 $\frac{H}{R}$

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

DES. VR	DRN. ARS	CKD. DRO	JOB NO. 1811-05
----------------	-----------------	-----------------	------------------------



*** SEE CROSS-SECTIONS ON SHEET C-3 ***

- ① INSTALL CONCRETE VERTICAL CURB (MAG STANDARD DETAIL NO. 222, TYPE 'A').
- ② INSTALL CONCRETE VERTICAL CURB AND GUTTER (MAG STANDARD DETAIL NO. 220-1, TYPE A).
- ③ INSTALL 3" A.C. (TYPE C-3/4) OVER 7" A.B.C. OVER COMPACTED SUBGRADE.
- ④ MATCH EXISTING CONCRETE CURB/CONCRETE SIDEWALK/PAVEMENT ELEVATION AND LOCATION.
- ⑤ REMOVE EXISTING CONCRETE SIDEWALK AND WROUGHT IRON FENCE AS REQUIRED FOR NEW CONSTRUCTION.
- ⑥ INSTALL CONCRETE SIDEWALK (MAG STANDARD DETAIL NO. 230).
- ⑦ CONSTRUCT CURB RAMP (MAG STANDARD DETAIL NO. 235-3).
- ⑧ CONSTRUCT SIDEWALK SPLASHPAD (SEE DETAIL ON SHEET C-2).
- ⑨ STRAIGHT GRADE AT A 5:1 MAXIMUM SLOPE FROM 1" BELOW TOP OF SIDEWALK TO MATCH EXISTING GRADE.
- ⑩ SAWCUT, REMOVE, AND REPLACE A MINIMUM TWO FEET (2') OF EXISTING A.C. PAVEMENT IN KIND.
- ⑪ EXISTING WROUGHT IRON FENCE TO REMAIN. PROTECT FROM DAMAGE.
- ⑫ STRAIGHT GRADE AT A 5:1 MAXIMUM SLOPE FROM 6" BELOW TOP OF CURB TO MATCH EXISTING GRADE.
- ⑬ FIELD VERIFY LOCATION AND ELEVATION OF EXISTING COMMUNICATION AND ELECTRICAL LINES PRIOR TO THE START OF THE CONSTRUCTION. PROTECT FROM DAMAGE.
- ⑭ EXISTING TREE TO REMAIN. PROTECT FROM DAMAGE.
- ⑮ CONSTRUCT 6' WIDE CURB OPENING (SEE DETAIL ON SHEET C-2).
- ⑯ CONSTRUCT CONCRETE SCUPPER WITH NO SPILLWAY (MAG STANDARD DETAIL NO. 206-1, WIDTH PER PLAN).
- ⑰ INSTALL CONCRETE RIBBON CURB (MAG STANDARD DETAIL NO. 220-1, TYPE B).
- ⑱ TRANSITION FROM CONCRETE VERTICAL CURB AND GUTTER/SINGLE CURB TO A CONCRETE RIBBON CURB IN 5 FEET.

- 19 NEW CHAIN LINK FENCE AND/OR GATE.
- 20 NEW WROUGHT IRON FENCE.
- 21 CONSTRUCT CONCRETE VALLEY GUTTER AND APRON (MAG STANDARD DETAIL NO. 240, WIDTH PER PLAN).
- 22 INSTALL "BUSES ONLY" SIGN WITH 6" HIGH BLACK LETTER ON WHITE REFLECTIVE BACKGROUND. POST AND BASE SHALL CONFORM TO MAG STANDARD DETAIL NO. 131, TYPE 'C'.

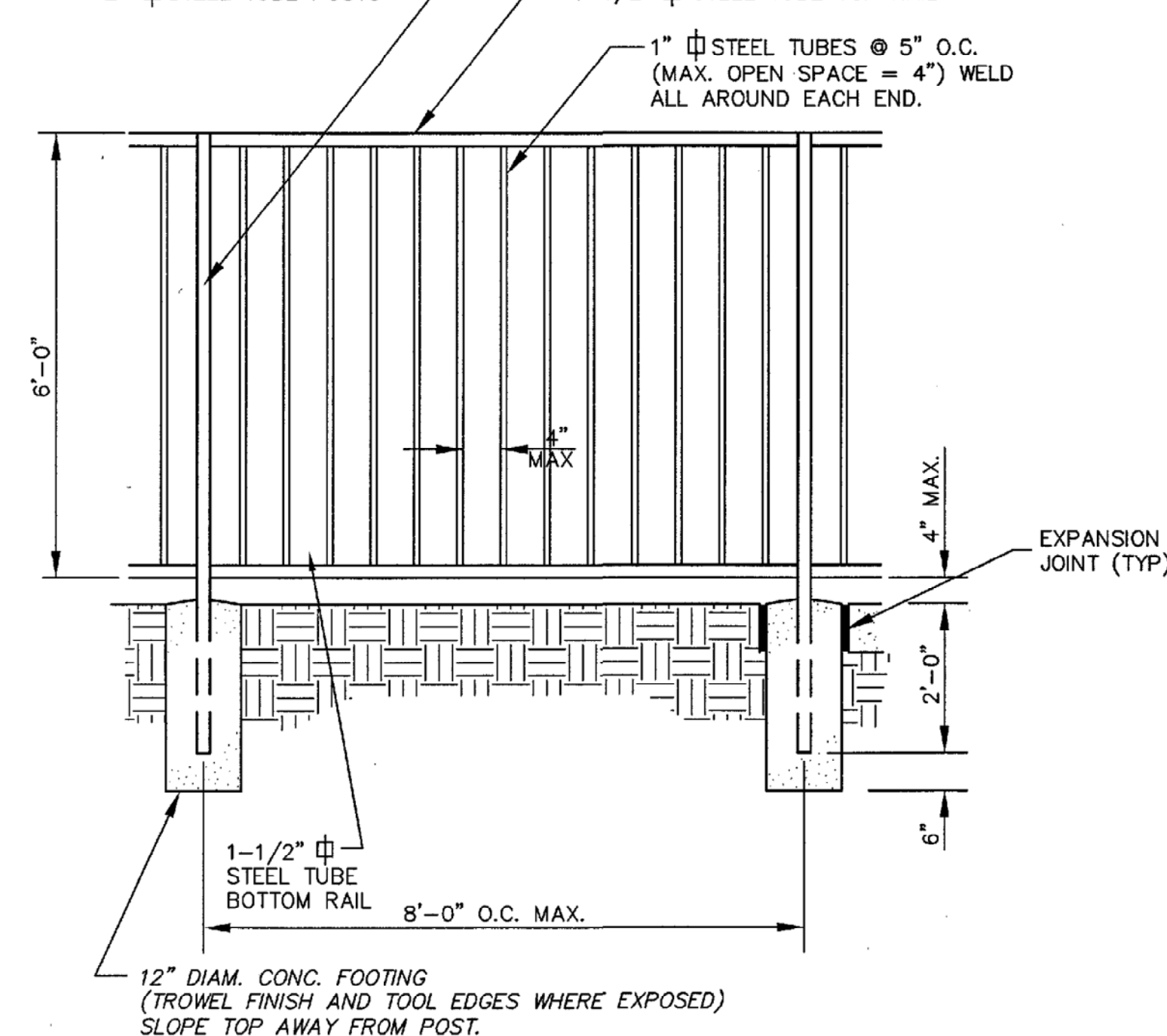
- 1 INSTALL 6" DUCTILE IRON (PRESSURE CLASS 350) WATER LINE INCLUDING ALL BENDS, TEES, FITTINGS AND THRUST BLOCKS.
- 2 REMOVE EXISTING WATER LINE BETWEEN LIMITS SHOWN. TURN OFF AND ABANDON EXISTING GATE VALVE. INSTALL WATERTIGHT CAP AND THRUST BLOCK PER MAG AND CITY OF LITCHFIELD PARK SERVICE COMPANY LIBERTY UTILITIES REQUIREMENTS.
- 3 INSTALL 6" GATE VALVE WITH VALVE BOX AND COVER WITH CHAIN ATTACHMENT (MAG STANDARD DETAIL NO. 391-1, TYPE "C" AND MAG STANDARD DETAIL NO. 270).
- 4 INSTALL 8" X 6" TEE WITH NECESSARY AND APPROPRIATE FITTINGS. FIELD VERIFY SIZE, ELEVATION AND LOCATION OF THE EXISTING WATER LINE PRIOR TO THE START OF CONSTRUCTION.
- 5 REMOVE, SALVAGE AND REINSTALL EXISTING FIRE HYDRANT. REPAIR AND REPAINT AS REQUIRED. WARRANT AS IF NEW. REINSTALL PER MAG AND CITY OF LITCHFIELD PARK SERVICE COMPANY LIBERTY UTILITIES REQUIREMENTS.
- 6 SAWCUT, REMOVE AND REPLACE A MINIMUM TWO FEET (2') OF EXISTING A.C. PAVEMENT IN KIND.

COLOR OF ALL WROUGHT IRON FENCE TO MATCH EXISTING.

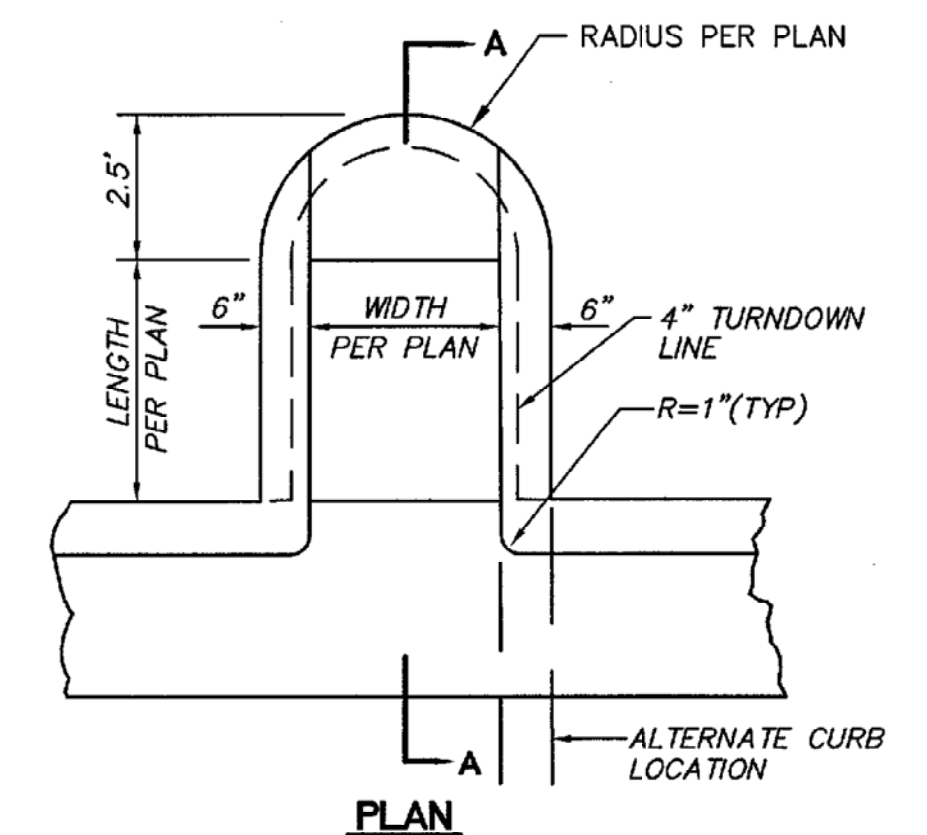
2" \square STEEL TUBE POSTS-

1/2" \varnothing STEEL

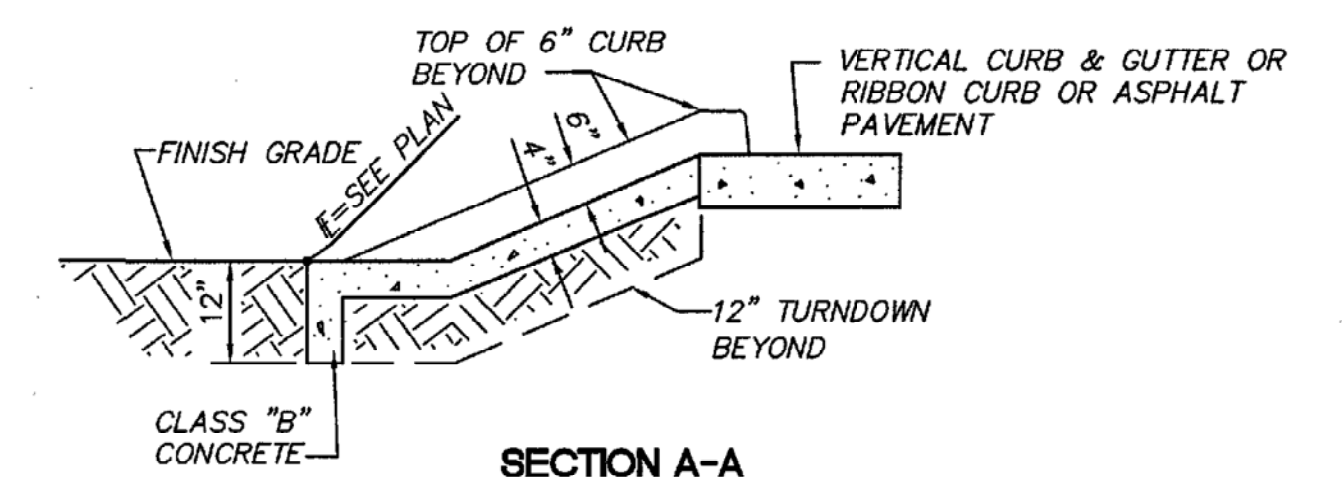
1" ϕ STEEL TUBES @ 5" O.C.
(MAX. OPEN SPACE = 4") WELD
ALL AROUND EACH END.



WROUGHT IRON FENCE DETAIL
NOT TO SCALE



PLAN



SECTION A-A

CONCRETE SPLASHPAD DETAIL
NOT TO SCALE

**BUS DROP OFF AT
WAM ELEMENTARY SCHOOL**

DRAWING STATUS		SHEET	OF	C-2
1ST COUNTY SUBMITTAL				
SET				
DATE:	03/29/19	2	3	

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

ARIZONA 811

Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5311) in Maricopa County: (602) 263-1100