

SERVICE BOX CONSTRUCTION/INSTALLATION DETAILS

The drawing consists of three main views: a top view, a side section view labeled 'SECTION A-A', and a 'RING & COVER DETAIL'.

Top View: Shows a square pre-cast concrete box with an overall dimension of 48" on all sides. It features a central circular opening with concentric circles representing reinforcement. A section line 'A-A' is indicated. A note points to the reinforcement: '84 REBAR'.

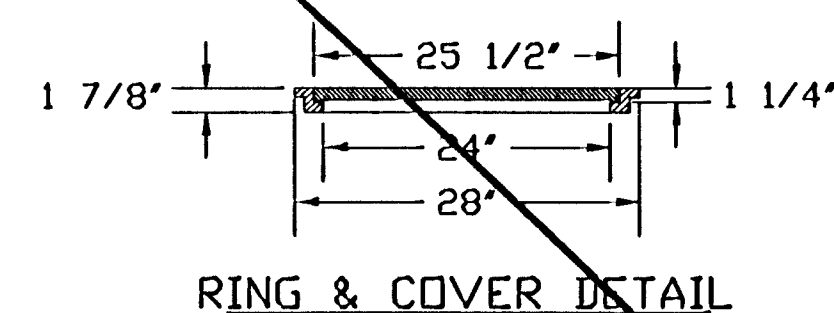
SECTION A-A: A cross-sectional view of the box. The top is labeled 'CAP TO BE FLUSH TO GROUND LEVEL' and 'CAP TO MOUNT FLUSH'. The depth of the box is specified as '24" - 30" DEPTH'. The side wall is 4" thick, labeled 'WALL THICKNESS'. The bottom is 4" thick, labeled 'WALL THICKNESS'. The interior is filled with '8" MIN. CRUSHED ROCK DRAINAGE'. The box is reinforced with 'BASKET TYPE REINFORCEMENT'. A '36" 54" RCP' (Rigid Pipe) is shown entering the box. The entry is sealed with a 'GROUT SEALER' and 'PLASTIC CABLE BUSHING'. A note indicates 'CONDUIT AS REQUIRED'. The depth of the box is also noted as '5" MAX.'.

RING & COVER DETAIL: A circular detail showing the top of the box. It features a '2 1/2" PULL RING' and a 'PICK HOLE'. The overall diameter is 25 1/2". The inner diameter of the ring is 24". The thickness of the ring is 1 7/8". The thickness of the cover is 1 1/4".

PRE-CAST CONCRETE SERVICE BOX
(36" I.D. X 54" RCP)
with 6" CAP

SECTION A-A

RING & COVER DETAIL



NOTE: CAST IRON RING AND COVER
SHALL BE NEENAH R1773 OR APPROVED
EQUAL.

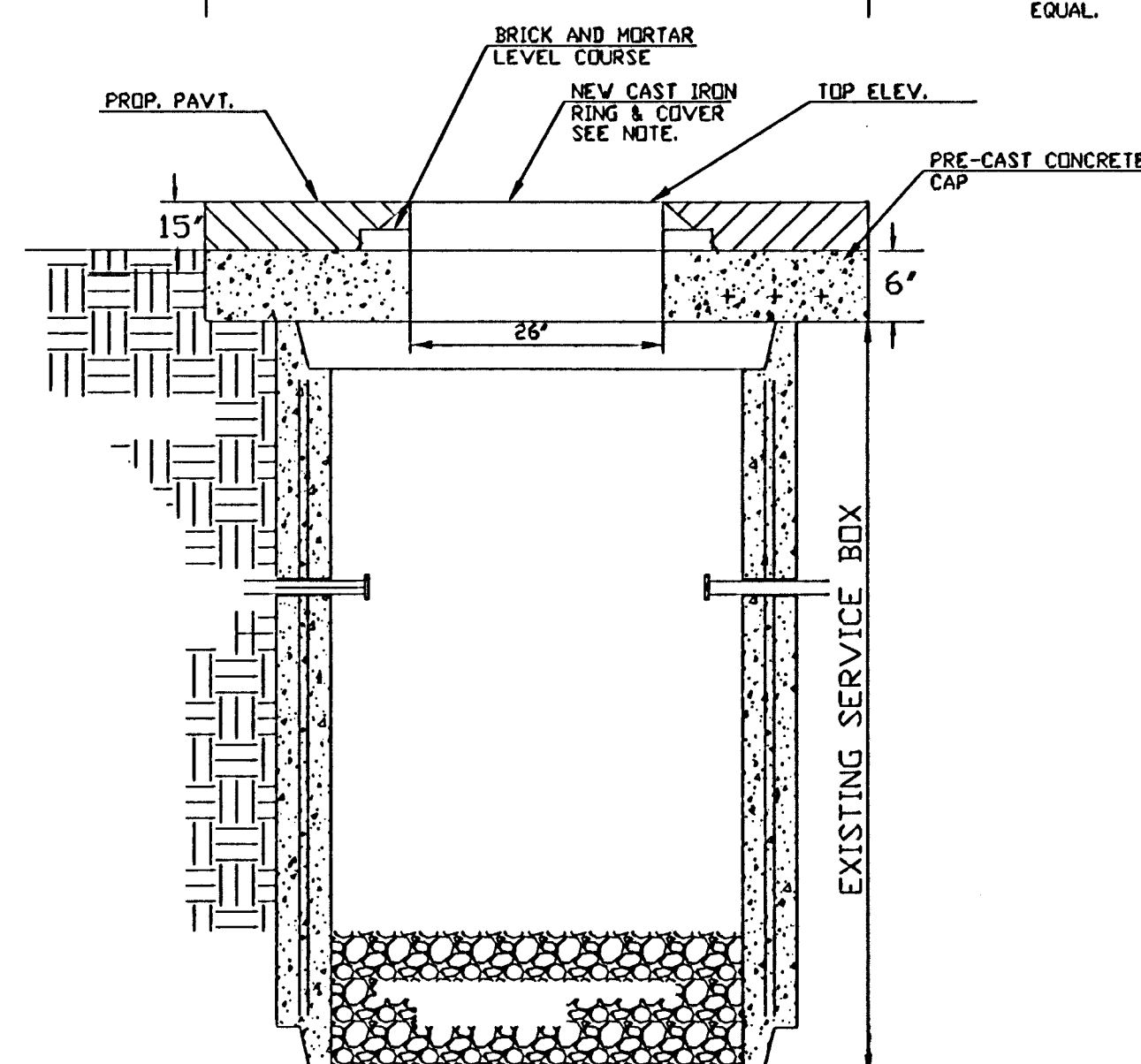


Diagram illustrating a curb and gutter detail. The curb is shown with a saw cut, a drill, and a high edge. A 3/4" rebar is shown extending from the curb into the gutter, sloping down at a 24° - 30° angle below the top of the curb. The diagram is labeled "TO JUNCTION BOX".

2.	3' RIGID STEEL CONDUIT BTWN. SERVICE BOXES.				
	1 1/4"	'	'	'	BTWN. SERVICE & JUNCTION BOXES.
	3/4"	'	'	'	BTWN. JUNCTION BOXES.
	3/4"	'	'	'	BTWN. JUNCTION BOX & DETECTOR
					LOOP SAW CUT

OAK CREEK-PHASE 1
21ST ST. N. DECEL LANE

SERVICE/JUNCTION BOX, CONTROLLER PAD
CONSTRUCTION/INSTALLATION DETAILS

	PROJECT NUMBER
	472-84208

OWN BY: T.M.	APPROVED BY	REVISED BY: T.M.
DATE: MAY 97		DATE: MAY, 97

VISION OF TRAFFIC ENGINEERING

SCALE
NO SCALE