

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

DES. **DRO** DRN. **ANM** CKD **DRO** JOB NO. **2308-02**

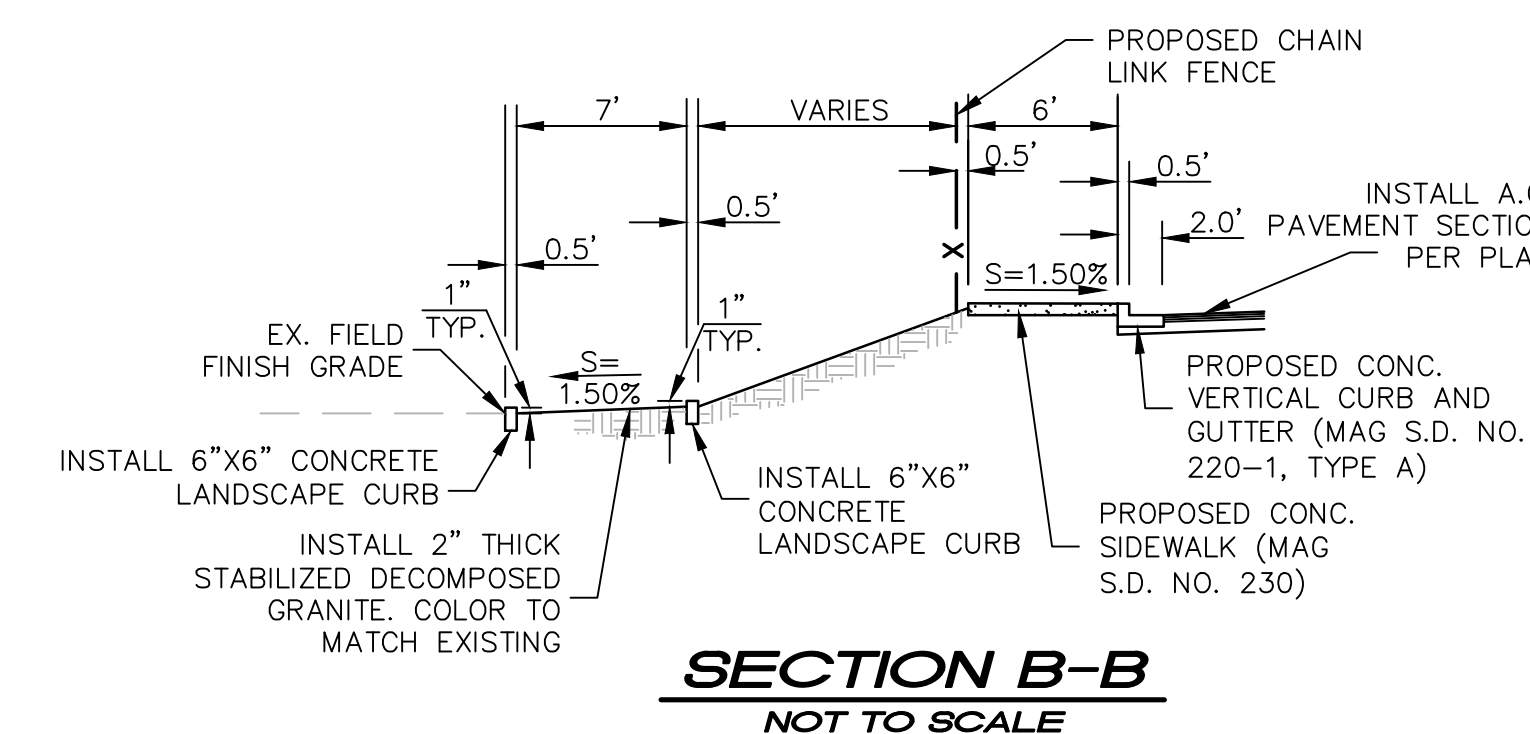
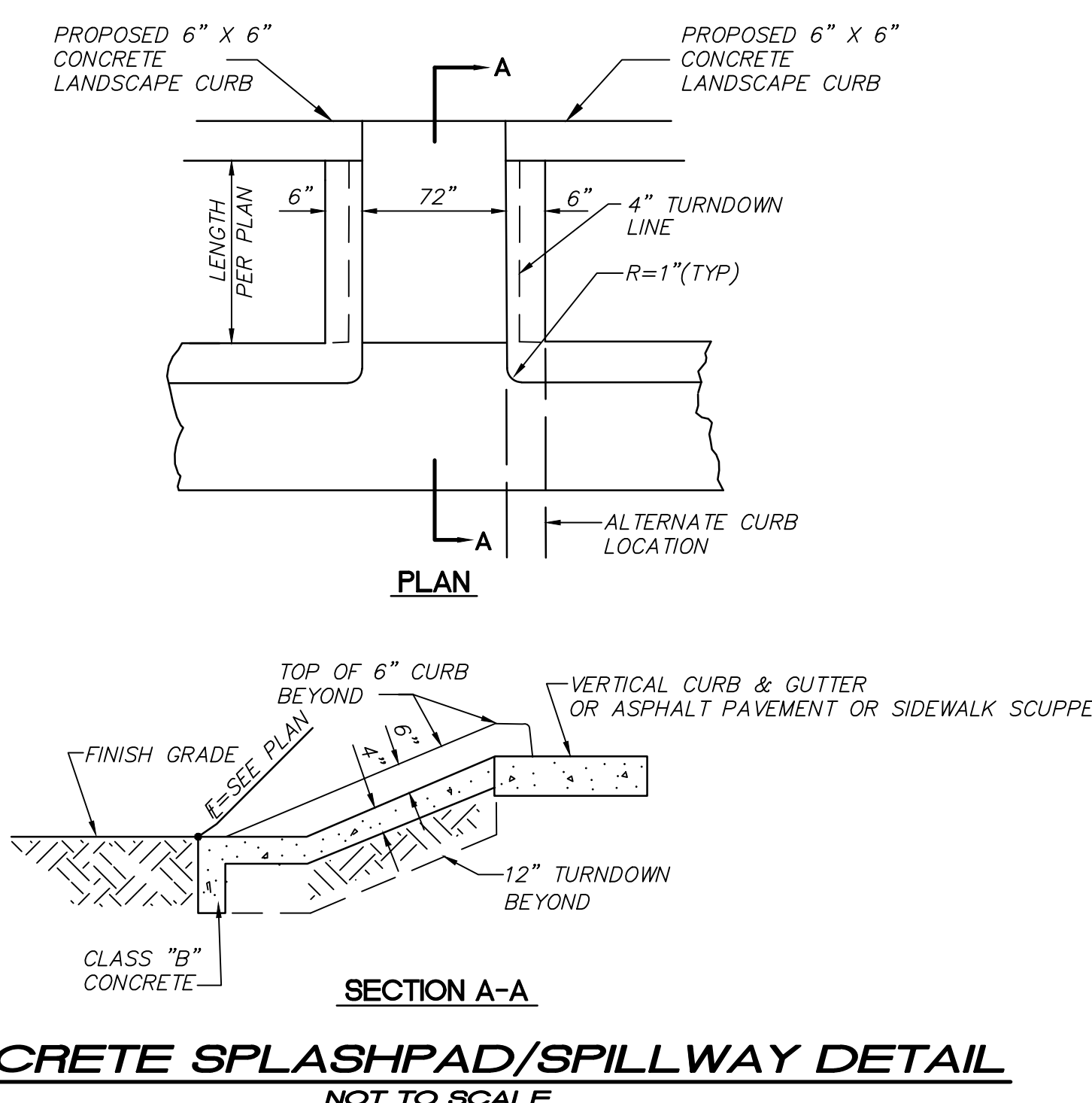
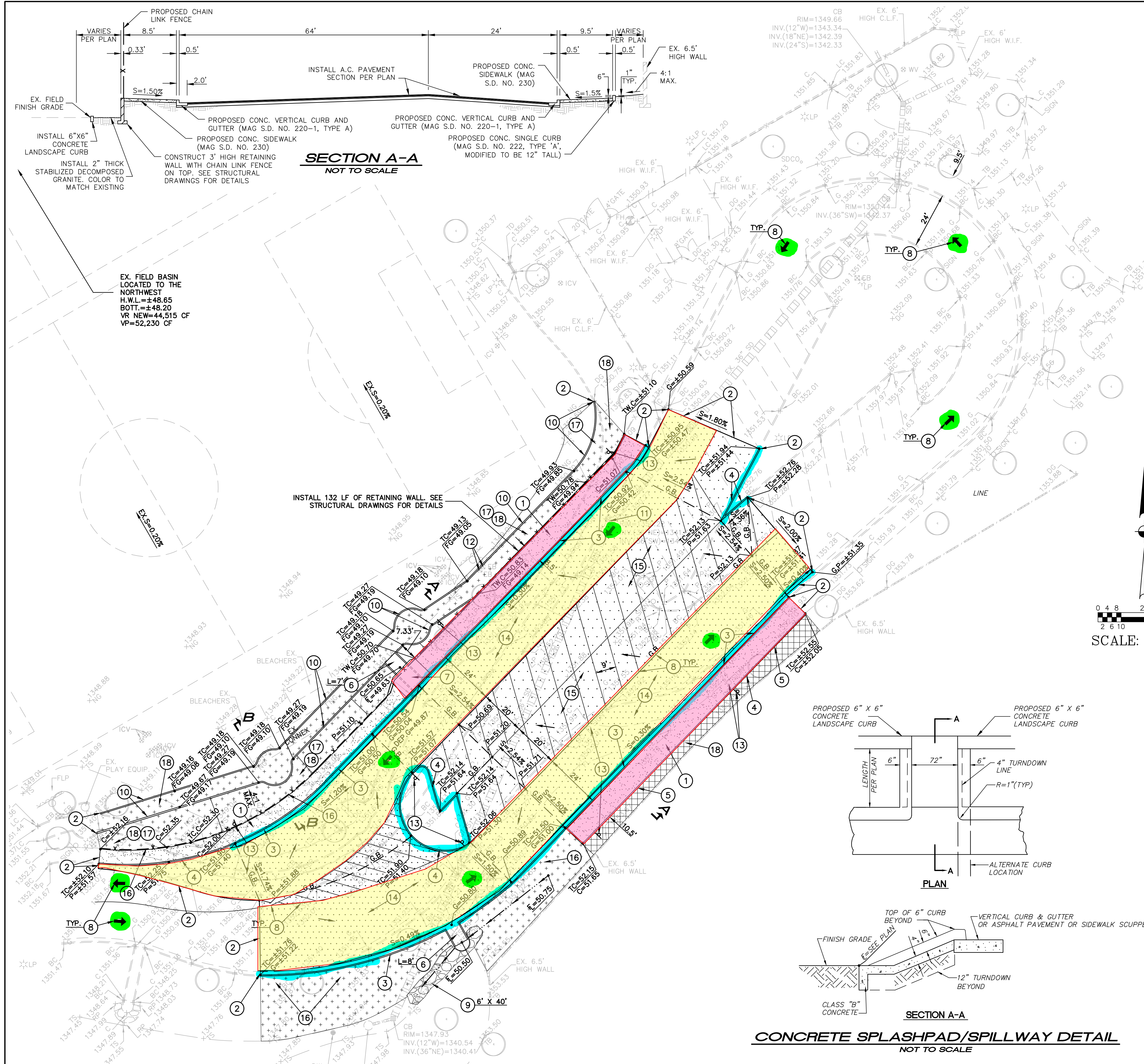
GRADING AND DRAINAGE CONSTRUCTION NOTES:

1. INSTALL NEW CONCRETE SIDEWALK (MAG STANDARD DETAIL NO. 230).
2. MATCH EXISTING ELEVATION AND LOCATION.
3. INSTALL CONCRETE VERTICAL CURB AND GUTTER (MAG STANDARD DETAIL NO. 220-1, TYPE A).
4. INSTALL CONCRETE SINGLE CURB (MAG STANDARD DETAIL NO. 222, TYPE 'A').
5. INSTALL CONCRETE SINGLE CURB (MAG STANDARD DETAIL NO. 222, TYPE 'A' MODIFIED TO BE 12" TALL). SEE SECTION A-A ON THIS SHEET FOR DETAILS.
6. CONSTRUCT 6' WIDE CONCRETE SPLASHPAD (SEE DETAIL ON THIS SHEET).
7. CONSTRUCT CONCRETE SIDEWALK SCUPPER WITH SPILLWAY (MAG STANDARD DETAIL NO.'S 206-1, -2, MODIFIED TO HAVE A CHAIN LINK FENCE IN LIEU OF A SAFETY RAIL).
8. PAINT STRIPE THE PARKING LOT AND BUS LOOP TO THE ALIGNMENTS INDICATED. INCLUDING ALL DIRECTIONAL ARROWS, PARKING STALLS, ETC.
9. INSTALL 12" THICK ANGULAR RIP-RAP ($D_{50}=6"$) COLOR PER OWNER. INSTALL MIRAFI 180N FILTER FABRIC BENEATH RIP-RAP.
10. INSTALL NEW 6"x6" CONCRETE LANDSCAPE CURB.
11. ADJUST EXISTING CATCH BASIN TO FINISH GRADE PER MAG SPECIFICATIONS.
12. ADJUST EXISTING ELECTRICAL BOXES TO NEW FINISH GRADE PER MAG SPECIFICATIONS AND REQUIREMENTS.
13. REINSTALL SALVAGED FIRE LANE SIGN WITH NEW POST AND BASE PER MAG STANDARD DETAIL NO. 131, TYPE 'C'.
14. INSTALL A.C. PAVEMENT (2" A.C. (1/2 INCH GYRATORY MIX) OVER 3" A.C. (3/4 INCH GYRATORY MIX) OVER 4" A.B.C. OVER COMPACTED SUBGRADE.
15. INSTALL A.C. PAVEMENT (3" A.C. (3/4 INCH MARSHALL MIX) OVER 6" A.B.C. OVER COMPACTED SUBGRADE.
16. INSTALL 9 GAUGE FINISH, VINYL COATED CHAIN LINK FENCE FABRIC (2" MESH). CHAIN LINK FENCE HEIGHT AND POSTS SHALL MATCH EXISTING.
17. RELOCATE ANY AND ALL EXISTING SPRINKLER HEADS OUTSIDE OF THE NEW PROPOSED IMPROVEMENT AREA. SPRINKLERS SHALL PROVIDE 100% COVERAGE TO ALL TURF AREAS.
18. INSTALL 2" THICKNESS OF STABILIZED DECOMPOSED GRANITE FOR THE RUNNING TRACK. COLOR AND SIZE TO MATCH EXISTING. DECOMPOSED GRANITE SHALL BE INSTALLED 1" BELOW THE TOP OF CURB/SIDEWALK. STABILIZE USING STALOK STABILIZER BY STABILIZER SOLUTIONS OR APPROVED EQUAL.

ADJACENT WAYS LEGEND

- ON-SITE BUS/FIRE LANE
- ON-SITE BUS DROPOFF SIDEWALK
- ON-SITE FIRE LANE CURBS
- ON-SITE BUS-LANE STRIPING

SCALE: 1"=20'



GRADING AND DRAINAGE PLAN

HIGLEY UNIFIED SCHOOL DISTRICT #60

PARKING LOT RENOVATIONS AT SOSSAMAN MIDDLE SCHOOL

DRAWING STATUS	SHEET	OF	
100% CIVIL SET	3	3	C-3
DATE: 12-7-23			

