CONSTRUCTION SURVEY & STAKING IS THE RESPONSIBILITY OF THE CONTRACTOR.

- EXISTING OR NEWLY DAMAGED AND/OR DISPLACED CONCRETE CURB, GUTTER, SIDEWALK, OR

- CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION ACTIVITIES WITH IMPACTED UTILITY OWNERS, INCLUDING UTILITIES LOCATED WITHIN ON-SITE EASEMENTS & WITHIN THE
- LOCATIONS OR FAILURE TO SHOW UTILITY LOCATIONS ON CONSTRUCTION PLANS. THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION AND ASSUMES FULL RESPONSIBILITY FOR ANY DAMAGE AND/OR REPAIR THERETO. CALL BLUESTAKE 1-800-782-5348 TWO FULL WORKING DAYS PRIOR TO EXCAVATION.

GENERAL NOTES

- ARE BEYOND THE SCOPE OF THE DESIGN, THE ENGINEER SHALL SUBMIT THE NECESSARY REVISED
- OR SUPPLEMENTAL IMPROVEMENT PLANS FOR REVIEW AND APPROVAL BY MUSD. NATIVE PLANTS MUST BE FLAGGED AND PROTECTIVE FENCING MUST BE INSTALLED AS REQUIRED PRIOR TO ANY GRADING ACTIVITY.
- 3. A DESIGN TOPOGRAPHIC SURVEY WAS COMPLETED BY DIBBLE DURING THE MONTH OF JANUARY
- NECESSITATED BY THE PROPOSED DEVELOPMENT WILL BE AT NO EXPENSE TO THE PUBLIC DRAINAGE WILL REMAIN IN ITS NATURAL STATE AND WILL NOT BE ALTERED, DISTURBED OR CONSTRICTED OTHER THAN AS SHOWN ON THESE PLANS.

PAVING NOTES:

- 1. ALL CONSTRUCTION AND TEST METHODS SHALL BE IN CONFORMANCE WITH PIMA ASSOCIATION OF GOVERNMENT'S (PAG'S) STANDARD SPECIFICATIONS AND DETAILS. LATEST EDITION AND THE
- PIPE BEDDING SHALL CONFORM TO PAG STANDARD DETAIL 108. AGGREGATE BASE COURSE SHALL CONFORM TO PAG SECTION 303
- ASPHALTIC CONCRETE SHALL CONFORM TO PAG SECTION 406 (MIX #2). ALL CONCRETE SHALL CONFORM TO PAG SECTION 1006, CLASS S, 3,000 PSI COMPRESSIVE
- STRENGTH AT 28 DAYS, UNLESS OTHERWISE SPECIFIED. 7. A GEOTECHNICAL REPORT WAS PROVIDED BY SAECO, DATED 3/24/2025, PROJECT NO
- 8. THE ENGINEER OF RECORD SHALL SUBMIT TO MUSD FOR REVIEW ANY CHANGES TO THE APPROVED PLANS PRIOR TO CONSTRUCTION. ADDITIONALLY, THE ENGINEER OF RECORD SHALL
- CERTIFY ALL CHANGES MEETING ALL APPLICABLE STANDARDS, CODES, AND ORDINANCES. THE EXTENT AND TYPE OF SURFACE TREATMENTS/REPAIRS INDICATED ON THE PLANS MAY NOT BE ALL INCLUSIVE OF THE WORK THAT IS NEEDED. ADDITIONAL REPAIRS, PAVING, OR REPLACEMENT
- MAY BE NEEDED DEPENDING ON FIELD CONDITIONS. 10. CONTRACTOR SHALL OBTAIN ALL OTHER PERMITS AS REQUIRED BY LOCAL, STATE AND FEDERAL REQUIREMENTS.
- 11. A COPY OF THE APPROVED PLAN SHALL BE KEPT IN AN EASILY ACCESSIBLE LOCATION ON THE SITE AT ALL TIMES DURING CONSTRUCTION.
- 12. UPON COMMENCEMENT OF WORK, TRAFFIC CONTROL DEVICES SHALL BE POSTED AND MAINTAINED BY THE CONTRACTOR UNTIL SUCH TIME AS THE WORK IS COMPLETED. ALL WARNING SIGNS BARRICADES ETC. SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES ADOPTED BY THE STATE OF ARIZONA PURSUANT TO A.R.S. 28-650.
- 13. CONTRACTOR SHALL CALL BLUE STAKE AS MANDATED BY THE ARIZONA REVISED STATUTES AT 1-800-782-5348 BEFORE ANY CONSTRUCTION BEGINS TO VERIFY LOCATION OF EXISTING UTILITIES SHOWN OR NOT SHOWN. EXISTING UTILITY LOCATIONS SHOWN HEREON ARE ONLY APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES WITHOUT DAMAGING THEM.
- 14. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS.

GENERAL GRADING & PAVING NOTES

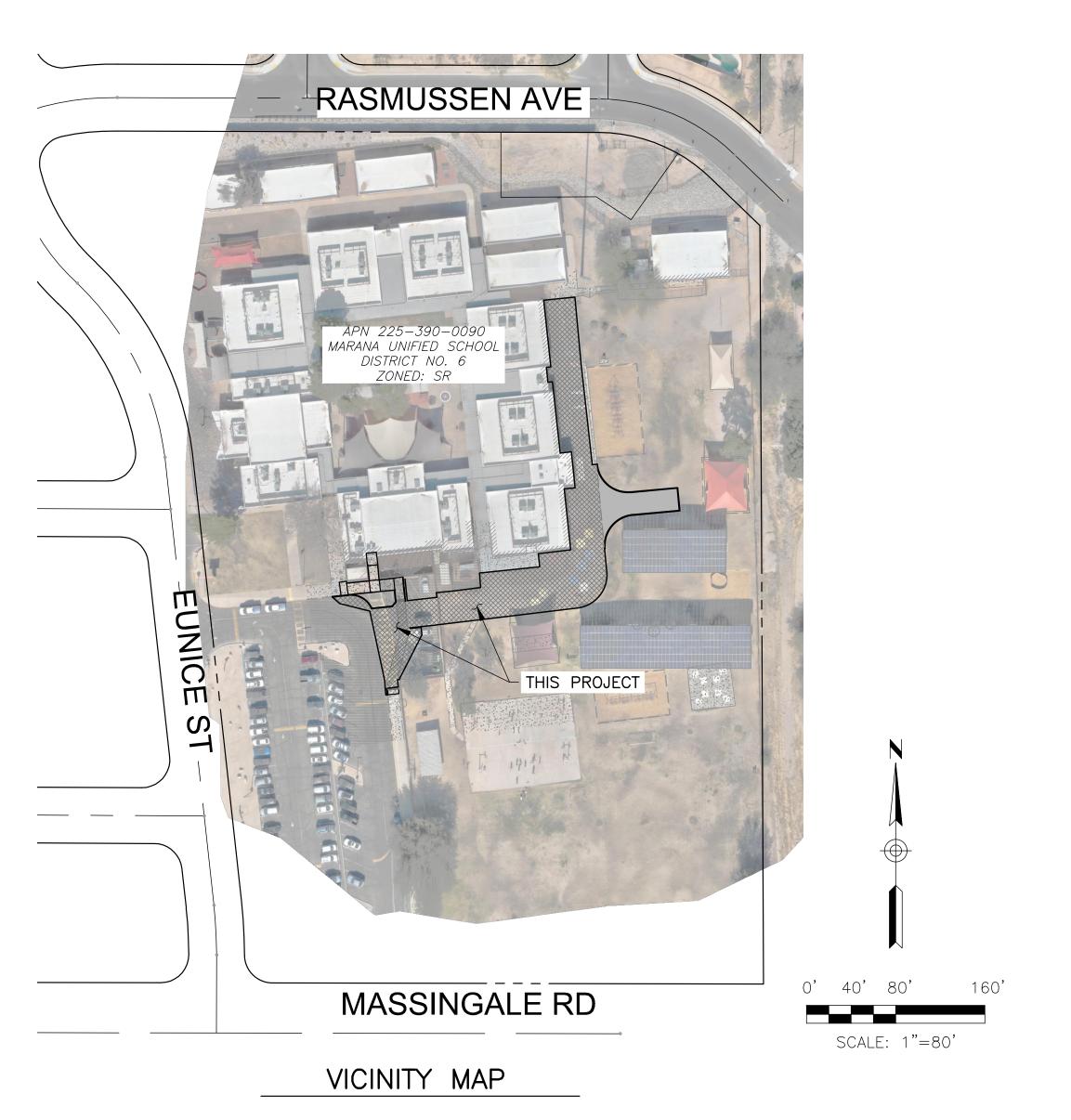
- CONTRACTOR SHALL MAINTAIN ON THE JOB SITE ONE SET EACH OF THE PAG STANDARD SPECIFICATIONS AND DETAILS, LATEST EDITION.
- EXISTING CONTOURS AND/OR EXISTING SPOT ELEVATIONS SHOWN ON THIS GRADING PLAN REPRESENT EXISTING GRADES BEFORE PAVING CONSTRUCTION.
- UNDERGROUND UTILITIES OF RECORD ARE SHOWN AS ACCURATELY AS POSSIBLE. LOCATIONS ARE BASED ON FIELD SURVEYS OF VISIBLE PEDESTALS, TRANSFORMERS, METER BOXES, ETC. ENGINEER ASSUMES NO RESPONSIBILITY FOR IMPROPER LOCATIONS OR FAILURE TO SHOW UTILITY LOCATIONS ON CONSTRUCTION PLANS. THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION AND ASSUMES FULL RESPONSIBILITY FOR ANY

DAMAGE AND/OR REPAIR THERETO. CALL BLUESTAKE 1-800-782-5348 TWO FULL WORKING DAYS

PRIOR TO EXCAVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING CUT AND FILL QUANTITIES FROM WHICH TO

FIRE LANE & ADA IMPTOVEMENTS FOR MARANA UNIFIED SCHOOL DISTRICT BUTTERFIELD ELEMENTARY

3400 W MASSINGALE ROAD TUCSON, AZ 85741



SURVEY INFORMATION

COORDINATES, DISTANCES AND ELEVATIONS ARE SHOWN IN INTERNATIONAL FEET.

HORIZONTAL DATUM (BASIS OF BEARINGS):

NAD83 (2011 EPOCH) ARIZONA CENTRAL ZONE, GROUND

HORIZONTAL ADJUSTMENT:

COMBINED SCALE FACTOR (CSF): 1.000120414 GRID NORTHING (CSF) = GROUND NORTHINGGRID EASTING (CSF) = GROUND EASTING

GEIOD18

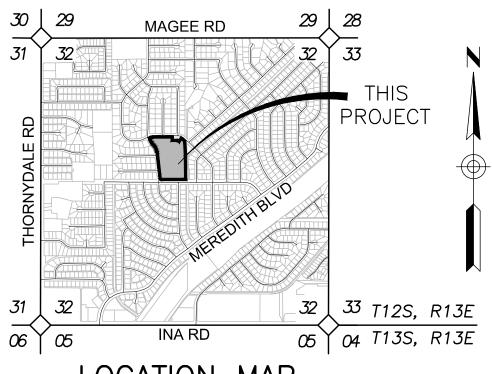
POINT NUMBER 5010

FOUND PIMA COUNTY PUBLISHED BENCHMARK DESCRIBED AS: CARVED "X" AT INA ROAD AND THORNYDALE ROAD, ON NORHTEAST CORNER, NORTH OF CARLS'S JR ON NORTH CORNER ON THE CONCRETE BASE OF ELECTRIC CABINETS. OBSERVED GROUND NORTHING = 487904.27 OBSERVED GROUND EASTING = 968877.32 PUBLISHED ELEVATION = 2251.18

PROJECT BENCHMARK:

OBSERVED ELEVATION = 2286.98

POINT NUMBER 5015 TEMPORARY SITE BENCHMARK BEING A FOUND BRASS CAP FLUSH AT EUNICE PLACE AND EUNICE STREET. OBSERVED GROUND NORTHING = 490737.38 OBSERVED GROUND EASTING = 970828.91



A PORTION OF THE SE 1/4, OF THE NW 1/4, OF SEC 32, T12S, R13E G&SRM, PIMA COUNTY, ARIZONA 3" = 1 MILE

APN: 225-39-0090 LAT: 32° 20' 44.92" N LONG: -111° 02' 21.21" W

ABBREVIATIONS

AGGREGATE BASE COURSE AMERICANS WITH DISABILITIES ACT ARIZONA REVISED STATUTES AVENUE

MARANA UNIFIED SCHOOL

DISTRICT #6 11279 WEST GRIER ROAD

Contact Arizona 811 at least two fuvorking days before you begin excava

AR ZONA811. Call 811 or click Arizona811.

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MU FIRE LA

CONSTRUCTION DOCUMENTS

> |[g]| GREGORY D VEGA

5/23/25

REVISIONS

MARANA, AZ 85653

www.maranausd.org

PHONE: 520.682.3243

BRASS CAP FLUSH BRASS CAP IN HANDHOLE BUILDING BOULEVARD

BOTTOM CABLE TELEVISION CENTERLINE COMMUNICATION CONCRETE COORDINATE

EAST, EASTING

EXISTING FINISH FLOOR ELEVATION FINISH GRADE FIRE HYDRANT

FOOT OR FEET GUTTER, GAS GRADE BREAK GAS METER

GROUND GAS VALVE

- - [⊤] - - TELEPHONE

SHEET INDEX

C2.1

C3.1

C4.1

LEGEND			
EXISTING		NEW	
•	BENCHMARK	*	BENCHMARK
SM	SURVEY MONUMENT	sM⊕	SURVEY MONUMENT
	SURVEY CONTROL POINT		SURVEY CONTROL POINT
\triangle	ANGLE POINT \triangle		ANGLE POINT
	CACTUS		CACTUS
——	FIRE HYDRANT	-	FIRE HYDRANT
	FIRE PROTECTION SERVICE	•	FIRE PROTECTION SERVICE
	ELECTRIC TRANSFORMER		ELECTRIC TRANSFORMER
\otimes	VALVE	\otimes	VALVE
	WATER METER	■ W	WATER METER
-PP	POWER POLE	PP	POWER POLE
	GUY WIRE	←	GUY WIRE
(6)	SANITARY SEWER MANHOLE	lacktriangle	SANITARY SEWER MANHOLE
c.o. ₅	SANITARY SEWER CLEANOUT	c.o. O	SANITARY SEWER CLEANOUT
	STORM SEWER MANHOLE	\bigcirc	STORM SEWER MANHOLE
	SIGN		RIPRAP
	TREE	4	SIGN
	PEDESTAL (TYPE NOTED)	第十卷	TREE
1 <u>0 11</u> 15 14	SECTION CORNER		LIMITS OF DISTURBANCE
	BUILDING SETBACK		BUILDING SETBACK
	CENTERLINE		CENTERLINE
	PROPERTY LINE		EASEMENT
	RIGHT-OF-WAY	——c—	DAYLIGHT LINE - CUT
	EDGE OF PAVEMENT	——F——	DAYLIGHT LINE - FILL
<u> </u>	FLOWLINE		RIGHT-OF-WAY
	MAJOR CONTOLIR		CHANNEL

GRADING & DRAINAGE PLAN

FLOOD ZONE DESIGNATION

DEMOLITION PLAN

SITE PLAN

THE SUBJECT PROPERTY LIES WITHIN FEMA ZONE X. ZONE X IS DEFINED AS AN AREA OF MINIMAL FLOOD HAZARD. THE FEMA FIRM MAP FOR THIS AREA IS 04019C1660L (EFFECTIVE DATE, 6/16/2011).

DRAINAGE IMPACT STATEMENT

NO DRAINAGE MODIFICATIONS ARE BEING PROPOSED FOR THIS SITE. EXISTING DRAINAGE CONDITIONS WILL REMAIN.

EXISTING		INEAA	
	BENCHMARK	+	BENCHMARK
SM	SURVEY MONUMENT	SM	SURVEY MONUMENT
	SURVEY CONTROL POINT	0	SURVEY CONTROL POINT
\triangle	ANGLE POINT	Δ	ANGLE POINT
	CACTUS		CACTUS
	FIRE HYDRANT	-	FIRE HYDRANT
	FIRE PROTECTION SERVICE		FIRE PROTECTION SERVICE
	ELECTRIC TRANSFORMER		ELECTRIC TRANSFORMER
\otimes	VALVE	\otimes	VALVE
	WATER METER	W	WATER METER
- - PP	POWER POLE	PP	POWER POLE
←	GUY WIRE	\leftarrow	GUY WIRE
(6)	SANITARY SEWER MANHOLE	lacktriangle	SANITARY SEWER MANHOLE
C.O.	SANITARY SEWER CLEANOUT	C.O.	SANITARY SEWER CLEANOUT
	STORM SEWER MANHOLE	\bigcirc	STORM SEWER MANHOLE
	SIGN		RIPRAP
	TREE	4	SIGN
	PEDESTAL (TYPE NOTED)	等米段	TREE
1 <u>0 1 1</u> 15 14	SECTION CORNER		LIMITS OF DISTURBANCE
	BUILDING SETBACK		BUILDING SETBACK
	CENTERLINE		CENTERLINE
	PROPERTY LINE		EASEMENT
	RIGHT-OF-WAY	——c—	DAYLIGHT LINE - CUT
	EDGE OF PAVEMENT	——F——	DAYLIGHT LINE - FILL
	FLOWLINE		RIGHT-OF-WAY
2420	MAJOR CONTOUR	<u> </u>	CHANNEL
2421	MINOR CONTOUR		EDGE OF PAVEMENT
— — 6" W — —	WATER LINE AND SIZE	—-···-	FLOWLINE
— — 8" S — —	SANITARY SEWER LINE AND SIZE	2420	MAJOR CONTOUR
— —12" SD— —	STORM DRAIN AND SIZE	2421	MINOR CONTOUR
— — СОММ — —	COMMUNICATION		ASPHALT PAVEMENT
— — ОНЕ — —	ELECTRIC (OVERHEAD)	eg Marin gallong Total	MATCH EXST SECTION
— — 2" G — —	GAS LINE AND SIZE	44 44	CONCRETE SIDEWALK

BENCHMARK

ELEV **ELEVATION** ELECTRIC EASEMENT EXST

FLOWLINE FOUND

FIRE SERVICE

HOUSE CONNECTION SEWER HIGH POINT IRRIGATION

LINEAR FEET LOW POINT LEFT

MAXIMUM MANHOLE MINIMUM MONUMENT LINE MODIFIED

NORTH, NORTHING NORTHEAST NATIONAL GEODETIC SURVEY NUMBER NOT TO SCALE NORTHWEST

> OVERHEAD ELECTRIC OVERHEAD TELEPHONE PIMA ASSOCIATION OF GOVERNMENTS POINT OF CURVATURE PONT OF COMPOUND CURVATURE TELEPHONE PEDESTAL

PROPERTY LINE POWER POLE POINT OF REVERSE CURVATURE PARKING PROPOSED POINT OF TANGENCY, POINT PUBLIC UTILITY EASEMENT

POLYVINYL CHLORIDE PAVEMENT RADIUS, RANGE

RIGHT-OF-WAY RIGHT SIDEWALK STORM DRAIN SOUTHEAST

SPEC

STA

STD

SW

WS

SECTION SQUARE FOOT SPECIFICATION SANITARY, SEWER STREET STATION STANDARD

SOUTHWEST SOUTHWEST GAS COMPANY TELEPHONE

TEMPORARY TECHNICAL STANDARDS MANUAL

UNIFIED DEVELOPMENT CODE UNKNOWN VERTICAL

WEST. WATER WATER METER WATER SERVICE WATER VALVE

WITH

C1.0

DEMOLITION NOTES

1 SAWCUT & REMOVE ASPH PVMT FULL DEPTH

2 REMOVE CONC SWLK TO NEAREST JOINT 3 REMOVE CONC CURB
TO NEAREST JOINT

REFERENCE NOTES

1) FIRE HYDRANT PROTECT IN PLACE 2 LIGHT POLE PROTECT IN PLACE

3 BOLLARD
PROTECT IN PLACE

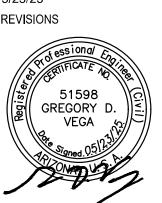
4 SIGN PROTECT IN PLACE 5 DRINKING FOUNTAIN PROTECT IN PLACE

OWNER:
MARANA UNIFIED SCHOOL
DISTRICT #6
11279 WEST GRIER ROAD
MARANA, AZ 85653
PHONE: 520.682.3243
www.maranausd.org





CONSTRUCTION DOCUMENTS 5/23/25



DEMOLITION PLAN

C2.1

SCALE: 1"=20'



CONSTRUCTION NOTES (1) MILL EXST 2" ASPH PVMT

10"AB/NATIVE COMPACTED TO 95% REFER TO GEOTECHNICAL REPORT PREPARED BY SAECO, DATED 3/24/2025, PROJECT NO 29.25.2601

(4) ADA COMPLIANT HANDRAIL

(8) CONC SWLK, WIDTH PER PLAN

(11) CONC SWLK, NEW TO EXST CONNECTION

(23) CONC CURB, TYPE (1)

(28) CONC CURB, NEW TO EXST CONNECTION

(29) CONC CURB TERMINAL SECTION

OWNER: MARANA UNIFIED SCHOOL

Contact Arizona 811 at least two full working days before you begin excavation

AR ZONA 811 Call 811 or click Arizona 811.com

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DISTRICT #6
11279 WEST GRIER ROAD MARANA, AZ 85653 PHONE: 520.682.3243

21) 1/4" MINUS DECOMPOSED GRANITE 2" THICK MIN

ASPH PVMT
2"AC/4"ABC/NATIVE COMPACTED TO 95%
REFER TO GEOTECHNICAL REPORT
PREPARED BY SAECO, DATED 3/24/2025,
PROJECT NO 29.25.2601

ALL VALVE BOXES, ELECTRICAL BOXES, MANHOLES, CLEANOUTS, GRATES, AND OTHER UTILITY SURFACE FEATURES SHALL BE ADJUSTED TO FINISH GRADE.

CONSTRUCTION DOCUMENTS



C3.1



GENERAL NOTES

- ADD 2200 FEET TO ALL SPOT ELEVATIONS TO MATCH NAVD88 DATUM.
- 2. ALL DIMENSIONS AND COORDINATES ARE TO CENTER OF SURVEY MONUMENTS, CENTER OF BLDG COLUMNS AND/OR FOUNDATION PIERS, FACE OF CURBS, FACE OF WALLS, EDGES OF CONCRETE SIDEWALKS, CENTER OF MANHOLE STRUCTURES & CLEAN OUTS, AND CENTERLINE OF PIPES, UNLESS NOTED OTHERWISE ON THESE PLANS.
- 3. ALL ADA ACCESSIBLE AREAS SHALL HAVE 2% MAXIMUM CROSS SLOPE AND 5% MAXIMUM LONGITUDINAL SLOPES. RAMPS SHALL HAVE A MAXIMUM SLOPE OF 12:1 (H:V) AND SHALL MEET CURRENT ADA STANDARÒS.
- 4. ALL ELEVATIONS ARE TO FINISH GRADE OF MATERIALS (ASPHALT, CONCRETE, RIPRAP, DG, ETC). CONTRACTOR SHALL OVER EXCAVATE, AS REQUIRED, TO MEET FINISH GRADE ELEVATIONS PER PLAN.
- 5. ALL VALVE BOXES, ELECTRICAL BOXES, MANHOLES, CLEANOUTS, GRATES, AND OTHER UTILITY SURFACE FEATURES SHALL BE ADJUSTED TO FINISH GRADE.
- 6. ALL TOP OF CURB GRADES ARE 6" HIGHER THAN PAVEMENT GRADES, UNLESS NOTED OTHERWISE.
- DEPRESS ALL LANDSCAPE AREAS A MINIMUM OF 2" BELOW ADJACENT HARDSCAPE OR BUILDINGS.
- 8. ALL LANDSCAPE AREAS SHALL SLOPE POSITIVELY AWAY FROM THE BUILDING.
- 9. ALL NEW SIDEWALK, PAVING & OTHER HARDSCAPE FEATURES SHALL MATCH IN WITH EXISTING ADJACENT GRADES.

LEGEND

HIGH POINT

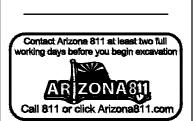
LOW POINT

FINISHED GRADE





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6 SURFACE FLOW DIRECTION

CONCRETE SPOT GRADE FLOW LINE SPOT GRADE

PAVEMENT SPOT GRADE TOP OF CURB SPOT GRADE PAVEMENT SPOT GRADE EXISTING SPOT GRADE EXISTING MAJOR CONTOUR EXISTING MINOR CONTOUR

NEW MAJOR CONTOUR

NEW MINOR CONTOUR

MUSD BUTTERFIEL
FIRE LANE & ADA IMPROVEMENTS
3400 W. MASSINGALE ROAD THESE

CONSTRUCTION DOCUMENTS



C4.1