

VERIZON WIRELESS GENERAL NOTES:

CONTRACTOR TO HAVE A VERIZON WIRELESS NTP IN HAND BEFORE COMMENCING ALL WORK.

CONTRACTOR MUST HAVE A VERIZON WIRELESS APPROVED M.O.P. IN HAND BEFORE COMMENCING ALL WORK.

PRIOR TO COMMENCING CONSTRUCTION, VERIZON WIRELESS SHALL SCHEDULE AN "ON-SITE" MEETING WITH ALL MAJOR PARTIES. THIS WOULD INCLUDE (THOUGH NOT LIMITED TO) THE GENERAL CONTRACTOR, VERIZON CONSTRUCTION MANAGER AND TOWER OWNER.

BEFORE THE COMMENCEMENT OF ANY WORK, THE CONTRACTOR WILL ASSIGN A PROJECT MANAGER WHO WILL ACT AS A SINGLE POINT OF CONTACT FOR ALL PERSONNEL INVOLVED IN THE PROJECT. THIS PROJECT MANAGER WILL DEVELOP A MASTER SCHEDULE FOR THE PROJECT WHICH WILL BE SUBMITTED TO VERIZON WIRELESS PRIOR TO THE COMMENCEMENT OF ANY WORK.

CONTRACTOR TO LOG INTO VERIZON WIRELESS SYSTEM PRIOR TO ENTERING SITE.

ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULE AND MATERIALS ACCESS, WITH THE RESIDENT LEASING AGENT FOR APPROVAL.

CONTRACTOR TO OBEY ALL REQUIRED WORK HOUR TIMES ACCORDING TO VERIZON WIRELESS, PROPERTY OWNER, PROPERTY LESSOR, AND OR JURISDICTION OR ENTRY. CONTRACTOR TO CONSULT OWNER FOR PREFERRED HOURS TO AVOID DISTURBING NORMAL BUSINESS OPERATIONS.

CONTRACTOR MUST OBEY AND OR PERFORM ALL ZONING STIPULATIONS AS REQUIRED BY THE JURISDICTION, VERIZON WIRELESS, AND OR PROPERTY OWNER.

GENERAL CONTRACTOR TO COMPLY WITH ALL VERIZON WIRELESS CONSTRUCTION INSTALLATION STANDARDS.

GENERAL NOTES:

ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE IN PERFORMANCE OF WORK SIMILAR TO THAT DESCRIBED HEREIN. BY ACCEPTANCE OF THIS ASSIGNMENT, THE CONTRACTOR IS ATTESTING THAT HE DOES HAVE SUFFICIENT EXPERIENCE AND ABILITY, THAT HE IS KNOWLEDGABLE OF THE WORK TO BE PERFORMED AND THAT HE IS PROPERLY LICENSED AND PROPERLY REGISTERED TO DO THIS WORK IN THE STATE OF ARIZONA.

THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. THE GENERAL CONTRACTOR MUST HAVE A SUPERINTENDANT ON SITE DURING THROUGHOUT ENTIRE CONSTRUCTION PROCESS.

CAUTION! CALL BEFORE YOU DIG! BURIED UTILITIES EXIST IN THE AREA AND UTILITY INFORMATION SHOWN MAY NOT BE COMPLETE. CONTACT THE ONE-CALL UTILITY LOCATE SERVICE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. 1-800-332-2344.

THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO MANUFACTURER'S/VENDOR'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.

ALL WORK PERFORMED ON THE PROJECT AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT THIS PROJECT AND RELATED WORK COMPLIES WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY CODES, REGULATIONS AND ZONING STIPULATIONS GOVERNING THIS WORK.

THE CONTRACTOR MUST HAVE A VALID PERMIT ON SITE AT ALL TIMES. THE CONTRACTOR WILL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.

CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING AND COORDINATING ALL INSPECTIONS.

GENERAL CONTRACTOR SHALL PROVIDE, AT THE PROJECT SITE, A FULL SET OF CONSTRUCTION DOCUMENTS UPDATED WITH THE LATEST REVISIONS AND ADDENDA OR CLARIFICATIONS FOR USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT. THIS SET IS A VALID CONTRACT DOCUMENT ONLY IF THE TITLE SHEET IS STAMPED "FOR CONSTRUCTION."

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL MEASUREMENTS AT THE SITE BEFORE ORDERING ANY MATERIALS OR DOING ANY WORK. NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED DUE TO DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE CONSTRUCTION DRAWINGS. ANY SUCH DISCREPANCY IN DIMENSIONS, WHICH MAY BE FOUND, SHALL BE SUBMITTED TO THE OWNER FOR CONSIDERATION BEFORE THE CONTRACTOR PROCEEDS WITH THE WORK IN THE AFFECTED AREAS.

THE CONTRACTOR, UPON VERBAL REQUEST FROM VERIZON WIRELESS SHALL PREPARE A WRITTEN PROPOSAL DESCRIBING THE CHANGES IN WORK OR MATERIALS AND ANY CHANGES IN THE CONTRACT AMOUNT AND PRESENT TO VERIZON WIRELESS FOR APPROVAL. SUBMIT REQUESTS FOR SUBSTITUTIONS IN THE FORM AND IN ACCORDANCE WITH PROCEDURES REQUIRED FOR CHANGE ORDER PROPOSALS. ANY CHANGES IN SCOPE OF WORK OR MATERIALS WHICH ARE PERFORMED BY THE CONTRACTOR WITHOUT WRITTEN CHANGE ORDER AS DESCRIBED SHALL PLACE FULL RESPONSIBILITY OF THESE ACTIONS ON THE CONTRACTOR.

DURING CONSTRUCTION, CONTRACTOR MUST ENSURE THAT EMPLOYEES AND SUBCONTRACTORS WEAR HARD HATS AT ALL TIMES. THE CONTRACTOR MUST COMPLY WITH ALL APPLICABLE OSHA REQUIREMENTS AND ALL CLIENTS SAFETY REQUIREMENTS.

PROVIDE DAILY UPDATES ON SITE PROGRESS, EITHER VERBAL OR WRITTEN.

COMPLETE INVENTORY OF CONSTRUCTION MATERIALS AND EQUIPMENT IS REQUIRED PRIOR TO START OF CONSTRUCTION.

CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.

CONTRACTOR TO DOCUMENT ALL WORK PERFORMED WITH PHOTOGRAPHS AND SUBMIT TO (COMPANY) ALONG WITH REDLINED CONSTRUCTION SET.

CONTRACTOR TO DOCUMENT ALL CHANGES MADE IN THE FIELD BY MARKING UP (REDLINING) THE APPROVED CONSTRUCTION SET AND SUBMITTING THE REDLINED SET TO (COMPANY) REPRESENTATIVE UPON COMPLETION.

CONTRACTOR SHALL KEEP GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, AND RUBBISH DAILY. CONTRACTOR SHALL REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY OR PREMISES. SITE SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.

ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE NEW AND OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ANY AND ALL SUBSTITUTIONS MUST BE PROPERLY APPROVED AND AUTHORIZED IN WRITING BY THE OWNER AND ENGINEER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF THE MATERIALS AND EQUIPMENT BEING SUBSTITUTED.

ALL MATERIALS MUST BE STORED IN A LEVEL AND DRY FASHION AND IN A MANNER THAT DOES NOT NECESSARILY OBSTRUCT THE FLOW OF OTHER WORK. ANY STORAGE METHOD MUST MEET ALL RECOMMENDATIONS OF THE ASSOCIATED MANUFACTURER.

ALL MATERIALS AND WORKMANSHIP SHALL BE WARRANTED FOR ONE YEAR FROM ACCEPTANCE DATE.

THE CONTRACTOR SHALL PROVIDE COMPANY WITH PROPER INSURANCE CERTIFICATES NAMING (COMPANY), AS ADDITIONAL INSURED, AND (COMPANY) PROOF OF LICENSE(S) AND PE & PD INSURANCE.

CONTRACTOR IS RESPONSIBLE FOR APPLICATION AND PAYMENT OF CONTRACTOR LICENSES AND BONDS.

STRUCTURAL STEEL NOTES:

1. THE FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AISC SPECIFICATION FOR MANUAL OF STEEL CONSTRUCTION, LRFD, 3RD EDITION.
2. UNLESS OTHERWISE NOTED, ALL STRUCTURAL ELEMENTS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
 - A. STRUCTURAL STEEL, ASTM DESIGNATION A36.
 - B. ALL BOLTS, ASTM A325 TYPE 1 GALVANIZED HIGH STRENGTH BOLTS.
 - C. ALL NUTS, ASTM A563 CARBON AND ALLOY STEEL NUTS.
 - D. ALL WASHERS, ASTM F436 HARDENED STEEL WASHERS.
 3. ALL CONNECTIONS NOT FULLY DETAILED ON THESE PLANS SHALL BE DETAILED BY THE STEEL FABRICATOR IN ACCORDANCE WITH AISC SPECIFICATION FOR MANUAL OF STEEL CONSTRUCTION, LRFD, 3RD EDITION.
 4. HOLES SHALL NOT BE FLAME CUT THROUGH STEEL UNLESS APPROVED BY THE ENGINEER.
 5. HOT-DIP GALVANIZE ALL ITEMS ULESS OTHERWISE NOTED, AFTER FABRICATION WHERE PRACTICABLE. GALVANIZING: ASTM A123, ASTM, A153/A153M OR ASTM A653/A653M, G90, AS APPLICABLE.
 6. REPAIR DAMAGED SURFACES WITH GALVANIZING REPAIR METHOD AND PAINT CONFORMING TO ASTM A780 OR BY APPLICATION OF STICK OR THICK PASTE MATERIAL SPECIFICALLY DESIGNED FOR REPAIR OF GALVANIZING. CLEAN AREAS TO BE REPAIRED AND REMOVE SLAG FROM WELDS. HEAT SURFACES TO WHICH STICK OR PASTE MATERIAL IS APPLIED, WITH A TORCH TO A TEMPERATURE SUFFICIENT TO MELT THE METALLICS IN STICK OR PASTE; SPREAD MOLTEN MATERIAL UNIFORMLY OVER SURFACES TO BE COATED AND WIPE OFF EXCESS MATERIAL.
 7. A NUT LOCKING DEVICE SHALL BE INSTALLED ON ALL PROPOSED AND/OR REPLACED BOLTS.
 8. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH TO EXCLUDE THE THREADS FROM THE SHEAR PLANE.
 9. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT BE AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.
 10. ALL ASSEMBLY AND ANCHOR BOLTS ARE TO BE TIGHTENED TO A "SNUG TIGHT" CONDITION AS DEFINED IN SECTION 8.1 OF THE AISC, "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", DATED JUNE 30, 2004.
 11. FLAT WASHERS ARE TO BE INSTALLED WITH BOLTS OVER SLOTTED HOLES.
 12. DO NOT OVER TORQUE ASSEMBLY BOLTS. GALVANIZING ON BOLTS, NUTS, AND STEEL PARTS MAY ACT AS A LUBRICANT, THUS OVER TIGHTENING MAY OCCUR AND MAY CAUSE BOLTS TO CRACK AND SNAP OFF.
 13. PAL NUTS ARE TO BE INSTALLED AFTER NUTS ARE TIGHT AND WITH EDGE UP OUT. PAL NUTS ARE NOT REQUIRED WHEN SELF-LOCKING NUTS ARE PROVIDED.
 14. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
 15. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AMERICAN WELDING SOCIETY (AWS) D1.1-98 STRUCTURAL WELDING CODE STEEL.

ROOFTOP NOTES:

IN THE CASE OF ROOFTOP SOLUTIONS FOR EQUIPMENT AND/OR ANTENNA FRAMES WHERE PENETRATION OF EXISTING ROOFING MATERIALS OCCUR, THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE FRP DESIGNER/FABRICATOR TO ENSURE THAT THE FINAL FRP SHROUD IS SIMULATING (IN APPEARANCE) DESIGNATED EXISTING EXTERIOR BUILDING FACADE MATERIALS, TEXTURES, AND COLORS. THE CONTRACTOR SHALL FURTHERMORE ENSURE THE USE OF COUNTERSUNK FASTENERS IN ALL FRP CONSTRUCTION. WHEN PHOTOSIMULATIONS ARE PROVIDED, THE CONTRACTOR SHALL ENSURE THAT FINAL CONSTRUCTION REPRESENTS WHAT IS INDICATED IN PHOTOSIMULATION. SHOP DRAWINGS SHALL BE PROVIDED TO THE GENERAL CONTRACTOR, CONSTRUCTION COORDINATOR, AND ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION.

IN THE CASE OF ROOFTOP SOLUTIONS FOR EQUIPMENT AND/OR ANTENNA FRAMES WHERE ANCHORING TO A CONCRETE ROOF SLAB IS REQUIRED, CONTRACTORS SHALL CONFIRM (PRIOR TO SUBMITTING BID) WITH CONSULTING CONSTRUCTION COORDINATOR AND ARCHITECT THE PRESENCE OF POST TENSION TENDONS WITHIN THE ROOF SLAB RESULTING FROM AN UNDOCUMENTED DESIGN CHANGE IN THE EXISTING BUILDING "AS-BUILT DRAWING SET" - HAVING INDICATED AN ORIGINAL DESIGN SOLUTION OF REINFORCED CONCRETE W/ EMBEDDED STEEL REBAR. IN THE EVENT POST TENSION SLAB SOLUTION IS PRESENT, CONTRACTOR SHALL INCLUDE PROVISIONS FOR X-RAY PROCEDURES (INCLUDED IN BID) FOR ALL PENETRATION AREAS WHERE ANCHORING OCCURS.

verizon

PHO TWELVE OAKS

360 S. TWELVE OAKS BLVD.
CHANDLER, AZ 85226



PROJECT PHOTO

SHEET INDEX

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PROJECT TEAM

CLIENT

VERIZON WIRELESS
126 W GEMINI DR
TEMPE AZ 85283
CONTACT:
MARC BRAWLEY
PHONE: 602-679-5511

CIVIL ENGINEER

ISE INCORPORATED
PO BOX 50039
PHOENIX, AZ 85076
CONTACT: GLEN HUNT
PHONE: 602-403-8614

PROPERTY OWNER

KYRENE DEL PUEBLO
MIDDLE SCHOOL
8700 S KYRENE RD
TEMPE AZ 85284
CONTACT: MASON MEADE
PHONE: 480-541-1605

TOWER OWNER

VERIZON WIRELESS
126 W GEMINI DR
TEMPE AZ 85283

DESIGNER

P+S CONSULTING LLC
2036 N GILBERT RD
STE 2-A33
MESA AZ 85203
CONTACT:
STEPHEN PHILLIPS
PHONE: 602-904-2108

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF THE REMOVAL OF AN EXISTING FAUX FLAGPOLE WITH THE ADDITION OF A NEW MONOPALM AND THE ADDITION OF 9 NEW ANTENNAS, 9 RRH'S, 6 COMBINERS, AND 1 OWP TO NEW MONOPALM, AS WELL AS THE ADDITION OF 1 NEW FLAGPOLE AND 3 NEW 25' TALL PALM TREES.

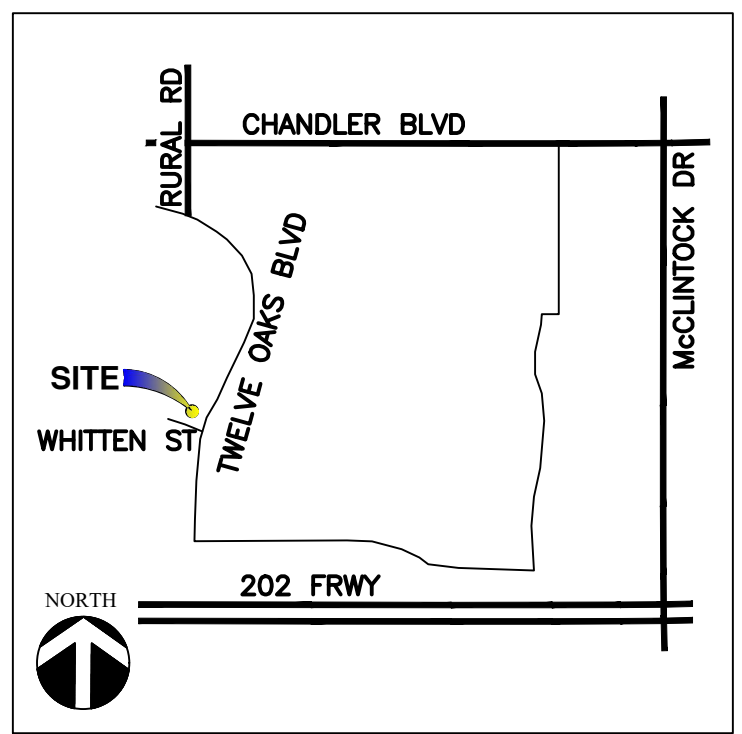
PROJECT INFORMATION

LESSEE	VERIZON
JURISDICTION	CITY OF CHANDLER
PARCEL NUMBER	301-88-003B
ZONING	SC
BUILDING CODES	2018 IBC 2017 NEC 2018 IFC 2018 IMC
LATITUDE	33°17'43.463"N
LONGITUDE	111°55'43.990"W
NEW LEASE AREA	400 S.F.

PROJECT DIRECTIONS

FROM 126 W. GEMINI DR., TEMPE -- TRAVEL SOUTH ON ASH AVE. TO GUADALUPE AND TURN EAST ONTO GUADALUPE RD. TURN RIGHT ONTO RURAL RD. AND TRAVEL APPROX. 4 MILES TO TWELVE OAKS BLVD. TURN LEFT ONTO TWELVE OAKS BLVD. SITE WILL BE ON THE NORTHWEST CORNER OF WHITTEN ST. AND TWELVE OAKS BLVD.

VICINITY MAP



verizon

126 W GEMINI DR
TEMPE, AZ 85283



ISE Incorporated
Structural Engineers

P.O. BOX 50039
Phoenix, Arizona 85076
PHONE: 602-403-8614
www.ise-inc.biz

PROPRIETARY INFORMATION

THE INFORMATION CONTAINED IN THIS SET OF DRAWINGS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THIS PROJECT IS STRICTLY PROHIBITED WITHOUT THE WRITTEN CONSENT OF P+S CONSULTING LLC

DRAWN BY:	CHK:	APV:
SP	SCP	SCP

SITE NAME & ADDRESS:
PHO TWELVE OAKS
360 S TWELVE OAKS BLVD
CHANDLER, AZ 85226

ISSUE STATUS:

△	DATE:	DESCRIPTION:
A	04/02/21	ISSUE FOR CLIENT REVIEW
B	05/07/21	ISSUE FOR 95% REVIEW
C	06/15/21	NEW MONOPINE LOCATION
O	07/06/21	ISSUE FOR SUBMITTAL
1	11/10/21	JURISDICTION COMMENTS

SHEET TITLE:

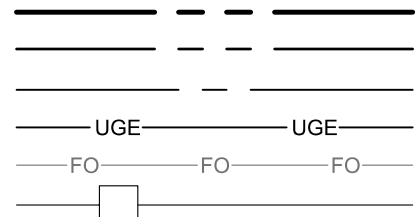
TITLE AND
INFORMATION

SHEET NUMBER:

T-1



- | | |
|---|----------------------------------|
|  | BRASS CAP FLUSH (BCFL) |
|  | BRASS CAP IN HANDHOLE (BCHH) |
|  | ELECTRICAL PULL BOX |
|  | ELECTRICAL TRANSFORMER |
|  | ELECTRIC METER |
|  | ELECTRIC SWITCH |
|  | FIBER VAULT |
|  | TELEPHONE PEDESTAL |
|  | LIGHT POST |
|  | STREET LIGHT W/ MAST ARM |
|  | FIRE HYDRANT |
|  | WATER VALVE |
|  | WATER METER |
|  | BACKFLOW PREVENTER |
|  | IRRIGATION CONTROL VALVE |
|  | STORM DRAIN GRATE |
|  | DRY WELL |
|  | BUSH |
|  | DECIDUOUS TREE |
|  | POSITION OF GEODETIC COORDINATES |
|  | PROPERTY LINE |
|  | RIGHT-OF-WAY LINE |
|  | CENTERLINE |
|  | U/G ELECTRIC LINE |
|  | U/G FIBER OPTIC LINE |
|  | IRON FENCE |
|  | POINT OF BEGINNING |
|  | POINT OF COMMENCEMENT |



SURVEYOR NOTES

1. ALL TITLE INFORMATION IS BASED UPON A COMMITMENT FOR TITLE INSURANCE PREPARED BY PIONEER TITLE AGENCY INC., ORDER NO.: 90704125 EFFECTIVE DATE: 06/07/21.
2. SURVEYOR HAS NOT PERFORMED A SEARCH OF PUBLIC RECORDS TO DETERMINE ANY DEFECT IN TITLE.
3. THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PROPERTY.
4. SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO CONTACT BLUE STAKE AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. REMOVAL, RELOCATION AND/OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.

LESSOR'S LEGAL DESCRIPTION (APN 301-89-001C)

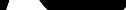
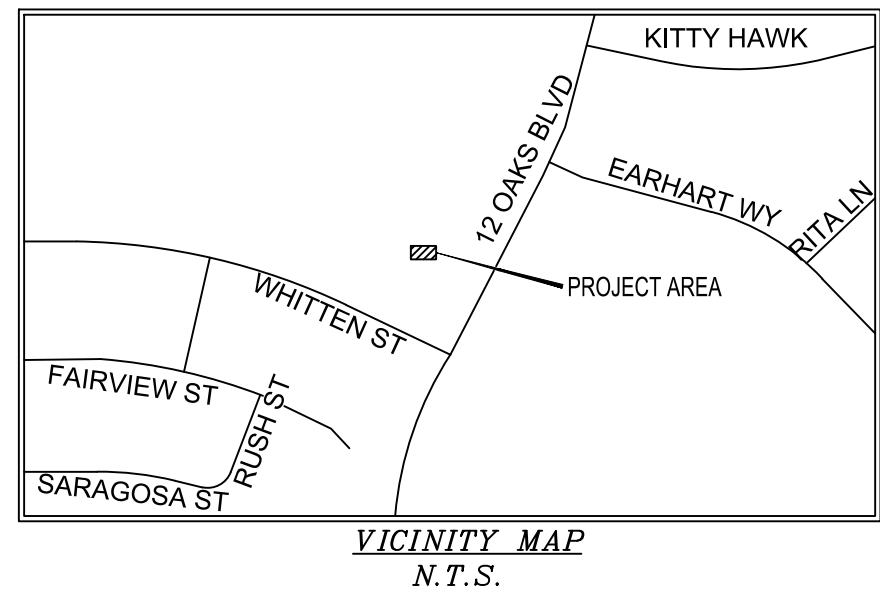
THAT PART OF THE SOUTHWEST QUARTER OF SECTION 35 AND THE SOUTHEAST QUARTER OF SECTION 34, TOWNSHIP 1 SOUTH, RANGE 4 EAST OF THE GILA AND SALT RIVER BASE & MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE WEST QUARTER CORNER OF SAID SECTION 35; THENCE NORTH 89° 59' 00" EAST ALONG THE NORTH LINE OF SAID SOUTHWEST QUARTER OF SAID SECTION 35, A DISTANCE OF 516.02 FEET; THENCE SOUTH 30° 35' 09" WEST A DISTANCE OF 134.69 FEET TO THE BEGINNING OF A CIRCULAR CURVE, THE CENTER OF WHICH BEARS SOUTH 59° 24' 51" EAST A DISTANCE OF 633.00 FEET THEREFROM; THENCE SOUTHERLY ALONG SAID CURVE A DISTANCE OF 191.41 FEET AND THROUGH A CENTRAL ANGLE OF 17° 19' 32" TO A POINT OF TANGENCY; THENCE SOUTH 13° 15' 37" WEST A DISTANCE OF 313.30 FEET TO THE BEGINNING OF A CIRCULAR CURVE, THE CENTER OF WHICH BEARS NORTH 16° 48' 23" WEST A DISTANCE OF 1067.00 FEET THEREFROM; THENCE SOUTHERLY ALONG SAID CURVE A DISTANCE OF 231.69 FEET AND THROUGH A CENTRAL ANGLE OF 13° 44' 23" TO A POINT OF TANGENCY; THENCE SOUTH 27° 00' 00" WEST A DISTANCE OF 407.20 FEET TO THE POINT OF BEGINNING OF A CIRCULAR CURVE, THE CENTER OF WHICH BEARS SOUTH 72° 00' 00" WEST A DISTANCE OF 28.28 FEET; THENCE NORTH 63° 00' 00" WEST A DISTANCE OF 56.07 FEET TO A POINT ON THE WEST LINE OF THE EAST 52.47 FEET OF SAID SOUTHEAST QUARTER OF SECTION 34, A THENCE NORTH 00° 46' 05" WEST ALONG SAID WEST LINE A DISTANCE OF 1161.06 FEET TO A POINT ON THE NORTH LINE OF SAID SOUTHEAST QUARTER OF SECTION 34; THENCE SOUTH 89° 59' 24" EAST ALONG SAID NORTH LINE A DISTANCE OF 52.47 FEET TO THE POINT OF BEGINNING.

FLOOD ZONE DESIGNATION

THE PROPOSED LEASE PREMISES SHOWN HEREON APPEAR TO BE WITHIN FLOOD ZONE "X" AS DELINEATED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FIRM MAP NO. 04013C2720L DATED 10/16/13.

FLOOD ZONE "X" IS DEFINED AS: AN AREA INUNDATED BY 0.2% ANNUAL CHANCE FLOODING.



126 W. GEMINI DR.
TEMPE, AZ 85283

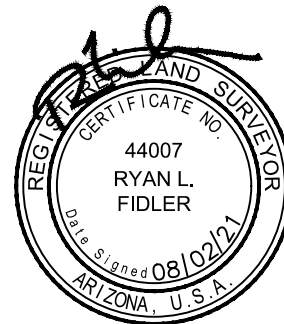


P+S Consulting
Always here when you need us

FIELD BY:	CEF
DRAWN BY:	GAC
CHECKED BY:	RLF

REVISIONS

2	08/02/21	ADD EASEMENT
1	07/02/21	FINAL
0	06/24/21	PRELIMINARY
NO.	DATE	DESCRIPTION



REUSE OF DOCUMENT
THE IDEAS & DESIGN INCORPORATED HEREON, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF RLF CONSULTING, LLC & IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT WRITTEN AUTHORIZATION OF RLF CONSULTING, LLC.

PROJECT No.

14003056

SITE NAME:
PHO TWELVE OAKS

SITE ADDRESS:
360 S TWELVE OAKS BLVD
CHANDLER, AZ 85226

SHEET TITLE:

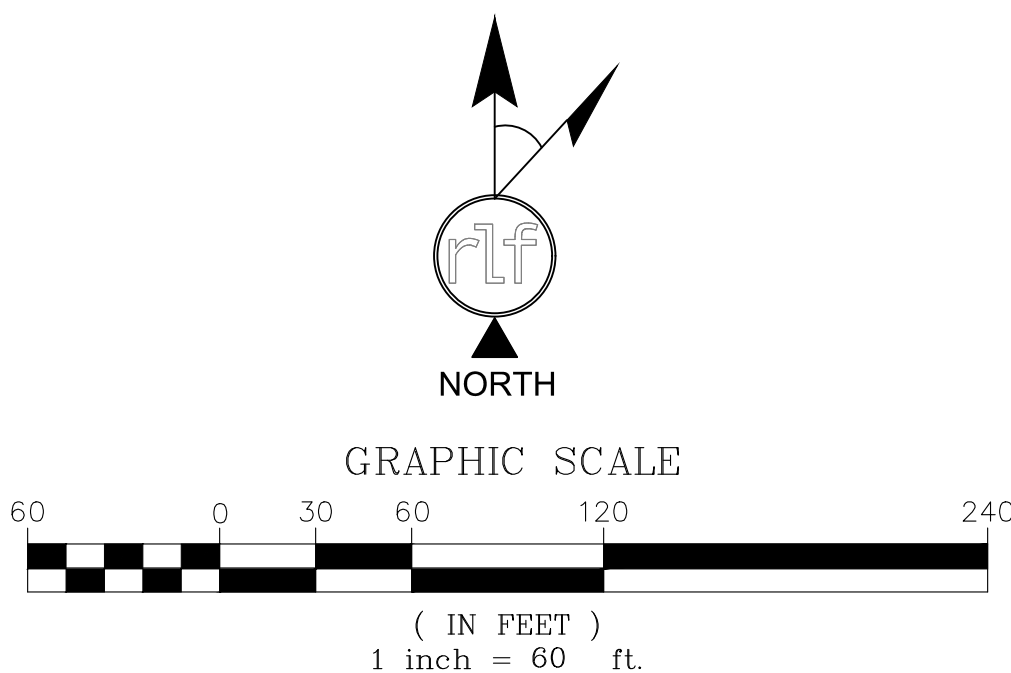
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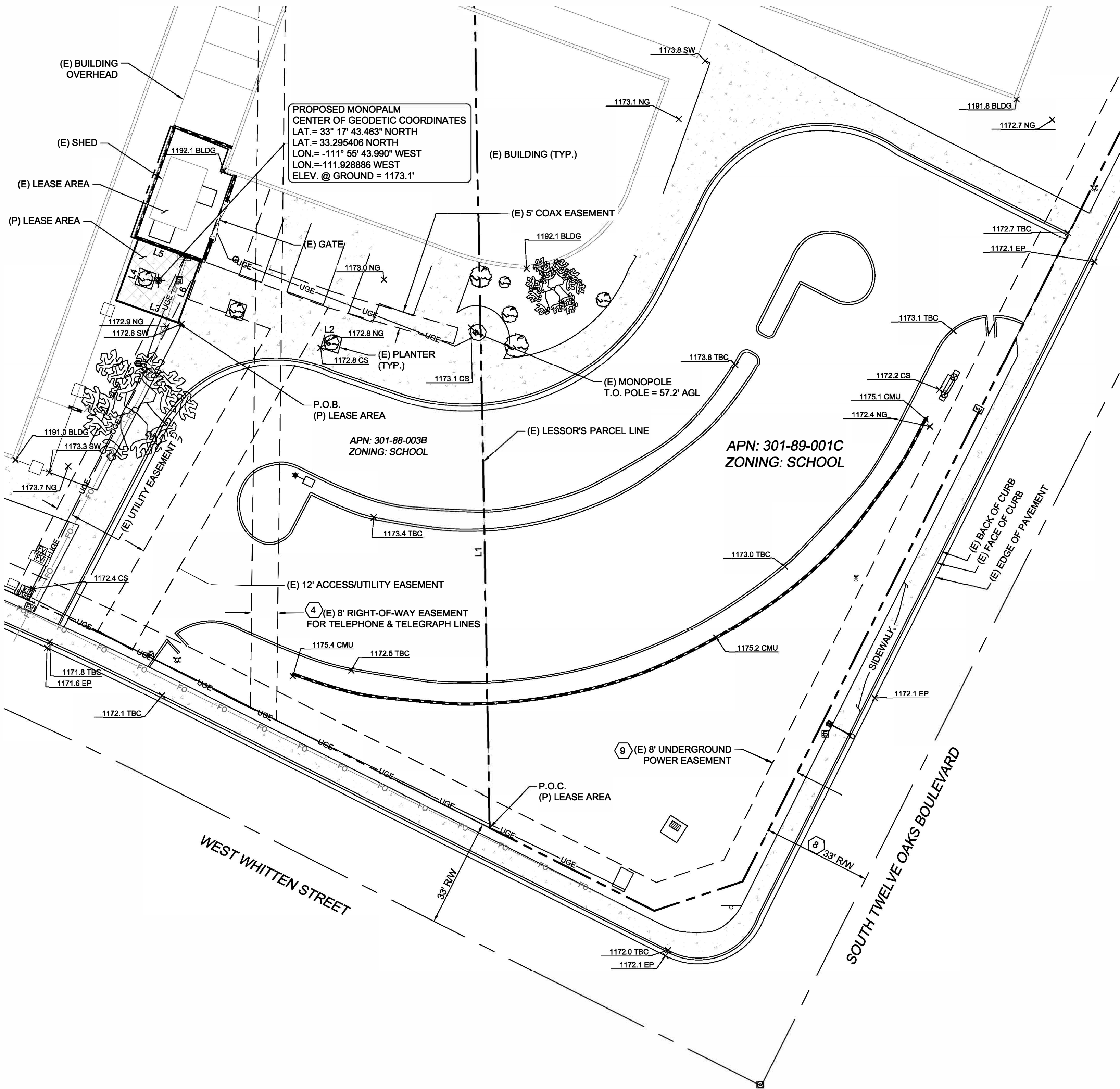
SHEET NO.

LS-1

REVISION:

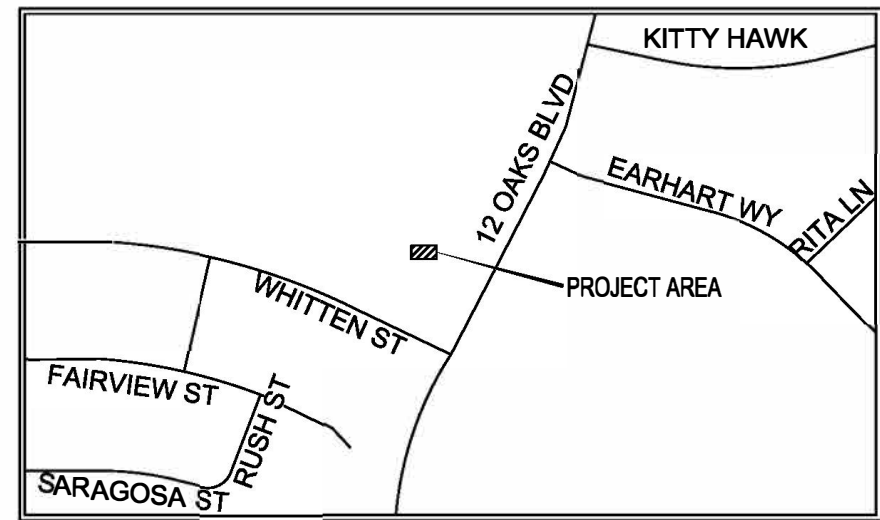
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LEGEND

- BRASS CAP FLUSH (BCFL)
- BRASS CAP IN HANDHOLE (BCHH)
- ELECTRICAL PULL BOX
- ELECTRICAL TRANSFORMER
- ELECTRIC METER
- ELECTRIC SWITCH
- FIBER VAULT
- TELEPHONE PEDESTAL
- LIGHT POST
- STREET LIGHT W/ MAST ARM
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- POSITION OF GEODETIC COORDINATES
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- CENTERLINE
- UG ELECTRIC LINE
- UG FIBER OPTIC LINE
- IRON FENCE
- POB POINT OF BEGINNING
- POC POINT OF COMMENCEMENT



LINE TABLE		
LINE	LENGTH	BEARING
L1	153.51	N1° 02' 53"W
L2	91.94	N90° 00' 00"W
L3	20.00	N70° 12' 10"W
L4	20.00	N19° 47' 50"E
L5	20.00	S70° 12' 10"E
L6	20.00	S19° 47' 50"W

LESSEE LEASE AREA LEGAL DESCRIPTION

A PORTION OF THE PROPERTY DESCRIBED IN THE WARRANTY DEED RECORDED AT RECEPTION NO. 84-126672 OF MARICOPA COUNTY RECORDS, RECORDED IN THE OFFICE OF THE CLERK OF SAID COUNTY ON MARCH 27, 1984, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID PROPERTY; THENCE ALONG THE EAST LINE OF SAID PROPERTY NORTH 01°02'53" WEST, 153.51 FEET; THENCE DEPARTING SAID EAST LINE SOUTH 90°00'00" WEST, 91.94 FEET TO THE POINT OF BEGINNING;

THENCE NORTH 70°12'10" WEST, 20.00 FEET; THENCE NORTH 19°47'50" EAST, 20.00 FEET; THENCE SOUTH 70°12'10" EAST, 20.00 FEET; THENCE SOUTH 19°47'50" WEST, 20.00 FEET TO THE POINT OF BEGINNING.

EXISTING ACCESS & UTILITY & COAX EASEMENT LEGAL DESCRIPTION

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 34, TOWNSHIP 1 SOUTH, RANGE 4 EAST, OF THE GILA & SALT RIVER BASE & MERIDIAN, MARICOPA COUNTY, ARIZONA, BEING A 12.00 FOOT WIDE ACCESS AND UTILITY EASEMENT, LYING 6.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT A FOUND BRASS CAP IN HAND HOLE AT THE INTERSECTION OF WHITTEN STREET AND TWELVE OAKS BOULEVARD;

THENCE NORTH 26°46'04" EAST, ALONG THE CENTERLINE OF TWELVE OAKS BOULEVARD, 175.61 FEET; THENCE NORTH 63°13'56" WEST, DEPARTING THE CENTERLINE OF TWELVE OAKS BOULEVARD, 261.95 FEET TO THE POINT OF BEGINNING;

THENCE SOUTH 19°47'50" WEST, 25.39 FEET TO A POINT HEREINAFTER REFERRED TO AS POINT "A"; THENCE CONTINUING SOUTH 19°47'50" WEST, 8.50 FEET; THENCE SOUTH 70°12'05" EAST, 27.65 FEET; THENCE SOUTH 29°49'33" WEST, 112.85 FEET TO THE POINT OF TERMINUS ON THE NORTH RIGHT-OF-WAY LINE OF SAID WHITTEN STREET;

AND TOGETHER WITH A 5.00 FOOT WIDE COAX EASEMENT, LYING 2.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING AT SAID POINT "A";

THENCE SOUTH 70°12'05" EAST, 34.72 FEET; THENCE SOUTH 73°52'21" EAST, 39.61 FEET TO THE POINT OF TERMINUS.

EXISTING LEASE AREA LEGAL DESCRIPTION

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 34, TOWNSHIP 1 SOUTH, RANGE 4 EAST, OF THE GILA & SALT RIVER BASE & MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND BRASS CAP IN HAND HOLE AT THE INTERSECTION OF WHITTEN STREET AND TWELVE OAKS BOULEVARD; THENCE NORTH 26°46'04" EAST ALONG THE CENTERLINE OF TWELVE OAKS BOULEVARD, 175.61 FEET; THENCE NORTH 63°13'56" WEST, DEPARTING THE CENTERLINE OF TWELVE OAKS BOULEVARD, 261.95 FEET; THENCE NORTH 70°12'10" WEST, 6.00 FEET TO THE POINT OF BEGINNING;

THENCE SOUTH 19°47'50" WEST 27.85 FEET; THENCE NORTH 70°12'10" WEST, 22.88 FEET; THENCE NORTH 19°47'50" EAST, 35.69 FEET; THENCE SOUTH 68°15'41" EAST 18.85 FEET; THENCE SOUTH 19°52'14" WEST, 7.18 FEET; THENCE SOUTH 70°27'46" EAST, 4.00 FEET TO THE POINT OF BEGINNING.

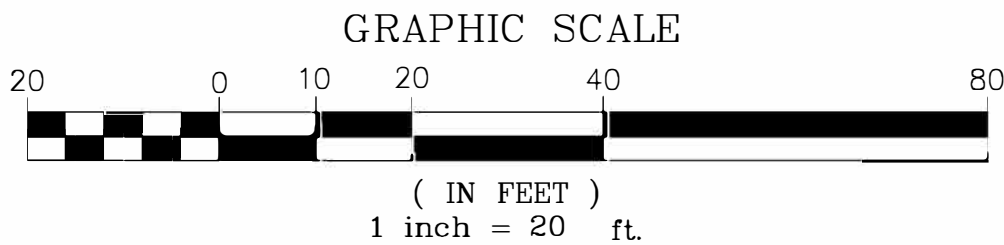
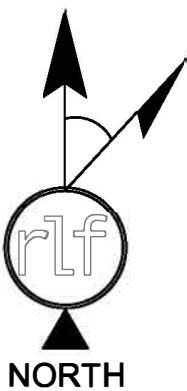
EXISTING UTILITY EASEMENT LEGAL DESCRIPTION

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 34, TOWNSHIP 1 SOUTH, RANGE 4 EAST, OF THE GILA & SALT RIVER BASE & MERIDIAN, MARICOPA COUNTY, ARIZONA, BEING A 5.00 FOOT WIDE UTILITY EASEMENT, LYING 5.00 FEET WESTERLY OF THE FOLLOWING DESCRIBED LINE:

COMMENCING AT A FOUND BRASS CAP IN HAND HOLE AT THE INTERSECTION OF WHITTEN STREET AND TWELVE OAKS BOULEVARD;

THENCE NORTH 26°46'04" EAST, ALONG THE CENTERLINE OF TWELVE OAKS BOULEVARD, 175.61 FEET; THENCE NORTH 63°13'56" WEST, DEPARTING THE CENTERLINE OF TWELVE OAKS BOULEVARD, 261.95 FEET; THENCE NORTH 70°12'10" WEST, 6.00 FEET; THENCE SOUTH 19°47'50" WEST, 27.85 FEET; THENCE NORTH 70°12'10" WEST, 0.34 FEET TO THE POINT OF BEGINNING;

THENCE SOUTH 26°57'22" WEST, 115.43 FEET TO THE POINT OF TERMINUS ON THE NORTH RIGHT-OF-WAY LINE OF WHITTEN STREET.



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CEF

DRAWN BY:

GAC

CHECKED BY:

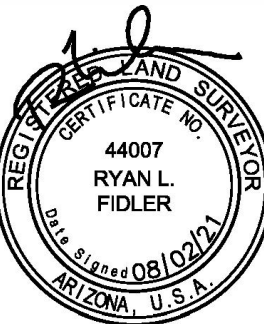
RLF

REVISIONS

NO.	DATE	DESCRIPTION
2	08/02/21	ADD EASEMENT
1	07/02/21	FINAL
0	06/24/21	PRELIMINARY



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PROJECT No.

14003056

SITE NAME:

PHO TWELVE OAKS

SITE ADDRESS:

360 S TWELVE OAKS BLVD
CHANDLER, AZ 85226

SHEET TITLE:

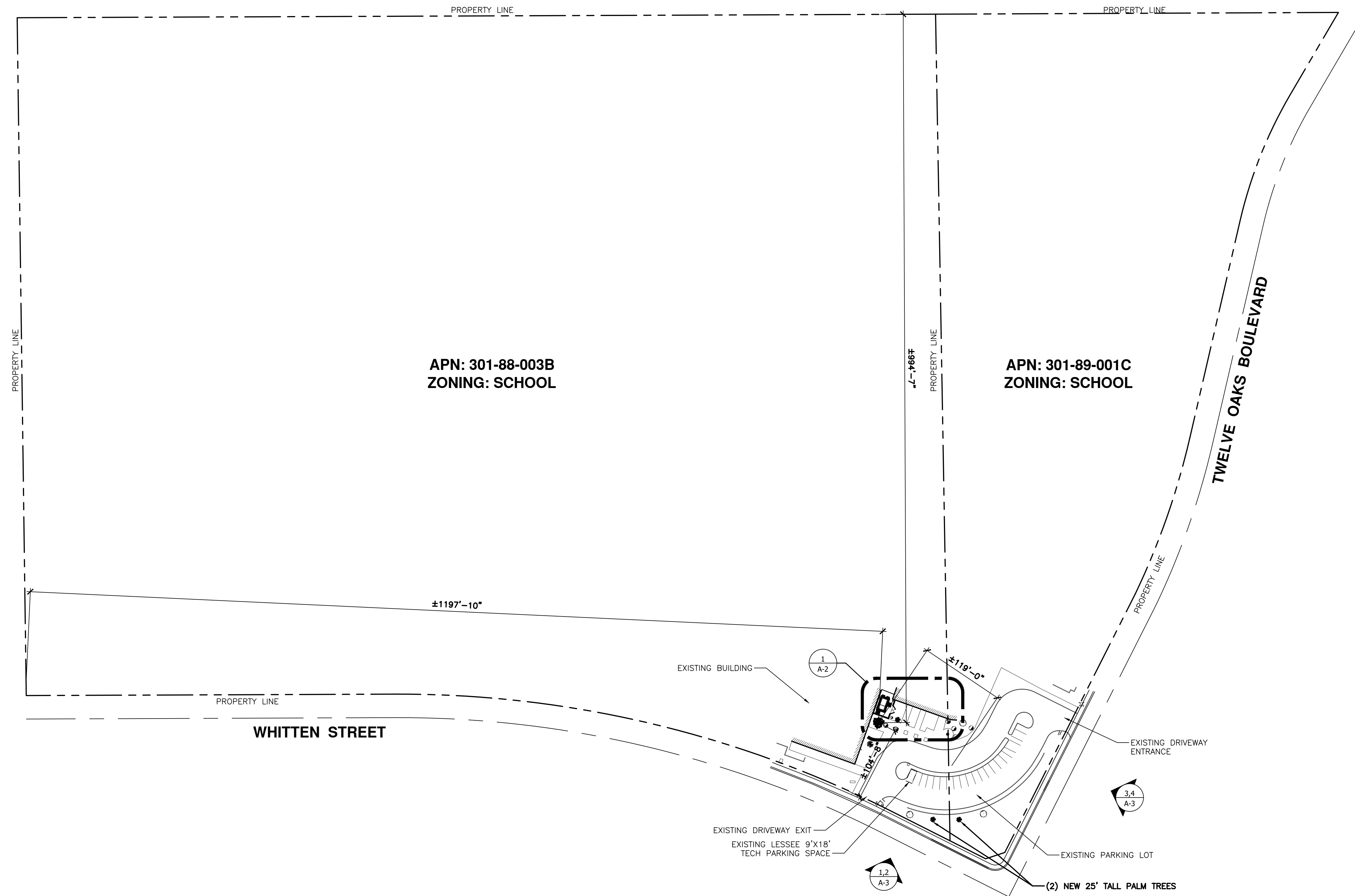
TOPOGRAPHIC SURVEY

SHEET NO.

LS-2

REVISION:

2



1 SITE PLAN
1"=80'-0"

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TEMPE, AZ 85283



ISE Incorporated
Structural Engineers
P.O. BOX 50039
Phoenix, Arizona 85076
PHONE: 602-403-8614
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DRAWN BY:	CHK:	APV:
SP	SCP	SCP

SITE NAME & ADDRESS:
PHO TWELVE OAKS
360 S TWELVE OAKS BLVD
CHANDLER, AZ 85226

ISSUE STATUS:

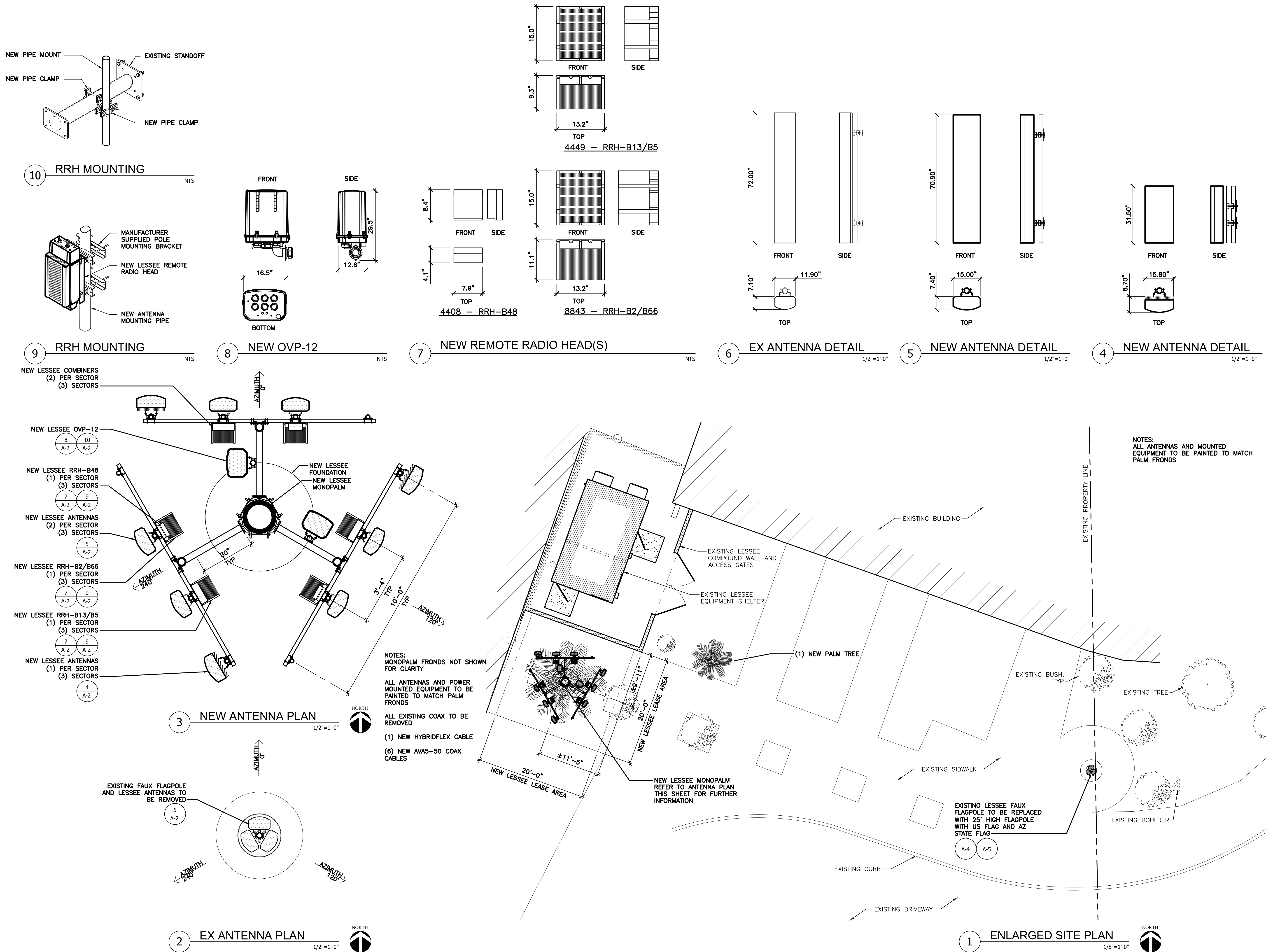
△	DATE:	DESCRIPTION:
A	04/02/21	ISSUE FOR CLIENT REVIEW
B	05/07/21	ISSUE FOR 95% REVIEW
C	06/15/21	NEW MONOPINE LOCATION
O	07/06/21	ISSUE FOR SUBMITTAL
1	11/10/21	JURISDICTION COMMENTS

SHEET TITLE:

SITE PLAN

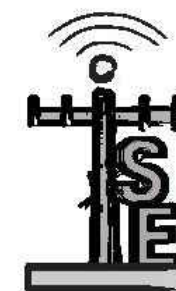
SHEET NUMBER:

A-1



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CHK: SCP
APV: SCP

SITE NAME & ADDRESS:
PHO TWELVE OAKS
360 S TWELVE OAKS BLVD
CHANDLER, AZ 85226

ISSUE STATUS:

Δ	DATE:	DESCRIPTION:
A	04/02/21	ISSUE FOR CLIENT REVIEW
B	05/07/21	ISSUE FOR 95% REVIEW
C	06/15/21	NEW MONOPINE LOCATION
D	07/06/21	ISSUE FOR SUBMITTAL
1	11/10/21	JURISDICTION COMMENTS

SHEET TITLE:

**ANTENNA
INFORMATION**

SHEET NUMBER:

A-2



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SP	SCP	SCP

SITE NAME & ADDRESS:
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360 S TWELVE OAKS BLVD
CHANDLER, AZ 85226

ISSUE STATUS:

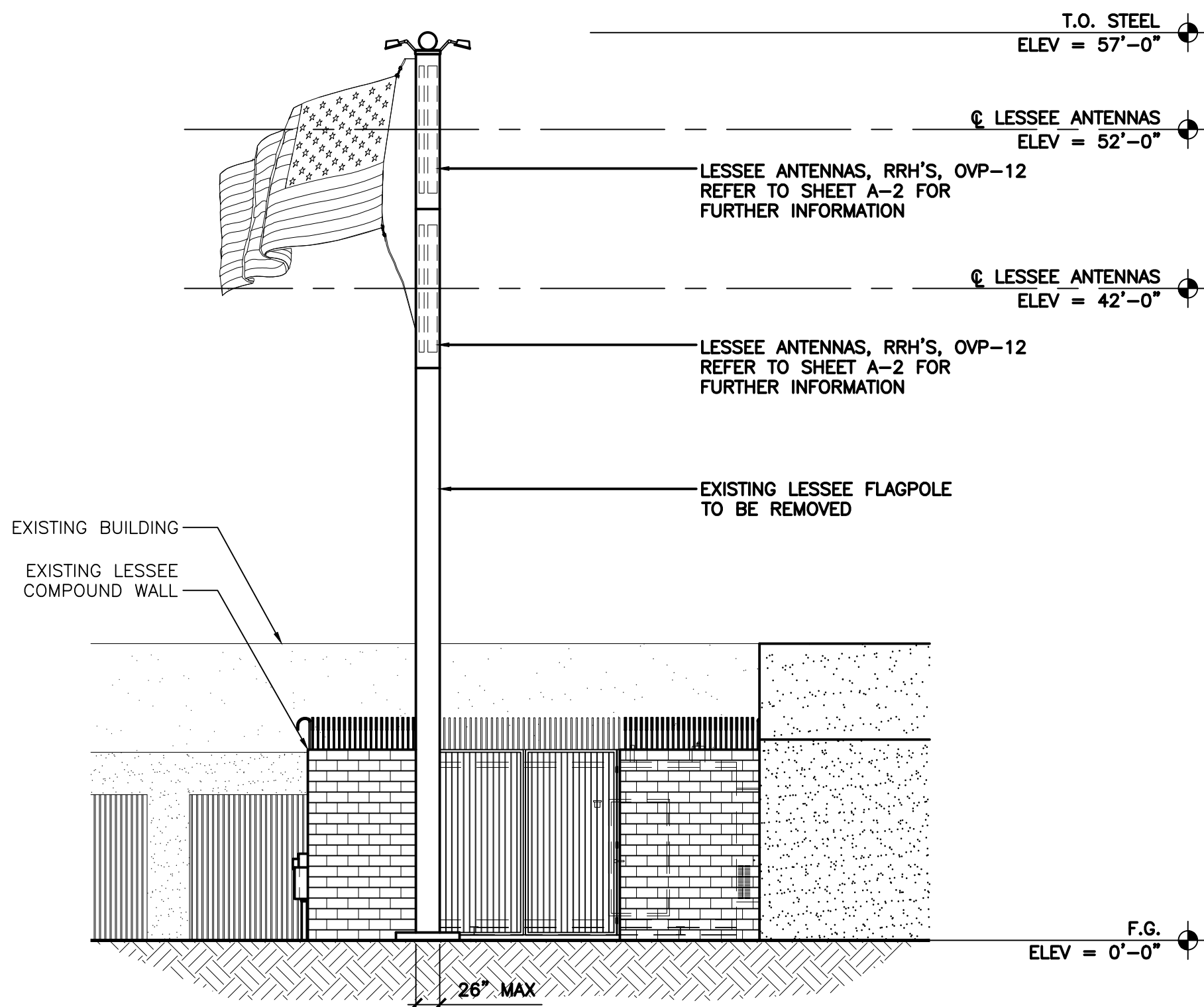
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A	04/02/21	ISSUE FOR CLIENT REVIEW
B	05/07/21	ISSUE FOR 95% REVIEW
C	06/15/21	NEW MONOPINE LOCATION
D	07/06/21	ISSUE FOR SUBMITTAL
1	11/10/21	JURISDICTION COMMENTS

SHEET TITLE:

ELEVATIONS

SHEET NUMBER:

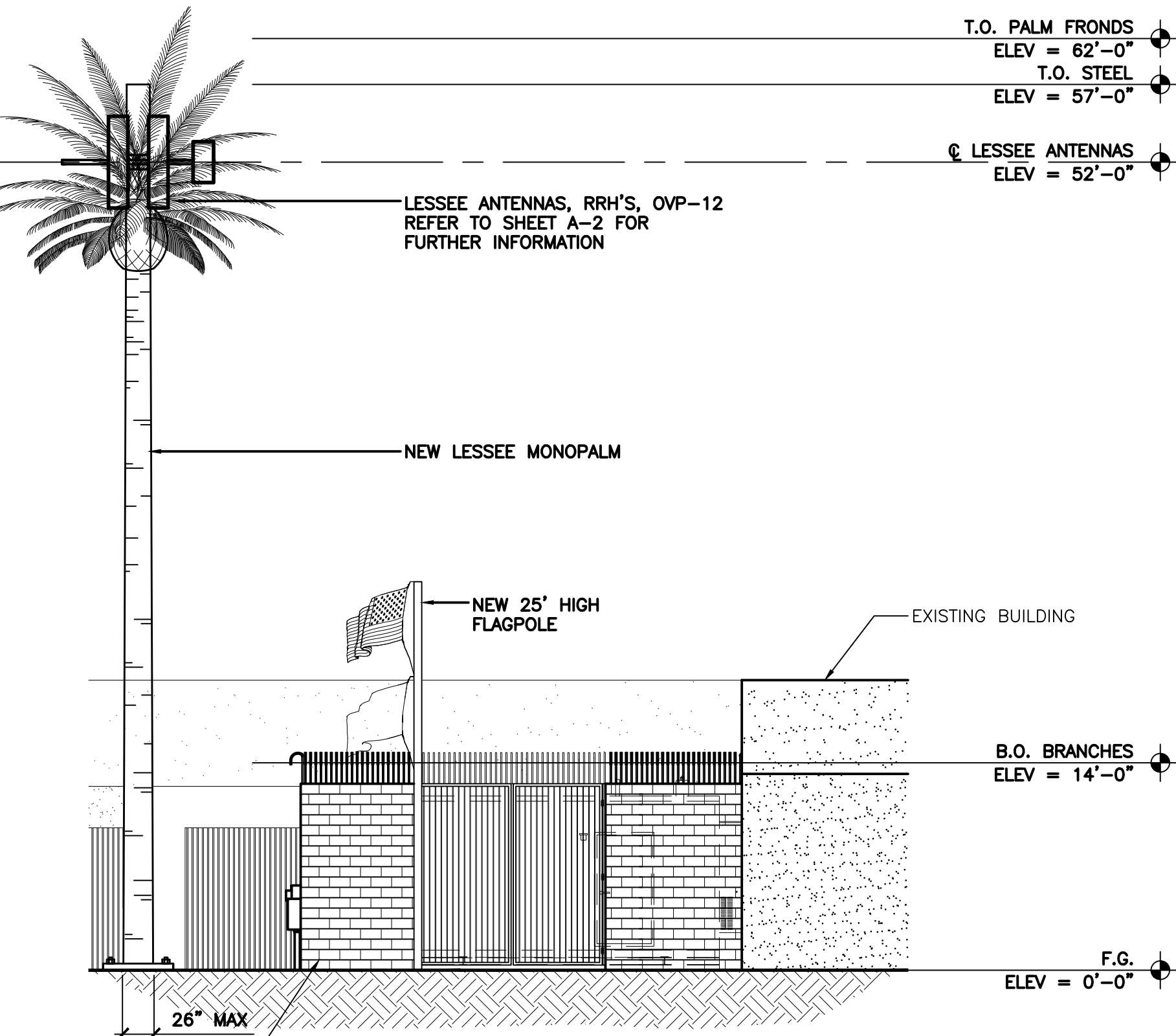
A-3



4 EX EAST ELEVATION

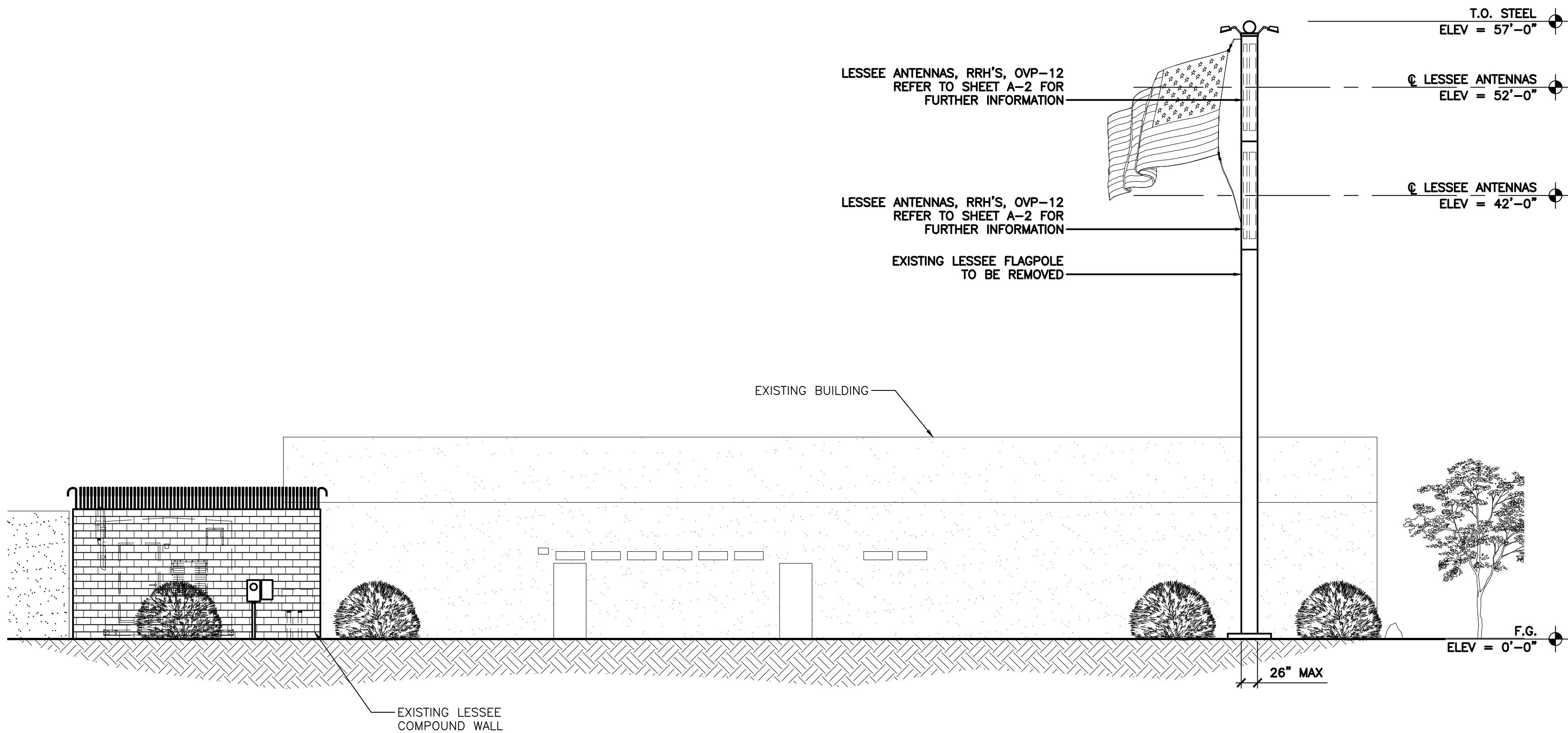
1/8"=1'-0"

NOTES:
ALL ANTENNAS AND MOUNTED
EQUIPMENT TO BE PAINTED TO MATCH
PALM FRONDS



3 NEW EAST ELEVATION

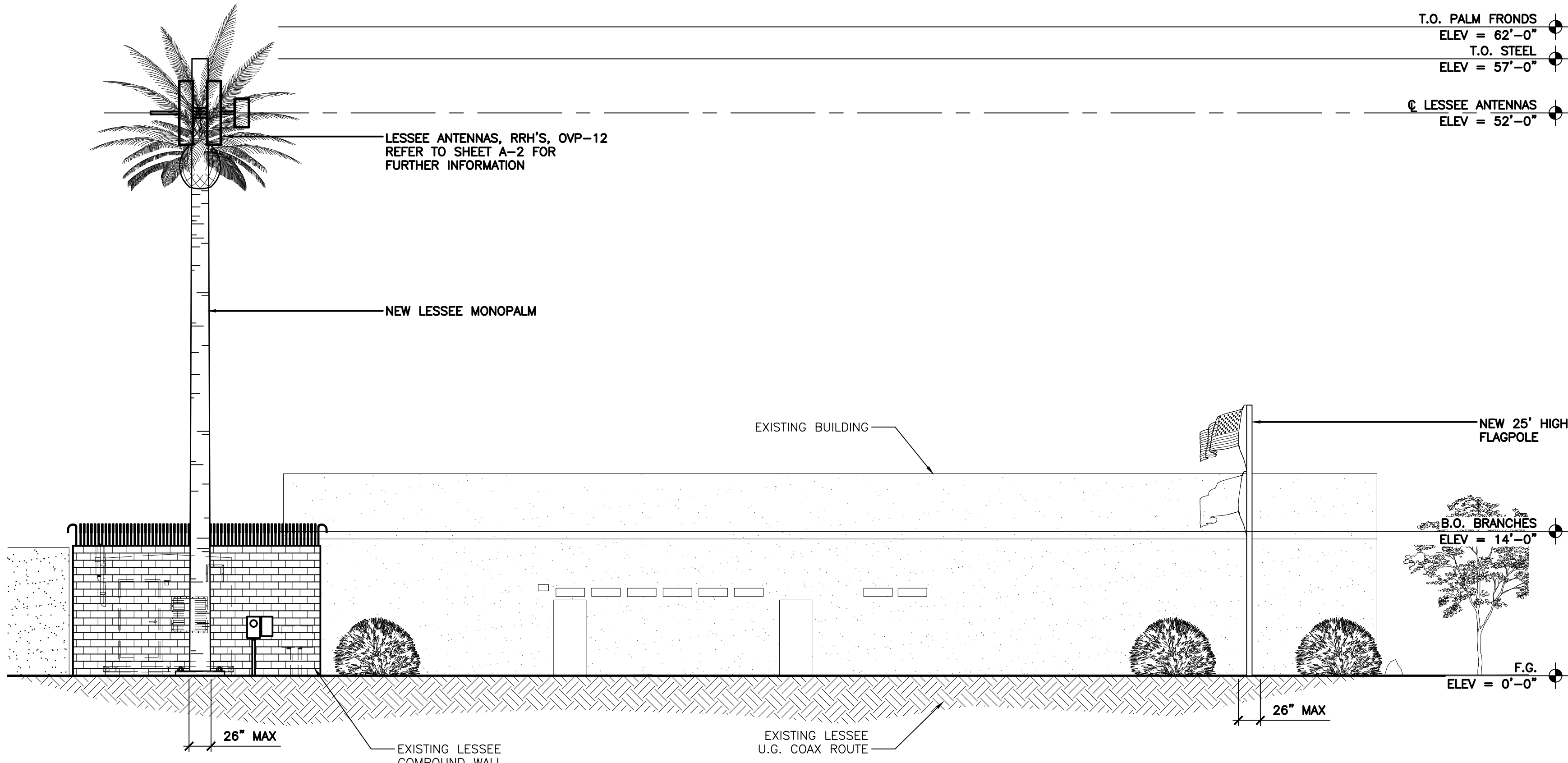
1/8"=1'-0"



2 EX SOUTH ELEVATION

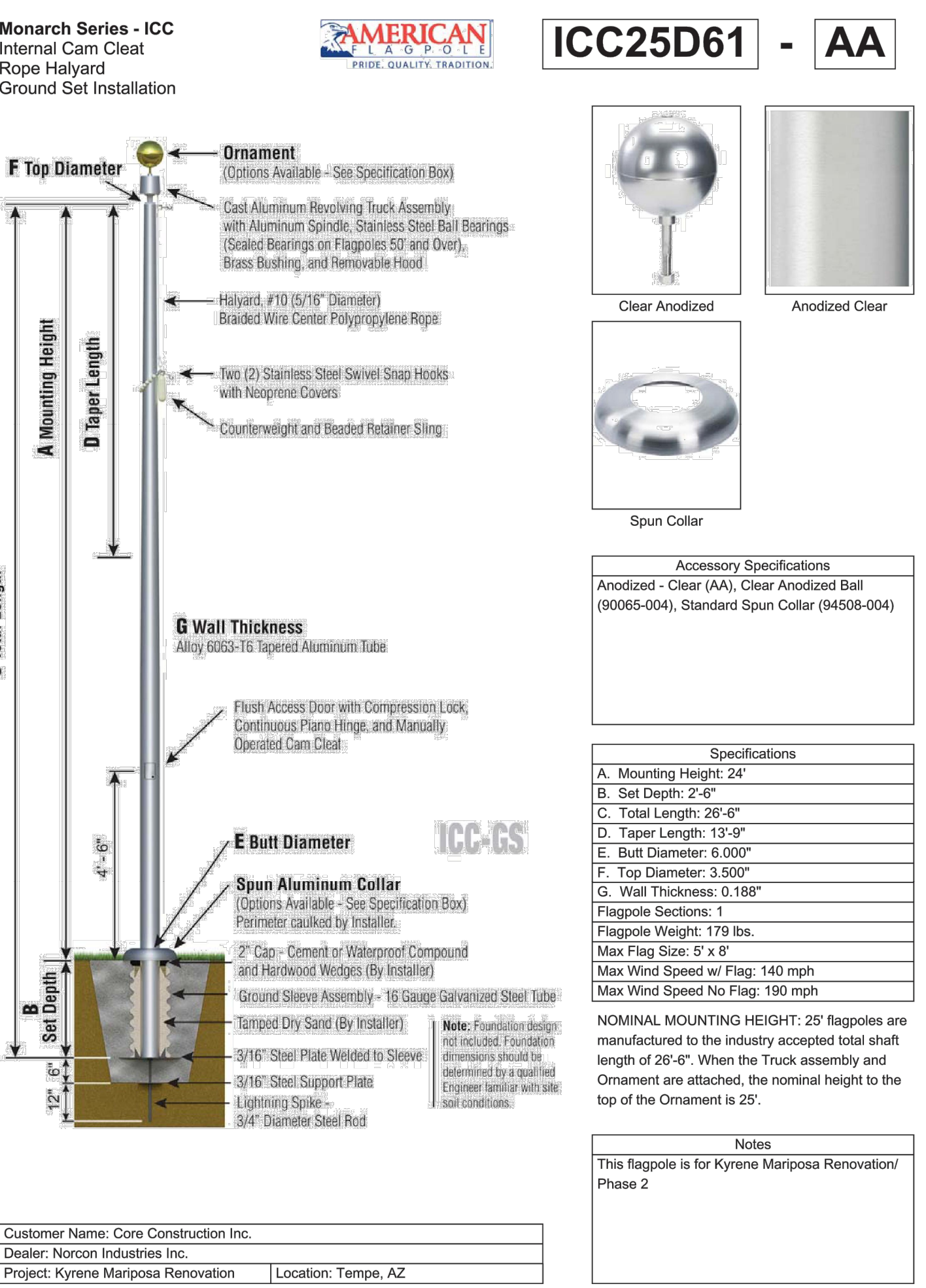
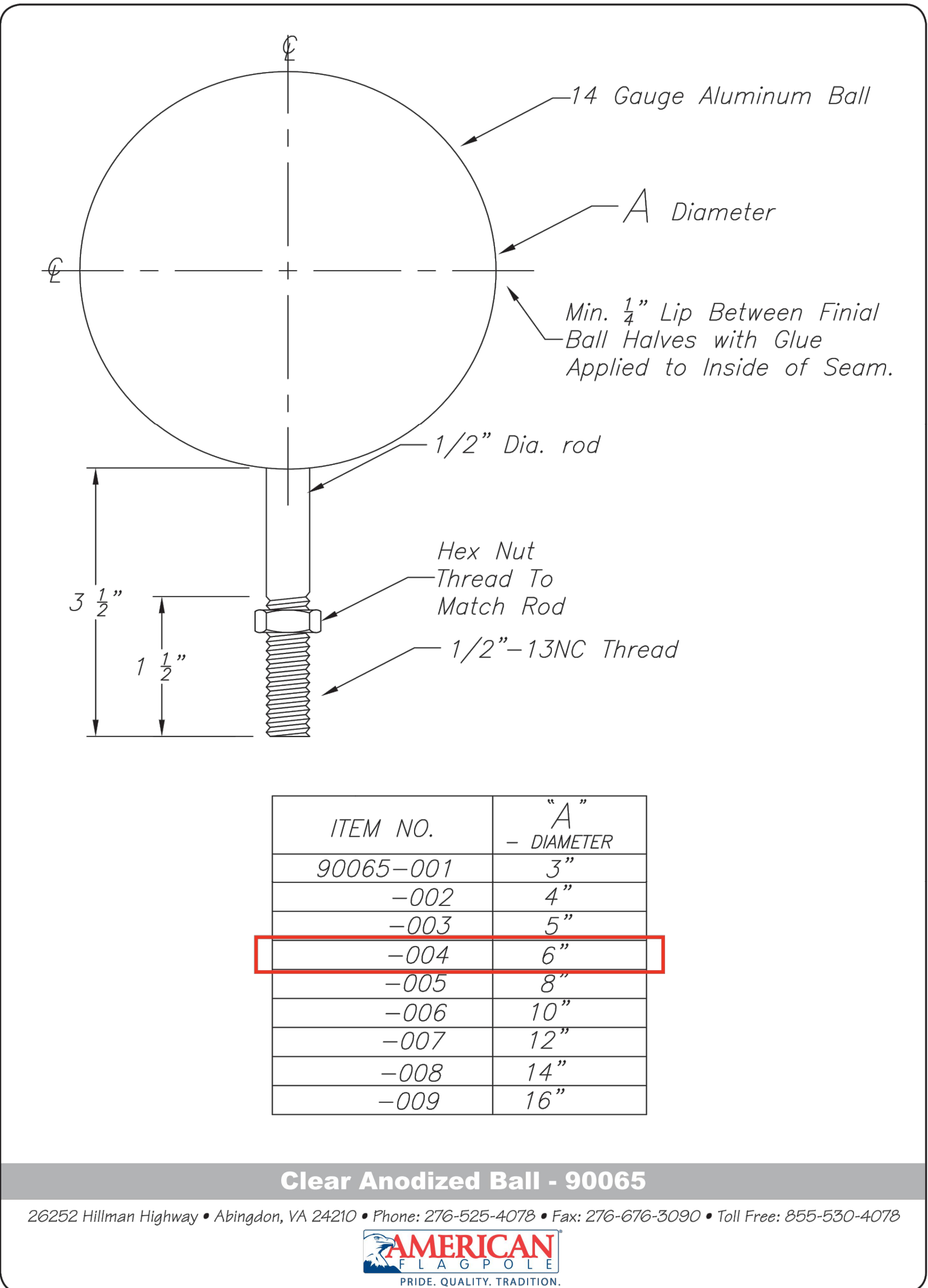
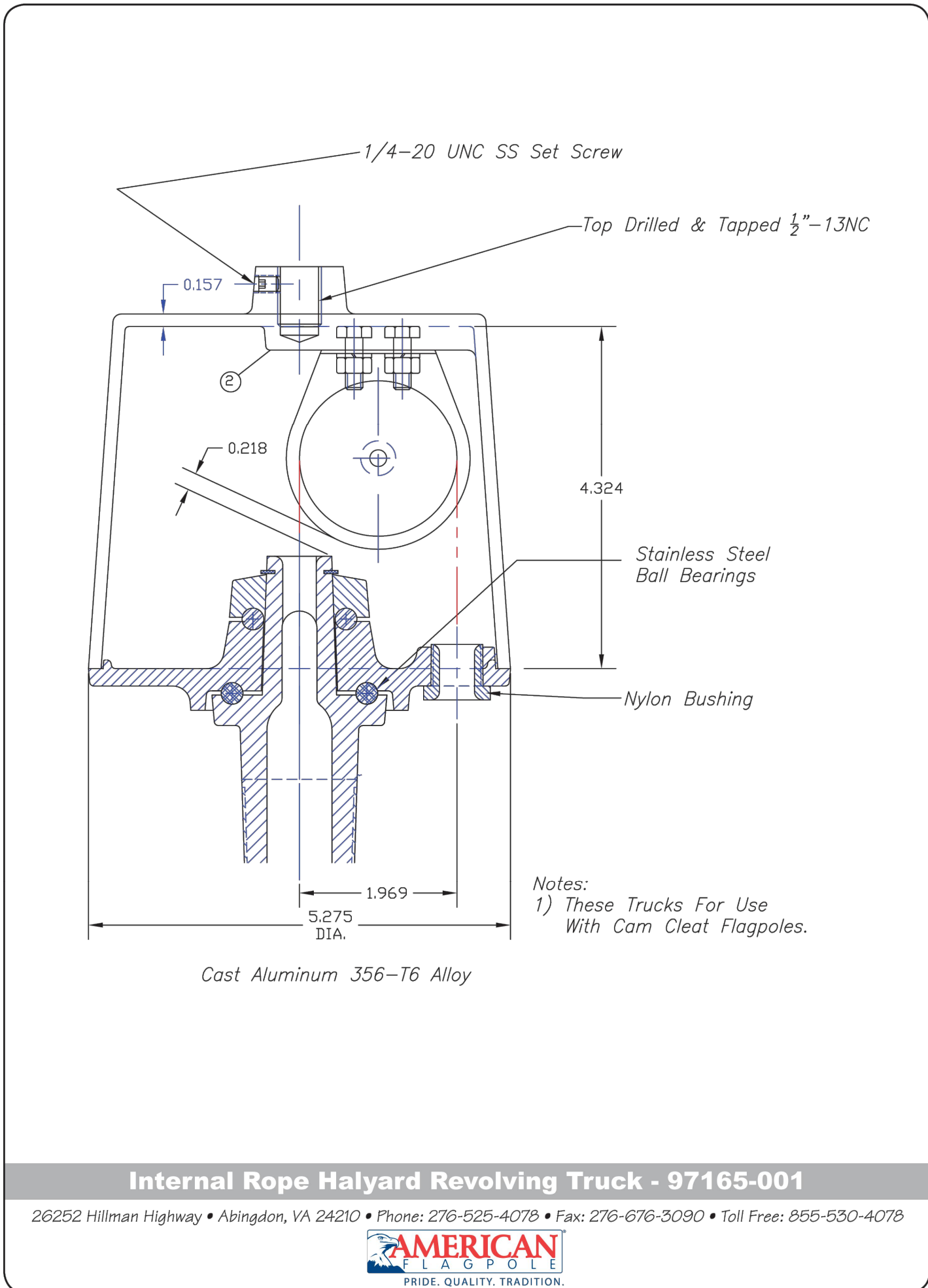
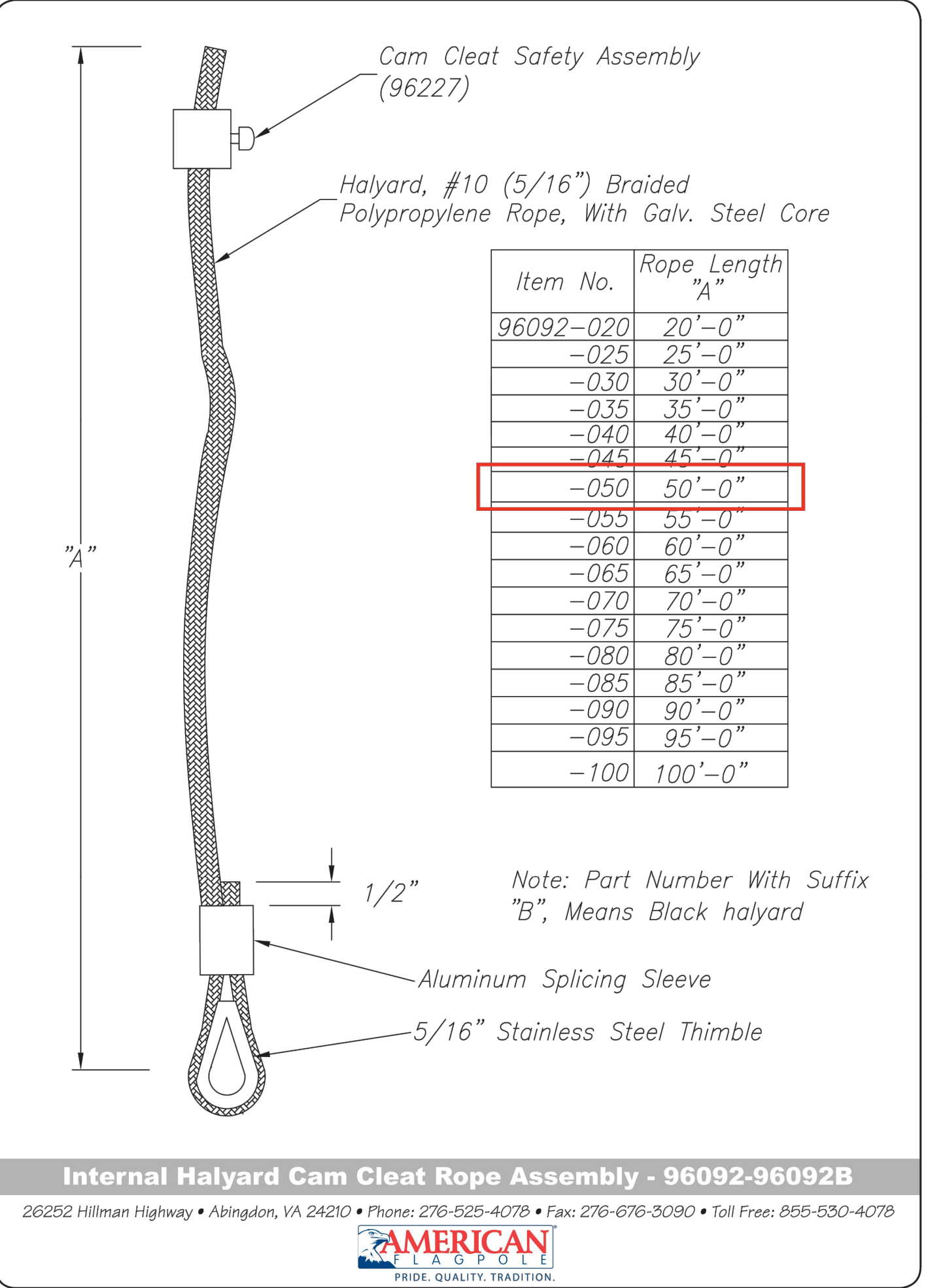
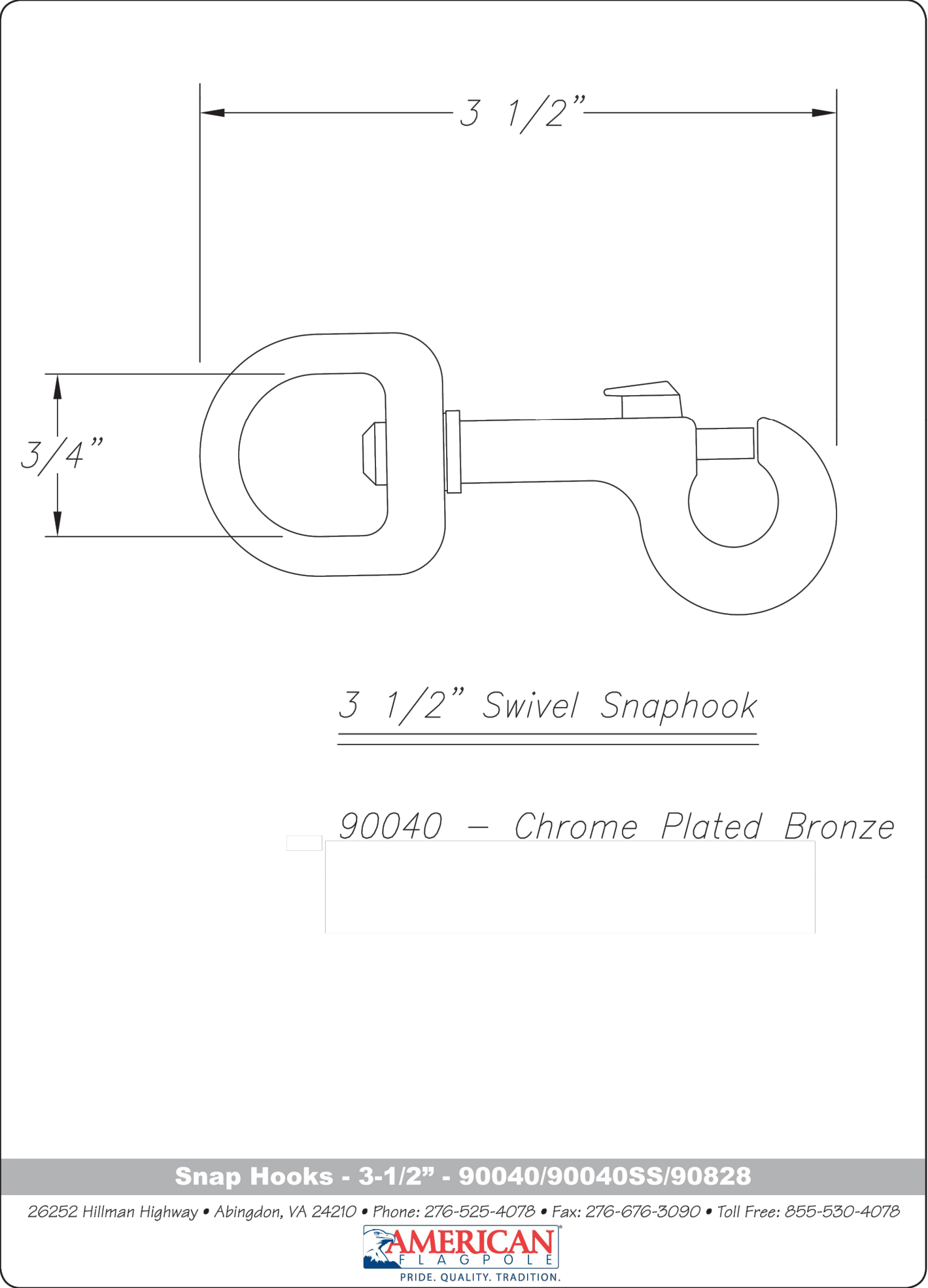
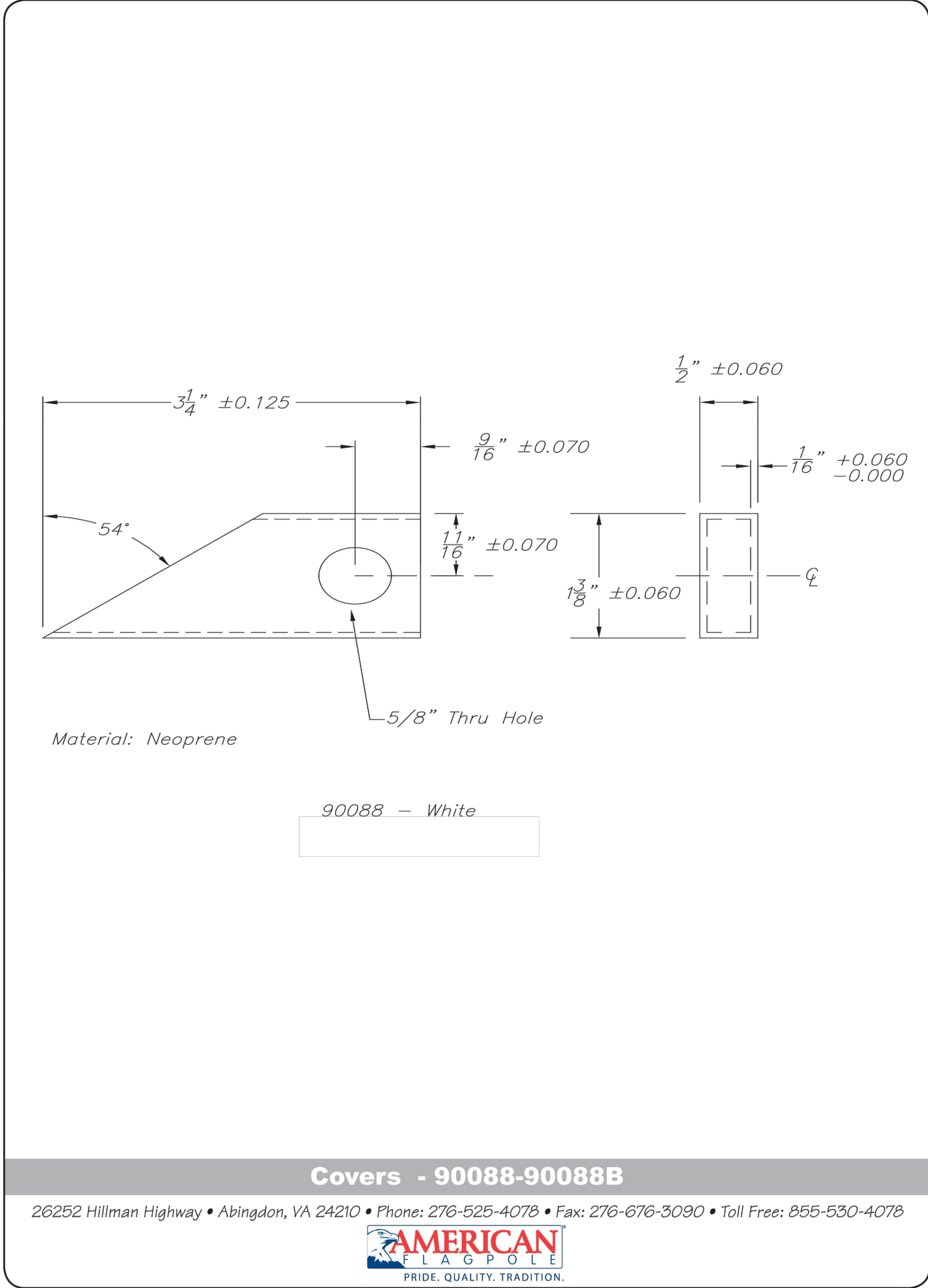
1/8"=1'-0"

NOTES:
ALL ANTENNAS AND MOUNTED
EQUIPMENT TO BE PAINTED TO MATCH
PALM FRONDS

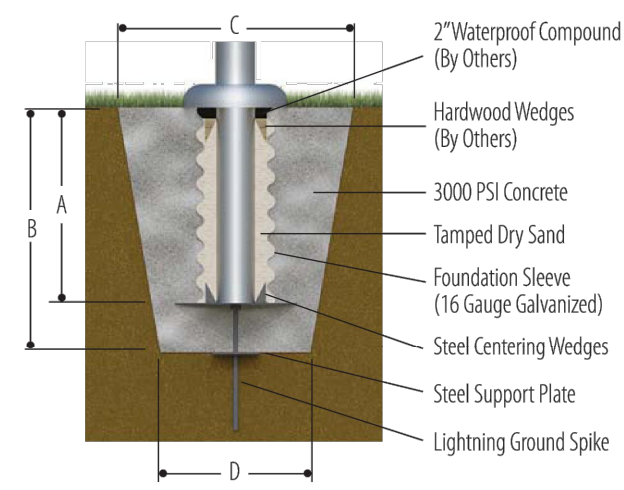


1 NEW SOUTH ELEVATION

1/8"=1'-0"



GROUND SLEEVE WITH STEEL LIGHTNING SPIKE INSTALLATION



Ground Set				
Exposed Mounting Height	A	B	C	D
25'-0"	2'-6"	3'-0"	36"	24"
30'-0"	3'-0"	3'-6"	36"	24"
35'-0"	3'-6"	4'-0"	36"	30"
40'-0"	4'-0"	4'-6"	45"	36"
45'-0"	4'-6"	5'-0"	45"	36"
50'-0"	5'-0"	5'-6"	50"	42"
60'-0"	6'-0"	6'-6"	60"	48"
70'-0"	7'-0"	7'-6"	60"	48"
80'-0"	8'-0"	8'-6"	72"	48"

NAMM's Metal Flagpole Manual offers basic suggestions on foundation measurements in firm, dry soil only using dry tamped sand and 3000 PSI concrete. Soil conditions vary by site. Exact foundation requirements should be verified by a Structural Engineer with knowledge of soil conditions in your locality.

95 CAM-100 95861 110-151 62013 AMERICAN FLAGPOLE

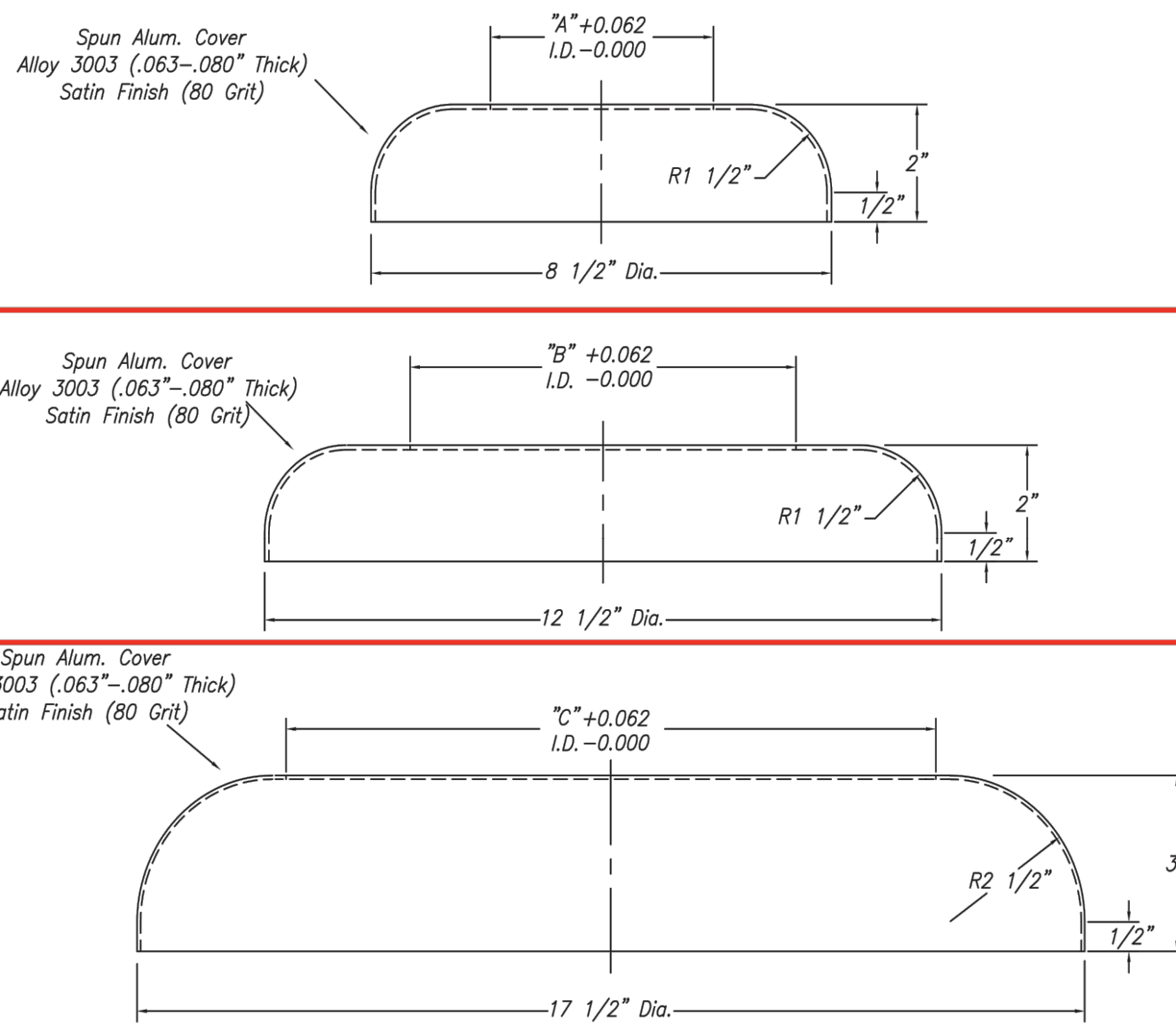


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Butt Dia. Ref.		Item No.	A	B	C
4"		90031-001	6"	3'-0"	8"
5"		90031-002	8"	2'-0"	10"
5"		90031-003	8"	2'-6"	10"
5"		90031-004	8"	3'-0"	10"
6" & 7"		90031-005	10"	3'-0"	12"
6" & 7"		90031-006	10"	3'-6"	12"
6" & 7"		90031-007	10"	4'-0"	12"
8" & 9"		90031-008	12"	4'-0"	14"
8" & 9"		90031-009	12"	5'-0"	14"
10" & 12"		90031-010	15"	5'-0"	16"
6" & 7"		90031-011	10"	5'-0"	12"
10" & 12"		90031-012	15"	6'-0"	16"
6" & 7"		90031-013	10"	2'-6"	12"
10" & 12"		90031-014	15"	8'-0"	16"
8" & 9"		90031-015	12"	3'-6"	14"
10" & 12"		90031-016	15"	7'-0"	16"
8" & 9"		90031-017	12"	4'-6"	14"
8" & 9"		90031-018	12"	6'-0"	14"
10" & 12"		90031-019	15"	7'-6"	16"
5"		90031-020	8"	4'-0"	10"
4"		90031-021	6"	2'-0"	8"
10" & 12"		90031-022	15"	4'-6"	16"
10" & 12"		90031-023	15"	4'-0"	16"
10" & 12"		90031-024	15"	9'-9"	16"
8" & 9"		90031-025	12"	5'-6"	14"
6" & 7"		90031-026	10"	1'-0"	12"
6" & 7"		90031-027	10"	2'-0"	12"
5"		90031-028	8"	3'-6"	10"
8" & 9"		90031-029	12"	3'-0"	14"
6" & 7"		90031-030	10"	4'-6"	12"
4"		90031-031	6"	3'-6"	8"
6" & 7"		90031-032	10"	6'-0"	12"
10" & 12"		90031-033	15"	5'-6"	16"
6" & 7"		90031-034	10"	5'-6"	12"
8" & 9"		90031-035	12"	6'-6"	14"
10" & 12"		90031-036	15"	12'-0"	16"
8" & 9"		90031-037	12"	7'-0"	14"
4"		90031-038	6"	2'-6"	8"
5"		90031-039	8"	5'-0"	10"
10" & 12"		90031-040	15"	3'-0"	16"
5"		90031-041	8"	4'-6"	10"

Ground Sleeve - Galvanized with Steel Lightning Spike - 90031

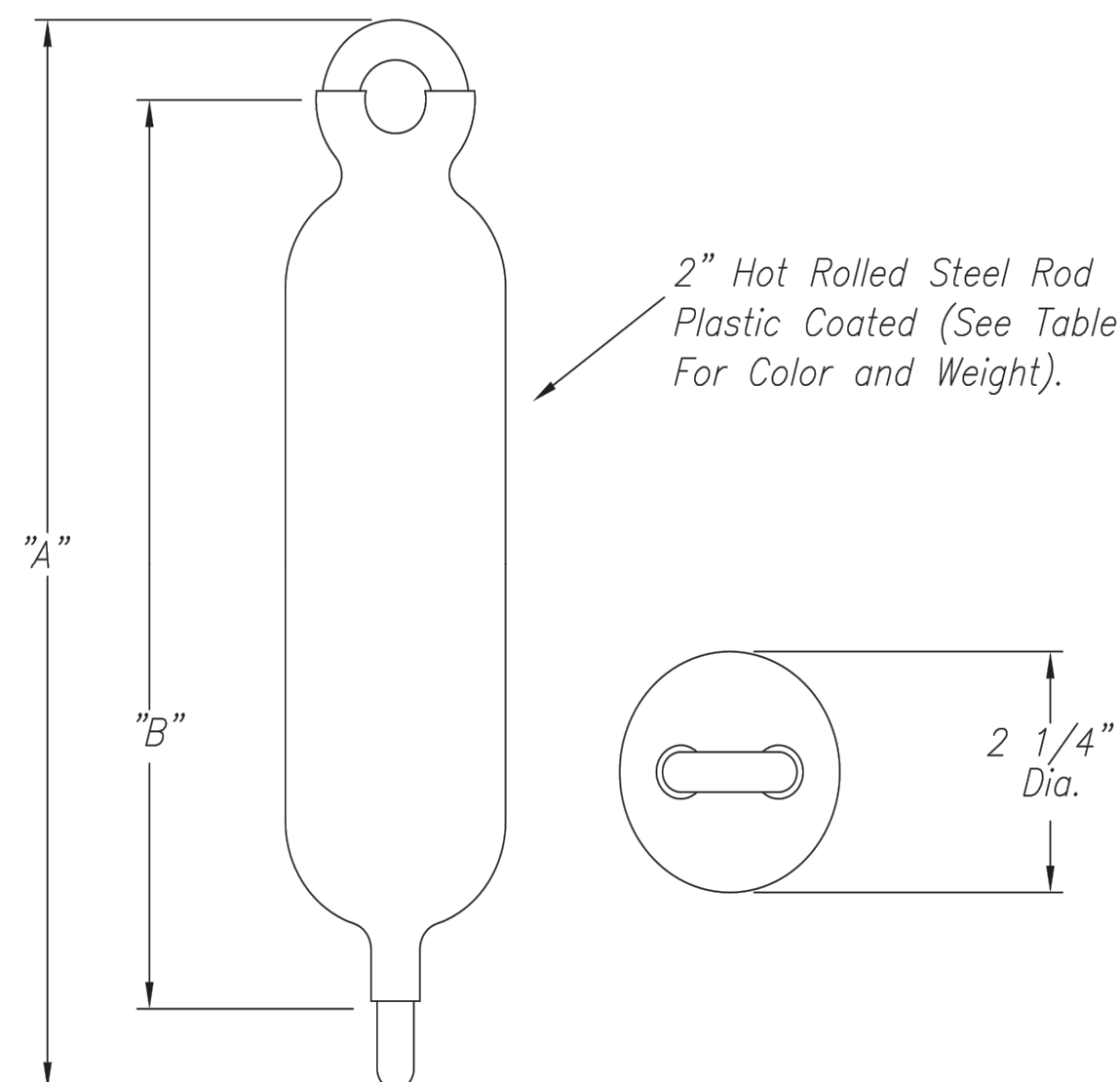
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Item No.	A	B	C
94508-001	3.100"		
94508-002	4.100"		
94508-003		5 1/8"	
94508-004		6 1/8"	
94508-005		7 1/8"	
94508-006			8 1/8"
94508-007			9 1/8"
94508-008			10 1/8"
94508-009			12 1/8"
94508-010	3 5/8"		
94508-011	4 5/8"		
94508-012		5 5/8"	
94508-013			6 1/8"
94508-014	2 1/8"		
94508-015	3.100"		
94508-016	4.100"		
94508-017		5 1/8"	

Standard Decorative Flash Collar - 94508

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Item Number	"A"	"B"	Weight(lbs)	Finish
CWT035 *	5 1/2"	3 3/4"	3.5	White
CWT035B *	5 1/2"	3 3/4"	3.5	Bronze
94738	10 1/2"	8 3/4"	7.0	White
94738B	10 1/2"	8 3/4"	7.0	Bronze
CWT140	17 1/2"	15 3/4"	14.0	White
CWT140B	17 1/2"	15 3/4"	14.0	Bronze

* 3.5 lb. Counterweight Has One Eye.

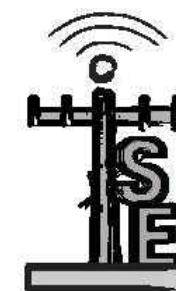
Counterweight - 7 lbs. - 94738/94738B

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SP _____ SCP SCP

SITE NAME & ADDRESS:
PHO TWELVE OAKS
360 S TWELVE OAKS BLVD
CHANDLER, AZ 85226

ISSUE STATUS:

△	DATE:	DESCRIPTION:
A	04/02/21	ISSUE FOR CLIENT REVIEW
B	05/07/21	ISSUE FOR 95% REVIEW
C	06/15/21	NEW MONOPINE LOCATION
D	07/06/21	ISSUE FOR SUBMITTAL
1	11/10/21	JURISDICTION COMMENTS

SHEET TITLE:

FLAGPOLE
DETAILS

SHEET NUMBER:

A-5