						ADJACENT WAYS
SFB AW 200	)-18				SCHE	DULE OF VALUES
<u> </u>		0 11:				
		Creighton Element	ary			
	SFB Project Number					
		SPS + Architects				
		Creighton Element	ary Rebuild			
	County	Maricopa				
<b> </b>						
	Permitting (Name of County/City)	Maricopa / Phoenix	X .			
					·	AW-Y
	GMP	\$2,821,923.57				AW-N □
_						
-			Cost per		Other On-Site	
-	= Cells to be completed - as		Unit	District	Funding	Off-Site
	required	Quantity	(no markup)	Cost	(Adjacent Ways, etc.)	Adjacent Ways
Div 1	GENERAL CONDITIONS					
01 50 00	tempory facilites	92,071.00		\$85,183.92	\$66,632.69	\$24,258.71
01 56 19	dust control	92,071.00				
01 57 13	track off pads	92,071.00				
	Division 1 total			\$85,183.92	\$66,632.69	\$24,258.71
Div 2	EXISTING CONDITIONS					
02 21 13	survey	92,071.00		\$36,903.00	\$13,629.78	\$88.21
02 41 13	site demolition/removal	92,071.00		\$376,087.00	\$66,776.75	\$4,900.00
02 60 00	soil treatment	92,071.00				
	Division 2 total			\$412,990.00	\$80,406.53	\$4,988.21
Div 3	CONCRETE					
03 00 00	footings/walls	92,071.00				
03 00 00	building	92,071.00				
03 20 00	rebar	92,071.00				
03 30 53	slabs	92,071.00				
03 35 00	sealed floors	92,071.00				
03 40 00	precast concrete	92,071.00				
	Division 3 total			\$0.00	\$0.00	\$0.00
Div 4	MASONRY					
04 00 00	masonry walls	92,071.00				
04 00 00	masonry columns	92,071.00				
04 05 19	rebar	92,071.00				
04 22 00	site masonry	92,071.00				
04 22 00	block fencing	92,071.00				
04 43 00	stonework	92,071.00				
	Division 4 total			\$0.00	\$0.00	\$0.00
Div 5	METALS					
05 00 00	miscellaneous steel	92,071.00				
05 10 00	structural steel	92,071.00				
05 30 00	metal decking	92,071.00				
05 51 00	stairs	92,071.00				
05 70 00	architectural steel	92,071.00				
	Division 5 total			\$0.00	\$0.00	\$0.00
Div 6	WOODS/PLASTICS/COMPOSITES					
06 10 00	rough carpentry structure	92,071.00				
06 15 00	wood decking	92,071.00				
06 20 00	finish carpentry	92,071.00				
06 40 00	millwork/casework	92,071.00				
06 60 00	plastic/glass fiber	92,071.00				
	Division 6 total	02,071.00		\$0.00	\$0.00	\$0.00
	Division o total			<del>+</del> 2.00	<del>+</del>	+2100

			Cost per		Other On-Site	
	= Cells to be completed - as		Unit	District	Funding	Off-Site
	required	Quantity	(no markup)	Cost	(Adjacent Ways, etc.)	Adjacent Ways
Div 7	THERMAL/MOISTURE					
07 10 00	waterproofing/dampproofing	92,071.00				
07 20 00	building insulation	92,071.00				
07 21 00	foam roof	92,071.00				
07 25 00	weather barrier	92,071.00				
07 31 00	roof shingles	92,071.00				
07 32 00	roof tiles	92,071.00				
07 50 00	membrane roofing	92,071.00				
07 60 00	metal roof	92,071.00				
07 60 00	general sheet metal	92,071.00				
07 72 00	roof accessories	92,071.00				
07 81 00	sprayed fireproofing	92,071.00				
07 84 00	firestopping	92,071.00				
07 95 00	roof expansion joint	92,071.00				
07 92 00	joint sealants	92,071.00				
37 32 30	Division 7 total	==,=,==		\$0.00	\$0.00	\$0.00
Div 8	OPENINGS			Ψ0.00	Ψ0.00	Ψ0.00
81 10 00	doors & frames	92,071.00				
08 33 00	overhead doors	92,071.00				
08 40 00 08 44 00	storefronts curtain walls	92,071.00 92,071.00				
08 44 00						
	windows	92,071.00				
08 60 00	skylights	92,071.00				
08 70 00	hardware	92,071.00				
08 71 13	automatic doors	92,071.00				
08 79 00	knox box	92,071.00				
08 80 00	glass & glazing  Division 8 total	92,071.00		\$0.00	\$0.00	\$0.00
Div 9	FINISHES			φ0.00	φ0.00	φυ.υυ
		02.074.00				
09 24 00	stucco/EIFS systems	92,071.00				
09 20 00	interior metal studs/gypsum board	92,071.00				
09 22 00	exterior metal stud framing	92,071.00				
09 23 00	decorative plaster	92,071.00				
09 51 00	acoustical ceilings	92,071.00				
09 31 00	ceramic tile	92,071.00				
09 65 00	resilient flooring	00.074.00				
09 68 00		92,071.00				
09 64 00	carpet	92,071.00				
	carpet wood floors	92,071.00 92,071.00				
09 67 00	carpet wood floors epoxy	92,071.00 92,071.00 92,071.00				
09 67 00 09 80 00	carpet wood floors epoxy sound panels	92,071.00 92,071.00 92,071.00 92,071.00				
09 67 00 09 80 00 09 90 00	carpet wood floors epoxy sound panels painting	92,071.00 92,071.00 92,071.00 92,071.00 92,071.00				
09 67 00 09 80 00	carpet wood floors epoxy sound panels painting fiberglass reinforced panels	92,071.00 92,071.00 92,071.00 92,071.00		#0.00		<b>40.00</b>
09 67 00 09 80 00 09 90 00 09 77 00	carpet wood floors epoxy sound panels painting fiberglass reinforced panels Division 9 total	92,071.00 92,071.00 92,071.00 92,071.00 92,071.00		\$0.00	\$0.00	\$0.00
09 67 00 09 80 00 09 90 00 09 77 00 Div 10	carpet wood floors epoxy sound panels painting fiberglass reinforced panels Division 9 total SPECIALTIES	92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00		\$0.00	\$0.00	\$0.00
09 67 00 09 80 00 09 90 00 09 77 00 <b>Div 10</b> 10 11 00	carpet wood floors epoxy sound panels painting fiberglass reinforced panels Division 9 total SPECIALTIES visual display boards	92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00		\$0.00	\$0.00	\$0.00
09 67 00 09 80 00 09 90 00 09 77 00 <b>Div 10</b> 10 11 00 10 14 00	carpet wood floors epoxy sound panels painting fiberglass reinforced panels Division 9 total SPECIALTIES visual display boards signage	92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00		\$0.00	\$0.00	\$0.00
09 67 00 09 80 00 09 90 00 09 77 00 <b>Div 10</b> 10 11 00 10 14 00 10 21 13	carpet wood floors epoxy sound panels painting fiberglass reinforced panels Division 9 total SPECIALTIES visual display boards signage toilet partitions & accessories	92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00		\$0.00	\$0.00	\$0.00
09 67 00 09 80 00 09 90 00 09 77 00 <b>Div 10</b> 10 11 00 10 14 00 10 21 13 10 21 23	carpet wood floors epoxy sound panels painting fiberglass reinforced panels Division 9 total SPECIALTIES visual display boards signage toilet partitions & accessories cubicle track & curtain	92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00		\$0.00	\$0.00	\$0.00
09 67 00 09 80 00 09 90 00 09 77 00 Div 10 10 11 00 10 14 00 10 21 13 10 21 23 10 22 26	carpet wood floors epoxy sound panels painting fiberglass reinforced panels Division 9 total SPECIALTIES visual display boards signage toilet partitions & accessories cubicle track & curtain operable partitions/walls	92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00		\$0.00	\$0.00	\$0.00
09 67 00 09 80 00 09 90 00 09 77 00 Div 10 10 11 00 10 14 00 10 21 13 10 21 23 10 22 26 10 26 00	carpet wood floors epoxy sound panels painting fiberglass reinforced panels Division 9 total SPECIALTIES visual display boards signage toilet partitions & accessories cubicle track & curtain operable partitions/walls wall protection	92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00		\$0.00	\$0.00	\$0.00
09 67 00 09 80 00 09 90 00 09 77 00 Div 10 10 11 00 10 14 00 10 21 13 10 21 23 10 22 26 10 26 00 10 44 00	carpet wood floors epoxy sound panels painting fiberglass reinforced panels Division 9 total SPECIALTIES visual display boards signage toilet partitions & accessories cubicle track & curtain operable partitions/walls wall protection fire exttinguishers & cabinets	92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00		\$0.00	\$0.00	\$0.00
09 67 00 09 80 00 09 90 00 09 77 00 Div 10 10 11 00 10 14 00 10 21 13 10 21 23 10 22 26 10 26 00 10 44 00 10 50 00	carpet wood floors epoxy sound panels painting fiberglass reinforced panels Division 9 total SPECIALTIES visual display boards signage toilet partitions & accessories cubicle track & curtain operable partitions/walls wall protection fire exttinguishers & cabinets lockers	92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00		\$0.00	\$0.00	\$0.00
09 67 00 09 80 00 09 90 00 09 77 00 Div 10 10 11 00 10 14 00 10 21 13 10 21 23 10 22 26 10 26 00 10 44 00 10 50 00 10 56 13	carpet wood floors epoxy sound panels painting fiberglass reinforced panels Division 9 total SPECIALTIES visual display boards signage toilet partitions & accessories cubicle track & curtain operable partitions/walls wall protection fire exttinguishers & cabinets lockers storage shelving	92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00		\$0.00	\$0.00	\$0.00
09 67 00 09 80 00 09 90 00 09 77 00 Div 10 10 11 00 10 14 00 10 21 13 10 21 23 10 22 26 10 26 00 10 44 00 10 50 00	carpet wood floors epoxy sound panels painting fiberglass reinforced panels Division 9 total SPECIALTIES visual display boards signage toilet partitions & accessories cubicle track & curtain operable partitions/walls wall protection fire exttinguishers & cabinets lockers	92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00		\$0.00	\$0.00	\$0.00
09 67 00 09 80 00 09 90 00 09 77 00 Div 10 10 11 00 10 14 00 10 21 13 10 21 23 10 22 26 10 26 00 10 44 00 10 50 00 10 56 13	carpet wood floors epoxy sound panels painting fiberglass reinforced panels Division 9 total SPECIALTIES visual display boards signage toilet partitions & accessories cubicle track & curtain operable partitions/walls wall protection fire exttinguishers & cabinets lockers storage shelving	92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00		\$0.00	\$0.00	\$0.00
09 67 00 09 80 00 09 90 00 09 77 00 Div 10 10 11 00 10 14 00 10 21 13 10 21 23 10 22 26 10 26 00 10 44 00 10 56 13 10 73 00 10 73 13	carpet wood floors epoxy sound panels painting fiberglass reinforced panels Division 9 total SPECIALTIES visual display boards signage toilet partitions & accessories cubicle track & curtain operable partitions/walls wall protection fire exttinguishers & cabinets lockers storage shelving shelters awnings canopy/ramada	92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00		\$0.00	\$0.00	\$0.00
09 67 00 09 80 00 09 90 00 09 77 00 Div 10 10 11 00 10 14 00 10 21 13 10 21 23 10 22 26 10 26 00 10 44 00 10 50 00 10 56 13 10 73 00 10 73 13	carpet wood floors epoxy sound panels painting fiberglass reinforced panels Division 9 total SPECIALTIES visual display boards signage toilet partitions & accessories cubicle track & curtain operable partitions/walls wall protection fire exttinguishers & cabinets lockers storage shelving shelters awnings	92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00 92,071.00		\$0.00		\$0.00

			Cost per		Other On-Site	
	= Cells to be completed - as		Unit	District	Funding	Off-Site
	required	Quantity	(no markup)	Cost	(Adjacent Ways, etc.)	Adjacent Ways
Div 11	EQUIPMENT					
11 16 16	floor safe	92,071.00				
11 41 00	kitchen equipment	92,071.00				
11 51 00	library equipment	92,071.00				
11 52 00	audio/visual equipment	92,071.00				
11 52 13	projection screens	92,071.00				
11 53 13	fume hoods	92,071.00				
11 61 43 11 66 00	stage curtain/equipment	92,071.00 92,071.00				
11 68 00	sports/PE equipment playground equipment	92,071.00				
11 68 23	site basketball courts	92,071.00				
11 68 33	ballfield backstop	92,071.00				
11 68 33	sports fields	92,071.00				
	Division 11 total			\$0.00	\$0.00	\$0.00
Div 12	FURNISHINGS					
12 20 00	window coverings	92,071.00				
12 31 00	metal casework	92,071.00				
12 32 16	plastic laminate casework	92,071.00				
12 61 00	auditorium seating	92,071.00				
12 93 13	bike racks	92,071.00				
12 93 23	trash enclosures	92,071.00				
	Division 12 total			\$0.00	\$0.00	\$0.00
Div 13	SPECIAL CONST					
13 00 00	equipment/storage enclosures	92,071.00				
13 11 00 13 34 16	swimming pools bleachers	92,071.00 92,071.00				
13 34 19	metal buildings	92,071.00				
100110	Division 13 total			\$0.00	\$0.00	\$0.00
Div 14	CONVEYING			,	*	***
14 00 00	material handling	92,071.00				
14 20 00	elevators	92,071.00				
14 42 00	wheelchair lifts	92,071.00				
	Division 14 total			\$0.00	\$0.00	\$0.00
Div 21	FIRE SUPPRESSION					
21 10 00	fire protection/sprinklers	92,071.00		00.00	Φ2.00	Φο οο
D: 00	Division 21 total			\$0.00	\$0.00	\$0.00
Div 22	PLUMBING	02.074.00				
22 11 00 22 13 00	supply piping waste water piping	92,071.00 92,071.00				
22 31 00	water treatment (softner)	92,071.00				
22 32 00	water treatment (filtered)	92,071.00				
22 35 00	water heaters	92,071.00				
22 42 00	plumbing fixtures	92,071.00				
	Division 22 total	·		\$0.00	\$0.00	\$0.00
Div 23	MECHANICAL					
23 07 13	mechanical insulation	92,071.00				
23 50 00	HVAC - central plant (cooling)	92,071.00				
23 60 00	HVAC - central plant (heating)	92,071.00				
23 76 00 23 80 00	HVAC - evaporative HVAC - package units	92,071.00 92,071.00				
23 81 26	HVAC - split system	92,071.00				
	Division 23 total			\$0.00	\$0.00	\$0.00
Div 25	INTEGRATED AUTOMATION					
25 50 00	EMS	92,071.00				
	Division 25 total			\$0.00	\$0.00	\$0.00
Div 26	ELECTRICAL					
26 10 00	site electrical	92,071.00		\$400,913.00		\$22,508.00
26 10 00	electrical	92,071.00				
26 30 00	generators	92,071.00				
26 56 00	exterior lighting	92,071.00		Ф400 040 00	Φ2.00	<b>#00 500 00</b>
Div 27	Division 26 total COMMUNICATIONS			\$400,913.00	\$0.00	\$22,508.00
27 20 00	data cabling	92,071.00				
27 24 00	TV cabling	92,071.00				
27 30 00	intercom	92,071.00				
27 30 00	communications/phone	92,071.00				
	Division 27 total			\$0.00	\$0.00	\$0.00
<u> </u>				ψ0.00	<del>+0.00</del>	Ψ0.0

			Cost per		Other On-Site	
=	= Cells to be completed - as		Unit	District	Funding	Off-Site
	required	Quantity	(no markup)	Cost	(Adjacent Ways, etc.)	Adjacent Ways
Div 28	SAFETY AND SECURITY					
28 10 00	security system	92,071.00				
28 20 00	surveillance/alarm	92,071.00				
28 31 00	fire alarm system	92,071.00				
	Division 28 total			\$0.00	\$0.00	\$0.00
Div 31	EARTHWORK					
31 23 00	earthwork/mass excavation	92,071.00			\$34,374.27	\$2,015.67
31 23 00	import/export dirt	92,071.00				
31 31 00	soil treatment - termite	92,071.00				
	Division 31 total			\$0.00	\$34,374.27	\$2,015.67
Div 32	EXTERIOR IMPROVEMENTS					
32 00 00	parking	92,071.00				
32 00 00	unusal site conditions	92,071.00				
32 10 00	asphalt/paving	92,071.00		\$368,944.00	\$155,555.50	\$24,075.00
32 13 00	site concrete	92,071.00		\$344,336.00	\$163,867.15	\$2,588.00
32 13 00	sidewalks	92,071.00				
32 17 00	striping/signage	92,071.00				
32 31 13	chainlink fencing	92,071.00				
32 31 19	wrought iron fencing	92,071.00		\$189,760.00		
32 32 00	retaining walls	92,071.00				
32 80 00	irrigation	92,071.00				
32 90 00	landscaping	92,071.00				
	Division 32 total			\$903,040.00	\$319,422.65	\$26,663.00
Div 33	UTILITIES					
33 00 00	site utilities	92,071.00				
33 21 00	wells	92,071.00				
33 32 16	lift station	92,071.00				
33 36 00	septic system	92,071.00				
33 40 00	stormwater/drainage	92,071.00				
33 49 23	drywells	92,071.00				
	Division 33 total			\$0.00	\$0.00	\$0.00
	Subtotal	\$2,383,396.65		\$1,802,126.92	\$500,836.14	\$80,433.59
5.00%	Contractor Fee		\$141,096.18	\$106,685.23	\$29,649.31	\$4,761.64
3.50%	Contactor Contingency		\$98,767.33	\$74,679.66	\$20,754.52	\$3,333.15
0.35%	Builders Risk/Liability Insurance		\$9,876.73	\$7,467.97	\$2,075.45	\$333.31
1.10%	Performance & Payment Bonds		\$31,041.16	\$23,470.75	\$6,522.85	\$1,047.56
5.59%	Sales Tax		\$157,745.53	\$119,274.09	\$33,147.93	\$5,323.51
	Subtotal	\$2,821,923.57		\$2,133,704.62	\$592,986.19	\$95,232.76
	Grand Guaranteed Maximum Price (GMP)	\$2,821,9	23.57			



PROJECT: Creighton School Rebuild

REV DATE: 5/14/19

DIV	DESCRIPTION	TOTAL QUANTITY	UNIT TOTAL COST
1A	Survey and Layout SURVEY Subtotal Survey and Layout	91,475 SF	13,629.78 <b>13,629.78</b>
2A	Demolition DEMO PAVING Subtotal Demolition	91,475 SF	66,776.75 <b>66,776.75</b>
3A	Concrete CURB AND GUTTER PCCP PAVING Subtotal Concrete	2,539 LF 22,144 SF	19,931.15 143,936.00 <b>163,867.15</b>
31A	Earthwork  MASS GRADING  ASPHALT PAVING - HEAVY DUTY  Subtotal Earthwork	10,164 sy 6,828 sy	34,374.27 155,555.50 <b>189,929.77</b>

	OFF SITE IMPROVEMENTS		
1A	Survey and Layout		
	SURVEY	596 SF	88.21
	Subtotal Survey and Layout		88.21
2A	Demolition		
	SAW CUT, DEMO PAVING	1 EA	4,900.00
	Subtotal Demolition		4,900.00
3A	Concrete		
	CURB AND GUTTER	154 LF	2,588.00
	Subtotal Concrete		2,588.00
31A	Earthwork		
	MASS GRADING	596 SF	2,015.67
	ASPHALT PAVING - HEAVY DUTY	596 SF	13,575.00
	MICROSEAL PAVING @ MCDOWELL	1 LS	10,500.00
	TRAFFIC CONTROL	1 LS	12,500.00
	Subtotal Earthwork		38,590.67
	Electrical		
26A	UG Conduit	78 LF	4,008.00
	Traffic Signal	1 EA	18,500.00
	Subtotal Electrical		22,508.00



AME SUBJECT TO THE INTERPRETATION OF INTERFEDY THE ENGINEER, ALL QUESTIONS THESE PLANS ABUL TE PRESENTED TO THE ENGINEER. ANYOUR WHOD TAKES UNCH HERSELF THE EDMANING OF HAMES ENGINES TO THEST WITHOUT CONTEREING WITH THE YORK SHALL BE RESPONSIBLE FOR THE CONTEQUENCES THEREOF.

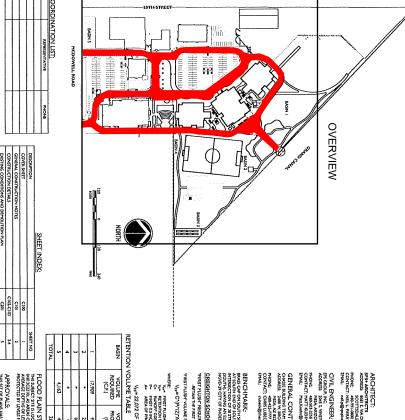
GRADING QUANTITIES
TOTAL NAW CUT - 11,100 CY
TOTAL NAW FILL - 5,368 CY
TOTAL - 5,812 CY (CUT)

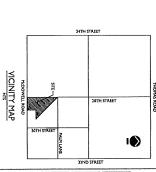
MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT: 
IN ACCORDANCE WITH ANCERIEACH, ALL PATEMAS ADDID AFTE, MAUGAY I, 1951 WHICH HAY COME 
INTO CONTACT WITH DEBINANCE WATER SHALL CONFORM TO INITIONAL SANTIATION FOUNDATION 
STANDARDS SO AND S.

AS-BUILT CERTIFICATION:
INSURY CRITEY THAT THE RECORD DIAMYING' HEXURENINT'S ARE SHOWN
INSURE HAD UNDER HY SHEWINGON OR AS NOTED AND ARE CORRECT
TO THE BUT OF MY KNOWLEDGE AND BELLE:

DATE

#### 17-410 Creighton Elementary School (A) 4 FOCH 80 PPC WATELINE (II) T FOCH 80 PPC WATELINE (III) T FOCH 80 PPC WATELINE (IIII) T FOCH 80 PPC WATELINE (III) T FOCH 80 PPC WATELINE (III) T FOC (%) IT HORE STORM DIAMILISATIN AND SLOPE FIR PLAN (\*\*\*) IT HORE STORM DIAMILISATIN AND SLOPE FIR PLAN (\*\*\*) IN HORE STORM DIAMILISATIN AND SLOPE FIR PLAN (\*\*\*) IN HORE STORM DIAMILISATIN AND SLOPE FIR PLAN (\*\*\*) IN HORE STORM DIAMILISATIN AND SLOPE FIR PLAN (\*\*\*) IN HORE STORM DIAMILISATIN AND SLOPE FIR PLAN (\*\*\*) DIAMILISATIN AND SLO (A) STAMENDE DUTT FAMETINT SECTION PER GESTECHNICAL REPORT (B) HEAVY DUTT FAMETINT SECTION PER GESTECHNICAL REPORT (C) DECORATIVE PAMPENT SECTION PER LANGSCAME FLANS (G) CONCRET PAMPENT SECTION PER LANGSCAME FLANS (G) CONCRET PAMPENT SECTION PER LANGSCAME FLANS (G) PER LANG HAVE SED DIL 721 THE A (G) DUNNWAY PER COJ. STID DIL 721A (G) DUNNWAY PER COJ. STID DIL 721 (2) CONSTRUCT I HIGH BRINE (2) SCHIRMLEN HACE DIE, OPERING WOTH (L.) (3) SCHIRMLEN HACE DIE, OPERING CHEMIC OFFI (3) ON FROM THE HADOWALL PIE HACE STO DIE, 20) (3) SANCOTI AND ENDING DESTING CHEMIC FAMALT PARTIENT. (20) THE NOTITE (21) (E) SIDEWALK PER MAG 3TO DTL 230 (III) SCLIPPER MAG 256, OPENING WIDTH (1-5) (III) A'EDA, STORIN HANNHOLE HAG DTL 522 "SVALLO (III) A'EDA, STORIN HANNHOLE HAG DTL 522 "SVALLO (III) A'EDA, STORIN HANND P1220 () F DLF. (CL.29) WATBLINE () F DLF. (CL.29) WATBLINE () F SELF HIDWAYT COPPLETE WEEDBLIT PRELLIDING GATE WAVE AND TEL () PER C.O.F. TED. BETALL PLANE (WHETE DONNET) CONNECT TO EXISTING SEWER LINE, CONTRACTOR TO VERIFY DEPTH LOCATION OF EXISTING SEWER. (1) FIRE RISER LOCATION. SEE FIRE SYLINGLER PLAN FOR CONTINUATION (II) CONNECT TO DISTRING IF FIRELINE, CONTINACTOR TO CONTIACT ENGINEER, WITH SIZE AND CONDITION OF DISTRING FRELINE. (2) SUBBLER BOX: MAG 537 (DOUBLE) WITH OPEN BOTTOM FILLED WITH JAG CLEAN GRADED STONE (i) VERTICAL REALIGNMENT OF WATERLINE PER CO.P. STD DTL P1370 (ii) 8" x 8" TEE (8) 8" DOUBLE CHECK BACKSLOW PREVENTION ASSEMBLY PER CO.P. STD. DEFAIL PUSS AND DEFAIL SHEET 1. ♦ 6" (SDR-J3) PYC SEWER SERVICE LENGTH AND SLOPE PER PLAN. SEMER CLEANOUT ♦ 4° DIA MANHOLI PER MAG STD DTL 420-1 AND C.O.P. STD DTL P1424 e" (SDR-33) PVC SEWER PIPE, LENGTH AND SLOPE PER PLAN. ON-SILE ERRINE NOTES EXISTING SEWER SERVICE, ASSUMED 2,08% SLOPE SEE MECHANICAL PLUMBING PLANS FOR CONTINUATION 1590 SF 752 LE 972 UF 2413 SY 15 878 19 EA 5 - 2 2 2 5 2 EA ž STAKING NOTES: CALL THE BLUE STAKE CONTER, (141-1100) 48 HOURS BUTORE DISCURS FOR LOCATION OF LINDERGROUND UTILITIES AND HORDITE 589: CREIGHTON ELEMENTARY SCHOOL DESCRIZTION. A PORTION OF THE NORTHWEST QUARTER OF SECTION 24, TOWNSHIP 2 NORTH, ANGE 3 EAST OF THE GILA AND SALT RIVER MERIDIAN MARICOPA COUNTY, ARIZONA





ESTIMATED ON-SITE QUANTITIES
QUANTITIES ARE FOR ESTIMATING PURPOSES ONLY, ENGINEER MAKES

IMPROVEMENT PLANS

PHOENIX, ARIZONA

#### BASIS OF BEARING: THE NORTHLUNE OF THE NORTHLUNE OF THE NORTHLUNE OF THE NORTHLUNE OF THE DEATH CREIGHTON ELEMENTARY SCHOOL REPLACEMENT PROJECT 2802 E. MCDOWELL RD

ADDRESS: 2105 SOUTH HANDY DRIVE, SUITE 13
TEMPE, ANZONA, BEZIZ
PHONE 480-721-4100
CONTACT; KENNETTA RICKER,
RAMM PROJECT IN: G23101 GEOTECHNICAL ENGINEER:

BENCHMARK:

BRASS CAP ON SOUTH SIDE OF BRIGATION BOX,

AT SOUTH OND OF SOUTHWEST KETURN, AT THE

MYDISCITION OF 36 TREET AND HICDOWILL

(SOUTH), HANNER ON ELEXYNION OF HILLON,

NOVD-29 CITY OF PHOENIX DATURL

FIRST FLUSH' REQUIREMENT

RETAIN THE FIRST 0.6 INCH OF DIRECT RUNOFF FROM A STORM EVENT. CREIGHTON SCHOOL EXPANSION " FIRST FLUSH" REQUIREMENTS CIVIL ENGINEER:

BY GADUR NC.

AODRESS. 2045 S. VNETABO AVE. 5TL 101

HONE HEA. ANZONA 5510

HONE 485-501-2350

CONTACT: NAT NAIBN

EMAL: MILKNINGO-propinc.com

LANDSCAPE ARCHITECT:
PS GROUP, INC.
ADDRESS: 2015 S. VINEYARD AVE. 3TE 101
HEX. AUZEVA 83310
HEX. AUZEVA
HEX. AUZEVA
GONTACT: 101 SWIDEN
EVAL: Incharge (Group prospinscom)
EVAL: Incharge (Group prospinscom)

GENERAL CONTRACTOR:
CHASE BUILDING TEAM
ADDRESS: EAS W. BROADWAY
HEAL AND ASSET
HORE 480-435-777
CONTACT: CHIEF USECK
EMALE: claeck@thaire.us

ARCHITECT:
\$P\$\$- ARCHITECTS
\$P\$\$- ARCHITECTS
ADDRESS: 881 C. WA DE NEGOCIO
ADDRESS: 881 C. WA DE





THIS SET OF PLANS HAS BEEN ANOWNED DIES COPPLANCES WITH OTT RECUIETIONET PRIOR TO ESSAN PRIMET, THE CITY HERRER ANCEPTE AND ASSAURES AND HERRER REGIONES OF HER COMPLANCE APRIONAL SHALL NOT PREVEIT THE CITY ENGINEER RICH HERCHIENG CORRECTIONS OF BRIODES ON OMEGOINE MALMS CRAINED TO BE IN YOULKHOLD OF LAW ON ENDINANCES.

APPROVALS:



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HEADOR PLAIN STATEMENT:

HEADRICT STITE LOCATION NOOD 2006 EMANDED "Y" WHICH IS BRITTED ON THE TENN ISM

HEADRICT STITE LOCATION NOOD CHARLES ON HAIR OWNER CHARLES ON WITH

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VOLUME REQUIRED FOR BASINS 2, 3, AND 4 IS ACCOUNTED FOR IN THE VOLUME REQUIRED FOR BASIN 1.



"GEOTECHNICAL ENGINEENING REPORT NEW
CAMPUS REPLACEMENT, CREGHTON BLEVENTARY
SCHOOL 2002 EAST PICCOWELL ROAD, PHOENIX,
ARIZONA, "RAPHY (RICKER, ATRINSON PICIE
MORMAN A ASSOCIATES, INC. AUGUST 14, 2017.

GEOTECHNICAL REPORT

VOLUME REQUIRED (C.F.)

PROVIDED (C.F.)

MURRE:

MUM FREST ELUSH VOLUME REQUIRED (CF)

WH RETENTON VOLUME PROVIDED (CF)

CHAUNDER COEFFICIENT (1.09)

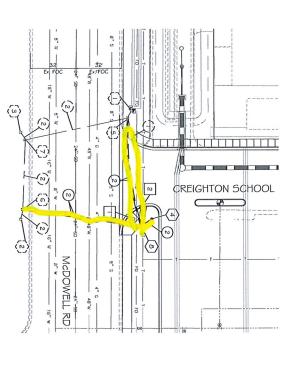
PHENEST 1.5 INCH OF DIRECT HUNDEF

AH AREA OF PROJECT SITE IN ACRES (12.16 AC)

V<sub>FF</sub>= C\*(P/12)\*A

PHOENIX, AZ

COVER SHEET



#### GENERAL NOTES:

- 1.( The contractor shall notify the Cay Of Prepart Trillie Synal Shop (2022-265-2753) a minimar of correct (14) clastice shap prior to beginning any traffic ayall work. Submittato of all equipment shall be firmated to the Synal Shop and approved prior to the codering of any traffic ayall equipment. The contractor shall enry that they have the most current set of drawings prior to start and ordering of any equipment.
- 1.2 Foundation elevations must be within 1/4" of finished sidewalk grade.
- 1.3 The Contractor shall layout of all ADA ramps, junction boxes and foundation locations for approval by the traffic signal representative. All ADA ramps shall be layed out in write marking paint to determine best traffic signal pole locations.
- 1.4 A minimum of four (4) feet of clearance is required between all traffic signal poles and the back edge of sidewalk pedestrian ramps.
- -5 Traffic Signal Plan approach is waid for 36% calendar draps from data scaled.
  Il signal construction has one begin primer to the 36% days calendar, the
  agent plane must be re-submitted for approach or an extension granted by
  the Depthy Drector Fields Sorvices or an authorized representative to
  ensure that existing traffic signal capipment locations and standard detail
  effections are content.
- .6 The controctor shall have a competent supervisor capable of reading and throughly understanding the plate and specifications and throughly enderstanding the plate and specifications and throughly experienced in the controlled not be reported. The controlled specification of the specification of the controlled specification and experience of test shall process a centrell international himmephi Signal Accountain (May Live III Trail Signal Excitation Certification and experience of the controlled specification and controlled specification and

## CONTRACTOR NOTE FOR CITY OF PHOENIX TRAFFIC SIGNAL POLES

The contractor shall provide and install number (1) City of Phoenix Type LM foundation, all with anchor cages, nuts bolts per C.O.P. Street Transportation drawing # 10164.

# The contractor shall provide the traffic signal equipment as indicated in note 2. The contractor is to provide all underground work including, but not limited to:

- All demolition work, unless otherwise noted

  All transitions

  All invariants

  All invariants

  All invariants

  All invariants

  (poet, controller and power service prodestal)

  All poet arribors region, ricks and bottle required for pole foundations installed

  by the contraction in addition to three specified in note 2.1

  All procords poses with 1.0' of sump

  Put conduction.
- Provide and install the power service pedestal
   Provide and install conduit runs from PSP to Utility Company feed
- 3.2 3.2 All underground conducts shall be arbeted of one polymy feltoned (FVG) unabled 24 which so 20 on these book missed and an earth the cooption of loop feach in conduits, which shall be arbeted of Ongel FVG installed in accordance with the titase GVg of Fromon Standard Geath Sinets. All conduits shall be metalled in straight times (which approved by the Signal Shopp inspection) purclain host be justed to appropriate by the production box to signal adjunction force is purclain box to signal adjunction force to the conduction and sense of the conduction box of signal or the primary. All conducts making missing the conduction box to signal on the primary all conduction box of signal or serviced. Conducts in the future, All conducts entering understand with formational box one be better or conduction and secured with formational mode with the Standard of the conduction with security with products with a "Security of the conduction and security those in the conduction advanced box of this signal of properties are so.

### 3.3 Removal of existing streetlights:

- e contractor shall:

  Request de-energication of all streetlights listed for removal,

  Proyeds complete removal of streetlight pole, must arm and lummaire

  Properly dispose of all streetlight material
- WORK TO BE PERFORMED BY CITY OF PHOENIX SIGNAL CREWS The City of Phoenix traffic signal crews will provide and install all above ground traffic signal equipment including:

(602) 263-1100

TER CITY OF PHORIEX CITY CODE CHAPTER 2, SECTION 2-26, THESE PLAIS ARE FOR CITYCULUSE, ONLY 4 MAY NOT BE SHAPED WITH OTHERS DICKEY AS RECURRED TO PLUFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHORIEX."

TRAFFIC SIGNAL PLANS CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

McDOWELL RD & CREIGHTON SCHOOL

FOUNDATION

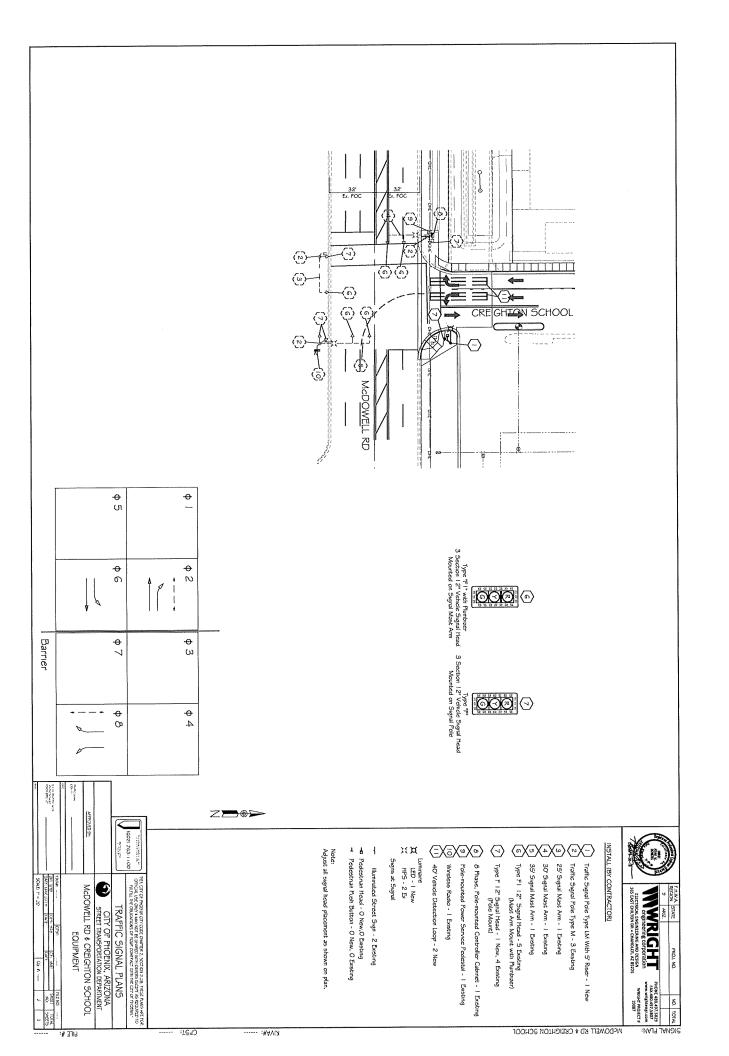
SHEET TOTAL

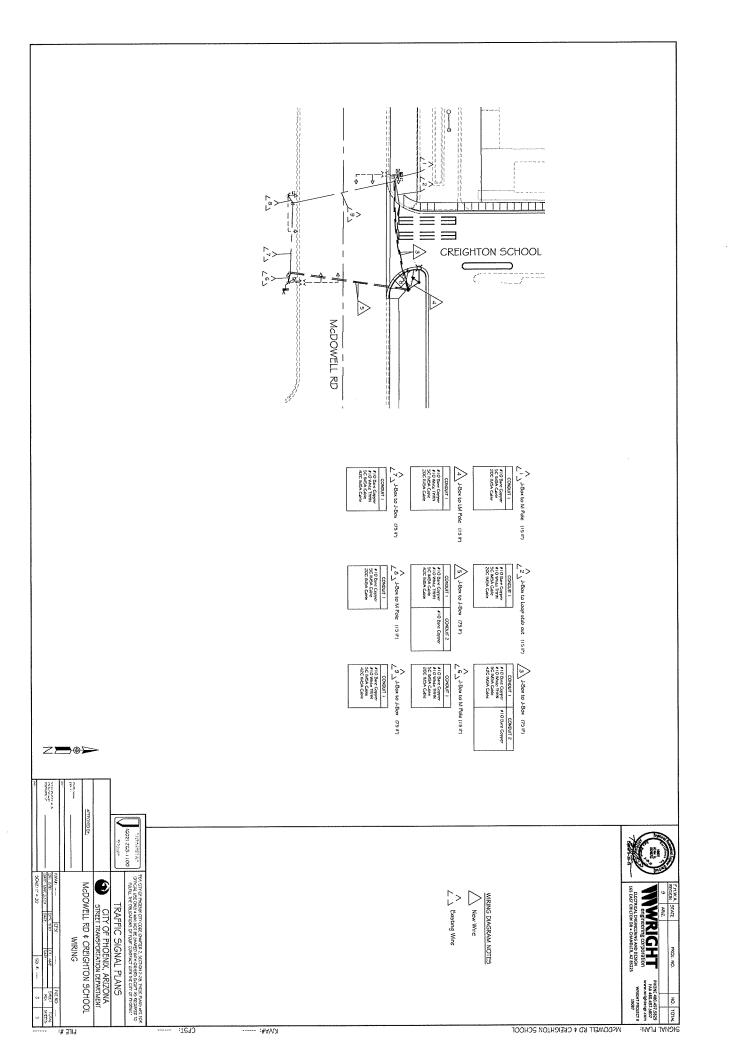
- All poles and must arms
  All update heads
  All update heads
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  All APS posh bettors
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  All radios

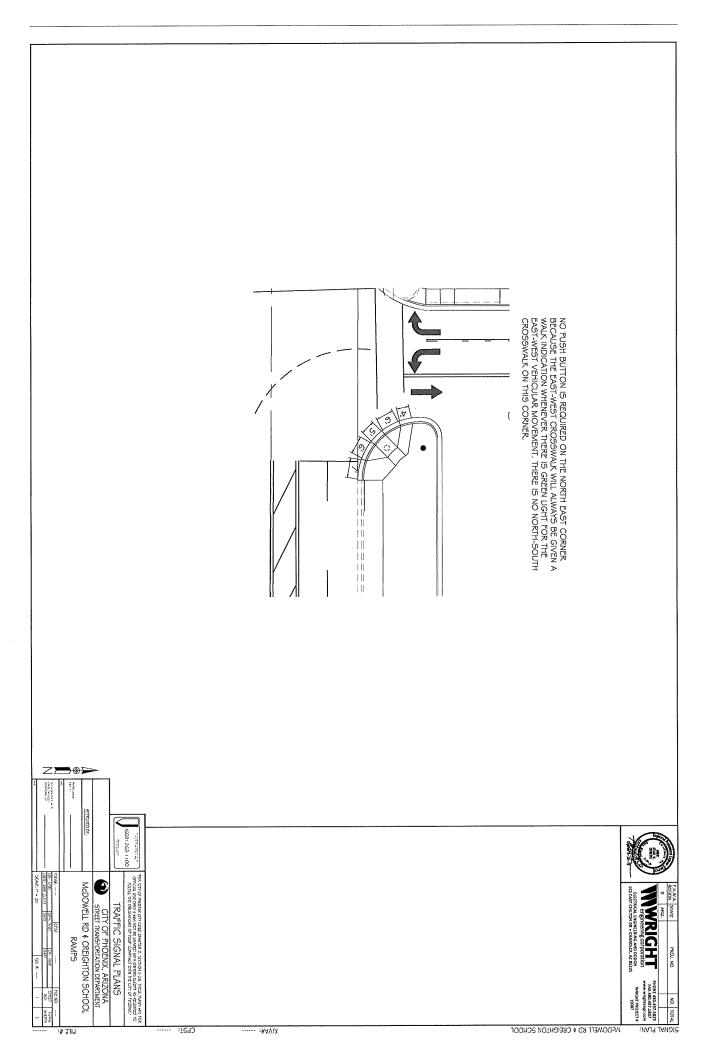
Z

REMOVE INSTALL

| thru | 4 | See Foundation Schedule |
| 5 | thru | 8 | See Junction Box Schedule | 2" Schedule 40 PVC with #10 copper pull wire bent over lip of stubout ADMUK. Junction Box - 1 Traffic Signal Foundation - I REGION STATE
9 ARIZ. WWRIGHT engineering corporation ELECTRICAL ENGINEERING AND DESIGN 165 EAST CHILTON DR • CHANDLER, AZ 85225 PROJ. NO. PHONE 480.497.5829 FAX 480.497.5807 www.wrlghtengr.com NO. TOTAL







21 - 1.1 - SURVEY - 44,340 SF EXISTING DISTRICT BLDG FF=1131.20 FF=1131.42 FF=1131.50 168 SAZ FF=1132.25 EXISTING GYM KEEP REMAINING
BUILDINGS IN SERVICE.
EXISTING UTILITIES
AND STORM DRAIN SHOW
ARE SCHEMATIC ONLY. NOTE: CAUTION
CONTRACTOR TO VERIFY
EXISTING UTILITIES AND

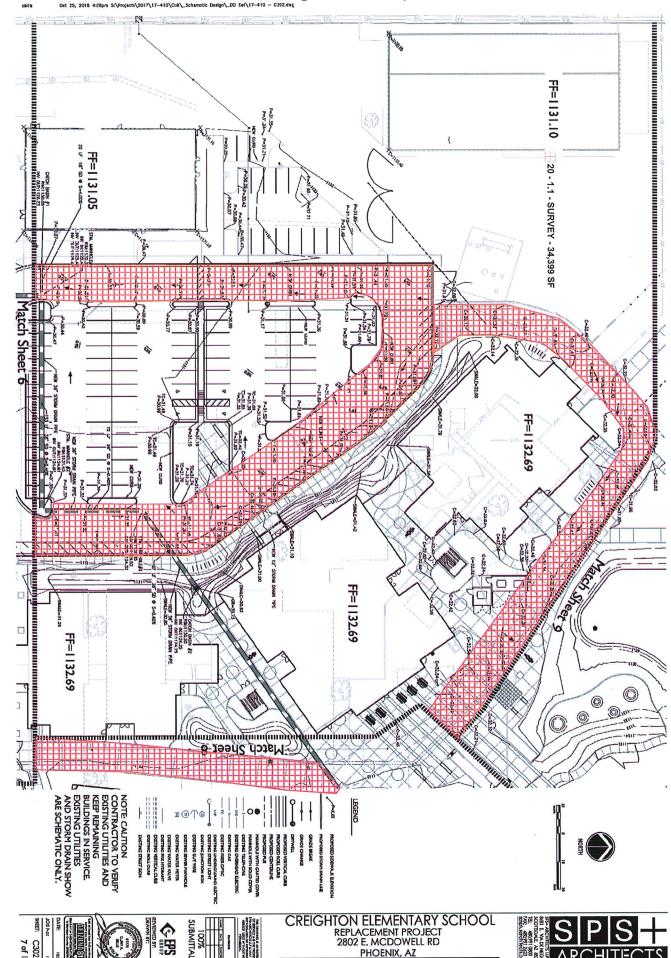


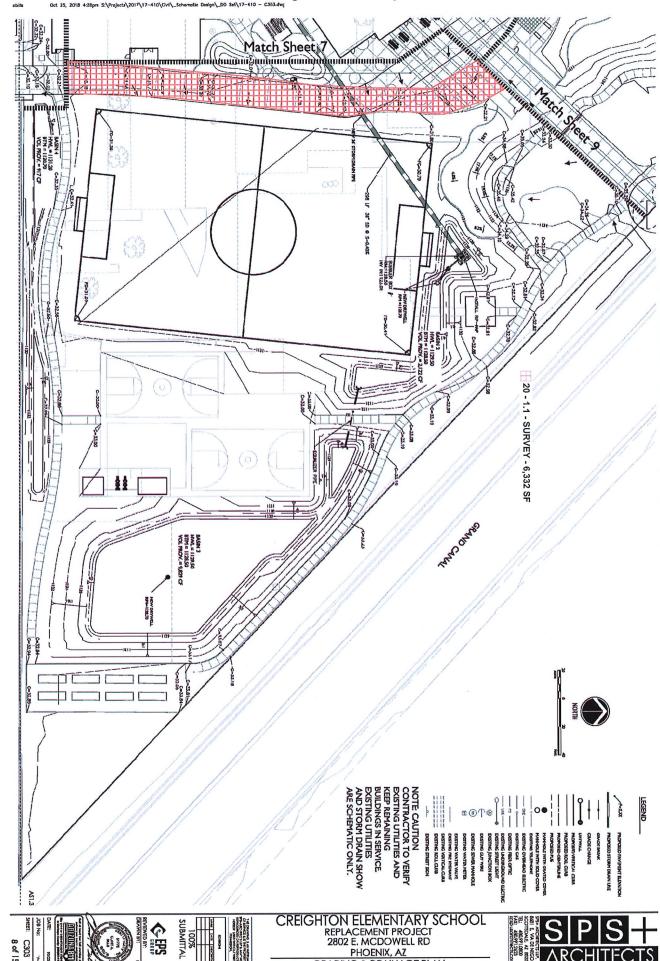












17-410 Creighton Elementary School FF=1131.10 Match Sheet 7 **⊞** 20 - 1.1 - SURVEY - 6,404 SF NOTE CAUTION
CONTRACTOR TO VERIFY
EXISTING UTILITIES AND
KEEP REMAINING
BUILDINGS IN SERVICE.
EXISTING UTILITIES
AND STORM DRAIN SHOW
ARE SCHEMATIC ONLY.



CREIGHTON ELEMENTARY SCHOOL REPLACEMENT PROJECT 2802 E. MCDOWELL RD PHOENIX, AZ

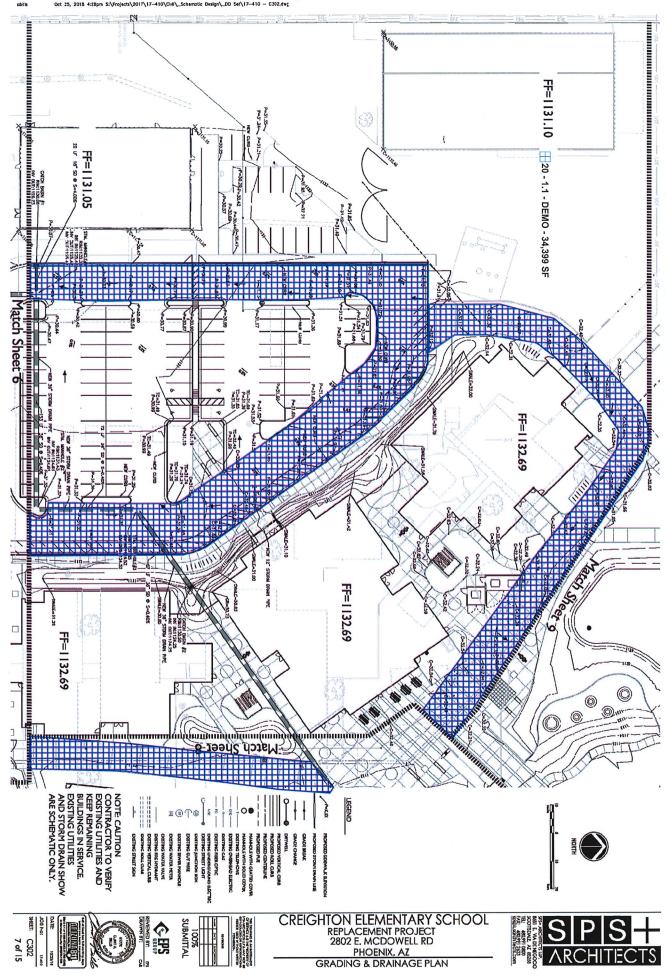




SUBMITTAL

CREIGHTON ELEMENTARY SCHOOL REPLACEMENT PROJECT 2802 E. MCDOWELL RD PHOENIX, AZ



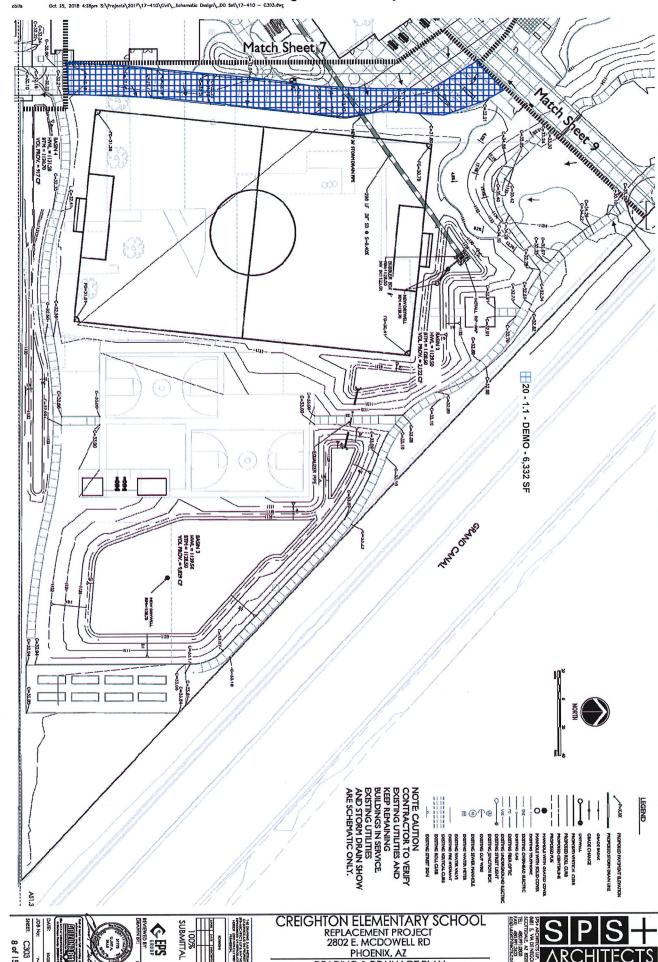












FF=1131.10 Match Sheet 7 **⊞ 20 - 1.1 - DEMO - 6,404 SF** CONTRACTOR TO VERIFY EXISTING UTILITIES AND KEEP REMAINING BUILDINGS IN SERVICE. EXISTING UTILITIES AND STORM DRAIN SHOW ARE SCHEMATIC ONLY. CREIGHTON ELEMENTARY SCHOOL REPLACEMENT PROJECT 2802 E. MCDOWELL RD PHOENIX, AZ GRADING & DRAINAGE PLAN

17-410 Creighton Elementary School 21 - 1.1 - HEAVY DUTY ASPHALT PAVING - 41,500 SF EXISTING DISTRICT BLDG FF=1131.20 FF=1131.50 202 150 FF=1132.25 NOTE: CAUTION
CONTRACTOR TO VERIFY
EXISTING UTILITIES AND
KEEP REMAINING
BUILDINGS IN SERVICE.
EXISTING UTILITIES
AND STORM DRAIN SHOW
ARE SCHEYATIC ONLY.

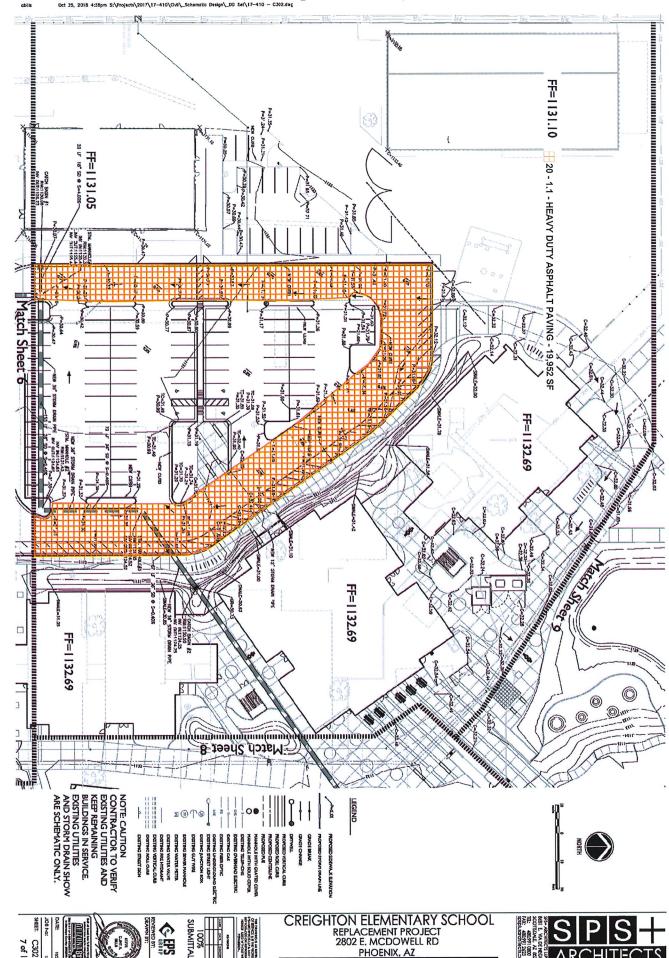


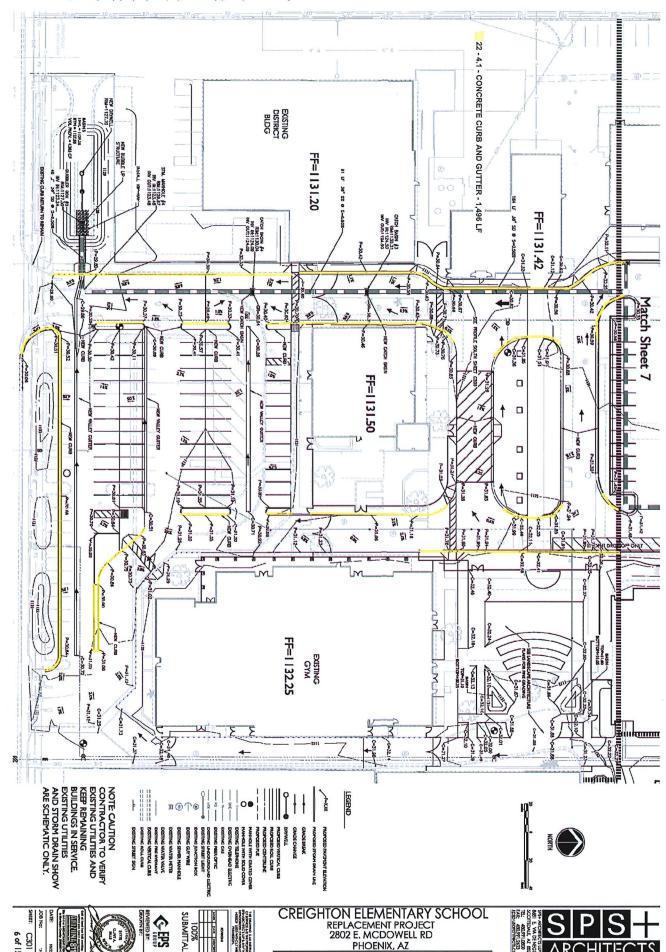






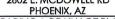




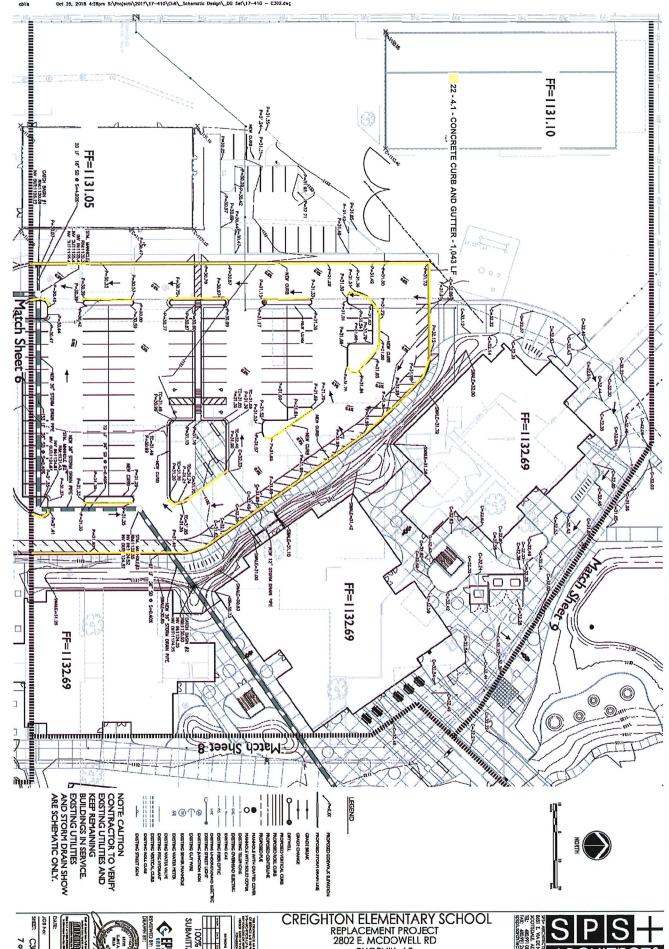










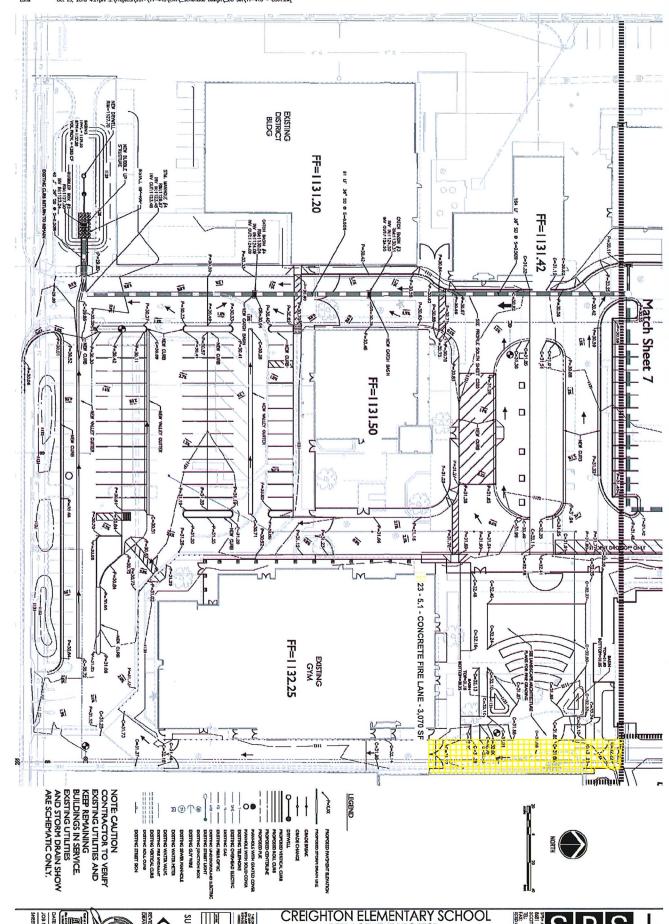




PHOENIX, AZ



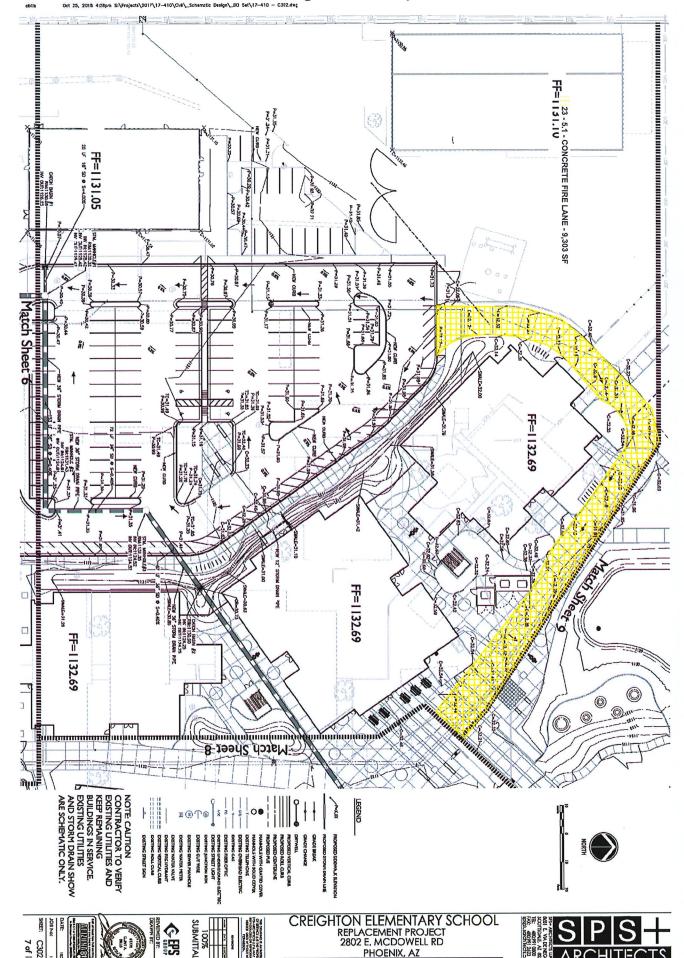


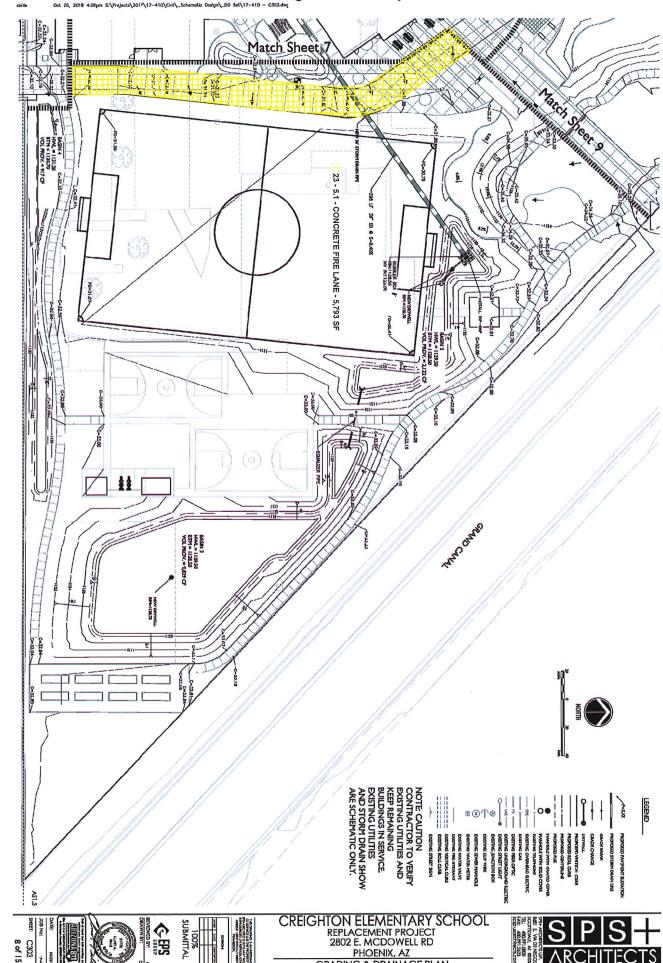


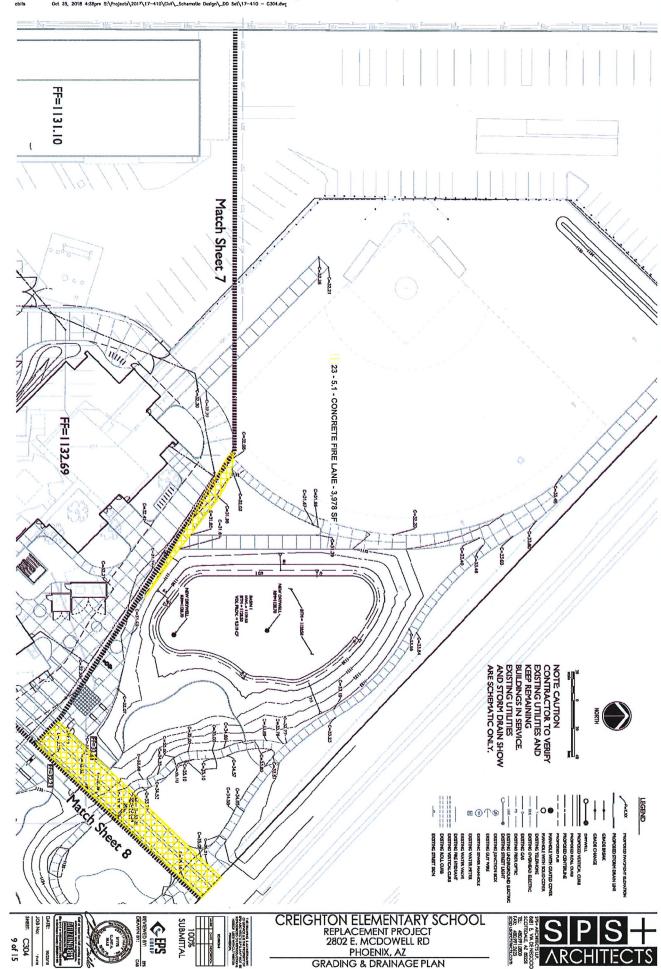


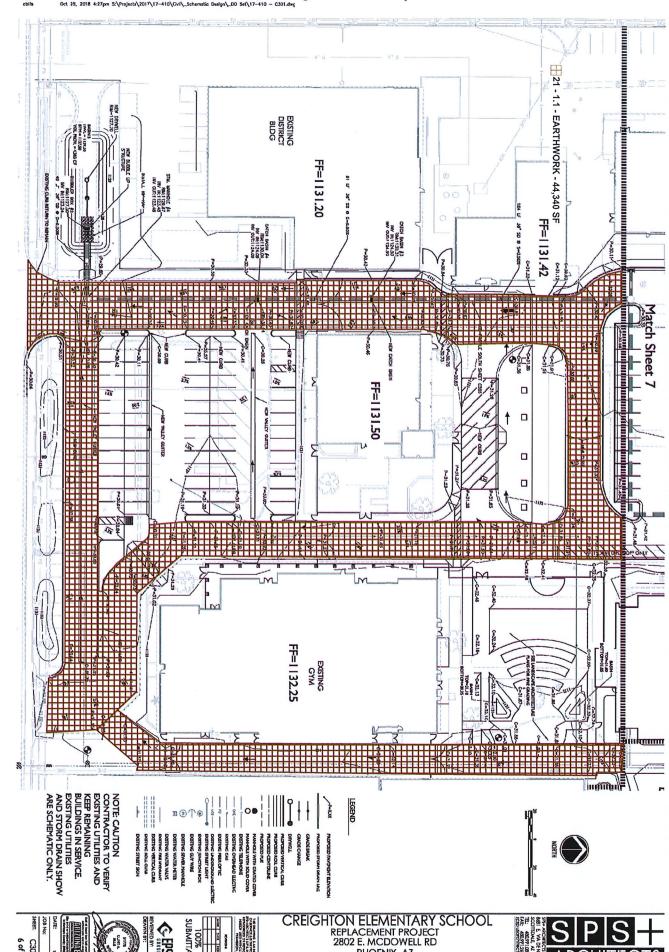
CREIGHTON ELEMENTARY SCHOOL REPLACEMENT PROJECT 2802 E. MCDOWELL RD PHOENIX, AZ GRADING & DRAINAGE PLAN













PHOENIX, AZ **GRADING & DRAINAGE PLAN** 



