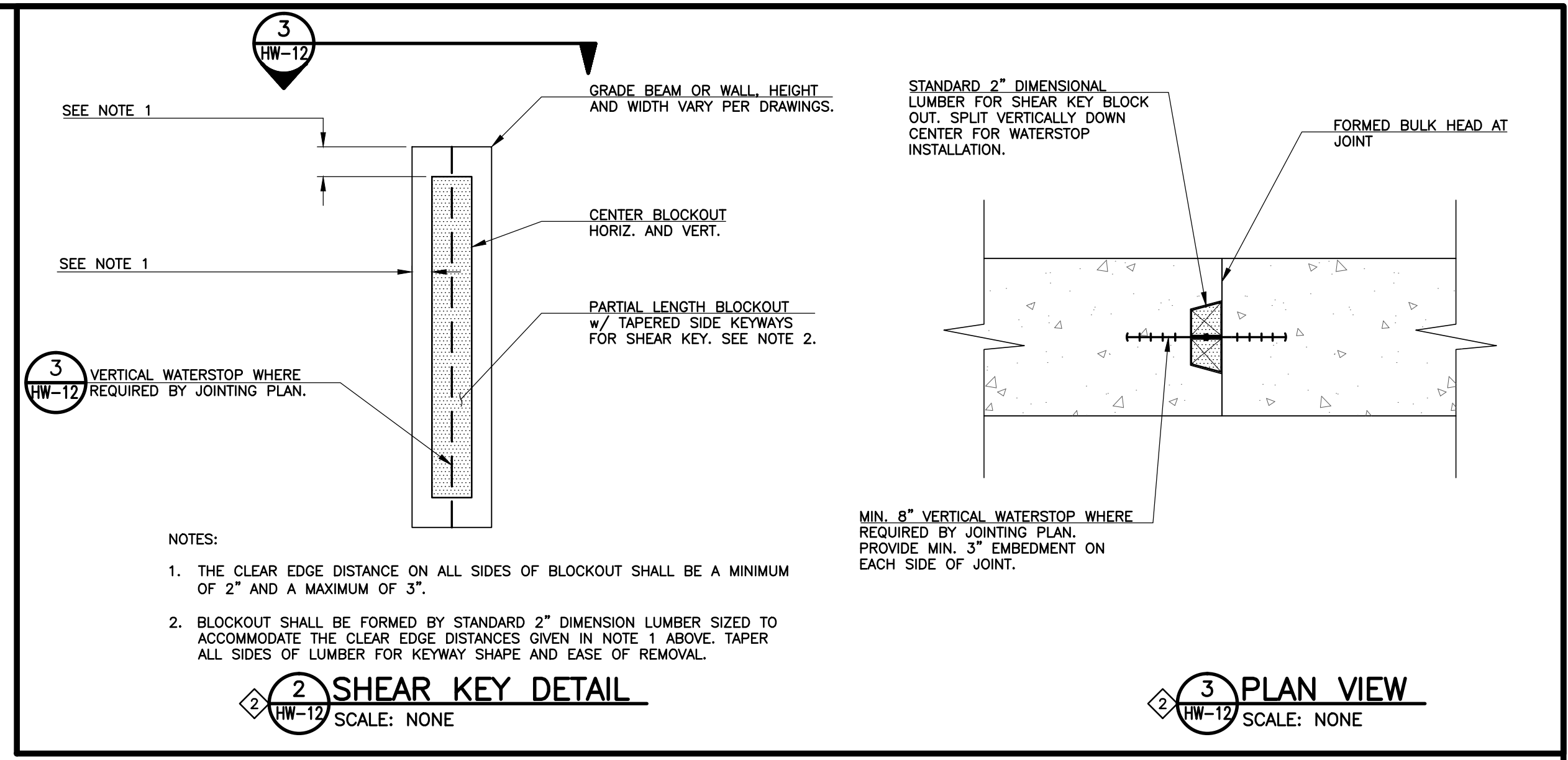


**1 HEADWORKS BUILDING JOINTING PLAN**  
 HW-12 SCALE: 1" = 5'



- NOTES:
1. THE CLEAR EDGE DISTANCE ON ALL SIDES OF BLOCKOUT SHALL BE A MINIMUM OF 2" AND A MAXIMUM OF 3".
  2. BLOCKOUT SHALL BE FORMED BY STANDARD 2" DIMENSION LUMBER SIZED TO ACCOMMODATE THE CLEAR EDGE DISTANCES GIVEN IN NOTE 1 ABOVE. TAPER ALL SIDES OF LUMBER FOR KEYWAY SHAPE AND EASE OF REMOVAL.

**2 SHEAR KEY DETAIL**  
 HW-12 SCALE: NONE

**3 PLAN VIEW**  
 HW-12 SCALE: NONE

- NOTES:
1. **A** = KEYED WALL CONSTRUCTION JOINT WITH MIN. 8" CONTINUOUS WATERSTOP
  2. **B** = KEYED WALL CONSTRUCTION JOINT WITHOUT WATERSTOP
  3. **C** = KEYED SLAB CONSTRUCTION JOINT WITH MIN. 6" CONTINUOUS WATERSTOP
  4. **D** = KEYED SLAB CONSTRUCTION JOINT WITH 1" DIAMETER x 24" LONG SMOOTH DOWELS AT 18" O.C., MAX. 6" FROM END OF JOINT, OILED ON ONE SIDE, CENTERED ACROSS JOINT. PRIMARY REINFORCING TO BE DISCONTINUOUS ACROSS JOINT. HOLD BACK SMOOTH DOWELS MORE THAN 6" AT CORNERS TO AVOID CONFLICTS. HOLD BACK DOWELS ON TWO OPPOSING SIDES OF EACH PANEL BETWEEN JOINTS AND ALTERNATE THOSE SIDES IN CHECKERBOARD FASHION ACROSS PANELS.
  5. **CJ** = TOOLED OR SAWCUT SLAB CONTROL JOINT
  6. **EJ** = EXPANSION JOINT, CONCRETE AND REINFORCING TO BE DISCONTINUOUS ACROSS JOINT, SEPARATED BY 1/2" THICK EXPANSION MATERIAL.
  7. ALL JOINTS SHALL HAVE SEALANT INSTALLED ON EXPOSED SIDES OF JOINT.
  8. SEALANT USED INSIDE THE BUILDING SHALL BE SUITABLE FOR USE IN AN ENVIRONMENT CONTAINING HYDROGEN SULFIDE.
  9. AREAS TO RECEIVE THE CHANNEL LINING/COATING SYSTEM SHALL HAVE THE JOINT SEALANT INSTALLED AFTER THE LINING/COATING SYSTEM HAS BEEN APPLIED.
  10. ALL KEYED WALL JOINTS SHALL BE CONSTRUCTED ACCORDING TO THE SHEAR KEY DETAIL GIVEN ON THIS SHEET.

REVISIONS		
NO.	DATE	DESCRIPTION
1	04/08/2011	ISSUED FOR PREPARATION OF CMO
2	05/17/2011	ISSUED FOR PREPARATION OF CMO
3	06/20/2011	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PFRBD (HEADWORKS BUILDING)
4	08/05/2011	ISSUED FOR CONSTRUCTION PER PFRBD BUILDING PERMIT #88510 (HEADWORKS BLDG)

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**JOINTING PLAN**

**HAROLD D. THOMPSON REGIONAL WATER RECLAMATION FACILITY**  
 LOWER FOUNTAIN METROPOLITAN SEWAGE DISPOSAL DISTRICT

DRAWN SKC/MAM	CHECKED MAM/RJS	DATE 2010
PROJECT NO. 20166_352	GMS FILE NO. 2599	

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SHEET  
**HW-12**  
 OF  
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