CITY OF MESA NOTES:

CITY OF MESA GENERAL NOTES:

- 1. 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.
- 2. 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.
- 3. 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 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. FAILURE TO PROVIDE PROPER INSPECTION NOTIFICATION AS PRESCRIBED ABOVE, SHALL RESULT IN THIS PERMIT BECOMING INVALID AND WORK BEING STOPPED.
- 4. 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.
- 6. THE CONTRACTOR SHALL OBTAIN AN EARTH—MOVING PERMIT FROM THE MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT AND SHALL COMPLY WITH ITS REQUIREMENTS FOR DUST CONTROL.
- 7. 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 ENGINEERING DEPARTMENT.
- 9. THE REGISTERED ENGINEER OR LAND SURVEYOR SHALL CERTIFY THAT THE MINIMUM HORIZONTAL AND VERTICAL SEPARATION BETWEEN UTILITIES WITHIN PUBLIC RIGHT—OF—WAY OR EASEMENTS HAS 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 ENGINEERING CONSTRUCTION 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.

PRELIMINARY GRADING & UTILITY PLANS FOR

C2 TACTICAL

7104 E. RAY ROAD MESA, ARIZONA 85212

LEGEND:

•	BRASS CAP FLUSH
•	PROPERTY CORNER
(M)	MEASURED
(R)	RECORD
	CATCH BASIN
E	ELECTRIC BOX
	ELECTRIC CABINET
	ELECTRIC TRANSFORMER
Ē	FIBER OPTICS MARKER
	METAL GRATE (RECTANGULAR)
Δ	TELECOMMUNICATIONS RISER
	TRAFFIC SIGNAL
TV	CABLE TELEVISION RISER
<u>S</u>	SANITARY SEWER MANHOLE
	STORM DRAIN MANHOLE
•	SEWER CLEANIOUT

● SEWER CLEANOUT

WATER METER

FIRE HYDRANT

WATER VALVE

GM
 EVIST CAS ME

EXIST. GAS METER

MASONRY WALL

— — — EASEMENT LINE

— EX—GAS — EXIST. OVERHEAD ELECTRIC LINE

EXIST. GAS LINE

— EX COMS — EXIST. COMMUNICATIONS LINE
— EX-6" SWR — EXIST. SEWER LINE

— EX ELECT — EXIST. UNDERGROUND ELECTRIC

STORM DRAIN

EXIST. PALM TREE

EXIST. MISC. TREE

FL=05.4 PROP. FLOW LINE GRADE

FG=05.4 PROP. FINISHED GRADE

C=05.40 PROP. CONCRETE GRADE
P=05.40 PROP. PAVEMENT GRADE

TC=05.73 PROP. TOP OF CURB GRADE PROP. GUTTER GRADE

TC=05.73 PROP. TOP OF CURB GRADE

P=05.40 PROP. PAVEMENT GRADE

CTV
EXIST. CABLE TV BOX

P.P.
EXIST. POWER POLE

APN ASSESSOR'S PARCEL NO.

P/L PROPERTY LINE

1.6% PROP. DRAINAGE SLOPE

PROP. DRAINAGE PATTERN

EXISTING GUY WIRE

♥ EXISTING LIGHT POLE

EXISTING SIGN

EXISTING FENCE

----- MONUMENT LINE

 \leftarrow

PROPERTY/RIGHT-OF-WAY LINE

---- GRADE BREAK/FLOW LINE

EXIST. NATURAL GRADE

EXIST. PAVEMENT GRADE

EXIST. CONCRETE GRADE

OWNER:

FEMA FLOOD PLAIN STATEMENT:

1% ANNUAL CHANCE FLOOD.

THE SUBJECT PROPERTY LIES WITH A FEMA DESIGNATED SHADED

ZONE "X" FLOODPLAIN ACCORDING TO FEMA'S FLOOD INSURANCE

16, 2013. A SHADED FLOOD ZONE "X" ARE AREAS OF 0.2%

RATE MAP (FIRM) PER MAP NUMBER 04013C276OL, DATED OCTOBER

ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH

AVERAGE DEPTHS OF LESS THAN 1-FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM

C2 TACTICAL
8475 S. EMERALD DRIVE
TEMPE, ARIZONA 85284
(602) 763-7318
CONTACT: BOE BERGESON

CIVIL ENGINEER:

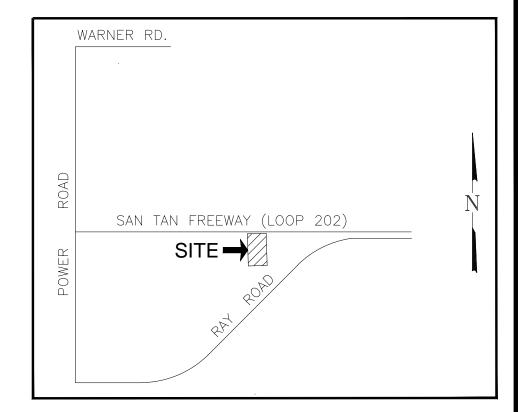
HENDERSON ENGINEERING GROUP, LLC 1533 S. PARKCREST CIRCLE MESA, ARIZONA 85206 (480) 334-7507 CONTACT: BRENT L. HENDERSON P.E.

DESIGNER:

SEVEN 4 STUDIOS 2022 E. MALIBU DRIVE TEMPE, ARIZONA 85282 (602) 703-6234 CONTACT: DAT TRAN

LAND SURVEYOR:

AW LAND SURVEYING, LLC P.O. BOX 2170 CHANDLER, ARIZONA 85244 (480) 244-7630 CONTACT: DANIEL D. ARMIJO, R.L.S.



VICINITY MAP

SHEET INDEX:

-1 COVER SHEET
-2 PRELIMINARY GRADING & LI

C-2 PRELIMINARY GRADING & UTILITY PLAN C-3 CROSS-SECTIONS

LEGAL DESCRIPTION:

A PARCEL OF LAND SITUATED IN A PORTION OF THE NORTHEAST QUARTER OF SECTION 19, TOWNSHIP 1 SOUTH, RANGE 7 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

FUTURE LOT 1 PER PARCEL A FINAL PLAT FOR RAY ROAD COMMERCE CENTER NORTH

ZONING:

L1 (LIGHT INDUSTRIAL)

LOT AREA:

AREA = 133,967.09 SQUARE FEET/3.0755 ACRES

ASSESSORS PARCEL NO:

304-30-041

SITE ADDRESS:

7104 E. RAY ROAD MESA, ARIZONA 85212

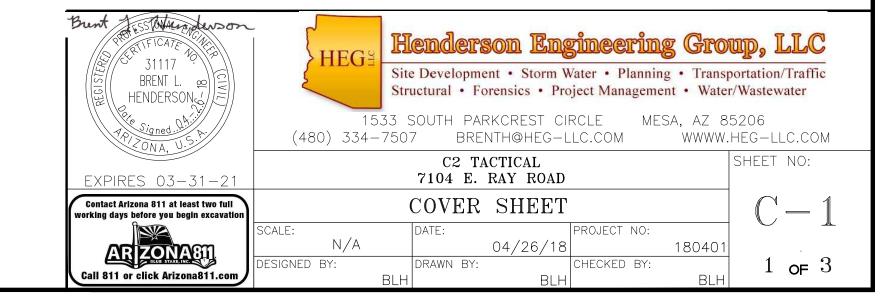
BENCHMARK:

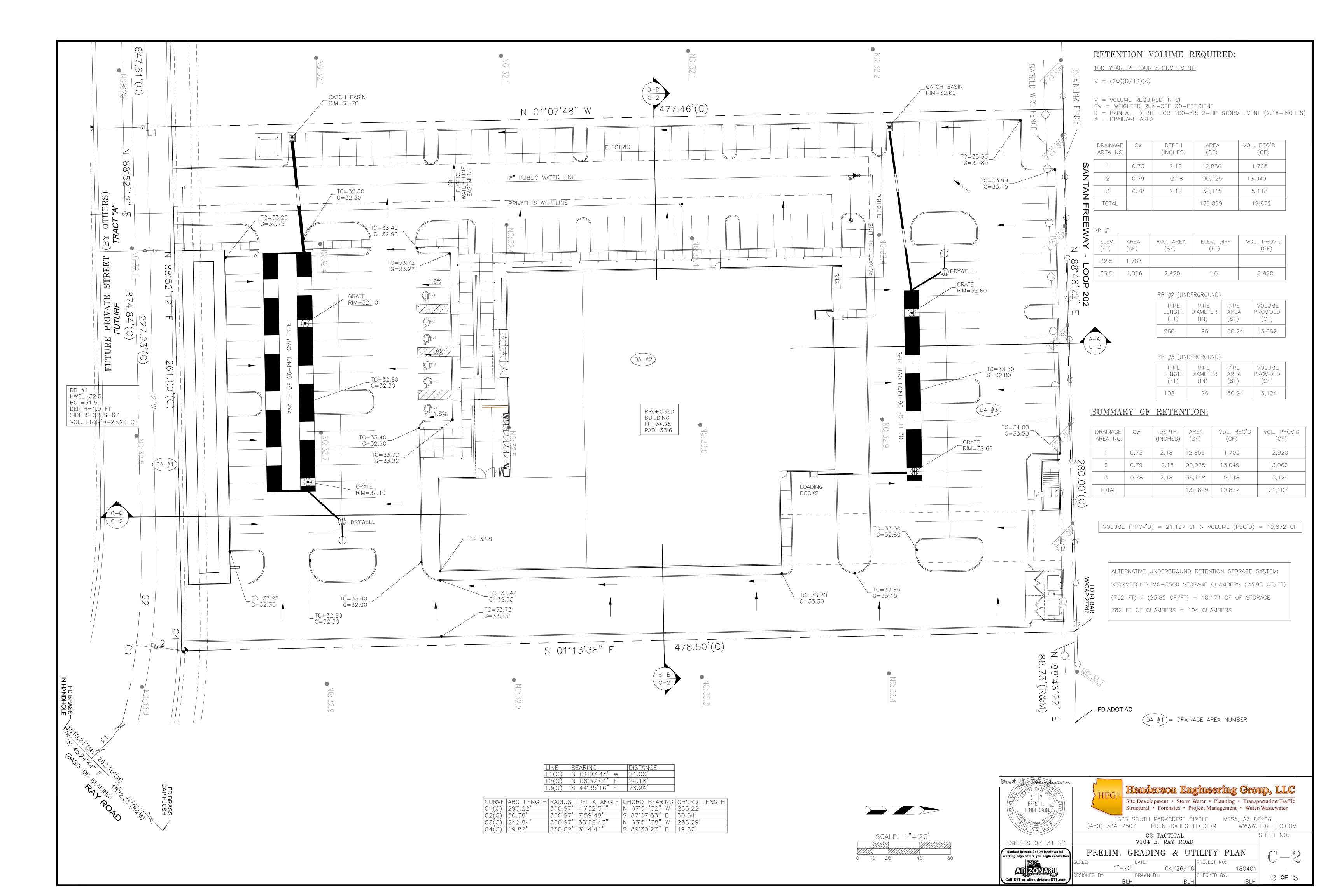
CITY OF MESA BRASS TAG LOCATED ON TOP OF CURB AT THE NORTHEAST CORNER OF THE INTERSECTION OF POWER ROAD AND LOOP 202, MESA,

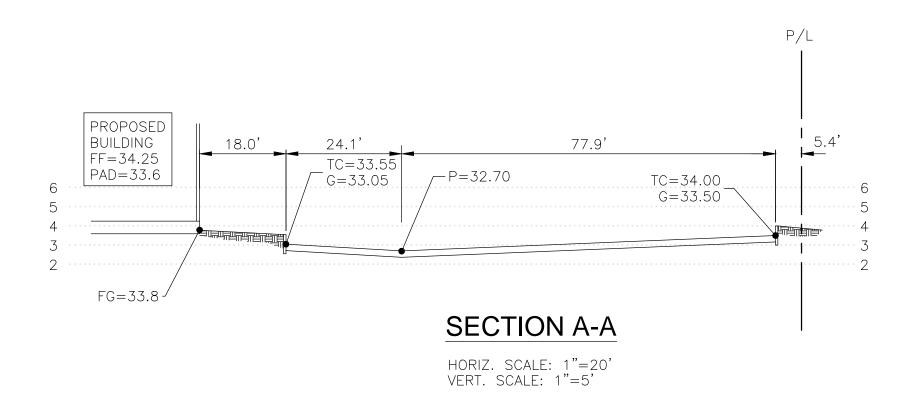
ELEVATION = 1324.10' NAVD 88 (CITY OF MESA DATUM)

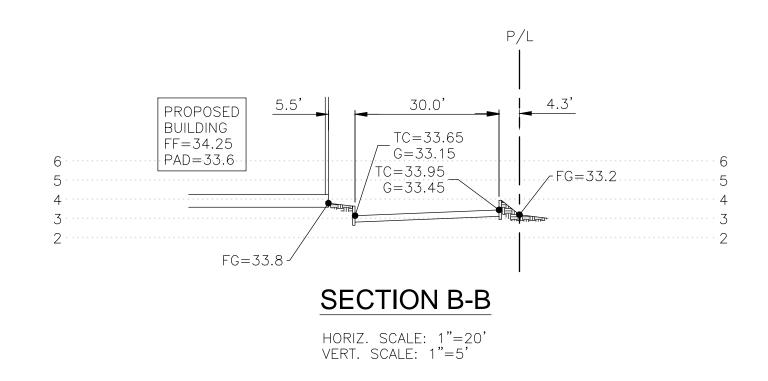
BASIS OF BEARING:

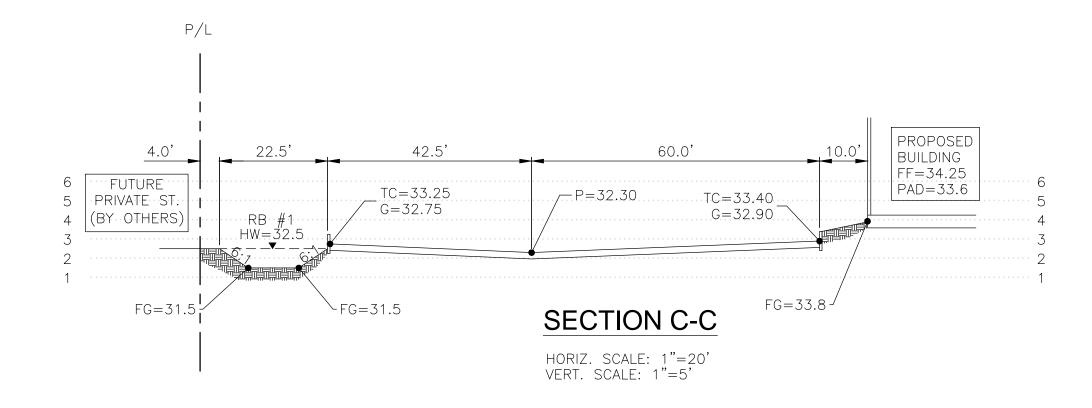
THE BASIS OF BEARING AND ALL MONUMENTATION SHOWN HEREON IS BASED ON THE MONUMENT LINE OF RAY ROAD, USING A BEARING OF NORTH 45°24'44" EAST AS SHOWN ON THE LAND SPLIT FOR RAY ROAD COMMERCE CENTER, RECORDED IN BOOK 1348, PAGE 11, MARICOPA COUNTY RECORDS.

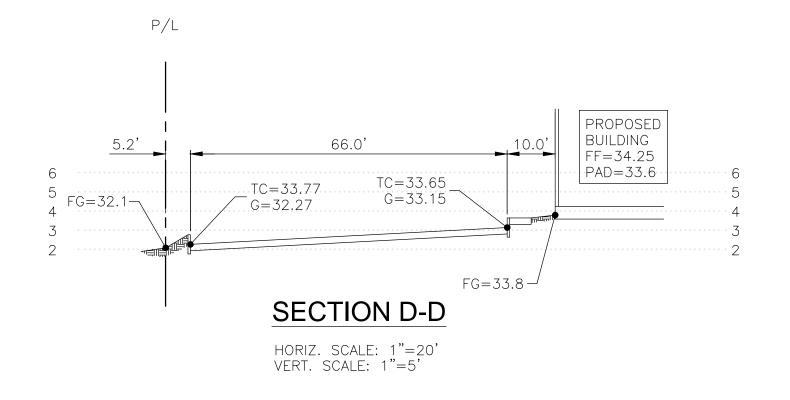
















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3 of 3

1533 SOUTH PARKCREST CIRCLE MESA, AZ 85206 (480) 334-7507 BRENTH@HEG-LLC.COM WWWW.HEG-LLC.COM

C2 TACTICAL SHEET NO:

<u> XPIRES 03-31-21</u>				7104 E.	RAY ROAD				
ntact Arizona 811 at least two full ing days before you begin excavation	CROSS-SECTIONS								
	SCALE:			DATE:		PROJECT NO:		,	
AR ZONASII		AS	NOTED		04/26/18		180401		
	DESIGNED	BY:		DRAWN BY:		CHECKED BY:			
l 811 or click Arizona811.com			BLH		BLH		BLH		