

EXISTING BOYS TOWN
CENTER OFFICE BUILDING
FINISH FLOOR 1823.50

CONTRACTOR TO VERIFY ALL
UNDERGROUND UTILITIES AND
SLEEVES ARE IN PLACE PRIOR
TO INSTALLATION OF CONCRETE
PAVING.

TRAN GEN

FIRE STATION NO. 8

1/2" GAS BY SWG

UNDERGROUND FUEL TANK

NOTE: CONTRACTOR MAY POUR
VALLEY GUTTER AND PAVEMENT
MONOLITHICALLY IF MINIMUM
DRAINAGE SLOPE OF 0.88% CAN
BE MAINTAINED.

CONTRACTOR TO PERFORM
FLOW TEST WITH ENGINEER TO
GUARANTEE POSITIVE DRAINAGE.

NOTE: CONTRACTOR MAY POUR
VALLEY GUTTER AND PAVEMENT
MONOLITHICALLY IF MINIMUM
DRAINAGE SLOPE OF 0.88% CAN
BE MAINTAINED.

CONTRACTOR TO PERFORM
FLOW TEST WITH ENGINEER TO
GUARANTEE POSITIVE DRAINAGE.

NOTE: FUEL TANK SLAB TO BE
INSTALLED AS A SEPARATE POUR.
CONTRACTOR TO HAVE REBAR
INSPECTED PRIOR TO POURING. SEE
SHEET P1 OF ARCHITECTURAL SET
FOR ADDITIONAL INFORMATION ON
FUEL TANK SLAB GRADING.

71758-000

NOTE: TYPE V CEMENT SHALL BE USED IN ALL CONCRETE WORK. CONCRETE TO BE 4500 P.S.I. MINIMUM @ 28 DAYS. MIX DESIGNS TO BE APPROVED BY THE CITY OF LAS VEGAS, PRIOR TO THE USE ON THE PROJECT. CONCRETE TO HAVE A WATER CEMENT RATIO OF 0.50 OR LESS.

■■■■■■ INSTALL 1/2" EXPANSION JOINT FILLER FOR DEPTH OF JOINT PER USD NO. 234 (SEE SHEET C-16).
 — ■■■■■■ INSTALL TYPE "B" CONSTRUCTION JOINT PER USD NO. 232 & 233 (SEE SHEET C-16).
 ————— INSTALL TYPE "C" WEAKENED PLANE JOINT, 2" DEEP SINGLE SAWCUT PER USD NO. 233 (SEE SHEET C-16).
 — — — — — INSTALL TYPE "D" TIED CONSTRUCTION JOINT PER USD NO. 233 (SEE SHEET C-16).
 ■■■■■■ THICKENED SLAB PER USD NO. 232 WITH 3/4" PREMOLD EXPANSION JOINT FILLER AT BUILDING FOUNDATION SLAB PER USD NO. 233 (SEE SHEET C-16).
 + + + + + SPECIAL DOWELED CONSTRUCTION JOINT PER DETAIL A, THIS SHEET.

**CONSTRUCTION JOINT SEAL PER USD NO. 233
(SEE SHEET C-16)**

The diagram illustrates the cross-section of a concrete slab at a construction joint. Key features include:

- A vertical dimension of **6"** for the total slab thickness.
- A horizontal dimension of **2"** from the joint face to the centerline of the top reinforcement bar.
- A horizontal dimension of **2"** from the joint face to the centerline of the bottom reinforcement bar.
- A horizontal dimension of **250"** between the centers of two adjacent reinforcement bars.
- Reinforcement consists of **#4 REBAR @ 12" O.C. EACH WAY**.
- At the joint, there are **3/4" DIA. X 16" LONG SMOOTH BAR DOWELS AT 24" O.C., GREASE DOWELS ONE SIDE OF JOINT ONLY.**
- The joint is sealed with a material labeled "SEAL".

TYPE "C" WEAKENED
PLANE JOINT, SINGLE 2"
DEEP PER USD NO. 233
(SEE SHEET C-16)

6"

2"

#4 REBAR @ 12" O.C.
EACH WAY (CONTINUOUS
THROUGH WEAKENED
PLANE JOINTS)

Avoid cutting underground utility lines. It's costly.

**Call
before you
Dig.**

1-800-227-2600

UNDERGROUND SERVICE (USA)



AVOID HITTING OVERHEAD
POWER LINES. IT'S COSTLY

**CALL BEFORE
YOU DO
OVERHEAD**

1-702-593-6111

630-101