

# Schedule of Values

revised 2/16/2021

SFB AW 200-18		SCHEDULE OF VALUES FOR ADJACENT WAYS VALIDATION		
<p>Instructions: 1. Please enter the information requested in Rows 5-9 in the Blue cells below.                  2. Based on the source of funding (On-Site Adjacent Ways, Off-Site Adjacent Ways or District Cost) enter the cost of each item in the schedule below. Allowable On-Site Adjacent Ways, Off-Site Adjacent Ways and District Cost items are in Orange. Excluded On-Site Adjacent Ways items are Gray and are intentionally locked.</p>				
School District	Phoenix Union High School District			
County	Maricopa			
SFB Adjacent Ways ID Number	(enter 4 digit ID number)			
Architect Name	SPS+			
Contractor Name	Chasse Building Team			
		District Cost	On-Site Adjacent Ways	Off-Site Adjacent Ways
<b>Div 1 GENERAL REQUIREMENTS</b>				
01 45 23	testing and inspecting			\$1,500.00
01 50 00	tempory facilites	\$23,124.00		\$7,514.00
01 56 19	dust control		\$1,265.00	\$1,715.00
01 57 13	track off pads			\$2,235.00
	<b>Division 1 total</b>	\$23,124.00	\$1,265.00	\$12,964.00
<b>Div 2 EXISTING CONDITIONS</b>				
02 21 13	survey	\$8,700.00		
02 41 13	site demolition/removal	\$22,425.00		
02 60 00	soil treatment			
	<b>Division 2 total</b>	\$31,125.00	\$0.00	\$0.00
<b>Div 3 CONCRETE</b>				
03 00 00	footings/walls			
03 00 00	building	\$87,380.00		
03 20 00	rebar			
03 30 53	slabs			
03 35 00	sealed floors	\$30,727.00		
03 40 00	precast concrete			
	<b>Division 3 total</b>	\$118,107.00	\$0.00	\$0.00
<b>Div 4 MASONRY</b>				
04 00 00	masonry walls			
04 00 00	masonry columns			
04 05 19	rebar			
04 22 00	site masonry	\$11,416.00		
04 22 00	block fencing			
04 43 00	stonework			
	<b>Division 4 total</b>	\$11,416.00	\$0.00	\$0.00



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		District Cost	On-Site Adjacent Ways	Off-Site Adjacent Ways
<b>Div 5</b>	<b>METALS</b>			
05 00 00	miscellaneous steel			
05 10 00	structural steel	\$95,380.00		
05 30 00	metal decking			
05 51 00	stairs			
05 70 00	architectural steel			
	<b>Division 5 total</b>	\$95,380.00	\$0.00	\$0.00
<b>Div 6</b>	<b>WOODS/PLASTICS/COMPOSITES</b>			
06 10 00	rough carpentry structure	\$4,813.00		
06 15 00	wood decking			
06 20 00	finish carpentry			
06 40 00	millwork/casework	\$9,547.00		
06 60 00	plastic/glass fiber			
	<b>Division 6 total</b>	\$14,360.00	\$0.00	\$0.00
<b>Div 7</b>	<b>THERMAL/MOISTURE</b>			
07 10 00	waterproofing/dampproofing			
07 20 00	building insulation	\$5,390.00		
07 21 00	foam roof	\$2,500.00		
07 25 00	weather barrier			
07 31 00	roof shingles			
07 32 00	roof tiles			
07 50 00	membrane roofing			
07 60 00	metal roof			
07 60 00	general sheet metal	\$29,522.00		
07 72 00	roof accessories			
07 81 00	sprayed fireproofing			
07 84 00	firestopping			
07 95 00	roof expansion joint			
07 92 00	joint sealants	\$6,864.00		
	<b>Division 7 total</b>	\$44,276.00	\$0.00	\$0.00
<b>Div 8</b>	<b>OPENINGS</b>			
81 10 00	doors & frames	\$59,425.00		
08 33 00	overhead doors			
08 40 00	storefronts			
08 44 00	curtain walls			
08 50 00	windows			
08 60 00	skylights			
08 70 00	hardware			
08 71 13	automatic doors			
08 79 00	knox box			
08 80 00	glass & glazing	\$3,559.00		
	<b>Division 8 total</b>	\$62,984.00	\$0.00	\$0.00



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		District Cost	On-Site Adjacent Ways	Off-Site Adjacent Ways
<b>Div 9</b>	<b>FINISHES</b>			
09 24 00	stucco/EIFS systems	\$15,000.00		
09 20 00	interior metal studs/gypsum board	\$68,698.00		
09 22 00	exterior metal stud framing			
09 23 00	decorative plaster			
09 51 00	acoustical ceilings	\$4,699.00		
09 31 00	ceramic tile	\$7,207.00		
09 65 00	resilient flooring			
09 68 00	carpet	\$5,000.00		
09 64 00	wood floors			
09 67 00	epoxy	\$5,000.00		
09 80 00	sound panels			
09 90 00	painting	\$24,298.00		
09 77 00	fiberglass reinforced panels			
	<b>Division 9 total</b>	\$129,902.00	\$0.00	\$0.00
<b>Div 10</b>	<b>SPECIALTIES</b>			
10 11 00	visual display boards			
10 14 00	signage	\$2,000.00		
10 21 13	toilet partitions & accessories	\$6,572.00		
10 21 23	cubicle track & curtain			
10 22 26	operable partitions/walls			
10 26 00	wall protection	\$5,000.00		
10 44 00	fire extinguishers & cabinets			
10 50 00	lockers			
10 56 13	storage shelving			
10 73 00	shelters			
10 73 13	awnings			
10 73 13	canopy/ramada			
10 75 00	flagpoles			
	<b>Division 10 total</b>	\$13,572.00	\$0.00	\$0.00
<b>Div 11</b>	<b>EQUIPMENT</b>			
11 16 16	floor safe			
11 41 00	kitchen equipment			
11 51 00	library equipment			
11 52 00	audio/visual equipment			
11 52 13	projection screens			
11 53 13	fume hoods			
11 61 43	stage curtain/equipment			
11 66 00	sports/PE equipment			
11 68 00	playground equipment			
11 68 23	site basketball courts			
11 68 33	ballfield backstop			
11 68 33	sports fields			
	<b>Division 11 total</b>	\$0.00	\$0.00	\$0.00



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		District Cost	On-Site Adjacent Ways	Off-Site Adjacent Ways
<b>Div 12</b>	<b>FURNISHINGS</b>			
12 20 00	window coverings	\$4,050.00		
12 31 00	metal casework			
12 32 16	plastic laminate casework			
12 61 00	auditorium seating			
12 93 13	bike racks			
12 93 23	trash enclosures			
	<b>Division 12 total</b>	\$4,050.00	\$0.00	\$0.00
<b>Div 13</b>	<b>SPECIAL CONST</b>			
13 00 00	equipment/storage enclosures			
13 11 00	swimming pools			
13 34 16	bleachers			
13 34 19	metal buildings			
	<b>Division 13 total</b>	\$0.00	\$0.00	\$0.00
<b>Div 14</b>	<b>CONVEYING</b>			
14 00 00	material handling			
14 20 00	elevators			
14 42 00	wheelchair lifts			
	<b>Division 14 total</b>	\$0.00	\$0.00	\$0.00
<b>Div 21</b>	<b>FIRE SUPPRESSION</b>			
21 10 00	fire protection/sprinklers	\$67,840.00		
	<b>Division 21 total</b>	\$67,840.00	\$0.00	\$0.00
<b>Div 22</b>	<b>PLUMBING</b>			
22 11 00	supply piping	\$30,000.00		
22 13 00	waste water piping	\$30,000.00		
22 31 00	water treatment (softner)			
22 32 00	water treatment (filtered)			
22 35 00	water heaters			
22 42 00	plumbing fixtures	\$9,300.00		
	<b>Division 22 total</b>	\$69,300.00	\$0.00	\$0.00
<b>Div 23</b>	<b>MECHANICAL</b>			
23 07 13	mechanical insulation	\$10,884.00		
23 50 00	HVAC - central plant (cooling)			
23 60 00	HVAC - central plant (heating)			
23 76 00	HVAC - evaporative			
23 80 00	HVAC - package units	\$200,000.00		
23 81 26	HVAC - split system	\$100,000.00		
	<b>Division 23 total</b>	\$310,884.00	\$0.00	\$0.00
<b>Div 25</b>	<b>INTEGRATED AUTOMATION</b>			
25 50 00	EMS			
	<b>Division 25 total</b>	\$0.00	\$0.00	\$0.00



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		District Cost	On-Site Adjacent Ways	Off-Site Adjacent Ways
<b>Div 26</b>	<b>ELECTRICAL</b>			
26 10 00	site electrical	\$218,902.00		\$79,509.00
26 10 00	electrical	\$290,000.00		
26 30 00	generators			
26 56 00	exterior lighting			
	<b>Division 26 total</b>	\$508,902.00	\$0.00	\$79,509.00
<b>Div 27</b>	<b>COMMUNICATIONS</b>			
27 20 00	data cabling	\$622,347.00		
27 24 00	TV cabling			
27 30 00	intercom	\$28,000.00		
27 32 13	communications/phone			
	<b>Division 27 total</b>	\$650,347.00	\$0.00	\$0.00
<b>Div 28</b>	<b>SAFETY AND SECURITY</b>			
28 10 00	security system	\$62,000.00		
28 20 00	surveillance/alarm	\$33,000.00		
28 31 00	fire alarm system	\$27,598.00		
	<b>Division 28 total</b>	\$122,598.00	\$0.00	\$0.00
<b>Div 31</b>	<b>EARTHWORK</b>			
31 23 00	earthwork/mass excavation	\$0.00		
31 23 00	import/export dirt			
31 31 00	soil treatment - termite			
	<b>Division 31 total</b>	\$0.00	\$0.00	\$0.00
<b>Div 32</b>	<b>EXTERIOR IMPROVEMENTS</b>			
32 00 00	parking			
32 00 00	unusal site conditions			
32 10 00	asphalt/paving		\$17,000.00	
32 13 00	fire lane site concrete			
32 13 00	sidewalks (only for bus drop-offs)			
32 17 00	striping/signage			
32 31 13	chainlink fencing			
32 31 19	wrought iron fencing	\$49,155.00		
32 32 00	retaining walls			
32 80 00	irrigation			
32 90 00	landscaping	\$5,000.00		
	<b>Division 32 total</b>	\$54,155.00	\$17,000.00	\$0.00



## revised 2/16/2021

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Exhibit A.1 - Budget Proposal

Phoenix Union

**District Support Facility - Building 10**

May 26, 2022

DIV	DESCRIPTION	ADJACENT WAYS COSTS	BOND COSTS ONLY (Site + Bldg)	
1A	Project Requirements	14,230	23,124	
1B	Survey & Layout	0	8,700	
2A	Demolition	0	22,425	
3A	Concrete	0	87,380	
4A	Masonry	0	11,416	
5A	Structural Steel	0	95,380	
6A	Rough Carpentry	0	4,813	
6B	Millwork	0	9,547	
7A	Insulation	0	5,390	
7B	Roofing & Sheet Metal	0	2,500	
7C	Metal Panels	0	29,522	
7F	Caulking & Sealants	0	6,864	
8A	Doors Frames & Hardware	0	59,425	
8C	Glass & Glazing	0	3,559	
9A	Framing & Drywall	0	68,698	
9B	Stucco/EIFS	0	15,000	
9C	Tile	0	7,207	
9D	Acoustical Assemblies	0	4,699	
9E	Flooring	0	40,727	
9F	Paint	0	24,298	
10A	Specialties	0	11,572	
10B	Signage	0	2,000	
12A	Window Coverings	0	4,050	
21A	Fire Protection	0	67,840	
22A	Plumbing	0	69,300	
23A	HVAC	0	310,884	
26A	Electrical	79,509	508,902	
26B	Fire Alarm	0	27,598	
27A	Special Systems (Data Center Equipment; Voice/Data Cabling; Access Control/Intrusion; S	0	745,437	
31A	Earthwork	17,000	0	
32A	Fencing	0	49,155	
32B	Landscaping	0	5,000	
33A	Site Utilities	16,817	50,449	
	General Conditions	75,448	176,045	
	Material Testing + Special Inspections Allowance	0	0	
	Permit Fees	0	0	
	Architectural & Engineering Fees	0	0	
	Construction Contingency	2,403	30,293	
	Design Contingency	2,403	30,293	
	City Review Contingency	1,202	15,147	
	Liability Insurance	2,884	36,352	
	Builders Risk Insurance	1,442	18,176	
	Payment & Performance Bond	2,884	36,352	
	Gross Receipts Tax	12,087	152,356	
	Contractor Fee	12,016	151,467	
	<b>TOTAL GMP #1 (CHASSE BUILDING TEAM CONTRACT):</b>	<b>240,324</b>	<b>3,029,341</b>	

GRAND TOTAL (BOND COSTS + ADJACENT WAYS COSTS): **\$ 3,269,665**

**ADD ALTERNATES (includes Marks):**

1	Trench, backfill and conduit to allow Bldg 10 FA to tie into Bldg 7 FA Panel (includes R&R hardscape) - \$125/LF ADD ALT ALLOWANCE		ADD	\$ 105,850
2	Allowance for EMS Temp + Humidity Monitoring for Data Center only		ADD	\$ 34,800

**Phase 2 - Early works & Procurement**

Early procurement (Submittals) - Demolition, Structural Steel Elevators, Plumbing, HVAC, Electrical, & Utilities

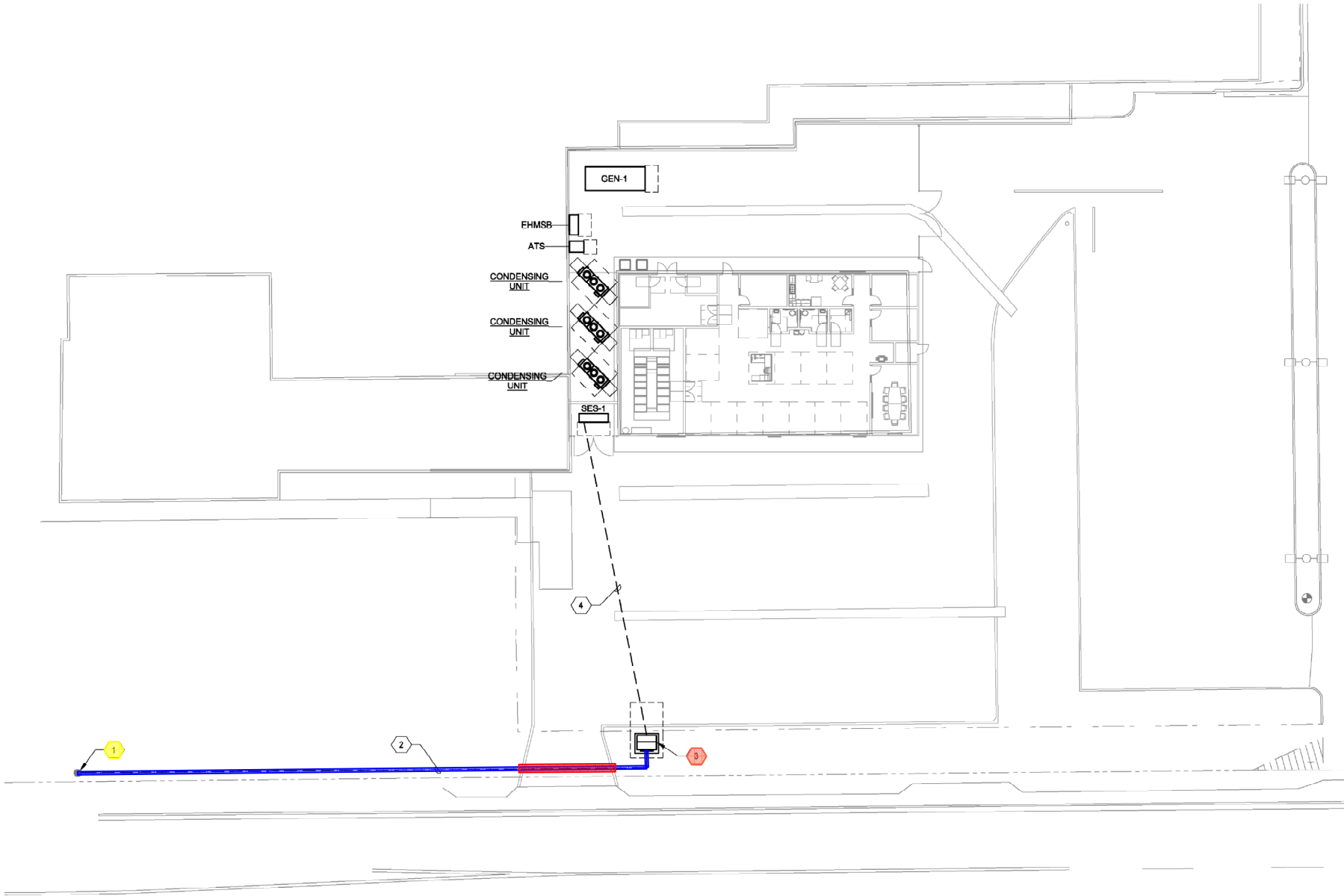
441,717

**TOTAL COST:**

**3,711,382**



- Provide riser down existing APS utility pole to serve new transformer - Q1 1 EA
- Primary Feeder /Trench / Backfill / Conduits / Concrete Encased - Q1 180 LF
- Provide concrete housekeeping pad for APS Transformer - Q1 1 EA
- Remove and replace existing curb / asphalt @ Drive Entrance (or Bore) - Q1 30 LF



1 ELECTRICAL SITE PLAN  
1" = 20'-0"

0' 10' 20'



## KEY NOTES

1. PROVIDE RISER DOWN EXISTING APS UTILITY POLE TO SERVE NEW PAD-MOUNTED UTILITY TRANSFORMER. COORDINATE REQUIREMENTS WITH UTILITY PRIOR TO BID.
2. NEW PRIMARY FEEDER TO NEW UTILITY TRANSFORMER. PROVIDE TRENCHING AND BACKFILL FOR NEW PRIMARY POWER CONDUITS PER APS REQUIREMENTS. WHERE REQUIRED BY NEC 300.5 AND BY APS, ALL UNDERGROUND FEEDERS SHALL BE ENCASED IN CONCRETE. COORDINATE WITH ALL UNDERGROUND UTILITIES PRIOR TO START OF WORK.
3. NEW UTILITY TRANSFORMER BY APS. PROVIDE CONCRETE HOUSEKEEPING PAD. COORDINATE WITH APS FOR FINAL LOCATION AND REQUIREMENTS PRIOR TO START OF WORK.
4. TRANSFORMER SECONDARY WIRING. REFER TO ONE LINE DIAGRAM ON E-601 FOR WIRING AND CONDUIT SIZES.

## GENERAL SHEET NOTES

1. REFER TO E-002 FOR ADDITIONAL INFORMATION.



DISTRICT SUPPORT FACILITY - BUILDING 10  
PHOENIX UNION HIGH SCHOOL DISTRICT  
2526 W. OSBORN RD  
PHOENIX, AZ 85017  
ELECTRICAL SITE PLAN

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MARK	DATE	DESCRIPTION

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DRAWN BY: JRG

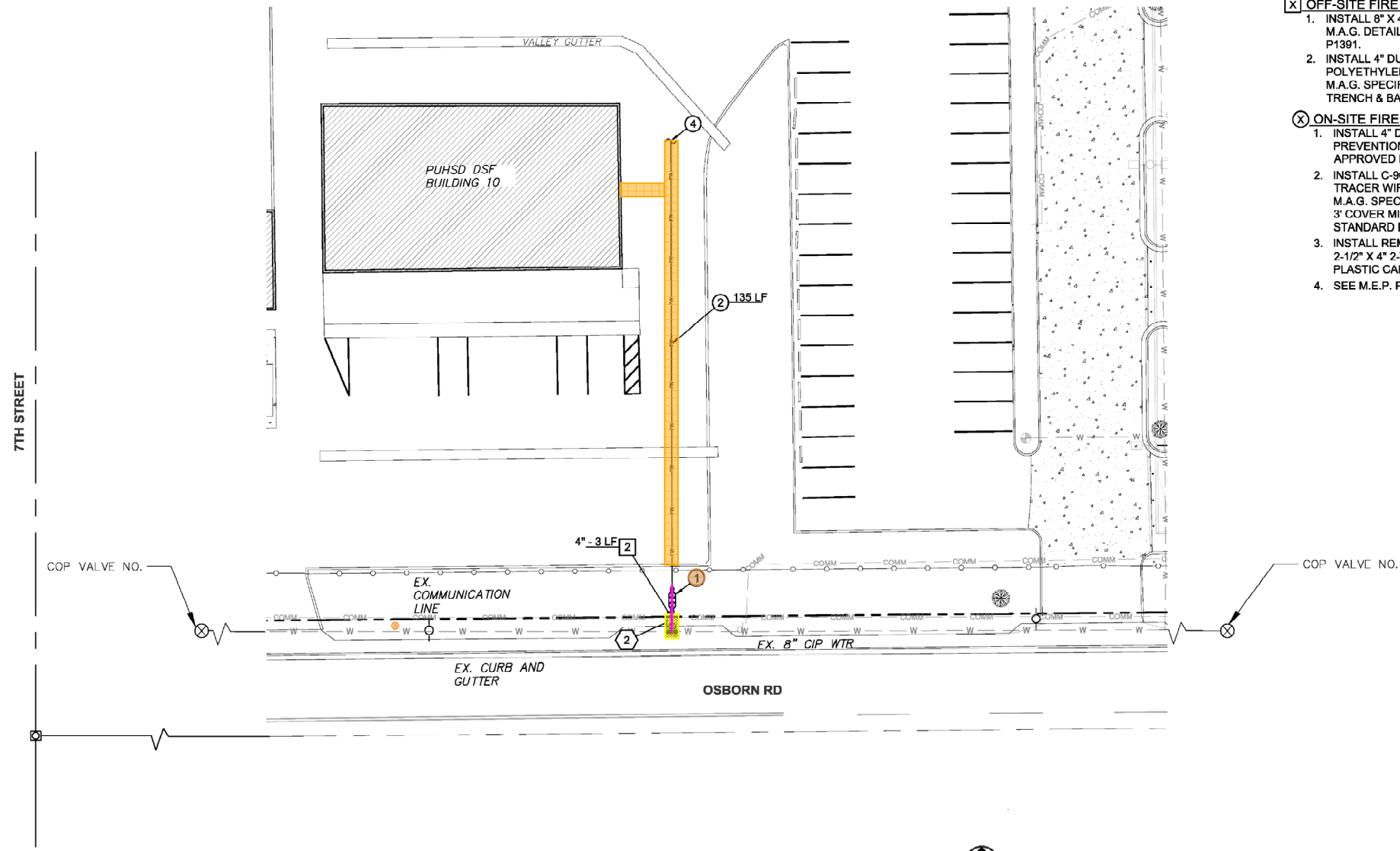
ORIGINAL ISSUE  
DATE: 05/04/2022  
JOB No: 2025  
SHEET:

ES101



ONSITE & OFFSITE FIRE LINE PLAN FOR:  
**PUHSD DISTRICT SUPPORT FACILITY**  
2526 W OSBORN RD  
PHOENIX, AZ 85017

LOCATED IN THE NORTHWEST QUARTER OF SECTION 25, TOWNSHIP 2N, RANGE 2E,  
OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA



- OFF-SITE PAVING NOTES**
1. SAWCUT EXISTING PAVEMENT, CURB, AND SIDEWALK TO LIMITS SHOWN OR NEAREST EXPANSION JOINT. REPLACE IN KIND.
  2. REPLACE PAVEMENT IN KIND. THICKNESS PER PER M.A.G. SECTION 336 AND C.O.P. DETAIL P1200, TYPE B.
  3. LIMIT OF ASPHALT RESTORATION.
- OFF-SITE FIRE LINE CONSTRUCTION NOTES**
1. INSTALL 8" X 4" TAPPING SLEEVE AND VALVE. BOX & COVER PER M.A.G. DETAIL 340 AND CITY OF PHOENIX SUPPLEMENT DETAIL P1391.
  2. INSTALL 4" DUCTILE IRON PIPE (PRESSURE CLASS 350) WITH POLYETHYLENE PROTECTIVE WRAPPING IN ACCORDANCE WITH M.A.G. SPECIFICATION 610. 3' COVER MINIMUM. LENGTH PER PLAN. TRENCH & BACKFILL PER C.O.P. STANDARD DETAIL P1200.
- ON-SITE FIRE LINE CONSTRUCTION NOTES**
1. INSTALL 4" DOUBLE CHECK DETECTOR BACKFLOW PREVENTION ASSEMBLY (ZURN MODEL 350DA OR APPROVED EQUAL) PER C.O.P. STANDARD DETAIL P1351.
  2. INSTALL C-900 POLYVINYL CHLORIDE (PVC) PIPE & TRACER WIRE (14 AWG MINIMUM) IN ACCORDANCE WITH M.A.G. SPECIFICATION 610. SIZE AND LENGTH PER PLAN. 3' COVER MINIMUM. TRENCH & BACKFILL PER C.O.P. STANDARD DETAIL P1200.
  3. INSTALL REMOTE FIRE DEPARTMENT CONNECTION. 2-1/2" X 4" 2-WAY 90-DEGREE FDC WITH BREAKAWAY PLASTIC CAPS AND IDENTIFICATION SIGN.
  4. SEE M.E.P. PLANS FOR CONTINUATION.

**LEGEND & ABBREVIATIONS**

— M/L —	MONUMENT LINE
— — —	RIGHT-OF-WAY
— — —	PROPERTY LINE
— — —	EASEMENT LINE
— — —	CENTERLINE
— S —	EXISTING SANITARY SEWER
— E —	EXISTING ELECTRIC
— CATV —	EXISTING COMMUNICATIONS LINE
— 14.15 —	EXISTING CONTOUR
— 14.15 —	PROPOSED CONTOUR
— — —	CURB & GUTTER
— — —	PROPOSED FIRE LINE
— — —	TAPPING SLEEVE & VALVE

B/C	BACK OF CURB	G	GUTTER
B/W	BACK OF WALK	GR	GRATE
BLDG	BUILDING	LS	LANDSCAPE
C	CONCRETE	MH	MANHOLE
C&G	CURB AND GUTTER	MTR	METER
CIP	CAST IRON PIPE	P	PAVEMENT
CO	CLEAN OUT	PROP	PROPOSED
COP	CITY OF PHOENIX	PUE	PUBLIC UTILITY EASEMENT
CMP	CORRUGATED METAL PIPE	RW	RIGHT OF WAY
DIA	DIAMETER	SB	SETBACK
ESMT	EASEMENT	SSWR	SANITARY SEWER
EX	EXISTING	STL	STEEL
F/C	FACE OF CURB	TC	TOP OF CURB
FDC	FIRE DEPARTMENT CONNECTION	TYP	TYPICAL
FFE	FINISHED FLOOR ELEVATION	WTR	WATER
FL	FLOWLINE		

- R&R Asphalt for fireline trenching - Q1 571 SF**
- Install 4" DIP C-350 w/ PE protective wrapping per MAG Spec 610 - Q1 14 LF**
- Install 4" Double Check Detector Backflow Prevention Assembly - Q1 1 EA**
- Replace pavement in kind (MAG Section 336 + COP Detail P1200 Type B) - Q1 30 SF**

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**PUHSD  
DISTRICT  
SUPPORT  
FACILITY**

**CITY OF PHOENIX**

**CONSTRUCTION  
DOCUMENTS**

DATE	DESCRIPTION
05/02/2022	50% DRAFT



CHECKED BY: KMT

DRAWN BY: DAK

TITLE:  
**FIRE LINE PLAN**

SHEET No.  
**2 of 2**  
PROJECT No.  
**20026**