

CITY COUNCIL MEETING AGENDA

Tuesday - May 9, 2023 - 6:00 PM

Shawn O'Neill,

Mayor

soneill@citvofnapavine.com

Brian Watson,
Council Position No.1
bwatson@cityofnapavine.com

Ivan Wiediger, Council Position No.2 <u>iwiediger@cityofnapavine.com</u>

Don Webster, Council Position No.3 <u>dwebster@cityofnapavine.com</u>

Heather Stewart, Council Position No.4 hstewart@cityofnapavine.com

Duane Crouse,
Council Position No.5
dcrouse@cityofnapavine.com

Staff Members

Rachelle Denham, City Clerk

Michelle Whitten, City Treasurer

Bryan Morris, PW Director Community Development

John Brockmueller, Chief of Police

Allen Unzelman Honorable Judge-Municipal Court

Jim Buzzard, Legal Counsel

City of Napavine

407 Birch Ave SW P O Box 810 Napavine, WA 98565 360-262-3547

City Website

www.citvofnapavine.com

- I. CALL TO ORDER
- II. INVOCATION
- III. PLEDGE OF ALLEGIANCE
- IV. ROLL CALL
- V. APPROVAL OF AGENDA AMENDED AS PRESENTED
- VI. APPROVAL OF MINUTES FROM THE REGULAR MEETING
 - 1) Regular Council Meeting Minutes-April 25, 2023
- VII. STAFF & COUNCIL REPORT

VIII. NEW BUSINESS

- 1) Vouchers M. Whitten
- 2) Proclamation 23-01 Police Week Mayor O'Neill
- 3) Coalition Against Big Trucks Opposition Letter Duane Crouse & Ivan Wiediger
- 4) Set Public Hearing Date with Council & Planning on May 23, 2023 @6 pm for Housing Action Plan R. Denham & B. Morris
- 5) Mayme Shaddock Park Kitchen 95% Final Design B. Morris
- 6) DRAFT Permitting Process Code Title 15 B. Morris
- 7) DRAFT Water Connection Fees Replacing 13.02.040 Developer Connection Fee/Capacity Charge Payment B. Morris
- IX. CITIZEN COMMENTS NON-AGENDA ITEMS
- X. ADJOURNMENT CLOSE OF MEETING

Council Meeting is held in person and via Teleconference.

Teleconference Information

Dial-in number (US): (720) 740-9753

Access code: 8460198

To join the online meeting: https://join.freeconferencecall.com/rdenham8



NAPAVINE CITY COUNCIL REGULAR MEETING MINUTES April 25, 2023, 6:00 P.M.

Napavine City Hall, 407 Birch Ave SW, Napavine, WA

CALL TO ORDER:

Mayor Shawn O'Neill called the regular city council meeting to order at 6:00 pm.

INVOCATION:

The invocation was led by Bryan Morris.

PLEDGE OF ALLEGIANCE:

Mayor Shawn O'Neill led the flag salute.

ROLL CALL:

Council members present: Shawn O'Neill Mayor, Brian Watson Councilor #1, Ivan Wiediger Councilor #2, Don Webster Councilor #3, Heather Stewart Councilor #4, and Duane Crouse Councilor #5.

City staff members present: City Clerk - Rachelle Denham, Chief of Police – John Brockmueller, PW/CD Director - Bryan Morris, and Treasurer – Michelle Whitten. *ABSENT: Legal Counsel – Jim Buzzard and Court Administrator - Lacie DeWitt is attending DMCMA Conference & Court Admi Academy.

CONSENT/APPROVAL OF AGENDA

MOVED:	Ivan Wiediger	Motion: Approval of Agenda- As Presented
SECONDED:	Brian Watson	
Discussion: No Discussion		
VOTE ON MAIN MOTION:	5-0 Motion Carried: 5 aye and 0 nay.	

APPROVAL OF MINUTES FROM REGULAR COUNCIL MEETING

MOVED:	Brian Watson	Motion: Approval of Minutes - Regular Council
SECONDED:	Ivan Wiediger	Meeting, on April 11, 2023
Discussion: No Discussion		
VOTE ON MAIN MOTION:	5-0 Motion Carried: 5 aye and 0 nay.	

STAFF & COUNCIL REPORTS:

John Brockmueller – Chief of Police

Report in writing. The Chief provided a handout in support of imposing a one-tenth of a percent 911 sales
and use tax that will improve dispatch equipment. This will be presented on the ballot to provide the citizens
of Lewis County an opportunity to voice their opinions. Operations are normal.

Bryan Morris - PW/CD Director

Report in writing.

Rachelle Denham – City Clerk

• Report in writing. Michelle Davis was hired as the Executive Assistant and introduced to the council. There will be a yard cleanup event held on June 2 & 3rd from 9am-4pm at 215 Haywire Rd. Napavine Residents only and must show proof of residence.

Lacie Dewitt - Court Administrator

Report in writing.

Shawn O'Neill - Mayor

 Mayor O'Neill served on a hiring committee representing small cities for hiring vendors for Lewis County homeless shelter. The old WSECU will be changed into a usable homeless shelter. It's recommended that Hope Source be selected for the coordinated entry. Salvation Army and Cascade Mental Health were the two entities that were up for votes. The majority voted to select the Salvation Army. The recommendation will be presented to the Board of Commissioners. TIB papers have been signed and is excited for this project.

Deborah Graham – Planning Commission

Last Monday at the workshop meeting with Napavine School Dist., Shane Schutz had a lot of discussion. It
appears that the school is not going to pursue the city and go for community vote in election to see if will
pass. Thanked Heather and Ivan for attending the meeting. The Planning Commission is continuing to
work revising old ordinances/codes.

Dan Mahoney- Fire District 5

• Chief Mahoney is in support of the 911 tax. This is the first time he has seen everybody on the same page with eighteen fire agencies and all the police depts. Assistant Chief Tyler Lyons was introduced and is currently a firefighter for Port of Portland and has volunteered for Napavine for a long time.

South Lewis County Chamber

• Thanked Rachelle and Bryan for showing up and was one of the best presentations. Mayor O'Neill expressed thanks for Rachelle and Bryan attending.

NEW BUSINESS

VOUCHERS- M. WHITTEN

The following voucher/warrants/electronic payments are approved for payment:

Total Vouchers	66	40	\$86,360.03	
ACH Direct Deposit	14	14	30,192.94	Direct Deposit 4/20/23
Electronic Payroll	2	2	13,117.79	EFT*20230415-16
Electronic Payments	2	2	754.14	EFT*20230413-14
Payroll Vendors	1	1	228.00	38205
Accounts Payable	47	21	42,067.16	38204,38206-38226

MOVED:	Don Webster	Motion: Approval of the Vouchers dated April	
SECONDED:	Ivan Wiediger	2023 2 nd Council Meeting	
Discussion: No Discussion			
VOTE ON MAIN MOTION:	5-0 Motion Carried; 5 aye and 0 nay.		

TIB BID AUTH FORM PROJECT 6-W-963 (009) – 1 RUSH ROAD REPAIRS – B. MORRIS

MOVED:	Duane Crouse	Motion: Approve and sign this TIB
SECONDED:	Heather Stewart	Authorization form
Discussion: Bryan has an overage for this project but is looking at other opportunities to		
offset it. Councilor Wiediger and Webster had questions regarding the round about that		
will be going in. Councilor Stewart asked if we don't get reimbursed where is the money		
coming from. Treasurer Whitten responded that the money is in reserves.		
VOTE ON MAIN MOTION: 5-0 Motion Carried; 5 aye and 0 nay.		

RESOLUTION 23-04-140 ILA CHIP SEAL PROJECT & TIB GRANT - R. DENHAM

MOVED:	Ivan Wiediger	Motion, Approve Poselution 22 04 140	
SECONDED:	Don Webster	Motion: Approve Resolution 23-04-140	
Discussion: No Discussion			
VOTE ON MAIN MOTION:	5-0 Motion Carried; 5 aye and 0 nay.		

AM 23-03 LIQUOR LICENSE RENEWAL TUMAC TAPROOM - R. DENHAM

MOVED:	Don Webster	Motion: Approve AM 23-03 Liquor License
SECONDED:	Ivan Wiediger	Renewal Tumac Taproom
Discussion: No Discussion		
VOTE ON MAIN MOTION:	5-0 Motion Carried; 5 aye and 0 nay.	

<u>CITIZEN COMMENTS – NON-AGENDA ITEMS:</u>

• Councilor Stewart welcomed Michelle Davis to the City of Napavine!

ADJOURNMENT:

MOVED:	Brian Watson	Motion: To Adjourn – Close of Meeting	
SECONDED:	Heather Stewart		
Discussion: Meeting Adjourned at 6:32 p.m.			
VOTE ON MAIN MOTION:	5-0 Motion Carried; 5 aye and 0 nay.		

<u>These minutes are not verbatim</u>. If so desired, a recording of this meeting is available online from freeconferencecall.com or at the link https://fccdl.in/OSo4pq01Jo.

Respectfu	lly su	bmi	tted	١,
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Rachelle Denham, City Clerk

Shawn O'Neill, Mayor

Councilor



NAPAVINE POLICE DEPARTMENT

COUNCIL 5/9/2023 STAFF REPORT

- *The monthly call totals for April are included in the council packet for your review.
- *The new Durango has now reached Portland. Our current estimated arrival date is sometime between now and the end of May.
- *The police department will attend and assist with safety involving the high school's 5k run hosted by the Napavine Booster Club on May 6, 2023 from 8:30am scheduled until noon. The route for the run is as follows:

Start- HS Track, turn right 3rd Ave, continue onto 4th Ave, turn left on E. Stella, turn left on 2nd Ave, turn right on Washington St, turn left on Camden Way, turn left Haywire Rd, turn right on Washington, turn left on 2nd Ave, turn Right on E. Stella, turn right on 4th Ave, continue onto 3rd Ave, turn left into track parking lot & finish- HS Track

*It is that time of year again for the Special Olympics Law Enforcement Torch Run. The event will be held on Friday, June 2nd and the start of the route will be the Napavine City Hall. Briefing will begin at 8:00 am and the run will start once school has begun so that it doesn't interfere with the bus and school traffic. They will depart from here and go by the schools then down to Bethel Church on Rush Rd. We will get the word out for citizens to be aware of the possible short term traffic congestion. We sponsored the event and will have our logo on the t-shirts this year.

Sincerely yours,

John Brockmueller Chief of Police

> jbrockmueller@cityofnapavine.com jgodbey@cityofnapavine.com

Napavine Police Department Monthly Call Activity Report

#	Type of Call
1	Abandoned/Disabled Vehicles
3	Accidents
4	Agency Assists
5	Alarms
4	Animals
	Arson
	Assault Offenses
3	ATC (Attempt to Contact)
	ATL (Attempt to Locate)
	Bad Checks
	Burglary
	Child Abuse/Neglect
1	Child Molestation/Rape/Comm
3	Civil/Public
	Death Investigations
	Disorderly Conduct
2	Disputes
3	Drugs/Paraphernilia Violations
3	DUI
ates and a second	Eluding
	Fire
	Firearms
	Fireworks
	Forgery
5	Fraud/Scam/Counterfeit/Identity Theft
3	Harrassment
	Homicide
	Illegal Burn
7	Information/General
1	Juvenile
	Kidnapping/Abduction
	Littering
	Lost/Missing/Found Persons

1	Malicious Mischief
	Transleas Wilsonie:
	MIP/Furninshing Liquor Mino
	Noise
	Overdose
	Property/Lost/Found/Recovered
	Rescue-Minor/Major
	Robbery
	Runaway
1	Sex Offenses
	Shoplifting
2	Suicide/Threats/Attempts
	Shooting/Weapons/Explosives/Hazard
7	Suspicious Circumstances
3	Suspicious Person/Vehicle
6	Traffic - Criminal
12	Traffic - Infractions
4	Traffic - Other/Hazards/Patrol
2	Tresspassing
1	Thefts/Larceny
	Thefts (Motor Vehicle)/tmvwp/recstveh
	Vandalism
	Vehicular Assault
	Vehicle Prowl
6	Violation City Ordinance/Nuisance
	Violation of Protection/Harrass Ord
3	Warrants/Wanted Person
	Welfare Checks
6	911 Hang Up
	Hit & Run Accident
	<u>.</u>
	

102	APRIL MONTHLY TOTAL
350	YEAR TO DATE TOTAL 2023



PUBLIC WORKS & COMMUNITY DEVELOPMENT

407 Birch Ave SW, P. O. Box 810 Napavine, WA 98565 Phone: (360) 262-9344 Fax: (360) 262-9199 www.napavine.wa.gov

To: Mayor and City Council

From: Bryan Morris, PW/CD Director

RE: Staff Report for Council Meeting, May 9th, 2023

> Planning Commission Meeting Minutes

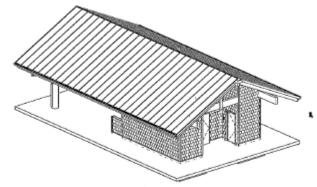
Attached signed minutes

> Project Updates

- ARCO- Under construction
- Scots Industries- Waiting on engineers fire flow
- TA- waiting for hearing examiners public hearing
- AT&T Cell Tower- waiting for hearing examiners determination
- Roglins- Sent comments on the final submittal

> Mayme Shaddock Park

• Waiting for complete submittal-Received 95% structural & civil set with architectural plans. I have prints if you are interested to view let me know.



JALIZATION PURPOSES ONLY



PUBLIC WORKS & COMMUNITY DEVELOPMENT

407 Birch Ave SW, P. O. Box 810 Napavine, WA 98565 Phone: (360) 262-9344 Fax: (360) 262-9199 www.napavine.wa.gov

Critical Areas ordinance: waiting for ecologies approval

> Shoreline: Done, waiting for critical area's approval from ecology

Rush Road: going to advertising

➤ Jefferson Station: working on design

➤ Housing Action Plan: on schedule

➤ Hired a full-time temp in the public works/community development department to help with all the required projects due to the state. Water system update, lead service line inventory, etc.



Municipal Court

407 Birch Ave SW, P. O. Box 179 Napavine, WA 98565 Phone: (360) 262-9231 Fax: (360) 262-9885

www.cityofnapavine.com

To: Mayor and City Council

From: Lacie DeWitt, Court Administrator

RE: Court Administrator's Report for Council Meeting, May 9, 2023

Administrator's Report:

- * Received notice that furniture is being shipped to warehouse. Anticipate installation later this month or early June.
- **❖** Attended the MPA Conference in Lake Chelan. The diverse variety of information that was shared at this conference by several entities (e.g., DOL, AOC, National Association of Drug Court Practices) and professionals in the field was very beneficial.
- **❖** The Municipal Court Office will be closed May 8-10, 2023, to attend DMCMA Conference and Court Administrator's Academy in Vancouver, WA.



NAPAVINE PLANNING COMMISSION MINUTES April 17, 2023 6:00 P.M.

Napavine City Hall, 407 Birch Ave SW, Napavine, WA

PLEDGE OF ALLEGIANCE:

INVOCATION: Invocation was led by Director Morris.

CALL TO ORDER:

Commissioner Graham opened the regular Planning Commission meeting to order at 6:00 PM

ROLL CALL:

Planning Commission present: Commissioner Graham, Commissioner Morris, Commissioner Haberstroh, and Commissioner Hollinger. Commissioner Haberstroh motioned to excuse Commissioner Collins, seconded by Commissioner Hollinger. Vote on Motion 3 aye, 0 nay.

<u>APPROVAL OF AGENDA – As presented:</u>

<u>Commissioner Morris motioned to approve the agenda as presented, seconded by Commissioner Hollinger. Vote on motion 3 aye, 0 nay.</u>

APPROVAL OF MINUTES:

<u>Commissioner Hollinger motioned to approve minutes from the Planning Commission Meeting on April 3, 2023, seconded by Commissioner Morris.</u> Vote on motion 3 aye and 0 nay.

OLD BUSINESS:

1. Review NMC 13.02.040 Developer connection fee/capacity charge payment.

Director Morris stated his research was on Winlock's code. Winlock has a fee for water only that is attached to land use approval. Executive Assistant Katie Williams talked about the code she found from West Richland that mirrors somewhat what Winlock is doing. Will this fee be subtracted from hook up fees when the building permit is issued, or is that a nonrefundable fee? This fee would be for subdivisions over 10 lots. Commissioner Haberstroh wanted to make sure that the fee when collected is earmarked for those lots. The Planning Commission wants Bryan and Katie to write up a rough draft code that has the \$1000 infrastructure fee at approval of land use.

Commissioner Haberstroh motioned to have Bryan and Katie work to write up a rough draft to present at next meeting, seconded by Commissioner Morris. Vote on motion 3 aye and 0 nay.

2. Lodging Tax Ordinance.

<u>Director Morris</u> stated the lodging tax ordinance is already in place, but if we were to add a rv park, hotel, or anything that has to do with recreation, the funds would go to the county. Doing this ordinance would allow the city to capture those funds instead of the county.

<u>Commissioner Haberstroh motioned to move the Lodging Tax Ordinance to council, seconded by Commissioner Morris. Vote on motion 3 aye and 0 nay.</u>

CONSIDERATION:

Director Morris stated that we are proceeding forward with reviewing/changing codes. **Commissioner Haberstroh** would like to add recreational vehicle parks standards to the list to be reviewed.

Commissioner Hollinger brought up people living in rvs again, didn't have the chance to visit the police department yet.

GOOD OF THE ORDER:

Executive Assistant Katie Williams was notified that a congratulations was needed for Commissioner Haberstroh on becoming an elected member of the Lewis County Boundary Review Board Committee. Chairwoman Graham thanked council members Heather Stewart and Ivan Wiediger on attending the workshop and regular meeting

Napavine Planning Commission Meeting April 17, 2023 Page **2** of **2**

tonight. Executive Assistant Katie Williams also thanked Commissioner Haberstroh for inviting Joe Clark to the workshop, he provided a wealth of information/knowledge to the School District and the City.

ADJOURNMENT 6:41 pm

Commissioner Haberstroh motioned to adjourn, seconded by Commissioner Hollinger. Vote 3 aye, 0 nay.

These minutes are not verbatim. If so desired, a recording of this meeting is available online at https://fccdl.in/UKbuf4uJsq

Respectfully submitted,

Bryan Morris, Community Development/Public Works Director

Planning Commission Chairperson

From: Charley Hollinger
To: Rachelle Denham

Subject: City Council May School Events

Date: Thursday, May 4, 2023 9:20:09 AM

CAUTION: External Email

Hey Rachelle it's Charley Hollinger! Here is Mays school events that I will be presenting at city council on Tuesday. On May 11 there is the spring bingo for the Napavine High school cheer team (I will provide details), yearbook order deadline on May 31, Kindergarten registrations, No school on May 12 and May 29, Spring band concert on May 23 (will provide details). Thank you so much and I will see you on Tuesday!

Voucher Report May 9, 2023

Council Date: 2023 - May - May 2023 1st Council Meeting

Reference	Date	Amount Notes
Reference Number: 38227	Transient Vendor	\$200.00
1023.3 Deposit Refund	4/27/2023	\$200.00
Reference Number: 38228	Office of Support Enforcement	\$228.00
Child Support - 14683	5/2/2023	\$228.00
Reference Number: 38229	International Brotherhood Teamsters	\$758.00
Union Duco 14660	Local 252 4/19/2023	\$47.75
Union Dues - 14668	4/19/2023	\$40.75
Union Dues - 14669		\$31.75
Union Dues - 14671	4/19/2023	\$32.25
Union Dues - 14672	4/19/2023	
Union Dues - 14673	4/19/2023	\$33.25
Union Dues - 14674	4/19/2023	\$33.00
Union Dues - 14676	4/19/2023	\$32.25
Union Dues - 14677	4/19/2023	\$31.75
Union Dues - 14680	4/19/2023	\$32.25
Union Dues - 14681	4/19/2023	\$49.75
Union Dues - 14682	5/2/2023	\$59.75
Union Dues - 14683	5/2/2023	\$21.75
Union Dues - 14686	5/2/2023	\$37.75
Union Dues - 14687	5/2/2023	\$39.25
Union Dues - 14688	5/2/2023	\$41.25
Union Dues - 14689	5/2/2023	\$39.50
Union Dues - 14690	5/2/2023	\$36.75
Union Dues - 14691	5/2/2023	\$39.25
Union Dues - 14692	5/2/2023	\$43.75
Union Dues - 14695	5/2/2023	\$34.25
Reference Number: 38230	Badger Meter	\$207.52
80126279	4/28/2023	\$207.52 2023 April Badger meter 207

1

Reference	Date	Amount Notes
Reference Number: 38231	Buzzard O'Rourke	\$9,500.00
11640	4/25/2023	\$680.00 TIB Agreements Lewis/Thurston/ AT&T
11645	4/25/2023	\$4,980.00 ILA Agreement
11655	4/25/2023	\$480.00 2023 - March/April Pass Thru BP ARCO
11671	4/25/2023	\$3,360.00 2023 April Prosecution
Reference Number: 38232	City of Chehalis	\$14,043.00
2023-April*RWWTP	4/30/2023	\$14,043.00 23*April Monthly Sewer Treatment Costs
Reference Number: 38233	City of Napavine	\$1,717.70
2023*March Utility Tax	4/25/2023	\$1,717.70 2023- Mar Water/Sewer Service Utility Tax
Reference Number: 38234	Daily Journal of Commerce	\$283.20
Invoice - 5/5/2023 9:26:56 AM	5/5/2023	\$283.20 Chip Seal Scrub Seal Various
Reference Number: 38235	Dollar General-Regions 410526	\$87.32
1001239555	4/4/2023	\$87.32 12 gallons bleach
Reference Number: 38236	Flannery Publications	\$84.50
61460	4/19/2023	\$84.50 Public Hearing A T & T
Reference Number: 38237	Jackson Civil Engineering LLC	\$38,977.50
0016-26-01	5/3/2023	\$38,977.50 Lewis/Thurston Chip Seal Projects
Reference Number: 38238	Joseph O. Enbody	\$1,140.00
2023*April Indigent	5/3/2023	\$1,140.00 6.0 Units
Reference Number: 38239	LCSO-Corrections Bureau	\$689.44
2023*April jail	5/3/2023	\$689.44 2023 *Apr- 8.5 # of beds days
Reference Number: 38240	Lewis County Public Health Department	\$112.00
6796	4/28/2023	\$112.00 4 testing bottles
Reference Number: 38241	Lewis County Public Works	\$2,062.61
6790	4/27/2023	\$2,062.61 guardrail repair

Reference	Date	Amount Notes
Reference Number: 38242	Lewis County PUD	\$3,816.12
104755002*2023-May	4/24/2023	\$28.50 3/14-4/12/23 Rush Rd Lights
104755003*2023-May	4/24/2023	\$32.57 3/12-4/12/23 E Park St
104755004*2023- May	4/24/2023	\$51.41 3/14-4/12/23 Wa & 2nd Traffic signal
104755005*2023-may	4/24/2023	\$42.96 3/14-4/12/23 Ball Park Lights/WA Street
104755006*2023-May	4/24/2023	\$45.35 3/14-4/12 Linhart Ave Lights
104755007*2023-May	4/24/2023	\$40.59 3/14-4/12/23 Overpass/Restroom
104755008*2023-May	4/24/2023	\$80.62 3/14-4/12/23 PW Shop
104755009*2023-May	4/24/2023	\$73.32 3/14-4/12/23 Wash St Park Concessions
104755011*2023-May	4/24/2023	\$31.97 3/14-4/12/23 Stadium Heights
104755012*2023-May	4/24/2023	\$40.71 3/14-4/12/23 Birch Ave Traffic signal
104755014*2023-May	4/24/2023	\$34.45 3/14-4/12/23 WA Street lighting
104755015*2023-May	4/24/2023	\$45.51 3/14-4/12/23 Camden Way lights
104755016*2023 May	4/24/2023	\$41.60 3/14-4/12/23 Parkside Loop lights
104755017*2023-May	4/24/2023	\$126.61 3/14-4/12/23 3rd Ave Nw Pump Station
104755018*2023 May	4/24/2023	\$891.58 3/14-4/12/23 80 Low LED 20High LEd
104755019*2023-May	4/24/2023	\$69.44 3/14-4/12/23 Chieri Ct Sewer Station
104755020*2023 May	4/24/2023	\$650.53 3/14-4/12/23 Well #5 Birch
104755021*2023 May	4/24/2023	\$264.57 3/14-4/12/23 Jefferson St Pump
104755022*2023-May	4/24/2023	\$269.78 3/14-4/12 Rush Rd Pump
104755023*2023 May	4/24/2023	\$123.92 3/14-4/12/23 Well #3 Rowell
104755024*2023 May	4/24/2023	\$128.82 3/12-4/12/23 Well #2 Front St
104755025*2023-May	4/24/2023	\$269.34 3/14-4/12/23 W Washington pump
115588001*2023-May	4/24/2023	\$50.11 3/14-4/12/23 Rathburn St
115588002*2023*May	4/24/2023	\$36.09 3/14-4/12/23 4th & Stella
124227003*2023-May	4/24/2023	\$281.08 3/14-4/12/23 City Hall
128323001*2023-May	4/24/2023	\$33.59 3/12-4/12/23 Ampitheater
128578003*2023-May	4/24/2023	\$31.10 3/14-4/12/23 Sommerville Rd light
Reference Number: 38243	Mountain Mist	\$39.12
005348204	4/20/2023	\$22.66 2- 5 gal water jugs PD/Court
005348205	4/20/2023	\$16.46 5 gal water jugs city hall

Reference	Date	Amount Notes
Reference Number: 38244	Mrs. Klean Janitorial	\$634.00
INV-2078	5/1/2023	\$634.00 2023 - May Clean City Hall
Reference Number: 38245	Quill Corporation	\$181.32
31991042	4/17/2023	\$80.01 Calculator, register tape, plates
32078125	4/21/2023	\$101.31 2 boxes envelopes
Reference Number: 38246	Rodda Paint Co	\$528.10
43103777	5/3/2023	\$528.10 Striping Paint Yellow 4-5 gallon
Reference Number: 38247	Sweeny's Ace Hardware	\$250.51
891519	4/4/2023	\$18.32 contractor Bags
891525	4/4/2023	\$26.44 keys
891643	4/5/2023	\$19.39 brass hose w/shutoff
891689	4/6/2023	\$19.39 grass seed
891744	4/7/2023	\$15.08 Compound front office
891942	4/10/2023	\$8.61 clorox
891958	4/10/2023	\$27.77 Spring Snap/rainshwr/krud
892115	4/12/2023	\$16.15 2 clorox
892637	4/17/2023	\$9.97 3 pak key schlage
892710	4/18/2023	\$3.22 kwi 50 pak
892746	4/18/2023	\$12.93 2 pk 9 volt battery
892814	4/19/2023	\$38.72 duct tape/concret/bags
893327	4/24/2023	\$4.95 rollers - front office
893411	4/25/2023	\$8.24 mis fasteners
893427	4/25/2023	\$6.69 mis fasteners
893734	4/28/2023	\$14.64 screwsetter/link chain
Invoice - 5/3/2023 4:30:22 PM	5/3/2023	\$0.00
Reference Number: 38248	Transient Vendor	\$334.05
2023 April Miles Court	5/3/2023	\$334.05 MPA Conference Dewitt

Council Date: 2023 - May - May 2023 1st Council Meeting

Reference	Date	Amount Notes
Reference Number: 38249	Transient Vendor	\$180.12
2023 April Miles Treasurer	5/3/2023	\$180.12 return miles from Chelan
Reference Number: 38250	Transient Vendor	\$250.00
23 LE Torch Run	5/5/2023	\$250.00 Special Olympics Lewis County
Reference Number: 38251	Transient Vendor	\$253.64
3206.0 Chelgren	5/3/2023	\$253.64 Refund Overpayment Acc 3206.0 653
Reference Number: 38252	US Cellular	\$1,206.74
0574010749	4/12/2023	\$226.13 2023- US Cell Phone 3/12-4/11 PW
574082104	4/12/2023	\$933.32
575844803	4/20/2023	\$47.29 2023-3/20-4/19 US Cell Phone Treasurer
Reference Number: 38253	Utilities Underground Location Center	\$18.06
3040195	4/30/2023	\$18.06 2023*Apr 14 Locates
Reference Number: 38254	Vander Stoep, Blinks, Jones &	\$2,200.00
2022 A off Late	Unzelman 5/3/2023	\$1,100.00 2023-April Judge
2023 April Judge	5/3/2023	\$1,100.00 2023-April Judge \$1,100.00 2023-May Judge
2023 May Judge	3/3/2023	\$1,100.00 2023-Way Sudge
Reference Number: 38255	WA Public Treasurers Association	\$375.00
2023 Conference WPTA	5/3/2023	\$375.00 2023 WPTA Conf
Reference Number: 38256	Zebra Computers	\$145.53
21337	4/26/2023	\$145.53 Zoom w/WSP Access Audit
Reference Number: April 16-30, 2023	Payroll Vendor	\$31,367.64
ACH Pay - 14682	5/2/2023	\$4,017.30
ACH Pay - 14683	5/2/2023	\$1,592.78
ACH Pay - 14684	5/2/2023	\$893.00
ACH Pay - 14685	5/2/2023	\$2,747.21

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Reference	Date	Amount Notes
ACH Pay - 14686	5/2/2023	\$1,942.61
ACH Pay - 14687	5/2/2023	\$2,077.48
ACH Pay - 14688	5/2/2023	\$2,497.49
ACH Pay - 14689	5/2/2023	\$2,316.81
ACH Pay - 14690	5/2/2023	\$2,897.38
ACH Pay - 14691	5/2/2023	\$1,877.87
ACH Pay - 14692	5/2/2023	\$2,510.33
ACH Pay - 14693	5/2/2023	\$905.25
ACH Pay - 14694	5/2/2023	\$3,179.58
ACH Pay - 14695	5/2/2023	\$1,912.55
Reference Number: EFT*20230501	WA Employment Security - PFML	\$1,731.28
Error PFMLA	4/28/2023	\$0.04
PFML - 14566	1/19/2023	\$24.08
PFML - 14567	1/19/2023	\$13.68
PFML - 14568	1/19/2023	\$19.61
PFML - 14569	1/19/2023	\$15.25
PFML - 14570	1/19/2023	\$13.29
PFML - 14572	1/19/2023	\$18.48
PFML - 14573	1/19/2023	\$15.23
PFML - 14575	1/19/2023	\$15.99
PFML - 14576	1/19/2023	\$19.71
PFML - 14577	1/19/2023	\$6.12
PFML - 14578	1/19/2023	\$20.00
PFML - 14579	1/19/2023	\$15.67
PFML - 14580	1/19/2023	\$15.73
PFML - 14581	1/19/2023	\$24.81
PFML - 14583	2/2/2023	\$13.68
PFML - 14584	2/2/2023	\$19.61
PFML - 14585	2/2/2023	\$17.16
PFML - 14586	2/2/2023	\$13.29
PFML - 14587	2/2/2023	\$15.73

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Reference	Date	Amount Notes
PFML - 14590	2/2/2023	\$24.81
PFML - 14593	2/2/2023	\$6.12
PFML - 14594	2/2/2023	\$20.00
PFML - 14595	2/2/2023	\$15.67
PFML - 14596	2/2/2023	\$24.96
PFML - 14597	2/2/2023	\$17.33
PFML - 14598	2/2/2023	\$22.96
PFML - 14599	2/2/2023	\$17.49
PFML - 14600	2/2/2023	\$20.47
PFML - 14601	2/16/2023	\$24.52
PFML - 14602	2/16/2023	\$14.59
PFML - 14603	2/16/2023	\$19.61
PFML - 14604	2/16/2023	\$15.99
PFML - 14605	2/16/2023	\$13.29
PFML - 14606	2/16/2023	\$15.73
PFML - 14607	2/16/2023	\$16.87
PFML - 14608	2/16/2023	\$22.64
PFML - 14609	2/16/2023	\$24.81
PFML - 14610	2/16/2023	\$15.99
PFML - 14611	2/16/2023	\$18.24
PFML - 14612	2/16/2023	\$6.12
PFML - 14613	2/16/2023	\$20.00
PFML - 14614	2/16/2023	\$15.67
PFML - 14619	3/2/2023	\$27.06
PFML - 14626	3/2/2023	\$3.06
PFML - 14630	3/2/2023	\$24.46
PFML - 14631	3/2/2023	\$14.94
PFML - 14632	3/2/2023	\$28.66
PFML - 14633	3/2/2023	\$15.99
PFML - 14634	3/2/2023	\$15.73
PFML - 14635	3/2/2023	\$16.87
PFML - 14636	3/2/2023	\$16.39

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Reference	Date	Amount Notes
PFML - 14637	3/2/2023	\$25.47
PFML - 14638	3/2/2023	\$16.57
PFML - 14639	3/2/2023	\$18.23
PFML - 14640	3/2/2023	\$29.23
PFML - 14641	3/2/2023	\$15.67
PFML - 14642	3/17/2023	\$24.90
PFML - 14643	3/17/2023	\$13.68
PFML - 14644	3/17/2023	\$19.61
PFML - 14645	3/17/2023	\$15.99
PFML - 14646	3/17/2023	\$15.73
PFML - 14647	3/17/2023	\$17.78
PFML - 14648	3/17/2023	\$16.37
PFML - 14649	3/17/2023	\$24.81
PFML - 14650	3/17/2023	\$15.99
PFML - 14651	3/17/2023	\$19.13
PFML - 14652	3/17/2023	\$6.12
PFML - 14653	3/17/2023	\$20.00
PFML - 14654	3/17/2023	\$15.67
PFML - 14655	4/3/2023	\$26.55
PFML - 14656	4/3/2023	\$15.51
PFML - 14657	4/3/2023	\$33.19
PFML - 14658	4/3/2023	\$15.99
PFML - 14659	4/3/2023	\$15.73
PFML - 14660	4/3/2023	\$16.24
PFML - 14661	4/3/2023	\$16.78
PFML - 14662	4/3/2023	\$24.81
PFML - 14663	4/3/2023	\$16.86
PFML - 14664	4/3/2023	\$22.52
PFML - 14665	4/3/2023	\$3.06
PFML - 14666	4/3/2023	\$33.85
PFML - 14667	4/3/2023	\$15.67
PFML - 14668	4/19/2023	\$29.53

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Reference	Date	Amount Notes
PFML - 14669	4/19/2023	\$15.05
PFML - 14670	4/19/2023	\$28.66
PFML - 14671	4/19/2023	\$15.99
PFML - 14672	4/19/2023	\$15.73
PFML - 14673	4/19/2023	\$17.15
PFML - 14674	4/19/2023	\$17.22
PFML - 14676	4/19/2023	\$15.99
PFML - 14677	4/19/2023	\$26.00
PFML - 14678	4/19/2023	\$6.12
PFML - 14679	4/19/2023	\$21.39
PFML - 14680	4/19/2023	\$15.70
PFML - 14681	4/19/2023	\$24.84
Reference Number: EFT*20230502	Dept of Labor & Industry	\$9,841.87
23 Q1 Police L & I	4/28/2023	\$0.50
Admin 23 q1	4/28/2023	\$0.14
Emp L&I - 14566	1/19/2023	\$184.03
Emp L&I - 14567	1/19/2023	\$89.31
Emp L&I - 14568	1/19/2023	\$12.37
Emp L&I - 14569	1/19/2023	\$11.56
Emp L&I - 14570	1/19/2023	\$12.20
Emp L&I - 14572	1/19/2023	\$85.58
Emp L&I - 14573	1/19/2023	\$184.03
Emp L&I - 14575	1/19/2023	\$69.46
Emp L&I - 14576	1/19/2023	\$179.43
Emp L&I - 14577	1/19/2023	\$92.02
Emp L&I - 14578	1/19/2023	\$9.44
Emp L&I - 14579	1/19/2023	\$12.03
Emp L&I - 14580	1/19/2023	\$12.03
Emp L&I - 14581	1/19/2023	\$100.47
Emp L&I - 14583	2/2/2023	\$89.31
Emp L&I - 14584	2/2/2023	\$15.33

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Reference	Date	Amount Notes
Emp L&I - 14585	2/2/2023	\$15.08
Emp L&I - 14586	2/2/2023	\$14.36
Emp L&I - 14587	2/2/2023	\$12.71
Emp L&I - 14590	2/2/2023	\$104.81
Emp L&I - 14593	2/2/2023	\$92.02
Emp L&I - 14594	2/2/2023	\$13.68
Emp L&I - 14595	2/2/2023	\$14.14
Emp L&I - 14596	2/2/2023	\$234.64
Emp L&I - 14597	2/2/2023	\$109.15
Emp L&I - 14598	2/2/2023	\$241.54
Emp L&I - 14599	2/2/2023	\$106.67
Emp L&I - 14600	2/2/2023	\$211.64
Emp L&I - 14601	2/16/2023	\$209.34
Emp L&I - 14602	2/16/2023	\$99.23
Emp L&I - 14603	2/16/2023	\$15.67
Emp L&I - 14604	2/16/2023	\$14.36
Emp L&I - 14605	2/16/2023	\$4.07
Emp L&I - 14606	2/16/2023	\$14.57
Emp L&I - 14607	2/16/2023	\$109.15
Emp L&I - 14608	2/16/2023	\$255.34
Emp L&I - 14609	2/16/2023	\$81.24
Emp L&I - 14610	2/16/2023	\$112.87
Emp L&I - 14611	2/16/2023	\$211.64
Emp L&I - 14612	2/16/2023	\$92.02
Emp L&I - 14613	2/16/2023	\$13.47
Emp L&I - 14614	2/16/2023	\$14.36
Emp L&I - 14626	3/2/2023	\$46.01
Emp L&I - 14630	3/2/2023	\$163.33
Emp L&I - 14631	3/2/2023	\$79.38
Emp L&I - 14632	3/2/2023	\$11.94
Emp L&I - 14633	3/2/2023	\$9.91
Emp L&I - 14634	3/2/2023	\$10.84

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Emp L&I - 14635 3/2/2023 \$79.38 Emp L&I - 14636 3/2/2023 \$165.63 Emp L&I - 14637 3/2/2023 \$66.05 Emp L&I - 14638 3/2/2023 \$69.46	
Emp L&I - 14637 3/2/2023 \$66.05	
Emp L&I - 14638 3/2/2023 \$69.46	
Emp L&I - 14639 3/2/2023 \$188.63	
Emp L&I - 14640 3/2/2023 \$13.42	
Emp L&I - 14641 3/2/2023 \$13.21	
Emp L&I - 14642 3/17/2023 \$188.63	
Emp L&I - 14643 3/17/2023 \$109.15	
Emp L&I - 14644 3/17/2023 \$22.32	
Emp L&I - 14645 3/17/2023 \$11.69	
Emp L&I - 14646 3/17/2023 \$14.74	
Emp L&I - 14647 3/17/2023 \$109.15	
Emp L&I - 14648 3/17/2023 \$184.03	
Emp L&I - 14649 3/17/2023 \$108.84	
Emp L&I - 14650 3/17/2023 \$99.23	
Emp L&I - 14651 3/17/2023 \$200.13	
Emp L&I - 14652 3/17/2023 \$92.02	
Emp L&I - 14653 3/17/2023 \$21.22	
Emp L&I - 14654 3/17/2023 \$11.43	
Emp L&I - 14655 4/3/2023 \$197.83	
Emp L&I - 14656 4/3/2023 \$119.07	
Emp L&I - 14657 4/3/2023 \$20.71	
Emp L&I - 14658 4/3/2023 \$16.05	
Emp L&I - 14659 4/3/2023 \$16.26	
Emp L&I - 14660 4/3/2023 \$69.46	
Emp L&I - 14661 4/3/2023 \$184.03	
Emp L&I - 14662 4/3/2023 \$119.07	
Emp L&I - 14663 4/3/2023 \$119.07	
Emp L&I - 14664 4/3/2023 \$227.74	
Emp L&I - 14665 4/3/2023 \$46.01	
Emp L&I - 14666 4/3/2023 \$19.57	

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Reference	Date	Amount Notes
Emp L&I - 14667	4/3/2023	\$16.26
Emp L&I - 14668	4/19/2023	\$213.94
Emp L&I - 14669	4/19/2023	\$79.38
Emp L&I - 14670	4/19/2023	\$16.77
Emp L&I - 14671	4/19/2023	\$10.50
Emp L&I - 14672	4/19/2023	\$12.54
Emp L&I - 14673	4/19/2023	\$89.31
Emp L&I - 14674	4/19/2023	\$193.23
Emp L&I - 14676	4/19/2023	\$99.23
Emp L&I - 14677	4/19/2023	\$253.04
Emp L&I - 14678	4/19/2023	\$92.02
Emp L&I - 14679	4/19/2023	\$14.57
Emp L&I - 14680	4/19/2023	\$9.49
Emp L&I - 14681	4/19/2023	\$86.82
L&I - 14566	1/19/2023	\$31.99
L&I - 14567	1/19/2023	\$21.67
L&I - 14568	1/19/2023	\$7.53
L&I - 14569	1/19/2023	\$7.04
L&I - 14570	1/19/2023	\$7.43
L&I - 14572	1/19/2023	\$20.77
L&I - 14573	1/19/2023	\$31.99
L&I - 14575	1/19/2023	\$16.85
L&I - 14576	1/19/2023	\$31.19
L&I - 14577	1/19/2023	\$16.00
L&I - 14578	1/19/2023	\$5.75
L&I - 14579	1/19/2023	\$7.33
L&I - 14580	1/19/2023	\$7.33
L&I - 14581	1/19/2023	\$24.38
L&I - 14583	2/2/2023	\$21.67
L&I - 14584	2/2/2023	\$9.34
L&I - 14585	2/2/2023	\$9.18
L&I - 14586	2/2/2023	\$8.75

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D-f	D-1-	Amazini Nataa
Reference	Date	Amount Notes
L&I - 14587	2/2/2023	\$7.74
L&I - 14590	2/2/2023	\$25.43
L&I - 14593	2/2/2023	\$16.00
L&I - 14594	2/2/2023	\$8.33
L&I - 14595	2/2/2023	\$8.62
L&I - 14596	2/2/2023	\$40.79
L&I - 14597	2/2/2023	\$26.48
L&I - 14598	2/2/2023	\$41.99
L&I - 14599	2/2/2023	\$25.88
L&I - 14600	2/2/2023	\$36.79
L&I - 14601	2/16/2023	\$36.39
L&I - 14602	2/16/2023	\$24.08
L&I - 14603	2/16/2023	\$9.55
L&I - 14604	2/16/2023	\$8.75
L&I - 14605	2/16/2023	\$2.48
L&I - 14606	2/16/2023	\$8.88
L&I - 14607	2/16/2023	\$26.48
L&I - 14608	2/16/2023	\$41.19
L&I - 14609	2/16/2023	\$19.71
L&I - 14610	2/16/2023	\$24.98
L&I - 14611	2/16/2023	\$36.79
L&I - 14612	2/16/2023	\$16.00
L&I - 14613	2/16/2023	\$8.20
L&I - 14614	2/16/2023	\$8.75
L&I - 14626	3/2/2023	\$8.00
L&I - 14630	3/2/2023	\$28.39
L&I - 14631	3/2/2023	\$19.26
L&I - 14632	3/2/2023	\$7.28
L&I - 14633	3/2/2023	\$6.04
L&I - 14634	3/2/2023	\$6.60
L&I - 14635	3/2/2023	\$19.26
L&I - 14636	3/2/2023	\$28.79

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Reference	Date	Amount Notes
L&I - 14637	3/2/2023	\$16.03
L&I - 14638	3/2/2023	\$16.85
L&I - 14639	3/2/2023	\$32.79
L&I - 14640	3/2/2023	\$8.18
L&I - 14641	3/2/2023	\$6.40
L&I - 14642	3/17/2023	\$32.79
L&I - 14643	3/17/2023	\$26.48
L&I - 14644	3/17/2023	\$13.60
L&I - 14645	3/17/2023	\$7.12
L&I - 14646	3/17/2023	\$8.98
L&I - 14647	3/17/2023	\$26.48
L&I - 14648	3/17/2023	\$31.99
L&I - 14649	3/17/2023	\$26.41
L&I - 14650	3/17/2023	\$24.08
L&I - 14651	3/17/2023	\$34.79
L&I - 14652	3/17/2023	\$16.00
L&I - 14653	3/17/2023	\$12.93
L&I - 14654	3/17/2023	\$6.97
L&I - 14655	4/3/2023	\$34.39
L&I - 14656	4/3/2023	\$28.89
L&I - 14657	4/3/2023	\$12.62
L&I - 14658	4/3/2023	\$9.78
L&I - 14659	4/3/2023	\$9.91
L&I - 14660	4/3/2023	\$16.85
L&I - 14661	4/3/2023	\$31.99
L&I - 14662	4/3/2023	\$28.89
L&I - 14663	4/3/2023	\$28.89
L&I - 14664	4/3/2023	\$39.59
L&I - 14665	4/3/2023	\$8.00
L&I - 14666	4/3/2023	\$11.92
L&I - 14667	4/3/2023	\$9.91
L&I - 14668	4/19/2023	\$37.19

Reference	Date	Amount Notes
L&I - 14669	4/19/2023	\$19.26
L&I - 14670	4/19/2023	\$10.22
L&I - 14671	4/19/2023	\$6.40
L&I - 14672	4/19/2023	\$7.64
L&I - 14673	4/19/2023	\$21.67
L&I - 14674	4/19/2023	\$33.59
L&I - 14676	4/19/2023	\$24.08
L&I - 14677	4/19/2023	\$43.99
L&I - 14678	4/19/2023	\$16.00
L&I - 14679	4/19/2023	\$8.88
L&I - 14680	4/19/2023	\$5.78
L&I - 14681	4/19/2023	\$21.07
PW 23 Q1 L & I	4/28/2023	(\$0.67)
Q1 23 Reserve L & I	4/28/2023	\$37.43
Reference Number: EFT*20230503	Dept of Revenue	\$1,353.04
2023*March Excise Tax	4/25/2023	\$1,353.04 2023 Mar Excise
Reference Number: EFT*20230504	Home Depot Credit Services	\$144.33
34457	4/12/2023	\$21.93 Hinges front office
8030103	4/24/2023	\$72.62 Park Benches
9514207	4/13/2023	\$27.85 Orb bolt 2.5"
9521110	4/13/2023	\$21.93 Hinges front office
Reference Number: EFT*20230505	US Cellular	\$54.71
	4/2/2023	\$54.71 \$54.71 4/2-5/1/23 cell phone
0571885314	4/2/2023	\$54.71 4/2-5/1/25 Cell priorie
Reference Number: EFT*20230506	WAVE	\$446.30
104979801-0010109	4/17/2023	\$446.30 2023- WAVE Phone & Internet 4/19-5/18
Reference Number: EFT*20230507	WAVE	\$121.87
032776101-0010109	4/17/2023	\$121.87 2023- WAVE Phone 4/19-5/18 pd

Reference	Date	Amount Notes
Reference Number: EFT*20230508	WAVE	\$91.27
032768701-0010119	5/15/2023	\$91.27 2023- WAVE Phone & Internet 4/23-5/22
Reference Number: EFT*20230509	AFLAC Remittance Processing	\$543.20
Aflac - 14668	4/19/2023	\$32.36
Aflac - 14670	4/19/2023	\$27.17
Aflac - 14682	5/2/2023	\$32.37
Aflac - 14685	5/2/2023	\$27.17
Aflac Disability - 14670	4/19/2023	\$47.84
Aflac Disability - 14679	4/19/2023	\$68.54
Aflac Disability - 14681	4/19/2023	\$95.68
Aflac Disability - 14685	5/2/2023	\$47.84
Aflac Disability - 14690	5/2/2023	\$95.68
Aflac Disability - 14694	5/2/2023	\$68.55
Reference Number: EFT*20230510	Washington Teamsters Welfare Trust	\$205.20
Vision Insurance - 14676	4/19/2023	\$8.55
Vision Insurance - 14679	4/19/2023	\$8.55
Vision Insurance - 14680	4/19/2023	\$8.55
Vision Insurance - 14681	4/19/2023	\$8.55
Vision Insurance - 14682	5/2/2023	\$17.10
Vision Insurance - 14683	5/2/2023	\$17.10
Vision Insurance - 14685	5/2/2023	\$17.10
Vision Insurance - 14686	5/2/2023	\$17.10
Vision Insurance - 14687	5/2/2023	\$17.10
Vision Insurance - 14688	5/2/2023	\$17.10
Vision Insurance - 14689	5/2/2023	\$17.10
Vision Insurance - 14690	5/2/2023	\$8.55
Vision Insurance - 14691	5/2/2023	\$8.55
Vision Insurance - 14692	5/2/2023	\$17.10
Vision Insurance - 14694	5/2/2023	\$8.55

Reference	Date	Amount Notes
Vision Insurance - 14695	5/2/2023	\$8.55
Reference Number: EFT*20230511	Vimly Benefit Solutions, Inc	\$13,302.80
2023 May LEOFF 1	5/4/2023	\$742.50
Medical Dental - 14676	4/19/2023	\$335.42
Medical Dental - 14679	4/19/2023	\$15.67
Medical Dental - 14680	4/19/2023	\$263.14
Medical Dental - 14681	4/19/2023	\$46.56
Medical Dental - 14690	5/2/2023	\$46.56
Medical Dental - 14691	5/2/2023	\$335.42
Medical Dental - 14694	5/2/2023	\$15.67
Medical Dental - 14695	5/2/2023	\$263.14
Medical/Dental - 14682	5/2/2023	\$929.84
Medical/Dental - 14683	5/2/2023	\$929.84
Medical/Dental - 14685	5/2/2023	\$929.84
Medical/Dental - 14686	5/2/2023	\$929.84
Medical/Dental - 14687	5/2/2023	\$929.84
Medical/Dental - 14688	5/2/2023	\$929.84
Medical/Dental - 14689	5/2/2023	\$929.84
Medical/Dental - 14690	5/2/2023	\$950.00
Medical/Dental - 14691	5/2/2023	\$950.00
Medical/Dental - 14692	5/2/2023	\$929.84
Medical/Dental - 14694	5/2/2023	\$950.00
Medical/Dental - 14695	5/2/2023	\$950.00
Reference Number: EFT*20230512	Nationwide Retirement Solutions	\$5,534.64
Deferred Comp - 14668	4/19/2023	\$150.00
Deferred Comp - 14669	4/19/2023	\$150.00
Deferred Comp - 14670	4/19/2023	\$300.00
Deferred Comp - 14671	4/19/2023	\$294.88
Deferred Comp - 14673	4/19/2023	\$50.00
Deferred Comp - 14674	4/19/2023	\$50.00

Council Date: 2023 - May - May 2023 1st Council Meeting

Reference	Date	Amount Notes
Deferred Comp - 14676	4/19/2023	\$200.00
Deferred Comp - 14677	4/19/2023	\$100.00
Deferred Comp - 14679	4/19/2023	\$300.00
Deferred Comp - 14680	4/19/2023	\$100.00
Deferred Comp - 14681	4/19/2023	\$150.00
Deferred Comp - 14682	5/2/2023	\$150.00
Deferred Comp - 14683	5/2/2023	\$150.00
Deferred Comp - 14685	5/2/2023	\$300.00
Deferred Comp - 14686	5/2/2023	\$294.88
Deferred Comp - 14688	5/2/2023	\$50.00
Deferred Comp - 14689	5/2/2023	\$50.00
Deferred Comp - 14690	5/2/2023	\$150.00
Deferred Comp - 14691	5/2/2023	\$200.00
Deferred Comp - 14692	5/2/2023	\$100.00
Deferred Comp - 14694	5/2/2023	\$300.00
Deferred Comp - 14695	5/2/2023	\$100.00
Deferred Comp Match - 14682	5/2/2023	\$150.00
Deferred Comp Match - 14683	5/2/2023	\$150.00
Deferred Comp Match - 14685	5/2/2023	\$300.00
Deferred Comp Match - 14686	5/2/2023	\$294.88
Deferred Comp Match - 14688	5/2/2023	\$50.00
Deferred Comp Match - 14689	5/2/2023	\$50.00
Deferred Comp Match - 14690	5/2/2023	\$150.00
Deferred Comp Match - 14691	5/2/2023	\$200.00
Deferred Comp Match - 14692	5/2/2023	\$100.00
Deferred Comp Match - 14694	5/2/2023	\$300.00
Deferred Comp Match - 14695	5/2/2023	\$100.00
Reference Number: EFT*20230513	Dept of Retirement Systems	\$6,887.48
Emp Rtmt - 14682	5/2/2023	\$307.31
Emp Rtmt - 14683	5/2/2023	\$259.36
Emp Rtmt - 14684	5/2/2023	\$106.39

Council Date: 2023 - May - May 2023 1st Council Meeting

Reference	Date	Amount Notes
Emp Rtmt - 14685	5/2/2023	\$404.57
Emp Rtmt - 14686	5/2/2023	\$285.38
Emp Rtmt - 14687	5/2/2023	\$280.71
Emp Rtmt - 14688	5/2/2023	\$327.72
Emp Rtmt - 14689	5/2/2023	\$168.95
Emp Rtmt - 14690	5/2/2023	\$443.45
Emp Rtmt - 14691	5/2/2023	\$300.97
Emp Rtmt - 14692	5/2/2023	\$185.86
Emp Rtmt - 14694	5/2/2023	\$493.00
Emp Rtmt - 14695	5/2/2023	\$280.19
Taxable Retirement - 14682	5/2/2023	\$494.60
Taxable Retirement - 14683	5/2/2023	\$158.76
Taxable Retirement - 14684	5/2/2023	\$65.12
Taxable Retirement - 14685	5/2/2023	\$247.65
Taxable Retirement - 14686	5/2/2023	\$174.69
Taxable Retirement - 14687	5/2/2023	\$171.83
Taxable Retirement - 14688	5/2/2023	\$200.61
Taxable Retirement - 14689	5/2/2023	\$271.91
Taxable Retirement - 14690	5/2/2023	\$271.45
Taxable Retirement - 14691	5/2/2023	\$184.23
Taxable Retirement - 14692	5/2/2023	\$299.12
Taxable Retirement - 14694	5/2/2023	\$332.14
Taxable Retirement - 14695	5/2/2023	\$171.51
Reference Number: EFT*20230514	Dept of Treasury Internal Revenue	\$6,760.17
Federal Income Tax - 14682	5/2/2023	\$1,007.38
Federal Income Tax - 14683	5/2/2023	\$272.53
Federal Income Tax - 14684	5/2/2023	\$40.70
Federal Income Tax - 14685	5/2/2023	\$435.64
Federal Income Tax - 14686	5/2/2023	\$234.05
Federal Income Tax - 14687	5/2/2023	\$350.75
Federal Income Tax - 14688	5/2/2023	\$280.15

Council Date: 2023 - May - May 2023 1st Council Meeting

Federal Income Tax - 14689 5/2/2023 \$457.64 Federal Income Tax - 14690 5/2/2023 \$650.21 Federal Income Tax - 14691 5/2/2023 \$168.49	
Federal Income Tax - 14691 5/2/2023 \$168.49	
Federal Income Tax - 14692 5/2/2023 \$523.44	
Federal Income Tax - 14693 5/2/2023 \$43.42	
Federal Income Tax - 14694 5/2/2023 \$733.46	
Federal Income Tax - 14695 5/2/2023 \$143.69	
Medicare - 14682 (1) 5/2/2023 \$85.89	
Medicare - 14682 (2) 5/2/2023 \$85.89	
Medicare - 14683 (1) 5/2/2023 \$36.20	
Medicare - 14683 (2) 5/2/2023 \$36.20	
Medicare - 14684 (1) 5/2/2023 \$14.85	
Medicare - 14684 (2) 5/2/2023 \$14.85	
Medicare - 14685 (1) 5/2/2023 \$56.46	
Medicare - 14685 (2) 5/2/2023 \$56.46	
Medicare - 14686 (1) 5/2/2023 \$39.83	
Medicare - 14686 (2) 5/2/2023 \$39.83	
Medicare - 14687 (1) 5/2/2023 \$39.18	
Medicare - 14687 (2) 5/2/2023 \$39.18	
Medicare - 14688 (1) 5/2/2023 \$45.74	
Medicare - 14688 (2) 5/2/2023 \$45.74	
Medicare - 14689 (1) 5/2/2023 \$46.95	
Medicare - 14689 (2) 5/2/2023 \$46.95	
Medicare - 14690 (1) 5/2/2023 \$61.89	
Medicare - 14690 (2) 5/2/2023 \$61.89	
Medicare - 14691 (1) 5/2/2023 \$42.00	
Medicare - 14691 (2) 5/2/2023 \$42.00	
Medicare - 14692 (1) 5/2/2023 \$52.01	
Medicare - 14692 (2) 5/2/2023 \$52.01	
Medicare - 14693 (1) 5/2/2023 \$15.24	
Medicare - 14693 (2) 5/2/2023 \$15.24	
Medicare - 14694 (1) 5/2/2023 \$68.80	

Council Date: 2023 - May - May 2023 1st Council Meeting

Reference		Date			Amount Notes	
Medicare - 14694 (2)		5/2/2023			\$68.80	
Medicare - 14695 (1)		5/2/2023			\$39.10	
Medicare - 14695 (2)		5/2/2023			\$39.10	
Social Security Tax - 14	693 (1)	5/2/2023			\$65.17	
Social Security Tax - 14	693 (2)	5/2/2023			\$65.17	
·		TOTAL			\$158,888.90	
The following voucher	/warrants/ele	ectronic payments ar	e approved for	payment:		
Accounts Payable	82		29	79,517.10	38227-38256	
Payroll Vendors	2		2	986.00	38228-29	
Electronic Payme	6		6	2,211.52	EFT*20230503-08	
Electronic Payrol	8		8	44,806.64	EFT*20230501-02,09-14	
ACH Direct Depo	15		15	31,367.64	Direct Deposit 5/5/2023	
Total Vouchers	113		60	158,888.90		

WE, THE FOLLOWING SIGNEES, APPROVE THE VOUCHERS FOR PAYMENT:
MAYOR:
TREASURER:
COUNCILOR #1:
COUNCILOR #2:
COUNCILOR #3:
COUNCILOR #4:
COUNCILOR #5:
Police Department - John Brockmueller
Public Works/Community Development - Bryan Morris
Court- Lacie Dewitt
City Clerk - Rachelle Denham:
DATED THIS DAY OF 2023



2023-01 POLICE WEEK

WHEREAS, from the beginning of this Nation, law enforcement officers have played an important role in safeguarding the rights and freedoms which are guaranteed by the Constitution and in protecting the lives and property of our citizens; and

WHERAS, it is important that our people know and understand the problems, duties, and responsibilities of their police department and the necessity for cooperating with them in maintaining law and order; and

WHEREAS, it is fitting and proper that we express our gratitude for the dedicated service and courageous deeds of law enforcement officers and for the contributions they have made to the security and well-being of all our people; and

WHEREAS, on May 4, 1963 President John F. Kennedy designated May 15, 1963 and May 15 of each succeeding year, a Peace Officers Memorial Day, in honor of those peace officers who, through their courageous deeds, have lost their lives or have become disabled in the performance of duty, and the calendar week during which May 15 occurs each succeeding year, as Police Week, in recognition of the service given by the men and women who, night and day, protect us through enforcement of our laws:

NOW, THEREFORE, I, Shawn O'Neill, Mayor of the City of Napavine, do hereby recognize the week of May 15, 2023 to May 21, 2023 to be Police Week and call upon our community and citizens to make every effort, to show our sincere appreciation and express thanks to our police officers, who by their faithful and loyal devotion to their responsibilities have rendered and dedicated service to their community, and in doing so have established for themselves an enviable and enduring reputation for preserving the rights and security of all citizens.

Signed this 9th day of May 2023 in the City of Napavine, State of Washington.

	Shawn O'Neill, Mayor
Attest:	
Rachelle Denham, City Clerk	



May 9, 2023

The Honorable Maria Cantwell United States Senate 511 Hart Senate Office Building Washington, DC 20510

Dear Senator Cantwell,

We are reaching out to your office to express our concerns and strong opposition to any legislation that would allow heavier or longer trucks on our roads. Specifically, we are concerned about HR 471, which allows a significant weight increase for commercial trucks, but we are also aware of discussions about this legislation being included in the farm bill in the agriculture committee.

When discussing this issue, one of the stories that often isn't told is that even though we think of tractor-trailers as being "creatures of the interstates", they have a disproportionate impact on infrastructure and traffic when they leave the interstates and use local roads. Napavine is a great example because of all the truck traffic we have at Exit 72 off I-5, which is Rush Road.

Exit 72 has a large Love's truck stop, and two more similarly sized truck stops are being built. At times, approximately 50% of the on Rush Road is tractor trailer traffic, which can create backups both getting onto the Interstate as well as heading south into town. This is very frustrating for our residents, and already many people avoid this part of town because they don't want to deal with the trucks.

Management of Rush Road itself is also another issue at play. The City of Napavine is 100% responsible for management of Rush Road, and it is in constant need of repair. The pavement is cracked and rutted in many sections, and our city does not have the sufficient funds to keep the road in top condition. Heavier and longer tractor trailers, especially without an additional axle being required, would only make this situation worse and put more of a financial strain on local governments that have to deal with similar issues.

Unfortunately, we do not receive any tax revenue from gas sales, as that all goes to the state. This leaves us paying the bills for road maintenance and any police issues that arise from the presence of the truck stops, but we receive none of the revenue. This is another major problem with bigger truck legislation, that it effectively creates an unfunded mandate. HR 471, for example does not provide any additional revenue that would be allocated to the state or local governments to deal with accelerated road and bridge damage, which has been proven by studies performed by the United States Department of Transportation (USDOT).

Finally, there is a real safety component too our concerns regarding bigger truck legislation. Referring back to our situation with Rush Road, there is already an issue with limited truck parking, and we have many trucks parking on the side of the road, which is unsafe in the first place. Bigger trucks would only exacerbate this problem and create more spatial issues in an already congested area. The USDOT study from 2016 found that trucks over 80,000 pounds had an 18% higher braking violation rate and that longer double trailers took another 22 feet to stop compared to the lengths allowed today.

We urge you to oppose HR 471 and any increases in truck size and weight that might be proposed in the upcoming Farm Bill. The safety and well-being of our community is at stake, and many smaller municipalities around the state would be similarly affected, not to mention all Washingtonians driving on our Interstates.

Sincerely,

Shawn O'Neill Mayor



May 9, 2023

The Honorable Patty Murray United States Senate 154 Russell Senate Office Building Washington, DC 20510

Dear Senator Murray,

We are reaching out to your office to express our concerns and strong opposition to any legislation that would allow heavier or longer trucks on our roads. Specifically, we are concerned about HR 471, which allows a significant weight increase for commercial trucks, but we are also aware of discussions about this legislation being included in the farm bill in the agriculture committee.

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Exit 72 has a large Love's truck stop, and two more similarly sized truck stops are being built. At times, approximately 50% of the on Rush Road is tractor trailer traffic, which can create backups both getting onto the Interstate as well as heading south into town. This is very frustrating for our residents, and already many people avoid this part of town because they don't want to deal with the trucks.

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Sincerely,

Shawn O'Neill Mayor



May 9, 2023

The Honorable Marie Gluesenkamp-Perez United States House of Representatives 1431 Longworth House Office Building Washington, DC 20510

Dear Representative Gluesenkamp-Perez,

We are reaching out to your office to express our concerns and strong opposition to any legislation that would allow heavier or longer trucks on our roads. Specifically, we are concerned about HR 471, which allows a significant weight increase for commercial trucks, but we are also aware of discussions about this legislation being included in the farm bill in the agriculture committee.

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Sincerely,

Shawn O'Neill Mayor

22 Feet: It Matters

The U.S. Department of Transportation's 2016 Final Report to Congress found that longer double-trailer trucks, called "Double 33s," take 22 more feet to stop than twin-trailer trucks that are on the road today.



luuluuluuluuluuluuluuluuluuluuluulu

22 feet



National Organizations Opposing Truck Size & Weight Increases

International Association of Chiefs of Police

National Association of Police Organizations

National Sheriffs' Association

National Troopers Coalition

National Association of Emergency Medical Technicians

Towing and Recovery Association of America, Inc.

Institute for Safer Trucking

AAA

American Public Works Association

National Association of Counties

National Association of County Engineers

National Association of Towns and Townships

National League of Cities

The United States Conference of Mayors

General Federation of Women's Clubs

Owner-Operator Independent Drivers Association

International Brotherhood of Teamsters

SMART Transportation Division

American Short Line and Regional Railroad Association

Association of American Railroads

National Railroad Construction and Maintenance Association

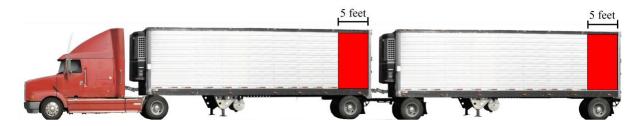
Railway Engineering-Maintenance Suppliers Association

Railway Supply Institute



Proposed Bigger Truck Configurations

Longer Double Trailer Trucks



- FedEx, UPS, Amazon and a handful of other companies have lobbied for legislation that
 would force states to allow double trailer trucks 91 feet in length, called "Double 33s," on the
 federally designated National Network, which includes 200,000 miles of roadways. These
 are 10 feet longer than today's twin trailers and 17 feet longer than standard single trailer
 trucks.
- Double 33s were rejected in the U.S. Senate in November of 2015 on a 56-31 vote.
- The U.S. Department of Transportation (USDOT) determined in 2016 that Double 33s take 252 feet to stop—22 feet longer than today's twin trailer configuration.
- USDOT also found that Double 33s would result in the largest increase in pavement damage compared to all other studied configurations. This would result in \$1.2 billion to \$1.8 billion in estimated pavement damage every year.

Heavier Single Trailer Trucks



- Certain shippers have lobbied to allow heavier single trailer trucks weighing 91,000 pounds—an increase of 11,000 pounds compared to today's trucks—as part of a 10 year, 10 state pilot program. Legislation has also been introduced to raise the national weight limit to 97,000 pounds.
- Legislation to allow 91,000 pound trucks was defeated in the U.S. House in 2015 on a 187-236 vote.
- These 91,000 pound trucks were found in limited state testing by USDOT in 2015 to have 47 percent higher crash rates and cause \$1.1 billion in additional bridge costs.

ABBREVIATIONS

- AB ANCHOR BOLT ACI AMERICAN CONCRETE INSTITUTE AISC AMERICAN INSTITUTE OF STEEL CONSTR.
- ALT ALTERNATE APA AMERICAN PLYWOOD ASSOCIATION
- ARCH ARCHITECTURAL ASTM AMERICAN SOCIETY FOR TESTING & MATERIALS AWS AMERICAN WELDING SOCIETY
- BLKG BLOCKING BM BEAM

BOS BOTTOM OF STEEL

- BOC BOTTOM OF CONCRETE BOD BOTTOM OF DECK
- вот воттом BTWN BETWEEN CIP CAST IN PLACE (CONCRETE)
- CJP COMPLETE JOINT PENETRATION CLR CLEAR COL COLUMN
- CONN CONNECTION CONT CONTINUOUS CVN CHARPY V NOTCH
- DIAM DIAMETER DWGS DRAWINGS (E) EXISTING EA EACH

EL ELEVATION

- ELEC ELECTRICAL ELEV ELEVATION EOR ENGINEER OF RECORD
- EW EACH WAY EQ EQUAL F'C CONCRETE COMPRESSIVE STRENGTH
- F'M MASONRY COMPRESSIVE STRENGTH FDN FOUNDATION FOC FACE OF CONCRETE
- FT FEET FTG FOOTING GA GAGE OR GAUGE GALV GALVANIZED GLB GLUE-LAMINATED BEAM
- HI HIGH HORIZ HORIZONTAL HS HEADED STUD HSH HORIZONTAL SLOTTED HOLE
- HSS HOLLOW STRUCTURAL SECTION IE INVERT ELEVATION INV INVERT LO LOW
- LVL LAMINATED VENEER LUMBER MAX MAXIMUM MECH MECHANICAL MF MOMENT FRAME
- MIN MINIMUM MT MAGNETIC PARTICLE STRIP NA NOT APPLICABLE NFS NON FROST SUSCEPTIBLE NIC NOT IN CONTRACT
- NTS NOT TO SCALE OC ON CENTER OWSJ OPEN WEB STEEL JOIST PLF POUNDS PER LINEAR FOOT PSF POUNDS PER SQUARE FOOT PSI POUNDS PER SQUARE INCH
- P/T PRESSURE TREATED REINF REINFORCING RT RADIOGRAPHIC TEST SDI STEEL DECK INSTITUTE SJI STEEL JOIST INSTITUTE
- SQ SQUARE STD STANDARD TBD TO BE DETERMINED TEMP TEMPERATURE TOC TOP OF CONCRETE TOS TOP OF STEEL

TS TUBE STEEL

- TYP TYPICAL UNO UNLESS NOTED OTHERWISE UT ULTRASONIC
- VERT VERTICAL W WIDE FLANGE DESIGNATION
- WF WIDE FLANGE WHS WEDLED HEADED STUD WP WORK POINT WWF WELDED WIRE FABRIC
- W/ W**I**TH

CONCRETE		LOCATION	28-DAY STRENGTH			MAX. W/C RATIO		AIR ENTRAINMENT	
	INTERIOR SL	ABS (NOT EXPOSED TO FREEZIN	NG) 4,000 P.S.I.			0.45		3%	
	FOOTINGS A	ND WALLS	4,00	00 P.S.I.		0.45		5% +/- 1	%
	EXTERIOR C	ONCRETE (EXPOSED TO FREEZING	G) 4,00	00 P.S.I.		0.50		5% +/- 8	%
DENIEGRANIA	ADDI IOA TION		T. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.			T			
REINFORCING		APPLICATION		TYPE			COMM	MENTS	
		AND STRAIGHT BARS		615, GRAD		SEE LAP S LENGTHS	SPLICE SC	HEDULE FOR	R LAP
	FIELD BENT			615, GRAD	E 60			 	
STRUCTURAL STEEL		APPLICATION		TYPE		GRAE)E	Fy	
		HSS BEAMS AND COLUMNS			STM A500 GRADE C			50 KSI RE	CT.
	BOLTS AT V		ASTM AS			GRADE A			
	HIGH STREN		ASTM A325 GROUP A						
	ANCHOR RODS		ASTM F1	554		GRADE 36			
WOOD		S	SPECIES GI		GRAE)E	СОММЕ	ENTS	
	DIMENSION	WALL STUDS	DOUG. FIR-LARCH			NO. 2			
	LUMBER	PLATES, LEDGERS, HEADERS		DOUG. FIR-LARCH		NO. 2			
		SAWN BEAMS	DOUG. FIR-LARCH		NO. 1				
		POSTS	DOUG. FIR-LARCH			NO. 1			
		BLOCKING, MISC FRAMING	HEM-FIR			STD & BE	TTER		
	GLUED-			ALLOWABLE S			STRESSES - P.S.I.		
	LAMINATED BEAMS	AND FASCIA SHALL BE ARCHITECTURAL APPEARANCE GRADE	SPECIES COMB	Fb TENSION ZONE	Fb COM ZON	P Fv	Fc TENSIC ZONE		1.0 E
		SIMPLE SPANS	DF V4	2400	185	0 190	650	650	1.8
		CONTINUOUS SPANS, CANTILEVERS	DF V8	2400	240	00 190	650	650	1.8
	COMP. LUMBER	LAMINATED VENEER LUMBER		2900	290	00 285		3000	2.0
	WOOD PANEL	APPLICATION	1 (-R //) E 1			N. CK.	SPAN RATING	EXF	POSURE
	SHEATHING	ROOF	APA RA	TED	23,	/32"	48/24	EXP	OSURE
		SHEAR WALLS	APA RA	TED	15,	/32"	32/16	EXP	OSURE :

	STRUCTURAL DE	SIGN CRITERIA SCHE	DULE
CRITERIA	DESCRIPTION	VALUE	COMMENTS
CODE	IBC 2018		WITH CITY OF NAPAVINE LOCAL AMENDMENTS
SEISMIC	ANALYSIS PROCEDURE SEISMIC DESIGN CATEGORY RISK CATEGORY SEISMIC IMPORTANCE FACTOR, IE SITE CLASS 0.2S SPECTRAL RESPONSE ACCELERATION, Ss 1.0S SPECTRAL RESPONSE ACCELERATION, S1 0.2S SPECTRAL RESPONSE COEFFICIENT, Sds 1.0S SPECTRAL RESPONSE COEFFICIENT, Sd1 STRUCTURAL SYSTEM RELIABILITY/REDUNDANCY RESPONSE MODIFICATION FACTOR, R OMEGA Cs V (BASE SHEAR)	ELF D II 1.00 D 1.103 0.481 0.779 0.487 1.0 6.5 2.5 0.311 10.63 K	PER ASCE 7-16 WOOD SHEAR WALLS ASD
	V (DASE SHEAR)	14.88 K	LRFD
WIND	BASIC WIND SPEED (3 SECOND GUST) RISK CATEGORY EXPOSURE FACTOR INTERNAL PRESSURE COEFFICIENT, GCpi	110 MPH B ±0.18	PER ASCE 7-16 BASIC WIND SPEED MAP ENCLOSED BUILDING
COMP. & CLADDING PRESSURES	ROOF ZONE ① ZONE ① ZONE ② ZONE ② ZONE ③	10 Ft ² 100 Ft ² 33 PSF 26 PSF 19 PSF 19 PSF 44 PSF 35 PSF 60 PSF 41 PSF	WIND VALUES SHOWN ARE ULTIMATE LOADS MULTIPLY BY 0.6 FOR ALLOWABLE LOADS VALUES MAY BE NEGATIVE OR POSITIVE VALUES MAY BE INTERPOLATED BETWEEN 10 SQFT AND 100 SQFT SEE FIGURE 30.3-2A OF ASCE 7-16 FOR LOCATIONS OF ZONES
	WALL INTERIOR - ZONE (4) CORNER - ZONE (5)	23 PSF 20 PSF 28 PSF 22 PSF	ZONE 5 EXISTS FOR WALLS WITHIN 3 FT OF WALL CORNERS
ROOF LIVE LOADS	ROOF LIVE LOAD GROUND SNOW LOAD SNOW LOAD EXPOSURE FACTOR THERMAL FACTOR Ct SNOW IMPORTANCE FACTOR FLAT ROOF SNOW LOAD SNOW DRIFT LOADS	20 PSF 25 PSF 1.0 1.1 1.0 25 PSF PER ASCE 7-16	PER CITY OF NAPAVINE
FLOOR LIVE LOADS	1ST LEVEL SLAB ON GRADE	100 PSF	ASSEMBLY AREA: OTHER
FOUNDATIONS	ALLOWABLE SOIL BEARING PRESSURE	1500 PSF	ASSUMED BEARING VALUE FOR FULL LIVE AND DEAD LOADS. NO GEOTECHNICAL REPORT.

DEFERRED SUBMITTALS

DEFERRED SUBMITTAL ITEMS SHALL BE REVIEWED BY THE EOR

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING CALCULATION AND DRAWINGS STAMPED BY AN WASHINGTON REGISTERED PROFESSIONAL ENGINEER FOR THE FOLLOWING CONTRACTOR DESIGNED ITEMS:
- SEISMIC RESTRAINT OF ARCHITECTURAL, MECHANICAL AND ELECTRICAL COMPONENTS
- STEEL FABRICATOR CERTIFICATE OF COMPLIANCE
- ROOFING ATTACHMENT
- FABRIC CANOPY INCLUDING FOUNDATIONS

STRUCTURAL NOTES

ALL MATERIALS, WORKMANSHIP AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE STRUCTURAL DRAWINGS, THE SPECIFICATIONS AND NOTES LISTED BELOW. MINIMUM PROVISIONS OF THE INTERNATIONAL BUILDING CODE (IBC 2018), AND LOCAL AMENDMENTS SHALL APPLY WHERE DETAILS ARE NOT SHOWN OR DESCRIBED.

STRUCTURAL OBSERVATIONS

THE OWNER SHALL EMPLOY THE ENGINEER OF RECORD TO PERFORM STRUCTURAL OBSERVATIONS AS DEFINED IN SECTION 1702 OF THE IBC AT SIGNIFICANT STAGES AND AT COMPLETION OF THE STRUCTURAL SYSTEM. STRUCTURAL OBSERVATION DOES NOT INCLUDE OR WAIVE THE RESPONSIBILITY OF SPECIAL INSPECTIONS REQUIRED BY SECTION 1704 OF THE CODE.

AS-BUILT DRAWINGS

CONTRACTOR SHALL MAINTAIN A CURRENT SET OF DRAWINGS ON SITE, MODIFIED TO REFLECT ALL DESIGN CHANGES TO THE ORIGINAL DRAWING SET.

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	REQUIRED INSPECTION OF SOILS							
	VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION	REMARKS					
1	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	PERIODIC						
2	VERIFY EXCAVATIONS EXTEND TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	PERIODIC						
3	PERFORM CLASSIFICATION AND TESTING OF FILL MATERIALS.	PERIODIC						
4	VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	CONTINUOUS						
5	PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT THE SITE HAS BEEN PREPARED PROPERLY.	PERIODIC						

STATEMENT OF SPECIAL INSPECTIONS

THE FOLLOWING SPECIAL INSPECTIONS SHALL BE PERFORMED BY QUALIFIED PERSONNEL EMPLOYED BY THE OWNER OR THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ACTING AS THE OWNER'S AGENT.

SPECIAL INSPECTOR QUALIFICATIONS:

THE SPECIAL INSPECTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO THE BUILDING OFFICIAL DEMONSTRATING THEIR COMPETENCE AND RELEVANT EXPERIENCE OR TRAINING.

INSPECTION TASKS:

INSPECTION TASKS ARE LISTED IN THE ATTACHED TABLES AND IN THE 2021 EDITION OF THE IBC CHAPTER 17.

FABRICATOR APPROVAL:

SPECIAL INSPECTIONS REQUIRED BY SECTION 1705 ARE NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION (IBC 1704.2.5.2). HOWEVER, NON DESTRUCTIVE TESTING REQUIREMENTS CANNOT BE WAIVED PER AISC 360-10 SECTION N7. THE CONTRACTOR'S FABRICATOR SHALL PERFORM OR ENGAGE QUALIFIED A TESTING AGENCY TO PERFORM REQUIRED TESTING ON THE PREMISES OF THE FABRICATOR. TESTING DOCUMENTATION SHOWING COMPLIANCE SHALL BE SUBMITTED TO THE OWNER UPON COMPLETION OF TESTING.

REPORT REQUIREMENTS:

REPORTS SHALL BE COMPLETED ON A DAILY BASIS AND DISTRIBUTED ON A WEEKLY BASIS. COPIES OF REPORTS SHALL BE DISTRIBUTED TO THE GENERAL CONTRACTOR, THE ENGINEER OF RECORD AND THE ARCHITECT OF RECORD. REPORTS SHALL INDICATE WHETHER THE WORK WAS OR WAS NOT COMPLETED IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR. IF THEY ARE NOT CORRECTED, DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. A FINAL REPORT DOCUMENTING THE SPECIAL INSPECTIONS PERFORMED AND THE CORRECTION OF ANY DISCREPANCIES SHALL BE DISTRIBUTED AS NOTED ABOVE.

	SPECIAL INSPECTION FOR SEISMIC RESISTANCE									
	VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION	REMARKS							
1	STRUCTURAL WOOD: NAILING, BOLTING, ANCHORING AND FASTENING OF WOOD SHEAR WALLS, DRAG STRUTS, HOLDOWNS AND DIAPHRAGMS.	PERIODIC								
2	ARCHITECTURAL COMPONENTS: ROOF AND WALL CLADDING. INTERIOR AND EXTERIOR NON-BEARING WALLS. INTERIOR AND EXTERIOR VENEER SYSTEMS.	PERIODIC								
3	STRUCTURAL STEEL: IN ACCORDANCE WITH THE QUALITY ASSURANCE PLAN REQUIREMENTS OF AISC 341. SEE ATTACHED SCHEDULES.	PERIODIC								

	REQUIRED VERIFICATION ANI	O INSPECTI	ON OF CONCR	ETE		
	VERIFICATION AND INSPECTION	FREQUENCY OF	REFERENCE FOR CRITERIA			
		INSPECTION	REF. STANDARD	IBC REFERENCE		
1	INSPECTION OF REINFORCING STEEL AND PLACEMENT	PERIODIC	ACI 318: 3.5, 7.1-7.7	1910.4		
2	INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1705.2.2, ITEM 2b		AWS D1.4 ACI 318: 3.5.2			
3	INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED	PERIODIC	ACI 318: 8.1.3, 21.2.8	1908.5, 1909.1		
4	INSPECTION OF ANCHORS POST INSTALLED IN HARDENED CONCRETE MEMBERS	PERIODIC	ACI 318: 3.8.6, 8.1.3, 21.2.8	1909.1		
5	VERIFY USE OF REQUIRED MIX DESIGN	PERIODIC	ACI 318: 4, 5.2-5.4	1904.3, 1910.2, 1910.3		
6	AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	CONTINUOUS	ASTM C172 ASTM C31 ACI 318: 5.6, 5.8	1910.10		
7	INSPECTION OF CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	CONTINUOUS	ACI 318: 5.9, 5.10	1910.6, 1910.7, 1910.8		
8	INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TECHNIQUES	PERIODIC	ACI 318: 5.11-5.13	1910.9		

	SPECIAL INSPECTION FOR WIND RESISTANCE							
	VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION	REMARKS					
1	STRUCTURAL WOOD: NAILING, BOLTING, ANCHORING AND FASTENING OF WOOD SHEAR WALLS, DRAG STRUTS, HOLDOWNS AND DIAPHRAGMS.	PERIODIC						
2	ARCHITECTURAL COMPONENTS: ROOF AND WALL CLADDING.	PERIODIC						

AISC 360 - STRUCTURAL	STEEL - V	ISUAL WELDING INSPECTION	
VERIFICATION AND INSPECTION	QA	VERIFICATION AND INSPECTION	QA
1 VISUAL INSPECTION TASKS PRIOR TO WELDING		VISUAL INSPECTION TASKS DURING WELDING, CONTINU	ED.
WELDING PROCEDURE SPECIFICATION (WPSs) AVAILABLE	PERFORM	CONTROL AND HANDLING OF WELDING MATERIALS	OBSERVE
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	PERFORM	-PACKAGING	
MATERIAL IDENTIFICATION (TYPE/GRADE)	OBSERVE	-EXPOSURE CONTROL	
WELDER IDENTIFICATION SYSTEM	OBSERVE	ENVIRONMENTAL CONDITIONS	OBSERVE
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY	OBSERVE	-WIND SPEED WITHIN LIMITS	
-JOINT PREPARATION	_	-PRECIPITATION AND TEMPERATURE	
-DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT	_	WELDING TECHNIQUES	OBSERVE
FACE, BEVEL)		-INTERPASS AND FINAL CLEANING	
-CLEANLINESS (CONDITION OF STEEL SURFACE)		-EACH PASS WITHIN PROFILE LIMITS	
-TACKING (TACK WELD QUALITY AND LOCATION)		-EACH PASS MEETS QUALITY REQUIREMENTS	
-BACKING TYPE AND FIT		NO WELDING OVER CRACKED TACKS	OBSERVE
CONFIGURATION AND FINISH OF ACCESS HOLES	OBSERVE	3 VISUAL INSPECTION TASKS AFTER WELDING	
FIT-UP OF FILLET WELDS	OBSERVE	WELDS CLEANED	OBSERVE
-DIMENSIONS (ALIGNMENT, GAPS AT ROOT)		SIZE, LENGTH AND LOCATION OF WELDS	PERFORM
-CLEANLINESS (CONDITION OF STEEL SURFACE)		WELDS MEET VISUAL ACCEPTANCE CRITERIA	PERFORM
-TACKING (TACK WELD QUALITY AND LOCATION)		-CRACK PROHIBITION	
CHECK WELDING EQUIPMENT		-WELD/BASE-METAL FUSION	
2 VISUAL INSPECTION TASKS DURING WELDING		-CRATER CROSS SECTION	
WPS FOLLOWED	OBSERVE	-WELD PROFILE AND SIZE	
-SETTINGS ON WELDING EQUIPMENT		-UNDERCUT	
-TRAVEL SPEED		-POROCITY	
-SELECTED WELDING MATERIALS		k-AREA	PERFORM
-SHIELDING GAS TYPE/FLOW RATE		BACKING REMOVED, WELD TABS REMOVED (IF	PERFORM
-PREHEAT APPLIED		REQUIRED). REPAIR ACTIVITIES	PERFORM
-INTERPASS TEMPERATURE MAINTAINED	1	DOCUMENT ACCEPTANCE OR REJECTION OF WELDED	PERFORM
-PROPER POSITION (F,V,H,OH)	1	JOINT OR MEMBER	
-INTERMIX OF FILLER MATERIALS AVOIDED			
USE OF QUALIFIED WELDERS	OBSERVE	1	

CATEGORY	DESCRIPTION	NOTES
STEEL CONSTRUCTION NON-DESTRUCTIVE	PROCEDURES	ULTRASONIC TESTING (UT), MAGNETIC PARTICLE TESTING (MT), PENETRATE TESTING (PT) AND RADIOGRAPHIC TESTING (RT) AS REQUIRED BY THE SPECIFICATION (AISC 360-16 N5.5a)
TESTING (NDT)	CJP GROOVE WELD NDT	FOR STRUCTURES IN RISK CATEGORY III AND IV, UT SHALL BE PERFORMED BY QA ON ALL CJP WELDS SUBJECT TO TRANSVERSELY APPLIED TENSION LOADING IN BUTT, T— AND CORNER JOINTS, IN MATERIALS 5/16" THICK OR GREATER. FOR STRUCTURES IN RISK CATEGORY II, UT SHALL BE PERFORMED BY QA ON 10% OF CJP WELDS SUBJECT TO TRANSVERSELY APPLIED TENSION LOADING IN BUTT, T— AND CORNER JOINTS, IN MATERIALS 5/16" THICK OR GREATER (AISC 360—16 N5.5b).
	ACCESS HOLE NDT	THERMALLY CUT SURFACES OF ACCESS HOLES SHALL BE TESTED BY QA USING MT OR PT, WHEN THE FLANGE THICKNESS EXCEEDS 2 IN. FOR ROLLED SHAPES, OR WHEN THE WEB THICKNESS EXCEEDS 2 IN. FOR BUILT—UP SHAPES (AISC 360—16 N5.5c).
	WELDED JOINTS SUBJECT TO FATIGUE	WHEN REQUIRED BY APPENDIX 3, TABLE A-3.1.

NOTE: SPECIAL INSPECTIONS REQUIRED BY SECTION 1705 ARE NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION (IBC 1704.2.5.2). HOWEVER, NON DESTRUCTIVE TESTING REQUIREMENTS CANNOT BE WAIVED PER AISC 360—16 SECTION N7. THE CONTRACTOR'S FABRICATOR SHALL PERFORM OR ENGAGE A QUALIFIED TESTING AGENCY TO PERFORM REQUIRED TESTING ON THE PREMISES OF THE FABRICATOR. TESTING DOCUMENTATION SHOWING COMPLIANCE SHALL BE SUBMITTED TO THE OWNER UPON COMPLETION OF TESTING.

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SEISMIC FORCE RESISTING SYSTEMS

THE FOLLOWING ELEMENTS ARE PART OF THE DESIGNATED SEISMIC FORCE RESISTING SYSTEM AND ARE SUBJECT TO INSPECTION AND TESTING IN ACCORDANCE WITH THE ATTACHED SCHEDULES AND AISC

- CONCRETE FOUNDATIONS
- STEEL DECK, CONCRETE FILLED STEEL DECK
- STRUCTURAL STEEL MOMENT FRAMES
- STRUCTURAL STEEL BRACED FRAMES
- COLLECTORS AND DRAGS STRUTS NOTED AS WXXxXX (C)

INSPECTION AND NONDESTRUCTIVE TESTING PERSONNEL:

 WELDING INSPECTIONS AND NDT SHALL BE CONDUCTED BY PERSONNEL QUALIFIED IN ACCORDANCE WITH AWS D1.8 CLAUSE 7.2. ULTRASONIC TECHNICIANS SHALL BE QUALIFIED IN ACCORDANCE WITH AWS D1.8 CLAUSE 7.2.4.

INSPECTION TASKS:

INSPECTION TASKS ARE LISTED IN THE ATTACHED TABLES AND IN AISC 341. THE FOLLOWING ENTRIES ARE LISTED TABLES.

- OBSERVE INSPECTOR SHALL OBSERVE THESE FUNCTIONS ON A RANDOM DAILY BASIS. OPERATIONS NEED NOT BE DELAYED PENDING OBSERVATION.
- PERFORM THESE INSPECTIONS SHALL BE PERFORMED
- PRIOR TO FINAL ACCEPTANCE. DOCUMENT – THE INSPECTOR SHALL PREPARE REPORTS INDICATING THAT THE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

DISTRIBUTION OF REPORTS:

REPORTS SHALL BE COMPLETED ON A DAILY BASIS AND DISTRIBUTED ON A WEEKLY BASIS. COPIES OF REPORTS SHALL BE DISTRIBUTED TO THE GENERAL CONTRACTOR, THE ENGINEER OF RECORD AND THE ARCHITECT OF RECORD.

AIS	AISC 341- STRUCTURAL STEEL NDS TESTING FOR SEISMIC RESISTANCE							
CATEGORY	DESCRIPTION	NOTES						
STEEL CONSTRUCTION NON-DESTRUCTIVE TESTING (NDT) (ALL NDT PERFORMED (SHOP	CJP WELDS	CJP GROOVE WELD NDT (AISC 341-16 J6.2a) ULTRASONIC TESTING (UT) SHALL BE PERFORMED ON 100 PERCENT OF CJP GROOVE WELDS IN MATERIALS 5/16 IN. THICK OR GREATER. MAGNETIC PARTICLE TESTING (MT) SHALL BE PERFORMED ON 25 PERCENT OF ALL BEAM-TO-COLUMN CJP GROOVE WELDS. EXCEPTION: FOR ORDINARY MOMENT FRAMES, UT AND MT OF CJP WELDS ARE ONLY REQUIRED FOR DEMAND CRITICAL WELDS.						
OR FIELD) SHALL BE DOCUMENTED	k-AREA	TEST WEB USING MAGNETIC PARTICLE TESTING WITHIN 3" OF WELDED DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS (AISC 341-16 J6.2)						
INCLUDING PIECE MARK, LOCATION, AND TEST REPORT.)	WELD TAB REMOVAL SITES	WELD TAB REMOVAL SITES NDT (AISC 341-16 J6.2F) MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON THE END OF WELDS FROM WHICH THE WELD TABS HAVE BEEN REMOVED.						

NOTE: SPECIAL INSPECTIONS REQUIRED BY SECTION 1705 ARE NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION (IBC 1704.2.5.2). HOWEVER, NON DESTRUCTIVE TESTING REQUIREMENTS CANNOT BE WAIVED PER AISC 360-16 SECTION N7. THE CONTRACTOR'S FABRICATOR SHALL PERFORM OR ENGAGE A QUALIFIED TESTING AGENCY TO PERFORM REQUIRED TESTING ON THE PREMISES OF THE FABRICATOR. TESTING DOCUMENTATION SHOWING COMPLIANCE SHALL BE SUBMITTED TO THE OWNER UPON COMPLETION OF TESTING.

VERIFICATION AND INSPECTION	QA	VERIFICATION AND INSPECTION	QA
VISUAL INSPECTION TASKS PRIOR TO WELDING		VISUAL INSPECTION TASKS DURING WELDING, CONTIN	JED.
MATERIAL IDENTIFICATION (TYPE/GRADE)	OBSERVE	CONTROL AND HANDLING OF WELDING MATERIALS	OBSERVE
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY	OBSERVE	-PACKAGING	
-JOINT PREPARATION		-EXPOSURE CONTROL	
-DIMENSIONS (ALIGNMENT, ROOT OPENING,		ENVIRONMENTAL CONDITIONS	OBSERVE
RAOF, BEVEL)		-WIND SPEED WITHIN LIMITS	
-CLEANLINESS (CONDITION OF STEEL SURFACE)		-PRECIPITATION AND TEMPERATURE	
-TACKING (TACK WELD QUALITY AND LOCATION)		WELDING TECHNIQUES	OBSERVE
-BACKING TYPE AND FIT		-INTERPASS AND FINAL CLEANING	
CONFIGURATION AND FINISH OF ACCESS HOLES	OBSERVE	-EACH PASS WITHIN PROFILE & REQUIREMENTS	
FIT-UP OF FILLET WELDS	OBSERVE	NO WELDING OVER CRACKED TACKS	OBSERVE
-DIMENSIONS (ALIGNMENT, GAPS AT ROOT)			
-CLEANLINESS (CONDITION OF STEEL SURFACE)		3 VISUAL INSPECTION TASKS AFTER WELDING WELDS CLEANED	OBSERVE
-TACKING (TACK WELD QUALITY AND LOCATION)		SIZE, LENGTH AND LOCATION OF WELDS	PERFORM
VISUAL INSPECTION TASKS DURING WELDING		WELDS MEET VISUAL ACCEPTANCE CRITERIA	
WPS FOLLOWED	OBSERVE	-CRACK PROHIBITION	PERFORM DOCUMEN
-SETTINGS ON WELDING EQUIPMENT		-WELD/BASE-METAL FUSION	
-TRAVEL SPEED		- CRATER CROSS SECTION	
-SELECTED WELDING MATERIALS		-WELD PROFILE AND SIZE	
-SHIELDING GAS TYPE/FLOW RATE			
-PREHEAT APPLIED		-UNDERCUT -POROCITY	
-INTERPASS TEMPERATURE MAINTAINED			DEDEODA
-PROPER POSITION (F,V,H,OH)		PLACEMENT OF REINFORCING OR CONTOURING FILLET WELDS	PERFORM DOCUMEN
-INTERMIX OF FILLER MATERIALS AVOIDED		BACKING REMOVED, WELD TABS REMOVED AND	PERFORM DOCUMEN
USE OF QUALIFIED WELDERS	OBSERVE	FINISHED, AND FILLET WELDS ADDED (IF REQUIRED).	
		REPAIR ACTIVITIES	PERFORM DOCUMEN

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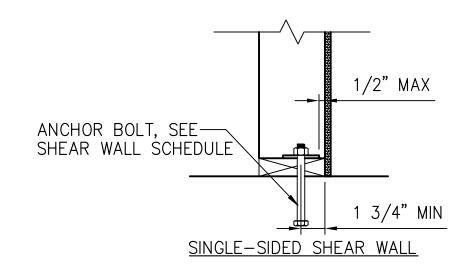
WOOD DIAPHRAGM SCHEDULE									
AREA DESCRIPTION	SHE	ATHING		NAIL	NAIL SPACING		NOMINAL THICKNESS OF	PANEL EDGE	
	APA Grade	Thick.	Span Rating	SIZE	Edges (2,3)	Boundary	Field	FRAMING MEMBERS	BLOCKING
ALL ROOFS	Sheathing	23/32"	48/24	10d	6"	4"	12"	2x	NONE

APPLY SHEATHING PERPENDICULAR TO FRAMING MEMBERS UNLESS NOTED OTHERWISE. LOCATE PANEL ENDS OVER FRAMING MEMBERS AND STAGGER LOCATION OF ENDS JOINTS BY A MINIMUM OF 2'-0" UNLESS SHOWN OTHERWISE.

SEE SCHEDULE FOR PANEL EDGE BLOCKING REQUIREMENTS. STAGGER PANEL EDGE NAILING AT BLOCKED JOINTS.

NAILS SHAL BE LOCATED AT LEAST 3/8" FROM THE EDGES OF PANELS. HEADS OF NAILS SHALL BE DRIVEN FLUSH WITH THE SURFACE. PANELS SHALL NOT BE LESS THAN 4'x 8' EXCEPT AT BOUNDARIES AND CHANGES IN FRAMING WHERE ALL EDGES ARE SUPPORTED BY AND FASTENED TO FRAMING MEMBERS OR BLOCKING.

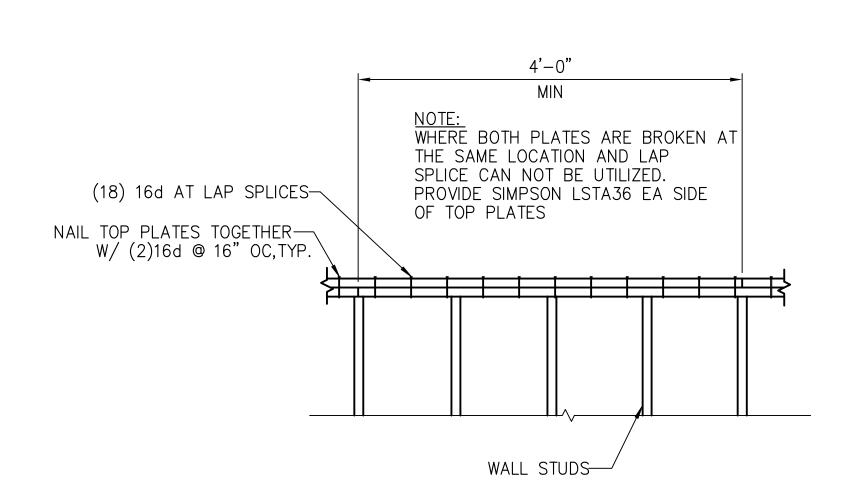
	WALL STUD
BLOCKING AT MIDHEIGHT OF WALL	FLAT PANEL EDGE BLOCKING PERPENDICULAR TO PLYWOOD PANEL
	—PANEL EDGE NAILS
	PLYWOOD SHEAR PANELS

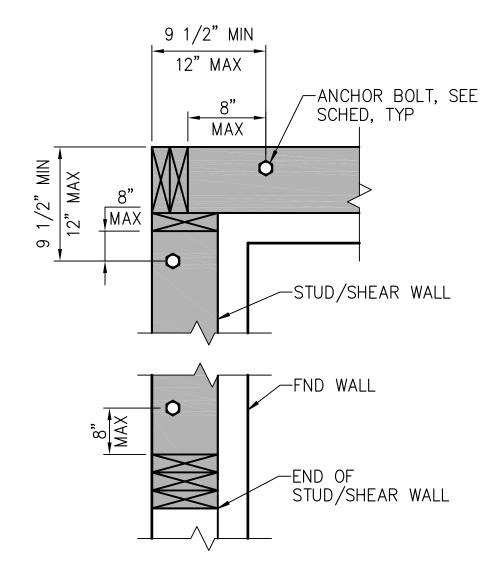


NOTE: 0.229"x3"x3" MIN SIZE PLATE WASHER TO BE USED FOR EACH SILL PLATE ATTACHMENT BOLT. PLATE WASHER MUST BE WITHIN 1/2" OF SHEATHING FACE. SLOTTED HOLE IN PLATE WASHER PER AWC MAY BE USED PROVIDED A STD CUT WASHER BE PLACED BETWEEN PLATE WASHER AND NUT.

PANEL EDGE BLOCKING N.T.S.

PLATE WASHER DETAIL N.T.S.





TYPICAL TOP PLATE SPLICE

ANCHOR BOLT DETAIL N.T.S.

WOOD SHEAR WALL SCHEDULE

MARK	WALL TYPE	No. OF	WOOD PANELS		NAIL	NAIL S	SPACING	PANEL JOINT	SILL OR BOTTOM PLATE ATTACHMENT						
		SIDES	APA Grade	Thick.	Span rating	SIZE	Edges	Field	STUDS	Fastener	Detail	Dia.	Spacing	Embed.	Washer
1)	SEGMENTED	1	Sheathing	15/32"	32/16	10d	6"	12"	2x	Anchor Rod	DETAIL 2	5%"	32"	7"	DETAIL 2

WOOD STRUCTURAL PANELS SHALL CONFORM TO THE REQUIREMENTS FOR ITS TYPE IN DOC PS1 OR PS2.

APPLY SHEATHING TO THE SIDE OF WALL INDICATED BY THE SYMBOL. PANELS MAY BE INSTALLED HORIZONTALLY OR VERTICALLY.

ALL PANEL EDGES SHALL BE LOCATED ON STUDS, BLOCKING LAID FLAT, PLATES OR RIM JOISTS.

STAGGER PANEL EDGE NAILING AT PANEL JOINTS.

ANCHOR RODS SHALL BE HOT-DIPPED GALVANIZED ASTM A307 HEADED BOLTS. FIRST AND LAST ANCHORS SHALL BE LOCATED 8" MAX FROM FACE OF WALL STUDS AT END OF EACH WALL SEGMENT OR END WALL HOLDOWN AND A MINIMUM OF 9½" FROM EDGE OF FOUNDATION WALL, SEE 4/S0.08. MINIMUM (2) ANCHOR BOLTS PER WALL SEGMENT.

SEE TYPICAL PLATE WASHER DETAIL FOR SILL PLATE ANCHOR INSTALL AND LOCATION REQUIREMENTS. SEE HOLDOWN SCHEDULE FOR HOLDOWNS AND BOUNDARY POST SIZES.

IN LIEU OF 3X PANEL EDGE STUDS, DBL 2x STUDS MAY BE USED. FASTEN DBL STUDS TOGETHER WITH 16d FACE NAILS STAGGERED @ 6" OC

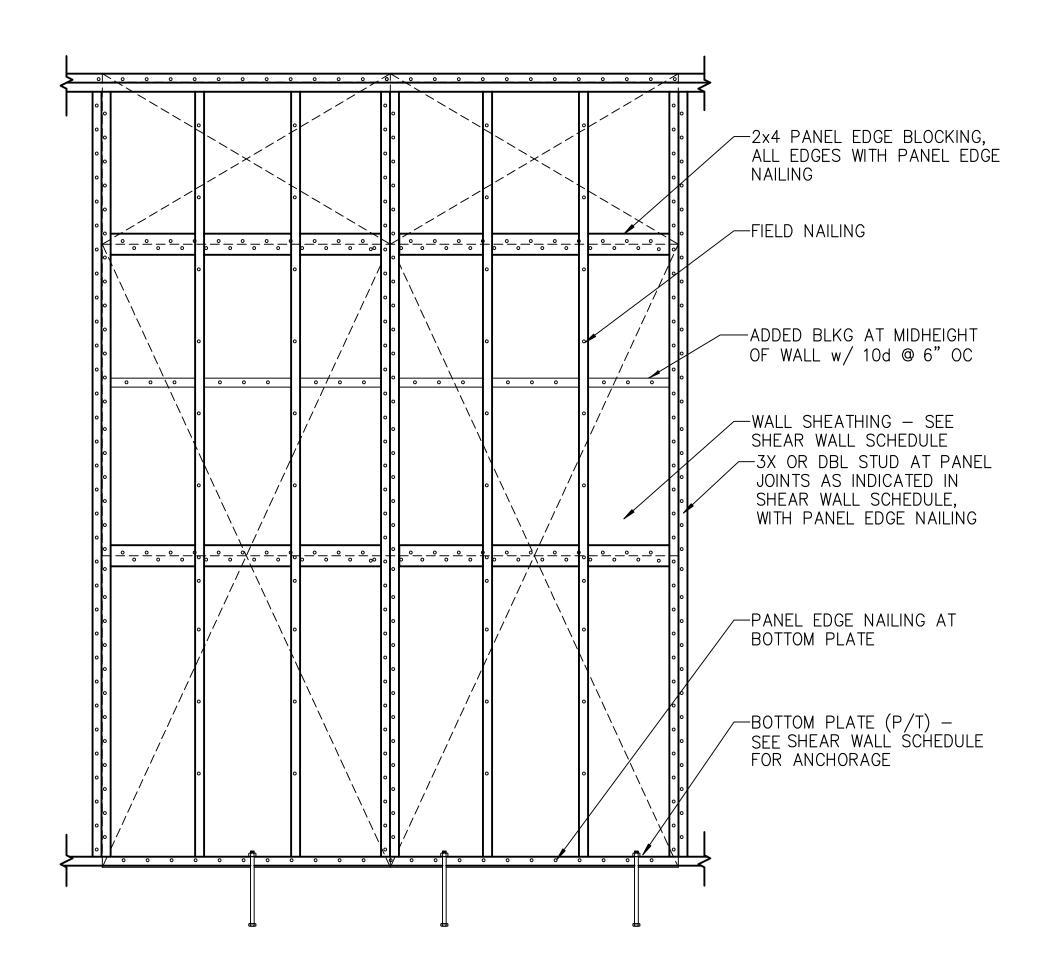
ANCHOR ROD EMBEDMENT IS THE DISTANCE FROM TOP OF CONCRETE TO TOP OF NUT OR BOLT HEAD.

PANELS ARE SHOWN VERTICAL, BUT MAY BE PLACED HORIZONTAL. MIN. EDGE DISTANCE FOR NAILS SHALL BE 3/8".

MIN. SHEATHING SHEET SIZE SHALL BE 2'-0"x4'-0".

NAILS SHALL NOT BE OVERDRIVEN.

NAILS SHALL BE COMMON WIRE TYPE OR APPROVED EQUAL.



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SHEAR WALL NAILING DETAIL

	ACI STANDARD 90° HOOK DIMENSIONS										
BAR SIZE	#3	#4	#5	#6	#7	#8	#9				
MIN. BEND DIAM. (d)	2 1/4"	3"	3 3/4"	4 ½"	5 1/4"	6"			NOTE: REFERENCE ACI 318–19		
EXTENSION LENGTH (L)	6"	6"	8"	9"	11"	12"			SEC. 25.3		
LAP SPLICES IN	WALLS,	FOOTIN	IGS AND	AND	SLABS-	-ON-GR	ADE (30	000 PSI)			
BAR SIZE	#3	#4	#5	#6	#7	#8			NOTE: INCREASE TABULATED LAP LENGTH BY 20% FOR BUNDLES OF		
CLASS B SPLICE	13"	22"	32"	43"	69"	86"			3 BARS.		

	L	AP SF	PLIC	ES IN	BEA	AMS	AND	STRU	JCTURAL SLABS (4000 PSI)
BAR SIZE			# 5	#6	#7	#8	#9	#10	NOTE: INCREASE TABULATED LAP LENGTH BY 20% FOR BUNDLES OF
CLASS B TOP BAR			36"	48"	70"	80"	91"	102"	3 BARS.
CLASS B OTHER			28"	37"	54"	62"	70"	79"	

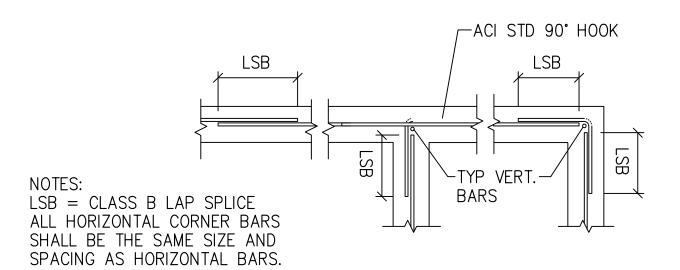
REINFORCING CLEARANCE/COVER						
EXPOSURE CONDITION	MIN. COVER	TOLERANCE*				
CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"	-3/8", +1"				
EXPOSED TO EARTH OR WEATHER #5 AND SMALLER BARS: #6 AND LARGER BARS:	1 1/2" 2"	-1/4", +1/2" -1/4", +1/2"				
NOT EXPOSED TO EARTH, WEATHER OR IN CONTACT WITH GROUND: TIES AND STIRRUPS	3/4" 1 1/2"	-1/4", +3/8" -1/4", +1/2"				
NOTES: "-" INDICATES TOLERANCE DECREASE TOWARDS MEMBER FACE. "+" INDICATES AWAY FROM MEMBER FACE.						

	GRADE BEAM SCHEDULE								
MARK	b	h	REINFORCING BOTTOM TOP	TRANSVERSE REBAR SPACING	REMARKS				
GB1	8"	42"	(2) #5 (2) #5	#3 HOOPS @ 16" OC, START HOOPS @ FACE OF PIER, TYP	#5 @ 18" OC EACH WAY, CENTERED				

		STRIP FOO	TING REINFO	ORCING SCHEDULE	
MARK	FTG WIDTH	FTG DEPTH	T.O.F. ELEV.	LONGITUDINAL REINFORCING	NOTES
SF2	2'-0"	8"	SEE PLAN	(3) # 5 AT BOTTOM	#4 DOWEL @ 32" O.C. TO GRADE BEAM

	HOLDOWN SCHEDULE										
MAR	K HOLDOWN	ANCHO	R ROD	BOUNDARY	COMMENTS						
		Diam.	Embed.	POST SIZE							
Α	A SIMPSON HDU2-SDS2.5 5/8" 20" SEE DETAIL 1 SEE DETAIL 1										
NOTES	_										
	IOLDOWNS ARE SIMPSON STRO INCHOR RODS SHALL BE GAL			PANE 36 HEADE	D BOLTS OF ASTM A36						
	THREADED ROD WITH DBL NUT			SNADE 30 HEADE	D BOLTS ON ASTM ASO						
•	ROD COUPLERS WITH 125% ST			MAY BE USED TO	EXTEND RODS.						
_	BOUNDARY POSTS ARE DF No										
5. C	COORDINATE WITH THE HEADE	R SCHEDULE	E FOR VERIF	TCATION THAT TH	IE BOUNDARY POST SIZE						

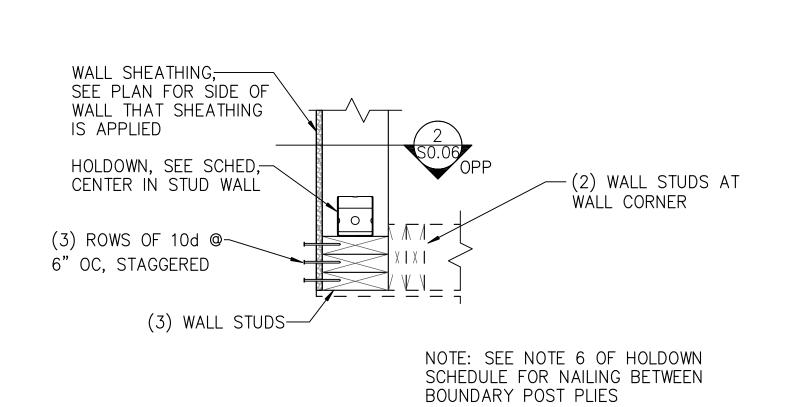
NAIL ALL BOUNDARY POST PLY TOGETHER WITH 16d NAILS AT 4" O.C. STAGGERED FACE TO FACE.



AND TYPE MEETS THE REQUIREMENTS FOR KING STUD NUMBER, TYPE AND SIZE.

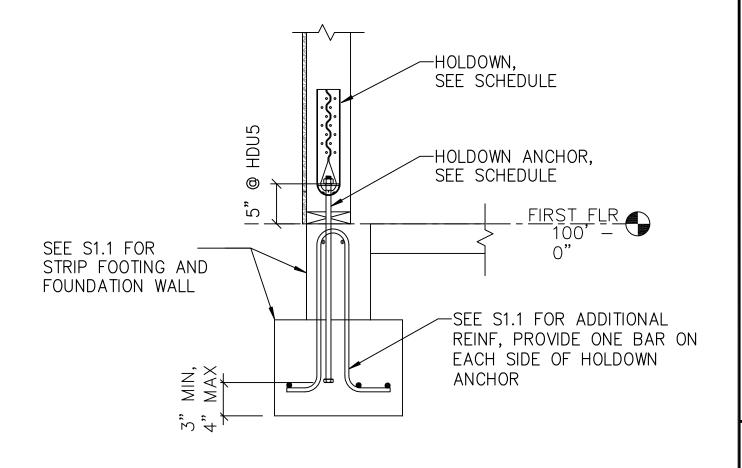
SINGLE CURTAIN PLAN - 8" WALLS

TYPICAL CORNER REINFORCING

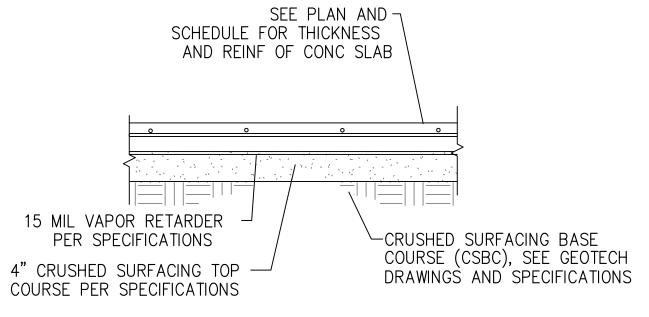


TYPICAL HOLDDOWN PLAN

N.T.S.



TYPICAL HOLDDOWN DETAIL N.T.S.



CUT EVERY OTHER BAR AT CONTROL JOINTS

FORMED OR SAWED JOINT TO -

BE FILLED WITH JOINT FILLER

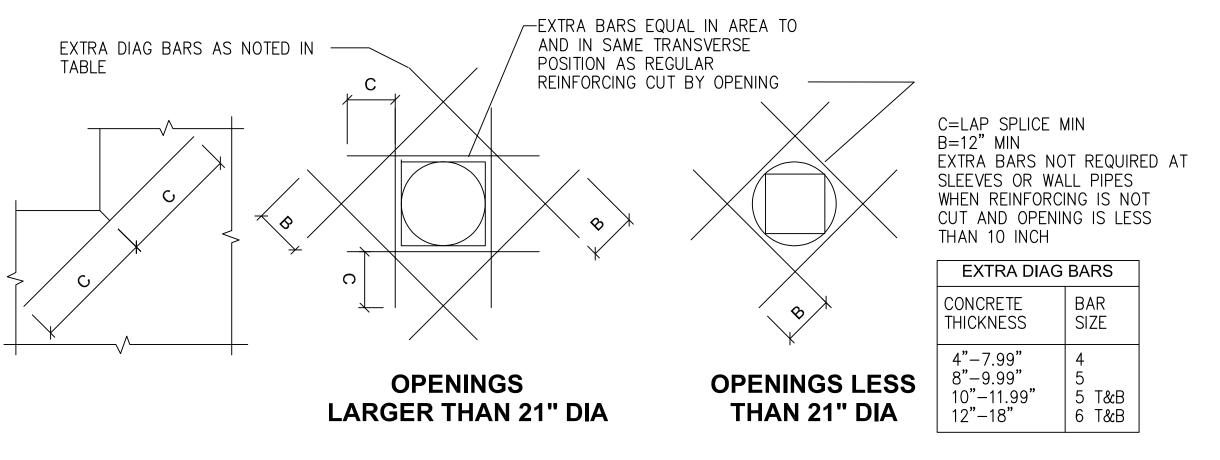
TYPICAL INTERIOR SLAB ON GRADE

TYPICAL INTERIOR SLAB CONTROL JOINT

N.T.S.

TYPICAL INTERIOR SLAB DETAILS

1) MAX CONTROL JOINT SPACING=10'-0".
2) SAWCUT JOINTS SHALL BE INSTALLED A MAXIMUM OF 12 HOURS AFTER CONCRETE PLACEMENT. 3) SUBMIT JOINT LAYOUT PLAN TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONCRETE PLACEMENT.



RE-ENTRANT CORNERS

OPENING REINFORCING

TYPICAL WALL OPENING REINFORCING

DESIGNED BY

OCK RESTRROM

ADD

GENERAL NOTES

STRUCUR

PROJECT NO:

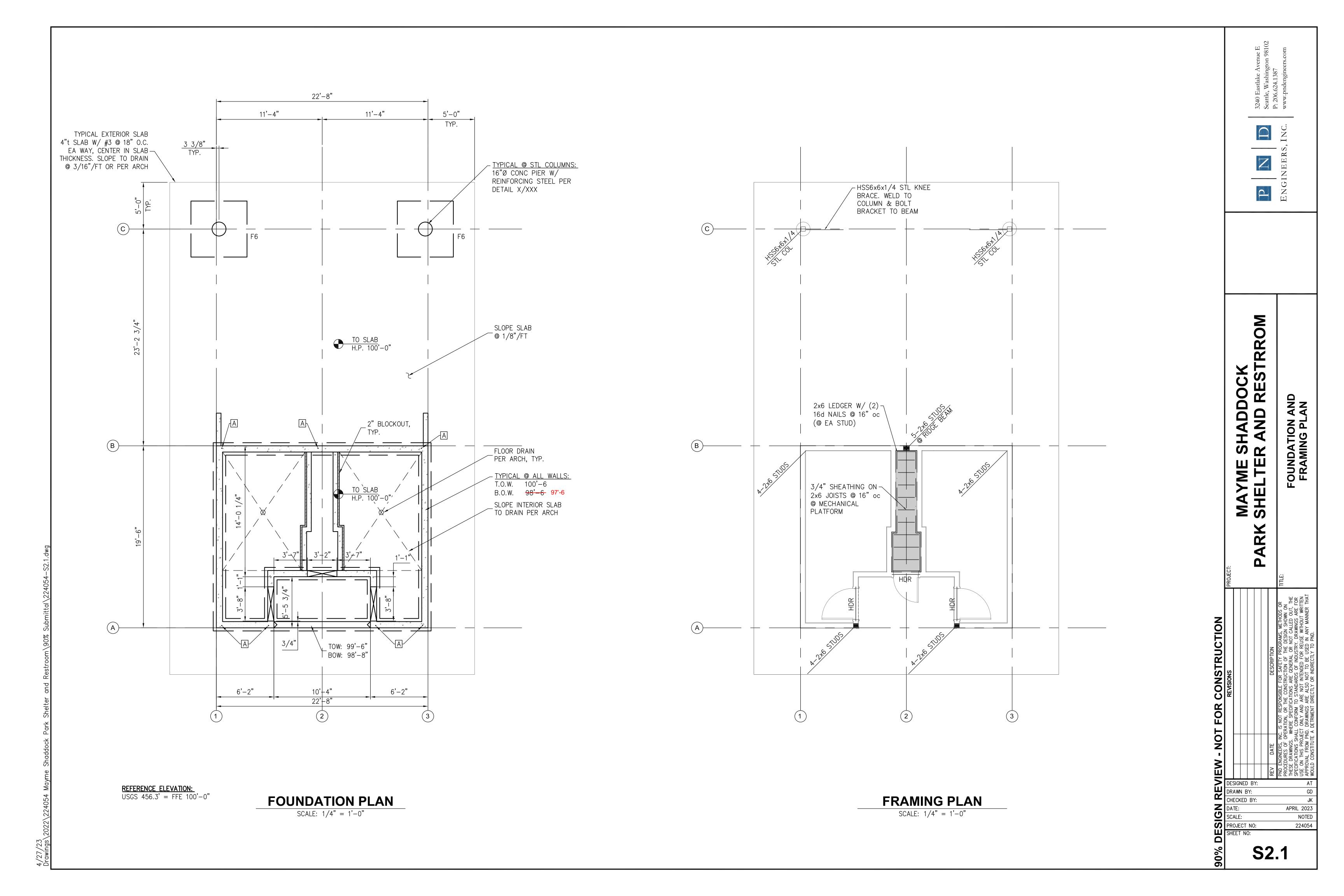
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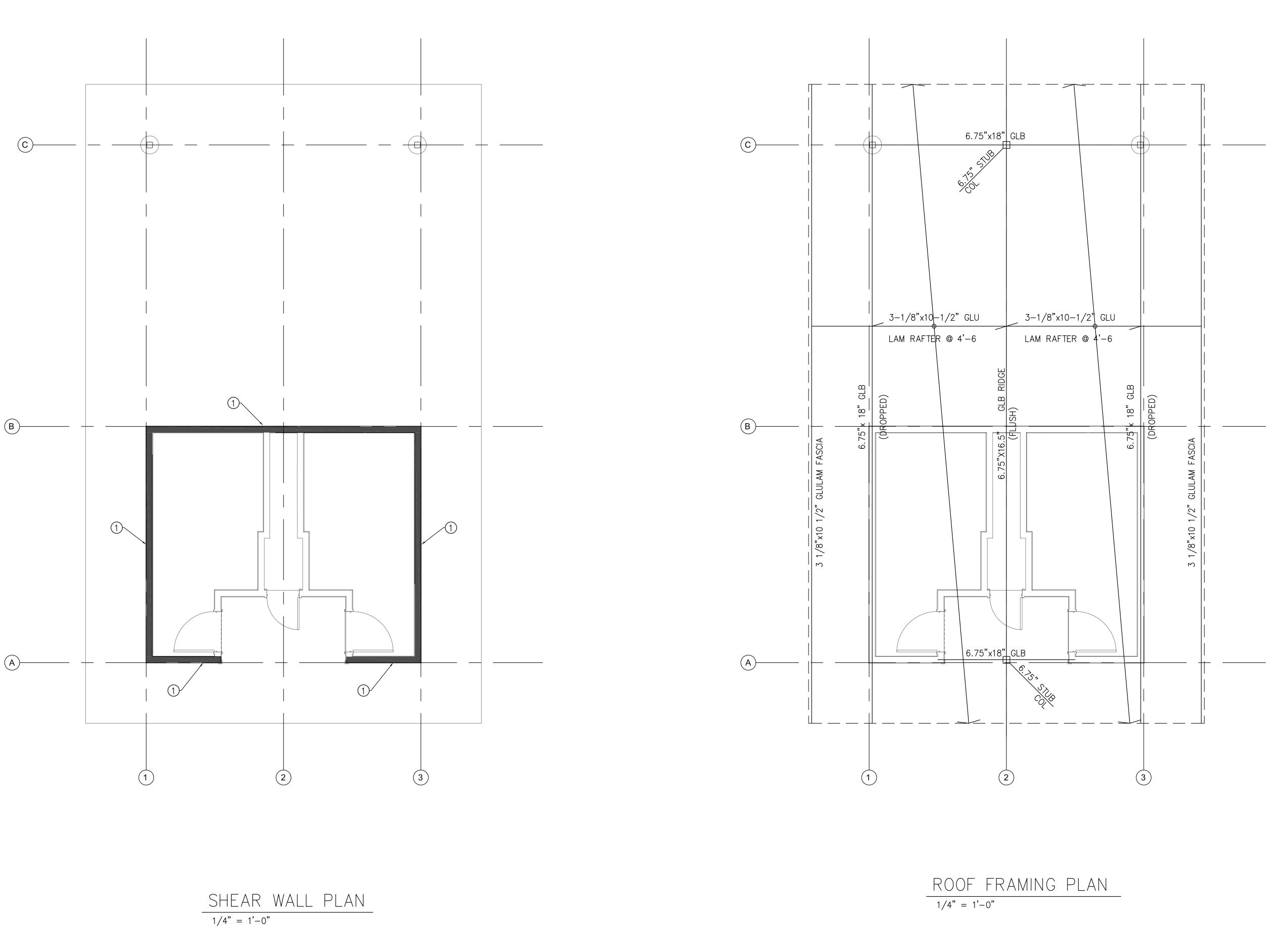
APRIL 2023

NOTED

224054

S1.1





ENGI

MAYME SHADDOCK SHELTER AND RESTRROM

DESIGNED BY:

DRAWN BY:

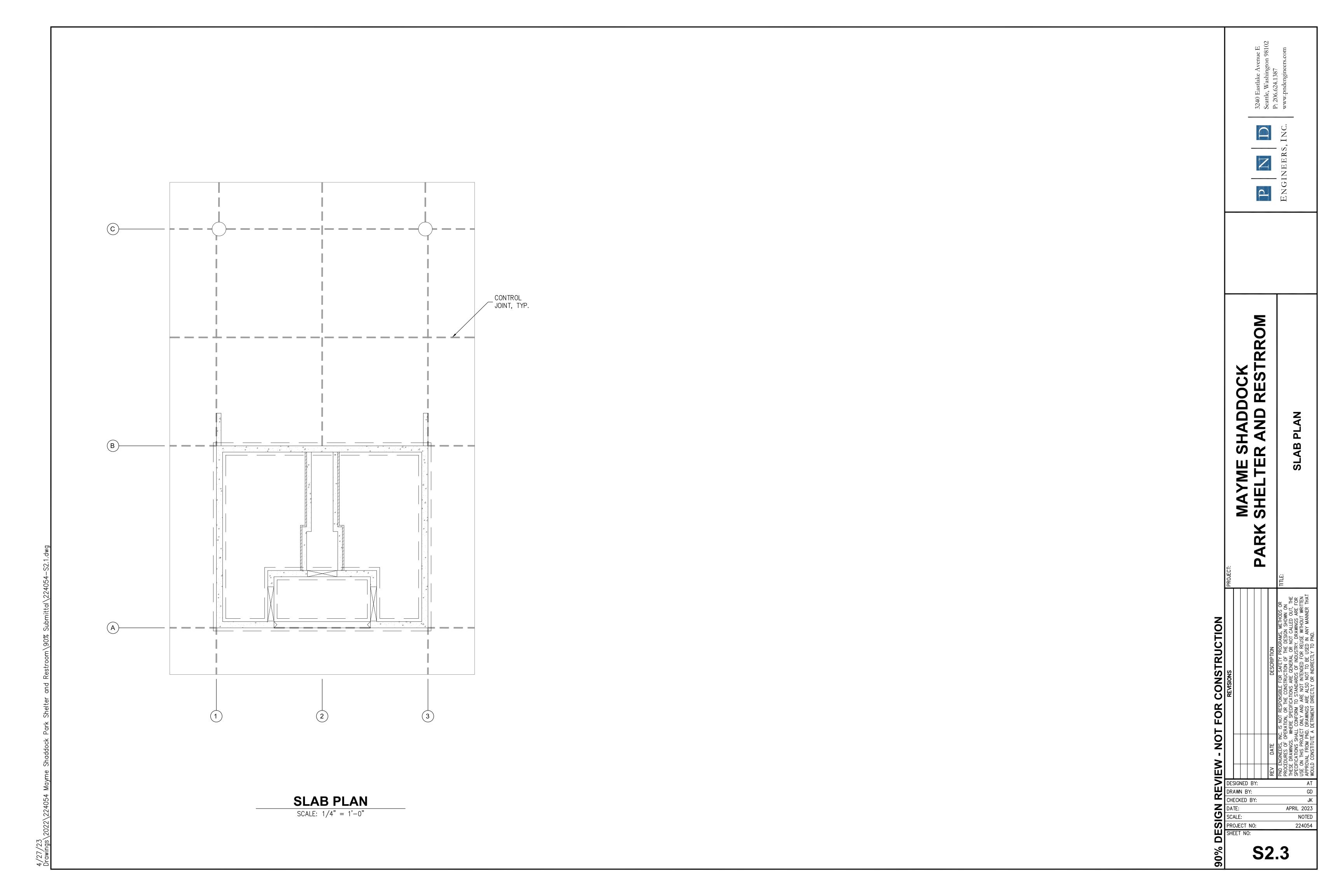
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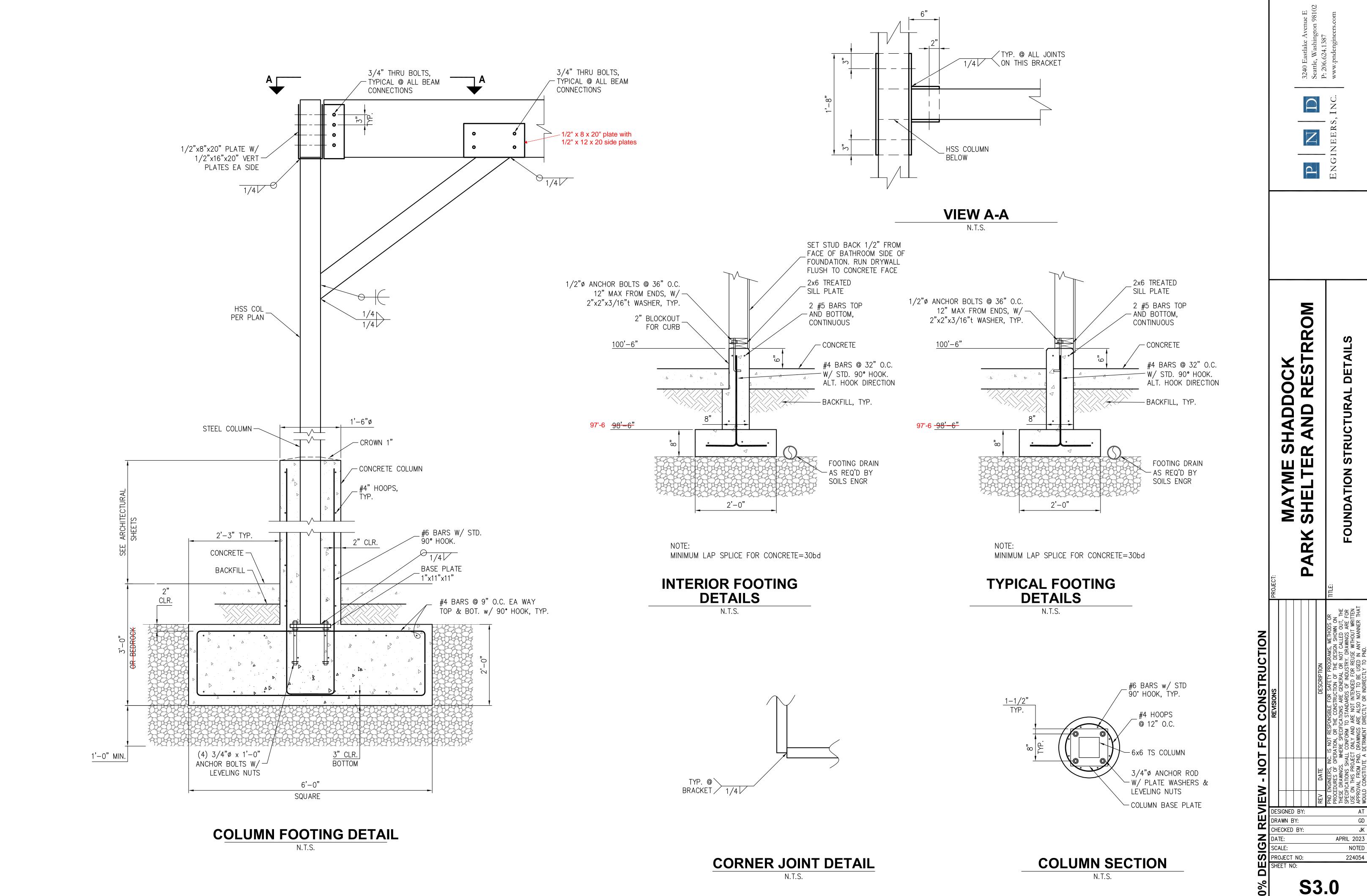
DATE:
SCALE:
PROJECT NO:
SHEET NO:

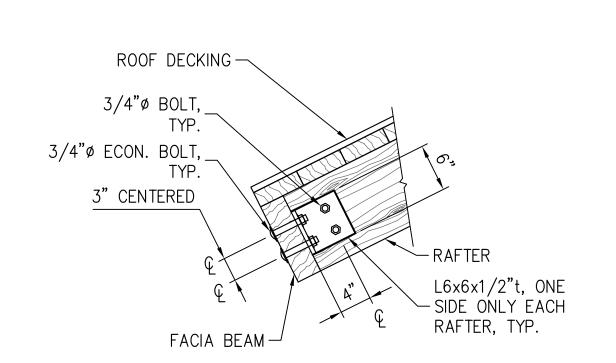
APRIL 2023 NOTED 224054

S2.2

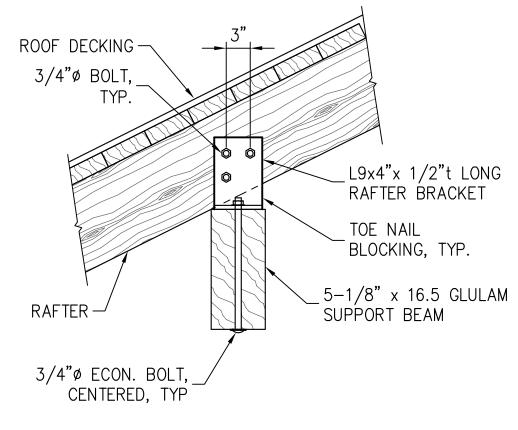
SHEAR WALL AND ROOF FRAMING PLAN



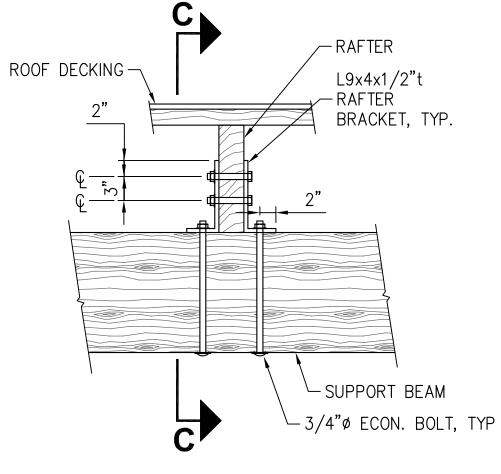




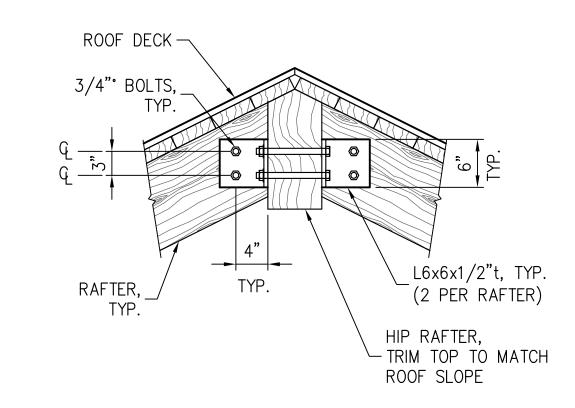
FACIA TO RAFTER CONNECTION N.T.S.



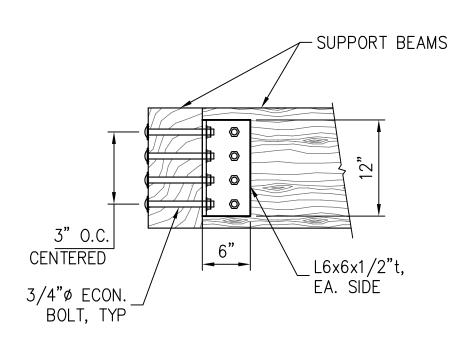
SECTION C-C N.T.S.



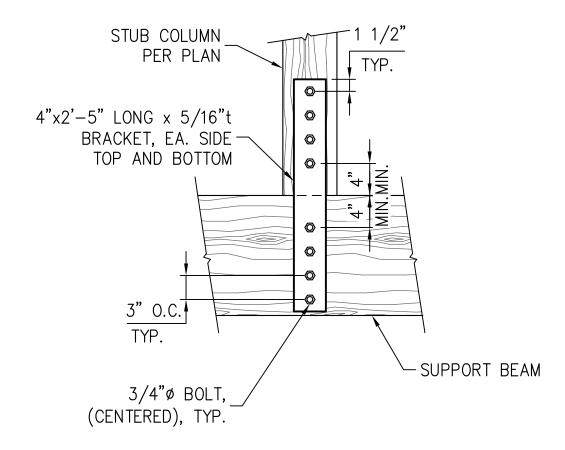
RAFTER TO SUPPORT BEAM CONNECTION VIEW N.T.S.



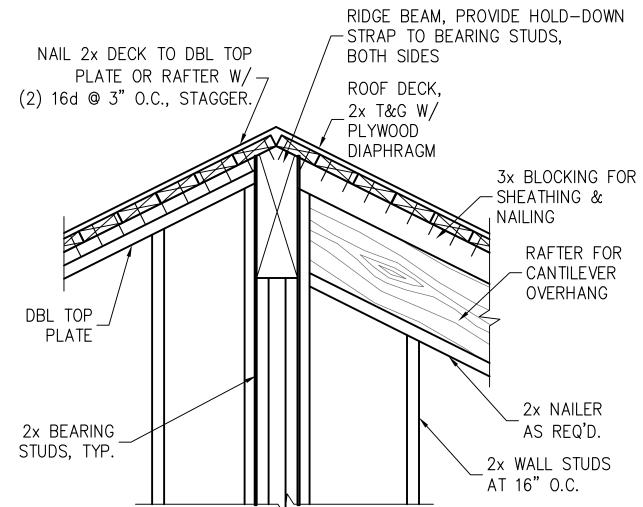
RIDGE BEAM TO RAFTER CONNECTION N.T.S.

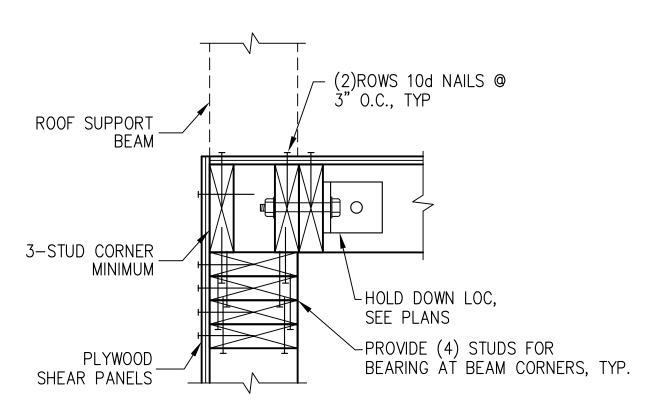


SUPPORT BEAM TO SUPPORT BEAM CONNECTION



KING POST TO SUPPORT BEAM CONNECTION





DESIGNED BY: DRAWN BY: CHECKED BY: PROJECT NO:

APRIL 2023 224054

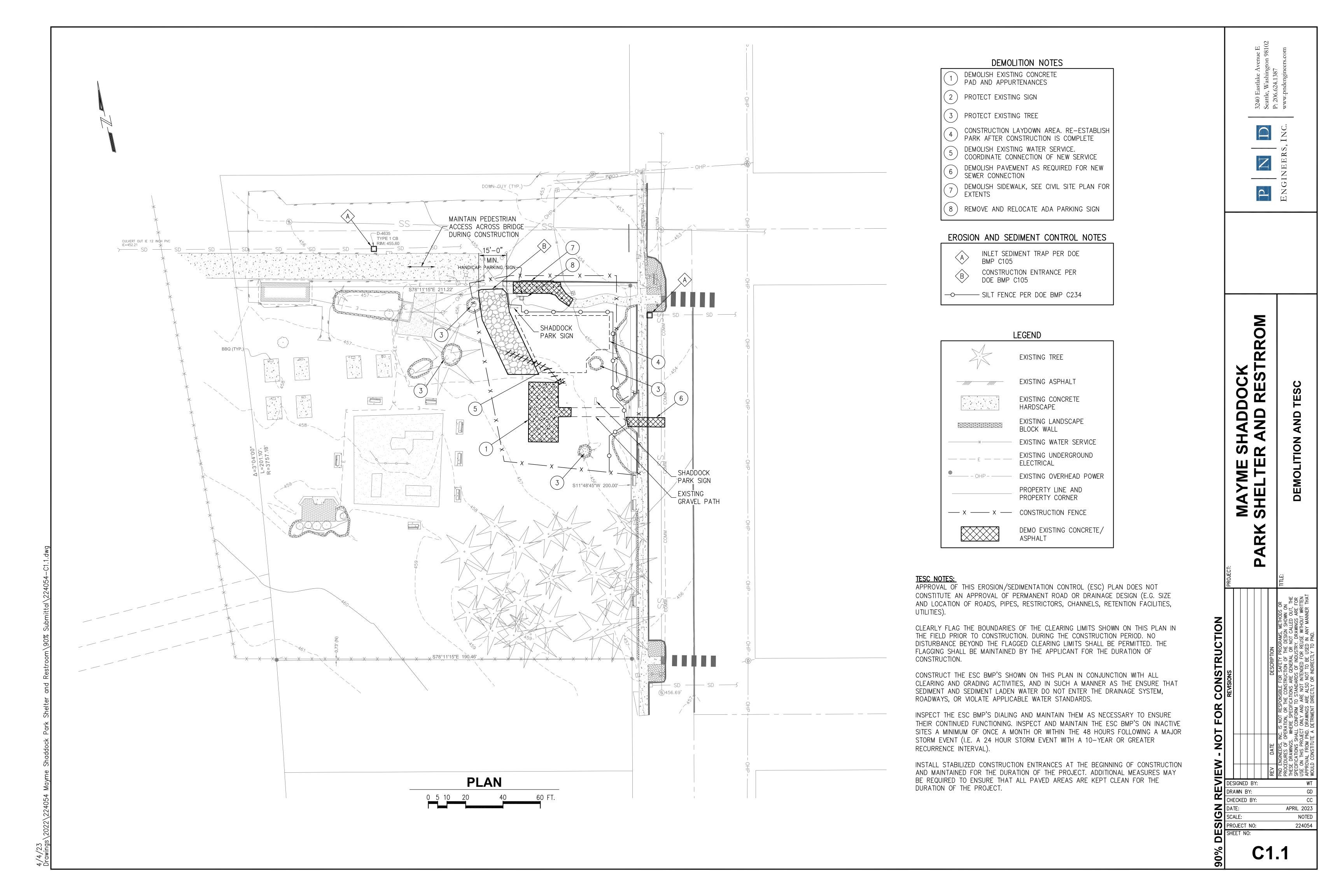
S3.1

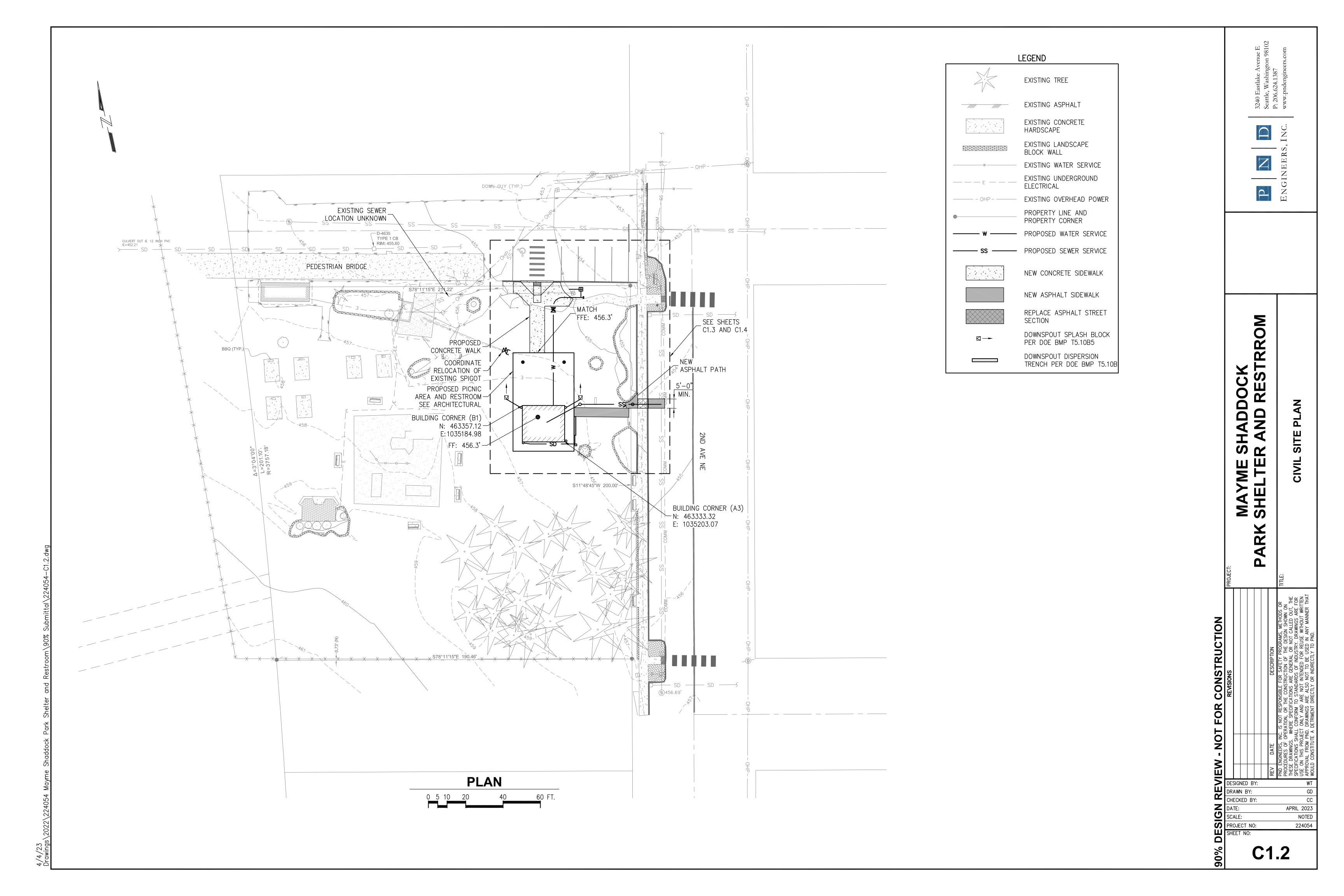
HADDOCK AND RESTRROM DETAILS

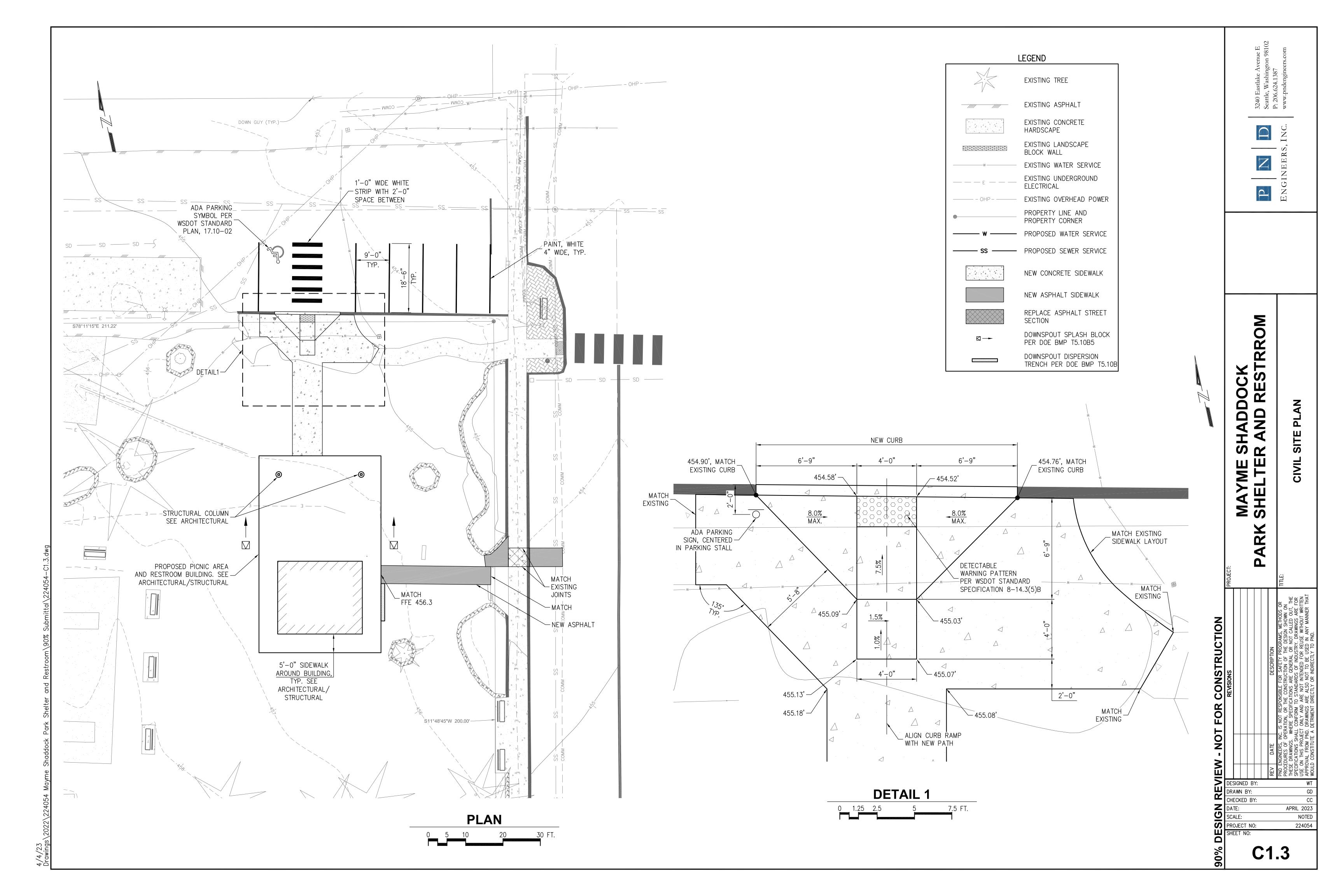
MAYME SI SHELTER

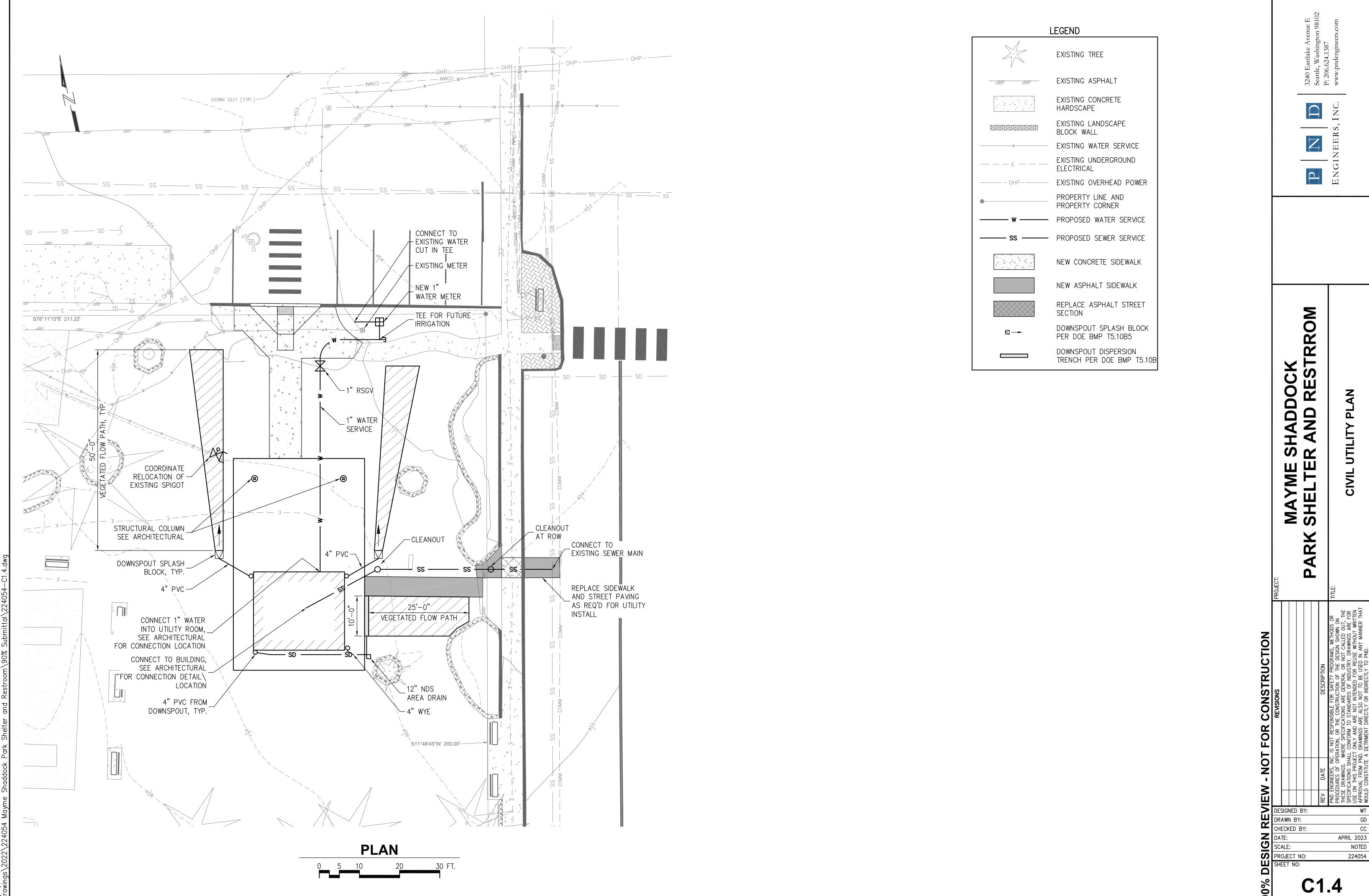
STR

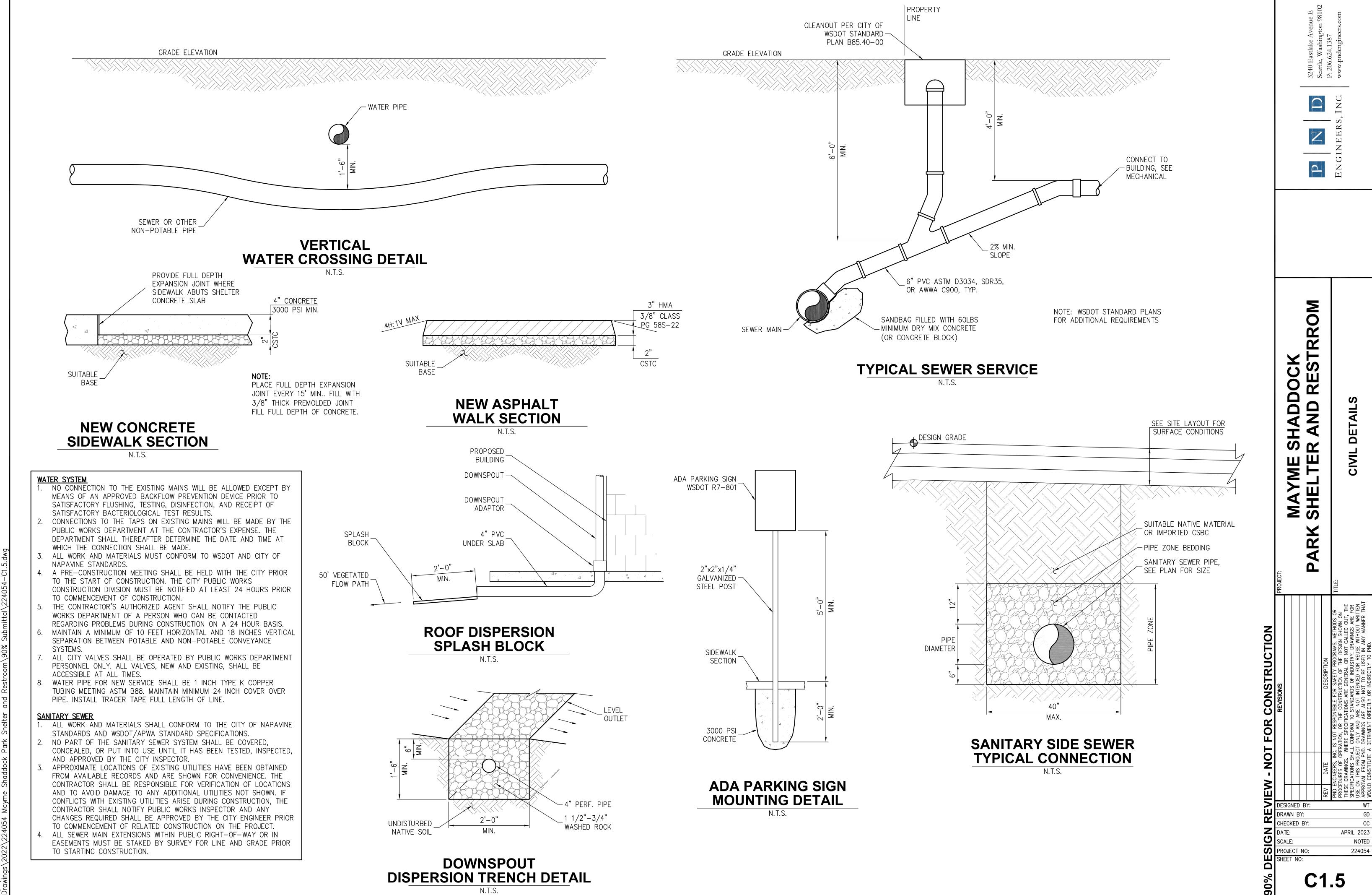
TYPICAL SHEARWALL AT TYPICAL STUD WALL CORNER ROOF RIDGE











4/4/23 Drawinas\2022\224054 Mavme Shaddock Park Shelter and Restroom\90% Submittal\224054—C15 dwa

Cushing Terrell.

BID **COVER SHEET GENERAL** INFORMATION

OCUMEN

100%

04.28.2023

PND SHADDOCK PARK PICNIC SHELTER

PROJECT DESCRIPTION

THE PROJECT CONSIST OF NEW BUILDING AT 555 2ND AVENUE NE, NAPAVINE, WASHINGTON. THE PROPOSED SCOPE OF WORK INCLUDES THE CONSTRUCTION OF NEW FOUNDATION, EXTERIOR WALLS, ROOF, PARTITION WALLS, FLOORS AND CEILINGS; INSTALLATION OF ALL FIXTURES, FURNISHINGS, AND EQUIPMENT; AND ALL ASSOCIATED MECHANICAL, ELECTRICAL, AND PLUMBING.

BUILDING HEIGHT:

1-STORY (19'-0")

APPLICABLE CODES

PROJECT DATA

OCCUPANCY TYPE:

U (IBC)

CONSTRUCTION TYPE

GROSS AREA

323 SF BUILDING AREA 1,846 SF OF COVERED AREA

PROJECT ADDRESS

2107 SF FIRE AREA INCLUDES ROOF OVERHANG

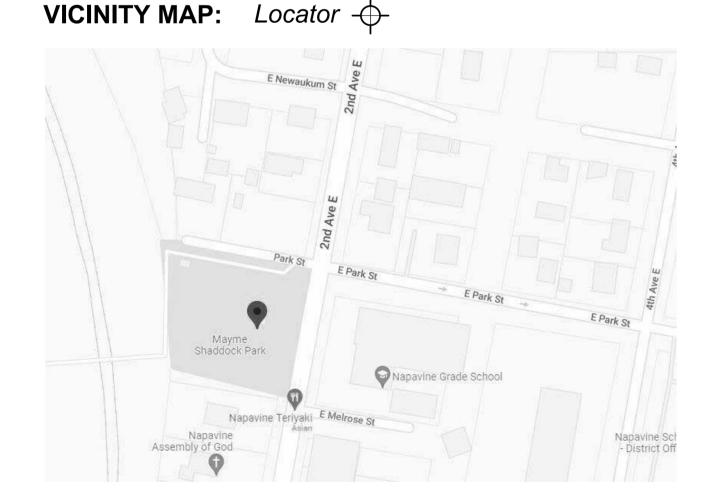
555 2nd Avenue NE, Napavine, Washington

INTERNATIONAL BUILDING CODES (IBC):

1. 2018 INTERNATIONAL BUILDING CODE 2. 2018 INTERNATIONAL MECHANICAL CODE 3. 2018 INTERNATIONAL PLUMBING CODE

4. 2018 WASHINGTON STATE ENERGY CODE

2009 ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES



GENERAL CONSTRUCTION NOTES

- CONTRACTOR TO VISIT THE SITE PRIOR TO COMMENCEMENT OF WORK TO BECOME FAMILIAR WITH ALL EXISTING CONDITIONS. COMMENCEMENT OF WORK IN ANY GIVEN AREA SHALL BE UNDERSTOOD TO REPRESENT THAT THE CONTRACTOR HAS CHECKED EXISTING CONDITIONS AND FOUND THEM SATISFACTORY TO ACCEPT HIS PORTION OF WORK.
- REFERENCE PLUMBING SHEETS FOR EXACT DIMENSIONAL LOCATIONS OF REFRIGERATION AND FOOD SERVICE DRAINS AND EQUIPMENT LOCATIONS. 3. FLOOR DRAINS AND TRENCH DRAINS INDICATED ON ANY ARCHITECTURAL PLANS ARE FOR REFERENCE ONLY. PLUMBING SHEETS IDENTIFY DRAIN
- GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL WORK REQUIRED TO ACCOMMODATE ALL NECESSARY UNDERSLAB UTILITY LINES AND IN SLAB DRAINS. THIS INCLUDES BUT IS NOT LIMITED TO MECHANICAL, PLUMBING, ELECTRICAL. ALL DIMENSIONS ARE TO FACE OF STUD, FACE OF MASONRY, UNLESS OTHERWISE NOTED.
- ALL TOILET FIXTURES, ACCESSORIES, SIGNAGE, AND PUBLIC AMENITIES SHALL CONFORM TO ADA STANDARDS. PLEASE SEE SHEET G100. REFERENCE A101 ASSEMBLIES FOR WALL TYPES AND FOR SPECIFIC LOCATIONS OF MOISTURE RESISTANT GYPSUM WALL BOARD AND TILE BACKER 8. CONTRACTOR SHALL INFORM ARCHITECT IN WRITING OF ANY AND ALL CONSTRUCTION DISCREPANCIES. ERRORS AND OMISSIONS ON THE
- CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO ARCHITECTS' ATTENTION PRIOR TO PROCEEDING WITH WORK AFFECTED BY SUCH DISCREPANCIES. 9. CONTRACTOR TO COORDINATE INSTALLATION DETAILS OF ALL LIGHT FIXTURES ACCORDING TO DETAILS IN DOCUMENTS. ANY DEVIATION FROM
- INSTALLATION DETAILING SHALL BE APPROVED BY ARCHITECT. 10. DO NOT SCALE DIMENSIONS. CALCULATE REQUIRED DIMENSIONS. WHERE THERE ARE DISCREPANCIES OR MISSING DIMENSIONAL INFORMATION
- CONTACT ARCHITECT IMMEDIATELY IN WRITING. 11. GC TO PROVIDE SECURITY FENCING AROUND THE SITE FOR THE DURATION OF THE PROJECT.

3240 Eastlake Avenue F. 206.624.1387 Contact: Adam Tyner

Cushing Terrell 1201 Western Avenue, Suite 700 Seattle, WA 98101 406.896.6152

Cushing Terrell 1201 Western Avenue, Suite 700 Seattle, WA 98101 408.896.6169 Contact: Jeff Haidle

ELECTRICAL ENGINEER Cushing Terrell Seattle, WA 98101

1201 Western Avenue, Suite 700 206.395.7603 Contact: Kara Eberle-Lott

OWNER City of Napavine Washington 407 Brirch Avenue SW Napavine. WA 98565 360.262.3547 Contact: -

100% PRICING SET

SHEET INDEX

GENER	RAL								
G001	COVER SHEET, GENERAL INFORMATION								
G100	ACCESSIBILITY DIAGRAMS AND DETAILS								
ARCHI	ARCHITECTURAL								

A101 FLOOR PLANS & DOOR SCHEDULE A110 ROOF PLANS & REFLECTED CEILING PLAN EXTERIOR ELEVATIONS

A301 BUILDING SECTIONS, WALL SECTIONS A302 SECTION DETAILS & ROOF DETAILS A501 ENLARGED FINISH PLAN, SCHEDULES & DETAILS A701 INTERIOR ELEVATIONS

PLUMBING

E200 ELECTRICAL PLANS

E300 LOW VOLTAGE PLANS

P001 PLUMBING SCHEDULES, DETAILS, AND LEGENDS P002 PLUMBING SPECIFICATIONS P101 PLUMBING PLANS

P300 PLUMBING ISOMETRIC VIEWS

MECHANICAL M001 MECHANICAL SCHEDULES, LEGENDS, AND SPECIFICATION. M101 MECHANICAL PLANS

ELECTRICAL E001 LEGENDS, SCHEDULES AND PANELS E002 ELECTRICAL SPECIFICATIONS

CLR COL CLEAR, CLEARANCE COLUMN CONC CONCRETE CONTINUOUS OR CONTINUE CONNECTION DETL

FOR VISUALIZATION PURPOSES ONLY

ABBREVIATIONS

ACT ADA

ALT

ANC

ANOD

ARCH

BLKG

BTWN

CB

CG

B.O. OR B/

APPROX

ABOVE

ACCESS

ADJACENT

ALUMINUM

ALTERNATE

ANODIZED

BOARD

BELOW

BETWEEN

BUILDING

BLOCKING

BOTTOM OF

BETWEEN

CEILING

COMPLETE WITH

CORNER GUARD

CONTROL JOINT

CATCH BASIN

BENCH MARK

APPROXIMATE

ANCHOR BOLT

ACOUSTICAL TILE

ABOVE FINISHED FLOOR

ANCHOR, ANCHORAGE

ARCHITECT, ARCHITECTURAL

AMERICANS WITH DISABILITIES ACT

DETAIL EXISTING EACH ELECTRIC, ELECTRICAL **ELEC** EQ **EQUAL EQUIPMENT EQPM EACH WAY** E/W **EXTERIOR** FLOOR DRAIN FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FINISH FLOOR FFE FINISHED FLOOR ELEVATION FFL FINISHED FLOOR LINE FIN FCO FINISH, FINISHED FLOOR CLEANOUT

FOF FRT FACE OF FINISH FIRE TREATED WOOD FTG **FOOTING** GAUGE, GAGE GALVANIZED

GA GALV GENERAL CONTRACTOR, CONTRACTOR GALVANIZED IRON **GWB** GYPSUM WALL BOARD GYP GYPSUM HEADER **HOLLOW METAL** HEIGHT

INVERT ELEVATION INSULATE, INSULATED, INSULATION

LENGTH

LIGHTWEIGHT

VAR VB VERT VARIES **VAPOR BARRIER VERTICAL** VG VERTICAL GRAIN VTR **VENT THROUGH ROOF** WEST WOOD W/O WITHOUT WP WATERPROOFING WWF WELDED WIRE FABRIC

CIVIL ENGINNER

PND Engineers, Inc. 3240 Eastlake Avenue F. Seattle. WA 98102 206.624.1387 Contact: Adam Tyner

STRUCTURAL ENGINNER

PND Engineers,Inc. Seattle. WA 98102

MECHANICAL ENGINEER

Contact: Shawn Murray

MATERIAL, MATERIALS

MECHANIC, MECHANICAL MECH/ELECT/PLUMBING

MEDIUM DENSITY FIBERBOARD

MANUFACTURE, MANUFACTURER

MAXIMUM

MINIMUM

METAL

NORTH

OVERALL

OVERHEAD

OPPOSITE

PLYWOOD

PARTITION

ROOF DRAIN

REFRIGERATION

REVERSE (SIDE)

ROUGH OPENING

SOUTH

SIMILAR

SQUARE

STEEL

STRUCTURAL

TELEPHONE

TOP OF

TYPICAL

SCHEDULE

STORM DRAIN

SQUARE FOOT

SPECIFICATION(S)

STAINLESS STEEL STANDARD

TONGUE AND GROOVE

TENANT IMPROVEMENT

TO BE DETERMINED

RAINWATER LEADER

PANEL

MICELLANEOUS

NOT IN CONTRACT

ON CENTER, ON CENTERS

ORIENTED STRAND BOARD

POUNDS PER SQUARE FOOT

POUNDS PER SQUARE INCH

PRESSURE TREATED

REFERENCE OR REFER

REINFORCING, REINFORCED

NOT TO SCALE

MAX

MDF

MFR

MIN

MISC

MTL

NTS

OA OC OD

ОН

PLY

PNL

PSF

PSI

PT

RD

REFG

REIN.

REV

RO

RWL

SCH

SD

SIM

SPEC

SQ SSTL

STD

STL

T&G TBD TEL

TYP

STRUCT

T.O. OR T/

PTN

OPP

MECH

MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS





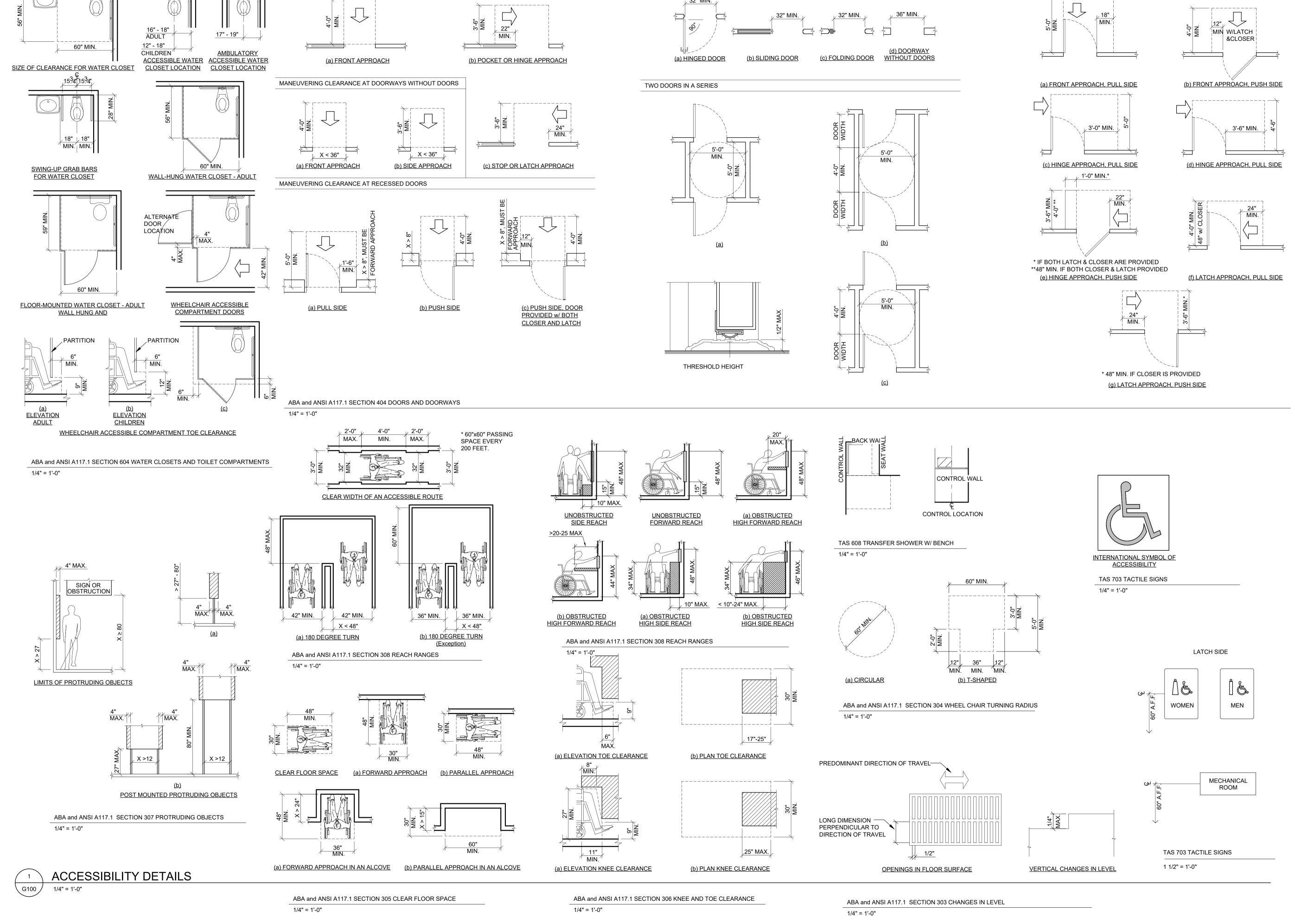
04.28.2023

PROJ# | SHADPICNIC_CDS DESIGNED BY | JF DRAWN BY | AA REVIEWED BY | JF REVISIONS

DOCUMEN.

100%

ACCESSIBILITY DIAGRAMS AND DETAILS



CLEAR WIDTH OF DOORS

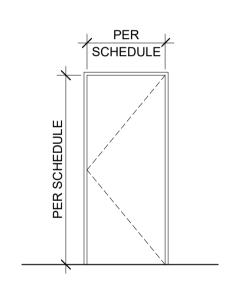
MANEUVERING CLEARANCE AT SLIDING AND FOLDING DOORS

			A201			
C		08.03 09.04 09.03 OOOF ABOVE ALIGNS FOR CONCRETE		09.04 09.03 08.03		H1- PUBLIC RESTROOM (3) HINGES 5BB1 4.5X4.5 (1) STOP IVS401 (1) CLOSER 1601 (1) WEATHERSRIP AM88D (1) THRESHOLD 151A (1) SWEEP 90100_NB (1) LOCKSET-ENT AD200-CY-70-HHARD WIRED ACCESS CONTR (1) PUSH 8300 4X16 (1) PULL 8190-2 (1) KICK 8400-12" H2- UTILITY ROOM
			RECREATION AREA 04 1518 SF			(3) HINGES 5BB1 4.5X4.5 (1) WEATHERSRIP AM88D (1) THRESHOLD 151A (1) SWEEP 90100_NB (1) LOCKSET-STR AD200-CY-70-F HARD-WIRED ACCESS CONTE
23'-2 3/4"	7		22'-8"			PER SCHEDULE
B	09.07		10.02	26.01		3 DOOF A101 1/4" = 1'-0'
A201 1 1	14-0 1/4"	143 SF 5 A701 7 09.06 8 09.06	UMB 03 4 SF 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	WOMEN	2 A201	
6 A301	5'-5 3/4"	10.04 2 6 A201 10.04 2 6 A201 5'-8 1/2" 7'-3 5/8"	10.03 10.03 5 1 9'-2 1	10.04 10.04 09.07 W1		EXTERIOR WA
	6'-1"	5'-8 1/2" 5'-7 1/2"	5'-7 1/2"	5'-8 1/2"		

(3) HINGES	5BB1 4.5X4.5		IVES	US32E
(1) STOP	IVS401		IVES	US32E
(1) CLOSER	1601		NORTON	US32E
(1) WEATHERSRIP	AM88D		PEMCO	
(1) THRESHOLD			PEMKO	US32E
(1) SWEEP	90100_NB		PEMKO	US32E
(1) LOCKSET-ENT	AD200-CY-70-KP-626-P6-S123	3	SCHLAGE	US32E
HARD WIRED A	CCESS CONTROL SYSTEM			
(1) PUSH	8300 4X16		IVES	US32E
(1) PULL	8190-2		IVES	US32E
(1) KICK	8400-12"		IVES	US32E

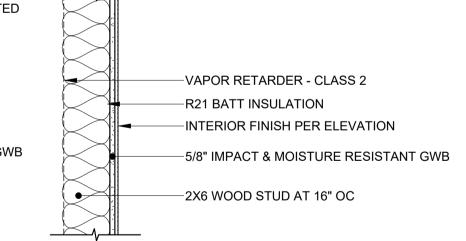
H2- UTILITY ROOM

(3) HINGES (1) WEATHERSRIP	5BB1 4.5X4.5 AM88D	IVES PEMCO	US32D
(1) THRESHOLD	151A	PEMKO	US32D
` ,	90100_NB	PEMKO	US32D
(1) LOCKSET-STR	AD200-CY-70-KP-626-P6-S123	SCHLAGE	US32D
HARD-WIRED A	ACCESS CONTROL SYSTEM		



DOOR ELEVATION TYPE A 1/4" = 1'-0"

-R21 BATT INSULATION WHERE INDICATED -CEDAR SHINGLE SIDING -SELF ADHERING WRB/AIR BARRIER -7/16" OSB SHEATHING PER STRUCTURAL -5/8" IMPACT & MOISTURE RESISTANT GWB -2X6 WOOD STUD @ 16" OC



DOORS NOTES

AND DESIGN INTENT.

ALL DOORS.

NOT USED

DARK BRONZE.

SCHEDULED HARDWARE.

A. PREP DOOR AND FRAME FOR HARDWARE COMPONENTS AS SCHEDULED. ENSURE THE DOOR IS FULLY FUNCTIONING PER

B. DOOR MATERIAL- REFER TO ABBREVIATIONS LEGEND FOR FINISH. CONFIRM WITH FINISH SCHEDULE FOR FINAL SELECTION. C. SUBMIT SHOP DRAWINGS FOR ALL DOORS, FRAMES, AND

HARDWARE FOR REVIEW IN COMPLIANCE WITH SPECIFICATIONS

D. PROVIDE ALL PARTS NECESSARY FOR THE PROPER OPERATION OF

E. ALL DOORS MUST BE OPERABLE FROM THE INSIDE WITHOUT THE

G. FLASHING AT DOORS AND EXTERIOR SINK TERMINATIONS – 24GA PREFINISHED STEEL FLASHING, PROFILE PER DETAIL, COLOR: AEP

H. HOLLOW METAL DOOR FRAME- BASIS OF DESIGN: STEELCRAFT F-14, GALVANNEALED.FILL THE CAVITY WITH CLOSED-CELL SPRAY FOAM

I. HOLLOW METAL DOOR FRAME- PAINT BASIS OF DESIGN: SHERWIN WILLIAMS PRO INDUSTRIAL WATER-BASED ALKYD URETHANE.

HOLLOW METAL DOOR- BASIS OF DESIGN: CURRIES 707 SERIES, WITH CLOSER REINFORCEMENT, 14GA FACE. FACTORY PRIME AND

K. HOLLOW METAL DOOR PAINT- BASIS OF DESIGN: SHERWIN WILLIAMS PRO INDUSTRIAL WATER-BASED ALKYD URETHANE. SHEER: SEMI-

USE OF A KEY, SPECIAL KNOWLEDGE, OR EFFORT.

SHEER: SEMI-GLOSS. COLOR: DARK BROWN TBD.

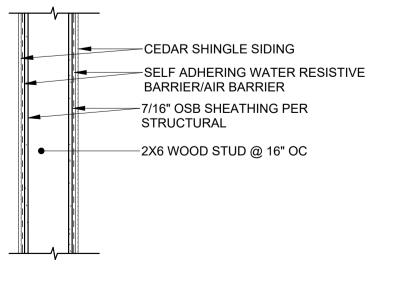
FIELD PAINT WITH 2 COATS FINISH.

GLOSS. COLOR: DARK BROWN TBD.





W2 INTERIOR PLUMBING WALL



W3 EXTERIOR WALL - PONY WALL-TWO SIDED CEDAR SHINGLE SIDING

WALL ASSEMBLIES

PROJECT NORTH

WALL TYPE LEGEND

SCALE: 1" = 1'-0"

GENERAL WALL TYPE NOTES:

- A. SEE INTERIOR ELEVATIONS (SHEET 701) AND FINISH SCHEDULE (SHEET A501) FOR WALL FINISHES.
- B. PROVIDE BLOCKING AS REQUIRED TO SECURE WALL HUNG COMPONENTS. C. EXTEND ALL COMPONENTS TO UNDERSIDE OF DECK, UNLESS NOTED OTHERWISE.

PLAN LEGEND

ASSEMBLY TYPE (SEE ASSEMBLIES SHEET)

ASSEMBLY MODIFIER, PER TYPE

NAME | ROOM NAME AND NUMBER

WINDOW TYPE (SEE A600s)

____KEYNOTE

DIRECTION OF VIEW, IF APPLICABLE —DRAWING NUMBER —SHEET WHERE DRAWN

DOOR NUMBER (SEE SHEET A601) → DIMENSION TO FACE OF FRAMING

───── DIMENSION TO GRID LINE

→ DIMENSION TO CENTER LINE

GENERAL EXTERIOR FINISH NOTES

- A. FLASHING:24 GA PREFINISHED STEEL FLASHING, PROFILE PER DETAIL. COLOR: AEP WALNUT.
- B. CEDAR SIDEWALL SHINGLE FINSIH WITH TIMBER OIL. BUTT TO 2X2 CEDAR TRIM AT INTERIOR CORNER, BUTT TO CEDAR #1 S2S 1X4 TRIM AT OUTSIDE CORNERS.WOOD TREATMENT BASIS OF DESIGN:CABOT AUSTRALIAN TIMBER OIL # 19400 SERIES, VOC COMPLIANT.
- C. GLULAM BEAMS AND EXPOSED WOOD STRUCTURAL AND FRAMING MEMBERS- BASIS OF DESIGN: MINWAX HELMSMAN SPAR URETHANE 350 VOC COMPLIANT. SHEEN: SATIN.
- D. EXPOSED WOOD FASCIA PRIME AND 2 COATS PAINTED FINISH.
- COLOR TBD, SHEEN FLAT. E. EXTERIOR STEEL STRUCTURAL MEMBERS, BRACKETS, BOLTS, AND NUTS- BASIS OF DESIGN: SHERWIN WILLIAMS PRO INDUSTRIAL WATER-BASED ALKYD URETHANE. SHEEN: SEMI-GLOSS.
- F. EXPOSED CONCRETE STEM WALL- BASIS OF DESIGN: SIKAGARD
- 740W WATER-REPELLENT PENETRATING SEALER. G. EXTERIOR CONCRETE COLUMN BASES- BASIS OF DESIGN: SIKAGARD
- 740W WATER-REPELLENT PENETRATING SEALER. H. CONCRETE SLAB ON GRADE - SIKAGARD 740W WATER-REPELLENT PENETRATING SEALER

KEYNOTES

- 08.03 3" ROUND 16GA PREFINISHED STEEL DOWNSPOUT WITH HEAVY DUTY SUPPORT BRACKET AND EXTRA ATTACHMENT POINT TO RESIST 200LB HANGING LOAD. COLOR: DARK BRONZE.CONNECT TO DRAINAGE SYSTEM WITH PAINTED PVC BOOT
- 09.03 EXTERIOR STEEL STRUCTURAL MEMBERS, BRACKETS, BOLTS AND NUTS – PRIME AND 2 COATS HIGH PERFORMANCE ALKYD PAINT, SEMI-GLOSS. COLOR: DARK BROWN TBD
- 09.04 EXTERIOR CONCRETE COLUMN BASES SACK AND PATCH FINISH WITH SPRAY-ON CONCRETE SEALER, SLOPE COLUMN TOPS TO DRAIN.
- 09.06 FRP TRIM STAINLESS STEEL CAP STRIP / J MOULD, STAINLESS STEEL INSIDE CORNER TRIM, STAINLESS STEEL CORNER GUARDS (F560SS) AT ALL OUTSIDE CORNERS, STAINLESS STEEL DIVIDERS (BETWEEN PANELS)INSTALLED BY GC, TYP. 09.07 TRIM: 1X4 #1 S2S CEDAR – 2 COATS OIL BASED PRESERVATIVE
- 10.02 CUSTOM 316L MARINE GRADE 16GA STAINLESS STEEL COUNTERTOP WITH 6" BACK AND SIDE SPLASH. TO BE
- INSTALLED OVER 3/4" MARINE GRADE PLYWOOD SUBSTRATE ATTACHED TO 2X6 FIR CAR DECKING SPANNING OVER HIDDEN L-SHAPED HEAVY DUTY PAINTED STEEL SUPPORT BRACKETS SPACED 36" OC MAX.
- 10.03 LOCATION OF ADA SIGNAGE, REFER TO SIGNAGE SHEET FOR MOUNTING HEIGHT.
- 10.04 OWNER SUPPLIED WAYFINDING SIGNAGE, FOR MEN'S AND WOMEN'S RR. GC TO COORDINATE WITH OWNER.
- 10.05 SURFACE MOUNT FIRE EXTINGUISHER CABINET, LOCKABLE DOOR WITH BREAKABLE GLASS. TO BE OWNER SUPPLIED IF
- 26.01 ELECTRICAL PANELS. REFER TO ELECTRICAL

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CUMEN

FLOOR PLANS & DOOR SCHEDULE

1/4" = 1'-0"

FLOOR PLAN

REFLECTED CEILING PLAN

A110 /

PROJECT NORTH

1/4" = 1'-0"

ROOF PLAN

4/28/2023 10:32:48 AM | Project# SHADPICNIC_CDS | L:\SHADPICNIC_CDS\BIMCAD\Revit

1/4" = 1'-0"

ASSEMBLY TYPE (SEE ASSEMBLIES SHEET)

ASSEMBLY MODIFIER, PER TYPE NAME | ROOM NAME AND NUMBER WINDOW TYPE (SEE A600s) <u>xx</u> ≪ KEYNOTE DIRECTION OF VIEW, IF APPLICABLE

ORAWING NUMBER

XXX000 SHEET WHERE DRAWN DOOR NUMBER (SEE SHEET A601) → DIMENSION TO FACE OF FRAMING → DIMENSION TO GRID LINE

REFLECTED CEILING LEGEND

CEILING HEIGH	T	-	VARIES	
ADDITIONAL NO)TES	-	NOTES	
	2X6 CAR DECKING		CEIL	SUM BOARD ING - PRIME Y, CAULK ALL ETRATIONS.

LIGHTING -SEE ELECTRICAL **HVAC REGISTERS -**SEE MECHANICAL \vdash

CEILING MATERIAL

CEILING MATERIAL-

DECKING IS VISIBLE. GWB-1 GYMPSON WALL BOARD CEILING IN PLUMBING CHASE – PRIME ONLY, CAULK ALL PENETRATIONS.

CEILING HEIGHT

VAR VARIES

1. ROOF EDGE FLASHING - USE 24GA PREFINISHED STEEL FLASHING, COLOR: MATTE BLACK. 2. SOFFIT: 2X6 FIR CAR DECKING – 2 COATS OIL BASED #1 OR BETTER APPEARANCE GRADE. WOOD TREATMENT BASIS OF DESIGN - CABOT AUSTRALIAN TIMBER OIL #19400 SERIES, VOC

PRESERVATIVE TREATMENT. 4. ALL STEEL STRUCTURAL BRACKETS EXPOSED TO VIEW SHALL BE PRIMED AND PAINTED.

KEYNOTES

- 08.01 STANDING SEAM MTL ROOFING 12" PANEL WIDTH, LOCK RIB, CONCEALED FASTENER.BASIS OF DESIGN - AEP DESIGN SPAN,
- 08.02 5"K SHAPE 24GA PREFINISHED STEEL GUTTER, COLOR: TO
- 08.03 3" ROUND 16GA PREFINISHED STEEL DOWNSPOUT WITH HEAVY DUTY SUPPORT BRACKET AND EXTRA ATTACHMENT POINT TO RESIST 200LB HANGING LOAD. COLOR: DARK

DOWSPOUT CALCULATION

GUTTER LENGHT-55' (MIN. SIZE RE. 3" WIDE X 2.5" DEEP) PROPOSED SIZE: 5"

DOWSPOUT AREA REQUIRED: 1.87 SQ INCH(REQUIRED BASED ON PROPOSED SIZE: (1) 3" RD (4.1 RD (4.1 SQ INCH) EACH ROOF

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> **ROOF PLANS &** REFLECTED CEILING

100%

PLAN LEGEND

→ DIMENSION TO CENTER LINE

CEILING HEIGH	Т	-	VARIES	
ADDITIONAL NO)TES		NOTES	
	2X6 CAR DECKING		CEIL ONL	SUM BOARD ING - PRIME Y, CAULK AL ETRATIONS.

ACT

EXP-1 WOOD PRESERVATIVE SHOWN FOR SOFFIT WHERE 2X6 CAR

ROOF NOTES

PRESERVATIVE. DECKING MATERIAL TO BE SPECIFIED BY STRUCTURAL,

3.ALL WOOD BEAMS EXPOSED TO VIEW TO RECEIVE WOOD

- 12" PANEL, 22 GA, COLOR: MATTE BLACK.
- MATCH MATTE BLACK
 - BRONZE.CONNECT TO DRAINAGE SYSTEM WITH PAINTED PVC
- 08.05 ROOF EDGE FLASHING:24GA PREFINISHED STEEL FLASHING, COLOR: MATTE BLACK.

RAINFALL INTENSITY: 2.1

PROJECT NORTH

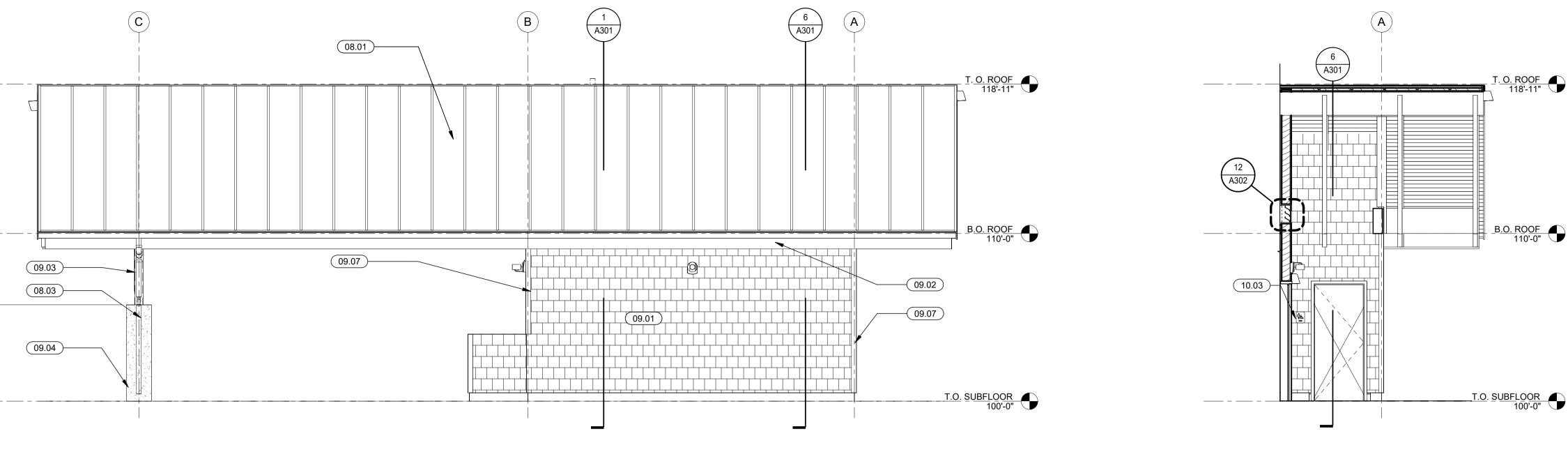
ROOF AREA TYPICAL- 1067 SF

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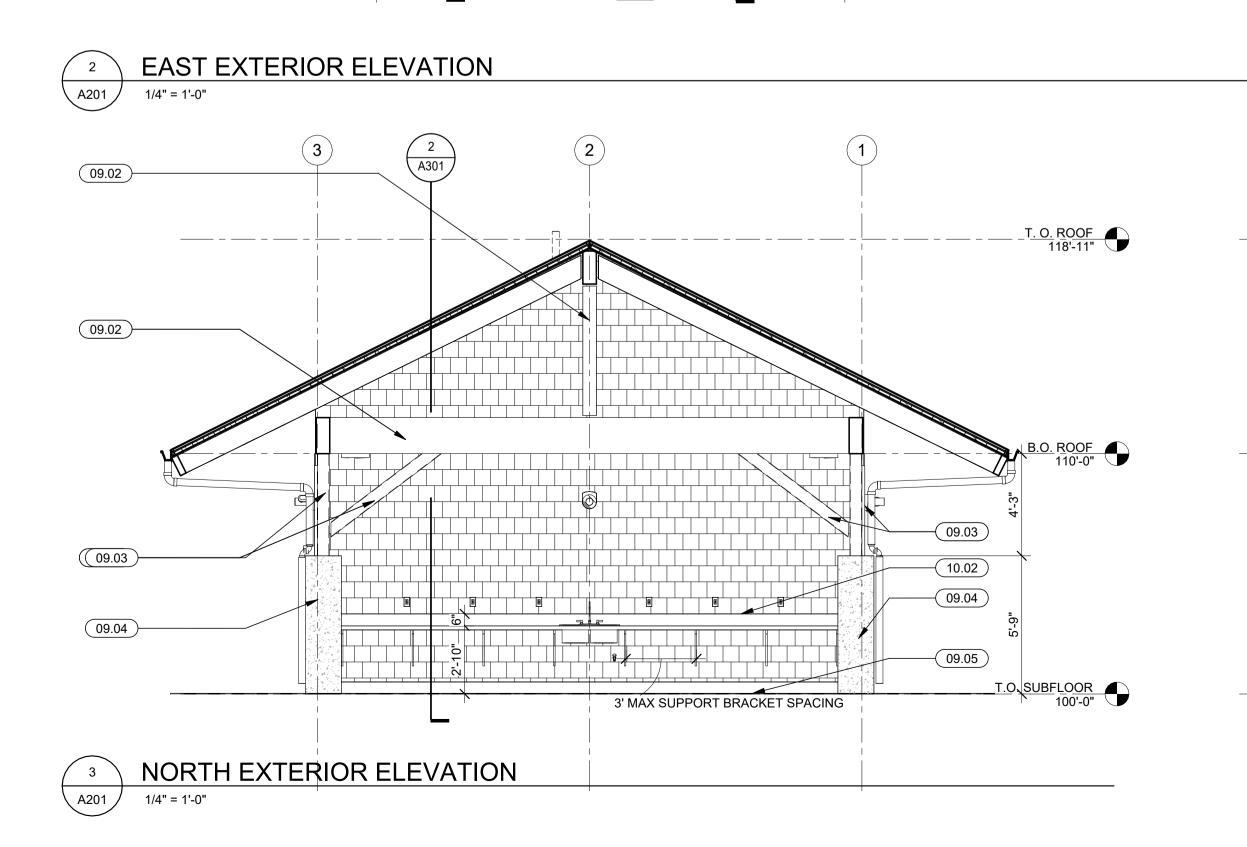
EXTERIOR ELEVATIONS

REVISIONS





1/4" = 1'-0" (A)08.01 A301 A301 B.O. ROOF 110'-0" - 09.03 09.01 (09.04) (09.07) (09.05)

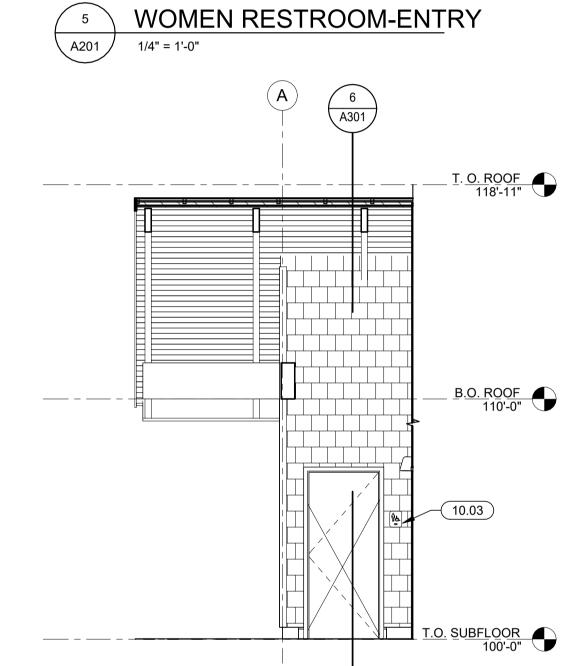


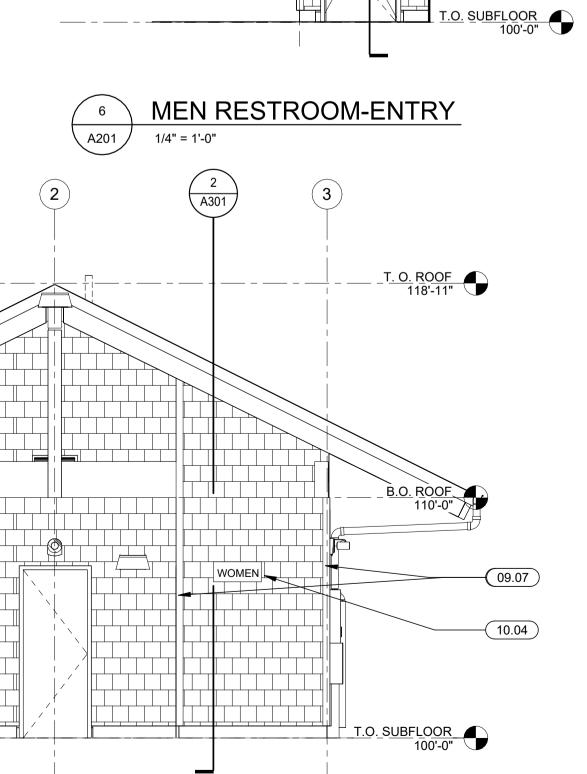
(10.05)——/

WEST EXTERIOR ELEVATION

A201

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___T.O. <u>SUBFLOOR</u> 100'-0"

SOUTH EXTERIOR ELEVATION

08.01

09.02

08.05

(09.07)

10.04

GENERAL EXTERIOR FINISH NOTES

STANDING SEAM METAL ROOFING

CEDAR SIDEWALL SHINGLE

CONCRETE COLUMN

MATERIALS LEGEND

T. O. ROOF 118'-11"

B.O. ROOF 110'-0"

- A. FLASHING:24 GA PREFINISHED STEEL FLASHING, PROFILE PER DETAIL. COLOR: AEP WALNUT.
- B. CEDAR SIDEWALL SHINGLE FINSIH WITH TIMBER OIL. BUTT TO 2X2 CEDAR TRIM AT INTERIOR CORNER, BUTT TO CEDAR #1 S2S 1X4 TRIM AT OUTSIDE CORNERS.WOOD TREATMENT BASIS OF DESIGN:CABOT AUSTRALIAN TIMBER OIL # 19400 SERIES, VOC COMPLIANT.
- C. GLULAM BEAMS AND EXPOSED WOOD STRUCTURAL AND FRAMING MEMBERS- BASIS OF DESIGN: MINWAX HELMSMAN SPAR URETHANE 350 VOC COMPLIANT. SHEEN: SATIN.
- D. EXPOSED WOOD FASCIA PRIME AND 2 COATS PAINTED FINISH. COLOR TBD, SHEEN FLAT.
- E. EXTERIOR STEEL STRUCTURAL MEMBERS, BRACKETS, BOLTS, AND NUTS- BASIS OF DESIGN: SHERWIN WILLIAMS PRO INDUSTRIAL
- WATER-BASED ALKYD URETHANE. SHEEN: SEMI-GLOSS. F. EXPOSED CONCRETE STEM WALL- BASIS OF DESIGN: SIKAGARD 740W WATER-REPELLENT PENETRATING SEALER.
- G. EXTERIOR CONCRETE COLUMN BASES- BASIS OF DESIGN: SIKAGARD 740W WATER-REPELLENT PENETRATING SEALER.
- H. CONCRETE SLAB ON GRADE SIKAGARD 740W WATER-REPELLENT PENETRATING SEALER

KEYNOTES

- 08.01 STANDING SEAM MTL ROOFING 12" PANEL WIDTH, LOCK RIB, CONCEALED FASTENER.BASIS OF DESIGN - AEP DESIGN SPAN, 12" PANEL, 22 GA, COLOR: MATTE BLACK.
- 08.03 3" ROUND 16GA PREFINISHED STEEL DOWNSPOUT WITH HEAVY DUTY SUPPORT BRACKET AND EXTRA ATTACHMENT POINT TO RESIST 200LB HANGING LOAD. COLOR: DARK BRONZE.CONNECT TO DRAINAGE SYSTEM WITH PAINTED PVC BOOT
- 08.05 ROOF EDGE FLASHING:24GA PREFINISHED STEEL FLASHING, COLOR: MATTE BLACK.
- 09.01 CEDAR SIDEWALL SHINGLE #1 GRADE RED CEDAR 18" -NATURAL (NOT GROOVED), 6" REVEAL PATTERN, WITH 2 COATS OIL BASED PRESERVATIVE.
- 09.02 GLULAM BEAMS AND EXPOSED WOOD STRUCTURAL AND FRAMING MEMBERS – ARCHITECTURAL GRADE BEAMS WITH 2 COATS SPAR URETHANE ON ALL EXPOSED SURFACES.
- 09.03 EXTERIOR STEEL STRUCTURAL MEMBERS, BRACKETS, BOLTS AND NUTS – PRIME AND 2 COATS HIGH PERFORMANCE ALKYD PAINT, SEMI-GLOSS. COLOR: DARK BROWN TBD
- 09.04 EXTERIOR CONCRETE COLUMN BASES SACK AND PATCH FINISH WITH SPRAY-ON CONCRETE SEALER, SLOPE COLUMN TOPS TO DRAIN.
- 09.05 EXPOSED CONCRETE STEM WALL- BOTH INTERIOR AND EXTERIOR, SACK AND PATCH, FINISH WITH SPRAY-ON CONCRETE
- 09.07 TRIM: 1X4 #1 S2S CEDAR 2 COATS OIL BASED PRESERVATIVE 10.02 CUSTOM 316L MARINE GRADE 16GA STAINLESS STEEL COUNTERTOP WITH 6" BACK AND SIDE SPLASH. TO BE INSTALLED OVER 3/4" MARINE GRADE PLYWOOD SUBSTRATE ATTACHED TO 2X6 FIR CAR DECKING SPANNING OVER HIDDEN L-SHAPED HEAVY DUTY PAINTED STEEL SUPPORT BRACKETS
- SPACED 36" OC MAX. 10.03 LOCATION OF ADA SIGNAGE, REFER TO SIGNAGE SHEET FOR MOUNTING HEIGHT.
- 10.04 OWNER SUPPLIED WAYFINDING SIGNAGE, FOR MEN'S AND WOMEN'S RR. GC TO COORDINATE WITH OWNER.
- 10.05 SURFACE MOUNT FIRE EXTINGUISHER CABINET, LOCKABLE DOOR WITH BREAKABLE GLASS. TO BE OWNER SUPPLIED IF
- 26.01 ELECTRICAL PANELS. REFER TO ELECTRICAL





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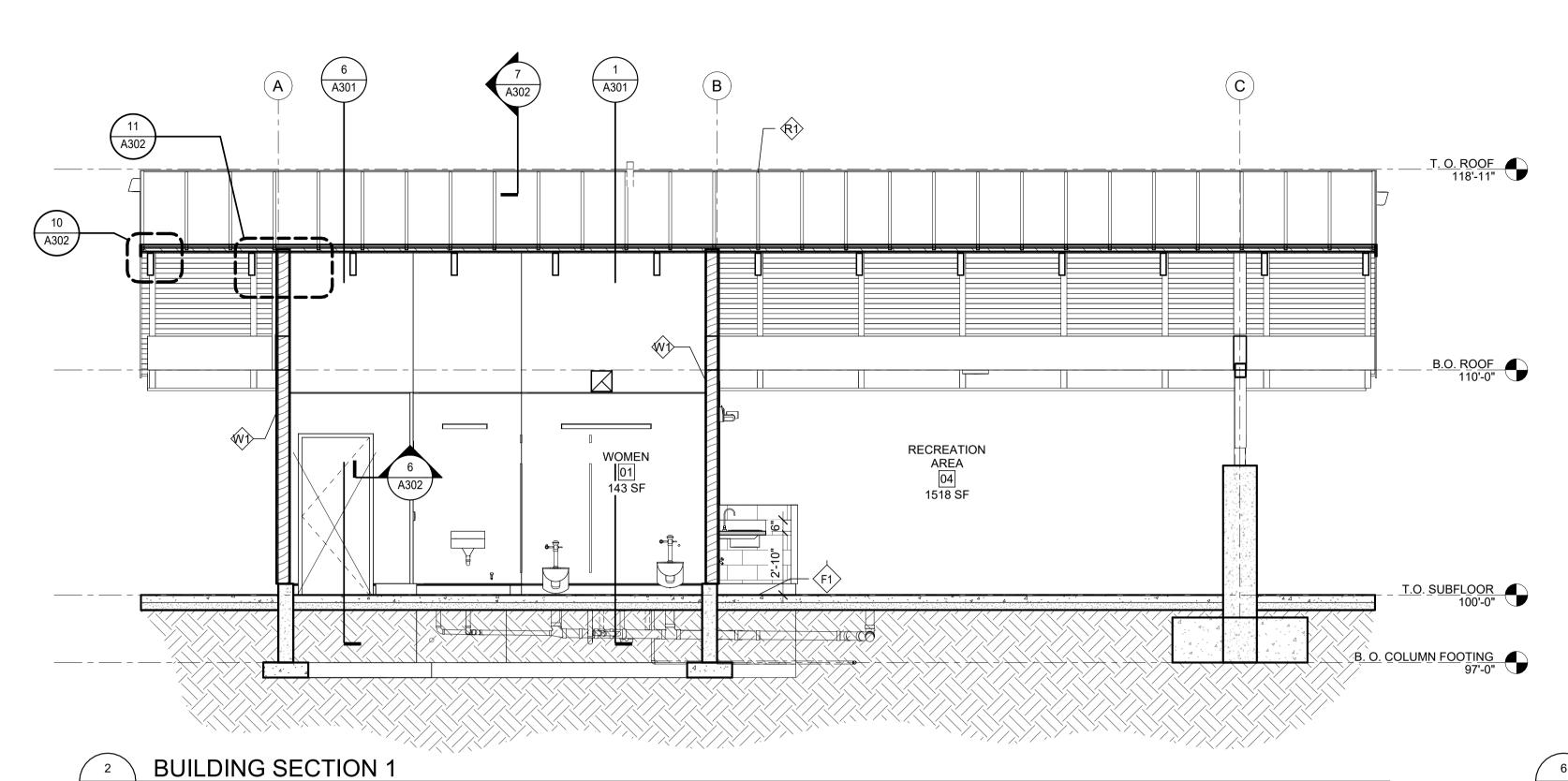
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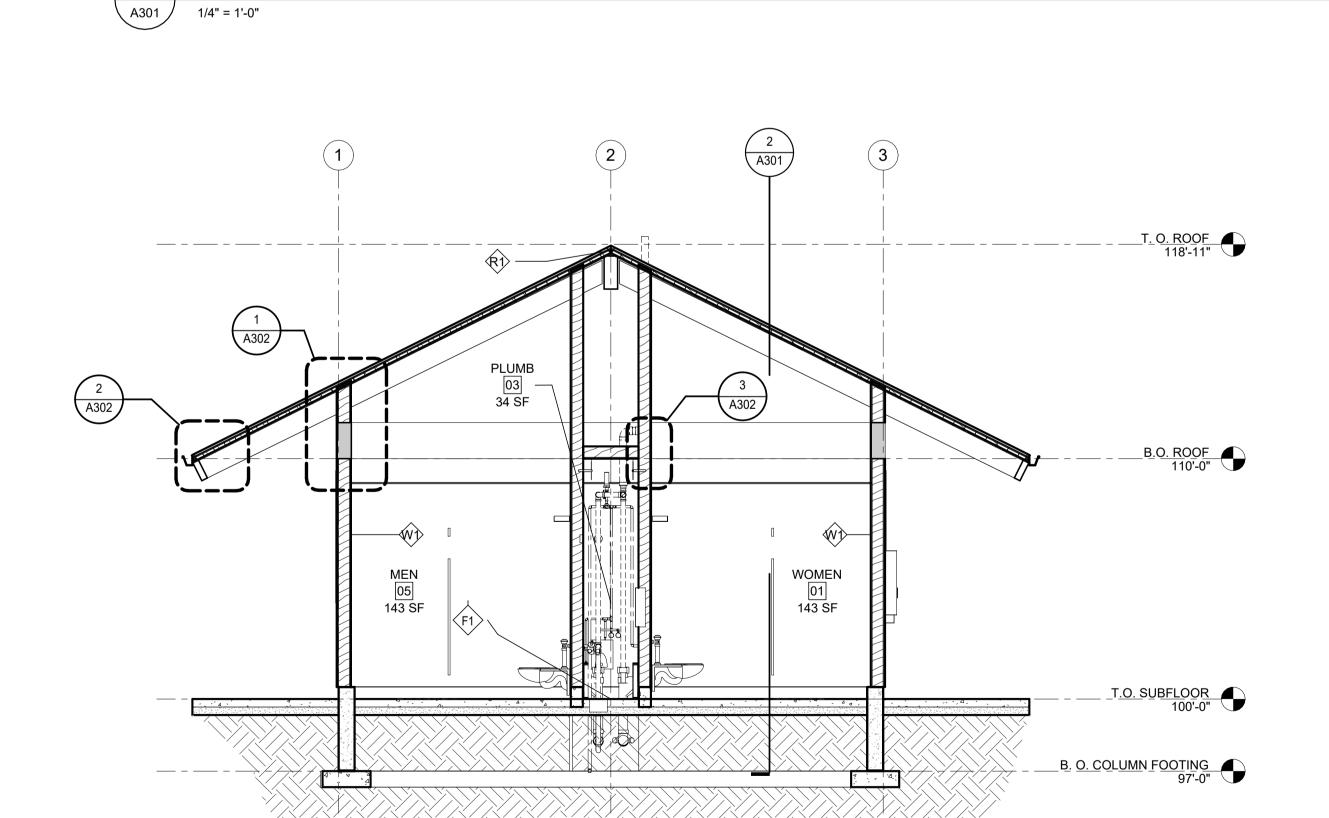
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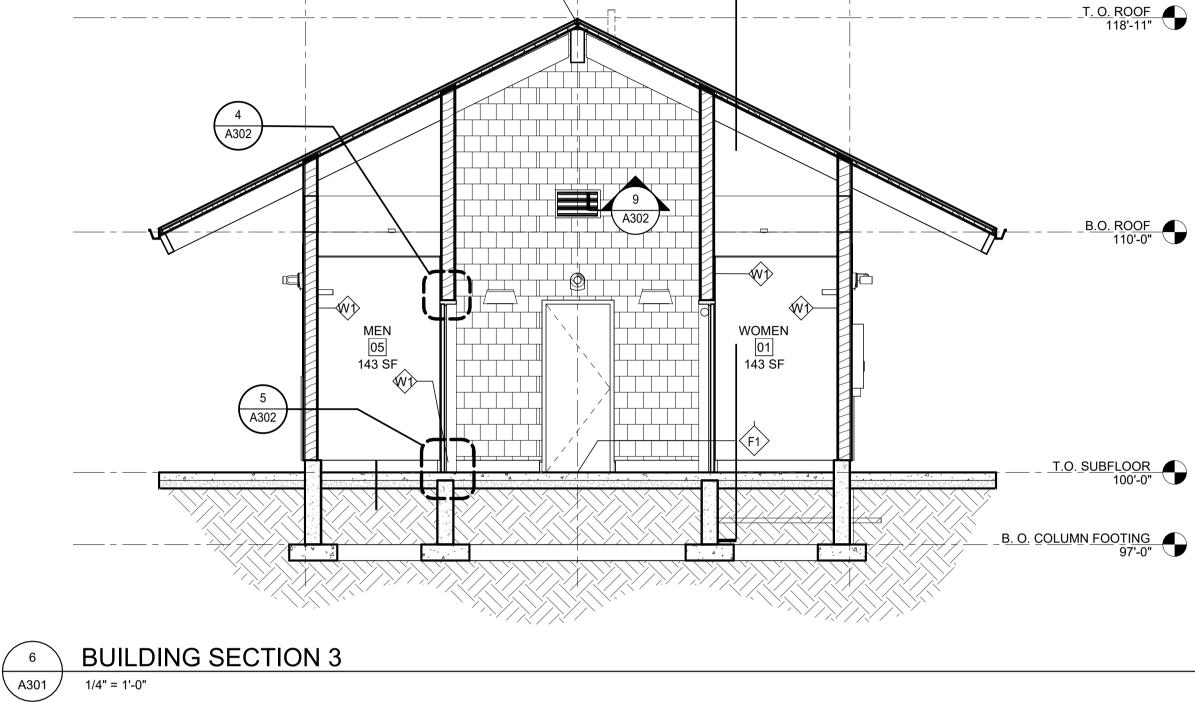
DOCUMEN

BUILDING SECTIONS, WALL SECTIONS

WALL SECTION A301



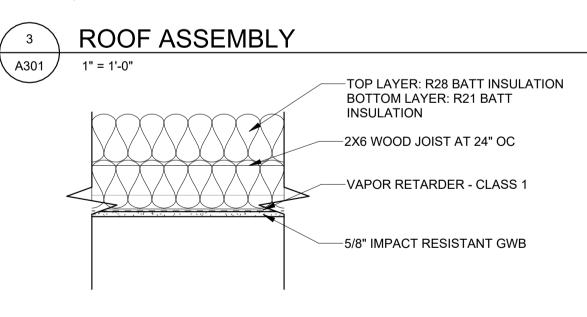




—STANDING SEAM STL. ROOFING HIGH TEMP UNDERLAYMENT -PLYWOOD SHEATHING PER STRUCTURAL -2X6 T&G FIR DECKING PER STRUCTURAL. APPEARANCE GRADE. WITH OBSERVABLE HOLES.

ROOF ASSEMBLY GENERAL:
A. INSTALLATION PER MFR GUIDE SPECIFICATION. COORD.
ATTACHMENT OF UNDERLAYMENT MATERIALS W/ STRUCTURAL FRAMING. B. SEE SECTIONS & DETAILS FOR ROOF & WALL TRANSITIONS & PARAPET DETAILS. . ROOF MEMBRANE ACCESSORIES SHALL COME FROM THE SAME MANUFACTURE OR FROM A SUPPLIER APPROVED BY THE MEMBRANE MANUFACTURER. ALL ROOF COVERING, MATERIAL AND ACCESSORIES SHALL BE COMPATIBLE WITH 2021 IBC. D. CHOOSE APPROPRIATE FASTENER LENGHT. NO SCREW PENETRATIONS THROUGHT THE BOTTOM OF THE T&G DECKING WILL BE ALLOWED. VISIBLE SCREWS PROTRUDING PAST THE DECKING WILL REQUIRE REMOVAL AND REPLACEMENT OF ANY T&G DECKING

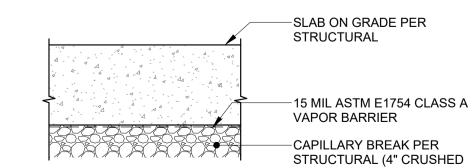
STANDING SEAM STEEL ROOFING OVER T&G DECKING



CEILING ASSEMBLY

\ A301 /

1" = 1'-0"



GRAVEL OR SIMILAR)

FLOOR ASSEMBLY GENERAL:

A. COORDINATE WITH BUILDING SECTIONS AND STRUCTURAL DRAWINGS FOR FINISH FLOOR ELEVATIONS. B. SEE SECTIONS & DETAILS FOR FLOOR & WALL TRANSITIONS. C. PROVIDE UNDER SLAB VAPOR RETARDER UNDER SLABS ON GRADE. COORDINATE REQUIREMENTS W/ STRUCTURAL. TAPE & SEAL ALL PENETRATIONS.

FLOOR ASSEMBLY \ A301 /

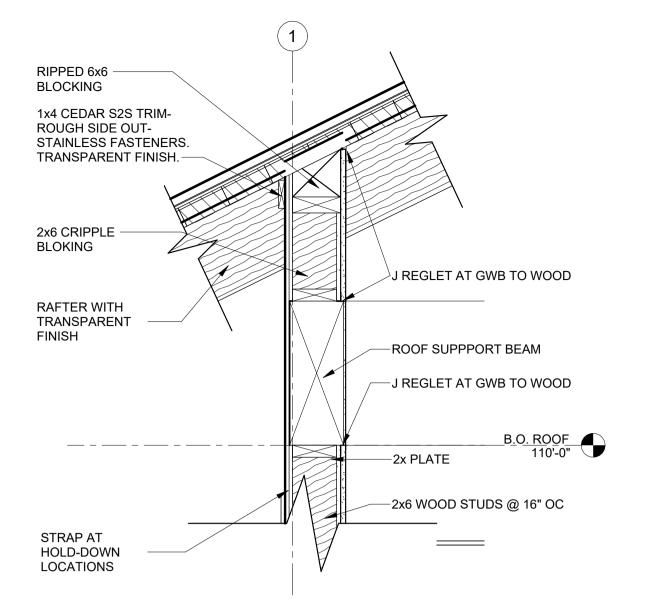
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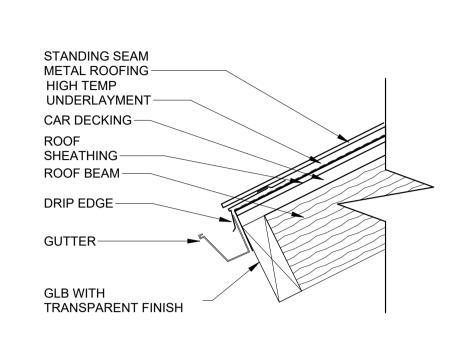
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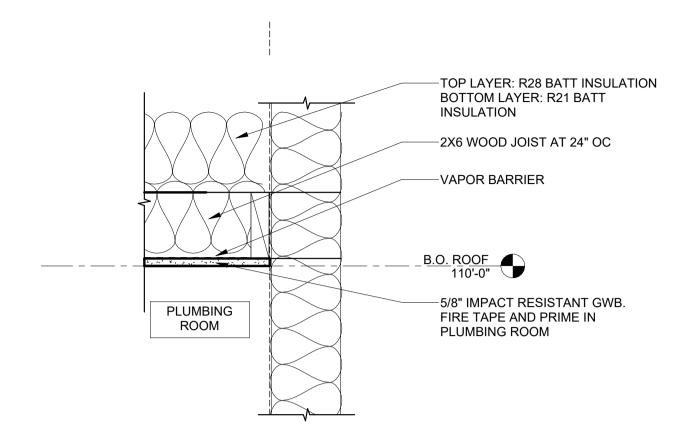
BUILDING SECTION 2

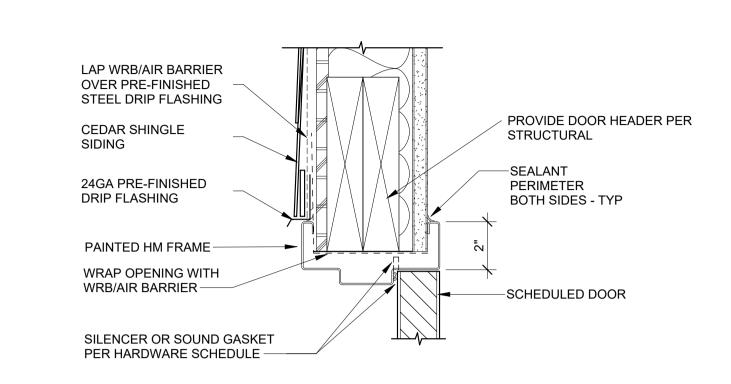
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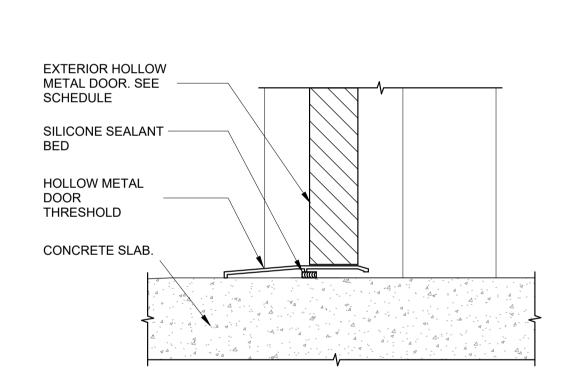


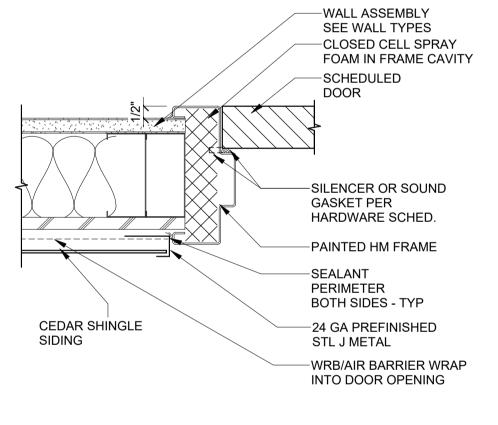


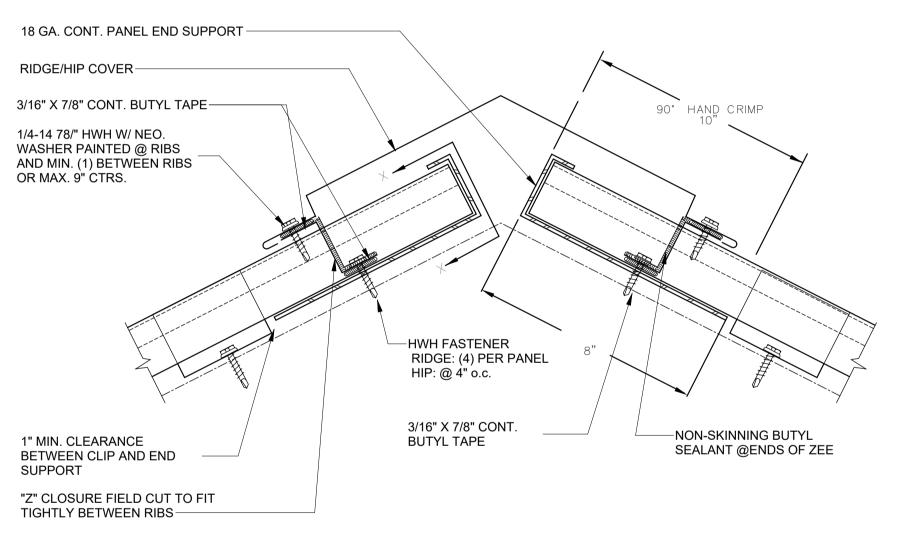


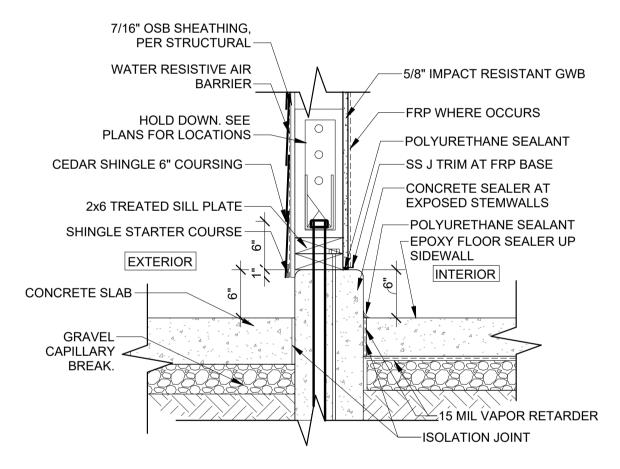










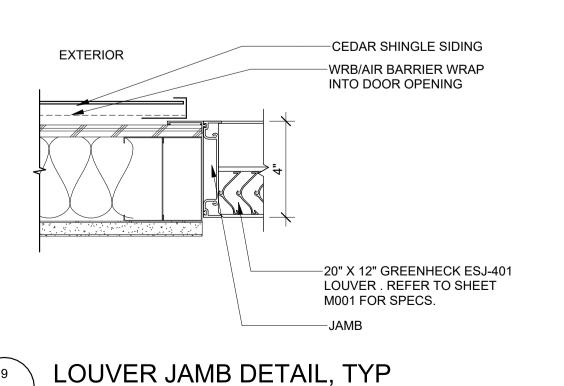


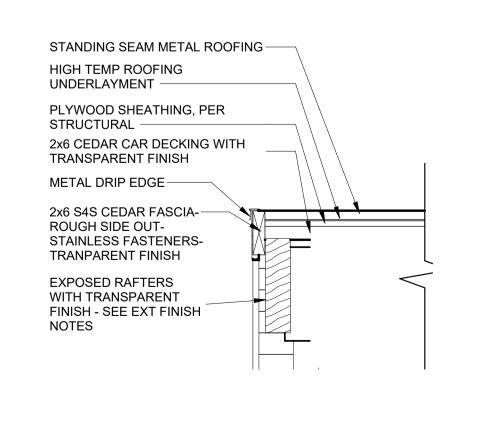


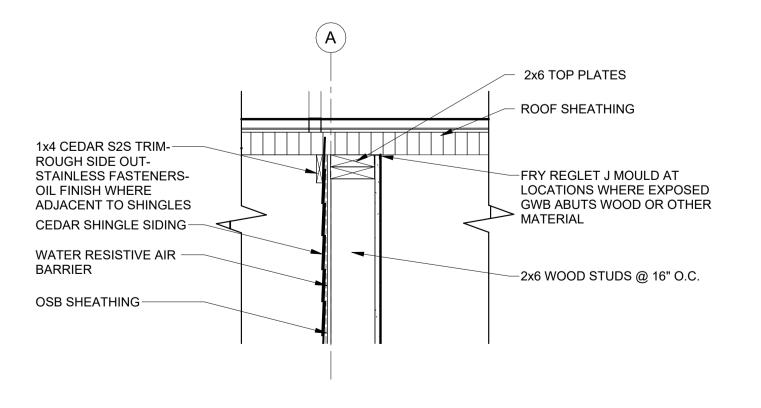


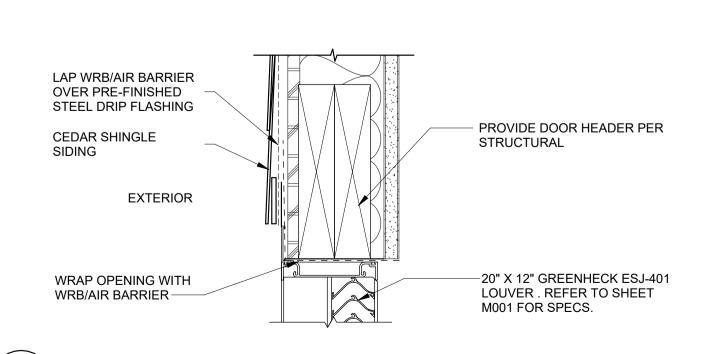


DETAIL @ WALL BASE EXTERIOR







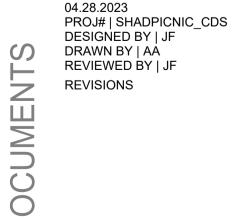






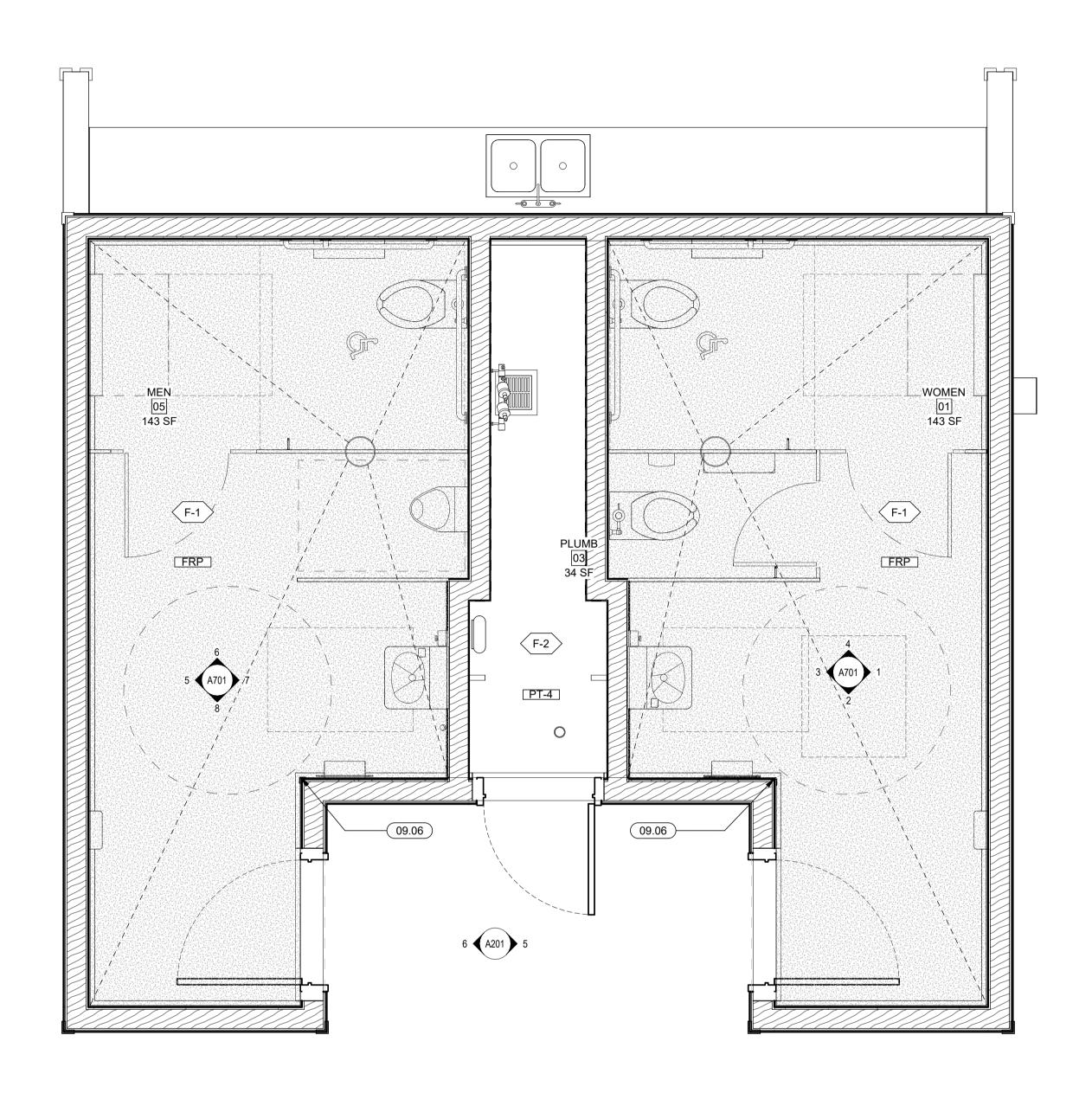






SECTION DETAILS & ROOF DETAILS

、A302 /



1 ENLARGED FINISH PLAN A501 1/2" = 1'-0"

ITEM NO	MANUFACTURER	DESCRIPTION	COLOR	LOCATION	NOTES
CEILING					
GWB-1	TBD	GWB – 5/8" IMPACT RESISTANT DRYWALL	PRIME ONLY, CAULK ALL PENETRATIONS.	PLUMBING BAY	
EXP-1	TBD	2X6 T&G CEDAR CAR DECKING	STAINED AND TRANSPARENT FINISH. 2 COATS OIL BASED PRESERVATIVE.	ALL LOCATIONS	
FLOOR					
FL-1	TBD	4" CONCRETE SLAB ON GRADE PER STRUCTURAL - SLOPED TO DRAIN	EPOXY FLOOR COATING. SHEEN:GLOSS.APPLICATION FOR NON SLIP TEXTURE. COLOR: HAZE GRAY.	INTERIOR RR	
HOLLOW	METAL DOOR				
PT-1	DOOR	1 3/4" THICKNESS, 14GA FACE,WITH CHANNELS, INSULATED, FLUSH FACE HOLLOW METAL	FACTORY PRIME WITH FINISH PAINT.SHERWIN WILLIAMS PRO INDUSTRIAL WATER BASED ALKYD URETHANE. SHEEN: SEMI-GLOSS. COLOR: DARK BROWN TBD.	ALL DOORS	
PT-2	FRAME	FULLY WELDED 2" PROFILE.	FACTORY PRIME WITH FINISH PAINT.SHERWIN WILLIAMS PRO INDUSTRIAL WATER BASED ALKYD URETHANE. SHEEN: SEMI-GLOSS. COLOR: DARK BROWN TBD.	ALL FRAMES	14GA GALVANNEALED, WITH LOCK IN STUD ANCHOR
WALL	•				
PT-4	TBD	FINISH LEVEL 4 SMOOTH AT VISUALLY EXPOSED AREAS	SHERWIN WILLIAMS PROMAR 200 ZEROVOC INTERIOR LATEX.	ALL EXPOSED AREAS	PRIME ALL GWB, AND PAINT WITH 2 COATS FLAT WALL PAINT WHERE VISIBLE
FRP	TBD	STANDARD FRP	PEBBLED FINISH, COLOR: WHITE.	INTERIOR RR	SEE KEYNOTE 9.06 FOR FRP TRIM.

FINISH PLAN LEGEND

NAME
101 ROOM NAME AND NUMBER

INTERIOR ELEVATION CA

INTERIOR ELEVATION CALLOUT AND DIRECTION OF ELEVATION VIEW

XX### FINISH TAG

XX### EXTENT OF ACCENT PAINT OR WALL FINISHES

FINISH TAGS DISPLAYED IN GROUPING ON FINISH PLAN REPRESENT MAJORITY ROOM FINISH SELECTIONS. ORDER OF GROUPING DEFINED IN EXAMPLE BELOW:

— MAJORITY WALL FINISH ### — MAJORITY BASE FINISH ### — MAJORITY FLOOR FINISH

INSTALL DIRECTION OF DIRECTIONAL FLOOR FINISH

FLOORING MATERIAL CHANGE, MATERIAL TYPES SHOWN ON EACH SIDE OF TRANSITION

LOCATION AND TYPE OF CORNER GUARDS

EPOXY FLOOR COATING. SHEEN: GLOSS. APPLICATION FOR NON-SLIP TEXTURE. COLOR: HAZE GRAY

GENERAL EXTERIOR FINISH NOTES

- A. FLASHING:24 GA PREFINISHED STEEL FLASHING, PROFILE PER DETAIL. COLOR: AEP WALNUT.
- B. CEDAR SIDEWALL SHINGLE FINSIH WITH TIMBER OIL. BUTT TO 2X2 CEDAR TRIM AT INTERIOR CORNER, BUTT TO CEDAR #1 S2S 1X4 TRIM AT OUTSIDE CORNERS.WOOD TREATMENT BASIS OF DESIGN:CABOT AUSTRALIAN TIMBER OIL # 19400 SERIES, VOC COMPLIANT.
- C. GLULAM BEAMS AND EXPOSED WOOD STRUCTURAL AND FRAMING MEMBERS- BASIS OF DESIGN: MINWAX HELMSMAN SPAR URETHANE 350 VOC COMPLIANT. SHEEN: SATIN.
- D. EXPOSED WOOD FASCIA PRIME AND 2 COATS PAINTED FINISH. COLOR TBD, SHEEN FLAT.
- E. EXTERIOR STEEL STRUCTURAL MEMBERS, BRACKETS, BOLTS, AND NUTS- BASIS OF DESIGN: SHERWIN WILLIAMS PRO INDUSTRIAL WATER-BASED ALKYD URETHANE. SHEEN: SEMI-GLOSS.
- F. EXPOSED CONCRETE STEM WALL- BASIS OF DESIGN: SIKAGARD 740W WATER-REPELLENT PENETRATING SEALER.
- G. EXTERIOR CONCRETE COLUMN BASES- BASIS OF DESIGN: SIKAGARD 740W WATER-REPELLENT PENETRATING SEALER.
- H. CONCRETE SLAB ON GRADE SIKAGARD 740W WATER-REPELLENT PENETRATING SEALER

KEYNOTES

09.06 FRP TRIM – STAINLESS STEEL CAP STRIP / J MOULD, STAINLESS STEEL INSIDE CORNER TRIM, STAINLESS STEEL CORNER GUARDS (F560SS) AT ALL OUTSIDE CORNERS, STAINLESS STEEL DIVIDERS (BETWEEN PANELS)INSTALLED BY GC, TYP.

Cushing Terrell.

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RECISTERED

AFT. HITECT

KARA D EBERLE-LOTT

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DESIGNED BY | JF
DRAWN BY | AA
REVIEWED BY | JF
REVISIONS

DOCUMENT

ENLARGED FINISH PLAN, SCHEDULES & DETAILS

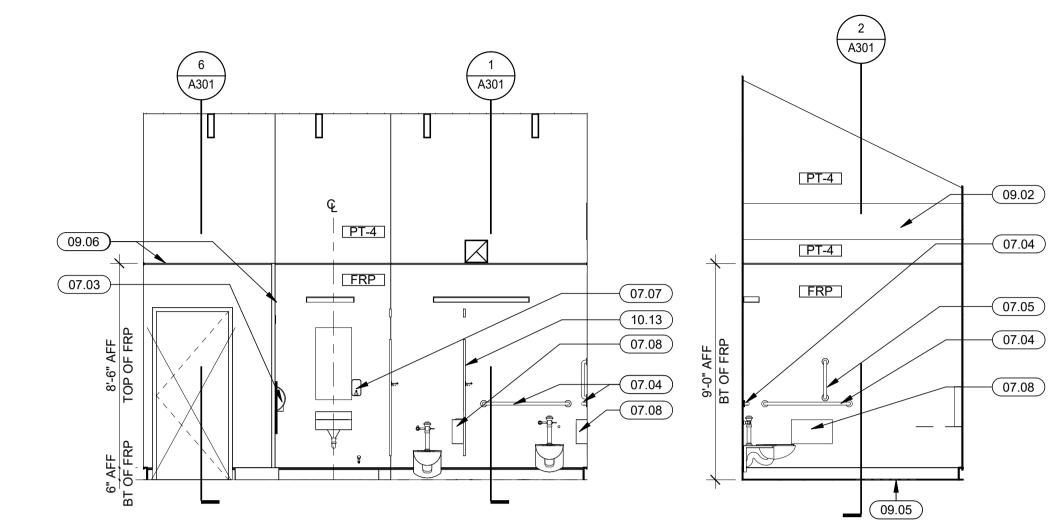
A501



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- MOISTURE RESISTANT. BASIS OF DESIGN-SHEETROCK MOLD-TOUGH VHI FIRE CODE X FINISH LEVEL 4 SMOOTH AT VISUALLY EXPOSED B. FINISH LEVEL 3 BEHIND FRP.
- C. PRIME ALL GWB, AND PAINT WITH 2 COATS OF FLAT WALL PAINT WHERE VISIBLE. BASIS OF DESIGN: SHERWIN WILLIAMS PROMARK 200 ZERO VOC INTERIOR LATEX. D. FRP PANELING- STANDARD FRP-PEBBLED FINISH, COLOR WHITE.
- BASIS OF DESIGN: MARLITE STANDARD FRP-PEBBLED FINSH-4'X8' SHEETS RUN VERTICALLY, FULLY ADHERED, COLOR: P199 BRIGHT E. FRP TRIM: STAINLESS STELL CAP STRIP / J MOULD, STAINLESS STEEL
- INSIDE CORNER TRIM, STAINLESS STEEL CORNER GUARDS (F560SS) AT ALL OUTSIDE CORNERS, STAINLESS STEEL DIVIDERS (BETWEEN
- F. EXPOSED CONCRETE STEM WALL / BASE OF WALL. BASIS OF DESIGN: SIKAGARD 740W WATER-REPELLENT PENETRATING
- G. FLOOR- INTERIOR FLOOR FINISH AT RESTROOMS: EPOXI FLOOR COATING.SHEEN: GLOSS.APPLICATION FOR NON-SLIP TEXTURE: HAZE GRAY. BASIS OF DESIGN: SHERWIN WILLIAMS ARMORSEAL 650

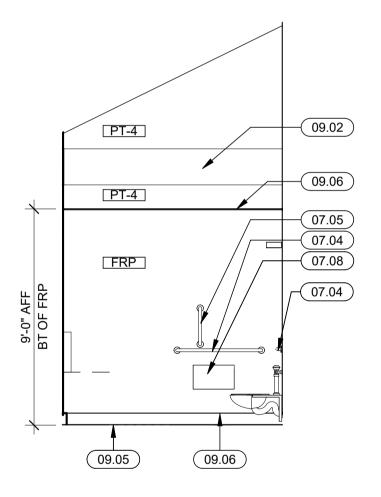


WOMEN RESTROOM-ELEVATION 3



A301 A301 / **-**(09.02) PT-4

WOMEN RESTROOM-ELEVATION 1



(09.06)

WOMEN RESTROOM-ELEVATION 2

A301

PT-4

FRP

09.05

1/4" = 1'-0"

09.06

09.06

\ A701 /

--(07.10)

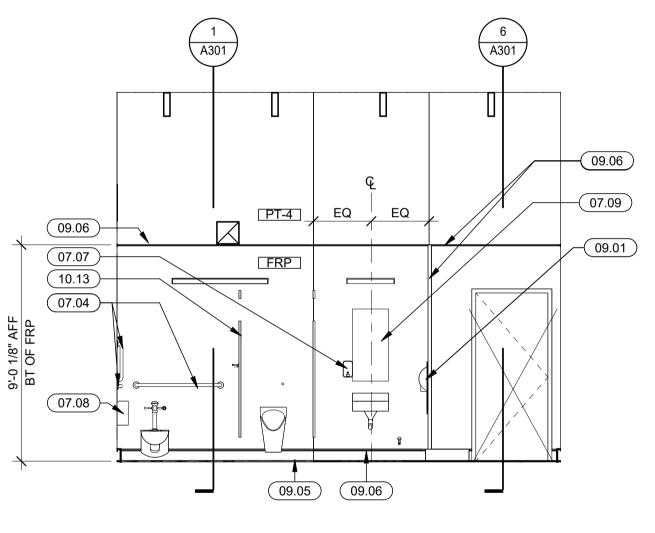
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-(07.01

— (09.06)

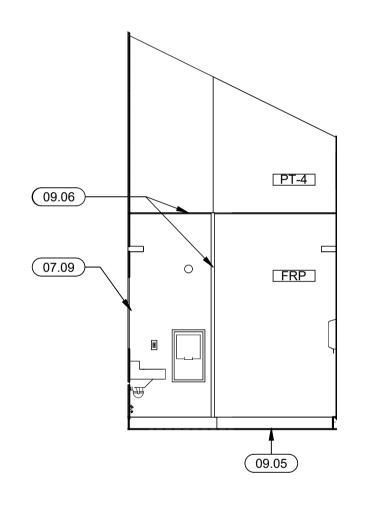
<u> 09.06</u>

07.03



\ A701 /

1/4" = 1'-0"



KEYNOTES

- 07.01 CHANGING STATION.SEE RESTROOM ACCESSORIES CHART.
- 07.03 HAND DRYER.SEE RESTROOM ACCESSORIES CHART.
- 07.04 42" GRAB BAR.SEE RESTROOM ACCESSORIES CHART. 07.05 18" VERTICAL GRAB BAR.SEE RESTROOM ACCESSORIES CHART.
- 07.07 SOAP DISPENSER.SEE RESTROOM ACCESSORIES CHART. 07.08 TOILET PAPER DISPENSER.SEE RESTROOM ACCESSORIES CHART.
- 07.09 ADA MIRROR.SEE RESTROOM ACCESSORIES CHART.
- 07.10 PAPER TOWEL DISPENSER.SEE RESTROOM ACCESSORIES
- 09.01 CEDAR SIDEWALL SHINGLE #1 GRADE RED CEDAR 18" NATURAL (NOT GROOVED), 6" REVEAL PATTERN, WITH 2 COATS OIL BASED
- 09.02 GLULAM BEAMS AND EXPOSED WOOD STRUCTURAL AND FRAMING MEMBERS – ARCHITECTURAL GRADE BEAMS WITH 2 COATS SPAR URETHANE ON ALL EXPOSED SURFACES.
- 09.05 EXPOSED CONCRETE STEM WALL- BOTH INTERIOR AND EXTERIOR, SACK AND PATCH, FINISH WITH SPRAY-ON CONCRETE SEALER.
- 09.06 FRP TRIM STAINLESS STEEL CAP STRIP / J MOULD, STAINLESS STEEL INSIDE CORNER TRIM, STAINLESS STEEL CORNER GUARDS (F560SS) AT ALL OUTSIDE CORNERS, STAINLESS STEEL DIVIDERS

(BETWEEN PANELS)INSTALLED BY GC, TYP.

10.13

5	MEN RESTROOM-ELEVATION 1
\ A701 /	1/4" = 1'-0"

09.05

-JOINTS START LOCATION







		RESTR	OOM ACCESSORIES			
Keynote	QTY	DESCRIPTION	MANUFACTURER	MODEL	FINISH	REMARKS
07.01	2	CHANGING STATION	KOALA KARE	KB200	GREY	SURFACE-MO UNTED HORIZONTAL
07.02	1	SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK WASHROOM EQUIPMENT, INC.	B-270	STAINLESS STEEL SATIN	
07.03	3	HAND DRYER W/ RECESS KIT	XLERATOR	XL-SB, 40502	STAINLESS STEEL	RECESSED
07.04	4	42" GRAB BAR	BOBRICK WASHROOM EQUIPMENT, INC.	B-6806x42	STAINLESS STEEL SATIN	
07.05	2	42" GRAB BAR	BOBRICK WASHROOM EQUIPMENT, INC.	B-6806x42	STAINLESS STEEL SATIN	
07.06	3	CLOTHES HOOKS WITH BUMPER	BOBRICK WASHROOM EQUIPMENT, INC.	B-212	STAINLESS STEEL	
07.07	2	SURFACE MOUNTED SOAP DISPENSER	BOBRICK WASHROOM EQUIPMENT, INC.	B-2111		
07.08	3	JUMBO BATH TISSUE DISPENSER DOUBLE ROLL	CASCADES	C380	GREY	
07.09	2	FRAMELESS MIRROR	BOBRICK WASHROOM EQUIPMENT, INC.	B-1556 2436	STAINLESS STEEL	
07.10	2	PAPER TOWEL DISPENSER	U-LINE	H-2275		

M Q X X E	F,	L B A A
FIXTURE	DIM#	MOUNTING HEIGHT
GRAB BAR	Α	6" TO CENTER FROM ADJACENT WALL
TOILET (ADA)	В	18" TO CENTER FROM ADJACENT WALL
URINAL	С	24" TO RIM ABOVE FINISH FLOOR
URINAL (ADA)	С	17" TO RIM ABOVE FINISH FLOOR
SINK (ADA)	D	34" MAX TO SINK RIM ABOVE FINISH FLOOR
SINK (ADA)	E	9" HIGH X 6" DEEP TOE CLEARANCE
SINK (ADA)	F	27" MIN X 8" DEEP KNEE CLEARANCE
TOILET	G	14" TO TOP OF SEAT
TOILET (ADA)	G	17" - 19" TOP OF SEAT
GRAB BAR (ADA)	Н	12" TO CENTER FROM ADJACENT WALL
TOILET PAPER HOLDER	J	7" - 9" TO CENTERLINE FROM TOILET
GRAB BAR	K	33" - 36" TO TOP A.F.F.
GRAB BAR	L	36" OUTSIDE TO OUTSIDE
GRAB BAR	M	42" OUTSIDE TO OUTSIDE
MIRROR	N	40" MAX TO BOT OF MIRROR SURFACE
TOILET PAPER HOLDER	0	19" MIN. TO CENTER ABOVE FINISH FLOOR
TOILET PAPER HOLDER	Р	1 1/2" MIN. FROM BOTTOM OF GRAB BAR
18" VERTICAL GRAB BAR	Q	39" - 41" FROM WALL
18" VERTICAL GRAB BAR	R	39" - 41" FROM FLOOR

PICNIC

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04.28.2023 PROJ# | SHADPICNIC_CDS DESIGNED BY | JF DRAWN BY | AÁ REVIEWED BY | JF REVISIONS **BID DOCUMEN**

INTERIOR ELEVATIONS

A701

09.02

09.06

9'-0" AFF BT OF FRF

\ A701 /

9'-0" AFF. OP OF FF

PT-4

PT-4

FRP

1/4" = 1'-0"

ALL PLUMBING EQUIPMENT SHALL BE IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS AND BE OF SIZE AND TYPE INDICATED. EACH SHALL BE OF MAKE AND MODEL LISTED OR APPROVED EQUAL.

			FIXTURE					TRIM	1	ACCESSORIES				CONNECTIONS			NOTES	DI AN CODE
PLAN CODE	ITEM	MFGR	MODEL	TYPE	MATERIAL	COLOR	ITEM	MFGR	MODEL	ITEM	MFGR	MODEL	COLD	нот	WASTE	VENT	NOTES	PLAN CODE
L-1	LAVATORY	ACORN	1652-BC-04M-TG-LW1-OF	WALL HUNG	STAINLESS STEEL		FAUCET	ACORN		TMV	CASH ACME	HG135	1/2"	1/2"	2"	2"	1	L-1
S-1	SINK	JUST MFG.	DL-ADA-2133-16-GR	DROP-IN	STAINLESS STEEL		FAUCET	CHICAGO	786-305149AB	GRID DRAIN	ELKAY	LKAD	3/4"	3/4"	2"	2"	1,3,6	S-1
WC-1	WATER CLOSET	ACORN	2105-BAR-BCV	WALL MOUNT	STAINLESS STEEL		FLUSH VALVE	SLOAN	ROYAL 9603-1.28-TP	SEAT	ACORN	INTEGRAL	1"	-	3"	2"	1,4,5,7	WC-1
U-1	URINAL	ACORN	1709HEU	WALL MOUNT	STAINLESS STEEL		FLUSH VALVE	SLOAN	ROYAL 995-0.125-2-10-3/4-LDIM				1"	-	2"	2"	1,5,8	U-1
WH-1	WALL HYDRANT	WOODFORD	67	WALL MOUNT	BRASS	CHROME	BACKFLOW PREV.	WOODFORD	INTEGRAL	LOOSE TEE KEY	WOODFORD		3/4"	-	-	-		WH-1
BFP-1	BACKFLOW PREVENTER	WATTS	LF009QT	LEAD FREE BRONZE	LEAD FREE BRONZE		AIR GAP	WATTS	909AGC				1-1/2"	-	-	-	2	BFP-1
FD-1	FLOOR DRAIN	JR SMITH	2005Y-B-P050	FLOOR	CAST IRON		STRAINER	JR SMITH	NICKEL BRONZE				-	-	2"	2"	4	FD-1
FS-1	FLOOR SINK	ZURN	Z-566	FLOOR	CAST IRON								-	-	2"	2"		FS-1
FCO	FLOOR CLEANOUT	JR SMITH	4020S	FLOOR	CAST IRON	POLISHED BRONZE				PLASTIC PLUG			-	-	2"	-		FCO
GCO	GROUND CLEANOUT	JR SMITH	4220S	GRADE	CAST IRON					PLASTIC PLUG			-	-	4"	-		GCO

SCHEDULE NOTES:

1) SEE ARCHITECTURAL SHEETS FOR FIXTURE ELEVATIONS AND FINISHED MOUNTING HEIGHTS.

2) PIPE AIR GAP TO FLOOR SINK.

3) PROVIDE CONTINUOUS WASTE LEFT TO RIGHT AND INDIRECT DRAIN INTO FLOOR SINK

4) PIPE TRAP PRIMER TUBE FROM FLUSH VALVE TO FLOOR DRAIN.

5) INSTALL FIXTURE WITH RIM AT 17" ABOVE FINISHED FLOOR.

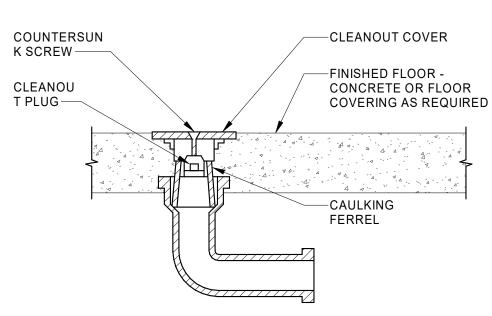
6) ADD THREADLOCK TO FAUCET SPOUT SWIVEL NUT AND VALVE BODY NUTS DURING INSTALL.

7) PROVIDE WATER CLOSET SUPPORT ASSEMBLY RATED FOR BARIATRIC SERVICE, JR SMITH 0211Y OR APPROVED EQUAL.

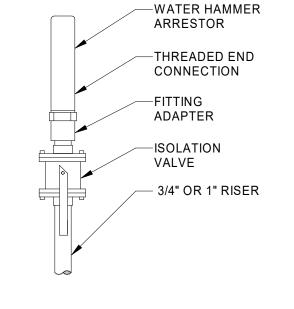
8) INCLUDE URINAL SUPPORT ASSEMBLY, JR SMITH 0600 SERIES OR APPROVED EQUAL.

	ELECTRIC WATER HEATER SCHEDULE													
	REFERENCE	<u> </u>			PERFORMANCE DATA									
PLAN CODE (1)	SERVICE	MANUFACTURER	MODEL	STORAGE	STORAGE FUEL TYPE INPUT ENERGY TEMPERATURE RISE RECOVERY TIME POWER (V / PH / HZ)					REMARKS				
EWH-1	DOM. HOT WATER	EEMAX	EMT1	1.5 GAL	ELEC.	1.4 KW	55 °F	8 MINUTES	120 / 1 / 60	SET TO 110°F				
EWH-2	DOM. HOT WATER	EEMAX	EMT1	1.5 GAL	ELEC.	1.4 KW	55 °F	8 MINUTES	120 / 1 / 60	SET TO 110°F				
EWH-3	DOM. HOT WATER	EEMAX	EMT1	1.5 GAL	ELEC.	1.4 KW	55 °F	8 MINUTES	120 / 1 / 60	SET TO 110°F				
NOTES:														
1) POINT-OF-USE WAT	ER HEATER, INSTALLED IN C	CHASE BEHIND LAVATORY	SINK.											

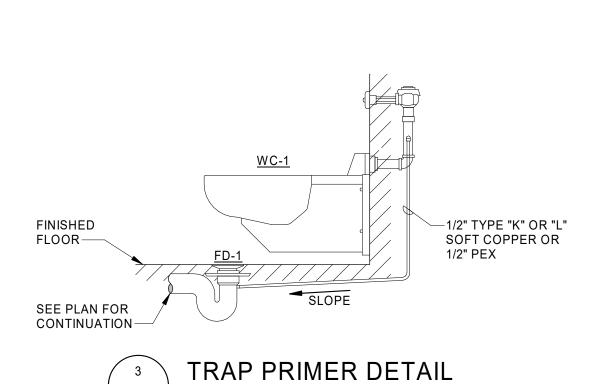
	WATER HAMMER ARRESTOR										
PLAN CODE	MANUFACTURER	MODEL	PDI SYMBOL	PIPE SIZE							
SA-1	SA-1 SIOUX CHIEF 654-C C 1"										

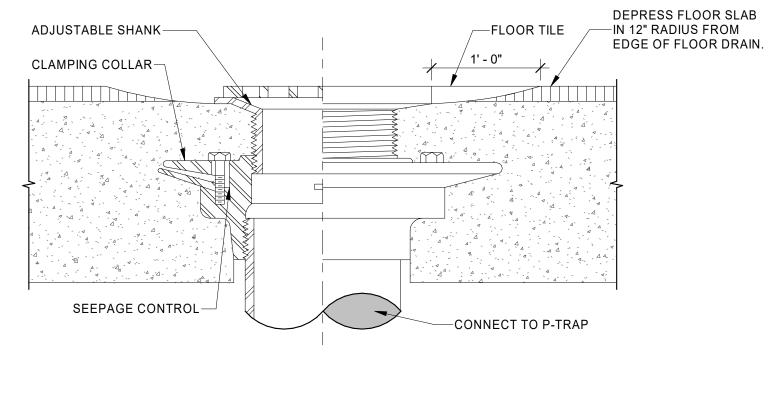














GENERAL PLUMBING NOTES

- A. COORDINATE PLUMBING FIXTURES AND RELATED PIPING WITH ALL OTHER TRADES AS REQUIRED.
- B. REFER TO ARCHITECTURAL FLOOR PLANS FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
- C. LOCATE WATER PIPING IN HEATED AREAS ONLY. DO NOT LOCATE WATER PIPING IN NON-INSULATED ATTIC, CEILING, OR WALL SPACES.
- D. WASTE PIPING SMALLER THAN 4" SHALL BE SLOPED AT 1/4" PER
- E. PIPE SIZES NOT SHOWN ON PLANS, REFER TO PLUMBING FIXTURE SCHEDULE FOR SIZES. 2" MINIMUM SIZE FOR SANITARY DRAIN, WASTE AND VENT SHALL BE RUN UNDERFLOOR.
- F. ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH 2018 WASHINGTON STATE PLUMBING CODE.

PLUMBING LEGEND

SYMBOL	DESCRIPTION
CW	DOMESTIC COLD WATER
HW	DOMESTIC HOT WATER
SS	SANITARY SEWER
V	VENT
CO/WCO	CLEANOUT/ WALL CLEANOUT
FCO ()——	FLOOR CLEANOUT
GCO ()——	GRADE CLEANOUT
	TEE UP
	TEE DOWN
	ELBOW UP
С	ELBOW DOWN
	PIPE CAP
	PIPE DRAIN & CAP
<u>S</u>	SOLENOID VALVE
\	VALVE IN RISER
S=.XXX	OLODE DOWN IN DIDECTION OF FLOW
	SLOPE DOWN IN DIRECTION OF FLOW SHUTOFF VALVE
_	GATE VALVE BALL VALVE
, , ,	
>	STRAINER WATER OUTLIET (TYPE INDICATER)
	WATER OUTLET (TYPE INDICATED)
	BACKFLOW PREVENTER (TYPE INDICATED)

PLUMBING ABBREVIATIONS

ABOVE FINISHED FLOOR BG **BELOW GRADE** CLEANOUT CO CW COLD WATER PIPE DROP TO NEXT LEVEL DN FCO FLOOR CLEANOUT GCO **GRADE CLEANOUT** HW HOT WATER MAX MAXIMUM MINIMUM SS SANITARY SEWER TRAP PRIMER LINE TPL PIPE RISE TO NEXT LEVEL

——⊢ UNION

V VENT
VA VALVE
VTR VENT THRU ROOF

__UNION (TYPICAL)

─STRAINER

WATER ENTRANCE DETAIL

NOT TO SCALE





04.17.2023 PROJ# | SHADPICNIC_CDS DESIGNED BY | WILSON DRAWN BY | WILSON

REVISIONS

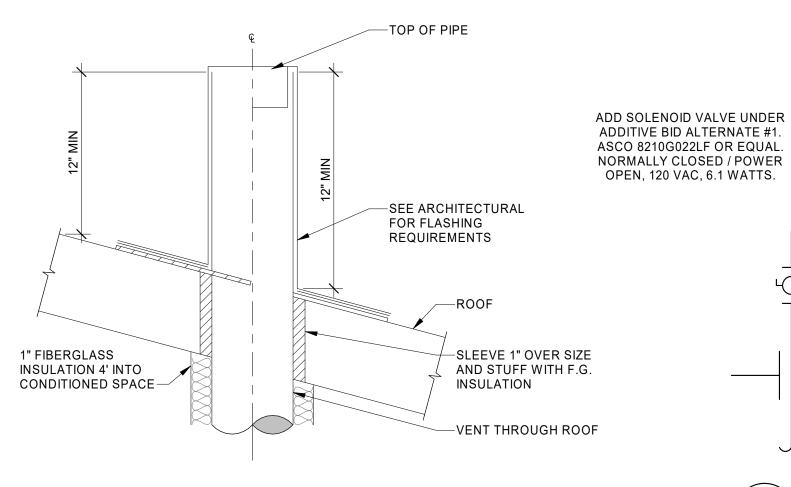
PLUMBING SCHEDULES, DETAILS, AND LEGENDS

P001

1-1/2"

VALVE

FLOOR





NOT TO SCALE

ADDOCK PARK PICNIC SHE

REGULATORY REQUIREMENTS, GENERAL

- A. CONSTRUCT THE BUILDING SYSTEMS IN FULL COMPLIANCE WITH ALL APPLICABLE LOCAL BUILDING CODES, LATEST EDITION. COMPLY WITH THE FOLLOWING AS MODIFIED BY THE LOCAL JURISDICTION: 2018 UPC OR CODES ENFORCED BY LOCAL AUTHORITY HAVING JURISDICTION.
- B. IN ADDITION, COMPLY WITH THE FOLLOWING: THE LATEST VERSION OF THE AMERICANS WITH DISABILITIES ACT GUIDELINES AND THE UNIFORM FEDERAL ACCESSIBILITY STANDARD, WHICHEVER IS MORE STRINGENT. ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS. OBTAIN REQUIRED PERMITS, PLAN REVIEW AND INSPECTIONS FROM AUTHORITIES HAVING JURISDICTION

BASIC MECHANICAL REQUIREMENTS

- A. SCOPE: THE CONTRACTOR SHALL, INSTALL AND COORDINATE ALL PLUMBING WORK TO PROVIDE COMPLETE AND OPERATIONAL PLUMBING INSTALLATIONS.
- B. SUPPLY AND INSTALL COMPLETE PLUMBING SYSTEMS THROUGHOUT TO COMPLETE PROJECT FOR PLUMBING SYSTEMS DESCRIBED HEREIN AND INDICATED ON DRAWINGS. DRAWINGS ARE IN-PART DIAGRAMMATIC.
- C. PROVIDE SHOP DRAWINGS FOR ALL PIPING, FIXTURES, AND EQUIPMENT PRIOR TO ORDERING. CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING WORK FOR A TWO WEEK SHOP DRAWING REVIEW PERIOD.
- D. CONTRACTOR SHALL GUARANTEE THAT ALL MATERIAL FURNISHED BE ACCEPTABLE IN EVERY RESPECT AND, IF NOT FOUND ACCEPTABLE, SHALL REPLACE THE SAME IMMEDIATELY. ALL WORK AND MATERIAL SHALL BE GUARANTEED FOR ONE (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
- E. CONTRACTOR SHALL MAINTAIN A SET OF RED-LINED AS-BUILT DRAWINGS DURING CONSTRUCTION AND SUBMIT TO OWNER AT PROJECT COMPLETION.
- F. CONTRACTOR SHALL PROVIDE TWO COPIES OF OPERATION AND MAINTENANCE MANUALS TO OWNER AT COMPLETION OF PROJECT. O&M MANUALS SHALL CONTAIN ALL APPROVED EQUIPMENT SUBMITTAL SHEETS; WIRING DIAGRAMS; FACTORY PUBLISHED INSTALLATION, OPERATION, AND MAITENANCE INSTRUCTIONS; AND PARTS LIST.
- G. AT PROJECT COMPLETION. THE CONTRACTOR SHALL PROVIDE TRAINING TO THE OWNER THAT DESCRIBES THE CORRECT OPERATION AND MAINTENANCE OF ALL EQUIPMENT FIXTURES AND EQUIPMENT USING THE O&M MANUAL
- H. PLUMBING PERFORMANCE REQUIREMENTS: PROVIDE COMPONENTS AND INSTALLATION CAPABLE OF PRODUCING PIPING SYSTEMS WITH THE FOLLOWING:
- a. MINIMUM WORKING PRESSURE RATINGS, UNLESS OTHERWISE INDICATED: DOMESTIC WATER PIPING: 125 PSIG b. SANITARY WASTE AND VENT PIPING: 10 FT. HEAD OF WATER.
- I. PLUMBING DESIGN REQUIREMENTS: COMPLY WITH THE REQUIREMENTS OF THE CITY OF NAPAVINE AND AUTHORITIES HAVING JURISDICTION.

INSULATION

(VALUES BASED ON IECC)

- A. ALL FIBERGLASS INSULATION TO INCLUDE WHITE ALL SERVICE JACKET AND PVC FITTING COVERS
- B. DOMESTIC COLD WATER, ABOVE GRADE: 1" PRE-FORMED FIBERGLASS.
- C. DOMESTIC HOT WATER AND RECIRCULATING WATER
- a. WATER TEMPERATURES 140°F AND BELOW:
- PIPE SIZES 1" AND SMALLER: 1" PRE-FORMED FIBERGLASS.

PLUMBING PIPING

MATERIALS

- A. DRAIN, WASTE, AND VENT: a. ABOVE GRADE:
- CAST IRON PIPE, CISPI 301, HUBLESS, WITH CAST IRON FITTINGS AND HEAVY DUTY CISPI 310 JOINTS WITH NEOPRENE GASKETS AND
- STAINLESS STEEL CLAMP-AND-SHIELD ASSEMBLIES.
- B. DOMESTIC WATER PIPING, ABOVE GRADE:
- a. TYPE L COPPER TUBE, ASTM B88 WITH ONE OF THE FOLLOWING FITTINGS: ASME B16.18 CAST COPPER ALLOY OR ASME B16.22 WROUGHT COPPER AND BRONZE FITTINGS, SOLDERED JOINTS.
- MECHANICAL PRESS-SEAL FITTINGS. DOUBLE-PRESSED TYPE, NSF 61 AND NSF 372 APPROVED OR CERTIFIED, UTILIZING EPDM, NON-TOXIC, SYNTHETIC RUBBER SEALING ELEMENTS.

PVC PIPE, ASTM D2729 OR ASTM D2665, WITH PVC FITTINGS AND ASTM D2564 SOLVENT WELDED JOINTS. INCLUDE PRIMER ACCORDING TO

- PEX PIPE, ASTM F876 OR ASTM F877, SIZED BASED ON PPI TR-4 PRESSURE DESIGN. PROVIDE INFORMATION ON PIPING FOR ENGINEER'S APPROVAL THROUGH SHOP DRAWING PROCESS, PROVIDE WITH BRASS AND ENGINEERED POLYMER ASTM F1960 FITTINGS WITH ASTM F1960 COLD-EXPANSION FITTINGS.
- PIPE SIZING BASED ON METAL PIPE. IF CONTRACTOR SELECTS PLASTIC PIPE, THAT CONTRACTOR SHALL INCLUDE RESIZING PIPING ACCORDING TO MANUFACTURER'S INSTRUCTIONS IN THEIR BID AND SEND RESIZED INFORMATION TO ENGINEER FOR REVIEW AND AS BUILT DRAWINGS.

C. VALVES:

a. DOMESTIC WATER: BALL VALVES, 2" AND SMALLER, ASTM B 584, BRONZE BODY AND BONNET, 2-PIECE CONSTRUCTION, CHROME-PLATED BRASS BALL, CONVENTIONAL PORT, BLOWOUT PROOF, BRASS OR BRONZE STEM, TEFLON SEAT AND SEALS, STEM EXTENSION FOR VALVES INSTALLED IN INSULATED PIPING. THREADED ENDS.

HANGERS AND SUPPORTS

- A. DESIGN CHANNEL SUPPORT SYSTEMS FOR PIPING TO SUPPORT MULTIPLE PIPES CAPABLE OF SUPPORTING COMBINED WEIGHT OF SUPPORTED SYSTEMS, SYSTEM COMPONENTS AND SYSTEM FLUIDS.
- B. DESIGN AND OBTAIN APPROVAL FROM AUTHORITIES HAVING JURISDICTION FOR SEISMIC RESTRAINT HANGERS AND SUPPORTS FOR PIPING AND EQUIPMENT.
- C. PIPE HANGER AND SUPPORT INSTALLATION: COMPLY WITH MSS SP-69 AND MSS SP-89. INSTALL HANGERS, SUPPORTS, CLAMPS, AND ATTACHMENTS AS REQUIRED TO PROPERLY SUPPORT PIPING FROM BUILDING STRUCTURE.
- D. PROVIDE COPPER-COATED HANGERS FOR DIRECT CONTACT WITH COPPER TUBING.
- E. PROVIDE POLYISOCYANURATE THERMAL INSULATION SHIELDS AT HANGER LOCATIONS ON ALL INSULATED PIPING.
- F. PROVIDE STRUCTURAL WORK AND EQUIPMENT AS REQUIRED TO CONTROL THERMAL AND SEISMIC MOVEMENT OF PIPING SYSTEMS. VERIFY THAT ALL ANCHORS, GUIDES, AND EXPANSION JOINTS PROVIDED ADEQUATELY PROTECT SYSTEM.

LABELS AND TAGS

- A. PROVIDE PIPE LABELS ON ALL PLUMBING PIPING INSIDE BUILDING. USE PRETENSIONED PIPE LABELS WITH SERVICE AND DIRECTIONAL FLOW ARROWS.
- B. PROVIDE BRASS VALVE TAGS WITH BEAD CHAIN OR S-HOOK SHOWING VALVE SERVICE AND NUMBER. PROVIDE VALVE CHART TO INCLUDE IN O&M MANUALS AND A LAMINATED COPY POSTED IN THE MECHANICAL ROOM.

PLUMBING PIPING CONTINUED

CLEANING AND DISINFECTING FOR POTABLE DOMESTIC WATER PIPING

c. REPEAT PROCEDURES IF BIOLOGICAL EXAMINATION SHOWN CONTAMINATION.

- A. PURGE NEW PIPING BEFORE USING.
- B. USE PURGING AND DISINFECTING PROCEDURES PRESCRIBED BY AUTHORITIES HAVING JURISDICTION. IF METHODS ARE NOT PRESCRIBED, USE PROCEDURES DESCRIBED IN EITHER AWWA C651 OR AWWA C652 OR FOLLOW PROCEDURES DESCRIBED BELOW:
- a. FLUSH PIPING SYSTEM WITH CLEAN, POTABLE WATER UNTIL DIRTY WATER DOES NOT APPEAR AT OUTLETS.
- b. FILL AND ISOLATE SYSTEM ACCORDING TO EITHER OF THE FOLLOWING:
- · PROVIDE NECESSARY CONNECTIONS THROUGHOUT THE PIPING SYSTEM TO INJECT CHLORINE SOLUTION FOR STERILIZATION. STERILIZATION SHALL NOT OCCUR UNTIL ALL PIPING SYSTEMS HAVE BEEN FLUSHED.
- MEASURE INCOMING WATER PH AND ADJUST AS NECESSARY USING AN ALKALI (CAUSTIC SODA OR SODA ASH) OR AN ACID (HYDROCHLORIC ACID) TO MAINTAIN PH IN THE RANGE OF 7.4 TO 7.6.
- INJECT CHLORINE DISINFECTANT (FREE CHLORINE IN LIQUID, POWDER, OR TABLET FORM) INTO THE SYSTEM UNTIL RESIDUAL CHLORINE OF 50 TO 80 mg/L OCCURS IN EACH BRANCH LINE.
- BLEED WATER FROM SYSTEM TO ENSURE CHLORINE DISTRIBUTION IN EACH BRANCH AND OBTAIN TEST SAMPLES FROM 15 PERCENT OF SPRINKLER LOCATIONS
- FOR EACH ZONE. MAINTAIN CHLORINE SOLUTION IN SYSTEM FOR 24 HOURS
- MEASURE CHLORINE CONTENT AT END OF 24 HOUR PERIOD. REDOSE AND BLEED WATER FROM EACH BRANCH IF RESIDUAL CHLORINE CONTENT IS LESS THAN 25 mg/L, OR EQUAL TO THE CHLORINE CONTENTE OF THE INCOMING WATER.
- ONCE SYSTEM RESIDUAL MEETS OR EXCEEDS 25 mg/L AFTER 24 HOURS, FLUSH ALL SYSTEM PIPING UNTIL RESIDUAL CHLORINE LEVEL IS 1 mg/L OR EQUAL TO THE CHLORINE CONTENT OF THE INCOMING WATER.
- TAKE WATER SAMPLES FROM TWO PERCENT OF THE SPRINKLER LOCATIONS FOR EACH ZONE AND AT THE WATER ENTRY POINT. ANALYZE SAMPLES IN ACCORDANCE WITH AWWA C651 AND REPORT RESULTS TO OWNER.
- C. PREPARE AND SUBMIT REPORTS OF PURGING AND DISINFECTING ACTIVITIES. INCLUDE COPIES OF WATER-SAMPLE APPROVALS FROM AUTHORITIES HAVING JURISDICTION
- D. CLEAN INTERIOR OF DOMESTIC WATER PIPING SYSTEM. REMOVE DIRT AND DEBRIS AS WORK PROGRESSES.
- E. CLEAN FIXTURES, FAUCETS AND OTHER FITTINGS WITH MANUFACTURER'S RECOMMENDED CLEANING METHODS AND MATERIALS.

- A. GENERAL: THE PURPOSE OF PIPE TESTING IS TO OBTAIN EVIDENCE OF SATISFACTORY WORKMANSHIP AND MATERIALS. REMAKE OR REPAIR ALL SYSTEMS WHICH DO NOT PRODUCE SATISFACTORY RESULTS. SHOW A SIGNATURE FROM OWNER, CODE OFFICIAL, OR ENGINEER'S ASSIGNEE THAT EACH TEST WAS WITNESSED.
- B. DOMESTIC WATER: INSTALL ALL PIPING TO THE POINT OF CONNECTION TO MAIN BUT DO NOT MAKE THE TIE-IN. USE THE STANDARD 2-HOUR AIR PRESSURE TST WITH NO LOSS OF AIR PRESSURE. MAKE THE TIE-IN TO EXISTING, PRESSURIZE, AND INSPECT FOR LEAKS. FLUSH NEW PIPING THOROUGHLY, OPERATING ALL VALVES AND FAUCETS DURING FLUSH.
- C. DRAIN, WASTE, VENT, RAINLEADER, AND RAINLEADER OVERFLOW: INSTALL ALL PIPING TO THE POINT OF CONNECTION TO MAIN BUT DO NOT MAKE TIE-IN. USE THE STANDARD AIR PRESSURE TEST AND SOAP ALL JOINTS. INSPECT FOR LEAKS. MAKE THE TIE-IN TO EXISTING AND INSPECT FOR LEAKS, OPERATING ALL FIXTURES DISCHARGING INTO THE PIPING BEING TESTED FOR AT LEAST 5 MINUTES CONTINUOUSLY.
- D. TEST INSTALLED FIXTURES AFTER WATER SYSTEMS ARE PRESSURIZED FOR PROPER OPERATION. REPLACE MALFUNCTIONING FIXTURES AND COMPONENTS, THEN RETEST. REPEAT PROCEDURE UNTIL UNITS OPERATE PROPERLY.

PLUMBING EXECUTION

- A. SLOPE DRAIN AND WASTE PIPING IN DIRECTION OF FLOW UNLESS NOTED OTHERWISE ON PLANS:
- a. PIPE SIZE 3" OR SMALLER: 1/4" PER FOOT b. PIPE SIZE 4" AND GREATER: 1/8" PER FOOT
- B. SLOPE VENT PIPE 1/8" PER FOOT BACK TO FIXTURES.
- C. INSTALL ALL EQUIPMENT, ACCESSORIES AND SPECIALTIES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS AND PROVIDE ACCESS FOR PERIODIC MAINTENANCE, CLEANING AND SERVICING. PROVIDE MANUFACTURER'S RECOMMENDED CLEARANCES.
- D. INSTALL PIPING TO PERMIT VALVE SERVICING.
- E. FOR WALL-HANGING FIXTURES, INSTALL OFF-FLOOR SUPPORTS AFFIXED TO BUILDING SUBSTRATE
- F. INSTALL FIRE RETARDANT WOOD-BACKING REINFORCEMENT FOR WALL MOUNTING AND RECESSED-TYPE PLUMBING SPECIALTIES. FASTEN RECESSED-TYPE PLUMBING SPECIALTIES TO REINFORCEMENT BUILT INTO WALLS.
- G. INSTALL BUILDING ATTACHMENTS WITHIN CONCRETE SLABS OR ATTACHED TO STRUCTURAL STEEL.
- H. INSTALL AND SECURE FIXTURES IN PLACE WITH WALL CARRIERS AND BOLTS. SEAL FIXTURES TO WALL AND FLOOR SURFACES WITH SEALANT, COLOR TO MATCH FIXTURE.
- INSTALL EQUIPMENT AND COMPONENTS LEVEL AND PLUMB. SET SERVICE SINKS IN A LEVELING BED OF CEMENT GROUT
- J. INSULATE AND COVER ALL DRAINAGE AND WATER SUPPLY PIPING LOCATED UNDER LAVATORIES AND SINKS.
- K. EXTEND CLEANOUTS TO FINISHED FLOOR OR WALL SURFACE. INSTALL CHROME PLATED ROUND COVER. DO NOT INSTALL FLOOR CLEANOUTS IN TRAFFIC AREAS OF FINISHED CORRIDORS.
- L. PROVIDE PROTECTIVE COVERING OF INSTALLED FIXTURES. DO NOT ALLOW USE OF FIXTURES FOR TEMPORARY FACILITIES UNLESS APPROVED IN WRITING BY OWNER.
- M. INTERIOR COORDINATION: THE CEILING SPACE SHALL BE LAYERED WITH A HVAC DUCT ZONE IMMEDIATELY BELOW, HVAC AND PLUMBING PIPING IN THE MIDDLE, CABLE TRAYS/CONDUITS ABOVE LIGHTING, AND THE LIGHTING ZONE IMMEDIATELY ABOVE THE CEILING. PROVIDE 6 INCHES MINIMUM CLEAR SPACE TO ALLOW THE RELOCATION OF LIGHT FIXTURES.
- N. INSTALL PIPING IN CONCEALED LOCATIONS, UNLESS OTHERWISE INDICATED AND EXCEPT IN EQUIPMENT ROOMS AND SERVICE AREAS. INSTALL PIPING TO PERMIT REMOVAL OF CEILING PANELS.
- O. INSTALL PIPING INDICATED TO BE EXPOSED AND PIPING IN EQUIPMENT ROOMS AND SERVICE AREAS AT RIGHT ANGLES OR PARALLEL TO BUILDING WALLS. DIAGONAL RUNS ARE PROHIBITED UNLESS SPECIFICALLY INDICATED OTHERWISE.
- P. RUN WATER BEARING PIPE IN HEATED SPACES (EXCLUDING DRAINAGE PIPING WHEN INSTALLED WITH SLOPE).
- Q. MAINTAIN INDICATED FIRE RATING OF WALLS, PARTITIONS, CEILINGS, AND FLOORS AT PIPE PENETRATIONS. SEAL PIPE PENETRATIONS WITH UL LISTED FIRE STOP MATERIALS.
- R. BRANCH SHUT-OFF VALVES SHALL BE PROVIDED FOR ALL DOMESTIC WATER TAKEOFFS.
- S. ASSEMBLE PRESSURE-SEALED JOINTS AND FITTINGS IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS.
- T. ALL SOLDERED JOINTS AND FITTINGS SHALL USE LEAD-FREE SOLDER AND FLUX.
- U. INSTALL PIPING FREE OF SAGS AND BENDS.
- V. INSTALL FITTINGS FOR CHANGES IN DIRECTION AND BRANCH CONNECTIONS
- W. INSTALL PIPING TO ALLOW APPLICATION OF INSULATION.
- X. INSTALL COPPER WATER TUBE ACCORDING TO CDA'S "COPPER TUBE HANDBOOK" LATEST EDITION.
- Y. INSTALL PVC SOIL AND WASTE DRAINAGE VENT PIPING ACCORDING TO ASTM D 2665.
- Z. PROVIDE DIELECTRIC NIPPLES AT CONNECTIONS BETWEEN DISSIMILAR METALS. DIELECTRIC COUPLINGS OR UNIONS ARE NOT ACCEPTABLE.
- AA. INSTALL EACH FIXTURE WITH TRAP, EASILY REMOVABLE FOR SERVICING AND CLEANING. FOR LAVATORIES AND SINKS SUBJECT TO ADA REQUIREMENTS, PROVIDE MANUFACTURED FORMED INSULATING JACKETS FOR ALL EXPOSED WASTES, P-TRAPS, AND WATER SUPPLY RISER FITTINGS AND PIPING.
- BB. PROVIDE STAINLESS STEEL, BRAIDED, FLEXIBLE SUPPLIES TO FIXTURES WITH BALL-TYPE STOPS, REDUCERS, AND CHROME PLATED ESCUTCHEONS.
- CC. WATER CLOSET FLUSH VALVES SHALL OPERATE WITHOUT CHATTER OR HAMMER AT ANY INLET PRESSURE BETWEEN 25 AND 50 PSI.
- DD. INSTALL BACK FLOW PREVENTERS IN EACH WATER SUPPLY TO MECHANICAL EQUIPMENT AND SYSTEMS AND OTHER EQUIPMENT AND WATER SYSTEMS THAT MAY BE SOURCES OF CONTAMINATION. COMPLY WITH AUTHORITIES HAVING JURISDICTION.
- EE. INSTALL CHROME PLATED ESCUTCHEONS AT WALL, FLOOR, AND CEILING PENETRATIONS IN EXPOSED FINISHED LOCATIONS AND WITHIN CABINETS AND MILLWORK.
- FF. PIPING ROUTING SHOWN IS EXPANDED FOR CLARITY. EXACT ROUTING MAY VARY TO ACCOMODATE EQUIPMENT AND ACCESSIBILITY REQUIREMENTS.

PLUMBING FIXTURES AND SPECIALTIES

MANUFACTURERS

SEE PLUMBING FIXTURE SCHEDULE ON DRAWINGS. CONTRACTOR CAN SUBMIT REQUEST FOR SUBSTITUTIONS ON THE BELOW MANUFACTURERS.

WATER CLOSET:

- ACORN ENGINEERING COMPANY WHITEHALL MANUFACTURING
- WILLOUGHBY INDUSTRIES

WATER CLOSET SEATS:

ACORN ENGINEERING COMPANY

WHITEHALL MANUFACTURING WILLOUGHBY INDUSTRIES

- ACORN ENGINEERING COMPANY WHITEHALL MANUFACTURING
- WILLOUGHBY INDUSTRIES

FLUSH VALVES:

- AMERICAN STANDARD. GEBERIT MFG. INC.
- SLOAN VALVE CO.

TOTO USA.

LAVATORIES:

ZURN INDUSTRIES, INC.

ACORN ENGINEERING COMPANY WHITEHALL MANUFACTURING

WILLOUGHBY INDUSTRIES

- LAVATORY FAUCETS: ACORN ENGINEERING COMPANY
- WHITHALL MANUFACTURING

WHILLOUGHBY INDUSTRIES

- FIXTURE CARRIERS: • JAY R. SMITH, MFG. CO.
- MIFAB INC. WADE DIVISION, TYLER PIPE.

 JUST MANUFACTURING ELKAY MANUFACTURING COMPANY KOHLER CO.

ZURN INDUSTRIES, INC.

- SINK FAUCETS:
- CHICAGO FAUCETS AMERICAN STANDARD, INC. DELTA COMMERICAL FAUCET DIVISION
- GEBERIT MFG. INC. KOHLER CO.

SLOAN VALVE CO. ZURN INDUSTRIES INC.

MIXING VALVE:

- ACORN ENGINEERING COMPANY. ARMSTRONG INC.
- WATTS. CASH ACME

A.O. SMITH

ELECTRIC WATER HEATER EEMAX

STATE WATER HEATERS

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PLUMBING **SPECIFICATIONS**





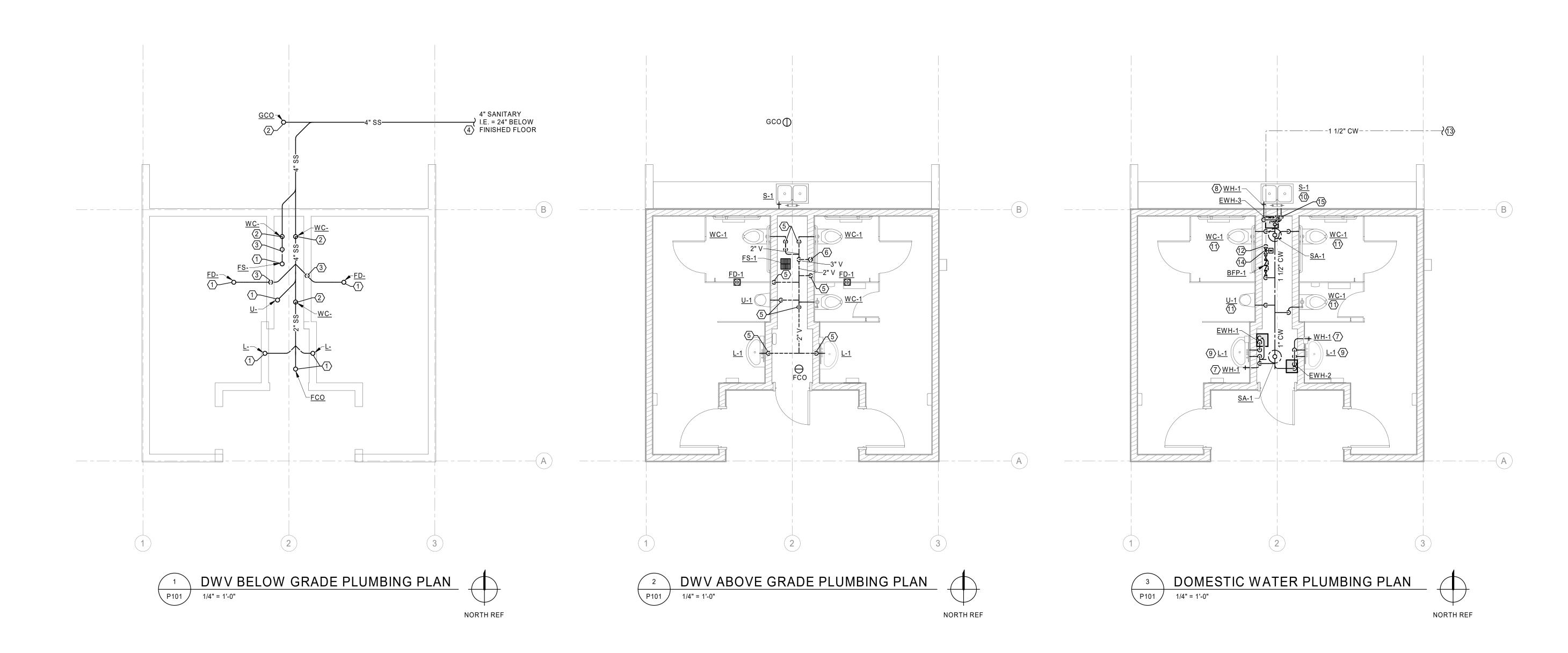
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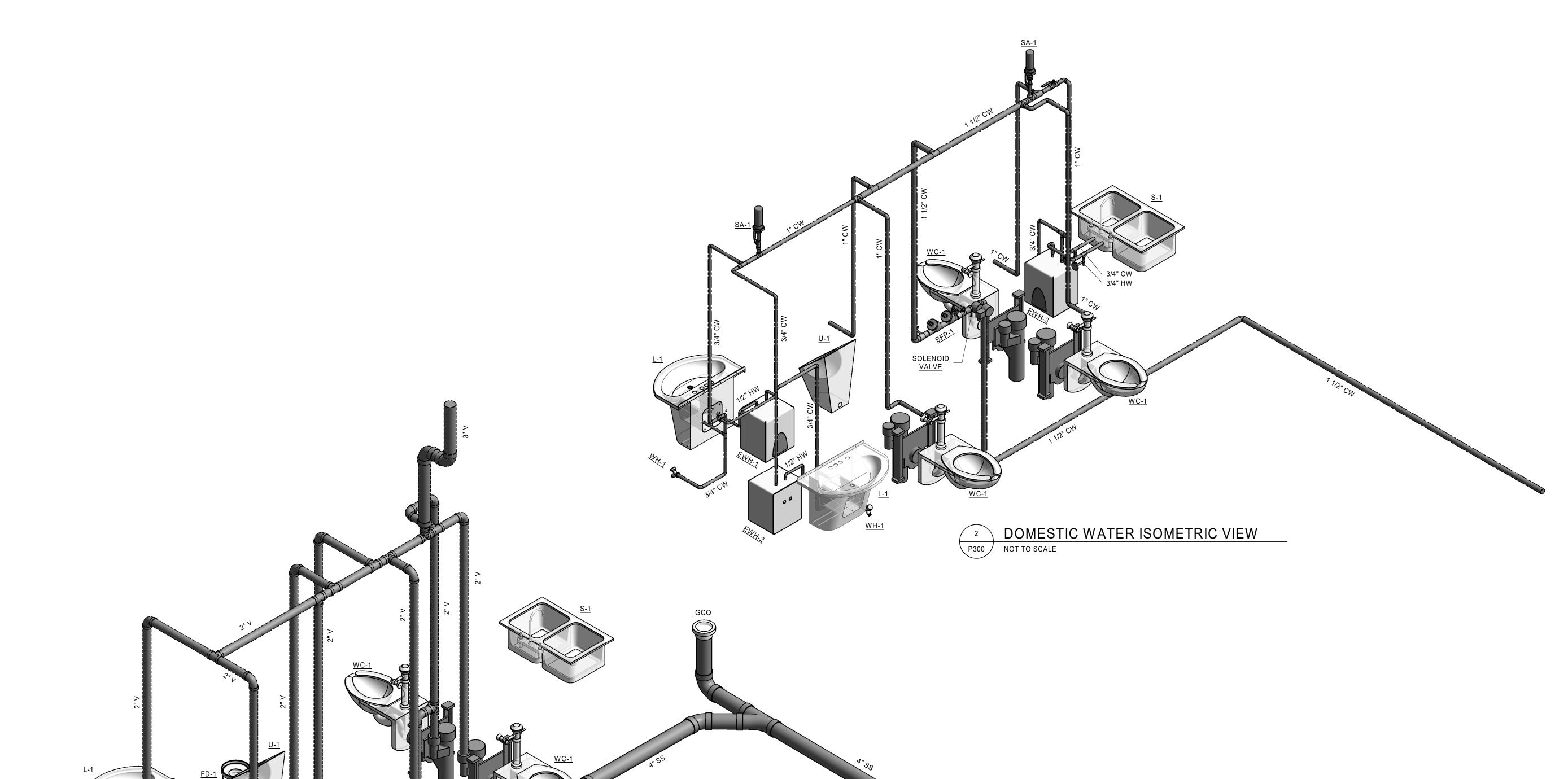
REVISIONS

PLUMBING PLANS



KEYNOTES

- 1. 2" SS UP
- 2. 4" SS UP
- 3. 2" V UP
- 4. COORDINATE WITH CIVIL DRAWINGS FOR CONTINUATION AND CONNECTION SIZE.
- 5. 2" V DOWN
- 6. 3" V UP TO 3" VTR
- 7. 3/4" CW TO WH-1. INSTALL WALL HYDRANT AT 10" ABOVE FINISHED FLOOR.
- 8. 3/4" CW TO WH-1. INSTALL WALL HYDRANT AT 1'-6" ABOVE FINISHED GRADE. COORDINATE INSTALLATION IN EXTERIOR WALL WITH ARCHITECTURE.
- 9. 1/2" HW AND 1/2" CW TO L-1.
- 10. 3/4" HW AND 3/4" CW TO S-1.
- 11. 1" CW TO FLUSH VALVE.
- 12. SEE DETAIL 6/P001 FOR WATER ENTRANCE INSTALLATION.
- 13. COORDINATE WITH CIVIL DRAWINGS FOR CONTINUATION, BURY DEPTH AND CONNECTION SIZE.
- 14. SOLENOID VALVE TO BE BID AS AN ADDITIVE BID UNDER ALTERNATE #1. SOLENOID VALVE SHALL OPERATE ON THE SAME SCHEDULE AS THE DOOR LOCKS. WHEN THE BUILDING IS OPEN TO THE PUBLIC, THE VALVE SHALL BE OPEN. WHEN THE BUILDING IS CLOSED, THE VALVE SHALL BE CLOSED.
- 15. PROVIDE 1/2" DRAIN COCK AT BOTTOM OF HOT/COLD RUNOUTS FOR WINTERIZATION OF EXTERIOR SINK, SEE ISOMETRIC VIEW 2/P300.



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PLUMBING ISOMETRIC VIEWS

P300

DWV ISOMETRIC VIEW

NOT TO SCALE

BASIC MECHANICAL MATERIALS AND METHODS:

- Scope of Work: The work included consists of furnishing all materials, equipment, and labor for the installation of all HVAC equipment, ductwork, and grilles. Including all connections as specified herein for a complete operational system.
- Submittals: Provide relevant product data, details of construction, performance data, electrical data and shipping weights on the following equipment:
 - Exhaust Fans
 - 3. Duct Accessories Grilles
 - Louvers
 - 7. Electric Heaters
- Equipment Selection: Equipment of greater or larger power, dimensions, capacities, and ratings may be furnished provided such proposed equipment is approved in writing and connecting mechanical and electrical services, circuit breakers, conduit, motors, bases, and equipment spaces are increased. No additional costs will be approved for these increases, if larger equipment is approved.
- Substitutions: Manufacturer's and model numbers listed in the equipment schedules serve as a minimum standard for quality. Alternatives may be accepted if approved in writing be the Engineer.
- Interferences: Project design took into account potential interferences between trades (e.g. mechanical ductwork with piping or with electrical light fixtures), however, not every interference has been identified herein. It shall be the responsibility of the Contractor fo field verify all mechanical piping and duct routing. Make necessary offsets within reason as required to meet the design intent, without additional cost.
- Work on this project shall consist of all material, equipment and labor furnished together along with all incidental items required to provide complete and functional mechanical systems at no extra cost to the owner.
- All mechanical work shall conform to all local, City, State and National Codes and Regulations.
- Install equipment and ductwork to allow for maximum possible head room where mounting heights are not indicated.
- Install mechanical equipment to facilitate servicing, maintenance and repair or replacement of equipment components. Connect equipment for ease of disconnecting with minimum interferences with other installations.

DIFFUSERS, REGISTERS, AND GRILLES:

- Product Options: Drawings and schedules indicate specific requirements of diffusers, registers, and grilles and are based on the specific requirments of the systems indicated. Other manufacturers' products with equal performance characteristics may be considered.
- Manufacturers: Subject to compliance with requirements, provide products by one of the following: Price, Nailor, Krueger, Titus.
- Wall-Mounted Outlets and Inlets: Drawings indicate general arrangement of ducts, fittings, and accessories. Air outlet and inlet locations have been indicated to achieve design requirements for air volume, noise criteria, airflow pattern, throw, and pressure drop. Make final locations where indicated, as much as practicable. Where architectural features or other items conflict with installation, notify Architect for a determination of final location.

TESTING AND BALANCING:

- GENERAL
- a. Submittals: After testing and balancing is complete submit a report bearing the signature of the test and balance engineer or technician. The reports shall be certified proof that the systems have been tested, adjusted and balanced in accordance with NEBB and ASHRAE standards. Submit two copies of the report to the engineer for approval.
- b. Report Contenct: Provide test and balancing agency, contractor, owner and contractor addresses. Include listing of instrumentation used for procedures along with proof of calibration. The remainder of the report shall contain the appropriate forms containing as a minimum the information indicated on the standard report forms prepared by the NEBB, for each respective system.
- Procedure: Balance all air systems to the air flow values indicated on the plans using procedures recommended by ASHRAE and NEBB.
- d. Test and Balance Schedule:
- Air Balancing: All exhaust grilles

ELECTRIC HEATER:

- A. Fan: Down blow fan type
- Housing: Surface or recess mounted, steel with baked enamel finish and anodized aluminum trim. 16 gauge throughout with vinyl gasket air seal and tamperproof frame or locking control door cover.
- Heating Element: Cast aluminum grid heating element or metal sheathed in tubular metal jacket cast into aluminum molded fins.
- Motor Enclosure Type: Totally enclosed self lubricating motor.
- Accessories: Built-in thermostat thermal limit switch, circuit breaker and fan delay switch.
- Acceptable Manufacturers: Markel or Berko, Q-Mark, Modine, TPI Corporation

METAL DUCTS:

SHEET METAL MATERIALS

A. Galvanized, Sheet Steel: Lock-forming quality; ASTM A 653/A 653M, G90 (Z275) coating designation; mill-phosphatized finish for surfaces of ducts exposed to view. Reinforcement Shapes and Plates: Galvanized steel reinforcement where installed on galvanized, sheet metal ducts; compatible materials for aluminum and stainless-steel ducts. Tie Rods: Galvanized steel, 1/4-inch (6-mm) minimum diameter for 36-inch (900-mm) length or less; 3/8-inch (10-mm) minimum diameter for lengths longer than 36 inches (900 mm).

SEALANT MATERIALS

A. Joint and Seam Sealants, General: The term "sealant" is not limited to materials of adhesive or mastic nature but includes tapes and combinations of open-weave fabric strips and mastics. Pressure sensitive duct tape is not acceptable. Tape Sealing System: Woven-fiber tape impregnated with a gypsum mineral compound and a modified acrylic/silicone activator to react exothermically with tape to form a hard, durable, airtight seal. Joint and Seam Sealant: One-part, nonsag, solventrelease-curing, polymerized butyl sealant, formulated with a minimum of 75 percent solids. Flanged Joint Mastics: One-part, acid-curing, silicone, elastomeric joint sealants, complying with ASTM C 920, Type S, Grade NS, Class 25, Use O.

HANGERS AND SUPPORTS

A. Building Attachments: Concrete inserts, powder-actuated fasteners, or structural-steel fasteners appropriate for building materials. Hanger Materials: Galvanized, sheet steel or round, threaded steel rod. Straps and Rod Sizes: Comply with SMACNA's "HVAC Duct Construction Standards--Metal and Flexible" for sheet steel width and thickness and for steel rod diameters. Duct Attachments: Sheet metal screws, blind rivets, or self-tapping metal screws; compatible with duct materials.

RECTANGULAR DUCT FABRICATION

- A. General: Fabricate ducts, elbows, transitions, offsets, branch connections, and other construction with galvanized, sheet steel, according to SMACNA's "HVAC Duct Construction Standards--Metal and Flexible." Comply with requirements for metal thickness, reinforcing types and
- intervals, tie-rod applications, and joint types and intervals. Lengths: Fabricate rectangular ducts in lengths appropriate to reinforcement and rigidity class required for pressure classification.
- Materials: Free from visual imperfections such as pitting, seam marks, roller marks, stains, and discolorations.
- D. Static-Pressure Classifications: Unless otherwise indicated, construct ducts to the following:

1. Exhaust Ducts: 0.5-inch wg, negative pressure.

- Cross Breaking or Cross Beading: Cross break or cross bead duct sides 19 inches (480 mm) and larger and 0.0359 inch (0.9 mm) thick or less, with more than 10 sq. ft. (0.93 sq. m) of unbraced panel area, unless ducts are
- F. Ductmate or W.D.C.I. proprietary duct connection systems will be accepted.

ROUND DUCT FABRICATION

Round Ducts: Fabricate supply ducts of galvanized steel according to SMACNA's "1985 HVAC Duct Construction Standards--Metal and Flexible", Section 3 Round Duct Standards and Table 3-2 for galvanized steel gages. Snaplock construction is acceptable for supply ductwork downstream of VAV boxes only.

ROUND FITTING FABRICATION

Elbows: Fabricate in adjustable construction. Fabricate bend radius of round elbows one times elbow diameter. Unless elbow construction type is indicated, fabricate elbows as follows: Minimum of 26 gauge with sealant applied to all adjustable joints.

ROUND TAKEOFFS FROM RECTANGULAR DUCTS

A. Provide factory fabricated high efficiency fittings with a rectangular opening in the main duct, 45 deg square to round transition and a single blade damper with locking quadrant in the round connection.

DUCT INSTALLATION, GENERAL

- A. Duct System Pressure Class: Construct and install each duct system for the specific duct pressure classification indicated in the equipment schedules. Install ducts with the fewest possible joints. Use fabricated fittings for all changes in directions, changes in size and shape, and connections. Install couplings tight to duct wall surface with projections into duct at connections kept to a minimum Connect round ducts to rectangular ducts with high efficiency 45 deg tap
- fittings. Seal fitting connection to rectangular duct with duct sealer. C. Turning Vanes: Install turning vanes in all square and rectangular elbows of supply return and exhaust air systems unless otherwise indicated.

SEAM AND JOINT SEALING

- General: Seal duct seams and joints according to the duct pressure class indicated and as described in SMACNA's "HVAC Duct Construction Standards--Metal and Flexible." Latest edition.
- B. Pressure Classification Less Than 2-Inch wg: Transverse joints.

HANGING AND SUPPORTING

A. Install rigid round and rectangular metal duct with support systems indicated in SMACNA's "HVAC Duct Construction Standards--Metal and Flexible." Latest Edition.

DUCT ACCESSORIES

MANUAL-VOLUME DAMPERS

- General: Factory fabricated with required hardware and accessories. Stiffen damper blades for stability. Include locking device to hold singleblade dampers in a fixed position without vibration. Close duct penetrations for damper components to seal duct consistent with pressure
- Standard Volume Dampers: Single blade in round and rectangular ducts when dimensions are less than 12 inches (300 mm). Larger sizes use multiple blade. Parallel blade for mixing applications, otherwise opposedblade design, standard leakage rating, and suitable for horizontal or vertical applications. Galvanized steel materials except aluminum materials in aluminum ductwork. Steel Frames: Hat-shaped, galvanized, sheet steel channels, minimum of 0.064 inch (1.62 mm) thick, with mitered and welded corners; frames with flanges where required for attaching to walls; and flangeless frames where required for installing in ducts. Roll-Formed Steel Blades: 0.064-inch- (1.62-mm-) thick, galvanized, sheet steel. Blade Axles: Galvanized steel. Tie Bars and Brackets: Galvanized steel.
- Damper Hardware: Zinc-plated, die-cast core with dial and handle made of 3/32-inch- (2.4-mm-) thick zinc-plated steel, and a 3/4-inch (19-mm) hexagon locking nut. Include center hole to suit damper operating-rod size. Include elevated platform for insulated duct mounting.

TURNING VANES

- A. Fabricate to comply with SMACNA's "HVAC Duct Construction Standards--Metal and Flexible."
- . Manufactured Turning Vanes: Fabricate of 1-1/2-inch- (38-mm-) wide, curved blades set 3/4 inch (19 mm) o.c.; support with bars perpendicular to blades set 2 inches (50 mm) o.c.; and set into side strips suitable for mounting in ducts. Vanes shall be single blade type up to 36 inch (914 mm) long. Above 36 inch (914 mm) use double blade vanes or multiple sections of single blade vanes.

INSTALLATION

- A. Install duct accessories according to applicable details shown in SMACNA's "HVAC Duct Construction Standards--Metal and Flexible" for metal ducts.
- . Install turning vanes in elbows in supply, return, exhaust, outside air, relief air and special system ducts.

EXHAUST FANS:

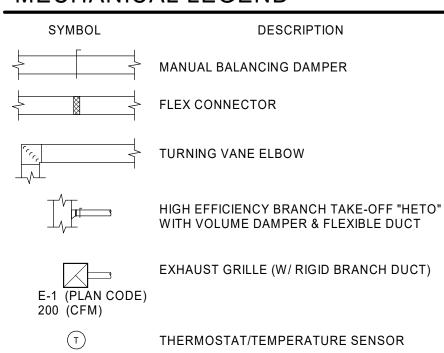
IN-LINE VENTILATORS

- A. Description: Centrifugal fans designed for installing in concealed in-line applications.
- . Housing: Steel, lined with acoustical insulation.
- C. Wheel: Centrifugal wheels directly mounted on motor shaft. Fan shrouds, motor, and fan wheel shall be removable for service.
- D. Grille: Painted aluminum, louvered grille with flange on intake and thumbscrew attachment to fan housing.
- . Electrical Requirements: Junction box for electrical connection on housing and receptacle for motor plug-in.
- . Motor Enclosure Type: Totally enclosed, fan cooled or open dripproof.
- G. Accessories: See schedule. Variable-speed controller solid state control to reduce speed from 100 to less than 50 percent. Isolation - rubber-inshear vibration isolators.
- Acceptable Manufacturers: Loren Cook, Greenheck, Twin City, ACME, Pennbarry

LOUVERS:

- A. General: Extruded Aluminum, stationary, drainable louver type with drain gutters in each blade and head with downspouts in jambs and mullions with all welded construction. Hidden vertical suppors to allow continuous line appearance. Steeply angled integral sill. AMCA Certificed Ratings
- . Frame: Extruded Aluminum, 6-inch deep frame with minimum 0.081 inch wall thickness.
- C. Blades: Extruded Aluminum.
- D. Finish: 2 Coat 50% PVDF paint finish in a factory standard color selected
- . Maximum Pressure Drop: Based on 20"x12" sized louver at 300 cfm not to exceed 0.05 inches w.g.
- Water Penetration: Max of 0.01 ounces per square foot of free area at an airflow of 547 fpm free area velocity when tested for 15 minutes.
- G. Bird Screen: Aluminum 5/8" by 0.040 inch, expanded and flattened with removable frame.

MECHANICAL LEGEND



HVAC ABBREVIATIONS

%	PERCENT
AFF	ABOVE FINISHED FLOOR
APD	AIR PRESSURE DROP
BTU	BRITISH THERMAL UNIT
CFM	CUBIC FEET PER MINUTE
DIA	DIAMETER
F	FAHRENHEIT
FT	FOOT OR FEET
KW	KILOWATT
MIN	MINIMUM
N/A	NOT APPLICABLE
NTS	NOT TO SCALE
T STAT	THERMOSTAT

	EXHAUST FAN SCHEDULE												
PLAN CODE	MANUFACTURER	MODEL	TYPE	DRIVE	CFM	RPM	ESP (" H2O)	MOTOR HP	SONES	POWER (V/PH/HZ)	NOTES		
EF-1	GREENHECK	CSP-A410	CEILING IN-LINE	DIRECT	300	1000	0.35"	118 W	2.7	115/1/60	1, 2, 3,		
NOTES: 1) FAN SELECTI													
2) BACKDRAFT	DAMPER				4) RUB	BER VIB	RATION ISOLATION	ON KIT					

	GRILLES, REGISTERS, & DIFFUSERS SCHEDULE												
PLAN CODE	MFGR	MODEL	NOMINAL FACE SIZE	NECK SIZE	FLEX SIZE	MAX CFM	SP (IN W.C.)	NOISE CRITERIA	MATERIAL	FINISH	STYLE		
E-1	TITUS	SG-1500FL	11" x 11"	9" x 9"	N/A	150	0.04	-	ALUMINUM	WHITE	SURFACE		

					LOU	VER SCH	EDI	JLE				
PLAN CODE	MFGR	MODEL	SERVICE	FRAME TYPE	SIZE (W"xH")	FREE AREA (SF)	CFM	VELOCITY (FPM)	PRESSURE DROP (IN WG)	MATERIAL	DEPTH	NOTES
L-1	GREENHECK	ESJ-401	EXHAUST	FLANGE	20" x 12"	0.5	300	547	0.05	ALUMINUM	4"	1, 2
NOTES:			1	1								
1.) SEE ARCH	HITECTURE FOR	R FINISH A	AND COLOR	. .								
2.) PROVIDE	WITH BIRD SCF	REEN.										

		ELEC	TRIC HEATER SCHE	DULE				
PLAN CODE	MANUFACTURER	MODEL	TYPE / ARRANGEMENT	POWER	KW	MCA	WEIGHT (LBS)	NOTES
UH-1	QMARK	CWH3404F	WALL HEATER	208/1/60	3	14.5	25	1,2
NOTES:					•			
1) NON-FUSED DISC	ONNECT SWITCH.							
2) BUILT IN THERMO	STAT							

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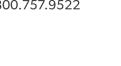
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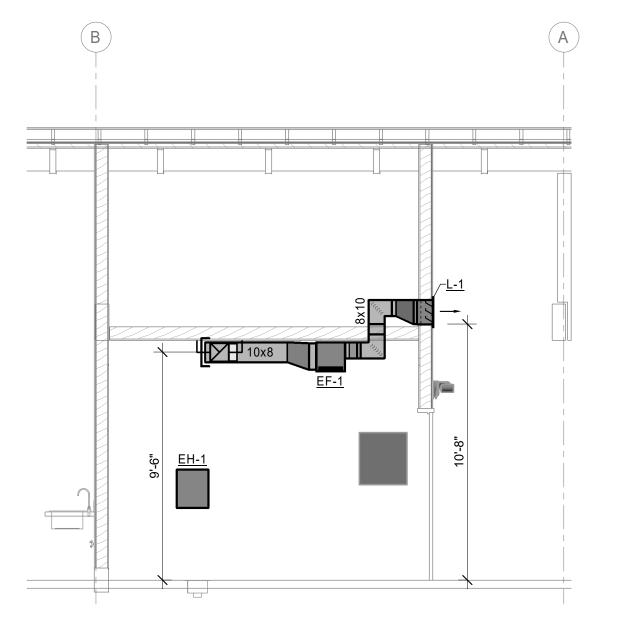
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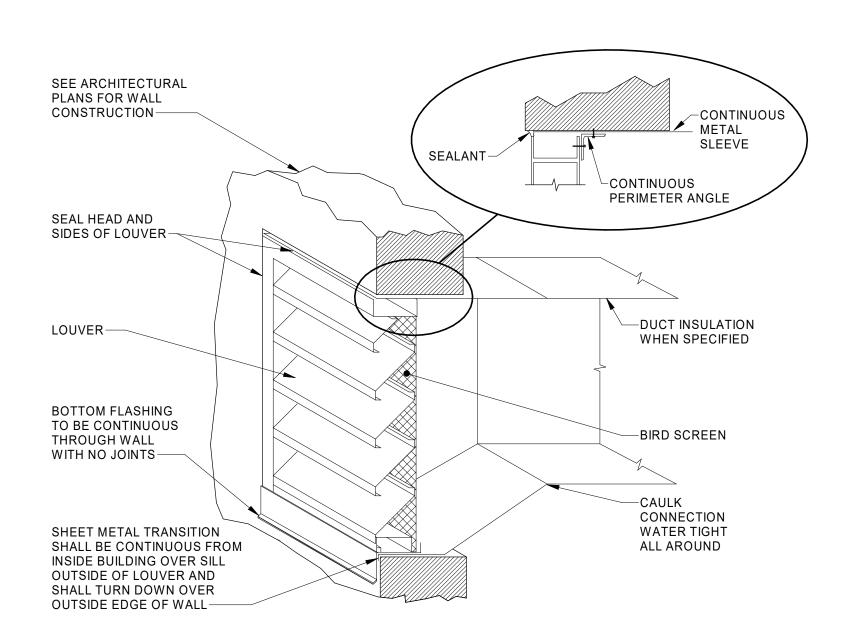
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MECHANICAL SCHEDULES, LEGENDS, AND SPECIFICATION.

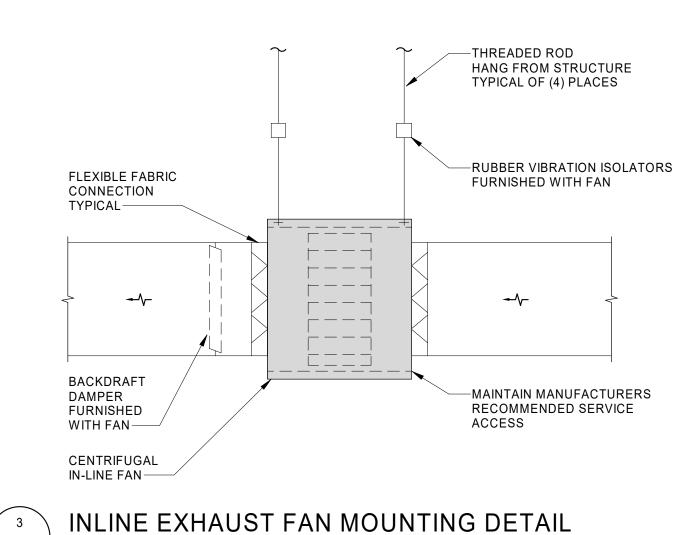












MECHANICAL PLANS

NORTH REF

KEYNOTES

1. INSTALL INLINE EXHAUST FAN PER DETAIL 3/M101.

INSTALL EXHAUST AIR LOUVER PER DETAIL 4/M101. ENSURE LOUVER IS LOCATED AT LEAST 3'-0" FROM ANY DOOR TO THE FACILITY.

MECHANICAL PLANS

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M101

\ M101 /

NOT TO SCALE

FINISHED CEILING

CONSTRUCTION.

FINISHED FLOOR

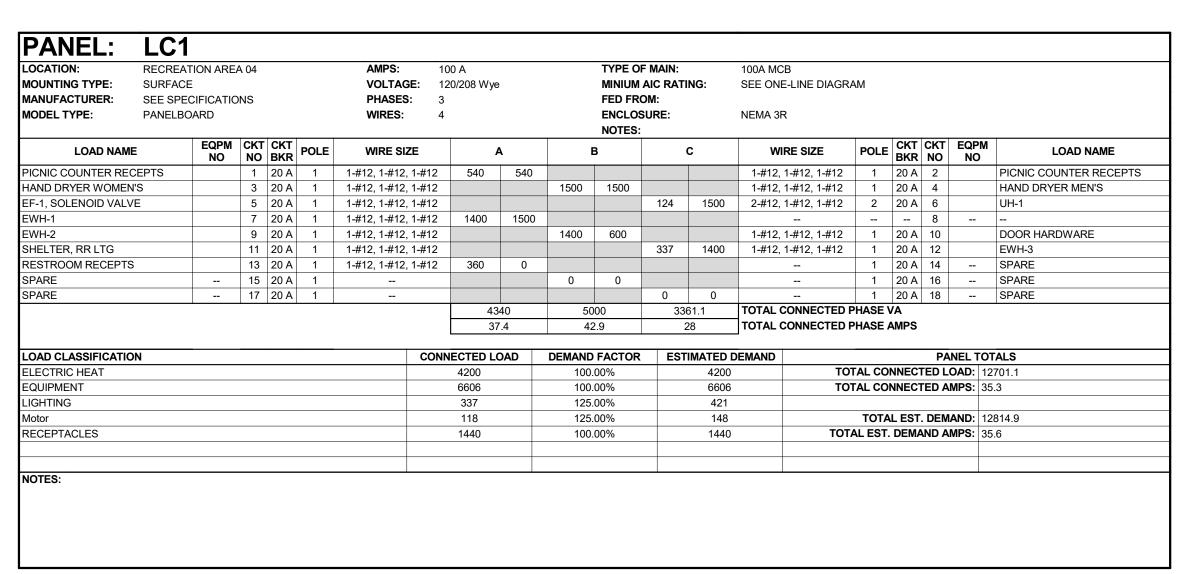
ELECTRICAL LEGEND

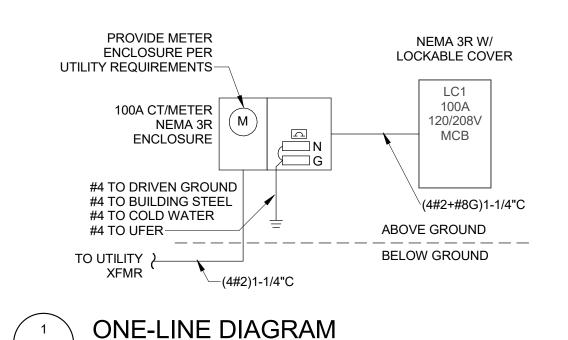
BOD **♦ ₽** AC = ABOVE COUNTER, MINIMUM 4" ABOVE BACKSPLASH TO BOTTOM OF DEVICE. 48" TOD IS ACCEPTABLE FOR CMU BLOCK

LIGHTING SYMBOL DESCRIPTION LAY-IN OR RECESSED FIXTURE, SIZE ON PLANS WALL MOUNTED FIXTURE, SIZE ON PLANS SURFACE MOUNTED FIXTURE, SIZE ON PLANS -PENDANT OR SURFACE MOUNTED FIXTURE, SIZE ON PLANS PENDANT MOUNTED FIXTURE, SIZE ON PLANS SHADED FIXTURE INDICATES FIXTURE IS UNSWITCHED AND ALSO INDICATES EMERGENCY POWER. RECESSED DOWNLIGHT FIXTURE SURFACE MOUNTED FIXTURE Ю WALL MOUNTED FIXTURE WALL WASH OR DIRECTIONAL FIXTURE **Q** WALL SCONCE FIXTURE TRACK FIXTURE, SEE PLAN FOR SIZE AND HEADS CEILING FAN FIXTURE CEILING MOUNTED, WALL MOUNTED EXIT LIGHT (W/ DIRECTIONAL ARROWS) 1 HEAD REMOTE EMERGENCY LIGHT 2 HEAD EMERGENCY LIGHT BATTERY PACK 1 HEAD REMOTE EMERGENCY LIGHT BATTERY PACK 2 HEAD LIGHT WITH MOTION SENSOR SQUARE POLE MOUNTED FIXTURE, EXTERIOR ROUND POLE MOUNTED FIXTURE, EXTERIOR POST TOP FIXTURE, EXTERIOR **BOLLARD FIXTURE, EXTERIOR** DIRECTIONAL INGROUND FIXTURE, EXTERIOR

ABB BN1

BBREVIATIONS AND MISCELLANEOUS		DEVICES AND POWER			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION		
SYMBOL AC ATS AFG AFF BLG BOD C CAS CCTV CLG COD CU	DESCRIPTION ABOVE COUNTER, 4" BACK SPLASH AUTOMATIC TRANSFER SWITCH ABOVE FINISHED GRADE ABOVE FINISHED FLOOR BELOW GRADE BOTTOM OF DEVICE CONDUIT CARD ACCESS SYSTEM CLOSED CIRCUIT TV CEILING CENTER OF DEVICE COPPER	SYMBOL \$	DESCRIPTION SWITCH - SPST 2 SINGLE POLE, DOUBLE THROW 3 THREEWAY 4 FOURWAY K KEY OPERATED P PILOT LIGHT WP WEATHERPROOF OS OCCUPANCY SENSOR D DIMMER MC SPOT-MOMENTARY CONTACT LV LOW VOLTAGE T TIMER SWITCH TS TEST SWITCH OCCUPANCY SENSOR (CEILING) - SUBSCRIPT IS TYPE		
DVR	DIGITAL VIDEO RECORDER	•	·		
(E)	EXISTING	$\overline{}$	RECEPTACLE - SIMPLEX		
EC EF GC	ELECTRICAL CONTRACTOR EXHAUST FAN GENERAL CONTRACTOR GROUND	⊕ _{CLG} ⊕ _{CLG}	RECEPTACLE - DUPLEX, MOUNTING IN CEILING GFI RECEPTACLE - DUPLEX, MOUNTING IN CEILING		
GND LSI	FIELD ADJUSTABLE LONG TIME, SHORT TIME AND INSTANTANEOUS		RECEPTACLE - DUPLEX GFI RECEPTACLE - DUPLEX (GROUND FAULT INTERRUPT)		
LSIG MC (N) NL PTZ QTY (R) SF TBB TC TMGB TTB TYP UG	FIELD ADJUSTABLE LONG TIME, SHORT TIME, INSTANTANEOUS AND GROUND FAULT MECHANICAL CONTRACTOR NEW NIGHT LIGHT PAN-TILT-ZOOM QUANTITY RELOCATED SURFACE TELECOMMUNICATIONS BONDING BACKBONE TEMPERATURE CONTROL CONTRACTOR TELECOMMUNICATIONS MAIN GROUNDING BUS BAR TELEPHONE TERMINAL BOARD TYPICAL UNDERGROUND		USB DEVICE RECEPT W/2 USB PORTS DC DROP CORD WP WEATHERPROOF COVER & WEATHER RESISTANT RECEPTACLE TR TAMPER RESISTANT S SURGE PROTECTED IG ISOLATED GROUND FILLED CENTER INDICATES HOSPITAL GRADE EMERGENCY RECEPTACLE RECEPTACLE - DOUBLE DUPLEX GFI RECEPTACLE - DOUBLE DUPLEX - SAME INDICATORS AS SHOWN FOR DUPLEX RECEPTACLE RECEPTACLE - 1/2 SWITCHED, 1/2 CONTINUOUS POWER RECEPTACLE - DOUBLE DUPLEX - 1/2 SWITCHED, 1/2 CONTINUOUS POWER		
UON W/ WM WP XFMR	UNLESS OTHERWISE NOTED WITH WIRE MOLD WEATHER PROOF (WHILE IN USE) TRANSFORMER	₩	RECEPTACLE - 208V R RANGE - NEMA 14-50R D DRYER - NEMA 14-30R W WELDER - NEMA 14-50R * NEMA CONFIGURATION AS NOTED		
a,b,c etc	SWITCH DESIGNATION		208V RECEPTACLE IN RECESSED FLOORBOX		
N1L-2,4,6	CIRCUIT DESIGNATION, PANEL BN1L, CIRCUITS 2,4,6		DUPLEX RECEPTACLE/GFI IN RECESSED FLOORBOX		
1/E501 〈#〉	INDICATES DETAIL 1 ON SHEET E501 SHEET WORK NOTE		DOUBLE DUPLEX RECEPTACLE/GFI IN RECESSED FLOORBO		
#	SHEET DEMO WORK NOTE	$\boxed{0} \bigcirc \bigcirc$	J-BOX - BOX INDICATES FLOOR MOUNTING -4"X4"X2-1/8" DEE UNLESS OTHERWISE NOTED		
	HOME RUN TO PANEL	P	POWER POLE		
\ -LV	CONDUIT CONCEALED IN CEILING OR WALL CONDUIT CONCEALED UNDER FLOOR	T	THERMOSTAT/TEMPERATURE SENSOR BY MC OR TC, J-BOX AND CONDUIT TO CEILING BY EC		
	LOW VOLTAGE CIRCUIT	69	CARBON MONOXIDE DETECTOR BY MCI-BOX & CONDUIT T		





FIBER OPTIC CABLE

CIRCUIT, NUMBER OF HASH MARKS INDICATES NUMBER OF

CONDUCTORS IN CABLE/RACEWAY. GROUND WIRE IS NOT

SHOWN BUT SHALL BE INCLUDED. NO HASH MARKS

INDICATES 2 CONDUCTORS PLUS GROUND.

CABLE TRAY

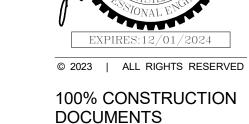
	CONT	TROL E	QUIPI	MENT	SCH	IEDU	LE	
	CT TO BE PROVID DED WITH INTEG							
			IT	EMS BY C	THERS			NOTEC
Type Mark	Description	VOLTAGE	PHASE	FLA	MCA	KVA	HP	NOTES
UH-1	ELECTRIC UNIT HEATER	208 V	1	14 A		3.00		2
EF-1	EXHAUST FAN	120 V	1	1 A		0.12	FRAC	1
EWH-1	ELECTRIC WATER HEATER	120 V	1	12 A		1.40		
EWH-2	ELECTRIC WATER HEATER	120 V	1	12 A		1.40		
EWH-3	ELECTRIC WATER HEATER	120 V	1	12 A		1.40		

			LIGHTIN	G FIXTU	JRE SC	HEDUL	.E						
NOTES:													
	FIXTUF	RE				FIXTURE				LIGHT	SOURCE		
TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LOCATION	MOUNTING TYPE	HEIGHT	VOLTAGE	VA	LAMP TYPE	CRI	KELVIN	LUMENS	NOTES
F1	4' LED STRIP FIXTURE	LITHONIA	CSS L48 ALO3 MVOLT SWW3 80CRI	CEILING	SURFACE	-	120 V	29.00	LED	80	3500	3250 lm	
F3	EXTERIOR LED SURFACE MOUNT FIXTURE	LITHONIA	CNY LED P0 30K MVOLT DDB	CEILING	SURFACE	-	120 V	27.00	LED	80	3000	3500 lm	
W1	EXTERIOR WALL SCONCE	AFX LIGHTING	DEXTER LED WALL SCONCE	WALL	SURFACE	7' 0" AFG TO BOF	120 V	12.00	LED	80	3000	800 lm	
W2	2' LED WALL MOUNT VANDAL RESISTANT FIXTURE	LUMINAIRE LED	BLD 24 NODIM 2DRV 20W 35K 120 DP BLK	WALL	SURFACE	7' 6" AFF	120 V	20.00	LED	80	3500	2000 lm	
W3	4' LED WALL MOUNT VANDAL RESISTANT FIXTURE	LUMINAIRE LED	BLD 48 NODIM 2DRV 35W 35K 120 DP BLK	WALL	SURFACE	7' 6" AFF	120 V	35.00	LED	80	3500	3900 lm	
W4	EXTERIOR LED SECURITY WALL PACK	LITHONIA	HGX LED 3RH ALO SWW2 120 PE DDB	WALL	SURFACE	17' 11" AFG	120 V	25.00	LED	80	3000	2750 lm	

E001 /

NOT TO SCALE

ER & WEATHER TACLE SPITAL GRADE OR DUPLEX RECEPTACLE CONTINUOUS POWER 1/2 SWITCHED, 1/2 NOTED FLOORBOX SSED FLOORBOX I IN RECESSED FLOORBOX OUNTING -4"X4"X2-1/8" DEEP ISOR BY MC OR TC, J-BOX CARBON MONOXIDE DETECTOR BY MC, J-BOX & CONDUIT TO MANUAL MOTOR DISCONNECT/STARTER SWITCH £ **EMERGENCY PUSHBUTTON** R PO POH PHOTOCELL, PHOTOCELL WALL MOUNTED SPECIAL PURPOSE CONNECTION - BOX INDICATES FLOOR MOUNTING - WORK AS NOTED ELECTRIC MOTOR CONNECTION COMBINATION STARTER/DISCONNECT SWITCH DISCONNECT SWITCH CONTACTOR CIRCUIT BREAKER VARIABLE FREQUENCY DRIVE CONTROL PANEL LRP LIGHTING RELAY PANEL TCP TEMPERATURE CONTROL PANEL GAP GENERATOR ANNUNCIATOR PANEL PACP PA CONTROL PANEL MGA MED GAS ALARM PANEL TIME CLOCK EXISTING PANELBOARD, SURFACE MOUNTED EXISTING PANELBOARD, FLUSH MOUNTED PANELBOARD, SURFACE MOUNTED



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SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS

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ELECTRICAL SHEET INDEX

PANELBOARD, FLUSH MOUNTED

TRANSFORMER, INTERIOR

TRANSFORMER, EXTERIOR

ELECTRIC METER, BUILDING MOUNTED

- E001 LEGENDS, SCHEDULES AND PANELS
- E002 ELECTRICAL SPECIFICATIONS
- E200 ELECTRICAL PLANS
- E300 LOW VOLTAGE PLANS

LEGENDS, SCHEDULES AND **PANELS**

The provisions, terms and requirements of Division 1 and 2, the applicable Drawings and Technical Specifications herein shall apply to work under this Division.

This Work consists of, but is not necessarily limited to, the furnishing of all labor, equipment, appliances and materials and the performance of all operations in connection with the installation of all electrical work completed, in strict accordance with Specifications and/or Drawings, applicable codes, including incidental materials necessary and required for their completion.

"PROVIDE" = Furnished and installed complete. "OR EQUAL" = Or equal as approved to quote by Engineer, 10 days prior to Bid.

260000 - COMMON WORK RESULTS

- A. Intent of Drawings: Drawings are partly diagrammatic and do not show exact location of
- conduit unless specifically dimensioned. B. Workmanship:
- 1. Work shall be accomplished by workmen skilled in particular trade, in conformance
- with best practices and accepted standards. 2. Work shall contribute to efficiency of operation, accessibility, maintenance and appearance. No part of installation shall interfere with operation of any other system or part of building.
- 3. Non-satisfactory work shall be corrected at no additional expense to Owner. C. Responsibility:
- 1. The Electrical Contractor is responsible for installation of satisfactory and complete work in accordance with the intent of Drawings and Specifications. Provide, at no extra cost, incidental items required for completion of work even though not specifically mentioned or indicated in Specifications or on Drawings.
- 2. If, at any time, and in any case, change in location of conduit, outlets, fixtures, switches, panels, electrical equipment or associated components, etc., becomes necessary due to obstacles or installation of other trades, such required changes shall be made by Contractor at no extra cost
- Conflicts discovered during construction shall be immediately called to the attention of the Engineer for decision. Do not proceed with installation in area of question until conflict has been fully resolved.
- 4. Coordinate all electrical work with other trades to prevent unnecessary delays in the construction schedule
- 5. Excavation and backfill required by electrical installations shall be accomplished in accordance with Division 2 by this Contractor.
- 6. Provide temporary electrical power and lighting for all trades that require service during the course of this Project. Provide temporary service and distribution as required. Comply
- with the NFPA 70 and OSHA requirements. (Energy costs by General Contractor.) D. Guarantee-Warranty: This Contractor shall and hereby does warrant and guarantee: That all work executed under this Section will be free from defects of materials and
- workmanship for a period of one year from the date of final acceptance of this work. 2. The Contractor agrees to, at the Contractor's own expense, repair and replace all such
- defective materials and work and all other work damaged thereby which becomes defective during the term of warranty. Agreement does not include damages done by Owner. Permits, Tests, Codes and Standards:
- Electrical Contractor to pay for all permits and fees in connection with this work. WORK SHALL BE IN ACCORCDANCE WITH THE MOST RECENT EDITIONS OF
- ADOPTED LOCAL, STATE AND NATIONAL CODES AND ORDINANCES, THE STATE FIRE MARSHAL, AND UTILITY COMPANY REGULATIONS.
- 3. Electrical work shall conform to National Electrical Codes, latest editions, as a minimum
- 4. All material to conform with applicable standards.
- F. Discrepancies: Prior to submitting Bid, Contractor shall refer any apparent discrepancies or omissions to engineer for clarification. G. Prior Approvals: All proposed substitutions shall be received by the Engineer 10 days prior to
- Bid. Priors received after 3 p.m. of the 10th day will be rejected. Supply technical data, photometrics and dimensional Drawings showing that substitutes are equal to product specified. Faxed prior approvals will not be accepted. H. Shop Drawing Submittals:
- 1. In addition to distribution requirements for submittals specified in Division 1 Section "Submittals," submit Drawings for final and official approval through the General
- Contractor as listed below. If the Authority Having Jurisdiction requires Shop Drawings to have a Registered Engineers Stamp Affixed, this shall be the sole responsibility of the Contractor to acquire such stamp at Contractor's cost.
- a. Engineer 2 copies.
- b. General Contractor 2 copies. c. Subcontractor - copies as required.
- Additional copies may be required by individual Sections of these Specifications. Copies of price list sheets are not acceptable. Manufacturer's name and address must appear on each sheet. All copies shall be completely legible. Fax copies are unacceptable. All Shop Drawings not bound in Duo-Tang, Mead or equivalent folders will be rejected.
- 2. Shop Drawings shall include a completed specification sheet of all equipment along with fabrication, installation drawings, setting diagrams, schedules, patterns, templates and similar Drawings. Installation drawings for fire alarm shall be done with a computer cadd program and include no other system. A basic floor plan in electronic format can be obtained from the Project Engineer.
- Project Close-Out Record Documents: Provide three full size sets, unless more are called for under Division 1 (one for Engineer and one for Owner). In addition to requirements called for under Division 1, indicate the following installed conditions:
- a. Actual location of all electrical service gear/feeders, panel/motor/special equipment feeders, all major underground or underslab conduits, all conduit stubs for future use, any change in branch circuitry from Drawings, key junction boxes and pull boxes not indicated on Drawings, any control locations or indicator lights not shown on Drawings. b. Addendum items, change order items and all changes made to Drawings from Bidding
- phase through to Project completion Actual equipment and materials installed. Where manufacturer and catalog number are indicated on Drawings, generally or in fixture or equipment schedules, change to reflect actual products installed.
- d. Change service panel and branch panel breaker locations and schedules to reflect actual installed conditions.

J. Project Close-out Maintenance Manuals:

- Prepare 3 copies, unless more are called for under Division 1 (one for Engineer, two for Owner). In addition to requirements under Division 1, provide heavy duty, durable 3-ring vinyl covered loose-leaf binder for each manual sized to receive 8.5 inch by 11 inch paper. Provide a clear plastic sleeve on the spine to hold labels and pockets in the cover to receive folded sheets. In manual, include all Shop Drawings, installation/operation/maintenance data furnished with electrical equipment, voice/data test reports, and letters from manufacturer's representatives that the fire alarm, has been completed and tested to satisfy requirements/codes. List project name, date, and Contractor's name, address and telephone number. Include index sheet for each Specification Section indicating equipment, with supplier and supplier's telephone number. Provide tabbed dividers indicating major groupings of equipment.
- Turn over to Owner all spare equipment and devices specified and shown.
- K. Supporting Equipment:
- Unless otherwise indicated, fasten electrical items and their supporting hardware securely to the building structure, including conduits, raceways, cables, cable trays, busways, cabinets, panelboards, transformers, boxes, disconnect switches, and control components. Fasten by means of wood screws or screw-type nails on wood, toggle bolts on hollow masonry units, concrete inserts or expansion bolts on concrete or solid masonry, and machine screws, welded threaded studs, or spring-tension clamps on steel. Threaded studs driven by a power charge and provided with lock washers and nuts may be used instead of expansion bolts and machine or wood screws. Do not weld conduit, pipe straps, or items other than threaded studs to steel structures. In partitions of light steel construction, use sheet metal screws. All device boxes in sheetrock walls will be tight before, during and after installation of sheetrock.

Provide supports for electrical items in accordance with NFPA 70 and all other applicable codes.

- Contractor responsible for providing watertight conduit penetrations at all watertight walls, floors roofs and membranes. Contractor also responsible to maintain fire rating of walls, floors, roofs and membranes penetrated.
- When applicable, center within insulation any electrical conduit routed in attic space. Provide sealing as per NFPA 70 300-7 for all conduits exposed to different temperatures. Electrical Identification:
- 1. Apply circuit/control/item designation labels of engraved plastic laminate for disconnect switches, breakers, pushbuttons, pilot lights, FA duct detection, motor starters, panelboards and main control panel and similar systems.
- 2. Identify all 120 VAC and 208 VAC power receptacle cover plates with panel and circuit number
- utilizing a clear label with black designations. Designation example: L1-38.
- 3. Identify underground exterior electrical circuits by installation of continuous underground plastic
- marker, 6 8 inches below grade.

260519 - CONDUCTORS AND CABLES

- A. Submit Shop Drawings in accordance with the "Common Work Results" Section. B. All conductors shall be provided and installed in accordance with NFPA 70, NEMA, UL NETA ATS-1995, and all other applicable codes. All conductors shall be copper. Aluminum
- conductors shall not be used. C. Minimum conductor size for light and power shall be #12 AWG copper. Minimum conductor size for control wiring shall be #14 AWG copper unless noted otherwise on Drawings.
- #10 AWG and smaller shall be solid wire and #8 AWG and larger shall be stranded.
- Provide minimum #10 AWG for exterior lighting circuits.
- D. MC Cable allowed, in concealed wall and ceiling spaces.
- E. Tighten electrical connectors and terminals, including screws and bolts, in accordance
- with manufacturer's published torque tightening valves or as specified in UL Codes. F. Color code secondary service, feeder, and branch circuit conductors with factory applied color as follows:

208y/120 Volts	Phase	480y/277 Volts
	riiase	
Black	Α	Brown
Red	В	Purple
Blue	С	Yellow
White	Neutral	Gray
Green	Ground	Green

260526 - GROUNDING AND BONDING

- A. Submit Shop Drawings in accordance with the "Common Work Results" Section. B. Install separate insulated equipment grounding conductors for feeder and branch circuits in
- compliance with NFPA 70 Article 250. C. Provide #6 AWG minimum green insulated copper conductor in raceway from grounding
- electrode system to each telephone, alarm and communications system's terminal board, cabinet or equipment location.
- D. System Ground: Properly bond system neutral to system ground in the main service apparatus. All other neutral busses, bars, etc., must be isolated from ground. Establish the system ground as the grounding bus in main service apparatus by providing the proper ground bus in the main service apparatus and by providing the proper grounding conductor, installed in rigid steel conduit, bonded to the grounding bus and extended to the grounding point where the bond shall be made with the proper combination conduit/cable grounding clamp. Unless prohibited by Local Codes, the grounding point shall be established on the incoming water main, ufer ground and structural steel. Building metallic water piping system must be bonded, as required by codes, to the grounding bus in the main service apparatus. Carefully check the Drawings for additional
- grounding requirements and comply with NFPA 70 and all other applicable codes/standards. Grounding Electrode: Ufer Ground fabricated according to NFPA 70, Paragraph 250-52(A)(3), using a minimum of 20 feet of bare copper conductor not smaller than No. 4 AWG. Bond grounding conductor by Cadweld process to reinforce steel in at least 4 locations and to anchor bolts.

260533 - RACEWAYS AND BOXES

- A. Submit Shop Drawings in accordance with the "Common Work Results" section.
- B. Conduit Raceway: 1. Indoors, use the following, unless otherwise stated:
- a. Concealed: EMT or MC cable. Exposed: EMT, IMC or RMC.
- Connection to vibrating equipment: Flexible metal conduit.
- 2. Outdoors, use the following, unless otherwise stated:
- a. Concealed: RMC or IMC.
- b. Exposed: RMC or IMC.
- Underground: Schedule 40 PVC with Schedule 80 PVC fittings. Connection to Vibrating Equipment: Liquid tight flexible metal conduit.
- ENT IS NOT ALLOWED.
- 4. Conceal conduit and cable, unless otherwise noted; conduit is permitted to be exposed in equipment rooms. All conduits shall have insulated ground wire installed. Do not install conduit embedded in slabs. EMT fittings shall be steel, compression or set screw type. All raceways shall be installed and supported in accordance with NFPA 70 and applicable
- C. Outlet Boxes:
- 1. Conform to UL 514A, "Metallic Boxes, Electrical," and UL 514B, "Fittings for Conduit and Outlet Boxes." Outlet boxes shall be metallic and installed flush in all areas, except mechanical rooms, above lay-in ceilings, or as otherwise indicated. Minimum size to be 4 inches square by 2-1/8 inches deep. Boxes shall be of type, shape, size and depth to
- suit each location and application. All fittings shall be steel. D. Pull and Junction Boxes:
- 1. Comply with UL 50, "Electrical Cabinets and Boxes," for boxes over 100 cubic inches volume. Boxes shall have screwed or bolt-on covers, shall be suitable for the intended application and shall be labeled
- E. All materials shall be UL listed, appropriate for intended application. Entire raceway system shall be in accordance with NFPA 70, ANSI, NEMA, UL, and all other applicable codes.

262716 - SERVICE ENTRANCE

- Submit Shop Drawings in accordance with the "Common Work Results" Section. B. Provide Current Transformer (CT) Cabinet in accordance with NFPA 70 and serving utility company's requirements. Finish to be gray enamel. Current transformers provided by serving
- C. Provide meter socket in accordance with serving utility company's requirements. Provide empty 1-1/4 inch RGC from meter socket to current transformer cabinet. Meter shall be provided by serving utility.
- D. Stub 4 inch PVC conduit from transformer location underground to location shown on drawing for primary conductors. Verify requirements and conduit size with serving utility. Provide secondary service conduits from transformer pad to CT enclosures as called out on Drawings.
- E. Provide concrete pad for utility transformer in accordance with utility company's requirements. See Division 3 Specifications for concrete applications. F. Install service-entrance equipment as indicated, in accordance with equipment manufacturer's
- written instructions, and with recognized industry practices, to ensure that service-entrance equipment fulfills requirements. Comply with applicable installation requirements of NFPA 70, UL. ANSI, IEEE, and NEMA standards. G. Tighten electrical connectors and terminals, including screws and bolts, in accordance with
- equipment manufacturer's published torque tightening values for equipment connectors. Where manufacturer's torquing requirements are not indicated, tighten connectors and terminals to comply with tightening torques specified in UL Standards 486A, and the NFPA 70. 262416 - PANELBOARDS
- A. Submit Shop Drawings in accordance with the "Common Work Results" Section.
- Manufacturer: Siemens, Square-D, GE or Cutler Hammer.
- C. Load centers are not acceptable unless specifically noted. D. Panelboards shall have aluminum bus including neutral and ground bars. Breakers shall be bolt on type. All 3-pole breakers 30 amp and larger shall have minimum feature of a thermal
- Provide typed circuit schedules for existing panelboards where loads have changed and framed, typed circuit schedules for all new panelboards with identification of items controlled by each individual breaker. Indicate room numbers of items controlled or room name where appropriate for Owner's convenience.

262726 - WIRING DEVICES

magnetic adjustment feature.

- A. Submit Shop Drawings in accordance with the "Common Work Results" Section. B. Acceptable Manufacturers: Pass & Seymore, Bryant, GE, Hubbell, Leviton.
- C. Devices: General light switches shall be 20 amp, 120/277 volt AC rated and Industrial Grade. 2. General receptacles shall be self grounding 5-20R and **Industrial Grade**. GFCI receptacles shall be 20 amp feed through type with two utilization points. Do not connect
- 3. Dimmers shall be **Lutron Nova Series**, sized appropriately for load.
- 4. General device color shall be **ivory**. Emergency power device color shall be red only. D. Device Plates: 1. Device plates shall have opening for device intended and shall be **Lexan**. General device
- color shall be **ivory**. All device plates shall have a clear label with the panel and circuit number designation in black. 3. Weatherproof receptacle covers shall be a corrosion resistant die cast metal, minimum 3 inch deep, flip cover with latch and with pad locking provisions.
- 262813 OVER CURRENT PROTECTION DEVICES

downstream devices to load side of GFCI.

- A. Submit Shop Drawings in accordance with the "Common Work Results" Section.
 - 1. Motor or combination motor/branch circuit: UL listed RK-5. 2. Feeder Loads: UL listed RK-1.
- 3. Plug fuses shall be dual element Type S with adapter. 4. Manufacturer: Bussman, Gould, Littlefuse or Brush.

262816 - CIRCUIT AND MOTOR DISCONNECTS

- A. Submit Shop Drawings in accordance with the "Common Work Results for Electrical" Section.
- B. Manufacturer: Same as panelboard manufacturer. C. Disconnects shall be heavy duty type with Class R rejection feature when required to be fusible. Voltage rating shall be at or greater than the application voltage. Provide NEMA 3R enclosure for exterior locations. Service switches shall be UL listed for use as service equipment.

262913 - MOTOR CONTROLLERS

- A. Submit Shop Drawings in accordance with the "Common Work Results" Section.
- B. Manufacturer: Same as panelboard manufacturer C. Unless scheduled otherwise, 3/4 horsepower or less single-phase motors shall have 1 HP rated manual toggle starters with thermal overload protection sized for the motor in accordance with NFPA 70. Provide pilot light for manual starters not in sight from motor. Units located at the
- exterior of the building shall be NEMA 3R rated. D. Starters shall be across-the-line magnetic type, combination starter/disconnect, FVNR, and HP rated, unless otherwise scheduled. Starter shall have resetable overload protection on all phases, constructed of one-piece Class 20 construction. Provide 120 volt control, H-O-A and interlocks
- where indicated on schedules. Provide two N/O auxiliary contacts. Units located at the building exterior shall be NEMA 3R rated. E. All motor controllers shall be UL listed and installed in accordance with NFPA 70, NEMA, and manufacturer's recommendations.

- 265100 LIGHTING
- A. Submit Shop Drawings in accordance with the "Common Work Results" Section. B. Manufacturer, model, style, color, size, etc., as scheduled. If no color has been selected, provide fixture with the standard finish as published by the manufacturer. All fixtures to be supplied as complete, housing, sockets, lamp holders, internal working, wire guards, lens quards, diffusing materials or lenses, pendants, hangers, canopies, aligners, end caps, ballasts and emergency battery packs, plaster frames, recessing boxes, hold down clips,
- C. Support for Recessed and semi-recessed Grid-type Fluorescent Fixtures: 1. All lighting fixtures shall be positively attached to the suspended ceiling system by mechanical means as specified in the National Electric Code, Section 410-16 (c) unless independently supported. The attachment device, a minimum of two per fixture, shall have a capacity of

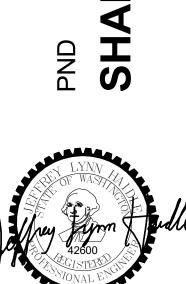
anchor bolts, etc. Install plumb and true, free of light leaks, warps, dents and other irregularities.

2. Pendant-hung lighting fixtures shall be supported directly from the structure above using No. 9-gage wire or an approved alternate support without using the ceiling suspension system for direct support.

100 percent of the lighting fixture weight acting in any direction.

- 3. Lighting fixtures weighing less than 56 pounds shall have, in addition to the requirements outlined above, two No. 12-gage hangers connected from opposite corners of the fixture housing to the structure above. These wires may be slack.
- 4. Lighting fixtures weighing 56 pounds or more shall be supported directly from the structure above by approved hangers. D. Support for Suspended Fixtures: Brace pendants and rods over 48 inches long to limit swinging. Support stem-mounted, single-unit, suspended fluorescent fixtures with twin-stem hangers.
- For continuous rows, use tubing or stem for wiring at one point and tubing or rod for suspension for each unit length of chassis, including one at each end. E. Surface-mounted light fixtures attached to a ceiling grid shall be attached with positive clamping devices that completely surround the supporting members. Safety wires shall be attached between
- the clamping device and the adjacent ceiling hanger or to the structure above. F. Lamps:
- 1. Manufacturers: GE, Phillips, Sylvania, Venture, MasterColor and Eye-Lamp. 2. Fluorescent lamps shall be provided as scheduled. Lamp wattage not to exceed manufacturer's recommendations. All lamps of a given type to be provided by the same manufacturer.
- 3. HID lamps shall be provided as scheduled. Metal halide lamps 175 W and greater, for interior applications, shall be by Eye-Lamp for good color rendering.
- 4. Incandescent lamps shall be inside frosted and 120 volt rated. 5. Provide spare lamps equal to 10 percent and not less than one for each type specified. G. Ballasts:
- 1. Manufacturers: GE, Osram/Sylvania, Advance and Universal. 2. Fluorescent ballasts to be electronic, instant start type with no more than 10 percent THD and
- 3. HID ballasts shall have high power factor, UL listed and constant wattage auto-transformer

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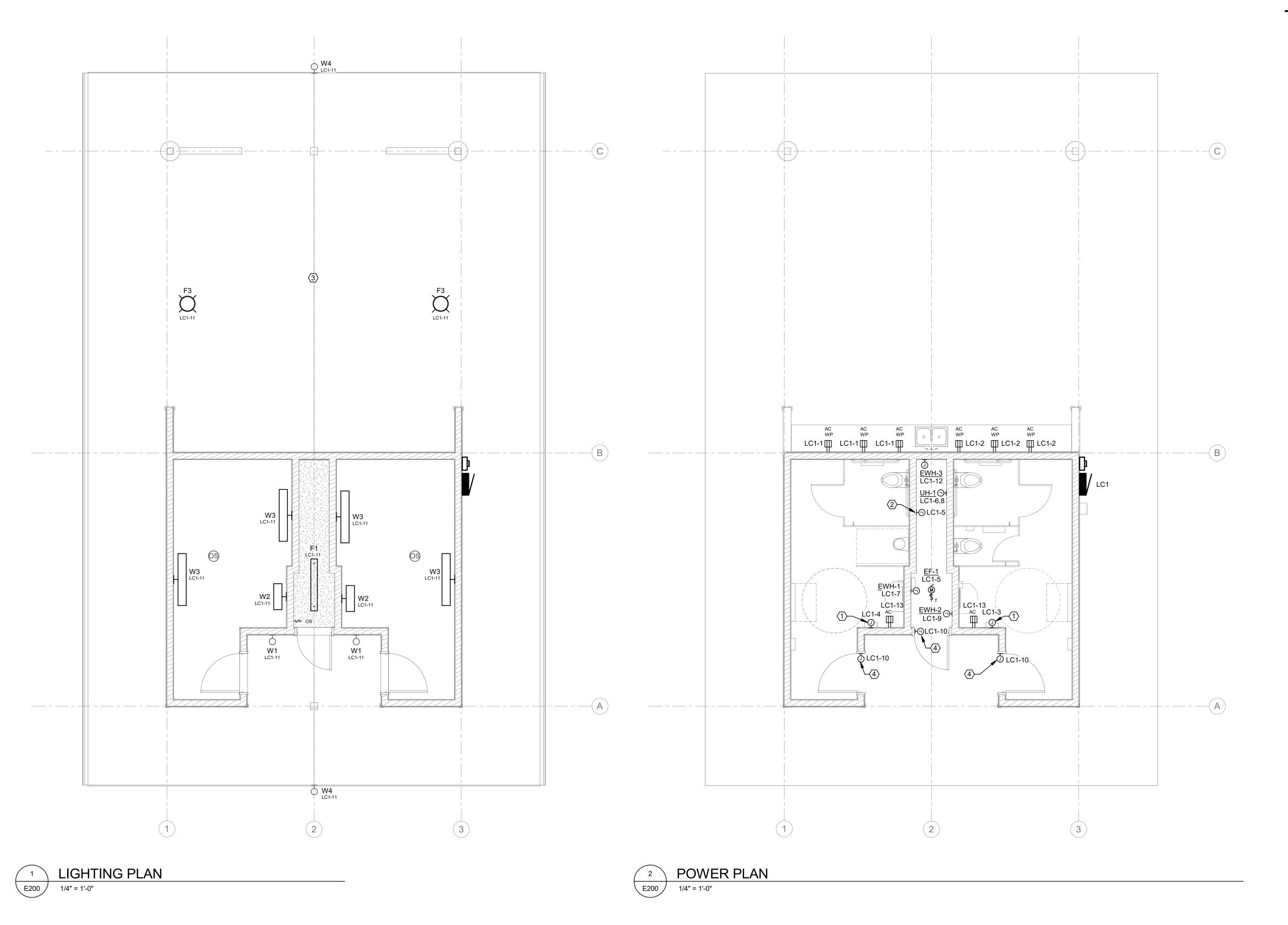


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SPECIFICATIONS

ELECTRICAL



GENERAL NOTES

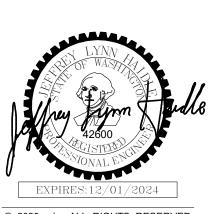
- A. COMPLY WITH LATEST ADOPTED NEC AND APPLICABLE CODES/STANDARDS.
 B. SHARED NEUTRALS ARE NOT ALLOWED FOR SINGLE PHASE BRANCH CIRCUITS.

KEYNOTES

- 1 PROVIDE CONNECTION TO ELECTRIC HAND DRYER. COORDINATE FINAL CONNECTION AND LOCATION REQUIREMENTS WITH HARDWARE PROVIDER PRIOR TO ROUGH-IN.
- 2 ADD ALTERNATE, PROVIDE CONNECTION TO 120V SOLENOID VALVE. SEE PLUMBING PLANS FOR ADDITIONAL INFORMATION.
- 3 ALL EXTERIOR FIXTURES TO BE ASTRONOMIC TIME CLOCK CONTROLLED, ON AT DUSK, OFF AT DAWN. COORIDNATE HOURS OF OPERATION WITH OWNER FOR FINAL CONTROLS SCHEDULING PRIOR TO PROGRAMMING.
- 4 PROVIDE CONNECTION TO DOOR HARDWARE 24V TRANSFORMER, COORDINATE FINAL CONNECTION AND LOCATION REQUIREMENTS WITH HARDWARE PROVIDER PRIOR TO ROUGH-IN.

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ELECTRICAL PLANS

E200

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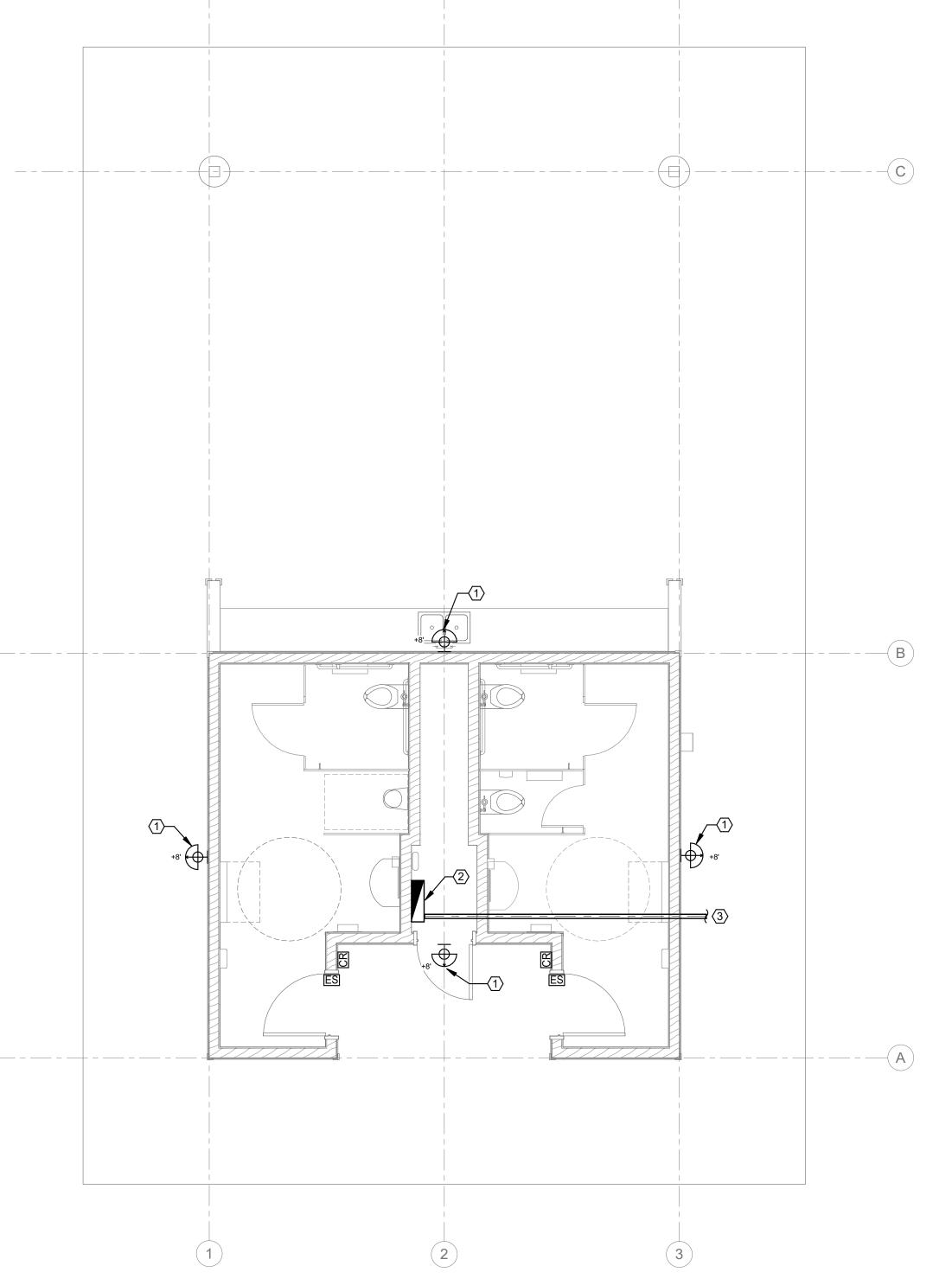
LOW VOLTAGE PLANS

GENERAL NOTES

A. COMPLY WITH LATEST ADOPTED NEC, NFPA 72 AND LATEST ADOPTED IBC/IFC.

KEYNOTES

- 1 NEW EXTERIOR RATED, VANDAL RESISTANT, 180 DEGREE WALL MOUNTED SECURITY CAMERA. BASIS OF DESIGN: BOSCH FLEXIDOME IP PANORAMIC 7000
- 2 PROVIDE NEW POE SWITCH, FED FROM NEW INCOMING LINE FROM THE CITY, TO FEED NEW CAMERAS AROUND PERIMETER. PROVIDE WITH LOCAKBLE WALL MOUNTED ENCLOSURE.
- 3 NEW INCOMING 2" CONDUIT FOR DATA, BELOW GRADE. COORDINATE WITH CITY FOR TERMINATION POINT PRIOR TO COMMENCING WORK. COORDINATE ANY TRENCHING WITH ALL OTHER DISCIPLINES.



SYSTEMS PLAN

Chapter 17.09

PERMIT PROCESSING1

Sections:	
17.09.010	Introduction.
17.09.015	Development permits required – Authority, development standards.
17.09.020	Project review classification.
17.09.030	Permit classification table.
17.09.040	Preapplication/presubmission conferences.
17.09.050	Procedures for Type 1 review.
17.09.060	Procedures for Type 2 review.
17.09.070	Procedures for Type 3 review.
17.09.080	Procedures for Type 4 review.
17.09.090	Completeness review.
17.09.100	Public notice – Notice of application.
17.09.110	SEPA threshold determinations.
17.09.120	Determination of consistency.
17.09.125	Development review committee (DRC).
17.09.130	Site plan review.
17.09.140	General permit processing.
17.09.150	Notice of decision.
17.09.155	Notice of hearing.
17.09.160	Appeals.
17.09.170	Performance.
17.09.185	Conditional use permits.
17.09.190	Variances.
17.09.195	Binding site plans.
17.09.200	Planned unit developments.
17.09.205	Master planned developments.
17.09.210	Rezones, zoning regulations and comprehensive plan amendments.
17 09 215	Violations

17.09.010 Introduction.

The purpose of this chapter is to provide for effective and efficient review of land use and development applications with consistent procedures for similar projects, and to combine procedural and substantive environmental reviews with the review of project permit applications under other applicable requirements. This chapter is intended to provide a framework within which the consistency of project permit applications with the city comprehensive plan and development regulations shall be determined. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.015 Development permits required – Authority, development standards.

A. Permits Required. Except for specific exempted activity defined in the adopted building code, and/or defined in the development engineering standards, no development, earthwork, utility work, subdivision, building, structure, building usage, property usage, or other similar activity regulated by this title shall be initiated, erected, constructed, enlarged, altered, repaired, moved, improved, removed, converted, or demolished unless a development permit and/or certificate of occupancy is issued by the city for such activity.

B. Application Form. Application for a development permit shall be on forms specified by the city and shall contain the information required for review by the city. Required information shall include, but not be limited to, that information specified in the building code relating to building permits, and that information specified in the development engineering standards relating to utility and/or right-of-way development activity. In addition, development within environmental districts or special districts will require specialized information or required meetings with the DRC relating to such a district. Such information shall also be submitted for review whenever applicable.

- C. Review. The development review committee (DRC) shall determine if such application is exempt from a development permit and, if so, such application shall be reviewed as an application for a certificate of occupancy. The DRC shall document such exemption in the permanent file for the subject address.
 - 1. Prior to issuance of any development permit, the DRC shall determine that water and sewer utility service is physically provided to the frontage, or other approved location, of the subject property. Upon approval of the required civil plan for any public utility infrastructure, the DRC may accept a bond or other guarantee approved by the city attorney for said infrastructure in lieu of said infrastructure being installed, inspected, approved and accepted by the city. The DRC will not issue any final approval of any development permit until such infrastructure is completed and accepted by the city.
 - 2. The DRC may place a development permit application on hold pending resolution of any abatement activity filed on the subject property or use. Unresolved abatement processes shall be cause for the DRC to deny proposed development activity for failure to comply with applicable city regulations.
- D. Failure of an applicant to submit required information within 30 days of a written notice to do so shall constitute an abandoned application and shall therefore acquire no vested rights.
- E. Nothing herein shall preclude an applicant from requesting that the city issue a development permit for exempt activity. Such a request shall be reviewed as if it were a required permit application.
- F. Authority. Pursuant to the State Building Code Act (Chapter 19.27A RCW), certain codes, rules, and regulations, as the same now exist or may hereafter be amended, supplemented or added to, shall be, and the same hereby are, adopted by reference, including additions, deletions, and amendments to the codes (Chapters 51-40 through 51-47 WAC); the Washington State Energy Code (Chapter 51-11 WAC); the Washington State Historic Building Code (Chapter 51-19 WAC); and the Washington State Ventilation and Indoor Air Quality Code (Chapter 51-13 WAC), which are promulgated by the Washington State Building Code Council. In addition, certain code appendices and specialized codes are also adopted by reference. Such codes, rules, and regulations are enumerated in Appendix Chapter E, List of International, Uniform and SBCC Codes Adopted, and are adopted by reference as fully set forth herein.
 - 1. In the event of conflict between provisions of the codes, rules, or regulations enumerated in Appendix Chapter E, List of International, Uniform and SBCC Codes Adopted, the most restrictive shall apply, except as provided in Chapter 51-40 WAC (Building Code).
 - 2. One copy each of the above-referenced codes shall be available for public reference in the office of the city building official.
- G. Engineering Standards. Any and all development which occurs upon or abutting a public right-of-way, and any and all development which involves any extension, connection, or any other direct or indirect association with any water, wastewater and/or storm water utility component, and/or any land-disturbing activity shall comply with the development engineering standards. Such standards are specified in the development engineering standards and are applicable as determined by the director of public works or designated consultant.
 - 1. Nothing herein shall preclude the director of public works from specifying standards different than those contained in the development engineering standards based on best available information and technology; provided, that the reasons and justification for such alternative standards are made a matter of record at a DRC meeting, and that equivalency is obtained through the use of such alternative standards in the particular circumstance. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.020 Project review classification.

Four types of review are established for the purposes of administering this title. The permits included in each type, the public notice requirements, the hearing body, the decision maker, and appellate body are summarized in CMC 17.09.030.

A. The city director or his/her designee is authorized to determine the classification of review for any permit or approval not identified on the following table.

- B. It is the goal of the city to consolidate the permit processing for projects or development activities that require two or more permits or approvals. The city director or his/her designee shall determine the appropriate means of consolidating the processing of all permits and shall assign the highest type review classification of the individual permits being sought to the consolidated permit application (with Type 4 being the highest followed by Types 3, 2, and 1). This consolidation may include integrating public hearings, establishing unified comment periods, and/or concurrent reviews. The city director or his/her designee is authorized to make modifications to the procedural requirements of this title in order to effectively consolidate project reviews.
 - 1. Except for the appeal of a SEPA determination of significance, no more than one open record public hearing and no more than one closed record appeal may occur on a single permit application or master application.
 - 2. A public meeting(s) may be held prior to an open record hearing. A public meeting may include but is not limited to a scoping meeting for the preparation of a draft environmental impact statement or presentation of a final environmental impact statement, an informational meeting, and/or a neighborhood meeting. The proceedings at a public meeting may be recorded and a report or recommendation may be included in the project permit application file. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.030 Permit classification table.

	Types of Permit /Approval/Action	Public Notice/ Notice of Application	Hearing Body	Decision Maker	Appellate Body
Type 1 Review	Building Permit Sign Permit Fire Safety Permit Civil Permit Certificate of Appropriateness Certificate of Design Review Certificate of Occupancy Clearing and Grading Permit Code Enforcement Action Code Interpretation Shoreline Permit Shoreline Letter of Exemption Boundary Line Adjustment Short Plat Approval (4 lots or less) SEPA Action (not requiring public notice) Site Plan Approval Special Event Permit Temporary Use Permit	None	None	City Manager or his/her designee	Hearing Examiner
Type 2 Review	Critical Area Permit Floodplain Development Permit SEPA Action Shoreline Substantial Development Permit Variance (with Type 1 or 2 permit)	Yes	None	City Manager or his/her designee	Hearing Examiner
Type 3 Review	Conditional Use Permit Binding Site Plan Preliminary Plat (5 or more lots)/Final Planned Unit Development Master Planned Development Reasonable Use Exception Shoreline Conditional Use Permit Shoreline Variance Variance (with Type 3 permit)	Yes	Hearing Examiner	Hearing Examiner/City Council	Superior Court/Shoreline Hearings Board
Type 4 Review	Approval for Final Plat of Subdivisions Comprehensive Plan/Land Use Map Amendment Development Regulation Amendment Rezone Shoreline Master Program Amendment	Yes	Planning Commission/ Hearing Examiner	City Council	Superior Court/Growth Management Hearings Board

[Ord. 1016B § 2 (Exh. A), 2021.]

17.09.040 Preapplication/presubmission conferences.

Prior to formal submittal of a Type 2, 3, or 4 permit application, applicants are encouraged to request a preapplication conference with city staff and representatives of appropriate public agencies. The date, time and place of such conferences shall be established by policy. Preapplication conferences can occur outside the date, time, and place established by staff at the mutual agreement of both staff and applicant. Such conferences are intended as an informal discussion and review of possible applications to assist the applicant in discovery of appropriate city regulations, standards, application materials, and review processes that would be required of a project. A preapplication conference does not vest a proposed project permit application. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.050 Procedures for Type 1 review.

Applications subject to a Type 1 review involve administrative action by the director or his/her designee without public notice or an open record public hearing. The city hearing examiner shall conduct an open record public hearing for appeals of decisions on Type 1 permits unless otherwise noted in this title.

A. Applications for Type 1 permits shall be processed by the city in accordance with the following general procedures unless the applicant is otherwise notified in writing:

- 1. Completeness review and determination of complete application;
- 2. Determination of Consistency.
 - a. Site plan and downtown design review, as appropriate;
 - b. Application and applicable fees paid;
- 3. Issuance of a SEPA threshold determination, if required; and
- 4. Notification to the applicant of approval or denial of the application. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.060 Procedures for Type 2 review.

Applications subject to a Type 2 review involve administrative action by the city director or his/her designee following distribution of a public notice and the opportunity to submit written comments. The city hearing examiner shall conduct an open record public hearing for appeals of decisions on Type 2 permits unless otherwise noted in this title.

A. Applications for Type 2 permits shall be processed by the city in accordance with the following general procedures unless the applicant is otherwise notified in writing:

- 1. Preliminary site visit/inspection by city staff and/or preapplication meeting, if appropriate;
- 2. Completeness review and determination of complete application;
- 3. Determination of Consistency.
 - a. Site plan and downtown design review, as appropriate;
 - b. Application and applicable fees paid;
- 4. Issuance of a notice of application;
- 5. Issuance of a SEPA threshold determination, if required;
- 6. Review of public comments; and
- 7. Issuance of a notice of decision. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.070 Procedures for Type 3 review.

The city hearing examiner shall conduct an open record public hearing before making a decision on Type 3 permit applications. The decision of the hearing examiner is subject to appeal in superior court or, in the case of shoreline permits, to the shoreline hearings board.

- A. Applications for Type 3 permits shall be processed by the city in accordance with the following general procedures, unless the applicant is otherwise notified in writing:
 - 1. Preliminary site visit/inspection by city staff and/or preapplication meeting, if appropriate;
 - 2. Completeness Review and Determination of Complete Application.
 - a. Site plan and downtown design review, as appropriate;
 - b. Application or letter and all fees paid, as applicable;
 - 3. Distribution of a notice of application;
 - 4. Issuance of a SEPA threshold determination, if required;
 - 5. Preparation of a staff report containing relevant information about the application and a determination of consistency. This report may also include a staff recommendation and shall be distributed to the public prior to the open record public hearing;
 - 6. An open record public hearing shall be conducted by the hearing examiner, during which the applicant shall be given the opportunity to present the proposed project and interested parties shall be allowed to make comments and submit written testimony; and
 - 7. Hearing examiner review of the record and issuance of a notice of decision.
 - 8. Note: State law requires that final approval of plats involving five or more lots must be made by the city council. All final plats will be reviewed by the hearing examiner for consistency with the preliminary approval before going to the city council for final plat approval. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.080 Procedures for Type 4 review.

Decisions on all Type 4 permit applications shall be made by the city council following an open record public hearing conducted by the planning commission or hearing examiner.

- A. Applications for Type 4 permits shall be processed by the city in accordance with the following procedures, unless the applicant is otherwise notified in writing:
 - 1. Preliminary site visit/inspection by city staff and/or preapplication meeting, if appropriate;
 - 2. Completeness review and determination of complete application;
 - 3. Distribution of a notice of application;
 - 4. Issuance of a SEPA threshold determination, if required;
 - 5. Preparation of a staff report and staff recommendation that shall be forwarded to the planning commission and be made available for public review prior to the open record public hearing;
 - 6. Distribution of the proposed amendments to state agencies, as appropriate, for review and comment;
 - 7. An open record public hearing shall be conducted by the planning commission, during which the applicant shall be given the opportunity to present the proposed amendment, and interested parties shall be allowed to make comments and submit written testimony;

- 8. A review of the complete record by the planning commission and the adoption of a recommendation to the city council;
- 9. The recommendation of the planning commission along with a complete copy of the record shall be provided to the city council for review prior to their decision;
- 10. City council review and action; and
- 11. Issuance of a notice of decision. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.090 Completeness review.

All applications shall be submitted on such forms and in accordance with such procedures as may be prescribed by the city; provided, that:

- A. All applications shall be signed by the property owner or show owner consent of the application by the agent acting on the owner's behalf;
- B. All applicable fees shall be submitted at the time of application unless otherwise specified;
- C. A completed SEPA checklist shall be filed at the same time as an application for all permits, except when:
 - 1. The city has determined the activity to be categorically exempt from the requirements of SEPA; or
 - 2. The city and applicant agree that an EIS is required; or
 - 3. SEPA compliance for the proposed project has already been completed; or
 - 4. SEPA compliance has been initiated by another agency;
- D. Within 28 days of submittal, the city shall conduct a review of all application materials to determine if the application is complete and ready for processing. The city shall then make a determination of completeness and shall provide the applicant with written notification which states:
 - 1. That the application is complete and ready for processing or that the application is incomplete and what is necessary to make the application complete;
 - 2. To the extent known by the city, other agencies that may also have jurisdiction over the application; and
 - 3. To the extent known by the city, other permits or approvals that may be required;
- E. Nothing in this title shall limit the city from incorporating the notice of application and determination of completeness into one document;
- F. The issuance of a determination of a complete application shall not preclude the city from requesting additional information from the applicant in order to complete the processing of an application;
- G. If the city determines an application is not complete, or that additional information is necessary to complete the review of the application, and the applicant fails to respond to the request from the city in the established time frames, the city shall notify the applicant in writing that the application has lapsed and become void. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.100 Public notice – Notice of application.

When review procedures require a notice of application, the following shall apply:

- A. Timeline. The notice shall be provided within 14 days after the determination of completeness is issued.
- B. Content. The notice of application shall include the following:
 - 1. The file number assigned;

- 2. The date of application, date of the notice of completeness, and the date of the notice of application;
- 3. A description of the proposed project action and a list of permits included with the application and, if applicable, a list of requested studies;
- 4. Identification of known permits not included with the application;
- 5. Identification of existing environmental documents that evaluate the proposal;
- 6. The location where the application and any studies can be reviewed;
- 7. A statement of the public comment period which shall not be less than 14 or more than 30 days. Shoreline substantial development, conditional use and variance permit applications require a public comment period of not less than 30 days;
- 8. A statement of the rights of any person to comment on the application, receive notice of and participate in any hearings, request a copy of the decision and any appeal rights;
- 9. Any other information determined appropriate by the city.
- C. Legal Notice. Notice shall be provided in the following manner as applicable:
 - 1. Mail. The notice shall be sent by USPS first class mail to the following:
 - a. The applicant;
 - b. Affected city departments via email or interoffice mail;
 - c. State, federal and local agencies with jurisdiction; and
 - d. Any person who requests such notice in writing to the department.
 - 2. Posting of the Property. Notice shall be posted according to the following:
 - a. At least one location on or adjacent to the subject property that shall be clearly visible and legible from an adjacent street or public area;
 - b. The director shall determine the specifications to the construction and installation of the notice boards;
 - c. The posting shall remain in effect for the duration of the public notice period.
 - 3. Publishing Notice. A published notice in the city's official newspaper of general circulation within the city boundaries and on the city's website is required. The content shall include the following:
 - a. Project location;
 - b. Project description;
 - c. Type of permit(s) required;
 - d. Comment period and dates;
 - e. Location where the complete application may be viewed.
- D. Integration of Notices. The city will integrate the notice of application with SEPA review whenever possible. Notification for a notice of application should be combined with the notification for threshold determination and the scoping for a determination of significance whenever possible.

- E. Issuance of Decisions. Except for a threshold determination, the city may not issue a decision or a recommendation on a permit until the expiration of the public comment period.
- F. Public Comments. Comments shall be as specific as possible. Comments shall be received by the last day of the comment period specified in the notice. If no comments are received by the date specified in the notice from an affected city department or agency with jurisdiction, which notification was sent to, then it is presumed that the department or agency has no comments. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.110 SEPA threshold determinations.

A threshold determination is required for any proposal that is not categorically exempt within 90 days that an application and supporting documentation have been deemed complete. All threshold determinations shall result in a determination of nonsignificance (DNS), or a determination of significance (DS); provided, that the city may also issue a mitigated determination of nonsignificance (MDNS) based on conditions attached to the proposal, or on changes to or clarifications of the proposal made by the applicant.

- A. After submission of an environmental checklist and prior to a threshold determination, the city shall notify the applicant if it is considering issuing a DS. As a result, the applicant may clarify or change features of the proposal to mitigate the impacts which make the DS likely. If a proposal continues to have a probable significant adverse environmental impact, even with the mitigating measures, an EIS shall be prepared.
- B. If a preliminary SEPA threshold determination was not made in conjunction with a notice of application, and no probable significant adverse impacts are anticipated, a determination of nonsignificance shall be issued and a 15-day comment period may be required.
- C. If a predecision open record public hearing is required, the SEPA threshold determination must be issued at least 15 days before the hearing.
- D. If the city makes a SEPA determination of significance (DS) concurrently with the notice of application, the notice of application shall be combined with the determination of significance and scoping notice.
- E. Whenever the city makes a threshold determination, it shall seek to include the public notice for the SEPA action with the notice of application or notice of decision for any associated land use application(s) or permits; provided, that:
 - 1. If no public notice is required for the permit or approval, the city shall give notice of the DNS or DS by publishing a notice in the city's newspaper of record;
 - 2. Whenever the city issues a DS, all public notices shall state the scoping procedure for the required EIS; and
 - 3. Whenever the city issues a DEIS (draft EIS), or SEIS (supplemental EIS), notice of the availability of those documents shall be given by at least two of the following methods:
 - a. Indicating the availability of the DEIS or SEIS in any public notice required for an associated land use application or permit;
 - b. Posting the property, for site-specific proposals;
 - c. Publishing notice in the city's newspaper of record;
 - d. Notifying public or private groups which have expressed interest in a certain proposal or in the type of proposal being considered;
 - e. Notifying the news media; and/or
 - f. Publishing notice in agency newsletters and/or sending notice to agency mailing lists.

- F. Mitigation measures incorporated in the MDNS shall be deemed conditions of approval of the permit decision and may be enforced in the same manner as any term or condition of the permit or enforced in any manner specifically prescribed by the city.
- G. Nothing in this section shall limit the authority of the city in its review or mitigation of a project to adopt or otherwise rely on environmental analyses and requirements under other laws, as provided by Chapter 43.21C RCW. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.120 Determination of consistency.

As part of all project and application reviews, the city shall determine if a proposed project or development activity is consistent with applicable city development regulations, and the goals, policies, and objectives of the adopted comprehensive plan. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.125 Development review committee (DRC).

The purpose of the development review committee is to oversee orderly growth and development through a predictable review process that provides a developer with all the necessary information to successfully develop while ensuring that all levels of government have participated in the process as necessary.

- A. Site Plan Review, when Required by Development Review Committee Membership.
 - 1. Site plan review and/or DRC approval shall be required prior to the initial or additional use of land or activity, where city services will be provided within the boundaries of the Napavine comprehensive plan. Specifically:
 - a. The construction or location of any residential building in which two or more dwelling units would be contained:
 - b. The construction or location of any public, commercial or industrial building;
 - c. Annexations;
 - d. Rezones;
 - e. Subdivisions, short and long;
 - f. Capital improvement projects that exceed the SEPA threshold or trigger CAO review;
 - g. As required by this zoning code.
 - 2. Prior to applying for site plan review, a developer may file with the DRC a summary site plan or proposal, with adequate copies, which shall contain in a rough and approximate manner all the information required in the site plan application. The purpose of the summary site plan is to enable a developer filing the plan to obtain the advice of the DRC as to applicability of the intent, standards and provisions of this chapter to the plan. After filing of a summary site plan, the DRC shall make available to the developer its written advice regarding the compatibility of the preliminary site plan with the intent, standards and provisions of this chapter. This preliminary advice is not to be construed as an approval or disapproval outright of the proposal nor should it be interpreted as vesting of the project.
 - 3. An application, in completed form, shall be filed for site plan review and approval with the appropriate department. An application shall not be in completed form under this section if it fails to contain any of the information and material required under CMC 17.09.130(B).
 - 4. The DRC shall consist of the following department members: the Community Development/Public Works Diredctor, , the building official, , , the fire chief, the fire marshal, the police chief, , and/or their designee, as the project necessitates.
- B. Review by the DRC.

- 1. The DRC shall approve, disapprove or approve with conditions any site plan submitted in compliance with this chapter. The action taken by the DRC will be submitted to the building official for subsequent action on the building permit application. An applicant can request a preliminary site Director with the understanding that the committee response is advisory in nature and is not intended to be construed as final approval or vesting of the project.
- 2. The DRC shall review a site plan and approve, or approve with conditions, site plans which conform to the standards, provisions and policies of the city as expressed in its various adopted plans and ordinances. The DRC shall make the determination of complete application to the applicant as required in this chapter and shall make a determination of consistency in accordance with this chapter on projects that require DRC approval. Whenever the DRC disapproves a site plan, it shall set forth in writing the findings which shall specify the particular standards, provisions and policies to which the site plan fails to conform and the reasons why it fails to conform.
- 3. The decision of the DRC shall be final unless appealed in accordance with this chapter.

C. Appeals.

- 1. The hearing examiner shall not approve or disapprove a site plan or proposal different from that approved or disapproved by the DRC. The intent of this section is to ensure that the hearing examiner and the DRC make decisions based on the same set of plans or proposal. If the hearing examiner receives a site plan or proposal different from that considered by the DRC, the site plan or proposal shall be referred back to the DRC for further consideration.
- 2. The hearing examiner shall hear site plan applications referred with other applications or appealed to the hearing examiner and approve, or approve with conditions, site plans which conform to the standards, provisions and policies of the city as expressed in its various plans and ordinances. Similarly, the hearing examiner shall disapprove site plans which do not conform to such standards, provisions and policies. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.130 Site plan review.

The purpose of a site plan review is to help ensure that new development activities do not adversely affect the public health, safety and welfare of residents of Napavine, and that new development activities are compatible with existing patterns of development and the provisions of the Napavine comprehensive plan. All required site plans shall be approved by the DRC.

- A. A site plan review shall be required for all proposed development activities in the residential (R-1, R-2, R-3, , and) and the commercial and industrial zones (, C, C/I,), unless waived in writing by the city. Single-family homes are exempt from formal DRC approval but must still submit a site plan consistent with subsection (B) of this section. Development that does not require a building permit is exempt from this requirement.
 - 1. In addition to a site plan review, proposed development activities located within the special districts must also comply with CMC Title 17, Division IV, Special Districts.
 - 2. Development activities subject to a site plan review shall be determined by the city and shall include new construction, modifications to existing uses or structures that increase the size of the building or the intensity of the use, and/or changes of use.
 - 3. The site plan review shall include the whole site, including subsequent phases of development without regard to existing or proposed lot lines.
 - 4. A site plan review permit is separate from and does not replace other required permits such as a conditional use permit or a shoreline substantial development permit. A site plan review may be combined and reviewed concurrently with other permits and approvals, as determined by the city.
 - 5. The site plan review must be conducted prior to, or with the approval of the city concurrent with, the review of any required building permit or clearing and grading permit applications.

- B. A complete site plan review application shall be submitted in a format prescribed by the city and may include, but is not limited to, the following on plans that are drawn to scale:
 - 1. The location and dimensions of the lot(s).
 - 2. Existing topography and natural features.
 - 3. Proposed grading and drainage facilities, including areas to be preserved or protected for the implementation of low impact development stormwater features in accord with the provisions of the Napavine Engineering Design Manual.
 - 4. The footprint of existing and proposed structures, proposed building heights, proposed building setbacks, and the proposed uses.
 - 5. The location of existing and proposed roads, access plans, parking facilities, loading areas, curbs, drains, paving, hydrants, sign and light pole locations, walls, fences, walks, approaches, and proposed landscaping plans.
 - 6. The location of existing and proposed water, storm, and sanitary sewer lines and facilities.
 - 7. The nature, location, and dimensions of environmentally sensitive areas, shorelines, or floodplain areas and their associated buffers, if any, on or adjacent to the site.
 - 8. All required technical reports prepared by experts with demonstrated qualifications in the area(s) of concern.
 - 9. Any additional information deemed necessary by the city.
- C. The city may approve a proposed site plan in whole or in part, with or without conditions, if all of the following findings of fact can be made in an affirmative manner:
 - 1. The project is consistent with the Napavine comprehensive plan and meets the requirements and intent of the Napavine Municipal Code, including the type of land use and the intensity/density of the proposed development.
 - 2. The physical location, size, and placement of the development on the site and the location of the proposed uses within the project minimize impacts to any critical resource or floodplain area to the greatest extent possible or are compatible with the character and intended development pattern of the surrounding properties.
 - 3. The project makes adequate provisions for water supply, storm drainage, sanitary sewage disposal, emergency services, and environmental protection to ensure that the proposed project would not be detrimental to public health and safety.
 - 4. Public access and circulation including nonmotorized access, as appropriate, are adequate to and on the site.
 - 5. Adequate setbacks and buffering have been provided. Any reduction to setbacks or buffer widths is the minimum necessary to allow for reasonable economic use of the lot and does not adversely impact the functional value of the critical resource area or adjoining land uses.
 - 6. The physical location, size, and placement of proposed structures on the site and the location of proposed uses within the project are compatible with and relate harmoniously to the surrounding area.
 - 7. The project adequately mitigates impacts identified through the SEPA review process, if required.
 - 8. The project would not be detrimental to the public interest, health, safety, or general welfare.
- D. Authorization of a site plan review shall be valid for one year after the effective date and shall lapse at that time unless a building permit has been issued.

- 1. The city may extend the site plan review one time for an additional year if it finds that the regulations on which the site plan review is approved have not changed substantially.
- 2. Knowledge of expiration date and initiation of a request for extension of approval time is the sole responsibility of the applicant. The city shall not be held responsible for notification of expirations. All requests for additional time must be submitted to the community development department at least 30 days prior to expiration of site plan approval. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.140 General permit processing.

- A. Applications determined to be complete and accepted for processing may be approved or disapproved by the city in accordance with the procedures in this chapter; provided, that:
 - 1. The city may request additional information from the applicant at any time and may suspend the processing of an application(s) pending the receipt of requested information.
 - a. Such requests shall be made in writing and shall identify the additional information required, the reason for the information, and the time frames for submitting the additional information.
 - b. If the applicant does not respond to the request for additional information within one year, the application may be terminated.
- B. The city may approve, approve subject to conditions, or deny an application based on the information included in the record.
 - 1. In approving an application, the city may impose such conditions and safeguards as may be required to comply with the provisions of this title and to protect the public health, safety, and welfare. These conditions and safeguards may include, but are not limited to, the following:
 - a. Measures identified during the environmental review process including but not limited to;
 - i. Floodplain development;
 - ii. Stormwater compliance;
 - iii. Creeks and streams;
 - iv. Slopes;
 - b. Measures necessary to comply with the provisions of the Napavine comprehensive plan;
 - c. Measures necessary to comply with provisions of the Napavine Municipal Code, including but not limited to:
 - iv. Urban growth area;
 - d. Measures necessary to ensure compatibility of the proposed development activity with neighboring land uses, and consistency with the intent and character of the zoning district. This may include, but is not limited to:
 - i. Increasing the required lot size, setback or yard dimensions;
 - ii. Limiting the height of buildings or structures;

- iii. Controlling the number and location of vehicular access points;
- iv. Requiring the dedication of additional rights-of-way for future public street improvements identified in an adopted transportation plan;
- v. Requiring the designation of public use easements and the recording of same;
- vi. Increasing or decreasing the number of required off-street parking and/or loading spaces as well as designating the location, screening, drainage, surfacing or other improvement of a parking area;
- vii. Limiting the number, size, height, shape, location and lighting of signs;
- viii. Requiring view-obscuring fencing, landscaping or other facilities to protect adjacent or nearby properties;
- ix. Requiring site reclamation upon discontinuance of use and/or expiration or revocation of the project permit;
- x. Limiting hours and size of operation; and
- xi. Controlling the siting of the use and/or structures on the property.
- 2. The city may deny an application based on finding that the proposed action:
 - a. Would have a probable, significant, adverse impact on the environment that cannot be reasonably mitigated;
 - b. Is not consistent with the goals and policies of the Napavine comprehensive plan;
 - c. Information required by the city in order to complete the processing was not provided in accordance with the provisions of this title; or
 - d. Does not comply with the provisions of the Napavine Municipal Code. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.150 Notice of decision.

A notice of decision shall be issued for all Type 2, 3 and 4 permit applications. A notice of decision may not be issued until the expiration of the comment period on the notice of application.

- A. Notices of decision shall include:
 - 1. A description of the decision or actions taken;
 - 2. Any mitigation or conditions of approval required under applicable development regulations or under SEPA;
 - 3. If a SEPA threshold determination has not been issued previously, the notice of decision shall state this determination; and
 - 4. A description of applicable appeal procedures. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.155 Notice of hearing.

When review procedures require a notice of hearing, the following shall apply:

- A. Notice Integration. A notice of hearing is required for public hearings. A notice of hearing may be integrated with the notice of application.
- B. Notice Content. A written notice of hearing shall contain the following information:
 - 1. The name of the applicant or designated contact;

- 2. A description of the affected property (not including any legal description);
- 3. Project summary/description of each project permit application;
- 4. The application/project file number;
- 5. The date, time and place of the hearing;
- 6. A statement that all interested persons may appear and provide testimony;
- 7. A statement where information may be examined or obtained, and the staff contact and phone number;
- 8. A statement of how written testimony or comments may be submitted;
- 9. The SEPA threshold determination along with any appropriate statement regarding any shared or divided lead agency status and phased review, and stating the end of any final comment period;
- 10. The deadline (date, time and place) for submitting a SEPA appeal;
- 11. A statement regarding any administrative appeal process including SEPA appeal.
- C. Appeal Notification. Notification for a hearing on an open record or closed record appeal shall be provided in the following manner:
 - 1. Mail. The notice shall be sent by USPS first class mail, email or interoffice mail to the following:
 - a. The applicant/appellant;
 - b. Parties of record;
 - c. Affected agencies;
 - d. Parties requesting notice; and
 - e. Other persons whom the department believes may be affected by the action.
- D. Project Permit Notification. Notification for a hearing on a project permit shall be provided in the following manner as applicable:
 - 1. Mail. The notice shall be sent by first class mail or higher to the following:
 - a. The applicant;
 - b. All property owners of real property (as shown by the records of the Lewis County assessor's office) within 300 feet of the subject property;
 - c. Any person providing a written request to the department; and
 - d. Where any portion of a property abutting the subject property is owned, controlled, or under the option of purchase by the applicant, all property owners within a 300-foot radius of the total ownership interest shall be notified by mail as referenced above.
 - 2. Posting of the Property. The notice shall be posted in the same manner and location(s) as the notice of application set forth in CMC 17.09.100.
 - 3. Publishing Notice. A published legal notice in the city's official newspaper of general circulation within the city boundaries is required. The content of the published notice shall include the following information:
 - a. Project location;

- b. Project description;
- c. Type of permit(s) required;
- d. Comment period and dates;
- e. Location where the complete application may be viewed.
- E. Notice Deadlines. Notice shall be given at least 14 days before the hearing date except:
 - 1. Shoreline permits pursuant to WAC 173-27-110(3) shall be given at least 15 days.
 - 2. An integrated notice of hearing and notice of application shall be given at least 15 days.
 - 3. An integrated notice of hearing and notice of a SEPA threshold determination shall be given at least 15 days.
- F. Continuation of Hearing. Continued hearings do not require additional notices of hearing.
- G. Additional Procedures. In addition to the procedures contained in this chapter, the department may develop general procedures for notification, including mailing packets and the format of the notice and an affidavit of posting/mailing form to be filled out by the party doing notice. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.160 Appeals.

A. Standing to initiate an administrative appeal of Type 1 and 2 reviews is limited to the applicant or owner of the property in which the project permit is proposed, parties of record, affected agencies or tribes, or any person aggrieved by the final decision and who will suffer direct and substantial impacts from approval or denial of the project. The term "parties of record" for the purposes of this title shall mean:

- 1. Any person who testified at the open record public hearing on the application; or
- 2. Any person who submitted written comments in response to the notice of application or environmental review; or
- 3. Any person who submitted written comments concerning the application at the open record public hearing (excluding persons who have only signed petitions or mechanically produced form letters).
- B. All appeals of interpretations or actions regarding Type 1 and 2 reviews shall be filed in a format prescribed by the city, along with the required fee, within 14 days of the date of the interpretation or action. If the deadline to file an appeal falls on a weekend or on a city holiday, the deadline shall become the next business day. The city shall mail written notice to all parties of record to apprise them of all open and closed record public appeal hearings and shall place a public notice in the city's newspaper of record at least 14 days before the open record appeal hearing.
 - 1. The notice of appeal shall specify the claimed error(s) and issue(s) which the appellate body is asked to consider and shall specifically state all grounds for such appeal. Issues or grounds of appeal which are not so identified need not be considered by the appellate body;
 - 2. The appellants and any respondents to the notice of appeal shall have the opportunity to present oral and written arguments during open record appeal hearings. For all closed record appeals, the record shall be limited to information presented during the preceding open record hearing. Oral argument shall be confined to the established record and to any alleged errors in the decision;
 - 3. Following an appeal hearing, the appellate body may affirm, reverse or modify the decision of record and shall adopt its own written findings and conclusions in support of its decision; and
 - 4. The city may require an applicant and/or the appellant to reimburse the city for the cost of preparing materials to be used during open record public hearings or closed record appeals including but not limited to the cost of copying, taping, and/or transcribing a certified record of the proceedings.

- C. Appeals of SEPA threshold determinations or SEPA actions shall be combined with any appeals of associated applications or permits.
 - 1. If the final decision incorporates the SEPA threshold determination subject to a 14-day comment period, a joint 21-calendar-day appeal period shall be provided on both the project decision and the SEPA threshold determination.
- D. All Type 3 and Type 4 land use decisions and the decisions of the hearing examiner on appeals of Type 1 and 2 permits may be appealed by a party with standing to file a land use petition in Washington State Superior Court, unless otherwise specified, in accordance with the provisions of Chapter 36.70C RCW. Such petition must be filed within 21 days of issuance of the decision. This process shall be the exclusive means of judicial review except for local land use decisions reviewable by a quasi-judicial body created by state law, such as the Shorelines Hearings Board.
 - 1. Appeals of decisions of shoreline permits shall be heard by the Washington State Shorelines Hearings Board in accordance with the provisions of Chapter 90.58 RCW.
 - 2. Proposed amendments to the city's shoreline master program must be approved by the Washington State Department of Ecology. Appeals of decisions on proposed amendments by the Department of Ecology shall be heard by the Washington State Growth Management Hearings Board in accordance with the provisions of Chapter 90.58 RCW. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.170 Performance.

A. Any action authorized under this title shall be completed within two years from the date of approval, unless otherwise specified by the city. Failure to meet the time limit set shall void the approval; except that the city may authorize a time extension upon request, provided such extension request is filed in writing prior to the required completion date. Such extension request shall detail unique and special circumstances that prohibited the completion of the use authorized.

- B. The city may revoke a project permit issued pursuant to this chapter if it is ascertained that the application included any false information material to the project permit approval, or if it develops that the conditions and safeguards made a part of the terms under which the approval was granted have not been complied with or are not now being maintained.
 - 1. If the city finds the conditions and safeguards made part of the terms under which the project permit was granted have not been complied with or are not being maintained, the city shall prescribe a reasonable time for correction, and if corrections are not made within the time limit, the permit may be suspended or revoked.
 - 2. The suspension or revocation of a permit may be appealed to the city hearing examiner in order to show cause why such permit approval should not be suspended or revoked.
 - 3. An application for a permit previously revoked under this section cannot be submitted until all remedial actions required of the applicant/project sponsor/property owner have been completed and all fines, penalties, and fees paid.
- C. Violation of such conditions and safeguards, when made part of the terms under which the project permit is granted, shall be considered a violation of this chapter and may result in suspension or revocation of the permit and/or enforcement actions in accordance with the provisions of the Napavines Municipal Code. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.185 Conditional use permits.

A. The city's policy is to mitigate the impacts of conditional uses through special conditions of approval. Where impacts cannot be mitigated effectively, the review authority shall deny the application. A conditional use may be approved or modified only when all of the following criteria are met:

1. The use is listed as a conditional use in the master use table in Chapter 17.78 CMC, Use/Occupancy;

- 2. Is suitable for the proposed site considering size, shape, location, topography, existence of improvements and natural features:
- 3. Is timely, considering the adequacy of transportation systems, public facilities and services existing or planned for the area affected by the use;
- 4. The location, size, and functional characteristics of the proposal are such that it can be made reasonably compatible with and have minimal impact on the livability and development opportunities in the neighboring area:
- 5. Is consistent with the applicable goals and policies of the Napavine comprehensive plan and the purpose of the underlying zone;
- 6. Complies with all applicable site plan review requirements; and
- 7. Does not have significant environmental consequences when compared with other permitted uses in the underlying zone which cannot be mitigated through conditions of approval.
- B. The review authority may impose conditions of approval as necessary to protect the public interest, achieve compliance with the Napavine comprehensive plan, or to mitigate any adverse impacts resulting from approval of uses or impacts subject to this chapter.
- C. The review authority, on its own motion, may initiate proceedings consistent with the procedures provided in the Napavine Municipal Code, to revoke land use approval for noncompliance with the requirements of this title or conditions of approval listed in the final decision approving the conditional or nonconforming use or development.
- D. Decisions may be appealed consistent with the provisions of CMC 17.09.160, Appeals. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.190 Variances.

This section shall govern the issuance of variances for certain provisions of this chapter.

- A. A variance may be granted to the density, dimension, height, setback and development standards; provided, that all other provisions of this chapter can be met.
- B. Under no circumstances shall the city grant a variance to allow a use not permissible under the terms of this title in the zoning district involved, or any use expressly or by implication prohibited in the zoning district by the terms of this title.
- C. Variances may be approved by the city based on a finding that such variance will not be contrary to the public interest and the comprehensive plan or where literal enforcement of the provisions of this chapter would result in undue hardship. A variance shall not be granted unless the city further finds that the applicant has demonstrated all of the following:
 - 1. That special circumstances applicable to the subject property, including size, shape, topography, location or surroundings, do exist; and
 - 2. That because of such special circumstances, strict application of this chapter would deprive the subject property of rights and privileges enjoyed by other properties in the vicinity under identical zoning district classification; and
 - 3. That the granting of the variance will not be materially detrimental to the public welfare or injurious to the property or improvements in the vicinity and zoning district classification in which the property is situated; and
 - 4. That the special circumstances do not result from the actions of the applicant; and
 - 5. That the granting of a variance will be in harmony with the general purpose and intent of this title, the specific zoning district, and the comprehensive plan. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.195 Binding site plans.

- A. Type of Application. General and final binding site plans are Type III applications; such applications shall be processed in accordance with procedures set forth in this chapter. This process does not apply to binding site plans approved before December 31, 2020.
- B. Purpose. This chapter provides for an optional method for the division for lease or sale of commercial or industrial property, condominiums and tiny home parks and/or mobile home parks through the use of a binding site plan as provided for in Chapter 58.17 RCW. This method may be employed as an alternative to the subdivision and short subdivision procedures in this title when consistent with this chapter. The overall process for approving a binding site plan is a two-step process in which general binding site plan approval is obtained first, and specific binding site plan approval is obtained second.
- C. Requirements for a Complete Application. These requirements are in addition to the minimum application requirements in CMC 17.12.300.
 - 1. General Binding Site Plan.
 - a. The application submittal requirements of this chapter;
 - b. A copy of the site plan as approved by the city through the grading or building permit, planned unit development or other development application process;
 - c. A copy of any existing, recorded or proposed covenants, conditions and restrictions, property owners' association bylaws and incorporation documents, and all other private restrictions or provisions currently applicable or which may become applicable to the subject property;
 - d. If an existing residential development, evidence of the vote or appropriate association approval authorizing the submittal of the application;
 - e. A copy of a title company certification (current within 60 days from filing of the binding site plan) confirming that the title of the lands as described and shown on the binding site plan is in the name of the owner(s) signing the binding site plan; and
 - f. The number of copies as directed by the city.
 - 2. Final Binding Site Plan.
 - a. The number of copies as directed by the city;
 - b. Required information as set forth in this chapter and CMC 17.12.300;
 - c. Approved plans and documents from the applicable general binding site plan;
 - d. A statement indicating that all development on the subject parcel is bound to the binding site plan; and
 - e. Reference by recording number to the covenants, conditions and restrictions and property owners' association incorporation documents applicable to the property.
- D. Scope Property Allowed to Use the Binding Site Plan Process.
 - 1. The division of property by binding site plan is limited to the following:
 - a. Divisions of land into lots with a zoning classification allowing industrial or commercial uses;
 - b. A division for the purpose of lease when no residential structures other than manufactured/mobile homes or travel trailers are permitted to be placed upon the land, provided the site plan complies with all applicable manufactured/mobile home park regulations and the zoning code;

- c. A division made for the purpose of alteration by adjusting boundary lines, between platted or unplatted lots or both, which does not create any additional lot, tract, parcel, site, or division nor create any lot which contains insufficient area and dimension to meet the minimum requirements for lot circle and lot area as determined by the underlying zoning classification; and
- d. A division of land subject to Chapters 64.32 and 64.34 RCW as now in effect or hereafter amended so long as the site plan complies with the standards for condominiums under applicable Napavine Municipal Code provisions.
- 2. Concurrent Applications. When an applicant wishes to utilize the binding site plan process, building permits and other permits may be applied for and reviewed consistent with this chapter.
- 3. Existing Development. Approved condominium developments, approved mobile home parks, approved final planned unit developments and approved building permits for any of the developments identified within this section which have been approved prior to the effective date of the ordinance codified in this chapter shall hereafter qualify as an approved general binding site plan. The division or redivision of land for sale or lease qualifying under this subsection may be achieved through either the specific binding site plan, subdivision or, if four or fewer lots, the short subdivision process.
- 4. Binding Site Plan Runs with the Land. After a general or specific binding site plan is filed with the auditor of the county in which the land lies, all persons, parties, their successors, heirs or assigns who own, have, or will have by virtue of purchase, inheritance or assignment, any interest in the real property of the subject site or portions thereof, shall be bound by the conditions and inscriptions attending the general/specific binding site plan.
- E. Procedure General Binding Site Plan.
 - 1. The general binding site plan shall be considered by the appropriate decision body as provided for within this chapter and CMC 17.12.300.
 - 2. Criteria for Review. The general binding site plan shall be reviewed for consistency with the Napavine comprehensive plan and with the applicable development regulations in the Napavine Municipal Code.
- F. Procedure Final Binding Site Plan.
 - 1. Filing Final Binding Site Plan. A final binding site plan shall be filed with the department of community development at such time as the property owner(s) intends to sell or lease a portion of property as approved in a general binding site plan.
 - 2. Limitations. The final binding site plan shall not be used to modify the provisions of the approved general binding site plan, building permit, final occupancy permit, or associated planned unit development other than to divide lots for sale or lease within areas designated for lot development in the general binding site plan.
 - 3. Review Procedures Final Binding Site Plan. The final binding site plan shall be reviewed for compliance with the conditions of the general binding site plan, building permit, applicable planned unit development conditions and all other applicable regulations in effect at the time of application.
 - 4. Approval and Recording. Upon determination of consistency, the final binding site plan shall be signed by the community development director and the public works director and filed with the county auditor of the county in which the property is located.
- G. Special Provisions Applicable to Condominium Developments Subject to Chapter 64.32 or 64.34 RCW. The following additional conditions shall be required:
 - 1. The improvements constructed or to be constructed thereon are required by the provisions of the binding site plan to be included in one or more condominiums or owned by an association or other legal entity in which the owners of units therein or their owners' associations have a membership or other legal or beneficial interest;

- 2. The city has approved a general binding site plan pursuant to this chapter and CMC 17.12.300 for the subject property;
- 3. All necessary documents are recorded with the county in which such land is located; and
- 4. The binding site plan contains the following statement on the face of the binding site plan:

All development and use of the land described herein shall be in accordance with this binding site plan, as it may be amended with the approval of the city, town, or county having jurisdiction over the development of such land, and in accordance with such other governmental permits, approvals, regulations, requirements, and restrictions that may be imposed upon such land and the development and use thereof. Upon completion, the improvements on the land shall be included in one or more condominiums or owned by an association or other legal entity in which the owners of units therein or their owners' associations have a membership or other legal or beneficial interest. This binding site plan shall be binding upon all now or hereafter having any interest in the land described herein. [RCW 58.17.040(7)(e)]

5. The general binding site plan for a condominium development shall be deemed approved if the subject property has received final approval of a preliminary subdivision, planned unit development, a building permit, or a final certificate of occupancy has been issued.

H. Modifications.

- 1. Binding Site Plan Modifications. Modifications to a binding site plan shall be processed in the same manner as the original binding site plan.
- 2. Information Waiver. The city manager or appointee may waive the submittal of required information for general and final binding site plans if the information is either recorded or recorded by reference with the auditor and is available in the city's file(s).
- 3. The city may rescind all or a portion of a general or final binding site plan upon the request of the owner or owners of a legal lot or lots subject to a recorded binding site plan; provided, that any portion of a binding site plan which is rescinded shall be considered to be one lot unless divided by an approved subdivision or short division.
- 4. Signatures of the owners of those portions of a binding site plan which are not proposed to be altered by an amendment or rescission are not required on the amended binding site plan or application for rescission. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.200 Planned unit developments.

The purpose of this chapter is to provide for public spaces, parks and trails consistent with the adopted community vision and plans, thereby creating an integrated system of linked local and regional trails, public rights-of-way and utility corridors for the use and enjoyment of all Napavine residents and the general public. PUDs are meant for lands of 10 acres or less and will obtain full build-out within 10 years. Lands over 10 acres or developments that will take more than 10 years for full build-out must follow the master planned development code. The purpose of the planned unit development (PUD) approval process is to allow flexibility in site planning, building design, open space, parks and trails, circulation facilities and other features, while providing for the orderly development of the city consistent with the Napavine comprehensive plan and the following objectives:

- A. Allow for planned development equal to or superior to traditional lot-by-lot subdivisions by providing for a mixture of single-family or multifamily residential buildings, including but not limited to single-family homes, townhouses and condominiums in one development that are architecturally and spatially compatible;
- B. Promote flexibility, variety and innovation in site and building design subject to provisions of this chapter. Buildings in groups shall be related by common materials and roof styles, but contrast shall be provided throughout the site by the use of varied materials, architectural detailing, building scale and orientation;

- C. Encourage efficient street design, utility systems and public services and uses of land that could include development clustering;
- D. Provide and ensure preservation and enhancement of usable open spaces, parks and trails;
- E. Ensure that pedestrian and vehicular circulation facilities, parking facilities and other pertinent amenities are an integral part of the landscape and provide a safe integration of pedestrian, bicycle and vehicular traffic;
- F. Ensure that recreational areas (active and passive) generally are dispersed throughout the development and easily accessible from all dwelling units;
- G. Preserve and enhance natural vegetation and natural landscape features of the site; avoid development on steep slopes, wetlands and riparian areas; and protect and enhance critical fish and wildlife habitat areas, pursuant to CMC Title 17. Division III. Environmental Districts:
- H. Maintain surface water and groundwater quality through employment of best management practices and recent science in planning and designing storm water drainage systems that are uniquely adapted to the site and the affected environment:
- I. Provide for a multi-modal transportation system;
- J. Provide for the transition of new developments into the existing community through innovative design, screening, buffering, building setbacks and other measures to assure compatibility with existing zoning and plan districts, and adjacent existing neighborhoods.
- K. PUDs must be approved in conjunction with a site plan review and/or subdivision, whichever is applicable and as a Type 3 review. PUD approval involving uses that are not permitted outright or conditionally in the underlying zone are purely discretionary. Such uses must be approved by the hearing examiner through the conditional use permit process with a positive recommendation from the DRC and adoption of a finding that the proposal is consistent with the policies and procedures of the Napavine comprehensive plan. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.210 Rezones, zoning regulations and comprehensive plan amendments.

A. Purpose. The comprehensive plan is a document which guides the nature and intensity of the development in the city. An amendment to the plan is a mechanism by which the city may modify its land use, development or growth policies in order to respond to changing circumstances or needs of the city. Therefore, the purpose of this section is to provide guidance as to how the comprehensive plan of the city of Napavine will be updated and amended over time. Amendments to the plan may involve changes in the written text or in the map designation adopted as part of the plan, or to supporting documents, including capital facilities plans. This section states the specific procedures and review criteria necessary to process comprehensive plan amendments. Plan amendments will be reviewed in accordance with the state Growth Management Act (GMA), the countywide planning policies, applicable capital facility plans, other pertinent city plans, official population growth forecasts and key growth indicators.

Additionally, many rezone requests and changes to the zoning regulations require an underlying change to the comprehensive plan. As such they should be processed together whenever possible. If there are no necessary changes to the comprehensive plan required to affect the requested rezone or zoning regulations, the application shall be processed as a Type 4 review.

B. Who May Initiate.

- 1. The city council or the planning commission may initiate consideration of an amendment to the comprehensive plan. An affirmative vote of not less than a majority of the total members of the council is required to initiate consideration of an amendment.
- 2. A resident or a property owner may apply for an amendment to the comprehensive plan in conformance with this section.
- C. Time to Initiate.

- 1. Subject to this subsection and subsection (D) of this section, the city council or the planning commission may initiate consideration of an amendment to the comprehensive plan at any time. A new element may be added to the comprehensive plan at any time.
- 2. Subject to this subsection and subsection (D) of this section, a resident or property owner may apply for an amendment to the comprehensive plan between January 1st and March 1st. At any other time during the year, a resident or property owner may request that the planning commission or city council initiate consideration of an amendment to the comprehensive plan.
- 3. An amendment to the comprehensive plan may not be initiated by the planning commission or by a private party unless at least two years have elapsed since the adoption or review and reaffirmation of the element or subarea plan affected by the proposed amendment. In addition, at least three years must elapse between amendments to the land use designation of a property. These time limits do not apply if the applicant proves that there exists obvious technical error justifying the need for the amendment.
- 4. The planning commission may defer review of a proposed amendment if review of the affected subarea is scheduled or reasonably likely to occur within the calendar year the proposed amendment was requested.

D. Applicable Procedure.

- 1. General. Subject to subsection (B) of this section, the city will process an amendment to the comprehensive plan using the planning commission as an advisory body and the appropriate city staff to perform analysis of the application.
- 2. Notice of Receipt of Private Application. In addition to notice required under this chapater, the city shall provide the following public notice:
 - a. Content. The city shall prepare notice of the receipt of a private application for a comprehensive plan amendment containing the following:
 - i. The name of the applicant and, if applicable, the project name; and
 - ii. If the application involves specific property, the street address or tax account number used by the Lewis County assessor's office, and a description in nonlegal terms sufficient to identify its location; and
 - iii. If the application involves specific property, a vicinity map indicating the location of the subject property; and
 - iv. The citation of CMC 17.09.150, 17.09.160 and 17.09.170 outlining the decision process; and
 - v. A brief description of the action, permit or approval requested in the application; and
 - vi. A description of the upcoming geographic scope and public hearing process.
 - b. Time of Notice. The city shall provide notice of the receipt of a private application for a comprehensive plan amendment within 30 calendar days of receipt of that application.
 - c. Means of Notice. The city shall provide notice of the receipt of a private application for a comprehensive plan amendment by:
 - i. Publishing notice of receipt in a local newspaper; and
 - ii. Posting notice of the receipt of the application at each official posting place; and
 - iii. If the application involves specific property rather than an area-wide change, then the city must mail notice of the receipt of the application to each property owner within 200 feet or who has

requested such notice in writing for the calendar year and who has paid the fee established by the applicable city department.

- E. Determination of Geographic Scope of Proposal. Prior to providing public notice, the city shall establish the geographic scope of the proposed amendment.
- F. Expansion of the Geographic Scope of the Proposal.
 - 1. In order to allow for consideration of nearby property, similarly situated property or area-wide impacts, the city council or the planning commission may expand the geographic scope of a private initiated amendment.
 - 2. The city shall consider the following in deciding whether to expand the scope of the proposed amendment:
 - a. The effect of the proposed amendment on the adjoining areas of the city; and
 - b. The effect of the proposed amendment on the land use and circulation pattern of the city or subarea; and
 - c. The effect of the proposed amendment on the future development of the city or subarea.
 - 3. Notice. Within 30 calendar days of establishing the geographic scope of the proposal, the city shall provide notice of the proposed comprehensive plan amendment describing its geographic scope by:
 - a. Giving notice as described in CMC 17.09.100; and
 - b. Mailing notice of the proposed comprehensive plan amendment to each owner of real property within 200 feet of any boundary of the subject property and of any contiguous property in the applicant's ownership.
- G. Overall Method of Review. Proposed plan amendments that are submitted for review shall be subject to the applicable criteria of this chapter. The review shall be processed as outlined in CMC 17.09.150, 17.09.160 and 17.09.170. Applications for plan map amendments are generally processed in conjunction with concurrent rezone requests. Zoning map amendments must be to a zone corresponding to the requested comprehensive plan map designations. Concurrent zoning map amendments must meet all the approval criteria of this chapter and zone changes consistent with the comprehensive plan map shall be considered subject to the approval criteria for rezones.
- H. Application. The criteria and requirements of this chapter shall apply to all applications or proposals for changes to the comprehensive plan text, policies, map designations, zoning map or supporting documents. For the purposes of establishing review procedures, criteria and timelines, amendments shall be distinguished as follows:
 - 1. Comprehensive plan map changes involving urban growth area (UGA) boundary changes;
 - 2. Comprehensive plan map changes not involving changes to UGA boundaries;
 - 3. Comprehensive plan policy or text changes;
 - 4. Changes to other plan documents (such as capital facilities);
 - 5. Out-of-cycle amendments limited to the following:
 - a. Emergency;
 - b. Initial adoption of a subarea plan;
 - c. Adoption or amendment to a shoreline master program;
 - d. To resolve an appeal of the comprehensive plan filed with the Growth Management Hearings Board or from a court of competent jurisdiction.
- I. Plan Map Changes Procedure.

- 1. Application for all plan amendments shall be considered legislative actions, subject to the application review procedures outlined in CMC 17.09.150, 17.09.160 and 17.09.170.
- 2. Site-specific plan map amendments requested by private parties shall be considered legislative actions, subject to the application review procedures outlined in CMC 17.09.150, 17.09.160 and 17.09.170.
- J. Submittal Requirements.
 - 1. The city shall specify the submittal requirements, including type, detail and number of copies, for a comprehensive plan amendment application to be deemed complete and accepted for filing.
 - 2. The city may waive specific submittal requirements determined to be unnecessary for review of application.
- K. Decision Criteria. The planning commission may recommend, and the city council may approve with modifications, an amendment to the plan if:
 - 1. There exists an obvious technical error in the pertinent comprehensive plan provision; or
 - 2. The applicant has carried the burden of proof and produced evidence sufficient to support the conclusion that the application merits approval or approval with modifications; and
 - 3. The amendment bears a substantial relation to public health, safety and welfare; and
 - 4. The amendment addresses changing circumstances or the needs of the city as a whole; and
 - 5. The amendment is compatible with the provisions of the comprehensive plan or other goals and policies of the city; and
 - 6. If applicable to an identified property, the amendment is compatible with adjacent land use and surrounding neighborhoods; and
 - 7. The amendment will not result in development which will adversely impact community facilities, including, but not limited to, utilities, transportation, parks or schools.
- L. Comprehensive Plan Review General Goals and Policies. The planning commission shall review and consider plan amendments to the goals and policies regularly at five-year intervals.
- M. Cumulative Impact. In reviewing all prospective comprehensive plan changes, the city of Napavine shall analyze and assess the following to the extent possible:
 - 1. The cumulative impacts of all plan map changes on the overall adopted plan, plan map and relevant implementing measures, and adopted environmental policies;
 - 2. The cumulative land use environmental impacts of all applications on the applicable local geographic area and adopted capital facilities plan;
 - 3. Where any adverse impacts are identified, the city may require mitigation. Conditions which assure that identified impacts are adequately mitigated may be proposed by the applicant, and if determined to be adequate, imposed by the city as part of the approval action.
- N. Public Hearing.
 - 1. Any person may participate in the public hearing on the rezone application by:
 - a. Submitting written comments on the application to the city prior to the public hearing; or
 - b. Submitting written comments or making oral comments to the planning commission at the public hearing.

- 2. The city shall transmit all written comments received prior to the public hearing to the planning commission no later than the date of that hearing.
- 3. The planning commission shall make an electronic sound recording of the hearing on the application and provide written minutes of that hearing.

O. Planning Commission Recommendation.

- 1. After the public hearing and any necessary public study sessions on the application, the planning commission shall either recommend approval, approval with modifications or denial of the application. The planning commission's recommendation shall be based on the criteria included in subsection (K) of this section.
- 2. The planning commission may recommend approval or approval with modifications only if the application or the application as modified complies with the applicable criteria of this chapter. In all other cases, the planning commission shall recommend denial of the application.
- 3. A vote to recommend approval or approval with modifications must be by a majority vote of the planning commission members present and voting. Any other vote constitutes a recommendation of denial of the application.
- 4. The planning commission's recommendation shall be transmitted to the city council for their action.

P. City Council Action.

- 1. Within 60 days of receipt of the recommendation from the planning commission, the city council shall consider the application at a public meeting. The following elements are to be considered in deciding upon the application:
 - a. The application; and
 - b. The minutes of any public hearing on the application and any written material submitted in accordance with this chapter; and
 - c. The city staff recommendation on the application; and
 - d. The recommendation of the planning commission; and
 - e. The recommendation of any other affected board or commission; and
 - f. Any comments on the application received at the public meeting or received by the city council; and
 - g. Any other relevant information.
- 2. The city council shall take one of the following actions:
 - a. Adopt an ordinance or resolution approving the proposal; or
 - b. Adopt an ordinance or resolution approving the proposal with modifications; or
 - c. Adopt a motion denying the proposal; or
 - d. Refer the proposal back to the planning commission for further proceedings, in which the council shall specify the time within which the planning commission shall report back to the city council with a recommendation on the proposal.
- 3. The city council shall adopt an ordinance or resolution which approves or approves with modifications the proposal by a majority of the membership of the council. Any other vote on the proposal constitutes a denial of the application.

- 4. The decision of the city council is the final decision of the city subject to the decision being appealed to superior court.
- 5. The applicant may commence activity or obtain other required approvals or permits seven calendar days following the effective date of the ordinance or resolution. Activity commenced prior to the expiration date of the full appeal period provided in this chapter is at the sole risk of the applicant.
- Q. Appeal of City Council Action to Superior Court. Any person adversely affected by the decision may appeal the decision of the city council. A person filing an appeal must make application to the superior court for a writ of certiorari, writ of prohibition or writ of mandamus. The decision of the city council must be appealed to superior court no more than 20 calendar days following the effective date of the city council decision on the application or is thereafter barred.
- R. Fees. Application fees for all plan amendments and zone changes shall be considered as follows:
 - 1. Fees for plan amendments and zone changes shall be noted in the city's fees and other charges resolution.
 - 2. If multiple similar applications are received in the same review period, the fees set in the city's fees and other charges resolution may be adjusted downward to reflect actual cost. [Ord. 1016B § 2 (Exh. A), 2021.]

17.09.215 Violations.

A. Failure of any person to comply with the procedural requirements of this chapter, or with any applicable provision identified herein, or with any condition or requirement of any development permit, license or approval, shall constitute a public nuisance, and shall be abated as provided in CMC 7.04.130.

B. Nothing herein shall preclude the city from initiating any other authorized action to correct any violation of this chapter, including, but not limited to, action authorized under the adopted uniform codes, and/or issuance of criminal citations. [Ord. 1016B § 2 (Exh. A), 2021.]

¹ Prior legislation: Ords. 720B, 766B, 767B, 806B and 810B.

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WATER CONNECTION FEES

Water system development fee.

A. The water system development fee herein imposed is a connection fee charged so that the property on which it is imposed will pay its equitable share or the cost of existing capital water facilities which are system-wide in nature and are not site specific, such as water line which serves the property in question directly and charged to any party or parties making a new connection to the city's domestic water system, wherein said party does not bring a developed source of domestic water sufficient to meet the demand placed upon the city's water system resulting from the connection. Water system development fees include the property's equitable share of costs required to upgrade the water system to meet demands imposed by the new connection, a share of the debt service incurred to construct the necessary general facilities of the system, to pay for each new connection's proportionate share of the costs of purchasing and developing a domestic water source to serve that connection.

- B. The water system development fee is hereby imposed as a connection charge pursuant to Chapters 35.92 and 82.02 RCW, and the Growth Management Act on all premises which have not yet connected to the city water system or which have not paid their equitable share of the cost of the existing system. The water system development fee shall be paid in full prior to the time a building permit is issued by the city, or prior to the time the water usage to the property is expanded.
- C. The water system development fee for a single-family residential unit and each dwelling unit of a duplex inside the city limits shall be as set by city council in the master fee schedule. The water system development fee for a single-family residential unit and each dwelling unit of a duplex outside the city limits shall be as set by city council in the master fee schedule. The water system development fee shall be as set by city council in the master fee schedule for parties that provide a separate irrigation system that does not rely on city potable water for irrigation purposes. Prior to approval of the construction plans for a preliminary plat, or approval of a short plat or binding site plan, the owner and/or developer shall pay the water system development fee as set by city council in the master fee schedule for each proposed lot.
- D. The water system development fee for all other users not listed in subsection C of this section shall be based on the size of the water meter service as set by city council in the master fee schedule.
- E. The funds collected pursuant to this section, as water system development fees, shall be deposited in the cumulative reserve fund for water system development created by Chapter 3.40 WRMC and disbursed therefrom shall be made only for the purpose of paying for capital improvements to the city water system which are system-wide in nature and are necessitated by and related to additional demands placed on the water system by new connections, said expenditures to pay for the new source of domestic water for the city, including the cost of financing the water right, well, wellhead protection zone, easements, infrastructure necessary to bring the water to the city's water system, facilities improvements, engineering costs and costs for the preparation of plans and studies related to improvement of the water system and the acquisition of real property for the purpose of facility Improvements and matching of federal and state grants for any of the foregoing.