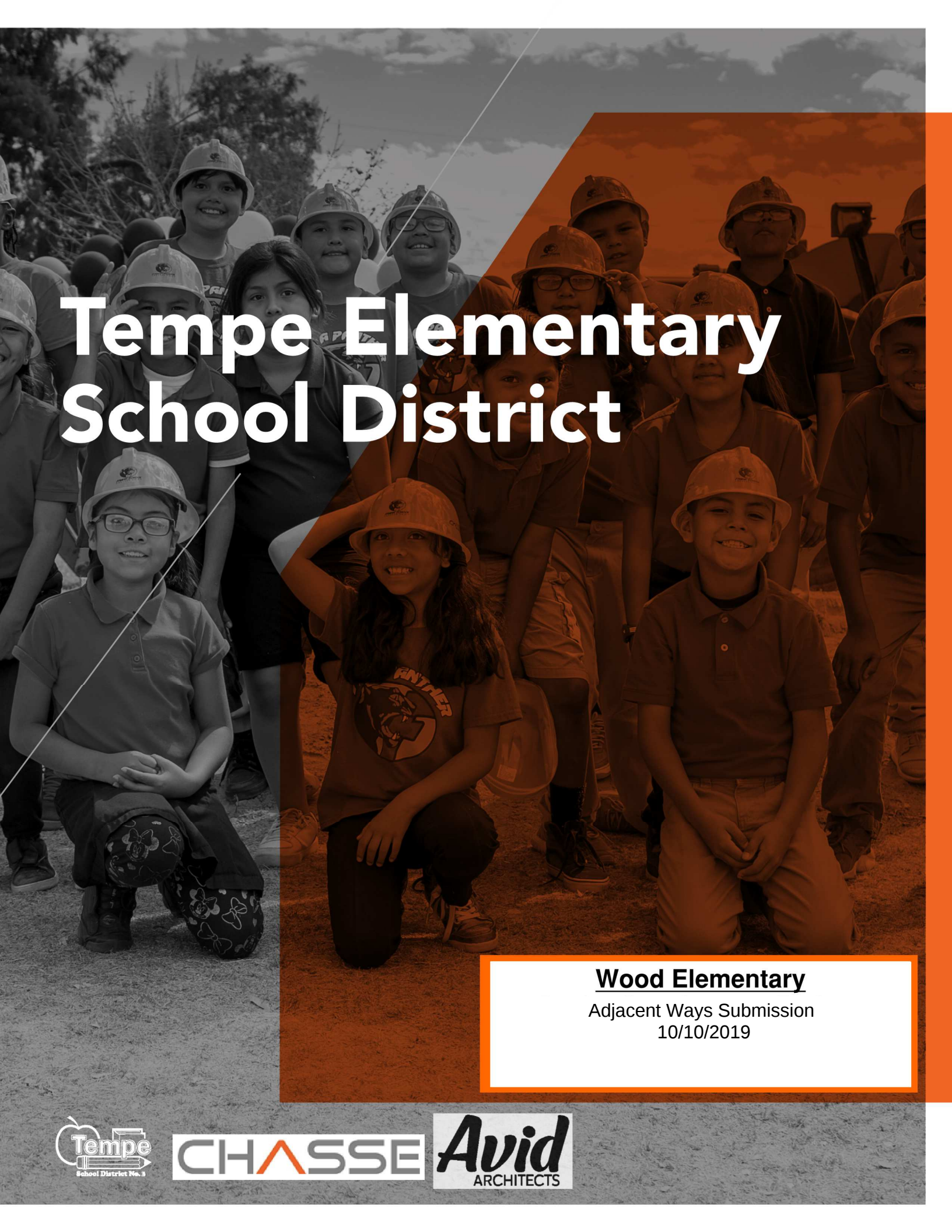




Tempe Elementary School District

Wood Elementary

Adjacent Ways Submission
10/10/2019



Exhibit B - Schedule of Values (Adjacent Ways)

Tempe Elementary School District

Wood Elementary School

October 10, 2019

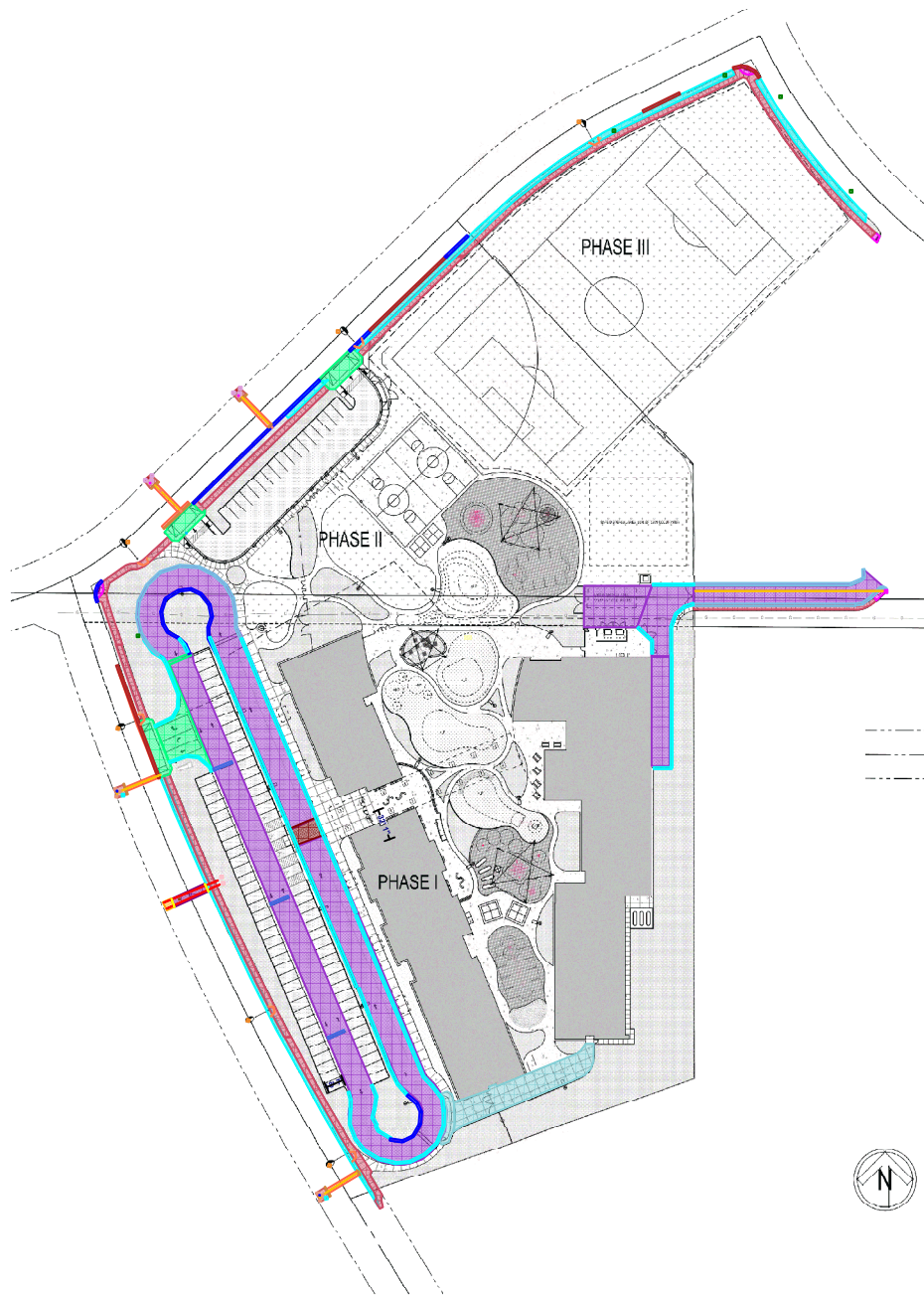
DIV	DESCRIPTION	Adjacent Ways
1B	Survey & Layout	2,500
3A	Concrete	181,293
26A	Electrical	102,449
31A	Earthwork & Paving	293,436
32B	Landscaping	36,510
33A	Site Utilities	176,357
	General Conditions	60,846
	Owner Contingency	14,905
	Liability Insurance	9,936
	Builders Risk Insurance	4,968
	Payment & Performance Bond	10,930
	Gross Receipts Tax	52,315
	Contractor Fee	47,198
	TOTAL CONSTRUCTION COSTS:	993,645

Exhibit A.1 - Estimate Detail
Tempe Elementary School District
Wood Elementary School
October 10, 2019

DIV	DESCRIPTION	Adjacent Ways QUANTITY	UNIT	Adjacent Ways COST
1B	Survey & Layout			
	Offsite Improvements	28	Hours	2,500
	Total Survey & Layout			2,500
3A	Concrete			
	<u>Site Concrete</u>			
	12 - 6" Concrete Curb & Gutter	309	LF	5,562
	12 - 6" Concrete Curb & Gutter - ADJWAYS -	519	LF	9,342
	14 - 6" Raised Concrete Curb 7/A1.8	1,746	LF	27,936
	14 - 6" Raised Concrete Curb 7/A1.8 -adj -	646	LF	10,336
	16 - Concrete Sidewalk w/ Turndown 8A/1.8	10,983	SF	46,678
	18 - Concrete ADA Ramp	578	SF	5,202
	25 - Concrete Driveway	6,174	SF	46,305
	Concrete Fire Lane	4,276	SF	29,932
	Total Concrete			181,293
26A	Electrical			
	01 - Install One 71W LED Cobrahead Luminaire on a 25'6" Street pole	12	EA	60,000
	02 - Install new 2-1/2" Conduit from PB to Pole (2) #10 CU, (1) #8 CU Bond	205	LF	5,490
	03 - Install a new #3-1/2 pullbox with fuse holder	12	EA	36,959
	Total Electrical			102,449
31A	Earthwork			
	<u>Grading</u>			
	Mobilization, Mass Grading	2	EA	10,000
	Clear & Grub	1	Acres	2,068
	Mass Grading	6,673	SY	80,080
	<u>Asphalt Pavement</u>			
	Mobilization, Asphalt Pavement	2	EA	10,000
	Asphalt Pavement, Heavy Duty (Assumed 3"/6"ABC)	5,161	SY	149,669
	Asphalt Patch, Off-Site	249	SY	26,145
	Adjust Utilities	5	EA	6,250
	<u>Striping & Signage</u>			
	Fire Lane Striping & Signage	3,000	LS	3,000
	Offsite Striping, Half Street	250	LF	1,538
	<u>Misc Earthwork</u>			
	SWPPP Establishment	1	Acres	1,500
	SWPPP Maintenance	1	Months	250
	Street Sweeping	4	Weeks	600
	Construction Water	6,673	SY	2,336
	Total Earthwork			293,436
32B	Landscaping			
	<u>Irrigation</u>			
	Irrigation System	13,009	SF	7,155
	Irrigation Control System	1	EA	7,500
	<u>Groundcover</u>			
	2.1 - Decomposed Granite (Santa Fe Gold) + Soil-Loc + Planting along Offsites	13,009	SF	21,855
	Total Landscaping			36,510
33A	Site Utilities			
	<u>Fire (Onsite)</u>			
	<u>Public Water</u>			
	03 - Install 8" Polywrapped ductile iron	364	LF	32,760
	04 - Sawcut, Remove and Replace Existing AC Pavement	2,136	SF	10,680

Exhibit A.1 - Estimate Detail
Tempe Elementary School District
Wood Elementary School
October 10, 2019

DIV	DESCRIPTION	Adjacent Ways	UNIT	Adjacent Ways
		QUANTITY		COST
	05 - Sawcut, Remove and Replace Existing Vertical Curb & Gutter	185	LF	4,070
	06 - Sawcut, Remove and Replace existing concrete sidewalk	827	SF	5,789
	17 - Install 6" Tee w/ necessary fittings	4	EA	6,000
	<u>Offsite Domestic Water</u>			
	01 - Install new 2" Domestic Water Service, 2" VB&C	241	LF	12,050
	03 - Sawcut, R&R existing A.C. Pavement	75	SY	375
	04 - Sawcut, R&R Existing Concrete Vertical Curb & Gutter	37	LF	814
	05 - Sawcut, R&R existing concrete sidewalk to nearest joint	163	SF	1,141
	<u>Sewer</u>			
	03 - Sawcut, r&r existing concrete vertical curb and gutter	4	LF	15,415
	07 - Core Drill into existing Sewer Manhole	1	EA	1,500
	08 - Sawcut, R&R AC Pavement	193	SF	965
	11 - Install 8" V.C.P. Sewer Line	60	LF	5,400
	07 - Core Drill into existing Sewer Manhole	1	EA	1,890
	08 - Sawcut, R&R AC Pavement	193	SF	965
	<u>Storm Drain</u>			
	21 - Connect new 18" Flood Irrigation Pipe to existing pipe collar	2	EA	1,500
	22 - Install 18" Plastic Irrigation Pipe, SDR-51	394	LF	17,730
	Total Site Utilities			176,357



- GENERAL NOTES:**
- PARKING SUMMARY:**
- 01 - Install One 71W LED Cobrahead Luminaire on a 25'6" Street pole - Q1 6 EA
 - 01 - Install 12" Tee w/ necessary and appropriate fittings - Q1 2 EA
 - 02 - Install 12" to 8" reducer - Q1 2 EA
 - 03 - Install 8" Polywrapped ductile iron - Q1 182 LF
 - 04 - Sawcut, Remove and Replace Existing AC Pavement - Q1 1,068 SF
 - 05 - Sawcut, Remove and Replace Existing Vertical Curb & Gutter - Q1 93 LF
 - 06 - Sawcut, Remove and Replace existing concrete sidewalk - Q1 414 SF
 - 10 - Field Verify Elevation and Location of existing - Q1 3 EA
 - 12 - Install 12" Gate Valve w/ VB&C - Q1 6 EA
 - 16 - Install 6" Gate Valve w/ VB&C - Q1 6 EA
 - 17 - Install 6" Tee w/ necessary fittings - Q1 2 EA
 - 18 - Install 8" to 6" reducer - Q1 2 EA
 - 01 - Install new 2" Domestic Water Service, 2" VB&C - Q1 121 LF
 - 02 - See onsite domestic water line plans - Q1 2 EA
 - 03 - Sawcut, R&R existing A.C. Pavement - Q1 38 SY
 - 04 - Sawcut, R&R Existing Concrete Vertical Curb & Gutter - Q1 19 LF
 - 05 - Sawcut, R&R existing concrete sidewalk to nearest joint - Q1 81 SF
 - 06 - Field Verify Elevation and Location of sewer line - Q1 1 EA
 - 21 - Connect new 18" Flood Irrigation Pipe to existing pipe collar - Q1 1 EA
 - 22 - Install 18" Plastic Irrigation Pipe, SDR-51 - Q1 197 LF
 - 02 - Install new 2-1/2" Conduit from PB to Pole (2) #10 CU, (1) #8 CU Bond - Q1 103 LF
 - 03 - Install a new #3-1/2 pullbox with fuse holder - Q1 6 EA
 - 2.1 - Decomposed Granite (Santa Fe Gold) - OFFSITE - Q1 5,978 SF
 - 05 - DG Landscaping - Q1 5 EA
 - 12 - 6" Concrete Curb & Gutter - Q1 309 LF
 - 14 - 6" Raised Concrete Curb 7/A1.8 -adj - - Q1 646 LF
 - 16 - Concrete Sidewalk w/ Turndown 8A/1.8 - Q1 10,983 SF
 - 18 - Concrete ADA Ramp - Q1 289 SF
 - 23 - Painted Parking & Crosswalk Striping - Q1 1 EA
 - 25 - Concrete Driveway - Q1 4,553 SF
 - 42 - Crosswalk Speed Table - Q1 66 SY
 - 43 - Speed Bumps - Q1 59 LF
 - 48 - HD sphalt Driveway - ADJWAYS - - Q1 46,453 SF
 - 12 - 6" Concrete Curb & Gutter - ADJWAYS - - Q1 519 LF
 - 14 - 6" Raised Concrete Curb 7/A1.8 - Q1 1,746 LF
 - 16 - Concrete Fire Lane - Q1 4,276 SF



Overall Site Plan

SCALE: 1" = 60'

FDC

FIRE DEPARTMENT CONNECTION - SEE CIVIL PLANS

Wood Elementary School
Tempe Elementary School District
727 W. Cornell Dr.
Tempe, AZ 85283

OVERALL SITE PLAN

Owner Approval:

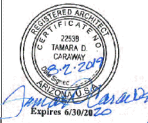
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Revisions:

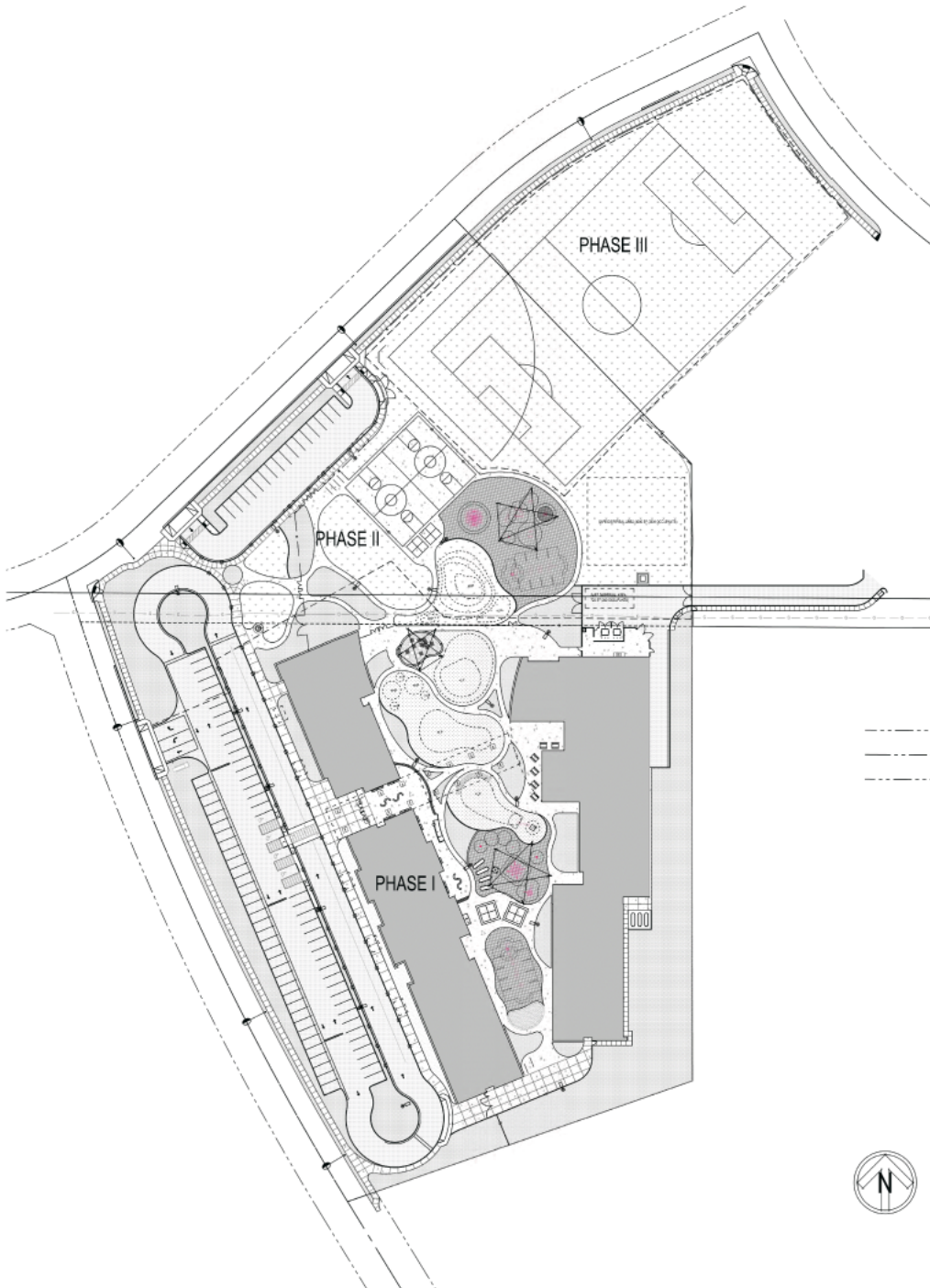
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Drawn by: JS, SS, AP, BE
Checked by: JS
Scale: As Shown
Date: 8/1/19
Issue: 1st Submittal



JOB #
19-002
SHEET
A1.0





GENERAL NOTES:

1. CONTRACTOR TO VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS BEFORE INSTALLATION AND/OR FABRICATION.
2. CONTRACTOR TO SUBMIT FIRE ALARM SYSTEM TO FIRE MARSHAL FOR APPROVAL.
3. CONTRACTOR SHALL PROVIDE ADA SLOPE FOR SIDEWALK CONNECTING ENTRY POINTS TO EXISTING SIDEWALK. CONTRACTOR IS TO PROVIDE WRITTEN NOTIFICATION IF GRADES ARE NOT ACCEPTABLE. CONTRACTOR TO REFERENCE CIVIL DRAWINGS FOR GRADING AND DRAINAGE.
4. SEE SHEET A1.5-A1.7 FOR SITE DETAILS. PLACE CONSTRUCTION SIGN AT FRONT ENTRY TO THE PROJECT FOR VIEWING.
5. CONTRACTOR TO PLACE PROJECT SIGN AT ENTRY INTO CAMPUS OR AS INDICATED BY OWNER.
6. CONTRACTOR TO REPLACE AND REPAIR EXISTING LANDSCAPE AND IRRIGATION SYSTEMS DEMOLISHED BY WORK. RELOCATE EXISTING VALVE BOXES, MAIN LINES, AND ASSOCIATED IRRIGATION SYSTEMS OUTSIDE WORK AREA. RECONNECT EXISTING SYSTEMS TO CREATE FUNCTIONING SYSTEMS THAT WILL BE INCLUDED WITHIN THE BUILDING WARRANTY PERIOD. CONTRACTOR TO COORDINATE WITH OWNER AND LANDSCAPE CONTRACTOR FOR ALL WORK ASSOCIATED WITH LANDSCAPE AND IRRIGATION.
6. NEW DECOMPOSED GRANITE SHALL BE PLACED IN ALL AREAS OF WORK WITHIN EXISTING DECOMPOSED GRANITE BOUNDARIES. NEW TURF SHALL BE PLACED IN ALL AREAS OF WORK WITHIN EXISTING TURF.
7. THE GROUND IMMEDIATELY ADJACENT TO THE FOUNDATION SHALL BE SLOPED AWAY FROM THE BUILDING AT A SLOPE OF NOT LESS THAN ONE UNIT VERTICAL IN 20 UNITS HORIZONTAL (5-PERCENT SLOPE) FOR A MINIMUM DISTANCE OF 10 FEET MEASURED PERPENDICULAR TO THE FACE OF THE WALL. IF PHYSICAL OBSTRUCTION OR LOT LINES PROHIBIT 10 FEET OF HORIZONTAL DISTANCE, A 5-PERCENT SLOPE SHALL BE PROVIDED TO AN APPROVED ALTERNATE METHOD OF DIVERTING WATER AWAY FROM THE FOUNDATION.
8. CONTRACTOR TO REFERENCE CIVIL DRAWINGS FOR ADDITIONAL CONCRETE SIDEWALKS AND WORK NOT INDICATED ON THIS SHEET.
9. CONCRETE TO SET ELECTRICAL POWER PROVIDED FOR VENDORS IN PAINTED STEEL PEDESTAL 1'1/4"x4"x4" W/ EXTERIOR GRADE OUTLET AS INDICATED BY ELECTRICAL.

LEGEND

	PROPOSED BUILDINGS
	ASPHALT - SEE CIVIL
	CONCRETE SIDEWALK - SEE CIVIL
	TURF - SEE LANDSCAPE
	NEW ARTIFICIAL TURF - SEE SPECS - SEE LANDSCAPE
	DECOMPOSED GRANITE - SEE LANDSCAPE
	SAND - SEE LANDSCAPE
	WOOD FIBER - SEE LANDSCAPE

	KEYNOTES - SEE ENLARGED SITE PLAN SHEETS
	PARKING/SITE LIGHT POLE W/ 2" DIA. 30" HIGH RAISED CONCRETE BASE - SEE ELECTRICAL PLANS
	71W LED COBRAHEAD LUMINAIRE ON A SINGLE ARM POLE WITH A 30" MOUNTING HEIGHT
	KNOB BOX LOCATION - COORDINATE W/ FIRE MARSHAL
	FIRE DEPARTMENT CONNECTION - SEE CIVIL PLANS

PARKING SUMMARY:

PARKING STALLS (PROVIDED)	101 SPACES
ACCESSIBLE PARKING (REQUIRED) PER I.B.G. 2012, TABLE 1106.1	6 SPACES
ACCESSIBLE PARKING (PROVIDED)	6 SPACES
ONE IN EVERY EIGHT ACCESSIBLE SPACES SHALL BE DESIGNATED "VAN ACCESSIBLE" PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, SECTION 208.4 (REQUIRED)	4 SPACES
"VAN ACCESSIBLE" PARKING (PROVIDED)	4 SPACES
TOTAL SPACES PROVIDED:	101 SPACES

BUILDING USE:

ELEMENTARY SCHOOL WITH PRE-K THRU 5 GRADES.

BUILDING SUMMARY:

NOTE: DOES NOT INCLUDE CANOPY AREAS OR OPEN AIR COVERED BREEZEWAYS ALL CANOPIES AND COVERED BREEZEWAYS ARE MADE OF NON-COMBUSTIBLE MATERIALS.

BLDG A: 1 STORY, TYPE V-B, AFES, 20'-0" TALL FLOOR AREA: 11,760 S.F.
BLDG B: 1 STORY, TYPE V-B, AFES, 21'-0" TALL FLOOR AREA: 22,040 S.F.
BLDG C: 1 STORY, TYPE I-B, TYPE V-B, AFES, 32'-0" TALL FLOOR AREA: 35,713 S.F.
TOTAL CAMPUS: 68,953 S.F.

Wood Elementary School

Tempe Elementary School District

727 W. Cornell Dr.
Tempe, AZ 85263

OVERALL SITE PLAN

Owner Approval:

1	
2	
3	

Avid
ARCHITECTS
20165 N. 67th Avenue, #1224
Glendale, AZ 85308
P: 602.682.7665
F: 602.595.9399

Revisions:



Drawn by: JS, SS, AP, BE
Checked by: JS
Scale: As Shown
Date: 8/1/19
Issue: 1st Submittal



JOB #
19-002

SHEET

A1.0



Overall Site Plan

SCALE: 1" = 80'-0"