



Town of Rome
Nekoosa, WI 54457
www.romewi.gov

AGENDA TOWN OF ROME PUBLIC WORKS & UTILITY COMMITTEE

TUESDAY, JULY 28, 2026

9:00 A.M.

**ROME TOWN HALL
1156 Alpine Drive
Nekoosa, WI 54457**

1. Call to Order
2. Discussion and possible action – Appointment of Officers
 - Chairperson
 - Vice-Chairperson
3. Roll Call
4. Pledge of Allegiance
5. Certify Posting of Meeting
6. Approve the Agenda
7. Citizen Comments – During the Citizen Comment period of the agenda the Utilities Committee welcomes comments from any town resident, not a member of the Utilities Committee, on any item not on the agenda. Please know that pursuant to state law the commission cannot engage in conversation with you but may ask questions. The commission may refer the item to staff, a standing committee or a future board agenda for discussion and action. Each person wishing to speak will have up to 3 minutes to speak. Speakers are asked to submit a card to the Rome Water Utility Office Manager providing their name, address and topic for discussion.

The commission will also take comment from the public on agenda items as called by the Chair, but not during Citizen Comment. Please note that once the commission begins discussion on an agenda item no further comment will be allowed from the public on that issue

NO ACTION CONTEMPLATED EXCEPT POSSIBLE REFERRAL TO FUTURE AGENDA:

8. Information updates, meeting recaps, recent correspondence, and current events

DISCUSSION AND POSSIBLE ACTION ON THE FOLLOWING ITEMS:

9. Discussion and possible action – Approval of the May 12, 2026 meeting minutes
10. Discussion only – Review June 2026 Public Works Dyracuse Financials & Water Utility Financials
11. Discussion only – Water Utility & Public Works Update

12. Discussion and possible action – Recommendation to the Town Board; Town Hall Kitchen Renovation/Design
13. Discussion and possible action – Dyracuse Camping
14. Discussion and possible action – Emergency Warning System through cell phones
15. Discussion and possible action – Cellular Towers

DATES AND ITEMS FOR FUTURE AGENDA/MEETINGS

16. Next agenda items
17. Next meeting date and time

ADJOURNMENT

“Speak Your Peace” Commitment – A reminder that the Town Board Members have adopted the Nine Tools of Civility which commits the Board Members and Public to be mindful of how we treat each other at meetings. Notification of this meeting has been posted in accordance with the Open Meeting Laws of the State of Wisconsin. The Public Works & Utilities Committee may take action on any item on the agenda. It is possible that the members of and possibly a quorum of members of other governmental bodies of the municipality may be in attendance at the above-stated meeting to gather information; no action will be taken by any governmental body at the above-stated meeting other than the Public Works & Utilities Committee. Please note that, upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. For additional information or to request this service, contact Wendy Newsom, Town Clerk, at 1156 Alpine Drive, Nekoosa, WI 54457, ph. 715-325-8046.

***Positively applying the tools of government to serve and protect our people,
strengthen our community and promote prosperity.***



Town of Rome
Nekoosa, WI 54457
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TOWN OF ROME PUBLIC WORKS & UTILITY COMMITTEE MINUTES

TUESDAY, MAY 12, 2026

9:00 A.M.

1. Call to Order

Chairman David Loker called the meeting to order at 9:00 a.m.

2. Roll Call

Committee Members Present: David Loker, Deborah Schumacher and Colleen Pruss; also, present Finance Director/Treasurer Robbie Schaub-Ruemler, Public Works Director Cody Knoblock, Zoning Administrator Emily Arndt and Administrative Assistant Jen Gutknecht. Absent: Carl Hasdal

3. Pledge of Allegiance

4. Certify Posting of Meeting

Jen Gutknecht certified that on Friday, May 8, 2026, the agenda for the Town of Rome Public Works & Utility Committee meeting for Tuesday, May 12, 2026 was posted at:

<i>Rome Town Hall</i>	<i>10:35 a.m.</i>
<i>Kwik Trip, LLC</i>	<i>10:45 a.m.</i>
<i>Nekoosa Port Edwards State Bank</i>	<i>10:50 a.m.</i>
<i>Posted on the Town of Rome website</i>	<i>10:30 a.m.</i>
<i>Emailed to the Wisconsin Rapids Tribune</i>	<i>10:30 a.m.</i>

5. Approve the Agenda

Motion by Loker/Schumacher to approve the agenda as presented. Motion carried.

6. Citizen Comments – During the Citizen Comment period of the agenda the Utilities Committee welcomes comments from any town resident, not a member of the Utilities Committee, on any item not on the agenda. Please know that pursuant to state law the commission cannot engage in conversation with you but may ask questions. The commission may refer the item to staff, a standing committee or a future board agenda for discussion and action. Each person wishing to speak will have up to 3 minutes to speak. Speakers are asked to submit a card to the Rome Water Utility Office Manager providing their name, address and topic for discussion.

The commission will also take comment from the public on agenda items as called by the Chair, but not during Citizen Comment. Please note that once the commission begins discussion on an agenda item no further comment will be allowed from the public on that issue

No Citizen Comments

NO ACTION CONTEMPLATED EXCEPT POSSIBLE REFERRAL TO FUTURE AGENDA:

7. Information updates, meeting recaps, recent correspondence, and current events

Chairman David Loker has applied to continue serving as the Public Works and Utility Committee Chairman, as his term expired on May 1, 2026. Committee will vote on Chairperson and Vice Chairperson at the next meeting.

DISCUSSION AND POSSIBLE ACTION ON THE FOLLOWING ITEMS:

8. Discussion and possible action – Approve March 17, 2026 meeting minutes

Motion made by Loker/Schumacher to approve the March 17, 2026 meeting minutes. Motion carried.

9. Discussion only – Review March 2026 Public Works Cemetery Financials & Water Utility Financials

Discussion regarding the Cemetery budget. Chairman David Loker asked what the utility fees include. Public Works Director, Cody Knoblock, stated that they cover electricity. It was also noted that perpetual care fees include landscaping, such as trimming and mowing. Public Works Director Knoblock confirmed that his department processes all cemetery plot purchases. One plot is \$500 for a resident, with an additional \$125 for perpetual care. The Town of Rome has two cemeteries to care for and maintain.

Finance/Director Robbie Schaub-Ruemler gave an update on the financials for the Water Utility and that the budget is on track.

10. Discussion only – Water Utility & Public Works Update

Discussion regarding the condition of the Town's water utility buildings. The Town of Rome maintains three utility buildings. The tower appears to be in good condition, so repainting is not necessary at this time. The plan is to reallocate those funds toward other building-maintenance needs.

Public Works Director, Cody Knoblock, reported that staff have been patching and applying mastic to areas where the roads were damaged. He noted that they have also been repairing road right-of-way's affected by plow dig-ins from the last major storm.

Knoblock added that in July the department will complete the required annual backflow pre-testing. He informed the Committee that the splash pad is due for testing next week and that water flushing in April was completed with no issues. There was a water main brake on Apache a few weeks ago which was a very high-water table and has been repaired by staff.

Knoblock informed the Committee that he is working on bids for repairing the roofs at the Water Utility and that he was also getting additional road bids as he came under budget for the road maintenance budgeted for and will look at completing additional road work this year.

11. Discussion and possible action – Town Hall Kitchen Renovation Update

Knoblock presented drawings for the Kitchen Renovation Project.

Pruss asked for confirmation that someone on the board requested this renovation update and was informed yes by Schaub-Ruemler. Discussion by Committee members of wants and needs. When plans are finalized, they will be brought back to the Committee for approval to the Town Board.

12. Discussion only – Dyracuse Camping

Discussion regarding camping at Dyracuse. Public Works director, Cody Knoblock, confirmed we do have enough space for a camping area. This area would have to be closed off from the track with fencing. This idea would require additional staff to mandate ordinances and other rules that would apply in this camping area.

Discussion regarding dumping station, shower facilities and bathroom for the campers. Its agreed camping would only be weekends. DNR would have to approve grounds if possible.

Tabled to next agenda.

13. Discussion and possible action – Emergency Warning System through cell phones

Members agreed to move this item to the next agenda since Committee Member Carl Hasdal is absent today.

Tabled to next agenda.

14. Discussion and possible action – Cellular Tower

Discussion in regards to cellular towers. Zoning Administrator Emily Arndt reached out to Vertical Bridge to ask whether they are willing to bring towers to the Town of Rome. She has not received a response yet, as the contact is currently out of the office.

Table to next agenda.

15. Discussion and possible action – Shredding Event

Discussion regarding the Shredding Event scheduled for June 13, 2026. Schumacher reached out to three companies, Shred-It, IROW, and Express Recycling, to obtain quotes. Either the companies were unavailable on June 13 or they do not offer Saturday service for events. Committee members agreed to table this indefinitely.

DATES AND ITEMS FOR FUTURE AGENDA/MEETINGS

16. Next agenda items

- Water Utility & Public Works Update
- Nominations for New Chair and Vice Chair
- Town Hall Kitchen Renovation Update
- Dyracuse Camping
- Emergency warning system through cell tower
- Cellular Tower

17. Next meeting date and time

Tuesday, July 28, 2026 - 9:00 a.m.

ADJOURNMENT

Motion by Loker/Schumacher to adjourn. Motion carried. Adjourned at 9:58 a.m.

Respectfully submitted,

Jen Gutknecht

Jen Gutknecht

Town of Rome Administrative Assistant

Account Number		2026 June	2026 Actual 06/30/2026	2026 Budget	Budget Status	% of Budget
100-06-40000-000-000	DYRACUSE PRIOR YR REVENUE	0.00	0.00	298,097.96	-298,097.96	0.00
100-06-43571-000-000	PARK STATE GRANT	0.00	93,222.96	89,782.15	3,440.81	103.83
100-06-46720-000-000	PARK USER FEES	20,530.00	69,799.50	150,000.00	-80,200.50	46.53
100-06-48500-000-000	PARK DONATIONS-DYRACUSE	0.00	0.00	500.00	-500.00	0.00
06 DYRACUSE-REV		20,530.00	163,022.46	538,380.11	-375,357.65	30.28
Total Revenues		20,530.00	163,022.46	538,380.11	-375,357.65	30.28

Account Number		2026 June	2026 Actual 06/30/2026	2026 Budget	Budget Status	% of Budget
100-06-51938-000-000	PARK DYRACUSE INSURANCE	480.66	931.18	2,500.00	1,568.82	37.25
100-06-55200-110-100	PARK FULL TIME WAGES	1,222.53	8,085.99	13,657.16	5,571.17	59.21
100-06-55200-110-200	PARK PT WAGES	5,152.39	12,120.53	61,285.30	49,164.77	19.78
100-06-55200-120-000	PARK FICA/MED	481.40	1,509.26	5,732.41	4,223.15	26.33
100-06-55200-120-100	PARK HEALTH	276.06	3,535.91	16,752.79	13,216.88	21.11
100-06-55200-120-200	PARK RETIREMENT	103.20	597.36	3,187.32	2,589.96	18.74
100-06-55200-120-300	PARK LIFE	5.49	10.65	56.90	46.25	18.72
100-06-55200-120-400	PARK UNEMPLOYMENT	0.00	0.00	2,000.00	2,000.00	0.00
100-06-55200-140-000	PARK OPERATIONS-DYRACUSE	3,886.51	14,084.24	43,050.00	28,965.76	32.72
100-06-55200-170-000	PARK UTILITIES-DYRACUSE	387.42	2,683.83	4,200.00	1,516.17	63.90
100-06-57620-000-000	PARK OUTLAY-DYRACUSE	0.00	0.00	385,958.23	385,958.23	0.00
06 DYRACUSE-EXP		11,995.66	43,558.95	538,380.11	494,821.16	8.09
Total Expenses		11,995.66	43,558.95	538,380.11	494,821.16	8.09
Net Totals		8,534.34	119,463.51	0.00	-119,463.51	

Rome Water Utility Actual to Budget Comparison - Revenue and Expenses 2026

	Jun-26	2026 YTD	2025 YTD	2026 BUDGET	TOTAL YEAR BUDGET TO 2026 YTD	YTD Bud % <u>50%</u> 2025 YTD %	Ref
REVENUES							
Residential Sales	\$ 165,690	\$ 308,669	\$ 308,381	\$ 682,490	\$ (373,821)	45%	
Commercial/Pub. Auth Sales	9,844	13,865	13,153	82,931	(69,066)	17%	
Public Fire Protection	21,944	297,757	296,290	345,943	(48,186)	86%	
Interest Income	52	1,774	1,126	4,000	(2,226)	44%	
Misc Revenue/Late Fees	(157)	5,053	4,025	15,000	(9,947)	34%	
Non Operating Revenue	3,229	3,501	14,338	35,000	(31,499)	10%	
TOTAL SALES, REVENUE & INCOME	\$ 200,601	\$ 630,618	\$ 637,313	\$ 1,165,367	\$ (534,746)	54%	
Funds Reserved					-		
RESERVE							
TOTAL REVENUES	\$ 200,601	\$ 630,618	\$ 637,313	\$ 1,165,367	\$ (534,746)	54%	
Commissioner Wages	\$ -	\$ 96	\$ -	\$ 900	\$ 804	11%	
Personnel Wages	10,019	65,582	66,006	142,243	76,661	46%	
Employee Insurance/HSA	3,647	46,301	24,444	69,932	23,631	66%	1
Training and Education	220	390	1,803	3,500	3,110	11%	
Payroll Taxes	530	3,131	2,177	9,812	6,681	32%	
Fringe-Retirement	709	4,551	3,967	9,235	4,684	49%	
Utilities	1,009	11,166	9,681	33,000	21,834	34%	
Plant Expense	132	5,878	8,332	42,000	36,122	14%	
Transportation Expense	-	713	2,508	15,000	14,287	5%	
Lg Equipment & Plant Repairs	-	941	1,332	14,000	13,059	7%	
Water Line Repair/Maint.	908	1,424	916	30,000	28,576	5%	
Cross Connection Control	-	-	-	2,500	2,500	0%	
Meter Expense	620	2,069	717	7,500	5,431	28%	
Office Expense	114	10,239	3,007	21,253	11,014	48%	
Accounting Fees	850	8,443	12,890	27,000	18,558	31%	
Bank Charges	-	39	473	2,000	1,962	2%	
Attorney Fees	-	-	-	500	500	0%	
Outside Services	-	948	3,546	12,100	11,152	8%	
Contract Work- Jobbing	-	-	9,791	20,000	20,000	0%	
Insurance Expense	-	4,689	4,719	18,500	13,811	25%	
Bad Debt Expense	-	-	-	500	500	0%	
Payment in Lieu	37,396	37,396	22,624	125,300	87,904	30%	
Interest Expense	-	-	31,037	10,163	10,163	0%	
TOTAL EXPENSES	56,155	203,994	209,969	726,938	522,944	28%	
SUBTOTAL REVENUE OVER (UNDER) EXPENSES	144,447	426,623	427,343	319,664	(11,803)		
Depreciation Expense	20,000	120,000	120,000	-	-	0%	
Bank Loan	-	-	-	-	-	0%	
Revenue Bond Amortization	-	-	-	-	-	0%	
SDWLP-Prinipal	-	-	-	319,664	319,664	0%	
Revenue Bond-Principal	-	-	-	-	-	0%	
Reserves/Capital Exp.	-	-	-	110,000	110,000	0%	
OTHER NON-CASH USE	\$ 20,000	\$ 120,000	\$ 547,343	\$ 429,664	\$ 429,664	28%	
TOTAL REVENUE OVER (UNDER) EXPENSES	\$ 124,446	\$ 306,624	\$ 307,344	\$ (110,000)	\$ 417,862		

Rome Water Utility Actual to Budget Comments

1. Health Savings Payments made; account will balance out throughout the year

Commercial Interior Alteration for
Town of Rome

PARCEL ID: 030006500000
1156 Alpine Drive, Nekoosa, WI 54457

- SHEET NOTES:
- 1. HVAC SYSTEM SHALL BE DESIGNED, SUBMITTED, AND INSTALLED BY SUBCONTRACTOR.
 - 2. PLUMBING SYSTEM SHALL BE DESIGNED, SUBMITTED, AND INSTALLED BY SUBCONTRACTOR.

CODE DATA

Governing Code

Wisconsin Enrolled, 2021 International Building Code

Occupancy Classification - 303

Assembly, A2.

Type of Construction - TABLE 601

TYPE 5 B.

Allowable Height - TABLE 504.4

Assembly A2, 5B Constr, Sprinkled, Allows 1 Story

Allowable Area - TABLE 506.2

Assembly A2, 5B Constr, Sprinkled, Allows 24,000 sf

Actual Building Area

8,000 SF Proposed New Building

Occupant Capacity - TABLE 1004.5

Mercantile, M - 3,215 sf Occupied Area
3,215 / 60 sf per Person = 54

Required Exit Width - 1005.3.1 & 1005.3.2

STAIRS = .30" PER OCC.
DOORS = .20" PER OCC. 108" PROVIDED, 108/54 =2.00"

Spaces with One Exit - 1006.2.1

Assembly A2, Maximum Common Path - 75 FT,

Exit Access Travel Distance - 1017.2

Assembly A2, With Sprinkler - 250 FT,

Sanitary Facilities - TABLE 2902.1

247 OCCUPANTS = 124 EACH SEX

REQUIRED

MEN			WOMEN			DRINKING FNTN.
TLT	URN	LAV	TLT	LAV		
1/75	50%	1/200	1/75	1/200		1/500
1	0	1	1	1		1

PROPOSED

MEN			WOMEN			DRINKING FNTN.
TLT	URN	LAV	TLT	LAV		
1	2	3	3	3		1

Design Loads - TABLE 1607.1 & 1608.2

SOIL BEARING CAPACITY	= 3,000 PSF PRESUMED
GROUND SNOW LOAD	= 40 PSF
ROOF DEAD LOAD	= 15 PSF
LATERAL LOAD (115 mph WIND)	= 24 PSF
UPLIFT AT CANOPY	= 30 PSF
FLOOR LIVE LOAD, MERCANTILE	= 50 PSF
MEZZANINE FLOOR LIVE LOAD	= 100 PSF IBC 1601.7 (32)
FLOOR LIVE LOAD, PASSAGE/EXIT	= 100 PSF



1

SITE PLAN

1" = 60'-0"

0' 30' 60' 120'

N

SHEET INDEX	
<u>TITLE</u>	
T100	SITE PLAN & SHEET INDEX
<u>ARCHITECTURE</u>	
A100	OVERALL BUILDING PLAN
A101	KITCHEN PLANS
A700	3D VIEWS
A701	3D VIEWS
<u>ELECTRICAL</u>	
E101	ELECTRICAL POWER & LIGHTING PLANS
<u>GENERAL</u>	
G101	SHEAR WALL DETAILS & FRAMING CONNECTIONS SCHEDULE
G102	SYMBOLS AND LEGENDS
G103	ACCESSIBILITY DETAILS
G104	ACCESSIBLE PARKING AND SIDEWALK DETAILS

A

ARC CENTRAL LLC

ARCHITECTURE, CONSTRUCTION
MANAGEMENT, INTERIOR DESIGN

715-572-2698
inquiry_arccentral@outlook.com

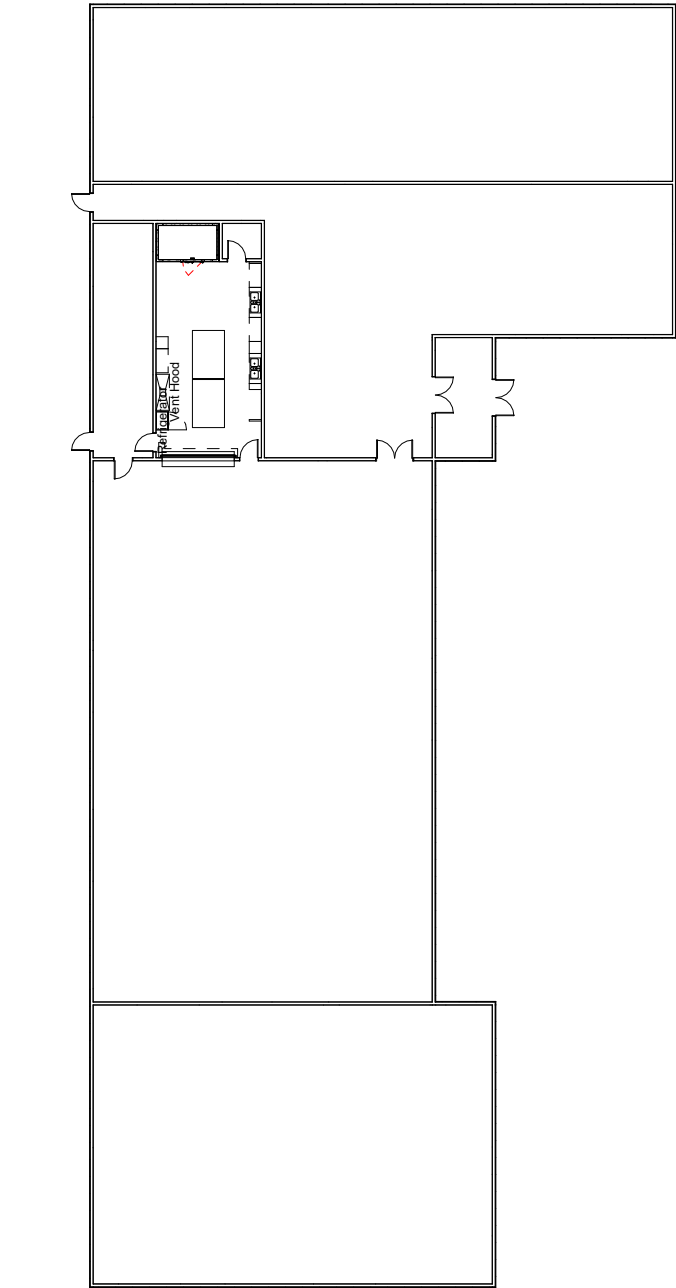
PROPOSED PLANS

FOR

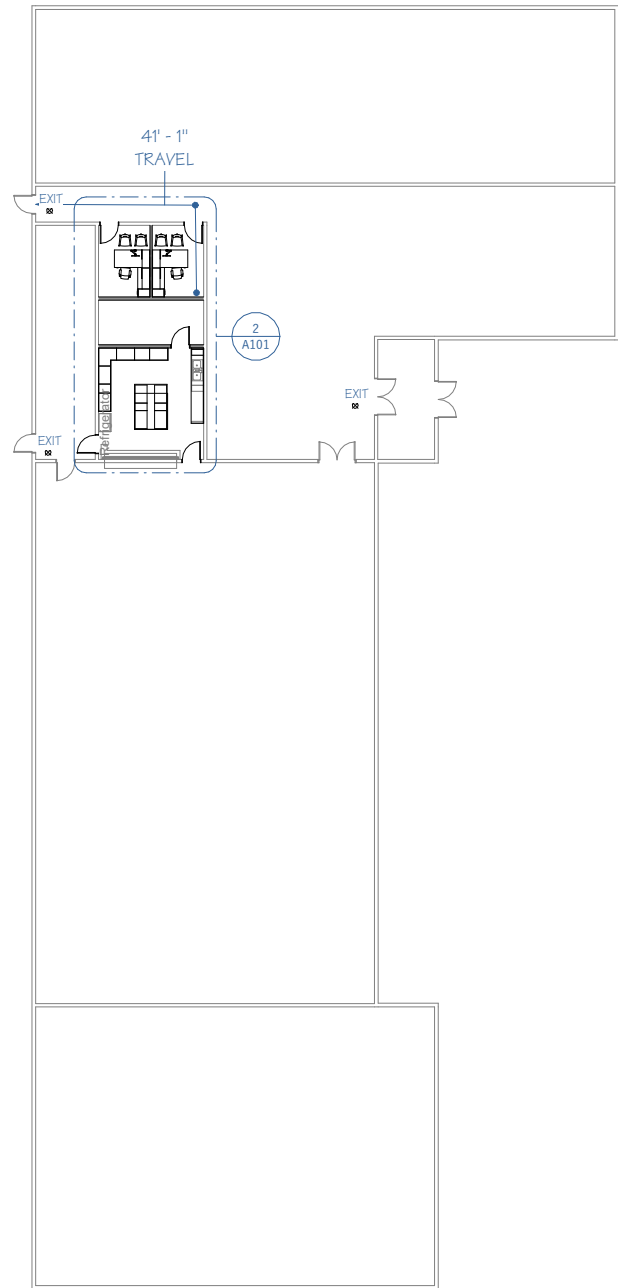
Town of Rome

1156 Alpine Drive, Nekoosa, WI 54457

REVISIONS	
05/27/26	Date
	Date
	Date
	Date
	Date
Prelim. Plan	Const. Docs
	Approval
	Revision 1
	Revision 2
DATE	
May 27, 2026	
PROJECT NO.	
26044	



1 EXISTING FIRST FLOOR
1/16" = 1'-0"



2 PROPOSED FIRST FLOOR
1/16" = 1'-0"

ALL DRAWINGS ARE TO THE SCALE SHOWN ON THE SHEETS. THEY ARE INTENDED TO BE PRINTED ON 24x36" SHEETS. IF THEY ARE PRINTED ON A DIFFERENT SIZE SHEET THE SCALE NEEDS TO BE ADJUSTED ACCORDINGLY.



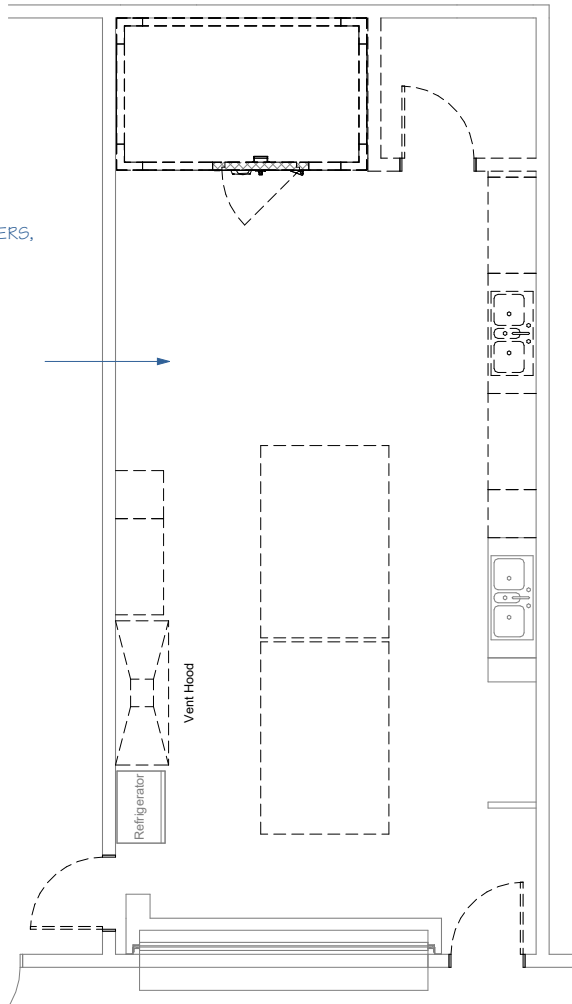
OVERALL BUILDING PLAN

PROPOSED PLANS
FOR
Town of Rome
1156 Alpine Drive, Nekoosa, WI
54457

REVISIONS				
	DATE	DATE	DATE	DATE
Prelim. Plan	05.27.26			
Const. Docs				
Approval				
Revision 1				
Revision 2				

SHEET NOTES:

1. REMOVE ALL EXISTING CABINETRY, COUNTERS, WALK-IN FRIDGE, & CLOSET
2. CAP PLUMBING AT SINK TO BE REMOVED.
3. SERVICE WINDOW TO REMAIN. REPLACE SERVICE COUNTER AT WINDOW.
4. REUSE EXISTING SINK
5. REUSE EXISTING FRIDGE
6. REPLACE DOORS GOING IN TO KITCHEN.



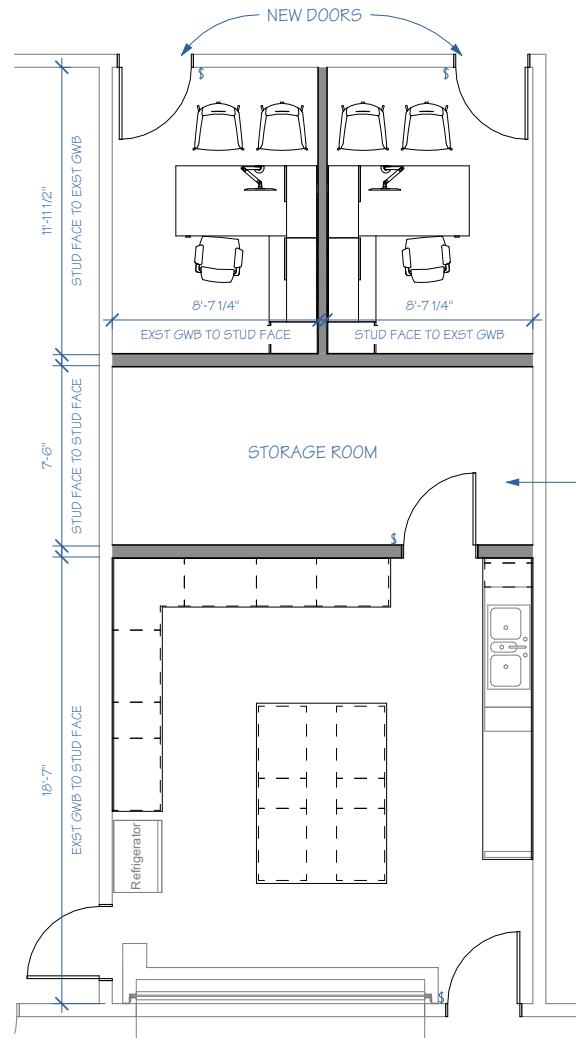
1 DEMO KITCHEN PLAN
1/4" = 1'-0"



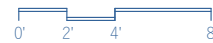
WALL KEY	
TO BE DEMOLISHED	
EXISTING PARTITION TO REMAIN	
NEW PARTITION	

SHEET NOTES:

1. DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD, UNLESS NOTED OTHERWISE



2 PROPOSED KITCHEN PLAN
1/4" = 1'-0"



SHEET NOTES:

1. LEVEL FLOORS AND INSTALL NEW FLOORING - CONFIRM WITH CLIENT WHETHER LVP OR TILE.
2. REPLACE DOORS
3. INSTALL SOLID SURFACE COUNTERTOPS
4. INSTALL BACKSPASH BEHIND DISH WASHING SINK.
5. REUSE EXISTING DISHWASHING SINK - INSTALL IN SAME LOCATION
6. INSTALL NEW ACT CEILING - CONFIRM WITH CLIENT IF THE WHOLE GRID WILL BE REPLACED OR IF CEILING TILES WILL BE REPLACED.
7. KITCHEN IS ONLY DESIGNED AS A WARMING KITCHEN. NO FOOD WILL BE PREPARED HERE. IT WILL BE PRIMARILY USED FOR INDIVIDUALS TO BRING CROCKPOTS AND ALREADY PREPARED FOODS.
8. NEW POWER PLAN - SEE SHEET E101



KITCHEN PLANS

PROPOSED PLANS
FOR
Town of Rome
1156 Alpine Drive, Nekoosa, WI
54457

REVISIONS

Date	Date	Date	Date
05.27.26			

Prelim. Plan	Const. Docs	Approval	Revision 1	Revision 2

DATE
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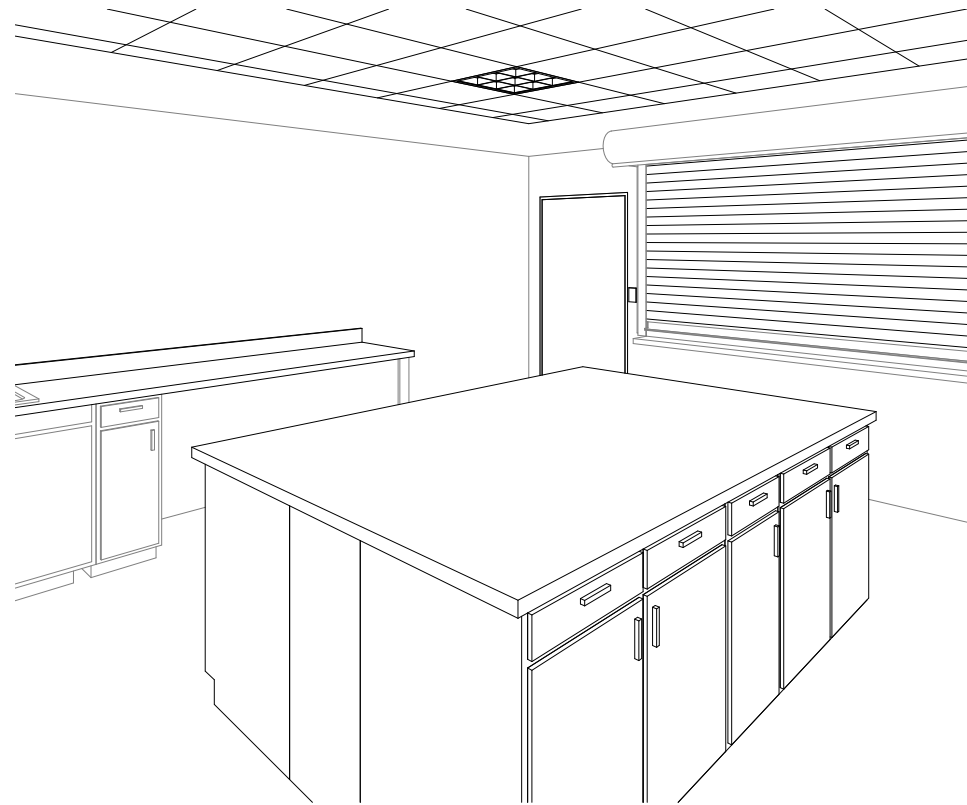
3D VIEWS

PROPOSED PLANS
FOR
Town of Rome
1156 Alpine Drive, Nekoosa, WI
54457

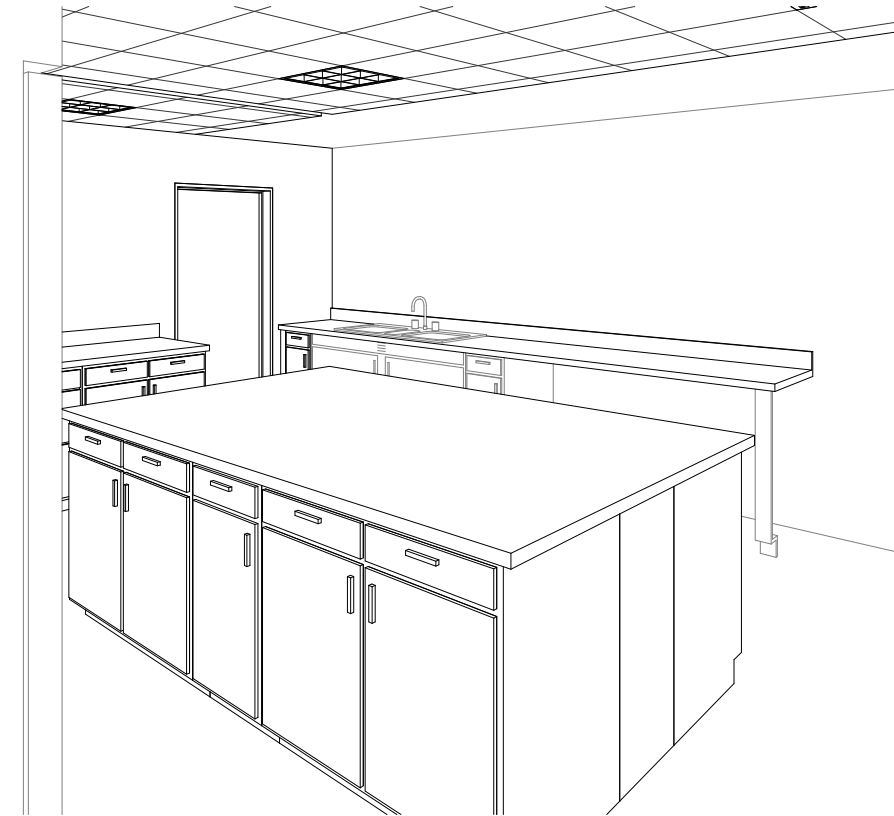
REVISIONS		Date	Date	Date	Date
Prelim. Plan	Const. Docs	05.27.26			
Approval	Revision 1				
Revision 2	Revision 2				
DATE		May 27, 2026			
PROJECT NO.		26044			

NOT FOR CONSTRUCTION
PRELIMINARY

A700



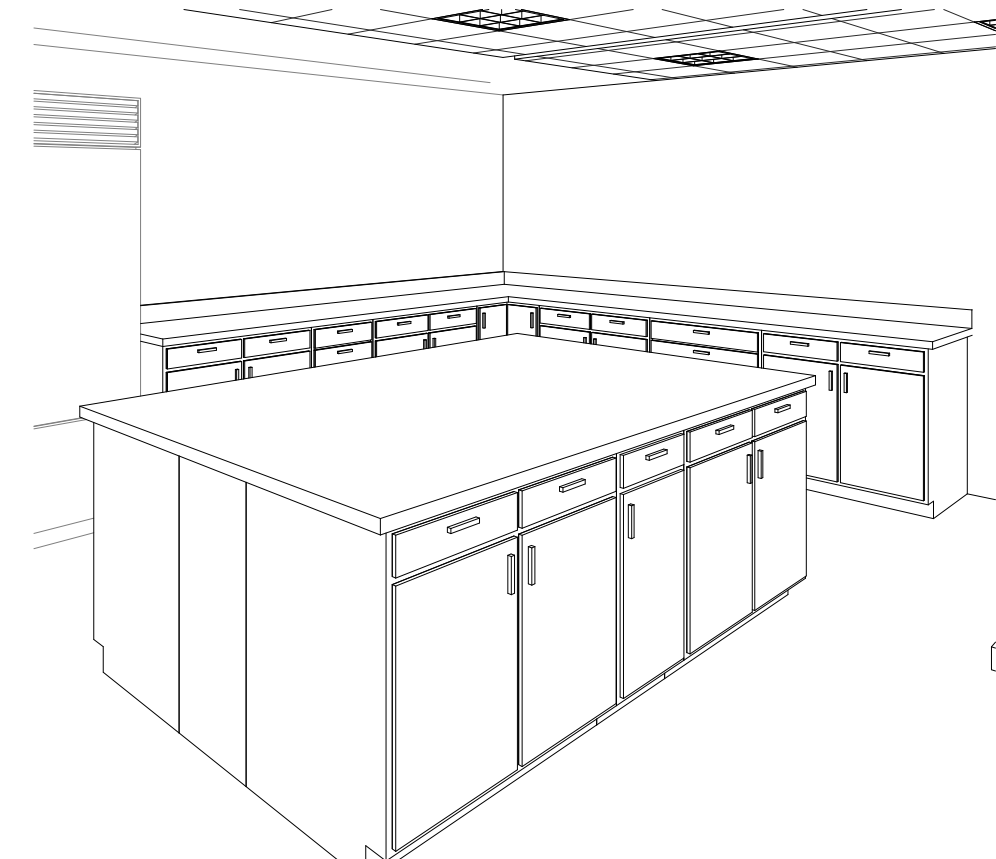
3 VIEW FROM NW CORNER



2 VIEW FROM AUDIO CLOSET

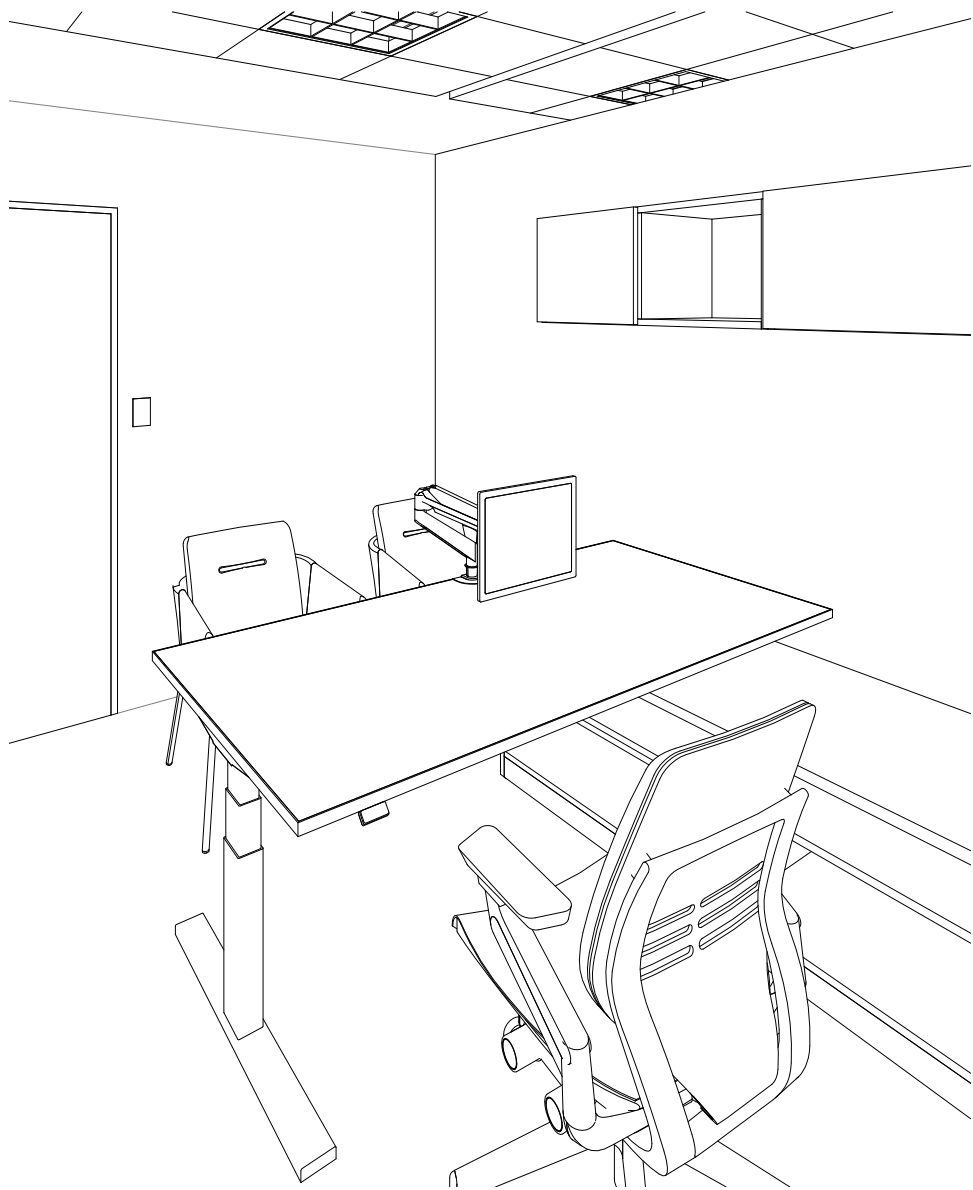


4 VIEW FROM STORAGE DOOR



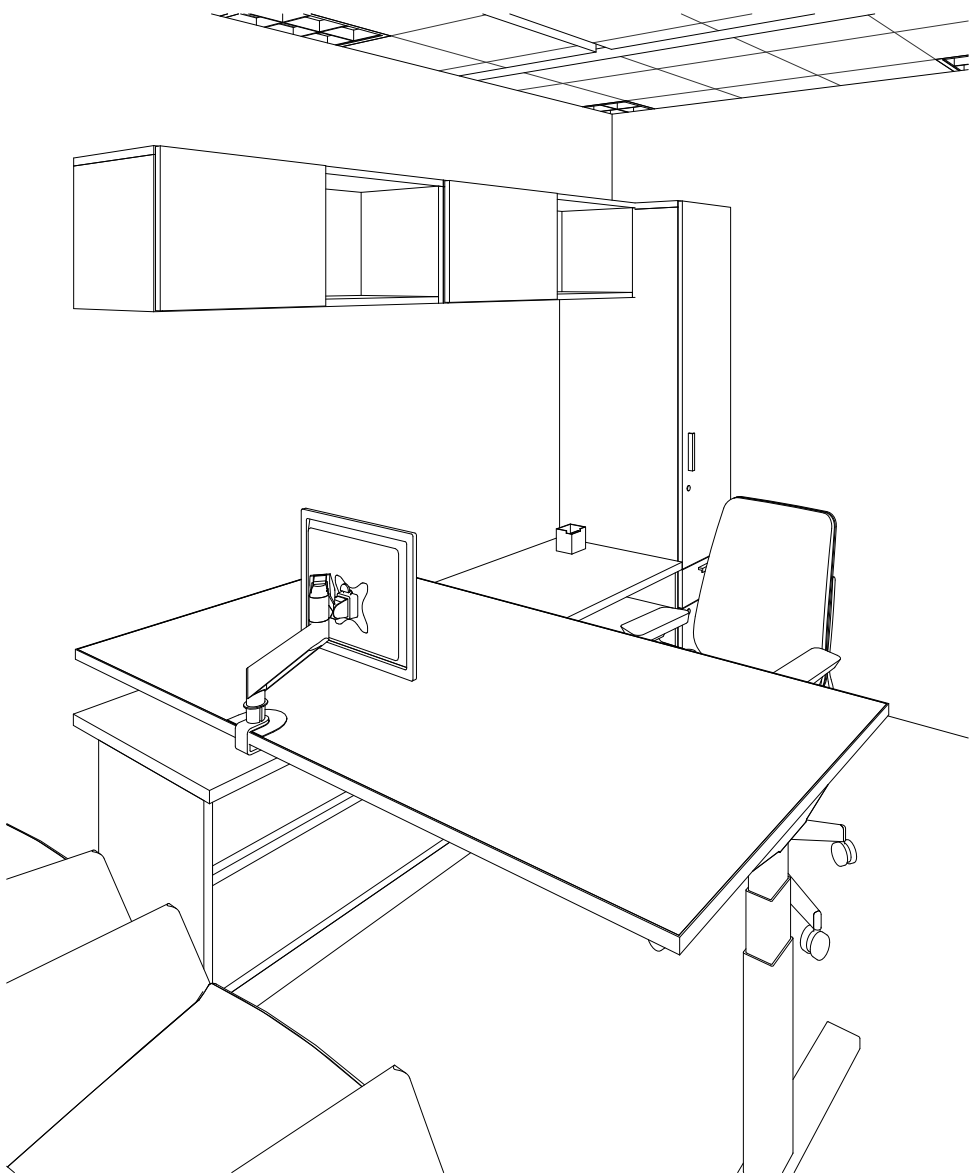
1 VIEW FROM ENTRY DOOR

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2

OFFICE 2



1

OFFICE 1

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NOT FOR CONSTRUCTION
PRELIMINARY

3D VIEWS

PROPOSED PLANS
FOR
Town of Rome
1156 Alpine Drive, Nekoosa, WI
54457

REVISIONS				
Prelim. Plan	Const. Docs	Approval	Revision 1	Revision 2
05.27.26	Date	Date	Date	Date
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ELECTRICAL POWER &
LIGHTING PLANS

PROPOSED PLANS
FOR
Town of Rome
1156 Alpine Drive, Nekoosa, WI
54457

REVISIONS

Date	Date	Date	Date
05.27.26			

Prelim. Plan	Const. Docs	Approval	Revision 1	Revision 2

DATE

May 27, 2026

PROJECT NO.

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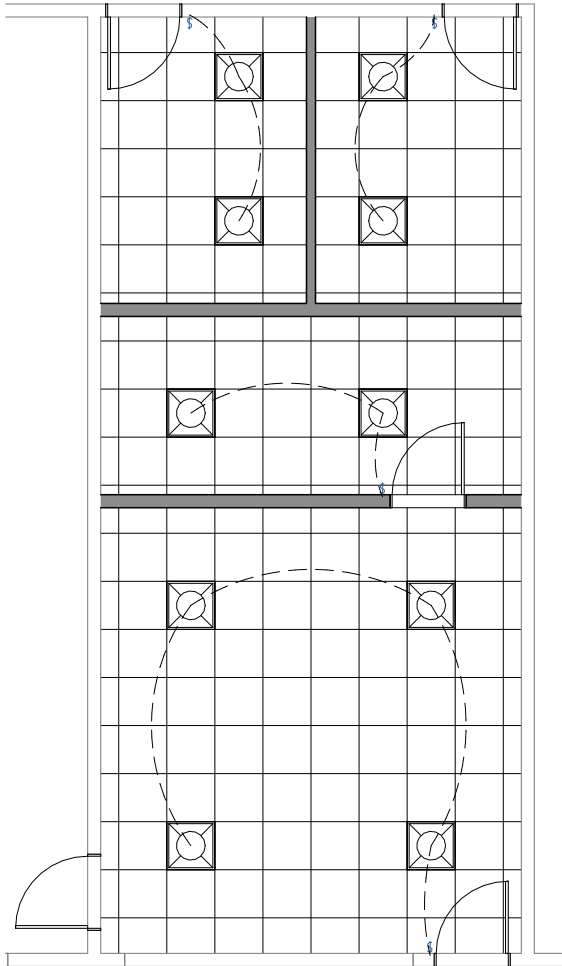
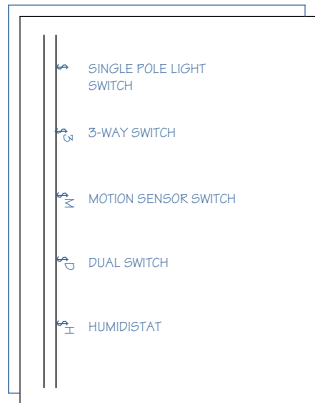
NOT FOR CONSTRUCTION

PRELIMINARY

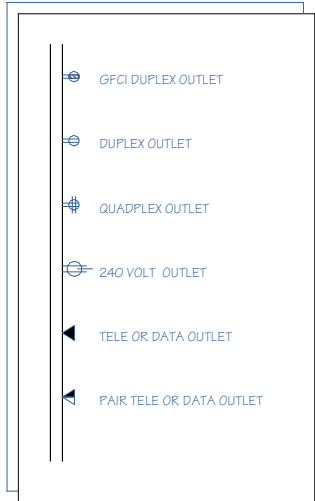
E101

SHEET NOTES:

1. ELECTRICIAN TO CONFIRM ACCURATE LIGHT FIXTURE AND OUTLET PLACEMENT WITH CLIENT BEFORE INSTALLATION.

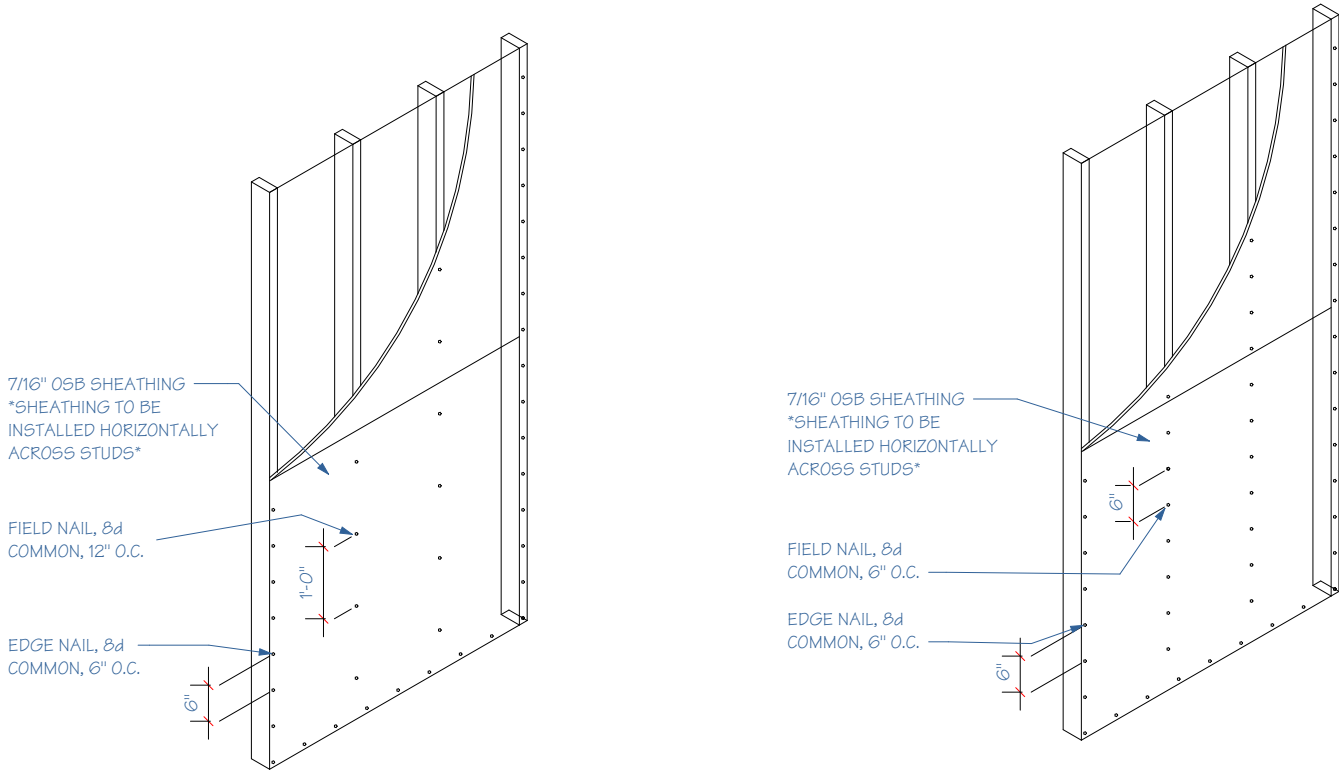


2 KITCHEN LIGHTING PLAN
1/4" = 1'-0"



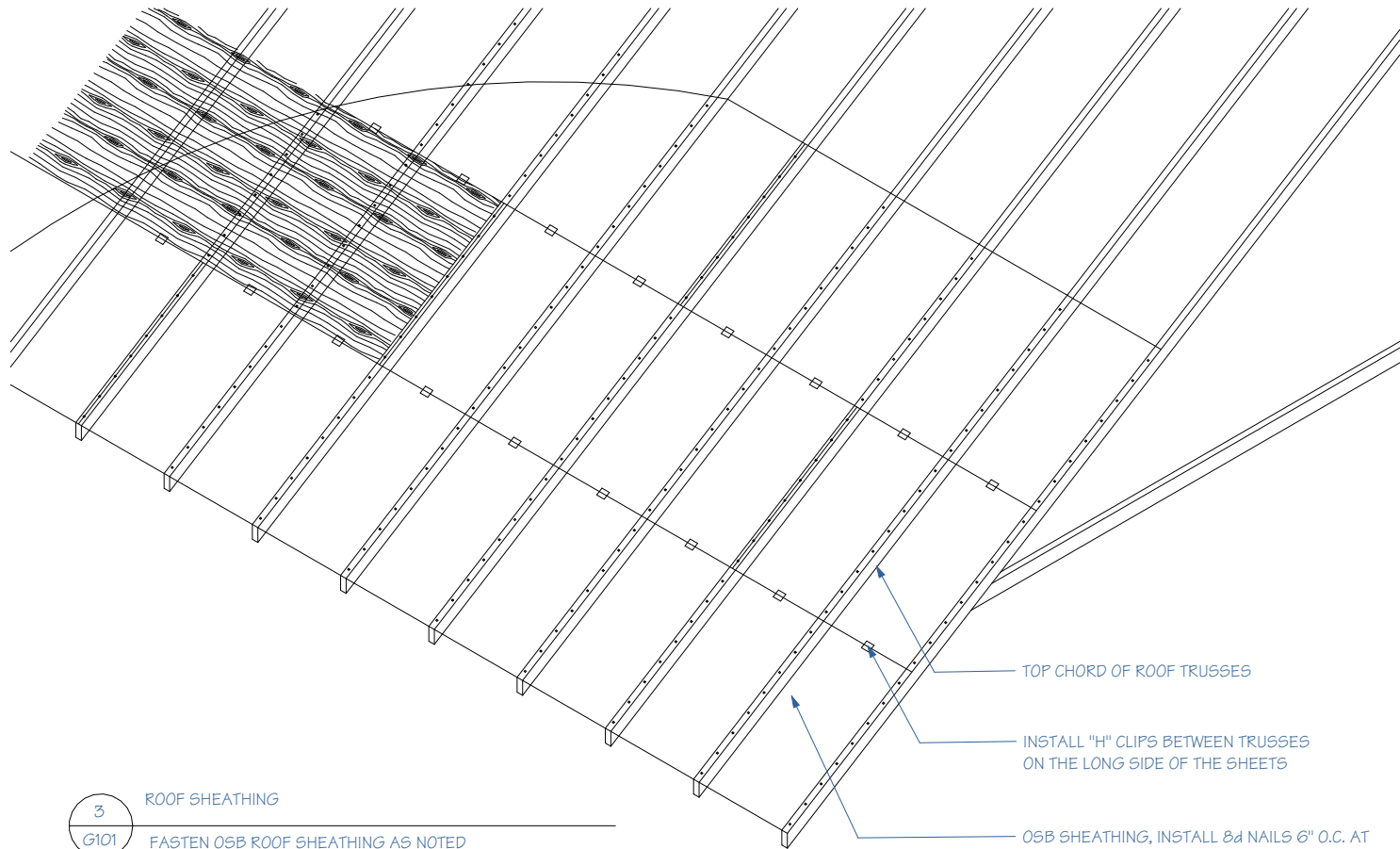
1 KITCHEN POWER PLAN
1/4" = 1'-0"





1
G101
TYPICAL WALL SHEATHING
TYPICAL SHEATHING -
FASTEN SHEATHING TO STUD FRAMING AS INDICATED ABOVE.

2
G101
SHEAR WALL SHEATHING
SHEAR WALL BRACING -
FASTEN SHEATHING TO STUD FRAMING WITH 8d NAILS 6"
O.C. AT ALL POINTS WHERE SHEETS CROSS FRAMING. SHEAR WALL
NAILING TO BE APPLIED WITHIN 8'-0" OF ALL BUILDING CORNERS.



3
G101
ROOF SHEATHING
FASTEN OSB ROOF SHEATHING AS NOTED

SHEET NOTES:

- ALL FRAMING SHOULD BE SPF #2 OR BETTER
- ALL FRAMING LUMBER IN CONTACT WITH GRADE OR MASONRY SHALL BE PRESSURE TREATED.
- ALL HEADERS SHALL BE SUPPORTED BY MINIMUM OF TWO SHOULDER STUDS. SPANS OVER 10 FEET SHALL HAVE 5 1/2" MINIMUM BEARING

TABLE 2304.10.1
FASTENING SCHEDULE

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
ROOF		
1. Blocking between ceiling joists, rafters or trusses to top plate or other framing below	3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Each end, toenail
Blocking between rafters or truss not at the wall top plate, to rafter or truss	2-8d common (2 1/2" x 0.131") 2-3" x 0.131" nails 3-3" 14 gage staples 2-16d common (3 1/2" x 0.162") 3-3" x 0.131" nails 3-3" 14 gage staples	Each end, toenail End nail
Flat blocking to truss and web filler	16d common (3 1/2" x 0.162") @ 6" o.c. 3" x 0.131" nails @ 6" o.c. 3" x 14 gage staples @ 6" o.c.	Face nail
2. Ceiling joists to top plate	3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Each joist, toenail
3. Ceiling joist not attached to parallel rafter, laps over partitions (no thrust) (see Section 2308.7.3.1, Table 2308.7.3.1)	3-16d common (3 1/2" x 0.162"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Face nail
4. Ceiling joist attached to parallel rafter (heel joint) (see Section 2308.7.3.1, Table 2308.7.3.1)	Per Table 2308.7.3.1	Face nail
5. Collar tie to rafter	3-10d common (3" x 0.148"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Face nail
6. Rafter or roof truss to top plate (See Section 2308.7.3.1, Table 2308.7.3.1)	3-10 common (3" x 0.148"); or 3-16d box (3 1/2" x 0.135"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Toenail ^a
7. Roof rafters to ridge valley or hip rafters; or roof rafter to 2-inch ridge beam	2-16d common (3 1/2" x 0.162"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown; or 3-10d common (3 1/2" x 0.148"); or 3-16d box (3 1/2" x 0.135"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	End nail Toenail
DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
19. 1" brace to each stud and plate	2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128"); or 2-3" x 0.131" nails; or 2-3" 14 gage staples, 7/16" crown	Face nail
20. 1" x 6" sheathing to each bearing	2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128")	Face nail
21. 1" x 8" and wider sheathing to each bearing	3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128")	Face nail
FLOOR		
22. Joist to sill, top plate, or girder	3-8d common (2 1/2" x 0.131"); or floor 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Toenail
23. Rim joist, band joist, or blocking to top plate, sill or other framing below	8d common (2 1/2" x 0.131"); or 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown	6" o.c., toenail
24. 1" x 6" subfloor or less to each joist	2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128")	Face nail
25. 2" subfloor to joist or girder	2-16d common (3 1/2" x 0.162")	Face nail
26. 2" planks (plank & beam – floor & roof)	2-16d common (3 1/2" x 0.162")	Each bearing, face nail
27. Built-up girders and beams, 2" lumber layers	20d common (4" x 0.192") 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown And: 2-20d common (4" x 0.192"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	32" o.c., face nail at top and bottom staggered on opposite sides 24" o.c. face nail at top and bottom staggered on opposite sides Ends and at each splice, face nail
28. Ledger strip supporting joists or rafters	3-16d common (3 1/2" x 0.162"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Each joist or rafter, face nail
29. Joist to band joist or rim joist	3-16d common (3 1/2" x 0.162"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	End nail
30. Bridging or blocking to joist, rafter or truss	2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128"); or 2-3" x 0.131" nails; or 2-3" 14 gage staples, 7/16" crown	Each end, toenail

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION	
WALL			
8. Stud to stud (not at braced wall panels)	16d common (3 1/2" × 0.162");	24" o.c. face nail	
	10d box (3" × 0.128"); or 3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	16" o.c. face nail	
	16d common (3 1/2" × 0.162"); or	16" o.c. face nail	
9. Stud to stud and abutting studs at intersecting wall corners (at braced wall panels)	16d box (3 1/2" × 0.135"); or	12" o.c. face nail	
	3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	12" o.c. face nail	
	16d common (3 1/2" × 0.162"); or	16" o.c. each edge, face nail	
10. Built-up header (2" to 2" header)	16d box (3 1/2" × 0.135")	12" o.c. each edge, face nail	
	4-8d common (2 1/2" × 0.131"); or 4-10d box (3" × 0.128")	Toenail	
11. Continuous header to stud	16d common (3 1/2" × 0.162"); or	16" o.c. face nail	
12. Top plate to top plate	10d box (3" × 0.128"); or 3" × 0.131" nails; or 3" 14 gage staples, 7/16" crown	12" o.c. face nail	
	8-16d common (3 1/2" × 0.162"); or 12-10d box (3" × 0.128"); or 12-3" × 0.131" nails; or 12-3" 14 gage staples, 7/16" crown	Each side of end joint, face nail (minimum 24" lap splice length each side of end joint)	
13. Top plate to top plate, at end joints	16d common (3 1/2" × 0.162"); or	16" o.c. face nail	
	16d box (3 1/2" × 0.135"); or 3" × 0.131" nails; or 3" 14 gage staples, 7/16" crown	12" o.c. face nail	
14. Bottom plate to joist, rim joist, band joist or blocking (not at braced wall panels)	2-16d common (3 1/2" × 0.162"); or 3-16d box (3 1/2" × 0.135"); or 4-3" × 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	16" o.c. face nail	
	4-8d common (2 1/2" × 0.131"); or 4-10d box (3" × 0.128"); or 4-3" × 0.131" nails; or 4-3" 14 gage staples, 7/16" crown; or	Toenail	
16. Stud to top or bottom plate	2-16d common (3 1/2" × 0.162"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	End nail	
	2-16d common (3 1/2" × 0.162"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	End nail	
17. Top or bottom plate to stud	2-16d common (3 1/2" × 0.162"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Face nail	
	2-16d common (3 1/2" × 0.162"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Face nail	
18. Top plates, laps at corners and intersections	2-16d common (3 1/2" × 0.162"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Face nail	
DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION	
WOOD STRUCTURAL PANELS (WSP), SUBFLOOR, ROOF AND INTERIOR WALL SHEATHING TO FRAMING AND PARTICLEBOARD WALL SHEATHING TO FRAMING ^a			
		Edges (inches)	Intermediate supports (inches)
31. 3/8" – 1/2"	6d common or deformed (2" × 0.113") (subfloor and wall)	6	12
	8d box or deformed (2 1/2" × 0.113") (roof)	6	12
	2 1/2" × 0.113" nail (subfloor and wall)	6	12
	1 1/2" 16 gage staple, 7/16" crown (subfloor and wall)	4	8
32. 19/32" – 3/4"	2 1/2" × 0.113" nail (roof)	4	8
	1 1/2" 16 gage staple, 7/16" crown (roof)	3	6
	8d common (2 1/2" × 0.131"); or 6d deformed (2" × 0.113")	6	12
	2 1/2" × 0.113" nail; or 2" 16 gage staple, 7/16" crown	4	8
33. 7/8" – 1 1/4"	10d common (3" × 0.148"); or 8d deformed (2 1/2" × 0.131")	6	12
OTHER EXTERIOR WALL SHEATHING			
1/2" fiberboard sheathing ^b	1 1/2" galvanized roofing nail (7/16" head diameter); or 1 1/4" 16 gage staple with 7/16" or 1" crown	3	6
25/32" fiberboard sheathing ^b	1 1/2" galvanized roofing nail (7/16" diameter head); or 1 1/2" 16 gage staple with 7/16" or 1" crown	3	6
WOOD STRUCTURAL PANELS, COMBINATION SUBFLOOR UNDERLAYMENT TO FRAMING			
3/4" and less	8d common (2 1/2" × 0.131"); or 6d deformed (2" × 0.113")	6	12
37. 7/8" – 1"	8d common (2 1/2" × 0.131"); or 8d deformed (2 1/2" × 0.131")	6	12
38. 1 1/8" – 1 1/4"	10d common (3" × 0.148"); or 8d deformed (2 1/2" × 0.131")	6	12
PANEL SIDING TO FRAMING			
39. 1/2" or less	6d corrosion-resistant siding (1 1/4" × 0.106"); or 6d corrosion-resistant casing (2" × 0.099")	6	12
40. 5/8"	8d corrosion-resistant siding (2 1/4" × 0.128"); or 8d corrosion-resistant casing (2 1/2" × 0.113")	6	12
INTERIOR PANELING			
41. 1/4"	4d casing (1 1/2" × 0.080"); or 4d finish (1 1/2" × 0.072")	6	12
42. 3/8"	6d casing (2" × 0.099"); or 6d finish (Panel supports at 24 inches)	6	12

For S1: 1 inch = 25.4 mm.

Nails spaced at 6 inches at intermediate supports where spans are 48 inches or more. For nailing of wood structural panel and particleboard diaphragms and shear walls, refer to Section 2305. Nails for wall sheathing are permitted to be common, box crown or casing.

Spacing shall be 6 inches on center on the edges and 12 inches on center at intermediate supports for nonstructural applications. Panel supports at 16 inches (20 inches if strength axis in the long direction of the panel, unless otherwise marked).

Where a rafter is fastened to an adjacent parallel ceiling joist in accordance with this schedule and the ceiling joist is fastened to the top plate in accordance with this schedule, the number of toenails in the rafter shall be permitted to be reduced by one nail.

For SI: 1 inch = 25.4 mm.
a. Nails spaced at 6 inches at intermediate supports where spans are 48 inches or more. For nailing of wood structural panel and particleboard diaphragms and shear walls, refer to Section 2305. Nails for wall sheathing are permitted to be common, box or casing.
b. Spacing shall be 6 inches on center on the edges and 12 inches on center at intermediate supports for nonstructural applications. Panel supports at 16 inches (20 inches if strength axis in the long direction of the panel, unless otherwise marked).
c. Where a rafter is fastened to an adjacent parallel ceiling joist in accordance with this schedule and the ceiling joist is fastened to the top plate in accordance with this schedule, the number of toenails in the rafter shall be permitted to be reduced by one nail.



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MANAGEMENT, INTERIOR DESIGN
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SHEAR WALL DETAILS &
FRAMING CONNECTIONS
SCHEDULE

PROPOSED PLANS
FOR
Town of Rome
1156 Alpine Drive, Nekoosa, WI
54457

05.27.26	Date	Date	Date	Date
Prelim. Plan	Const. Docs	Approval	Revision 1	Revision 2
DATE				
May 27, 2026				
PROJECT NO.				
26044				

	COMPACTED FILL		UNDISTURBED EARTH		DRAINAGE FILL
EARTHWORKS					
	CAST-IN-PLACE /PRECAST		GROUT		
WALL DEFINITIONS					
	EXISTING CONSTRUCTION		NEW CONSTRUCTION		DEMOLITION
CONCRETE					
	CONCRETE BLOCK		BRICK		STONE
MASONRY					
	STEEL		ALUMINUM		BRASS /BRONZE
METAL					
	FINISH		ROUGH		PLYWOOD
WOOD					
	BATT/LOOSE FILL		RIGID		
INSULATION					
	WOOD STUD		WOOD STUD (DETAIL)		METAL STUD (DETAIL)
PARTITION INDICATIONS					
	GRASS		SWAMP		GLASS
CIVIL INDICATIONS					
MISC.					

	DATUM		SWALE LINE W/ DIR. OF FLOW
	EXISTING GRADE		DIRECTION OF SLOPE
	NEW GRADE		PITCH
	EXISTING CONTOUR		HIGH POINT
	NEW CONTOUR		DOWNSPOUT
	WATER MAIN		CLEANOUT FLUSH WITH GRADE
	GAS MAIN		CATCH BASIN
	ELECTRIC		MANHOLE
	TELEPHONE		POWER POLE
	FIRE PROTECTION		LIGHT POLE
	STORM		FIRE HYDRANT
	SANITARY		INLET PROTECTION
	FENCE		CHANNEL PROTECTION
	SILT FENCE		TRACKING PROTECTION
	RAILROAD TRACKS		EXIT TO GRADE
	SETBACK LINE		ACCESSIBLE ROUTE
	CENTER LINE		
	PROPERTY LINE		
	CONSTRUCTION LIMIT		

	WC	WATER CLOSET		WM	WATER METER
	WC/T	WATER CLOSET (TANK)		SS	SAFETY SHOWER
	U	URINAL		HB	HOSE BIBB
	LAV	LAVATORY		WH	WALL HYDRANT
	SINK	SERVICE SINK		FD	FLOOR DRAIN
	DF	DRINKING FOUNTAIN		EXIT LIGHT-WITH DIRECTIONAL ARROW(S). SHADED AREA INDICATES ILLUMINATED FACE(S)	
	EWS	EYE WASH		EMERGENCY LIGHTS	
		PROJECTION SCREEN		FE	SEMI RECESSED FIRE EXTINGUISHER
				FE	WALL MOUNTED FIRE EXTINGUISHER

NAME		NUMBER		ROOM IDENTIFIER
				NOMINAL SIZE OR S.F.
MATCH LINE		MATCH LINE		INDICATOR
XX/X-XXX				
		DOOR		INDICATOR
		WINDOW		INDICATOR
		EQUIPMENT		NUMBER
		KEYNOTE		INDICATOR
		REVISION		INDICATOR
		CEILING HEIGHT		INDICATOR
		PARTITION TYPE		INDICATOR
		COLUMN REFERENCE		GRID
	T.O.F. ELEV = +95'-0"	ELEVATION		MARKER
		HANDICAP		
		PLAN NORTH		
		SPOT		ELEVATION
		LOW SIDE		
		RECESSED SLAB		CONDITION

NOTES APPLY TO ENTIRE DOCUMENT SET.

NOTES APPLY ONLY TO SHEET.

NOTES APPLY ONLY WHERE INDICATED BY SYMBOL

anchor bolt	MANUF manufactured
A/C air conditioning	MAX maximum
AFF above finished floor	MB mop basin
ALUM aluminum	MECH mechanical
ALT alternate	MEMB membrane
AP access panel	MFR manufacturer
ASPH asphalt	MIN minimum
	MISC miscellaneous
BD board	MO masonry opening
BLDG building	MTL metal
BLKG blocking	
BM beam, bench mark	NIC not in contract
BO by others	NO number
BRG bearing	NOM nominal
BS both sides	NTS not to scale
BTM bottom	
	OC on center
CF cubic feet	OD outside diameter
CJ construction joint	OH overhead, overhang
CLG ceiling	OPNG opening
CLJ control joint	
CLK caulk(ing)	PART partition
CMU concrete masonry unit	PCF pounds per cubic foot
CO cleanout	PKT pocket
COL column	PLAS plastic
CONC concrete	PLBG plumbing
CONT continue, continuous	PLF pounds per lineal foot
CONTR contract(or)	PNL panel
CPT carpet(ed)	POLY polyethylene
CR curb ramp	PROJ project, projected
CT ceramic tile	PROP property
CY cubic yard	PSF pounds per square foot
	PSI pounds per square inch
	PT pressure treated
	PTD paint(ed)
DBL double	PVC polyvinyl chloride
DF drinking fountain	PVMT pavement
DIA diameter	PWD plywood
DIM dimension	
DN down	QT quarry tile
DR door, drain	
DS down spout	R radius, riser
DTL detail	RA return air
DW dishwasher	RD roof drain
DWALL drywall	REF refrigerator
DWG drawing	REINF reinforcing
	REQD required
EA each	REV revise, revision
EIFS exterior finish insulation system	RM room
EL elevation	RO rough opening
ELEC electric(al)	
ELEV elevator	SA supply air
EPDM ethylene, propylene, diene terpolymer	SC solid core
EPI extruded polystyrene insulation	SF square foot
EQUIP equipment	SH shelf, shelving, shower
EW each way	SHT sheet
EWC electric water cooler	SIM similar
EXH exhaust	SPKR speaker
EXIST existing	SQ square
EXP exposed, expansion	SS stainless steel
EXT exterior	STC sound transmission coefficient
FAC fire access cabinet	STD standard
FD floor drain	STL steel
FE fire extinguisher	SUSP suspended
FIN finish	SY square yard
FLR floor	
FLUR fluorescent	
FOUND foundation	T tread
FT foot	TELE telephone
FTG footing, fitting	T/G tongue and groove
	THK thick(ness)
G gas	TOF top of footing
GA gauge	TOS top of steel
GALV galvanized	TOW top of wall
GB grab bar	TYP typical
GC general contract(or)	
GL glass, glazing	UH unit heater
GYP gypsum	
HB hose bib	VB vapor barrier
HC hollow core	VCT vinyl composition tile
HDWR hardware	VERT vertical
HGT height	VT vinyl tile
HM hollow metal	
HORIZ horizontal	
HTG heating	W water
H/VAC heating/ventilating/air conditioning	W/ with
HW hot water	WD wood
HYD hydrant	W/O without
	WP waterproof(ing)
ID inside diameter	WSCT wainscot
IE invert elevation	WWF welded wire fabric

*** 48" MIN. IF DOOR HAS CLOSER**

LATCH SIDE APPROACH - SWINGING DOORS

HINGE SIDE APPROACH - SWINGING DOORS

FRONT APPROACH - SWINGING DOORS

HAND/HAIR DRYER

PAPER TOWEL DISPENSER

SOAP DISPENSER

WATER CLOSET

SANITARY NAPKIN-TAMPON DISPENSER

SANITARY NAPKIN DISPOSAL UNIT

LAVATORY CLEARANCES

URINAL

PARTITION AT TOILET

PARTITION AT URINAL

TOWEL DISPENSER/ WASTE RECEPTACLE

HOSE BIBB

CLOCK

SHOWER VALVE

SHOWER HEAD

ROBE HOOK

TOILET PAPER HOLDER

EWC

MANEUVERING CLEARANCES, REACH RANGES, & PROTRUDING OBJECTS

HIGH AND LOW SIDE REACH LIMITS

10" (255 mm) MAX.
30" (760 mm)
32" TO 42" PREFERRED
4" (100 mm) MIN.
4" (100 mm) MIN.

WALKING PARALLEL TO A WALL

4" (100 mm) MAX.
HIGHER THAN 27" (685 mm)
ANY AMOUNT
CLEAR WIDTH
ANY AMOUNT
CANE RANGE
27" (685 mm) OR LESS
ANY AMOUNT
WALKING PERPENDICULAR TO A WALL

UNOBSTRUCTED FORWARD REACH

15" (380 mm) MIN.
48" (1220 mm) MAX.

UNOBSTRUCTED SIDE REACH

PERSON WITH DISABILITY, TYP.
15" (380 mm) MIN.
48" (1220 mm) MAX.
FOR ADANG

MAXIMUM CLEARANCE

25" (635 mm) MAX.
TOE AND KNEE CLEARANCE
KNEE CLEARANCE
TOE CLEARANCE
27" (685 mm) MIN.
9" (230 mm)

NOTE

Additional space can be provided beneath the table, desk, or other element, but that space is not considered knee and toe clearance.

MINIMUM CLEARANCE

17" (430 mm) MIN.
TOE AND KNEE CLEARANCE
11" (280 mm) MIN.
6" (150 mm) MIN.
8" (205 mm) MIN.
KNEE CLEARANCE
TOE CLEARANCE
27" (685 mm) MIN.
9" (230 mm)

NOTE

Clearances shown are required at specific accessible elements.

THIS AREA MAY BE USED AS PART OF MANEUVERING CLEARANCE OR WHEELCHAIR TURNING SPACE

6" (150 mm) MAX.
TOE CLEARANCE
9" (230 mm)

CLINET

48" (1220 mm) MAX.
21" (535 mm) MAX.

SHELVES

48" (1220 mm) MAX.
15" (380 mm) MIN.
21" (535 mm) MAX.

OBSTRUCTED HIGH FORWARD REACH

48" (1220 mm) MAX.
20" TO 25" (510 TO 635 mm) MAX.

OBSTRUCTED SIDE REACH

34" (865 mm) MAX.
48" (1220 mm) MAX.
10" TO 24" (255 mm TO 610 mm) MAX.

FORWARD APPROACH--ALCOVE

48" (1220 mm) MIN.
X > 24" (610 mm)
30" X 48" CLEAR FLOOR SPACE
ALCOVE
36" (915 mm) MIN.

FORWARD

48" (1220 mm) MIN.
30" (760 mm) MIN.

PARALLEL APPROACH--ALCOVE

36" (915 mm) MIN.
X > 15" (380 mm)
60" (1525 mm) MIN.

PARALLEL

36" (915 mm) MIN.
48" (1220 mm) MIN.

TWO WHEELCHAIRS

60" (1525 mm) MIN.

ONE WHEELCHAIR AND ONE AMBULATORY PERSON

48" (1220 mm) MIN.

SINGLE WHEELCHAIR

24" (610 mm) MIN.
48" (1220 mm) MIN.
24" (610 mm) MIN.
32" (815 mm) MIN.
32" (815 mm) MIN.
32" (815 mm) MIN.
32" (815 mm) MIN.

RAMPS & DOORS

1/2" (13 mm) MAX.

NOT ALLOWED

1/4" (6.5 mm) MAX.

ALLOWED

1/4" TO 1/2" (6.5 TO 13 mm) MAX.

ALLOWED

NOTES

1. Changes in level greater than 1/2 in. (13 mm) must be ramped.

2. Some standards prohibit changes in level in clear floor space, maneuvering clearances, wheelchair turning space, and access aisles.

17" (355 mm) MIN. EXTENDED PLATFORM

36" (915 mm) MIN. CLEAR WIDTH

HANDRAIL

BALUSTER

RAMP

MIN. REQUIRED LANDING WIDTH

36" (915 mm) MIN. CLEAR WIDTH

HANDRAIL

ENCLOSED RAMP PROVIDES EDGE PROTECTION

1/2" RISE MAX. OVER 15' (4.57 m) SLOPE

3/4" TO 3/8" (965 TO 965 mm)

1/2" RISE MAX. OVER 15' (4.57 m) SLOPE

3/4" TO 3/8" (965 TO 965 mm)

RAMP

LANDING

LANDING LENGTH 60" (1525 mm) MIN.

LANDING AT LEAST AS WIDE AS RAMP RUN

RAMP RISE

RAMP RUN

RAMP

LANDING 60" (1525 mm) MIN.

LANDING 60" (1525 mm) MIN.

12" (305 mm) MIN.

HORIZONTAL EXTENSION

RAILING

12" (305 mm) MIN.

HORIZONTAL PROJECTION

1:12 TO 1:20 SLOPE (SLOPE $\leq$ 1:20 IS NOT DEFINED AS A RAMP SO NO HANDRAILS ARE REQUIRED)

1:20 SLOPE

1/2" RAMP RISE

3/4" TO 3/8" (965 TO 965 mm)

LANDING

X = RAMP LENGTH (HORIZONTAL PROJECTION OR RUN)

LANDING

NOTE

Slope = Y/X, where X is a level plane.

48" (1220 mm) MIN.

48" (1220 mm) MIN.

DIRECTION OF TRAVEL

DIRECTION OF TRAVEL

SWING—SAME DIRECTION

SWING—OPPOSITE DIRECTION

DOOR CLOSER

WHERE VISION LIGHTS ARE PROVIDED, AT LEAST ONE PANEL SHOULD EXTEND TO WITHIN 43" OF FLOOR

DOOR HARDWARE LOCATED BETWEEN 34" AND 48" (865 AND 1220 mm) ABOVE FLOOR

48" MAX.

34" MIN.

4" (100 mm) MAX.

BOTTOM 17" (255 mm) OF DOOR SURFACE SHOULD BE SMOOTH

1 1/4" TO 2"

1 1/2" MIN.

2 1/2" ANCHOR MIN.

HORIZONTAL PROJECTION

CIRCULAR

1 1/2" MIN.

2 1/4" MAX.

2 1/4" MAX.

2 1/2" ANCHOR MIN.

3 1/2" ANCHOR MIN.

1 1/2" MIN.

PERIMETER MAX.

HORIZONTAL PROJECTION

NONCIRCULAR

Notes

1. Hardware: Specify hardware that can be operated with one hand, without tight grasping, pinching, or twisting of the wrist.

2. Thresholds: Thresholds are typically limited to 1/2 in. maximum height; however, some standards allow a 3/4 in. height for certain sliding doors.

3. Operating force: Interior doors (other than fire doors) should be able to be operated with 5 lb of force. Exterior doors and fire doors may be regulated by the authority having jurisdiction.

MOUNTING HEIGHTS & CLEARANCES

The diagrams illustrate the following specifications:

- Toilet Stall:** Shows a toilet with a partition, urinal, and mirror. Key dimensions include a 5' MAX. height for the partition, a 3'-0" MIN. height for the urinal, a 3'-0" MAX. height for the mirror, and a 5'-0" clear floor space. Grab bars are shown with a 3'-6" vertical height and a 3'-0" horizontal height. The center of the toilet is marked.
- Shower:** Shows a shower area with a fixed shower head, a handheld shower head, a grab bar, and a folding shower seat. Key dimensions include a 3'-6" MIN. height for the handheld shower head, a 1'-0" height for the grab bar, and a 3'-6" MIN. height for the folding shower seat. The shower area is 3'-6" wide and 3'-0" deep.
- Bathtub:** Shows a bathtub with a removable seat, a grab bar, and a mirror. Key dimensions include a 3'-0" MIN. height for the grab bar, a 3'-0" MIN. height for the mirror, and a 3'-0" MIN. height for the removable seat. The bathtub is 3'-0" wide and 3'-0" deep.
- Lavatory:** Shows a lavatory with a mirror, a sink, and a wheelchair. Key dimensions include a 3'-0" MIN. height for the mirror, a 3'-0" MIN. height for the sink, and a 3'-0" MIN. height for the wheelchair. The lavatory is 3'-0" wide and 3'-0" deep.

The diagrams illustrate four different configurations for accessible parking and loading zones, all adhering to ADA standards. Each diagram shows a cross-section of the zone, including the curb, sidewalk, and any adjacent structures or landscaping.

- Diagram 1 (Top):** Shows a standard accessible parking space (S) and a van-accessible parking space (SV). The van-accessible space includes a 3'-0" wide loading zone. The total width of the van-accessible space is 8'-0" minimum, 9'-0" preferred. The distance from the curb to the start of the loading zone is 5'-0" typical. The distance from the end of the loading zone to the next parking space is 3'-0" minimum. The total width of the accessible route is 18'-0" minimum, 19'-0" preferred. The diagram also shows a wall, accessible route, sign, and bumper.
- Diagram 2 (Second from Top):** Shows a van-accessible parking space (SV) with a 3'-0" wide loading zone. The total width of the van-accessible space is 8'-0" minimum, 9'-0" preferred. The distance from the curb to the start of the loading zone is 5'-0" typical. The distance from the end of the loading zone to the next parking space is 3'-0" minimum. The total width of the accessible route is 18'-0" minimum, 19'-0" preferred. The diagram also shows a curb, sidewalk, and a sign for van-accessible parking.
- Diagram 3 (Third from Top):** Shows a van-accessible parking space (SV) with a 3'-0" wide loading zone. The total width of the van-accessible space is 8'-0" minimum, 9'-0" preferred. The distance from the curb to the start of the loading zone is 5'-0" typical. The distance from the end of the loading zone to the next parking space is 3'-0" minimum. The total width of the accessible route is 18'-0" minimum, 19'-0" preferred. The diagram also shows a curb, sidewalk, and a curb ramp.
- Diagram 4 (Bottom):** Shows a van-accessible parking space (SV) with a 3'-0" wide loading zone. The total width of the van-accessible space is 8'-0" minimum, 9'-0" preferred. The distance from the curb to the start of the loading zone is 5'-0" typical. The distance from the end of the loading zone to the next parking space is 3'-0" minimum. The total width of the accessible route is 18'-0" minimum, 19'-0" preferred. The diagram also shows a curb, sidewalk, and a curb ramp.

ACCESSIBLE SIDEWALK RAMPS

TYPE A

LEVEL WITH PAVEMENT

2'-6" MIN.

CURB LEVEL WITH GROUND COVER

SLOPE 1:12 MAX.

SLOPE 1:50 MAX.

SLOPE 1:12 MAX.

SLOPE GUTTER FROM RAMP, STREET OR PARKING

SLOPE CURB WITH RAMP

6" CURB MAX.

TYPE B

CURB LEVEL WITH GROUND COVER

2'-6"

SLOPE 1:12 MAX.

DETECTABLE WARNING FOR PERSONS WITH VISUAL IMPAIRMENTS

TYPE C

CURB LEVEL WITH GROUND COVER

SLOPE 1:12 MAX.

SLOPE 1:50 MAX.

SLOPE CURB WITH RAMP

2'-6"

TYPE D

LEVEL WITH ROADWAY

2'-6"

4'-0" MIN.

TYPE E

CROSS SLOPE 1:50 MAX.

SLOPE 1:10 MAX.

SLOPE 1:12 MAX.

DETECTABLE WARNING FOR PERSONS WITH VISUAL IMPAIRMENT

SLOPE GUTTER FROM CURB RAMP

3'-0" MIN.

2'-0" TYP.

FOR 6" CURB AND 1/4" 1'-0" CROSS-SLOPE

2'-0" PREFERRED

TYPE F

CROSS SLOPE 1:50 MAX.

2'-0" MIN.

1'-6" MIN.

SLOPE 1:12 MAX.

SLOPE 1:10 MAX.

NOTE

If the 4 ft 0 in. preferred dimension cannot be met for type F, the 1:10 slope becomes 1:12 maximum.

TYPE G

SLOPE CURB WITH RAMP

CURB LEVEL WITH GROUND COVER

SLOPE 1:12 MAX.

2'-0" MIN.

2'-6" MIN.

SLOPE 1:50 MAX.

VAN ACCESSIBLE

HANDICAPPED PARKING ONLY