

Plotted By: tyler.schafer Date: 30-Apr-18-14:07
File: G:\Infrastructure \Site-Civil\Projects \2017\3720173018 ADM South Mountain HS - Bus Drop off\05-CADD\09-Sheets\3018 South Mountain HS Paving.dwg

■ CITY OF PHOENIX PAVING NOTES

1. COMPACTION SHALL COMPLY WITH M.A.G. SECTION 601.
2. CONSTRUCTION WITHIN THE RIGHT-OF-WAY SHALL CONFORM TO THE LATEST APPLICABLE MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) UNIFORM STANDARD SPECIFICATIONS AND DETAILS AND THE LATEST CITY OF PHOENIX SUPPLEMENTALS TO THE MAG UNIFORM STANDARD SPECIFICATIONS AND DETAILS.
3. THE ENGINEERING DESIGN ON THESE PLANS IS ONLY APPROVED BY THE CITY IN SCOPE AND NOT IN DETAIL.
CONSTRUCTION QUANTITIES ON THESE PLANS ARE NOT VERIFIED BY THE CITY. APPROVAL OF THESE PLANS ARE FOR PERMIT PURPOSES ONLY AND SHALL NOT PREVENT THE CITY FROM REQUIRING CORRECTION OF ERRORS IN THE PLANS WHERE SUCH ERRORS ARE SUBSEQUENTLY FOUND TO BE IN VIOLATION OF ANY LAW, ORDINANCE, HEALTH, SAFETY, OR OTHER DESIGN ISSUES. IN ADDITION, THE PROPERTY OWNER MUST DEDICATE STREETS IN ACCORDANCE WITH MINIMUM RIGHT-OF-WAY STANDARDS MAP (ORDINANCE NO. 437, LATEST AMENDMENT).
4. PLAN APPROVAL IS VALID FOR 180 DAYS. PRIOR TO PLAN APPROVAL EXPIRATION, ALL ASSOCIATED PERMITS SHALL BE PURCHASED OR THE PLANS SHALL BE RESUBMITTED FOR EXTENSION OF PLAN APPROVAL. THE EXPIRATION, EXTENSION, AND REINSTATEMENT OF CIVIL ENGINEERING PLANS AND PERMITS SHALL FOLLOW THE SAME GUIDELINES AS THOSE INDICATED IN THE PHOENIX BUILDING CONSTRUCTION CODE ADMINISTRATIVE PROVISIONS SECTION 105.3 FOR BUILDING PERMITS.
5. THE CITY OF PHOENIX PLANNING AND DEVELOPMENT CIVIL/SITE INSPECTION GROUP, 602-262-7811
VOICE OR 602-534-5500 TTY, SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY CONSTRUCTION WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
6. EXISTING OR NEWLY DAMAGED AND/OR DISPLACED CONCRETE CURB, GUTTER, SIDEWALK, OR DRIVEWAY SLAB THAT IS WITHIN THE RIGHT-OF-WAY SHALL BE REPAIRED OR REPLACED, AS NOTED BY CITY INSPECTORS, BEFORE FINAL ACCEPTANCE OF THE WORK.
7. ALL NEW OR RELOCATED UTILITIES SHALL BE PLACED UNDERGROUND.
8. THE ACTUAL POINT OF PAVEMENT MATCHING, AND/OR TERMINATION, SHALL BE DETERMINED IN THE FIELD BY THE CITY OF PHOENIX, PLANNING AND DEVELOPMENT DEPARTMENT CIVIL/SITE INSPECTOR.
9. AN APPROVED PAVING PLAN SHALL BE ON THE JOB SITE AT ALL TIMES. DEVIATIONS FROM THE PLAN MUST BE PRECEDED BY AN APPROVED PLAN REVISION.
10. OBSTRUCTIONS TO PROPOSED IMPROVEMENTS IN THE RIGHT-OF-WAY SHALL BE REMOVED OR RELOCATED BEFORE BEGINNING CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
11. ALL EXISTING CATCH BASINS MUST BE RE-LOCATED WHEN THEY ARE SHOWN IN A NEWLY PROPOSED DRIVEWAY.
12. CONSTRUCTION OF SURFACE IMPROVEMENTS SHALL NOT BEGIN UNTIL CONFLICTING UNDERGROUND UTILITY CONSTRUCTION IS COMPLETED AND SERVICE CONNECTIONS TO ALL PLATTED LOTS HAVE BEEN ADEQUATELY EXTENDED PAST THE RIGHT-OFWAY.
13. THE PERMIT HOLDER SHALL ARRANGE FOR THE RELOCATION AND RELOCATION COSTS OF ALL UTILITIES, INCLUDING ANY STREET LIGHTS, AND SUBMIT A UTILITY RELOCATION SCHEDULE PRIOR TO THE ISSUANCE OF A CONSTRUCTION PERMIT. RELOCATION OF WATER METERS SHALL BE DONE BY THE WATER SERVICES DEPARTMENT AFTER PAYMENT OF PREVAILING FEES. RELOCATION OF CITY FIRE HYDRANTS REQUIRE A SEPARATE PLAN REVIEW AND PERMIT AT THE DEVELOPER'S EXPENSE.
14. ALL FRAMES, COVERS, VALVE BOXES, AND MANHOLE COVERS SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO COMPLETION OF PAVING OR RELATED CONSTRUCTION. ADJUSTMENT OF EXISTING "TYPE A" OR "TYPE B" WATERLINE VALVE BOXES IN THE PARKWAY SHALL BE CONSIDERED INCIDENTAL TO PARKWAY GRADING. EXISTING "TYPE B" WATERLINE VALVE BOXES SHALL BE REPLACED WITH "TYPE A" BOXES PER COP STANDARD DETAIL P1391.
15. GRADING BETWEEN BACK OF CURB AND PROPERTY LINE SHALL BE LIMITED TO 4:1 SLOPE.
16. CERTIFICATE OF OCCUPANCY (C OF O) AND/OR FINAL ELECTRICAL CLEARANCE FOR ANY BUILDING IS DENIED UNTIL ALL OFFSITE IMPROVEMENTS ARE COMPLETED.
17. TREES AND SHRUBBERY IN THE RIGHT-OF-WAY THAT CONFLICT WITH PROPOSED IMPROVEMENTS SHALL NOT BE REMOVED WITHOUT APPROVAL OF THE CITY LANDSCAPE ARCHITECT. THE PERMIT HOLDER SHALL BE RESPONSIBLE FOR OBTAINING AUTHORIZATION TO REMOVE AND/OR RELOCATE SAID TREES OR SHRUBBERY BY CALLING THE PARKS & RECREATION DEPARTMENT PRIOR TO ANY RIGHT-OF-WAY PLANT RELOCATIONS AT 602-262-6862.
18. THE PLANNING AND DEVELOPMENT CIVIL/SITE INSPECTOR MUST CONTACT STREET TRANSPORTATION DEPARTMENT, TRAFFIC SERVICES DIVISION AT 602-495-0205 VOICE OR 602-534-5500 TTY TWO (2) WEEKS PRIOR TO COMPLETION OF PAVING WORK FOR SIGNING & STRIPING.
19. A PAVEMENT CUT SURCHARGE SHALL BE ASSESSED ON THIS PROJECT FOR ANY TRENCHING OR POTHOLING IN NEW ASPHALT PAVEMENT THAT IS LESS THAN 30 MONTHS OLD. SURCHARGE FEES ASSESSED ARE IN ADDITION TO THE REGULAR PERMIT FEES AND ARE OVER AND ABOVE ANY SPECIAL BACKFILL, COMPACTION, AND PAVEMENT REPLACEMENT STIPULATIONS THAT MAY BE IMPOSED AS A CONDITION OF PERMITTING. PAVEMENT CUT SURCHARGE FEES IS ASSESSED IN ACCORDANCE WITH SECTION 31-38 OF THE PHOENIX CITY CODE.

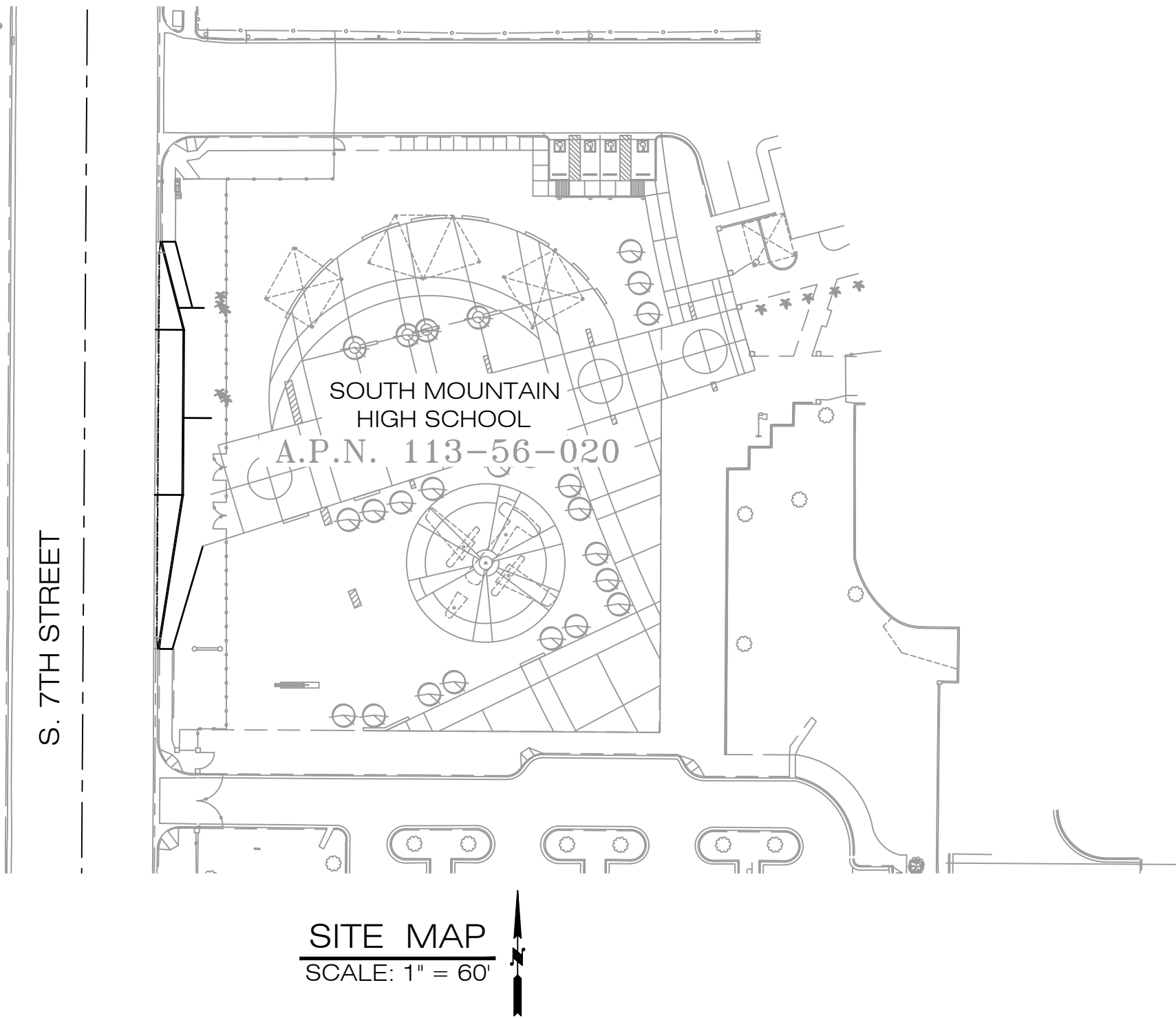
■ OFFSITE QUANTITIES (PAVING)

ASPHALT PAVEMENT SECTION	SY. = 41
BUS BAY PER CITY OF PHOENIX DTL P1256-1 (MODIFIED)	EA. = 1
4" SIDEWALK PER CITY OF PHOENIX DTL P1230	SF. = 1,392
BUS SHELTER PAD PER CITY OF PHOENIX DTL P1261	SF. = 616
CRACK FILL AND TYPE IV SLURRY SEAL	SF. = 7,520
REMOVE AC PAVEMENT	SY. = 41
REMOVE SIDEWALK	SF. = 1,176
REMOVE CURB AND GUTTER	LF. = 185
REMOVE EXISTING BUS SHELTER PAD	EA. = 1
REMOVE IRRIGATION PIPE	LF. = 185
NEW 24" RGRCP IRRIGATION	LF. = 185

■ "AGENCY REVIEWS "

AGENCY	PLANS SUBMITTED TO	CONTACT NUMBER
COX COMMUNICATIONS	GWENDALYN GARCIA	(623) 328-4073
CENTURYLINK	IAN HOLMES	(480) 768-4588
SALT RIVER PROJECT (POWER)	ANDRE BENAVIDEZ	
SALT RIVER PROJECT (WATER)	SUSAN ORTEGA	(602) 236-5799
SOUTHWEST GAS CORPORATION	JEREMY ELSER	(602) 484-5649

PAVING PLAN
FOR
SOUTH MOUNTAIN HIGH SCHOOL - BUS DROP OFF
5401 S. 7th Street
Phoenix, Arizona 85040



■ LEGAL DESCRIPTION

ARB LOT 24 OR S2 NW4 SW4 EX W' 33' 20 AC

■ PROJECT DESCRIPTION

INSTALL A NEW BUS BAY PER CITY OF PHOENIX STANDARD DETAIL 1256-1 AT SOUTH MOUNTAIN HIGH SCHOOL

■ BENCHMARK

CITY OF PHOENIX BRASS CAP IN HANDHOLE AT 7TH STREET AND ROESER ROAD
ELEVATION=1088.538(NGVD'29)

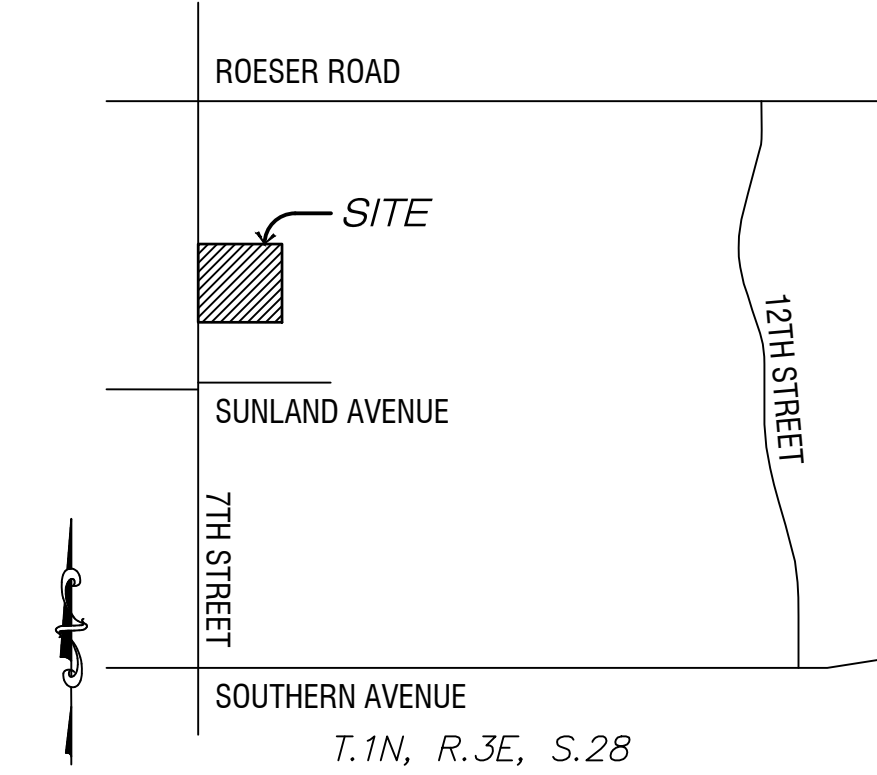
■ SHEET INDEX

CIVIL ENGINEERING PLANS	
SHEET C100	COVER SHEET
SHEET C101	DEMOLITION PLAN
SHEET C102	PLAN & PROFILE

■ AMEC FOSTER WHEELER'S STANDARD ENGINEERING NOTES

1. THESE PLANS ARE SUBJECT TO THE INTERPRETATION OF INTENT BY THE ENGINEER. ALL QUESTIONS REGARDING THESE PLANS SHALL BE PRESENTED TO THE ENGINEER. ANYONE WHO TAKES THE INTERPRETATION OF THE DRAWINGS UPON THEMSELVES OR MAKES REVISIONS TO THE SAME WITHOUT CONFERRING WITH THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE CONSEQUENCES THEREOF.
2. THE ESTIMATED QUANTITIES SHOWN ARE FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETENESS AND ACCURACY OF A DETAILED ESTIMATE BASED ON THESE PLANS, CURRENT CODES, AND SITE VISITATION.
3. ALL EARTHWORK CONSTRUCTION SHALL CONFORM TO THE LATEST MARICOPA ASSOCIATION OF GOVERNMENTS STANDARD DETAILS AND/OR SPECIFICATIONS INCLUDING ANY SUPPLEMENTS THERETO, AND ALL ADDENDA. THE CONTRACTOR IS TO FOLLOW THE RECOMMENDATION OF THE SOIL INVESTIGATION REPORT.
4. PRIOR TO BIDDING THE WORK, THE CONTRACTOR SHALL THOROUGHLY SATISFY HIMSELF AS TO THE ACTUAL CONDITIONS, REQUIREMENTS OF THE WORK AND EXCESS OR DEFICIENCY IN QUANTITIES. NO CLAIMS SHALL BE MADE AGAINST THE OWNER/DEVELOPER OR ENGINEER FOR ANY EXCESS OR DEFICIENCY THEREIN, ACTUAL OR RELATIVE.
5. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
6. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF UTILITIES, POWER POLES, ETC.
7. THE SURVEYOR WILL MAKE FIELD AS-BUILT MEASUREMENT OF THE WORK UPON NOTIFICATION BY THE CLIENT OR HIS REPRESENTATIVE THAT THE WORK IS COMPLETE AND READY FOR AS-BUILT SURVEY. FOR PIPE WORK, THE CONTRACTOR IS RESPONSIBLE FOR LEAVING TRENCHES OPEN SO THAT AS-BUILTS CAN BE PERFORMED TO COMPLY WITH THE CITY/COUNTY REQUIREMENTS. IF THE TRENCHES ARE BACKFILLED AND OBSCURED TO THE POINT THAT AS-BUILT MEASUREMENTS CANNOT BE PERFORMED, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO POTHOLE UTILITY TRENCHES AS NECESSARY TO COMPLETE AN AS-BUILT SURVEY.
8. THE CONTRACTOR IS TO VERIFY THE LOCATION, ELEVATION, CONDITION, AND PAVEMENT CROSS-SLOPE OF ALL EXISTING SURFACES AT POINTS OF TIE-IN AND MATCHING, PRIOR TO COMMENCEMENT OF GRADING, PAVING, CURB AND GUTTER OR OTHER SURFACE CONSTRUCTION. SHOULD EXISTING

- LOCATIONS, ELEVATIONS, CONDITION, OR PAVEMENT CROSS-SLOPE DIFFER FROM THAT SHOWN ON THESE PLANS, RESULTING IN THE DESIGN INTENT REFLECTED ON THE PLANS NOT ABLE TO BE CONSTRUCTED, THE CONTRACTOR SHALL NOTIFY THE OWNER'S AGENT IMMEDIATELY FOR DIRECTION ON HOW TO PROCEED PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR ACCEPTS RESPONSIBILITY FOR ALL COSTS ASSOCIATED WITH CORRECTIVE ACTION IF THESE PROCEDURES ARE NOT FOLLOWED.
9. EXISTING UTILITIES SHOWN ON THESE PLANS HAVE BEEN LOCATED ACCORDING TO INFORMATION PROVIDED BY THE AGENCY OPERATING EACH UTILITY. LOCATIONS SHOWN ARE APPROXIMATE ONLY, AND ARE NOT RELIABLE FOR CONSTRUCTION PURPOSES. CALL BLUE STAKE FOR FIELD LOCATION AT (602) 263-1100. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN OR NOT ON THE DRAWINGS, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
 10. THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION, OR VARIANCE FROM THESE PLANS. ANY VARIATIONS FROM THESE PLANS SHALL BE PROPOSED ON CONSTRUCTION FIELD PRINTS AND TRANSMITTED TO THE ENGINEER.
 11. ANY INSPECTION BY THE CITY, COUNTY, ENGINEER, OR OTHER JURISDICTIONAL AGENCY, SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH APPLICABLE CODES AND AGENCY REQUIREMENTS.
 12. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL STORM DRAIN PIPES, STORM WATER RETENTION PIPES AND DRAINAGE FACILITIES FROM DAMAGE DURING ALL STAGES OF CONSTRUCTION. THE DEPTH OF COVER ON THE STORM DRAIN PIPE IS DESIGNED FOR FINAL GRADE. THEREFORE, EXTRA CARE SUCH AS BERMING OVER PIPES, FLAGGING OR SIGNAGE SHOULD BE USED DURING CONSTRUCTION TO MAINTAIN COVER OR PROTECT THE PIPES.
 13. THE ENGINEER MAKES NO REPRESENTATION OR GUARANTEE REGARDING 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 THAT ARE BEYOND THE CONTROL OF THE ENGINEER.
 14. FINISH GRADES SHOWN ON THESE PLANS ARE THE FINAL FINISH GRADES. CONTRACTOR IS RESPONSIBLE FOR OVER-EXCAVATING LANDSCAPE AREAS TO ALLOW FOR PLANTING AND UTILITY TRENCHING SPOILS AND FOR THE FINAL LANDSCAPE TREATMENT (DECOMPOSED GRANITE, LAWN, ETC.)



■ VICINITY MAP

NOT TO SCALE

■ OWNER \ DEVELOPER

PHOENIX UNION HIGH SCHOOL DISTRICT
SOUTH MOUNTAIN HIGH SCHOOL
2526 WEST OSBORN STREET
PHOENIX, AZ 85017
CONTACT:
TEL:

■ ARCHITECT

ADM GROUP INC.
2100 W. 15TH STREET
TEMPE, AZ 85281
CONTACT: BEN BARCON
TEL: (480) 285-3800

■ ENGINEER


AMEC FOSTER WHEELER
4600 E. WASHINGTON STREET, SUITE 600
PHOENIX, AZ 85034
CONTACT: TODD FARMER
TEL: (602) 733-6000

■ LEGEND

---	RIGHT-OF-WAY
—W—	EXIST. WATER LINE
—S—	EXIST. SEWER LINE
—G—	EXIST. GAS LINE
—UGC—	EXIST. COMMUNICATION LINE
—OHE—	EXIST. OVERHEAD ELECTRIC LINE
■	EXIST. LARGE PIPE LINE
—+—	EXIST. FENCE
⊗	EXIST. VALVE
⊙	EXIST. FIRE HYDRANT
⊕	EXIST. MANHOLE
⊖	EXIST. POWER POLE
==	EXIST. CURB AND GUTTER
==	NEW CURB AND GUTTER
■	NEW CONCRETE PAVEMENT
■	NEW SIDEWALK
→	SURFACE FLOW SLOPE ARROW
TC=1168.56	NEW TOP OF CURB ELEVATION
C=1168.56	NEW CONCRETE ELEVATION
G=1168.56	NEW GUTTER ELEVATION

Two working days before you dig.
CALL FOR THE BLUE STAKES
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

REVISIONS:



Amec Foster Wheeler
Environment & Infrastructure, Inc.

4600 E. WASHINGTON ST., SUITE 600
PHOENIX, ARIZONA 85034
PHONE: 602.733.6000
FAX: 602.733.6100

COVER SHEET

PROJECT: **SOUTH MOUNTAIN HIGH SCHOOL
BUS DROP OFF**

5401 S. 7TH STREET, PHOENIX, ARIZONA 85040

DESIGNER:	GM
DRAWN BY:	TS
CHECKED BY:	TF

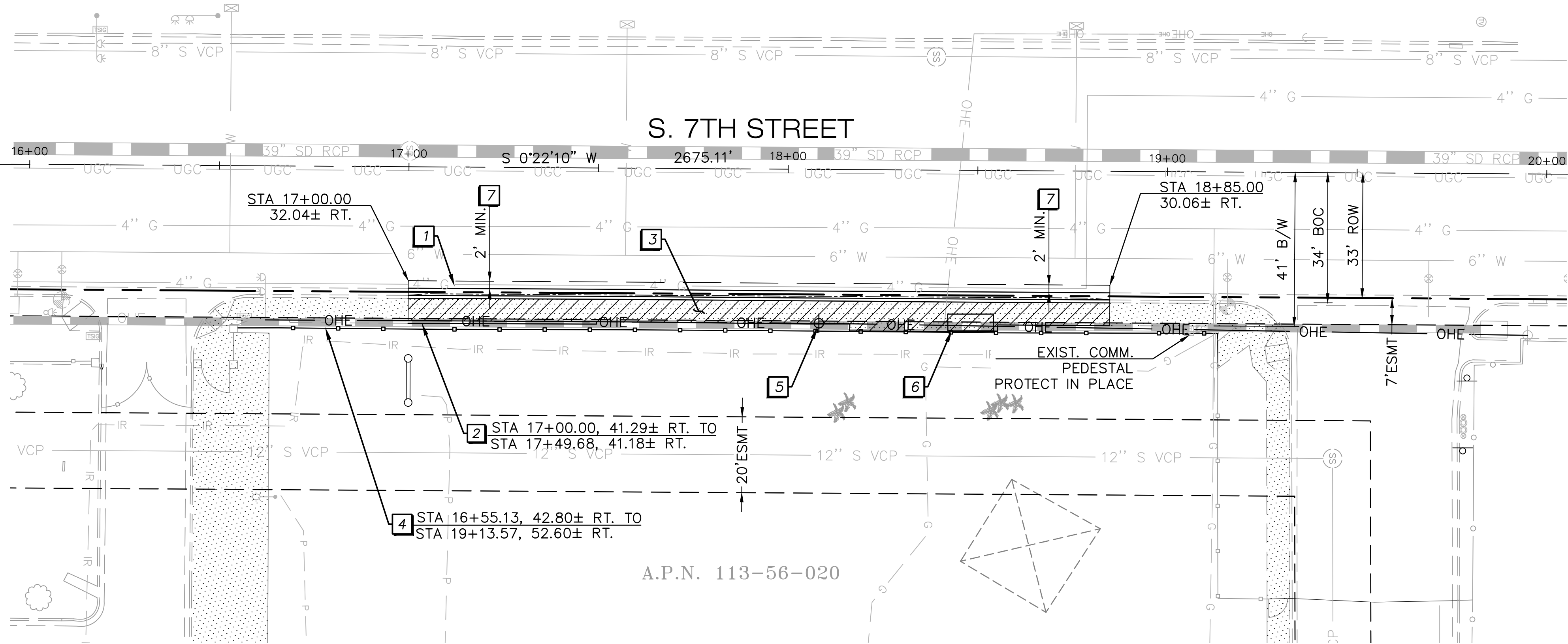


EXPIRES: 6/30/2019
PROJECT NO. 37-2017-3018
COVER SHEET
SHEET NO. C100 of 3

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CL. INTERSECTION
BRASS CAP IN HANDHOLE
STA=0+00.00

E. SOUTHERN AVENUE

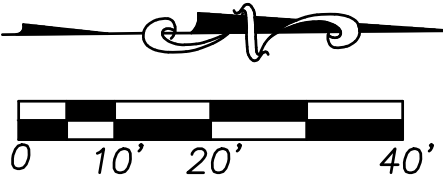


S. 7TH STREET

A.P.N. 113-56-020

E. ROESER ROAD

CL. INTERSECTION
BRASS CAP IN HANDHOLE
STA=26+75.11



CONSTRUCTION NOTES

NO.	DESCRIPTION	UNIT	QTY.
1	SAWCUT & REMOVE EXISTING CURB AND GUTTER	LF.	185
2	SAWCUT & REMOVE EXISTING VERTICAL CURB	LF.	50
3	SAWCUT & REMOVE EXISTING SIDEWALK	SF.	1,176
4	REMOVE EXISTING FENCE	LF.	268
5	EXISTING POWER POLE TO BE REMOVED AND RELOCATED BY OTHERS	EA.	1
6	REMOVE, SALVAGE, AND RETURN EXISTING BUS STOP BENCH AND SHELTER TO THE CITY OF PHOENIX	EA.	1
7	SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT	SY.	41

REVISIONS:



Amec Foster Wheeler
Environment & Infrastructure, Inc.

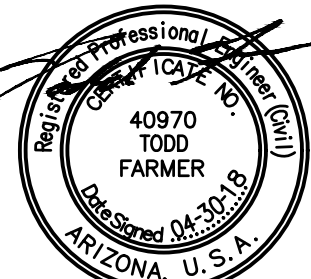
4600 E. WASHINGTON ST., SUITE 600
PHOENIX, ARIZONA 85034
PHONE: 602.733.6000
FAX: 602.733.6100

DEMOLITION PLAN

PROJECT: SOUTH MOUNTAIN HIGH SCHOOL
BUS DROP OFF

5401 S. 7TH STREET, PHOENIX, ARIZONA 85040

DESIGNER: GM
DRAWN BY: TS
CHECKED BY: TF



EXPIRES: 6/30/2019

PROJECT NO.
37-2017-3018

PLAN &
PROFILE

SHEET NO.
C101
of 3

Two working days before you dig,
CALL FOR THE BLUE STAKES
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

