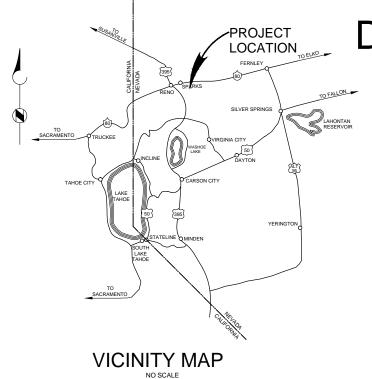
CITY OF SPARKS/ TRUCKEE MEADOWS WATER RECLAMATION FACILITY

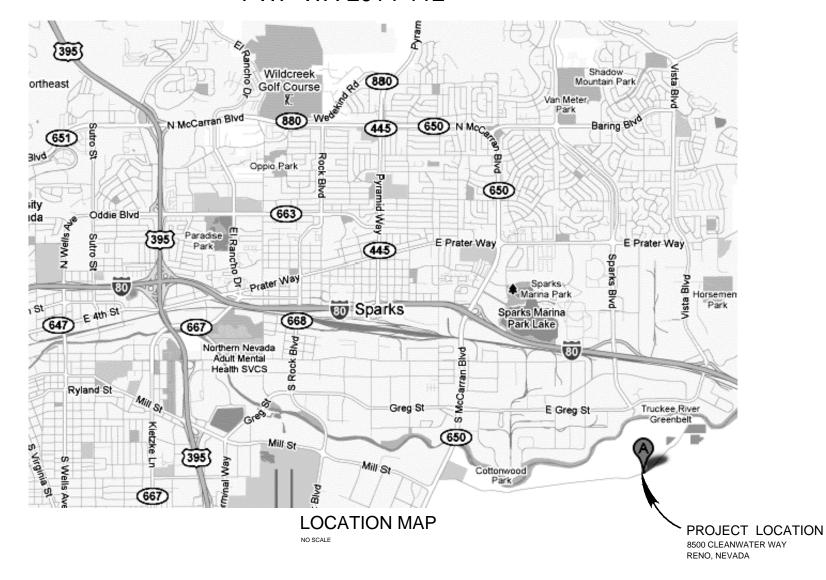
IMPROVEMENT PLANS FOR
DIGESTER 5 INTERIOR COATING PROJECT

BID No. 13/14 - 018 PWP-WA-2014-112



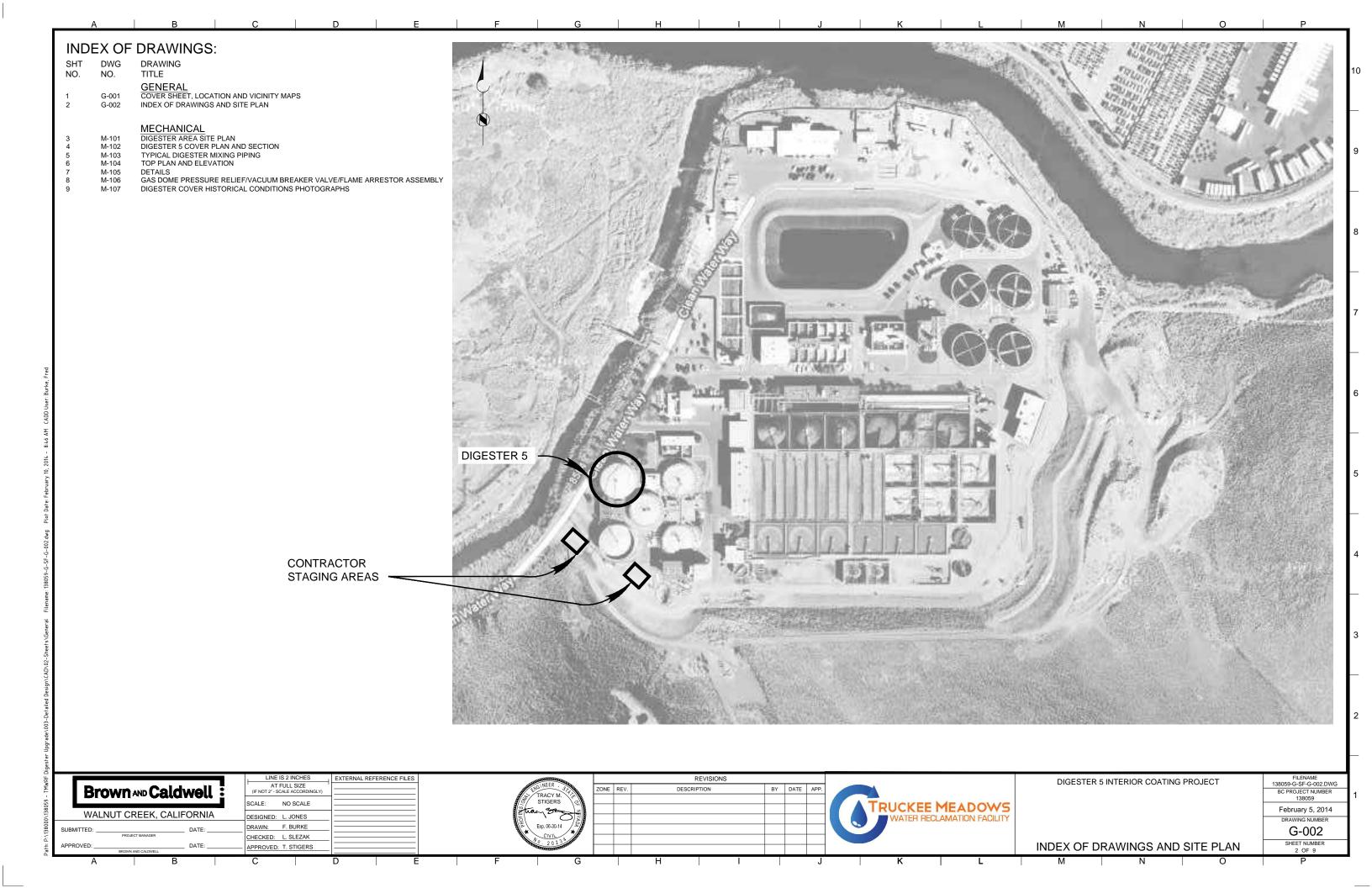
TRACY STIGERS, P.E., No. 20234 BROWN AND CALDWELL

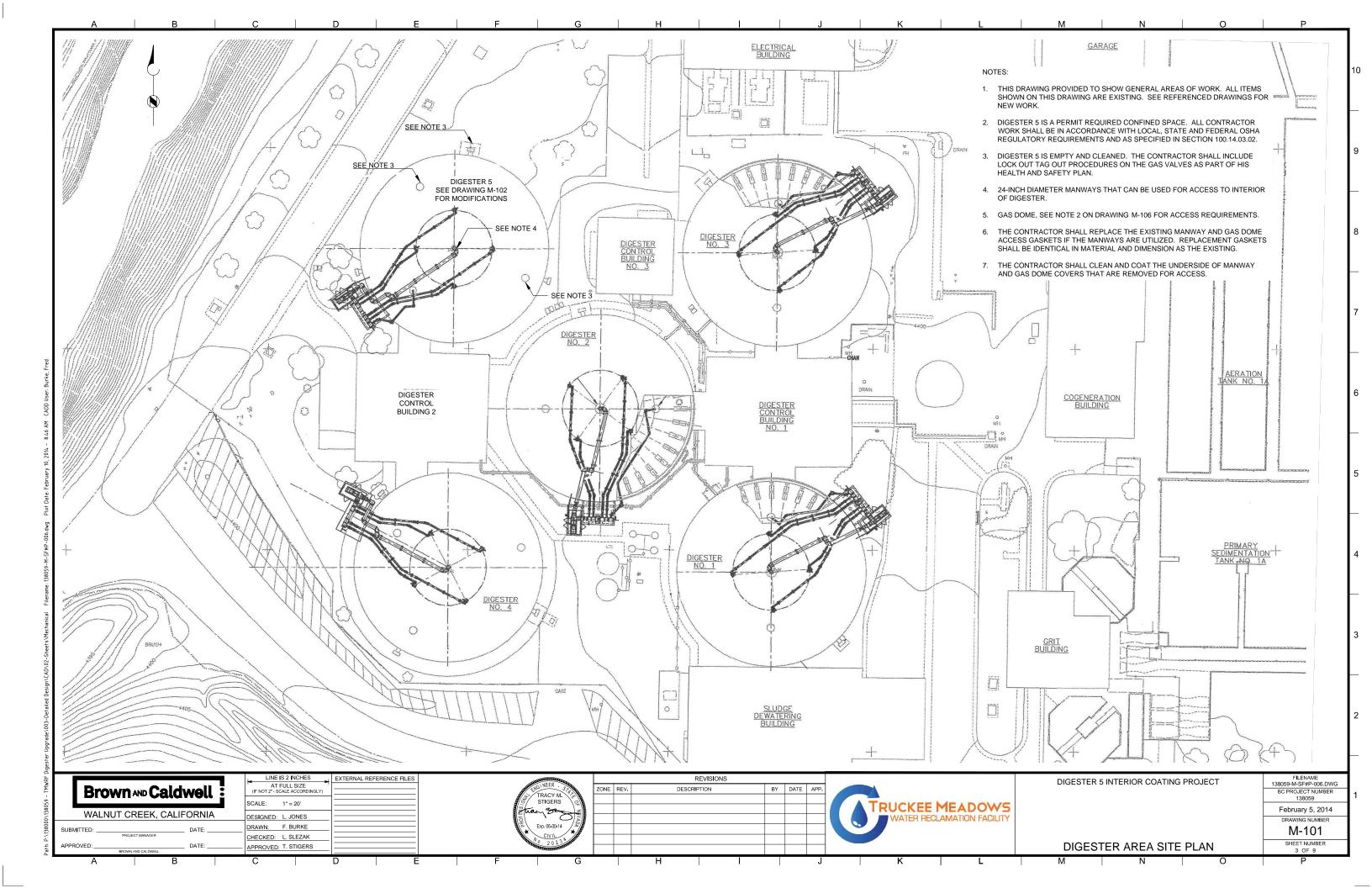
KIM LABER
TMWRF MAINTENANCE MANAGER

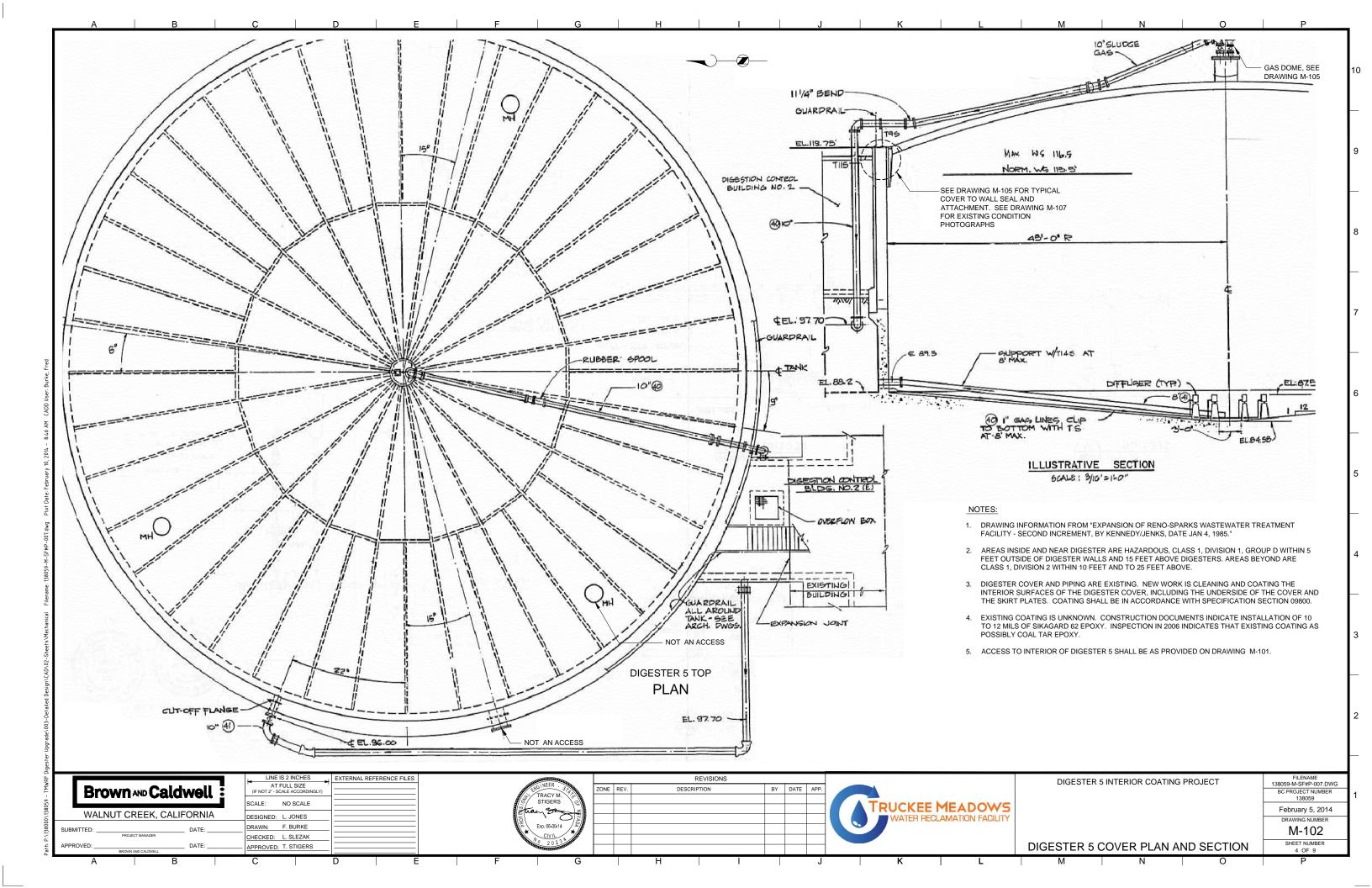


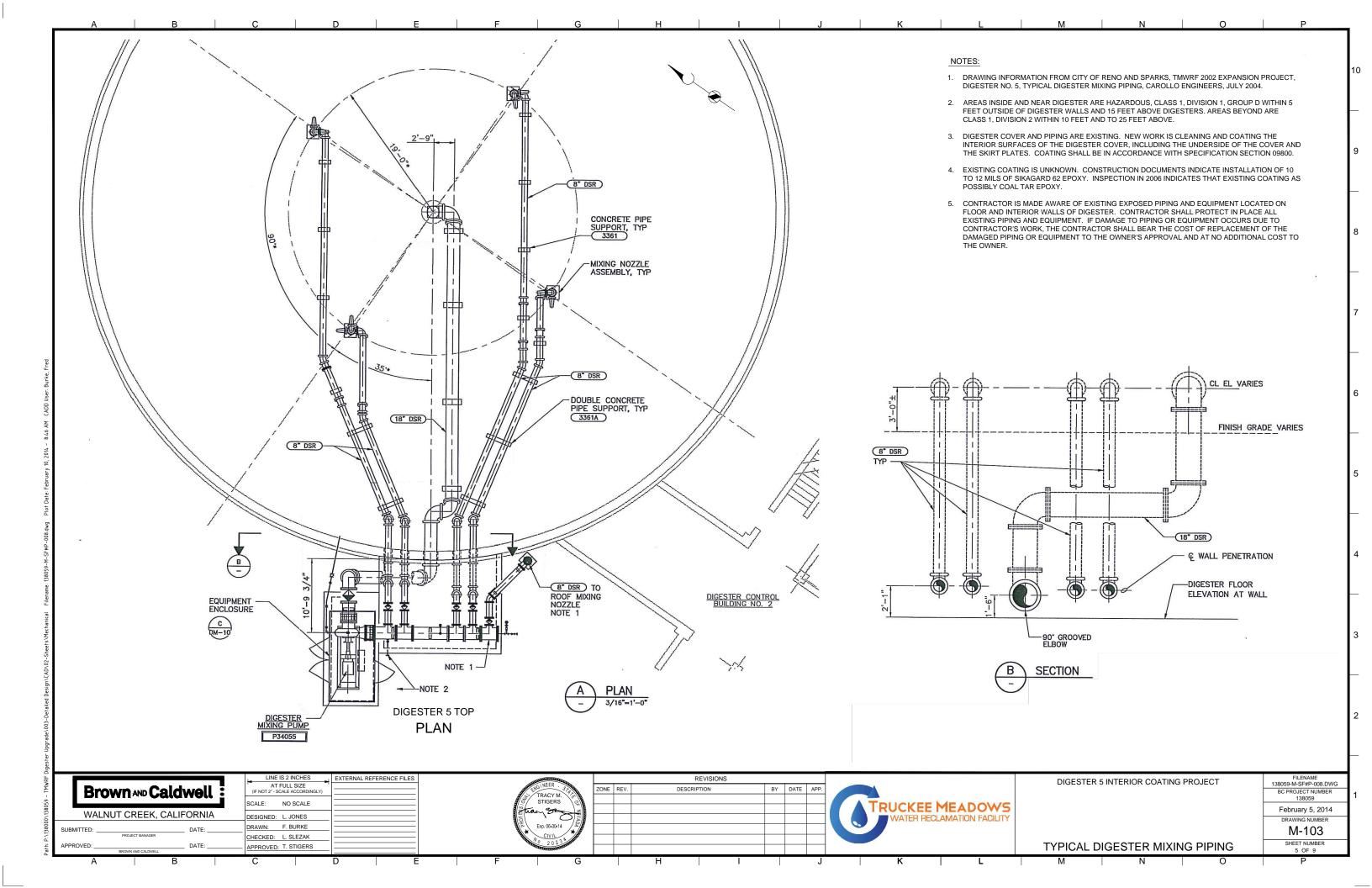


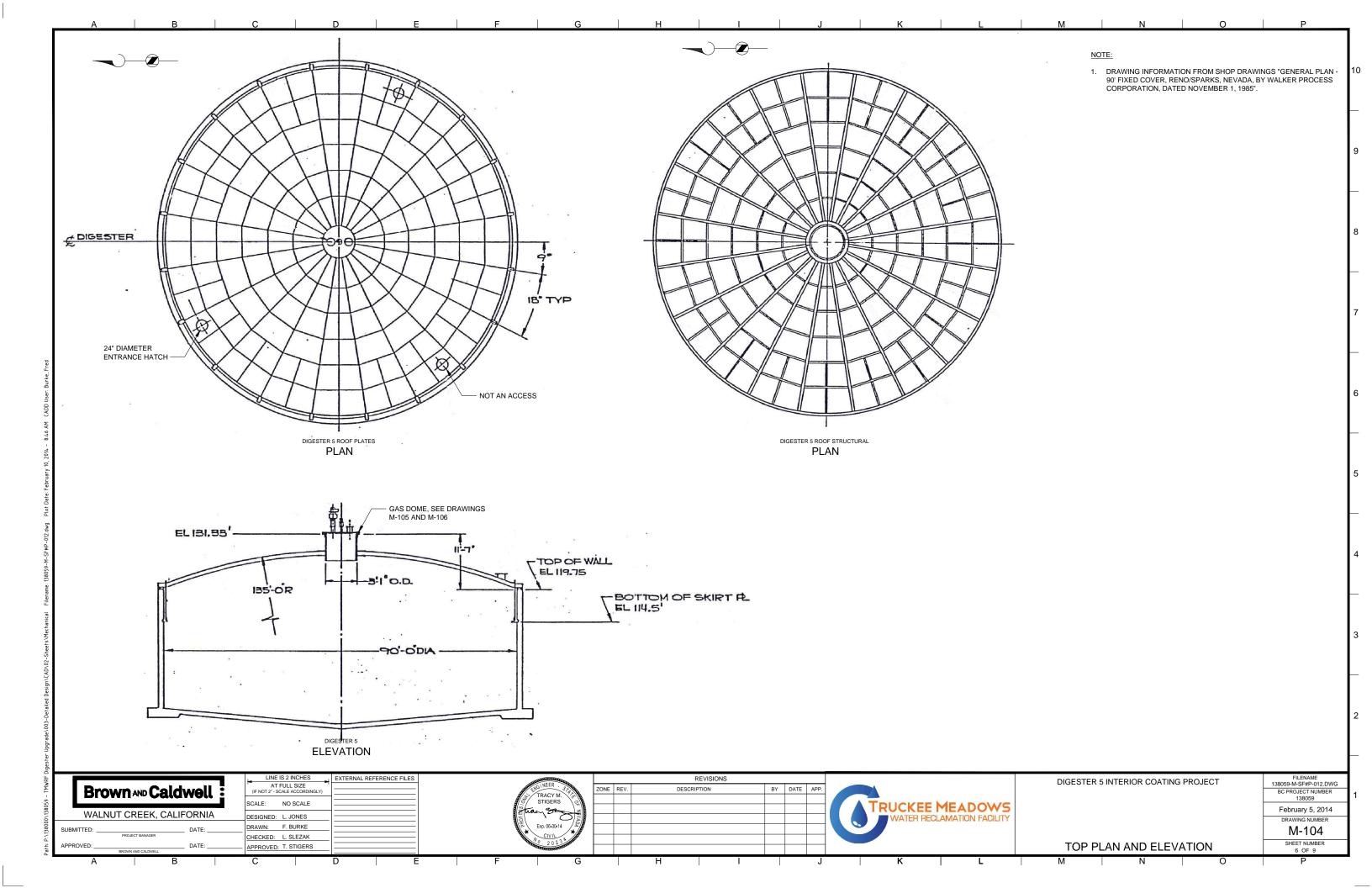


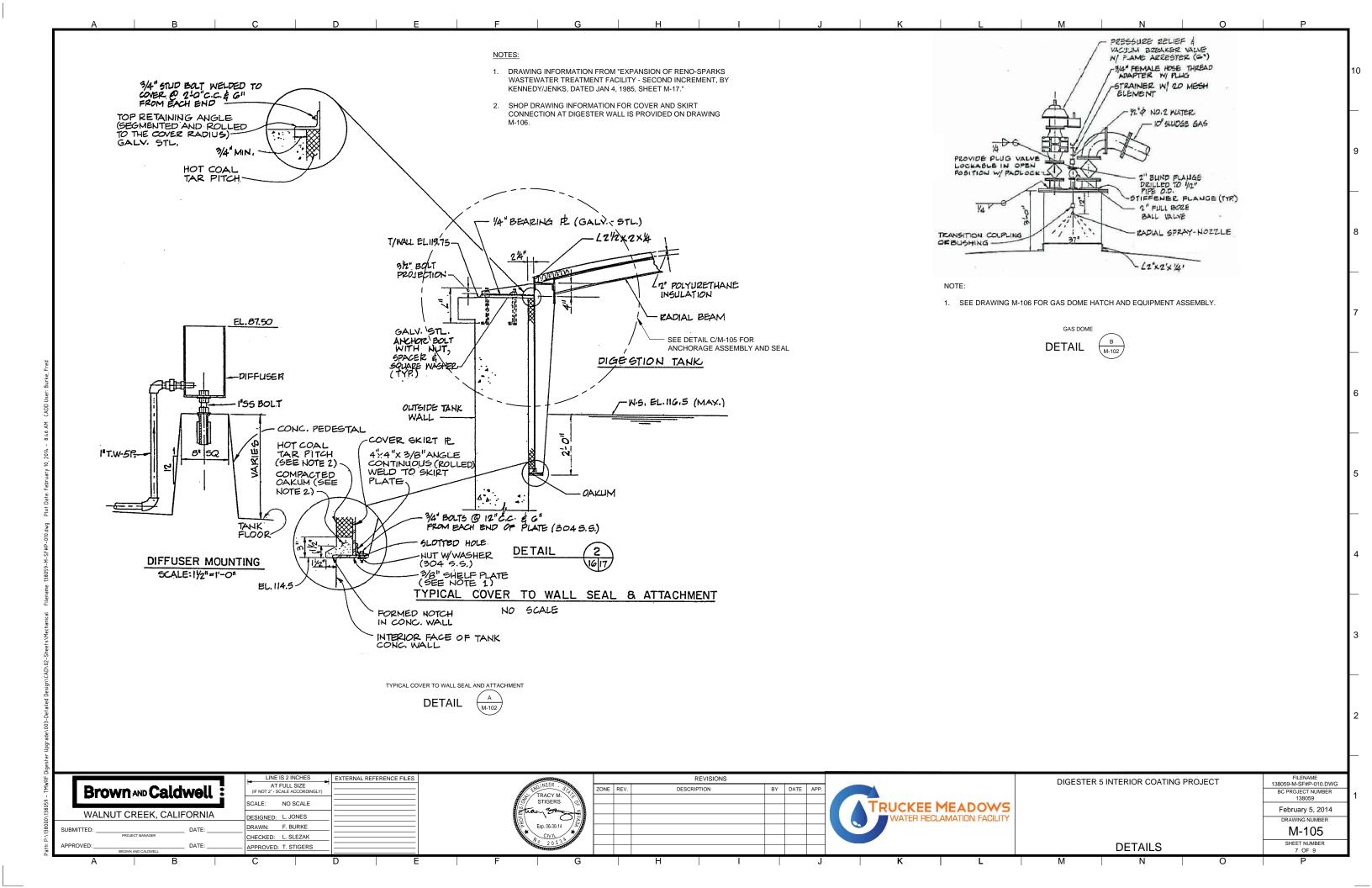


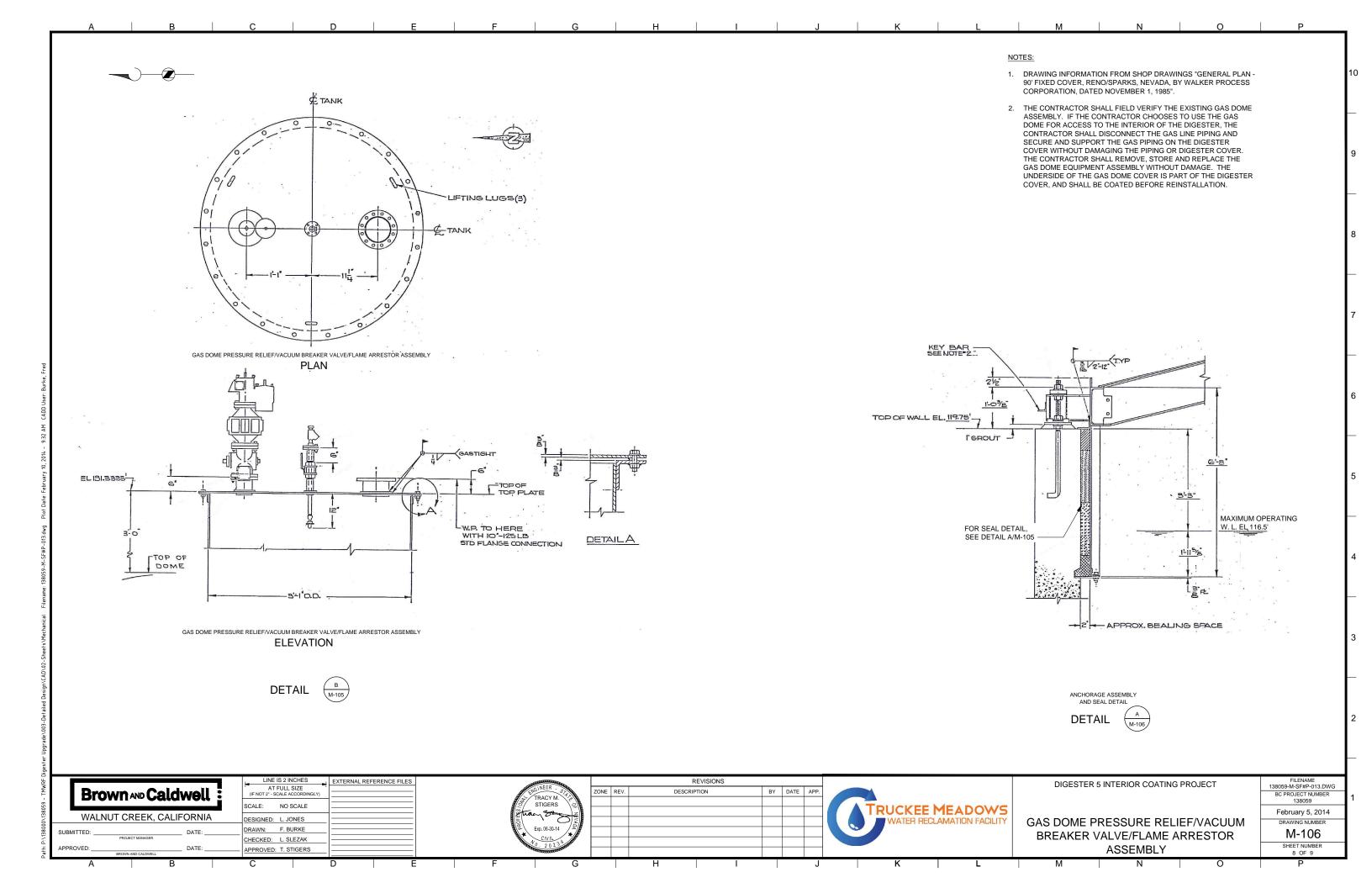












Photographs TMWRF Digester No. 5 November 7, 2006 SEE NOTE 1



Photo 1: Overview of digester cover. Gray surface is coated polyurethane foam insulation.

Edge of steel cover is visible behind handrail.

Two cover connection brackets are visible at photo right center.



Photo 2: Skirt' area of cover. Top of concrete tank wall is at photo lower left. Cover includes coated foam insulation, sidewall, and steel angle Connection bracket is visible at far top left of photo.

DIGESTER 5 COVER HISTORICAL CONDITION

PHOTO







Photo 3: Typical condition of cover interior. Center of cover is at photo upper left.

Black areas appear to be coated with coal tar epoxy.

Orange areas are rusty steel exposed at areas of deteriorated coating.



Photo 4: Typical appearance of steel framing showing rust (corrosion products) along edges. White areas are deposits from digester operation.

DIGESTER COVER HISTORICAL CONDITION

PHOTO (MA



TMWRF Digester No. 5 November 7, 2006 SEE NOTE 1



Photo 5: Center portion of cover as viewed from floor of digester.

White areas are deposits from digester operation.

Orange-brown areas are rusted steel, including connection bolts at center ring.



Photo 6: Typical damaged area in polyurethane foam insulation on top of cover. Area shown is approximately 1 foot square. About 25 such areas exist.

DIGESTER COVER HISTORICAL CONDITION

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