PLAN VIEW - EXISTING DRIVEWAY

VARIABLE WIDTH
= W, 5' MINIMUM

3/4" CHAMFER

CLEAN ROCK
6" MIN. TYPE 1 BEDDING

#4 REBAR
SPACED 9" O.C.

#4 REBAR
SPACED 15" O.C.

SEE DETAIL 'A'
PAGE 61-1a

1/4" PER FOOT

SECTION A-A

PLAN VIEW - NEW DRIVEWAY

NOTE:
ALL REINFORCEMENT
STEEL SHALL BE #4
REBAR EPOXY COATED

H+2"

W+2"

BAR BENDING

SECTION B-B

CITY OF RAPID CITY
PUBLIC WORKS DEPARTMENT

DATE: 5-1-07
SEC. SHT.
61-1

TYPE "C" RETAINING WALL
**GENERAL NOTES:**

1. CONCRETE FOR RETAINING WALLS SHALL BE POURED ON UNDISTURBED SOIL. ANY NECESSARY BACK FILLING SHALL BE WITH A MECHANICAL TAMPER, OR AS APPROVED BY THE ENGINEER.

2. THE CONTRACTOR MUST USE KEY JOINT WHEN THE SLAB AND THE WALL ARE POURED SEPARATELY. (SEE DETAIL 'A').

3. A 3/4" CHAMFER SHALL BE USED ON ALL EXPOSED EDGES OF THE RETAINING WALL.

4. ON VARIABLE HEIGHT WALLS THE TOP BAR SHALL BE PLACED PARALLEL TO THE TOP OF THE WALL.

5. ALL STEEL SHALL BE PLACED 2" FROM THE BACK AND BOTTOM OF THE RETAINING WALL AND SLAB.

6. ALL STEEL SHALL BE OVERLAPPED 15" AT EACH SPlice.
TOOLED JOINT SPACED TO MATCH SIDEWALK WIDTH ± MATCH CURB & GUTTER JOINT WHERE POSSIBLE

EXPANSION JOINT SPACED 100' MAX.

SLOPE 1/4" PER FOOT

5' MINIMUM MATCH EXISTING

CURB & GUTTER

TOOLED JOINT W/HOT-POURED ELASTIC SEALER OR APPROVED EQUAL

CURBSIDE SIDEWALK

ALL SIDEWALKS SHALL BE A MINIMUM OF 4" THICK 4000 PSI CONCRETE WITH A MINIMUM OF 2" OF COMPACTED CUSHION MATERIAL PLACED UNDER THE SIDEWALK

EXPANSION JOINT SPACED 100' MAX.

PROPERTY LINE

12' (TYP)

SIDEWALK AT ALLEYS SHALL BE 4000 PSI, 6" THICK & REINFORCED (SEE DETAIL 61–3)

PROPERTY LINE SIDEWALK

SIDEBORAD

4' OR MATCH EXISTING

SLOPE 1/4" PER FOOT

TOOLED JOINT SPACED TO MATCH SIDEWALK WIDTH
6" REINFORCED SIDEWALK

REINFORCED SIDEWALK SHALL BE PLACED AT ALL ENTRANCES INTO ALLEYS, PARKING LOTS, AND PROPERTY WHICH IS ZONED COMMERCIAL, LIGHT INDUSTRIAL & HEAVY INDUSTRIAL. #4 EPOXY COATED REBAR SHALL BE PLACED AS PER DETAIL AND TIED TOGETHER. TWO INCH (2") CLEARANCE SHALL BE MAINTAINED BETWEEN BOTTOM OF CONCRETE & REBAR. MINIMUM DEPTH OF GRANULAR MATERIAL PLACED UNDER REINFORCED SIDEWALK SHALL BE 4".
TOOLED OR SAWED JOINT (NEW CONSTRUCTION)

SECTION A–A — DRAINAGE INTO GUTTER

SECTION A–A — DRAINAGE FROM GUTTER TO DESIGNATED DISCHARGE LOCATION

SECTION C–C

CITY OF RAPID CITY
PUBLIC WORKS DEPARTMENT

SIDEWALK GUTTER DRAINS
(CURB SIDE SIDEWALK)

DATE: 5–1–07
SEC.  SHT.  61–4
GENERAL NOTES:

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY A COARSE BROOMING PERPENDICULAR TO THE SLOPE OF THE RAMP.

DETECTABLE WARNING PANEL SHALL BE PER SPECIFICATIONS.

CARE SHALL BE TAKEN TO ASSURE A UNIFORM GRADE ON THE RAMP, FREE OF SAGS AND SHORT GRADE CHANGES.

THE NORMAL GUTTER LINE PROFILE SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP OPENING.

CROSS SLOPES SHALL NOT EXCEED 2%.

WHEN REMOVING EXISTING CURB AND GUTTER FOR NEW RAMP CONSTRUCTION AN EXPANSION JOINT SHALL BE CONSTRUCTED PER DETAIL 60-7.

ALL RAMPS ARE REQUIRED TO HAVE A MAXIMUM 48 INCH BY 48 INCH LANDING AREA WITH NO MORE THAN A 2% SLOPE IN ANY DIRECTION.

ALL RAMPS SHALL HAVE A MAXIMUM RUNNING SLOPE OF 8.33% (1 INCH PER FT.).

OBSTRUCTIONS SUCH AS SIGNAL POLES, LIGHT POLES, TRAFFIC CONTROLLER CABINETS, ETC. CAN NOT BE LOCATED IN THE LANDING AREA OR THE RAMP SLOPE.

ENSURE THE SURFACE OF THE DETECTABLE WARNING PANEL IS CLEAN AND FREE OF RESIDUE.

JOINTS SHALL BE TOOLED INTO THE CONCRETE ADJACENT TO THE DETECTABLE WARNING PANELS TO ALLEVIATE POSSIBLE CORNER CRACKING.