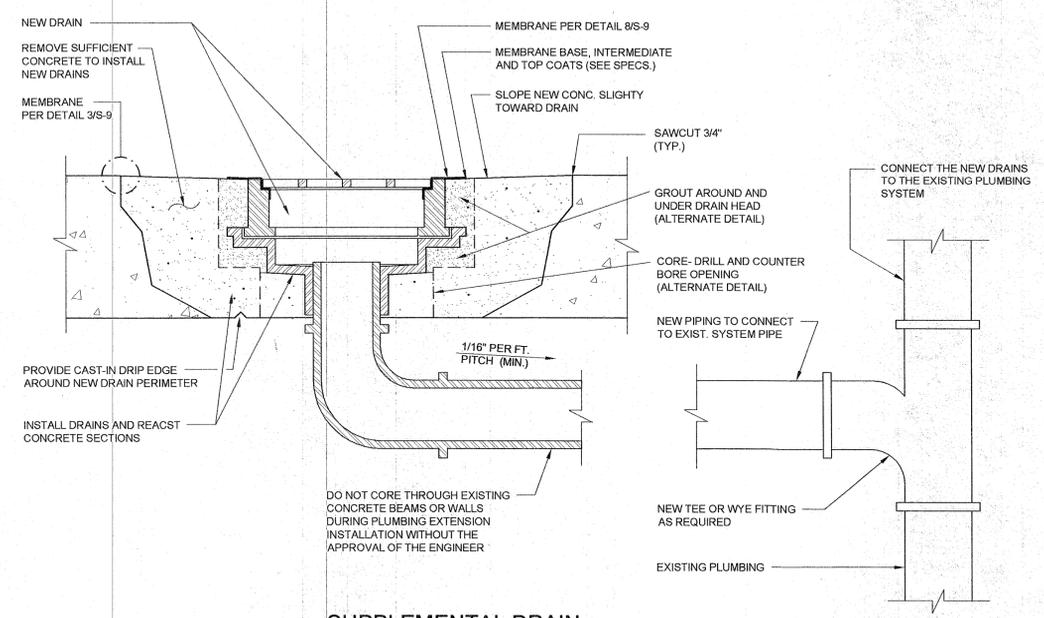
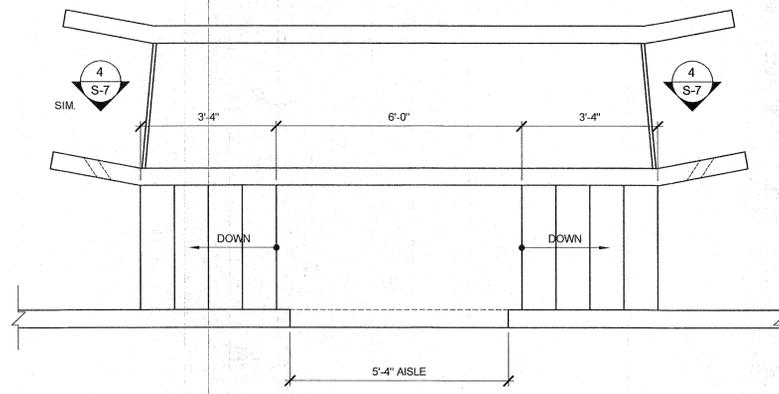


1
S-7
BALCONY FRONT AISLE
PLAN VIEW
SCALE: 1" = 20'-0"

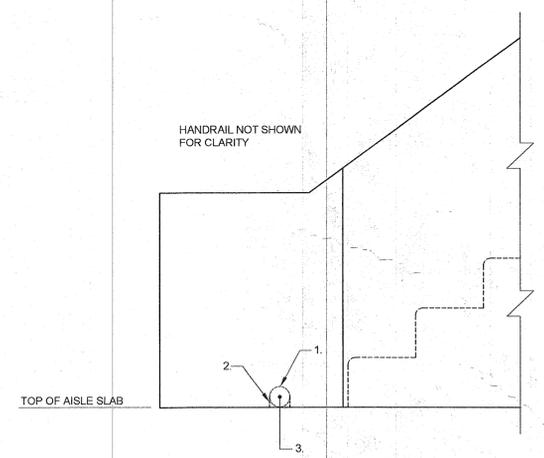
- LEGEND:**
- EXISTING DRAIN LOCATION, V.I.F.
 - ⊕ NEW DRAIN LOCATION, V.I.F.
- SUGGESTED LOCATION SHOWN, LOCATE DRAIN AT LOW POINT AND ADJUST SURROUNDING AREAS USING MEMBRANE BUILDUP OR GRINDING CONCRETE SWAILS, AS REQUIRED. DO NOT LOCATE DRAIN OVER RAKER BEAMS.
- SCOPE OF WORK - SHEET S-7:**
1. INSTALL NEW DRAINS PER DETAIL 2/S-7 AT LOCATIONS SHOWN IN 1/S-7. CONNECT NEW DRAINS TO EXISTING DRAIN PIPES.
 2. ADDRESS AREAS OF PONDING IN THE BALCONY FRONT AISLE BY:
 - GRINDING A SWAIL IN THE CONCRETE SLAB NEAR THE PONDED AREA TO ALLOW WATER TO DRAIN TOWARD AN EXISTING OR PROPOSED DRAIN LOCATION.
 - BUILDING UP THE ELEVATION OF THE PONDED AREA USING MEMBRANE BASE LAYER TO ALLOW WATER TO DRAIN TOWARD AN EXISTING OR PROPOSED DRAIN LOCATION.
 3. SCARIFY THE SCALED VOMITORY SLAB SURFACE IN SECTION 130. INSTALL CONCRETE OVERLAY WITH SLOPE TOWARD DRAIN, PRIOR TO MEMBRANE INSTALLATION, SEE SPEC.
 4. INSTALL WEEP HOLES IN SE AND SW AISLE WALLS PER DETAILS 3/S-7 AND 4/S-7.
 5. CLEAN ALL EXISTING BALCONY DRAINS IN EAST, WEST, SE AND SW TO ENSURE PROPER DRAINAGE. TAKE PRECAUTION TO ENSURE DRAIN GRATES CAN BE EASILY REMOVED FOR FUTURE MAINTENANCE.
 6. REPLACE BROKEN DRAIN GRATES OF EXISTING DRAINS THROUGHOUT EAST, WEST, SE AND SW BALCONIES.
 7. REPLACE ALL EXISTING ROW "A" DRAIN GRATES (ADJACENT TO VOMITORY SIDE WALLS) WITH ROOF-TYPE GRATES, SEE SPEC.
- NOTE:** SEE SHEET S7-B FOR SURVEY DATA SHOWING HIGH AREAS, LOW AREAS, AND EXISTING DRAIN LOCATIONS. THIS INFORMATION MAY BE USED TO DETERMINE AREAS OF MEMBRANE BUILD-UP OR GRINDING SWAILS IN CONCRETE TO PERMIT WATER TO FLOW TO DRAIN LOCATIONS.



2
S-7
SUPPLEMENTAL DRAIN
INSTALLATION AT STRUCTURAL SLAB
SCALE: N.T.S.



3
S-7
PLAN - TYPICAL FRONT ALLEY STAIR
SCALE: 1/2" = 1'-0"



4
S-7
SCUPPER DETAIL AT AISLE WALL
SCALE: 1" = 1'-0"

- SCOPE OF WORK - DETAIL 4/S-7:**
1. CORE 3" DIA. - HOLE THROUGH AISLE WALL AT A LOCATION TO ALLOW TRAPPED WATER TO DRAIN. DO NOT CUT EXISTING REINFORCING IN WALL WITHOUT APPROVAL OF ENGINEER.
 2. CHIP EACH SIDE OF CORE HOLE TO CREATE A SMOOTH VERTICAL SURFACE.
 3. INSTALL NEW MEMBRANE SYSTEM INSIDE AND AROUND CORE HOLE.

