

CITY OF GILBERT GENERAL NOTES:

- ALL DESIGN AND CONSTRUCTION MUST BE IN ACCORDANCE WITH THE UNIFORM STANDARD SPECIFICATIONS AND DETAILS PUBLISHED BY THE MARICOPA ASSOCIATION OF GOVERNMENTS AND AS AMENDED BY THE TOWN OF GILBERT.
- THE DEVELOPER AND CONTRACTOR SHALL NOTIFY THE TOWN OF GILBERT DEVELOPMENT SERVICES DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF ANY CONSTRUCTION OF INSPECTION. CALL (480) 503-6700.
- THE DEVELOPER AND CONTRACTOR SHALL AVOID THE PLACEMENT OF DRIVEWAYS IN CONFLICT WITH UTILITY SERVICES.
- THE DEVELOPER AND CONTRACTOR SHALL COORDINATE THE RELOCATION OF POWER POLES AND OTHER UTILITIES.
- BACKFILL AND COMPACTION WITHIN COUNTY RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE LATEST MARICOPA COUNTY SPECIAL PROVISIONS FOR INSTALLATION OF UNDERGROUND UTILITIES.
- CONTRACTOR SHALL COMPLY WITH THE PROVISION FOR TRAFFIC CONTROL AS PER THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES HANDBOOK.
- CALL THE ARIZONA 811, BLUE STAKE CENTER (602) 263-1100, 48 HOURS BEFORE YOU DIG FOR LOCATION OF ALL UNDERGROUND UTILITIES.
- ENGINEER CERTIFIES THAT HE HAS CONTACTED ALL INTERESTED UTILITY COMPANIES AND HAS TRANSFERRED ALL EXISTING AND/OR PROPOSED UTILITY LINES AND RELATED INFORMATION ONTO THESE PLANS, AND THAT HE HAS ALSO CORRECTLY PLOTTED THE EXISTING AND PROPOSED RIGHT-OF-WAY AND EASEMENT LINES.
- THE CONTRACTOR SHALL BE REQUIRED TO INSTALL A NIGHT TIE IN FOR ANY NEW WATER LINE THAT WILL AFFECT EXISTING SERVICE SUFFICIENT TO WARRANT SAME IN THE OPINION OF THE TOWN INSPECTOR.
- ALL IMPROVEMENTS WITHIN THE RETENTION BASIN AND/OR ROADWAY PARKWAYS SHALL BE IN ACCORDANCE WITH THE LATEST TOWN OF GILBERT PUBLIC WORKS AND ENGINEERING STANDARDS.
- CONTRACTOR IS ADVISED THAT AN EXCAVATION AND DIRT MOVING PERMIT IS REQUIRED BY THE MARICOPA COUNTY HEALTH DEPARTMENT AND THE TOWN OF GILBERT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THIS PERMIT AND COMPLY WITH ITS REQUIREMENTS.
- CONTRACTOR SHALL PERFORM CLOSE CIRCUIT TELEVISION OF THE STORM SEWER SYSTEM THAT VERIFIES PROPER INSTALLATION. THIS SHALL BE SUBMITTED AND APPROVED BY THE TOWN OF GILBERT PRIOR TO FINAL ACCEPTANCE.

UTILITY COMPANY SUBMITTALS

1. THESE PLANS HAVE BEEN SUBMITTED TO THE FOLLOWING UTILITY COMPANIES AND THE WORK CONTAINED IN THESE PLANS HAS BEEN APPROVED BY THESE COMPANIES WITHIN THEIR AREA OF INTEREST. THE SIZE AND LOCATIONS, AS SHOWN OF THE GAS, TELEPHONE AND POWER LINES, AND CONNECTIONS AGREE WITH THE INFORMATION CONTAINED IN THE UTILITY COMPANY'S RECORDS. WHERE THE WORK TO BE DONE CONFLICTS WITH ANY OF THESE UTILITIES, THE CONFLICTS WILL BE RESOLVED AS SPECIFIED IN THE SPECIAL PROVISIONS AND/OR AS OTHERWISE NOTED ON THESE PLANS. CONFLICTS ARISING DURING THE COURSE OF CONSTRUCTION FROM UNFORSEEN CIRCUMSTANCES SHALL BE REPORTED TO THE INTERESTED UTILITY COMPANY AND BE RESOLVED BY THEM AND THE DESIGN ENGINEER.

2. THE CITY WILL NOT PARTICIPATE IN THE COST OF CONSTRUCTION OR UTILITY RELOCATION.

AMERICAN TELEPHONE & TELEGRAPH	NDCI GROUP CO. REPRESENTATIVE CONTACTED	1/13/23 DATE SUBMITTED
CITY OF MESA UTILITIES	CHRIS MEHAN CO. REPRESENTATIVE CONTACTED	1/13/23 DATE SUBMITTED
COX COMMUNICATIONS - MARICOPA	USIC DISPATCH CENTER CO. REPRESENTATIVE CONTACTED	1/13/23 DATE SUBMITTED
CTLQ - CENTURYLINK	USIC DISPATCH CENTER CO. REPRESENTATIVE CONTACTED	1/13/23 DATE SUBMITTED
EL PASO NATURAL GAS	BRETT BERRY CO. REPRESENTATIVE CONTACTED	1/13/23 DATE SUBMITTED
KINDER MORGAN ENERGY	BRICE BOX - ROW SPECIALIST 1 CO. REPRESENTATIVE CONTACTED	1/13/23 DATE SUBMITTED
LEVEL 3 NOW CENTURYLINK	ELIZABETH HAMILTON CO. REPRESENTATIVE CONTACTED	1/13/23 DATE SUBMITTED
MCI - (VERIZON BUSINESS)	SUPERVISOR ON DUTY CO. REPRESENTATIVE CONTACTED	1/13/23 DATE SUBMITTED
PAULEY CONSTRUCTION, LLC	MICHELLE O'DONNELL CO. REPRESENTATIVE CONTACTED	1/13/23 DATE SUBMITTED
ROOSEVELT WATER CONSERVATION DISTRICT	TABATHA LANGLAND CO. REPRESENTATIVE CONTACTED	1/13/23 DATE SUBMITTED
SALT RIVER PROJECT - MARICOPA COUNTY	SAP BLUE STAKE CO. REPRESENTATIVE CONTACTED	1/13/23 DATE SUBMITTED
SOUTHWEST GAS CONTRACT LOCATOR SE	ELM LOCATING DISPATCH CO. REPRESENTATIVE CONTACTED	1/13/23 DATE SUBMITTED
SOUTHWEST GAS HIGH PRESSURE SE	JUSTIN SALLEE CO. REPRESENTATIVE CONTACTED	1/13/23 DATE SUBMITTED
SPRINT COMMUNICATIONS COMPANY	SPRINT DISPATCH CO. REPRESENTATIVE CONTACTED	1/13/23 DATE SUBMITTED
TOWN OF GILBERT	TOWN OF GILBERT LOCATOR CO. REPRESENTATIVE CONTACTED	1/13/23 DATE SUBMITTED

ESTIMATED OFFSITE QUANTITIES:

- | | |
|--|--------|
| 1. SAWCUT AND REMOVE EXISTING SIDEWALK AND DRIVEWAY | 415 SF |
| 2. CONCRETE SIDEWALK | 305 SF |
| 3. SAWCUT, REMOVE AND REPLACE VERTICAL CURB AND GUTTER | 51 LF |
| 4. SAWCUT AND REMOVE VERTICAL CURB AND GUTTER | 42 LF |
| 5. SIDEWALK RAMPS | 2 EA |
| 6. SAWCUT AND REMOVE A.C. PAVEMENT | 65 SY |
| 7. SAWCUT, REMOVE AND REPLACE A.C. PAVEMENT | 12 SY |

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., TOWN OF GILBERT OR HIGLEY 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.

IMPROVEMENTS PLANS

FOR

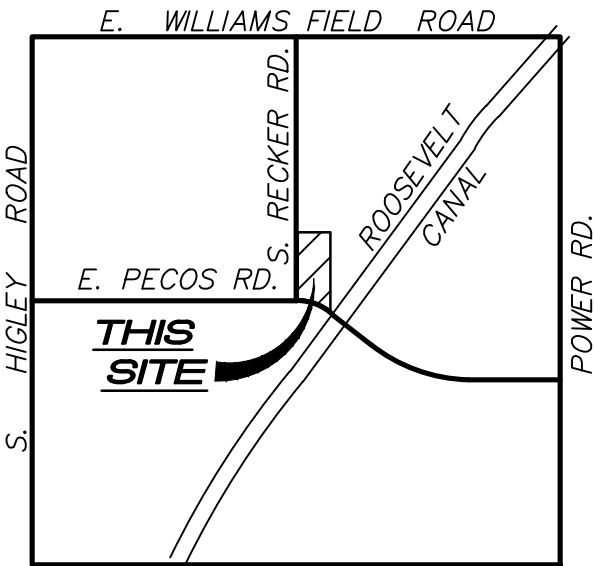
HIGLEY HIGH SCHOOL

SITE ADDRESS: 4068 EAST PECOS ROAD
GILBERT, ARIZONA 85295

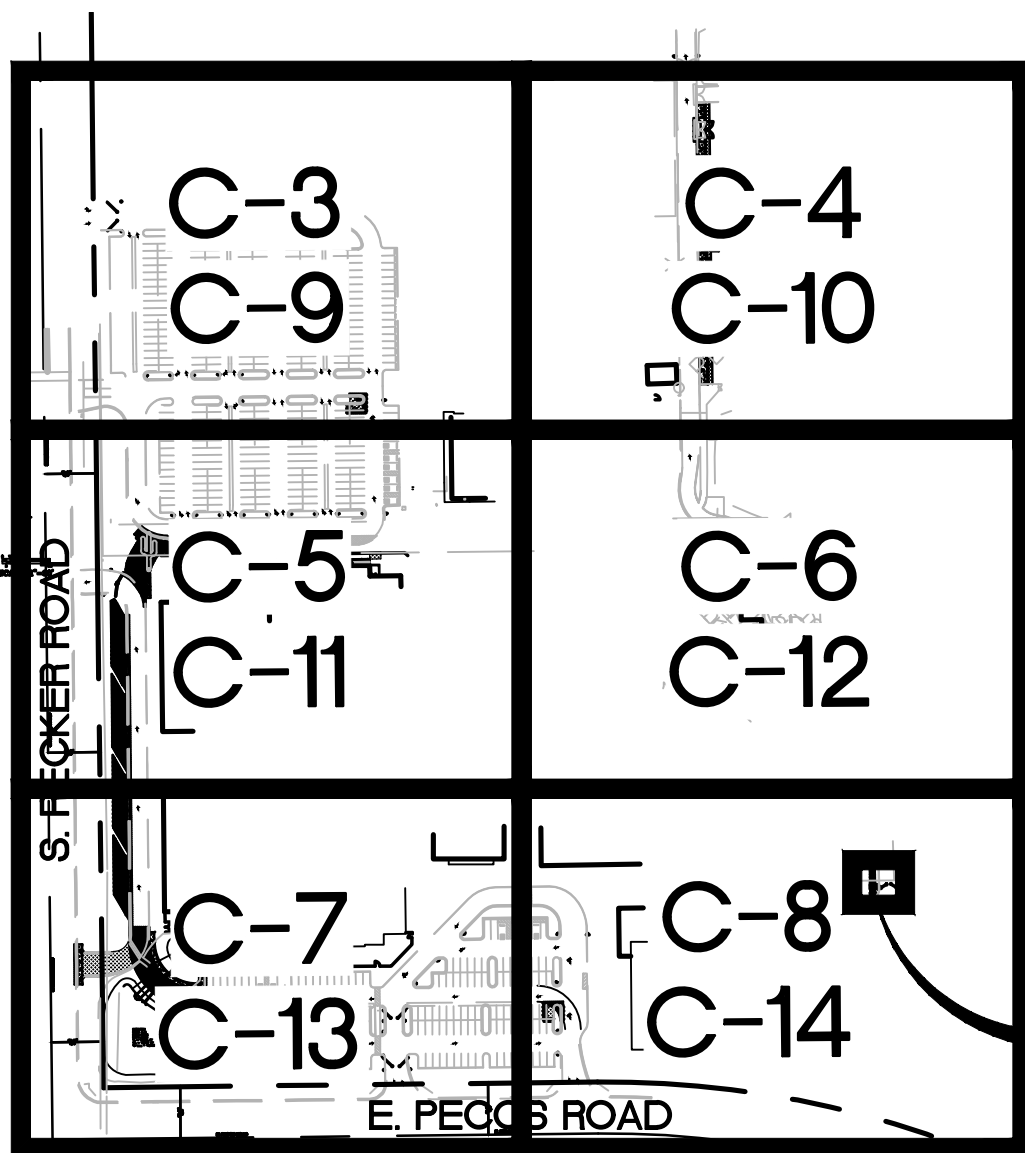
FOR

HIGLEY UNIFIED SCHOOL DISTRICT NO. 60

2935 SOUTH RECKER ROAD
GILBERT, ARIZONA 85295
PHONE: (480) 279-7000



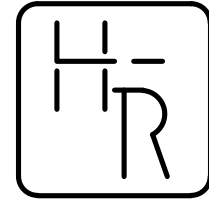
VICINITY MAP
NOT TO SCALE



SHEET INDEX MAP
NOT TO SCALE

APPROVED - 05/17/2023
TRAFFIC ENGINEERING
Russell Gordon
Sr. Traffic Eng. Specialist
Russell.Gordon@Gilbertaz.gov
480-503-6737

APPROVED
LANDSCAPE REVIEW - 2ND
05/17/2023
CHRISTINE RASMUSSEN,
SR. LANDSCAPE PLANS EXAMINER
480-503-6793
christine.rasmussen@gilbertaz.gov



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

DES. **DRO** DRN. **JCW** CKD **DRO** JOB NO. **2205-13**

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.
- 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.

BENCHMARK:

FOUND MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION BENCHMARK #12725 BEING A BRASS CAP IN HANDHOLE LOCATED IN THE INTERSECTION OF EAST WILLIS ROAD AND SOUTH HIGLEY ROAD HAVING AN ELEVATION OF 1303.738 (NAVD88)

RECORD DRAWING CERTIFICATION:

I HEREBY CERTIFY THAT THE "RECORD DRAWING" MEASUREMENTS AS SHOWN HEREON WERE MADE UNDER MY SUPERVISION OR AS NOTED, AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED ENGINEER/LAND SURVEYOR

DATE

REGISTRATION NUMBER

COVER SHEET

EREVIEW-2023-00001

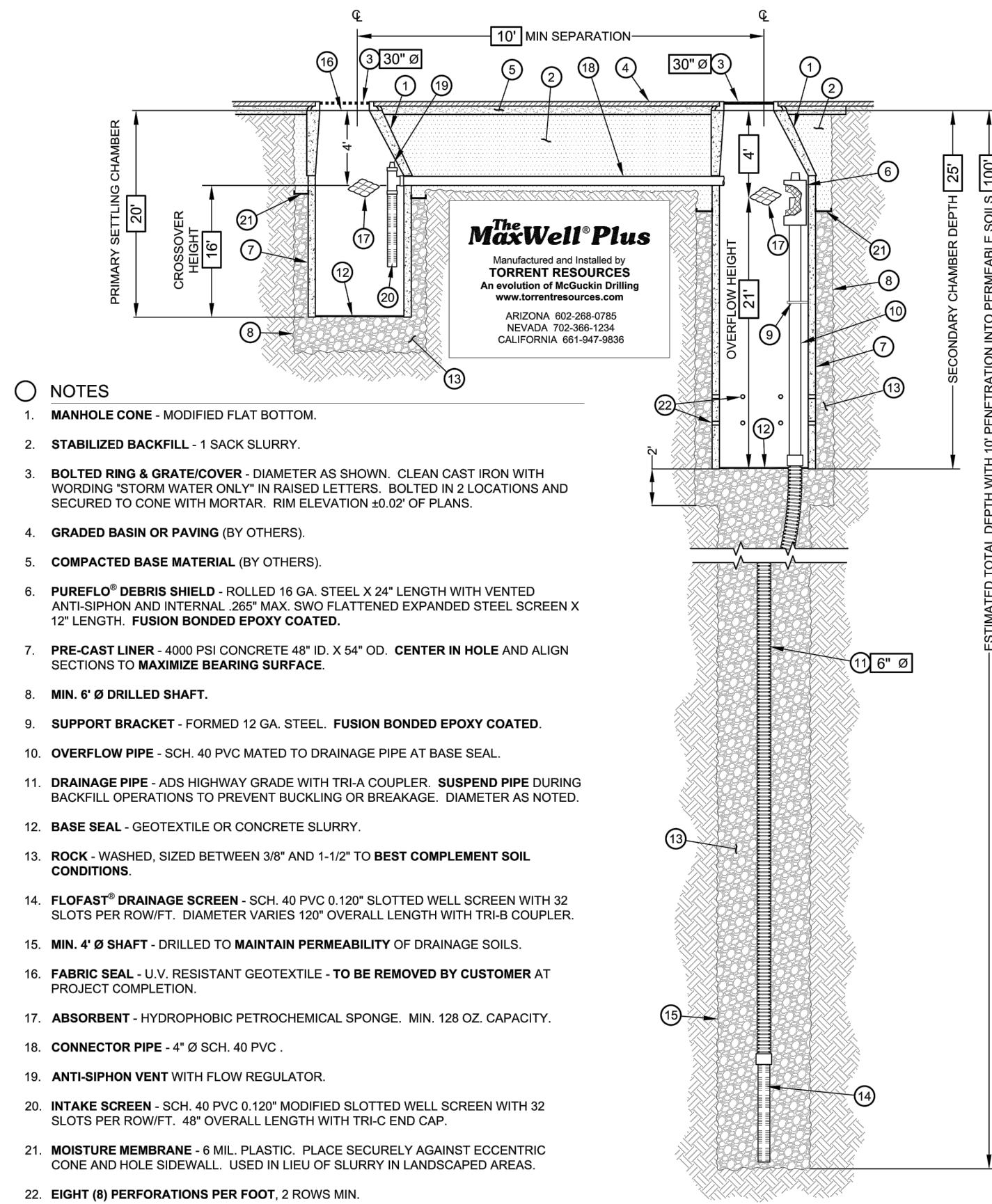
HIGLEY UNIFIED SCHOOL DISTRICT NO. 60

PARKING LOT IMPROVEMENT PLANS FOR
HIGLEY HIGH SCHOOL

DRAWING STATUS	SHEET	OF	
2ND TOWN SUBMITTAL SET			
	1	14	C-1
DATE:	4/24/23		



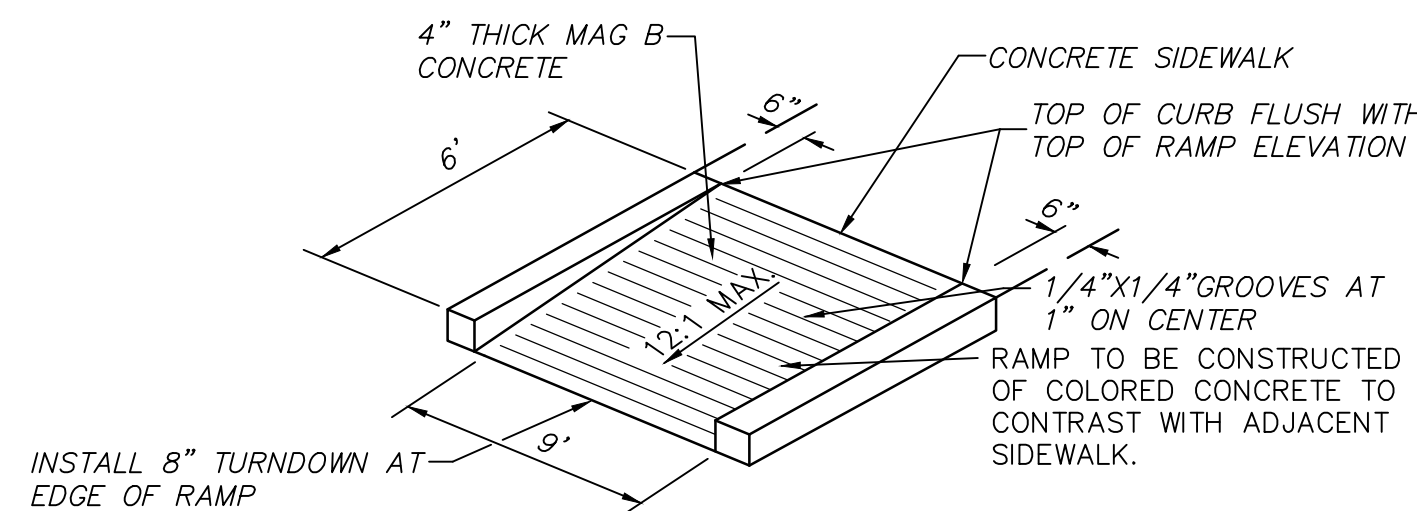
Higley High School Plus System
The MaxWell® Plus Drainage System Detail And Specifications



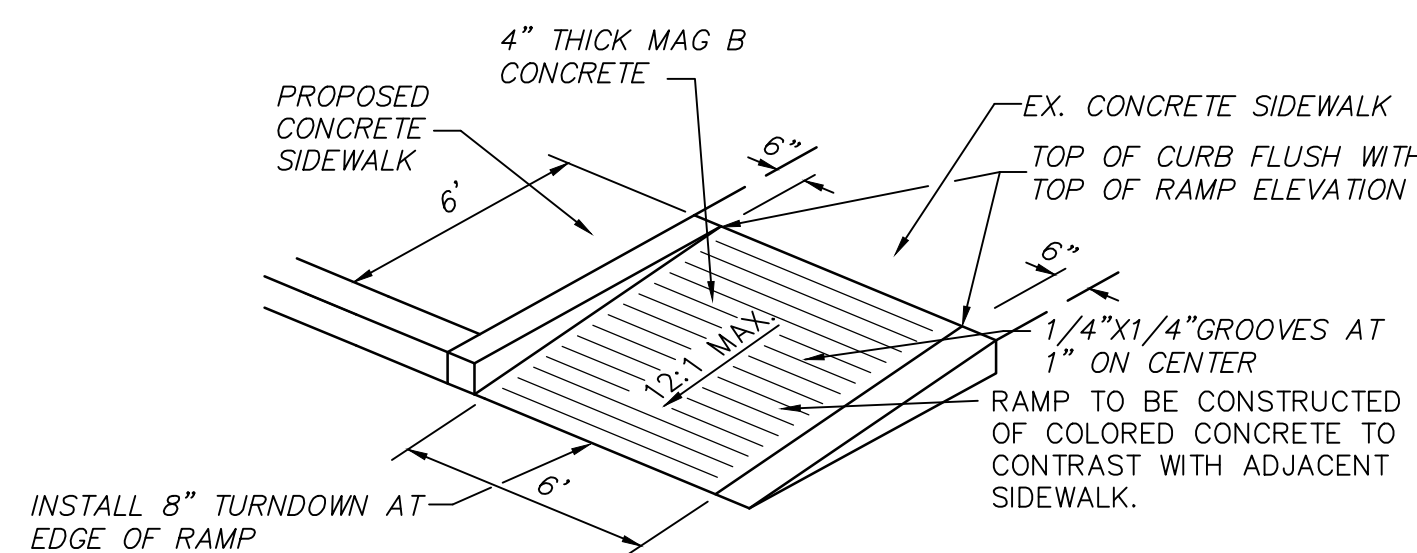
- NOTES
- MANHOLE CONE - MODIFIED FLAT BOTTOM.
 - STABILIZED BACKFILL - 1 SACK SLURRY.
 - BOLTED RING & GRATECOVER - DIAMETER AS SHOWN. CLEAN CAST IRON WITH WORDING "STORM WATER ONLY" IN RAISED LETTERS. BOLTED IN LOCATIONS AND SECURED TO CONE WITH MORTAR. RIM ELEVATION $\pm 0.02'$ OF PLANS.
 - GRADED BASIN OR PAVING (BY OTHERS).
 - COMPACTED BASE MATERIAL (BY OTHERS).
 - PUREFLO® DEBRIS SHIELD - ROLLED 16 GA. STEEL X 24" LENGTH WITH VENTED ANTI-SIPHON AND INTERNAL 265" MAX. SWO FLATTENED EXPANDED STEEL SCREEN X 12" LENGTH. FUSION BONDED EPOXY COATED.
 - PRE-CAST LINER - 4000 PSI CONCRETE 48" ID. X 54" OD. CENTER IN HOLE AND ALIGN SECTIONS TO MAXIMIZE BEARING SURFACE.
 - MIN. 6" Ø DRILLED SHAFT.
 - SUPPORT BRACKET - FORMED 12 GA. STEEL. FUSION BONDED EPOXY COATED.
 - OVERFLOW PIPE - SCH. 40 PVC MATED TO DRAINAGE PIPE AT BASE SEAL.
 - DRAINAGE PIPE - ADS HIGHWAY GRADE WITH TRIA COUPLER. SUSPEND PIPE DURING BACKFILL OPERATIONS TO PREVENT BUCKLING OR BREAKAGE. DIAMETER AS NOTED.
 - BASE SEAL - GEOTEXTILE OR CONCRETE SLURRY.
 - ROCK - WASHED, SIZED BETWEEN 3/8" AND 1-1/2" TO BEST COMPLEMENT SOIL CONDITIONS.
 - FLOFAST® DRAINAGE SCREEN - SCH. 40 PVC 0.120" SLOTTED WELL SCREEN WITH 32 SLOTS PER ROW/FT. DIAMETER VARIES 120" OVERALL LENGTH WITH TRIA COUPLER.
 - MIN. 4' Ø SHAFT - DRILLED TO MAINTAIN PERMEABILITY OF DRAINAGE SOILS.
 - FABRIC SEAL - U.V. RESISTANT GEOTEXTILE - TO BE REMOVED BY CUSTOMER AT PROJECT COMPLETION.
 - ABSORBENT - HYDROPHOBIC PETROCHEMICAL SPONGE. MIN. 128 OZ. CAPACITY.
 - CONNECTOR PIPE - 4" Ø SCH. 40 PVC.
 - ANTI-SIPHON VENT WITH FLOW REGULATOR.
 - INTAKE SCREEN - SCH. 40 PVC 0.120" MODIFIED SLOTTED WELL SCREEN WITH 32 SLOTS PER ROW/FT. 40" OVERALL LENGTH WITH TRIA END CAP.
 - MOISTURE MEMBRANE - 6 MIL. PLASTIC. PLACE SECURELY AGAINST ECCENTRIC CONE AND HOLE SIDEWALL. USED IN LIEU OF SLURRY IN LANDSCAPED AREAS.
 - EIGHT (8) PERFORATIONS PER FOOT, 2 ROWS MIN.

NOTE:

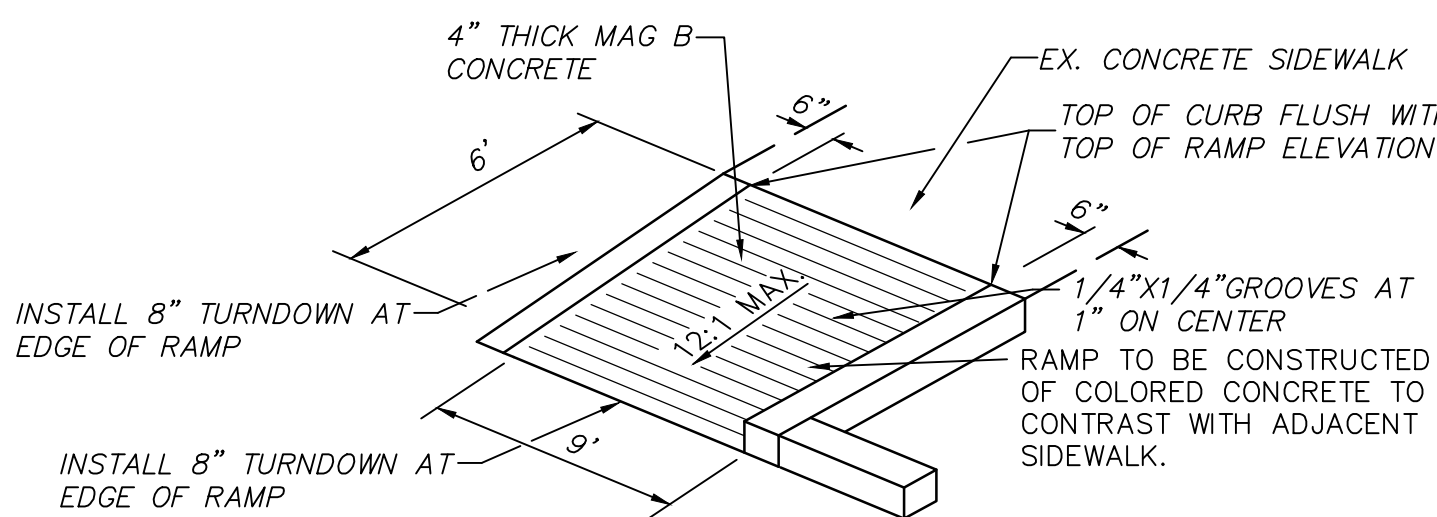
- INSTALL 8" WIDE BY 8" DEEP CONCRETE COLLARS AROUND GRATES, MAG CLASS B.
- CONTRACTOR TO REGISTER ALL DRYWELLS WITH ADEQ



SIDEWALK RAMP, TYPE A
NOT TO SCALE



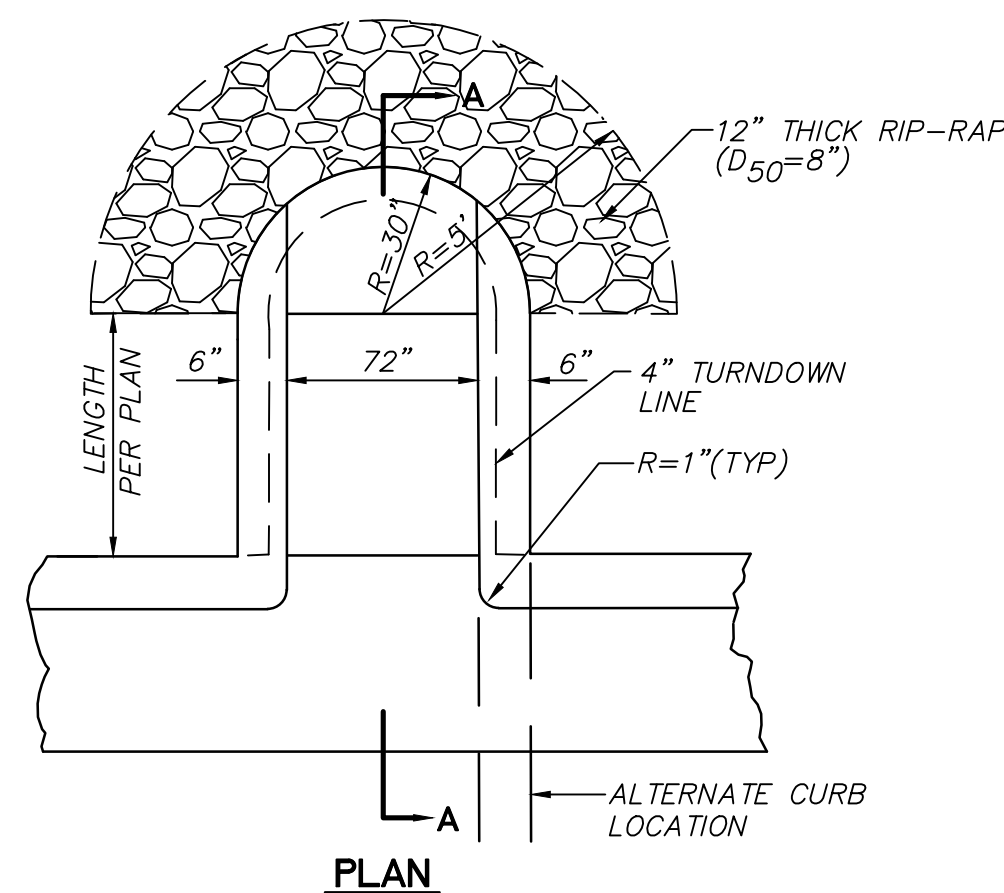
SIDEWALK RAMP, TYPE B
NOT TO SCALE



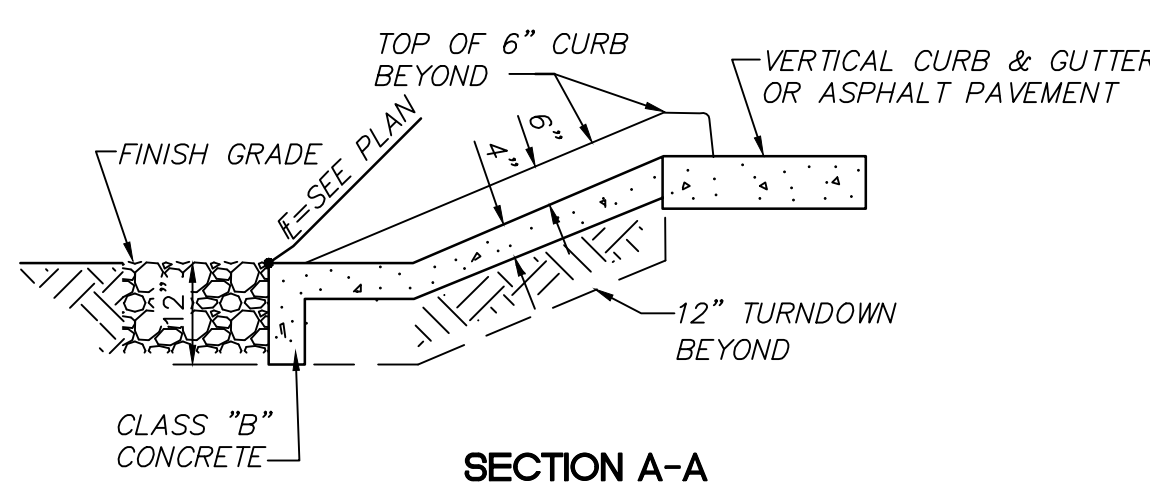
SIDEWALK RAMP, TYPE C
NOT TO SCALE

LEGEND

- | | | | |
|--------------|-------------------------------------|---------|--------------------------------------|
| BC 1316.82 | EXISTING BACK OF CURB ELEVATION | FOM | EXISTING FIBER OPTIC MARKER |
| P 1316.47 | EXISTING PAVEMENT ELEVATION | ICV | EXISTING IRRIGATION CONTROL VALVE |
| G 1316.77 | EXISTING GUTTER ELEVATION | STLP | EXISTING STREET LIGHT POLE |
| TB 1317.58 | EXISTING TOP OF BERM ELEVATION | SIGN | EXISTING SIGN |
| TS 1318.21 | EXISTING TOE OF SLOPE ELEVATION | GR | EXISTING GAS RISER |
| EP 1318.21 | EXISTING EDGE OF PAVEMENT ELEVATION | CLM | EXISTING COLUMN |
| NG 1317.73 | EXISTING GROUND ELEVATION | CV | EXISTING COMMUNICATION VAULT |
| RMP 1317.18 | EXISTING RAMP ELEVATION | EC | EXISTING ELECTRIC CABINET |
| SW 1317.72 | EXISTING SIDEWALK ELEVATION | ET | EXISTING ELECTRIC TRANSFORMER |
| C 1317.59 | EXISTING CONCRETE ELEVATION | PST | EXISTING POST |
| FF 1317.91 | EXISTING FINISH FLOOR ELEVATION | GM | EXISTING GAS METER |
| DG 1318.24 | EXISTING DECOMPOSED GRANITE | PB | EXISTING PIPE BOLLARD |
| FL 1317.77 | EXISTING FLOWLINE ELEVATION | RD | EXISTING ROOD DRAIN |
| TW 1319.62 | EXISTING TOP OF WALL ELEVATION | SAGUARO | EXISTING SAGUARO CACTUS |
| FC 1317.90 | EXISTING FACE OF CURB ELEVATION | CLM | EXISTING COLUMN |
| LC 1317.50 | EXISTING LANDSCAPE CURB ELEVATION | GR 2" | EXISTING GAS RISER W/SIZE (IF KNOWN) |
| CCOB 1315.97 | EXISTING CURB OPENING CATCH BASIN | GM | EXISTING GAS METER |
| TSB | EXISTING ELECTRIC BOX | PS | EXISTING PUMP STATION |
| EMH | EXISTING COMMUNICATION MANHOLE | GTMTR | EXISTING GATE MOTOR |
| WV | EXISTING WATER VALVE | IDB | EXISTING IRRIGATION DRIP BOX |
| TSB | EXISTING TRAFFIC SIGNAL BOX | AD | EXISTING AREA DRAIN |
| GV | EXISTING GAS VALVE | DW | EXISTING DRYWELL |
| SDMH | EXISTING STORM DRAIN MANHOLE | ER | EXISTING ELECTRIC RISER |
| DW | EXISTING DRYWELL | EMH | EXISTING ELECTRIC MANHOLE |
| IMH | EXISTING IRRIGATION MANHOLE | GI | EXISTING GREASE INTERCEPTOR |
| STLP | EXISTING LIGHT POLE | TREE | EXISTING TREE |
| SSMH | EXISTING SANITARY SEWER MANHOLE | | |
| FH | EXISTING FIRE HYDRANT | | |
| CB | EXISTING CATCH BASIN | | |
| SSCO | EXISTING SANITARY SEWER CLEANOUT | | |
| DCV | EXISTING DOUBLE CHECK VALVE | | |
| BFP | EXISTING BACKFLOW PREVENTER | | |
| WMB | EXISTING WATER METER BOX | | |

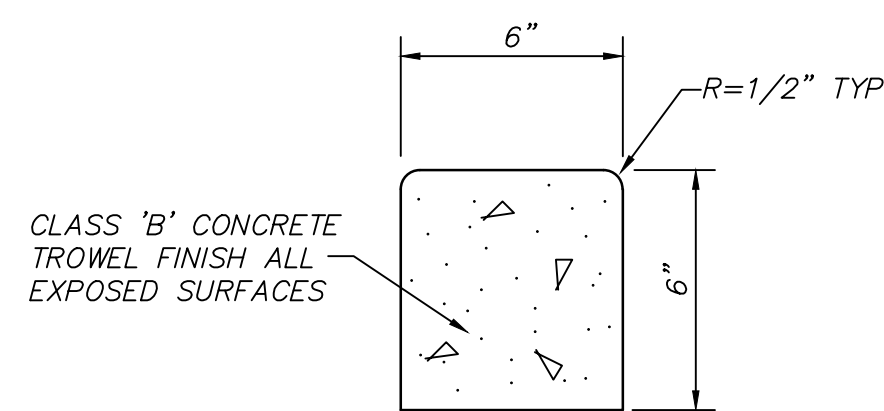


PLAN



SECTION A-A

CONCRETE SPLASHPAD DETAIL
NOT TO SCALE



LANDSCAPE CURB DETAIL
NOT TO SCALE

- | | |
|---------|--|
| TS | EXISTING TRAFFIC SIGNAL LIGHT |
| FO | EXISTING FIBER OPTIC LINE |
| E(BS) | EXISTING ELECTRIC LINE (BLUE STAKE) |
| W(BS) | EXISTING WATER LINE (BLUE STAKE) |
| G(BS) | EXISTING GAS LINE (BLUE STAKE) |
| IRR(BS) | EXISTING IRRIGATION LINE (BLUE STAKE) |
| TDUC | EXISTING COMMUNICATION LINE (LUMEN WIRE) |

- | | |
|----------|---------------------------------|
| 17.00 | PROPOSED ELEVATION |
| FG=16.50 | PROPOSED FINISH GRADE ELEVATION |
| P=16.39 | PROPOSED PAVEMENT ELEVATION |
| TC=17.16 | PROPOSED TOP OF CURB ELEVATION |
| G=16.20 | PROPOSED GUTTER ELEVATION |
| S=1.50% | PROPOSED SLOPE AND DIRECTION |
| G.B. | PROPOSED GRADE BREAK |

- | |
|---|
| PROPOSED A.C. PAVEMENT (3" A.C. (3/4" INCH) OVER 6" A.B.C. OVER 10" COMPACTED SUBGRADE) |
| PROPOSED CONCRETE SIDEWALK |
| PROPOSED DECOMPOSED GRANITE |
| PROPOSED TURF |

RETENTION CALCULATIONS:

PER TOWN OF GILBERT REQUIREMENTS, THE NEW IMPROVEMENTS MUST BE ACCOUNTED FOR USING THE 50 YEAR-24 HOUR STORM REQUIREMENT. THE EXISTING RETENTION BASIN WAS BUILT AND SIZED TO HOLD MORE STORMWATER THAN WHAT WAS REQUIRED PER TOWN OF GILBERT STANDARDS. USING THE DRAINAGE AREA FOR THE PROPOSED NEW BASINS INCLUDING ALL PROPOSED NEW IMPROVEMENTS IT WAS DETERMINED THE NEW BASINS WILL PROVIDE THE REQUIRED STORMWATER RETENTION VOLUME. SEE THE DRAINAGE AREA MAP ON PLAN SHEET DAM-1 FOR DRAINAGE AREA UTILIZED IN THE RETENTION CALCULATIONS BELOW.

VOLUME REQUIRED:

100 YEAR-2 HR

VOLUME REQUIRED (100 YEAR-2 HOUR STORM)

AREA (BLDG., CONC., PAVE.)	(C=0.95) = 52,266 SF
AREA (GRAVEL/DECOMPOSED GRANITE)	(C=0.70) = 23,443 SF
AREA (TOTAL)	= 75,709 SF

$$C_w = \frac{52,266(0.95) + 23,443(0.70)}{75,709} = 0.87$$

$$\begin{aligned} C_w &= 0.87 \\ P &= 3.00 \text{ INCHES} \\ V_R &= \frac{0.87(3.00)(75,709)}{12} \\ &= 16,467 \text{ CF} \end{aligned}$$

VOLUME PROVIDED:

BASIN A-1

BOTT. AREA	= 935 SF
H.W.L. AREA	= 2,890 SF
DEPTH	= 2.00 FT
VP	= 1/2 (935+2,890)(2.00)
	= 3,825 CF

BASIN A-2

BOTT. AREA	= 6,158 SF
H.W.L. AREA	= 8,849 SF
DEPTH	= 2.00 FT
VP	= 1/2 (6,158+8,849)(2.00)
	= 15,007 CF

TOTAL VOLUME PROVIDED = 3,825 CF + 15,007 CF
= 18,832 CF > 16,467 CF (V_R)

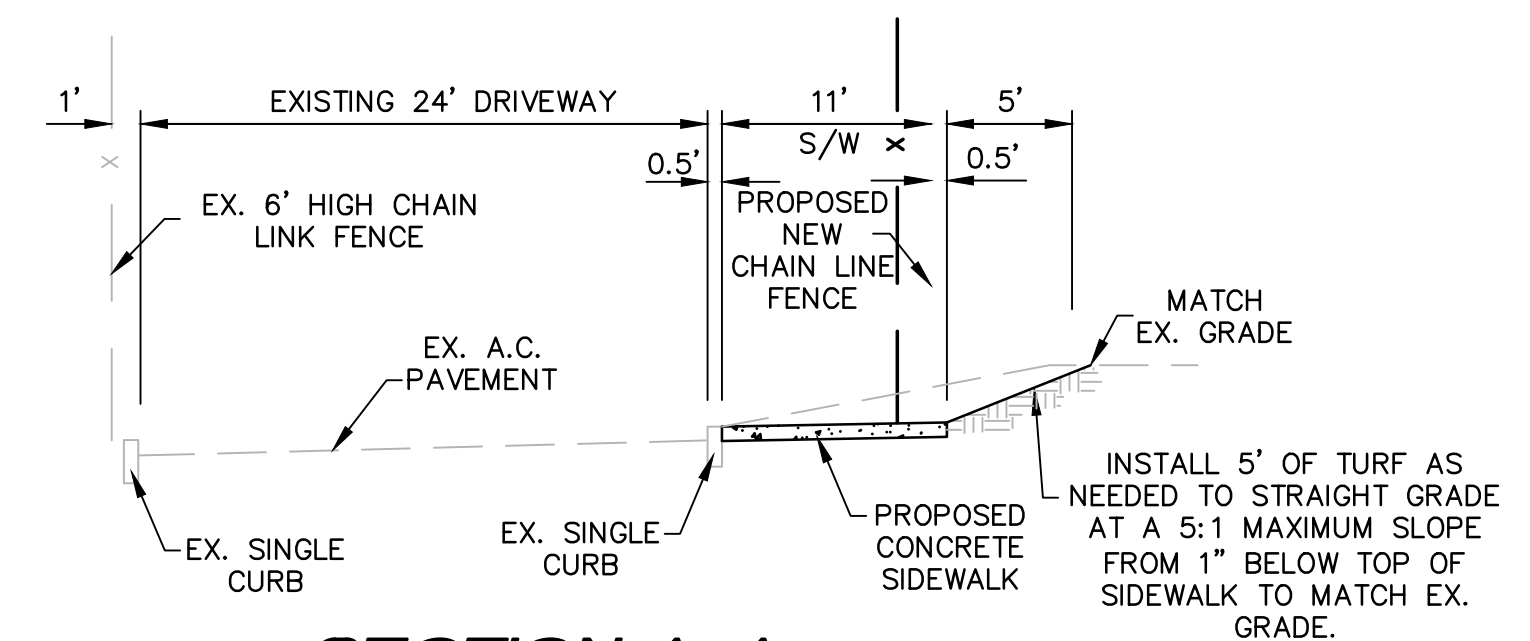
DISSIPATION:

2 DRYWELLS (ONE EXISTING AND ONE NEW DUAL CHAMBER DRYWELL) WITH 0.10 CFS PERCOLATION RATE WILL DISSIPATE 25,920 CY IN 36 HRS.

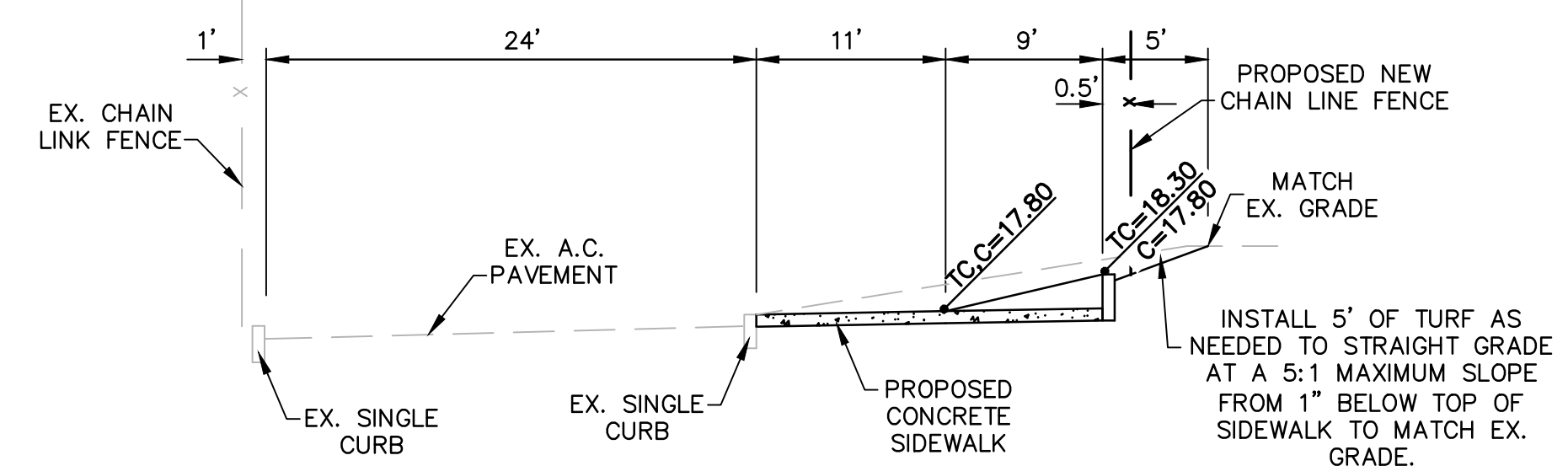
$$0.10 \frac{\text{CF}}{\text{S}} \times 60 \frac{\text{S}}{1 \text{ MIN}} \times 60 \frac{\text{MIN}}{1 \text{ HR}} \times 36 \text{ HRS} \times 2 \text{ DRYWELLS} = 25,920 \text{ CF} > 16,467 \text{ CF}$$

THE EXISTING AND PROPOSED DRYWELL SHALL DISSIPATE THE REQUIRED RETENTION FOLLOWING THE NEW IMPROVEMENTS.

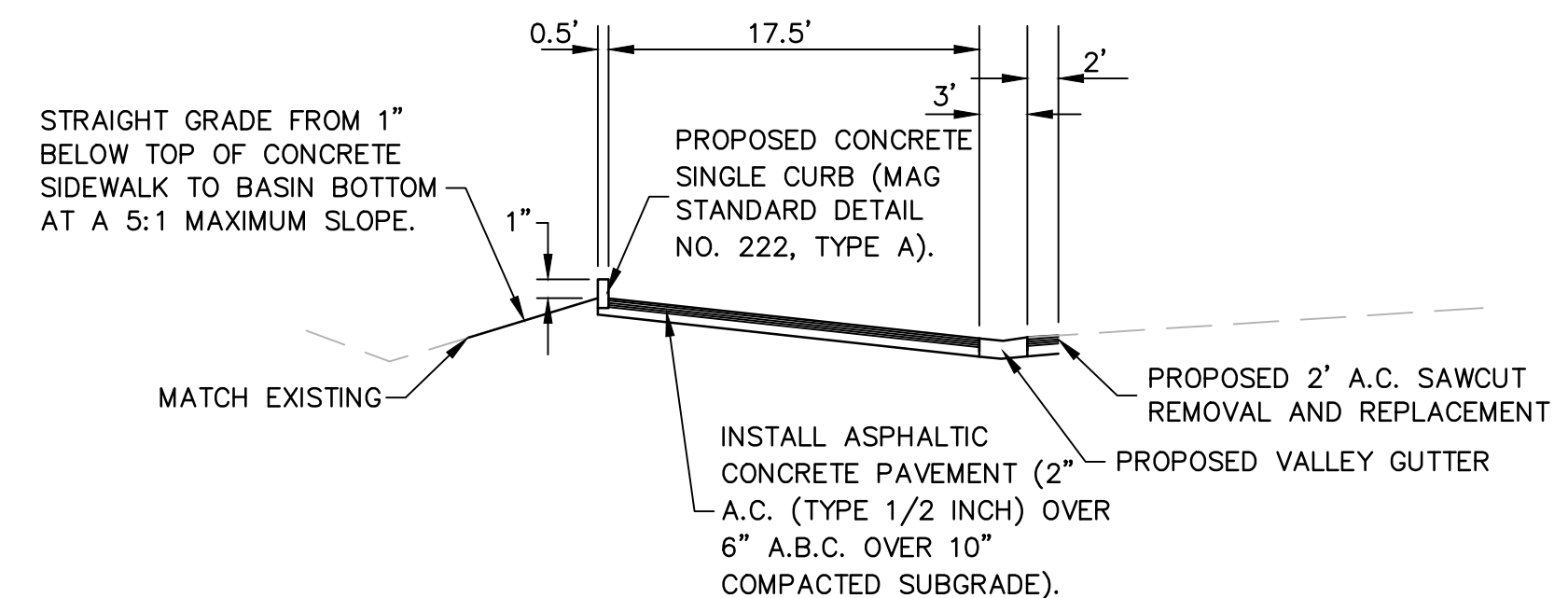
		HESS - ROUNTREE, INC. CONSULTING ENGINEERS & LAND SURVEYORS 9831 SOUTH 51ST STREET, SUITE C110 PHOENIX, ARIZONA 85044 (480)496-0244	
DES. DRO	DRN. JCW	CKD. DRO	JOB NO. 2205-13



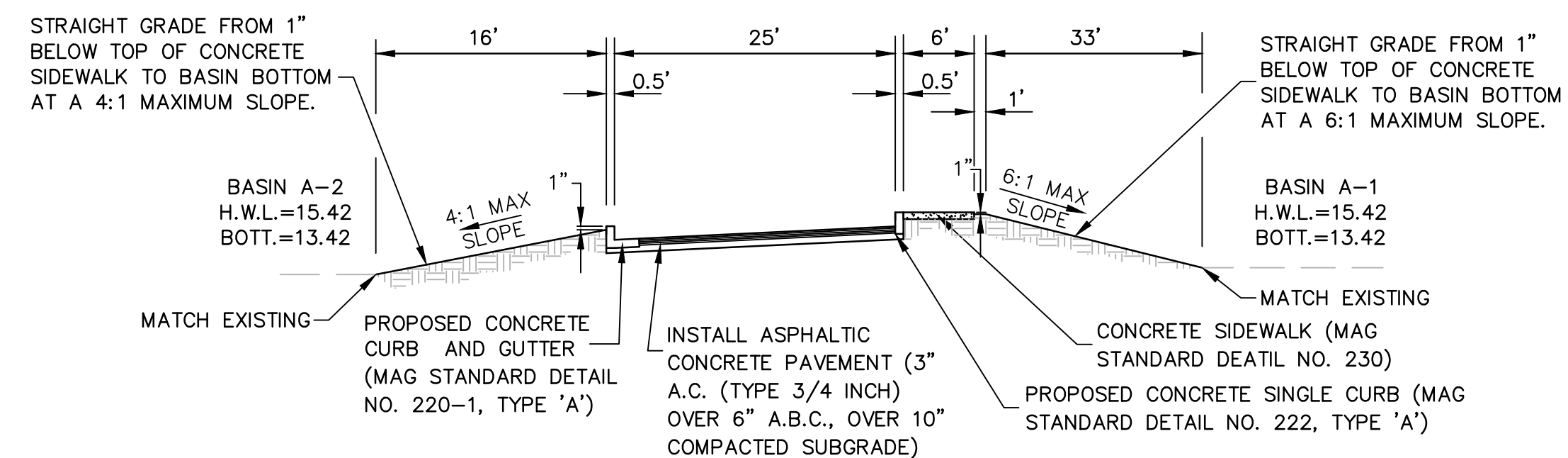
SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE



SECTION C-C
NOT TO SCALE



SECTION D-D
NOT TO SCALE

DETAIL SHEET

EREVIEW-2023-00001

HIGLEY UNIFIED SCHOOL DISTRICT NO. 60

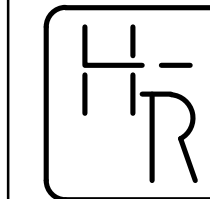
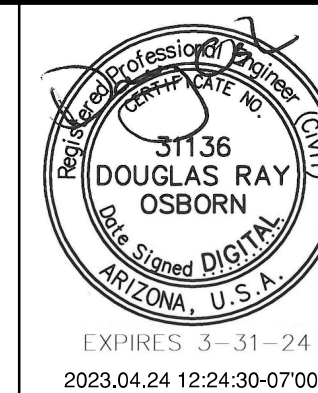
**PARKING LOT IMPROVEMENT PLANS FOR
HIGLEY HIGH SCHOOL**

DRAWING STATUS	SHEET	OF
2ND TOWN SUBMITTAL SET	2	14
DATE: 4/24/23		

C-2



220513071.DWG



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

DES. **DRO** DRN. **JCW** CKD **DRO** JOB NO. **2205-13**

GENERAL DEMOLITION NOTES:

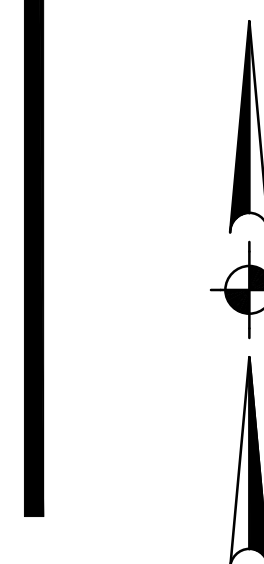
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- SAWCUT SIDEWALKS AND CONCRETE AT NEAREST JOINT OR AS DIRECTED BY THE CITY INSPECTOR.
- SAWCUT ASPHALTIC CONCRETE AT LIMITS OF DEMOLITION AS SHOWN ON PLANS OR AS DIRECTED BY THE CITY INSPECTOR.
- SALVAGE ITEMS NOT BEING REINSTALLED SHALL BE DELIVERED TO THE DISTRICT MAINTENANCE YARD.
- ALL EXISTING TREES THAT ARE NOT CALLED OUT TO BE RELOCATED OR REMAIN IN PLACE SHALL BE REMOVED ALONG WITH THE ROOTS TO 2' BELOW GRADE.

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- WITHIN DEMOLITION AREA, REMOVE AND LEGALLY DISPOSE OF ALL BUILDINGS, CONCRETE, ASPHALT, A.B.C., CONCRETE SIDEWALKS, WALLS, CURBS, TREES AND ANY IMPROVEMENTS EXCEPT ITEMS NOTED TO REMAIN AND BE PROTECTED OR TO BE REMOVED AND SALVAGED. ALL UTILITIES ARE TO BE REMOVED, UNLESS NOTED OTHERWISE.
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- EXISTING A.C. PAVEMENT TO REMAIN. PROTECT FROM DAMAGE.
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- EXISTING DRIVEWAY ENTRANCE TO REMAIN. PROTECT FROM DAMAGE.
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- REMOVE AND SALVAGE EXISTING SCAFFOLDING FOR REINSTALLATION. PROTECT FROM DAMAGE.
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- REMOVE EXISTING LANDSCAPE CURB AS NEEDED FOR NEW SIDEWALK INSTALLATION.
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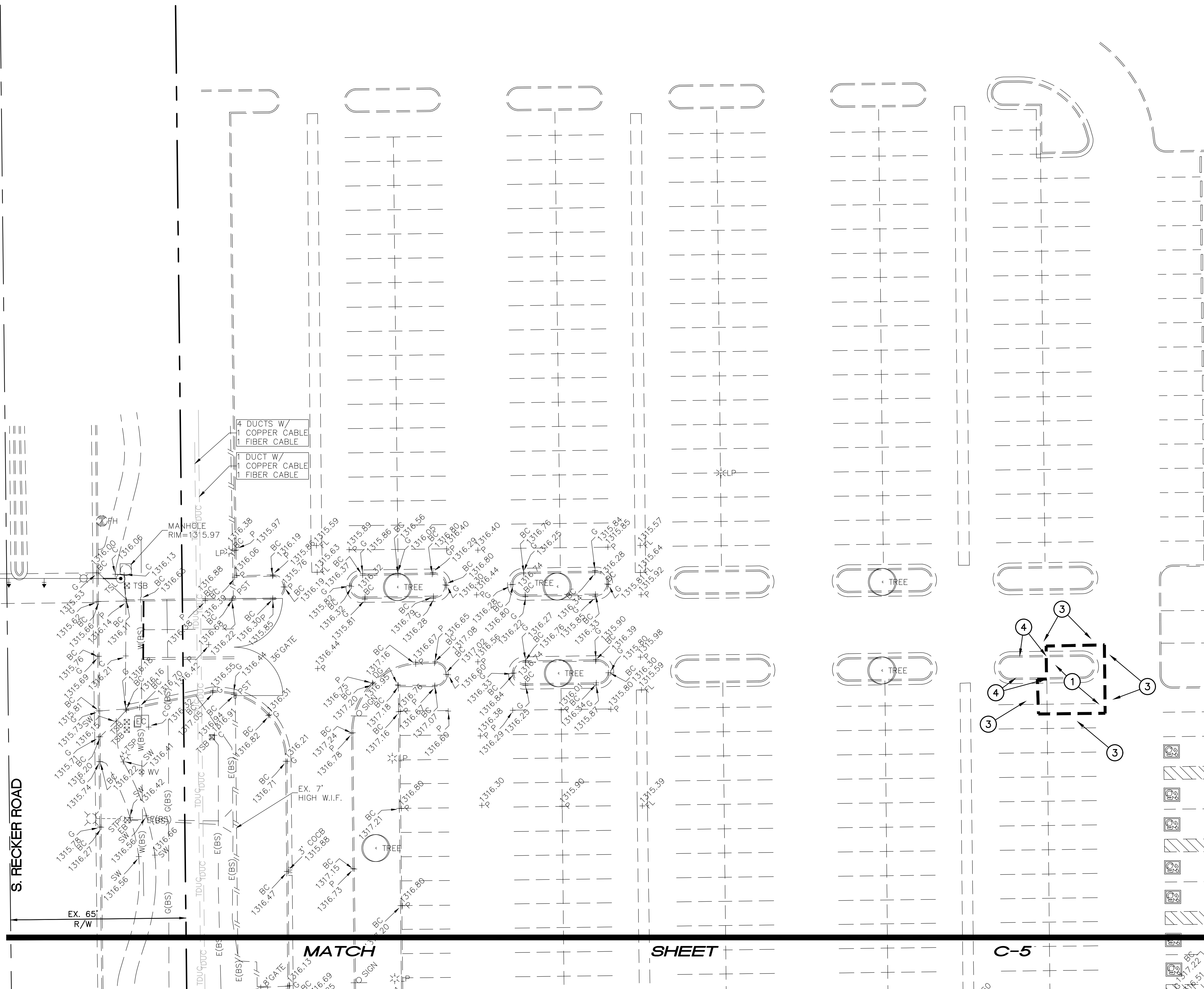
C-4

SHEET



SCALE: 1"=20'

MATCH



NOTE:
SEE FENCING PLANS FOR DEMO OF EXISTING FENCE AND GATES.

SEE SHEET C-2 FOR LEGEND

PARTIAL TOPOGRAPHIC SURVEY
AND DEMOLITION PLAN **EREVIEW-2023-00001**

HIGLEY UNIFIED SCHOOL DISTRICT NO. 60
PARKING LOT IMPROVEMENT PLANS FOR
HIGLEY HIGH SCHOOL

DRAWING STATUS	SHEET	OF	
2ND TOWN SUBMITTAL SET	3	14	C-3
DATE: 4/24/23			



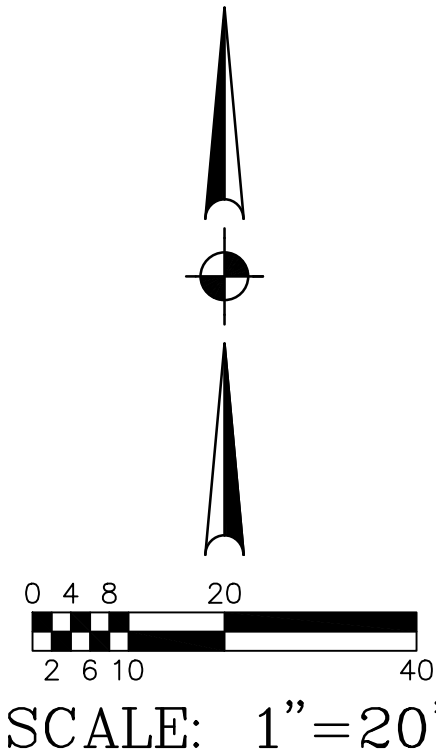
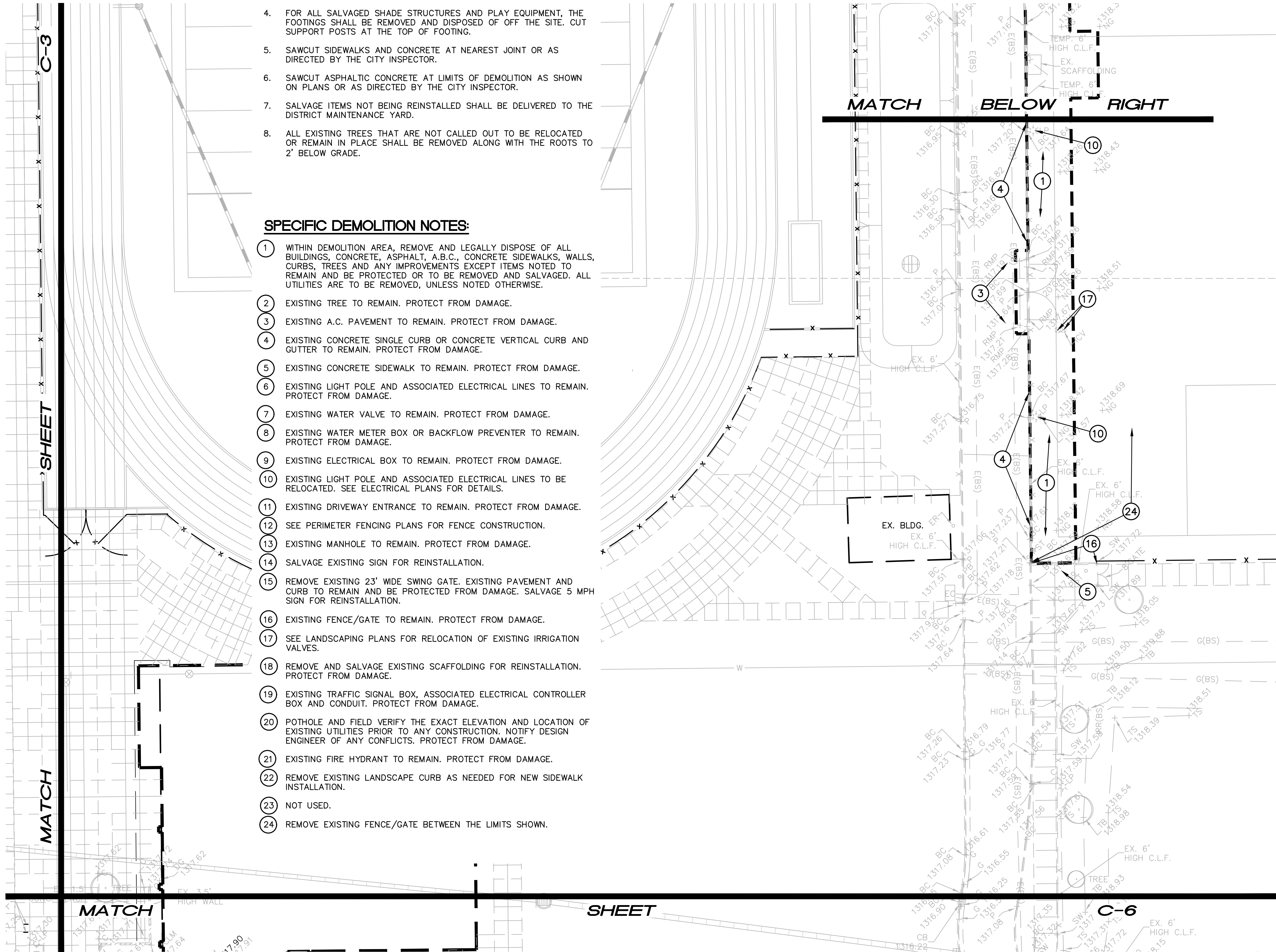
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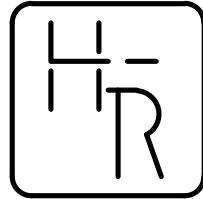
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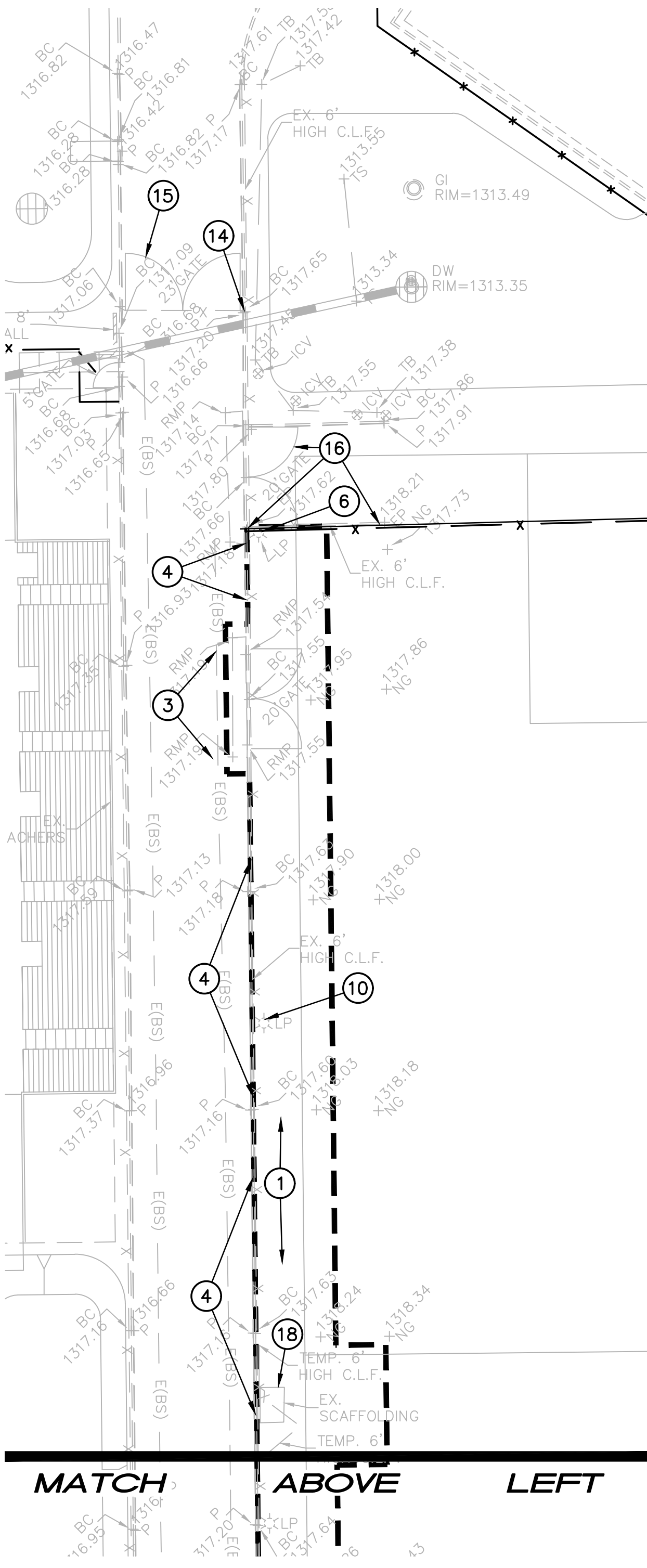


SEE SHEET C-2 FOR LEGEND



HESS - ROUNTREE, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
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DES. **DRO** DRN. **JCW** CKD **DRO** JOB NO. **2205-13**



PARTIAL TOPOGRAPHIC SURVEY
AND DEMOLITION PLAN **EREVIEW-2023-00001**

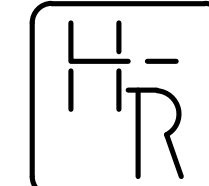
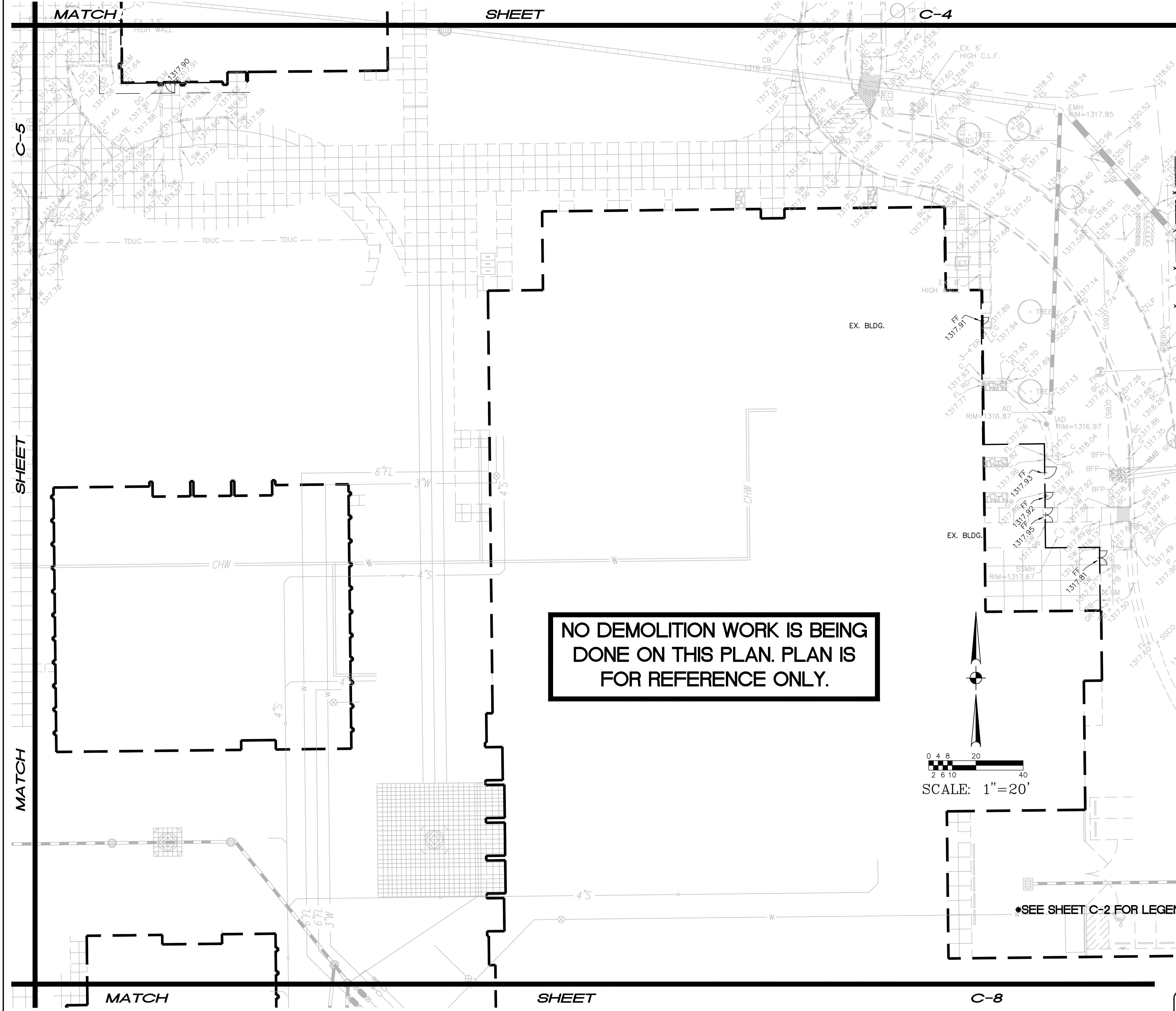
HIGLEY UNIFIED SCHOOL DISTRICT NO. 60

**PARKING LOT IMPROVEMENT PLANS FOR
HIGLEY HIGH SCHOOL**

DRAWING STATUS	SHEET	OF	
2ND TOWN SUBMITTAL SET	4	14	C-4
DATE:	4/24/23		



220513DW2.DWG



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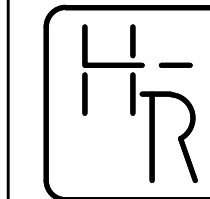
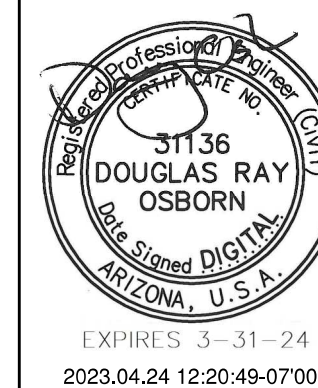
PARTIAL TOPOGRAPHIC SURVEY AND DEMOLITION PLAN **EREVIEW-2023-00001**

HIGLEY UNIFIED SCHOOL DISTRICT NO. 60
PARKING LOT IMPROVEMENT PLANS FOR
HIGLEY HIGH SCHOOL

DRAWING STATUS	SHEET	OF	
2ND TOWN SUBMITTAL SET	6	14	C-6
DATE:	4/24/23		



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CONSULTING ENGINEERS & LAND SURVEYORS
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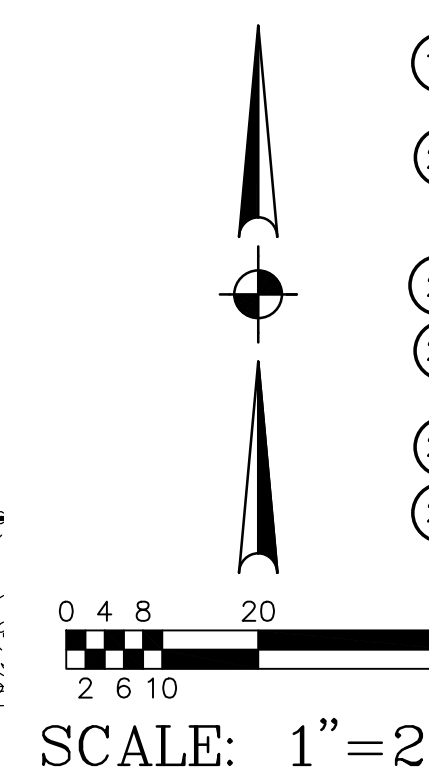
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PARTIAL TOPOGRAPHIC SURVEY
AND DEMOLITION PLAN **EREVIEW-2023-00001**

HIGLEY UNIFIED SCHOOL DISTRICT NO. 60

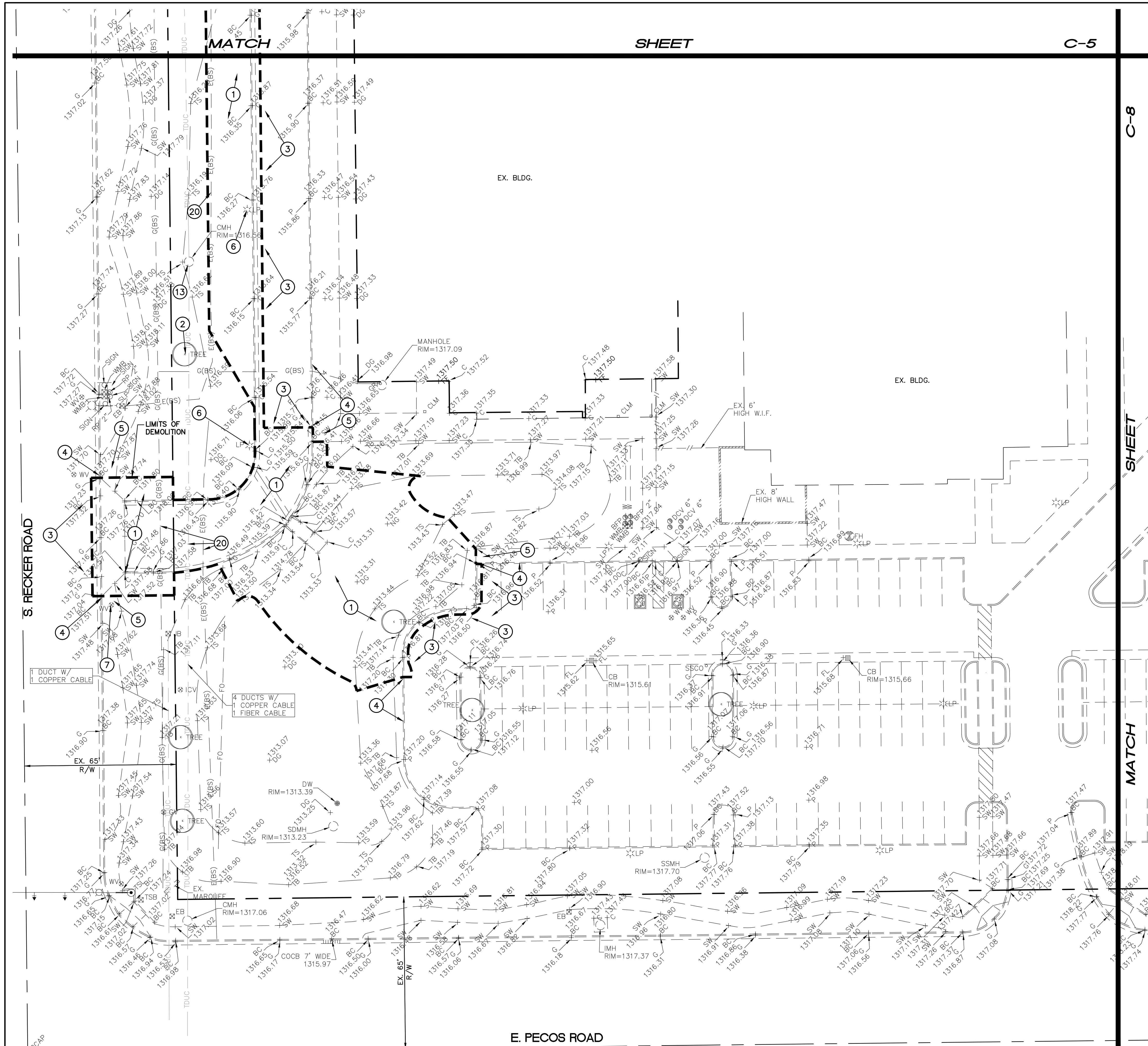
**PARKING LOT IMPROVEMENT PLANS FOR
HIGLEY HIGH SCHOOL**

DRAWING STATUS	SHEET	OF
2ND TOWN SUBMITTAL SET	7	14
DATE: 4/24/23		

C-7



•SEE SHEET C-2 FOR LEGEND•



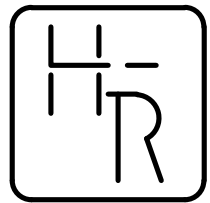
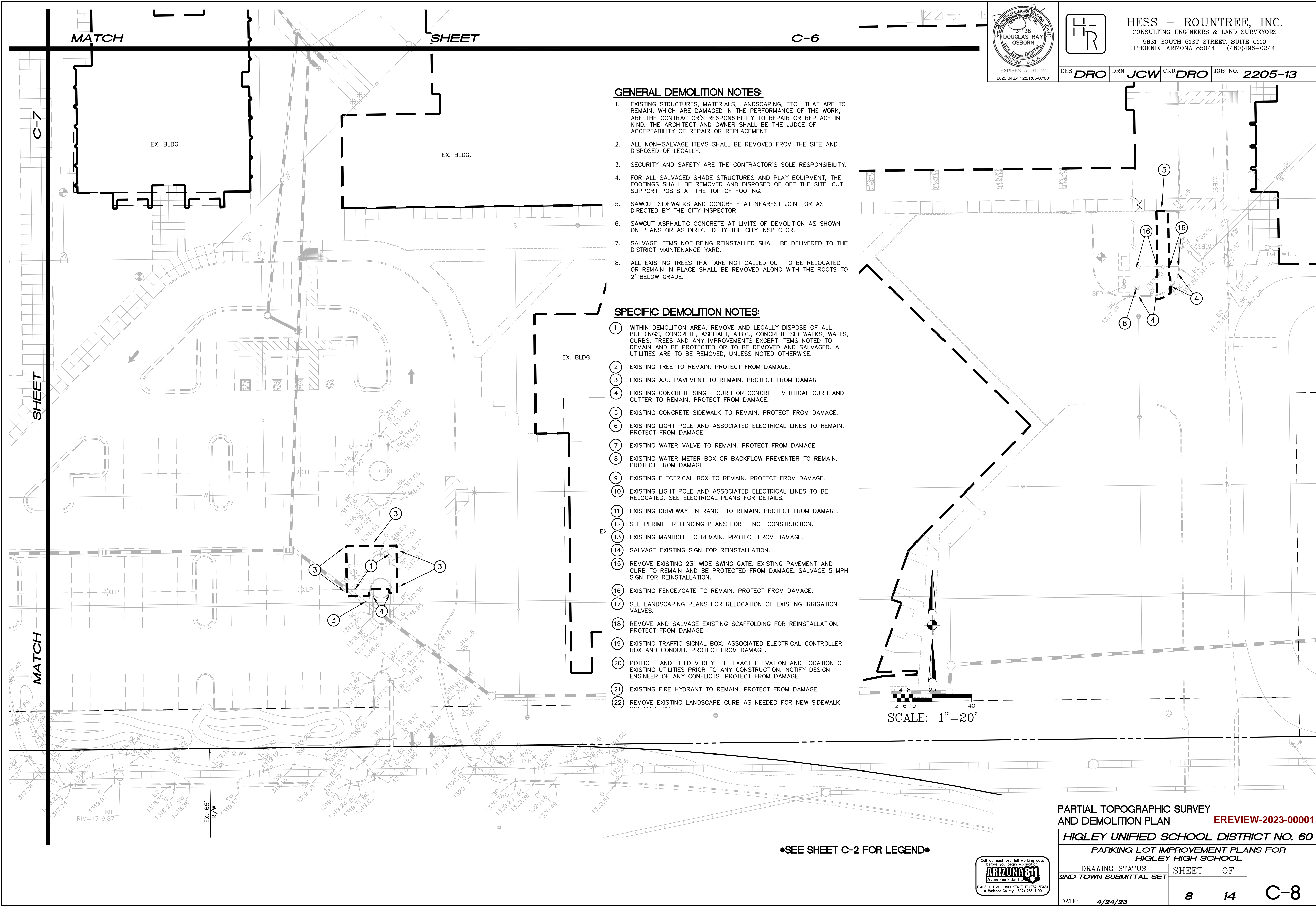
SHEET

C-5

C-8

SHEET

MATCH



HESS - ROUNTREE, INC.
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PHOENIX, ARIZONA 85044 (480)496-0244

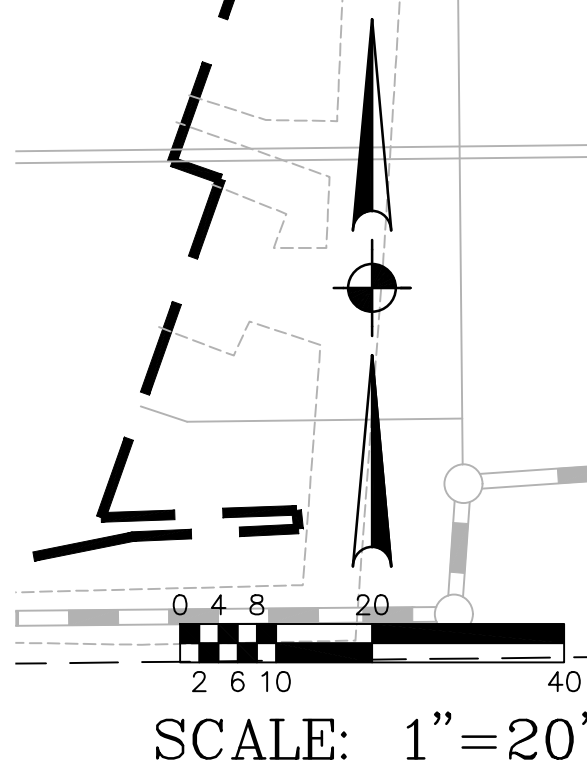
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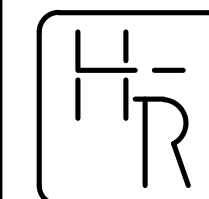
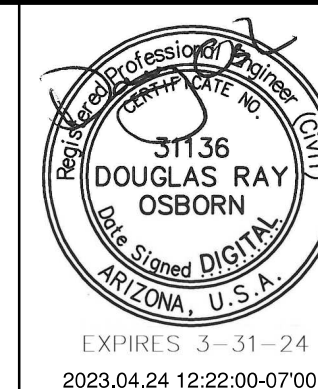


•SEE SHEET C-2 FOR LEGEND•

PARTIAL TOPOGRAPHIC SURVEY AND DEMOLITION PLAN				EREVIEW-2023-00001	
HIGLEY UNIFIED SCHOOL DISTRICT NO. 60					
PARKING LOT IMPROVEMENT PLANS FOR HIGLEY HIGH SCHOOL					
DRAWING STATUS		SHEET		OF	
2ND TOWN SUBMITTAL SET		8		14	
DATE:		4/24/23		C-8	



220513DWG.DWG



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9831 SOUTH 51ST STREET, SUITE C110
PHOENIX, ARIZONA 85044 (480)496-0244

DES. **DRO** DRN. **JCW** CKD **DRO** JOB NO. **2205-13**

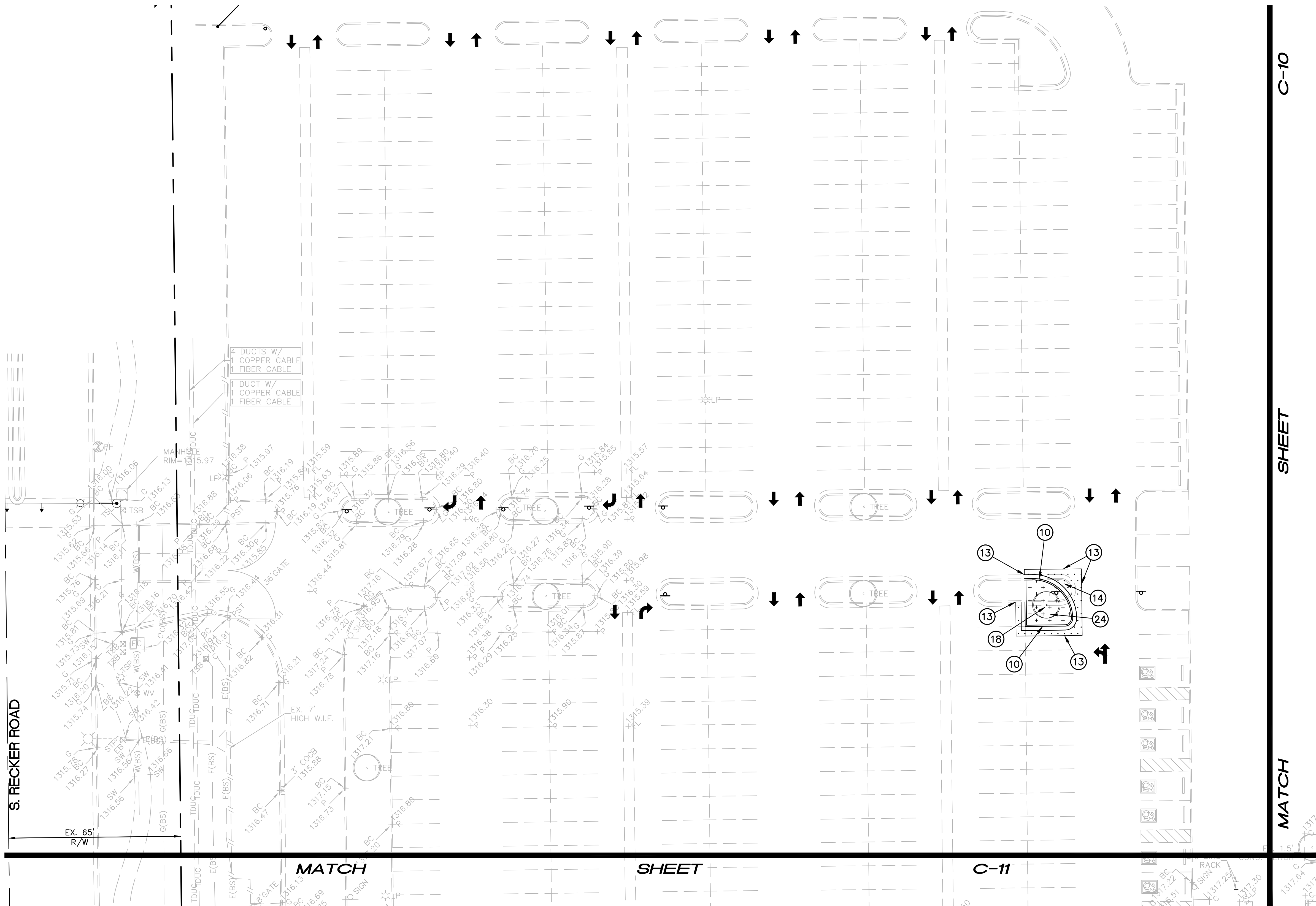
**GRADING AND DRAINAGE
CONSTRUCTION NOTES:**

- SAWCUT, REMOVE AND REPLACE 4' OF EXISTING A.C. PAVEMENT AND EXISTING ASPHALT RAMP AS NEEDED FOR INSTALLATION OF CONCRETE DRIVEWAY ENTRANCE.
- INSTALL CONCRETE SIDEWALK (MAG STANDARD DETAIL NO. 230).
- INSTALL NEW 6' HIGH CHAIN LINK FENCE.
- SIGNAGE AND STRIPING WILL BE SHOWN ON A SEPARATE PLAN. SEE STRIPING PLANS FOR DETAILS.
- INSTALL "ONE-WAY" SIGN (M.U.T.C.D. R6-2, WITH POST AND BASE PER TOWN OF GILBERT STANDARD DETAIL NO. GIL-227).
- INSTALL 20' WIDE CHAIN LINK SWING GATE WITH 180-DEGREE HINGES TO MATCH EXISTING.
- SAWCUT AND REMOVE EXISTING CONCRETE SINGLE CURB AS NEEDED FOR INSTALLATION OF CONCRETE DRIVEWAY ENTRANCE (MAG STANDARD DETAIL NO. 250-2).
- INSTALL 8' WIDE CHAIN LINK SWING GATE WITH 180-DEGREE HINGES.
- CONSTRUCT SIDEWALK RAMP, TYPE PER PLAN (SEE DETAIL ON SHEET C-2).
- INSTALL CONCRETE VERTICAL CURB AND GUTTER (MAG STANDARD DETAIL NO. 220-1, TYPE A).
- CONSTRUCT CONCRETE SINGLE CURB (MAG STANDARD DETAIL NO. 222, TYPE 'A').
- INSTALL CONCRETE VALLEY GUTTER AND APRON (MAG STANDARD DETAIL NO. 240, MODIFY TO BE 3' WIDE).
- MATCH EXISTING CONCRETE OR PAVEMENT LOCATION AND ELEVATION.
- INSTALL ASPHALTIC CONCRETE PAVEMENT (3"A.C. (TYPE 3/4 INCH) OVER 6" A.B.C. OVER 10" COMPACTED SUBGRADE).
- SAWCUT, REMOVE AND REPLACE A MINIMUM OF TWO (2') FEET OF EXISTING A.C. PAVEMENT IN KIND.
- CONSTRUCT CONCRETE SPLASHPAD (SEE DETAIL ON SHEET C-2).
- FENCING AND GATES WILL BE UNDER A SEPARATE PLAN SET. SEE FENCING PLANS FOR DETAILS.
- INSTALL NEW TREE. SEE LANDSCAPE PLANS FOR DETAILS.
- INSTALL ASPHALTIC CONCRETE PAVEMENT (2"A.C. (TYPE 1/2 INCH) OVER 6" A.B.C. OVER 10" COMPACTED SUBGRADE).
- EXISTING SCAFFOLDING TO BE RELOCATED. LOCATION PER OWNER.
- RELOCATE EXISTING LIGHT POLES AND ASSOCIATED ELECTRICAL LINES AS SHOWN ON PLANS. SEE ELECTRICAL PLANS FOR DETAILS.
- NOT USED
- INSTALL 5' OF NEW TURF AS NEEDED FOR SIDEWALK INSTALLATION. STRAIGHT GRADE AT A 5:1 MAXIMUM SLOPE FROM 1" BELOW TOP OF SIDEWALK TO MATCH EXISTING GRADE. SEE LANDSCAPE PLANS FOR RELOCATION OF EXISTING SPRINKLER HEADS.
- INSTALL 2" THICKNESS OF NEW DECOMPOSED GRANITE FROM 1" BELOW TOP OF CURB. SIZE AND COLOR TO MATCH EXISTING. SEE MAG SPECIFICATION SECTION 430.
- INSTALL "DO NOT ENTER" SIGN (M.U.T.C.D. R5-1, WITH POST AND BASE PER TOWN OF GILBERT STANDARD DETAIL NO. GIL-227).
- CONSTRUCT HEADWALL (MAG STANDARD DETAIL NO.'S 501-1 AND 501-2). INSTALL STORM DRAIN OUTFALL ACCESS BARRIER OVER PIPE OPENING PER CITY OF PHOENIX STANDARD DETAIL NO. P1563.
- INSTALL NEW 18" H.D.P.E. STORM DRAIN PIPE WITH SMOOTH INTERIOR AND 10.8 P.S.I. JOINTS.
- INSTALL "PARENT DROP-OFF" DIRECTIONAL SIGN ON WHITE REFLECTIVE BACKGROUND WITH BLACK LETTERING. LETTERING SHALL BE A MINIMUM 4" HIGH. INCLUDE A BLACK DIRECTIONAL ARROW TO THE WEST (LEFT SIDE OF SIGN).
- INSTALL CONCRETE SINGLE CURB FLUSH WITH THE PAVEMENT (MAG STANDARD DETAIL NO. 222, TYPE A).
- NOT USED
- INSTALL SALVAGED "5 MPH" SIGN ON THE BACK OF THE PROPOSED "DO NOT ENTER" SIGN.
- INSTALL LANDSCAPE CURB (SEE DETAIL ON SHEET C-2).
- REMOVE EXISTING SIGN POST AND REINSTALL WITH BASE PER TOWN OF GILBERT STANDARD DETAIL NO. GIL-227.
- INSTALL DUAL CHAMBER DRYWELL (SEE DETAIL ON SHEET C-2).

GRADING AND DRAINAGE PLAN **EREVIEW-2023-00001**

HIGLEY UNIFIED SCHOOL DISTRICT NO. 60
PARKING LOT IMPROVEMENT PLANS FOR
HIGLEY HIGH SCHOOL

DRAWING STATUS	SHEET	OF	
2ND TOWN SUBMITTAL SET			
	9	14	C-9
DATE:	4/24/23		

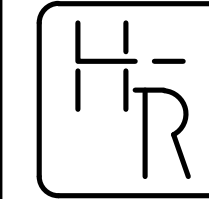
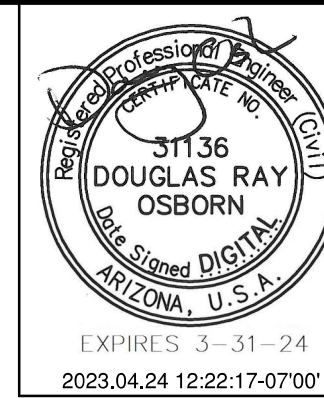
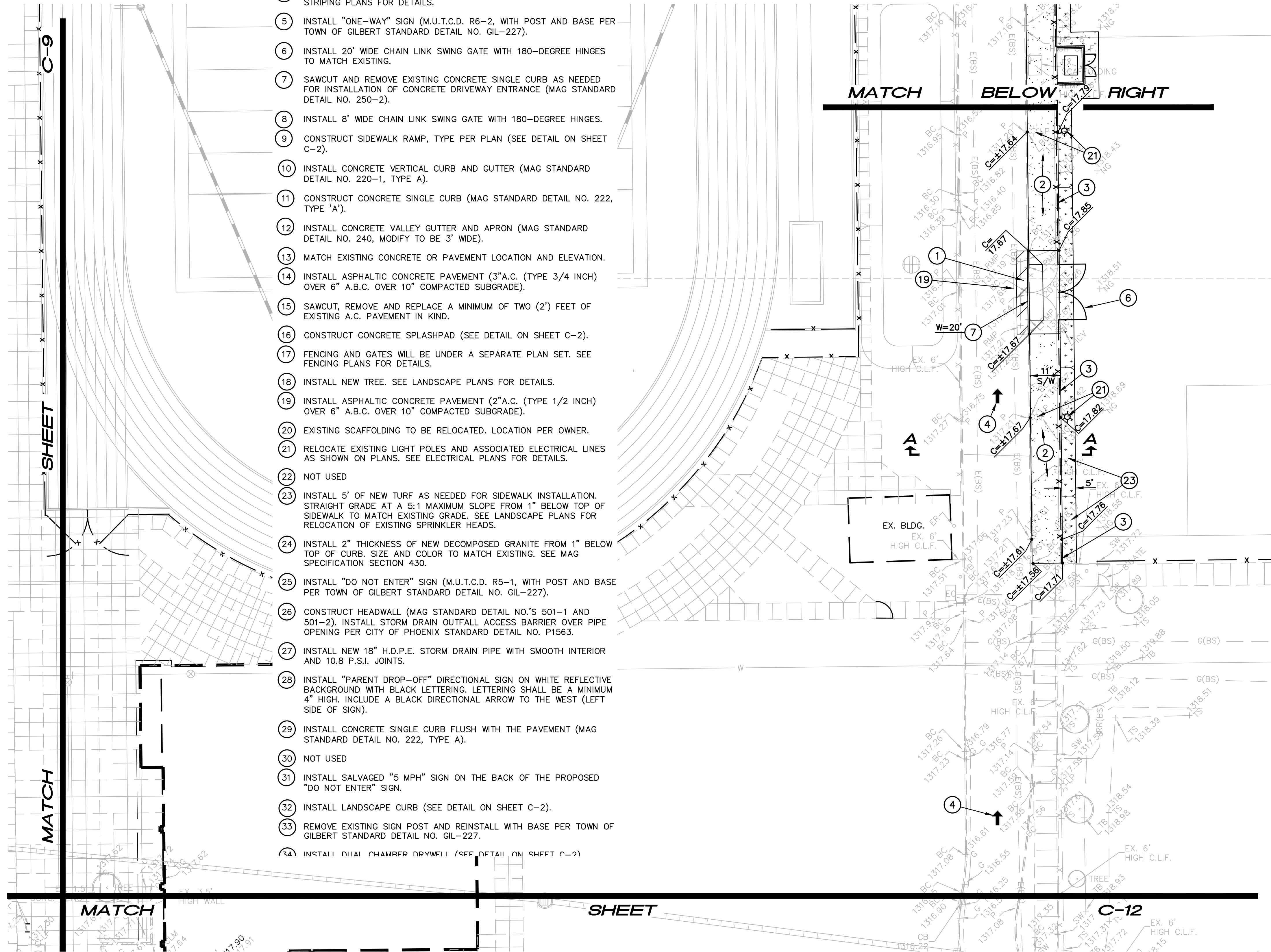


SEE SHEET C-2 FOR LEGEND

SCALE: 1"=20'

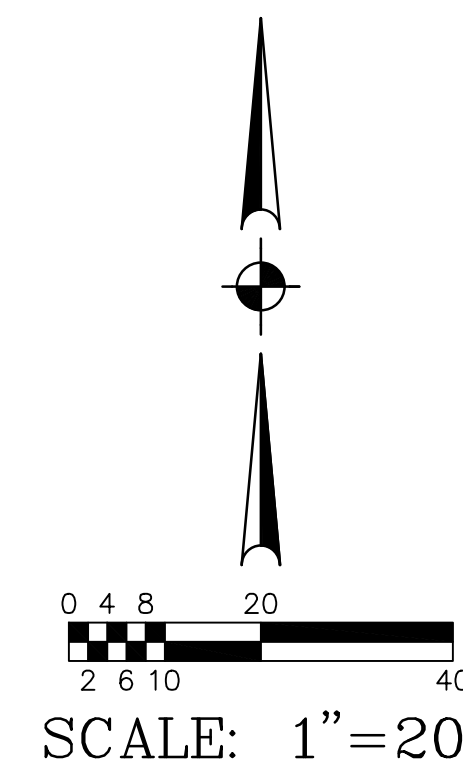
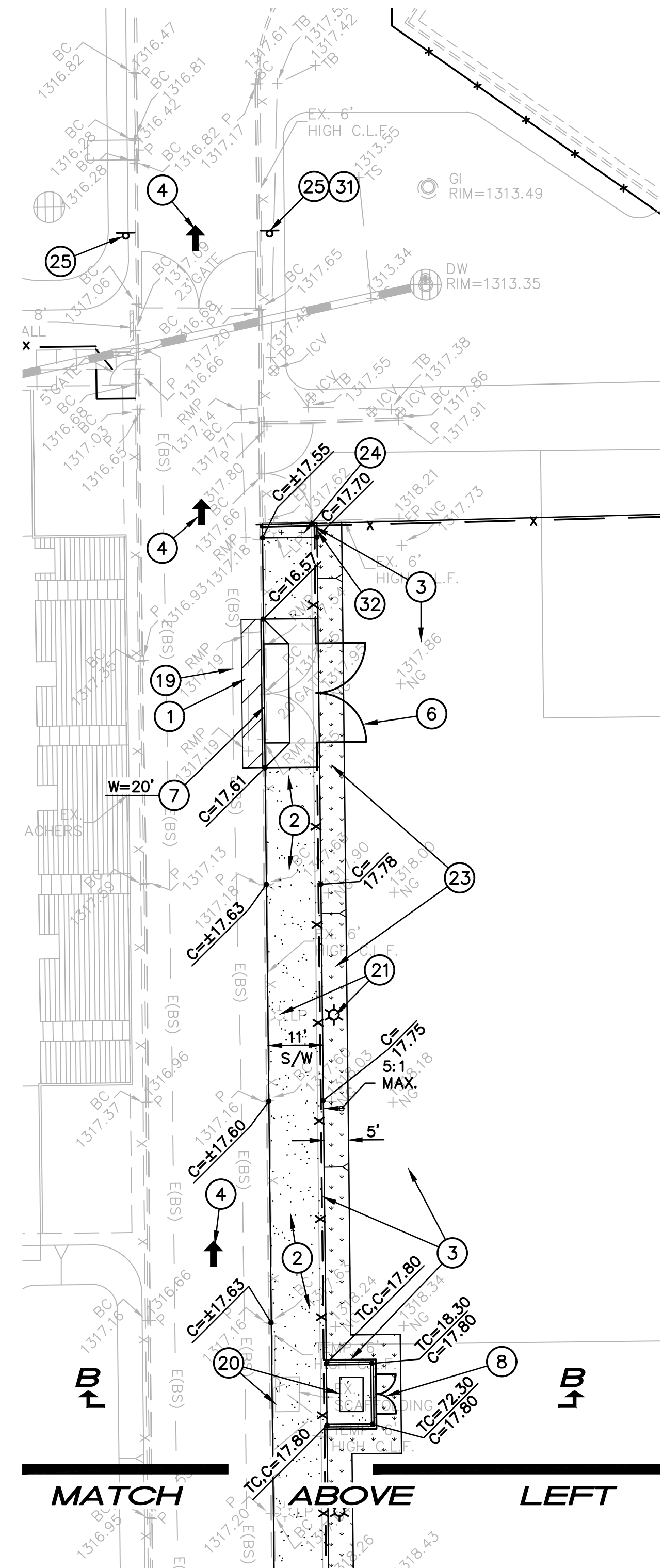
GRADING AND DRAINAGE
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- 2 INSTALL CONCRETE SIDEWALK (MAG STANDARD DETAIL NO. 230).
- 3 INSTALL NEW 6' HIGH CHAIN LINK FENCE.
- 4 SIGNAGE AND STRIPING WILL BE SHOWN ON A SEPARATE PLAN. SEE STRIPING PLANS FOR DETAILS.
- 5 INSTALL "ONE-WAY" SIGN (M.U.T.C.D. R6-2, WITH POST AND BASE PER TOWN OF GILBERT STANDARD DETAIL NO. GIL-227).
- 6 INSTALL 20' WIDE CHAIN LINK SWING GATE WITH 180-DEGREE HINGES TO MATCH EXISTING.
- 7 SAWCUT AND REMOVE EXISTING CONCRETE SINGLE CURB AS NEEDED FOR INSTALLATION OF CONCRETE DRIVEWAY ENTRANCE (MAG STANDARD DETAIL NO. 250-2).
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- 12 INSTALL CONCRETE VALLEY GUTTER AND APRON (MAG STANDARD DETAIL NO. 240, MODIFY TO BE 3' WIDE).
- 13 MATCH EXISTING CONCRETE OR PAVEMENT LOCATION AND ELEVATION.
- 14 INSTALL ASPHALTIC CONCRETE PAVEMENT (3"A.C. (TYPE 3/4 INCH) OVER 6" A.B.C. OVER 10" COMPACTED SUBGRADE).
- 15 SAWCUT, REMOVE AND REPLACE A MINIMUM OF TWO (2') FEET OF EXISTING A.C. PAVEMENT IN KIND.
- 16 CONSTRUCT CONCRETE SPLASHPAD (SEE DETAIL ON SHEET C-2).
- 17 FENCING AND GATES WILL BE UNDER A SEPARATE PLAN SET. SEE FENCING PLANS FOR DETAILS.
- 18 INSTALL NEW TREE. SEE LANDSCAPE PLANS FOR DETAILS.
- 19 INSTALL ASPHALTIC CONCRETE PAVEMENT (2"A.C. (TYPE 1/2 INCH) OVER 6" A.B.C. OVER 10" COMPACTED SUBGRADE).
- 20 EXISTING SCAFFOLDING TO BE RELOCATED. LOCATION PER OWNER.
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- 23 INSTALL 5' OF NEW TURF AS NEEDED FOR SIDEWALK INSTALLATION. STRAIGHT GRADE AT A 5:1 MAXIMUM SLOPE FROM 1" BELOW TOP OF SIDEWALK TO MATCH EXISTING GRADE. SEE LANDSCAPE PLANS FOR RELOCATION OF EXISTING SPRINKLER HEADS.
- 24 INSTALL 2" THICKNESS OF NEW DECOMPOSED GRANITE FROM 1" BELOW TOP OF CURB. SIZE AND COLOR TO MATCH EXISTING. SEE MAG SPECIFICATION SECTION 430.
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- 34 INSTALL CHAMBER DRYWELL (SEE DETAIL ON SHEET C-2).



HESS - ROUNTREE, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
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PHOENIX, ARIZONA 85044 (480)496-0244

DES. **DRO** DRN. **JCW** CKD. **DRO** JOB NO. **2205-13**



SEE SHEET C-2 FOR LEGEND

GRADING AND DRAINAGE PLAN **EREVIEW-2023-00001**

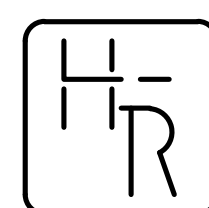
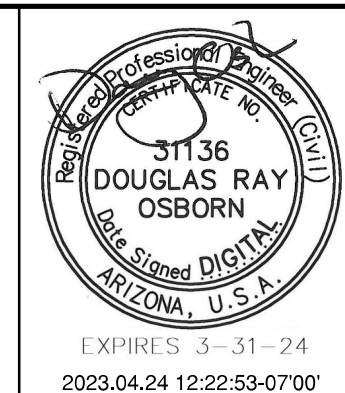
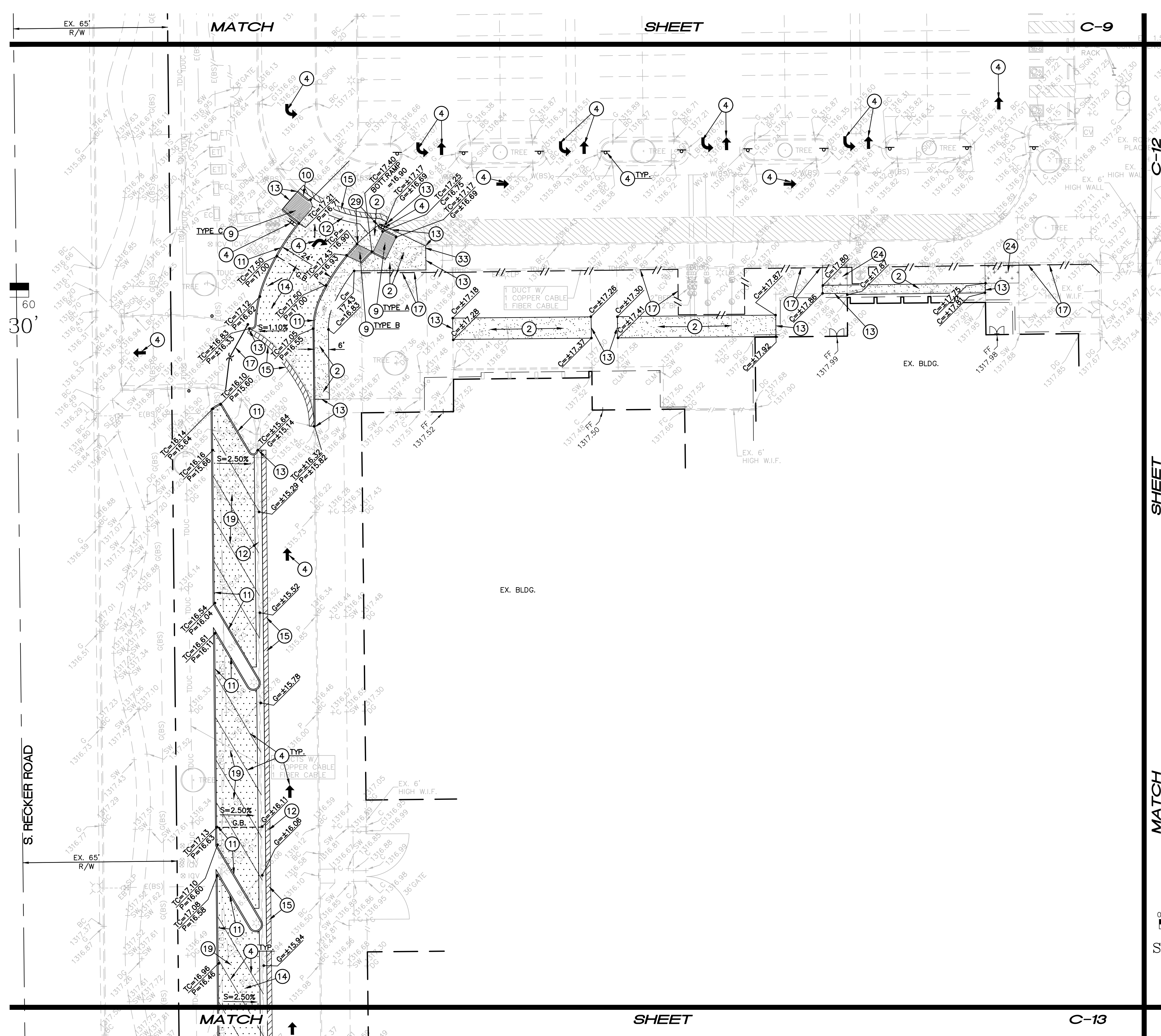
HIGLEY UNIFIED SCHOOL DISTRICT NO. 60

**PARKING LOT IMPROVEMENT PLANS FOR
HIGLEY HIGH SCHOOL**

DRAWING STATUS	SHEET	OF	
2ND TOWN SUBMITTAL SET	10	14	C-10
DATE:	4/24/23		



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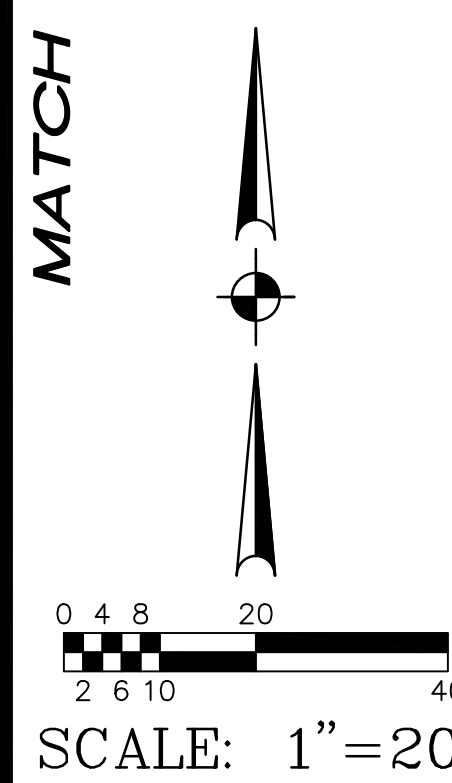


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PHOENIX, ARIZONA 85044 (480)496-0244

DES. **DRO** DRN. **JCW** CKD **DRO** JOB NO. **2205-13**

**GRADING AND DRAINAGE
CONSTRUCTION NOTES:**

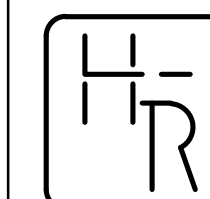
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- 14 INSTALL ASPHALTIC CONCRETE PAVEMENT (3\"/>



SEE SHEET C-2 FOR LEGEND

GRADING AND DRAINAGE PLAN EREVIEW-2023-00001			
HIGLEY UNIFIED SCHOOL DISTRICT NO. 60			
PARKING LOT IMPROVEMENT PLANS FOR HIGLEY HIGH SCHOOL			
DRAWING STATUS	SHEET	OF	
2ND TOWN SUBMITTAL SET	11	14	C-11
DATE:	4/24/23		





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DES. <i>DRO</i>	DRN. <i>JCW</i>	CKD. <i>DRO</i>	JOB NO. <i>2205-13</i>
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GRADING AND DRAINAGE
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- (22) NOT USED
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GRADING AND DRAINAGE PLAN **EREVIEW-2023-00001**

HIGLEY UNIFIED SCHOOL DISTRICT NO. 60

PARKING LOT IMPROVEMENT PLANS FOR
HIGLEY HIGH SCHOOL

DRAWING STATUS		SHEET	OF	C-12
2ND TOWN SUBMITTAL SET				
DATE: 4/24/23		12	14	

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 (782-5) In Maricopa County: (602) 263-1101

***SEE SHEET C-2 FOR LEGEND:**

SCALE: 1"=20'

C-14

SHEET

MATCH

SHEET

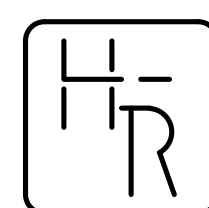
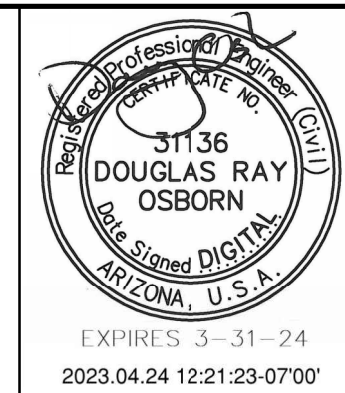
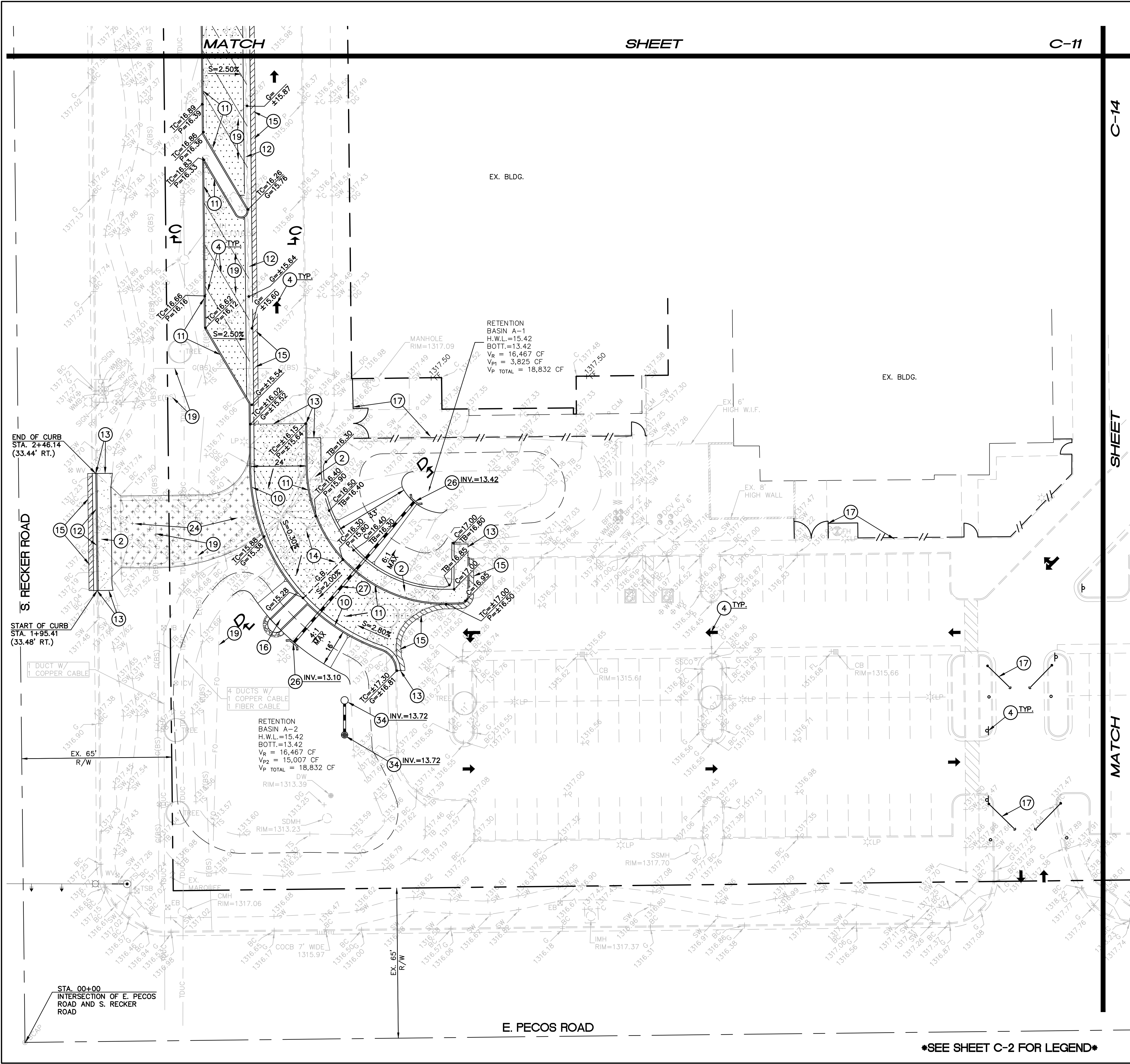
C-10

C-11

LEAFS

MATCH

C-14

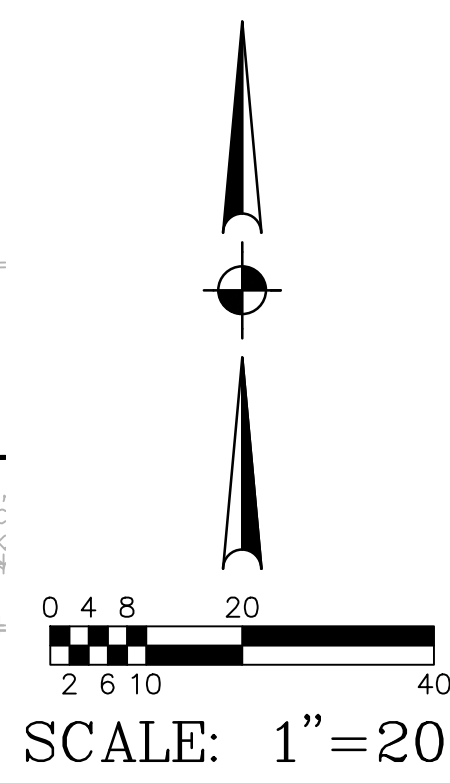


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GRADING AND DRAINAGE PLAN EREVIEW-2023-00001			
HIGLEY UNIFIED SCHOOL DISTRICT NO. 60			
PARKING LOT IMPROVEMENT PLANS FOR HIGLEY HIGH SCHOOL			
DRAWING STATUS	SHEET	OF	
2ND TOWN SUBMITTAL SET	13	14	C-13
DATE:	4/24/23		

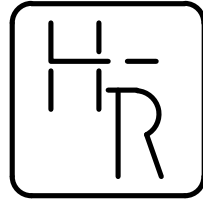


SEE SHEET C-2 FOR LEGEND

MATCH

SHEET

C-12

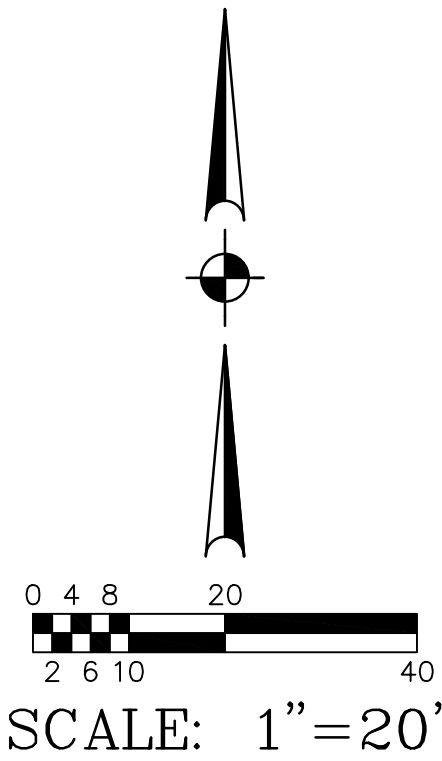
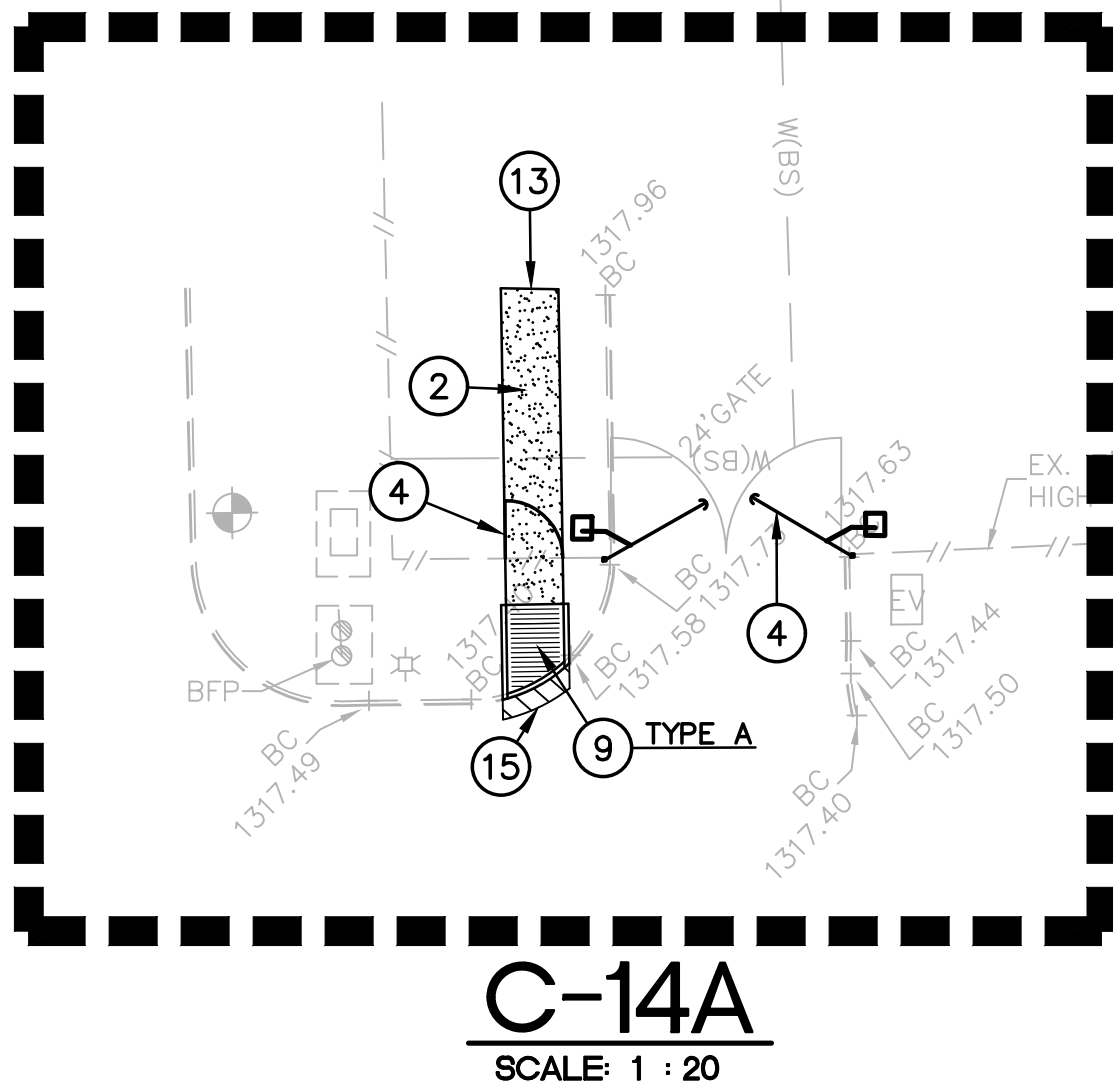


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9831 SOUTH 51ST STREET, SUITE C110
PHOENIX, ARIZONA 85044 (480)496-0244

DES. **DRO** DRN. **JCW** CKD **DRO** JOB NO. **2205-13**

**GRADING AND DRAINAGE
CONSTRUCTION NOTES:**

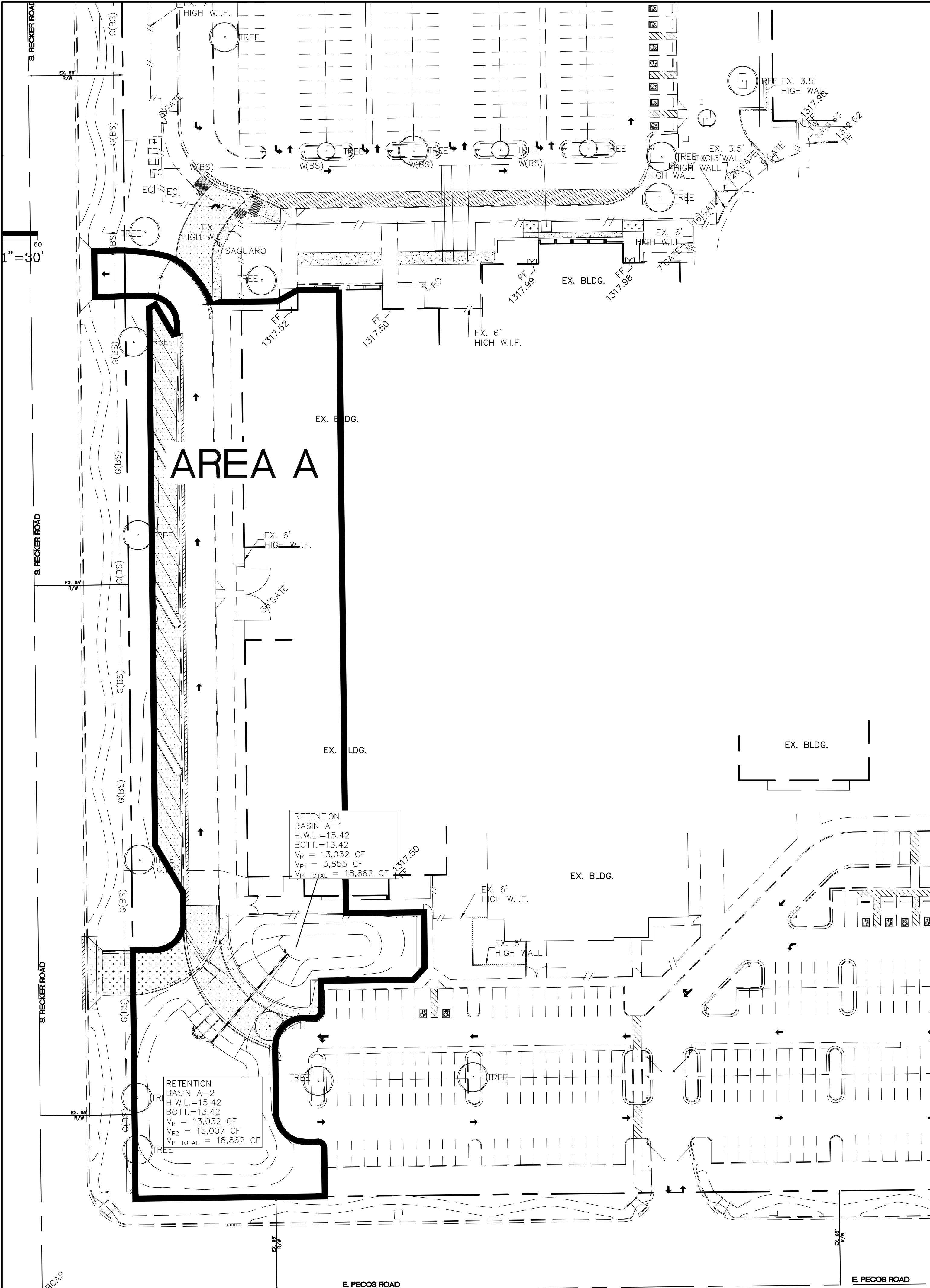
- 1 SAWCUT, REMOVE AND REPLACE 4' OF EXISTING A.C. PAVEMENT AND EXISTING ASPHALT RAMP AS NEEDED FOR INSTALLATION OF CONCRETE DRIVEWAY ENTRANCE.
- 2 INSTALL CONCRETE SIDEWALK (MAG STANDARD DETAIL NO. 230).
- 3 INSTALL NEW 6' HIGH CHAIN LINK FENCE.
- 4 SIGNAGE AND STRIPING WILL BE SHOWN ON A SEPARATE PLAN. SEE STRIPING PLANS FOR DETAILS.
- 5 INSTALL "ONE-WAY" SIGN (M.U.T.C.D. R6-2, WITH POST AND BASE PER TOWN OF GILBERT STANDARD DETAIL NO. GIL-227).
- 6 INSTALL 20' WIDE CHAIN LINK SWING GATE WITH 180-DEGREE HINGES TO MATCH EXISTING.
- 7 SAWCUT AND REMOVE EXISTING CONCRETE SINGLE CURB AS NEEDED FOR INSTALLATION OF CONCRETE DRIVEWAY ENTRANCE (MAG STANDARD DETAIL NO. 250-2).
- 8 INSTALL 8' WIDE CHAIN LINK SWING GATE WITH 180-DEGREE HINGES.
- 9 CONSTRUCT SIDEWALK RAMP, TYPE PER PLAN (SEE DETAIL ON SHEET C-2).
- 10 INSTALL CONCRETE VERTICAL CURB AND GUTTER (MAG STANDARD DETAIL NO. 220-1, TYPE A).
- 11 CONSTRUCT CONCRETE SINGLE CURB (MAG STANDARD DETAIL NO. 222, TYPE 'A').
- 12 INSTALL CONCRETE VALLEY GUTTER AND APRON (MAG STANDARD DETAIL NO. 240, MODIFY TO BE 3' WIDE).
- 13 MATCH EXISTING CONCRETE OR PAVEMENT LOCATION AND ELEVATION.
- 14 INSTALL ASPHALTIC CONCRETE PAVEMENT (3"A.C. (TYPE 3/4 INCH) OVER 6" A.B.C. OVER 10" COMPACTED SUBGRADE).
- 15 SAWCUT, REMOVE AND REPLACE A MINIMUM OF TWO (2') FEET OF EXISTING A.C. PAVEMENT IN KIND.
- 16 CONSTRUCT CONCRETE SPLASHPAD (SEE DETAIL ON SHEET C-2).
- 17 FENCING AND GATES WILL BE UNDER A SEPARATE PLAN SET. SEE FENCING PLANS FOR DETAILS.
- 18 INSTALL NEW TREE. SEE LANDSCAPE PLANS FOR DETAILS.
- 19 INSTALL ASPHALTIC CONCRETE PAVEMENT (2"A.C. (TYPE 1/2 INCH) OVER 6" A.B.C. OVER 10" COMPACTED SUBGRADE).
- 20 EXISTING SCAFFOLDING TO BE RELOCATED. LOCATION PER OWNER.
- 21 RELOCATE EXISTING LIGHT POLES AND ASSOCIATED ELECTRICAL LINES AS SHOWN ON PLANS. SEE ELECTRICAL PLANS FOR DETAILS.
- 22 NOT USED
- 23 INSTALL 5' OF NEW TURF AS NEEDED FOR SIDEWALK INSTALLATION. STRAIGHT GRADE AT A 5:1 MAXIMUM SLOPE FROM 1" BELOW TOP OF SIDEWALK TO MATCH EXISTING GRADE. SEE LANDSCAPE PLANS FOR RELOCATION OF EXISTING SPRINKLER HEADS.
- 24 INSTALL 2" THICKNESS OF NEW DECOMPOSED GRANITE FROM 1" BELOW TOP OF CURB. SIZE AND COLOR TO MATCH EXISTING. SEE MAG SPECIFICATION SECTION 430.
- 25 INSTALL "DO NOT ENTER" SIGN (M.U.T.C.D. R5-1, WITH POST AND BASE PER TOWN OF GILBERT STANDARD DETAIL NO. GIL-227).
- 26 CONSTRUCT HEADWALL (MAG STANDARD DETAIL NO.'S 501-1 AND 501-2). INSTALL STORM DRAIN OUTFALL ACCESS BARRIER OVER PIPE OPENING PER CITY OF PHOENIX STANDARD DETAIL NO. P1563.
- 27 INSTALL NEW 18" H.D.P.E. STORM DRAIN PIPE WITH SMOOTH INTERIOR AND 10.8 P.S.I. JOINTS.
- 28 INSTALL "PARENT DROP-OFF" DIRECTIONAL SIGN ON WHITE REFLECTIVE BACKGROUND WITH BLACK LETTERING. LETTERING SHALL BE A MINIMUM 4" HIGH. INCLUDE A BLACK DIRECTIONAL ARROW TO THE WEST (LEFT SIDE OF SIGN).
- 29 INSTALL CONCRETE SINGLE CURB FLUSH WITH THE PAVEMENT (MAG STANDARD DETAIL NO. 222, TYPE A).
- 30 NOT USED
- 31 INSTALL SALVAGED "5 MPH" SIGN ON THE BACK OF THE PROPOSED "DO NOT ENTER" SIGN.
- 32 INSTALL LANDSCAPE CURB (SEE DETAIL ON SHEET C-2).
- 33 REMOVE EXISTING SIGN POST AND REINSTALL WITH BASE PER TOWN OF GILBERT STANDARD DETAIL NO. GIL-227.
- 34 INSTALL DUAL CHAMBER DRYWELL (SEE DETAIL ON SHEET C-2)



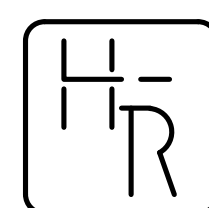
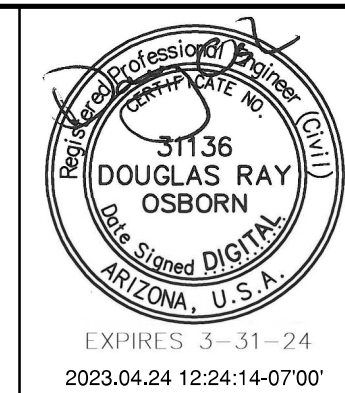
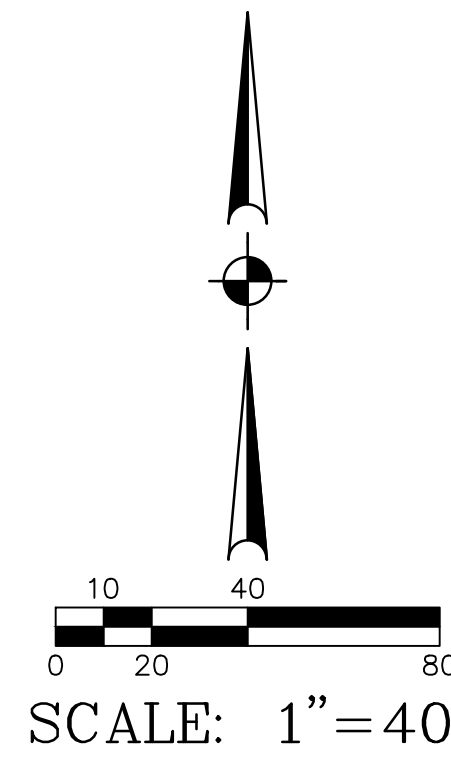
•SEE SHEET C-2 FOR LEGEND•



GRADING AND DRAINAGE PLAN EREVIEW-2023-00001			
HIGLEY UNIFIED SCHOOL DISTRICT NO. 60			
PARKING LOT IMPROVEMENT PLANS FOR HIGLEY HIGH SCHOOL			
DRAWING STATUS	SHEET	OF	C-14
2ND TOWN SUBMITTAL SET	14	14	
DATE: 4/24/23			



LEGEND:
DRAINAGE AREA BOUNDARY



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SEE SHEET C-2 FOR LEGEND



DRAINAGE AREA MAP

EREVIEW-2023-00001

HIGLEY UNIFIED SCHOOL DISTRICT NO. 60			
PARKING LOT IMPROVEMENT PLANS FOR HIGLEY HIGH SCHOOL			
DRAWING STATUS	SHEET	OF	DAM-1
2ND TOWN SUBMITTAL SET			
	1	1	
DATE: 4/24/23			

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