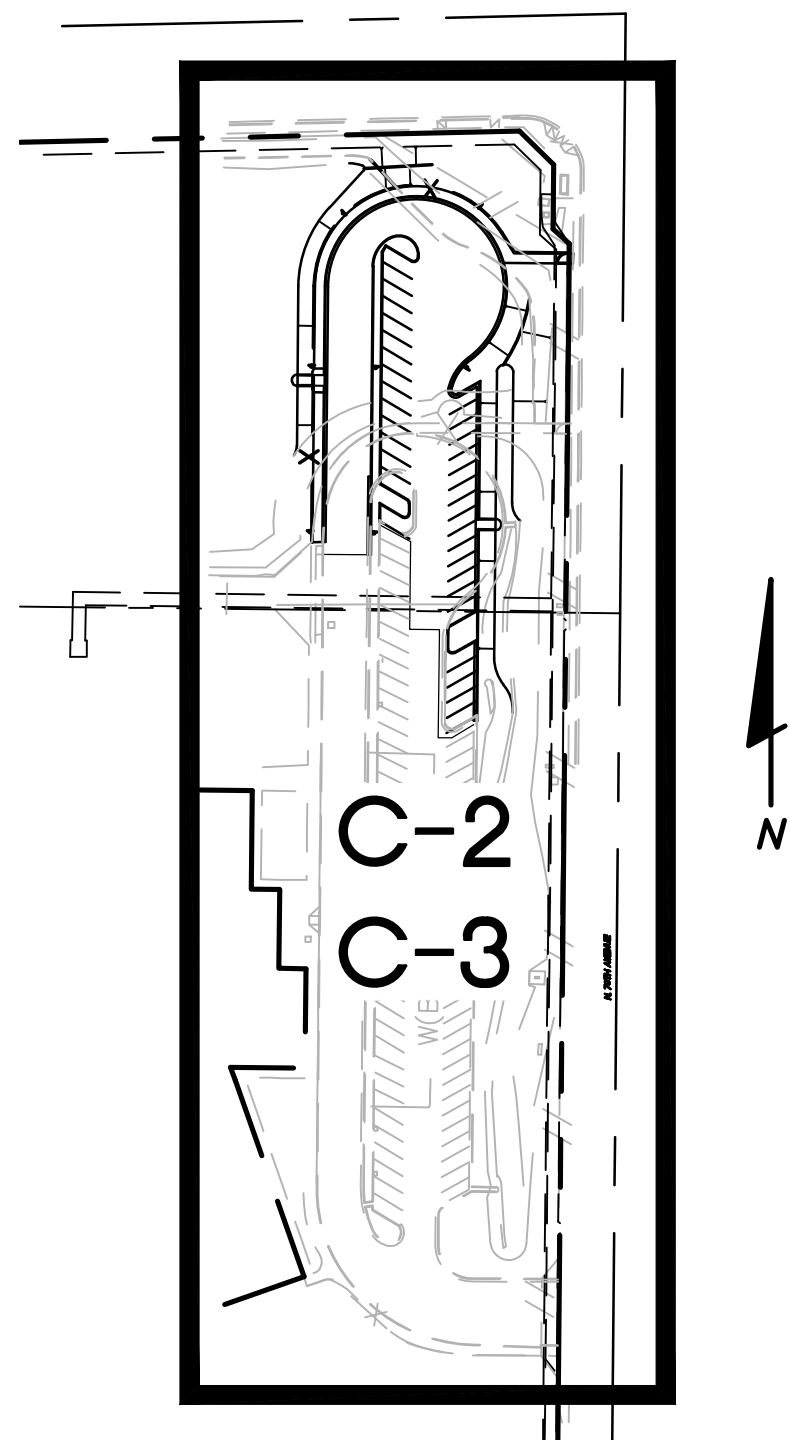
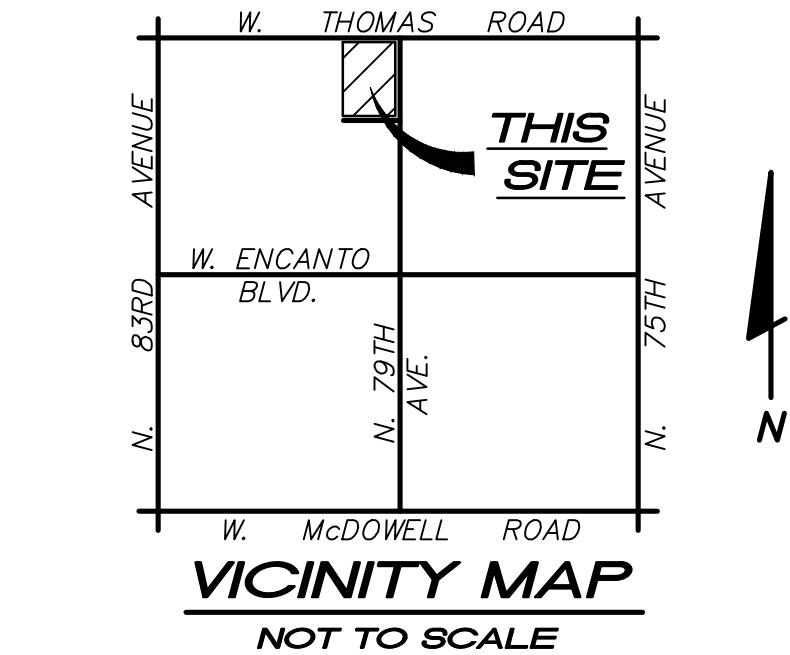


PARKING RENOVATIONS
AT
RAUL CASTRO ACADEMY OF ARTS
ELEMENTARY SCHOOL

SITE ADDRESS: 2730 N. 79TH AVENUE
PHOENIX, ARIZONA 85035

FOR
CARTWRIGHT SCHOOL DISTRICT NO. 83
5220 W. INDIAN SCHOOL ROAD
PHOENIX, AZ 85031
PHONE: (623) 691-4000

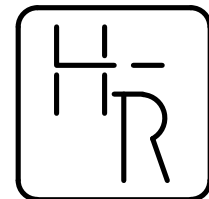


SHEET INDEX MAP
NOT TO SCALE

* SEE SHEET C-2 FOR LEGEND *

FLOODPLAIN MAP INFORMATION:

| COMMUNITY NUMBER | PANEL NUMBER | SUFFIX | DATE OF FIRM (INDEX DATE) | SHADED ZONE | BASE FLOOD ELEVATION (IN AO ZONE, USE DEPTH) |
|------------------|--------------|--------|---------------------------|-------------|--|
| 040013 | 2180 | L | 10-16-2013 | X | N/A |



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. **2305-03**

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 LINES 3" AND LARGER, SEWER LINES, FIRE LINES 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.

ENGINEER:

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

OWNER:

CARTWRIGHT SCHOOL DISTRICT NO. 83
5220 W. INDIAN SCHOOL ROAD
PHOENIX, ARIZONA 85031
PHONE: (623) 691-4000
CONTACT: THOMAS FOSTER-DE ORO

ARCHITECT:

ADM GROUP INC.
2100 W. 15TH ST.,
TEMPE, ARIZONA 85281
PHONE: (480) 285-3800
CONTACT: BRIAN ATKINSON

SHEET INDEX:

- C-1 COVER SHEET
C-2 PARTIAL TOPOGRAPHIC SURVEY AND DEMOLITION PLAN
C-3 GRADING AND DRAINAGE PLAN

BENCH MARK:

FOUND CITY OF PHOENIX BENCHMARK #132 BEING A CITY OF PHOENIX BRASS CAP IN HAND HOLE LOCATED IN THE INTERSECTION OF NORTH 79TH AVENUE AND WEST THOMAS ROAD HAVING AN ELEVATION OF 1055.698 (NGVD29)

COVER SHEET

| CARTWRIGHT SCHOOL DISTRICT NO. 83 | | | |
|--|-------|----|-----|
| PARKING RENOVATIONS FOR RAUL H. CASTRO ACADEMY OF FINE ARTS | | | |
| DRAWING STATUS | SHEET | OF | C-1 |
| 100% CD SET | | | |
| | 1 | 3 | |
| DATE: 06-09-23 | | | |

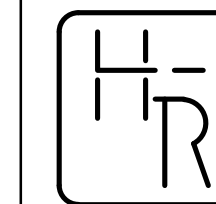
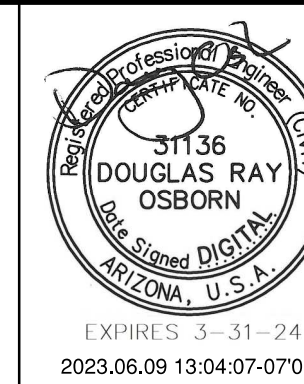
THESE PLANS HAVE BEEN SUBMITTED TO THE FOLLOWING UTILITY COMPANIES AND THE WORK CONTAINED IN THESE PLANS HAS BEEN APPROVED BY THESE COMPANIES WITHIN THEIR AREA OF INTEREST. THE SIZE AND LOCATIONS, AS SHOWN OF THE GAS, TELEPHONE AND POWER LINES, AND CONNECTIONS AGREE WITH THE INFORMATION CONTAINED IN THE UTILITY COMPANY'S RECORDS. WHERE THE WORK TO BE DONE CONFLICTS WITH ANY OF THESE UTILITIES, THE CONFLICTS SHALL 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.

| | | |
|---|---|----------------|
| CITY OF PHOENIX WATER SERVICES DEPARTMENT | HECTOR LEPUR CO. REPRESENTATIVE CONTACTED | DATE SUBMITTED |
| COX COMMUNICATIONS - MARICOPA | USIC DISPATCH CENTER CO. REPRESENTATIVE CONTACTED | DATE SUBMITTED |
| CITY OF PHOENIX TRAFFIC SIGNALS | SIGNAL SHOP CO. REPRESENTATIVE CONTACTED | DATE SUBMITTED |
| KINDER MORGAN ENERGY | BRICE BOX CO. REPRESENTATIVE CONTACTED | DATE SUBMITTED |
| CTLQL - CENTURYLINK | USIC DISPATCH CENTER CO. REPRESENTATIVE CONTACTED | DATE SUBMITTED |
| MCI - (VERIZON BUSINESS) | SUPERVISOR ON DUTY CO. REPRESENTATIVE CONTACTED | DATE SUBMITTED |
| PAULEY CONSTRUCTION, LLC | MICHELLE O'DONNELL CO. REPRESENTATIVE CONTACTED | DATE SUBMITTED |
| SALT RIVER PROJECT - MARICOPA COUNTY | SRP BLUESTAKE CO. REPRESENTATIVE CONTACTED | DATE SUBMITTED |
| SOUTHWEST GAS CONTRACT LOCATOR SW | ELM LOCATING DISPATCH CO. REPRESENTATIVE CONTACTED | DATE SUBMITTED |
| ZAYO GROUP FKA AGL | STAKE CENTER DISPATCH CO. REPRESENTATIVE CONTACTED | DATE SUBMITTED |

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 CITY OF PHOENIX 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.





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. **2305-03**

GENERAL DEMOLITION NOTES:

- EXISTING STRUCTURES, MATERIALS, LANDSCAPING, ETC., THAT ARE TO REMAIN, WHICH ARE DAMAGED IN THE PERFORMANCE OF THE WORK, ARE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE IN KIND. THE ENGINEER AND OWNER SHALL BE THE JUDGE OF ACCEPTABILITY OF REPAIR OR REPLACEMENT.
- ALL NON-SALVAGE ITEMS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
- SECURITY AND SAFETY ARE THE CONTRACTOR'S SOLE RESPONSIBILITY.
- SAWCUT SIDEWALKS AND CONCRETE AT NEAREST JOINT OR AS DIRECTED BY THE ENGINEER OR THE CITY INSPECTOR.
- SAWCUT ASPHALTIC CONCRETE AT LIMITS OF DEMOLITION AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER OR THE CITY INSPECTOR.
- SALVAGE ITEMS NOT BEING REINSTALLED SHALL BE DELIVERED TO THE DISTRICT MAINTENANCE YARD.
- THE CONTRACTOR MUST PERFORM ALL CLEARING, DEMOLITION REMOVALS AND SITE PREPARATIONS NECESSARY FOR THE EXECUTION OF THE WORK AND CONTAINED IN THE CONTRACT DOCUMENTS.
- THE CONTRACTOR MUST VERIFY THE LOCATIONS OF ALL UTILITIES, STRUCTURES, AND SERVICES BEFORE COMMENCING WORK. CONTRACTOR IS RESPONSIBLE FOR POT HOLING AND UTILITY SURVEY AS NECESSARY TO LOCATE EXISTING UTILITIES.
- THE CONTRACTOR MUST PROTECT IN PLACE ALL EXISTING UTILITIES UNLESS OTHERWISE NOTED.

SPECIFIC DEMOLITION NOTES:

- WITHIN DEMOLITION AREA, REMOVE AND LEGALLY DISPOSE OF ALL CONCRETE, ASPHALT, A.B.C., CONCRETE SIDEWALKS, WALLS, CURBS, DRIVEWAY, TREES AND ANY IMPROVEMENTS EXCEPT ITEMS NOTED TO REMAIN AND BE PROTECTED OR TO BE REMOVED AND SALVAGED. ALL UTILITIES ARE TO REMAIN IN PLACE AND BE PROTECTED FROM DAMAGE UNLESS OTHERWISE NOTED.
- EXISTING FENCE TO REMAIN. PROTECT FROM DAMAGE.
- EXISTING CONCRETE SINGLE CURB OR VERTICAL CURB AND GUTTER TO REMAIN. PROTECT FROM DAMAGE.
- EXISTING CONCRETE SIDEWALK OR A.C. PAVEMENT TO REMAIN. PROTECT FROM DAMAGE.
- EXISTING IRRIGATION STANDPIPE AND ASSOCIATED FLOOD IRRIGATION TO REMAIN. PROTECT FROM DAMAGE.
- EXISTING TREE TO REMAIN. PROTECT FROM DAMAGE.
- REMOVE AND SALVAGE EXISTING GATE.

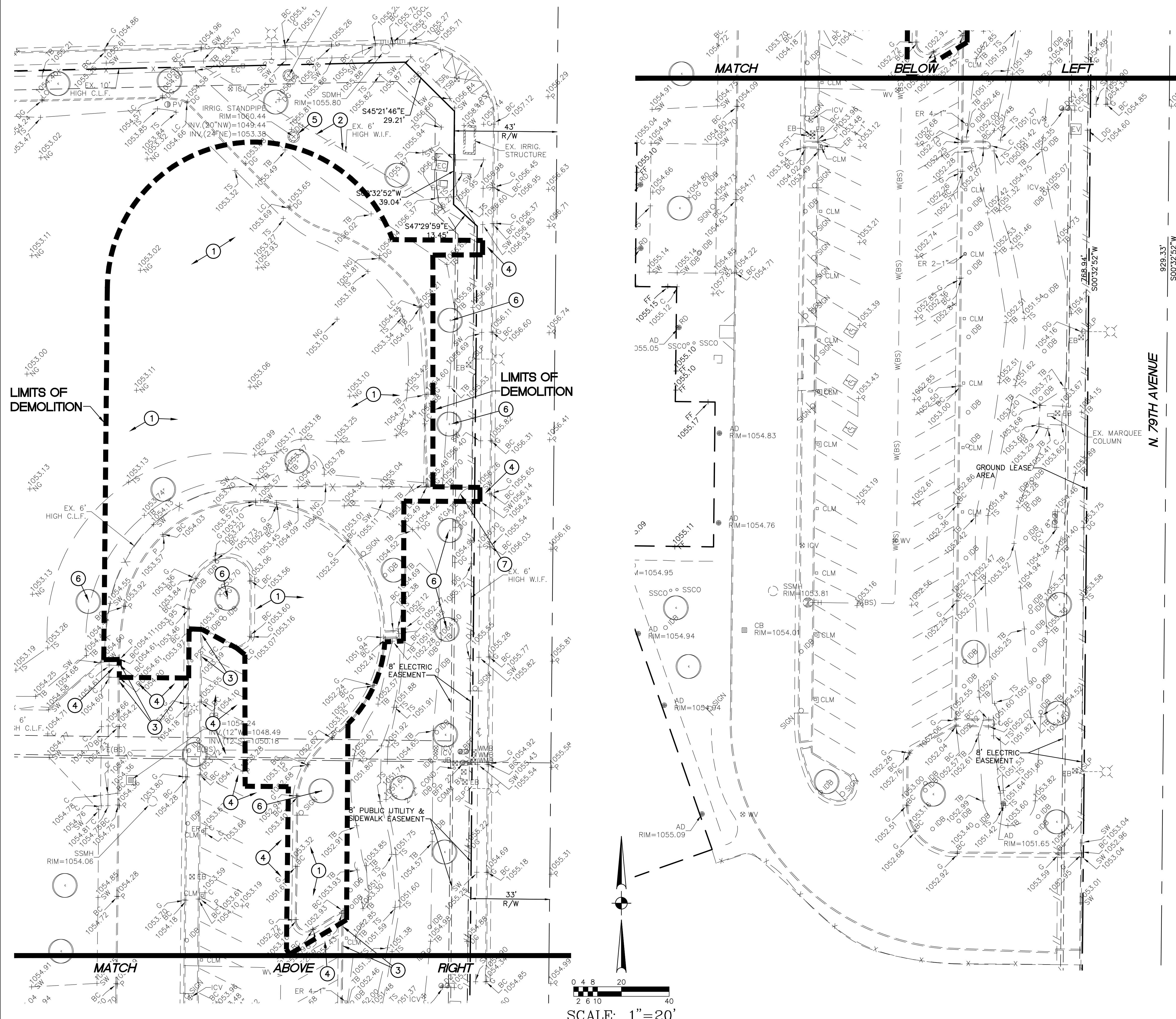
PARTIAL TOPOGRAPHIC SURVEY AND DEMOLITION PLAN

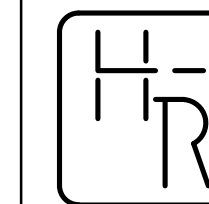
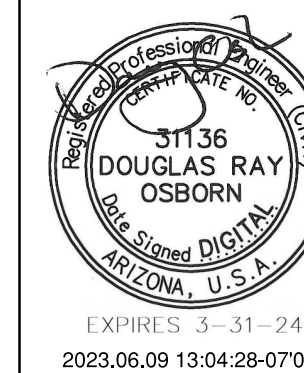
CARTWRIGHT SCHOOL DISTRICT NO. 83

PARKING RENOVATIONS FOR RAUL H. CASTRO ACADEMY OF FINE ARTS

| DRAWING STATUS | SHEET | OF |
|----------------|-------|----|
| 100% CD SET | 2 | 3 |
| DATE: 06-09-23 | | |

C-2





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

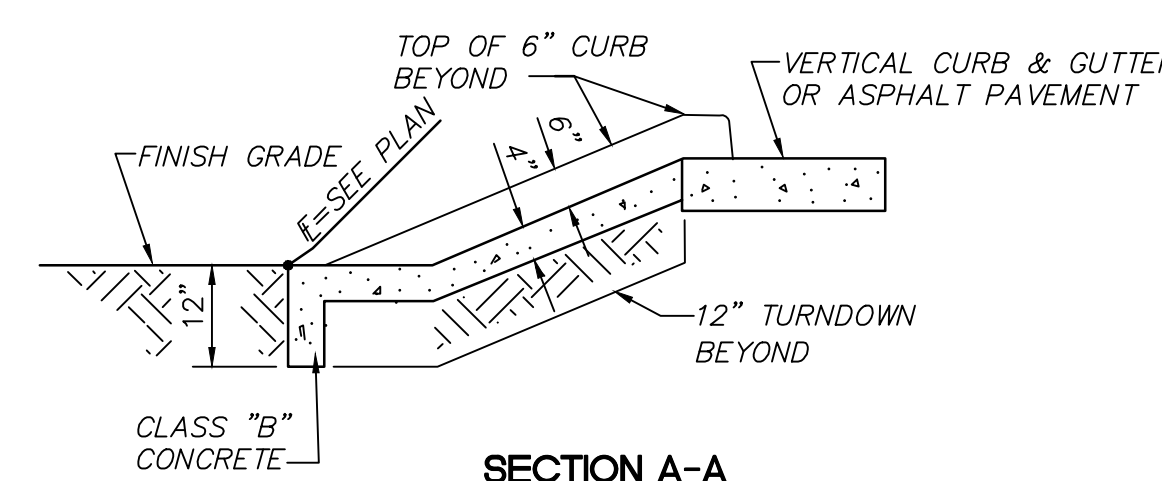
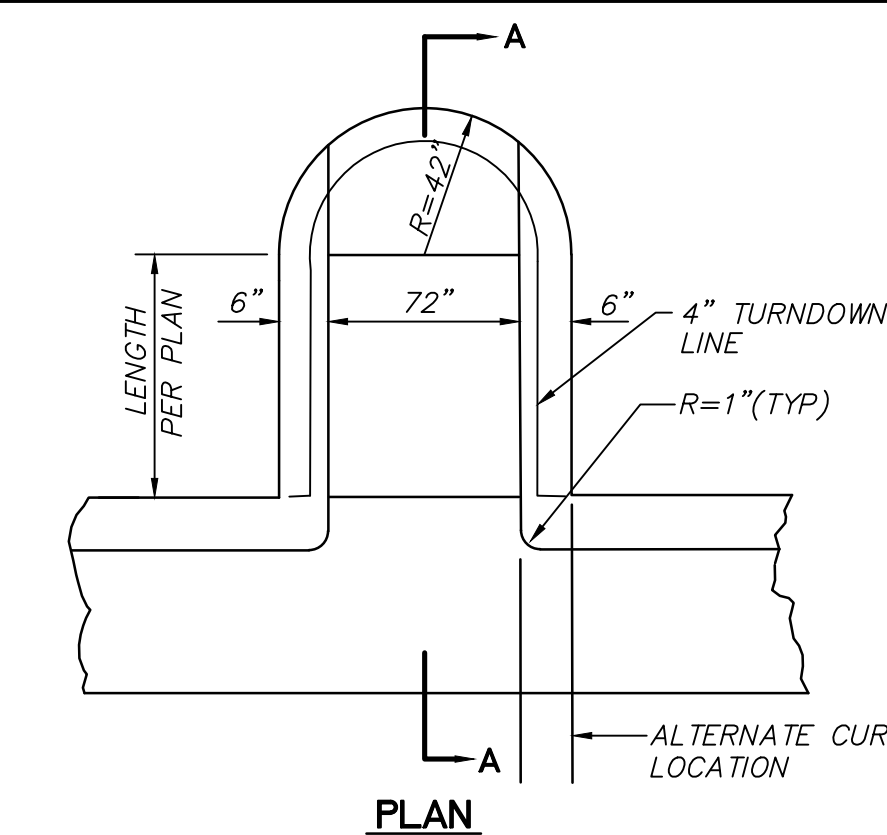
DES. **ASR** DRN. **ANM** CKD **DRO** JOB NO. **2305-03**

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 ASPHALTIC CONCRETE PAVEMENT (3" A.C. (TYPE 1/2 INCH) OVER 8" A.B.C.) OVER COMPACTED SUBGRADE.
6. MATCH EXISTING ELEVATION AND LOCATION.
7. STRAIGHT GRADE FROM 1" BELOW TOP OF SIDEWALK AT A MAXIMUM OF 5:1 SLOPE TO MATCH INTO EXISTING GRADE.
8. INSTALL 6" WIDE SIDEWALK SCUPPER (MAG STANDARD DETAIL NO. 206-1 AND 206-2).
9. INSTALL CONCRETE SPLASHPAD (SEE DETAIL ON THIS SHEET).
10. REMOVE AND RELOCATE EXISTING SIGN TO THE NEW LOCATIONS INDICATED. NEW POST AND BASE SHALL BE PER MAG STANDARD DETAIL NO. 131, TYPE 'C'. POT HOLE PRIOR TO CONSTRUCTION TO AVOID CONFLICTS WITH EXISTING UTILITIES.
11. INSTALL NEW 6' HIGH CHAIN LINK FENCE TO MATCH EXISTING.
12. INSTALL SALVAGED GATE WITH NEW POST AND BASE.
13. INSTALL NEW 6" X 6" LANDSCAPE CURB.
14. INSTALL 2" OF 1/4 INCH MINUS DECOMPOSED GRANITE. COLOR TO MATCH EXISTING. DG SHALL BE INSTALLED 1" BELOW TOP OF CURB.
15. INSTALL NEW FENCE PANEL TO MATCH EXISTING.
16. INSTALL ASPHALTIC CONCRETE PAVEMENT (2" A.C. (TYPE 1/2 INCH) OVER 6" A.B.C.) OVER COMPACTED SUBGRADE.
17. INSTALL "FIRE LANE - NO PARKING" SIGNS PER CITY OF PHOENIX FIRE CODE DETAILS.

ADJACENT WAYS COLOR LEGEND

- ON-SITE FIRE LANE ASPHALT
- ON-SITE FIRE LANE CURB/GUTTER



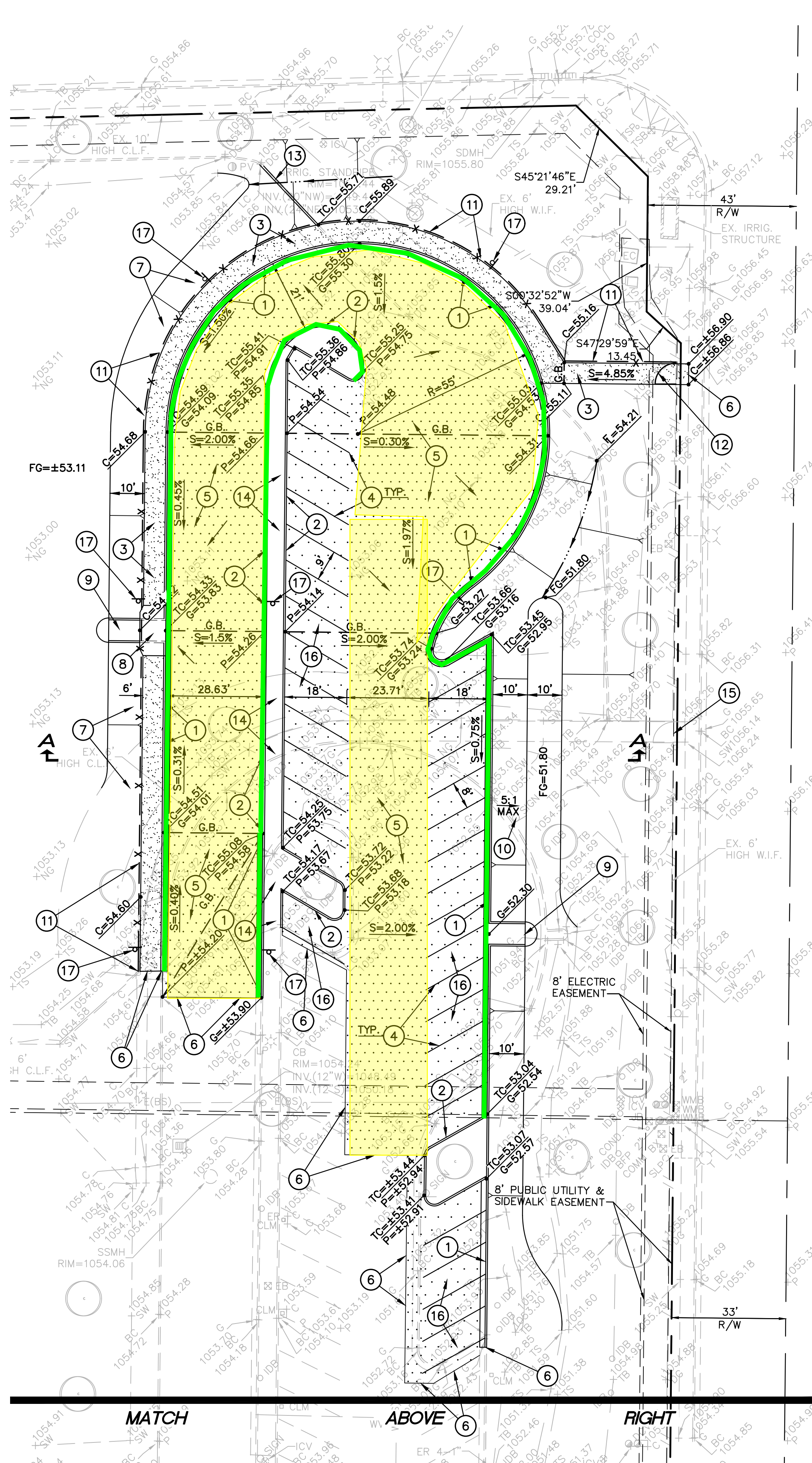
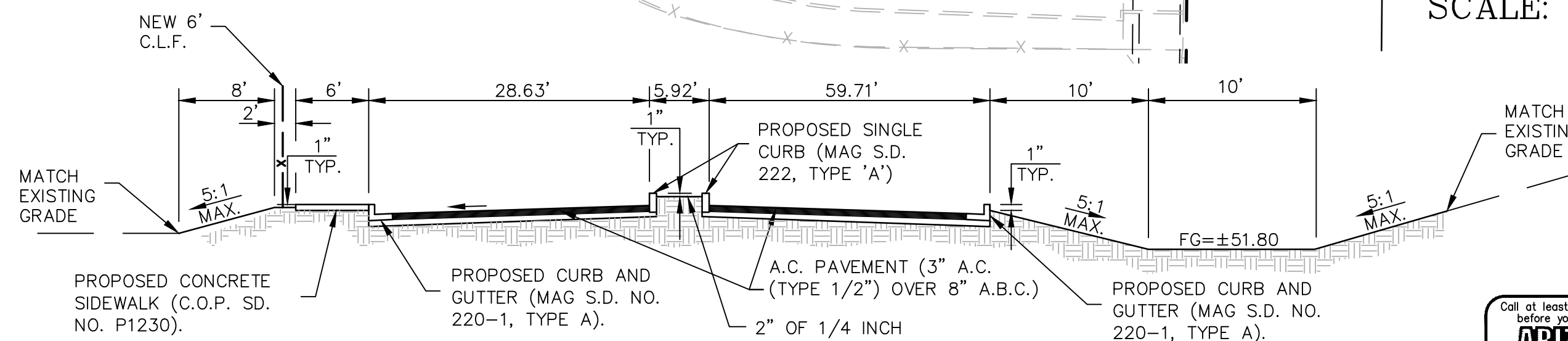
CONCRETE SPLASHPAD DETAIL NOT TO SCALE

| GRADING AND DRAINAGE PLAN | | | |
|--|----------|----|-----|
| CARTWRIGHT SCHOOL DISTRICT NO. 83 | | | |
| PARKING RENOVATIONS FOR RAUL H. CASTRO ACADEMY OF FINE ARTS | | | |
| DRAWING STATUS | SHEET | OF | |
| 100% CD SET | 3 | 3 | C-3 |
| DATE: | 06-09-23 | | |

0 4 8 20
2 6 10 40
SCALE: 1"=20'



SECTION A-A NOT TO SCALE



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