

DRAWING PACKAGE NUMBER: 106009C
60'X10'X9'-10" BASEBALL DUGOUT BUILDING
CHRISTIAN COUNTY PUBLIC SCHOOLS
5185 FORT CAMPBELL BOULEVARD
HOPKINSVILLE, KY 42240

CUSTOMER: CHRISTIAN COUNTY SCHOOLS

PROJECT: CHRISTIAN COUNTY HIGH SCHOOL ATHLETIC COMPLEX

PRODUCER: ICAST

25-3470P7
Baseball Dugout 7C
Finish And Assembly
Information

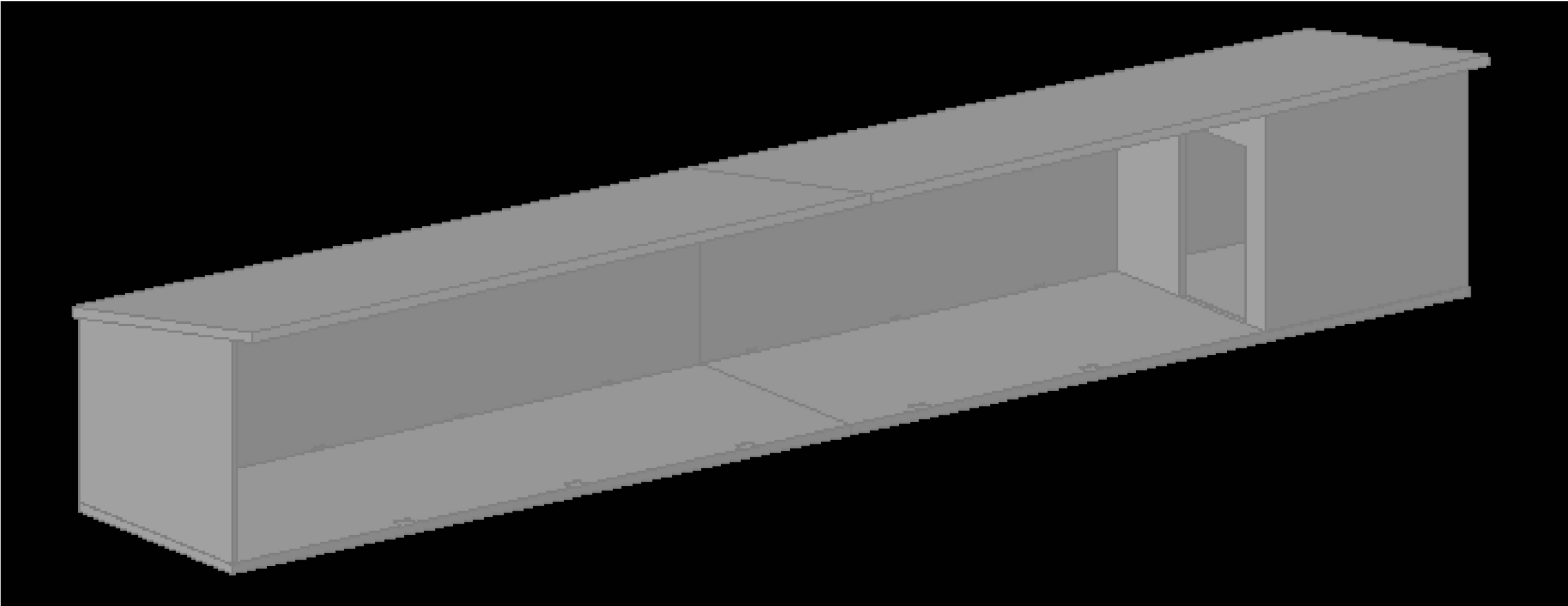
PREPARED FOR:



PRODUCTION DRAWINGS

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 LINER FINISH. OTHER FINISHES MAY REQUIRE DIFFERENT CLEARANCES.
- 6. THE SHOP TICKETS PROVIDED SHOW THE EXTERIOR FINISH CAST FACE DOWN (EXCEPT THE ROOF).
- 7. TO ENSURE SQUARENESS, CHECK DIAGONALS.
- 8. THERE ARE NO IMPLIED WARRANTIES OR GUARANTEES.



LEGEND

(X) 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

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RP-02	ROOF SLAB TICKET		08.07.26

BILL OF MATERIALS-MASTER LIST

MARK NO.	DESCRIPTION	QTY
P101L	3/8" X 1 1/4" F-63 COIL INSERT (ELEC)	18
P103G	2-TON TECH ERECTION ANCHOR	16
P104P	U-5 POST TENSION ANCHOR	16
P107G	4-TON ERECTION ANCHOR	16
P9000P	4'-0"x7'-0" SNGL DOOR 3" FRAME	1
P9000G	1" E.M.T. TUBE OF VARIOUS LENGTHS	8
P102G	ESW P-4 LIFTING ANGLE (GALV.)	16
P108G	4-TON PLATE ANCHOR	16
P201G	4"X4 3/4"X3/8"W/(2) 3/8" X 1 1/2" H.A.S. W/ 1'-4" BENT REBAR (GALVANIZED)	97
P202G	4"X4 3/4"X3/8"W/(2) 3/8" X 1 1/2" H.A.S. W/ 1'-4" BENT REBAR (GALVANIZED)	3
P203G	4"X4 3/4"X3/8"W/(2) 3/8" X 1 1/2" H.A.S. W/ 1'-4" BENT REBAR (GALVANIZED)	6

L = ELECTROPLATED FINISH G = GALVANIZED FINISH
P = PLAIN (MANUFACTURER) FINISH R = RED OXIDE FINISH
S = STAINLESS STEEL

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REV	INI.	DESCRIPTION	DATE
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PROJECT: 60'x10'x9'-10" BASEBALL DUGOUT
5185 FORT CAMPBELL BOULEVARD
HOPKINSVILLE, KY 42240
CONTRACTOR: CHRISTIAN COUNTY SCHOOLS

COVERSHEET

SCALE
NTS

DRAWN BY
FTL

CHECK BY
WCR

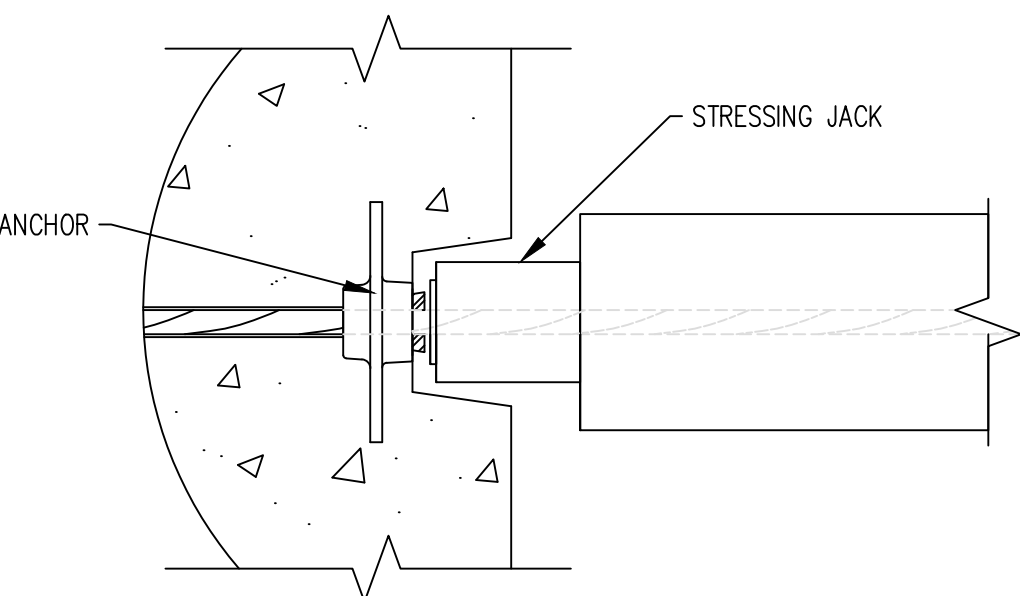
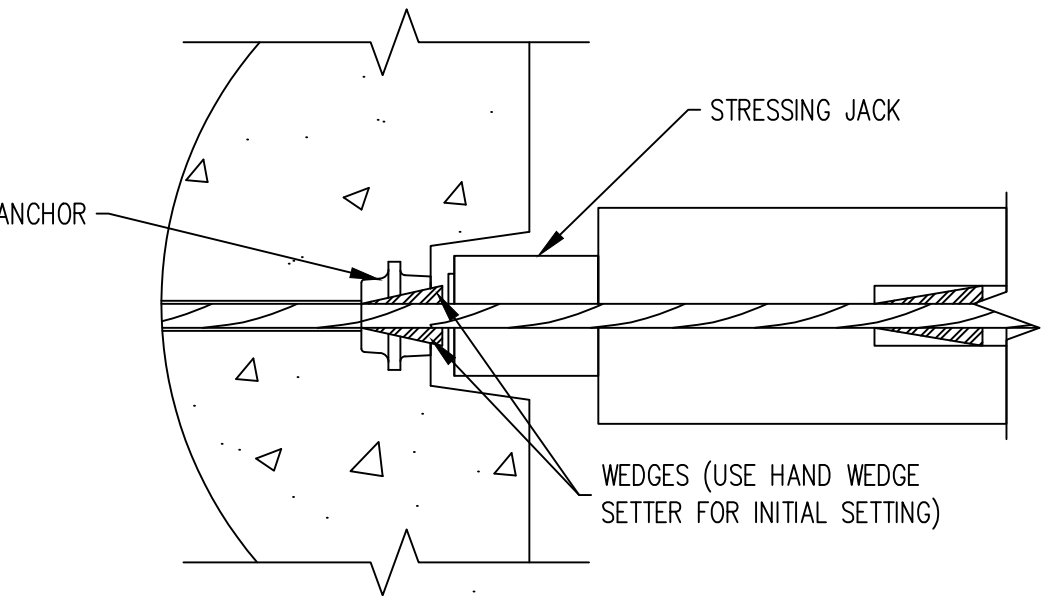
ISSUE DATE
08.07.26

SHEET
P-01

STRESSING PROCEDURES For Roofs and Floors – Model 106009C

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 seating.
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.

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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:

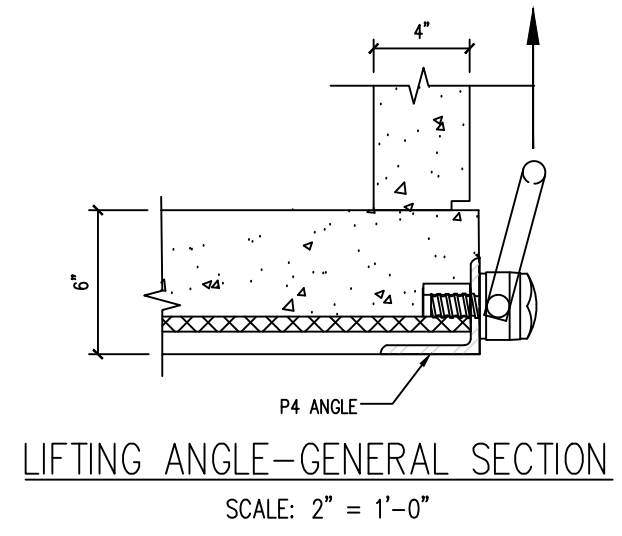
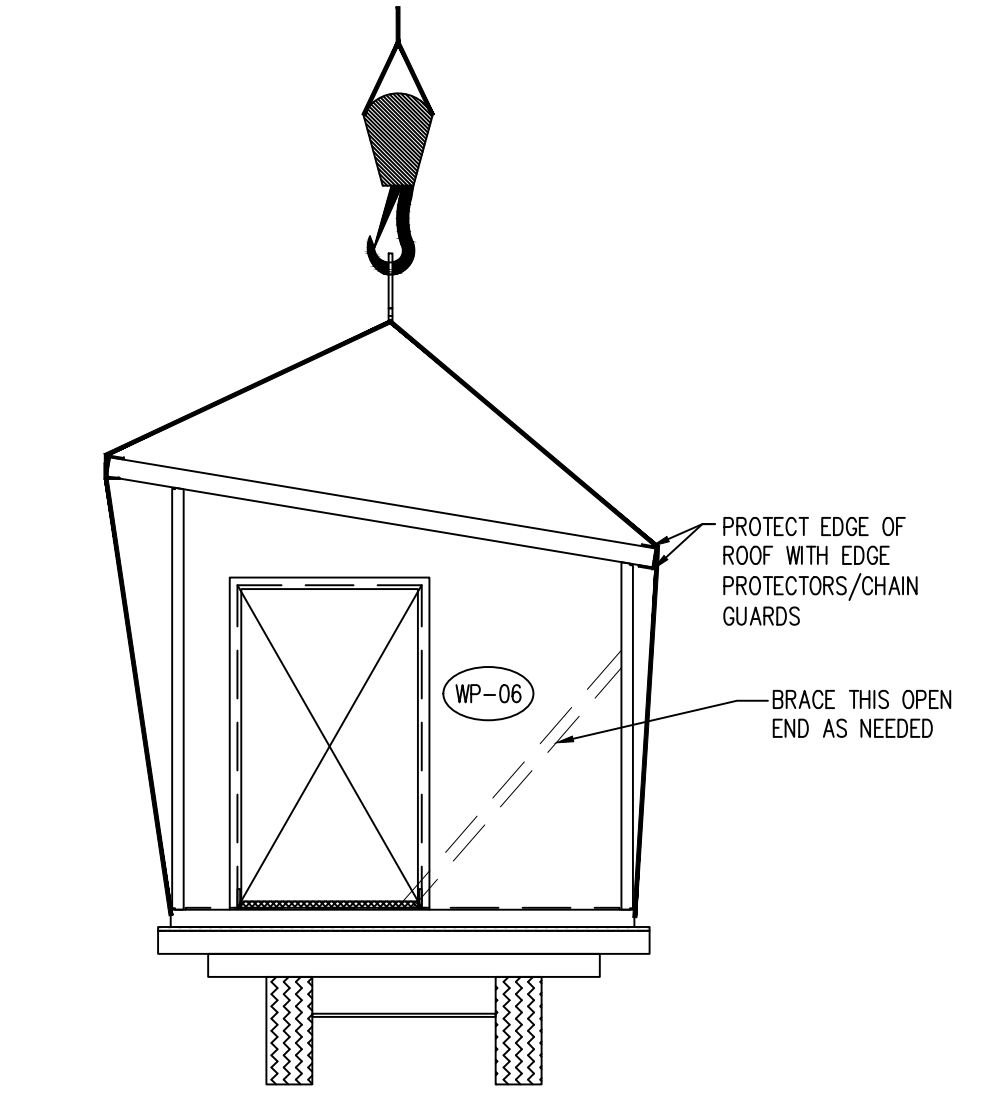
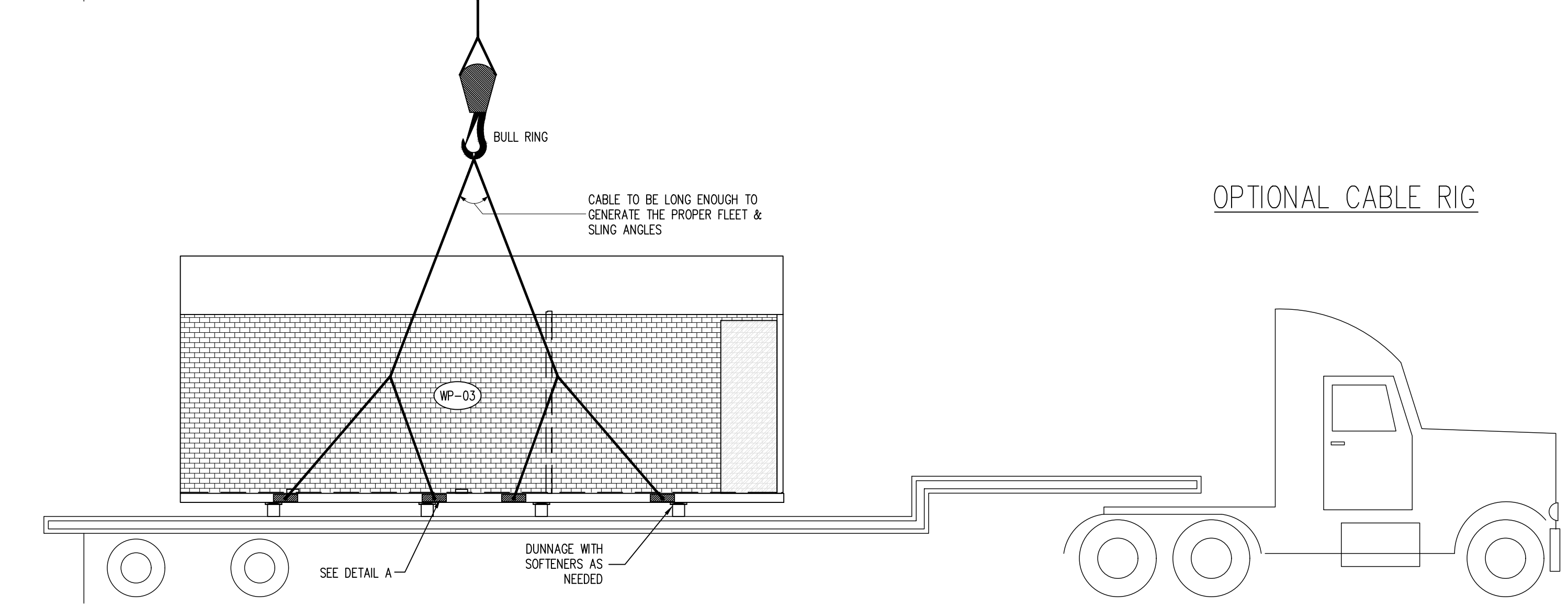
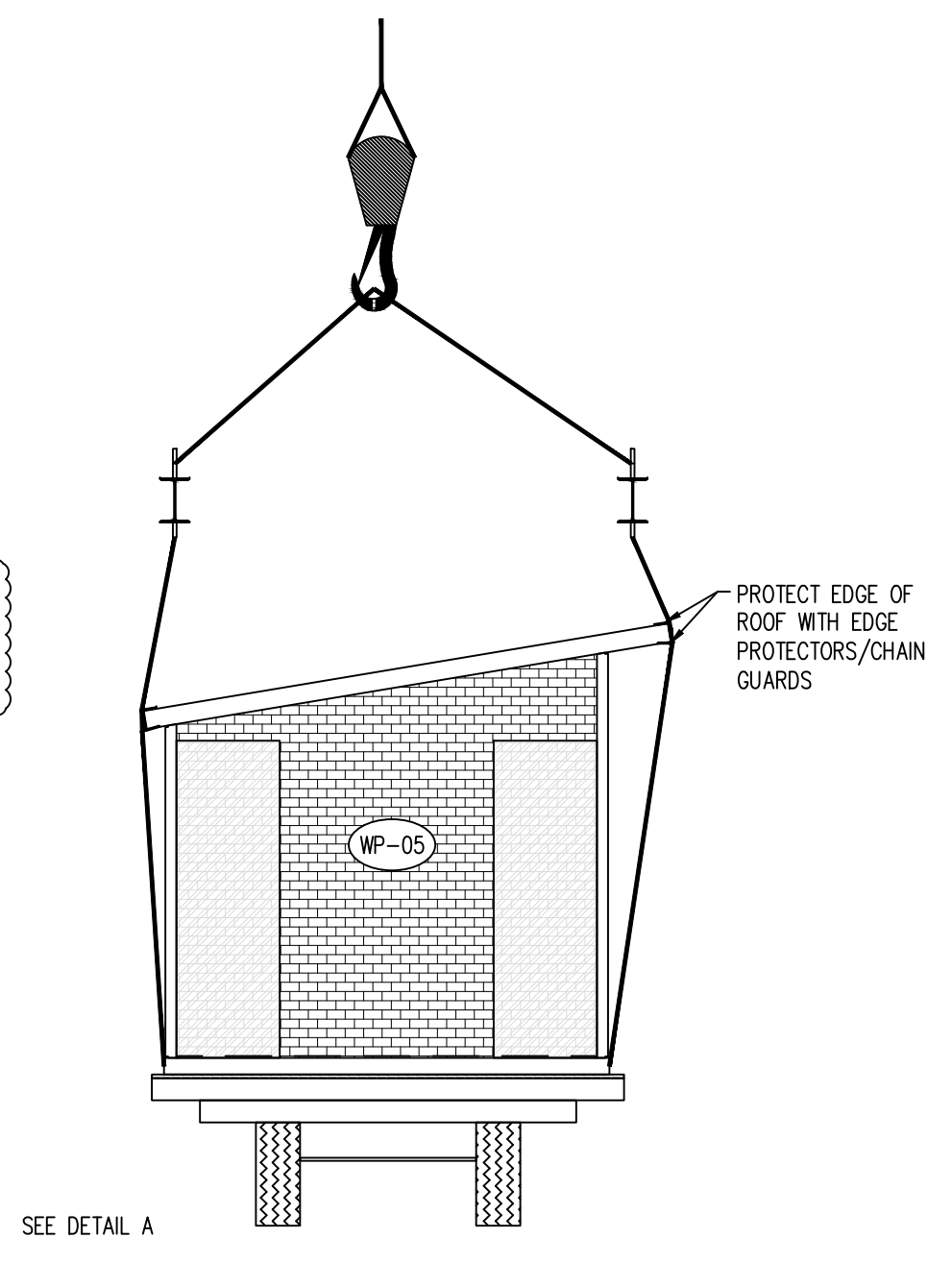
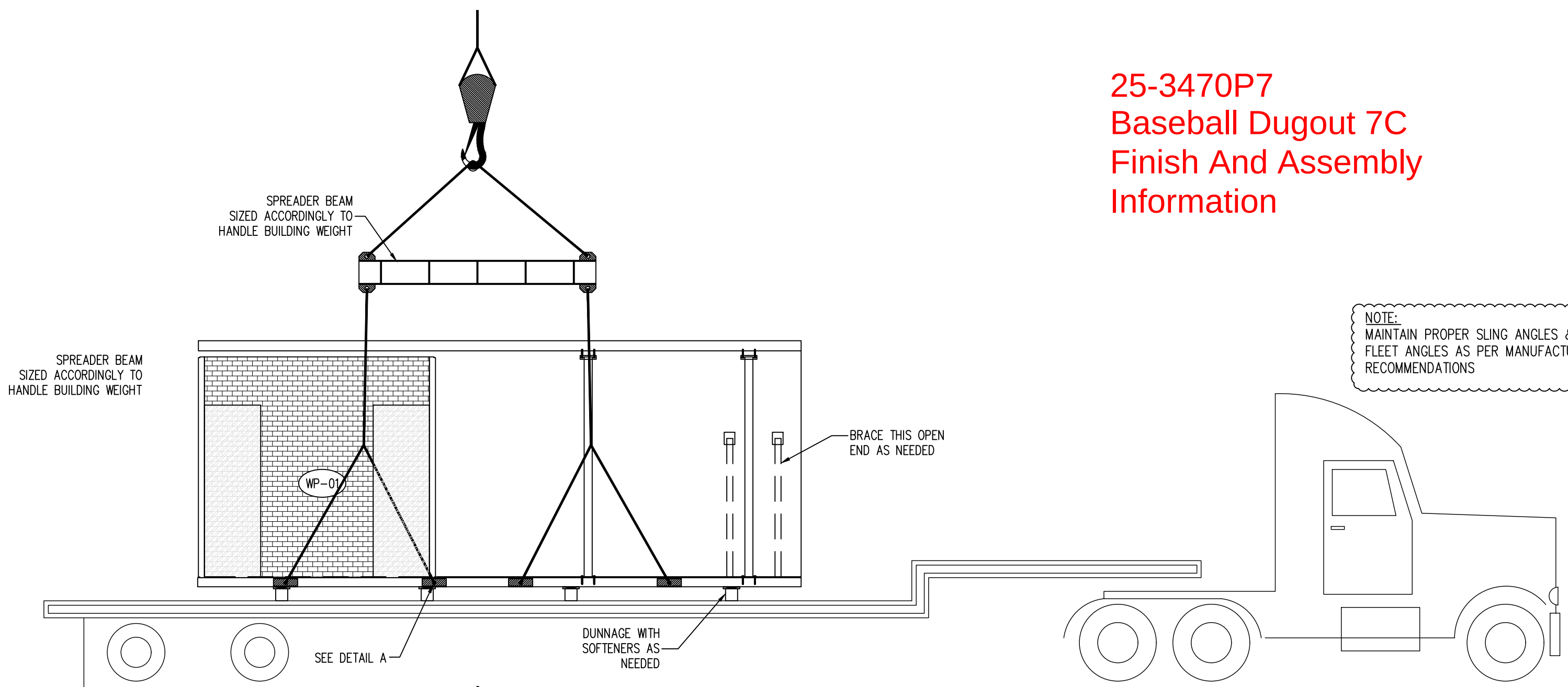
1. Before activating the pump, visually check all elastomeric tubing for nicks, cracks, or other damage and repair or replace if required.
2. See that all tubing joints are tightly connected.
3. Be sure that pump is supported in a stable manner and positioned to avoid strain on connection lines.
4. Be sure that protective dunnage 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 tag 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.

DATE	DESCRIPTION	INI.	REV
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5185 FORT CAMPBELL BOULEVARD
HOPKINSVILLE, KY 42240
CONTRACTOR: CHRISTIAN COUNTY SCHOOLS

STRESSING PROCEDURES
SCALE NTS
DRAWN BY FTL
CHECK BY WCR
ISSUE DATE 08.07.26
SHEET P-02

25-3470P7
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NOTES:
1. THIS GUIDE IS FOR INFORMATIONAL PURPOSES ONLY
AND IS NOT A SUBSTITUTE FOR CODE REQUIREMENTS AND
ENGINEERING PRUDENCE.
2. THIS GUIDE IS NOT TO BE MISCONSTRUED OR IMPLY
ANY LIABILITIES OR WARRANTIES.
3. MAINTAIN PROPER SLING ANGLES, RIGGING PRACTICES
AND TECHNIQUES AS PER MANUFACTURERS
RECOMMENDATIONS

BUILDING/MODULE -#1 WEIGHT		BUILDING/MODULE -#2 WEIGHT	
PANEL	WEIGHT (LBS)	PANEL	WEIGHT (LBS)
FLOOR SLAB (FP-01)	18,790	FLOOR SLAB (FP-02)	18,770
WEST WALL (WP-02)	3,380	NORTH WALL (WP-01)	3,550
SOUTH WALL (WP-04)	9,045	SOUTH WALL (WP-03)	9,055
ROOF SLAB (RP-01)	22,500	EAST WALL (WP-05)	3,380
TOTAL NET BLDG:		INTERIOR WALL (WP-06)	1,950
		ROOF SLAB (RP-02)	22,500
		TOTAL NET BLDG:	
		59,205	

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SHIPPING AND
HANDLING
GUIDE

SCALE
NTS

DRAWN BY
FTL

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ISSUE DATE
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SHEET
P-03

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