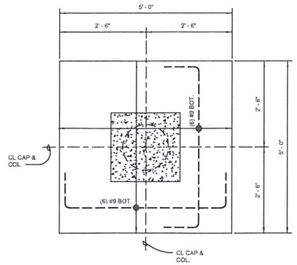
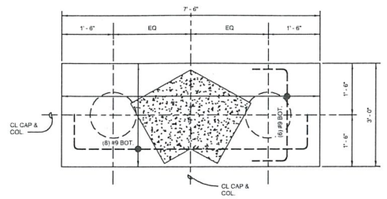


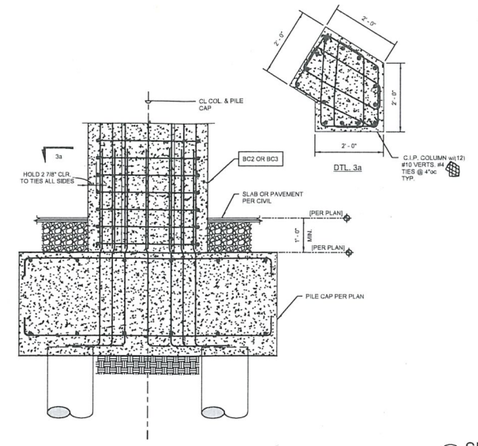
DEPTH OF PILE CAP = 36"

1 PILE CAP DETAIL (PC-1) AT BRIDGE
3/4" = 1'-0"

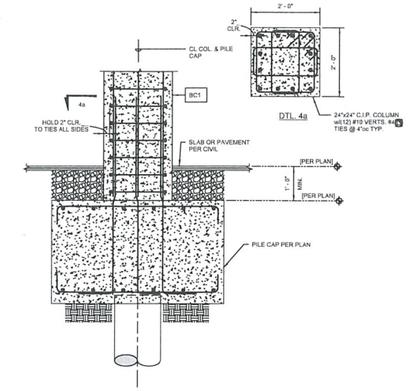


DEPTH OF PILE CAP = 42"

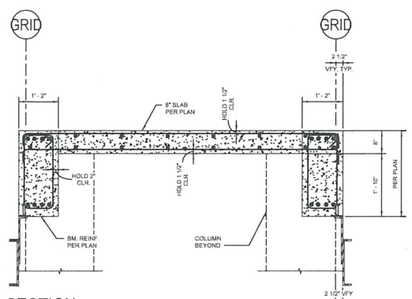
2 PILE CAP DETAIL (PC-2) AT BRIDGE
3/4" = 1'-0"



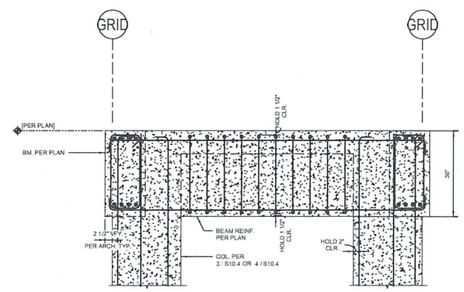
3 SECTION
3/4" = 1'-0"



4 SECTION
3/4" = 1'-0"



5 SECTION
3/4" = 1'-0"

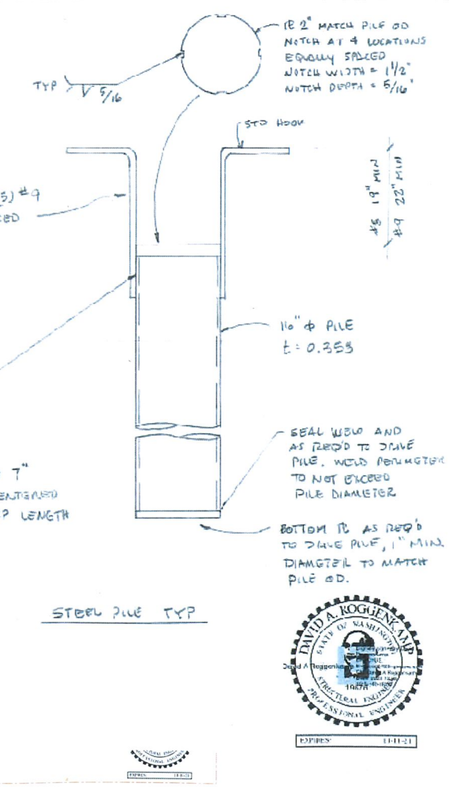


6 SECTION
3/4" = 1'-0"

RSE
ROGGENKAMP STRUCTURAL ENGINEERS, PC
360 574 4030 Office
PO Box 65489
Vancouver, WA 98665

COSTCO ISSAQUAH	DEC 8, 2020
SKYBRIDGE TO BUILDING 3	DIL
PILES	SHEET NUMBER: 2 OF 2 SKETCH

XBX3/8 @ 6'-0"oc
LSON STUDS



STEEL PILE TYP

7 S
3

RS
Rod
STR
ENG
360 574 4030 Office
PO Box 65489
Vancouver, WA 98665

COSTCO ISSAQUAH	DEC 8, 2020
SKYBRIDGE TO BUILDING 3	DIL
PILES	SHEET NUMBER: 1 OF 2 S

STEEL PIPE PILE NOTES

1. The pile depicted herein has been designed for, and is to be installed by, DeWit Construction.
2. Pile design loads are not indicated on the construction drawings. Pile is designe for the following allowable loads that are indicated in the Geotechnical Engineer Report by Kleinfelder, Inc., dated December 6, 2018. No other loads are considered.
   a. Compression: 300k
   b. Tension: 90k
3. Number of and location of piles are by others and have not been reviewed.
4. Pile cap design and dimensions are by others and have not been reviewed.
5. Geotechnical design capacity and driving criteria are per Kleinfelder, Inc., the Geotechnical Engineer of Record.
6. Materials:
   a. Pipe pile: Minimum Fy = 54 ksi
   b. Plates: Minimum Fy = 36 ksi
   c. Reinforcing steel: A706, Grade 60
   d. Welding: per AWS
7. Top plate must bear adequately on pile to propery transfer load. Mating surfac must be smooth and free of irregularities.
8. Bottom plate is not structural, but rather, is required to keep materials out of the pile interior during and after driving. Thus, the plate is seal welded to the pile. T indicated plate minimum thickness is to be increased if necessary.
9. If the details indicated herein must be revised for any reason, contact RSE for evaluation.

15 TYP. PILE & PILE CAP DETAIL AT BRIDGE
3/4" = 1'-0"

COSTCO WHOLESALE
755 Lake Dr, Issaquah
WA 98027

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Engineers Northwest Inc., P.S.
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Ph: (206)525-7360, Fax: (206)522-6698
www.engineersnw.com

1101 Second Ave, Ste 100
Seattle, WA 98101
206 962 6500
MG2.com

SKYBRIDGE
PERMIT
REVISION
RVN01 -R1

02-05-2021

APPROVED
CITY OF ISSAQUAH
Reviewed for Code Compliance

REVIEWED
February 16, 2021
Reviewed by: DBeck
BECK & ASSOCIATES, PLLC

DATE SIGNED: 02-05-2021

△	DATE	DESCRIPTION
4	05-31-19	BID SET ADDENDA "B"
S1	07-01-19	SKYBRIDGE COMMENTS #01
S2	08-28-19	SKYBRIDGE COMMENTS #02
S3	12-20-19	SKYBRIDGE COMMENTS #03
S4	02-13-20	SKYBRIDGE COMMENTS #04
22	03-19-20	PR-B8
S5	07-10-20	SKYBRIDGE COMMENTS #05
S6	01-08-21	SKYBRIDGE PERMIT RVN01
36	01-20-21	PR-B21
S7	02-05-21	SKYBRIDGE PERMIT RVN01-R1

16038004
PM: C. RUIZ
DRAWN BY: C. HUH
11/14/18

BRIDGE DETAILS

S10.4

2/4/2021 12:01:01 PM BIM 360://COST-Costco Campus Parking Garage-15-0035-03S-16038_PARKING GARAGE S_R18_CENTRAL.rvt