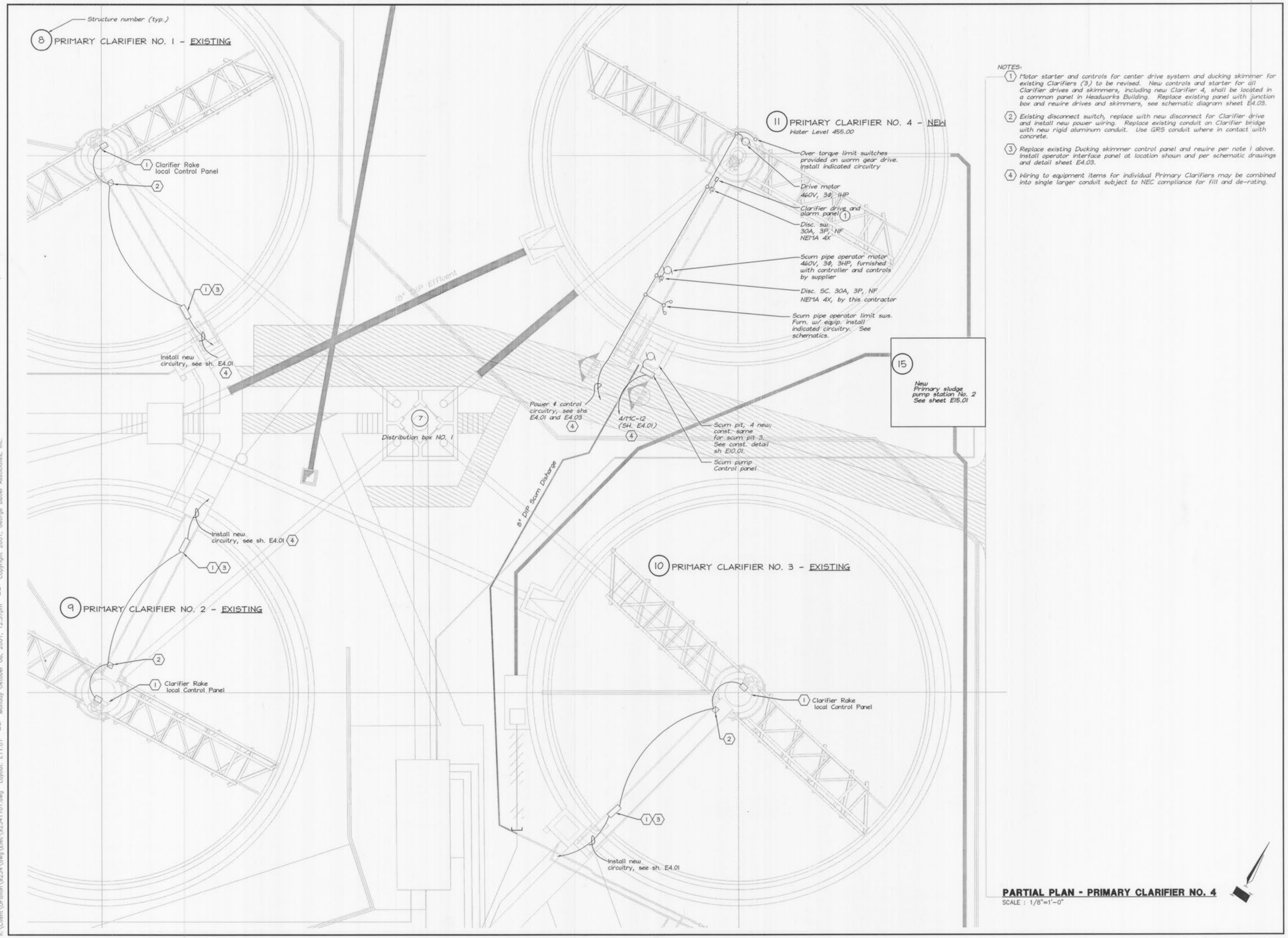

NOTES:

1. Motor starter and controls for center drive system and ducking skimmer for existing Clarifiers (3) to be revised. New controls and starter for all Clarifier drives and skimmers, including new Clarifier 4, shall be located in a common panel in Headworks Building. Replace existing panel with junction box and rewire drives and skimmers, see schematic diagram sheet E4.03.
2. Existing disconnect switch, replace with new disconnect for Clarifier drive and install new power wiring. Replace existing conduit on Clarifier bridge with new rigid aluminum conduit. Use GRS conduit where in contact with concrete.
3. Replace existing Ducking skimmer control panel and rewire per note 1 above. Install operator interface panel at location shown and per schematic drawings and detail sheet E4.03.
4. Wiring to equipment items for individual Primary Clarifiers may be combined into single larger conduit subject to NEC compliance for fill and de-rating.

PARTIAL PLAN - PRIMARY CLARIFIER NO. 4

SCALE : 1/8"=1'-0"

GEORGE BUTLER ASSOCIATES, INC.
Engineers • Architects
Kansas • Missouri • Illinois
GBA

STATE OF MISSOURI
STEVEN LEE CHRISTENSEN
NUMBER E-24353
REGISTERED PROFESSIONAL ENGINEER
10/1/01

WASTEWATER TREATMENT PLANT EXPANSION
PRIMARY CLARIFIER NO. 4
PLAN
CITY OF O'FALLON, MISSOURI

JOB NO.: 9234
DATE: 10-08-2001

DESIGNED BY: SLC
DRAWN BY: KRC
CHECKED BY: SLC

SHEET NUMBER
E11.01

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