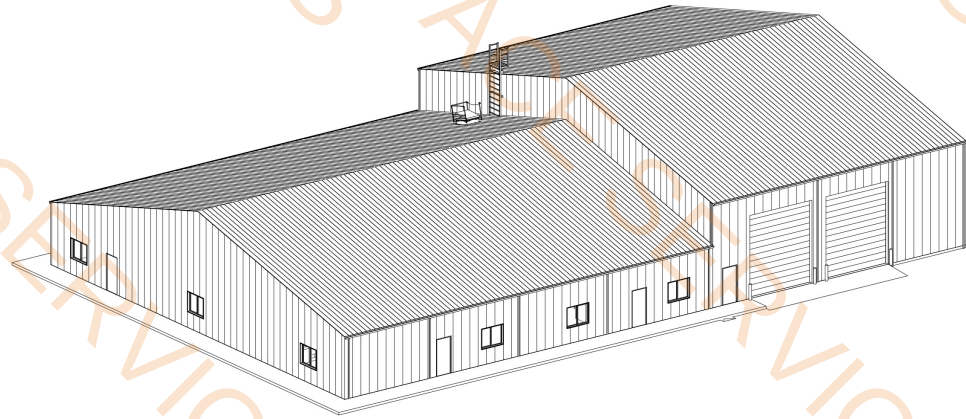


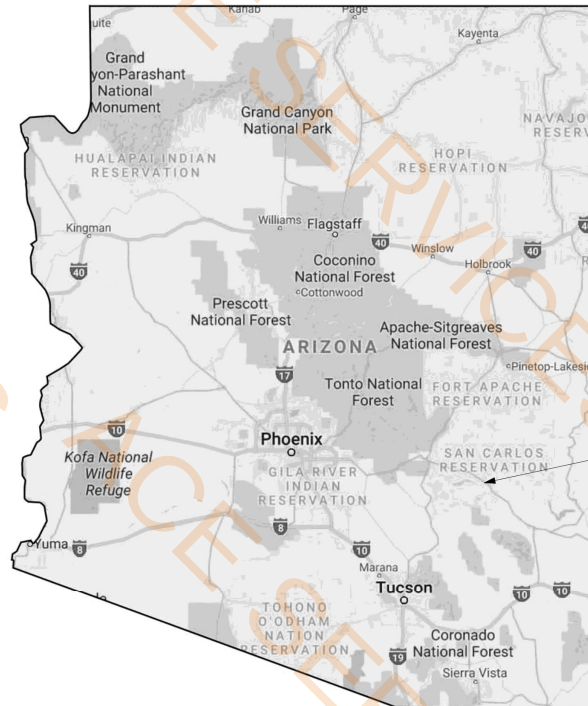


BYLAS FIRE & EMS STATION
SAN CARLOS APACHE TRIBE
SAN CARLOS APACHE INDIAN RESERVATION
GRAHAM COUNTY, BYLAS, ARIZONA

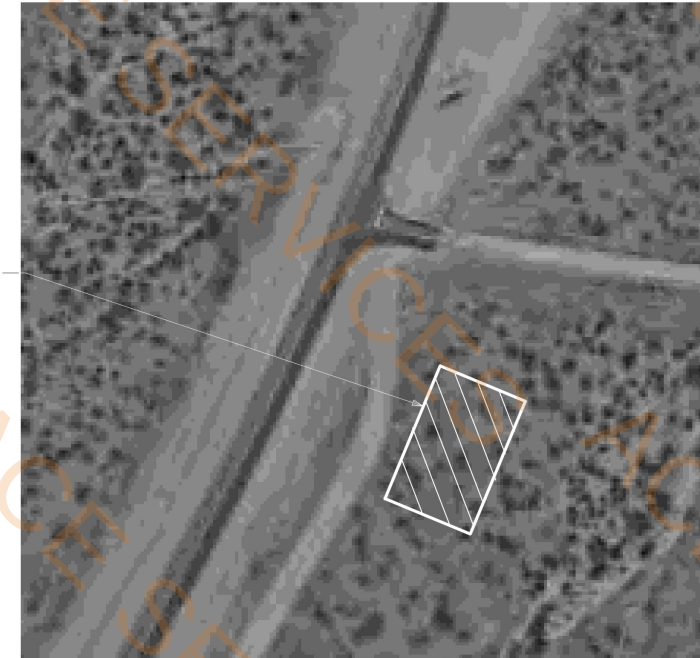
OCTOBER 23, 2020
NOVEMBER 22, 2024, REISSUE

IFC SUBMITTAL PACKAGE

STATE MAP



LOCATION MAP



PROJECT
LOCATION

BYLAS



PROJECT TEAM

ARCHITECTURAL/PLUMBING/MECHANICAL/ELECTRICAL

STRUCTURAL

CIVIL

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ROCK GAP
engineering

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WWW.ROCKGAP.COM

ISSUED FOR
CONSTRUCTION

REGISTRATION



CLIENT/PROJECT

BYLAS FIRE & EMS STATION
SAN CARLOS APACHE TRIBE
SAN CARLOS APACHE INDIAN RESERVATION
GRAHAM COUNTY, BYLAS, ARIZONA

ISSUE

0	10/1/24	IFC
A	11/22/24	IFC REISSUE

PROJECT NO:

CAD DWG FILE:

DRAWN BY:

CHECKED BY:

ROCK GAP ENGINEERING

PROJECT NO.

DATE:

SHEET TITLE

COVER SHEET

G-101



LEGEND:

- (R) RECORD BEARING and/or GRID DISTANCE
- (M) MEASURED BEARING and/or GRID DISTANCE
- (C) CALCULATED BEARING and/or GRID DISTANCE
- FOUND SURVEY MONUMENT, AS NOTED
- SET 1-1/2" ALUMINUM CAPPED PIN, RLS 13019
- CALCULATED POINT, NOTHING FOUND OR SET
- WATER VALVE
- POSSIBLE WATER MANHOLE
- UTILITY POLE
- GUY WIRE
- STREET SIGN
- REFLECTOR OR POST, AS NOTED
- EXISTING SPOT ELEVATION
- RIGHT OF WAY CENTERLINE LINE
- MISCELLANEOUS MATHEMATICAL TIE LINE
- BYLAS E.M.S. STATION PROPERTY LINE
- BLUESTAKED UNDERGROUND NATURAL GAS
- OVERHEAD UTILITY LINE(S)
- PAVEMENT STRIPE
- PAVEMENT
- DIRT ROAD

KEY NOTES:

- GENERATOR WILL BE UP-SIZE TO FULLY HANDLE THE BUILD PEAK LOAD
- WASTE MANAGEMENT AREA
- 77 L-FT CONCRETE VERTICAL CURB
- PROPOSED UNDERGROUND FIBER OPTIC SERVICE
- PROPOSED POWER CONNECTION
- GAS CONNECTION
- GATE
- PROPOSED ASPHALT CONCRETE PAVING SEE GEOTECHNICAL REPORT FOR RECOMMENDATIONS.
- PROPOSED PORTLAND CONCRETE PAVING, SEE STRUCTURAL PLANS FOR RECOMMENDATIONS.
- PROPOSED IMPROVE SURFACE, 3 INCH THICK, $d=3/4$ -1" COMPACTED CRUSHED ROCK
- INSTALL: 4,000 GAL. SEPTIC TANK, LEFT SIDED INLET AND RIGHT SIDED OUTLET, 3 OUTLETS DISTRIBUTION BOX.
- LEACH FIELD, 78 UNITS-ARC-36 HC CHAMBERS. SEE SEPTIC PLAN FOR DETAILS.
- ELECTRIC METER
- 6" WATER SERVICE LINE & METER, TO SPLIT AND PROVIDE 2-1/2" WATER SERVICE & 6" FIRE SUPPRESSION SYSTEM.
- INSTALL FIRE HYDRANT, 100 FT. DIP, 3 x 6" VALVE, 3 BOLLARDS PER IHS STANDARDS
- FIRE HYDRANT, 6" DIP TAPPING INTO 12" WATER MAIN
- PROPOSED WATER LINE CONNECTION, 6" PVC, CLASS 200 TAPPING INTO 12" WATER MAIN
- 100 FT-12" STEEL PIPE ENCASUREMENT FOR ROAD CROSSING. DIRECTIONAL BORING INSTALLATION PER BIA STANDARDS.
- PARKING, VISITORS AREA
- PARKING, EMPLOYEES AREA
- NEW POWER POLE, 3-50kVA TRANS BANK UTILITY
- 4" PVC ENCASUREMENT FOR TELECOM SERVICE
- SLIDING GATE
- 18" X 18" STOP EXIT ONLY DO NOT ENTER SIGN (K-2181)
- NEW 1" NATURAL GAS SERVICE LINE
- SECURITY FENCE, 8 FT. WROUGHT IRON FENCE WITH CURVE OUT TOP. SEE ARCHITECTURAL & VENDOR SPECIFICATIONS FOR INSTALLATION INFORMATION.
- INSTALL A 350 L-FT CONCRETE FLOOD-WALL FOUNDATION. REFER TO THE DETAILS ON PAGE CE-053 FOR SPECIFICATIONS.
- D=6" GROUTED RIP-RAP. SEE STANDARD DETAIL.
- A 9,800 SQFT AREA IN AN ACTIVE FLOOD ZONE; IT IS NOT RECOMMENDED TO PAVE OR BLOCK WASH DRAINAGE, AS THIS CREATES ADVERSE CONDITIONS DOWNSTREAM.
- KEEP 5 FT. SETBACK FROM ANY LEACH FIELD SEPTIC TRENCH, NO CONCRETE FOUNDATION OR STRUCTURE IS ALLOWED ON GROUND.
- 24 FT X-SECTION - 300 L-FT BIA-194 ROAD NEW PAVEMENT. PLEASE REFER TO THE GEOTECHNICAL REPORT FOR PAVEMENT STRUCTURE RECOMMENDATIONS AND SEE PAGE CE-053 FOR THE OFFICIAL BIA ROAD STANDARD DETAILS.
- OILS, SANDS, AND GREASE TRAP, SEE MECHANICAL AND ARCHITECTURAL PLANS FOR DETAILS.

DESIGNER/CONSULTANTS

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REGISTRATION

Professional Engineer
47810
CLAUDIA V. HUNT
Expires 03/31/2026

CLIENT/PROJECT

BYLAS FIRE & EMS STATION

SAN CARLOS APACHE TRIBE
SAN CARLOS APACHE INDIAN RESERVATION
GRAHAM COUNTY, BYLAS, ARIZONA

ISSUE

NO.	DATE	DESCRIPTION
0	10/23/20	IFC
1	03/26/24	GENERAL LAYOUT CHANGED
2	05/13/24	GENERATOR AND FENCE CHANGED
3	07/17/24	BIA-194 IMPROVEMENTS
4	10/04/24	GENERAL COMMENTS

PROJECT NO: 18-130-01

CAD DWG FILE: 18-130-01

DRAWN BY: ROCK GAP ENGINEERING

CHECKED BY: PROJECT NO. 18-130-01

DATE: OCTOBER 4, 2024

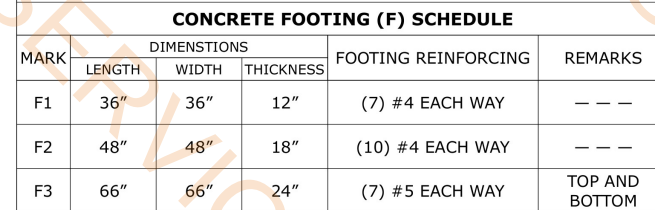
SHEET TITLE

SITE PLAN

CE-100

SHEET OF

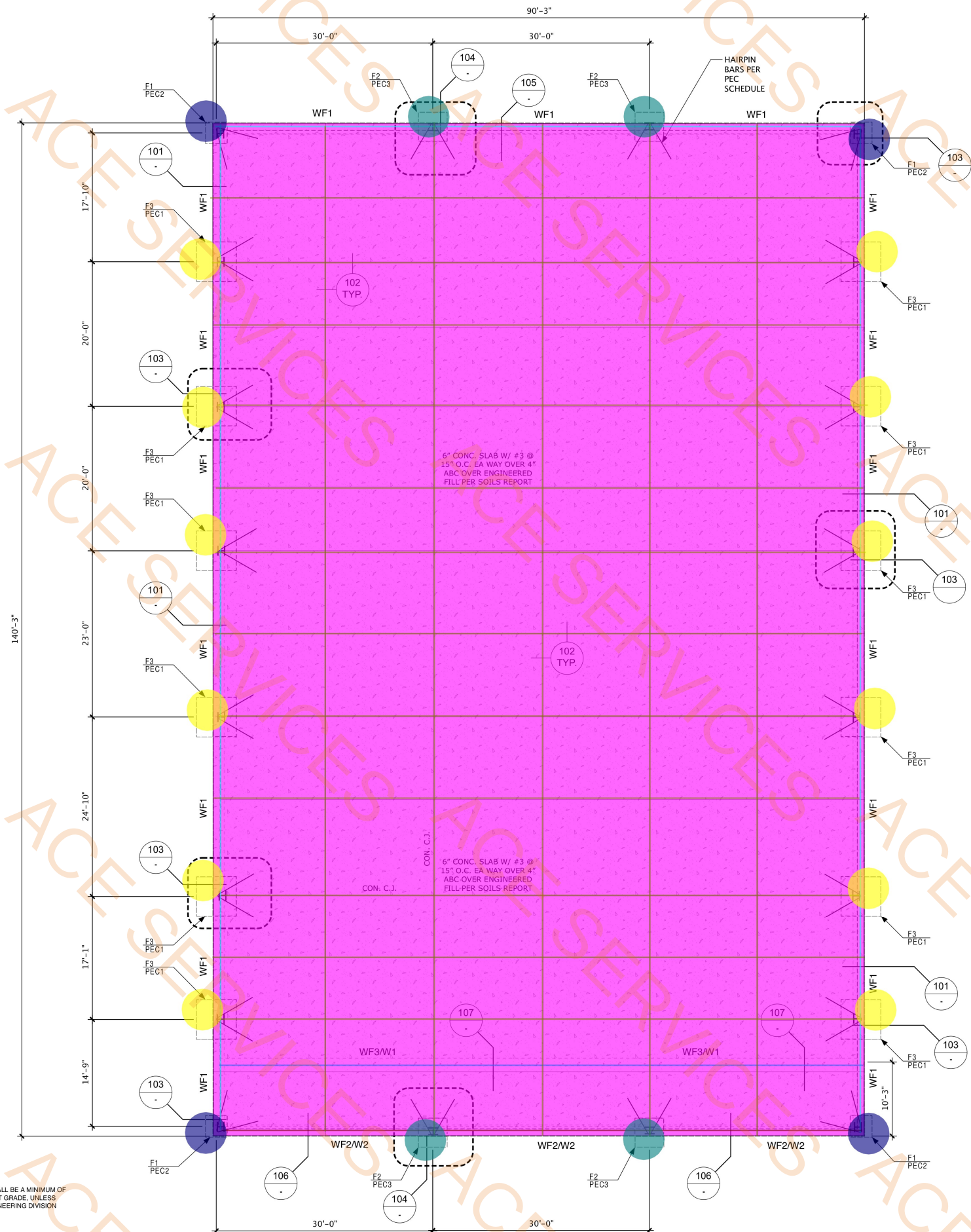
6" Thick Concrete Slab-3000PSI	12653.8 SQ FT
Wall Footing-WF1	367.9 FT
Wall Footing-WF2	88.7 FT
Wall Footing-WF3	89.2 FT
Control Joint	1775.1 FT
F1 Footing	4.0 EA
F3 Footing	12.0 EA
F2 Footing	4.0 EA



FOUNDATION NOTES

1. REFERENCE FINISH FLOOR ELEVATION: = PER ARCH'L
2. VERIFY ALL DIMENSION WITH ARCHITECTURAL PRIOR TO START OF CONSTRUCTION - RESOLVE ANY DISCREPANCY WITH ARCHITECT/DESIGNER. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS AT DOORS, WINDOWS AND DIMENSIONS NOT SHOWN.
3. ALL SCHEDULED LABELS CAN BE FOUND ON THIS SHEET - SCHEDULES ARE TYPICAL TO THE PROJECT.
4. FOR CLARITY EXTERIOR SLABS AND SIDEWALKS MAY NOT BE SHOWN. FOR EXACT DIMENSIONS, LOCATIONS AND SCORE LINES - SEE ARCHITECTURAL DRAWINGS.
5. THE DEPTH OF FOOTING INDICATED IN THE G.S.N. IS A MINIMUM. FOUNDATION CONTRACTOR SHALL COORDINATE WITH THE SOILS REPORT AND OTHER TRADES TO INSURE THAT THESE MINIMUMS ARE SUFFICIENT FOR THE WORK. SEE TYPICAL DETAILS FOR ADDITIONAL FOUNDATION REQUIREMENTS.
6. VERIFY EXACT LOCATION OF DEPRESSED, SLOPED AND/OR RAISED SLABS WITH THE ARCHITECTURAL

*NOTE
THE FINISHED FLOOR HEIGHT SHALL BE A MINIMUM OF
8" ABOVE THE HIGHEST ADJACENT GRADE, UNLESS
OTHERWISE NOTED BY THE ENGINEERING DIVISION



S102