



DATE: September 14, 2021

TO: All Offerors'

FROM: City of Brookhaven Purchasing Department

RE: RFP No. 21-115, Lynwood Park Splashpad

Please see Addendum No. 1 for the above-referenced solicitation.



1. The following change has been made to the above-referenced solicitation.

Questions and Answers

Revised Bid Schedule

Additional/Revised Attachments

2. All other terms and conditions remain the same.

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED 9/14/2021

A. The following are questions received and City of Brookhaven responses for the above-referenced solicitation:

1. It appears there are two types of coping. Please clarify what type of coping is to be used.
(Compare details 13/SP501 and 9/SP502)
Coping shall be per detail 13/SP501 which shows the pool deck extending over the pool beam/pool wall. See Addendum #1, Note 9.
2. Is there any addenda that have been released to date?
No. this is the first Addenda.
3. Can I get a copy of the updated plan holder list?
The Sign in Sheet has been posted to the City's website www.brookhavenga.gov .
4. What is the estimated construction cost?
Undetermined.
5. I am trying to locate the 3D renderings for the splashpad that were at the meeting at the front table.
The renderings can be seen at <https://www.brookhavenga.gov/parks-bond-ref>
6. Hi, will pre-bid meeting attendee list be published?
Please see question #3.
7. I would like to know the estimated construction budget for this project.
Please see question #4.

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

LYNWOOD PARK IMPROVEMENTS									
Construction Items Bid Schedule (Addendum No. 1 9/2/21)									
#	CONSTRUCTION ITEM			DESIGN QTY.*	UNIT	CONTRACT QTY.	UNIT COST	TOTAL COST	NOTES
1	Staking			1	ls			\$ -	See specifications
2	Clearing & Demolition							\$ -	See sheet C200 and specs
	A	Remove Park Access Road							
		1	Remove Asphalt Paving and Leave Base	2,920	sf			\$ -	See sheet C200 and specs
		2	Remove Asphalt Paving and Base	8,525	sf			\$ -	See sheet C200 and specs
		3	Remove Concrete Curb	100	lf			\$ -	See sheet C200 and specs
		4	Remove Steel Bollards at Entrance	8	ea			\$ -	See sheet C200 and specs
	B	Remove Concrete Paving							
		1	Remove Concrete Paving	5,155	sf			\$ -	See sheet C200 and specs
		2	Remove Steel Bollards	13	ea			\$ -	See sheet C200 and specs
		3	Remove Railing	100	lf			\$ -	See sheet C200 and specs
		4	Remove Concrete Steps	18	sf			\$ -	See sheet C200 and specs
		5	Remove Concrete Flume	290	sf			\$ -	See sheet C200 and specs

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

	C	Remove Pavilion		1	job			\$	See sheet C200 and specs
		1	Remove Granite Retaining Wall	120	lf			\$	See sheet C200 and specs
		2	Remove Concrete Slab	1,100	sf			\$	See sheet C200 and specs
	D	Remove Pool House							
		1	Remove Building, Complete	1,110	sf			\$	See sheet C200 and specs
		2	Remove Building Furnishings	1	job			\$	See sheet C200 and specs
		3	Remove and Salvage Pool Signs	1	job			\$	See sheet C200 and specs
		4	Salvage Safe	1	job			\$	See sheet C200 and specs
		5	Salvage Phone Line	1	job			\$	See sheet C200 and specs
		6	Salvage Data Line	1	job			\$	See sheet C200 and specs
		7	Salvage Security Camera System	1	job			\$	See sheet C200 and specs
	E	Remove Pool							
		1	Remove Pool, Complete	1	job			\$	See sheet C200 and specs
		2	Remove Chain Link Fence and Screening	340	lf			\$	See sheet C200 and specs
		3	Remove Concrete Decking and	6,250	lf			\$	See sheet C200 and specs

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

			Drainage Systems						
		4	Remove Pool Furnishings	1	job			\$ -	See sheet C200 and specs
		5	Remove and Salvage Pool Signs	1	job			\$ -	See sheet C200 and specs
		6	Fill and Compact Hole	1	job			\$ -	See sheet C200 and specs
	F	Upper Walkway Area							
		1	Remove Concrete Sidewalk	2,520	sf			\$ -	See sheet C200 and specs
		2	Remove Steel Bollards	7	ea			\$ -	See sheet C200 and specs
		3	Remove Wooden Bollards	6	ea			\$ -	See sheet C200 and specs
		4	Remove Wood Sign Post	1	ea			\$ -	See sheet C200 and specs
		5	Remove Chain Link Fence	160	lf			\$ -	See sheet C200 and specs
		6	Remove Drinking Fountain & Cap Waterline	1	job			\$ -	See sheet C200 and specs
		7	Remove 15" CMP & 2 Drain Inlets	1	job			\$ -	See sheet C200 and specs
		8	Remove Concrete Stairway & Railing	1	job			\$ -	See sheet C200 and specs

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

	G	Mendell Circle Area							
		1	Remove Concrete Curb and Gutter	382	lf			\$ -	See sheet C200 and specs
		2	Remove Concrete Sidewalk and Drive Apron	2,470	sf			\$ -	See sheet C200 and specs
		3	Remove Asphalt Paving	2,550	sf			\$ -	See sheet C200 and specs
		4	Remove Signs	2	ea			\$ -	See sheet C200 and specs
		5	Remove Granite Retaining Wall, Salvage Granite Block	1	job			\$ -	See sheet C200 and specs
		6	Remove Asphalt Paving (for sewer tie-in)	325	sf			\$ -	See sheet C200 and specs
		7	Cut and Revoove Concrete for Item #10H	1	job			\$ -	See sheet C200 and specs
	H	Remove Utilities							
		1	Remove Sewer Line	1	job			\$ -	See sheet C200 and specs
		2	Remove Riser Pipe	1	job			\$ -	See sheet C200 and specs
		3	Remove Water Line	1	job			\$ -	See sheet C200 and specs
		4	Remove Drainage System and Salvage Grates	1	job			\$ -	See sheet C200 and specs

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

		5	Remove Electrical Line and Meter	1	job			\$ -	See sheet C200 and specs
		6	Remove Water Meter	1	job			\$ -	See sheet C200 and specs
		7	Remove Power Pole	1	job			\$ -	See sheet C200 and specs
		8	Remove Electrical Power Service	1	job			\$ -	See sheet C200 and specs
		9	Remove Drainage Pipe and Inlets	1	job			\$ -	See sheet C200 and specs
		10	Locate Sewer Line and Manholes, Determine Elevs., Coord. w/Engineer	1	job			\$ -	See sheet C200 and specs
	I	Remove Irrigation System							
		1	Remove Complete Irrigation System	1	job			\$ -	See sheet C200 and specs
		2	Remove Water Meter and Service Line	1	job			\$ -	See sheet C200 and specs
		3	Remove Backflow Preventer	1	job			\$ -	See sheet C200 and specs
	J	Remove Site Furnishings/Items							

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

		1	Remove Picnic Table	6	ea			\$ -	See sheet C200 and specs
		2	Remove Bench	2	ea			\$ -	See sheet C200 and specs
		3	Remove Trash Receptacle	8	ea			\$ -	See sheet C200 and specs
		4	Remove Recycle Container	1	ea			\$ -	See sheet C200 and specs
		5	Remove and Dispose of Trash Receptacle Post	1	job			\$ -	See sheet C200 and specs
		6	Remove and Salvage Soccer Goal	8	ea			\$ -	See sheet C200 and specs
		7	Remove and Salvage Bleachers	4	ea			\$ -	See sheet C200 and specs
		8	Remove Dumpster, Salvage for Reuse	2	ea			\$ -	See sheet C200 and specs
		9	Remove and Salvage Pet Station	1	ea			\$ -	See sheet C200 and specs
	K	Remove and Salvage Park/Site Signage		1	job			\$ -	See sheet C200 and specs
		1	Remove and Dispose of Posts	1	job			\$ -	See sheet C200 and specs
	L	Remove Concrete Ramp		890	sf			\$ -	See sheet C200 and specs
		1	Remove Granite Retaining Wall	260	lf			\$ -	See sheet C200 and specs

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

		2	Remove Railing	260	lf			\$	See sheet C200 and specs
	M	Remove Concrete Walk with Stairs		720	sf			\$	See sheet C200 and specs
		1	Remove Granite Retaining Wall	340	lf			\$	See sheet C200 and specs
		2	Remove Railing	340	lf			\$	See sheet C200 and specs
	N	Remove Chain Link Fence and Gates		1,020	lf			\$	See sheet C200 and specs
	O	Remove Gravel		440	sf			\$	See sheet C200 and specs
	P	Remove Trees		1	job			\$	See sheet C200 and specs
3	Grading & Drainage			1	job			\$	See C500 Series Sheets
	A	Spare Sleeving-Moved to 19-SC10 Allowance Unit Price Items							
4	Erosion Control							\$	See C700 Series Sheets
	A	Initial Phase		4.75	ac			\$	See C700 Series Sheets
	B	Intermediate Phase		4.75	ac			\$	See C700 Series Sheets
	C	Final Phase		4.75	ac			\$	See C700 Series Sheets
	D	NPDES Monitoring - coordinate with City contract		1	ls			\$	See C700 Series Sheets
5	Entrance Road &							\$	

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

	Main Parking Area								
	A	Mill and Resurface Entrance Road Segment		3,100	sf			\$ -	See C100 and Detail 6/C400
	B	Heavy Duty Asphalt Paving		17,090	sf			\$ -	See C100 and Detail 6/C400
	C	Standard Asphalt Paving		13,920	sf			\$ -	See C100 and Detail 5/C400
	D	Heavy Duty Concrete Paving (including dumpster pad)		7,500	sf			\$ -	See C100 and Detail 2/C400
	E	Concrete Straight Curb		1,045	lf			\$ -	See C100 and Detail 7/C400
	F	Integral Concrete Curb		1,010	lf			\$ -	See C100 and Detail 8/C400
	G	Striping		1	job			\$ -	See C100 and Detail 6/C401, 9/C400, 1/C402, 7/C401, and 3/C402
	H	Dumpster Enclosure		1	ea			\$ -	See C100 and Detail 6/C404
	I	Crosswalk		255	sf			\$ -	See C100 and Detail 6/C401 and 1/C401
6	Concrete Walkways (Lower)							\$ -	
	A	Concrete Sidewalk		18,750	lf			\$ -	See C100 and Detail 1/C400,

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

									10/C400, and 4/C402
	B	Curved Retaining Wall		84	lf			\$ -	See C100 and Detail 2/C409
	C	Concrete Bench Pad		5	ea			\$ -	See C100 and Detail 17/C405
	D	Concrete Trash Receptacle Pad		4	ea			\$ -	See C100 and Detail 16/C405
	E	Concrete Trash & Recycle Receptacle Pad		2	ea			\$ -	See C100 and Detail 18/C405
	F	Condenser Pad & Screen		1	job			\$ -	See C100 and Detail 5/C405
	G	Decorative Saw Cut Joints		3,420	sf			\$ -	See C100 and Detail 3/C400
	H	Truncated Dome Mat (Handicap Parking Area)		8	ea			\$ -	See C100 and Detail 6/C401
	I	Truncated Dome Mat (Park Entrance)		1	ea			\$ -	See C100 and Detail 9/C400
	J	Truncated Dome Mat (Park Entrance)		6	ea			\$ -	See C100 and Detail 6/C401
7	Concrete Walkway (Upper)							\$ -	
	A	Concrete Sidewalk		2,780	sf			\$ -	See C100 and Detail 1/C400
	B	Concrete Bench Pads		2	ea			\$ -	See C100 and Detail 17/C405
	C	Concrete Trash Receptacle Pad		2	ea			\$ -	See C100 and Detail 16/C405

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

	D	10' Wide Concrete Stairway		500	sf			\$ -	See C100 and Detail 4/C409
	E	Concrete Cheekwall on 10' Foot Wide Stair		108	lf			\$ -	See C100 and Detail 1/C409
	F	8' Wide Concrete Stairway		352	sf			\$ -	See C100 and Detail 4/C409
	G	Concrete Cheekwall on 8' Foot Wide Stair		96	lf			\$ -	See C100 and Detail 1/C409
	H	Metal Railing on Stairways		204	lf			\$ -	See C100 and Detail 1/C409
	I	Black Vinyl-Coated Chainlink Fence, 4' Tall		150	lf			\$ -	See C100 and Detail 1/C403
8	Pool Area							\$ -	See Sheet C101
	A	Pool House (4650 sf)		1	job			\$ -	See C101 and Sheets A001 thru S801
		1	Fence and Main Entry Gate, 5' Tall	1	job			\$ -	See 1/A300, Item #13
	B	Perimeter Fencing							
		1	Black Vinyl Coated Chainlink Fence, 8' Tall	485	lf			\$ -	See C101 and Detail 1/C403
		2	Black Vinyl Coated Chainlink Fence, 6' Tall	110	lf			\$ -	See C101 and Detail 1/C403
		3	Retaining Wall	110	lf			\$ -	See C101 and Detail 4/C403

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

		4	Black Vinyl Coated Chainlink Single Gate - 8' Tall	1	ea			\$ -	See C101 and Detail 6/C403
		5	Black Vinyl Coated Chainlink Double Gate - 8' Tall	2	ea			\$ -	See C101 and Detail 6/C403
		6	Black Vinyl Coated Chainlink Fence, 5' Tall	42	lf			\$ -	See C101 and Detail 1/C403
		7	Black Vinyl Coated Chainlink Single Gate - 5' Tall	1	ea			\$ -	See C101 and Detail 6/C403
		8	Black Vinyl Coated Chainlink Double Gate - 5' Tall	1	ea			\$ -	See C101 and Detail 6/C403
	C	Pool Deck							
		1	Concrete Paving	15,885	sf			\$ -	See C101 and Detail 2/C400
		2	Pool Deck Surfacing	15,885	sf			\$ -	See C101 and Detail 20/C405
	D	Splash Pad (4260 sf)		1	job			\$ -	See C101 and SP102, Project Manuals and Specifications
	E	Lap Pool (3256 sf)		1	job			\$ -	See C101 and SP101

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

		1	ADA Lift	1	ea			\$	See C101 and SP101, Item D4
		2	Pool Cover	1	ea	0		\$	NIC - By Others
	F	Pool Furnishings							
		1	Standard Table with Chairs	41	ea			\$	See C101 and Detail 8/C405
		2	Standard ADA Table with Chairs	3	ea			\$	See C101 and Detail 9/C405
		3	Solar Table with Chairs	9	ea			\$	See C101 and Detail 11/C405
		4	Solar ADA Table with Chairs	1	ea			\$	See C101 and Detail 12/C405
		5	Chaise Lounge Chair	65	ea			\$	See C101 and Detail 13/C405
		6	Lifeguard Stand	5	ea			\$	See C101 and Detail 14/C405
		7	Outdoor Deck Shower	1	ea			\$	See C101 and Detail 10/C405
		8	Trash Receptacle	5	ea			\$	See C101 and Detail 6/C405
		9	Trash & Recycle Receptacle	1	ea			\$	See C101 and Detail 7/C405
		10	Safety Equipment	2	set			\$	See C101 and Detail 15/C405
	G	Swimming Pool Area Ground Stabilization		1	job			\$	See Specifications
9	Multi-Purpose Field							\$	

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

	A	Artificial Turf		58,000	sf	0		\$	NIC - By Others
	B	Pavilion		1	ea			\$	See C100, C407, and C408
	C	Black Vinyl Coated Chainlink Perimeter Fence - 4' Tall		900	lf			\$	See C100, 1/C403, and 2/C403
	D	Black Vinyl Coated Chainlink Single Gate - 4' Tall		6	ea			\$	See C100 and 6/C403
	E	Black Vinyl Coated Chainlink Double Service Gate - 4' Tall		2	ea			\$	See C100 and 6/C403
	F	Soccer Net		140	lf			\$	See C100 and 8/C403
	G	Speed-Clean 1700 Surface Sweeper		1	ea	0		\$	NIC - By Others
	H	Coordinate with Turf Manufacturer		1	job			\$	See Specifications
10	Mendell Circle Roundabout							\$	
	A	Standard Asphalt Paving		9,650	sf			\$	See C100 and 5/C400
	B	Concrete Curb and Gutter		565	lf			\$	See C100, match existing
	C	Concrete Straight Curb		120	lf			\$	See C100 and 7/C400
	D	Integral Curb		110	lf			\$	See C100 and 8/C400

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

	E	Roadside Modular Retaining Wall		192	lf			\$ -	See C100 and C500, submit shop drawings
	F	Modular Retaining Wall & Outfall Protection		1	job			\$ -	See C100 and C500, submit shop drawings
	G	Black Vinyl Coated Chainlink Perimeter Fence - 4' Tall		190	lf			\$ -	See C100 and 1/C405
	H	Extend Driveways, Curbscuts, and Aprons		2	ea			\$ -	See C100
	I	Undercut Wall (Item E)(see Allowance Unit Price SC-4)		1	job	0		\$ -	See Geotechnical Reports
	J	Undercut Wall (Item F)(see Allowance Unit Price SC-4)		1	job	0		\$ -	See Geotechnical Reports
	K	Pavement Markings		1	job			\$ -	See C100
	L	Concrete Sidewalk		278	sf			\$ -	See C100 and 1/C400
11	Mendell Circle Parking Area							\$ -	
	A	Standard Asphalt Paving		9,950	sf			\$ -	See C100, 1/C402, and 5/C400
	B	Concrete Curb and Gutter		760	lf			\$ -	See C100 and 1/C402, match existing

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

	C	Striping		1	job			\$	See C100 and 1/C402
	D	Pavilion		1	ea			\$	See C100, C407, and C408
	E	Truncated Dome Mat		4	ea			\$	See C100, 1/C402, and 1/C402
	F	Patch Asphalt Paving		325	sf			\$	See C100 and 5/C400
12	Site Furnishings							\$	
	A	Drinking Fountain		1	ea			\$	See C100, 1/C405, and 2/C405
	B	Bench		7	ea			\$	See C100 and 3/C405
	C	Picnic Table		4	ea			\$	See C100, 4/C405, and 5/C405
	D	Trash Receptacles		7	ea			\$	See C100 and 6/C405
	E	Trash & Recycle Receptacle		2	ea			\$	See C100 and 7/C405
	F	Install Salvaged Bleachers		2	ea			\$	See C100
	G	Install Salvaged Dumpster		1	ea			\$	See C100
	H	Bike Rack		1	ea			\$	See C100, 19/C405, and 4/C402
13	Site Signage							\$	
	A	Stop Sign		5	ea			\$	See C100, 4/C401, 9/C400, and 1/C402
	B	Park Rules Sign		2	ea			\$	See C100 and 1/C406

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

	C	Handicap Parking Sign		4	ea			\$	See C100 and 6/C401
	D	EV Parking Sign		2	ea			\$	See C100 and 2/C402
	E	Reinstall Pet Station		1	ea			\$	See C100 and 5/C401
	F	Pool Rules Sign		2	ea			\$	See C100 and 6/C406
	G	Synthetic Turf Sign		3	ea			\$	See C100 and 7/C406
	H	Pool House Sign		1	ea			\$	See C100, 3/C406, 5/C406, and 1/A301
	I	Pool Hours Sign		1	ea			\$	See C100 and 6/C406
	J	Fire Extinguisher Sign		1	ea			\$	See C100 and 9/C406
	K	Emergency Phone Sign (Custom)		2	ea			\$	See C100 and 10/C406
	L	Emergency Phone Sign		1	ea			\$	See C100 and 11/C406
	M	First Aid Kit Sign		1	ea			\$	See C100 and 12/C406
	N	Emergency Shut-Off Sign		1	ea			\$	See C100 and 13/C406
14	Site Utilities							\$	
	A	Water Service, Complete		1	job			\$	See C100 and C600
	B	Sewer Service, Complete		1	job			\$	See C100 and C600
	C	Storm Sewer, Complete		1	job			\$	See C100 and C500

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

	D	Site Electrical, Complete		1	job			\$ -	See C100 and SE Sheet Series
	E	EV Recharging Station		1	job			\$ -	See C100 and SE003
	F	Install Power Pole		1	job			\$ -	See C100
	G	Sleeving for Future Field Lighting		1	job			\$ -	See C100 and SE Sheet Series
	H	Adjust Guy Wire at Mindell Circle Parking		1	job			\$ -	See C100
	I	Coordinate with Georgia Power		1	job			\$ -	See C100
15	Irrigation			1	job			\$ -	See C100 and I Sheet Series
16	Landscaping			1	job			\$ -	See C100 and L Sheet Series
17	Final Clean Up & Fine Grading			1	job			\$ -	See Specifications
18	Additional Items by Contractor							\$ -	
	A							\$ -	
	B							\$ -	
	C							\$ -	
	D							\$ -	
19	Allowance Unit Price Items							\$ -	

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

	SC-1	Mass rock excavation and replacement with satisfactory soil material.		100	cy			\$ -	See Specifications
	SC-2	Trench rock excavation and replacement with satisfactory soil material.		100	cy			\$ -	See Specifications
	SC-3	Removal of unsatisfactory soil and replacement with satisfactory soil material.		1,000	cy			\$ -	See Specifications
	SC-4	Removal of unsatisfactory soil and replacement with 57-stone or surge stone as directed.		800	cy			\$ -	See Specifications
	SC-5	Removal of unsatisfactory soil and replacement with 57-stone aggregate piers.		500	cy			\$ -	See Specifications
	SC-6	Sod (additional to quantity on plans in base bid)		1,000	sf			\$ -	See Specifications
	SC-7	Silt Fence (additional to quantity on plans in base bid)		200	lf			\$ -	See Specifications
	SC-8	Tree save fence (additional to		200	lf			\$ -	See Specifications

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

		quantity on plans in base bid)							
	SC-9	Removal additional trees		10	ea			\$	See Specifications
	SC-10	Sleeving		100	lf			\$	See Layout Plans & Detail 12/C400
20	Addendum No. 1 Items							\$	
	A	Temporary facilities (construction office trailer)		1	job			\$	
	B	Security conduit		390	lf			\$	
	C	Multipurpose field sports lighting conduit		1,075	lf			\$	
								\$	
								-	
									Establish a Percent < 0.5%
								\$0.00	
20	Bid Alternates - Not included in Base Bid								
	SC-9	Unsatisfactory soil: modification		4,000	cy			\$	See Specifications,
								-	

ADDENDUM NO. 1
Request for Proposal, No. 21-115
Lynwood Park Splashpad
REVISED Bid Schedule 9/14/2021

									See Geotechnical Reports	
	SC-10	Unsatisfactory soil: modification material		250	tons			\$ -	See Specifications, See Geotechnical Reports	
	SC-11	Sports Field Sod and Topsoil		56,000	sf			\$ -	See Specifications	
	SC-12	Sports Field Irrigation (design/build)		1	job			\$ -	See Specifications	
		<i>Note: *Design quantities are only given as a convenience and check to help the contractor understand the plans.</i>								
			<i>This spreadsheet is provided as a convenience. The Contractor shall verify all formulas.</i>							
			<i>Contractor shall verify all quantities and bid the project to complete. Quantity corrections may be made on this form.</i>							

ADDENDUM NO. 1
Request for Proposal, 21-115
Lynwood Splashpad
Attachments and Additional Information
REVISED 9/14/2021

Addendum #1: Attachments and Additional Information

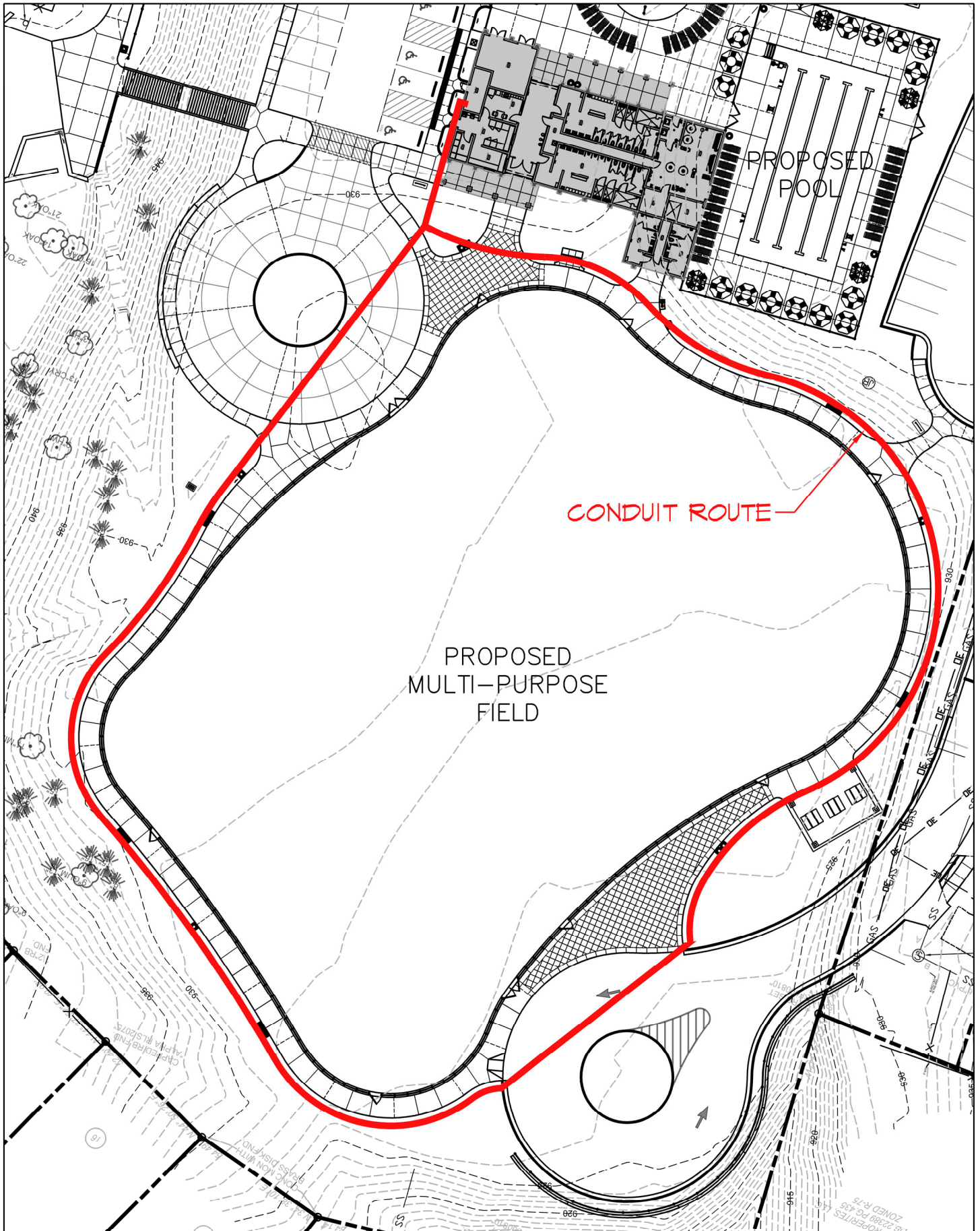
Lynwood Park Splashpad

Items Attached:

1. Security conduit: Install two (2) 1.5” SCH 40 PVC conduit with junction boxes per the attached Security Conduit drawing for the City to connect to the Rec Center security system.
2. Sports Lighting conduit: Install two (2) 4” SCH 40 PVC conduit with junction boxes per the attached Sports Lighting Conduit drawing for the City to use in the future to light the multi-purpose field.
3. Spec 01500 Temporary Facilities (construction trailer)
4. Spec 05213 Architectural Exposed Steel
5. Spec 099100 Painting
6. DOE pump regulations
7. CIBS- Revision dated 9/2/21 (changes highlighted in yellow)

Additional Information for Bidders:

1. Schedule: The contractor must have the multi-purpose field subgrade ready for the City’s artificial turf contractor to begin work at 300 days, or before, into the 330-day schedule.
2. Turf field coordination: The contractor must prepare the field subgrade per details on C502. The turf contractor will install the concrete band, structural filter fabric underlay, and all field items above it.
3. Mandatory pre-bid: One (1) team member- general contractor, sub-contractor, or certified pool contractor- must have attended the mandatory pre-bid meeting on 8/25/21.
4. Substitutions: Proposed substitutions and proposed VE items can be discussed after bid and contract award. The bid should be based on specified items.
5. Permitting costs: The cost of any permitting outside of the City is the contractor’s responsibility. The cost of City permits will be waived by the City.
6. Delete Note #3 on Sheet A701.
7. Scoring: Pool and splashpad deck scoring shall be as shown on Sheet C101, not Sheet SP201.
8. Irrigation: Slight field adjustments to the irrigation design (Sheet I102) may be necessary at the building entrance due to building footprint changes during design.
9. Pool deck: The pool deck is 6” per C101 and 2/C400 and not 3.5” per 1/SP501.



SPORTS LIGHTING CONDUIT

1" = 50'



SECTION 01 50 00 - TEMPORARY FACILITIES AND CONTROLS

PART 1 - GENERAL

a) TEMPORARY ON-SITE FACILITIES TO BE PROVIDED BY THE CONTRACTOR:

- i) Temporary Construction Trailer Offices: Provide sufficient space for Contractor's personnel.
 - (1) Provide temporary office facilities complete with electrical power, lighting, heating, and air conditioning.
 - (2) Location of temporary office shall be subject to City's acceptance.
 - (3) **Temporary office facility is intended for use by the contractor, sub-contractors, design team, and City project management team.**
 - a. **The temporary office facility must include office space for use by the City project manager that can be secured from the rest of the trailer.**
 - b. **The office space must have securable exterior access.**
 - c. **The office space must have a desk, plan table, and 3 office chairs.**
 - d. **The office facility must include tables and chairs for project meetings with as many as 12 attendees.**
 - e. **The office facility must have an operating restroom.**
 - (4) Contractor shall relocate offices and other storage buildings or facilities as necessary, at no additional costs to allow the work of the project and the other contractors to be performed.
- ii) Temporary Storage Facilities: Install and maintain storage and fabrication sheds sized, furnished, and equipped to accommodate materials and equipment involved, including temporary utility service. Sheds may be open shelters or fully enclosed spaces. Locations and adequacy of storage facilities shall be subject to the City's approval.
- iii) Electrical Service: Provide temporary electrical service, including extensions and connections necessary for construction work.
- iv) Temporary Lighting: Provide the following minimum light levels for construction purposes. Comply with OSHA requirements for temporary lighting:
- v) Temporary Heat and Ventilation to be provided by the Contractor for the timely performance and protection of its work:
 - (1) Provide temporary heat in enclosed spaces to provide minimum temperatures of 40°F until time finishing work begins.
 - (2) After building is totally enclosed and installation of finishes begins, maintain spaces in a temperature range of 60°F to 80°F at all times, except as may otherwise be required by product manufacturers for proper product installation and performance. Contractor shall maintain until Date of Substantial Completion has been established by the City.
 - (3) Maintain relative humidity in a range of 50% to 65% in enclosed spaces after building is enclosed and installation of finishes begin; except as may otherwise be required by product manufacturers for proper product installation and performance.
 - (4) Provide ventilation to prevent accumulation of dust, fumes, or gases and to properly cure materials and disperse humidity.
- vi) Water Service: Provide temporary water for construction purposes, including extensions and connections necessary for work, including but not limited to any irrigation requirements of the Work of the Project.
- vii) Sanitary Toilet Facilities: Provide and maintain temporary toilet facilities for construction and site visitors and other personnel. Permanent new facilities may not be used by personnel.

LYNWOOD PARK
TEMPORARY FACILITIES AND CONTROLS- SECTION 01 50 00
Page 2 of 2

- viii) Relocate temporary facilities during construction as required by progress of the Work at no additional cost.
- ix) Power for Contractor's temporary office and storage trailers shall be paid by the Contractor.
- x) At completion of Work, or at time of permanent utility connections, as applicable, remove temporary facilities, including connections and debris resulting from temporary installation.

b) STAGING AREA:

- i) The Contractor shall establish staging areas WITHIN the designated Limits of Work area for this Contract; no staging or materials storage will be permitted outside the Limits of Work area.
- ii) The Contractor is solely responsible for all security, protection, safeguards, etc. of materials and personnel within the established staging area (areas).

c) TEMPORARY CONTROLS:

- i) Noise Control: Contractor shall make every effort to affect a satisfactory noise abatement Construction.
- ii) Dust Control: Where cutting or removing materials which will generate dust and dirt, the Contractor shall provide temporary dust curtains, solid barricades, or the like, to retain and control dust relative to the area in which work is occurring. Clean areas of dust as practicable so as not to allow its spread by pedestrian traffic.

d) PARTIALLY OCCUPIED NEW BUILDING AND SITE SECURITY:

- i) Contractor is responsible for operating in a manner that will maintain the security of the building and its contents, and the site areas where affected.
- ii) Required emergency exit ways shall be always maintained at buildings and the site in general.
- iii) Contractor shall be responsible for the security of the entire site for the entire duration of the construction period. Before leaving at the end of each workday or work shift, Contractor shall check all gates, doors, windows, etc. to be certain that they are closed, locked and secure.

PART 2 - PRODUCTS (Not used)

PART 3 - EXECUTION (Not used)

END OF SECTION 01 50 00

SECTION 05 1213 - ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING

PART 1 - GENERAL REQUIREMENTS

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
1. Architecturally exposed structural steel (AESS).
 2. Section 051200 "Structural Steel Framing" requirements that also apply to AESS.

1.3 DEFINITIONS

- A. AESS: Architecturally exposed structural steel.
- B. Category AESS 1: Structural steel that is categorized by ANSI/AISC 303, Section 10, as AESS 1 and may be designated AESS 1 or Category AESS 1 in the Contract Documents.
- C. Category AESS 2: Structural steel that is categorized by ANSI/AISC 303, Section 10, as AESS 2 and is designated as AESS 2 or Category AESS 2 in the Contract Documents.
- D. SEAC/RMSCA Guide Specification: SEAC/RMSCA's "Sample Specification, Section 05 02 13: Architecturally Exposed Structural Steel."

1.4 COORDINATION

- A. Coordinate surface preparation requirements for shop-primed items.
- B. Coordinate selection of shop primers with topcoats to be applied over them. Comply with paint and coating manufacturers' written recommendations to ensure that shop primers and topcoats are compatible with one another.

1.5 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

1.6 ACTION SUBMITTALS

- A. Product Data:
1. Tension-control, high-strength, bolt-nut-washer assemblies.
 2. Corrosion-resisting (weathering steel), tension-control, high-strength, bolt-nut-washer assemblies.
 3. Filler.
 4. Primer.
 5. Galvanized-steel primer.
 6. Etching cleaner.
 7. Galvanized repair paint.
- B. Shop Drawings: Show fabrication of AESS components.
1. Identify AESS category for each steel member and connection, including transitions between AESS categories and between AESS and non-AESS.

2. Include details of cuts, connections, splices, camber, holes, and other pertinent data.
 3. Include embedment Drawings.
 4. Indicate orientation of mill marks and HSS seams.
 5. Indicate welds by standard AWS symbols, distinguishing between shop and field welds, and show size, length, and type of each weld. Show backing bars that are to be removed and supplemental fillet welds where backing bars are to remain.
 6. Indicate type, size, and length of bolts, distinguishing between shop and field bolts. Identify pretensioned and slip-critical, high-strength bolted connections. Indicate orientation and location of bolt heads.
 7. Indicate exposed surfaces and edges and surface preparation being used.
 8. Indicate special tolerances and erection requirements.
 9. Indicate weep holes for HSS and vent holes for galvanized HSS.
 10. Indicate surface preparation, primer, and coating requirements, including systems specified in other Sections.
- C. Samples: Submit Samples to set quality standards for AESS.
1. End weld a HSS 4x4x1/4 tube to a 6x6x1/4 plate with fillet weld ground smooth and blended.
 2. Side weld a HSS 4x4x1/2 to a 6x6x1/4 plate with J weld ground smooth and blended.

1.7 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer, fabricator

1.8 QUALITY ASSURANCE

- A. Fabricator Qualifications: A qualified fabricator that participates in the AISC Quality Certification Program and is designated an AISC-Certified Plant, Category BU, or is accredited by the IAS Fabricator Inspection Program for Structural Steel (AC 172) and is experienced in fabricating AESS similar to that indicated on this Project.
- B. Installer Qualifications: A qualified Installer who participates in the AISC Quality Certification Program, is designated an AISC-Certified Erector, and is experienced in erecting AESS similar to that indicated on this Project.
- C. Mockups: Build mockups of AESS to set quality standards for fabrication and installation.
1. Build mockup of typical portion of AESS as shown on Drawings.
 2. Coordinate painting requirements with Section 099100 "Painting."
 3. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.9 DELIVERY, STORAGE, AND HANDLING

- A. Use special care in handling AESS to prevent twisting, warping, nicking, and other damage during fabrication, delivery, and erection. Store materials to permit easy access for inspection and identification. Keep AESS members off ground and spaced by using pallets, dunnage, or other supports and spacers. Protect AESS members and packaged materials from corrosion and deterioration.
1. Do not store AESS materials on structure in a manner that might cause distortion, damage, or overload to members or supporting structures. Repair or replace damaged materials or structures as directed.

1.10 FIELD CONDITIONS

- A. Field Measurements: Where AESS is indicated to fit against other construction, verify actual dimensions by field measurements before fabrication.

PART 2 - PRODUCTS**2.1 PERFORMANCE REQUIREMENTS**

- A. Comply with requirements of ANSI/AISC 303, Sections 1 through 9 and as modified in Section 10, "Architecturally Exposed Structural Steel."

2.2 BOLTS, CONNECTORS, AND ANCHORS

- A. High-Strength, Bolt-Nut-Washer Assemblies: ASTM F3125/F3125M, Grade F1852, Type 1, round-head assemblies consisting of steel structural bolts with splined ends; ASTM A563, Grade DH, heavy-hex carbon-steel nuts; and ASTM F436/F436M, Type 1, hardened carbon-steel washers.
1. Finish: Mechanically deposited zinc coating.

2.3 PRIMER

- A. Steel Primer:
1. Comply with Section 099100 "Painting."
 2. SSPC-Paint 23, latex primer.
 3. Fabricator's standard lead- and chromate-free, nonasphaltic, rust-inhibiting primer complying with MPI#79 and compatible with topcoat.
- B. Galvanized-Steel Primer: MPI#26, MPI#80, MPI#134.
1. Etching Cleaner: MPI#25, for galvanized steel.
 2. Galvanizing Repair Paint: MPI#18, MPI#19, or SSPC-Paint 20.

2.4 FABRICATION

- A. Shop fabricate and assemble AESS to the maximum extent possible. Locate field joints at concealed locations if possible. Detail assemblies to minimize handling and to expedite erection.
1. Use special care handling and fabricating AESS before and after shop painting to minimize damage to shop finish.
- B. Category AESS 1: (welds 15' above grade)
1. Comply with overall profile dimensions of AWS D1.1/D1.1M for welded built-up members. Keep appearance and quality of welds consistent. Maintain true alignment of members without warp exceeding specified tolerances.
 2. Prepare surfaces according to Part 2 "Shop Priming" Article and SSPC-SP 6 (WAB)/NACE WAB-3.
 3. Grind sheared, punched, and flame-cut edges to remove burrs and provide smooth surfaces and eased edges.
 4. Make intermittent welds appear continuous, using filler or additional welding.
 5. Seal weld open ends of hollow structural sections with 3/8-inch closure plates.
 6. Limit butt and plug weld projections to 1/16 inch.
 7. Install bolt heads on the same side of each connection and maintain orientation consistently from one connection to another.
 8. Remove weld spatter, slivers, and similar surface discontinuities.

9. Remove blemishes and surface irregularities resulting from temporary braces or fixtures by filling or grinding, before cleaning, treating, and shop priming.
 10. Grind tack welds smooth unless incorporated into final welds.
 11. Remove backing and runoff tabs, and grind welds smooth.
- C. Category AESS 2: (welds within 15' of grade)
1. Comply with overall profile dimensions of AWS D1.1/D1.1M for welded built-up members. Keep appearance and quality of welds consistent. Maintain true alignment of members without warp exceeding specified tolerances.
 2. Prepare surfaces according to Part 2 "Shop Priming" Article and SSPC-SP 6 (WAB)/NACE WAB-3.
 3. Grind sheared, punched, and flame-cut edges to remove burrs and provide smooth surfaces and eased edges.
 4. Make intermittent welds appear continuous, using filler or additional welding.
 5. Seal weld open ends of hollow structural sections with 3/8-inch closure plates.
 6. Limit butt and plug weld projections to 1/16 inch.
 7. Install bolt heads on the same side of each connection and maintain orientation consistently from one connection to another.
 8. Remove weld spatter, slivers, and similar surface discontinuities.
 9. Remove blemishes and surface irregularities resulting from temporary braces or fixtures by filling or grinding, before cleaning, treating, and shop priming.
 10. Grind tack welds smooth unless incorporated into final welds.
 11. Remove backing and runoff tabs, and grind welds smooth.
 12. Limit as-fabricated straightness tolerance to one-half that permitted for structural-steel materials in ANSI/AISC 303.
 13. Limit as-fabricated curved structural steel tolerance to that permitted for structural-steel materials in ANSI/AISC 303.
 14. Limit as-fabricated straightness tolerance of welded built-up members to one-half that permitted by AWS D1.1/D1.1M.
 15. Conceal fabrication and erection markings from view in the completed structure.
 16. Make welds uniform and smooth.

2.5 SHOP CONNECTIONS

- A. High-Strength Bolts: Shop install high-strength bolts according to RCSC's "Specification for Structural Joints Using High-Strength Bolts" for type of bolt and type of joint specified.
1. Joint Type: Snug tightened
- B. Weld Connections: Comply with AWS D1.1/D1.1M and AWS D1.8/D1.8M for tolerances, appearances, welding procedure specifications, weld quality, and methods used in correcting welding work.

2.6 GALVANIZING

- A. Hot-Dip Galvanized Finish: Apply zinc coating by the hot-dip process to structural steel according to ASTM A123/A123M.
1. Do not quench or apply post-galvanizing treatments that might interfere with paint adhesion.
 2. Fill vent and drain holes that are exposed in the finished Work, unless indicated to remain as weep holes, by plugging with zinc solder and filing off smooth.
 3. Galvanize AESS lintels attached to structural-steel frame and located in exterior walls.

2.7 SHOP PRIMING

- A. Shop prime steel surfaces, except the following:
 - 1. Surfaces embedded in concrete or mortar. Extend priming of partially embedded members to a depth of 2 inches.
 - 2. Surfaces to be field welded.
 - 3. Surfaces to be high-strength bolted with slip-critical connections.
 - 4. Corrosion-resisting (weathering) steel surfaces.
 - 5. Galvanized surfaces [unless indicated to be painted].
- B. Surface Preparation: Clean nongalvanized surfaces to be painted. Remove loose rust and mill scale and spatter, slag, or flux deposits. Prepare surfaces according to the following specifications and standards:
 - 1. SSPC-SP 2.
 - 2. SSPC-SP 3.
 - 3. SSPC-SP 7 (WAB)/NACE WAB-4.
 - 4. SSPC-SP 14 (WAB)/NACE WAB-8.
- C. Preparing Galvanized Steel for Shop Priming: After galvanizing, thoroughly clean steel of grease, dirt, oil, flux, and other foreign matter, and treat with etching cleaner or according to SSPC-SP 16.
- D. Priming: Immediately after surface preparation, apply primer according to manufacturer's written instructions and at rate recommended by SSPC to provide a minimum dry film thickness of 1.5 mils. Use priming methods that result in full coverage of joints, corners, edges, and exposed surfaces.
 - 1. Stripe paint corners, crevices, bolts, welds, and eased edges.
 - 2. Apply two coats of shop paint to surfaces that are inaccessible after assembly or erection. Change color of second coat to distinguish it from first.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify, with steel erector present, elevations of concrete- and masonry-bearing surfaces and locations of anchor rods, bearing plates, and other embedments for compliance with requirements.
 - 1. Prepare a certified survey of bearing surfaces, anchor rods, bearing plates, and other embedments, showing dimensions, locations, angles, and elevations.
- B. Examine AESS for twists, kinks, warping, gouges, and other imperfections before erecting.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Provide temporary shores, guys, braces, and other supports during erection to keep AESS secure, plumb, and in alignment against temporary construction loads and loads equal in intensity to design loads. Remove temporary supports when permanent structural steel, connections, and bracing are in place unless otherwise indicated.

3.3 ERECTION

- A. Take special care during erection to avoid marking or distorting the AESS and to minimize damage to shop painting. Set AESS accurately in locations and to elevations indicated and according to ANSI/AISC 303 and ANSI/AISC 360.

1. Remove welded tabs that were used for attaching temporary bracing and safety cabling and that are exposed to view in the completed Work. Take care to avoid any blemishes, holes, or unsightly surfaces resulting from the use or removal of temporary elements.
 2. Grind tack welds smooth.
 3. Remove backing and runoff tabs, and grind welds smooth.
 4. Orient bolt heads on the same side of each connection and maintain orientation consistently from one connection to another.
 5. filler and grind, or sand smooth to achieve surface quality as approved by Architect.
 6. Conceal fabrication and erection markings from view in the completed structure.
- B. In addition to ANSI/AISC 303, Section 10 requirements, comply with the following.
1. Erection of Category AESS 1 and Category AESS 2:
 - a. Erect AESS to the standard frame tolerances specified in ANSI/AISC 303 for non-AESS.
 - b. Comply with AWS D1.1/D1.1M. Keep appearance and quality of welds consistent. Maintain true alignment of members without warp exceeding specified tolerances.
 - c. Remove weld spatter, slivers, and similar surface discontinuities.
 - d. Grind off butt and plug weld projections larger than 1/16 inch.
 - e. Continuous welds shall be of uniform size and profile.
 - f. Ream holes that must be enlarged. Use of drift pins or burning is not permitted. Replace misaligned connection plates where holes cannot be aligned with acceptable appearance.
 - g. Splice members only where indicated on Drawings.
 - h. No torch cutting or field fabrication is permitted.

3.4 FIELD CONNECTIONS

- A. High-Strength Bolts: Install high-strength bolts according to RCSC's "Specification for Structural Joints Using High-Strength Bolts" for type of bolt and type of joint specified.
1. Joint Type: Snug tightened
- B. Weld Connections: Comply with AWS D1.1/D1.1M and AWS D1.8/D1.8M for tolerances, appearances, welding procedure specifications, weld quality, and methods used in correcting welding work.

3.5 REPAIR

- A. Galvanized Surfaces: Clean field welds, bolted connections, and abraded areas, and touchup galvanizing to comply with ASTM A780/A780M.
- B. Touchup Painting:
1. Immediately after erection, clean field welds, bolted connections, and abraded areas of shop paint, and paint exposed areas with the same material as used for shop painting, to comply with SSPC-PA 1 for touching up shop-painted surfaces.
 - a. Clean and prepare surfaces by SSPC-SP 2 hand-tool cleaning or SSPC-SP 3 power-tool cleaning.
 2. Cleaning and touchup painting are specified in Section 099100 "Painting."
- C. Touchup Priming: Cleaning and touchup priming are specified in Section 099100 "Painting."

3.6 FIELD QUALITY CONTROL

- A. Testing Agency: Owner will engage a qualified testing agency to inspect AESS as specified in Section 051200 "Structural Steel Framing." The testing agency is not responsible for enforcing requirements relating to aesthetic effect.
- B. Architect will observe AESS in place to determine acceptability relating to aesthetic effect.

END OF SECTION 051213

SECTION 099100 - PAINTING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Scope: Provide all labor, materials, equipment, and services required to furnish and apply the painting and staining materials.
- B. This Section includes Painting and Staining Materials.
- C. Related Sections include the following:
 - 1. Division 04 Section "Architectural Concrete Masonry".
 - 2. Division 05 Section "Architectural Exposed Structural Steel".
 - 3. Division 06 Section "General Carpentry".
 - 4. Division 06 Section "Sheathing".
 - 5. Division 06 Section "Millwork".
 - 6. Division 07 Section "Mineral Fiber Cement Board".
 - 7. Division 08 Section "Hollow Metal Doors and Frames".
 - 8. Division 09 Section "Gypsum Board".
 - 9. Division 09 Section "Epoxy Coatings".
- D. The term "paint" as used herein means coating systems materials, which includes primers, emulsions, enamels, stain, sealers and fillers, and other applied materials whether used as prime, intermediate or finish coats.
- E. Paint exposed surfaces whether or not colors are designated in any "schedule", except where natural finish of material is specifically noted as not to be painted. Where items or surfaces are not specifically mentioned, paint these same as adjacent similar materials or areas. If color or finish is not designated, Architect will select the colors.
- F. All surfaces that are left unfinished by the requirements of other Sections, whether specifically mentioned or not, shall be painted or finished as part of the work covered by this Section.

1.3 SUBMITTALS

- A. Prior to application, submit to the Architect for review the following:
 - 1. Submit a complete list of all materials proposed to be furnished and installed under this portion of the Work. This shall in no way be construed as permitting substitution of materials for those specified or approved for this

Work by the Architect.

2. In each case where material proposed is not the material specified or specifically described as an acceptable alternate in this Section of these Specifications, submit for the Architect's review the current recommended method of application published by the Manufacturer of the proposed material.
 3. Submit complete set of colors, color designation or formula and finishes for Architect's selections. The Architect has the option of selecting as many colors and finishes from any of the various paint or paint related products to be specified here, as he may desire without additional cost to the Owner or the Architect.
 4. Submit a complete list of paint colors identified by manufacturer, room and surface location.
 5. After Architect has selected colors and finishes and has furnished a schedule, prepare samples of each color for approval by the Architect before proceeding with this work. These job applied samples shall serve as a minimum acceptable standard for the finished work in color and appearance.
- B. Certification that all standards and requirements have been met. These shall include, but not be limited to:
1. Delivery.
 2. Storage.
 3. Conditions under which the materials were installed.
 4. Product complies with specified requirements.
 5. Specified number coats and mil thickness have been applied.

1.4 QUALITY ASSURANCE

- A. In addition to complying with all pertinent codes and regulations, comply with "Standard (Type 1)" as defined by the Painting and Decorating Contractors of America in their "Modern Guide to Paint Specifications", current edition.
- B. Provide finish coats which are compatible with prime paints used. Review other Sections of these Specifications in which prime paints are to be provided to ensure compatibility of total coatings system for various substrates. Provide barrier coats over incompatible primers or remove and re-prime. Notify Architect in writing of any anticipated problems using coating systems as specified with substrates primed by others.
- C. Single source: Unless indicated otherwise, obtain all materials from a single manufacturer.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F (7 deg C).
 1. Maintain containers in clean condition, free of foreign materials and residue.

2. Remove rags and waste from storage areas daily.

1.6 JOB CONDITIONS

- A. Apply paints only when temperature of surfaces to be painted and ambient air temperatures are between 50 and 95 deg F (10 and 35 deg C).
- B. Do not apply paints in snow, rain, fog, or mist; when relative humidity exceeds 85 percent; at temperatures less than 5 deg F (3 deg C) above the dew point; or to damp or wet surfaces.

1.7 EXTRA STOCK

- A. Provide for Owner storage one unopened 1-gallon can of each color and type used. Provide written list of each color/type used and location with supplier, color name and code.
- B. Provide extra materials that match products installed, are packaged with protective covering for storage, and are identified with appropriate labels.
- C. Contractor provide listing of all paint colors used with manufacturer and color designation number or formula.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Approved manufacturers:
 - a. Sherwin Williams.
 - b. Duron
 - c. PPG/Porter Paint Company
 - d. ICI Paints
- B. Approved manufacturers for isolated items named will be listed with the product.
- C. In general and with the exception of those manufacturers named for isolated items, numbers and descriptive names used are those of the Sherwin Williams Company and are for the purpose of convenience, identification, and establishing a standard quality for the materials required. Any of the mentioned manufacturers shall be acceptable provided a submittal of finished physical sample, full description and formulation of products, list of all paint colors with color designation number and the surfaces that are to be covered are submitted.
- D. All paints, stains, sealers, oils, thinners, turpentine or other materials required to accomplish the painting and finishing shall be first-quality materials.

2.2 MATERIALS COMPATIBILITY

- A. All paint and stain materials and equipment shall be compatible in use; finish

coats shall be compatible with prime coats; prime coats shall be compatible with the surface to be coated; all tools and equipment shall be compatible with the coating to be applied.

- B. Thinners, when used, shall be only those thinners recommended for that purpose by the manufacturer of the materials to be thinned.
- C. New paint or stain materials shall be compatible with the existing coatings on existing surfaces.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Thoroughly examine surfaces scheduled to be painted prior to commencement of work. Report in writing to the Architect, any condition that may potentially affect proper application. Do not commence until such defects have been corrected.
- B. Correct defects and deficiencies in surfaces which may adversely affect work of this Section.
- C. Commencement of work shall be construed as acceptance of the surfaces and, therefore, the Contractor shall be fully responsible for satisfactory work as required herein.

3.2 PREPARATION OF SURFACES

- A. Remove mildew, by scrubbing with solution of tri-sodium phosphate and bleach. Rinse with clean water and allow surface to dry completely.
- B. Gypsum wallboard: Remove contamination and prime to show defects, if any. Paint after defects have been remedied.
- C. Concrete and concrete block:
 - 1. Remove dirt, loose mortar, scale, powder and other foreign matter. Remove oil and grease with a solution of tri-sodium phosphate, rinse well and allow to thoroughly dry.
 - 2. Remove stains caused by weathering of corroding metals with a solution of sodium meta- silicate after being thoroughly wetted with water. Allow to thoroughly dry.
 - 3. Apply masonry filler as required to provide even, consistent (filling of voids), with filler material. Methods of application which "bridge" voids will not be acceptable.
- D. Completely mask, remove, or otherwise adequately protect all hardware, accessories, machined surfaces, plates, lighting fixtures, and similar items in contact with painted surfaces but not scheduled to receive paint.
- E. Spot prime all exposed nails and other metals which are to be painted with

emulsion paints, using a primer recommended by the manufacturer of the coating system.

- F. Adequate illumination shall be provided in all areas where painting and staining operations are in progress.
- G. Efflorescence on any area that is scheduled to be painted shall be removed.
- H. Clean shop coats that become marred. Touch-up with specified shop coats.

3.3 PREPARATION OF WOOD SURFACES

- A. Wipe off dust and grit from miscellaneous wood items and millwork prior to priming. Spot coat knots, pitch streaks and sappy sections with sealer. Fill nail holes and cracks after primer has dried and sand between coats.
- B. Clean wood surfaces to be painted of dirt, oil, or other foreign substances with scrapers, mineral spirits, and sandpaper, as required. Sandpaper smooth those finished surfaces exposed to view, and dust off.
- C. Prime, stain, or seal wood required to be job painted immediately upon delivery to job. Prime edges, ends, faces, undersides, and backsides.
- D. When transparent finish is required, use spar varnish for back-priming.
- E. Scrape and clean small, dry, seasoned knots and apply a thin coat of white shellac or other recommended knot sealer, before application of priming coat.
- F. After priming, fill holes and imperfections in finish surfaces with putty or plastic wood-filler.
- G. Sandpaper smooth when dried.
- H. Wood Doors: Pre-finished.
- I. Prior to finishing glue-laminated beams, wash down surfaces with solvent and remove grease and dirt.

3.4 PREPARATION OF METAL SURFACES

- A. Steel and iron:
 - 1. Remove grease, rust, scale, dirt and dust from steel and iron surfaces. Where heavy coatings of scale are evident, remove by wire brushing, sandblasting or any other necessary method. Ensure steel surfaces are satisfactory before paint finishing.
 - 2. Clean unprimed steel surfaces by washing with solvent. Apply at treatment of phosphoric acid solution, ensuring weld joints, bolts and nuts are similarly cleaned. Prime surfaces to indicate defects, if any. Paint after defects have been remedied.

3. Sand and scrape shop primed steel surfaces to remove loose primer and rust. Feather out edges to make touch-up patches inconspicuous. Clean surfaces with solvent. Prime bare steel surfaces. (Prime steel including shop primed steels.)
- B. Galvanized metal:
1. Clean all surfaces thoroughly with solvent until they are completely free from dirt, oil, and grease.
 2. Thoroughly treat the cleaned surface with phosphoric acid etch.
 3. Remove all excess etching solution and allow to dry completely before application of paint.
- C. Remove surface contamination and oils from zinc coated surfaces and prepare for priming in accordance with metal manufacturer's recommendations.
- D. Other metals:
1. Thoroughly clean all surfaces until they are completely free from dirt, oil, and grease.
 2. Allow to dry thoroughly before application of paint.

3.5 APPLICATION

- A. All materials shall be applied under adequate illumination, evenly spread, and smoothly flowed on with the proper type and size of brushes, roller covers, bucket grids, and spray equipment to avoid run, sags, holidays, brush marks, air bubbles, and excessive roller stipple.
- B. Coverage and hide shall be complete. When color, stain, mark of any kind, dirt or undercoats show through the final schedule coat of paint to the surface, it shall be covered by additional coats until the paint film is of uniform finish, color, appearance and coverage at no additional cost to the Owner.
- C. Do not add thinners to the paint or paint related products.
- D. Finished areas shall be free from sags, runs, crawls, brush marks, and other defects.
- E. Touch-up painting as required to provide smooth, even finish prior to final acceptance of work.
- F. Do not apply finishes on surfaces that are not sufficiently dry.
- G. Allow each coat of finish to dry before following coat is applied, unless directed otherwise by manufacturer.
- H. Where clear finishes are required, ensure tint fillers match wood. Work fillers well into the grain before set. Wipe excess from the surface.

- I. Environmental conditions:
 - 1. Comply with the manufacturer's recommendations as to environmental conditions under which the coating systems may be applied.
 - 2. Do not apply paint in areas where dust is being generated.
- J. Moisture content:
 - 1. Use a moisture meter approved by the Architect to test surfaces.
 - 2. Do not apply the initial coating until moisture meter reading is within normal limits recommended by the paint materials manufacturers.
- K. Defects: Sand and dust between coats to remove all defects visible to the unaided eye from a distance of five feet.
- L. Color of undercoats: Slightly vary the color of succeeding coats.

3.6 OBSERVATION OF WORK

- A. Do not apply additional coats until completed coat has been observed and approved by the Architect.
- B. Only observed and approved coats of paint will be considered in determining the number of coats applied.

3.7 DRY FILM THICKNESS

- A. DFT represents Dried Film Thickness. It shall be checked on metal surfaces with a Nordson Mikrotest Dry Film Thickness Gauge. For other surfaces, a Tooke Dry Film Thickness Gauge shall be used. Surfaces may also be checked while surface is wet by using a Nordson Wet Film Gauge. Should an average of three readings out of five show film less than specified, additional materials should be applied until the surface has the proper amount of material.

3.8 REINSTALLATION OF REMOVED ITEMS

- A. Following completion of painting in each space, promptly reinstall all items removed for painting, using only workmen skilled in the particular Trade.

3.9 MECHANICAL AND ELECTRICAL EQUIPMENT

- A. Coordinate with the requirements of Divisions 23 and 26.
- B. Remove grilles, covers and access panels for mechanical and electrical systems from location and paint separately.
- C. Finish paint primed equipment to color selected.
- D. Prime and paint insulated and bare pipes, conduits, boxes, insulated and bar ducts, hangers, brackets, collars and supports, except where items are plated or covered with a pre-finished coating.

- E. Replace identification markings on mechanical or electrical equipment when painted over or spattered.
- F. Paint interior surfaces of air ducts, convector and baseboard heating cabinets that are visible through grilles and louvers with one coat of flat black paint, to limit of sight line. Paint dampers exposed immediately behind louvers, grilles, convector and baseboard cabinets to match face panels.
- G. Paint exposed conduit and electrical equipment occurring in finished areas.

Co

lor and texture to match adjacent surfaces.
- H. Paint both sides and edges of plywood backboards for electrical equipment before installing backboards and mounting equipment on them.

3.10 STENCILING RATED WALLS

- A. Stencil both sides of all corridor partitions, smoke, fire, horizontal exits, exit enclosures, and other rated partitions with permanent 2" high letters.
 - 1. Color: Bright Red.
 - 2. Identify the name and hour rating of the partition approximately 8" above the ceiling every 25' on both sides of the partition.
 - 3. Identify once in each space having fire-rated or smoke walls.
 - 4. Identify walls as applicable:
 - a. 1 HOUR FIRE.
 - b. 2 HOUR FIRE.
 - c. 1 HOUR SMOKE.
 - d. 2 HOUR FIRE AND SMOKE.
 - e. 1 HOUR SMOKE TIGHT CORRIDOR.
 - f. NON-RATED SMOKE TIGHT CORRIDOR.
 - g. Other identifying language as necessary.
 - 5. Identification shall be above any decorative ceiling and in concealed spaces and shall be acceptable to the authority having jurisdiction.

3.11 CLEANING

- A. As work proceeds and upon completion, promptly remove paint where spilled, splashed or spattered.
- B. During progress of work, keep premises free from any unnecessary accumulation of tools, equipment, surplus materials and debris.
- C. Upon completion of work, leave premises neat and clean, to the satisfaction of the Architect.

3.12 PAINT SCHEDULE – EXTERIOR

- A. All exposed metal surfaces not otherwise provided for below.
 1. These shall include, but not be limited to, the following:
 - a. Hollow metal doors and frames.
 - b. Metal flashing (not already prefinished).
 - c. Piping and conduit associated with mechanical and electrical.
 - d. Bollards.
 - e. Steel lintels.
 - f. Any edge or surface exposed to view or the weather.
 2. Paint application:
 - a. Clean with solvent in accordance with SSPC-SP1 to remove soluble contaminants.
 - b. Remove insoluble contaminants by hand or power tool cleaning (SSPC-SP2 or SP3). All surfaces shall be dry and clean.
 3. Prime Coat: Primer, rust-inhibitive, water based:
 - a. S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series, at 5.0 to 10 mils wet, 2.0 to 4.0 mils dry.
 4. Intermediate Coat: Light industrial coating, exterior, water based, matching topcoat.
 5. Topcoat: Light industrial coating, exterior, water based eggshell:
 - a. S-W Pro Industrial Eg-Shel Acrylic B66-660 Series, at 2.5 to 4.0 mils dry, per coat.
 6. Verify with each metal item that shop prime coats are compatible with finish field painting.
- B. CMU Substrates
 1. Block Filler: Block filler, latex, interior/exterior:
 - a. S-W PrepRite Block Filler, B25W25, at 75 to 125 sq. ft. per gal.
 2. Intermediate Coat: Latex, exterior, matching topcoat.
 3. Topcoat: Latex, exterior, satin:
 - a. S-W A-100 Exterior Latex Satin, A82 Series, at 4.0 mils wet, 1.5 mils dry, per coat.
- C. Wood Substrates (Plywood and Trims) - Paint
 1. Prime Coat: Primer, latex for exterior wood:
 - a. S-W Exterior Latex Primer, B42, at 4.0 mils wet, 1.4 mils dry, per coat.
 2. Intermediate Coat: Latex, exterior, matching topcoat.
 3. Topcoat: Latex, exterior, satin:
 - a. S-W A-100 Exterior Latex Satin, A82 Series, at 4.0 mils wet, 1.5 mils dry, per coat.
- D. Wood Substrates (Plywood and Trims) – Stain

1. Solid Stain:
 - a. 3 coats SW WoodScapes Solid Color Stain, A-15 series (Exterior Acrylic Solid color).
 2. Clear/Transparent Stain: Apply sanding sealer as recommended by paint manufacturer:
 - a. 1 coat SW Wood Classics Oil Stain, A49 Series (degree of stain as selected by the Architect).
 - b. 2 coats SW Wood Classics FastDry Oil Varnish, Satin A66 Series.
- E. Cementitious Siding and Trims.
1. Prime Coat: Primer sealer, latex:
 - a. S-W Loxon Concrete & Masonry Primer Sealer, A24W8300, at 8.0 wet, 3.2 mils dry.
 2. Prime Coat: Latex, exterior, matching topcoat.
 3. Intermediate Coat: Latex, exterior, matching topcoat.
 4. Topcoat: Latex, exterior, satin:
 - a. S-W A-100 Exterior Latex Satin, A6 Series, at 4.0 mils wet, 1.2 mils dry, per coat.

3.13 PAINT SCHEDULE – INTERIOR (DRY AREA ONLY)

- A. All exposed metal surfaces not otherwise provided for below.
1. These shall include, but not be limited to, the following:
 - a. Hollow metal doors and frames
 - b. Panel boxes
 - c. Miscellaneous metal
 - d. Exposed metal structure and framing
 - e. Grilles and diffusers
 - f. Exposed sheet metal and ductwork
 - g. Access doors
 - h. Exposed piping and conduit
 2. Paint application:
 - a. Clean with solvent in accordance with SSPC-SP1 to remove soluble contaminants.
 - b. Remove insoluble contaminants by hand or power tool cleaning (SSPC-SP2 or SP3). All surfaces shall be dry and clean.
 - c. Verify with each metal item that shop prime coats are compatible with finish field painting.
 3. Prime Coat: Primer, rust-inhibitive, water based:
 - a. S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series, at 5.0 to 10 mils wet, 2.0 to 4.0 mils dry.
 4. Intermediate Coat: Light industrial coating, exterior, water based, matching topcoat.

5. Topcoat: Light industrial coating, exterior, water based eggshell:
 - a. S-W Pro Industrial Eg-Shel Acrylic B66-660 Series, at 2.5 to 4.0 mils dry, per coat.

 - B. CMU Substrates
 1. Block Filler: Block filler, latex, interior/exterior:
 - a. S-W PrepRite Block Filler, B25W25, at 75-125 sq. ft. per gal.
 2. Intermediate Coat: Latex, interior, matching topcoat.
 3. Topcoat: Latex, interior, eggshell:
 - a. S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series, at 4.0 mils wet, 1.7 mils dry, per coat.

 - C. Wood Substrates
 1. Prime Coat: Primer sealer, latex, interior:
 - a. S-W PrepRite ProBlock Primer Sealer, B51-620 Series, at 4.0 mils wet, 1.4 mils dry.
 2. Intermediate Coat: Latex, interior, matching topcoat.
 3. Topcoat: Latex, interior, eggshell:
 - a. S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series, at 4.0 mils wet, 1.7 mils dry, per coat.

 - D. Gypsum Board Substrates (Ceilings/Walls)
 1. Prime Coat: Primer, latex, interior:
 - a. S-W ProMar 200 Zero VOC Latex Primer, B28W2600, at 4.0 mils wet, 1.0 mils dry.
 2. Intermediate Coat: Latex, interior, matching topcoat.
 3. Topcoat: Latex, interior, eggshell:
 - a. S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series, at 4.0 mils wet, 1.7 mils dry, per coat.
- 3.14 PAINT SCHEDULE – EPOXY - INTERIOR (WET AREAS) AND AS NOTED ON DRAWINGS
- A. All exposed metal surfaces not otherwise provided for below.
 1. These shall include, but not be limited to, the following:
 - a. Hollow metal doors and frames
 - b. Panel boxes
 - c. Miscellaneous metal
 - d. Exposed metal structure and framing

- e. Grilles and diffusers
 - f. Exposed sheet metal and ductwork
 - g. Access doors
 - h. Exposed piping and conduit
2. Paint application:
 - a. Clean with solvent in accordance with SSPC-SP1 to remove soluble contaminants.
 - b. Remove insoluble contaminants by hand or power tool cleaning (SSPC-SP2 or SP3). All surfaces shall be dry and clean.
 - c. Verify with each metal item that shop prime coats are compatible with finish field painting.
 3. Prime Coat: Primer, rust-inhibitive, water based:
 - a. S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series, at 5.0 to 10 mils wet, 2.0 to 4.0 mils dry.
 4. Intermediate Coat: Light industrial coating, interior, water based, matching topcoat.
 5. Topcoat: Light industrial coating, interior, water based, eggshell:
 - a. S-W Pro Industrial Pre-Catalyzed Water Based Epoxy, K45-151 Series, at 4.0 mils wet, 1.5 mils dry, per coat.
- B. CMU Substrates
1. Block Filler: Block filler, latex, interior/exterior:
 - a. S-W PrepRite Block Filler, B25W25, at 75-125 sq. ft. per gal.
 2. Intermediate Coat: Light industrial coating, interior, water based, matching topcoat.
 3. Topcoat: Light industrial coating, interior, water based, eggshell:
 - a. S-W Pro Industrial Pre-Catalyzed Water Based Epoxy, K45-151 Series, at 4.0 mils wet, 1.5 mils dry, per coat.
- C. Wood Substrates
1. Prime Coat: Primer sealer, latex, interior:
 - a. S-W PrepRite ProBlock Primer Sealer, B51-620 Series, at 4.0 mils wet, 1.4 mils dry.
 2. Intermediate Coat: Light industrial coating, interior, water based, matching topcoat.
 3. Topcoat: Light industrial coating, interior, water based, eggshell:
 - a. S-W Pro Industrial Pre-Catalyzed Water Based Epoxy, K45-151 Series, at 4.0 mils wet, 1.5 mils dry, per coat.
- D. Gypsum Board Substrates (Ceilings/Walls)
1. Prime Coat: Primer sealer, latex, interior:

- a. S-W ProMar 200 Zero VOC Latex Primer, B28W2600, at 4.0 mils wet, 1.0 mils dry.
 2. Intermediate Coat: Light industrial coating, interior, water based, matching topcoat.
 3. Topcoat: Light industrial coating, interior, water based, eggshell:
 - a. S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy, K45-151 Series, at 4.0 mils wet, 1.5 mils dry, per coat.
- E. CMU Interior Wet Areas
1. Block Filler: Block filler, latex, interior/exterior:
 - a. 1 to 2 coats Kem Cati-Coat HS Epoxy at 10.0-20.0 mils dry, as required to fill voids and provide a continuous substrate.
 2. Topcoat: Protective (Anti-Graffiti) Urethane, Satin:
 - a. 2K WB Urethane Anti-Graffiti Satin, at 4.0 mils dry.
- F. Previously Painted Substrates:
1. Topcoat: Protective (Anti-Graffiti) Urethane, Satin:
 - a. 2K WB Urethane Anti-Graffiti Satin, at 4.0 mils dry.

3.15 PROTECTIVE ANTI-GRAFFITI GENERAL (AS NOTED ON DRAWINGS)

A. Surface Preparation:

1. General: Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material. Any paint that is peeling, flaking, cracking, blistering or lifting must be removed to ensure adequate adhesion.
2. Concrete and Masonry: Concrete and Masonry: For surface preparation, refer to SSPC- SP13/NACE 6, or ICRI No. 310.2R, CSP 2-3. Surfaces should be thoroughly clean and dry. Concrete and mortar must be cured at least 28 days @ 75°F (24°C). Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement and hardeners. Previously Painted: If previously painted surface is in sound condition, clean surface of all foreign material. Smooth, hard or glossy coatings should be dulled by abrading the surface. Apply a test area, allowing to dry one week before testing adhesion. If adhesion is poor, or if this product attacks the previous finish, removal of the previous coating may be necessary.

3.16 PROTECTIVE ANTI-GRAFFITI SILOXANE

A. Bare Concrete Substrates:

1. Topcoat: Protective (Anti-Graffiti) Siloxane, Clear, Semi-Gloss
 - a. 1K Siloxane Anti-Graffiti Coating 6.0 to 9.0 mils dry.

B. Porous Masonry and Stone:

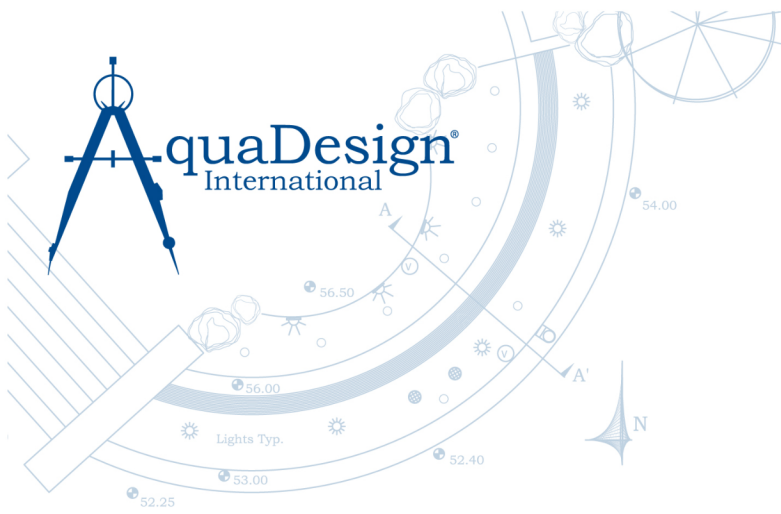
1. Base Coat: Anti-Graffiti Coating Reduced 10% with Mineral Spirits
2. Topcoat: Protective (Anti-Graffiti) Siloxane, Clear, Semi-Gloss
 - a. 1K Siloxane Anti-Graffiti Coating 6.0 to 9.0 mils dry.

3.17 PROTECTIVE ANTI-GRAFFITI URETHANE

A. CMU Interior/Exterior

1. Block Filler: Block filler, latex, interior/exterior:
 - a. S-W Pro Industrial Heavy-Duty Block Filler, B42W150, at 10 mils dry, per coat.
2. Topcoat: Protective (Anti-Graffiti) Urethane, Satin:
 - a. 2K WB Urethane Anti-Graffiti Satin, at 4.0 mils dry.

END OF SECTION 099100



Good Afternoon,

Recently new laws regarding energy standards have been put in place by the Department of Energy (DOE) that will take effect July 19, 2021. These new regulations affect single-speed, single-phase swimming pool, spa and water feature pumps that are, broadly speaking, roughly greater than 1 HP but less than 5 HP.

As a result of the new DOE requirements many manufacturers have discontinued the majority, if not all, single-speed, single-phase pumps in the aforementioned horsepower range. Many projects that have been completed and permitted have these pumps specified and keynoted on the Aqua Design International plan sets. With this in mind, the qualified pool contractor selected on the project will simply specify a DOE compliant substitution in their submittal documents to your team for our review and approval during Construction Administration.

In closing, there are a myriad of DOE compliant, variable speed pumps available on the marketplace and no re-design, overhaul or wholesale replacement of products will be required beyond the pumps meeting the criteria in this letter.

If you have any questions, please do not hesitate to reach out to Aden Acklin at aden@aquadesign.net and we will be happy to assist in any way possible.

Best Regards,

Aden Acklin

Aqua Design International, LLC