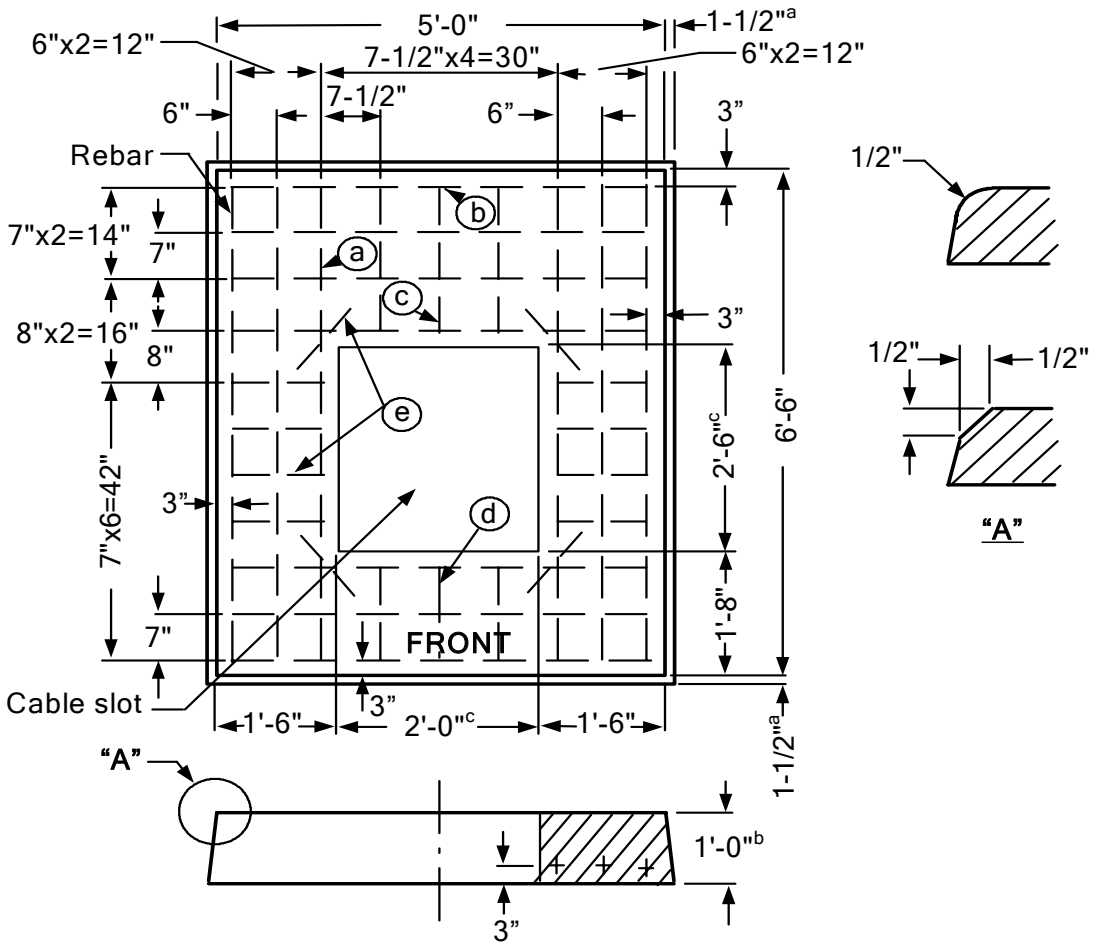
# RS-45: FUSE CABINET PAD, 15KV

## DESIGN REQUIREMENTS

**TOLERANCES:**
a = +0", -1-1/2"
b = +1/4", -0"
c = +1/2", -0"

**REBAR SCHEDULE:**
(a) = 6 ea. 72"
(b) = 7 ea. 54"
(c) = 3 ea. 22"
(d) = 3 ea. 14"
(e) = 12 ea. 12"

| APPROVED PADS | |
|---|---|
| MANUFACTURER | PAD |
| Jensen Precast | J-RS-45 |
| | |
| Rockway Precast | R-RS-45 |




## RS-45 CABINET PAD

**1. Rebar:**

A. Minimum #4

B. Placed into the above drawing according to the rebar schedules.

**2. Pad**

A. A 24" x 30" cable slot.

B. Have the word "Front" embossed on the top of the pad as shown.

C. Shall meet RS-G2 and RS-G3.

| REV | REVISION RECORD | ENGR BY: | APPD BY: | DATE |
|---|---|---|---|---|
| 5 | . . | . . | . . | . . |
| 4 | . . | . . | . . | . . |
| 3 | . . | . . | . . | . . |
| 2 | . . | . . | . . | . . |
| 1 | New Format | DH | DA | 5/07 |

Nevada Power.

**T&D STANDARDS**
**NEVADA POWER COMPANY**
**ELECTRIC SERVICE REQUIREMENTS**

**RS-45**
**Fuse Cabinet Pad, 15kV**

DI: ESRNPC-RS045-REV01

**SHEET 1 OF 2**

NONE

INITIAL ISSUE DATE: 05/17/2007

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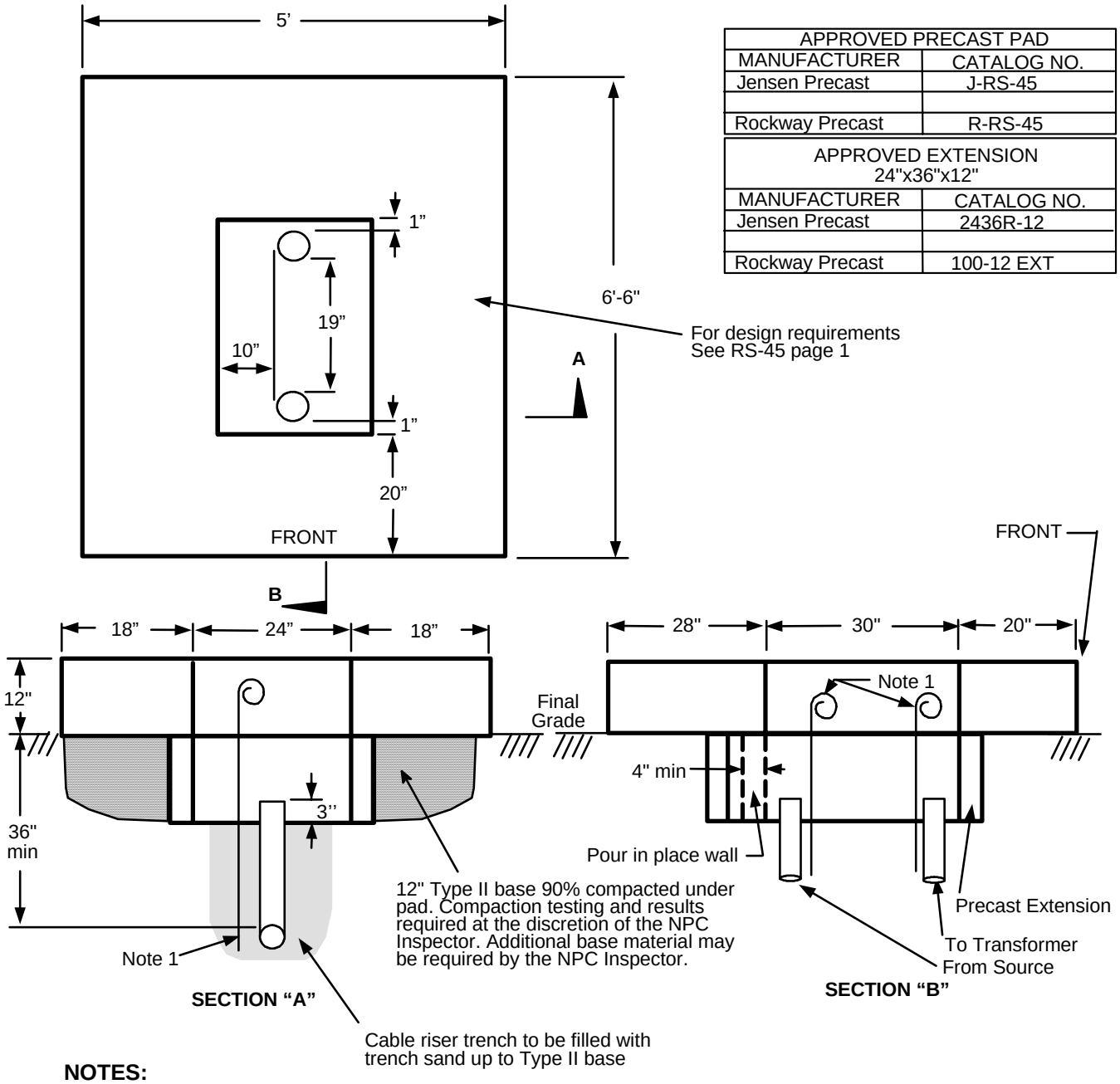
# INSTALLATION REQUIREMENTS




| APPROVED PRECAST PAD | |
|---|---|
| MANUFACTURER | CATALOG NO. |
| Jensen Precast | J-RS-45 |
| | |
| Rockway Precast | R-RS-45 |

| APPROVED EXTENSION 24"x36"x12" | |
|---|---|
| MANUFACTURER | CATALOG NO. |
| Jensen Precast | 2436R-12 |
| | |
| Rockway Precast | 100-12 EXT |

**NOTES:**

1. Grounding by customer shall be 2-50’ #2 stranded bare copper ground wires laid in the bottom of the conduit trench in opposite directions with 2-5’ tails in the pad opening. Note: Only at the discretion of NPC’s inspectors, a ½”x8’ copper ground rod can be installed.
2. For location and clearances to other structures, see: RS-5.
3. Retaining wall required when grade from bottom of pad rises or lowers more than 1’ in 5’ horizontally.
4. All secondary conduits shall be located within 24” of the right side of the pad opening.
5. The top of the pad shall be leveled and must clear the final grade by 12”.

Nevada Power.

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**NEVADA POWER COMPANY**
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## RS-45
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| DI: ESRNPC-RS045-REV01 | | SHEET 2 OF 2 | 1 |
|---|---|---|---|
| SCALE: NONE | INITIAL ISSUE DATE: 05/17/2007 | | |