## OFFSITE IMPROVEMENT PLANS

FOR

# RAY ROAD AND COPERNICUS DRIVE

FOR

# QUEEN CREEK HIGH SCHOOL-EASTMARK CAMPUS

SITE ADDRESS: NORTHWEST CORNER OF COPERNICUS DRIVE AND E. RAY ROAD MESA, ARIZONA 85212

FOR

# QUEEN CREEK UNIFIED SCHOOL DISTRICT #95

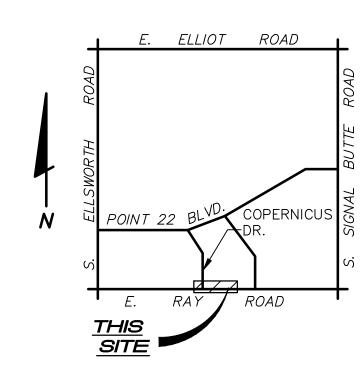
20217 E. CHANDLER HEIGHTS ROAD QUEEN CREEK, ARIZONA 85142 PHONE: (480) 987-5980

#### SHEET INDEX:

COVER SHEET

NOTES, CROSS-SECTION AND LEGEND SHEET OFFSITE PAVING PLAN AND PROFILE

OFFSITE PAVING PLAN OFFSITE PAVING PLAN AND PROFILE



#### VICINITY MAP NOT TO SCALE

# OWNER/DEVELOPER:

QUEEN CREEK UNIFIED SCHOOL DISTRICT #95 20217 E. CHANDLER HEIGHTS ROAD QUEEN CREEK, ARIZONA 85142 PHONE: (480) 987-5980

#### **CIVIL ENGINEER:**

HESS-ROUNTREE, INC. 9831 SOUTH 51ST STREET, SUITE C110 PHOENIX AZ, 85044 PHONE: (480) 496-0244 FAX: (480) 496-0094 CONTACT: DOUG OSBORN, PE EMAIL: DOUG@HESSROUNTREE.COM

#### SITE INFORMATION:

APN: 304-32-857

# E. POINT TWENTY-TWO BLVD E. RAY ROAD

#### SHEET INDEX MAP NOT TO SCALE

## CITY OF MESA APPROVAL STAMPS

DOUGLAS RAY

**OSBORN** 

2023.08.08 15:21:36-07'00'

HESS - ROUNTREE, INC. CONSULTING ENGINEERS & LAND SURVEYORS 9831 SOUTH 51ST STREET, SUITE C110

PHOENIX, ARIZONA 85044 (480)496-0244

DRN. ANM CKD. PMJ

JOB NO. **2302-18** 

### **DESIGN ENGINEER'S**

## NOTES TO CONTRACTOR:

NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE DESIGN ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.

- THE DESIGN ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, THIS IS THE CONTRACTOR'S SOLE RESPONSIBILITY. THE DESIGN ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CLEANING TRUCKS AND/OR OTHER EQUIPMENT OF MUD PRIOR TO ENTERING PUBLIC STREETS, AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN STREETS. ALLAY DUST. AND TO TAKE WHATEVER MEASURES ARE NECESSARY TO INSURE THAT ALL ROADWAYS AND ON SITE PARKING LOTS/FIRE LANES ARE MAINTAINED IN A CLEAN, MUD AND DUST-FREE CONDITION AT ALL TIMES.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE BLUE STAKE CENTER TWO WORKING DAYS PRIOR TO ANY EXCAVATION. THE UNDERGROUND UTILITY LOCATIONS AS SHOWN HEREON ARE BASED ON THE BEST INFORMATION AVAILABLE FROM UTILITY RECORDS AND OTHER DATA AS SUPPLIED TO THIS DESIGN ENGINEER. THERE MAY BE OTHER UNDERGROUND UTILITY LINES, SERVICE LINES AND STRUCTURES PRESENT IN THE SUBJECT AREA. CONTRACTOR SHALL INCLUDE IN HIS BID THE COST OF HIRING AN UNDERGROUND UTILITY LOCATING SERVICE FOR THE PURPOSE OF LOCATING ALL UNDERGROUND UTILITIES. CONTRACTOR WILL COORDINATE WITH THE OWNER AND ARCHITECT TO DETERMINE WHETHER SAID UTILITIES ARE TO BE ABANDONED OR PROTECTED FROM DAMAGE.
- THE ENGINEER MAKES NO REPRESENTATION OR GUARANTEE REGARDING THE EARTHWORK QUANTITIES OR THAT THE EARTHWORK FOR THIS PROJECT WILL BALANCE DUE TO THE VARYING FIELD CONDITIONS, CHANGING, SOIL TYPES, ALLOWABLE CONSTRUCTION TOLERANCES AND CONSTRUCTION METHODS THAT ARE BEYOND THE CONTROL OF THE ENGINEER. PRIOR TO BIDDING THE WORK, THE CONTRACTOR SHALL THOROUGHLY SATISFY HIMSELF AS TO THE ACTUAL CONDITIONS, EARTHWORK QUANTITIES AND REQUIREMENTS OF THE WORK AND EXCESS OR DEFICIENCY THEREIN, ACTUAL OR RELATIVE.
- THE CONTRACTOR SHALL ADJUST ALL EXISTING AND NEW CLEANOUTS, WATER VALVE BOXES, MANHOLES, GAS VALVE BOXES, IRRIGATION BOXES, ETC. IN THE CONSTRUCTION AREA TO FINISH GRADE PER THE APPLICABLE MAG STANDARD DETAIL.
- ALL NEW UNDERGROUND FACILITIES/UTILITIES SHALL BE INSTALLED WITH A DETECTABLE UNDERGROUND LOCATION DEVICE. INSTALL A #18 INSULATED TRACER WIRE SECURELY ATTACHED TO EACH UTILITY AT 8-FEET ON CENTER. 12" OF TRACER WIRE SHALL BE ACCESSIBLE ABOVE GRADE AT THE TERMINATION AND SHALL BE SECURELY ATTACHED AT THAT POINT. THE CONTRACTOR SHALL INCLUDE ALL COSTS ASSOCIATED WITH THIS REQUIREMENT IN THEIR BID.

## **BENCHMARK:**

FOUND CITY OF MESA BENCHMARK BEING A BRASS TAG ON THE TOP OF CURB IN THE NORTHEAST CORNER OF THE INTERSECTION OF SOUTH SIGNAL BUTTE ROAD AND EAST WARNER ROAD HAVING AN ELEVATION OF 1453.68 (NAVD88)

## AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT THE "RECORD DRAWING" MEASUREMENTS AS SHOWN HEREON WERE MADE UNDER MY SUPERVISION OR AS NOTED, AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE

REGISTERED	LAND	SURVEYOR

COMPANY

REGISTRATION NUMBER

#### COMPANY AND BE RESOLVED BY THEM AND THE DESIGN ENGINEER. CHRIS MEHAN 08/08/23 CITY OF MESA CO. REPRESENTATIVE CONTACTED

THESE PLANS HAVE BEEN SUBMITTED TO THE FOLLOWING UTILITY COMPANIES AND THE WORK CONTAINED IN THESE PLANS HAS BEEN APPROVED BY THESE COMPANIES WITHIN THEIR AREA OF INTEREST. THE SIZE AND LOCATIONS, AS SHOWN OF THE GAS TELEPHONE AND POWER LINES, AND CONNECTIONS AGREE WITH THE INFORMATION CONTAINED IN THE UTILITY COMPANY'S RECORDS. WHERE THE WORK TO BE DONE CONFLICITS WITH ANY OF THESE UTILITIES. THE CONFLICTS SHALL BE RESOLVED AS SPECIFIED IN THE SPECIAL PROVISIONS AND/OR AS OTHERWISE NOTED ON THESE

PLANS. CONFLICTS ARISING DURING THE COURSE OF CONSTRUCTION FROM UNFORSEEN CIRCUMSTANCES SHALL BE REPORTED TO THE INTERESTED UTILITY

NOTES:

ITEM

QUANTITIES ARE FOR CITY PERMIT PURPOSES

OVER COMPACTED SUBGRADE

5. CONCRETE VERTICAL CURB AND GUTTER

6. CONCRETE VALLEY GUTTER AND APRON

7. DUAL CURB DIRECTIONAL SIDEWALK RAMPS

9. A.C. PAVEMENT REMOVAL AND REPLACEMENT

10. INSTALL ASPHALTIC CONCRETE PAVEMENT 2"

OVER COMPACTED SUBGRADE

11. CONCRETE SINGLE CURB

SOUTHWEST GAS

(1/2" PMTR SURFACE COURSE OVER 3.5" (3/4" PMTR BASE COURSE) OVER 10" A.B.C.

2. FIRE HYDRANT RELOCATION

6" DUCTILE IRON PIPE

4. CONCRETE SIDEWALK

8. SIDEWALK RAMPS

ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES.

OFFSITE ESTIMATED QUANTITIES:

DESCRIPTION

1 A.C. PAVEMENT 5.5" A.C. (2" (1/2" INCH) RUBBER

ASPHALT OVER 3.5" (3/4" INCH) OVER 10" A.B.C.

USIC DISPATCH CENTER COMMUNICATIONS CO. REPRESENTATIVE CONTACTED USIC DISPATCH CENTER CENTURLINK CO. REPRESENTATIVE CONTACTED SRP BLUE STAKE SALT RIVER CO. REPRESENTATIVE CONTACTED

CO. REPRESENTATIVE CONTACTED

DATE SUBMITTED 08/08/23 DATE SUBMITTED 08/08/23 DATE SUBMITTED 08/08/23 DATE SUBMITTED 08/08/23 ELM LOCATING DISPATCH

QUANTITES

605 SY

1 EA.

20 LF

2,018 SF

341 LF

505 SF

1 EA

2 EA

9 SY

454 SY

43 LF

# NOTE:

THESE DRAWINGS ARE AN INSTRUMENT OF SERVICE ONLY AND ARE AND SHALL REMAIN THE EXCLUSIVE PROPERTY OF HESS-ROUNTREE, INC. NO REPRODUCTION OR OTHER USE SHALL BE MADE BY ANY PERSON OR FIRM OTHER THAN HESS-ROUNTREE, INC. OR THE CITY OF MESA WITHOUT EXPRESS PERMISSION OF HESS-ROUNTREE, INC. ANY UNAUTHORIZED USE SHALL VOID THE ENGINEER'S SEAL AND SIGNATURE HEREON AND NO PROFESSIONAL RESPONSIBILITY WILL REMAIN.

**COVER SHEET** 

DATE: **08-08-23** 

QUEEN CREEK UNIFIED SCHOOL DISTRICT NO. 95

QUEEN CREEK HIGH SCHOOL -

EASTMARK CAMPUS DRAWING STATUS SHEET 1ST CITY SUBMITTAL SET



#### CITY OF MESA GENERAL NOTES:

THE FOLLOWING "GENERAL NOTES" SHALL BE INCLUDED ON ALL PRIVATE LAND DEVELOPMENT PROJECTS THAT INVOLVE PUBLIC IMPROVEMENTS SUCH AS PUBLIC STREETS, OR CITY OF MESA UTILITIES AND FACILITIES.

- ALL WORK AND MATERIALS SHALL CONFORM TO THE CURRENT UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION AS FURNISHED BY THE MARICOPA ASSOCIATION OF GOVERNMENTS AND AS AMENDED BY THE CITY OF MESA. ALL WORK AND MATERIALS NOT IN CONFORMANCE WITH THESE AMENDED SPECIFICATIONS AND DETAILS ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- SEPARATE RIGHT-OF-WAY PERMITS ARE REQUIRED FOR ALL PUBLIC UTILITIES, PUBLIC STREET IMPROVEMENTS, AND RIGHT-OF-WAY LANDSCAPING. FOR INFORMATION REGARDING AVAILABILITY AND COST OF RIGHT-OF-WAY PERMITS, CONTACT THE DEVELOPMENT SERVICES DEPARTMENT AT (480) 644-4273 OR AT HTTP: //WWW.MESAAZ.GOV/DEVSUSTAIN/CONSTRUCTIONPERMITS.ASPX. THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED UNLESS
- OTHERWISE NOTED. CONTRACTORS MUST HOLD THE APPROPRIATE CLASS OF LICENSE AND SHALL HAVE ON FILE WITH THE PERMIT SERVICES SECTION PROOF OF INSURANCE COVERAGE. PERMITS BECOME INVALID AND MUST BE UPDATED IF WORK HAS NOT BEGUN WITHIN NINETY (90) DAYS. PERMITS ALSO BECOME INVALID IF THE CONTRACTOR'S INSURANCE LAPSES OR IS VOIDED.
- TWENTY FOUR (24) HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK, CONSTRUCTION OR INSTALLATIONS ASSOCIATED WITH THIS PERMIT, THE PERMITTEE SHALL NOTIFY CITY OF MESA ENGINEERING DEPARTMENT AT (480) 644-2251 OF INTENT TO BEGIN AND REQUEST/SCHEDULE PRELIMINARY FIELD REVIEW AT THE PROJECT SITE WITH THE CITY OF MESA ENGINEERING DEPARTMENT CONSTRUCTION INSPECTOR (CITY INSPECTOR). FAILURE TO PROVIDE PROPER INSPECTION NOTIFICATION AS PRESCRIBED ABOVE, SHALL RESULT IN THIS PERMIT BECOMING INVALID AND WORK BEING STOPPED.
- CONTRACTOR'S SHALL COMPLY WITH THE REQUIREMENTS TO OBTAIN THE NECESSARY RIGHT-OF-WAY PERMITS AND SHALL COMPLY WITH THE RIGHT-OF-WAY PERMIT CONDITIONS AS FOUND ON THE BACK OF THE PERMIT FORM.
- 5. THE CITY OF MESA PARKS & RECREATION DIVISION IS NOT REPRESENTED BY BLUE STAKE. WHEN THE CONTRACTOR EXCAVATES NEAR OR ADJACENT TO A CITY PARK, THE CONTRACTOR SHALL CONTACT THE PARKS & RECREATION ADMINISTRATION SECTION AT (480) 644-2354 TO REQUEST ASSISTANCE IN LOCATING ALL THEIR UNDERGROUND FACILITIES.
- THE CONTRACTOR SHALL OBTAIN AN EARTH-MOVING PERMIT FROM THE MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT AND SHALL COMPLY WITH ITS REQUIREMENTS FOR DUST CONTROL.
- THE ENGINEER HEREBY CERTIFIES AS EVIDENCED BY A PROFESSIONAL SEAL & SIGNATURE, THAT ALL AFFECTED UTILITY COMPANIES BOTH PUBLIC AND PRIVATE HAVE BEEN CONTACTED AND ALL EXISTING AND/OR PROPOSED UTILITY LINES AND OTHER RELATED INFORMATION HAVE BEEN TRANSFERRED ONTO THESE PLANS. THE ENGINEER OR ARCHITECT ALSO HEREBY CERTIFIES THAT ALL EXISTING AND/OR PROPOSED PUBLIC RIGHT-OF-WAY OR EASEMENTS HAVE BEEN CORRECTLY PLOTTED/SHOWN.
- 8. THE ENGINEER, OR LAND SURVEYOR OF RECORD SHALL CERTIFY UPON COMPLETION OF CONSTRUCTION THAT ALL PUBLIC IMPROVEMENTS (WATER AND SEWER UTILITIES, STORM SEWER, CONCRETE, PAVING, STREET LIGHTS, ETC.) HAVE BEEN INSTALLED AT THE LOCATIONS AND ELEVATIONS SHOWN ON THE APPROVED PLANS. ANY CHANGES SHALL BE REFLECTED ON "AS-BUILT" DRAWINGS PROVIDED BY THE ENGINEER TO THE CITY'S ENGINEERING DEPARTMENT
- 9. THE REGISTERED ENGINEER OR LAND SURVEYOR SHALL CERTIFY THAT THE MINIMUM HORIZONTAL AND VERTICAL SEPARATIONS BETWEEN UTILITIES WITHIN PUBLIC RIGHT-OF-WAY OR EASEMENTS HAVE BEEN MAINTAINED AS REQUIRED BY LAW OR POLICY.
- 10. THE DEVELOPER SHALL PROVIDE ALL CONSTRUCTION STAKING FOR THE PROJECT.
- 11. THE DEVELOPER OR THE ENGINEER IS RESPONSIBLE FOR ARRANGING FOR THE RELOCATION OR REMOVAL OF ALL UTILITIES OR FACILITIES THAT ARE IN CONFLICT WITH THE PROPOSED PUBLIC IMPROVEMENTS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE RELOCATION OF ALL UTILITIES, POWER POLES, IRRIGATION DRY-UPS, RESETS REMOVALS BY OTHERS, ETC.
- 12. THE CONTRACTORS SHALL LOCATE ALL UTILITIES PRIOR TO EXCAVATION AND AVOID DAMAGE TO SAME. CALL (602) 263-1100 FOR BLUE STAKE TWO WORKING DAYS PRIOR TO DIGGING. CALL SALT RIVER PROJECT FOR POLE BRACING. ELECTRIC SERVICE OR CONSTRUCTION SCHEDULING AT (602) 273-8888.
- 13. WHEN GAS MAINS AND/OR SERVICES ARE EXPOSED, CONTACT THE CITY OF MESA AT (480) 644-2261 FOR INSPECTION OF THE EXPOSED PIPE AND COATING PRIOR TO BACKFILLING OF THE TRENCH.
- 14. CONTRACTORS SHALL COMPLY WITH THE PROVISIONS FOR TRAFFIC CONTROL AND BARRICADING PER THE CURRENT CITY OF MESA TRAFFIC BARRICADE MANUAL.
- 15. IF A FIRE HYDRANT IS NEEDED TO OBTAIN CONSTRUCTION WATER, THE CONTRACTOR SHALL OBTAIN A FIRE HYDRANT METER FROM PERMIT SERVICES AND PAY ALL APPLICABLE FEES AND CHARGES.
- 16. IF DURING THE CONSTRUCTION OF A PUBLIC FACILITY, THE CONTRACTOR FAILS TO OR IS UNABLE TO COMPLY WITH A REQUEST OF THE CITY INSPECTOR, AND IT IS NECESSARY FOR CITY FORCES TO DO WORK THAT IS NORMALLY THE CONTRACTOR'S RESPONSIBILITY, THE CITY SHALL BE JUSTIFIED IN BILLING THE CONTRACTOR. EACH INCIDENT REQUIRING WORK BY CITY FORCES SHALL BE COVERED BY A SEPARATE BILLING AT THE CURRENT APPLICABLE RATES.
- 17. THE CONTRACTOR IS ADVISED THAT DAMAGE TO PUBLIC SERVICES OR SYSTEMS AS A RESULT OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AND INSPECTED BY THE CITY INSPECTOR. UNLESS OTHERWISE APPROVED BY THE CITY, ALL REPAIRS SHALL BE DONE WITHIN 24 HOURS. THE CONTRACTOR IS ADVISED THAT ANY COSTS RELATED TO REPAIR OR REPLACEMENT OF DAMAGED PUBLIC SERVICES AND SYSTEMS AS A RESULT OF CONTRACTOR'S ACTIVITIES SHALL BE BORNE BY THE CONTRACTOR.

# CITY OF MESA PUBLIC STREET LIGHTING

THE FOLLOWING GENERAL NOTE(S) ARE REQUIRED WHEN A PRIVATE LAND DEVELOPMENT PROJECT WILL BE INSTALLING, CONSTRUCTING OR MODIFYING THE PUBLIC STREET LIGHTING SYSTEM. THESE NOTES ARE IN ADDITION TO THE GENERAL REQUIREMENTS NOTES.

- 1. STREET LIGHT CONDUITS SHOULD BE INSTALLED PRIOR TO DRIVEWAY INSTALLATIONS. IF STREETLIGHT CONDUIT IS INSTALLED AFTER DRIVEWAY INSTALLATION, CONTRACTOR SHALL BORE CONDUIT UNDER THE DRIVEWAY PER CITY OF MESA DETAIL M-18. MEANDERING THE CONDUIT BEHIND THE DRIVEWAY ENTRANCE WILL NOT BE PERMITTED.
- MATERIALS AND INSTALLATION OF THIS PROJECT SHALL COMPLY WITH THE CURRENT MESA STANDARD DETAILS, AMENDMENTS TO THE UNIFORM STANDARD DETAILS, THE CITY OF MESA ENGINEERING PROCEDURE MANUAL AND AMENDMENTS TO THE CITY OF MESA ENGINEERING PROCEDURE MANUAL.
- THE CONTRACTOR SHALL HAVE AT LEAST AN IMSA-CERTIFIED LEVEL 1 STREET LIGHT TECHNICIAN OR AN IMSA LEVEL 1 TRAFFIC SIGNAL TECHNICIAN ON SITE DURING ALL PHASES OF ANY STREET LIGHT WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE VERIFICATION OF THIS CERTIFICATION. IF A JOB SITE IS INSPECTED AND NO TECHNICIAN IS PRESENT ON SITE, ANY WORK ASSOCIATED WITH THE STREET LIGHTS WILL BE SUSPENDED.
- 4. ALL TREES SHALL BE PLANTED A MINIMUM OF EIGHTEEN (18) FEET FROM STREET LIGHT POLES AND LIGHTING CONTROL CABINETS. ALL SHRUBS SHALL BE PLANTED A MINIMUM OF SEVEN (7) FEET FROM STREET LIGHT POLES AND LIGHTING CONTROL CABINETS.
- 5. ALL CONDUIT, CONDUCTORS, WIRE, AND QUANTITIES SHALL BE MEASURED BY THE LINEAR FOOT HORIZONTALLY BETWEEN POLES. PULL BOXES AND CONTROL CABINETS. NO ADDITIONAL PAYMENT WILL BE MADE FOR SWEEPS AND VERTICAL RUNS. AS THEY SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND INCLUDED IN THE HORIZONTAL MEASUREMENT OF THE QUANTITIES.
- 6. CONDUITS SHOULD BE INSTALLED PRIOR TO DRIVEWAY INSTALLATIONS. IF CONDUIT IS INSTALLED AFTER DRIVEWAY INSTALLATION, THE CONTRACTOR SHALL BORE UNDER THE DRIVEWAY, PER CITY OF MESA DETAIL M-18, FOR CONDUIT INSTALLATION. MEANDERING THE CONDUIT BEHIND THE ENTRANCE WILL NOT BE ALLOWED.
- 7. NOTE: THE LOCATION OF THE TRAFFIC SIGNAL FIBER OPTIC CONDUIT (TSFO) AS SHOWN IS DRAWN AT AN OFFSET AND IS FOR GRAPHICAL REPRESENTATION ONLY AND SHALL BE INSTALLED IN A JOINT TRENCH WITH THE STREET LIGHT CONDUIT PER COM DETAIL M-93.3 & 93.4.
- FOR AREAS WHERE 24-INCHES OF COVER IS NOT POSSIBLE, SEE CHAPTER 9 OF THE CITY OF MESA ENGINEERING & DESIGN STANDARDS. SAID AREAS SHALL BE IDENTIFIED ON PLANS. SUPPLY FULL CONFLICT DATA INCLUDING TOP OF CURB, SIZE & MATERIAL OF PIPE, INVERT, ETC.
- TO RETURN SALVAGED STREET LIGHT MATERIALS, THE CONTRACTOR SHALL CONTACT THE STREET LIGHT FOREMAN FOR THE AREA THE WORK IS OCCURRING IN. WEST OF VAL VISTA DRIVE, CALL 480-644-3178. EAST OF VAL VISTA DRIVE, CALL 480-644-5077 ARRANGEMENTS TO DELIVER MATERIALS MUST BE MADE A MINIMUM OF 48 HOURS IN ADVANCE. THE CONTRACTOR IS RESPONSIBLE FOR UNLOADING AND STACKING ALL MATERIALS. A CITY OF MESA STAFF MEMBER MUST BE PRESENT WHEN MATERIALS ARE DELIVERED TO GET CREDIT FOR THE SALVAGED MATERIALS.
- 10. ALL EXISTING CONCRETE DISTURBED OR DAMAGED DURING THE INSTALLATION OR REMOVAL OF STREET LIGHTING SYSTEMS SHALL BE REPLACE IN KIND. THE WORK IS TO BE COORDINATE WITH THE CITY

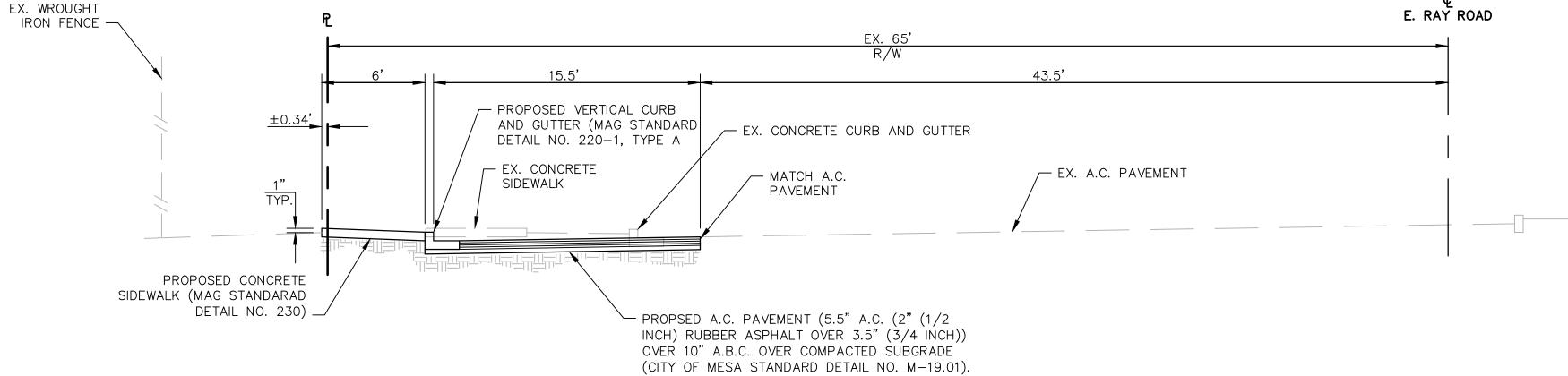
INSPECTOR.

- 11. ALL EXISTING LANDSCAPE, HARDSCAPE OR SPRINKLER SYSTEMS DISTURBED OR DAMAGED DURING THE INSTALLATION OR REMOVAL OF STREET LIGHTING SYSTEMS SHALL BE REPLACED IN KIND. THE WORK IS TO BE COORDINATED WITH THE CITY INSPECTOR
- THE CONTRACTOR IS TO USE UTMOST CAUTION WHILE WORKING AROUND ALL OVERHEAD AND UNDERGROUND UTILITIES. ESPECIALLY ELECTRIC, GAS, WATER, SEWER AND FIBER OPTIC LINES.

# PUBLIC STREET/RIGHT-OF-WAY IMPROVEMENT

THE FOLLOWING NOTE(S) ARE REQUIRED WHENEVER THE PRIVATE LAND DEVELOPMENT PROJECT CONSTRUCTS, INSTALLS OR MODIFIES PUBLIC STREET IMPROVEMENTS. THESE NOTES ARE IN ADDITION TO THE GENERAL REQUIREMENT NOTES.

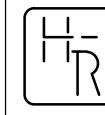
- THE DEVELOPER AND THE CONTRACTOR ARE REQUIRED TO COORDINATE THE PLACEMENT OR INSTALLATION OF DRIVEWAYS IN ORDER TO AVOID CONFLICT WITH UTILITY SERVICES.
- ALL FRAMES, COVERS, VALVE BOXES, MANHOLES, ETC., SHALL BE INSTALLED TO FINISH GRADE OR SHALL BE ADJUSTED TO FINISH GRADE AFTER PLACING OF ASPHALTIC SURFACE COURSE BY THE CONTRACTOR PER M.A.G. STANDARD DETAIL 270 AND 422.
- THE CONTRACTOR SHALL ADJUST ALL FRAMES, COVERS, VALVE BOXES, MANHOLES, ETC. THAT ARE LOCATED WITHIN THE PARKWAY AREA AFTER FINAL GRADING AND INSTALLATION OF LANDSCAPING.
- ALL LANDSCAPING IMPROVEMENTS, INCLUDING IRRIGATION SYSTEMS WITHIN THE PUBLIC RIGHT-OF-WAY OR RETENTION BASINS THAT ARE TO BE MAINTAINED BY THE CITY OF MESA, SHALL BE IN ACCORDANCE WITH THE LANDSCAPING AND IRRIGATION STANDARDS BOOKLET.
- THE STREET PAVING PERMITTEE/CONTRACTOR IS HEREBY NOTIFIED THAT IN THE EVENT THAT ACCEPTANCE OF THE PUBLIC STREET PAVING IS DELAYED; SIX MONTHS OR MORE AFTER THE PAVEMENT WAS INSTALLED, THE PERMITTEE/CONTRACTOR SHALL APPLY A SEAL COAT TO THE PAVEMENT. TYPE OF MATERIAL AND RATE OF APPLICATION WILL BE DIRECTED BY THE CITY OF MESA ENGINEERING DEPARTMENT.
- A STANDARD RESIDENTIAL DRIVEWAY APPROACH SHALL BE CONSTRUCTED TO A MAXIMUM WIDTH OF 30 FEET UNLESS SPECIAL APPROVAL HAS BEEN OBTAINED.







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HESS - ROUNTREE, INC. CONSULTING ENGINEERS & LAND SURVEYORS 9831 SOUTH 51ST STREET, SUITE C110 PHOENIX, ARIZONA 85044 (480)496-0244

JOB NO. **2302-18** DRN. ANM CKD. PMJ

### LEGEND

1402.58 EXISTING BACK OF CURB ELEVATION

× 1402.10 EXISTING GUTTER ELEVATION

1402.45 EXISTING PAVEMENT ELEVATION

1402.89 EXISTING DECOMPOSED GRANITE ELEVATION

\* 1402.90 EXISTING SIDEWALK ELEVATION

1402.62 EXISTING FLOWLINE ELEVATION

1404.98 EXISTING CONCRETE ELEVATION

O SIGN *Existing sign* 

SLP EXISTING STREET LIGHT POLE

⊗ ICV EXISTING IRRIGATION CONTROL VALVE

EXISTING IRRIGATION DRIP BOX

EXISTING ELECTRIC BOX

☑ COMBX *EXISTING COMMUNICATION BOX* 

( ) SDMH EXISTING STORM DRAIN MANHOLE

( ) SSMH EXISTING SANITARY SEWER MANHOLE

⋈ WMB EXISTING WATER METER BOX

EXISTING WATER RISER

EXISTING FIRE HYDRANT

EXISTING WATER VALVE

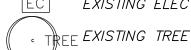
EXISTING RISER PIPE

OO DCV EXISTING DOUBLE CHECK VALVE

EXISTING POST

EXISTING COMMUNICATION VAULT

EXISTING ELECTRIC CABINET



F\_=10.21 PROPOSED FLOWLINE ELEVATION

C=10.86 PROPOSED CONCRETE ELEVATION

P=10.74 PROPOSED PAVEMENT ELEVATION

TC=10.88 PROPOSED TOP OF CURB ELEVATION

G=10.38 PROPOSED GUTTER ELEVATION

S=0.51% PROPOSED SLOPE ELEVATION

PROPOSED CONCRETE SIDEWALK (MAG STANDARD DETAIL NO. 230).

·················· OVER 10" A.B.C. OVER COMPACTED SUBGRADE

PROPOSED A.C. PAVEMENT (5.5" A.C. (2" (1/2 INCH) RUBBER ASPHALT OVER 3.5" (3/4 INCH) OVER 10" A.B.C. ····· OVER COMPACTED SUBGRADE

INSTALL ASPHALTIC CONCRETE PAVEMENT 2" (1/2" PMTR SURFACE COURSE OVER 3.5" (3/4" PMTR BASE COURSE)

NOTES. CROSS-SECTION AND LEGEND SHEET

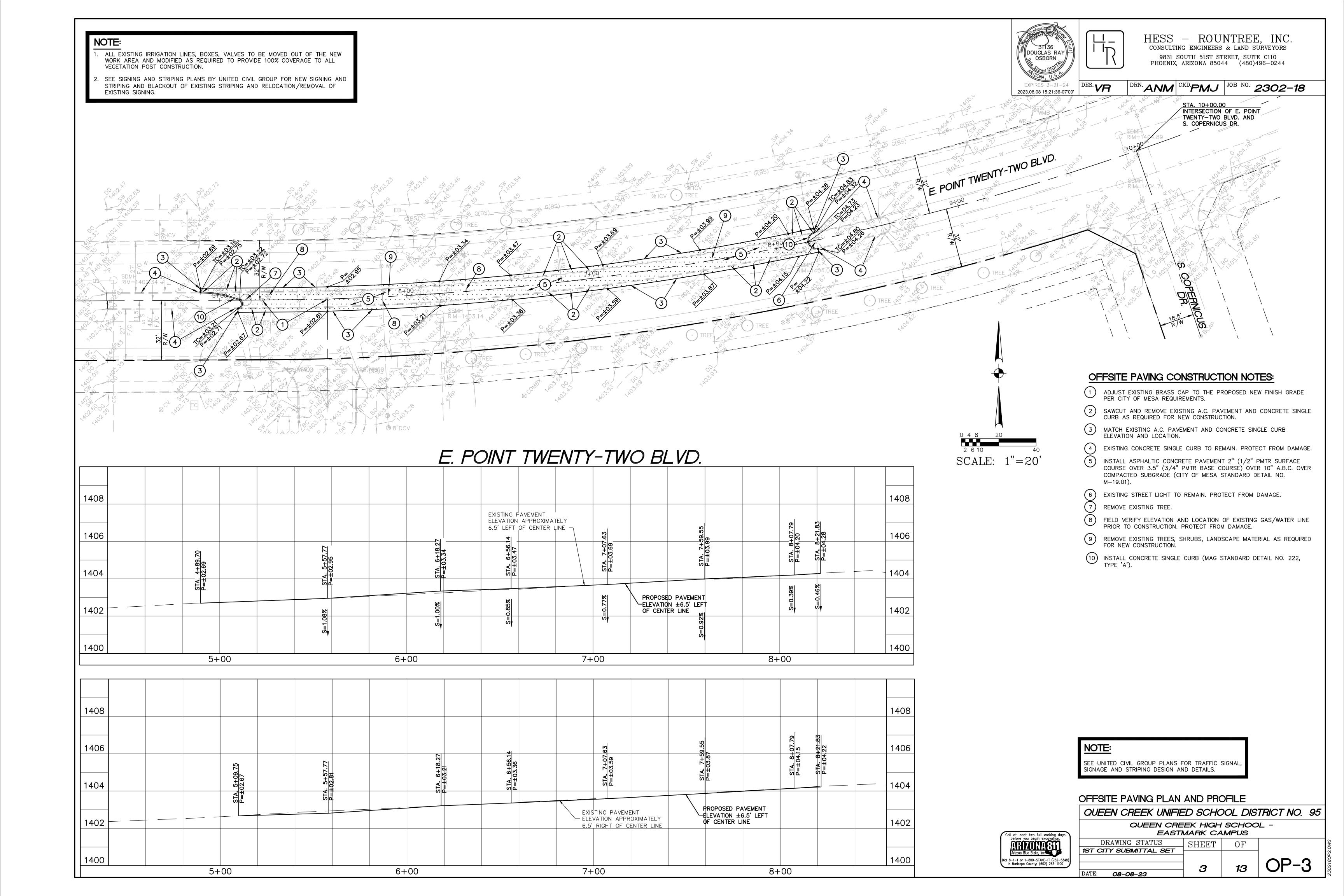
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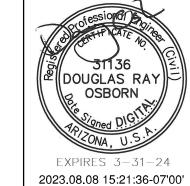
QUEEN CREEK UNIFIED SCHOOL DISTRICT NO. 95

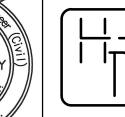
QUEEN CREEK HIGH SCHOOL -EASTMARK CAMPUS

DRAWING STATUS SHEET 1ST CITY SUBMITTAL SET









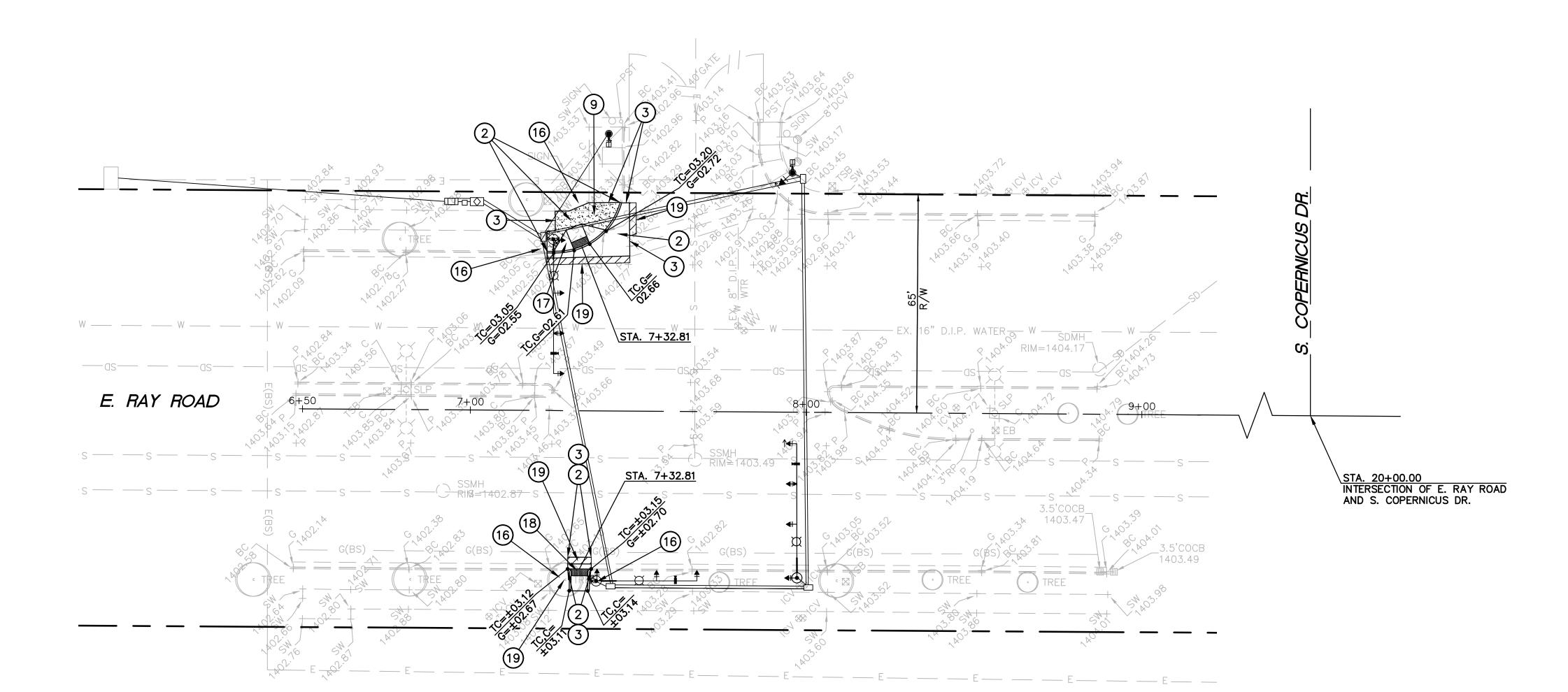
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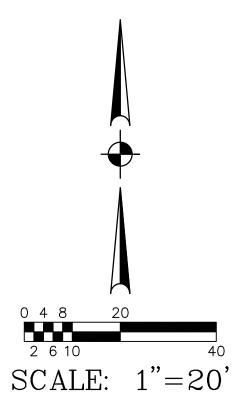
# OFFSITE PAVING CONSTRUCTION NOTES:

- EXISTING COMMUNICATION VAULT TO BE RELOCATED. CONTRACTOR TO COORDINATE WITH THE UTILITY COMPANY FOR RELOCATION.
- SAWCUT AND REMOVE EXISTING A.C. PAVEMENT. CONCRETE SINGLE CURB, CONCRETE VERTICAL CURB, GUTTER, APRON AND SIDEWALK AS REQUIRED FOR NEW CONSTRUCTION.
- MATCH EXISTING A.C. PAVEMENT, CONCRETE VERTICAL CURB, GUTTER AND SIDEWALK ELEVATION AND LOCATION.
- EXISTING CONCRETE SIDEWALK, CONCRETE VERTICAL CURB AND GUTTER, CONCRETE APRON, CONCRETE VALLEY GUTTER TO REMAIN. PROTECT
- INSTALL ASPHALTIC CONCRETE PAVEMENT (5.5" A.C. (2" (1/2 INCH) RUBBER ASPHALT OVER 3.5" (3/4 INCH)) OVER 10" A.B.C. OVER COMPACTED SUBGRADE (CITY OF MESA STANDARD DETAIL NO. M-19.01).
- SEE UNITED CIVIL GROUP ENGINEERING PLANS FOR RELOCATION/MODIFICATION OF EXISTING TRAFFIC SIGNAL POLE, STREET LIGHTS, ELECTRICAL LINES AND ELECTRICAL BOXES.
- EXISTING FIRE HYDRANT TO BE RELOCATED TO THE NEW LOCATION INDICATION. REPAINT AND TEST THE FIRE HYDRANT AS PER CITY OF MESA REQUIREMENTS.
- INSTALL 6" DUCTILE IRON PIPE (PRESSURE CLASS 350) FIRE LINE POLYWRAP PER MAG SPECIFICATIONS SECTION 610.6.
- CONSTRUCT CONCRETE SIDEWALK (MAG STANDARD DETAIL NO. 230).
- (10) INSTALL CONCRETE VERTICAL CURB AND GUTTER (MAG STANDARD DETAIL NO. 220-1, TYPE A).
- (11) INSTALL CONCRETE VALLEY GUTTER AND APRON (MAG STANDARD DETAIL NO. 240).
- 12) INSTALL DUAL CURB DIRECTIONAL SIDEWALK RAMPS, TYPE B-RETROFIT (CITY OF MESA STANDARD DETAIL NO. M-44.04.1).
- REMOVE EXISTING TREES, SHRUBS, LANDSCAPE MATERIAL AS REQUIRED FOR NEW CONSTRUCTION.
- (14) FIELD VERIFY ELEVATION AND LOCATION OF EXISTING ELECTRICAL/COMMUNICATION LINE PRIOR TO CONSTRUCTION. PROTECT FROM DAMAGE.
- CONNECT NEW 6" FIRE LINE TO EXISTING 6" FIRE LINE. FIELD VERIFY LOCATION AND ELEVATION OF EXISTING FIRE LINE PRIOR TO THE START OF CONSTRUCTION.
- STRAIGHT GRADE FROM 1" BELOW TOP OF CONCRETE SIDEWALK/CURB TO MATCH EXISTING GRADE WITH A MAXIMUM 5:1 SLOPE. REPLACE NEW DG, SHRUBS, PLANTS, TREE, IRRIGATION AS REQUIRED PER NEW CONSTRUCTION
- 17) INSTALL SIDEWALK RAMP, TYPE B-RETROFIT (CITY OF MESA STANDARD DETAIL NO. M-44.04.1). MODIFIED AS SHOWN.
- (18) INSTALL SIDEWALK RAMP, TYPE B-RETROFIT (CITY OF MESA STANDARD DETAIL NO. M-44.05).
- SAWCUT, REMOVE AND REPLACE EXISTING A.C. PAVEMENT (CITY OF MESA STANDARD DETAIL NO.'S 19.04.1 AND 19.04.2)



NOTE:

SEE UNITED CIVIL GROUP PLANS FOR TRAFFIC SIGNAL, SIGNAGE AND STRIPING DESIGN AND DETAILS.



#### NOTE:

Call at least two full working days before you begin excavation.

oial 8—1—1 or 1—800—STAKE—IT (782—5348 In Maricopa County: (602) 263—1100

- ALL EXISTING IRRIGATION LINES, BOXES, VALVES TO BE MOVED OUT OF THE NEW WORK AREA AND MODIFIED AS REQUIRED TO PROVIDE 100% COVERAGE TO ALL VEGETATION POST CONSTRUCTION.
- SEE SIGNING AND STRIPING PLANS BY UNITED CIVIL GROUP FOR NEW SIGNING AND STRIPING AND BLACKOUT OF EXISTING STRIPING AND RELOCATION/REMOVAL OF EXISTING SIGNAGES.

#### OFFSITE PAVING PLAN

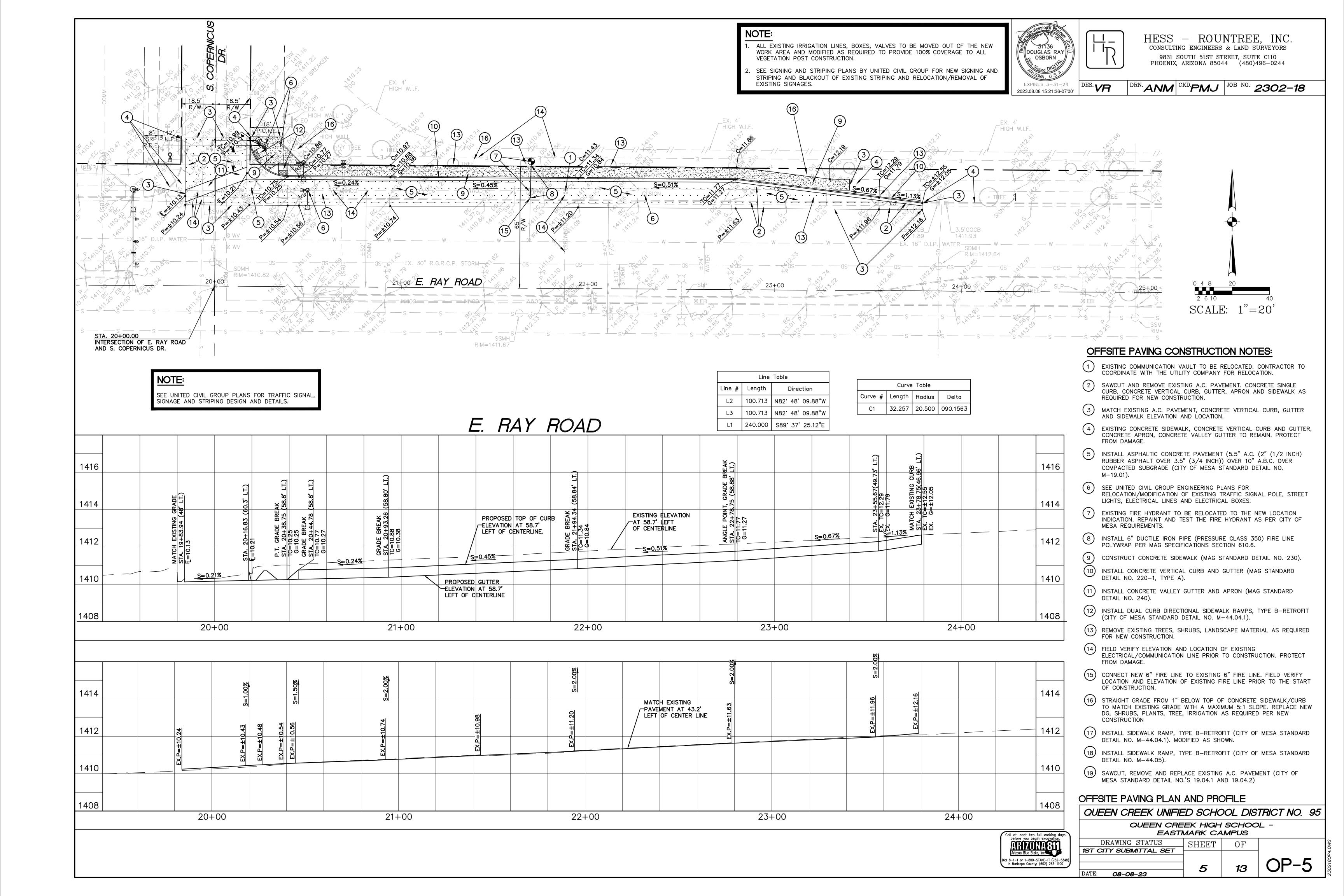
DATE: **08-08-23** 

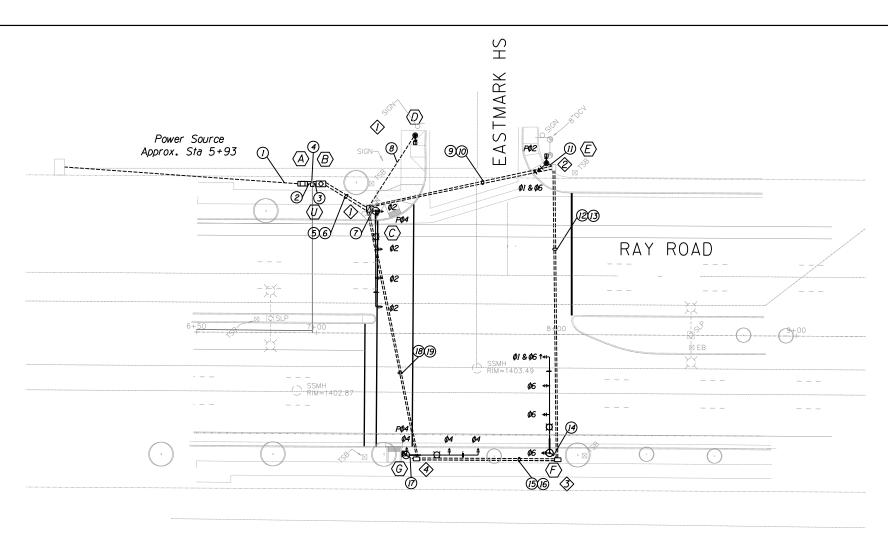
#### QUEEN CREEK UNIFIED SCHOOL DISTRICT NO. 95

**QUEEN CREEK HIGH SCHOOL -**EASTMARK CAMPUS

DRAWING STATUS SHEET 1ST CITY SUBMITTAL SET

OP-4







NO.

NO.

 $\Diamond$ 

**②** 

③

**4**>

FOUNDATION SCHEDULE

Stationing

Sta 7+02.0.

Sta 6+94.0,

Sta 6+98.3,

Sta 7+24.7, 51.0' L

Sta 7+41.2,

Sta 7+96.0,

Sta 7+97.0, 49.4' R

Sta 7+37.4. 50.7' R

Stationina

Sta 7+21.2,

51.8' L Sta 7+99.1,

Sta 8+00.6, 52.2' R

Sta 7+41.7, 52.2' R

82.6' L

71.2' L

62.1' L

62.1' L

61.7' L

Type

Service Pedestal

(M-91.02)

Controller Cabinet

Type V (M-92.01)

Uniterupted Power

Supply

Q Pole (M-94.08)

A Pole (M-94.03)

A Pole (M-94.03)

Q Pole (M-94.08)

Q Pole (M-94.08)

Type

#8

#7

#7

#7

PULL BOX SCHEDULE





United Civil Group 2803 North 7th Avenue Phoenix, Arizona 85007 (602) 265 - 6155

DES. DBK DRN. DBK CKD.SAS JOB NO. 2302-18

	POLE SCHEDULE
$\langle A \rangle$	New 100 AMP Service Pedestal (M-91.02) (City of Mesa Electical Power Service)
(B)	New Type V Control Cabinet on Type V Fountation with Porch Slab (M-92.01)
(C)	New Com Type 0 Pole 35' (M-94.04, 05 & 06) with 40' Signal Mast Arm, 20' LMA 400W HPS.    VOCTO EVP
<b>O</b>	New Com Type A Pole, 10' (M-94.03)  til  M/H,V
E	New Com Type A Pole, 10' (M-94.03)  M/H,V Type 1 PPB (R)  M-95.06 & M-99.01
F	New Com Type O Pole 35' (M-94.04, 05 & 06) with 40' Signal Mast Arm, 20' LMA 400W HPS.  VOEC EXP  12' \$ 12' \$ F,   F,   F, V
F	New Com Type 0 Pole 35' (M-94.04, 05 & 06) with 30' Signal Mast Arm, 20' LMA 400W HPS.

#### GENERAL NOTES

1. THE CITY OF MESA REQUIRES AT LEAST ONE INTERNATIONAL MUNICIPAL SIGNAL ASSOCIATION (IMSA) LEVEL I AND ONE LEVEL II CERTIFIED TRAFFIC SIGNAL TECHNICIAN ON SITE DURING ALL PHASES OF ANY TRAFFIC SIGNAL WORK. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE VERIFICATION OF CERTIFICATION. IF A JOB SITE IS INSPECTED AND A CERTIFIED TECHNICIAN IS NOT ON SITE, THE JOB WILL BE SHUT DOWN.

- 2. ALL TRAFFIC EQUIPMENT AND CONSTRUCTION SHALL CONFORM TO THE CITY OF MESA STANDARD SPECIFICATIONS, DRAWINGS AND PROCEDURES SUPPLEMENTED BY ADOT SPECIFICATIONS AND STANDARD DRAWINGS.
- 3. LOCATION OF UTILITIES SHOWN ON THIS PLAN ARE FOR REFERENCE ONLY. THE ENGINEER DOES NOT GUARANTEE THESE LOCATIONS NOR THE FACT THAT SOME MAY BE LEFT OUT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT BLUE STAKE AND ALL INVOLVED AGENCIES PRIOR TO CONSTRUCTION.
- 4. TOP OF SIGNAL POLE FOUNDATIONS AND PULL BOXES SHALL BE AT THE SAME ELEVATION AS THE BACK OF SIDEWALK (M-92.03 & M-93.01).
- 5. NEW CONDUIT UNDER ROADWAY SHALL BE PLACED BY JACKING OR BORING METHOD (M-18). CONTRACTOR SHALL NOT TRENCH EXISTING PAVEMENT WITHOUT PRIOR APPROVAL OF ENGINEER.
- CONTACT APPROPRIATE UTILITIES FOR UTILITY LOCATION PRIOR TO START OF CONSTRUCTION.

SOUTHWEST GAS GAS CABLE TV CITY OF MESA WATER SRVWUA IRRIGATION CITY OF MESA SALT RIVER PROJECT ELECTRICITY CITY OF MESA STREET LIGHTS BLUE STAKE 602-263-1100 CITY OF MESA STORM DRAIN TELEPHONE

- 7. CONTRACTOR SHALL PROVIDE ADA ACCESS PAD TO PEDESTRIAN PUSH BUTTONS TO MEET ALL ADA ACCESSIBILITY REQUIREMENTS (M-44.01.1).
- 8. PUSH BUTTON MUST BE LOCATED NEXT TO A LEVEL LANDING PAD (36"X48" MINIMUM). "LEVEL" IS DEFINED AS HAVING A SLOPE LESS THAN 2%. THE PUSH BUTTON MUST BE WITHIN 10 INCHES REACH OF THE LEVEL LANDING PAD AND MUST BE WITHIN 5' OF CROSSWALK LINE. PUSH BUTTON MUST BE LOCATED WITHIN 6 FOOT (PREFERRED) OR 10 FOOT (MAXIMUM) FROM THE CURB. TWO PUSH BUTTONS ON THE SAME CORNER SHOULD BE SEPERATED BY AT LEAST 10 FEET.



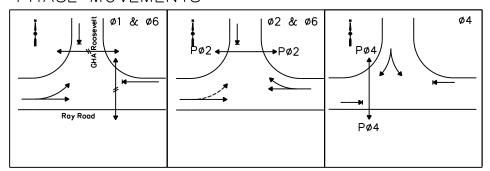
QUEEN CREEK UNIFIED SCHOOL DISTRICT NO. 95									
SIGNAL DESIGN PLANS FOR EASTMARK HIGH SCHOOL									
DRAWING STATUS	SHEET	OF							
DATE: 8/08/23	6	13							

#### CONDUCTOR SCHEDULE

CONDUIT RUN	NUMBER	(1)	(2)	(3)	(4)	(5)	6	(7)	(8)	(9)	(10)	(II)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)						$\neg$
CONDUIT SIZ	E IN INCHES	3		3										3								П		П	$\neg$	$\neg$
AWG	CIRCUIT PHASE									N	UMB	ER	OF	WIRE	S	•	•		•							$\neg$
	CABLE *1 25 CONDUCTOR CABLE					1				1			1			1			1							
#16	CABLE #2 25 CONDUCTOR CABLE	]				1				1			1			1			1							
IMSA	7 CONDUCTOR CABLE	]						l				1			1			1							$\Box$	
19-1	5 CONDUCTOR CABLE	]						4	1			l			3			3								
	2 CONDUCTOR CABLE	]						l	1			1						1								
<u> </u>																										
VIDEO	CAT 5 - VIDEO DET	] .					3	1							1		1			2						
DETECTION		•																								
		] `																								
*10 XHHW	LIGHTING				2		2	٥							2		2	2		٥						
#8	GREEN, THHN/THWN	]	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
	STRANDED BOND WIRE	]																								
•	OPTICOM PRE-EMPT CABLE	]					2	1							1		1			1						
F0	FIBER OPTIC CABLE																									
*10	BLACK (POWER RUN)																									
XHHW	WHITE (POWER RUN)																									

- \* SIGNAL CABLE: C.O.M. CABLE 19-1, "16 AWG 2, 5, 7, & 25 CONDUCTOR, STRANDED COPPER, 90C HI-TEMP
- FIRE PRE-EMPTION CABLE: 20 AWG, 3 CONDUCTOR, STRANDED, BLUE/ORANGE/YELLOW WITH DRAIN WIRE
- SRP 2.5" RED CONDUIT. DEPTH PER SRP REQUIREMENTS, WIRE SIZE/QUANTITIES PER SRP SPECIFICATIONS
- FO FIBER OPTIC COMMUNICATIONS CABLE: 4-STRAND GATOR PATCH BRANCH CABLE

#### PHASE MOVEMENTS













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DES. DBK DRN. DBK CKDSAS JOB NO. 2302-18

#### LEGEND

CONDUIT RUN

NO. 8 PULL BOX

NO. 7 PULL BOX

CONTROLLER CABINET

TRAFFIC SIGNAL POLE W/ FOUNDATION

CUMINAIRE ON MAST ARM

TRAFFIC SIGNAL HEAD

→ PEDESTRIAN HEAD

à PEDESTRIAN PUSH BUTTON

► EMERGENCY VEHICLE PREEMPTION

\_ INTERNALLY ILLUMINATED

STREET NAME SIGN VIDEO DETECTION

(12) CONDUIT RUN NUMBER

PULL BOX NUMBER

© EQUIPMENT NUMBER

CONSTRUCTION NOTE

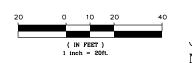
CCTV CAMERA

Eastmark HS
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METRO SIGNAGE



DUEEN CREEK UNIFIE	D SCH	OOL DIS	TRICT NO. 95						
CONDUCTOR SCHEDULE FOR EASTMARK HIGH SCHOOL									
DRAWING STATUS	SHEET	OF							
ATE: 8/08/23	7	13							

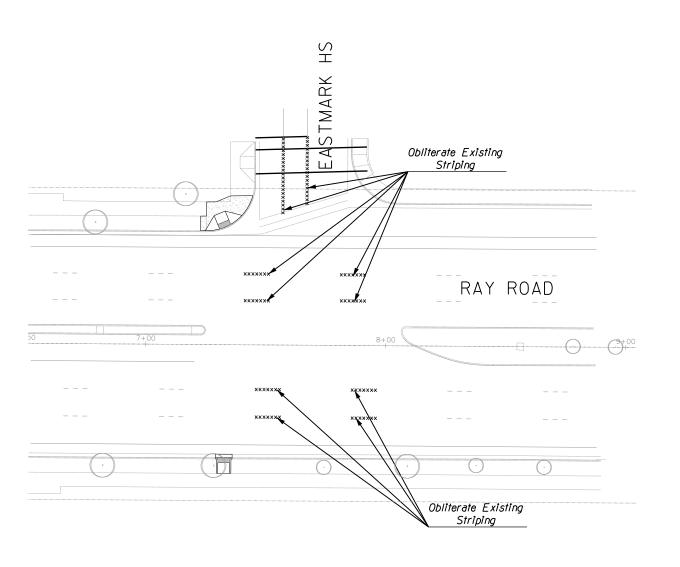






United Civil Group 2803 North 7th Avenue Phoenix, Arizona 85007 (602) 265 - 6155

DES. DBK DRN. DBK CKD. SAS JOB NO. 2302-18



Cc	ıll at least two full workir before you begin excava	g days
	before you begin excovo	tion.
	IAHIZUNA 8	ul L
	Arizona Blue Stake, Inc.	<b>)</b>
)ial	8-1-1 or 1-800-STAKE-IT ( n Maricopa County: (602) 26	782-5348)
1	n Maricopa County: (602) 26.	3-1100

OUEEN CREEK UNIFIED SCHOOL DISTRICT NO. 95									
STRIPING OBLITERATION (EASTMARK HS) FOR EASTMARK HIGH SCHOOL									
DRAWING STATUS	SHEET	OF							
DATE: 8/08/23	8	13							

#### SIGNING GENERAL NOTES

- 1. ALL REFLECTIVE SHEETING MATERIAL(S) SHALL BE PRESSURE SENSITIVE ASTM TYPE IV WIDE ANGLE WHITE PRISMATIC SHEETING OR APPROVED EQUAL WITH THE FOLLOWING
- ALL WARNING SIGNS (YELLOW SERIES) SHALL BE ASTM XI (FLOURESCENT YELLOW SHEETING).
- ALL REGULATORY SIGNS SHALL BE ASTM TYPE IV SHEETING.
- STREET NAME SIGNS:
  - ANY ARTERIAL INTERSECTION (ALL BLADES) SHALL BE ASTM TYPE XI SHEETING.
- ALL OTHER INTERSECTIONS SHALL BE ASTM TYPE IV SHEETING
   ALL PEDESTRIAN AND SCHOOL AREA SIGNING SHALL BE ASTM TYPE XI SHEETING (FLOURESCENT YELLOW-GREEN)
- 2. SIGN IMAGING SHALL BE IN COMPLIANCE WITH THE REFELECTIVE SHEETING MANUFACTURERS MATCHED COMPONENT SYSTEM. SIGN IMAGING SHALL CONSIST OF A TRANSPARENT ACRYLIC BASED ELECTRONIC CUTTABLE FILM (3M 1170 SERIES OR EQUIVALENT) OR SILK SCREENED (DEPENDING ON THE QUANTITY OF SIGNAGE) WITH STANDARD HIGHWAY COLORS.
- 3. STREET NAME SIGNS:
- PUBLIC STREETS SHALL BE PRESSURE SENSITIVE 3M #1177 GREEN ELECTRO CUT FILM OR APPROVED EQUAL.
- PRIVATE STREETS SHALL BE PRESSURE SENSITIVE 3M #1175 BLUE ELECTRO CUT FILM OR APPROVED EQUAL.
- 4. ANY REQUEST TO USE SHEETING OTHER THAN THAT SPECIFIED ABOVE SHALL BE MADE IN WRITING TO THE CITY TRAFFIC ENGINEER 30 DAYS IN ADVANCE OF INSTALLATION. 5. THE DEVELOPER IS RESPONSIBLE FOR THE INSTALLATION OF ALL SIGNS. SEE MESA STANDARD DETAILS M-20.01 THRU M-23.07. SIGN POST INSTALLATION SHALL BE PER M-39.
  - ALL SIGN LAYOUTS ARE SUBJECT TO APPROVAL BY THE CITY OF MESA. SHOP DRAWINGS
  SHALL BE SUBMITTED TO THE CITY OF MESA TRANSPORTATION DEPARTMENT FOR ALL
- NEW SIGNING PRIOR TO SIGN FABRICATION AND INSTALLATION. CONTACT THE SIGN SHOP AT 480-644-3175 OR 480-644-2160 TO SUBMIT SHOP DRAWINGS AND FOR APPROVAL. PRIVATE STREET NAME SIGNS AND TRAFFIC CONTROL SIGNS INSTALLED ON PRIVATE STREETS SHALL BE THE RESPONSIBILITY OF THE HOMEOWNER'S ASSOCIATION (PROPERTY OWNER(S)) IN PERPETUITY.

ENGINEERING & DESIGN STANDARDS PUBLIC STREETS

- May 2022 31
- 6. ALL SIGNING SHALL CONFORM TO THE REQUIREMENTS CONTAINED IN THE LATEST APPROVED EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD),
  THE LATEST APPROVED EDITION OF THE STANDARD HIGHWAY SIGNS BOOK AND THE LATEST APPROVED EDITION OF THE ARIZONA SUPPLEMENT PUBLISHED BY THE ARIZONA DEPARTMENT OF TRANSPORTATION (ADOT).
- 7. SIGNS THAT ARE REQUIRED TO BE REMOVED OR RELOCATED DURING CONSTRUCTION SHALL BE THE RESPOSIBILITY OF THE CONTRACOR. ANY SIGNING THAT IS TO BE RELOCATED OR REMOVED DUE TO CONSTRUCTION SHALL BE REINSTALLED IN ITS FINAL LOCATION PER CITY OF MESA STANDARDS. SIGNS NOT BEING RELOCATED SHALL BE RETURNED TO THE CITY OF MESA SIGN SHOP (300 E SIXTH ST).
- 8. THE CONTRACTOR SHALL ENSURE THAT AT NO TIME A TRAFFIC SIGN IS INSTALLED IN SUCH A MANNER AS TO BE BLOCKED BY A TREE OR ANY TYPE OF VEGETATION. IN THESE CASES, THE CONTRACTOR SHALL CONTACT THE TRANSPORTATION DEPARTMENT AT 480-644-2160
- TO PROVIDE AN ALTERNATE LOCATION PRIOR TO INSTALLATION.

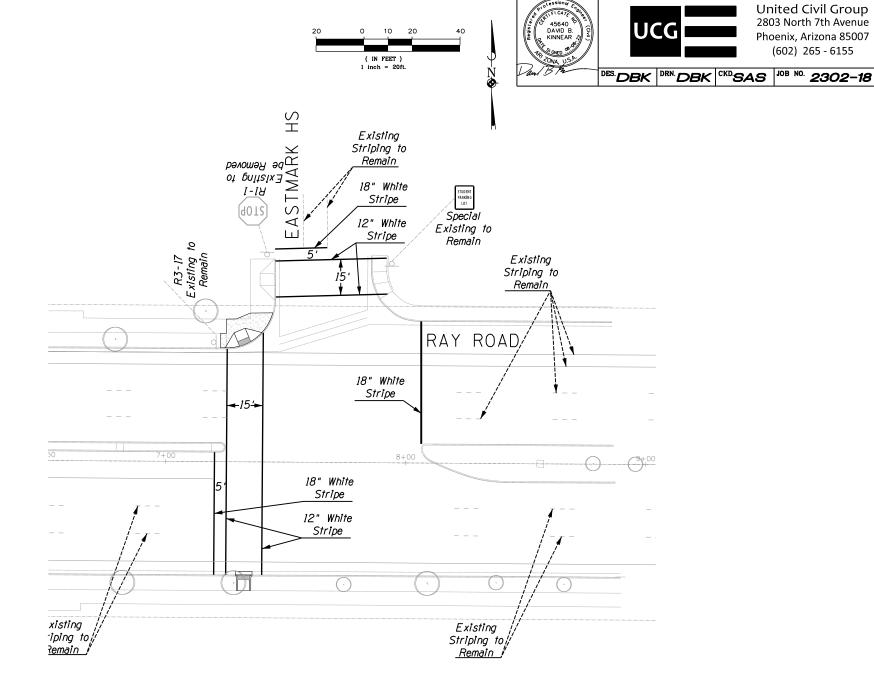
  9. ANY SIGNING INSTALLED WITHIN THE CITY OF MESA'S RIGHT-OF-WAY SHALL BE INSTALLED BY AN INDIVIDUAL THAT HAS CURRENT CERTIFICATION IN SIGNING INSTALLATION OR INSPECTION FROM AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) OR THE INTERNATIONAL MUNICIPAL SIGNAL ASSOCIATION (IMSA), EQUIVALENTS WILL BE CONSIDERED BUT MUST BE APPROVED BY THE CITY TRAFFIC ENGINEER 30 DAYS PRIOR TO INSTALLATION OF ANY SIGNING.
- 10. SIGNING QUANTITIES AND INSTALLATION LOCATIONS ARE SUBJECT TO CHANGE AT THE TIME OF INSTALLATION BASED UPON CURRENT ACCEPTED PRACTICE.

#### PAVEMENT MARKING GENERAL NOTES

- 1. ALL SIGNING AND PAVEMENT MARKING MATERIALS AND EQUIPMENT SHALL CONFORM TO THE CITY OF MESA STANDARD DETAILS, MUTCD AND ADOT STANDARD SPECIFICATIONS AND STANDARD DRAWINGS, LATEST APPROVED EDITIONS.
- 2. WHEN STRIPING OBLITERATION IS NECESSARY, IT SHALL BE ACCOMPLISHED IN CONFORMANCE WITH ADOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE
  CONSTRUCTION, 2008, SECTION 701-3.06. IF PAID FOR PER FOOT, REFER TO SECTION 701-5.05.
  GRINDING IS NOT AN ACCEPTABLE FORM OF OBLITERATION. PAINTING OVER STRIPING
  DOES NOT CONSTITUTE STRIPE OBLITERATION.
- 3. ALL LANE LINES, EDGE LINES, BIKE LANE LINES, CENTERLINES, AND PAINTED MEDIANS SHALL BE CITY APPROVED PAINT AT A MINIMUM OF 15 MIL WET THICKNESS.

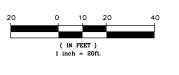
  4. ALL STOP BARS AND CROSSWALKS SHALL BE 90 MIL THICK EXTRUDED ALKYD THERMOPLASTIC MARKING MATERIAL PER ADDT STANDARD SPECIFICATIONS SECTION 704.

  5. ALL SYMBOLS AND WORD LEGENDS SHALL BE TYPE IV 90 MIL PREFORMED THERMOPLASTIC PER ADOT STANDARD SPECIFICATIONS SECTION 705 UNLESS OTHERWISE NOTED. 6. THE CONTRACTOR SHALL PAINT ALL RAISED MEDIAN ISLAND NOSES REFLECTORIZED
- YELLOW. 10 L.F. BEYOND THE RADIUS POINTS. 7. THE LANE WIDTH DIMENSIONS FOR ALL PAVEMENT MARKINGS SHALL BE FROM THE FACE OF CURB TO CENTER OF STRIPE OR CENTER OF STRIPE TO CENTER OF STRIPE UNLESS NOTED OTHERWISE.
- 8. THE CONTACTOR SHALL SET LAYOUT POINTS NO MORE THAN 50 FEET APART ALONG THE LINES TO BE STRIPED, INCLUDING AT ALL TRANSITION POINTS, BEGINNINGS, ENDS, BREAKS, AND CHANGES IN THE STRIPING. THE LAYOUT SHALL BE APPROVED BY THE TRANSPORTATION DEPARTMENT PRIOR TO PAVEMENT MARKING INSTALLATION. THE CONTRACTOR SHALL CONTACT THE TRANSPORTATION DEPARTMENT AT 480-644-2160 FOR SCHEDULING AT LEAST TWO WEEKS BEFORE THE LAYOUT





QUEEN CREEK UNIFIED SCHOOL DISTRICT NO. 95									
SIGNING AND STRIPING PLANS FOR EASTMARK HIGH SCHOOL									
DRAWING STATUS	SHEET	OF							
DATE: <b>8/08/23</b>	9	13							

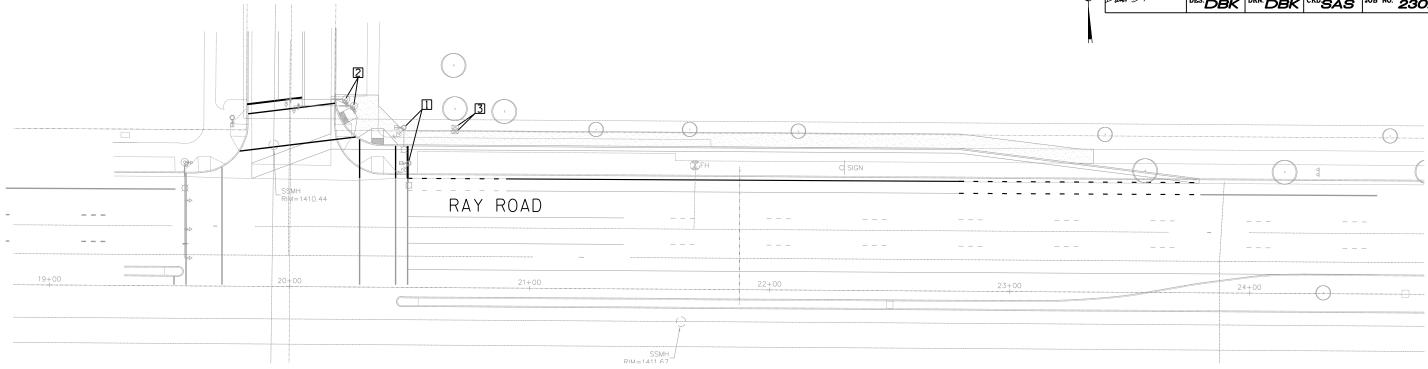






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DES. DBK DRN. DBK CKD SAS JOB NO. 2302-18



#### CONSTRUCTION NOTES

- Relocate existing Traffic Signal Pole from Sta 20+49.7, 51.8'L to Sta 20+47.6, 66.6'L', install new foundation. Existing foundation shall be completely removed and hole backfilled per MAG Specifications.
- [2] Relocate existing Traffic Signal Pole from Sta 20+26.8, 75.5'L to Sta 20+23.6, 78.2'L, install new foundation. Existing foundation shall be completely removed and hole backfilled per MAG Specifications.
- 3 Relocate existing Pull Box, conduit and conductor behind the new sidewalk. The top of the pull box shall be at the same elevation as the finished sidewalk.

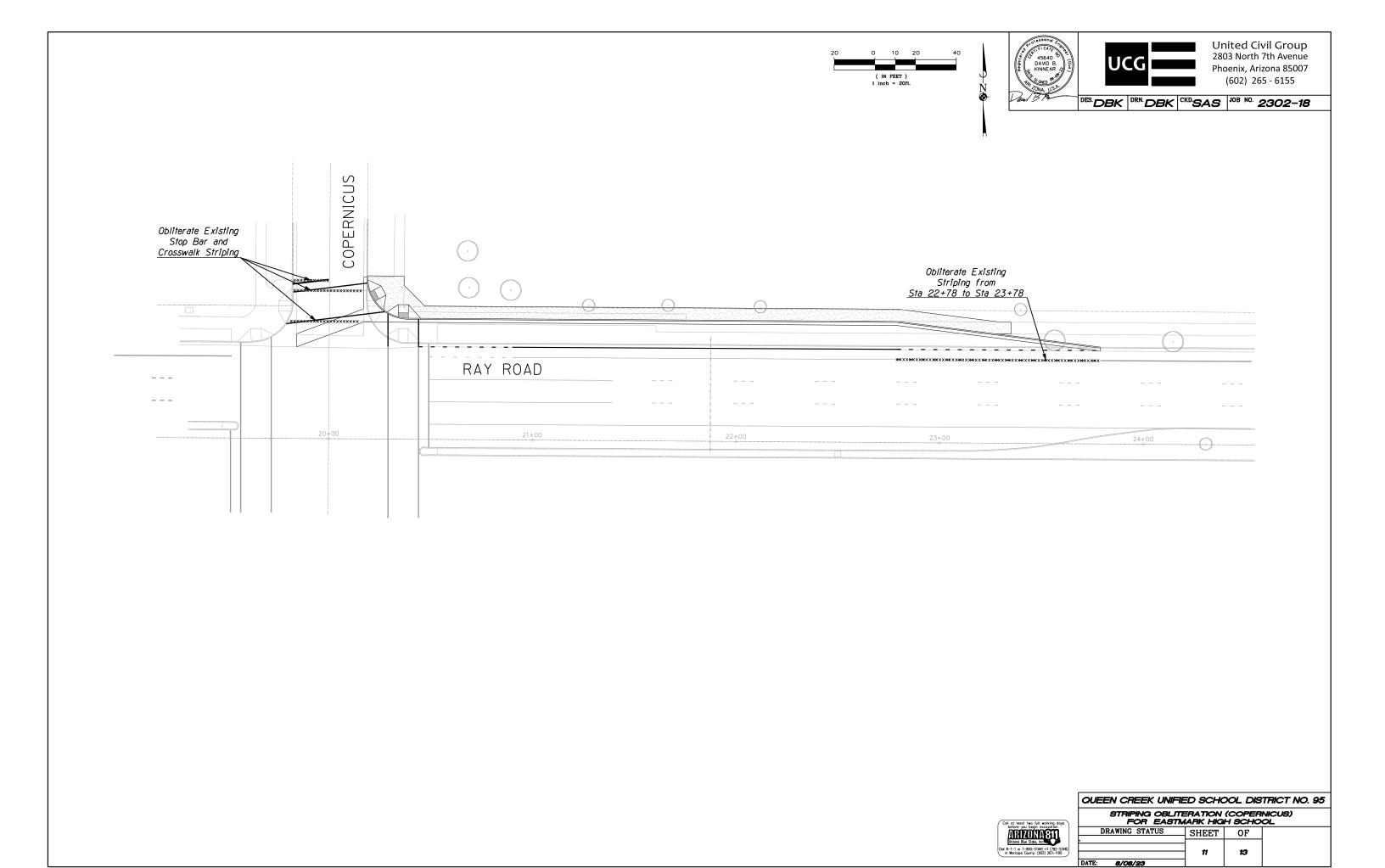
Coll at least two full working days before you begin excavation.

ARIZONA81

Anizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-5TAKK-11 (782-5348) in Maricaga County, (602) 263-1100

QUEEN CREEK UNIFIED SCHOOL DISTRICT NO. 95									
SIGNAL MODIFICATION PLANS FOR EASTMARK HIGH SCHOOL									
DRAWING STATUS	SHEET	OF							
DATE: 8/08/23	10	13							



PAVEMENT MARKING GENERAL NOTES SIGNING GENERAL NOTES

1. ALL REFLECTIVE SHEETING MATERIAL(S) SHALL BE PRESSURE SENSITIVE ASTM TYPE IV
WIDE ANGLE WHITE PRISMATIC SHEETING OR APPROVED EQUAL WITH THE FOLLOWING 1. ALL SIGNING AND PAVEMENT MARKING MATERIALS AND EQUIPMENT SHALL CONFORM TO THE CITY OF MESA STANDARD DETAILS, MUTCD AND ADOT STANDARD SPECIFICATIONS AND STANDARD DRAWINGS, LATEST APPROVED EDITIONS. 2. WHEN STRIPING OBLITERATION IS NECESSARY, IT SHALL BE ACCOMPLISHED IN CONFORMANCE WITH ADOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2008, SECTION 701-3.06. IF PAID FOR PER FOOT, REFER TO SECTION 701-5.05. ALL WARNING SIGNS (YELLOW SERIES) SHALL BE ASTM XI (FLOURESCENT YELLOW SHEETING). - ALL REGULATORY SIGNS SHALL BE ASTM TYPE IV SHEETING. GRINDING IS NOT AN ACCEPTABLE FORM OF OBLITERATION. PAINTING OVER STRIPING STREET NAME SIGNS: ODES NOT CONSTITUTE STRIPE OBLITERATION.

3. ALL LANE LINES, EDGE LINES, BIKE LANE LINES, CENTERLINES, AND PAINTED MEDIANS
SHALL BE CITY APPROVED PAINT AT A MINIMUM OF 15 MIL WET THICKNESS.

4. ALL STOP BARS AND CROSSWALKS SHALL BE 90 MIL THICK EXTRUDED ALKYD
THERMOPLASTIC MARKING MATERIAL PER ADOT STANDARD SPECIFICATIONS SECTION 704.

5. ALL SYMBOLS AND WORD LEGENDS SHALL BE TYPE IV 90 MIL PREFORMED THERMOPLASTIC
DED ACOT STANDARD SPECIFICATIONS SECTION 705 WATER O ANY ARTERIAL INTERSECTION (ALL BLADES) SHALL BE ASTM TYPE XI SHEETING.
O ALL OTHER INTERSECTIONS SHALL BE ASTM TYPE IV SHEETING
- ALL PEDESTRIAN AND SCHOOL AREA SIGNING SHALL BE ASTM TYPE XI SHEETING (FLOURESCENT YELLOW-GREEN) 2. SIGN IMAGING SHALL BE IN COMPLIANCE WITH THE REFELECTIVE SHEETING
MANUFACTURERS MATCHED COMPONENT SYSTEM. SIGN IMAGING SHALL CONSIST OF A
TRANSPARENT ACRYLIC BASED ELECTRONIC CUTTABLE FILM (3M 1170 SERIES OR PER ADOT STANDARD SPECIFICATIONS SECTION 705 UNLESS OTHERWISE NOTED. 6. THE CONTRACTOR SHALL PAINT ALL RAISED MEDIAN ISLAND NOSES REFLECTORIZED YELLOW, IO L.F. BEYOND THE RADIUS POINTS.
7. THE LANE WIDTH DIMENSIONS FOR ALL PAVEMENT MARKINGS SHALL BE FROM THE FACE EQUIVALENT) OR SILK SCREENED (DEPENDING ON THE QUANTITY OF SIGNAGE) WITH STANDARD HIGHWAY COLORS. OF CURB TO CENTER OF STRIPE OR CENTER OF STRIPE TO CENTER OF STRIPE UNLESS PUBLIC STREETS SHALL BE PRESSURE SENSITIVE 3M #1177 GREEN ELECTRO CUT FILM OR NOTED OTHERWISE. APPROVED EQUAL.
- PRIVATE STREETS SHALL BE PRESSURE SENSITIVE 3M #1175 BLUE ELECTRO CUT FILM OR ENGINEERING & DESIGN STANDARDS PUBLIC STREETS APPROVED EQUAL. 8. THE CONTACTOR SHALL SET LAYOUT POINTS NO MORE THAN 50 FEET APART ALONG THE 4. ANY REQUEST TO USE SHEETING OTHER THAN THAT SPECIFIED ABOVE SHALL BE MADE IN WRITING TO THE CITY TRAFFIC ENGINEER 30 DAYS IN ADVANCE OF INSTALLATION.
5. THE DEVELOPER IS RESPONSIBLE FOR THE INSTALLATION OF ALL SIGNS. SEE MESA LINES TO BE STRIPED, INCLUDING AT ALL TRANSITION POINTS, BEGINNINGS, ENDS, BREAKS, AND CHANGES IN THE STRIPING, THE LAYOUT SHALL BE APPROVED BY THE TRANSPORTATION DEPARTMENT PRIOR TO PAVEMENT MARKING INSTALLATION. THE STANDARD DETAILS M-20.01 THRU M-23.07. SIGN POST INSTALLATION SHALL BE PER M-39. CONTRACTOR SHALL CONTACT THE TRANSPORTATION DEPARTMENT AT 480-644-2160 FOR - ALL SIGN LAYOUTS ARE SUBJECT TO APPROVAL BY THE CITY OF MESA. SHOP DRAWINGS SHALL BE SUBMITTED TO THE CITY OF MESA TRANSPORTATION DEPARTMENT FOR ALL NEW SIGNING PRIOR TO SIGN FABRICATION AND INSTALLATION. CONTACT THE SIGN SCHEDULING AT LEAST TWO WEEKS BEFORE THE LAYOUT SHOP AT 480-644-3175 OR 480-644-2160 TO SUBMIT SHOP DRAWINGS AND FOR APPROVAL. - PRIVATE STREET NAME SIGNS AND TRAFFIC CONTROL SIGNS INSTALLED ON PRIVATE STREETS SHALL BE THE RESPONSIBILITY OF THE HOMEOWNER 1/2 S ASSOCIATION (PROPERTY OWNER(S)) IN PERPETUITY. (PROPERTY OWNER(S)) IN PERFETUIT.

6. ALL SIGNING SHALL CONFORM TO THE REQUIREMENTS CONTAINED IN THE LATEST APPROVED EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE LATEST APPROVED EDITION OF THE STANDARD HIGHWAY SIGNS BOOK AND THE LATEST APPROVED EDITION OF THE ARIZONA SUPPLEMENT PUBLISHED BY THE ARIZONA SUPPLEMENT PUBLISHED BY THE ARIZONA DEPARTMENT OF TRANSPORTATION (ADOT).

7. SIGNS THAT ARE REQUIRED TO BE REMOVED OR RELOCATED DURING CONSTRUCTION SHALL BE THE RESPOSIBILITY OF THE CONTRACOR. ANY SIGNING THAT IS TO BE RELOCATED OR REMOVED DUE TO CONSTRUCTION SHALL BE REINSTALLED IN ITS FINAL LOCATION PER CITY OF MESA STANDARDS. SIGNS NOT BEING RELOCATED SHALL BE
RETURNED TO THE CITY OF MESA SIGN SHOP (300 E SIXTH ST).

8. THE CONTRACTOR SHALL ENSURE THAT AT NO TIME A TRAFFIC SIGN IS INSTALLED IN SUCH 8. THE CONTRACTOR SHALL ENSURE THAT AT NO TIME A TRAFFIC SIGN IS INSTALLED IN SUCH A MANNER AS TO BE BLOCKED BY A TREE OR ANY TYPE OF VEGETATION. IN THESE CASES, THE CONTRACTOR SHALL CONTACT THE TRANSPORTATION DEPARTMENT AT 480-644-2160 TO PROVIDE AN ALTERNATE LOCATION PRIOR TO INSTALLATION.

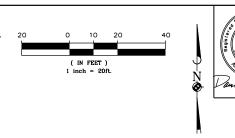
9. ANY SIGNING INSTALLED WITHIN THE CITY OF MESA<sup>5</sup><sub>12</sub> S RIGHT-OF-WAY SHALL BE INSTALLED BY AN INDIVIDUAL THAT HAS CURRENT CERTIFICATION IN SIGNING INSTALLATION OR INSPECTION FROM AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) OR THE INTERNATIONAL MUNICIPAL SIGNAL ASSOCIATION (IMSA), EQUIVALENTS WILL BE

18" White

Stripe

12" White

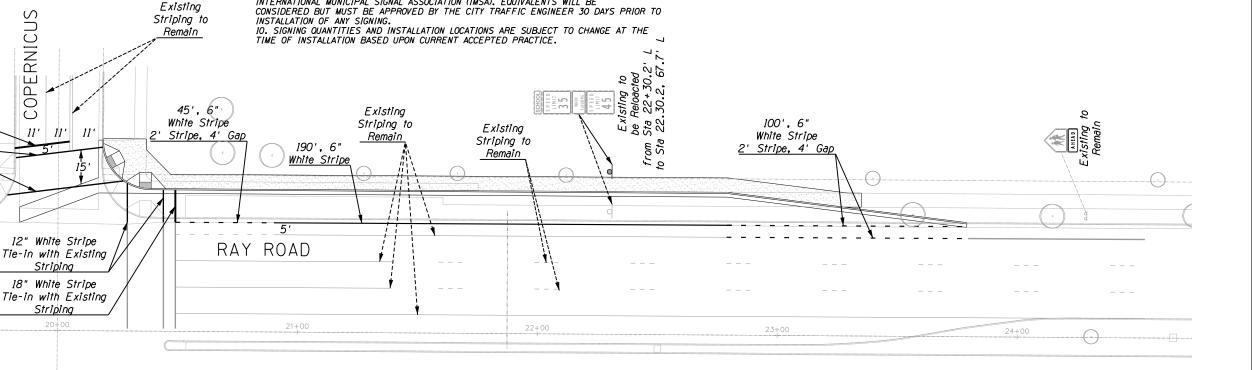
Stripe





United Civil Group 2803 North 7th Avenue Phoenix, Arizona 85007 (602) 265 - 6155

DES. DBK DRN. DBK CKD. SAS JOB NO. 2302-18





QUEEN CREEK UNIFIED SCHOOL DISTRICT NO. 95									
SIGNING AND STRIPING PLANS FOR EASTMARK HIGH SCHOOL									
DRAWING STATUS	SHEET	OF							
•									
	12	13							
		.							
DATE: <b>8/08/23</b>									

