UNIVERSITY OF NEVADA, RENO
TYPICAL RAMP

SHOWN WITHOUT HANDRAIL

EXISTING CONCRETE

1 1/2" MIN.

6" MIN. (TYP.)

RETURN TOP HANDRAIL EXT.
TO GUARD RAIL SUPPORT (TYP.)

Curb

ON NEW RAMPS - CURB IS MONOLITHIC WITH RAMPS.

4'-0" MAX. O.C.

1:12 RAMP MAX.

NOTE:

THE VARIANCES MUST BE APPROVED
BY FACILITIES SERVICES PRIOR TO
START OF WORK. CONTRACTOR
SHALL COMPLY WITH ALL CODES.

STANDARD MIN. 1 1/2" TO GUARD RAIL
SUPPORT (TYP.)

6" MIN.

ELASTOMERIC JOINT FILLER (TYP.) AS
REQ.'D REPAIR & LEVELING TREATMENT.

12" #4 DOWELS @ 36" O.C. EPOXY
SET INTO (E) CONC. 6" MIN.

NEW 4" MIN. CONC. RAMP SLAB
4000 PSI - 7% MIN. AIR ENTRAINED
W/ FIBER STRAND ADMIXTURE.

4" MIN. 95% COMPACTED TYPE
2 AGGREGATE BASE (TYP.)

95% COMPACTED STRUCT. FILL
OR NATIVE FILL MATERIAL AS
REQUIRED (TYP.)

4"

ON EXISTING RAMPS - CORE (N)
POST HOLES 8" DEEP & EPOXY
(N) MTL 1 1/2" POSTS.

ON EXISTING RAMPS - DOWEL &
EPOXY #4 @ 24" ON CENTER (TYP.)

ON NEW RAMPS - CURB IS
MONOLITHIC WITH RAMPS.

4000 PSI W/ 7% AIR.

NOTES:

1. HANDRAILS ARE REQUIRED AT ALL CONC. RAMPS, EACH SIDE.
2. RAMPS AND HANDRAIL SHALL MEET 2018 IBC AND UNR STANDARDS.
3. WHEN A WALKING SURFACE IS GREATER THAN 30" TO ADJACENT SURFACES A GUARD SYSTEM IS REQUIRED (REFER TO SECTION 1013 GUARDS 2012 IBC).
4. FOR GUARD HEIGHT AND GUARD OPENING LIMITATIONS REFER TO SECTION 1013 GUARDS 2018 IBC.
5. HANDRAILS, BOTH INTERIOR AND EXTERIOR WILL BE PAINTED BRONZE TO MATCH THE MEDIUM, BRONZE ALUMINUM WINDOW AND DOOR FRAMES. STAIR CONTRACTOR TO PRIME STEEL PRIOR TO DELIVERY TO JOB SITE. (REFER TO SECTION 1012 HANDRAILS 2018 IBC).
6. ANY CORING INTO EXISTING STRUCTURES REQUIRE PRIOR APPROVAL FROM FACILITIES SERVICES DEPARTMENT.
7. SPACING AND LOCATIONS OF HANDRAILS AND BRACKETS TO BE REVIEWED ON SHOP DRAWING SUBMITTALS BY FACILITIES SERVICES DEPT. BEFORE START OF WORK.
8. CONCRETE TO BE RATED AT 4000 P.S.I. WITH FIBER REINFORCING.
9. 5'-0" MIN. CLEAR (FLAT < 2% MAX. EACH DIRECTION) LANDING REQUIRED @ TOP & BOTTOM OF RAMPS.