



Winters Well
Elementary School

S 351st Ave

S 351st Ave

S 352nd Ave

W Buckeye Rd

W Buckeye Rd

W Buckeye Rd

W Buckeye Rd

W Buckeye Rd

W Buckeye Rd

All scope of work to be
completed in adjacent ways.
No on site work.

Google

1224

MARICOPA COUNTY DEPARTMENT OF
TRANSPORTATION (MCDOT) GENERAL NOTES:

- ALL WORK SHALL CONFORM TO THE REVISED EDITION OF THE UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION PUBLISHED BY THE MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) AS AUTHORIZED AND MODIFIED BY THE MOST CURRENT MCDOT SUPPLEMENT TO THE MAG UNIFORM STANDARD SPECIFICATIONS AND DETAILS AND NON-CONFLICTING PROJECT SPECIAL PROVISIONS. ALL WORK MUST ALSO COMPLY WITH RESOLUTION 2001-01 MARICOPA COUNTY RESOLUTION FOR PERMITS TO WORK IN DEDICATED RIGHT-OF-WAY AND RESOLUTION 2001-02 MARICOPA COUNTY RESOLUTION FOR STREET IMPROVEMENTS, INSTALLATION OF UTILITIES AND TRAFFIC CONTROL. ANY EXCEPTIONS MUST RECEIVE EXPLICIT APPROVAL FROM MCDOT AND SHALL BE IDENTIFIED ON THE PLANS AS HAVING EXPLICIT APPROVAL FROM MCDOT. ALL CLEAR ZONE HAZARDS SHALL BE MITIGATED IN A MANOR APPROVED BY MCDOT AT NO COST TO THE COUNTY.
- THE ENGINEERING DESIGNS ON THESE PLANS ARE ONLY APPROVED BY MCDOT IN CONCEPT AND NOT IN DETAIL. CONSTRUCTION QUANTITIES ON THESE PLANS ARE NOT VERIFIED BY MCDOT. APPROVAL OF THESE PLANS ARE FOR PERMIT PURPOSES ONLY AND SHALL NOT PREVENT MCDOT FROM REQUIRING CORRECTION OF ERRORS IN THE PLANS WHERE SUCH ERRORS ARE SUBSEQUENTLY FOUND TO BE IN VIOLATION OF ANY LAW, ORDINANCE, HEALTH, SAFETY, THE MCDOT ROADWAY DESIGN MANUAL, OR OTHER DESIGN ISSUES.
- AN APPROVED SET OF PLANS SHALL BE ON THE SITE DURING CONSTRUCTION AND AVAILABLE TO MCDOT AND OTHER INSPECTORS.
- ALL BOX CULVERTS CONSTRUCTED IN THE PUBLIC RIGHT-OF-WAY SHALL COMPLY WITH ARIZONA DEPARTMENT OF TRANSPORTATION (ADOT) LATEST DESIGN SPECIFICATIONS AND STANDARDS. MINIMUM CLEAR HEIGHT OF BOX CULVERT SHALL BE 4 FEET.
- CONTRACTOR TO OBTAIN MCDOT PERMITS PRIOR TO CONSTRUCTION WITHIN COUNTY RIGHT-OF-WAY, AND ALL NECESSARY PERMITS FROM OTHER AGENCIES AND FROM LOCAL GOVERNMENTS FOR WORK WITHIN THEIR JURISDICTION.
- CONTRACTOR SHALL NOTIFY THE MCDOT INSPECTION DEPT. AT LEAST 24 HOURS IN ADVANCE OF ANY CONSTRUCTION AT (602) 506-8606.
- CONTRACTOR PERFORMING CONSTRUCTION OR EXCAVATING OPERATIONS IS RESPONSIBLE FOR LOCATING AND RELOCATING ALL UTILITIES IN CONFLICT AT NO EXPENSE TO MARICOPA COUNTY. THE CONTRACTOR SHALL CONTACT "BLUE STAKE" AT (602) 263-1100 PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY REQUIRED PERMITS FOR EARTH MOVING FROM MARICOPA COUNTY AIR QUALITY DEPARTMENTS DUST COMPLIANCE DIVISION (602) 506-6010 PRIOR TO CONDUCTING EXCAVATION OPERATIONS. A COPY OF THE PERMIT AND DUST CONTROL PLAN SHALL BE SUBMITTED TO THE COUNTY ENGINEER PRIOR TO COMMENCEMENT OF ANY EARTHMOVING ACTIVITIES.
- PRIOR TO CONDUCTING EXCAVATION OPERATIONS, THE CONTRACTOR SHALL OBTAIN FROM THE ARIZONA STATE HISTORICAL PRESERVATION OFFICER (602) 542-4009, RECOMMENDATIONS REGARDING THE NEED FOR CULTURAL RESOURCES (ARCHAEOLOGICAL) CLEARANCE. ALL DISCOVERIES OF HUMAN REMAINS, CULTURAL ARTIFACTS, OR PALEONTOLOGICAL REMAINS SHALL BE REPORTED TO THE ARIZONA STATE MUSEUM AND MCDOT. UPON DISCOVERY, CONTRACTOR SHALL CEASE OPERATIONS IN THE VICINITY OF THE FIND AND PROTECT THE DISCOVERY AREA FROM FURTHER DISTURBANCE UNTIL THE FIND CAN BE PROFESSIONALLY INVESTIGATED BY THE ARIZONA STATE MUSEUM AND MCDOT.
- EXCEPT UNDER EMERGENCY CONDITIONS, ROADS SHALL NOT BE CLOSED FOR CONSTRUCTION ACTIVITY UNLESS PRIOR APPROVAL IS OBTAINED FROM THE MCDOT TRANSPORTATION DIRECTOR OR HIS REPRESENTATIVE.
- PRIOR TO MOVING OR DESTROYING PROTECTED NATIVE PLANT SPECIES, THE CONTRACTOR SHALL FILE A FORMAL NOTICE OF INTENT WITH THE ARIZONA DEPARTMENT OF AGRICULTURE NATIVE PLANTS (602) 542-6408.
- PRIOR TO INSTALLATION OF CURB, GUTTER, SIDEWALK, BASE COURSE AND WEARING SURFACE, SUBMIT SOIL TEST(S) OF SUBGRADE AND REVISED PAVEMENT DESIGN/CALCULATIONS TO MCDOT FOR REVIEW AND APPROVAL. IF SUBGRADE STABILIZATION IS REQUIRED, THE AREA STABILIZED SHALL BE FROM BACK OF SIDEWALK TO BACK OF SIDEWALK AND MATCH THE STABILIZATION DEPTH OF THE PAVEMENT STRUCTURE.
- ASPHALT MIX DESIGN SHALL BE SUBMITTED TO MCDOT A MINIMUM OF 48 HOURS PRIOR TO PLACING ANY ASPHALT COURSES. (TRENCH WORK EXCLUDED.) ALL PAVED TURNOUTS SHALL HAVE THE SAME ASPHALT AND BASE REQUIREMENTS AS THE ADJACENT ROADWAY UNLESS NOTED OTHERWISE.
- ALL COMPACTION AND BACKFILL WITHIN COUNTY RIGHT-OF-WAY SHALL CONFORM TO THE MCDOT SUPPLEMENT TO MAG SPECIFICATION SECTION 601. BACKFILL UNDER EXISTING PAVEMENT, CURB AND GUTTER, ROADWAY SHOULDERS, AND UNPAVED ROADWAYS SHALL CONSIST OF ONE-HALF (1/2) OR ONE SACK C.O.M. UNPAVED ROADWAY AREAS INCLUDE THE TRAVELLED WAY PLUS FIVE FEET BEYOND THE TRAVELLED WAY.
- ALL STRUCTURES, SUCH AS MANHOLES, VALVE BOX & COVERS, AND MONITORING WELLS MUST BE MARKED WITH AT LEAST TWO REFLECTIVE YELLOW FLEX POSTS WHEN STRUCTURES ARE LOCATED OUTSIDE THE TRAVELED WAY AND WITHIN THE RIGHT-OF-WAY. (APPLIES ONLY WHEN THERE IS NO CURB.)
- PAVEMENT WIDENING AND PAVEMENT REPLACEMENT SHALL CONFORM TO REQUIREMENTS OF SPECIFICATION SECTION 336. PAVEMENT CUTS SHALL NOT BE LOCATED WITHIN A LANE WHEEL PATH. THE LANE WHEEL PATH IS THE ENTIRE LANE WIDTH EXCEPT THE AREA WITHIN ONE FOOT OF A LANE LINE STRIPE AND EXCEPT THE CENTER TWO FEET OF THE TRAVEL LANE.

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.

AZ PUBLIC SERVICE- MAIN STATE OFFICE	APS LOCATE DEPT. CO. REPRESENTATIVE CONTACTED	6/8/21 DATE SUBMITTED
CTLQL - CENTURYLINK	COAXIAL FIBER OPTICS CO. REPRESENTATIVE CONTACTED	6/8/21 DATE SUBMITTED
GLOBAL WATER/WATER UTIL. OF GREATER TONOPAH, INC.	MARK DUHAMELL CO. REPRESENTATIVE CONTACTED	6/8/21 DATE SUBMITTED

OFFSITE PAVING PLANS

FOR

WINTERS' WELL ELEMENTARY SCHOOL

SITE ADDRESS: 35220 W. BUCKEYE ROAD
TONOPAH, ARIZONA 85354

FOR

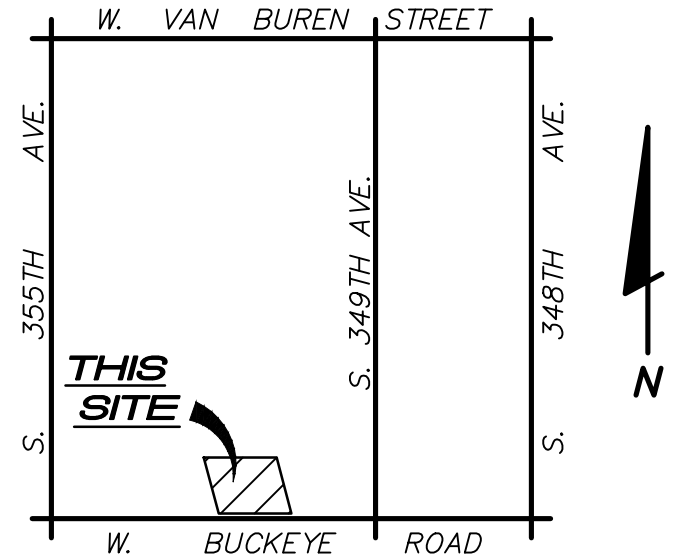
SADDLE MOUNTAIN UNIFIED SCHOOL DISTRICT #90

38201 WEST INDIAN SCHOOL ROAD
TONOPAH, ARIZONA 85354
PHONE: (623) 474-5100

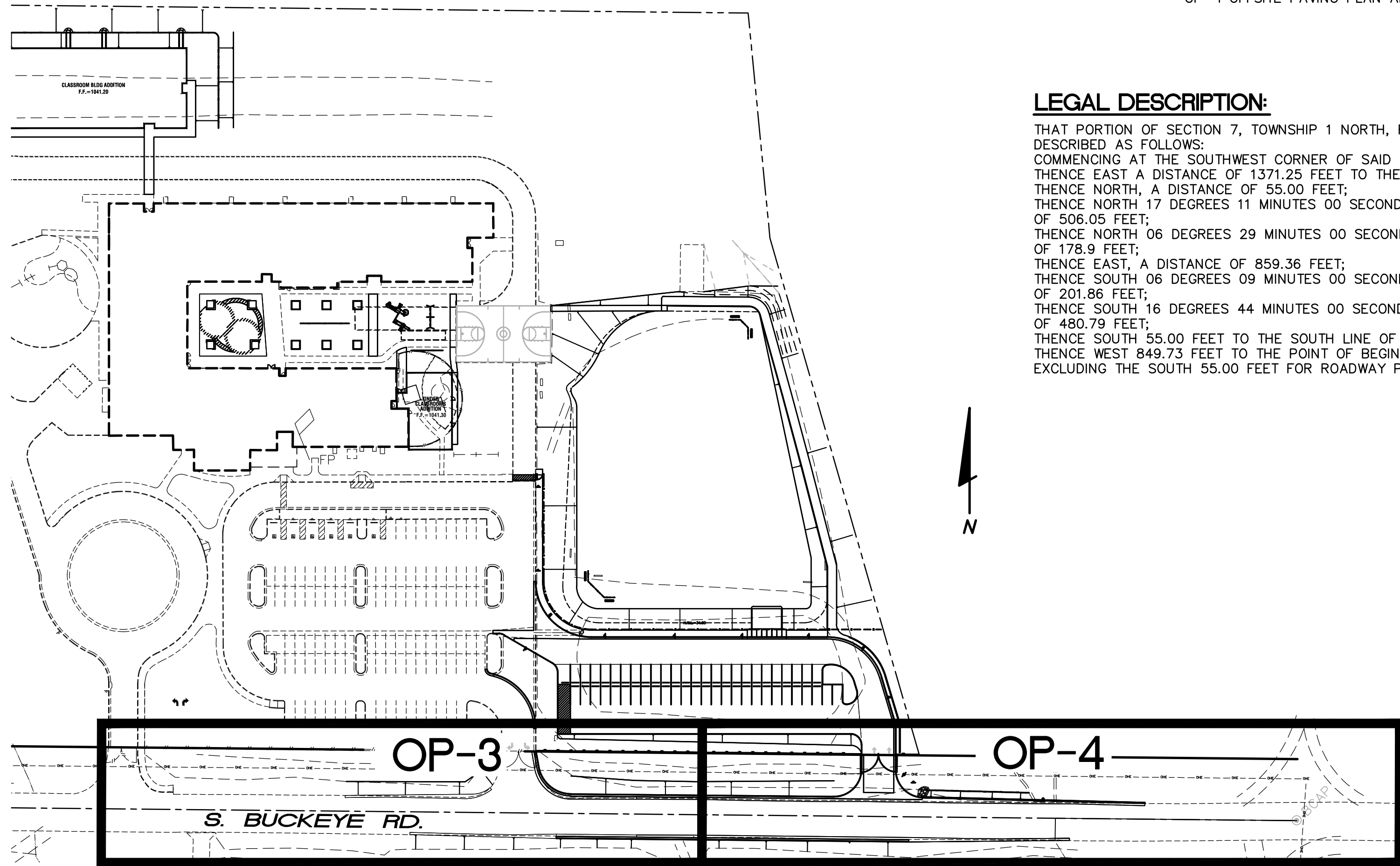
- ALL EXISTING PAVEMENT MARKINGS, TRAFFIC SIGNS AND SIGNAL EQUIPMENT THAT NEED TO BE REMOVED, REPLACED, RELOCATED OR REPAIRED BECAUSE OF CONTRACTOR'S WORK WILL BE DONE BY THE CONTRACTOR AT HIS EXPENSE. ALL SALVAGED SIGNS SHALL BE DELIVERED TO THE TRAFFIC OPS BUILDING AT 2909 W. DURANGO ST. ARRANGEMENTS CAN BE MADE FOR DELIVERY BY CALLING (602) 506-8662. ALL NEW STREET NAME SIGNS SHALL BE PROVIDED AND INSTALLED BY PERMITTEE AT NO EXPENSE TO MARICOPA COUNTY.
- PAVEMENT MARKING, SIGNING AND SIGNAL WORK WILL BE INSPECTED AND SHALL MEET COUNTY STANDARDS BEFORE RELEASE OF BOND.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY TO A CONDITION EQUAL TO OR BETTER THAN PRIOR EXISTING CONDITIONS PER MAG 107.9. DISPOSAL OF ALL WASTE MATERIAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

ASSESSOR'S PARCEL NO.

504-12-164



VICINITY MAP
NOT TO SCALE



SHEET INDEX MAP
NOT TO SCALE

TOPOGRAPHIC SURVEY DATE:

DATE OF TOPOGRAPHIC SURVEY SHOWN ON
THE PLANS IS FEBRUARY 13, 2020 AND
JANUARY, 18, 2021.

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 MARICOPA COUNTY 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.

FLOODPLAN MAP INFORMATION:

COMMUNITY NUMBER	PANEL NUMBER AND DATE	SUFFIX	DATE OF FIRM (INDEX DATE)	SHADED ZONE	BASE FLOOD ELEVATION (IN AO ZONE, USE DEPTH)
040037	2070	M	11-04-2015	X	N/A
	11-04-2015				

ESTIMATED OFFSITE MARICOPA COUNTY QUANTITIES:

1.	FORD CROSSING CUT-OFF WALL	202 LF
2.	A.C. PAVEMENT REMOVAL	240 SY
3.	A.C. PAVEMENT	300 SY
4.	THICKENED PAVEMENT EDGE	407 LF
5.	ANGULAR RIP-RAP	110 SF
6.	CONCRETE VALLEY GUTTER	228 SF
7.	CONCRETE VERTICAL CURB AND GUTTER	710 LF

NOTE:

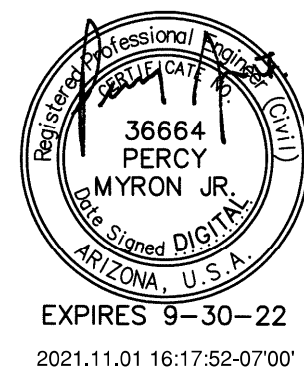
QUANTITIES ARE FOR PERMIT PURPOSES ONLY. CONTRACTOR TO VERIFY THEIR OWN QUANTITIES.

BENCH MARK:

MARICOPA COUNTY POINT ID 4740. FOUND 2" ALUMINUM CAP STAMPED "1N R5W 1/4 S8 S17 2003 RLS36563" AT THE NORTH QUARTER CORNER OF SECTION 18, TOWNSHIP 1 NORTH, RANGE 5 WEST OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA.

ELEVATION=1024.693

(NAVD88 DATUM)



CIVIL ENGINEER:

HESS-ROUNTREE INC.
9831 S. 51st ST. STE. C110
PHOENIX, AZ 85044
PHONE: (480) 496-0244
FAX: (480) 496-0094
CONTACT: DOUG OSBORN
EMAIL: DOUG@HESSROUNTREE.COM

OWNER:

SADDLE MOUNTAIN UNIFIED SCHOOL
DISTRICT NO. 90
38201 W. INDIAN SCHOOL ROAD
TONOPAH, ARIZONA 85354
PHONE: (623) 474-5600
FAX: (623) 474-5610
CONTACT: ANGEL TELLEZ
EMAIL: ANGEL.TELLEZ@SMUSD90.ORG

ARCHITECT:

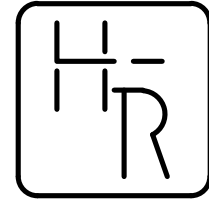
ORCUTT I WINSLOW
2929 N. CENTRAL AVENUE., 11TH FLOOR
PHOENIX, ARIZONA 85012
PHONE: (602) 257-1764
FAX: (602) 257-9029
CONTACT: BIBY CARBONNEAU
EMAIL: CAR.E@OWP.COM

SHEET INDEX:

OP-1 COVER SHEET
OP-2 NOTES AND CROSS-SECTION
OP-3 OFFSITE PAVING PLAN AND PROFILE
OP-4 OFFSITE PAVING PLAN AND PROFILE

LEGAL DESCRIPTION:

THAT PORTION OF SECTION 7, TOWNSHIP 1 NORTH, RANGE 5 WEST DESCRIBED AS FOLLOWS:
COMMENCING AT THE SOUTHWEST CORNER OF SAID SECTION;
THENCE EAST A DISTANCE OF 1371.25 FEET TO THE POINT OF BEGINNING;
THENCE NORTH, A DISTANCE OF 55.00 FEET;
THENCE NORTH 17 DEGREES 11 MINUTES 00 SECONDS WEST, A DISTANCE OF 506.05 FEET;
THENCE NORTH 06 DEGREES 29 MINUTES 00 SECONDS WEST, A DISTANCE OF 178.9 FEET;
THENCE EAST, A DISTANCE OF 859.36 FEET;
THENCE SOUTH 06 DEGREES 09 MINUTES 00 SECONDS EAST, A DISTANCE OF 201.86 FEET;
THENCE SOUTH 16 DEGREES 44 MINUTES 00 SECONDS EAST, A DISTANCE OF 480.79 FEET;
THENCE SOUTH 55.00 FEET TO THE SOUTH LINE OF SAID SECTION;
THENCE WEST 849.73 FEET TO THE POINT OF BEGINNING,
EXCLUDING THE SOUTH 55.00 FEET FOR ROADWAY PURPOSES.



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

DES: **DRO** DRN: **JCW** CKD: **DRO** JOB NO. **1912-09**

GENERAL NOTES (MARICOPA COUNTY):

- REFERENCE MARICOPA COUNTY PERMIT AND ADDENDUMS FOR ADDITIONAL CONDITIONS.
- ANY WORK PERFORMED WITHOUT APPROVAL OF THE APPLICABLE COUNTY DEPARTMENT OR AFFECTED UTILITY COMPANY AND/OR ALL WORK AND MATERIAL NOT IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE OWNER'S EXPENSE.
- THE ISSUANCE OF ANY CONSTRUCTION PERMIT SHALL NOT RELIEVE THE OWNER OR OWNER'S AGENT FROM COMPLIANCE WITH ALL OTHER GOVERNMENTAL REGULATIONS AND ORDINANCES INCLUDING BUT NOT LIMITED TO ZONING & BUILDING REQUIREMENTS.
- AS SPECIFIED IN THE PERMIT CONDITIONS, CONTACT MARICOPA COUNTY TO SCHEDULE AN IN-PROGRESS INSPECTION FOR ALL HEADWALLS, CUT OFF WALLS, AND WEIRS AFTER EXCAVATION AND FORM PLACEMENT BUT PRIOR TO PLACEMENT OF ANY MATERIAL.
- AS SPECIFIED IN THE PERMIT CONDITIONS, CONTACT MARICOPA COUNTY TO SCHEDULE AN IN-PROGRESS INSPECTION FOR ALL GABION MATTRESSES, RIP-RAP, FILTER FABRIC, AND/OR GRAVEL UNDERLAYMENT AFTER EXCAVATION BUT PRIOR TO PLACEMENT OF ANY MATERIAL.
- AS SPECIFIED IN THE PERMIT CONDITIONS, CONTACT MARICOPA COUNTY TO SCHEDULE AN IN-PROGRESS INSPECTION FOR ALL RETAINING WALLS AFTER EXCAVATION BUT PRIOR TO PLACEMENT OF CONCRETE, BLOCK, OR OTHER RETAINING WALL MATERIAL.
- ADDITIONAL INSPECTIONS AND/OR RE-INSPECTIONS SHALL BE ASSESSED ADDITIONAL FEES IN CONFORMANCE WITH ADOPTED FEE SCHEDULES.
- RIP-RAP AREAS SHALL BE OVER-EXCAVATED SUCH THAT TOP OF RIP-RAP WILL MEET ADJACENT GRADE.
- CERTIFIED AS-BUILT PLANS, PREPARED IN CONFORMANCE WITH MARICOPA COUNTY AS-BUILT SUBMITTAL REQUIREMENTS, SHALL BE SUBMITTED TO MARICOPA COUNTY FOR APPROVAL PRIOR TO FINAL DRAINAGE CLEARANCE.
- PRIOR TO FINAL DRAINAGE CLEARANCE EACH RETENTION BASIN WITH DEPTHS GREATER THAN 1-FOOT OR AS DETERMINED BY MARICOPA COUNTY SHALL BE TESTED PER THE DRAINAGE POLICIES AND STANDARDS FOR MARICOPA COUNTY STANDARD 6.10.12. THE TEST RESULTS, BORING LOGS, AND REVISED DRAIN-DOWN TIME CALCULATIONS. DEMONSTRATING THAT ALL RETENTION BASINS DRAIN WITHIN 36-HOURS, SIGNED AND SEALED BY AN ARIZONA REGISTERED PROFESSIONAL ENGINEER, SHALL BE SUBMITTED FOR APPROVAL WITH THE AS-BUILT PLAN DOCUMENTATION. SOIL INFILTRATION TESTING OBTAINED DURING DESIGN PHASE ARE ACCEPTABLE.
- ALL DRYWELL PERCOLATION RATES SHALL BE DE-RATED IN ACCORDANCE WITH MARICOPA COUNTY STANDARD 6.10.13. THE DRYWELL TEST RESULTS, BORING LOGS, PROOF OF DRYWELL REGISTRATION, AND REVISED DRAIN-DOWN CALCULATIONS SEALED BY AN ARIZONA REGISTERED PROFESSIONAL ENGINEER DEMONSTRATING THAT ALL RETENTION BASINS DRAIN WITHIN 36-HOURS SHALL BE SUBMITTED FOR APPROVAL WITH THE AS-BUILT PLAN DOCUMENTATION.
- REQUIRED DRAINAGE OPENINGS FOR CMU WALLS SHALL BE AS PER THE APPROVED PLAN DETAIL. IF NO DETAIL IS SHOWN, PROVIDE NON-DECORATIVE TURNED BLOCK. EVERY OTHER BLOCK AT GRADE. IF TWO BLOCKS NEXT TO EACH OTHER ARE NOT TURNED, TWO TURNED BLOCKS NEXT TO EACH OTHER SHALL THEN FOLLOW.
- SHOULD ANY PROPOSED DEVELOPMENT REQUIRE CLARIFICATION AS DETERMINED BY MARICOPA COUNTY, A PLAN ADDENDUM SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER SHALL BE SUBMITTED FOR APPROVAL. SUBMITTAL OF AN ADDENDUM MAY REQUIRE FORMAL PLAN MODIFICATION AS DEEMED BY MARICOPA COUNTY.
- ALL CONSTRUCTION FILL SHALL MEET OR EXCEED MAG SPECIFICATION 211.
- ALL CONSTRUCTION SHALL MEET OR EXCEED CURRENT MAG SPECIFICATIONS AND STANDARDS.
- AN APPROVED SET OF PLANS SHALL BE MAINTAINED ON THE JOB SITE AT ALL TIMES PERMIT IS ACTIVE.
- OMISSIONS OR CONFLICTS BETWEEN VARIOUS ELEMENTS OF THE DRAWINGS, NOTES, AND DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD AND RESOLVED WITH MARICOPA COUNTY PRIOR TO PROCEEDING WITH THE WORK.
- CONTACT BLUE STAKE AT 602-263-1100 A MINIMUM OF 2-DAYS PRIOR TO CONSTRUCTION.

COVER SHEET

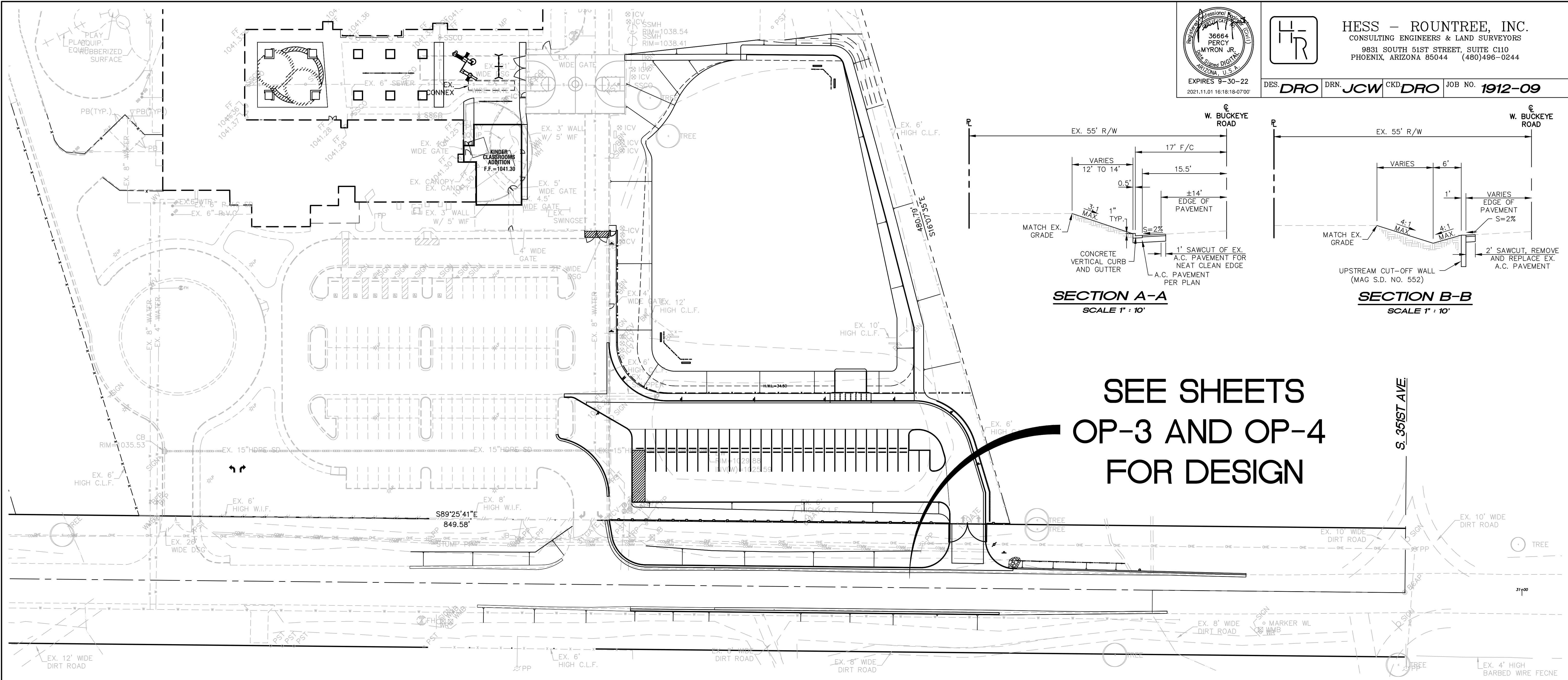
SADDLE MOUNTAIN UNIFIED SCHOOL DISTRICT NO. 90

ADDITIONS AND RENOVATIONS AT
WINTERS' WELL ELEMENTARY SCHOOL

DRAWING STATUS	SHEET	OF	OP-1
2ND COUNTY SUBMITTAL SET			
DATE: 11-01-21	1	4	

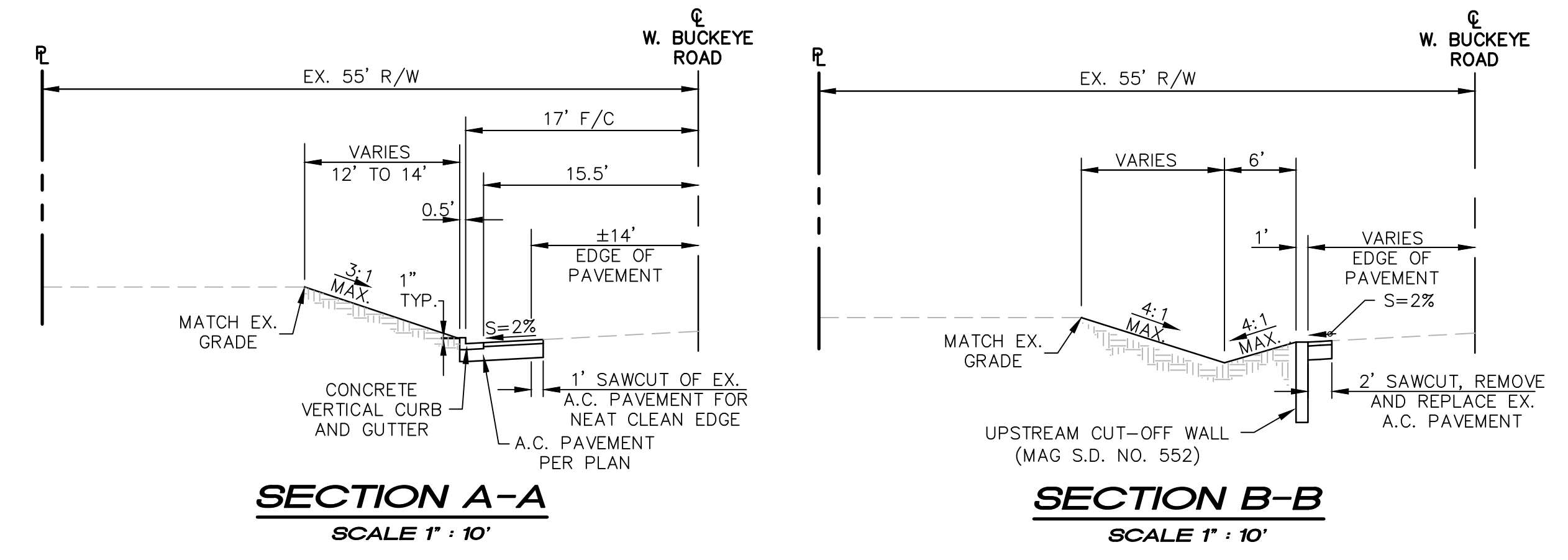


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PHOENIX, ARIZONA 85044 (480)496-0244

DES. DRO	DRN. JCW	CKD DRO	JOB NO. 1912-09
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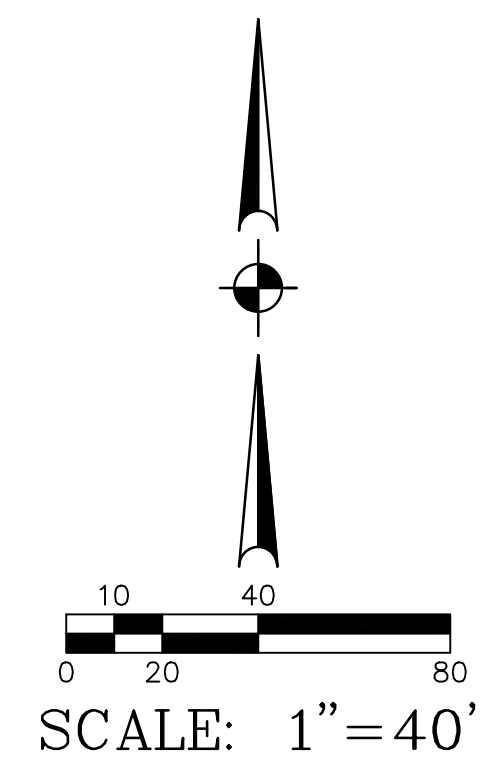
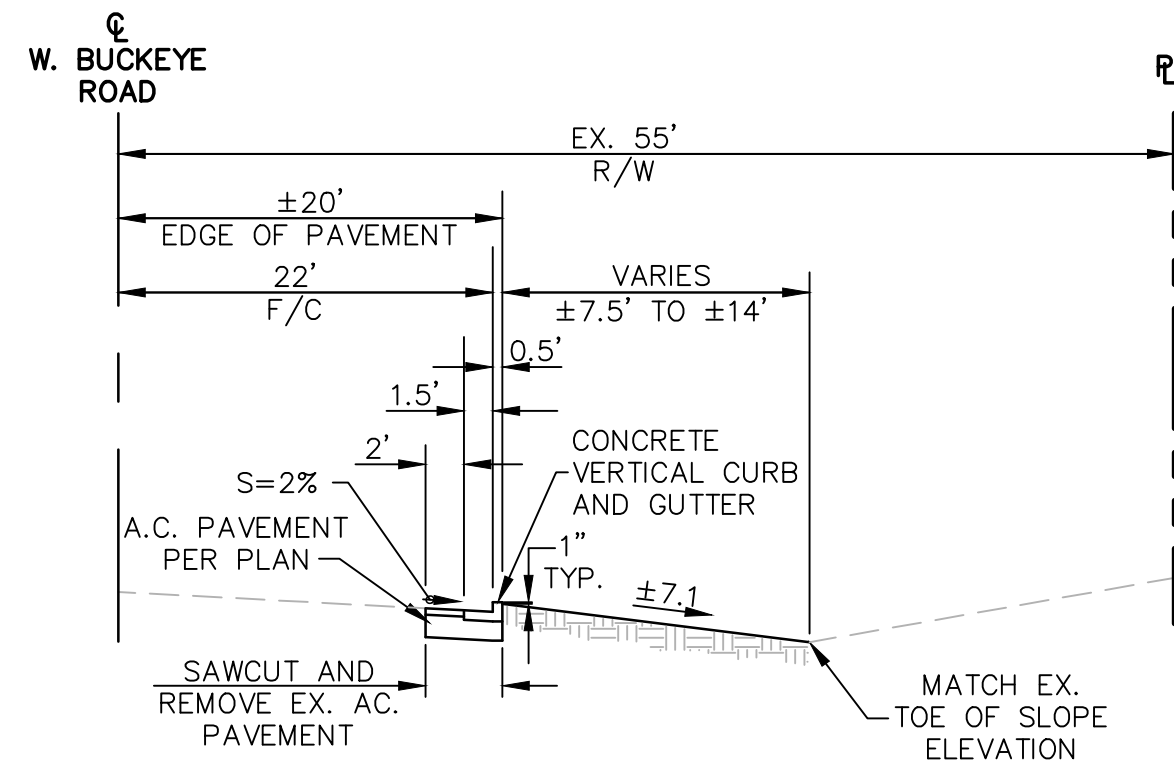


SEE SHEETS
OP-3 AND OP-4
FOR DESIGN

SITE PLAN

DESIGN CIVIL ENGINEER'S NOTES:

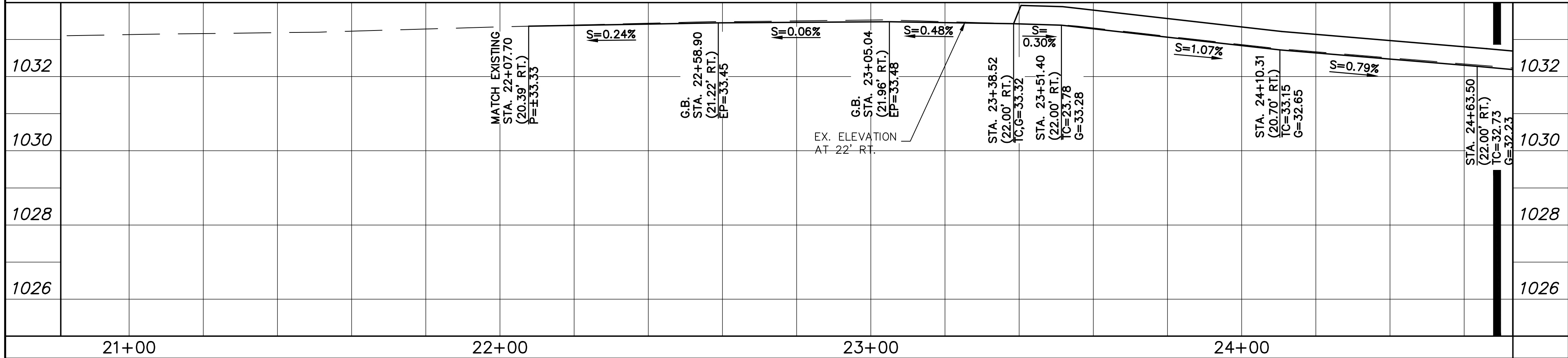
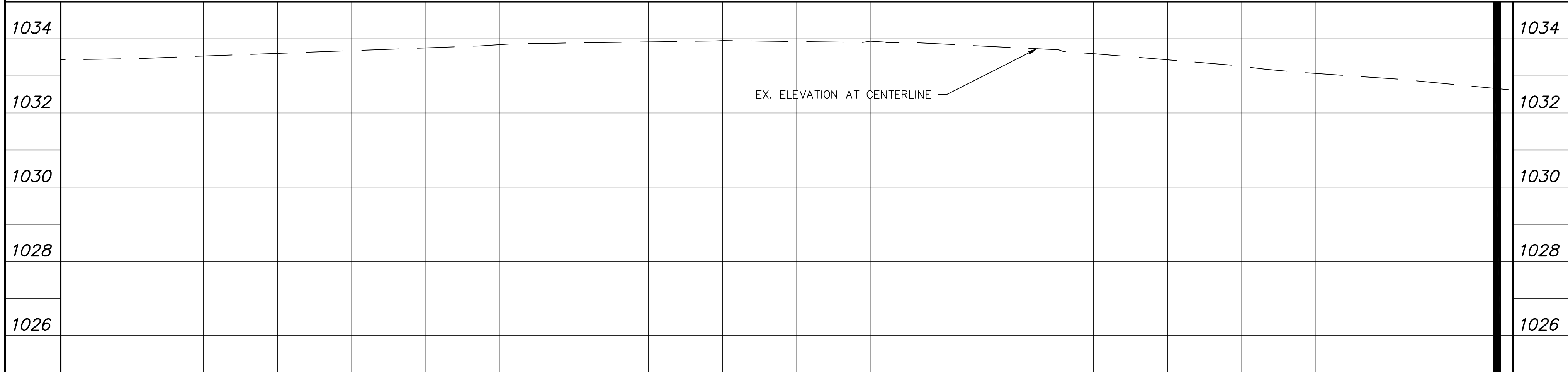
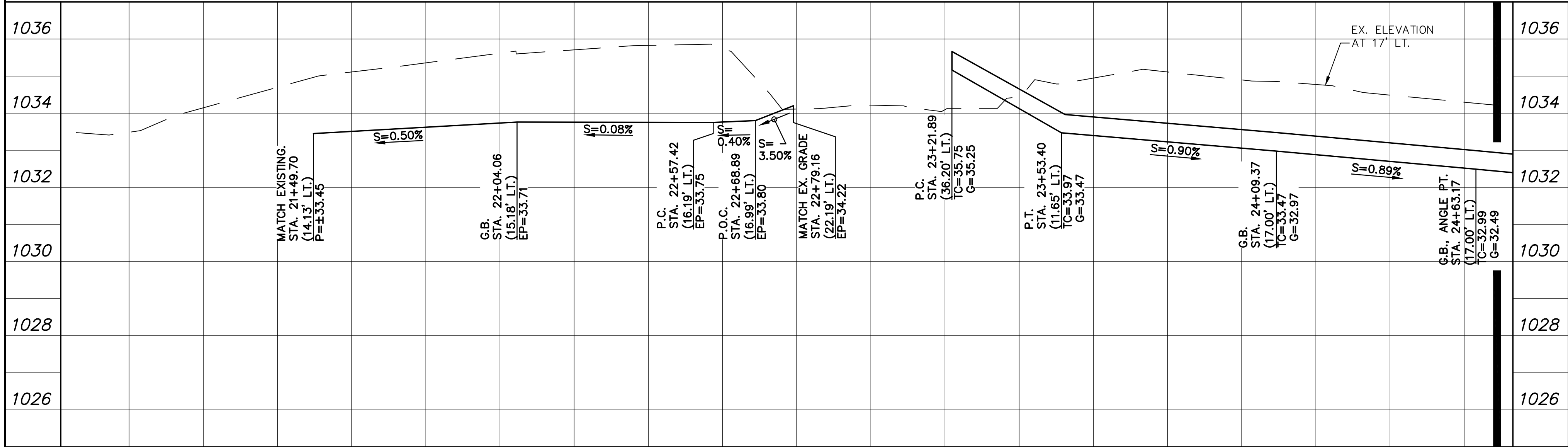
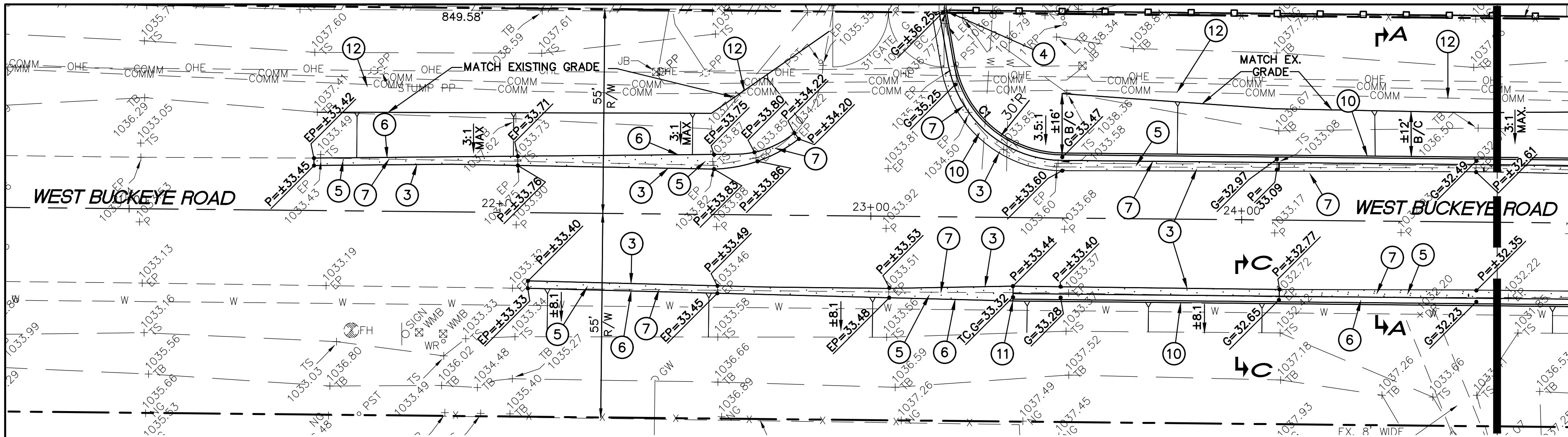
1. NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE DESIGN CIVIL ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
2. THE DESIGN CIVIL ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. ANY IMPROVEMENTS DAMAGED OR REPLACED DURING CONSTRUCTION SHALL BE REPLACED WITH IMPROVEMENTS THAT MEET THE CURRENT CITY STANDARDS.
10. RESTORE ANY PUBLIC OR PRIVATE LANDSCAPING DISTURBED TO ORIGINAL OR BETTER CONDITION.
11. ALL NEW 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.



NOTES AND CROSS-SECTIONS SHEET			
SADDLE MOUNTAIN UNIFIED SCHOOL DISTRICT NO. 90			
ADDITIONS AND RENOVATIONS AT WINTERS' WELL ELEMENTARY SCHOOL			
DRAWING STATUS	SHEET	OF	OP-2
2ND COUNTY SUBMITTAL SET	2	4	
DATE: 11-01-21			

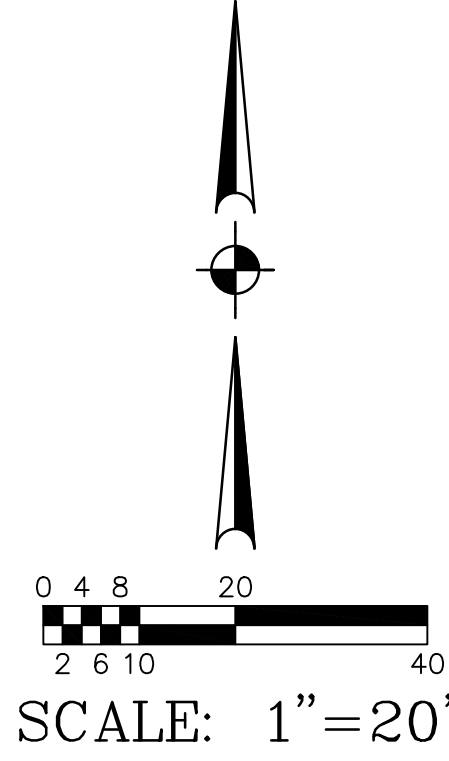


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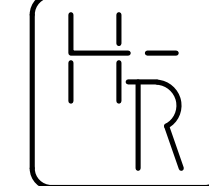
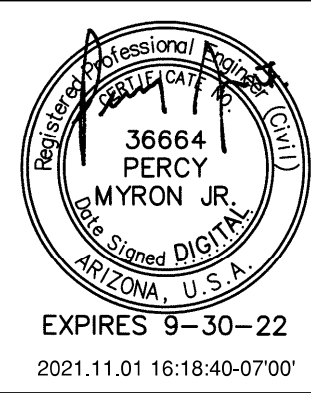
1. CONSTRUCT UPSTREAM FORD CROSSING CUT-OFF WALL (MAG STANDARD DETAIL NO. 552).
2. SAWCUT AND REMOVE 1' OF EXISTING A.C. PAVEMENT AS REQUIRED FOR NEW CONSTRUCTION.
3. MATCH EXISTING A.C. PAVEMENT ELEVATION AND LOCATION.
4. EXISTING CONCRETE VERTICAL CURB AND GUTTER TO REMAIN. PROTECT FROM DAMAGE.
5. INSTALL ASPHALTIC CONCRETE PAVEMENT (1-1/2" A.C. (R 12.5MM) OVER 3" A.C. (A 19.0 MM) ARTERIAL MIX OVER 10" A.B.C. OVER 10" COMPACTED SUBGRADE (95% COMPACTION)).
6. CONSTRUCT THICKENED CONCRETE PAVEMENT EDGE (PER MAG STANDARD DETAIL NO. 201, TYPE B).
7. SAWCUT AND REMOVE EXISTING A.C. PAVEMENT AS REQUIRED FOR NEW CONSTRUCTION. REMOVE ENOUGH TO PROVIDE A MINIMUM 2' WIDE PAVEMENT SECTION FROM FROM EDGE OF FORD CROSSING OR LIP OF GUTTER.
8. INSTALL ANGULAR RIP-RAP, 18" THICK D50=9".
9. CONSTRUCT CONCRETE VALLEY GUTTER AND APRON (MAG STANDARD DETAIL NO. 240).
10. INSTALL CONCRETE VERTICAL CURB AND GUTTER (MAG STANDARD DETAIL NO. 220-1, TYPE A).
11. CONSTRUCT CURB TERMINATION (MAG STANDARD DETAIL NO. 222).
12. EXISTING COMMUNICATION AND ELECTRICAL UTILITY LINES TO BE PROTECTED AND TO REMAIN IN PLACE. FIELD VERIFY ELEVATION AND LOCATION PRIOR TO CONSTRUCTION.
13. COORDINATE WITH COMMUNICATIONS UTILITY COMPANY ON THE RELOCATION OR LOWERING OF EXISTING COMMUNICATION LINES DUE TO NEW CONSTRUCTION.
14. COORDINATE WITH APS ON REMOVAL AND RELOCATION OF EXISTING POWER POLE WITH A NEW POWER POLE.
15. INSTALL FORD CROSSING DEPTH GUAGE (MAG STANDARD DETAIL NO. 552).
16. NEW POWER POLE LOCATION. COORDINATE WITH APS.

Curve Table			
Curve #	Length	Radius	Delta
C1	41.68'	30.00'	079.5941
C2	39.52'	25.00'	090.5722
C3	38.03'	25.00'	087.1530



OFFSITE PAVING CONSTRUCTION NOTES:

1. CONSTRUCT UPSTREAM FORD CROSSING CUT-OFF WALL (MAG STANDARD DETAIL NO. 552).
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9831 SOUTH 51ST STREET, SUITE C110
PHOENIX, ARIZONA 85044 (480)496-0244

DES. **DRO** DRN. **JCW** CKD **DRO** JOB NO. **1912-09**

OFFSITE PAVING PLAN AND PROFILE

SADDLE MOUNTAIN UNIFIED SCHOOL DISTRICT NO. 90

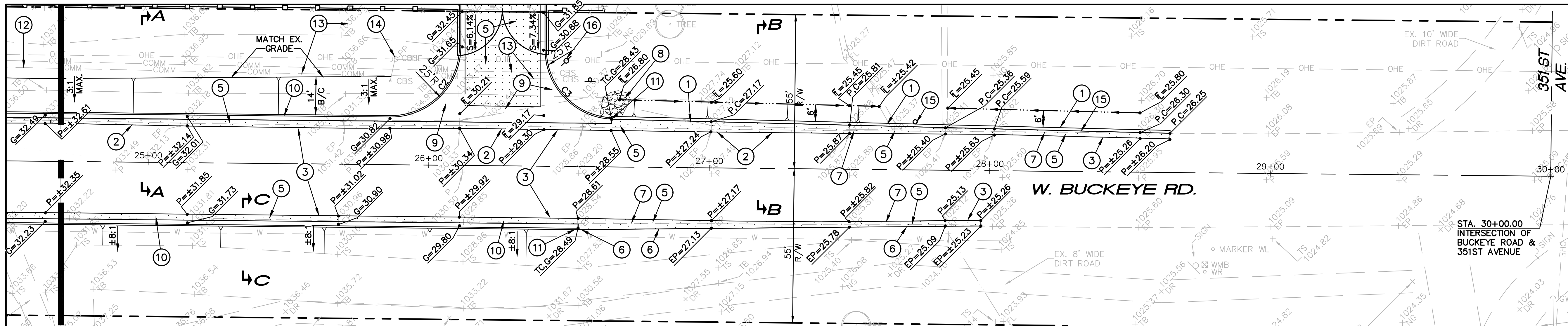
ADDITIONS AND RENOVATIONS AT WINTERS' WELL ELEMENTARY SCHOOL

DRAWING STATUS	SHEET	OF	OP-3
2ND COUNTY SUBMITTAL SET	3	4	
DATE: 11-01-21			

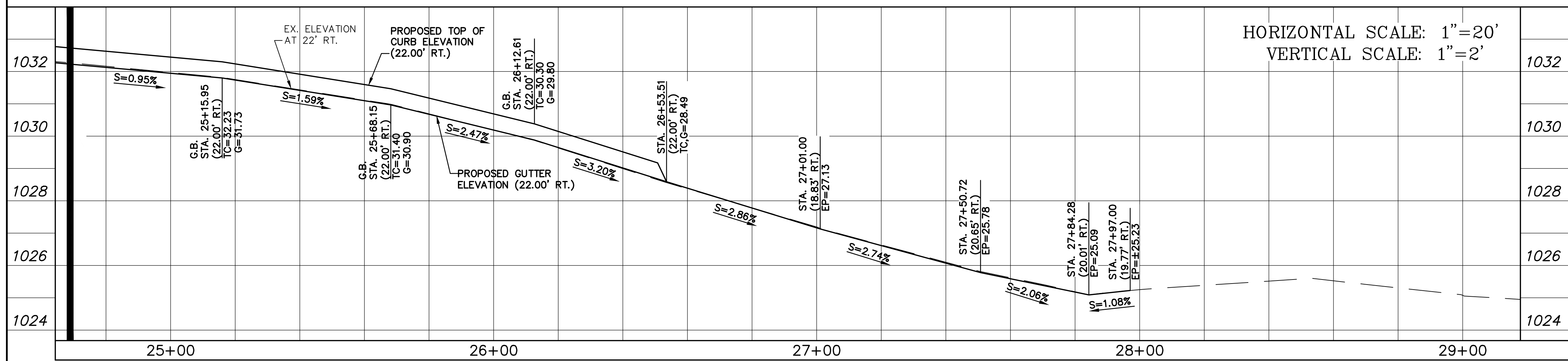
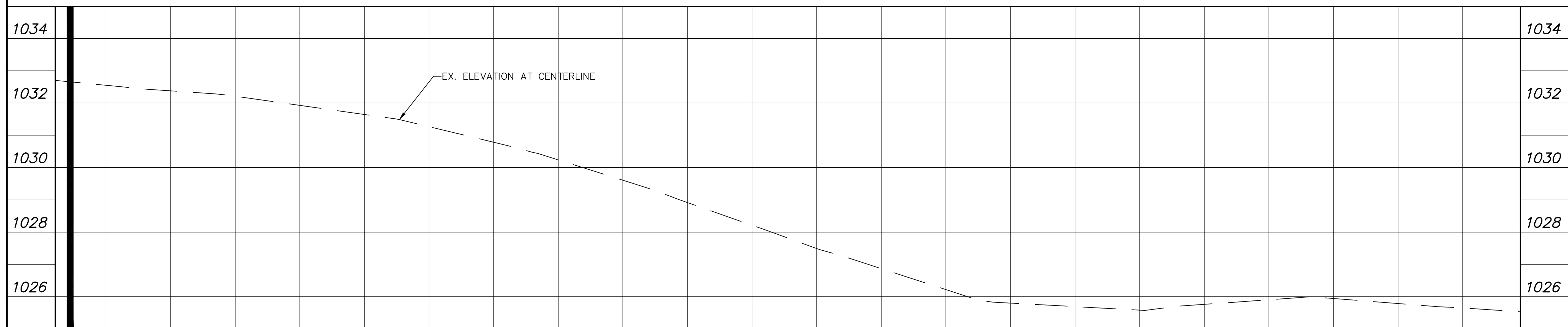
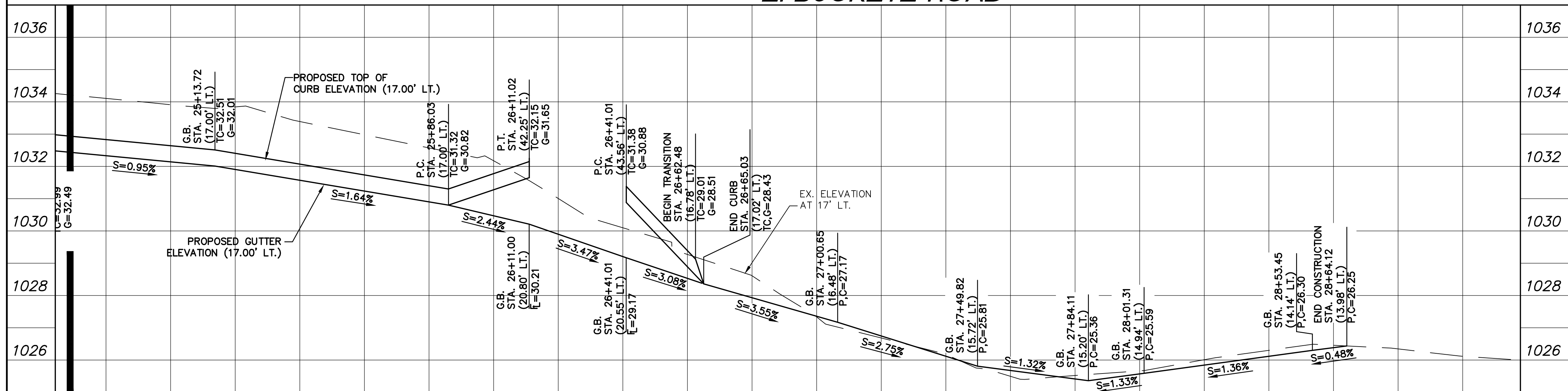
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VERTICAL SCALE: 1"=2'



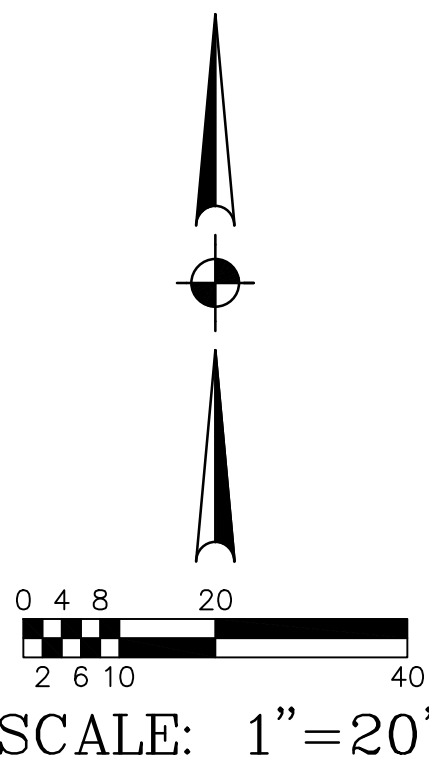
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E. BUCKEYE ROAD



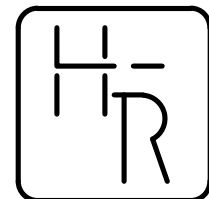
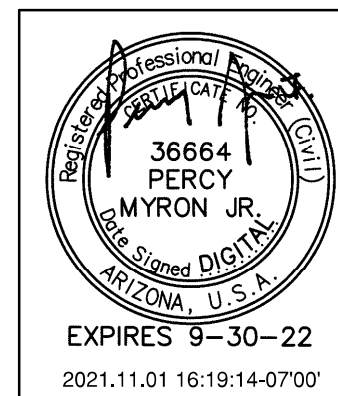
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OFFSITE PAVING PLAN AND PROFILE

SADDLE MOUNTAIN UNIFIED SCHOOL DISTRICT NO. 90

ADDITIONS AND RENOVATIONS AT
WINTERS' WELL ELEMENTARY SCHOOL

DRAWING STATUS	SHEET	OF	OP-4
2ND COUNTY SUBMITTAL SET	4	4	
DATE:	11-01-21		

