Contractor's expense.
(C) Contractor shall keep the work site free of trash and mud and in orderly appearance at all times. Debris and unsuitable material shall be promptly removed. Final cleanup shall be completed immediately after completion of work within an area. All equipment, trash, and unused material shall be removed and the entire limits of construction left in a neat and finished condition.
8. All work and materials used in the construction of the improvements shown hereon shall comply with standard specifications and plan notes.
9. All Buildings are shown as a reference only. All buildings shall be constructed and installed per the fiber hut manufacturer and vendor specifications.
10. Boundary information, existing utilities, and topographic features shown are according to the best information available to the engineer. However all utilities actually existing may not be shown. The contractor shall be responsible to field verify existing topographic features and existing utility locations and report any discrepancies to the owner and engineer prior to beginning construction activities.
11. All cable lengths shown on plans are approximate and should be field verified prior to construction.
12. Contractor shall restore any grass areas disturbed during construction to existing condition or better.




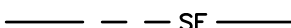


























UNDERGROUND FIBER CONDUIT

1. ALL CONDUIT SHALL BE SCHEDULE 80 PVC.
2. CONDUITS ARE DIAGRAMMATIC IN NATURE, CONTRACTOR SHALL RUN CONDUITS USING BEST PRACTICES IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
3. ALL FIBER CONDUITS SHALL BE BURIED A MINIMUM OF 24" BELOW FINISHED GRADE.
4. ALL FIBER CONDUITS SHALL BE INSTALLED WITH ½" MULETAPE AND SHALL BE CAPPED AFTER ENTERING EVERY VAULT.
5. ALL VAULTS SHALL BE CONNECTED BY UNDERGROUND CONDUITS.
6. ALL CONDUITS SHALL HAVE #6 SOLID HMWPE .045MIL ORANGE TRACER WIRE INSTALLED EXTERIOR TO THE CONDUIT TO LOCATE CONDUITS.

EROSION CONTROL GENERAL NOTES:

1. The Contractor shall implement Best Management Practices (BMP's) as indicated on the erosion control plan. The contractor shall adjust and supplement the BMP's as needed due to ongoing construction activities.
2. The Contractor must modify the plan if the plan fails to substantially control erosion and offsite sedimentation. Plan modifications due to ineffectiveness must be fully documented and approval secured from the permitting authority as soon as practicable. The contractor may modify the plan or construction sequence if implementation is infeasible for site conditions or contractor methods. Any such modification shall control erosion and offsite sedimentation to the maximum extent practicable.
3. Contractor shall be responsible for keeping all adjacent Roadways, Properties, and Utility lines free of mud, silt and debris. Contractor shall remove any such materials and clean any facilities that are impacted by the construction activities on the site.
4. Contractor shall be responsible for ongoing maintenance of sediment and erosion control measures during all phases of construction until the project is accepted by the Owner and the Authorities having Jurisdiction. Maintenance includes replacement of damaged or failing BMP's on an as-needed basis.
5. The Contractor shall perform inspections of erosion and sediment control measures at least once per week and within 24 hours following each rainfall event of 1/2" or more within a 24-hour period.
6. Contractor shall install and maintain construction entrances to reduce tracking of mud and debris onto adjacent roadways. Contractor shall direct all subcontractors, deliveries, and personnel to access the site via the construction entrances.
7. Temporary seed shall be applied in areas where work has ceased and will not resume within 14 calendar days.
8. Seeded Areas shall be checked regularly and maintained as required by mowing and re-seeding.
9. The Contractor shall provide an adequate concrete washout pit and detain all wash-water on-site.
10. Silt Fence shall be repaired to original conditions. Sediment shall be removed from silt fences once sediment builds to 1/3 of the height of the silt fence.
11. Install erosion control measures per plan prior to any site work. Remove once site vegetation has reached minimum 70% stability.

LEGEND

- | | | | |
|---|---|---|------------------------------------|
|  | EXISTING TELECOM STRUCTURE |  | EASEMENT FOR FACILITIES |
|  | EXISTING TELEPHONE LINE |  | PROPOSED SILT FENCE |
|  | EXISTING CABLE TV LINE |  | PROPOSED CHAIN LINK FENCE |
|  | EXISTING OVERHEAD ELECTRIC LINE |  | PROPOSED CONDUIT LINE |
|  | EXISTING UTILITY POLE |  | PROPOSED GROUNDING GRID |
|  | EXISTING GUY ANCHOR |  | PROPOSED UNDERGROUND ELECTRIC LINE |
|  | EXISTING WIRE FENCE |  | PROPOSED UTILITY POLE |
|  | EXISTING GUARD RAIL |  | SLOPE ARROW |
|  | EXISTING GRADE CONTOURS |  | FINISH GRADE 5' CONTOURS |
|  | NEIGHBORING LINE LOCATION |  | FINISH GRADE 1' CONTOURS |
|  | PROPERTY LINE LOCATION |  | FINISHED FLOOR ELEVATION |
|  | HIGHWAY RIGHT-OF-WAY LOCATION |  | TOP OF GRADE ELEVATION |
|  | FIBER OPTIC CABLE (INSTALLED BY OTHERS) |  | EASEMENT |
|  | FIBER VAULT (INSTALLED BY OTHERS) |  | SQUARE FEET |
| | |  | KEYNOTE |
| | |  | PROPOSED GRAVEL SURFACE |

MESA CONSTRUCTION NOTES:

a. "Comply with all provisions and requirements of Mesa Building Code (MBC) Chapter 33 – Safeguards During Construction, Mesa Fire Code (MFC) Chapter 33 – Fire Safety During Construction and Demolition, and NFPA 241 for items not specifically addressed by MFC Chapter 33."

"Fire apparatus access roads are essential during construction to allow emergency response to the site for both fire and medical emergencies. Access roads shall be in place prior to the start of vertical construction. It is important to develop access roads at an early stage of construction to allow for fire department access to the site in the case of fire or injury."

b. Required fire apparatus access road during construction or demolition shall comply with Mesa Fire and Medical Department standard detail FPD 3310.1. The access road shall be a minimum of 20 feet wide of all-weather driving surface, graded to drain standing water and engineered to bear the imposed loads of fire apparatus (78,000 lbs. / 24,000 lbs. front axle, 54,000 lbs. rear axle) when roads are wet.

The access road shall extend to within 200 feet of any combustible materials and/or any location on the jobsite where any person(s) shall be working for a minimum of four (4) continuous hours in any day. A clearly visible sign marked "Fire Department Access", in red letters, shall be provided at the entry to the access road.

All open trenches shall have steel plates capable of maintaining the integrity of the access road design when these trenches cross an access road.

These access roads may be temporary or permanent. This policy applies only during construction and/or demolition. Permanent access per the MFC shall be in place prior to any final inspection or certificate of occupancy."

c. "Water supply for fire protection: An approved water supply for construction site shall meet the requirements of MFC Appendix Chapters B and C. The minimum fire flow requirement when contractor or developer brings combustible materials on site is 1,500 gpm at 20 psi. At least one fire hydrant shall be within 500 feet of any combustible material and capable of delivering the minimum fire flow requirement. This hydrant or hydrants may be either temporary or permanent as the project schedule permits.

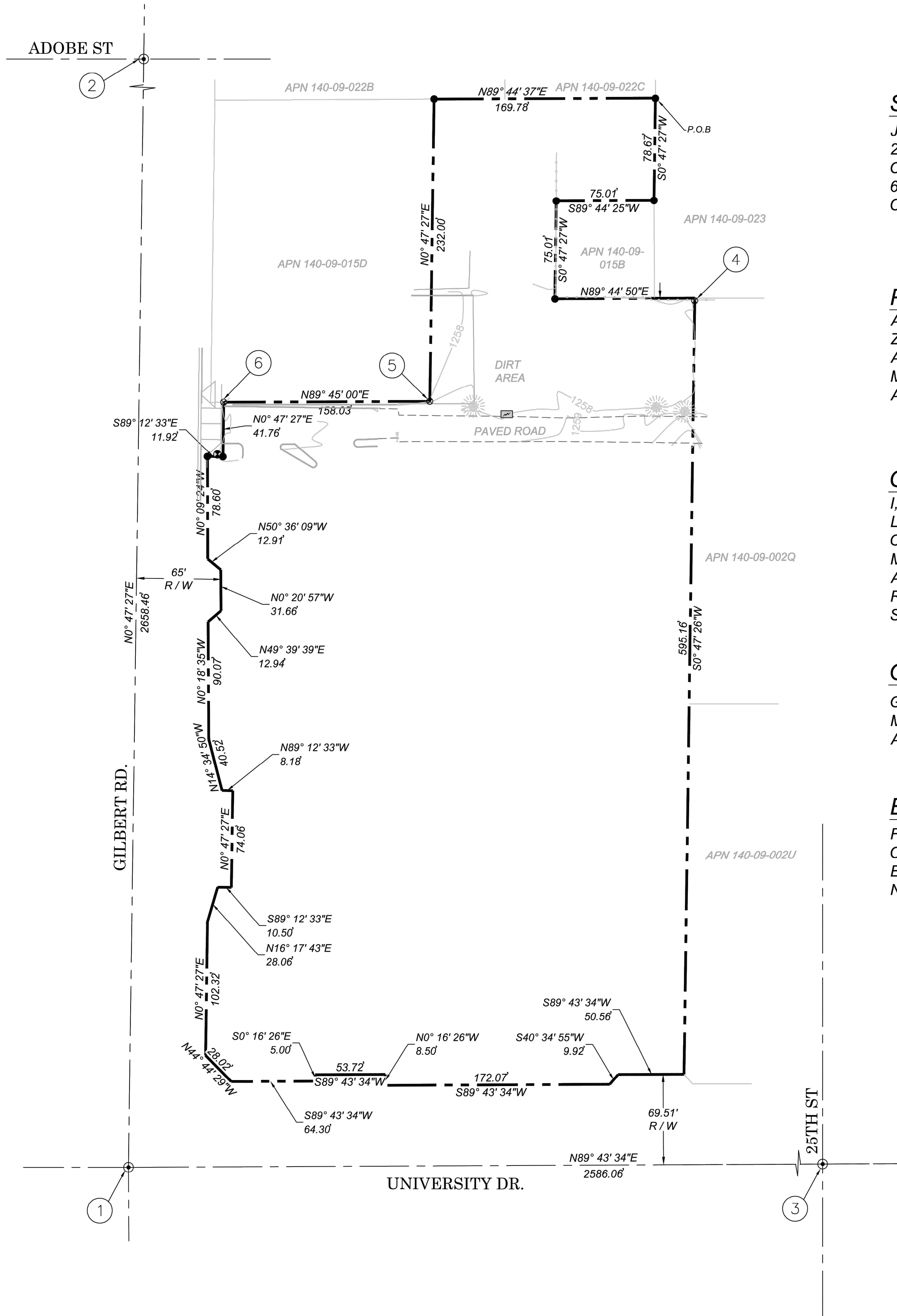
In addition, there are times when hydrants and valves must be closed temporarily for repair work or construction of the water system. The developer/contractor is responsible for ensuring that the water supply is always available. When the work is complete, developer/contractor shall make sure that the fire hydrants are active, and the valves are open."

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Design: RSV						Drawn: RSV					
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2 of 11											
GEN											

BOUNDARY / TOPOGRAPHIC SURVEY

2024 E UNIVERSITY DR MESA 85213

A PORTION OF THE SOUTHWEST QUARTER OF SECTION 18, TOWNSHIP 1 NORTH, RANGE 6 EAST OF THE GILA
AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA



SURVEYOR

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

PROPERTY

APN 140-09-0022
ZONING OC
ADDRESS: 2024 E UNIVERSITY DR
MESA 85213
AREA : 129,269 SF = 2.97 ACRES

CERTIFICATION

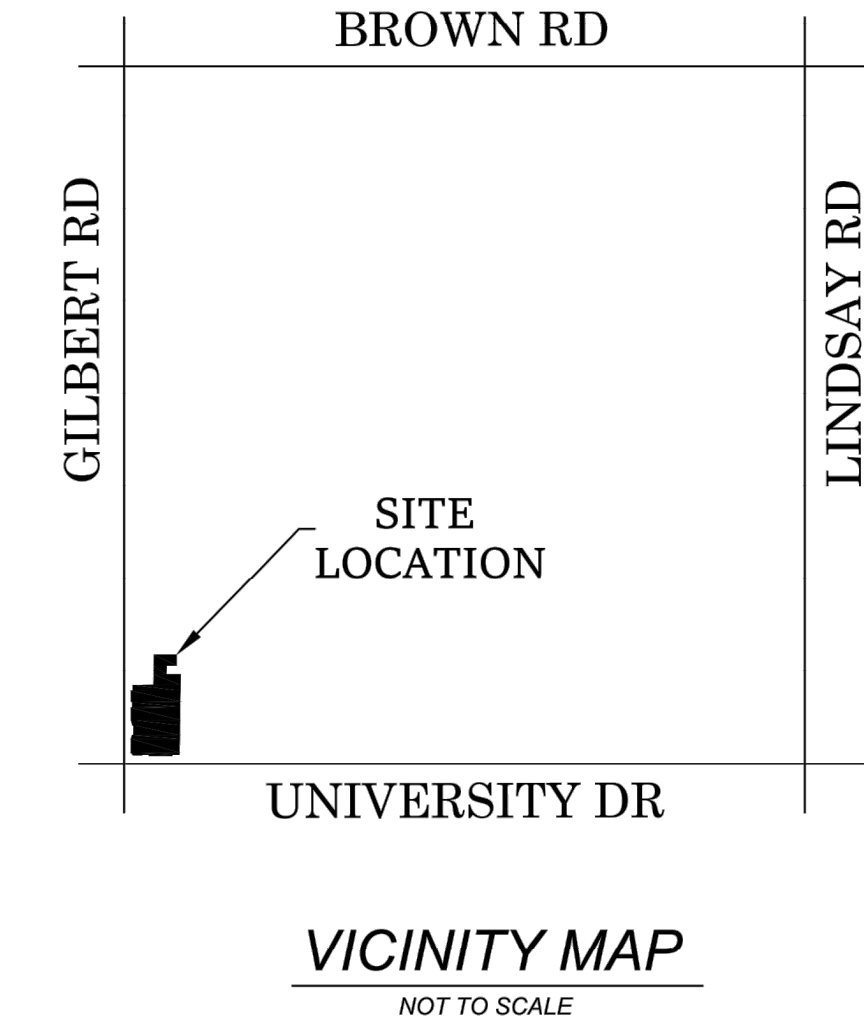
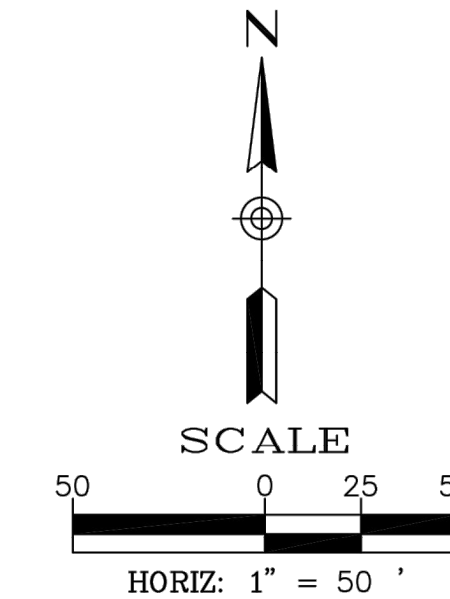
I, RAED DALBIK, RLS, HEREBY CERTIFY THAT I AM A REGISTERED
LAND SURVEYOR IN THE STATE OF ARIZONA; THAT THIS EXHIBIT
CONSISTING OF 1 SHEET IS CORRECT AND ACCURATE TO THE BEST OF
MY KNOWLEDGE AND BELIEF; THAT THE BOUNDARY MONUMENTS EXIST
AS SHOWN AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE
RETRACED; THAT THE CONTROL POINTS AND PARCEL CORNERS ARE
SET AS SHOWN. DATE: 1/7/23 REED DALBIK, RLS NO. 67877

OWNER

GRACE UNITED METHODIST CHURCH OF MESA
MAILING ADDRESS: 2024 E UNIVERSITY DR MESA
AZ 85213

BENCHMARK

FD 3" MESA BC IN HH 0.7' DN NO STAMPING NOTE-
CL OF UNIVERSITY DR AND GILBERT RD
ELEV 1,255.931
NAVD 88

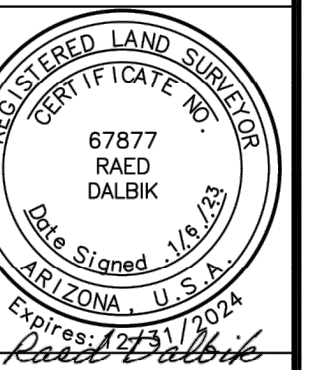


LEGEND

●	SET 1/2" REBAR TAG LS 67877
⊙	SECTION CORNER AS NOTED
⊗	PROPERTY CORNER AS NOTED
⊗	FIRE HYDRANT
⊗	T-MOBIL BOX
⊗	LIGHT POLE
⊗	TREE
---	ROAD CENTERLINE
---	PROPERTY LINE
---	ADJACENT PROPERTY LINE
---	FENCE WALL
R / W	RIGHT OF WAY
A.P.N	ASSESSOR PARCEL NUMBER
BC	BRASS CAP
COM	CITY OF MESA
HH	HAND HOLE

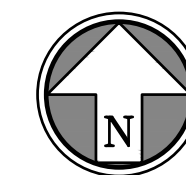
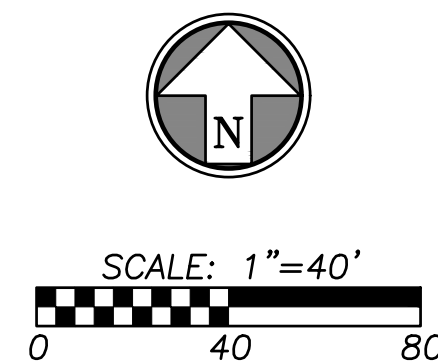
MONUMENTS TABLE	
1	FD 3" MESA BC IN HH 0.7' DN SW COR. SEC. 18 T1N. R6W
2	FD 3" MESA BC IN HH 08' DN W/4 COR. SEC. 18 T1N. R6W
3	FD 3" MESA BC IN HH 1' DN E/4 COR. SEC. 18 T1N. R6W
4	SET WITNESS CORNER 2' S. 1/2" REB TAG LS 67877
5	FND PK NAIL W / WASHER LS 21782 (ACCEPTED)
6	SET PK NAIL W / WASHER LS 67877

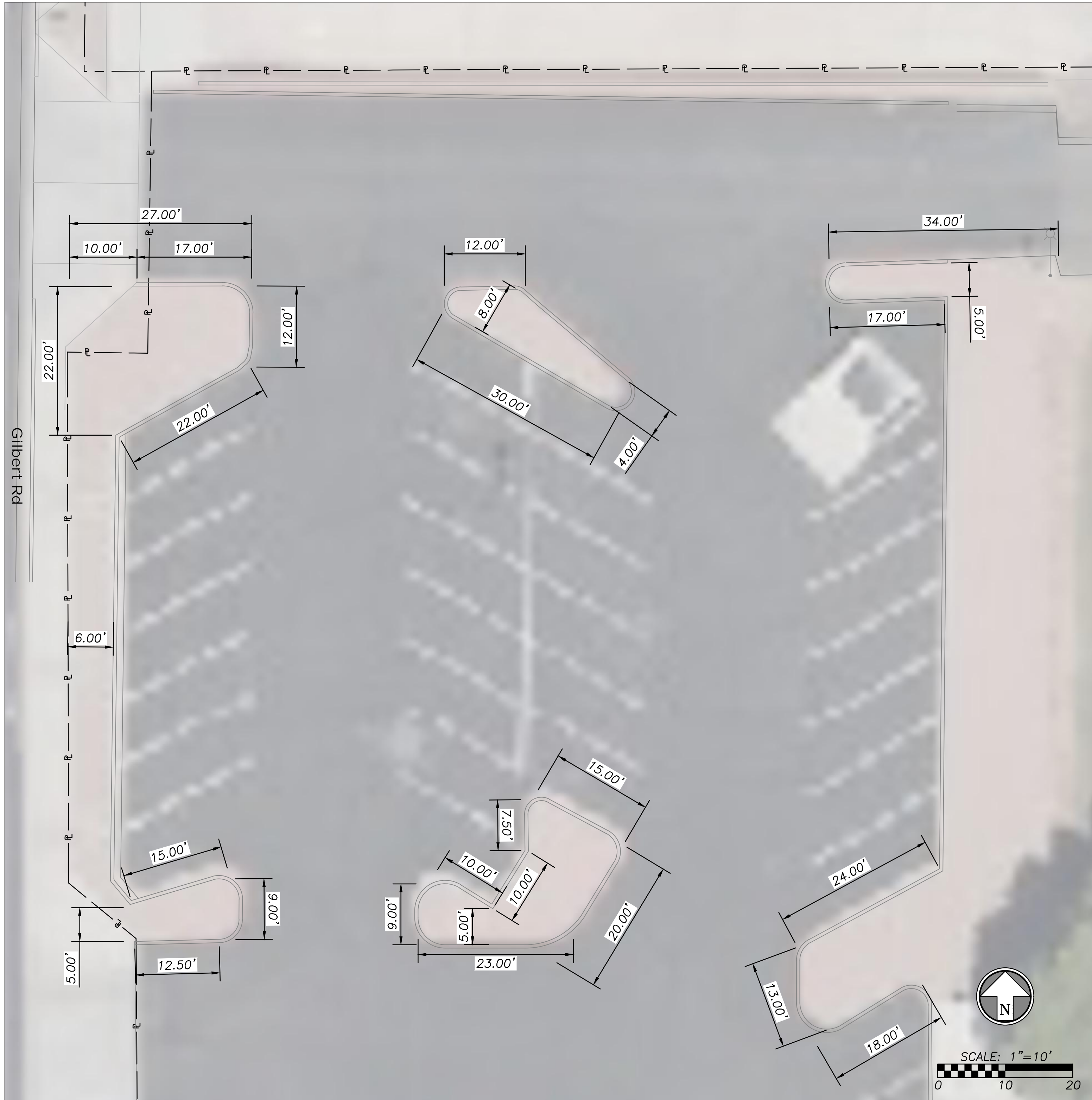
J.L.D. ENGINEERING
2822 SOUTH BUCKSKIN WAY
CHANDLER, AZ 85286
(602) 790-7958



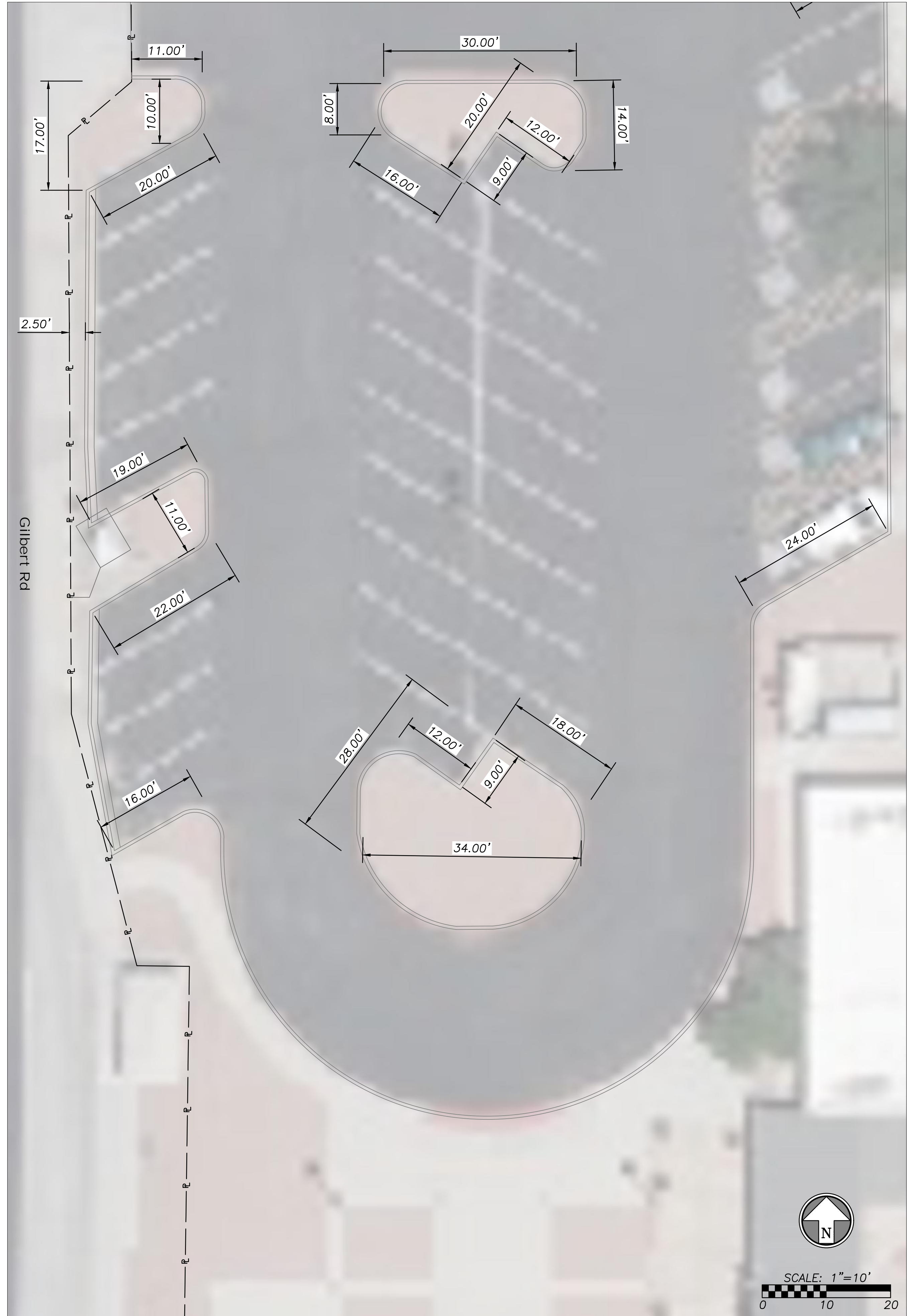
BOUNDARY / TOPOGRAPHIC
SURVEY
2024 E UNIVERSITY DR MESA 85213

SCALE: 1"=50'	
SECTION: 18 TOWNSHIP: 1N RANGE: 6E	
JOB NO.: 23-02 SHEET 1 OF 1	



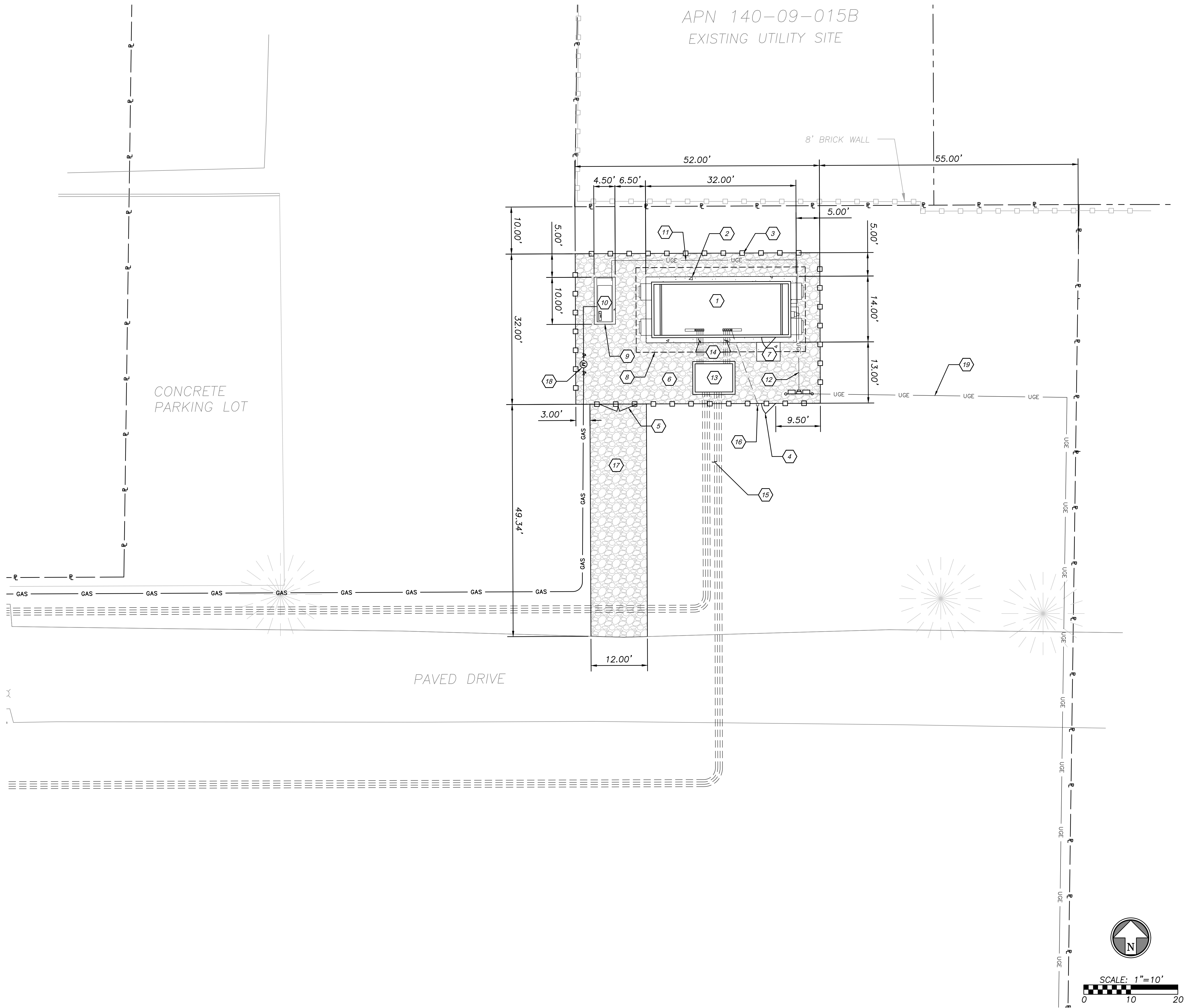


SOUTH SIDE OF SOUTHERN PARKING LOT



SOUTH SIDE OF NORTHWEST PARKING LOT

Mar 29, 2023 - 4:02pm Plotted By: Robert Vaccaro T:\032030\71.01 GF PHX HUT 114\DWG\Eng\Sheet\PHX HUT 104-SITS-SITE PLAN.dwg Layout: SITE PLAN



SITE PLAN

CONSTRUCTION KEYNOTE DESCRIPTIONS:

- 11'-10" X 29'-7" PRE-MANUFACTURED FIBER HUT TO BE SET BY CONTRACTOR. REFER TO BUILDING MANUFACTURER PLANS. FIBREBOND DWG NO D11431.
- CONSTRUCT 14' X 32' SLAB ON GRADE. REFER TO DETAIL 008 (D1.1).
- INSTALL 8' MASONRY SECURITY FENCE AROUND HUT SITE. SEE SHEET D1.0 FOR DETAILS.
- INSTALL 3' WIDE MAN GATE AND GATE POSTS. SEE SHEET D1.0 FOR DETAILS
- INSTALL 8' WIDE DOUBLE SWING GATE AND GATE POSTS. SEE SHEET D1.0 FOR DETAILS
- EXCAVATE EXISTING MATERIAL, RECOMPACT SUBGRADE AND INSTALL 6" AGGREGATE WITH GEOTEXTILE FABRIC ON COMPACTED SUBGRADE WITHIN FENCED AREA. REFER TO DETAIL 005 (D1.2).
- CONSTRUCT 4'X5' CONCRETE LANDING AT GRADE. REFER TO DETAIL 007 (D1.1)
- INSTALL GROUNDING GRID REFER TO DETAIL 011 (D1.2) FOR INSTALLATION INFORMATION.
- INSTALL 4'-6"X 10'-0" CONCRETE GENERATOR PAD. REFER TO DETAIL 009 (D1.1).
- SET BACKUP GENERATOR INSTALL PER MANUFACTURERS SPECIFICATIONS.
- 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.
- 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.
- INSTALL 6'x8'x4.75' OLDCASTLE 1119325-01 BELOW GRADE ON SITE UTILITY VAULT WITH LID.
- 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 006 (D1.2) AND 010 (D1.1)
- INSTALL 4 - 4" PVC CONDUIT FROM ON SITE VAULT TO EACH MEET-ME VAULT LOCATED IN ROW OF GILBERT RD (8 TOTAL CONDUIT) REFER TO PROPERTY PLAN FOR FULL PATH. INSTALL PER DETAIL 006 (D1.2).
- 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).
- CONSTRUCT 12' WIDE COMPACTED AGGREGATE DRIVE FROM EXISTING ASPHALT DRIVE TO SITE GATE. REFER TO DETAIL 005 (D1.2).
- GAS METER AND SERVICE LINE LOCATION AND DESIGN TO BE COORDINATED WITH LOCAL UTILITY
- ELECTRIC SERVICE LINE LOCATION AND DESIGN TO BE COORDINATED WITH LOCAL UTILITY

LEGEND

- PROPOSED SECURITY FENCE
- PROPOSED FIBER OPTIC CABLE
- PROPOSED GAS SERVICE LINE
- PROPOSED ELECTRIC SERVICE LINE
- PROPOSED GROUNDING
- PROPERTY LINE
- PROPOSED GRAVEL SURFACE



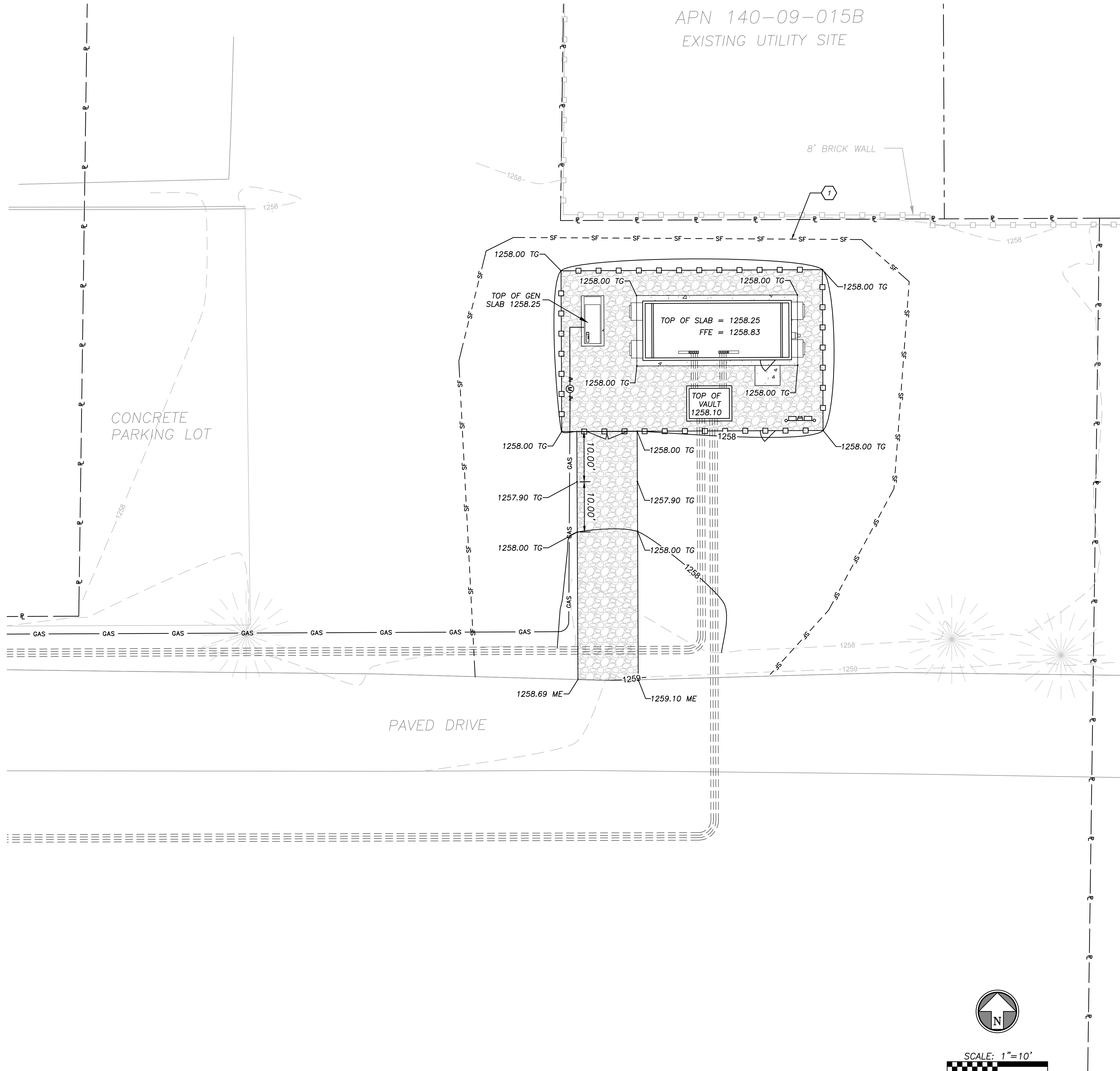
SCALE: 1"=10'

GOOGLE FIBER HUT PHX 114 2024 E UNIVERSITY DR MESA, AZ 85213		BOARD OF ADJUSTMENTS SUP SITE IMPROVEMENT PLANS SITE PLAN	
Design: RSV		Drawn: RSV	
Checked: ----		Issue Date: 3/7/2023	
Project No.: 032030.53.01		Rev. 1 3/29/2023	
Prepared For: GOOGLE FIBER INC.		Description: ISSUED FOR BOA PERMIT REVISION 1	
By: RSV		Date: 3/29/2023	
App: ----		Rev. 1 3/29/2023	

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C1.1

Mar 29, 2023 - 4:02pm Plotted By: Robert Vaccaro T:\032030\071.01.GF PHX HUT 114\DWG\Eng\Sheet\PHX HUT 104-SITS-SITE PLAN.dwg Layout: GRADING PLAN



SITE GRADING & EROSION CONTROL PLAN

LEGEND

XXX.XX TG	TOP OF GRADE
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
	PROPOSED GRAVEL SURFACE

GRADING AND EROSION CONTROL KEYNOTES

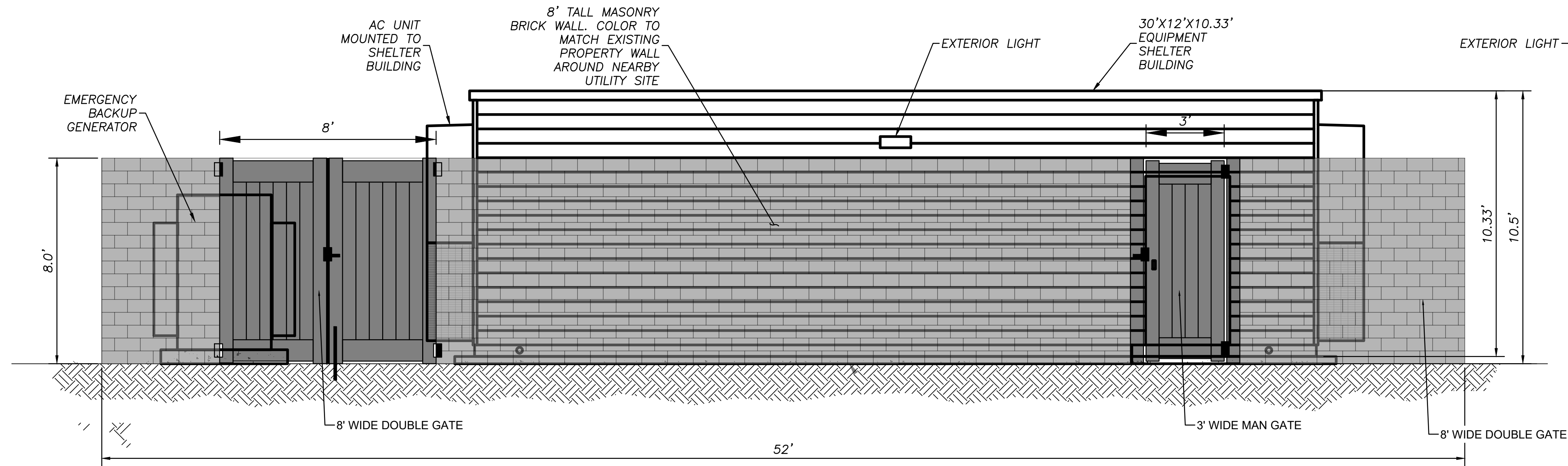
1. INSTALL APPROX. 250 LF OF SILT FENCE AROUND DISTURBED AREA. REFER TO SILT FENCE DETAIL 004 ON SHEET D1.0.

GRADING NOTES:

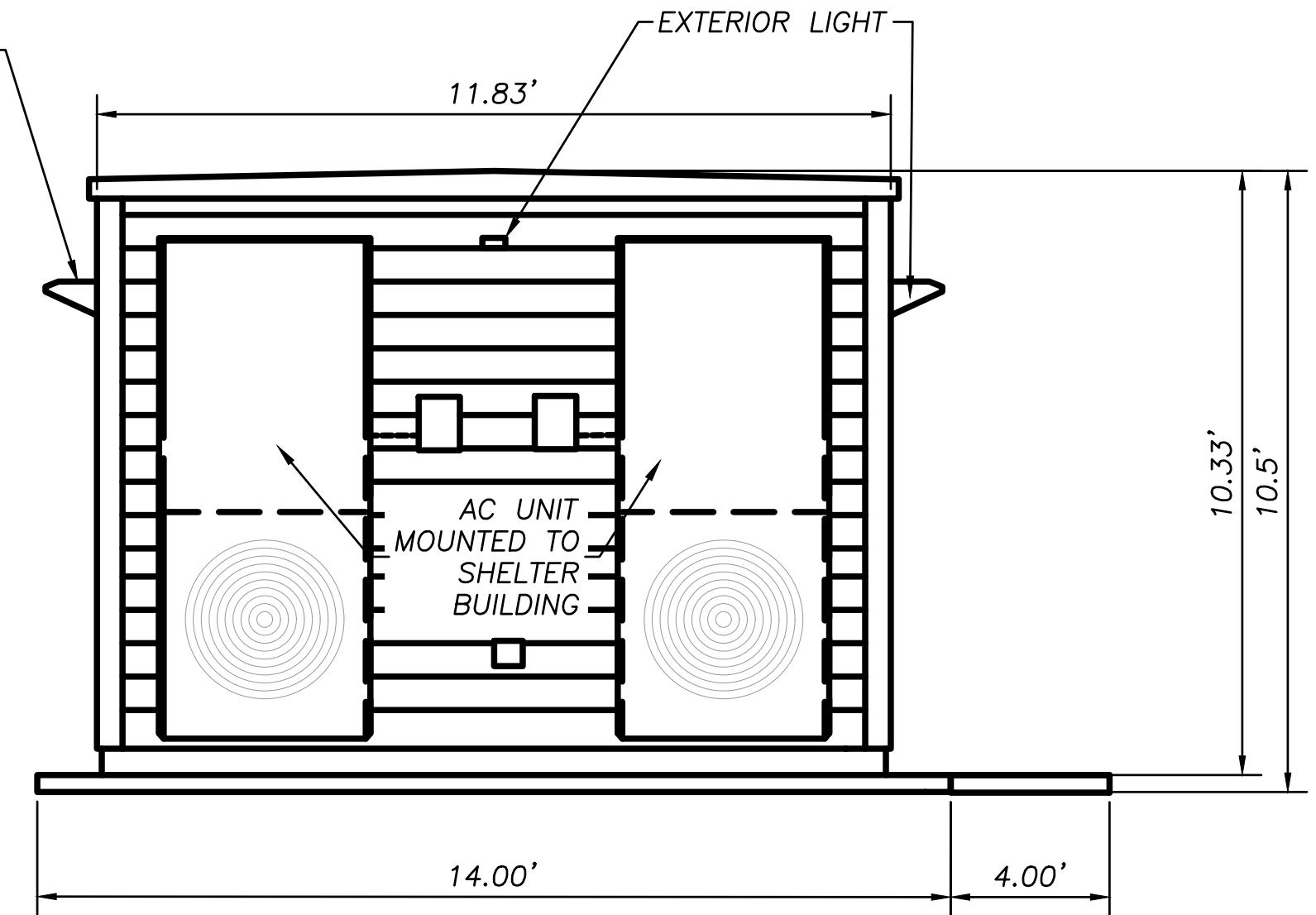
- No geotechnical report is available for this project. Design soil bearing value = 1,500 PSF. Foundation excavation shall be inspected and approved by a soils engineer prior to placement of concrete.
- Over excavation of existing unsuitable soils will be required under building foundation. Contractor shall perform over excavation of unsuitable soils as a part of this work.
- Contractor shall obtain soils suitable as structural fill from off-site sources. All borrow materials must be tested and approved by the Geotechnical Engineer prior to importing soils to the project site. Imported fill to be either (1) Lean Clay, USCS Classification CL (LL < 40) or (2) Low volume change, cohesive soil, USCS Classification CL, with LL < 40 and 5 < PI < 15. Place fill in 8" loose lifts when compaction with self-propelled compaction equipment is used and 4" loose lifts when compacting with hand-guided equipment. At the time of placement, compact material to 95% of the maximum dry density and within -2% to +3% of the optimum moisture content as determined by the standard proctor test ASTM D698.
- Contractor shall operate under the terms and permits prepared for this project and permitted through the City of Mesa and the State of Arizona. Contractor shall employ a qualified person to conduct regular inspections of the site erosion control measures and document such inspections.
- All topsoil, vegetation, root structures and deleterious materials shall be stripped from the ground surface prior to the placement of fill. Complete stripping of the topsoil shall be performed at least 5' beyond the proposed building and compound areas to expose the underlying native soils. The exposed soils shall then be thoroughly proofrolled with a fully loaded (at least 20 tons) tandem-axle dumptruck or other heavy rubber-tired equipment in the presence of the geotechnical engineer. Any weak or unstable subgrade soils shall be removed and replaced or aerated/reworked and recompacted in place to meet engineered fill recommendations.
- All proposed contour lines and spot elevations shown are finish ground elevations. Contractor shall account for pavement depths, building pads, topsoil, etc when grading the site. If material will be stockpiled, stabilize/protect the stockpile from erosion with sediment trapping measures such as silt fence.
- All disturbed areas that are not to be paved (green spaces) shall be finish graded with a minimum of six inches of topsoil.
- All excavation and embankments shall comply with the recommendations provided by the Geotechnical Engineer.
- Prior to placing any concrete or aggregate surface the contractor shall perform a proof roll of the sub-grade with a fully loaded (at least 20 tons) tandem axle dump truck. The proof roll shall be conducted in the presence of the Engineer or an On-Site Geotechnical Representative. Areas that display rutting or pumping that are unsatisfactory to the Engineer shall be re-worked and a follow-up proof roll shall be conducted prior to acceptance of the sub-grade for paving. The contractor may, at its own expense, stabilize the sub-grade using Class C fly ash or quicklime.
- Finished grades shall not be steeper than 3:1.
- All grading work shall be considered unclassified. No additional payments shall be made for rock excavation. Contractor shall satisfy himself as to any rock excavation required to accomplish the improvements shown hereon.
- All disturbed areas not to be paved shall be permanently seeded.

GOOGLE FIBER HUT PHX 114 2024 E UNIVERSITY DR MESA, AZ 85213		GOOGLE FIBER INC.		Prepared For:	
BOARD OF ADJUSTMENTS SUP SITE IMPROVEMENT PLANS GRADING & EROSION CONTROL PLAN		CIVIL ENGINEERING / SURVEYING VENTURES 101 Colorado Blvd., Suite 400 Overland Park, Kansas 66210 p. 913.663.1800 BEC a member of Brueggemann & Company, P.A.		ISSUED FOR BOA PERMIT REVISION 1	
Design: RSV		Drawn: RSV		By	
Checked: ----		Issue Date: 3/7/2023		Rev.	
Project No.: 032030.53.01		Date		Description	
6 of 11		1		3/29/2023	
C1.2		1		3/29/2023	

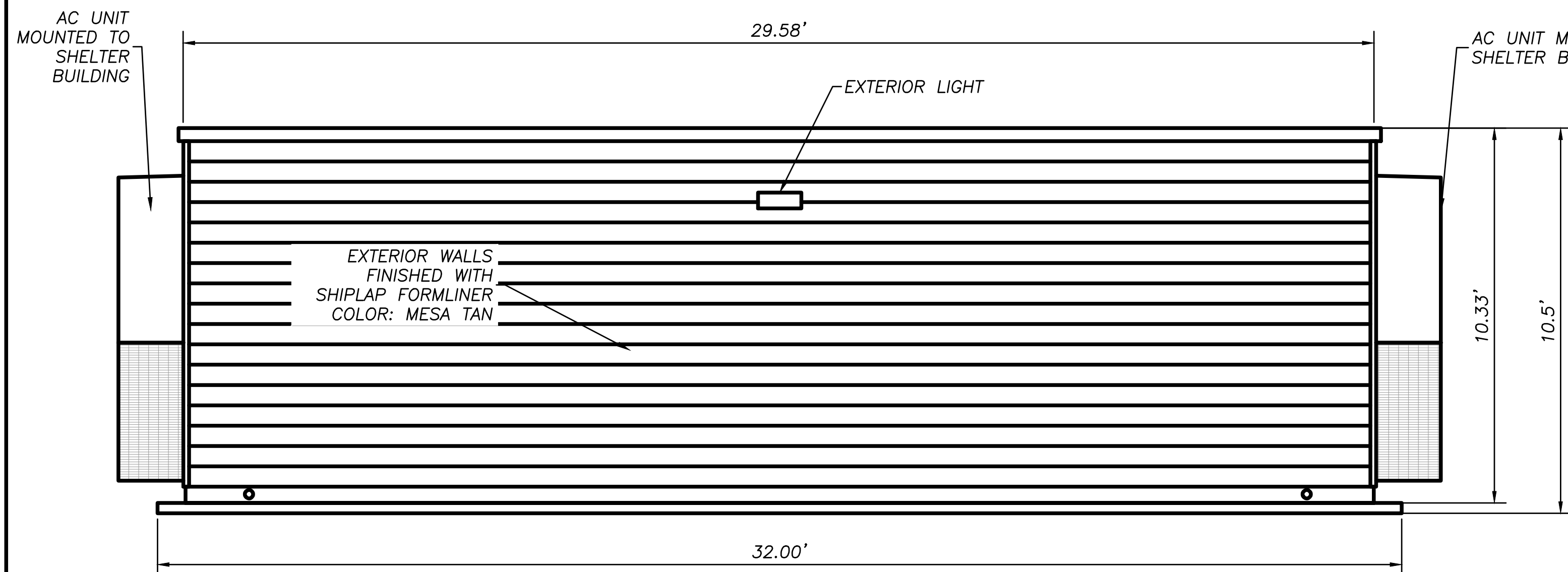
Mar 29, 2023 - 4:02pm Plotted By: Robert Vaccaro T:\032030\71.01.GF PHX HUT 114\DWG\Eng\Sheer\PHX HUT 104-SHIS-SITE-DTLS.dwg Layout: DETAILS



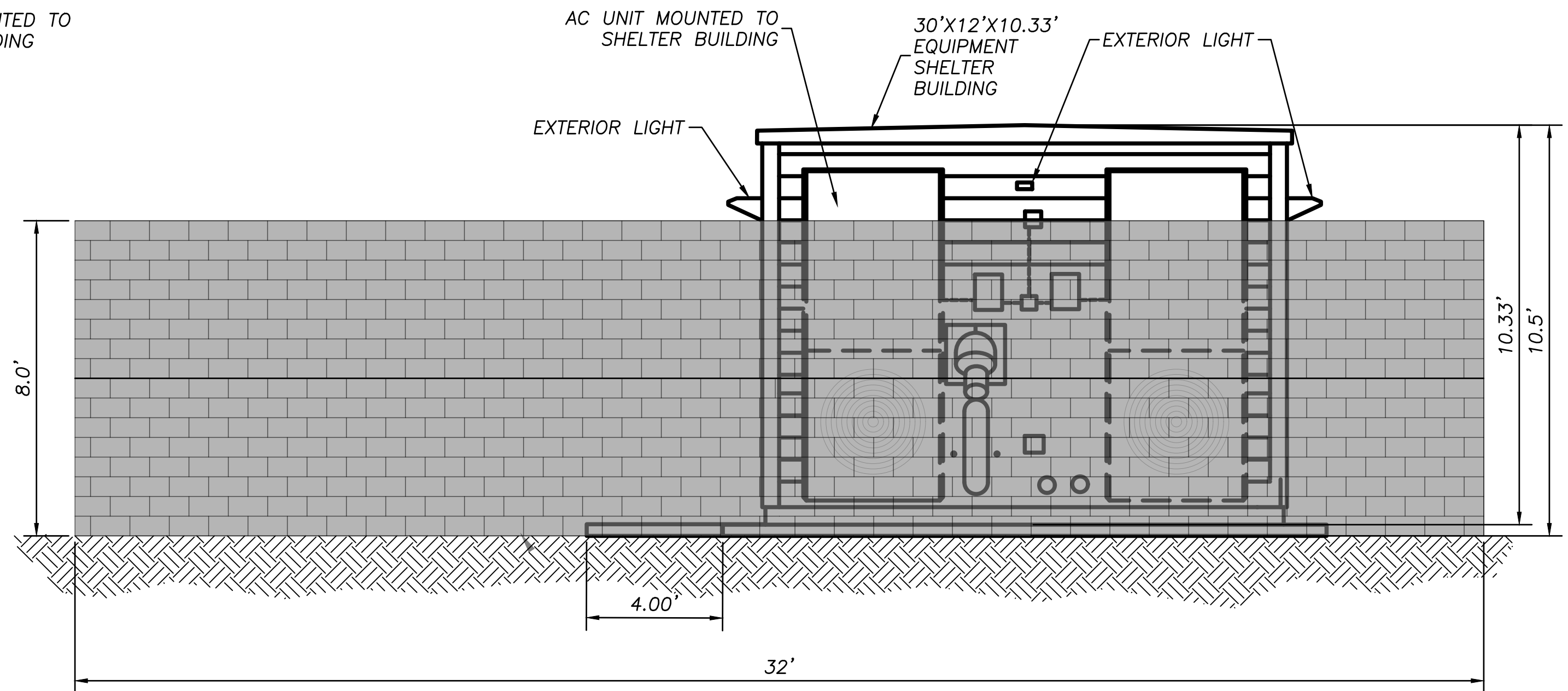
SOUTH ELEVATION



WEST ELEVATION



NORTH ELEVATION



EAST ELEVATION



EXISTING PROPERTY WALL TO MATCH



IMAGE OF EQUIPMENT SHELTER BUILDING

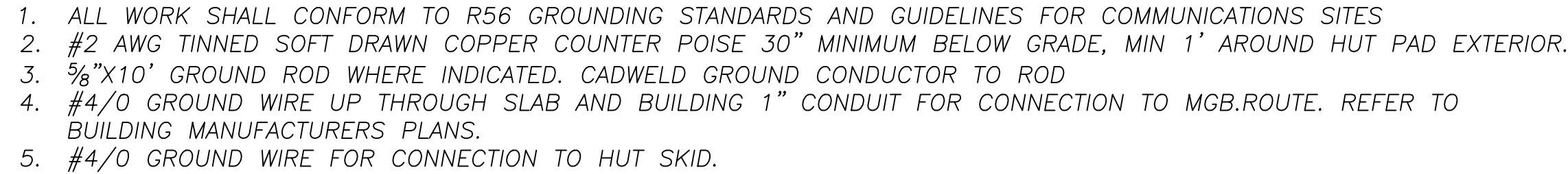
Rev.	Date	Description	By	App.
1	3/29/2023	ISSUED FOR BOA PERMIT REVISION 1	RSV	

BHC
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Prepared For:
GOOGLE FIBER INC.

GOOGLE FIBER HUT PHX 114
2024 E UNIVERSITY DR
MESA, AZ 85213
BOARD OF ADJUSTMENTS SUP
SITE IMPROVEMENT PLANS
ELEVATION PLAN

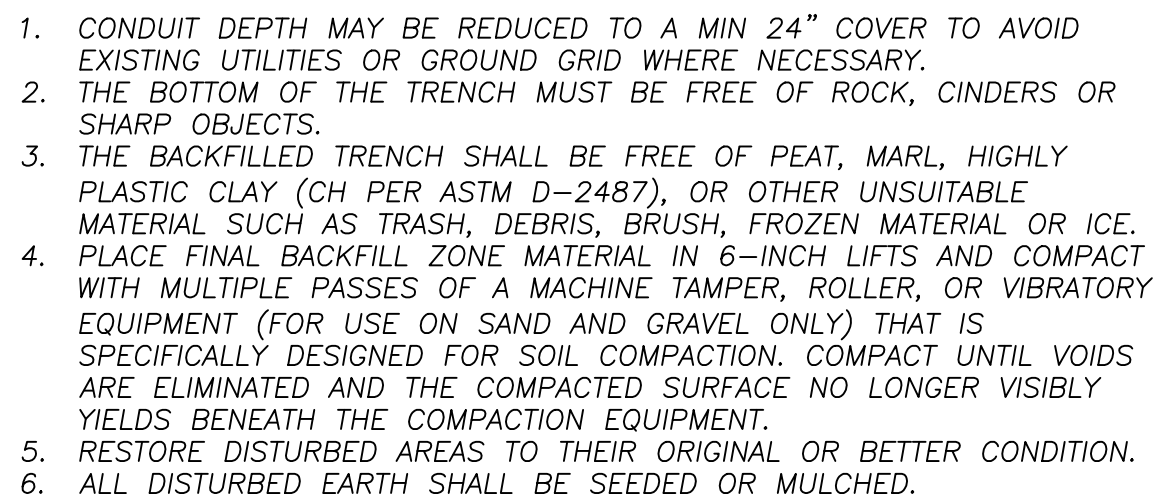
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Issue Date: 3/7/2023
Project No.: 032030.53.01



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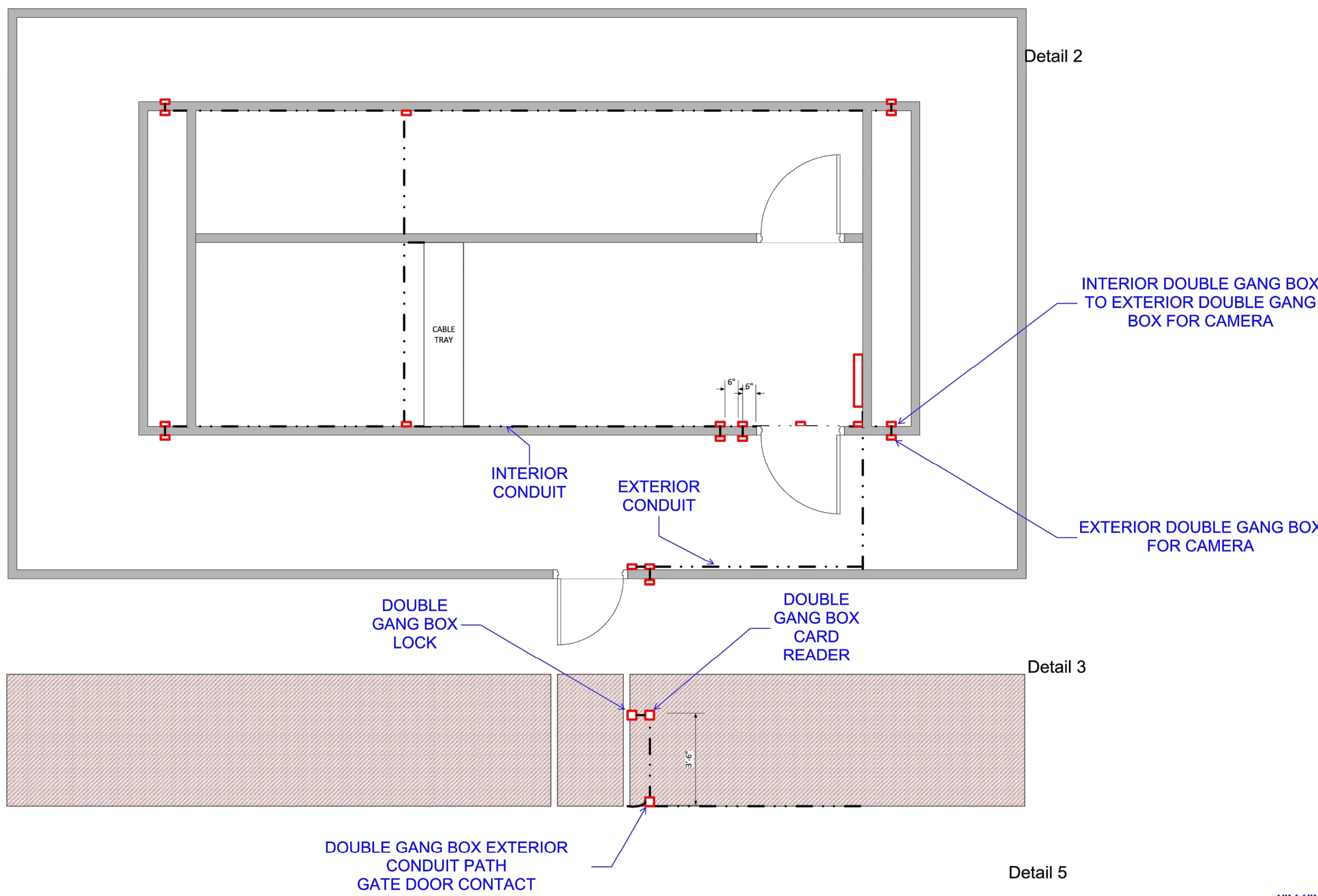
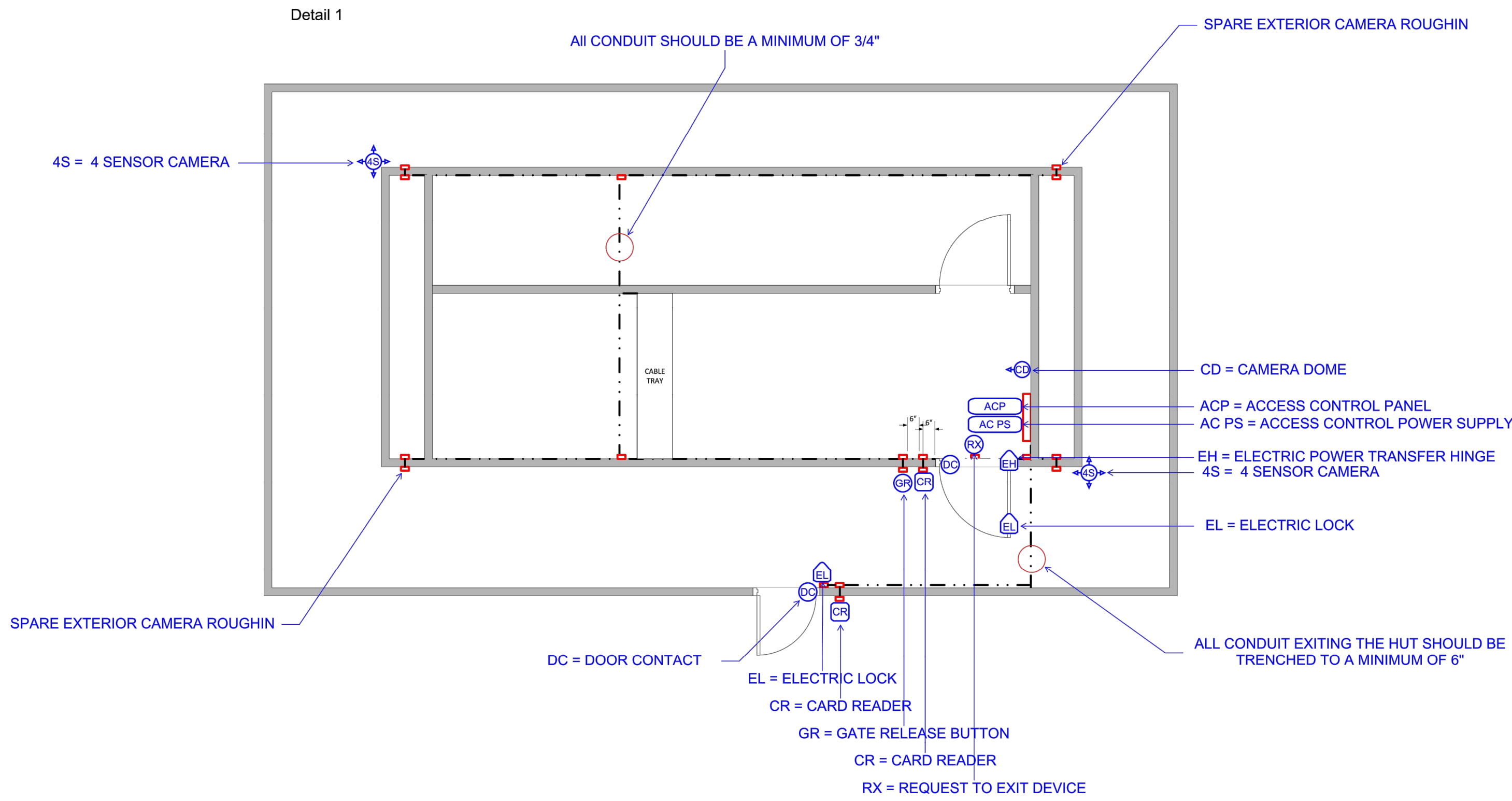
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D1.2

GOOGLE FIBER HUT SECURITY DESIGN VERSION 2



- Construction Keynotes

1. Drill hole in wall and install interior to exterior double gang box within 2' of each 4 of the corners for security cameras, (see Detail 2).
2. Drill hole in wall and install 2 interior to exterior double gang boxes for Exterior Card Reader and Exterior Gate Lock Release, (see Detail 2, 4 & 6).
3. Install 2 double gang boxes at gate, (interior of compound),
for Lock and Card Reader, connect using existing 2" conduit to
connect to shelter, (see Detail 2 & 3).
4. Install single gang box, (exterior of compound gate) for Card Reader,
(see Detail 2).
5. Install single gang box for Power Transfer Hinge, (see Detail 6).
6. Install single gang box for Request to Exit device, (see detail 6).
7. Install double gang box for Access Control Power Supply, (see Detail 5).
8. Connect all gang boxes, as per plan, with minimum 3/4" EMT conduit. Conduit
for cameras to be run to nearest cable tray, final connection to be made by
security vendor. Verify all dimensions and locations on site.

