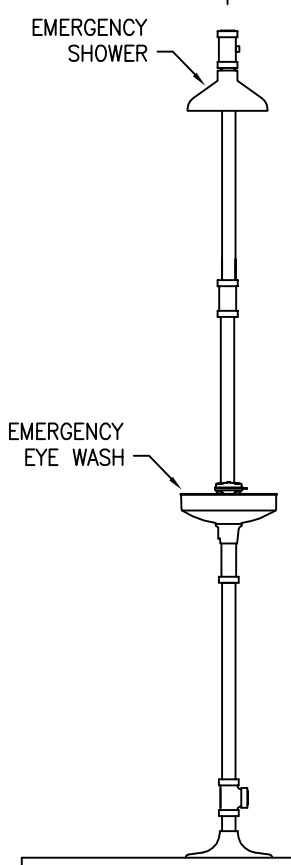

LESS THAN 36" RADIUS WET LOCATION

120/208V & 277/480V ELECTRICAL PANELS
NOT PERMITTED.

ELECTRICAL DISCONNECTS
NOT PERMITTED.

WALL SWITCHES
OUTDOOR RATED SWITCHES PERMITTED WITH WEATHERPROOF SPLASH COVERS.

RECEPTACLES
OUTDOOR RATED RECEPTACLES PERMITTED WITH WEATHERPROOF IN-USE TYPE SPLASH COVERS. CIRCUITS SHALL BE GFCI PROTECTED.

SURFACE MOUNTED RACEWAY
NOT PERMITTED.

EXPOSED CONDUIT
INSTALL CONDUIT SUITABLE FOR INDOOR WET LOCATION.

BETWEEN 36" & 72" RADIUS DAMP LOCATION

120/208V ELECTRICAL PANELS
SHIELD PANEL WITH PLEXIGLAS WIDE AND LONG ENOUGH TO EXTEND 4" PAST PANEL TOP, BOTTOM AND SIDES. ENCLOSURE SHALL BE RATED FOR OUTDOOR USAGE.

277/480V ELECTRICAL PANELS
NOT PERMITTED.

ELECTRICAL DISCONNECTS
SHIELD DISCONNECT WITH PLEXIGLAS WIDE AND LONG ENOUGH TO EXTEND 4" PAST DISCONNECT TOP, BOTTOM AND SIDES. ENCLOSURE SHALL BE RATED FOR OUTDOOR USAGE.

WALL SWITCHES
OUTDOOR RATED SWITCHES WEATHERPROOF COVERS. CIRCUITS SHALL BE GFCI PROTECTED.

RECEPTACLES
OUTDOOR RATED RECEPTACLES PERMITTED WITH WEATHERPROOF COVERS. CIRCUITS SHALL BE GFCI PROTECTED.

SURFACE MOUNTED RACEWAY
OUTDOOR RATED SURFACE RACEWAY PERMITTED. RECEPTACLE DEVICES SHALL HAVE WEATHERPROOF COVERS. CIRCUITS SHALL BE GFCI PROTECTED.

EXPOSED CONDUIT
INSTALL CONDUIT SUITABLE FOR INDOOR DAMP LOCATION.

GREATER THAN 72" RADIUS DRY LOCATION

ALL ELECTRICAL PANELS
NO ACTION REQUIRED

ELECTRICAL DISCONNECTS
NO ACTION REQUIRED

WALL SWITCHES
NO ACTION REQUIRED

RECEPTACLES
NO ACTION REQUIRED

SURFACE MOUNTED RACEWAY
NO ACTION REQUIRED

EXPOSED CONDUIT
NO ACTION REQUIRED

NOTES:

1. ONLY QUALIFIED ELECTRICIANS SHALL INSTALL GFCI RECEPTACLES AND CIRCUIT BREAKERS.
2. DISTANCES ARE MEASURED FROM THE CENTER OF THE SHOWER HEAD OR THE CENTER OF THE EYE WASH STATION.
3. SEE LBNL CONSTRUCTION DETAIL P102 FOR MECHANICAL INSTALLATION DETAILS.
4. ELECTRICAL DEVICES NOT REFERENCED SHALL REQUIRE LBNL APPROVAL.

PROFESSIONAL SEAL
(IF REVISION, APPLIES ONLY TO REVISED WORK)

ISSUE (PROGRESS, ESTIMATE, BID, CONSTRUCTION, CONFORMED, REVISION, RECORD)

ELECTRICAL REQUIREMENTS FOR DEVICES ADJACENT TO EMERGENCY EYE WASH SHOWERS

UNIVERSITY OF CALIFORNIA
LAWRENCE BERKELEY NATIONAL LABORATORY
FACILITIES DIVISION

DRAWN BY DAB	DATE 09/07/2012	
CHECKED BY DAB	09/07/2012	
APPROVED BY MCD	09/11/2012	
SCALE NTS		
DRAWING NO. INS127		SHEET
PROJECT NO.		