

Job Name: 25-4520 - City Park Improvments

Job Location: Lathrop, MO

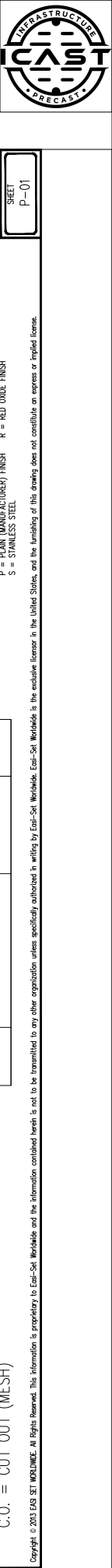
Contractor: Sands Construction Company

Plant: Beaver Dam

9/17/2026 7:53:08 AM

Tech: J. Coppage

PC: E. Bradley



Structure ID: Assembly - Assembly Information

P1 PSASSEMBLY

ASSEMBLY REQUIRED - - 0"

6119 Callett Rd. • Midland, VA 22728 • info@Easi-Set.com

www.Easi-Set.com • 800-547-4045 • Fax 540-439-2541

WORLDWIDE

EASI-SET

WORLDWIDE

DATE

DESCRIPTION

REV

INL

PROJECT: 10' x 26' x 9'-11"

CITY PARK IMPROVEMENTS-PHASE II

CITY OF LATHROP, MISSOURI

CONTRACTOR: VEENSTRA & KIMM INC.

COVERSHEET

SCALE: NTS

DRAWN BY: FTL

CHECK BY: MCK

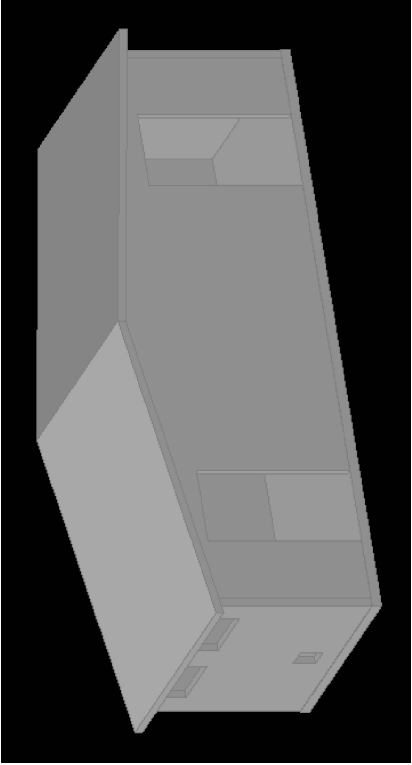
ISSUE DATE: 07/15/26

SHEET: P-01

PREPARED FOR:



PRODUCTION DRAWINGS



10' x 26' x 9'-11"

EASI-SET RESTROOM BUILDING

CITY PARK IMPROVEMENTS-PHASE II

CITY OF LATHROP, MISSOURI

CUSTOMER: VEENSTRA & KIMM INC.

PROJECT: CITY PARK IMPROVEMENTS-PHASE II

PRODUCER: ICAST

GENERAL NOTES:

1. THE DOCUMENTS CONTAINED IN THIS PACKAGE ARE TO BE USED BY THE LICENSED PRODUCER FOR PRODUCTION ONLY AND NOT INTENDED TO BE SUBMITTED FOR APPROVAL BY THE CLIENT UNLESS SPECIAL CIRCUMSTANCES DICTATE.

2. EACH LICENSED PRODUCER HAS AN OBLIGATION TO PROTECT THE MEANS AND METHODS CONTAINED HEREIN BY NOT MAKING THESE DETAILS AVAILABLE TO CLIENTS UNLESS APPROVED BY EASI-SET.

3. THIS PACKAGE CONTAINS INFORMATION THAT IS PRIVILEGED AND CONFIDENTIAL AND IS NOT INTENDED TO REPLACE THE "DUE DILIGENCE" REQUIRED OF THE LICENSED CONTRACT HOLDER.

4. REINFORCEMENT SUBSTITUTION IS PERMITTED AT THE PRODUCERS DISCRETION PROVIDED EQUIVALENT STEEL IS MAINTAINED.

5. REINFORCEMENT CLEARANCES SHOWN ARE FOR HORIZONTAL LAP, MOUNTAIN STONE AND CEDAR SHAKE FINISHES. OTHER FINISHES MAY REQUIRE DIFFERENT CLEARANCES.

6. THE SHOP TICKETS PROVIDED SHOW THE EXTERIOR FINISH CAST FACE DOWN.

7. TO ENSURE SQUARENESS, CHECK DIAGONALS.

8. THERE ARE NO IMPLIED WARRANTIES OR GUARANTEES.

LEGEND

 DENOTES SECTION/DETAIL NO.

ABBREVIATIONS:

CLR = CLEAR

P.D. = PANEL DIMENSION

R.O. = ROUGH OPENING

TYP. = TYPICAL

B.I.F. = BOTTOM IN FORM

T.I.F. = TOP IN FORM

S.I.F. = SIDE IN FORM

C.O. = CUT OUT (MESH)

PRODUCTION DRAWING INDEX

DWG	SHEET TITLE	REVISION NO.	DATE
P-01	COVERSHEET		07/15/26
P-02	STRESSING PROCEDURES		07/15/26
P-03	SHIPPING/HANDLING GUIDE		07/15/26
FP-01	FLOOR SLAB TICKET		07/15/26
WP-01	FRONT WALL TICKET		07/15/26
WP-02	BACK WALL TICKET		07/15/26
WP-03	RIGHT WALL TICKET		07/15/26
WP-05	INTERIOR WALL TICKET		07/15/26
WP-06	INTERIOR WALL TICKET		07/15/26
RP-01	ROOF SLAB TICKET		07/15/26
RP-02	ROOF SLAB TICKET		07/15/26

BILL OF MATERIALS-MASTER LIST

MARK NO.	DESCRIPTION	QTY
P101G	2"Ø x 12" F-63 COIL INSERT (GALV)	8
P103G	2-TON TECH ERECTION ANCHOR	16
P104P	U-5 POST TENSION ANCHOR	6
P107G	4-TON ERECTION ANCHOR	8
P9001P	3'-0"x6'-8" SNGL DOOR 4" FRAME	1
P9002P	3'-0"x6'-8" SNGL DOOR 4" FRAME	1
P9003P	2'-8"x6'-8" SNGL DOOR 4" FRAME	1
P102G	ESW P-4 LIFTING ANGLE (GALV)	8
P108G	4-TON PLATE ANCHOR	8
P201G	4"x4"x8" W/(2) 3/8"Ø x 1 1/2" H.A.S.	72
P202G	4"x4"x8" W/(2) 3/8"Ø x 1 1/2" H.A.S.	6
P203G	4"x4"x8" W/(2) 3/8"Ø x 1 1/2" H.A.S.	6
P108P	2-TON PLATE ANCHOR	8
P151	1" NC THREADED INSERT	32

L = ELECTROPLATED FINISH

P = PLAIN (MANUFACTURER) FINISH

S = STAINLESS STEEL

G = GALVANIZED FINISH

R = RED OXIDE FINISH

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P1 PSASSEMBLY ASSEMBLY REQUIRED - - 0"

ASSEMBLY REQUIRED - - 0"

STRESSING PROCEDURES For Roofs and Floors – Model 47334. 1. Remove form rails. Verify concrete strength with Schmidt Hammer or cylinder breaks. Concrete shall be a minimum of 3,750 PSI before cable can be stressed. 2. Remove recessed plastic pocket-formers at the post-tensioning anchor. 3. Remove the plastic sheath from the strand all the way from the base of the anchor to the end of the strand. Clean off grease from exposed portion of cable. Use a suitable solvent. Never heat or use flame on the cable. 4. Insure that the tapered holes in the anchors are cleaned and free of any debris or cement paste, which might interfere with proper wedge setting. 5. Install wedge sets around the strand at each anchor. Press the wedges in with the fingers evenly. Then, using a hand wedge setter, engage the wedges securely so that the stress will be evenly distributed over the wires of the strand. 6. Slide the stressing jack over the cable and place against the wedges installed in the cast-in anchors (see details A & B). 7. Using manufacturer recommendations, properly secure the stressing jack to the strand. 9. Standing back from the system, engage the jack to stress the strands until the pump pressure gauge corresponds to 33 K required tension on the ½" cable and note the elongation achieved. Whenever stressing, be sure to observe safety precautions and operator positioning in anticipation of unexpected failures. NOTE: Force in the tendons shall always be measured by gauge readings and verified by elongation. Compare the elongation noted during stressing to the theoretical (calculated) elongation to ensure proper pull (tension) is reached. Refer to industry manuals (PCI) for the proper methods of calculating elongation. 10. Release pump pressure slowly and remove the jacking system and temporary stressing anchor. Your post release tension on the cable will be 28.5 K. 11. Cut off strand tails at 1" from the wedge and pack the holes with permanent grout. Repeat procedure for other end of cable.	SAFETY INSTRUCTIONS: NOTE: Stressing units are calibrated against load cells to determine the gauge pressures for a particular unit which will produce the desired engineering force. Gauge pressure versus actual load calibration should be checked every six months against a load cell. Never use equipment which has not been tested in the last 6 months. The Quality Control Department has the responsibility to insure the stressing unit is calibrated semi-annually. Refer to manufacturer for calibration charts specifically relating to the particular unit (stressing jack). ROOF AND FLOOR POST-TENSIONING Stressing System Safety Instructions: This equipment is designed and built to provide safety during equipment operation. It must be operated and maintained by personnel who are trained in and follow safe procedures. Since the forces involved in tendon stressing are in the order of 33 to 46 kips, it is obvious that failure from any cause could be damaging to personnel and property. Accordingly, stressing equipment operators are expected to observe all applicable safety precautions including the following but not limited to: 1. Before activating the pump, visually check all elastomeric tubing for nicks, cracks, or other damage and repair or replace if required. 2. See that all tubing joints are tightly connected. 3. Be sure that pump is supported in a stable manner and positioned to avoid strain on connection lines. 4. Be sure that protective damage and appropriate safety barriers are erected to protect the operator and any others in the area. 5. Observe the gauge pressure that will develop the required tensile force as marked on the lag attached to the pump. Locate this reading on gauge face. 6. Be certain that tensioning twin-rams are positively engaged and correctly aligned. 7. Activate pump and observe gauge. If pressure does not build up promptly, check system for leakage and make sure that anchors and wedges on both ends of the POLYSTRAND® tendons are properly engaged. After an initial tension on the strand (5K), stop and check for alignment. Make sure that the strand is at the top of the slot provided in the tension jack cylinder connector plates. 8. Continue pumping until final pressure/force is attained. When stressing long tendons, multiple strokes and resetting the temporary anchor will be required. — CAUTION — pressure will build extremely fast if rams are fully extended. Monitor ram extension and gauge readings continuously. 9. When the correct force has been applied to the tendon, stop the pump motor and release the pressure on the pack by opening the hydraulic valve. 10. Use care in moving and storing equipment to insure that gauge and tubing are not damaged. 11. Observe site rules pertaining to frequency of gauge calibration.
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SHEET	P-02
ISSUE DATE	01/01/00
CHECK BY	NCS
DRAWN BY	JTL
SCALE	N/S
PROCESSING	

PROJECT: 10' x 26' x 9'-11"
 CITY PARK IMPROVEMENTS-PHASE I
 CONTRACTOR: VEENSTRA & KIM INC.,
 CITY OF LATHROP, MISSOURI

EAST-EAST-SET® WORLDWIDE
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 www.EasiSet.com • 800-547-4045 • Fax 540-439-2641

Plant: Beaver Dam
9/17/2026 7:53:08 AM

P1 PSASSEMBLY ASSEMBLY REQUIRED - - 0"

P1 PSASSEMBLY

EASI FAST-SET® WORLDWIDE

www.EasiSet.com • 800-547-4045 • Fax 540-439-2541
5119 Callett Rd. • Midland, VA 22728 • info@EasiSet.com

CONTRACTOR: VEENSTRA & KIMM INC.
CITY PARK IMPROVEMENTS-PHASE
PROJECT: 10' x 26' x 9'-11"

CITY OF LATHROP, MISSOURI

DATE	DESCRIPTION	INITIALS	REV.

SHIPPING AND HANDLING GUIDE

SCALE NTS

DRAWN BY FTL

CHECK BY

ISSUE DATE 07/15/28

SHEET P-03

BUILDING WEIGHT

PANEL	WEIGHT (LBS)	PANEL	WEIGHT (LBS)
FLOOR SLAB (FP-01)	15,890	ROOF SLAB (RP-01)	8,330
FRONT WALL (WP-01)	8,490	ROOF SLAB (RP-02)	8,330
BACK WALL (WP-02)	9,740		
RIGHT WALL (WP-03)	3,390	TOTAL NET BLDG:	65,710
LEFT WALL (WP-04)	3,390		
INTERIOR WALL (WP-05)	4,075		
INTERIOR WALL (WP-06)	4,075		

NOTES:

- THIS GUIDE IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT A SUBSTITUTE FOR CODE REQUIREMENTS AND ENGINEERING PRUDENCE.
- THIS GUIDE IS NOT TO BE MISCONSTRUED OR IMPLY ANY LIABILITIES OR WARRANTIES.
- MAINTAIN PROPER SLING ANGLES, RIGGING PRACTICES AND TECHNIQUES AS PER MANUFACTURERS RECOMMENDATIONS

NOTE: MAINTAIN PROPER SLING ANGLES AS PER MANUFACTURES RECOMMENDATIONS

OPTIONAL CABLE RIG

NOTE: MAINTAIN PROPER SLING ANGLES & TECHNIQUES AS PER MANUFACTURES RECOMMENDATIONS

LIFTING ANGLE—GENERAL SECTION
SCALE: 2" = 1'-0"