



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

DES. ASR	DRN. ANM	CKD. DRO	JOB NO. 2305-02
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GRADING AND DRAINAGE
CONSTRUCTION NOTES:

- (1) INSTALL CONCRETE VERTICAL CURB AND GUTTER (MAG STANDARD DETAIL NO. 220-1, TYPE A).
- (2) INSTALL CONCRETE SINGLE CURB (MAG STANDARD DETAIL NO. 222, TYPE 'A').
- (3) INSTALL CONCRETE SIDEWALK (CITY OF PHOENIX STANDARD DETAIL NO. P1230). SCORING AND FINISH TO MATCH EXISTING.
- (4) PAINT STRIPE THE PARKING TO THE ALIGNMENTS INDICATED INCLUDING ALL DIRECTIONAL ARROWS, DROP-OFF AREAS, ETC.
- (5) INSTALL A.C. PAVEMENT (3" A.C. (1/2 INCH) OVER 8" A.B.C. OVER COMPACTED SUBGRADE.
- (6) INSTALL NEW 8' HIGH WROUGHT IRON FENCE, MATCH EXISTING.
- (7) INSTALL CONCRETE VALLEY GUTTER AND APRON (MAG STANDARD DETAIL NO. 240, MODIFIED TO BE 3' WIDE)
- (8) INSTALL 10' WIDE SIDEWALK SCUPPER (MAG STANDARD DETAIL NO. 206-1 AND 206-2).
- (9) INSTALL CONCRETE SPLASHPAD (SEE DETAIL ON SHEET C-2).
- (10) CONSTRUCT CURB TERMINATION (MAG STANDARD DETAIL NO. 222).
- (11) STRAIGHT GRADE FROM 1" BELOW TOP OF SIDEWALK AT A MAXIMUM OF 5:1 SLOPE TO MATCH INTO EXISTING GRADE.
- (12) INSTALL 4" HIGH TRAFFIC DOMES.
- (13) REMOVE EXISTING BUMPER BLOCKS AND REINSTALL AS SHOWN ON THE PLAN.
- (14) INSTALL NEW BUMPER BLOCK (MAG STANDARD DETAIL NO. 150, TYPE B-3).
- (15) MATCH EXISTING ELEVATION AND LOCATION.
- (16) SAWCUT, REMOVE AND REPLACE EXISTING 2' MINIMUM OF EXISTING A.C. PAVEMENT IN KIND.
- (17) TRANSITION TOP OF CURB FROM 0" TO 6" IN 20 FEET.
- (18) REMOVE AND RELOCATE EXISTING SIGN TO THE NEW LOCATIONS INDICATED. NEW POST AND BASE SHALL BE PER MAG STANDARD DETAIL NO. 131, TYPE 'C'. POTHOLE PRIOR TO CONSTRUCTION TO AVOID CONFLICTS WITH EXISTING UTILITIES.
- (19) REMOVE EXISTING BUBBLER BOX. EXTEND EXISTING 15" STORM DRAIN AS SHOWN. INSTALL NEW DUAL CHAMBER DRYWELL AT THE TOE OF SLOPE (SEE DETAIL ON SHEET C-2).
- (20) INSTALL STORM DRAIN CLEANOUT. SEE DETAIL ON SHEET C-2.
- (21) INSTALL A.C. PAVEMENT (2" A.C. (1/2 INCH) OVER 6" A.B.C. OVER COMPACTED SUBGRADE.
- (22) INSTALL "FIRE LANE - NO PARKING" SIGN PER CITY OF PHOENIX FIRE CODE DETAILS.

NOTES:

RE-WORK AND MODIFY ALL EXISTING IRRIGATION AS NEEDED TO PROVIDE 100% COVERAGE AND TO OWNER'S SATISFACTION.

GRADING AND DRAINAGE PLAN

CARTWRIGHT ELEMENTARY DISTRICT

**PARKING RENOVATIONS FOR
JUAN PENA JR. ELEMENTARY SCHOOL**

	DRAWING STATUS
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100% CD SET

DATE: 06-09-23

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