65N402

DEFERRED
Extend 1'T with ess calor(cplg)on 6"long short nipple

MATCH LINE B

Sta 1+88.0 U

Sta 3+63.0 U

Sta 4+30.0 U

Sta 5+51.0 U

Sta 6+62.0 U

Sta 7+46.0 U

HOLD

Flow

N

Channel face

DEFERRED
℄ Lock Ltg Stds, see note 35

UPPER LAND APPROACH WALL, El 645.0
Construction deferred

DEFER

Det G-65N434, note 27

From Lock Oper Bldg, note 28, extend to cable trays in cable gallery

Det W, installation of embedded boxes, cplgs, & conduit in back face of lockwall

Contd on tray, 3#12 to ℄ Lock in LOCK OPER BLDG 2#10 to A/C water pump in Pump Room

Note 30

Note 29d bldg support steel

21 flush cplg, csf, center cplg as shown Sect W-W, except ℄ at El 645.0 Note 29. Contd G5N446

Junction box, see Det R, ℄ box at El 643.0

DEFERRED (REMOVE)

Note 8, typical

Jib crane

Typ ladder recess

LC10-5-0-CJ, gxe

Sta 0+47.0 U

Sta 0+67.0 U
Temp upper extreme of landwall

Sta 1+52.0 U

Sta 1+92.0 U

Sta 2+11, note 3

Det R, note 32

MATCH

LINE B

℄ 1"T cplg & plug, cso, one-way (Pour flush with conc face)
24 at El 644.5'-3" ℄
24 at El 643.1'

Sta 5+08.75 D

Sta 4+25.25 D

Sta 3+21.75 D

Sta 2+28.25 D

Sta 1+00.0 D

Sta 0+35.25 D

Sta 0+00

BASE LINE OF DAM

℄ LOCK MAIN LOCK CHAMBER

LANDWALL El 612.0

COMMONWALL (MAIN LOCK) El 612.0

℄ 600' AUXILIARY LOCK CHAMBER

COMMONWALL (AUX LOCK) El 645.0

RIVERWALL El 644.0

Sidewalk, El 634±

Metal closure ℄

Typ for JB on wall or cable gallery, see det noted with ea circ desg

Typ for Deferred Sub Ctr

Main Lock wall elevations vary, no deferred constr, see Sht 406

Deferred constr

Typ towing cable truck

Typical air & water recess

Typ check post

Typical bulkhead slot; dashed air-seal recesses only where shown

Spiral Stairs, see note 14

Elec Manhole 8, see note 14

Ltg units in handrail, see 15N403

Spillway drainage inspection gallery, For ltg see 15N406

Sta 17+05.0 on Base Line of Dam

First conc jt & conc slab of spillway, contd SPILLWAY DWGS

UPPER RIVER APPROACH WALL, EL 645.0

Channel face

Typ pier

MATCH LINE A

℄ Lock Ltg Stds, see note 35

Turn conduit up in handrail post, see Post Det, note 14 for post location see 68N335

UPPER END

Air Horn Stn (also det only 65N410) For loc of mtg det, see 67N410-6

Note 4 except ℄ at El 643'-8"

With Gage Recess, see note 14

Scale 1" = 20'

NOTES:

* Indicates partial installation of a specific item anticipating complete installation later.

** Indicates temporary installation of an item, anticipating removal with minimum expense to reuse item and refinish ex-location, or abandon.

1. All sections & details from 65N402 & 65N403 are shown 65N404, ...n.
2. All ltg wiring in ℄ #12, e.g. (except as noted), and all ltg conduit is 1" rsn (rjc) e.a.n.; embedded in conc, e.a.n.; and cross perpendicular to cont- or exp jt with exp cplg (crp) e.a.n.
3. Scheduled conduits, conductors, or grounding (see 65N800 series dwgs.)
4. 1" Brass cplg & plug (cso, cnr-1) embedded flush with conc ℄ El 644.5.
5. Same as note 4, except ℄ at El 621.5.
6. Arrange conduit cplgs in ceiling of cable gallery in the order shown and located 3" o.c. with one conduit cplg of each group located on a center line (or proximity). Extend ltg conductors to cabinet via tray. For extension & termination of exposed ltg conduits to trays, see typ details of gallery - 65N415, 65N426 & 65N438.
7. TB (4 line terminal block, pnn — in JB (gvn, gvt, —) for principal junctions of ltg cables on trays. See Det J as typical e.a.n. 21, 23, etc) Dets shown 65N405.
8. Electrical recesses in concrete with frame recess & drain; location, detail & reference in Concrete drawings (61N200 series).
9.

NOTES ARE CONTINUED ON 65N403

Gen Memo: Regard all data noted DEFER (RED) as Future

REFERENCE DRAWINGS:
- 65BM402.....BILL OF MATERIAL
- 65N400.....LOCKS - LIGHTING - FIXTURE SCHEDULE

COMPANION DRAWINGS: 65N403, 404, 405

MAIN AND AUXILIARY LOCKS

LIGHTING
LOCK CHAMBER & APPROACH WALLS
GENERAL PLAN - UPPER END

NICKAJACK PROJECT
TENNESSEE VALLEY AUTHORITY
DIVISION OF DESIGN

SUBMITTED	RECOMMENDED	APPROVED

KNOXVILLE | 10-1-65 | 69 | E | 4 | 65N402R8

RECORD DRAWING AS CONSTRUCTED

Field changes

NO	DATE	MADE	CHKD	SUPV	INSP	SUBM	RECM

DSGN. WAB ... SUPV. C.H.L.
DRWN. A.E.N. ... INSP. J.K. F.M.K.
CHKD. J.R.C. ... MGR. OF DES. J.S.R.
TRCD. ... ENGINEER
COMP. ... DATE