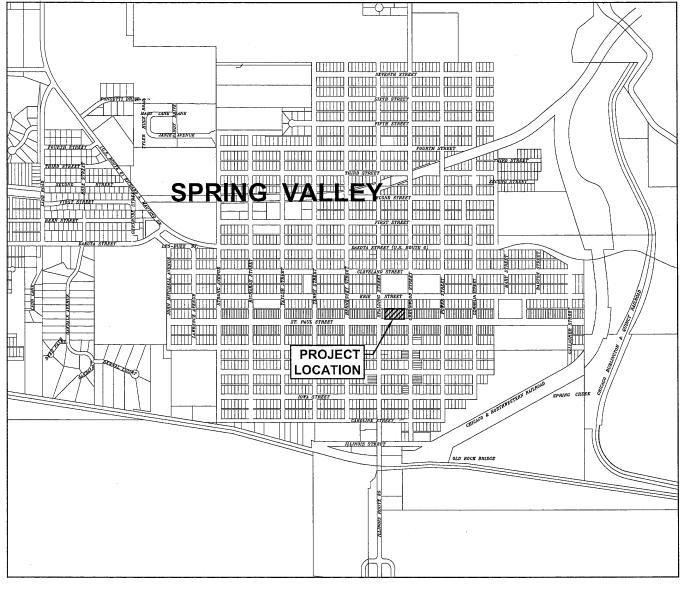
CITY OF SPRING VALLEY PROPOSED MINI PARK **RESTROOM / CONCESSION BUILDING** OCTOBER, 2024

INDEX OF SHEETS

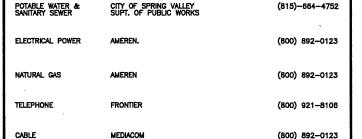
PAGE NO.	DESCRIPTION
C-1	COVER SHEET
A-1	BUILDING LAYOUT PLAN & DETAILS
A-2	TYPICAL BUILDING SECTION AND MISCELLANEOUS DETAILS
A-3	EXTERIOR ELEVATIONS AND ALTERNATE ROOF PLAN
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E-1	ELECTRICAL PLAN

APPLICABLE BUILDING CODE:

- INTERNATIONAL BUILDING CODE, 2018
- ILLINOIS STATE PLUMBING CODE, 2014
- ILLINOIS ACCESSIBILITY CODE, 2018
- AMERICANS WITH DISABILITIES ACT (ADA), 2010
- NATIONAL ELECTRIC CODE, LATEST ADDITION
- OTHER REGULATIONS MAY ALSO BE APPLICABLE







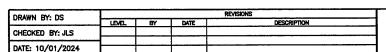
CONTACT



TELEPHONE NO.



PERU MORRIS OTTAWA MENDOTA ILLINOIS





CITY OFFICIALS

MAYOR

MELANIE MALOOLEY THOMPSON

CLERK:

BECKY HANSEN

ATTORNEY:

ANDREW EBENER

ALDERMEN:

MIKE HERMANN CJ VANSCHAICK CHRIS AFFELT JEFF CHIAVENTONE DEB BALTIKAUSKI GREG CAMPBELL KEN BOGACZ DAVE PELLEGRINI

SURVEYOR / ENGINEER:

BID SET

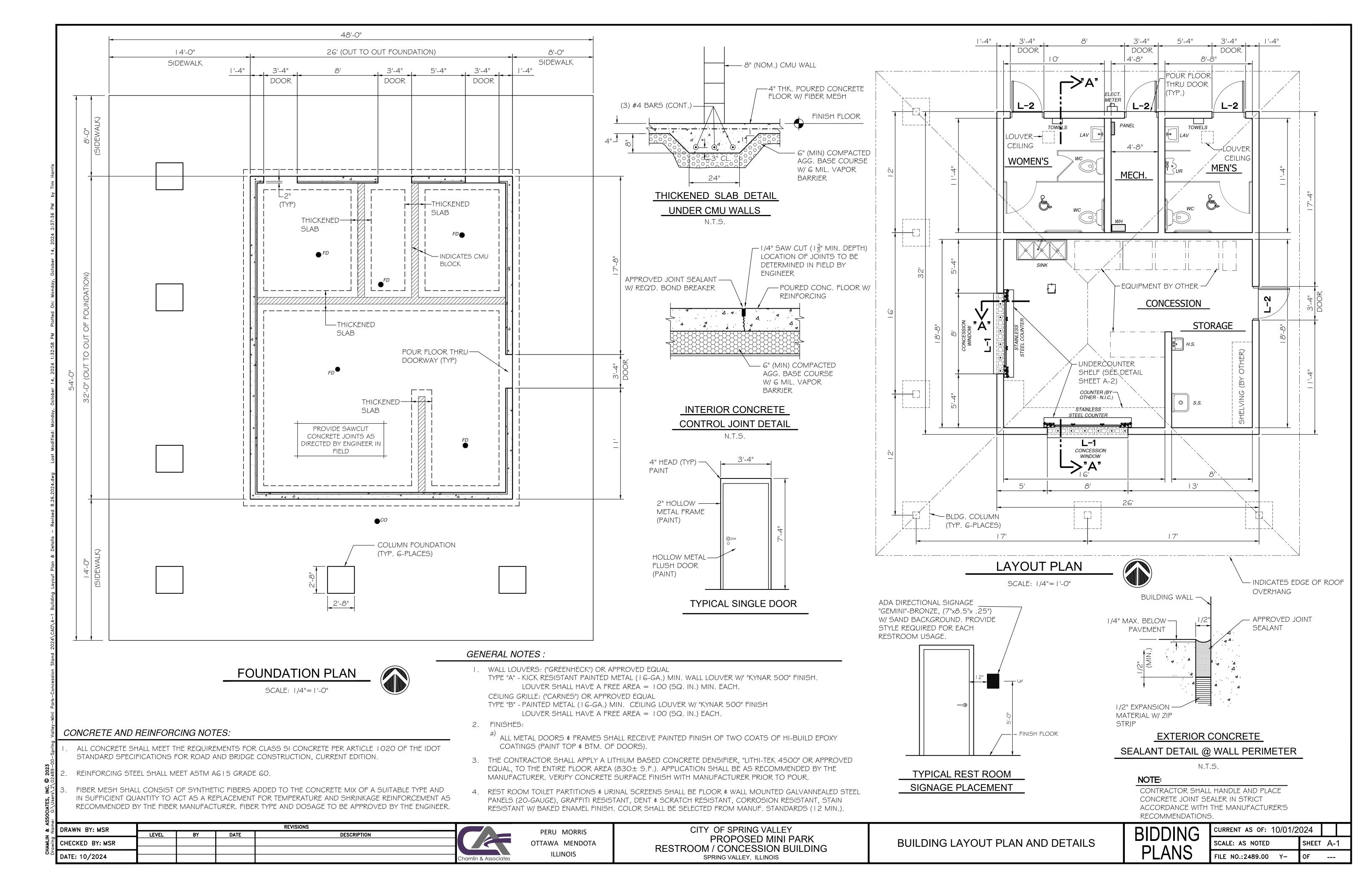
CHAMLIN & ASSOCIATES, INC. 4152 PROGRESS PARK BLVD. PERU, IL. 61354 PHONE: (815) 223-3344 FAX: (815) 223-3348

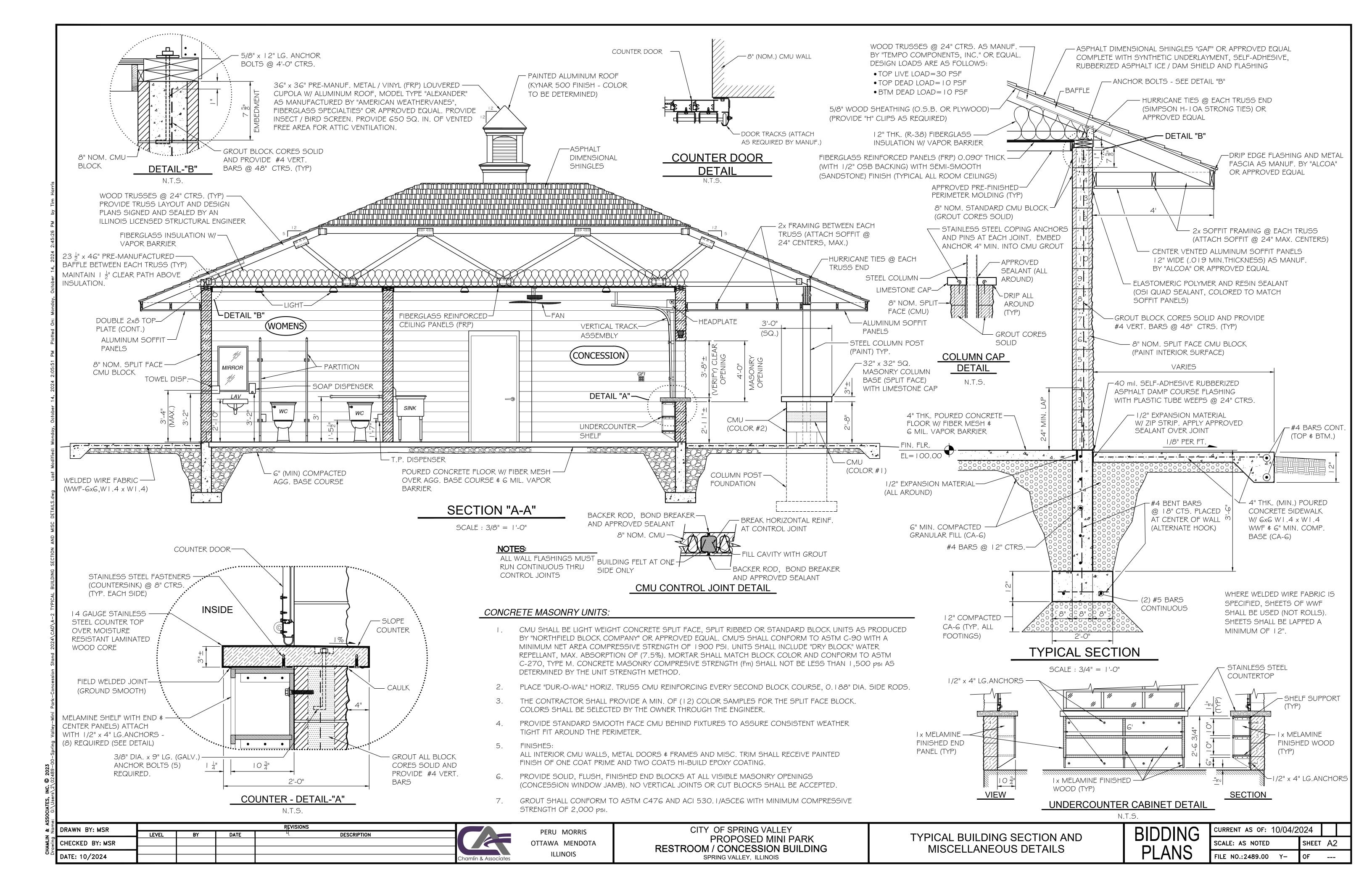


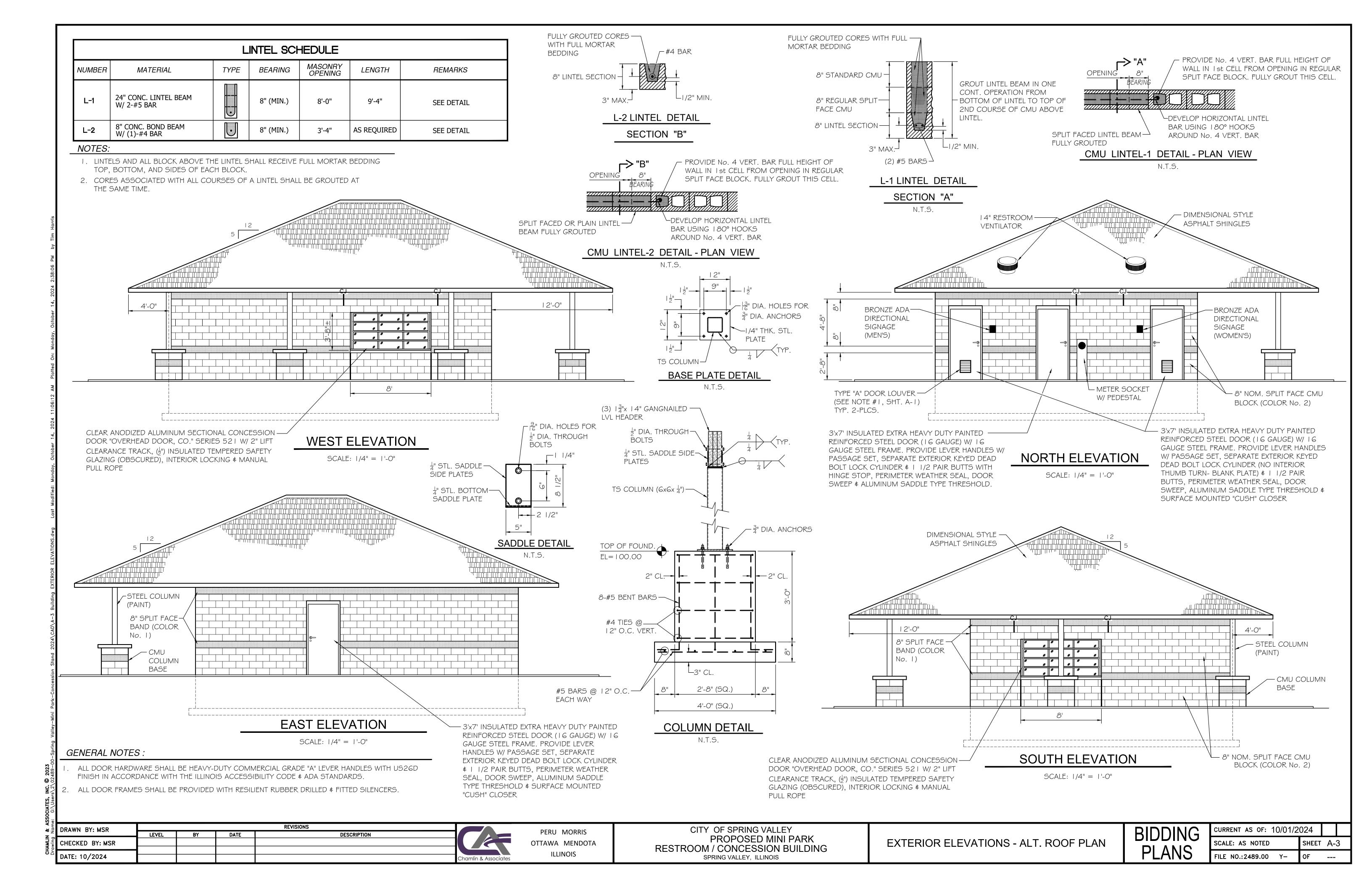
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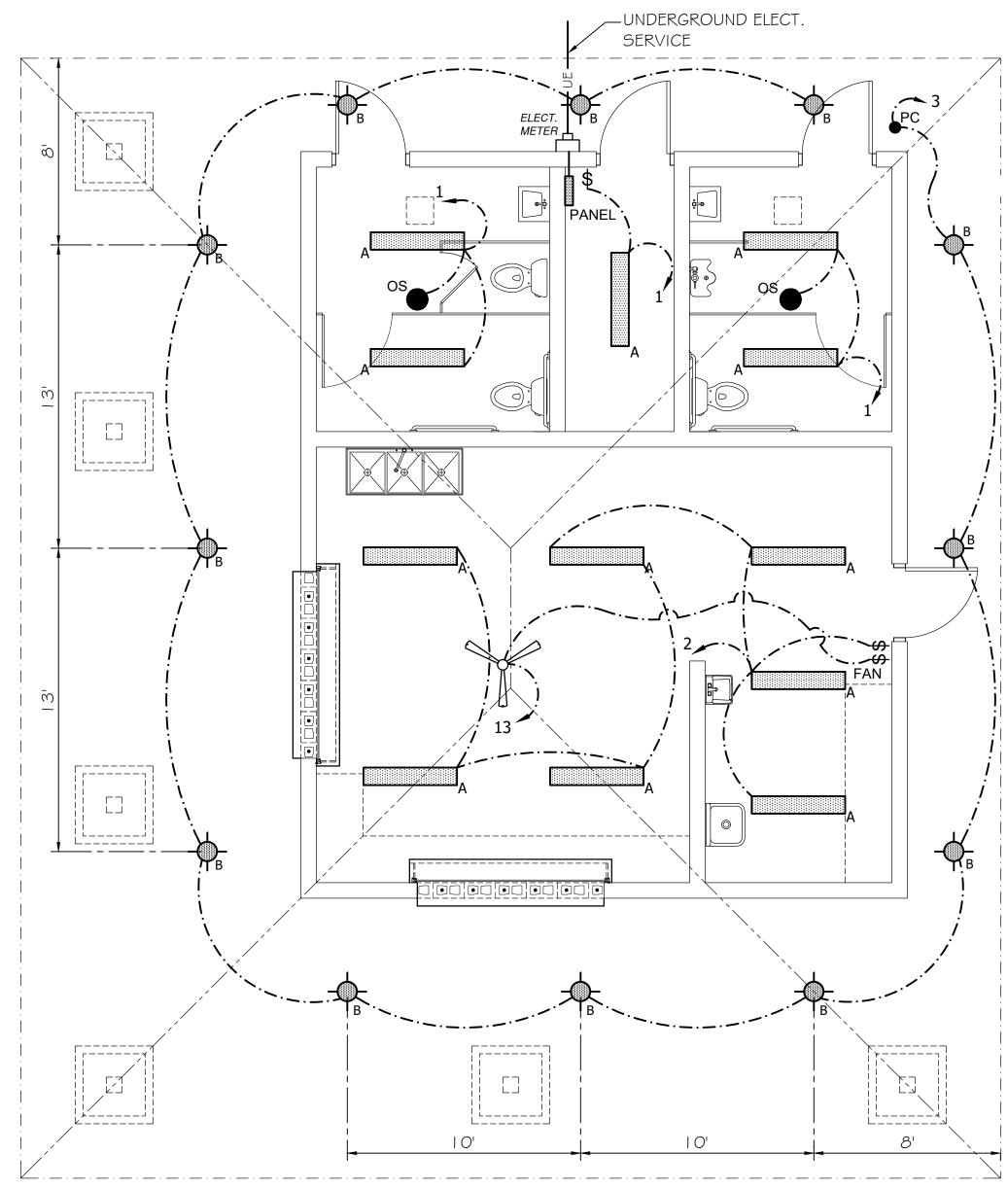
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UTILITY SERVICE









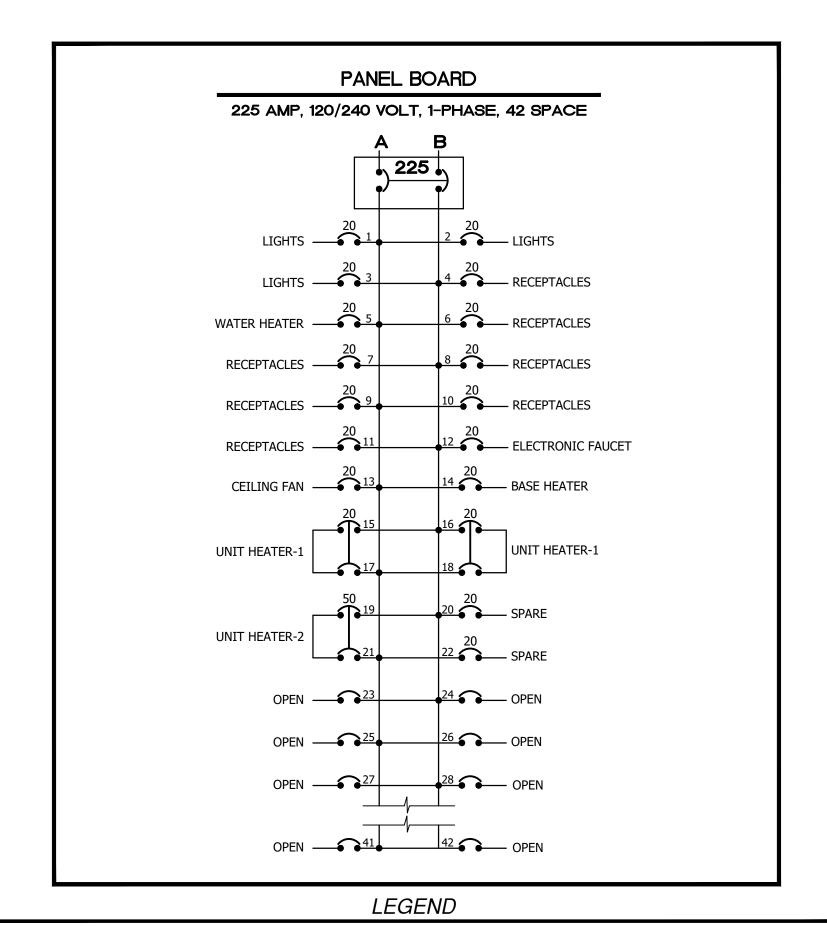


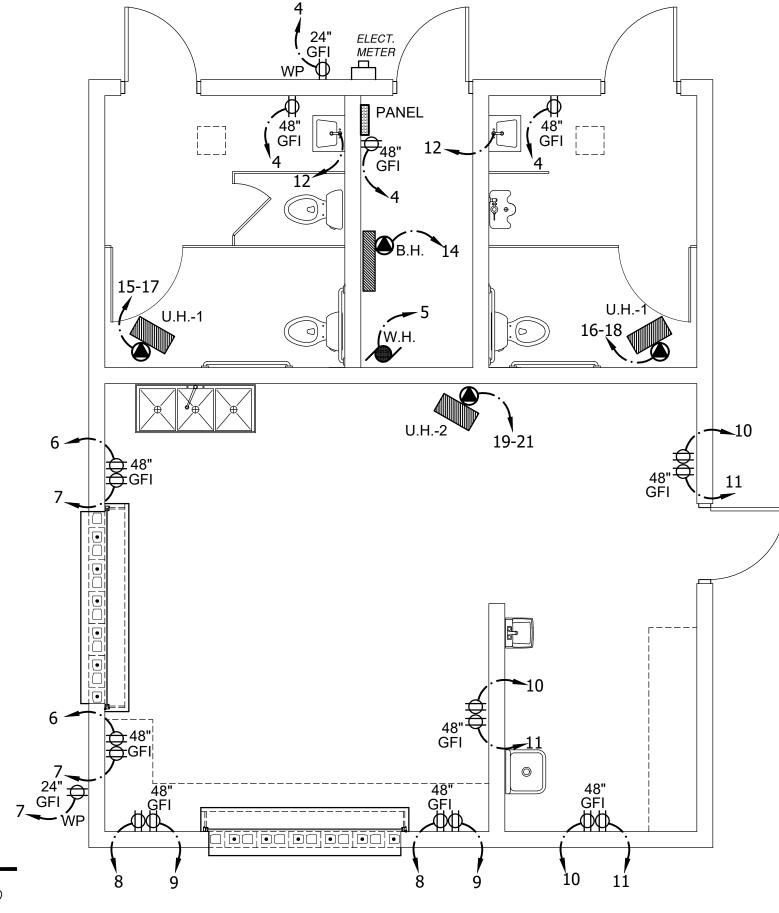
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ELECTRICAL NOTES

- I. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND REPRESENT A COMPLETE PROJECT. MODIFICATIONS TO THE WORK SHALL BE PROVIDED BY THIS CONTRACTOR TO COMPLY WITH PROJECT REQUIREMENTS. LOCATIONS OF EQUIPMENT SHOW A GENERAL ARRANGEMENT AND INTENDED FUNCTION. BEFORE INSTALLING EQUIPMENT, CHECK DOOR OPERATIONS AND ALL REQUIRED CLEARANCES TO AVOID INTERFERENCE WITH OTHER TRADES.
- 2. INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND CONDITIONS FOR WARRANTIES AND GUARANTIES. PROVIDE ALL ACCESSORIES REQUIRED FOR A COMPLETE AND SATISFACTORY INSTALLATION.
- 3. COMPLY WITH LOCAL AND APPLICABLE CODES. IN THE EVENT OF A CONFLICT, THE MOST STRINGENT SHALL GOVERN. SHOULD A CONFLICT ARISE BETWEEN CONSTRUCTION DOCUMENTS AND APPLICABLE CODES, WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE ENFORCING CODE AUTHORITIES.
- 4. ALL WIRING SHALL BE # 1 2 THWN / THNN IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.
- 5. PROVIDE POWER SUPPLY TO WATER HEATER AND PROVIDE ALL PARTS AND LABOR REQUIRED FOR PROPER EQUIPMENT INSTALLATION. PLUMBING CONTRACTOR SHALL PROVIDE WATER HEATER IN PLACE.
- 6. ALL RECEPTACLES ARE TO BE GROUND FAULT PROTECTED (GFI).
- 7. ELECTRICAL CONTRACTOR SHALL VERIFY REQUIRED LOADS FOR EACH CIRCUIT AND EVENLY BALANCE PANEL BUSS BARS ACCORDINGLY.





LED STRIP LIGHT FIXTURE-"LITHONIA" OR APPROVED EQUAL, DMW2 L24 4000LM PFL WD MVOLT GZI 40K 80CRI

LED DOWNLIGHT-"LITHONIA" OR APPROVED EQUAL, LBRG ALO I SWW I MS MWD 80CRI MVOLT UGZ/LBR6PFW WITH ADJUSTABLE OUTPUT AND CCT WITH 1000L/4000K, WET LOCATION (NEW CONST.). PROVIDE MOUNTING HARDWARE FOR SOFFIT INSTALLATION AND PHOTO CONTROL.



OCCUPANCY SENSOR - "ACUITY CONTROLS, SENSOR SWITCH" MODEL CM PDT 9. (DAMP LISTED)

PANELBOARD - "SQUARE D" "NQ", TYPE 2, 200 AMP, 3-WIRE, 1-PHASE, 42 SPACE DISTRIBUTION PANEL W/ MAIN BREAKER (PROVIDE REQUIRED EQUIPMENT BREAKERS AS SHOWN ON THE PLANS)

TANKLESS WATER HEATER - PROVIDE I 20V POWER AS REQUIRED WATER HEATER

20 AMP DUPLEX RECEPTACLE (48" A.F.F.)

20 AMP DUPLEX RECEPTACLE (24" A.F.F.)

20 AMP DUPLEX RECEPTACLE (GROUND FAULT INTERRUPTER)

WEATHER PROOF OUTLET WITH GFI PROTECTION

SINGLE POLE SWITCH (48" A.F.F.)

INDICATES ELECTRICAL CIRCUIT



CEILING FAN - 42" HEAVY DUTY COMMERCIAL 3-BLADE, DIRECT DRIVE, WHITE. CONTROL WITH (I) SPEED CONTROLLER. CONTROLLER & FAN TO BE PROVIDED & INSTALLED BY THE ELECTRICAL CONTRACTOR. PROVIDE REQUIRED DOWNROD.

PHOTO CONTROL - INSTALL IN BUILDING SOFFIT OR APPROVED LOCATION TO CONTROL ENTRY RECESSED LIGHT FIXTURES.

FLOOR BASE HEATER - "QMARK" 25426W, 1800 BTUH, 500 W, 240 V, I-PHASE, 30" LG. WHITE W/ INTEGRAL ADJUSTABLE THERMOSTAT.

UNIT HEATER - "QMARK" MUHO32 I, (OR APPROVED EQUAL), 3kw, 240 V, I-PHASE, W/

UNIT HEATER - "QMARK" MUHO72, (OR APPROVED EQUAL), 7.5kw, 240 V, I-PHASE, W/ ELECTRICAL POWER PLAN



REVISIONS DRAWN BY: MSR LEVEL BY DATE DESCRIPTION CHECKED BY: MSR DATE: 7-2024



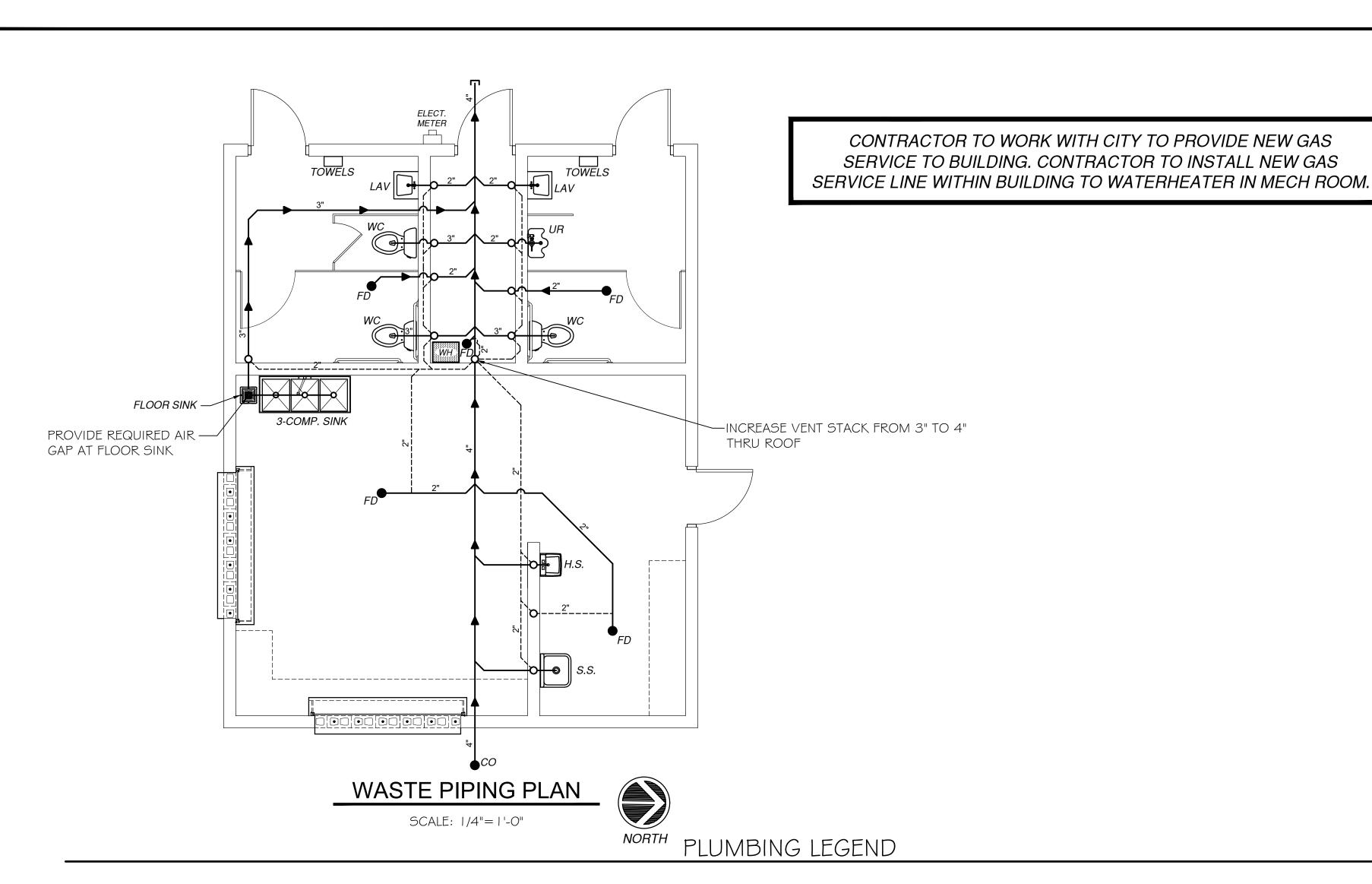
PERU MORRIS OTTAWA MENDOTA ILLINOIS

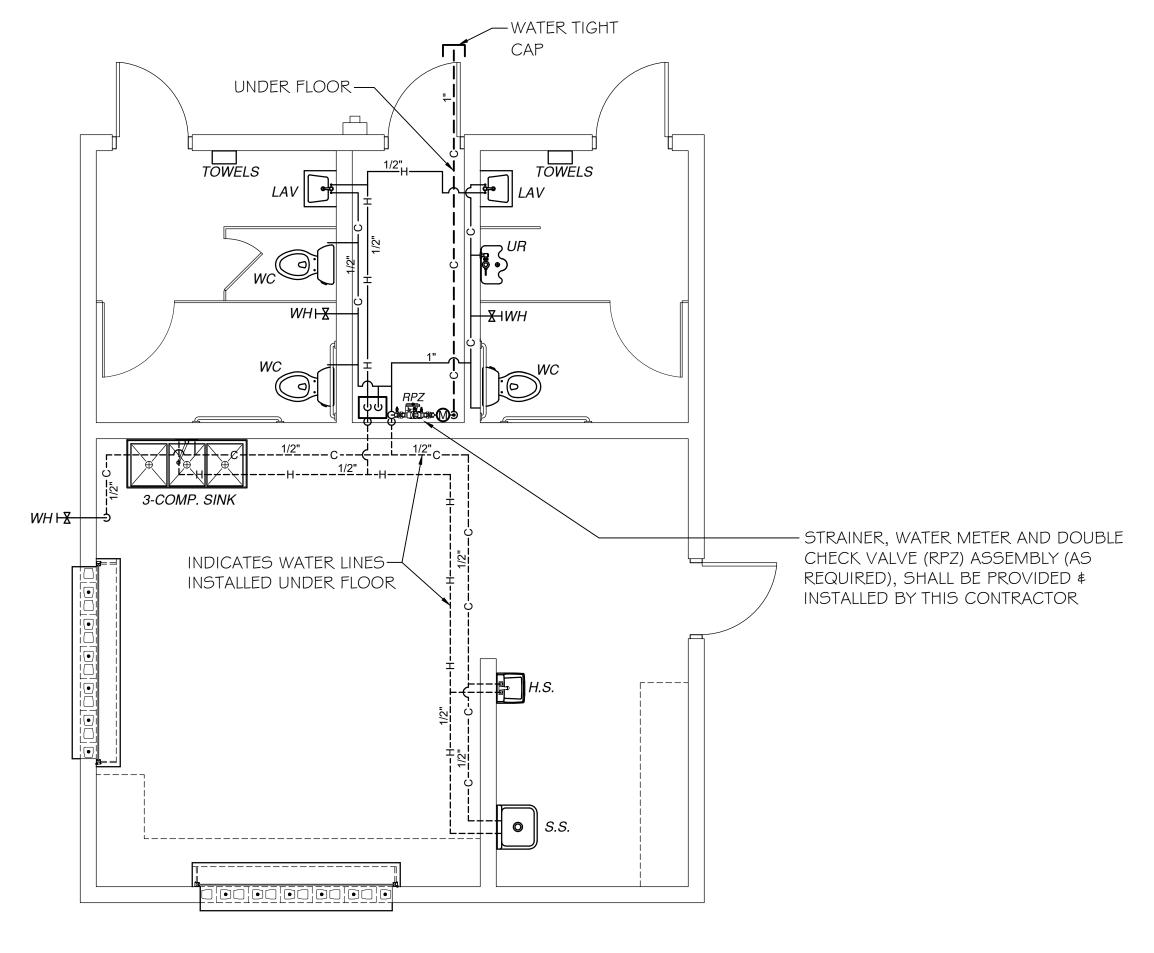
CITY OF SPRING VALLEY PROPOSED MINI PARK **RESTROOM / CONCESSION BUILDING** SPRING VALLEY, ILLINOIS

ELECTRICAL PLAN

BID SET

CURRENT AS OF: 10/04/2024 SHEET E-1 SCALE: AS NOTED FILE NO.:2489.00 Y-OF ---







ELONGATED BOWL, 12" ROUGH-IN, 16 1/2" RIM HEIGHT, 1.6 GPF, W/ OPEN FRONT SEAT (VERIFY LEVER SIDE). TANK TOP SHALL BE LOCKABLE.

LAVATORY - "AMERICAN STANDARD" "LUCERNE" (BARRIER FREE), WHITE VITREOUS CHINA WALL HUNG W/ CARRIER, OFFSET DRAIN, ANGLE SUPPLIES WITH STOPS AND "CHICAGO FAUCET" "THE HYTRONIC" ELECTRONIC FAUCET-#116.101.AB.1,, DECK MOUNT W/ INFRARED DUAL BEAM SENSOR. PROVIDE APPROVED INSULATED COVERS ON ALL EXPOSED PIPES.

HAND WASH SINK - "AMERICAN STANDARD" "COMRADE" 0124.024, WHITE VITREOUS CHINA WALL HUNG W/ CARRIER, DRAIN, ANGLE SUPPLIES WITH STOPS AND "MONTERREY" 5500. 175 TWO HANDLE FAUCET.

URINAL - "AMERICAN STANDARD" "WASHBROOK" ULTRA HIGH EFFICIENT, 3/4" INLET TOP SPUD, 0.125 TO 1.0 apf FLUSH W/ 3/4" FLUSH VALVE.

SERVICE SINK "AMERICAN STANDARD" OR APPROVED EQUAL MODEL 7692.008 "LAKEWELL" W/ 3" TRAP STAND, STAINLESS STEEL RIM GUARDS AND ENAMELED TRAP WITH STRAINER. PROVIDE WALL HANGER AND "AMERICAN STANDARD" NO. 8354. I 12 (8") FAUCET WITH CAST BRASS SPOUT WITH BUCKET HOOK, WALL BRACE AND ROUGH CHROME FINISH.

3-COMPARTMENT

"REGENCY" - THREE-COMPARTMENT SINK 60" L. x 22 $\frac{1}{2}$ " W. x 44 $\frac{3}{4}$ " H., (3) 17"x 17"x 12" BOWLS, 16 GAUGE TYPE 304 STAINLESS STEEL, (10 3") BACKSPLASH, ROLLED EDGES, REMOVABLE DRAIN BASKETS. PROVIDE REGENCY (OR APPROVED EQUAL) 10" SWING SPOUT, CHROME PLATED BRASS FAUCET.

FLOOR SINK

"WADE" 8" SQUARE TOP, CAST IRON FLOOR SINK OR APPROVED EQUAL WITH ALUMINUM INTEGRAL DOME STRAINER AND CAST IRON GRATE WITH 4" ROUND FUNNEL.

WALL HYDRANT-"ZURN" - Z I 333-C STAINLESS FACE W/ ANGLED NOZZLE, NON-FREEZE, AUTOMATIC DRAINING AND ANTI-SIPHON.



HOT WATER SUPPLY

VENT PIPE

WASTE PIPE

PERU MORRIS

OTTAWA MENDOTA

ILLINOIS

HINGED AT BOTTOM AND REFILL INDICATOR.

GRAB BARS

I 1/4" DIA., HEAVY DUTY 304 STAINLESS STEEL, CONCEALED MOUNTED AND STANDARD SATIN FINISH, LENGTH OF GRAB BARS SHALL BE 36" BEHIND W.C. AND 42" ON THE SIDE WALL BY THE WATER CLOSET.

MIRROR

"BOBRICK" MODEL #B-5288 SURFACE MOUNTED, MULTI-ROLLED, HIGH-IMPACT ABS W/ CONCEALED MOUNTING AND LOCKING SECURE DOOR. I PER WATER CLOSET STALL (LOCATE IN THE FIELD)

"BOBRICK" MODEL #B-165 24"x 36", 304 STAINLESS STEEL, SATIN FINISH W/ CONCEALED MOUNTING BRACKET.

SOAP DISPENSER

TOILET PAPER

DISPENSER

"BOBRICK" MODEL #B-5050 SURFACE MOUNTED, HIGH-IMPACT ABS W/ PUSH BUTTON AND SPOUT AND LOCKING SECURE LID. I PER RESTROOM (LOCATE IN THE FIELD)

WASTE RECEPTACLE

TOWEL DISPENSER

"BOBRICK" MODEL #B-275 SURFACE MOUNTED, STAINLESS STEEL 22 GAUGE SATIN FINISH W/ VINYL LINER (20 GALLON CAPACITY. I PER RESTROOM (LOCATE IN THE FIELD)

"BOBRICK" SURFACE MOUNTED, 304 22 GAUGE STAINLESS STEEL. SATIN FINISH W/ TUMBLER LOCK.

WH TANKLESS W.H.

"NAVIEN" NPE-2 I OA2 (OR APPROVED EQUAL) HIGH EFFICIENCY, WALL HUNG, GAS WATER HEATER. PROVIDE INTAKE / EXHAUST VENT PIPING AND ISOLATION VALVES. ELECTRIC CONTRACTOR TO PROVIDE POWER TO UNIT.

CAST IRON FLOOR DRAIN WITH BRONZE TOP AND INTEGRAL CLEANOUT (VERIFY LOCATION IN FIELD).

lacktriangle FD

CAST IRON CLEAN-OUT BODY W/ CAST BRONZE TOP SECURED TO CASTING W/ SCREWS (VERIFY LOCATION IN FIELD WITH ENGINEER)

MOUNT AS REQUIRED BY THE ILLINOIS ACCESSIBILITY CODE. (TYP @ EACH LAVATORY)

PLUMBING NOTES

- I. CONTRACTOR SHALL PROVIDE ALL HOT & COLD WATER SUPPLY PIPING TO FIXTURES SHOWN. PIPING SHALL BE CONCEALED WITHIN WALLS IN REST ROOM. PIPING SHALL BE COPPER TUBING TYPE "L" (USE TYPE "K") UNDER CONCRETE SLABS). ALL PIPING ROUTING SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT.
- 2. CONTRACTOR SHALL PROVIDE SEWER \$ WATER TO A POINT BEYOND PERIMETER OF SIDEWALK. VERIFY DEPTH AND LOCATIONS W/ THE CITY.
- 3. FURNISH AND INSTALL INDICATED PLUMBING FIXTURES COMPLETE WITH FAUCETS, STOP VALVES AND TRAPS.
- 4. PROVIDE VALVES AT ALL FIXTURES AND BRANCH PIPING AS REQUIRED TO ACCOMPLISH INDIVIDUAL FIXTURE ISOLATION THROUGH OUT.
- 5. PLUMBING SHALL COMPLY WITH THE MOST RECENT ILLINOIS STATE PLUMBING CODE.
- 6. ALL FIXTURES AND HARDWARE SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE ILLINOIS ACCESSIBILITY CODE AND A.D.A.
- 7. ALL WASTE & VENT PIPING SHALL BE INSTALLED AT (1/8") PER FT. SLOPE. VENT STACKS SHALL INCREASE TO (3") THRU ROOF \$ BE CONCEALED IN WALLS WHERE FEASIBLE OR AS APPROVED OTHERWISE. PROVIDE REQUIRED AND APPROVED ROOF VENT FLASHINGS FOR EACH VENT STACK PENETRATION.
- 8. PROVIDE PIPE SAFETY COVERS FOR SUPPLY \$ WASTE PIPING AS REQUIRED BY THE ILLINOIS STATE PLUMBING CODE. COVERS SHALL BE MANUF. BY "PLUMBEREX SPECIALTY PRODUCTS, INC." OR APPROVED EQUAL.
- 9. PROVIDE REQUIRED MIXING VALVE, RELIEF VALVE DISCHARGE PIPE AND THERMAL EXPANSION TANK FOR THE NEW WATER HEATER.
- 10. COORDINATE VALVING IN MECH ROOM WITH CITY FOR METHOD OF WINTERIZING FACILITY.
- I I. DO NOT RUN WATER LINES IN ATTIC SPACE, IN EXTERIOR WALLS OR ON FINISH WALLS (OTHER THAN MECH. ROOM WALLS).

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CITY OF SPRING VALLEY PROPOSED MINI PARK RESTROOM / CONCESSION BUILDING SPRING VALLEY, ILLINOIS

PLUMBING PLAN

BID SET

CURRENT AS OF: 7.29.2024 SHEET P-1 SCALE: AS NOTED OF ---FILE NO.:2489.00 Y-