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.
- 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 PERMIT SERVICES SECTION OF THE BUILDING SAFETY DIVISION 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 CONSTRUCTION SERVICES AT (480) 644-2253 OF INTENT TO BEGIN AND REQUEST/SCHEDULE PRELIMINARY FIELD REVIEW AT THE PROJECT SITE WITH THE CITY OF MESA ENGINEERING CONSTRUCTION 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.
- 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 EASEMENT 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 SEPARATION BETWEEN UTILITIES WITHIN PUBLIC RIGHT-OFWAY 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.

CITY OF MESA - PUBLIC WASTEWATER UTILITY NOTES

- 1. CONTRACTORS SHALL VERIFY ALL INVERT ELEVATIONS BEFORE PROCEEDING WITH THE BALANCE OF THE UTILITY TRENCHING.
- 2. ALL MANHOLES PER M.A.G. DETAILS MUST NECK DOWN TO USE THE STANDARD 30INCH FRAME AND COVER. STEPS SHALL NOT BE INSTALLED WITHIN THE MANHOLE.

CITY OF MESA - STORMWATER DRAINAGE & RETENTION NOTES

- THE ENGINEER, OR LAND SURVEYOR SHALL CERTIFY THAT THE REQUIRED STORM WATER RETENTION HAS BEEN PROVIDED. THE CERTIFICATION SHALL ALSO INDICATE THE ACTUAL VOLUME PROVIDED. SUCH CERTIFICATION SHALL BE PROVIDED TO BUILDING SAFETY DIVISION - BUILDING INSPECTIONS WHEN THE RETENTION AREA IS TO REMAIN PRIVATE PROPERTY AND TO ENGINEERING CONSTRUCTION SERVICES WHEN THE RETENTION AREA IS TO BECOME CITY OF MESA PROPERTY.
- ALL DRYWELLS SHOWN ON THIS PROJECT SHALL BE MAINTAINED BY THE OWNERS AND ARE TO BE REPLACED BY THE OWNERS WHEN THEY CEASE TO DRAIN WATER IN A 36HOUR PERIOD. REGULAR MAINTENANCE OF THE DRYWELL-SILTING CHAMBER IS REQUIRED TO ACHIEVE THE BEST OPERATION OF THE DRYWELL. IN ACCORDANCE WITH ARIZONA REVISED STATUTES, DRYWELLS ARE REQUIRED TO BE REGISTERED WITH THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY (A.D.E.Q.) IT IS THE OWNER'S RESPONSIBILITY TO REGISTER ALL DRYWELLS. AN AQUIFER PROTECTION PERMIT MAY BE REQUIRED BY A.D.E.Q. FOR DRYWELLS DEEMED TO BE HAZARDOUS TO GROUNDWATER

LONGBOW MARKETPLACE LOT 3

ENGINEERS NOTES

- CONTRACTOR SHALL NOTIFY WESTWOOD PROFESSIONAL SERVICES OF ANY DISCREPANCIES BETWEEN THE CIVIL PLANS AND SITE CONDITIONS, A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION IN THE AFFECTED FAILURE TO DO SO SHALL RESULT IN ANY DISCREPANCIES BEING THE RESPO OF THE CONTRACTOR.
- DURING CONSTRUCTION, THE CONTRACTOR WILL BE RESPONSIBLE FOR TH OF EARTH SPILLAGE, RUNOFF AND CONSTRUCTION WATER AND SHALL PRO ADJACENT PROPERTY AND EXISTING STRUCTURES FROM SUCH.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CARE, MAINTENANCE, REPLACEMENT OF EXISTING IMPROVEMENTS AND UTILITIES IN THE WORK / ON ADJACENT PROPERTIES WHICH HAVE BEEN REMOVED OR DAMAGED DL COURSE OF CONSTRUCTION. ALL REPAIR, REPLACEMENT OR CLEANUP SHAI TO THE SATISFACTION OF AND AT NO ADDITIONAL EXPENSE TO THE UTILIT AND OWNER.
- THE CONTRACTOR SHALL GIVE FORTY-EIGHT (48) HOURS NOTICE WHEN HE REQUIRE THE SERVICES OF THE ENGINEER OR ANY OTHER PERSON PROPERI AUTHORIZED FOR SUCH PURPOSE FOR LAYING OUT OR TESTING ANY PORT WORK.
- THE CONTRACTOR SHALL PRESERVE ALL STAKES SET FOR THE LINES, LEVELS MEASUREMENTS OF THE WORK IN THEIR PROPER PLACES UNTIL AUTHORIZ REMOVE THEM BY THE ENGINEER. ANY EXPENSE INCURRED IN REPLACING A WHICH THE CONTRACTOR OR HIS SUBORDINATES MAY HAVE FAILED TO PI SHALL BE CHARGED TO THE CONTRACTOR
- ESTIMATED QUANTITIES SHOWN ARE FOR BONDING & PERMIT PURPOSES (CONTRACTOR TO MAKE HIS OWN DETERMINATION OF QUANTITIES.
- EXISTING UNDER GROUND UTILITIES SHOWN ARE PER UTILITY COMPANY RI CONTRACTOR TO FIELD VERIFY LOCATION/ELEVATION OF ALL UTILITIES PRIM BEGINNING CONSTRUCTION.
- 8. SEE THE APPROVED ARCHITECTURAL SITE PLAN FOR ALL SITE DIMENSIONS.

CITY OF MESA - PUBLIC WATER UTILITY NOTES

- 1. ALL PUBLIC WATER MAIN MATERIALS SHALL BE PER SECTION 610.3 OF THE I UNIFORM STANDARD SPECIFICATIONS. ALL DUCTILE IRON PIPE (D.I.P.) WATE SHALL HAVE POLYETHYLENE CORROSION PROTECTION PER SECTION 610.5 M.A.G. UNIFORM STANDARD SPECIFICATIONS.
- 2. ALL NEW WATERLINES THAT REQUIRE SERVICE DISRUPTION IN ORDER TO C THE CITY SYSTEM SHALL REQUIRE A DAYTIME TIE-IN. THE CONTRACTOR SHA COMPLETE ALL WORK NECESSARY TO RESTORE UTILITY SERVICE AND FULLY TIE-IN AREA TO VEHICULAR TRAFFIC WITHIN THE TIME FRAME ALLOWED BY MESA ENGINEERING CONSTRUCTION INSPECTOR.
- 3. THE CONTRACTOR SHALL INSTALL A TEMPORARY PLUG OR VALVE ON A SEC NEW WATER LINE TO TEST LINES BEFORE CONNECTING TO THE EXISTING PU SYSTEM WHERE THERE IS NO WATER VALVE ON THE EXISTING LINE.
- 4. WATER LINE TESTS SHALL BE CONDUCTED SO THAT EXISTING WATER LINES INCLUDED IN THE TEST OF THE NEW LINE.
- 5. THE REQUIRED BACKFLOW PREVENTION ASSEMBLY SHALL BE A MANUFACT MODEL DESIGNATED IN THE CURRENT "LIST OF APPROVED BACKFLOW PREV ASSEMBLIES" AS PUBLISHED BY THE FOUNDATION FOR CROSS-CONNECTIO AND HYDRAULIC RESEARCH, UNIVERSITY OF SOUTHERN CALIFORNIA.
- 6. THE BACKFLOW PREVENTION ASSEMBLY SHALL BE TESTED AND APPROVED CERTIFIED TECHNICIAN DESIGNATED IN THE CURRENT CITY OF MESA "LIST OF APPROVED INSPECTORS" PRIOR TO THE REQUEST FOR FINAL INSPECTION.
- IN ACCORDANCE WITH ARIZONA ADMINISTRATIVE CODE (A.A.C). R18-4-213 MATERIALS ADDED AFTER JANUARY 1, 1993, WHICH MAY COME INTO CONT DRINKING WATER, SHALL CONFORM TO NATIONAL SANITATION FOUNDAT STANDARDS 60 AND 61.
- PER CITY ORDINANCE NO. 2341, ALL WATER METERS ARE TO BE PURCHASEE CITY OF MESA. METERS TWO INCHES OR LESS WILL BE DELIVERED AND INST CITY FORCES. METERS LARGER THAN TWO INCHES WILL BE DELIVERED BY TH INSTALLED BY THE CONTRACTOR AND REQUIRE SCHEDULING AND INSPECT CITY FORCES (CONTACT BUILDING SAFETY – PERMIT SERVICES (480)-644-4BSD FOR THE O SPECIFIC PROCEDURE).

CITY OF MESA - MISCALANIOUS NOTES

- VERTICAL CONSTRUCTION WITH COMBUSTIBLE MATERIALS SHALL NO THE ACCEPTANCE OF FIRE ACCESS ROAD AND FIRE HYDRANTS, 2006 I.
- STRUCTURE CONSTRUCTION, ALTERATION OR DEMOLITION SHALL CC REQUIREMENTS OF I.F.C. CHAPTER 14 AND N.F.P.A. 241, 2006 I.F.C. SEC

PRELIMINARY CIVIL IMPROVEMENT PLANS

BEING A PORTION OF THE EAST QUARTER OF SECTION 35, TOWNSHIP 2 NORTH, RANGE 6 EAST, OF THE GILA & SALT RIVER BASE MARICOPA COUNTY, ARIZONA

AREA. ONSIBILITY E CONTROL DTECT	THE PL ARIZO OFFICI RANGE ARIZO	LAT OF RECORD IN THE OFFICE OF NA IN BOOK 1395 OF MAPS, PAG AL RECORDS, LOCATED IN THE EA E 6 EAST OF THE GILA AND SALT R NA.	E THE COUNTY E 23, RECORDE ST HALF OF SE IVER BASE ANI	RECORDER D JUNE 19, CTION 35, D MERIDIAN			
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TIONS WITH			M.C.R	MARICOR			

)T BEGIN PRIOR TO .F.C. SECTION 501.4	
DMPLY WITH TION 1401.1	

LEGAL DESCRIPTION

PARCEL NO. 1: A PORTION OF LOT 3A-2, OF LONGBOW BUSINESS PARK AND GOLF CLUB, ACCORDING TO OF MARICOPA COUNTY, 2018 AS 2018-0468845 OF TOWNSHIP 2 NORTH, N, MARICOPA COUNTY,

CORNER AT INTERSECTION

H, RANGE 6 EAST, GILA & ONGBOW BUSINESS PARK

		PROPERTY LINE	Ξ
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MRK.	FIBER OPTIC MARKER	PG.	PAGE
Р. Р.)-	POWER POLE	FND.	FOUND
J.B. ⊴	STREET LIGHT JUNCTION BOX	R.O.W.	RIGHT OF WAY
<u> </u>	STREET LIGHT W/	M.C.R.	
~	MAST ARM	A.P.N.	ASSESSOR PAR
2	STREET LIGHT	B/C	BACK CURB
3	UNDERGROUND GAS	B/W	ΒΑΓΚ ΨΑΙΚ
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s)	SEWER MANHOLE		
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V)	DRYWELL		
L)	DRYWELL INTERCEPTOR		
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AS-BUILT SPOT ELEVATIONS

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CONTOUR LINE	E		
UNDERGROUN	D UTILITY		
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T.VLT.	TELEPHONE VAULT		
W	UNDERGROUND WATER		
W.M.	WATER METER		
Ŵ	WATER MANHOLE		
W.V. ⊗	WATER VALVE		
F.H. Đ	FIRE HYDRANT		
F.D.C.	FIRE RISER		
R.P.V. ⊗	REDUCE PRESSURE VALVE		
SIZE	PALM TREE		
C.O.P.	CITY OF PHOENIX		
BK.	ВООК		
PG.	PAGE		
FND.	FOUND		
R.O.W.	RIGHT OF WAY		
M.C.R.	MARICOPA COUNTY RECORDER OFFICE		
A.P.N.	ASSESSOR PARCEL NUMBER		
B/C	BACK CURB		
B/W	BACK WALK		
ТС	TOP CURB ELEVATION		
G	GUTTER ELEVATION		
Р	PAVEMENT ELEVATION		
С	CONCRETE ELEVATION		
NG	NG NATURAL GROUND		
INV	INV INVERT		

TW TOP WALL

SHEET INDEX

SHEET NUMBER	SHEET TITLE
C1	COVER SHEET
C2	GRADING DRAINAGE & UTILITY PLAN

SITE ADDRESS

3130 NORTH RECKER ROAD

SITE AREA

MESA, ARIZONA

PAD SITE:

APPROX. DISTURBED AREA: 53,556 SQ. FT. OR 1.23 ACRES MORE OR LESS

ASSESSORS PARCEL NUMBER

A.P.N. 141-41-025

ZONING

THE SUBJECT PROPERTY IS ZONED L-I PAD (LIMITED INDUSTRIAL PLANED AREA DEVELOPMENT); SEE CITY OF MESA ZONING ORDINANCE FOR MORE INFORMATION.

FLOOD ZONE

THE SUBJECT PROPERTY IS LOCATED WITHIN SHADED ZONE "X" DEFINED AS "AREAS OF 0.2% 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 AREA PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD; PER FIRM MAP NO. 04013C2280L DATED OCTOBER 16, 2013.

UTILITY NOTE

UNDERGROUND UTILITIES & STORM DRAIN LOCATIONS SHOWN HEREON ARE BASED ON FIELD OBSERVATIONS AND "BLUE STAKE" MARKINGS AND AVAILABLE MAPS OBTAINED FROM UTILITY COMPANIES AND THE CITY OF PHOENIX, AZ.. ACTUAL LOCATIONS MAY VARY FROM LOCATIONS SHOWN HEREON.

DRAINAGE STATEMENT

PROJECT NARRATIVE:

THE PROPOSED PROJECT CONSISTS OF A FREESTANDING SINGLE STORY FAST FOOD TAKE OUT RESTAURANT BUILDING. THE PROPOSED SITE DEVELOPMENT IS LOCATED IN AN EXISTING COMMERCIAL SHOPPING CENTER DEVELOPMENT. THE PROPOSED SITE DEVELOPMENT AREA IS CURRENT A GRADED PAD WITH A SMALL SURFACE LANDSCAPE RETENTION BASIN IN NORTHWEST PORTION OF THE SITE.

PROJECT LOCATION:

THE SUBJECT SITE IS LOCATED IN THE EAST HALF OF SECTION 35, TOWNSHIP 2 NORTH, RANGE 6 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

EXISTING DRAINAGE CONDITIONS

AS NOTED BASED ON A SITE SURVEY IT IS APPARENT THAT THE PROPOSED SITE DEVELOPMENT AREA IS CURRENTLY A GRADED LOT WITH A SMALL SURFACE LANDSCAPE RETENTION BASIN. BASED ON THE EXISTING TOPOGRAPHY THE EXISTING STORMWATER RETENTION STORAGE, PONDING DEPTHS OF APPROXIMATELY 0.3-FOOT DEEP IN THE LANDSCAPE RETENTION BASIN. THE SMALL LANDSCSAPE RETENTION BASIN IS ESSENTIALLY A COLLECTION POND FOR SITE STORMWATER TO BE CONVEYED INTO THE UNDERGROUND STORAGE TANKS LOCATED EAST OF THE PROPOSED SITE REDEVELOPMENT AREA. THE EXISTING HIGHWATER ELEVATION FOR THE STORMWATER RETENTION IS 1446.3-FOOT ULTIMATE SITE OUTFALL IS INTO LONGBOW PARKWAY AT PRIVATE DRIVEWAY INTERSECTION ELEV 1450.01.

PROPOSED DRAINAGE CONDITIONS

THE PROPOSED RE-DEVELOPMENT WILL UTILIZE THE EXISTING DRAINAGE PATTERN AND CONVEY THE STORMWATER TO THE EXISTING LANDSCAPE RETENTION. THE PROPOSED SITE DEVELOPMENT IMPROVEMENTS WILL INCLUDE THE INSTALLATION OF A RETAINING WALL OUTSIDE OF THE LANDSCAPE RETENTION BASIN. THE DEPTH OF THE STORMWATER PONDING IN THE EXISTING LANDSCAPE RETENTION BASIN WILL NOT CHANGE. THE SITE OUTFALL LOCATION AND ELEVATION WILL NOT BE ALTERED BY THE PROPOSED SITE DEVELOPMENT.

THE PROPOSED DEVELOPMENT FINISH FLOOR ELEVATION WILL BE 1453.75-FEET WHICH WILL PROVIDE A 3.74- FOOT FREEBOARD BETWEEN THE FINISH FLOOR ELEVATION AND THE ULTIMATE SITE OUTFALL ELEVATION OF 1450.01-FEET.

THE SITE IS LOCATED IN FLOOD ZONE 'X' AND IS NOT IMPACTED BY OFF-SITE FLOWS. THE PROPOSED SITE DEVELOPMENT WILL NOT HAVE ANY ADVERSE IMPACT ON THE ON-SITE AND OFFSITE DRAINAGE PATTERNS.

RETENTION VOLUME PROVIDED

DRAINAGE RETENTION VOLUMES PROVIDED PER LONGBOW MARKET PLACE PHASE 1 ON-SITE-IMPROVEMENT PLANS AND DRAINAGE REPORT DATED NOVEMBER 15TH 2016 BY SLATER HANIFAN GROUP. NO ADDITIONAL RETENTION VOLUME TO ACCOMMODATE THIS PROJECT IS REQUIRED.









MATCH EXISTING GRADING.

S SAWCUT.

GRADING & DRAINAGE CONSTRUCTION NOTES

1 PROPOSED CATCH BASIN WITH DRAIN PIPE THROUGH RETAINING WALL.

- 2 PROPOSED TRASH ENCLOSURE.
- 3 PROPOSED RIP-RAP.
- 4 PROPOSED CURB OPENING.
- 5 PROPOSED RETAINING WALL.
- 6 PROPOSED SIDEWALK SCUPPER.
- 7 PROPOSED SCREEN WALL.

PAVING CONSTRUCTION NOTES

- 1 PROPOSED 6" SINGLE CURB.
- 2 PROPOSED 6" VERTICAL CURB AND GUTTER.
- 3 PROPOSED ASPHALT PAVEMENT.
- 4 PROPOSED CURB RAMP.
- 5 PROPOSED CONCRETE PAVEMENT.
- PROPOSED CONCRETE SIDEWALK.
- 7 PROPOSED ACCESSIBLE PARKING. MAX. 2% IN AMY DIRECTION.

UTILITY CONSTRUCTION NOTES

- n_1 proposed 2" BFP (domestic).
- PROPOSED 4" DOUBLE CHECK ASSEMBLY (FIRE LINE).
- PROPOSED 4" D.I.P. FIRE LINE.
- PROPOSED 2" WATER SERVICE.
- PROPOSED OIL/WATER SEPERATOR
- 26 PROPOSED 6" P.V.C. SEWER LINE.
- $\sqrt{7}$ Connect to existing 6" sewer stub
- $\sqrt{8}$ TERMINATE LINE 5' FROM BUILDING. SEE PLUMBING PLANS FOR CONTINUATION.

INITIAL ISSUE: 03/29/2019	REV: #####	###### REV:	# ///// #	REV: #####	REV:	######	
SRC	MC	SRC			HORIZONTAL	VERTICAL	
DESIGNED:	CHECKED:	DRAWN:	FIELD CREW:	FIELD WORK DATE:	SCALE: 1" = 20'	SCALE: 1" =	
			Phone (480) 747-6558 6909 East Greenway Parkway, S	Fax (480) 367-8025 Scottsdale, AZ 85254	Westwood Professional Services, Inc.		8, 81_D
		ONGBOW MARKETPLACE LOT 3	2130 NOPTH BECKED POAD		MESA, ARIZONA		
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Contact Arizona 811 at least two full		
working days before you begin excavation		
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Call 811 or click Arizona811 com		
Call OT FOI CIEK ANZUNGOT LOUTI		

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