

# NORTH BEACH WATER DISTRICT

PACIFIC COUNTY

WASHINGTON

## SOUTH WELLFIELD - EXISTING WTP BUILDING MODIFICATIONS

### NORTH BEACH WATER DISTRICT

2212 272<sup>ND</sup> STREET  
POST OFFICE BOX 618  
OCEAN PARK, WA 98640

PHONE NO. (360) 665-4144

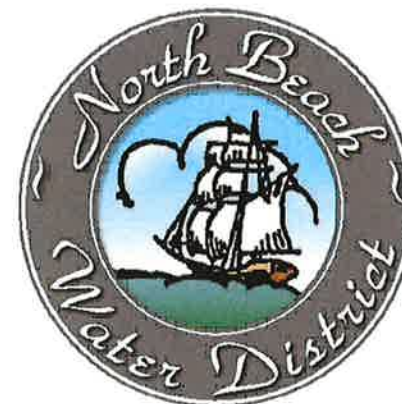
### NBWD OFFICIALS

BRIAN SHELDON  
GWEN BRAKE  
GLENN RIPLEY  
WILLIAM NEAL  
JACK McCARTY  
JONATHAN FLEMING  
DENNIS SCHWEIZER

COMMISSIONER-POSITION 1  
COMMISSIONER-POSITION 2  
COMMISSIONER-POSITION 3  
GENERAL MANAGER  
OFFICE MANAGER  
FIELD SUPERVISOR  
TREATMENT PLANT OPERATOR

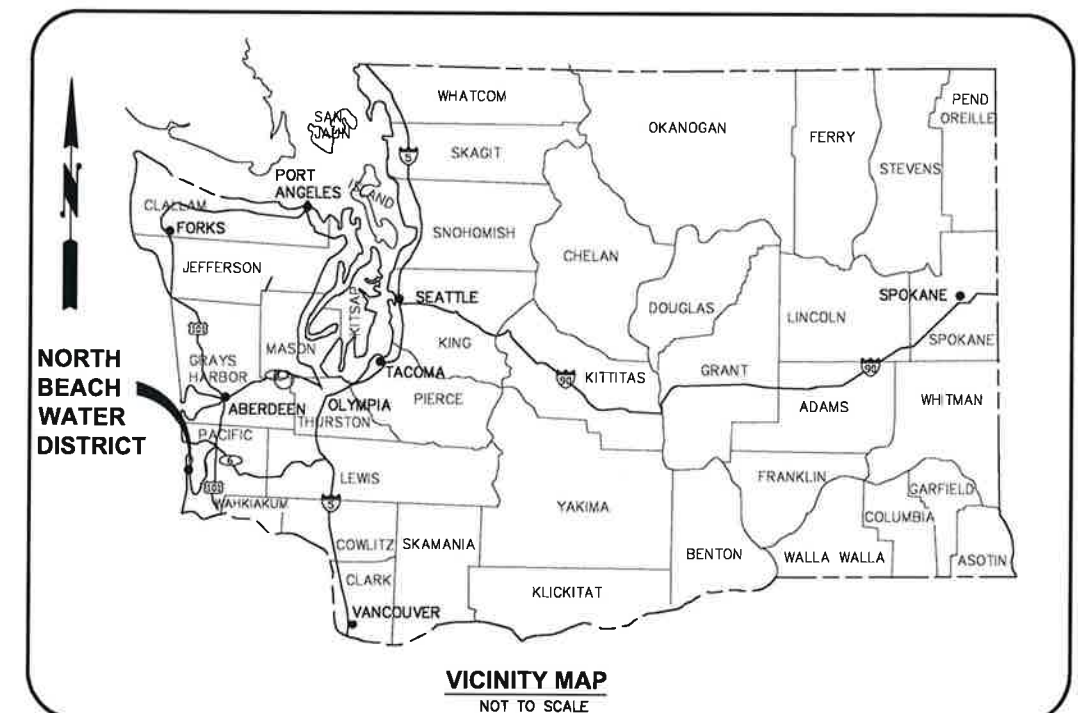
### CONTACT INFORMATION

NAME	AGENCY	PHONE No.
WILLIAM NEAL	NBWD MANAGER	(360) 665-4144
JOE PLAHUTA	GRAY & OSBORNE, INC.	(360) 292-7481



MARCH 2018  
G&O NO. 17298.01

  
**Gray & Osborne, Inc.**  
CONSULTING ENGINEERS  
2102 CARRIAGE DRIVE SW, BLDG. 1,  
OLYMPIA, WASHINGTON 98502 (360) 292-7481



VICINITY MAP  
NOT TO SCALE



### DATUM

HORIZONTAL DATUM: NAD 83 [07]  
VERTICAL DATUM: NGVD 88

M:\North Beach WD\17298 2018 Capitol Improvements\Task 1 - SWF Building\Planset\General\LEGEND.dwg, 5/9/2018 2:06 PM, EDWARD HAMMOND

ABBREVIATIONS

AVE	AVENUE
AC	ASBESTOS CEMENT PIPE
ADJ	ADJUST
ALT	ALTERNATE
ALUM	ALUMINUM
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AP	ANGLE POINT
ASPH	ASPHALT
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
ASSY	ASSEMBLY
BF	BLIND FLANGE
BLDG	BUILDING
BLK	BLOCK
BO	BLOW OFF
BOP	BEGINNING OF PROJECT
BVCE	BEGIN VERTICAL CURVE ELEVATION
BVCS	BEGIN VERTICAL CURVE STATION
CTR	CENTER
CAP	CORRUGATED ALUMINUM PIPE
CB	CATCH BASIN
CI	CAST IRON
CL	CENTER LINE
CLR	CLEARANCE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
C	CONDUIT
CONN	CONNECTION
CONT	CONTINUOUS
CPEP	CORRUGATED POLYETHYLENE PIPE
CPLG	COUPLING
CY	CUBIC YARD
CONT	CONTINUED
CL	CLASS
CF	CUBIC FEET
CFS	CUBIC FEET PER SECOND
DC	DEGREE OF CURVATURE
DI	DUCTILE IRON
DIA	DIAMETER
DOT	DEPARTMENT OF TRANSPORTATION
DIM	DIMENSION
DWGS	DRAWING(S)
D	DRAIN
E	EAST
EA	EACH
EL	ELEVATION
ELEC	ELECTRICAL
EOA	EDGE OF ASPHALT
EOP	END OF PROJECT
EVCE	END VERTICAL CURVE ELEVATION
EVCS	END VERTICAL CURVE STATION
EXIST	EXISTING
FIG	FIGURE
FIN	FINISHED
FL	FLANGE
FT	FEET
GA	GAUGE
GALV	GALVANIZED
GI	GALVANIZED IRON
GV	GATE VALVE
HDPE	HIGH DENSITY POLYETHYLENE PIPE
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
INV	INVERT
IN	INCH
L	LENGTH
LB	POUND
LF	LINEAR FEET
MAX	MAXIMUM
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MJ	MECHANICAL JOINT
MISC	MISCELLANEOUS
N	NORTH
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
PI	POINT OF INTERSECTION
PP	POWER POLE
PVI	POINT OF VERTICAL INTERSECTION
PE	PLAIN END
PERF	PERFORATED
PVC	POLYVINYL CHLORIDE
PVM	PAVEMENT
PVT	POINT OF VERTICAL TANGENT
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
QTY	QUANTITY
RET	RETAINING
RR	RAILROAD
R	RADIUS
RED	REDUCER
REINF	REINFORCE
REQD	REQUIRED
R/W	RIGHT-OF-WAY
SL	SLOPE
S	SOUTH
SCH	SCHEDULE
SF	SQUARE FEET
SHT	SHEET
SPECS	SPECIFICATIONS
SQ	SQUARE
STA	STATION
STD	STANDARD
TB	THRUST BLOCK
TC	TOP OF CURB
TEL	TELEPHONE
TESS	TEMPORARY EROSION AND SEDIMENT CONTROL
THRD	THREADED
THRU	THROUGH
TYP	TYPICAL
VERT	VERTICAL
W	WEST
WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
W/	WITH
W/O	WITHOUT

LINETYPES

EXISTING	PROPOSED	DESCRIPTION
SURFACE FEATURES		
		CURB (TYPE AS NOTED)
		CURB & GUTTER
		ASPHALT PAVEMENT
		GRAVEL SURFACING
		CONCRETE SURFACING
		CEMENT CONC. SIDEWALK
		PAVEMENT PLANING
		FENCE/RAILING (TYPE AS NOTED)
		FENCE WITH GATE
		SHRUB/TREE/VEGETATION LINE
SURVEY		
		RIGHT-OF-WAY LINE
		CENTERLINE OF RIGHT-OF-WAY
		CENTERLINE OF CONSTRUCTION
		PROPERTY LINE
		PERMANENT EASEMENT LINE
		CONTOUR LINE
		SAWCUT LINE (APPROXIMATE LOCATION)
UTILITIES		
		BURIED ELECTRICAL
		WATER MAIN (SIZE AS NOTED)
		DITCH CENTERLINE/THALWEG

WATER SYMBOLS

EXISTING	DESCRIPTION
	CAP/PLUG
	COUPLING/ADAPTOR
	REDUCER
	THRUST BLOCK
	TEMPORARY THRUST BLOCK
	WATER METER
	WELL
	WATER VAULT (SIZE VARIES)
FIRE HYDRANT	
	FIRE HYDRANT (3--NOZZLE)
JOINTS	
	MECHANICAL JOINT
VALVES	
	AIR RELIEF VALVE
	BLOW-OFF VALVE
	GATE VALVE

GAS/POWER/TELEPHONE SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		PAD MOUNT TRANSFORMER
		POWER VAULT (SIZE VARIES)
		TRANSMISSION TOWER
		UTILITY POLE
		UTILITY POLE ANCHOR
		UTILITY PEDESTAL

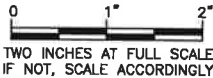
SURVEY SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		CONTROL POINT
		MONUMENT (IN CASE)
		MONUMENT (SURFACE)
		BENCH MARK
		BOUNDARY/PROPERTY CORNER
		IRON PIPE
		SOIL BORING/TEST PIT
		OWNERSHIP TIE
		SECTION CENTER CORNER
		SECTION CORNER
		QUARTER CORNER
		SIXTEENTH CORNER
		CLOSING CORNER
		MEANDER CORNER
		WITNESS CORNER
		TAX LOT/PARCEL NUMBER

SURFACE FEATURES/LANDSCAPING

EXISTING	PROPOSED	DESCRIPTION
		BUILDING
		APPROXIMATE DOORWAY LOCATION
		BUILDING EAVES
		SHRUB
		TREE (CONIFER)
		TREE (DECIDUOUS)

SHEET INDEX	
Sheet Number	Sheet Title
General	
G-1	SYMBOL LEGEND, ABBREVIATIONS AND INDEX
G-2	PROJECT LOCATION MAP
G-3	EXISTING SITE PLAN
G-4	PROPOSED SITE PLAN
Architectural	
A-1	FLOOR PLAN AND DOOR SCHEDULE
A-2	BUILDING ELEVATIONS
A-3	BUILDING SECTIONS
Structural	
S-1	GENERAL STRUCTURAL NOTES
S-2	TYPICAL STRUCTURAL DETAILS
S-3	DEMOLITION PLAN
S-4	FOUNDATION PLAN
S-5	ROOF FRAMING PLAN
S-6	STRUCTURAL SECTIONS AND DETAILS



DATE: MAR 2018	SCALE: NOTED	CDG	PTG	JMP
DRAWN:	CHECKED:	APPROVED:		

	DATE	APPD
	REVISION	
	No.	



NORTH BEACH WATER DISTRICT  
PACIFIC COUNTY WASHINGTON  
SOUTH WELLFIELD - EXISTING WTP  
BUILDING MODIFICATIONS  
SYMBOL LEGEND, ABBREVIATIONS AND INDEX

SHEET: G-1

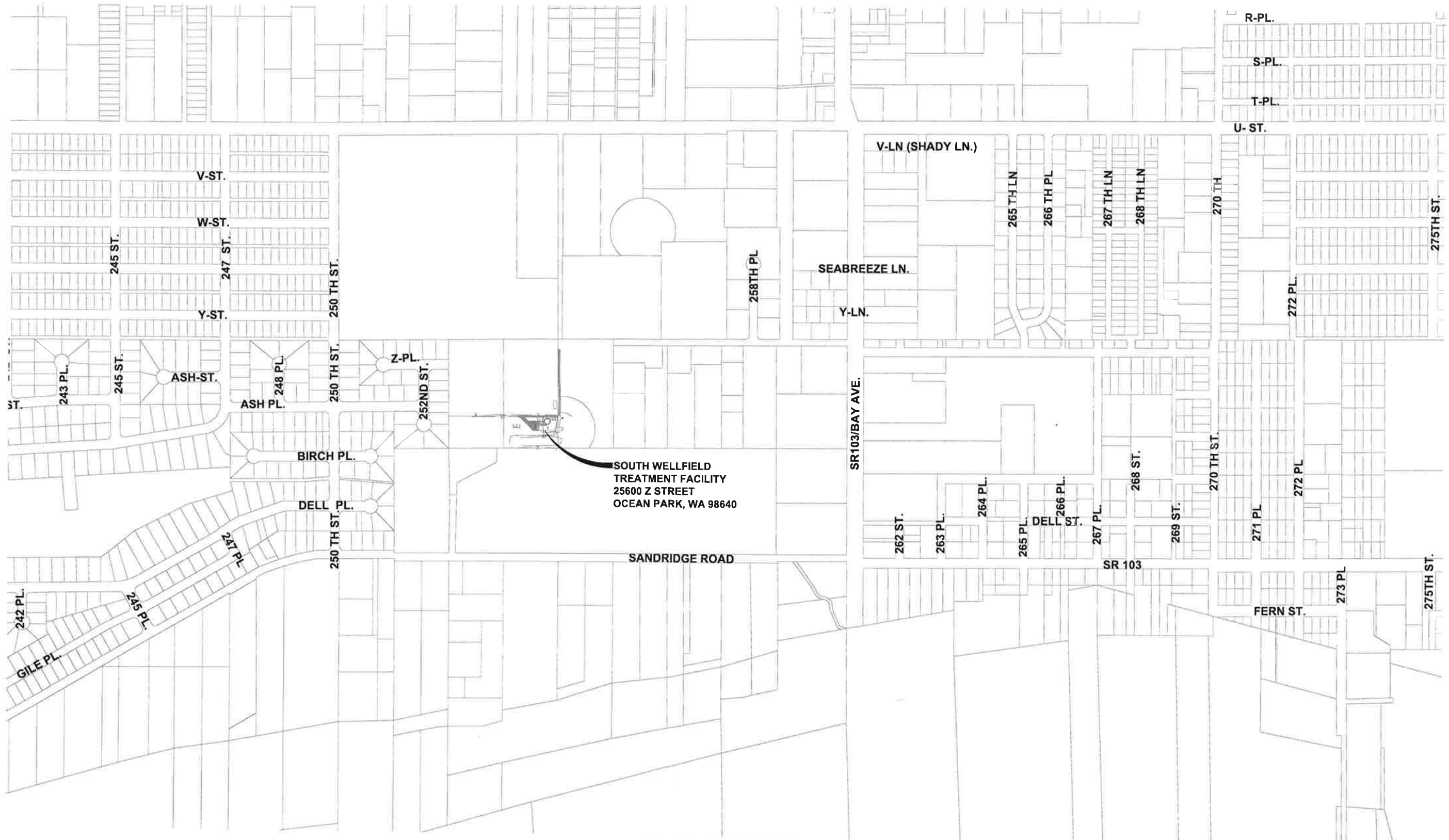
OF: 4

JOB NO.: 17298.01

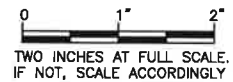
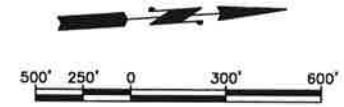
DWG: LEGEND

THE RIGHT-OF-WAY AND/OR PROPERTY LINE SHOWN HEREON ARE BASED ON AVAILABLE INFORMATION, NOT ON A SURVEYED LOCATION AND ARE ONLY APPROXIMATE.

THE RIGHT-OF-WAY AND/OR PROPERTY LINE SHOWN HEREON ARE BASED ON AVAILABLE INFORMATION, NOT ON A SURVEYED LOCATION AND ARE ONLY APPROXIMATE.



**PROJECT LOCATION MAP**  
SCALE: 1"=300'-0"



**Gray & Osborne, Inc.**  
CONSULTING ENGINEERS  
2102 CARRIAGE DRIVE SW. BLDG. 1  
OLYMPIA, WA 98502 • (360) 292-7481

DATE: MAR 2018	
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DRAWN:	CDG
CHECKED:	PTG
APPROVED:	JMP

No.	REVISION	DATE	APPD



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**PACIFIC COUNTY WASHINGTON**  
**SOUTH WELLFIELD - EXISTING WTP**  
**BUILDING MODIFICATIONS**  
**PROJECT LOCATION MAP**

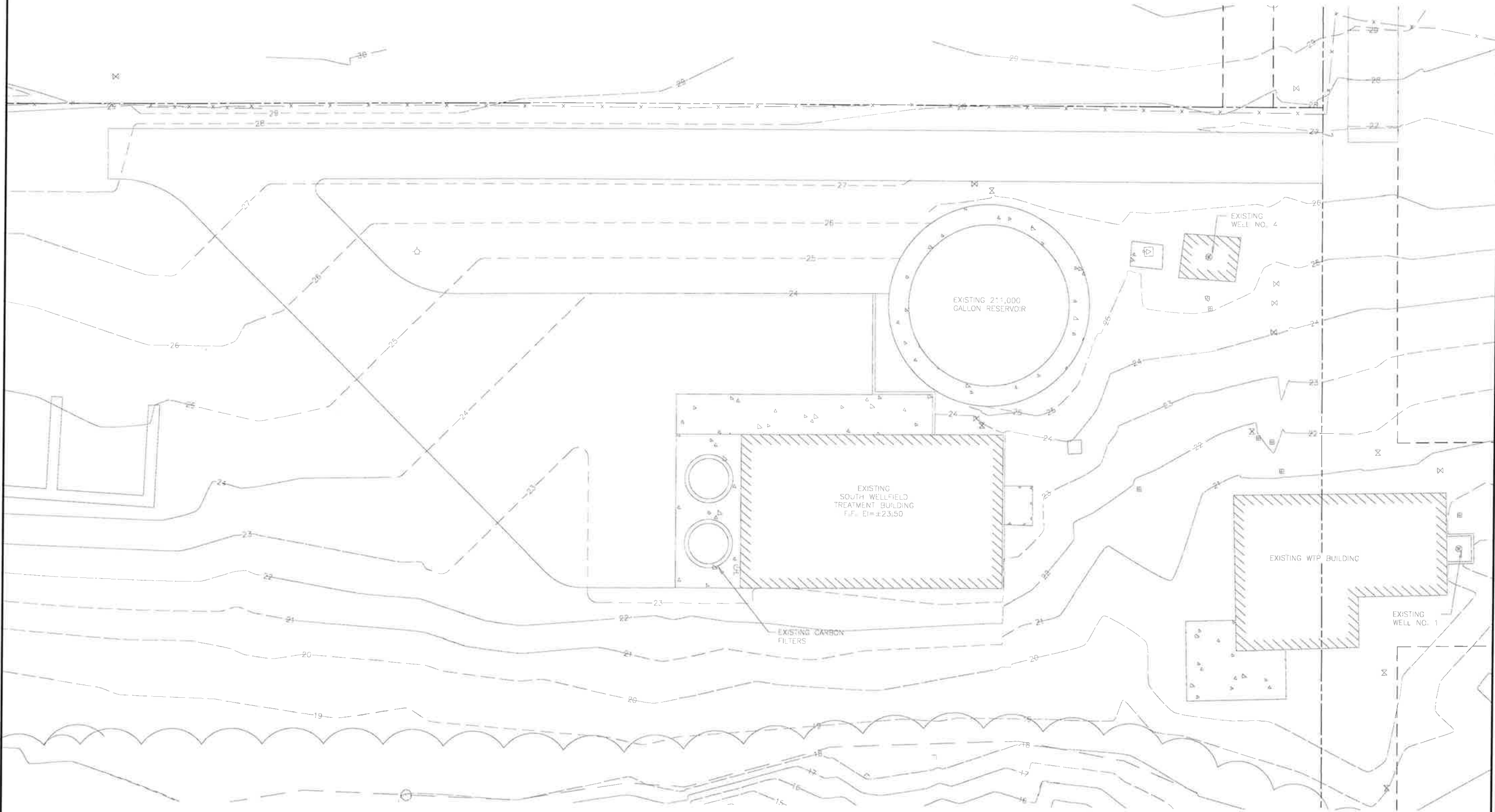
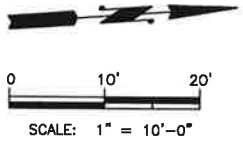
SHEET: **G-2**  
OF: **4**

JOB NO.: 17298.01  
DWG:VIC\_LOC\_MAP

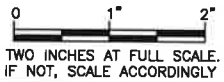
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**RIGHT-OF-WAY DISCLAIMER**

THE RIGHT-OF-WAY AND/OR PROPERTY LINES SHOWN HEREON ARE BASED ON AVAILABLE INFORMATION, NOT ON A SURVEYED LOCATION AND ARE ONLY APPROXIMATE.



**EXISTING SITE PLAN**  
SCALE: 1"=10'-0"



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No.	REVISION	DATE	APPD



**NORTH BEACH WATER DISTRICT**

PACIFIC COUNTY WASHINGTON

**SOUTH WELLFIELD - EXISTING WTP**

**BUILDING MODIFICATIONS**

EXISTING SITE PLAN

SHEET: **G-3**  
OF: **4**

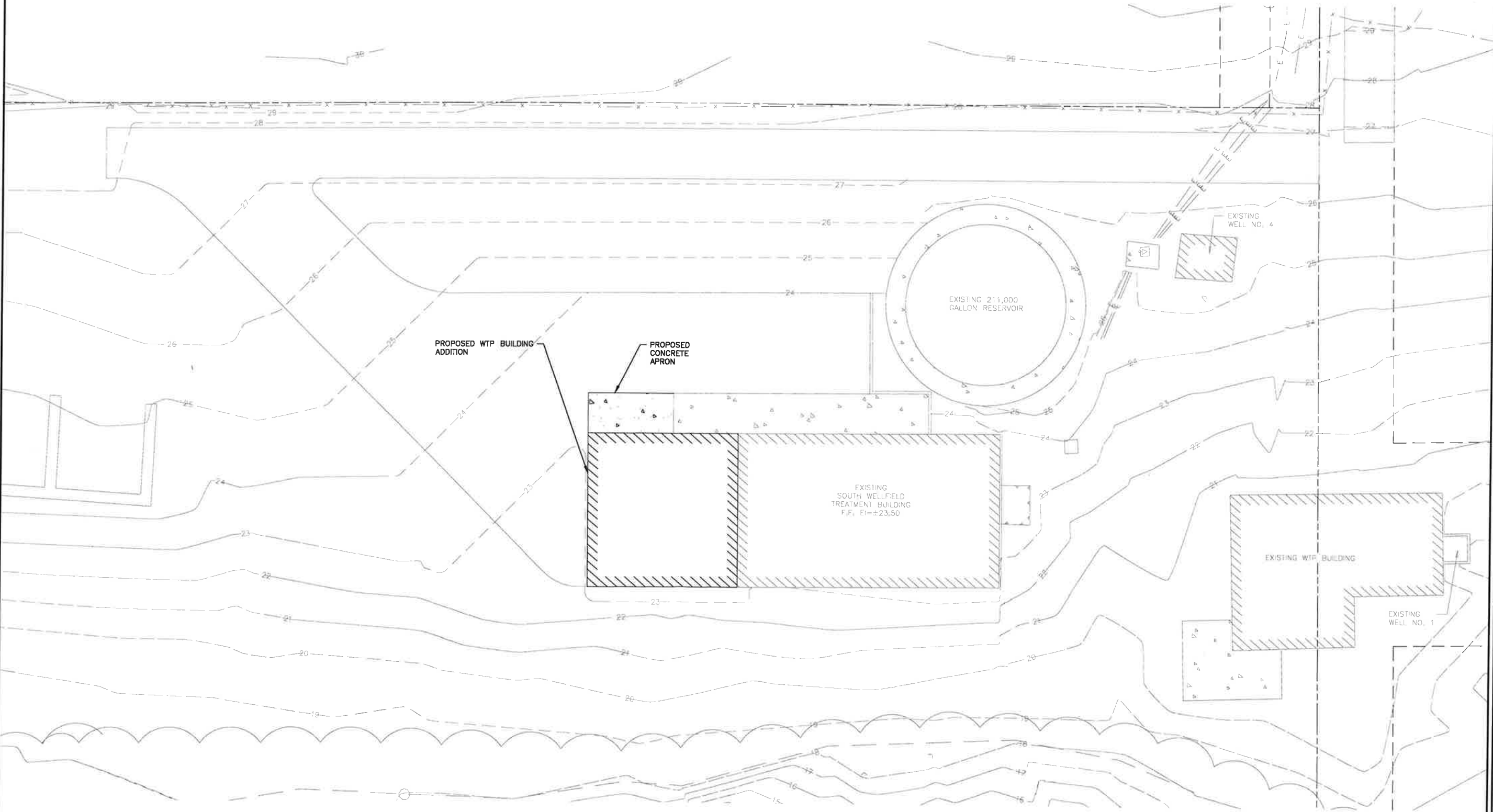
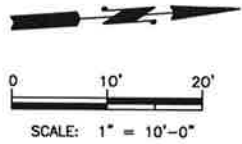
JOB NO.: 17298.01  
DWG: G\_SITE\_PLN



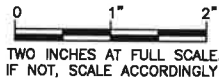
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**RIGHT-OF-WAY DISCLAIMER**

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**PROPOSED SITE PLAN**  
SCALE: 1"=10'-0"



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No.	REVISION	DATE	APPD



**NORTH BEACH WATER DISTRICT**

PACIFIC COUNTY WASHINGTON

**SOUTH WELLFIELD - EXISTING WTP**

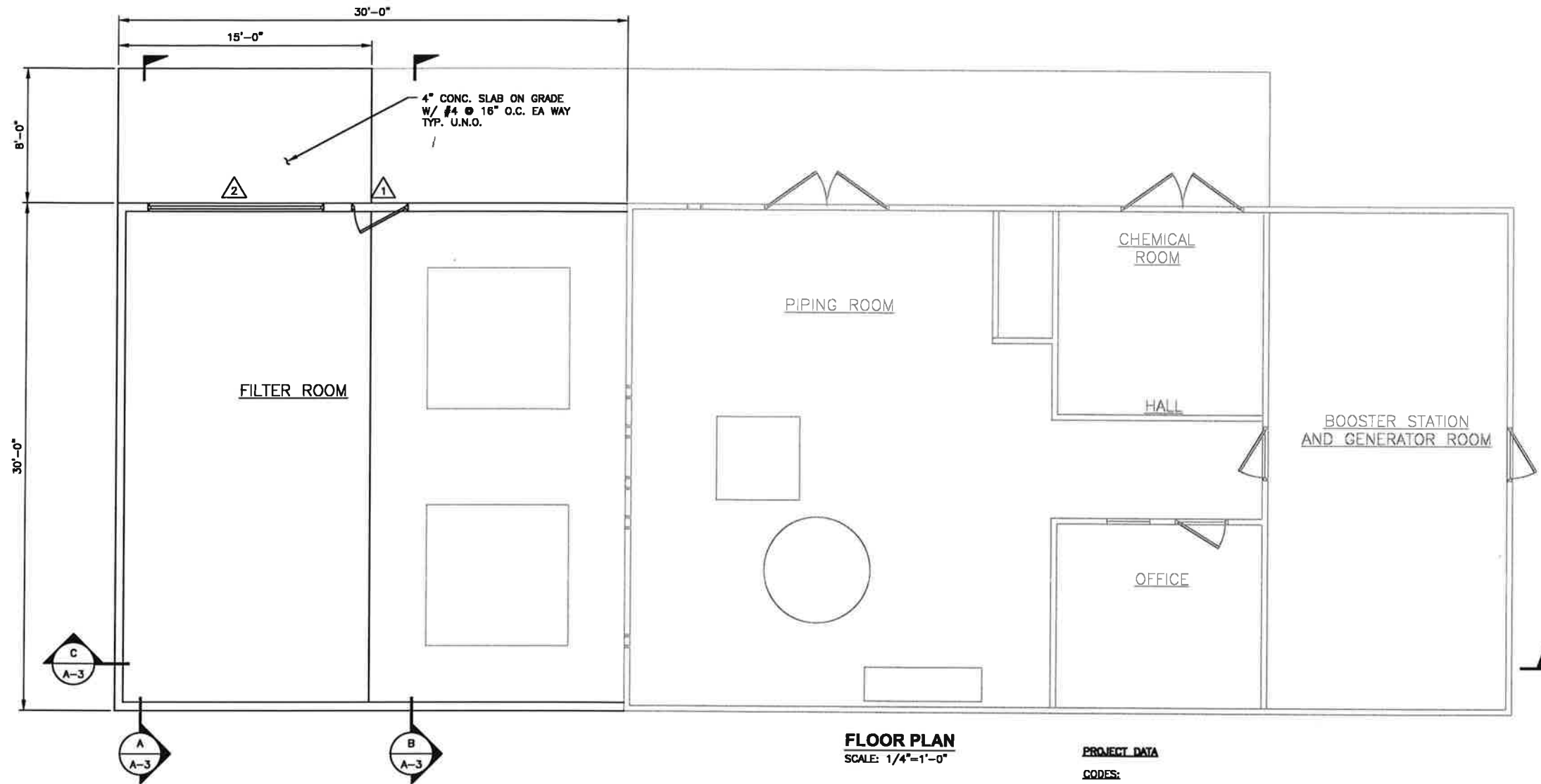
**BUILDING MODIFICATIONS**

**PROPOSED SITE PLAN**

SHEET: **G-4**  
OF: **4**

JOB NO.: 17298.01  
DWG: G\_SITE\_PLN

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**FLOOR PLAN**  
SCALE: 1/4"=1'-0"

**PROJECT DATA**

**CODES:**

2015 INTERNATIONAL BUILDING CODE

**PROJECT DESCRIPTION:**

A NEW ONE STORY WOOD FRAME ADDITION WITH PREFABRICATED WOOD TRUSSES AND CONCRETE FOUNDATION.

SOUTH WELLFIELD TREATMENT BUILDING: 30'-0" x 30'-0" (±) = 900 S.F.

**OCCUPANCY**

F - FACTORY INDUSTRIAL

**TYPE OF CONSTRUCTION:**

TYPE VB

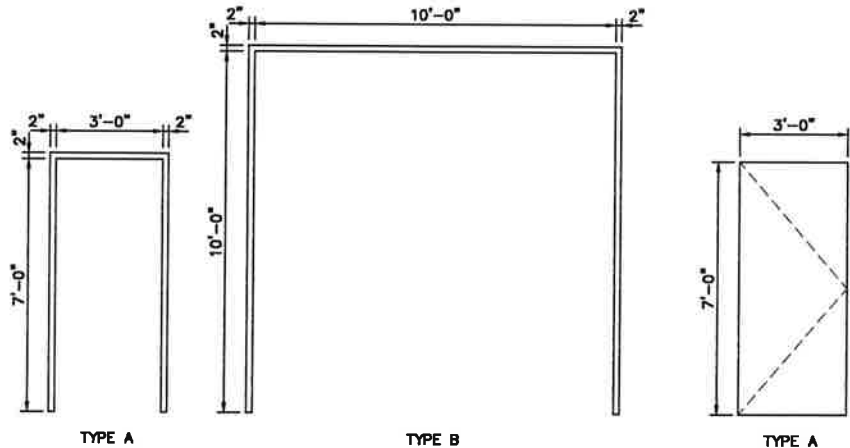
**WALL TYPES**

- 2x6 STUD WALL @ 16" O.C. TO CEILING  
EXISTING 2x4 STUD WALL

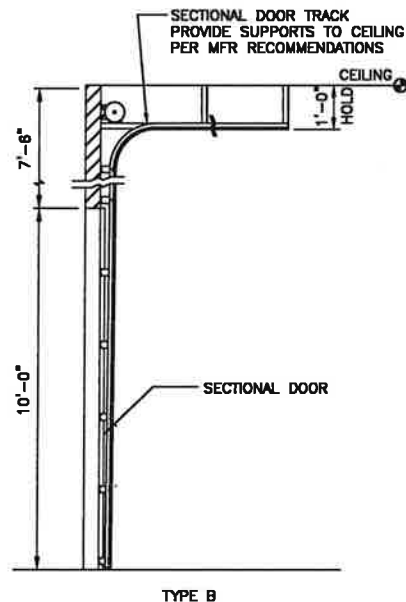
ROOM MATERIAL AND FINISH SCHEDULE														
ROOM NAME	FLOOR		BASE		WALLS								CEILING	
	MATL	FINISH	MATL	FINISH	NORTH		SOUTH		EAST		WEST		MATL	FINISH
					MATL	FINISH	MATL	FINISH	MATL	FINISH	MATL	FINISH		
FILTER ROOM	CONC	CSH	CONC	CSH	MP	PTS	MP	PTS	MP	PTS	MP	PS	ESB	PTS

CONC - CONCRETE  
CSH - CONCRETE SURFACE HARDENER  
ESB - EXTERIOR SOFFIT BOARD  
MP - MARINE PLYWOOD  
PTS - PAINT TO SPECIFICATIONS

DOOR SCHEDULE							
NO.	MATERIAL & TYPE	DOOR SIZE: WIDTH x HEIGHT x THICKNESS	DOOR TYPE	FRAME TYPE	FRAME GAUGE	FINISH	HARDWARE GROUP
1	HOLLOW METAL INSULATED	3'-0" x 7'-0" x 1 3/4"	A	A	16	PAINT	1
2	HIGH LIFT SECTIONAL	10'-0" x 10'-0" x 1 3/4"	B	B	16	FF	2



**DOOR FRAME TYPE**  
NOT TO SCALE



**DOOR TYPE**  
NOT TO SCALE

0 1" 2"  
TWO INCHES AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY

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SCALE: NOTED  
DRAWN: CDG  
CHECKED: PTG  
APPROVED: MJB

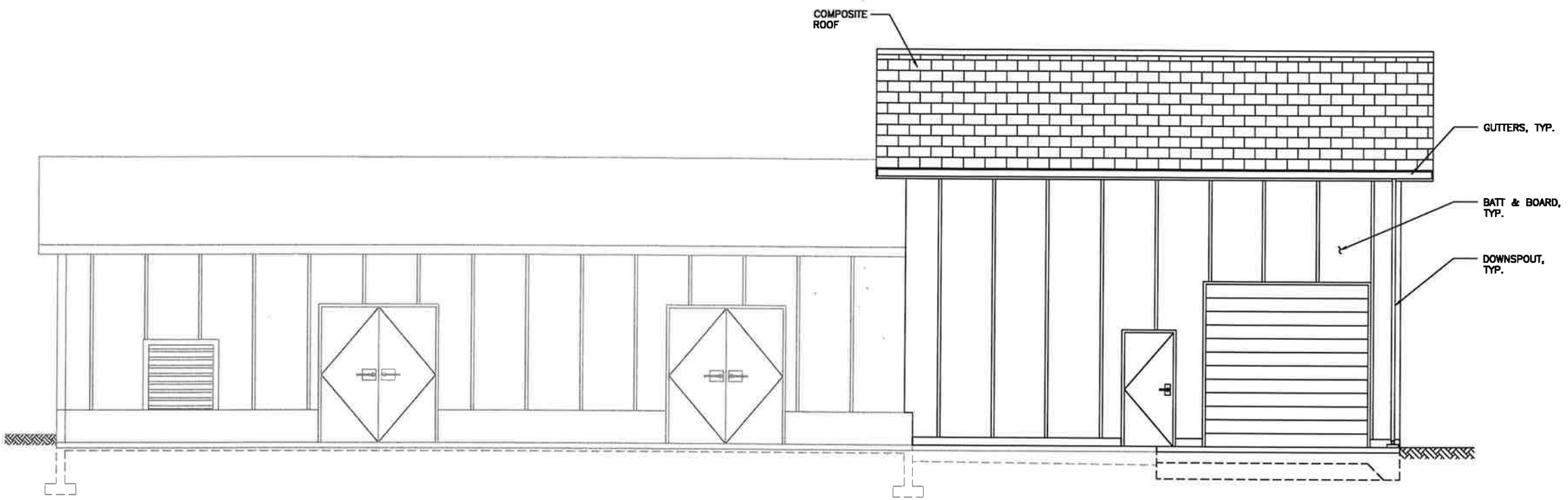
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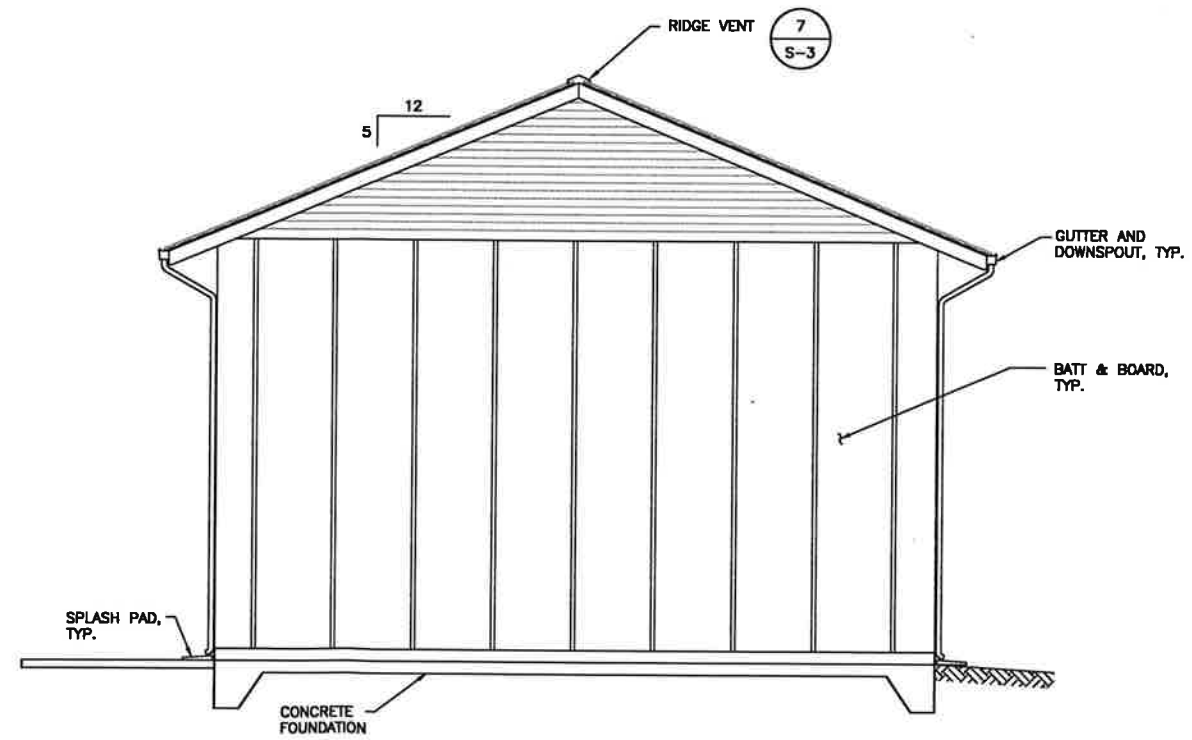
**NORTH BEACH WATER DISTRICT**  
PACIFIC COUNTY WASHINGTON  
**SOUTH WELLFIELD - EXISTING WTP BUILDING MODIFICATIONS**  
FLOOR PLAN AND DOOR SCHEDULE

SHEET: **A-1**  
OF: **3**  
JOB NO.: 17298.01  
DWG: A\_PLN\_ELEV

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**NORTH ELEVATION (SOUTH SIM.)**  
SCALE: 1/4"=1'-0"



**WEST ELEVATION**  
SCALE: 1/4"=1'-0"


0 1" 2"  
TWO INCHES AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY



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No.	REVISION	DATE	APPD

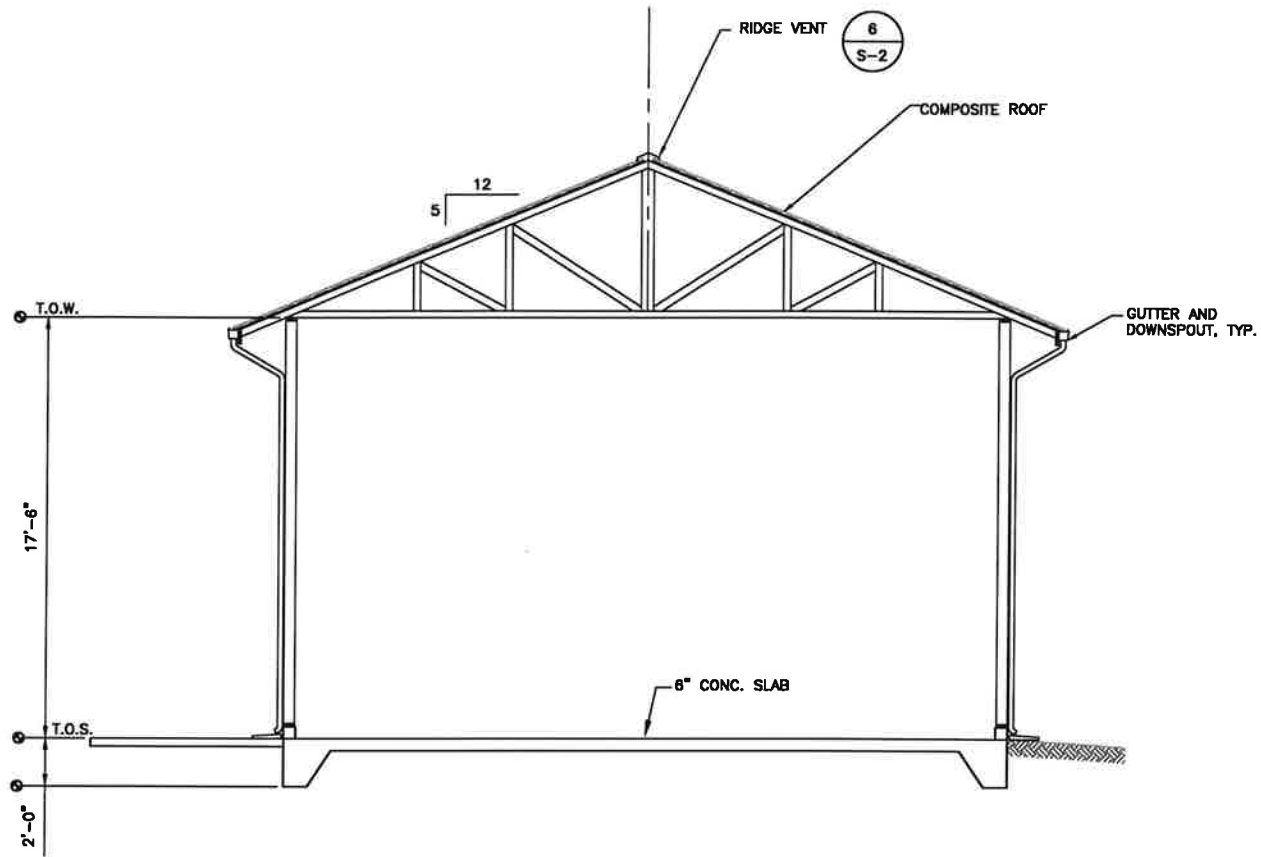


3/12/18

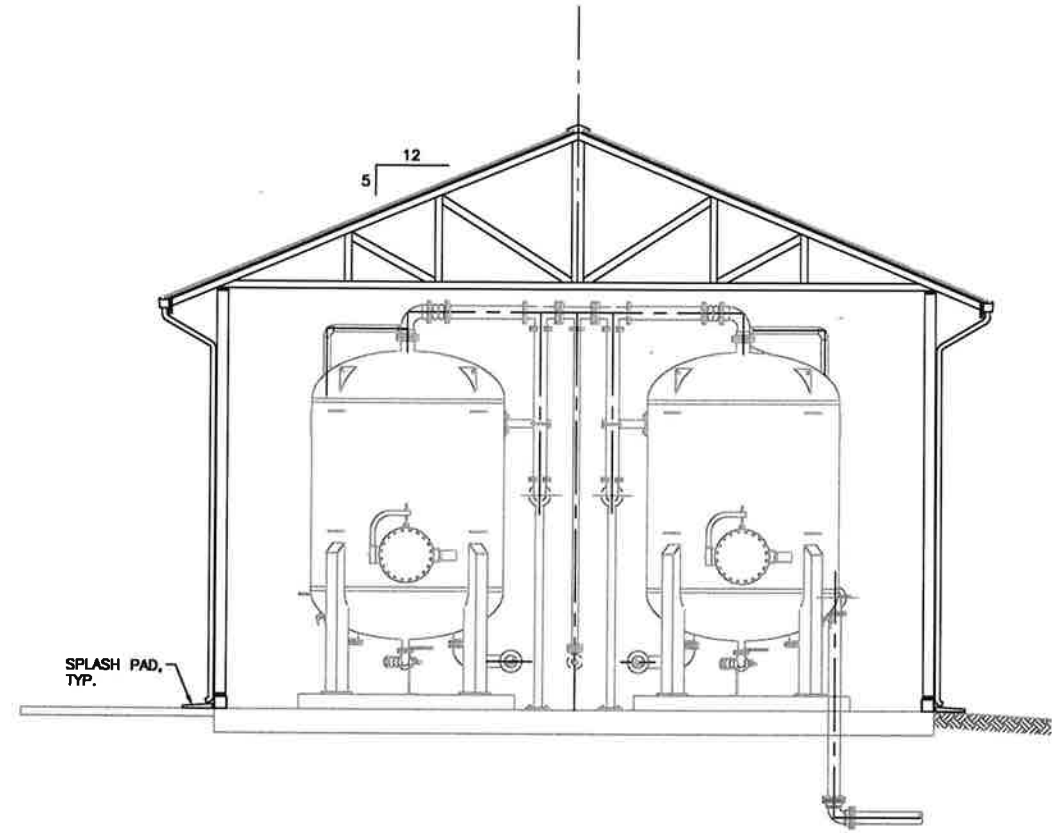
**NORTH BEACH WATER DISTRICT**  
PACIFIC COUNTY WASHINGTON  
**SOUTH WELLFIELD - EXISTING WTP**  
**BUILDING MODIFICATIONS**  
BUILDING ELEVATIONS

SHEET: **A-2**  
OF: **3**  
JOB NO.: 17298.01  
DWG-A\_PLN\_ELEV

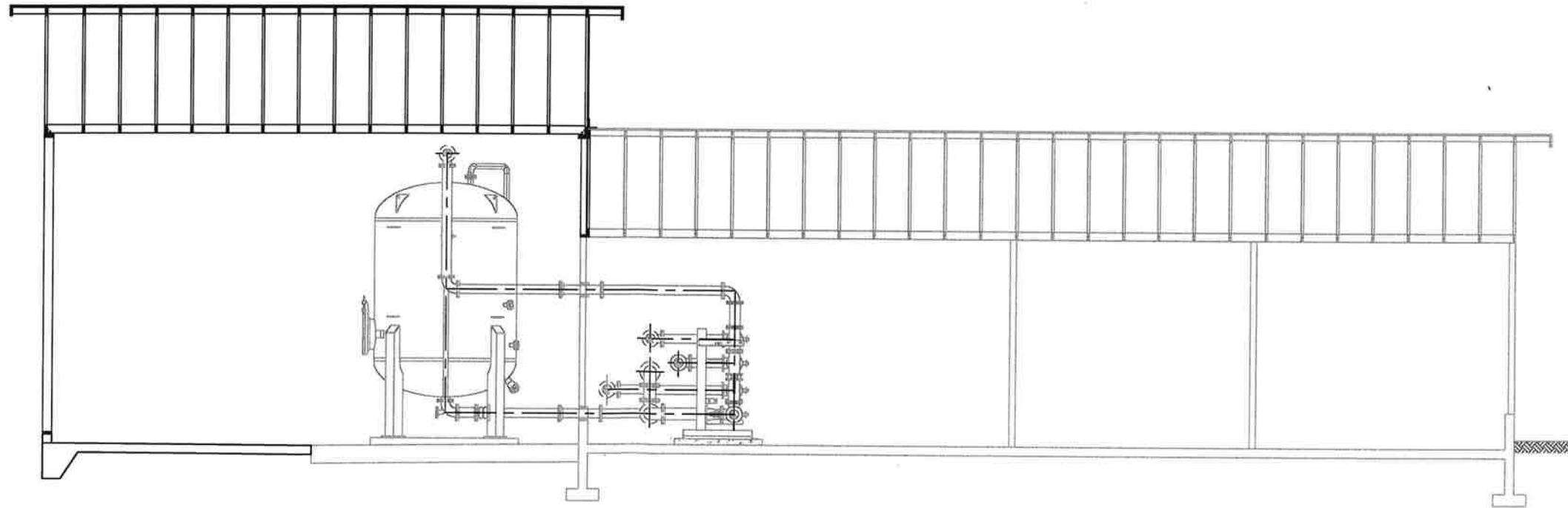
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**A SECTION**  
A-1 SCALE: 1/4"=1'-0"



**B SECTION**  
A-1 SCALE: 1/4"=1'-0"



**C SECTION**  
A-1 SCALE: 1/4"=1'-0"

0 1 2  
TWO INCHES AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY



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**NORTH BEACH WATER DISTRICT**  
PACIFIC COUNTY WASHINGTON  
**SOUTH WELLFIELD - EXISTING WTP**  
**BUILDING MODIFICATIONS**  
BUILDING SECTIONS

SHEET: **A-3**  
OF: **3**

JOB NO.: 17298.01  
DWG: A\_PLN\_ELEV



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THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY. USE DETAIL MARKED "TYPICAL" WHEREVER APPLICABLE. CHANGES, OMISSIONS OR SUBSTITUTIONS ARE NOT PERMITTED WITHOUT WRITTEN APPROVAL OF THE ENGINEER. REFER TO THE SPECIFICATIONS FOR FURTHER REQUIREMENTS. DO NOT SCALE THE DRAWINGS.

THE DESIGN, ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC., IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR, AND HAS NOT BEEN CONSIDERED BY THE ENGINEER OF RECORD. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE PRIOR TO THE COMPLETION OF ALL SHEAR WALLS, ROOF AND FLOOR DIAPHRAGMS AND FINISH MATERIALS. THE CONTRACTOR SHALL PROVIDE THE NECESSARY BRACING TO PROVIDE STABILITY PRIOR TO THE APPLICATION OF THE ABOVE MENTIONED COMPONENTS.

### SPECIAL INSPECTION & TESTING

FURNISH INSPECTION REPORTS TO THE BUILDING DEPARTMENT AND ENGINEER. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION; THEN, IF NOT CORRECTED, TO THE BUILDING DEPARTMENT AND ENGINEER. SUBMIT A FINAL REPORT STATING THE WORK WAS IN CONFORMANCE WITH THE APPROVED DRAWINGS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF IBC.

## SHOP DRAWINGS

## DESIGN LOADS

```
WIND DESIGN DATA:
  ULTIMATE WIND SPEED (3-SECOND GUST), Vult.....125 MPH
  RISK CATEGORY.....II
  WIND EXPOSURE.....C
```

SEISMIC IMPORTANCE FACTOR,  $I_e$ .....I  
RISK CATEGORY.....II  
SEISMIC DESIGN CATEGORY.....D

EXTEND ALL EXTERIOR FOOTINGS 2'-0" MINIMUM BELOW FINISHED GRADE. UNO (UNLESS NOTED OTHERWISE), BOTTOM OF ALL FOOTINGS TO BEAR ON NATIVE, INORGANIC, UNDISTURBED SOIL. NO FOOTING SHALL BEAR HIGHER THAN 1 VERTICAL TO 1.5 HORIZONTAL SLOPE ABOVE ANY EXCAVATION, EXISTING OR PLANNED. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING TO PREVENT MOVEMENT OF WALLS IF BACKFILL IS PLACED BEFORE FLOOR SYSTEM IS IN PLACE. THERE SHALL BE 95% COMPACTION (ASTM D1557 MODIFIED PROCTOR DENSITY) OF ALL BACKFILL SOIL UNDER SLABS ON GRADE.

CONCRETE SHALL HAVE THE FOLLOWING PROPERTIES:

SUBMIT MIX DESIGN FOR REVIEW AND PROVIDE NOT LESS THAN 6 SACKS OF CEMENT PER CUBIC YARD FOR ALL CONCRETE WITH MAXIMUM W/C=0.45.

WELDED WIRE FABRIC (W.W.F.): ASTM A82 AND A185  
DEFORMED BARS: ASTM A615, GRADE 60 (GRADE 40 FOR #3).  
UNLESS OTHERWISE NOTED ON THESE DRAWINGS, MINIMUM CONCRETE COVER FOR REINFORCING BARS SHALL BE AS FOLLOWS:

PROVIDE 2'-#5 MIN. U.N.O. TIE BARS AROUND ALL OPENINGS IN CONCRETE WALLS OR SLAB EXTENDING 2'-6" PAST CORNERS, TYP. AT TIME OF CONCRETE PLACEMENT, REINFORCING SHALL BE FREE OF MUD, OIL, OR OTHER NONMETALLIC COATINGS THAT MAY DECREASE BOND.

SUBMIT SHOP DRAWINGS OF REINFORCING STEEL FOR REVIEW BY THE ENGINEER PRIOR TO FABRICATION. REINFORCING SHALL BE DETAILED IN ACCORDANCE WITH ACI 315 AND 318 (LATEST EDITION).

SAWN LUMBER: HEM-FIR #1 OR BETTER, U.N.O. WMPA GRADING RULES. ALL DIMENSIONS NOTED ARE NOMINAL. WOOD BEARING ON OR WITHIN 1" OF CONCRETE OR CMU OR WITHIN 6" OF EARTH SHALL BE TREATED WITH AN APPROVED PRESERVATIVE. ALL NAILS ARE TO BE "COMMON." ALL NAILS IN TREATED TIMBER SHALL BE GALVANIZED. ALL FRAMING CONNECTORS NOTED ARE PER SIMPSON STRONG TIE COMPANY INC. OR ENGINEER APPROVED EQUAL. SEE MANUFACTURER'S REQUIREMENTS.

**GLUE-LAMINATED MEMBERS:**

GLUE-LAMINATED MEMBERS SHALL CONFORM TO THE LATEST EDITION OF AITC 117, "DESIGN STANDARD SPECIFICATIONS FOR STRUCTURAL GLUED LAMINATED TIMBER OF SOFTWOOD SPECIES." SHOP DRAWINGS OF GLUE-LAMINATED MEMBERS TO BE SUBMITTED FOR REVIEW BY THE ENGINEER PRIOR TO FABRICATION. FRAMING ANCHORS AND CONNECTORS: SIMPSON OR APPROVED EQUAL AS INDICATED ON DRAWINGS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. FOR NAILING NOT SHOWN ON DRAWINGS, USE IBC NAILING SCHEDULE, TABLE NO. 2304.9.1. ALL WOOD BEARING ON CONCRETE OR MASONRY, IF LESS THAN 4'-0" ABOVE GRADE, SHALL BE PRESSURE TREATED DOUGLAS FIR. STRUCTURAL MEMBERS SHALL NOT BE CUT FOR PIPES, ETC., UNLESS SPECIFICALLY NOTED OR DETAILED.

TRUSS LOADING UNLESS NOTED OTHERWISE ON DRAWINGS:

TRUSSES TO BE FABRICATED BY A CERTIFIED MEMBER OF THE TRUSS PLATE INSTITUTE. DESIGN, FABRICATION AND ERECTION TO CONFORM TO THE TRUSS PLATE INSTITUTE STANDARDS. CONNECTOR PLATES SHALL BE ICC APPROVED WITH A MINIMUM SIZE OF 3"x5". ALL CHORD MEMBERS SHALL HAVE LUMBER GRADE STAMPS; ALL WEB MEMBERS SHALL HAVE GRADE STAMPS OR ALL WEB MEMBERS, FOR A GIVEN TRUSS, SHALL BE MADE FROM THE SAME LUMBER GRADE WITH AT LEAST 50% OF THE WEB MEMBERS BEARING A GRADE STAMP. TRUSS DESIGNS AND ERECTION PLANS SHALL BE BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF WASHINGTON. ERECTION PLANS SHALL SHOW TRUSS SPACING, TRUSS MARK NUMBERS (CORRESPONDING TO THE DESIGN CALCULATIONS), CONCENTRATED LOADS, PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT PER IBC SECTION 2303.4.1.2 AS REQUIRED BY THE TRUSS DESIGN AND ERECTION BRACING. SHOP DRAWING SHALL INCLUDE, FOR EACH TYPE OF TRUSS, DIMENSIONS AND CONFIGURATIONS, NOMINAL LUMBER SIZE AND GRADE, SPECIFICATIONS FOR CONNECTOR PLATE USED, SIZE AND LOCATION OF EACH CONNECTOR AT EACH JOINT AND AMOUNT OF CAMBER IF REQUIRED. DESIGN CALCULATIONS, SHOP DRAWINGS AND ERECTION PLANS SHALL BE SUBMITTED FOR REVIEW BY THE ENGINEER PRIOR TO FABRICATION.



DATE: MAR 2018
SCALE: NOTED
DRAWN: CDG
CHECKED: PTG
APPROVED: MJB

No.	REVISION	DATE	APPD
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**NORTH BEACH WATER DISTRICT**  
**PACIFIC COUNTY**      **WASHINGTON**  
**SOUTH WELLFIELD - EXISTING WTP**  
**BUILDING MODIFICATIONS**  
**GENERAL STRUCTURAL NOTES**

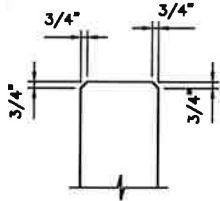
**SHEET: S-1**  
**OF: 6**

JOB NO.: 17298.01  
DWG: S\_STND

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REINF	LAP
#4	2'-4"
#5	3'-0"
#6	3'-6"
#7	4'-3"
#8	4'-10"
#9	5'-3"
#10	6'-6"
#11	8'-0"

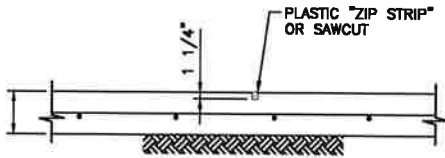
1  
TYP. LAP SCHEDULE  
NOT TO SCALE



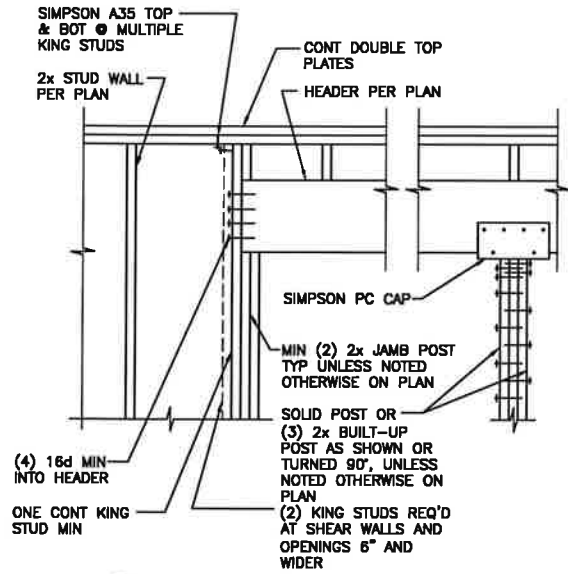
2  
TYP. CHAMFER DETAIL  
NOT TO SCALE

SHEAR WALL TYPICAL							
SHEATHING (1)	NAIL SIZE (2)	EDGE NAIL SPACING	FIELD NAIL SPACING	SILL TO (5) WOOD CONN (3)	SILL TO WOOD CONN (2)	SHEAR TRANSFER CLIPS (7)	SHEAR WALL TYPE (3)
15/32" STRUC II O.S.	10d	4"	12"	3/4" AB @ 48" OC	18d @ 3" OC	A35 CLIP @ 12" OC	I

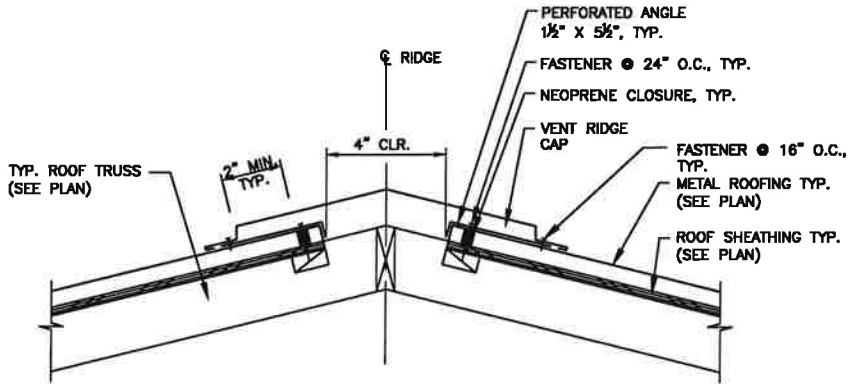
3  
SHEAR WALL TYPICAL  
NOT TO SCALE



4  
TYP. SLAB JOINT DETAIL  
NOT TO SCALE



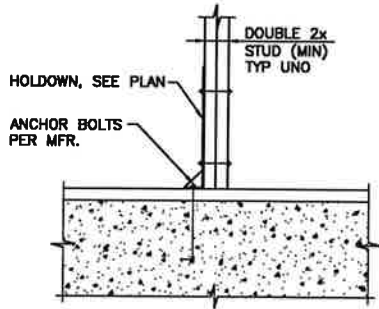
5  
TYP. HEADER DETAIL  
NOT TO SCALE



NOTES:

1. RIDGE CAP AS SHOWN WILL PROVIDE APPROXIMATELY 59 SQUARE INCHES OF FREE AIR PER FOOT OF LENGTH
2. PERFORATED ANGLE TO HAVE AT LEAST 40% OPEN AREA

6  
RIDGE VENT DETAIL  
NOT TO SCALE



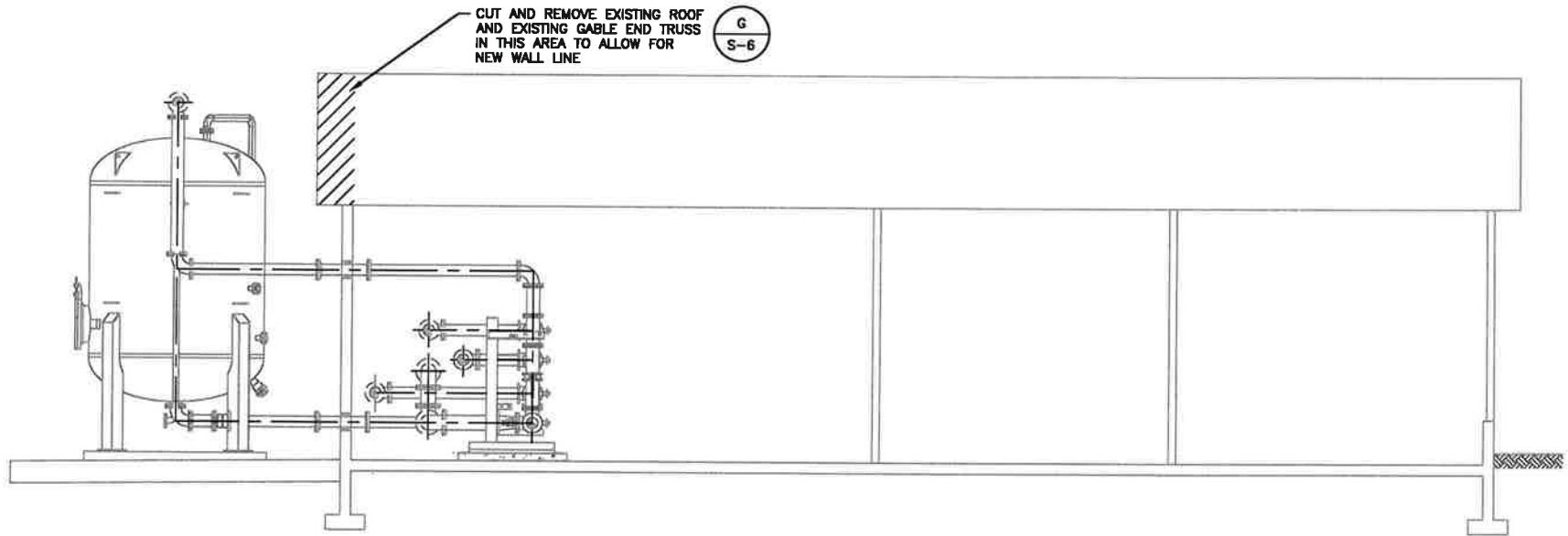
7  
TYP. HOLDOWN DETAIL  
SCALE: 3/4"=1'-0"

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REMOVE EXISTING SIDING AND  
PORTION OF ROOF AS SHOWN  
ON PLAN



**1**  
DETAIL  
NOT TO SCALE



**A**  
SECTION  
SCALE: 1/4"=1'-0"

0 1" 2"  
TWO INCHES AT FULL SCALE  
IF NOT, SCALE ACCORDINGLY

NORTH BEACH WATER DISTRICT  
PACIFIC COUNTY WASHINGTON  
SOUTH WELLFIELD - EXISTING WTP  
BUILDING MODIFICATIONS  
DEMOLITION PLAN

SHEET: **S-3**  
OF: **6**

JOB NO.: 17298.01  
DWG: S\_BLDG\_PLN

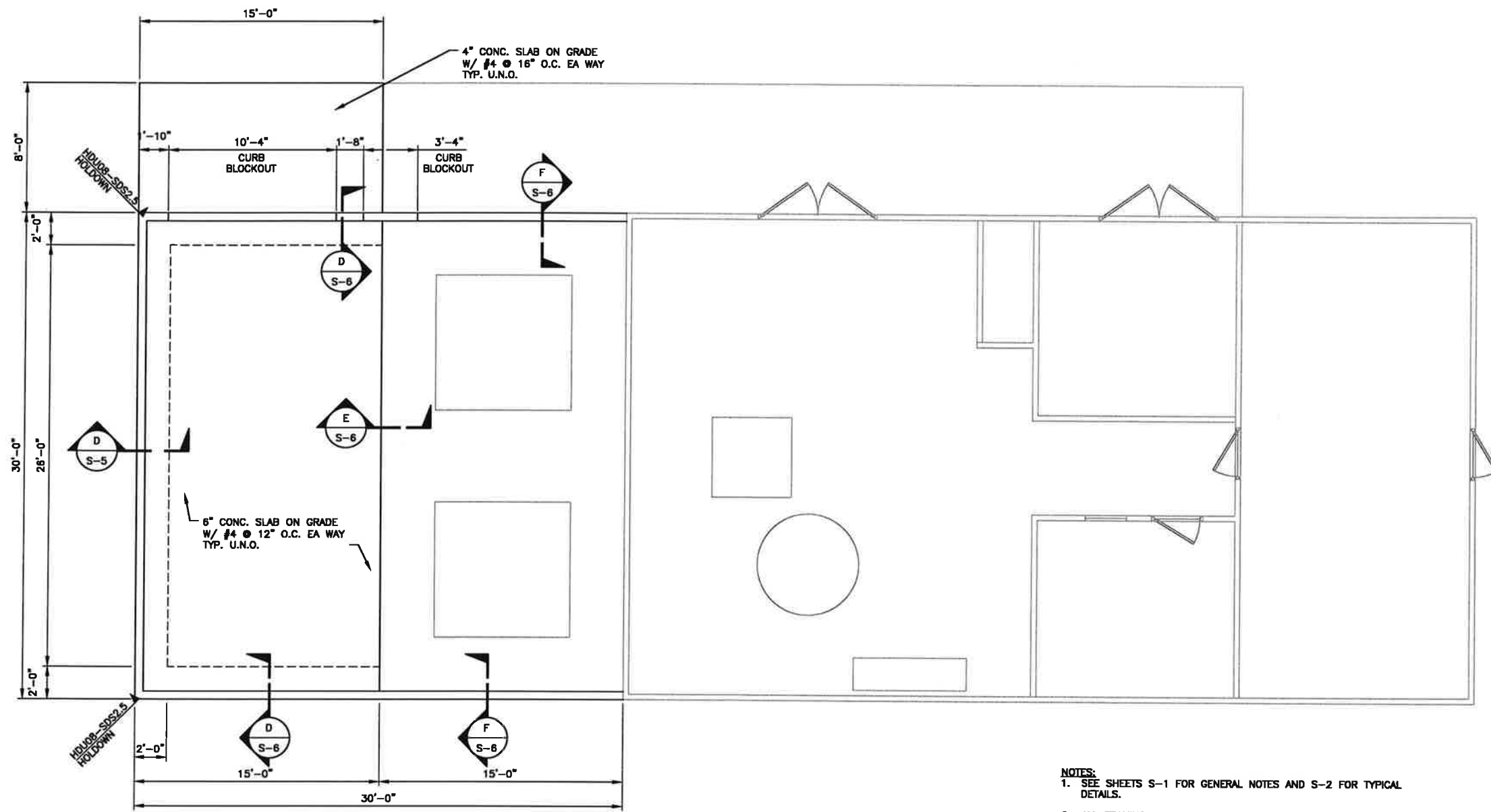


No.	REVISION	DATE	APPD

DATE: MAR 2018	SCALE: NOTED	DRAWN: CDG	CHECKED: PTG	APPROVED: MJB
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**FOUNDATION PLAN**  
SCALE: 1/4"=1'-0"

- NOTES:**
1. SEE SHEETS S-1 FOR GENERAL NOTES AND S-2 FOR TYPICAL DETAILS.
  2. ALL FRAMING HARDWARE SHALL BE MANUFACTURED BY SIMPSON STRONG TIE COMPANY, INC. U.N.O. OR APPROVED BY OWNER.
  3. ALL EXTERIOR WALLS SHALL BE 2x6 H.F. #2 OR BETTER @ 16" O.C. U.N.O.
  4. TYP. DOOR HEADER TO BE 3 (2x6) H.F. #2 U.N.O.
  5. USE MIN. OF TWO STUDS AT END OF SHEAR WALL.
  6. FOOTINGS AND SLAB ON GRADE SHALL BE CAST OVER 6" MIN. COMPACTED FOUNDATION GRAVEL.
  7. HOLDDOWN SHOWN THUS "▼" SHALL BE SIMPSON OR EQUIVALENT INSTALLED PER MANUFACTURER'S SPECIFICATION.



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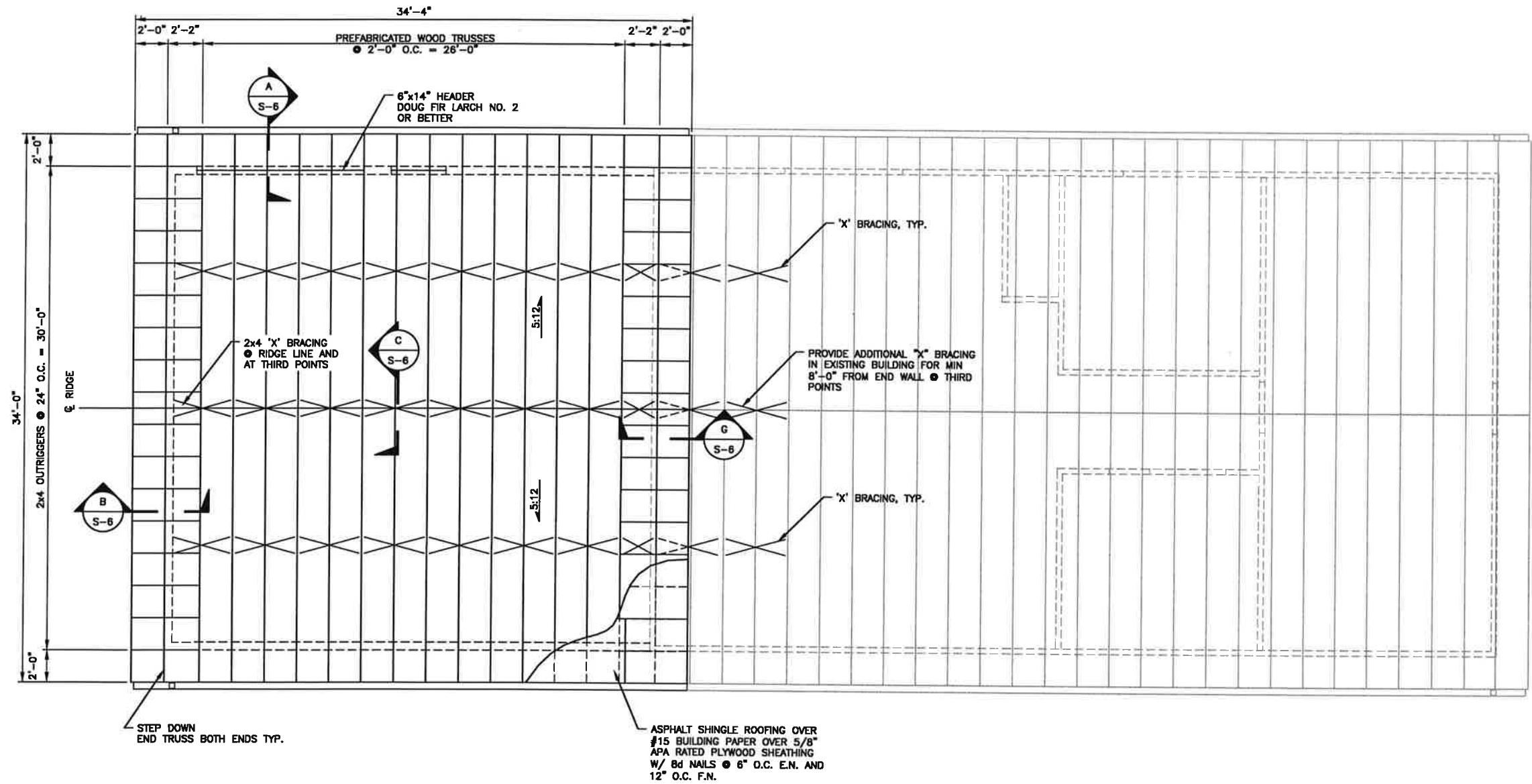
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				DATE: APPD
				REVISION
				No.

RYAN J. BASKIN  
WASHINGTON  
PACIFIC COUNTY  
SOUTH WELLFIELD - EXISTING WTP  
BUILDING MODIFICATIONS  
FOUNDATION PLAN

SHEET: **S-4**  
OF: **6**

JOB NO.: 17298.01  
DWG: S\_BLDG\_PLN

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**ROOF FRAMING PLAN**  
SCALE: 1/4"=1'-0"

0 1" 2"  
TWO INCHES AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY

**NORTH BEACH WATER DISTRICT**  
PACIFIC COUNTY WASHINGTON  
**SOUTH WELLFIELD - EXISTING WTP**  
**BUILDING MODIFICATIONS**  
ROOF FRAMING PLAN

SHEET: **S-5**  
OF: **6**

JOB NO.: 17298.01  
DWG: S\_BLDG\_PLN



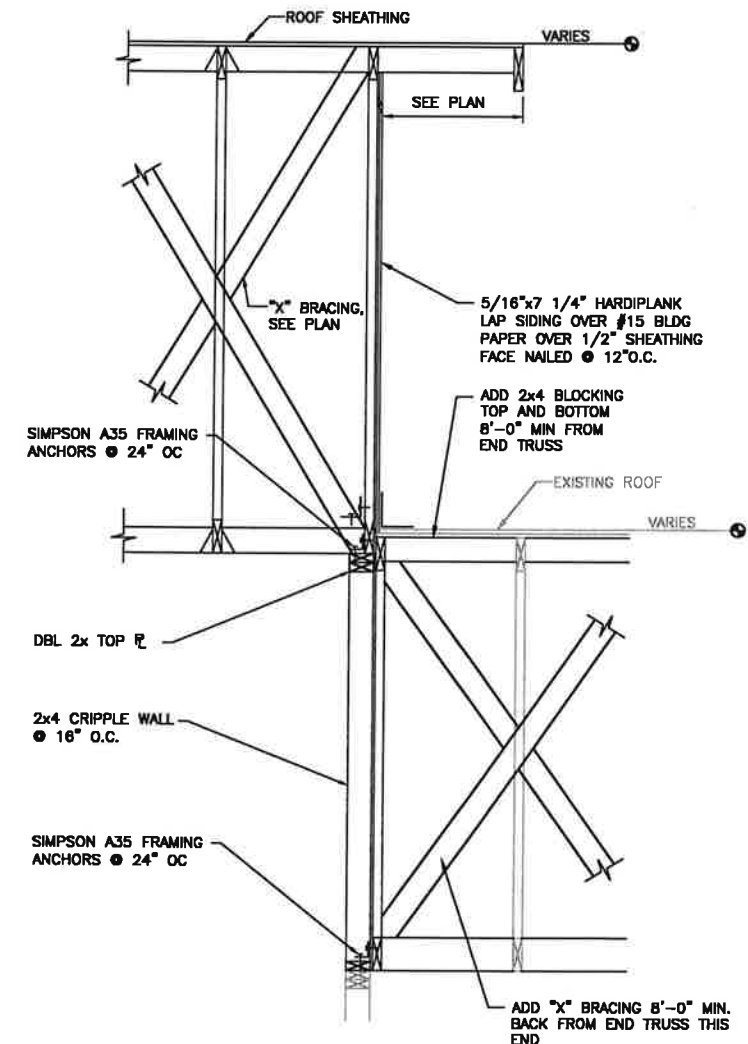
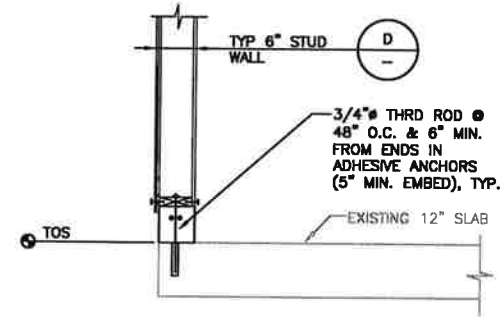
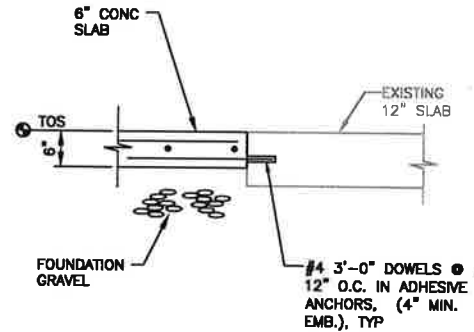
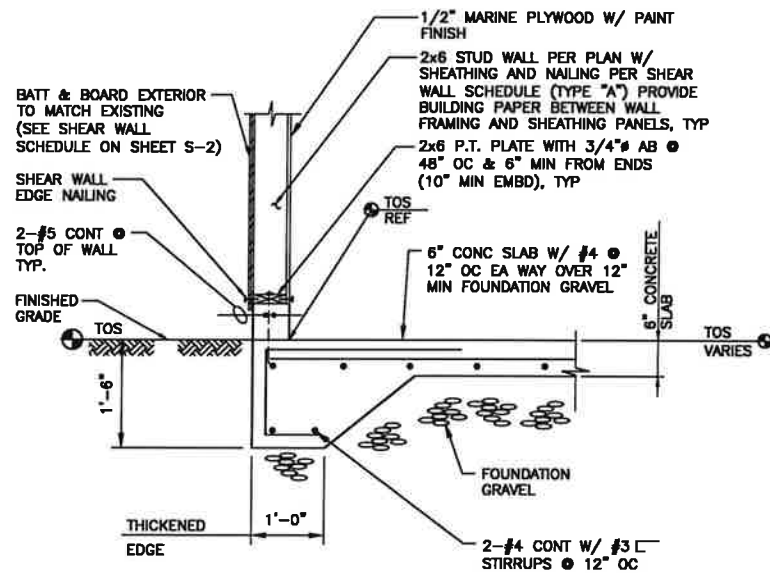
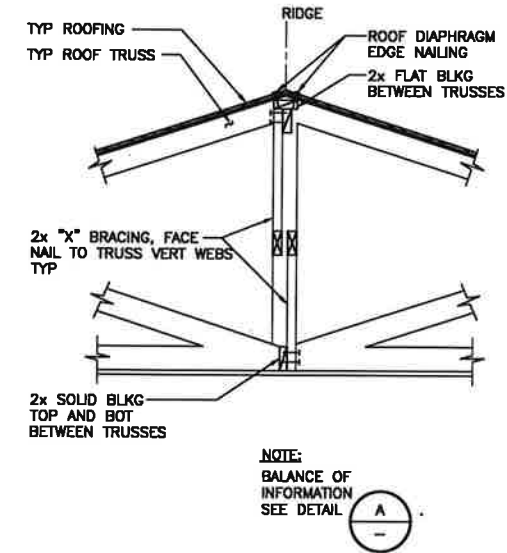
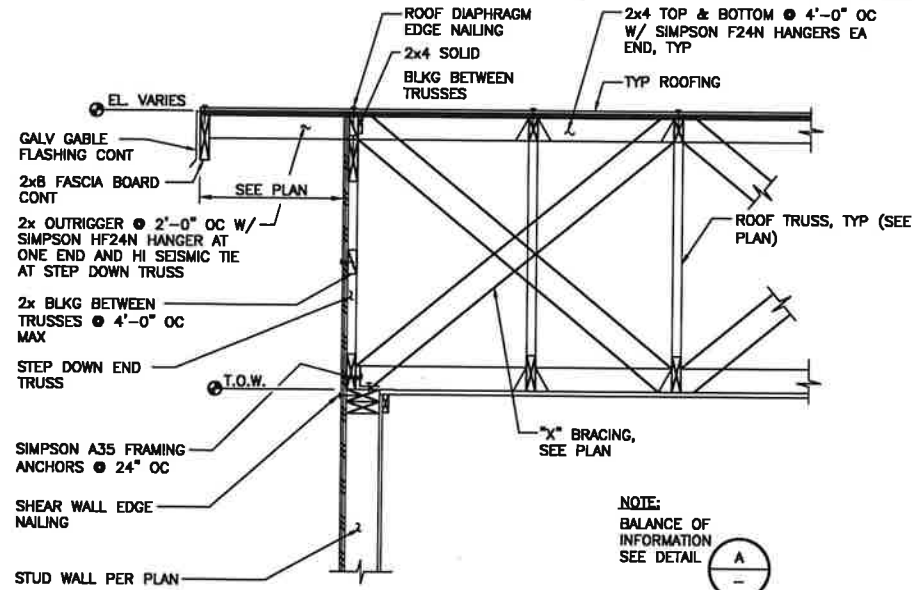
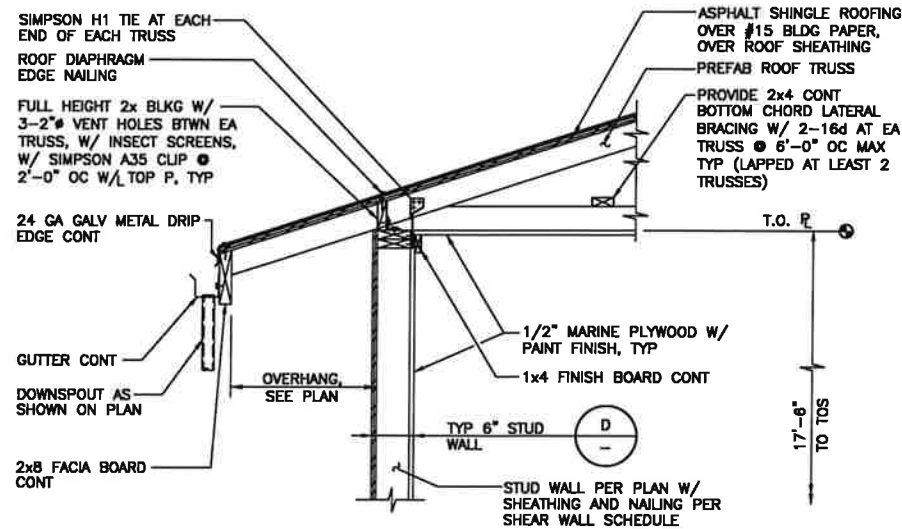
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0 1" 2"  
TWO INCHES AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY

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MAR 2018					

DATE	APPROVED
REVISION	No.



**NORTH BEACH WATER DISTRICT**  
PACIFIC COUNTY WASHINGTON  
**SOUTH WELLFIELD - EXISTING WTP**  
**BUILDING MODIFICATIONS**  
STRUCTURAL SECTIONS AND DETAILS

SHEET: **S-6**  
OF: **6**  
JOB NO.: 17298.01  
DWG: S-BLDG\_PLN