

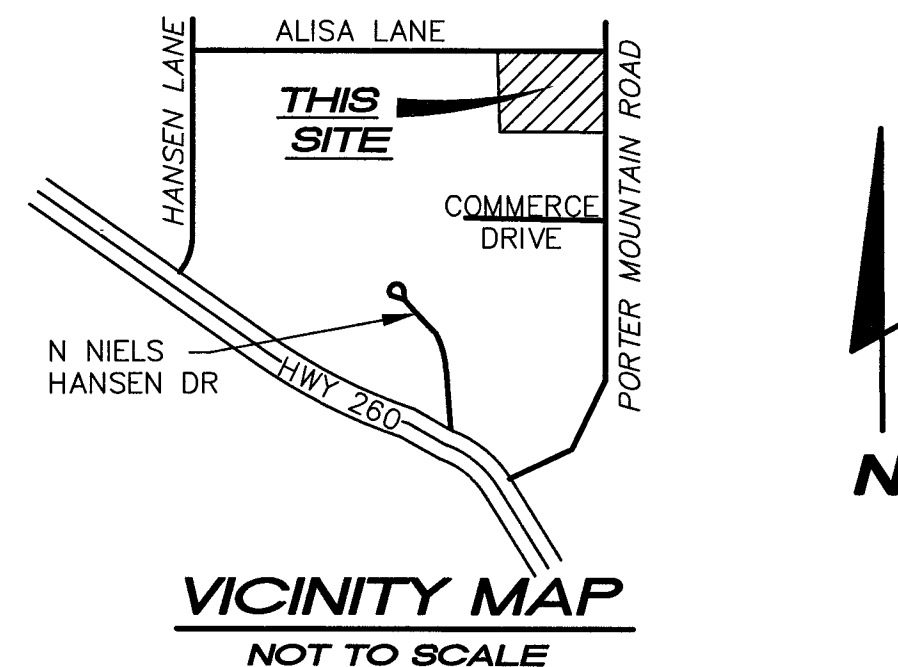
BUS DROP PLANS
FOR
BLUE RIDGE MIDDLE SCHOOL

3050 NORTH PORTER MOUNTAIN ROAD
LAKESIDE, ARIZONA 85929

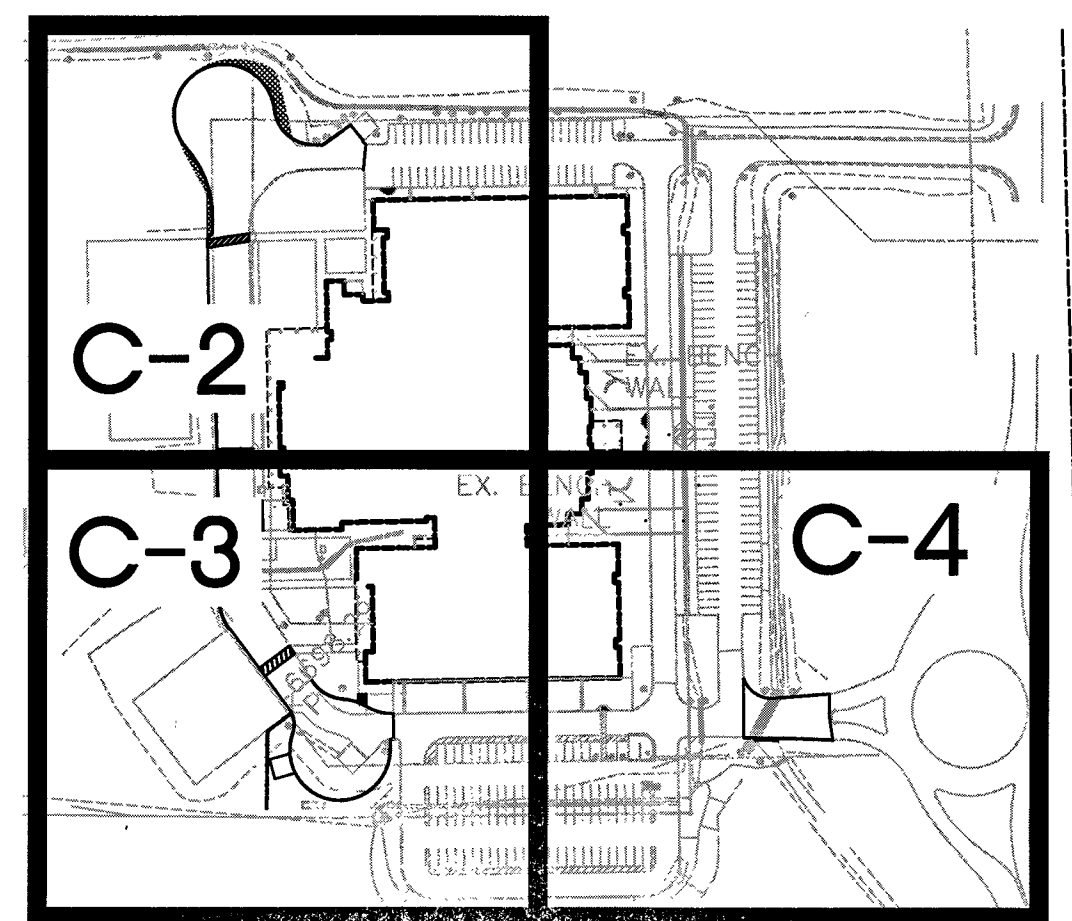
FOR
BLUE RIDGE UNIFIED SCHOOL DISTRICT
ADDRESS: 1200 W WHITE MOUNTAIN BLVD.
LAKESIDE, AZ 85929
PHONE: (928) 368-6126

LEGEND

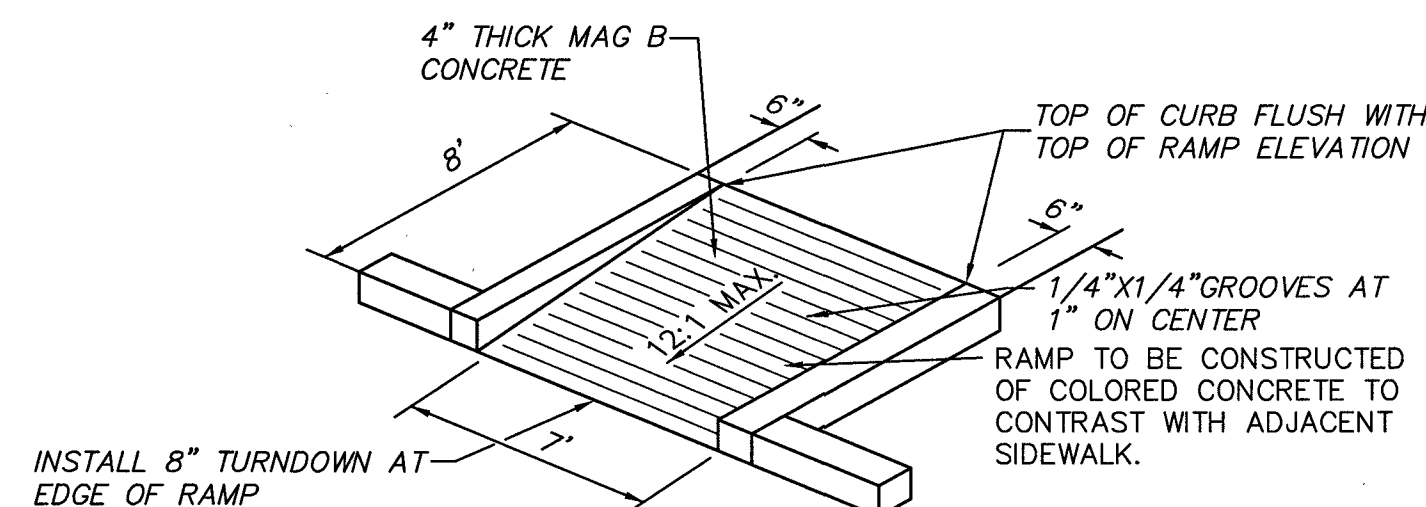
- ×6705.50
BRC EXISTING TOP OF RIBBON CURB ELEVATION
- ×BC EXISTING SINGLE VERTICAL CURB ELEVATION
- ×6700.08
C EXISTING CONCRETE ELEVATION
- ×6698.75
EP EXISTING EDGE OF PAVEMENT ELEVATION
- ×6699.39
P EXISTING PAVEMENT ELEVATION
- ×6700.56
DG EXISTING DECOMPOSED GRANITE ELEVATION
- ×6697.60
FL/UD EXISTING FLOW LINE OR UNDERDRAIN ELEVATION
- ×6700.54
SW EXISTING SIDEWALK ELEVATION
- ×6700.54
FF EXISTING FINISH FLOOR ELEVATION
- ×LC 6699.00 EXISTING LANDSCAPE CURB ELEVATION
- ×6694.57
TS EXISTING TOE OF SLOPE ELEVATION
- ×6695.33
TB EXISTING TOP OF BERM ELEVATION
- SSMH
RIM=6700.23 EXISTING SANITARY SEWER MANHOLE WITH RIM ELEVATION
- GI
RIM=6700.26 EXISTING GREASE INTERCEPTOR WITH RIM ELEVATION
- AD
RIM=6700.42 EXISTING AREA DRAIN WITH RIM ELEVATION
 - RD EXISTING ROOF DRAIN
 - SSCO EXISTING SANITARY SEWER CLEANOUT
 - ⊙ FH EXISTING FIRE HYDRANT
 - ⊙ WV EXISTING WATER VALVE
 - ⊙ WMB EXISTING WATER METER BOX
 - ⊙ DF EXISTING DRINKING FOUNTAIN
 - 8"WR EXISTING WATER RISER AND SIZE
 - ⊙ WVL EXISTING WATER VAULT
 - PST EXISTING POST
 - ⊙ LB EXISTING LOCK BOX
 - ⊙ C EXISTING COLUMN
 - ⊙ ET EXISTING ELECTRIC TRANSFORMER
 - ×LP EXISTING LIGHT POLE
 - ER EXISTING ELECTRIC RISER
 - GR EXISTING GAS RISER
 - ⊙ GM EXISTING GAS METER
 - ⊙ 6'X2 EXISTING ROCK AND SIZE
 - EXISTING SMALL TREE
 - EXISTING LARGE TREE
- 4" A.C. PAVEMENT OVER 12" ABC ON GEOGRID ON NON-WOVEN FILTRATION



VICINITY MAP
NOT TO SCALE



SHEET INDEX MAP
NOT TO SCALE



SIDEWALK RAMP
NOT TO SCALE

ENGINEER:

HESS-ROUNTREE, INC.
9831 SOUTH 51ST STREET, SUITE C110
PHOENIX, AZ 85044
PHONE: (480) 496-0244
FAX: (480) 496-0094
CONTACT: DOUG OSBORN, PE

OWNER/DEVELOPER:

BLUE RIDGE UNIFIED SCHOOL DISTRICT
1200 W WHITE MOUNTAIN BLVD.
LAKESIDE, AZ 85929
PHONE: (928) 368-6126
CONTACT: ALLISON SURIANO

SHEET INDEX:

SHEET NO.	DESCRIPTION
C-1	COVER SHEET
C-2	GRADING AND DRAINAGE PLAN
C-3	GRADING AND DRAINAGE PLAN
C-4	GRADING AND DRAINAGE PLAN

**DESIGN CIVIL ENGINEER'S
NOTES TO CONTRACTOR:**

- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE DESIGN CIVIL ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- THE DESIGN CIVIL ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK. THESE ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY. THE DESIGN CIVIL ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CLEANING TRUCKS AND/OR OTHER EQUIPMENT OF MUD PRIOR TO ENTERING PUBLIC STREETS, AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN STREETS, ALLAY DUST, AND TO TAKE WHATEVER MEASURES ARE NECESSARY TO INSURE THAT ALL ROADWAYS AND ON SITE PARKING LOTS/FIRE LANES ARE MAINTAINED IN A CLEAN, MUD AND DUST-FREE CONDITION AT ALL TIMES.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE BLUE STAKE CENTER TWO WORKING DAYS PRIOR TO ANY EXCAVATION. THE UNDERGROUND UTILITY LOCATIONS AS SHOWN HEREON ARE BASED ON THE BEST INFORMATION AVAILABLE FROM UTILITY RECORDS AND OTHER DATA AS SUPPLIED TO THIS DESIGN CIVIL ENGINEER. THERE MAY BE OTHER UNDERGROUND UTILITY LINES, SERVICE LINES AND STRUCTURES PRESENT IN THE SUBJECT AREA. CONTRACTOR SHALL INCLUDE IN HIS BID THE COST OF HIRING AN UNDERGROUND UTILITY LOCATING SERVICE FOR THE PURPOSE OF LOCATING ALL UNDERGROUND UTILITIES. CONTRACTOR WILL COORDINATE WITH THE OWNER AND ARCHITECT TO DETERMINE WHETHER SAID UTILITIES ARE TO BE ABANDONED OR PROTECTED FROM DAMAGE.
- THE DESIGN CIVIL ENGINEER MAKES NO REPRESENTATION OR GUARANTEE REGARDING THE EARTHWORK QUANTITIES OR THAT THE EARTHWORK FOR THIS PROJECT WILL BALANCE DUE TO THE VARYING FIELD CONDITIONS, CHANGING, SOIL TYPES, ALLOWABLE CONSTRUCTION TOLERANCES AND CONSTRUCTION METHODS. PRIOR TO BIDDING THE WORK, THE CONTRACTOR SHALL THOROUGHLY SATISFY HIMSELF AS TO THE ACTUAL CONDITIONS, EARTHWORK QUANTITIES AND REQUIREMENTS OF THE WORK AND EXCESS OR DEFICIENCY THEREIN, ACTUAL OR RELATIVE.
- THE CONTRACTOR SHALL ADJUST ALL EXISTING AND NEW CLEANOUTS, WATER VALVE BOXES, MANHOLES, GAS VALVE BOXES, IRRIGATION BOXES, ETC. IN THE CONSTRUCTION AREA TO FINISH GRADE PER THE APPLICABLE MAG STANDARD DETAIL. ALL VALVE BOXES, MANHOLES, ETC. IN CONCRETE PAVEMENT AREAS SHALL BE ISOLATED FROM THE CONCRETE PAVEMENT WITH EXPANSION JOINTS.
- ALL NEW UNDERGROUND FACILITIES/UTILITIES SHALL BE INSTALLED WITH A DETECTABLE UNDERGROUND LOCATION DEVICE. INSTALL A #18 INSULATED TRACER WIRE SECURELY ATTACHED TO EACH UTILITY AT 8'-FEET ON CENTER. 12" OF TRACER WIRE SHALL BE ACCESSIBLE ABOVE GRADE AT THE TERMINATION AND SHALL BE SECURELY ATTACHED AT THAT POINT. THE CONTRACTOR SHALL INCLUDE ALL COSTS ASSOCIATED WITH THIS REQUIREMENT IN THEIR BID.
- THE CONTRACTOR SHALL MAKE NO CLAIMS AGAINST THE OWNER OR THE DESIGN CIVIL ENGINEER REGARDING ALLEGED INACCURACY OF CONSTRUCTION STAKES SET BY THE DESIGN CIVIL ENGINEER UNLESS ALL SURVEY STAKES SET BY THE DESIGN CIVIL ENGINEER ARE MAINTAINED INTACT AND CANNOT BE VERIFIED AS TO THEIR ORIGIN, ANY REMEDIAL WORK REQUIRED TO CORRECT ANY ITEM OF IMPROPER CONSTRUCTION WORK IN THIS DEVELOPMENT SHALL BE PERFORMED AT THE SOLE EXPENSE OF THE RESPONSIBLE CONTRACTOR OR SUBCONTRACTOR.
- ALL NEW PRIVATE UNDERGROUND UTILITIES (WATER, SEWER, FIRE AND STORM DRAIN LINES) SHALL BE BEDDED WITH A.B.C., PER MAG SECTION 702, FROM 4" (MIN.) BELOW THE BOTTOM OF THE PIPE TO 12" (MIN.) ABOVE THE TOP OF THE PIPE.
- THE CONTRACTOR SHALL INCLUDE ALL COSTS ASSOCIATED WITH MATERIALS TESTING IN THE BID. ALL SUBGRADE, A.B.C., ASPHALT AND CONCRETE SHALL BE TESTED IN ACCORDANCE WITH MAG SPECIFICATION. TESTING SHALL BE BY AN INDEPENDENT TESTING COMPANY APPROVED BY ENGINEER.

BENCHMARK:

LOCAL BENCHMARK SET ON TOP OF MANHOLE RIM LOCATED APPROXIMATELY 12 FEET SOUTH OF THE NORTHEAST CORNER OF SECTION 23, TOWNSHIP 9 NORTH, RANGE 22 EAST OF THE GILA AND SALT RIVER MERIDIAN, NAVAJO COUNTY, ARIZONA AS REFERRED TO ON THE TOPOGRAPHIC MAP PREFORMED BY STEELE GEOGRAPHICAL SERVICES.

ELEVATION=6701.70

(NGVD29 DATUM)

NOTE:

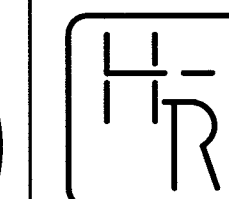
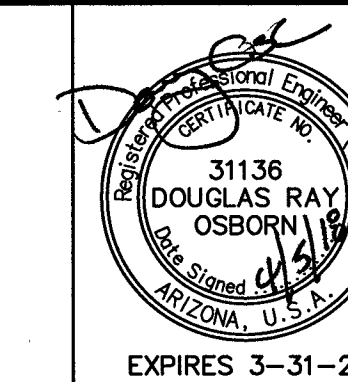
THESE DRAWINGS ARE AN INSTRUMENT OF SERVICE ONLY AND ARE AND SHALL REMAIN THE EXCLUSIVE PROPERTY OF HESS-ROUNTREE, INC.. NO REPRODUCTION OR OTHER USE SHALL BE MADE BY ANY PERSON OR FIRM OTHER THAN HESS-ROUNTREE, INC. OR THE BLUE RIDGE UNIFIED SCHOOL DISTRICT WITHOUT EXPRESS PERMISSION OF HESS-ROUNTREE, INC. ANY UNAUTHORIZED USE SHALL VOID THE ENGINEER'S SEAL AND SIGNATURE HEREON AND NO PROFESSIONAL RESPONSIBILITY WILL REMAIN.

BLUE RIDGE UNIFIED SCHOOL DISTRICT NO. 32

**BUS DROP PLANS FOR
BLUE RIDGE MIDDLE SCHOOL**

DRAWING STATUS	SHEET	OF	
	1	4	C-1
DATE:	04-04-18		



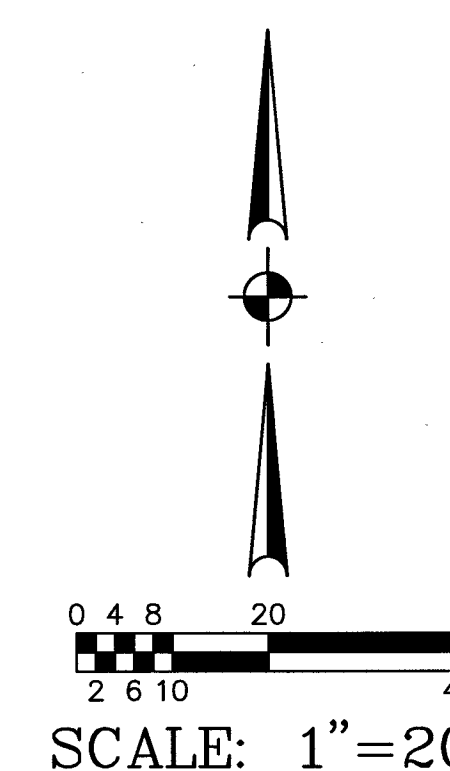


HESS - ROUNTREE, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
9831 SOUTH 51ST STREET, SUITE C110
PHOENIX, ARIZONA 85044 (480)496-0244

DES: **DRO** DRN: **ANM** CKD: **DRO** JOB NO. **1803-23**

CONSTRUCTION NOTES:

- 1 INSTALL NEW A.C. PAVEMENT. (4" A.C. PAVEMENT OVER 12" A.B.C. ON NON-WOVEN FILTRATION (DRAINAGE) AND SEPARATION FABRIC CONFORMING TO MAG SPECIFICATIONS SECTION 796, TABLE 796-2, CLASS A. THE FABRIC SHALL BE PLACED DIRECTLY ON THE SUBGRADE AND THEN A REINFORCEMENT GEOGRID CONFORMING TO MAG SPECIFICATIONS SECTION 796, TABLE 796-4, TYPE 2 SHALL BE INSTALLED.
- 2 INSTALL CONCRETE SINGLE CURB (MAG STANDARD DETAIL NO. 222, TYPE A, MODIFIED TO BE 24" IN HEIGHT).
- 3 PAINT STRIPE TO ALIGNMENTS INDICATED.
- 4 INSTALL CHAIN LINK FENCE.
- 5 PROTECT EXISTING CHAIN LINK FENCE/GATE.
- 6 REMOVE EXISTING BOULDER. MOVE TO NEW LOCATION AS DIRECTED BY OWNER.
- 7 REMOVE EXISTING PAVEMENT/CONCRETE SIDEWALK.
- 8 INSTALL 10" THICK CONCRETE PAVEMENT. (MAG SPECIFICATIONS SECTION 725, TYPE AA, WITH 5% AIR ENTRAPMENT).
- 9 REMOVE EXISTING CHAIN LINK FENCE.
- 10 INSTALL CLEAN FILL IN LANDSCAPED AREA TO PROVIDE A SMOOTH TRANSITION TO MATCH EXISTING GRADE AND TO FILL IN THE EXCAVATION CREATED BY THE REMOVAL OF THE EXISTING ASPHALT.
- 11 INSTALL NEW SIDEWALK RAMP (SEE DETAIL ON SHEET C-1).
- 12 REMOVE EXISTING TREE.

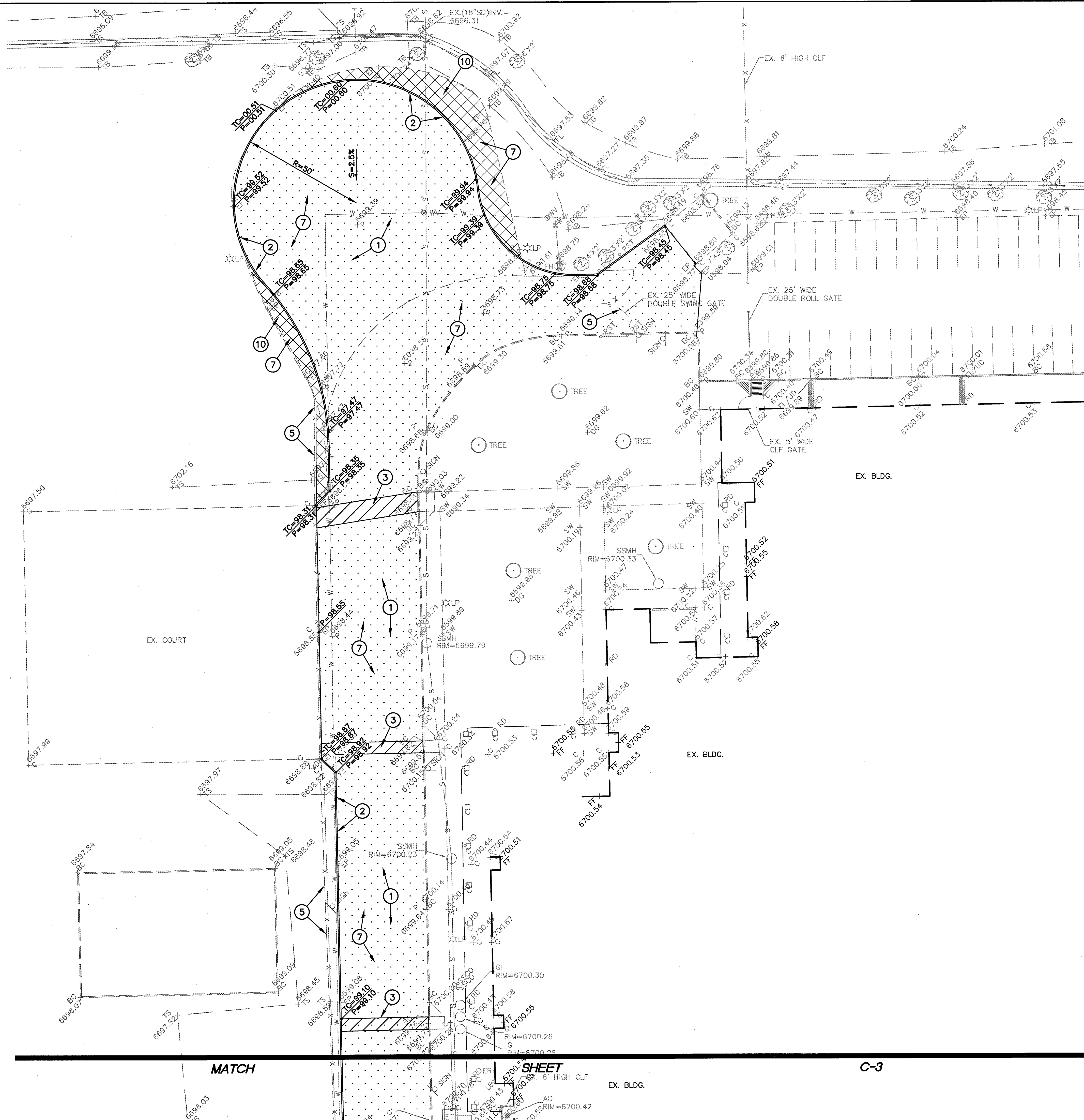


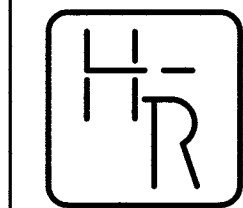
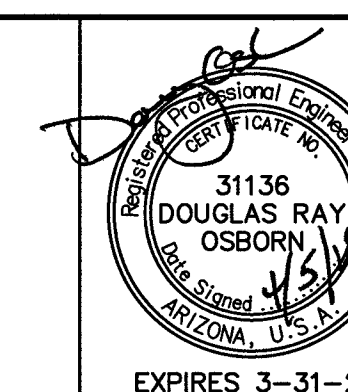
GRADING AND DRAINAGE PLANS

BLUE RIDGE UNIFIED SCHOOL DISTRICT NO. 32

**BUS DROP PLANS FOR
BLUE RIDGE MIDDLE SCHOOL**

DRAWING STATUS	SHEET	OF	
	2	4	C-2
DATE:	04-04-18		



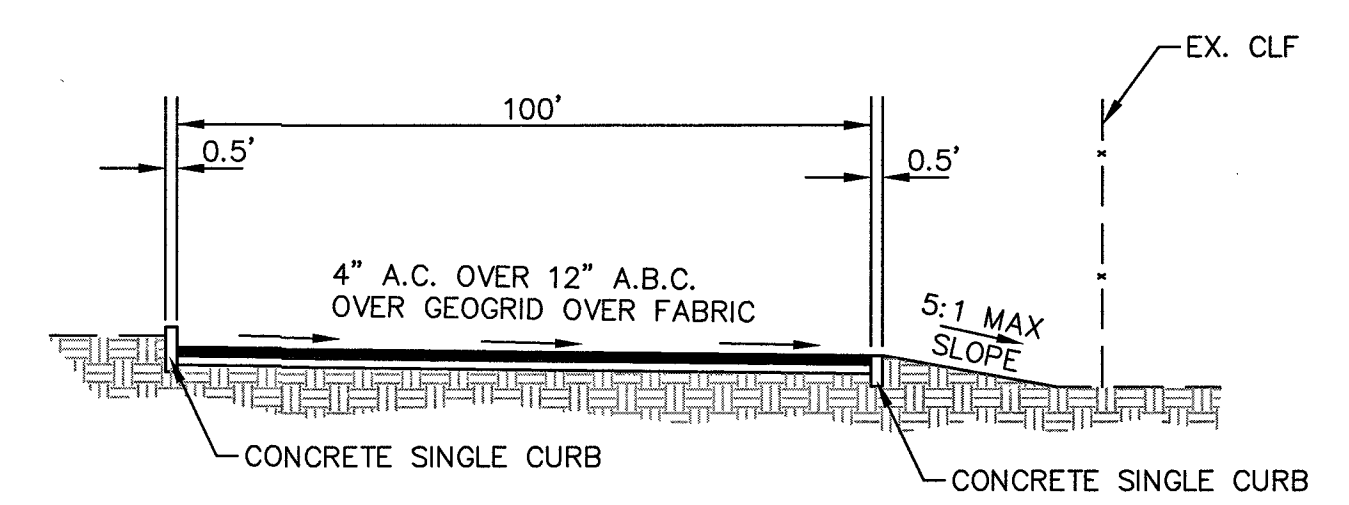
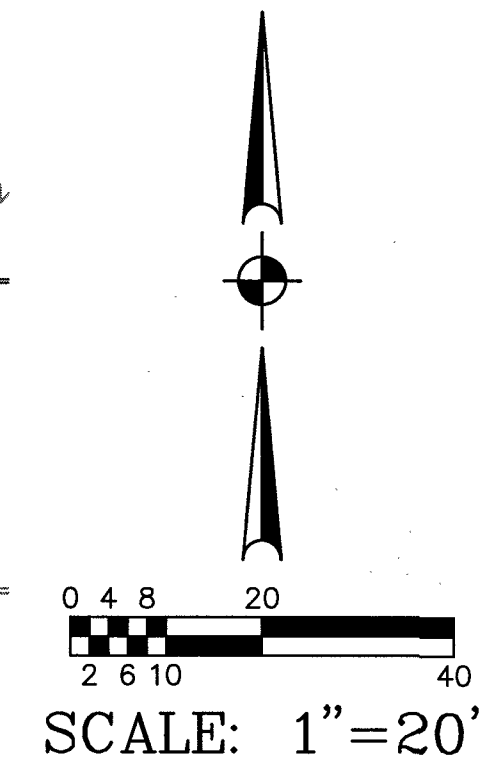


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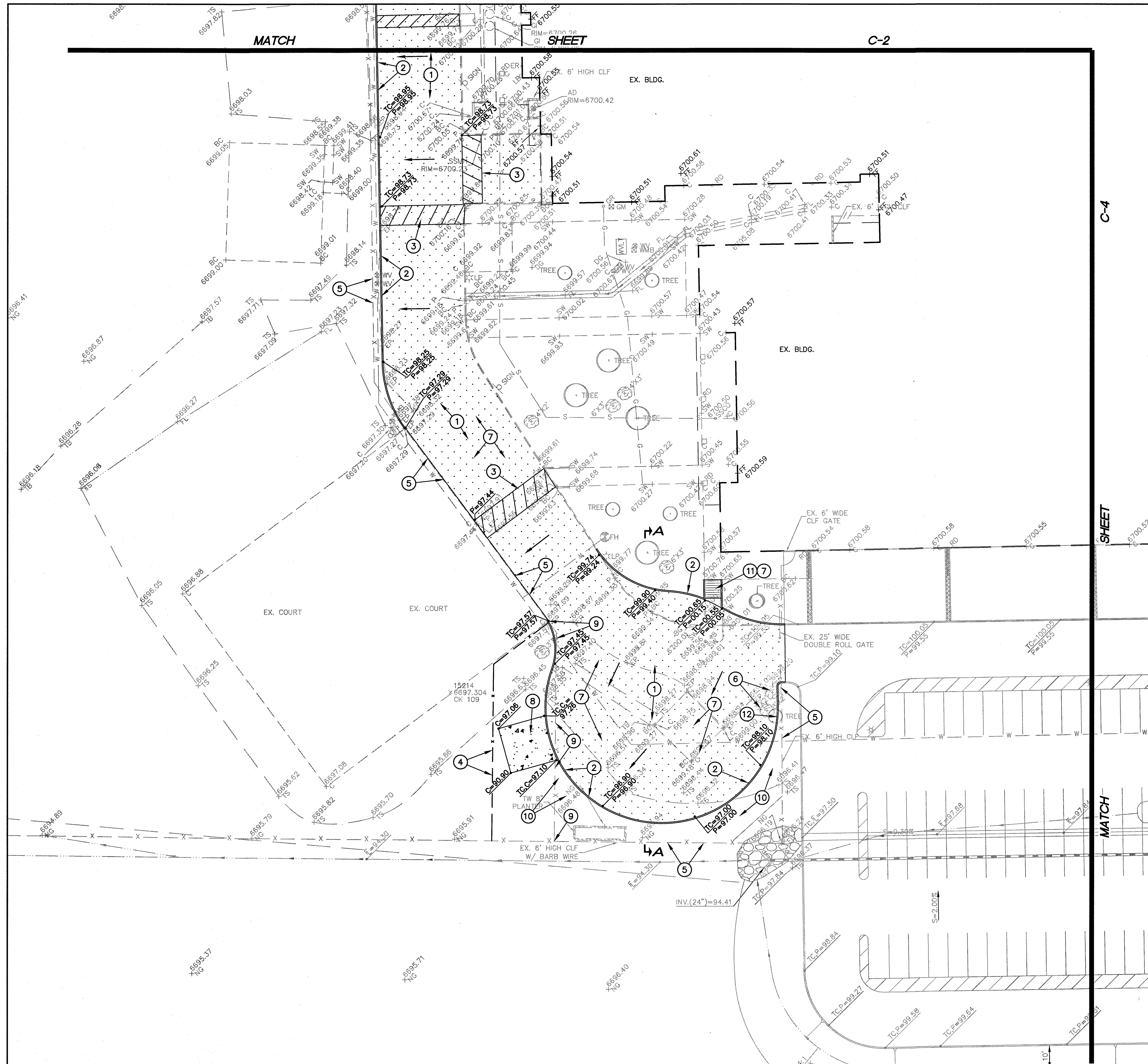
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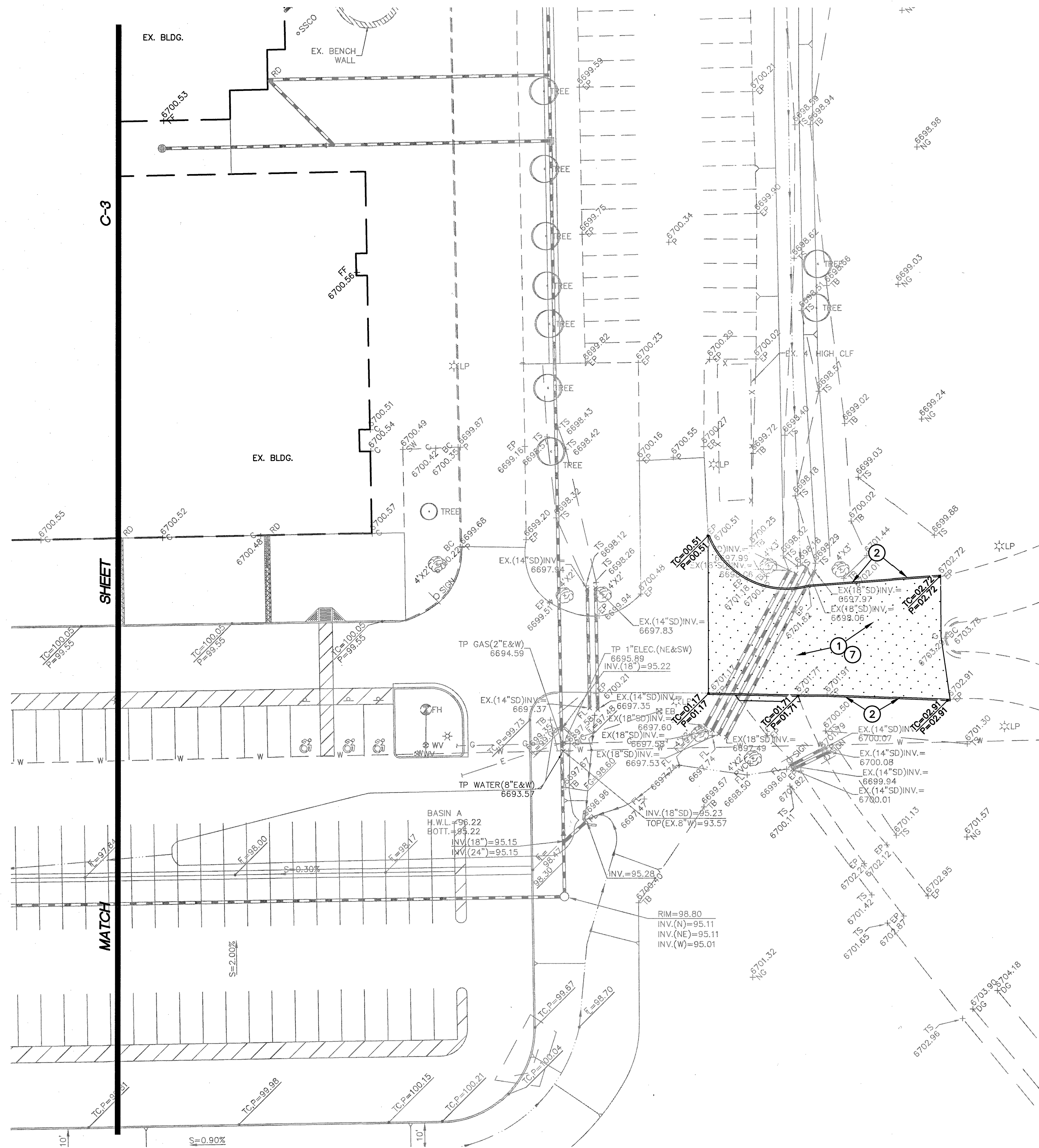
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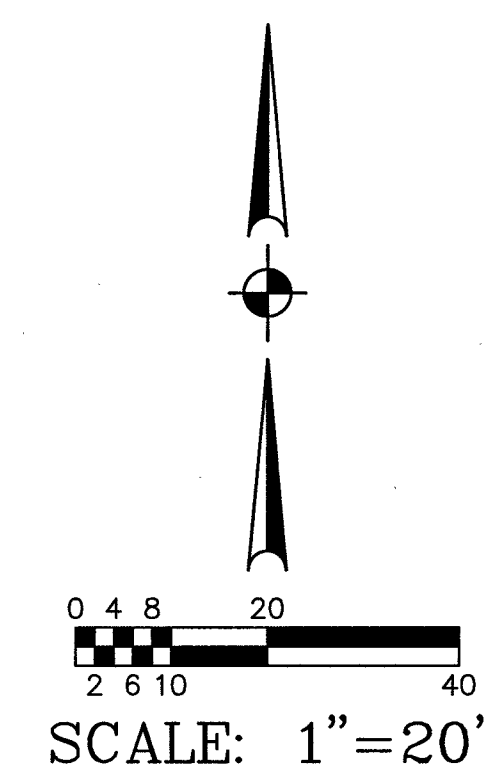
GRADING AND DRAINAGE PLANS			
BLUE RIDGE UNIFIED SCHOOL DISTRICT NO. 32			
BUS DROP PLANS FOR BLUE RIDGE MIDDLE SCHOOL			
DRAWING STATUS	SHEET	OF	
	3	4	C-3
DATE: 04-04-18			





CONSTRUCTION NOTES:

1. INSTALL NEW A.C. PAVEMENT. (4\"/>



GRADING AND DRAINAGE PLANS			
BLUE RIDGE UNIFIED SCHOOL DISTRICT NO. 32			
BUS DROP PLANS FOR BLUE RIDGE MIDDLE SCHOOL			
DRAWING STATUS	SHEET	OF	
	4	4	C-4
DATE: 04-04-18			

