ELEVATION - MASONRY CONSTRUCTION

FOOTING STEP DETAILS

DESIGN NOTES:
- ASME 16.5/ACI 530-08/ASCE 5-08
- Building Code Requirements for Masonry Structures
- Building Code Requirements for Masonry Structures
  - TMS 602-08/ACI 530-08/ASCE 5-08

LIVE LOAD:
- Surcharge on level ground surface
- Water 120pcf

REINFORCED CONCRETE:
- fy = 60,000 psi
- fc = 3,600 psi
- n = 8

REINFORCED MASONRY:
- fy = 60,000 psi
- fm = 1,500 psi
- n = 21

CONCRETE:
- FR: 2" CEMENT MORTAR CAP
- EX: PLACE EXPANSION JOINT AT 96'-0" C-C MAX
- PLAN
- PLACE EXPANSION JOINT AT 96'-0" C-C MAX
- FINISHED GRADE
- 6" BELOW GRADE AT 32" CENTERS FOR WEEP HOLES. FILL ALL CELLS WITH GROUT.
- OMIT MORTAR FROM VERTICAL JOINT IN FIRST COURSE ABOVE FINISHED GRADE

EXPANSION JOINT FILLER:
- 1/8" PREMOLDED EXPANSION JOINT FILLER

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

RETAINING WALL
TYPE 6 DETAILS No. 1
6'-0" MAXIMUM

B3-7