KMA ARCHITECTS, INC.
170 N Main Street
Spanish Fork, UT 84660
(801) 377- 5062

kmaarchitects.com

April 22, 2026

Addendum No. 1

ADDED TO THE PLANS AND SPECIFICATIONS FOR Green River High School Athletic Courts.

TO ALL SUBCONTRACTORS SUBMITTING BIDS ON THE ABOVE PROJECT: This Addendum No. 1 of Civil, Architectural, and Electrical is hereby made a part of the Contract Documents pertaining to the above project and shall be binding upon each Contractor submitting bid. It shall be the responsibility of each Contractor to notify his subs and suppliers concerning the contents of this Addendum as they specifically apply to them.

ITEM #1 – The bid date is **May 1st, 2026 by 4:00pm (local time)** and submissions are to be sent to Wayne Maxfield. Email: waynem@emeryschools.org or Mail: IFB GRHS ATHLETIC COURTS Attn: Wayne Maxfield - PO Box 1297, Castle Dale, UT 84513.

ITEM #2 – Final questions are due April 24th, 2026 by 12:00pm (local time). Questions are to be submitted to Email: waynem@emeryschools.org.

ITEM #3 – See the attached Attendance sheet from the walkthrough on April 16th, 2026.

ITEM #4 – Any substitution requests are to be submitted with information as outlined in spec section 01 25 00 Substitution procedures by April 24th, 2026 @ 12:00pm.

ITEM #5 – Project time line is to start on May 26, 2026 and its work is to be completed by September 30th, 2026.

ITEM #6 – Contractor is to have a broken out line item for the work associated with the installation of the Generator. (See updated bid form)

ARCHITECTURAL ADDENDUM ITEMS

ITEM #7 – Contractors are to coordinate with The School District on temporary power and water hook ups, some accommodations can be made. Restroom Facilities are to be provided by the Contractor.

ITEM #8 – Concrete is able to be poured in separate pours. The Contractor is responsible to ensure all concrete meets specifications.

ITEM #9 – See the attached Geo-technical report.

ITEM #10 – Landscape rock is to be as noted on the landscape L1 sheet. Color will be selected during the submittal phase. TYPE 1 which consists of (6” min. depth) 40% - 6”, 20%-5”, 40%-4”

ITEM #11 – Generator is provided by the School District, Contractor is responsible for setting and installing the Generator. Refer to Electrical drawings for additional direction. (See note S13 & S18 on sheet E1.0)

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ITEM #12 – Contractor is responsible for all employees and subcontractors to meet state background requirements.

ITEM #13 – Working hours are flexible, the Contractor is responsible to coordinate with the School District on any hours worked outside of normal working hours listed in the Specifications.

ITEM #14 – On site there are existing weather stations located on the west end of the property. The Contractor is responsible for providing temporary power/hook up to these stations to keep them running through construction coordinate, with the School District.

ITEM #15 – The Contractor is responsible for obtaining the locations of any existing utilities. The Contractor is to use Blue Stake and their own services to confirm locations. The School District will flag any lines that the School District is aware of, but it is the responsibility of The Contractor to address any existing utilities before construction is to begin.

ITEM #16 – The Contractor is responsible to work along with the School District on all building permits required.

ITEM #17 – The School District will provide their own third party testing. Once the selected Contractor has started the School District will provide the contract information on the third party inspector.

ITEM #18 – The Contractor is able to use the back parking lot as a laydown space and parking during construction. Final Coordination is required with the School District.

ITEM #19 – Fencing material is to be Galvanized as noted on the plans and Specifications.

ITEM #20 – The Contractor is to have a Certified Tennis Builder as part of their team.

ITEM #21 – Contractor is to add a 6” house keeping pad for the Generator.

ITEM #22 – The School District will pull any items before construction is to begin. Once the site is turned over to the Contractor, it is their responsibility to fully remove any existing items.

ITEM #23 – The General Contractor’s bond is based on their bid proposal number that is submitted.

ITEM #24 – The weight of the existing generator is approximately 1,700lbs. The fenced enclosure is approximately a 12’-6” x 21’-6” rectangle.

ITEM #25 – The drive approach from the existing parking lot to the new (2) 6’ swinging gate is a concrete drive. Detail is similar sidewalk cross section.

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Approvals - All products approved must still meet or exceed products listed in the specifications:

Section 32 18 23 - Tennis Courts - Court Surfacing System - SportMaster Products as submitted.

Section 32 18 23 - Tennis Courts - Court Surfacing System - Mapecoat TNS Professional with Medium 3 Finish

Please see the following sheets for electrical addendum items.

- **Resolut Addendum #1**

Green River High School Tennis Court

Field Verification Walk-Through

April 16, 2026, 1:00 Pm

Participant	Company & Address	Telephone Cell Phone	FAX Number Email Address	Comment
Jackson Nichols	Nichols Remodeling and Construction	435-630-8687	Jacksonnichols3@gmail.com	
Kelsey Cripps	Cripps Electric	435-6501325	crippselectric@etv.net	
Matt Madsen	GMS Mine Repair	970-201-4618	mmadsen@gmsminerepair.com	
Kiera Mason	Ellis Excauation	435-680-1223	info@ellisexcavationusa.com	
Joe Hurst	Tri-hurst construction	435-459-1594	jhurst@tri-hurstconstruction.com	
Thump Allred	PRT Builders LLC	435-383-8799	Bids@patbuilders.com	
Trevor Rowley	TSJ Construction	435-653-1910	trevorr@tsjconstruction.com	
Eddie Lovett	Renner Sports	801-673-2603	eddie.lovett@tarkettsports.com	

Green River High School Tennis Court

Field Verification Walk-Through

April 16, 2026, 1:00 Pm

Darrin Case	Dare-Case Contract	970-270-0284	darrin@darecase.com	
Jared carr	Hellas Construction	512-820-5004	Jcarr@hellasconstruction.com	
Brain Evenson	Wasatch West Cont.	801-455-1652	Brian@wasatchwestllc.com	
Kristen Bushnell	TWS Construction	801-560-5352	kristen@twsconstruct.com	
Shae Batt	TWS Construction	435-704-4827	Shae@twsconstruct.com	
Cj Harris	Luckdog Recreation	801-513-6293	Charris@luckydrec.com	
Hayden Heaton	Kenny Seng Construction	801-995-5343	Estimating@kennyseng.com	
Austin Holt	Stout Building Contractors	515-808-0642	dustin@stoutllc.com	
Kanyon Allred	Allred construction	435-609-1179	Allredkanyon@gmail.com	
Chandler Larsen	ECI	435-650-2794	Chandler@eciwest.com	

GREEN RIVIER HIGH SCHOOL - TENNIS COURTS

4/16/2026

NAME	COMPANY	EMAIL	PHONE NUMBER
~~Nichols Remodeling & Construction~~			
Jackson Nichols	Nichols Remodeling & Construction	Jacksonnichols3@gmail.com	435-630-8687
Kelsey Cripps	Cripps Electric	crippselectric@etv.net	435-650-1325
Matt Madsen	GMS mine repair	mmadsen@GMSminerepair.com	970-201-4618
Kiera Mason	Ellis Excavation	info@ellisexcavationusa.com	435-680-1223
Joe Hurst	Tri-Hurst Construction	jhurst@tri-hurstconstruction.com	~~435-459-1594~~
Thump Allred	PRT Builders LLC	Bids@prtbuilders.com	435-383-~~8750~~ $799
Trevor Rowley	TSJ Construction	trevor@tsjconstruction.com	435-653-1910
Eddie Lovett	Renner Sports	eddie.lovett@Tackettsports.com	801-673-2603
Darrin Case	Dare-Case Contracting	darrin@darecase.com	970-270-0284
JARED CARR	Hellas Construction	Jcarr@HellasConstruction.com	512-820-5004
BRIAN EVENSON	WASATCH WEST CONT.	BRIAN@WASATCHWESTLLC.COM	801-455-1652
KRISTEN BUSHNELL	TWS CONSTRUCTION	KRISTEN@TWSCONSTRUCT.COM	801-560-5352
Shae Batt	TWS Construction	Shae@TWSconstruct.com	435-709-4927

CJ HARRIS	Luckydog Recreation	CHARRIS@luckydrec.com	801-513-6293
Hayden Heaton	Kenny Seng Construction	Estimating@KennySeng.com	801-995-5343
Austin Holt	Stout Building Contractors	austinh@stoutllc.com	979-803-0642
Kanyon Allred	Allred construction	allredkanyon.Gmail.com	435-609-1179
Chandler Larsen	ECI	chandler@eciwest.com	435-650-2794

BID FORM
GREEN RIVER H.S TENNIS COURTS
745 WEST PIRATE AVE. GREEN RIVER, UT 84525

Name of Bidder:_____ Date: _____

Address:_____ City/Zip:_____

Contact Person: _____ Email:_____

Phone:_____ Fax:_____

Bid to: Emery County School District
Wayne Maxfield
wayneM@emeryschools.org
120 North Main Street, Huntington, UT 84528

Addenda: I/We acknowledge receipt of the following addenda:___/___/___/___/.

THIS PUBLIC SCHOOL PROJECT IS SALES TAX EXEMPT; DO NOT INCLUDE SALES TAX IN YOUR BID!
Note: All materials purchased for this project are tax exempt and subject to Form TC-721 Exemption Certificate, to be filed with each vendor.

Specification Sections Bidding**:**

Division / Section(s) & Description	Installed?	Bid Amount
_____	_____	$_____
_____	_____	$_____
_____	_____	$_____

Base Bid: $_____

Generator Broken out Cost (to be included in the total base bid): $_____

Dollars ($_____)
(In the case of discrepancy, written amount shall govern)

A. ADDITIONAL BIDDING REQUIREMENTS: (Failure to respond where required may result in disqualification of the bid).

1. Bids shall be priced lump sum to furnish and/or install all material and/or equipment as required by plans and specifications. A 5% BID SECURITY MUST BE ATTACHED FOR BIDS OVER $100,000. **PLEASE SUBMIT COPY OF BID SECURITY VIA FAX OR EMAIL.** Bid Security may be a bid bond made payable to the order of Emery County School District. The bid security of the accepted bidder shall be forfeited in the case of failure or refusal to enter into a contract and furnish payment and performance bonds as may be required.

2. Emery County School District reserves the right to accept or reject any and all proposals or alternates with or without cause for any reason determined by it or the District to be in the District's best interest and to waive any bidding informality.

3. Liquidated Damages for the project will be the following:

Days of Delay	Liquidated Damages per Day
0 to 15	$500.00
15 to 30	$1,000.00
30 to 45	$1,500.00
45 or more	$3,000.00

4. Proposed Project Foreman/Salesman:_____

   Contact Phone: _____Contact Email:_____

5. List All Long - Lead Items that may possibly affect the overall schedule time.

   - _____
   - _____
   - _____

6. Have reviewed and agree to construction schedule.
   Yes_____ No_____

7. Have confirmed all product or subcontractors are approved
   Yes_____ No_____

8. The undersigned, having examined the Drawings, Specifications and related documents in their entirety, and the site of the proposed work and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of labor, hereby propose to complete the work listed above in accordance with the Contract Documents and within the time set forth, at the price stated above and upon the subcontract form included in the Bid Documents. The above price is to cover all expenses incurred in performing the work required under the Contract Documents of which this proposal is a part.

9. CONTRACTOR'S QUALIFICATION STATEMENT: Upon request the low bidders shall submit a Contractor's Qualification Statement, A.I.A. document A305. Failure to show a statement satisfactory to the Owner or Construction Manager will be reason to reject the bid as nonresponsive. Past performance on similar projects and your ability to perform the work on this project to the satisfaction of the Owner and Construction Manager and perform the work on schedule will be a priority in awarding a subcontract.

10. **Past Relative Experience**: List projects of similar size and scope of work. This information may also be attached to this proposal.

Project Name	Contract Amount	Completion Date
_____	_____	_____
_____	_____	_____
_____	_____	_____

References:

Company	Contact	Phone/Email
_____	_____	_____
_____	_____	_____
_____	_____	_____

11. **COST FOR PAYMENT AND PERFORMANCE BOND:** **$_____**

Price NOT to be included in Base Bid

(If no amount is provided, it will be presumed that the subcontractor is unable to provide a bond for its work on this project).

Surety Company: _____ (Insurance Company)

Surety Agent: _____

Contact Information (Name & Phone Number): _____

THE BID DOCUMENTS ARE A COMPLETE PACKAGE. SUBCONTRACTORS BIDDING INDIVIDUAL SECTION(s) OR ANY PART THEREOF SHALL REVIEW ALL BID DOCUMENTS TO DETERMINE THEIR TOTAL SCOPE OF WORK AND INCLUDE ALL RELATED COSTS.

_____

Name of Bidder

_____Date_____

Authorized Signature

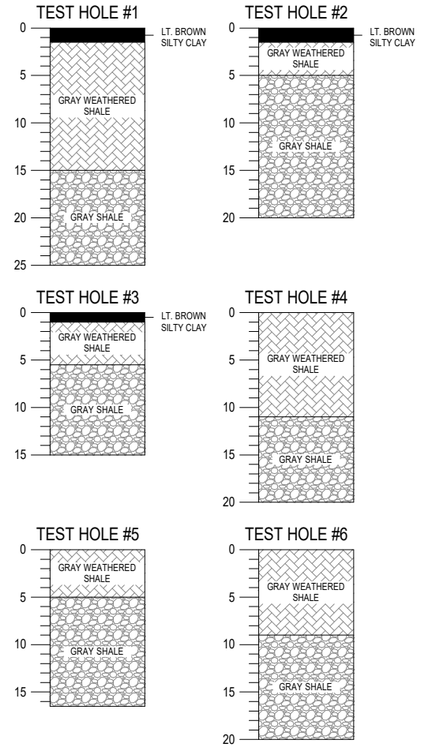
Bid is to include the filled out subcontractor list added below.

Value Engineering – (Optional) Include a description of each of your value engineering proposals and the cost impact that each would have on your bid listed above:

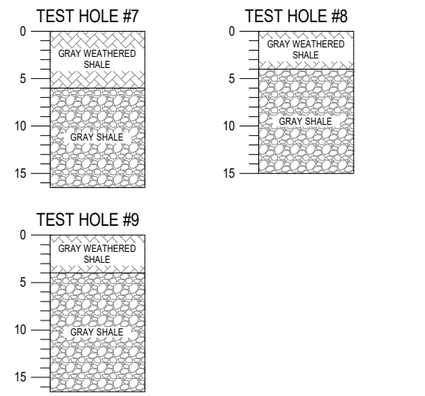
GEOTECHNICAL TEST HOLES

1" = 60'-0"

NORTH



1 LOG OF TEST BORINGS N.T.S.



2 LOG OF TEST BORINGS N.T.S.

KMA ARCHITECTS

RESOLUT

ADDENDUM

DATE: April 13, 2026

PROJECT NO: 251110

PROJECT: Emery County Green River HS Generator & Tennis Courts

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The following revision, additions, deletions, and/or items of clarification shall hereby be included as an integral part of the Contract Documents for the above-listed project and shall be fully binding. All other requirements of the original plans and specification shall remain in effect in their respective order.

DIVISION – 21,22,23,26

DRAWINGS

SHEET - E 0.2
1. Revise BB1, BB2A and BB2B light fixtures in the fixture schedule to 26’

SHEET - E 1.0
1. Revise keynote S3 by the PBC and TCC switches to S1.
2. Locate block heater and battery charger waterproof GFCI outlets on the generator. Circuit each to panel EL1-7.
3. Swap the conduit for the switchboard and MDF. See sheet for revision

SHEET - E 2.0
1. Change the panelboard schedule bussing to aluminum on both panels.

PRIOR APPROVALS

The following manufacturers, trade names and products are allowed to bid on a name brand only basis with the provision that they completely satisfy all and every requirement of the drawings, specifications and all addenda shall conform to the design, quality and standards specified, established and required for the complete and satisfactory installation and performance of the building and all its respective parts.

Item	Manufacturer	Comments

RELAY PANEL SCHEDULE 'RP1'

CABINET SIZE (# OF RELAYS):16 **SPARE RELAYS:**

MOUNTING: **VOLTAGE:** **CONTROL CIRCUIT:** **AIC RATING:**

RELAY	EM RELAY	POWER	SPACE	CONTROL	DIMMING	PROGRAMMING
RP1-1	No	TC1-16	BASKETBALL COURT		0-10V	TCC
RP1-2	No	TC1-20	TENNIS COURT		0-10V	TCC
RP1-3	No	TC1-21	TENNIS COURT		0-10V	TCC
RP1-4	No	TC1-23	BASKETBALL COURT		0-10V	TCC
RP1-5	No	TC1-12	TENNIS COURT		0-10V	TCC
RP1-6	No	TC1-13	TENNIS COURT		0-10V	TCC
RP1-7	No	TC1-11	PICKLEBALL COURT		0-10V	PBC
RP1-8	No	TC1-10	PICKLEBALL COURT		0-10V	PBC
RP1-9	No	TC1-9	PICKLEBALL COURT		0-10V	PBC
RP1-10	No	TC1-7	PICKLEBALL COURT		0-10V	PBC
RP1-11	No	TC1-8	PICKLEBALL COURT		0-10V	PBC
RP1-12	No	TC1-6	PICKLEBALL COURT		0-10V	PBC

LIGHT FIXTURE SCHEDULE

LIGHT FIXTURE ABBREVIATION SCHEDULE **PROJECT MANAGER: CIENNA WILKO**

A.F.F.	ABOVE FINISH FLOOR	SCBA	STANDARD PAINTED COLOR AS SELECTED BY THE ARCHITECT
WALL@CLG	WALL MOUNT AT CORNER OF WALL AND CEILING	CFBA	CUSTOM FINISH AS SELECTED BY THE ARCHITECT
CCBA	CUSTOM PAINTED COLOR AS SELECTED BY THE ARCHITECT	SFBA	STANDARD FINISH AS SELECTED BY THE ARCHITECT

LIGHT FIXTURE GENERAL NOTES

1. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF LIGHT FIXTURES AND, CONFIRM CEILING TYPES WITH LIGHT FIXTURE TRIMS. BRING ALL DISCREPANCIES OF LOCATIONS AND QUANTITIES TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO BIDDING.
2. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS OF LIGHT FIXTURES. BRING ALL DISCREPENCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BIDDING.
3. REFER TO THE SPECIFICATIONS FOR OTHER LIGHT FIXTURE, FUSING, LED DRIVERS, AND LAMP REQUIREMENTS AND ACCEPTABLE MANUFACTURERS.
4. CONFIRM AVAILABLE MOUNTING DEPTHS OF ALL LIGHT FIXTURES AND COMPARE WITH DEPTHS SHOWN ON SHOP DRAWINGS. BRING ALL POTENTIAL CONFLICT AREAS TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO RELEASE.
5. REFER TO LIGHTING PLANS FOR ALL LINEAR FIXTURE LENGTHS. THE CATALOG NUMBER IS BASED ON THE FIXTURE SPECIFIED AND MAY NOT REFLECT THE QUANTITY OR OVERALL LENGTH OF LINEAR FIXTURES REQUIRED. CONTRACTOR TO NOTE THAT VARIOUS FIXTURE LENGTHS MAY BE REQUIRED TO ACHIEVE THE OVERALL RUN...
6. REFER TO LIGHTING PLANS FOR ALL UNDERCABINET FIXTURE LENGTHS. THE CATALOG NUMBER IS BASED ON THE FIXTURE SPECIFIED AND MAY NOT REFLECT THE QUANTITY OR OVERALL LENGTH OF THE UNDERCABINET FIXTURES REQUIRED. CONTRACTOR TO NOTE THAT VARIOUS FIXTURE LENGTHS MAY BE REQUIRED TO ACHIEVE THE OVERALL RUN LENGTH OR TO FIT WITHIN THE MILLWORK. COORDINATE FIXTURE LAYOUT WITH MILLWORK SHOP DRAWINGS PRIOR TO LIGHTING SUBMITTALS.
7. WHEN A CONTRADICTION EXISTS BETWEEN A SPECIFIC MODEL NUMBER AND THE DESCRIPTION, NOTIFY THE ELECTRICAL ENGINEER AND/OR LIGHTING DESIGNER.
8. PRIOR APPROVALS ARE REQUIRED BEFORE BIDDING THE PROJECT AND SHALL BE SUBMITTED TO THE ELECTRICAL ENGINEER'S OFFICE AT LEAST (8) EIGHT WORKING DAYS BEFORE THE BID. PRIOR APPROVALS RECEIVED AFTER THIS TIME PERIOD SHALL BE REJECTED.
9. REFER TO SPECIFICATIONS 20 0500, 26 5100 & 26 5600 (16001, 16510 & 16591).
10. VALUE ENGINEERING CONDUCTED WITHOUT THE DESIGN TEAM IE; ARCHITECT, ENGINEER & LIGHTING CONSULTANT/DESIGNER WILL NOT BE ALLOWED, REVIEWED OR APPROVED.

TYPE	DESCRIPTION	MOUNTING	BATTERY PACK	DIMMING	MFR.	MODEL NUMBER	VOLTAGE	TOTAL WATTS	DIRECT LUMENS	CCT	CRI
BB1	SMALL SPORT AREA LED LUMINAIRE; DIE-CAST & EXTRUDED ALUMINUM HOUSING; FULL CUTOFF; IP66 RATED; 0-10V DIMMING; PROGRAMMED PER OWNERS REQUIREMENTS; 100,000 HOUR (L70); 5 YR. WARRANTY; MOUNTED ON A 26' ROUND TAPERED ALUMINUM POLE w/VIBRATION DAMPENING; MAX EPA 5.4 @ 120; LIFETIME WARRANTY ON POLE; DLC PREMIUM LISTED.	POLE		LED DRIVER, 0-10V DIMMABLE, 10%	NLS LIGHTING	VUE-34X-SP-192L-62-50K7-UNV-TA-SCBA-HSS-RPA-DTSS-2-070-5S-SCBA (1)RTAP-26-5S-250-12BC-ND-SCBA-136-VD	120 V	621 VA	76400 lm	5000 K	70
BB2A	SMALL SPORT AREA LED LUMINAIRE; DIE-CAST & EXTRUDED ALUMINUM HOUSING; FULL CUTOFF; IP66 RATED; 0-10V DIMMING; PROGRAMMED PER OWNERS REQUIREMENTS; 100,000 HOUR (L70); 5 YR. WARRANTY; MOUNTED ON A 26' ROUND TAPERED ALUMINUM POLE w/VIBRATION DAMPENING; MAX EPA 5.4 @ 120; LIFETIME WARRANTY ON POLE; DLC PREMIUM LISTED; DUAL HEAD MOUNTING AT 180 DEGREES; SCBA	POLE		LED DRIVER, 0-10V DIMMABLE, 10%	NLS LIGHTING	(2) VUE-34X-SP-192L-62-50K7-UNV-TA-SCBA-HSS-RPA-DTSS-2-070-5S-SCBA (1)RTAP-26-5S-250-12BC-ND-SCBA-136-VD	120 V	1,500 VA	152000 lm	5000 K	70
BB2B	SMALL SPORT AREA LED LUMINAIRE; DIE-CAST & EXTRUDED ALUMINUM HOUSING; FULL CUTOFF; IP66 RATED; 0-10V DIMMING; PROGRAMMED PER OWNERS REQUIREMENTS; 100,000 HOUR (L70); 5 YR. WARRANTY; MOUNTED ON A 26' ROUND TAPERED ALUMINUM POLE w/VIBRATION DAMPENING; MAX EPA 5.4 @ 120; LIFETIME WARRANTY ON POLE; DLC PREMIUM LISTED; DUAL HEAD MOUNTING AT 90 DEGREES; SCBA, FIXTURES ON SEPARATE RELAYS AND CIRCUITS TO PROVIDE INDIVIDUAL CONTROL OF TENNIS COURT AND BASKETBALL COURTS.	POLE		LED DRIVER, 0-10V DIMMABLE, 10%	NLS LIGHTING	(2) VUE-34X-SP-192L-62-50K7-UNV-TA-SCBA-HSS-RPA-DTSS-2-070-5S-SCBA (1)RTAP-26-5S-250-12BC-ND-SCBA-136-VD	120 V	700 VA	152000 lm	5000 K	70
BB3	SMALL SPORT AREA LED LUMINAIRE; DIE-CAST & EXTRUDED ALUMINUM HOUSING; FULL CUTOFF; IP66 RATED; 0-10V DIMMING; PROGRAMMED PER OWNERS REQUIREMENTS; 100,000 HOUR (L70); 5 YR. WARRANTY; MOUNTED ON A 27' ROUND TAPERED ALUMINUM POLE w/VIBRATION DAMPENING; MAX EPA 5.4 @ 120; LIFETIME WARRANTY ON POLE; DLC PREMIUM LISTED; THREE HEAD MOUNTING (SEE PLANS); SCBA; FIXTURES ON SEPARATE RELAYS AND CIRCUITS TO PROVIDE INDIVIDUAL CONTROL OF TENNIS COURT AND BASKETBALL COURTS.	POLE		LED DRIVER, 0-10V DIMMABLE, 10%	NLS LIGHTING	(3) VUE-34X-SP-192L-62-50K7-UNV-TA-SCBA-HSS-RPA-DTSS-2-070-5S-SCBA (1)RTAP-27-5S-250-12BC-ND-SCBA-136-VD	120 V	1,700 VA	229000 lm	5000 K	70
C4G	1'X4' LED FLAT PANEL LUMINAIRE; HIGH TRANSMISSION EXTRUDED LOW GLARE PMMA FROSTED ACRYLIC LENS; ULTRA-THIN <2" H; SCRATCH AND IMPACT RESISTANT; RECESSED INTO ACCESSIBLE ARCHITECTURAL CEILING; EASY TO CLEAN; 100,000 HOUR (L70); DLC LISTED; 5 YR. WARRANTY; 0-10 DIMMING; FIELD-SELECTABLE LUMEN OUTPUT; FIELD SELECTIBLE CCT [HIGH, 3500K]	LAY-IN		LED DRIVER, 0-10V DIMMABLE, 10%	ILP	VPAN14-22L/33L/44L-U-CCTS	120 V	36 VA	4400 lm	3500 K	82
PB1	SMALL SPORT AREA LED LUMINAIRE; DIE-CAST & EXTRUDED ALUMINUM HOUSING; FULL CUTOFF; IP66 RATED; 0-10V DIMMING; PROGRAMMED PER OWNERS REQUIREMENTS; 100,000 HOUR (L70); 5 YR. WARRANTY; MOUNTED ON A 22' ROUND TAPERED ALUMINUM POLE w/VIBRATION DAMPENING; MAX EPA 5.4 @ 120; LIFETIME WARRANTY ON POLE; DLC PREMIUM LISTED; DUAL HEAD MOUNTING AT 180 DEGREES; SCBA	POLE		LED DRIVER, 0-10V DIMMABLE, 10%	NLS LIGHTING	(1)VUE-34X-SP-192L-41-50K7-UNV-TA-SCBA-HSS-RPA-DTSS-2-070-5S-SCBA (1)RTAP-22-5S-250-12BC-ND-BLK-136-VD	120 V	414 VA	58371 lm	5000 K	70
PB2	SMALL SPORT AREA LED LUMINAIRE; DIE-CAST & EXTRUDED ALUMINUM HOUSING; FULL CUTOFF; IP66 RATED; 0-10V DIMMING; PROGRAMMED PER OWNERS REQUIREMENTS; 100,000 HOUR (L70); 5 YR. WARRANTY; MOUNTED ON A 22' ROUND TAPERED ALUMINUM POLE w/VIBRATION DAMPENING; MAX EPA 5.4 @ 120; LIFETIME WARRANTY ON POLE; DLC PREMIUM LISTED; DUAL HEAD MOUNTING AT 180 DEGREES; SCBA	POLE		LED DRIVER, 0-10V DIMMABLE, 10%	NLS LIGHTING	(2)VUE-34X-SP-192L-41-50K7-UNV-TA-SCBA-HSS-RPA-DTSS-2-070-5S-SCBA (1)RTAP-22-5S-250-12BC-ND-BLK-136-VD	120 V	1,200 VA	116000 lm	5000 K	70
S2M	2'X2' LED FLAT PANEL LUMINAIRE; HIGH TRANSMISSION EXTRUDED LOW GLARE PMMA FROSTED ACRYLIC LENS, ULTRA-THIN <2" H; SCRATCH AND IMPACT RESISTANT; SURFACE MOUNT KIT; CONTRACTOR SHALL FIELD VERIFY EXISTING FIXTURE CONDITION PRIOR TO ORDERING TO ENSURE MOUNTING COMPATIBILITY; EASY TO CLEAN; 100,000 HOUR (L70); DLC LISTED; 5 YR. WARRANTY; 0-10 DIMMING; FIELD-SELECTABLE LUMEN OUTPUT; FIELD SELECTIBLE CCT [HIGH, 3500K]	FIELD VERIFY		LED DRIVER, 0-10V DIMMABLE, 10%	ILP	VPAN22-22L/33L/44L-U-CCTS-SMSK22	120 V	33 VA	4400 lm	3500 K	82

RESOLUT
181 E 5600 S, Murray, UT 84107 | (801) 530-3148
info@resolutgroup.com | resolutgroup.com

Project #: YY####

170 NORTH MAIN STREET
SPANISH FORK, UTAH 84660
WWW.KMAARCHITECTS.COM

KMA ARCHITECTS

BRIAN HICKS 7370915 DATE OF LICENSE

REVISIONS:

EMERY COUNTY SCHOOL DISTRICT

GREEN RIVER HIGH SCHOOL TENNIS

GREEN RIVER, UTAH

745 W. PIRATE AVE.

DRAWN BY: RESOLUT
CHECKED BY: RESOLUT
DATE: MAR. 2026
PROJECT #: 251110

E0.2

GENERAL SITE PLAN NOTES

1. DIVISION 26 SHALL VISIT THE SITE PRIOR TO BIDDING. BIDS SHALL SERVE AS EVIDENCE OF KNOWLEDGE OF EXISTING CONDITIONS. BIDDERS SHALL EXAMINE THE SITE AND THE COMPLETE SET OF PLANS AND SPECIFICATIONS COVERING THE ENTIRE PROJECT. THEY SHALL BECOME FULLY CONVERSANT WITH THE TYPE OF GENERAL CONSTRUCTIONS AS WELL AS ALL PERTINENT FACTS AFFECTING THE COST OF CARRYING OUT THE WORK THEY WILL CONTRACT TO PERFORM. DIVISION 26 SHALL COORDINATE PROJECT PHASING WITH GENERAL CONTRACTOR AND BID AND PERFORM RESPONSIBILITIES FOR THIS PROJECT TO CONTRACT EXPECTATIONS.
2. MAINTAIN PROTECT EXISTING UTILITY SERVICES AND ELECTRIFIED EQUIPMENT FOR EXISTING FACILITIES. COORDINATE REQUIRED DISRUPTION OF THESE SERVICES WITH OWNER PRIOR TO DISCONNECTING. PROVIDE TEMPORARY UTILITY SERVICES TO KEEP FACILITIES IN OPERATION DURING UTILITY RELOCATION INCLUDING BUT NOT LIMITED TO FIRE WATCHES, ELECTRICAL GENERATORS, ETC.
3. ANY ELECTRICAL ROUGN-IN, EQUIPMENT AND CONDUIT PATWHAYS ARE DIAGRAMMATICALLY SHOWN ON THE DRAWINGS. FINAL ROUTING OF THE CONDUITS, CIRCUITING, AND CABLING SHALL BE DETERMINED BY THE CONTRACTOR.
4. DIVISION 26 SHALL BLUE STAKE THE AREA OF NEW CONSTRUCTION PRIOR TO EXCAVATION FOR FOOTINGS, ETC. IDENTIFY BURIED ELECTRICAL SYSTEMS(UTILITIES, POWER, COMMUNICATIONS, ETC.) AND COORDINATE LOCATIONS WITH THE GENERAL CONTRACTOR. IF EXISTING ELECTRICAL SYSTEMS ARE DISTURBED (POWER,AUXILIARY, ETC.) E.C. SHALL MAKE NECESSARY REPAIRS (AS APPROVED BY DISTRICT REPRESENTATIVE) AS PART OF THIS CONTRACT.
5. CONTRACTOR TO CLOSELY COORDINATE ALL NEW AND EXISTING DEVICE LOCATIONS WITH CIVIL DRAWINGS. CONTRACTOR TO VERIFY ALL FINAL GRADE REQUIREMENTS WITH CIVIL DRAWINGS.
6. CLOSELY COORDINATE ANY REQUIRED POWER SHUTDOWNS WITH GENERAL, HEAD CUSTODIAN, AND OWNER.
7. CONTRACTOR TO PROVIDE ADDITIONAL PULL BOXES AS REQUIRED PER NEC AND NECESSARY TO PROVIDE SUCCESSFUL CABLE PULLS.
8. TRENCHING AND BACKFILL: LOCATE AND PROTECT EXISTING UTILITIES AND OTHER UNDERGROUND WORK IN A MANNER WHICH WILL ENSURE THAT NO DAMAGE OR SERVICE INTERRUPTIONS WILL RESULT FROM EXCAVATING AND BACKFILLING. PERFORM EXCAVATION IN A MANNER WHICH PROTECTS WALLS, FOOTINGS, AND OTHER STRUCTURAL MEMBERS FROM BEING DISTURBED OR DAMAGED IN ANY WAY. BURIAL DEPTHS MUST COMPLY WITH NEC SECTION 300-5 (OR STATE OF UTAH REQUIREMENTS, WHICHEVER IS MORE STRINGENT), UNLESS NOTED OTHERWISE. PATCH AND REPAIR ROADS, PARKING AREAS, SIDEWALKS, CURBS, OTHER PAVED AREAS, PLANTING AND ANY OTHER DISTURBED AREAS CAUSED BY THE ELECTRICAL CONTRACTOR DURING CONSTRUCTION.
9. BORING, TRENCHING, ASPHALT CUTTING AND PATCH WORK BY DIVISION 26. ANY CONCRETE THAT NEEDS TO BE REMOVED TO COMPLETE WORK WILL BE THE RESPONSIBILITY OF DIVISION 26. SCHEDULING OF THE TRENCHING SHALL BE COORDINATED WITH OTHER TRADES AND APPROVED BY THE OWNER.
10. CABLE RUNS SHALL BE MARKED WITH RED PLASTIC MARKING TAPE INSTALLED IN THE TRENCH ONE FOOT BELOW SURFACE.
11. BACKFILL SHALL BE FREE OF ROCKS AND OTHER OBJECTS WHICH MIGHT DAMAGE THE CABLE.
12. INSPECT ALL CONDUIT(S) WITH CAMERA TO CONFIRM THAT CONDUIT(S) HAVE NOT BEEN CRUSHED OR BROKEN. CAP OPEN ENDS OF CONDUITS AND INSTALL A 200 LB. NYLON PULL CORD IN EACH EMPTY CONDUIT RUN.
13. PROVIDE PLANS, PHOTO DOCUMENTATION AND GPS COORDINATES INDICATING THE LOCATION OF ANY AND ALL CONDUITS INTENDED FOR FUTURE USE BY OWNER. SUBMIT DOCUMENTATION WITH O&Ms.
14. VERIFY LOCATION OF LIGHT POLES WITH THE OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
15. PROVIDE HAND RUBBED FINISHES FOR ALL SITE POLES. REFER TO DIAGRAM C003/E102 FOR ADDITIONAL INFORMATION.
16. PROVIDE TEMPORARY POWER FOR PROJECT AS REQUIRED BY GENERAL CONTRACTOR.

KEYNOTES

S1	RISE UP WITH RMC AND SECURE LOCKABLE, WEATHERPRROF DEVICE AND CONDUIT TO FENCE POLE STRUCTURE. VERIFY EXACT LOCATION WITH OWNER AND GC PRIOR TO ROUGH-IN. PROVIDE LOCKABLE, IN-USE WEATHER RESISTANT RATED ENCLOSURE.
S2	FIELD VERIFY FINAL LOCATION CLOSELY WITH GC. COORDINATE ADDITIONAL REQUIREMENTS FOR POLES SHOWN WITHIN POST TENSION TENNIS COURT SLAB WITH GC.
S3	DIV. 26 TO STUB AND CAP WITH PULLSTRING FOR FUTURE EXTENSION OF LINE. PROVIDE GPS COORDINATES OF STUB LOCATION FOR FUTURE USE.
S4	DEMO THE EXISTING OUTLET SERVING THE WEATHER STATION COMPLETELY BACK TO SOURCE REMOVE CONDUCTOR THROUGHOUT AND RELABEL BREAKER IN SOURCE PANELBOARD AS SPARE. PROVIDE A NEW OUTLET AS SHOWN.
S5	EXISTING BUS HEATER PANEL TO REMAIN. DIV. 26 TO REMOVE EXISTING CONDUCTORS FEEDING THE PANEL COMPLETELY BACK TO SOURCE AND RELABEL SOURCE BREAKER AS SPARE. PROVIDE (2) NEW 20A 120V CIRCUITS AS INDICATED IN NEW 2" CONDUIT. WIRE SIZE UPSIZED FOR VOLTAGE DROP. PROVIDE POLARIS LUG ADAPTERS AS NECESSARY TO TERMINATE WIRES TO EXISTING OUTLETS WITHIN PANEL.
S6	DIV. 26 TO STUB AND CAP AT +24" ABOVE GRADE WITH PULLSTRING FOR FUTURE EXTENSION OF LINE INTO THE EXISTING SHED. CONDUIT TO BE USED BY THE OWNER FOR POWER TO THE SHED AT A FUTURE POINT.
S7	VERIFY CONDUIT ROUTING WITH CIVIL SITE PLAN. CONDUITS TO NOT PASS THROUGH GRADING OR BED OF THE RETENTION POND AREA.
S8	PROVIDE A STAND ALONE 16-RELAY MINIMUM LIGHTING CONTROL PANEL FOR AUTO CONTROL OF TENNIS AND PICKLEBALL COURTS. PROGRAM CALENDAR PER OWNER'S DIRECTION FOR AUTOMATIC ON/OFF TIMES AND SCHEDULED DAYS (APPRENTICE 3 LIGHTING RELAY PANEL OR EQUIVALENT). PROGRAM LIGHTING RELAYS PER OWNER REQUIREMENTS. INCLUDE MASTER OVERRIDE SWITCH TCC AND PBC FOR MANUAL OVERRIDE. RELAY PANEL MUST BE IN A LOCKABLE, NEMA 3R RATED.
S9	PROVIDE LOW-VOLTAGE WALLSTATION FOR CONTROL OF TENNIS COURTS AND BASKETBALL FIXTURES. ENGRAVE SWITCH BUTTONS AS FOLLOWS: TC ON - TURNS ON TENNIS COURT FIXTURES FOR 90 MINUTES, TC OFF - TURNS OFF TENNIS COURT FIXTURES, BB ON: TURNS ON BASKETBALL COURT FIXTURES FOR 90 MINUTES, BB OFF - TURNS OFF BASKETBALL COURT FIXTURES.
S10	PROVIDE LOW-VOLTAGE WALLSTATION FOR CONTROL OF PICKLEBALL COURTS. ENGRAVE SWITCH BUTTONS AS FOLLOWS: PB ON - TURNS ON PICKLEBALL COURT FIXTURES FOR 90 MINUTES, PB OFF - TURNS OFF PICKLEBALL COURT FIXTURES.
S11	CONTRACTOR SHALL FIELD VERIFY ROUTING WITH OWNER, ARCHITECT, AND GC. DIV. 26 TO PROVIDE ALL NECESSARY TRENCHING, EXCAVATION, BORING, COMPACTING, BACKFILL, AND CONCRETE/ASPHALT PATCHING FOR ALL ELECTRICAL UNDERGROUND.
S12	MULTIPLE KNOWN UNDERGROUND UTILITIES IN THE AREA INCLUDED PROPANE, SEWER, STORM DRAIN, AND UTILITY SECONDARY POWER. CONTRACTOR SHALL FIELD LOCATE EXISTING UNDERGROUND UTILITY LINES AND MAINTAIN IN PLACE. CONTRACTOR IS RESPONSIBLE FOR ADJUSTING CONDUIT ROUTING AND GENERATOR AND ELECTRICAL GEAR LOCATIONS AS NECESSARY IN THE FIELD TO CLEAR EXISTING UTILITIES.
S13	GENERATOR IS BEING RELOCATED FROM AN EXISTING SCHOOL. GENERATOR IS FURNISHED BY THE OWNER AND TO BE INSTALLED BY THE CONTRACTOR. EXISTING GENERATOR IS A 350DGBB DIESEL GENERATOR. EXISTING GENERATOR WAS PREVIOUSLY A 480V 3P CONFIGURATION. CONTRACTOR MUST CONTACT CUMMINS REP TO INCLUDE THEIR GENERATOR TECHNICIAN SERVICES TO RESTRAP THE ALTERNATOR, REPROGRAM INTERNAL CONTROLS, AND REPLACE ALTERNATOR LEADS AS WELL AS INCLUDING STARTUP AND COMMISSIONING SERVICES. CONTRACTOR TO PROVIDE A NEW 100A 208V 3P BREAKER WITHIN THE GENERATOR.
S14	COORDINATE STUB-UP LOCATION WITH OWNER AND ARCHITECT. CONDUITS TO RISE UP BUILDING EXTERIOR AND CONTINUE OVERHEAD THROUGH OPEN TO STRUCTURE AND LAY-IN CEILING TILE AREAS TO CONTINUE TO THE EXISTING ELECTRICAL ROOM AND EXISTING MAIN DATA ROOM.
S15	EXISTING ABANDONED EMERGENCY BATTERY SYSTEM TO BE DEMOLISHED.
S16	EXISTING MDF LOCATION. STUB AND CAP (1) 2" CONDUIT FROM THE SITE TO CEILING ABOVE RACK FOR FUTURE USE. LABEL CONDUIT AS 'TENNIS COURT SPARE'. REPLACE EXISTING OUTLETS SHOWN WITH NEW, RED OUTLETS FOR EMERGENCY POWER. EXTEND BRANCH CIRCUITS FROM NEW PANELBOARD 'EL1'. REMOVE EXISTING CONDUCTORS BACK TO SOURCE PANELBOARD AND RELABEL BREAKER AS 'SPARE'.
S17	REPLACE EXISTING OUTLETS SHOWN WITH NEW, RED OUTLETS FOR EMERGENCY POWER. EXTEND BRANCH CIRCUITS FROM NEW PANELBOARD 'EL1'. REMOVE EXISTING CONDUCTORS BACK TO SOURCE PANELBOARD AND RELABEL BREAKER AS 'SPARE'.
S18	EXISTING EMERGENCY LIGHT FIXTURE CIRCUIT TO BE RE-WIRED TO NEW EMERGENCY PANEL BRANCH CIRCUIT EL1. FIELD VERIFY EXISTING LIGHT FIXTURE MOUNTING CONDITIONS PRIOR TO ORDERING NEW FIXTURES TO ENSURE REPLACEMENT FIXTURES WILL RETROFIT INTO EXISTING CEILING CONDITIONS.
S19	PROVIDE A NEW WESTINGHOUSE HFB3100 100A 208V 3P BREAKER WITHIN EXISTING WESTINGHOUSE POW-R-LINE SWITCHBOARD FOR EMERGENCY PANELBOARD 'EL1'. PROVIDE A NEW WESTINGHOUSE XB320DF 200A 208V 3P BREAKER WITHIN EXISTING WESTINGHOUSE SWITCHBOARD FOR NEW TENNIS COURT PANELBOARD. CONTRACTOR SHALL FIELD VERIFY BREAKER FRAME REQUIREMENTS WITH EXISTING GEAR PRIOR TO ORDERING.

SITE PLAN
SCALE = 3/64" = 1'-0"

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Project #: YY####

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KMA ARCHITECTS

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EMERY COUNTY SCHOOL DISTRICT
GREEN RIVER HIGH SCHOOL TENNIS
745 W. PIRATE AVE.
GREEN RIVER, UTAH

DRAWN BY: RESOLUT
CHECKED BY: RESOLUT
DATE: MAR. 2026
PROJECT #: 251110

E1.0

PANELBOARD SCHEDULE

PANEL: EL1 | TYPE: | VOLTS: 208Y/120, 3Φ, 4W | PHASE: 3 | WIRES: 4

LOCATION: | MAINS/BUS AMPS: 100 | LUGS: Standard

FED FROM: ATS-EL1 | MAIN DISC. TYPE: MCB | DOOR-IN-DOOR

MOUNTING: | MAIN DISC. TRIP: 100 | 200% NEUTRAL

BUSSING: ALUMINUM | ISO GROUND

X SPD

BRANCH BREAKERS

ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM
Receptacle - General	20 A	1	#8	1	180 VA			180 VA			2	#8	1	20 A	Receptacle - General
Receptacle - General	20 A	1	#8	3		180 VA			243 VA		4	#8	1	20 A	Lighting - Interior
Receptacle - General	20 A	1		5			180 VA				6				
Receptacle - General	20 A	1		7	180 VA						8				
				9							10				
SPARE	20 A	1	--	11			0 VA			0 VA	12	--	1	20 A	SPARE
SPARE	20 A	1	--	13	0 VA			0 VA			14	--	1	20 A	SPARE
SPARE	20 A	1	--	15		0 VA			0 VA		16	--	1	20 A	SPARE
SPARE	20 A	1	--	17			0 VA			0 VA	18	--	1	20 A	SPARE
SPARE	20 A	1	--	19	0 VA			0 VA			20	--	1	20 A	SPARE
SPARE	20 A	1	--	21		0 VA			0 VA		22	--	1	20 A	SPARE
SPARE	20 A	1	--	23			0 VA			0 VA	24	--	1	20 A	SPARE
					540	418	180	TOTAL (VA)							CONNECTED LOAD TOTAL
					4.8 A	3.8 A	1.5 A	AMPS/PHASE							1,134 VA

AIC RATING: 19,191 AMPS RMS SYSM.

NOTES:

PANELBOARD SCHEDULE

PANEL: TC1 | TYPE: | VOLTS: 208Y/120, 3Φ, 4W | PHASE: 3 | WIRES: 4

LOCATION: | MAINS/BUS AMPS: 200 | LUGS: Standard

FED FROM: SWITCHBOARD 3 | MAIN DISC. TYPE: MCB | DOOR-IN-DOOR

MOUNTING: | MAIN DISC. TRIP: 200 | 200% NEUTRAL

BUSSING: ALUMINUM | ISO GROUND

X SPD

BRANCH BREAKERS

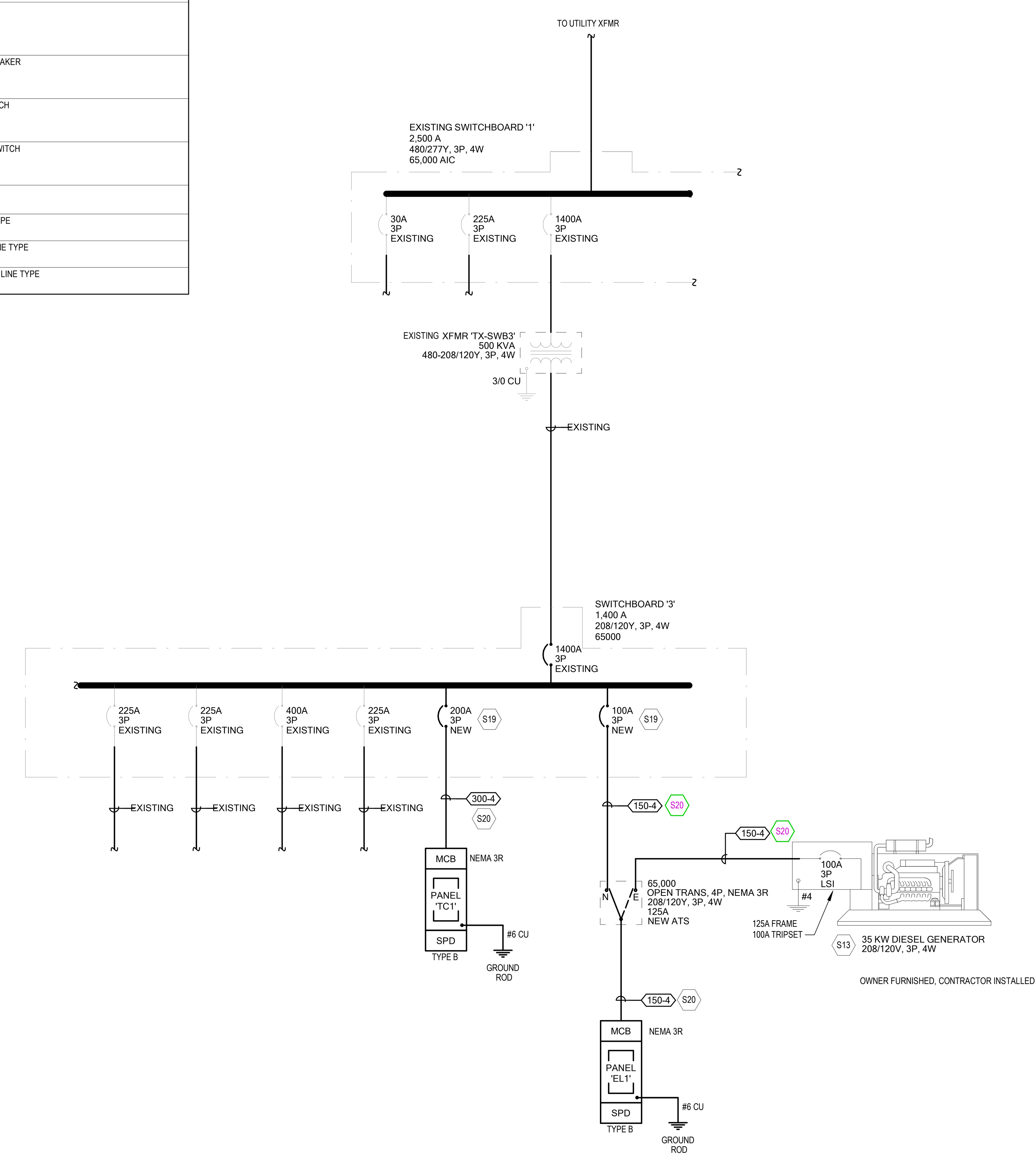
ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM
Receptacle - General	20 A	1	#12	1	180 VA			180 VA			2	#12	1	20 A	Receptacle - General
Receptacle - General	20 A	1	#10	3		180 VA			180 VA		4	#12	1	20 A	Receptacle - General
Receptacle - General	20 A	1	#12	5			180 VA			828 VA	6	#10	1	20 A	Lighting
Lighting	20 A	1	#10	7	1,200 VA			1,200 VA			8	#8	1	20 A	Lighting
Lighting	20 A	1	#8	9		1,200 VA			1,200 VA		10	#6	1	20 A	Lighting
Lighting	20 A	1	#8	11			828 VA			1,242 VA	12	#8	1	20 A	Lighting
Lighting	20 A	1	#8	13	1,500 VA						14				
EXISTING BUS HEATER PANEL	20 A	1	#6	15		1,200 VA			1,200 VA		16	#8	1	20 A	Lighting
EXISTING BUS HEATER PANEL	20 A	1	#6	17			1,200 VA			500 VA	18	#12	1	20 A	RP1
Receptacle - General	20 A	1	#10	19	180 VA			1,400 VA			20	#8	1	20 A	Lighting
Lighting	20 A	1	#6	21		1,700 VA					22				
Lighting	20 A	1		23			600 VA				24				
				25							26				
SPARE	20 A	1	--	27		0 VA			0 VA		28	--	1	20 A	SPARE
SPARE	20 A	1	--	29			0 VA			0 VA	30	--	1	20 A	SPARE
SPARE	20 A	1	--	31	0 VA			0 VA			32	--	1	20 A	SPARE
SPARE	20 A	1	--	33		0 VA			0 VA		34	--	1	20 A	SPARE
SPARE	20 A	1	--	35			0 VA			0 VA	36	--	1	20 A	SPARE
SPARE	20 A	1	--	37	0 VA			0 VA			38	--	1	20 A	SPARE
SPARE	20 A	1	--	39		0 VA			0 VA		40	--	1	20 A	SPARE
SPARE	20 A	1	--	41			0 VA			0 VA	42	--	1	20 A	SPARE
					5840	6760	5284	TOTAL (VA)							CONNECTED LOAD TOTAL
					49.4 A	57 A	44 A	AMPS/PHASE							17,370 VA

AIC RATING: 8,003 AMPS RMS SYSM.

NOTES:

ELECTRICAL ONE-LINE SYMBOL DIAGRAM

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	GENERATOR	PANEL 'XXX'	POWER PANEL
	DOCKING STATION	N E	TRANSFER SWITCH
	PAD MOUNTED SWITCHGEAR		TRANSFORMER
	SECTIONALIZING CABINET		AC / DC INVERTER
	EQUIPMENT ENCLOSURE	F	FUSED DISCONNECT
#6 CU GROUND ROD; 2/0 CU 30'-0" UFER	GROUNDING ELECTRODES		MAGNETIC STARTER / DISCONNECT
2/0 CU WATER MAIN; 2/0 CU BLDG STEEL	GROUNDING ELECTRODES	SPD TYPE 'X'	SURGE PROTECTION
	SWITCHBOARD BUS		CURRENT TRANSFORMER
		M	FEED THRU METER
		M	CT METER
			CIRCUIT BREAKER
			FUSED SWITCH
			UNFUSED SWITCH
			MOTOR
			NEW LINE TYPE
			EXISTING LINE TYPE
			DEMOLITION LINE TYPE



1 E2.0 Electrical One-Line Diagram
NOT TO SCALE

KEYNOTES

S13 GENERATOR IS BEING RELOCATED FROM AN EXISTING SCHOOL. GENERATOR IS FURNISHED BY THE OWNER AND TO BE INSTALLED BY THE CONTRACTOR. EXISTING GENERATOR IS A 35DGBB DIESEL GENERATOR. EXISTING GENERATOR WAS PREVIOUSLY A 480V 3P CONFIGURATION. CONTRACTOR MUST CONTACT CUMMINS REP TO INCLUDE THEIR GENERATOR TECHNICIAN SERVICES TO RESTRAP THE ALTERNATOR, REPROGRAM INTERNAL CONTROLS, AND REPLACE ALTERNATOR LEADS AS WELL AS INCLUDING STARTUP AND COMMISSIONING SERVICES. CONTRACTOR TO PROVIDE A NEW 100A 208V 3P BREAKER WITHIN THE GENERATOR.

S19 PROVIDE A NEW WESTINGHOUSE HFB3100 100A 208V 3P BREAKER WITHIN EXISTING WESTINGHOUSE POR-R-LINE SWITCHBOARD FOR EMERGENCY PANELBOARD 'EL1'. PROVIDE A NEW WESTINGHOUSE KB3200F 200A 208V 3P BREAKER WITHIN EXISTING WESTINGHOUSE SWITCHBOARD FOR NEW TENNIS COURT PANELBOARD. CONTRACTOR SHALL FIELD VERIFY BREAKER FRAME REQUIREMENTS WITH EXISTING GEAR PRIOR TO ORDERING.

S20 FEEDER UPSIZED FOR VOLTAGE DROP. PROVIDE ALL REQUIRED LUG ADAPTERS, PIN REDUCERS, POLARIS LUG KITS, ETC. AS REQUIRED. PROVIDE NEC SIZED JUNCTION BOX AHEAD OF PANELBOARD/GEAR AS NEEDED TO LOCATED AND TERMINATE CONDUCTORS ON POLARIS LUG ADAPTERS (<10' FROM FINAL TERMINATION AT PANELBOARD). SIZE DOWN TO CONDUCTORS THAT FIT THE AVAILABLE LUGS AND/OR BREAKERS.

ALUMINUM CONDUCTOR & CONDUIT SCHEDULE

TYPE	MAX. O.C. PROT.	COND. AMPS	SETS	CONDUCTOR QUAN.	CONDUCTOR SIZE	CONDUIT SIZE	EQ. GND. COND.(AL)
100-5	100	96	1	5*	1/0	2"	4
125-3	125	120	1	3	1/0	2"	4
125-4	125	120	1	4	1/0	2"	4
125-5	125	124	1	5*	3/0	3"	4
150-3	150	135	1	3	2/0	2"	4
150-4	150	135	1	4	2/0	2"	4
150-5	150	144	1	5*	4/0	3"	2
175-3	175	155	1	3	3/0	2"	4
175-4	175	155	1	4	3/0	2"	4
175-5	175	164	1	5*	250	3"	2
200-3	200	180	1	3	4/0	2"	4
200-4	200	180	1	4	4/0	3"	4
200-5	200	184	1	5*	300	3"	2
225-3	225	205	1	3	250	2"	2
225-4	225	205	1	4	250	3"	2
225-5	225	216	1	5*	400	3"	2
250-3	250	230	1	3	300	3"	2
250-4	250	230	1	4	300	3"	2
250-5	250	248	1	5*	500	4"	1
300-3	300	270	1	3	400	3"	2
300-4	300	270	1	4	400	3"	2
300-5	300	270	1	5*	600	4"	2
350-3	350	310	1	3	500	4"	1
350-4	350	310	1	4	500	4"	1
350-5	350	308	1	5*	750	4"	1
400-3	400	410	2	3	250	2-1/2"	2/0
400-4	400	410	2	4	250	2-1/2"	2/0
400-5	400	400	2	5*	350	3"	2/0
600-3	600	620	2	3	500	3"	2/0
600-4	600	620	2	4	500	3"	2/0
600-5	600	600	3	5*	350	3"	2/0
800-3	800	810	3	3	400	2-1/2"	3/0
800-4	800	810	3	4	400	3"	3/0
800-5	800	800	4	5*	350	4"	3/0
1000-3	1000	1155	3	3	750	4"	4/0
1000-4	1000	1155	3	4	750	4"	4/0
1000-5	1000	1000	5	5*	350	4"	4/0
1200-3	1200	1240	4	3	500	4"	250
1200-4	1200	1240	4	4	500	4"	250
1200-5	1200	1240	5	5*	500	4"	250
1600-3	1600	1620	6	3	400	4"	350
1600-4	1600	1620	6	4	400	4"	350
1600-5	1600	1736	7	5*	500	4"	350
2000-4	2000	2310	6	4	750	4"	400
2500-4	2500	2695	7	4	750	5"	600
3000-4	3000	3080	8	4	750	5"	600
4000-4	4000	4235	11	4	750	5"	750

NOTES:
IN PARALLEL RUNS SIZE GND. COND. IN ACCORDANCE WITH NEC PARA. 250-122.

GND. CONDUCTOR MAY BE DELETED ON SERVICE ENTRANCE CONDUCTORS

* 200% NEUTRAL, DERATED TO 80% BASED ON NEC 310.15.B(5)(C)

** COPPER CONDUCTOR (XHHW)

PROVIDE COMPACT STRANDED ALUMINUM ASSOCIATION 8000 SERIES ALLOY CONDUCTORS.

PROVIDE TERMINATION FOR ALUMINUM ALLOY CONDUCTORS OF HYDRAULIC COMPRESSION TYPE ONLY, LISTED UNDER UL 486-B, MARKED "AL7CU" FOR 75 DEGREE RATED CIRCUITS.

PROVIDE ALL ELECTRICAL EQUIPMENT WITH PROPER SIZING TO ACCOMMODATE ALUMINUM CONDUCTORS. COORDINATE WITH EQUIPMENT SUPPLIER.

COPPER CONDUCTOR & CONDUIT SCHEDULE

TYPE	MAX. O.C. PROT.	COND. AMPS	SETS	CONDUCTOR QUAN.	CONDUCTOR SIZE	CONDUIT SIZE	EQ. GND. COND.(CU)
30-2	30	30	1	2	10	3/4"	10
30-3	30	30	1	3	10	3/4"	10
30-4	30	30	1	4	10	3/4"	10
40-2	40	40	1	2	8	1"	10
40-3	40	40	1	3	8	1"	10
40-4	40	40	1	4	8	1"	10
60-2	60	55	1	2	6	1"	8
60-3	60	55	1	3	6	1"	8
60-4	60	55	1	4	6	1"	8
70-2	70	70	1	2	4	1"	8
70-3	70	70	1	3	4	1-1/4"	8
70-4	70	70	1	4	4	1-1/4"	8
90-2	90	85	1	2	3	1-1/4"	8
90-3	90	85	1	3	3	1-1/4"	8
90-4	90	85	1	4	3	1-1/2"	8
100-3	100	95	1	3	2	1-1/2"	6
100-4	100	95	1	4	2	1-1/2"	6

RESOLUT

Project #: YY####

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REVISIONS:

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745 W. PIRATE AVE.

DRAWN BY: RESOLUT
CHECKED BY: RESOLUT
DATE: MAR. 2026
PROJECT #: 251110

E2.0