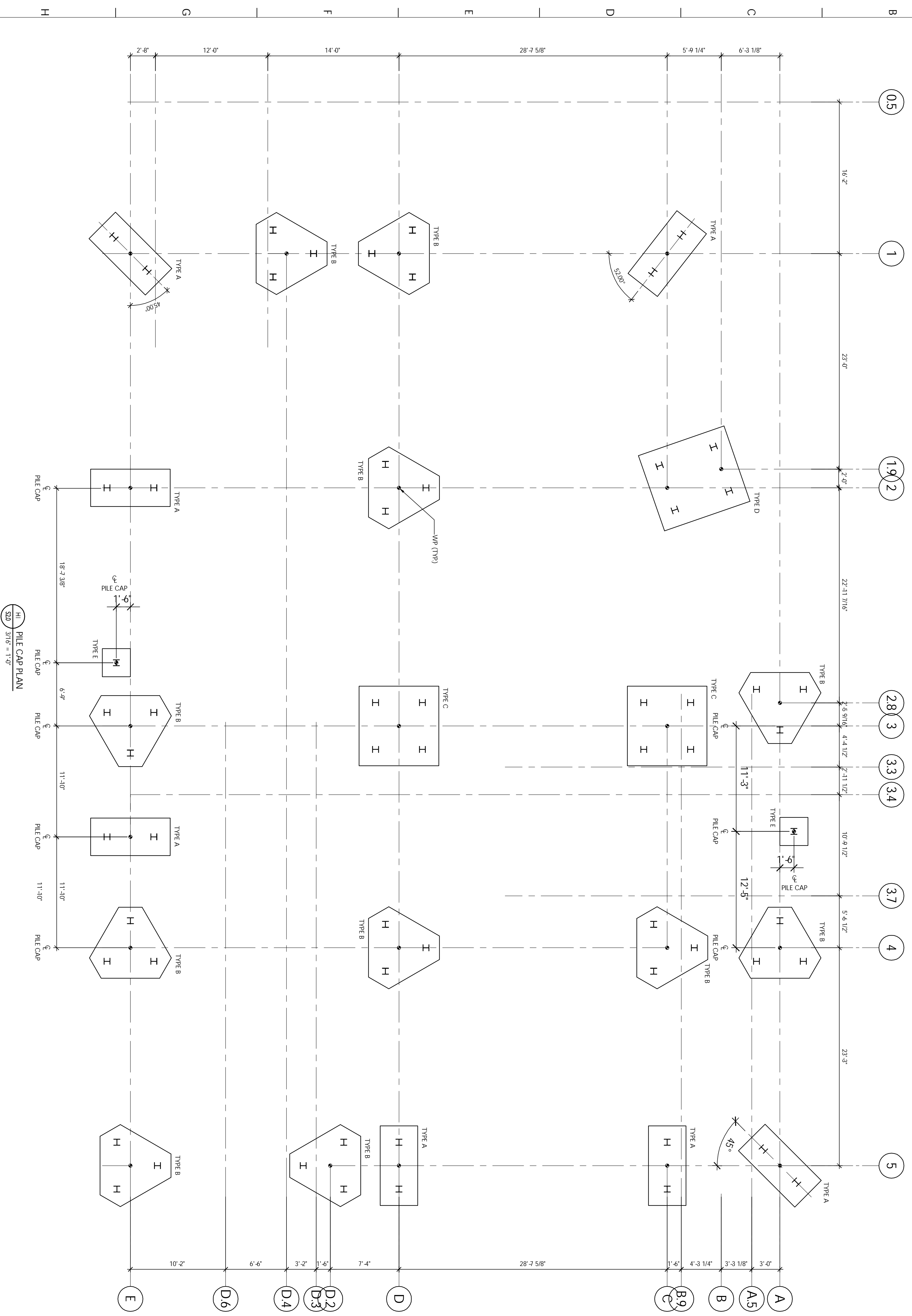


PRELIMINARY
NOT FOR CONSTRUCTION

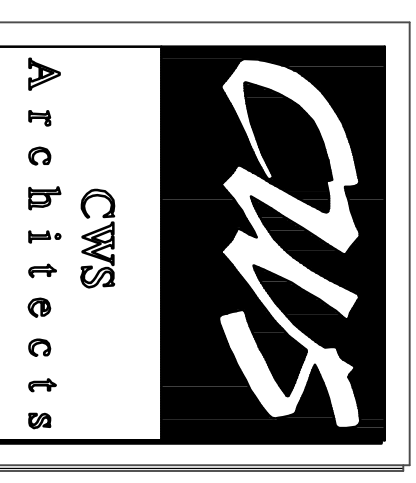
UNDER NO CIRCUMSTANCES
SHALL THIS DRAWING BE USED
TO DEVELOP SHOP DRAWINGS
OR FABRICATE NEW MATERIALS.



(H) PILE CAP PLAN
SD 3/16" = 1'-0"

NOTES:

1. All piles shall be HP-12 x 74 (fy = 50 ksi). Piles shall be oriented (with respect to pile strong axis) and located as shown on Pile Layout Plan. See individual pile cap plans for pile locations relative to pile cap centerline.
2. See Geotechnical Report dated September, 2005 and supplemental pile criteria dated 11/2/05 and 11/4/05 prepared by Summit Geotechnical Services for additional information and requirements.
3. All piles are designed as bearing piles and shall be driven to refusal. Typical Refusal shall be defined as 14 to 17 blows per inch at pile top. It is estimated that refusal will occur at approximately 95 to 98 feet below existing grade.
4. To identify a specific pile for pile records, indicate pile cap gridline location followed by compass location (north, south, east, west) on pile cap.
5. See Project Specifications for additional requirements.
6. See pile cap plans and typical details for dimensions, reinforcement, and typical splice and other requirements.
7. The contractor shall provide a pile inspector who will maintain a written and accurate log during pile installation (see specification). Log will be reviewed by owner's geotechnical engineer throughout pile installation. Provide copy of log to engineer after piles are installed.
8. Locations of pile cap centerlines shall be field located by licensed surveyor retained by the General Contractor prior to pile driving.
9. Piles shall be driven in such a manner that prevents damage to existing foundations and existing buildings.
10. All aggregate beams and pile caps shall be constructed on 6" layer of crushed stone.
11. Fill adjacent to grade beams and pile caps shall be Transition Bedfill compacted to 95% of its maximum dry density as determined by ASTM D1557.
12. Establish temporary benchmarks on individual piles to check for potential heave during driving of adjacent piles.
13. Compression load tests shall be conducted in accordance with ASTM D3945 and the recommendations of the owner's geotechnical engineer. The test is required at one pile within the pile cap group located at grid D3.
14. Tops of driven piles shall be cut back so as to provide sound material before capping.
15. Top of pile cap elevation shall be EL. 95.50 (4'-6" below finish floor). Typical at all pile caps.



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**MULTI-TENANT
OFFICE BUILDING**

MARGINAL WAY
PORTLAND, MAINE
04101

Owner:
**BAYSIDE
HOLDINGS, LLC**
50 PORTLAND PIER
SUITE 400
PORTLAND, MAINE
04101

REVISIONS:	
Description:	Date:
Issued for Permit Only	11/11/05
CAD Filename:	
CWS/Marginal Way/PILE PLAN / S2.0	

Drawing Title:
PILE CAP PLAN

Scale: 3/16" = 1'-0"
Date: 10/25/05
PSE Proj. No.: 127-05

S2.0

Drawing Number: