NEW PUBLIC WORKS BUILDING
FOR
CITY OF CHILOQUIN

LEGEND

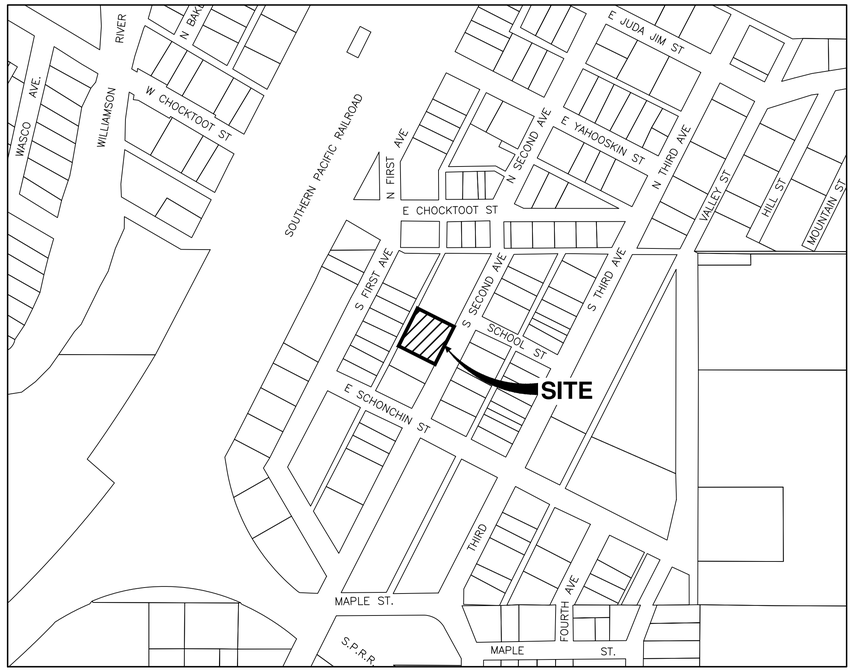
EXISTING

- WATER VALVE
- FIRE HYDRANT
- STORM DRAIN CATCH BASIN
- STORM MANHOLE
- SIGN
- POWER METER
- POWER POLE
- GUY WIRE
- GAS VALVE
- BOLLARD
- WATERLINE
- SANITARY SEWERLINE
- STORM DRAIN LINE
- POWER (OVERHEAD)
- POWER (UNDERGROUND)
- GAS LINE
- FENCE
- CONTOUR WITH ELEVATION
- PAVEMENT
- GRAVEL
- SIDEWALK

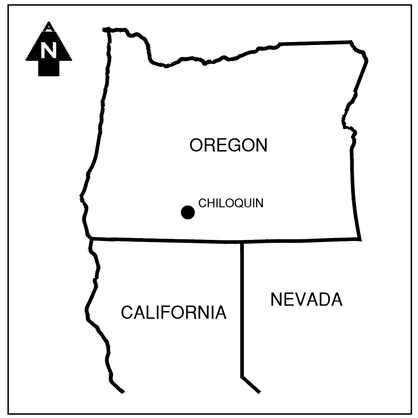
PROPOSED

- POWER METER
- STORM CONTROL STRUCTURE
- SANITARY SEWER CLEANOUT
- WATER METER
- CONTOUR WITH ELEVATION
- STORM DRAIN LINE
- WATER LINE
- SANITARY SEWER LATERAL
- COMMON LINE*
- GAS LINE
- CHAINLINK FENCE
- BUILDING WALL
- GRAVEL
- PAVEMENT
- CONCRETE

* COMMON UTILITIES INCLUDE ELECTRICAL AND COMMUNICATION



VICINITY MAP
N.T.S.



AREA MAP
N.T.S.

PROJECT CONTACT INFORMATION

OWNER

THE CITY OF CHILOQUIN
127 S FIRST AVENUE
CHILOQUIN, OR 97624
(541) 783-2717
CONTACT: MELISA DANFORTH

SITE

TL 3407-034DC-03200
S SECOND AVENUE
CHILOQUIN, OR 97624

CIVIL ENGINEER & SURVEYOR

ADKINS ENGINEERING & SURVEYING, INC.
1435 ESPLANADE AVENUE
KLAMATH FALLS, OR 97601
(541) 884-4666

CITY OFFICIALS

MAYOR

JULIE BETTLES

CITY RECORDER

MARTINNE INGRAM

CITY COUNCIL MEMBERS

ROBERT COWIE
JEFF MITCHELL
JAMES RUBIDOUX
JANA DEGARMO
JILL PREWITT
GAIL HATCHER

UTILITY CONTACTS

POWER

KIRK DANIELS
PACIFICORP ESTIMATOR
1950 MALLARD LANE
KLAMATH FALLS, OR 97601
(541) 883-7828

COMMUNICATIONS

MICHELLE ANDERSON
HUNTER COMMUNICATIONS
801 ENTERPRISE DRIVE
CENTRAL POINT, OR 97502
(541) 772-9282

WATER & SANITARY SEWER

FRED JACKSON
CITY OF CHILOQUIN PUBLIC WORKS
124 S. 2ND AVENUE
CHILOQUIN, OR 97624
(541) 591-6287

FIRE DISTRICT

STEPHEN STACEY
CHILOQUIN FIRE & RESCUE
P.O. BOX 437
201 S. 1ST AVENUE
CHILOQUIN, OR 97624

TELEPHONE

JULIANA VAN SICKLE
LUMEN
2980 CROSBY AVENUE
KLAMATH FALLS, OR 97603
(541) 331-4136

ABBREVIATIONS

AC	ASPHALTIC CONCRETE	HDPE	HIGH DENSITY POLYETHYLENE	RAD	RADIUS
AD	AREA DRAIN	HOR	HORIZONTAL	REQ'D	REQUIRED
ADA	AMERICANS WITH DISABILITIES ACT	HP	HIGH POINT	RP	RADIUS POINT
ALIGN	ALIGNMENT	ID	INSIDE DIAMETER	ROW	RIGHT-OF-WAY
BFPD	BACKFLOW PREVENTION DEVICE	IE	INVERT ELEVATION	S	SOUTH
BOC	BACK OF CURB (TOP)	L	LEFT (REFERRING TO OFFSETS)	SD	STORM DRAIN LINE
BVCE	BEGIN VERTICAL CURVE ELEVATION	LF	LINEAR FEET	SDCB	STORM DRAIN CATCH BASIN
BVCS	BEGIN VERTICAL CURVE STATION	MIN	MINIMUM	SDCI	STORM DRAINAGE CURB INLET
CATV	CABLE TELEVISION	MH	MANHOLE	SDMH	STORM DRAINAGE MANHOLE
CB	CATCH BASIN	MJ	MECHANICAL JOINT (WATER PIPES)	SE	SOUTHEAST
℄	CENTERLINE	MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES	SF	SQUARE FEET
CL	CLASS	N	NORTH	SQ	SQUARE
CO	CLEANOUT	NE	NORTHEAST	SS	STAINLESS STEEL
CLR	CLEARANCE	NFL	NOT FIELD LOCATED	SSCO	SANITARY SEWER CLEANOUT
COKF	CITY OF KLAMATH FALLS	NPT	NATIONAL PIPE THREAD TAPER	SSMH	SANITARY SEWER MANHOLE
CSDN	CITY STANDARD DRAWING NUMBER	NTS	NOT TO SCALE	SSSD	SOUTH SUBURBAN SANITARY DISTRICT
CU	COPPER	NW	NORTHWEST	STA	STATION
DI	DUCTILE IRON (WATER PIPE)	OC	ON CENTER	SW	SOUTHWEST
E	EAST	OCEW	ON CENTER EACH WAY	TBM	TEMPORARY BENCHMARK
EG	EXISTING GRADE	OD	OUTSIDE DIAMETER	TC	TOP OF CURB
ELEV	ELEVATION	PC	POINT OF CURVATURE	TG	TOP OF GRATE
EP	EDGE OF PAVEMENT	PCC	POINT OF COMPOUND CURVATURE	TS	TOP OF SLAB
EPDM	ETHYLENE PROPYLENE DIENE MONOMER	P.C.C.	PORTLAND CEMENT CONCRETE	TW	TOP OF WALL
EVCE	END VERTICAL CURVE ELEV.	PE	POLYETHYLENE	TYP	TYPICAL
EVCS	END VERTICAL CURVE STA	P.E.	PLAIN END	UNK	UNKNOWN
EX	EXISTING	PSAR	PUBLIC SIDEWALK ACCESS RAMP	VC	VERTICAL CURVE
F	FLANGED (WATER FITTINGS)	PSI	POUNDS PER SQUARE INCH	VCP	VITRIFIED CLAY PIPE
FF	FINISH FLOOR ELEVATION	PT	POINT OF TANGENCY	VER	VERTICAL
FG	FINISH GRADE	PUE	PUBLIC UTILITY EASEMENT	W	WEST
FH	FIRE HYDRANT ASSEMBLY	PVC	POLYVINYL CHLORIDE	W/	WITH
FL	FLOW LINE	PVI	POINT OF VERTICAL INTERSECTION	WL	WATER LINE
GA	GAUGE	PWES	PUBLIC WORKS ENGINEERING STANDARDS (CITY OF KLAMATH FALLS)	XING	CROSSING
GRD	GRADE	R	RIGHT (REFERRING TO OFFSETS)		
GV	GATE VALVE				

SHEET INDEX

NO.	DESCRIPTION
C1	COVER SHEET
C2	GENERAL NOTES
C3	EXISTING CONDITIONS & DEMOLITION PLAN
C4	SITE PLAN
C5	GRADING PLAN
C6	UTILITY PLAN
C7	EROSION & SEDIMENT CONTROL PLAN
C8	EROSION & SEDIMENT CONTROL DETAILS
C9	DETAILS (PRIVATE)
C10	DETAILS (PUBLIC)

REGISTERED PROFESSIONAL ENGINEER
58062PE
OREGON
JUNE 29, 2009
JONATHAN M. MORITZ
EXPIRES 12/31/26

No.	REVISION	DATE	BY

CITY OF CHILOQUIN
PUBLIC WORKS BUILDING
CHILOQUIN, OR 97624
COVER SHEET

ADKINS ENGINEERING & SURVEYING
o / 541.884.4666
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SERVING S. OREGON & N. CALIFORNIA
ENGINEERING • SURVEYING • PLANNING • TESTING

SCALE		DESIGNED BY	APG		
SHOWN					
DATE	09.14.2026	SURVEYED BY	AE&S		
SHEET	1	DRAWN BY	APG		
PROJ. NO.	101-88	CHECKED BY	JMM		

SHEET NUMBER:

C1

GENERAL NOTES & SPECIFICATIONS

GENERAL

1. ALL WORK AND MATERIALS SHALL CONFORM TO THE MOST CURRENT EDITIONS OF THE STATE OF OREGON APWA/ODOT STANDARD SPECIFICATIONS FOR CONSTRUCTION, OREGON PLUMBING SPECIALTY CODE (OPSC), OREGON ELECTRICAL SPECIALTY CODE (OESC), OREGON FIRE CODE (OFC), KLAMATH COUNTY REGULATIONS, AND CITY OF CHILOQUIN/CITY OF KLAMATH FALLS STANDARD SPECIFICATION MANUAL.

2. CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH ALL OSHA, STATE, FEDERAL AND LOCAL LAWS AND THE REQUIREMENTS OF THE CITY OF CHILOQUIN.

3. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, ELEVATIONS, AND LOCATIONS AS INDICATED IN THESE DESIGN PLANS PRIOR TO CONSTRUCTION. IF ANY DISCREPANCIES ARE FOUND, CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER. CONTRACTOR SHALL EXPOSE, VERIFY, CONNECT AND/OR MATCH EXISTING UTILITIES AND IMPROVEMENTS, IN CONFORMANCE WITH THE INTENT OF THESE PLANS AND SPECIFICATIONS, TO PROVIDE COMPLETE AND OPERATIONAL SYSTEMS.

4. EXISTING UTILITIES ARE SHOWN IN THE DESIGN PLANS BASED ON THE BEST AVAILABLE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS AND DEPTHS OF ALL UTILITIES THAT WILL BE CROSSED OR DISTURBED DURING THE CONSTRUCTION PROCESS. CONTRACTOR SHALL CALL OREGON UTILITY NOTIFICATION CENTER (1-800-332-2344) A MINIMUM OF TWO WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL VERIFY THAT ALL UTILITIES ARE ADEQUATELY MARKED AS REQUIRED TO IDENTIFY THE SIZE, TYPE, LOCATION, AND DEPTH OF THE SPECIFIC UTILITY BEFORE DIGGING OR TRENCHING.

5. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR THE REPAIR OF ALL UTILITIES DAMAGED DURING CONSTRUCTION. ALL REPAIR WORK SHALL MEET OR EXCEED EXISTING CONDITIONS AND COMPLY WITH CITY STANDARDS AND BE AT THE CONTRACTOR'S EXPENSE.

6. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER OF ANY DISCREPANCIES FOUND IN THE EXISTING UTILITIES FOR SIZE, DEPTH, AND LOCATION. IF ANY DISCREPANCIES ARE FOUND THAT CAUSE CHANGES IN THE PROPOSED DESIGN, THEN THE CONTRACTOR SHALL CEASE WORK ON THE AFFECTED PORTION OF THE PROJECT UNTIL THE ENGINEER GIVES APPROVAL OF THE SPECIFIC CHANGES INDICATED.

7. CONTRACTOR SHALL EMPLOY ALL LABOR, EQUIPMENT, AND METHODS REQUIRED TO PREVENT CONSTRUCTION OPERATIONS FROM PRODUCING DUST IN AMOUNTS DAMAGING TO PROPERTY, CULTIVATED VEGETATION, AND DOMESTIC ANIMALS OR CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS IN THE VICINITY OF THE JOB SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY DUST RESULTING FROM CONSTRUCTION OPERATIONS. CONSTRUCTION WATER IS ONLY AVAILABLE AT THE CITY FILL SITE LOCATED AT 221 S. KLAMATH AVENUE, A CONSTRUCTION WATER ACCOUNT CAN BE SET UP WITH CITY RECORDER.

8. WITHIN SEVEN (7) DAYS FROM THE TIME OF PROJECT COMPLETION, CONTRACTOR AND CITY INSPECTOR SHALL PROVIDE THE DESIGN ENGINEER WITH A FULL SET OF RECORD DRAWINGS INDICATING ANY CHANGES IN CONSTRUCTION THAT DEVIATE FROM THE DESIGN PLANS.

9. PROJECT HORIZONTAL/VERTICAL DATUM CONTROL PER THE CURRENT EDITIONS OF THE OREGON COORDINATE REFERENCE SYSTEM (OCRS) FOR THE BEND-KLAMATH FALLS ZONE DEFINED GEOMETRICALLY AS NAD83 (GRS-80 ELLIPSOID) AND NAVD88.

10. ALL UTILITIES SHALL BE MARKED WITH APPROVED LOCATOR TAPE PLACED 12" BELOW GROUND SURFACE. TAPE SHALL BE COLOR CODED FOR THE UTILITY BEING MARKED.

11. ALL PIPES, VALVES AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

12. ALL MATERIALS SHALL BE COMPACTED TO NOT LESS THAN 95% OF MAXIMUM DENSITY PER ASTM D-698, UNLESS OTHERWISE SPECIFIED ON THESE DESIGN PLANS.

13. CONTRACTOR SHALL INSTALL SEWER AND STORM PIPES PRIOR TO ANY OTHER UNDERGROUND UTILITIES AND ADJUST OTHER UTILITIES AS NECESSARY TO PROVIDE NOT LESS THAN 12" CLEARANCE BETWEEN SAID UTILITIES.

14. ALL WORK AND MATERIALS SHALL BE WARRANTED FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY THE OWNER OF THE IMPROVEMENTS. ALL CITY DEDICATED DEVELOPMENTS SHALL BE WARRANTED FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY THE CITY OF CHILOQUIN.

SITE PREPARATION

15. EXISTING SITE IMPROVEMENTS SHALL BE REMOVED WHEN DESIGNATED AS SUCH ON THE PLANS (CONCRETE, ASPHALT, LANDSCAPING, UNDERGROUND UTILITIES, ETC.). THE SITE SHALL BE CLEARED AND GRUBBED OF ALL FOREIGN MATTER, DEBRIS, AND ORGANIC MATERIAL, TO A DEPTH REQUIRED BY THE PLANS. STRIPPING DEPTHS ACROSS THE SITE WILL VARY DEPENDING ON LOCATION.

16. ALL EXPOSED SUBGRADE WITHIN VEHICLE TRAFFIC AREAS SHALL BE PROOF ROLLED WITH A LOADED 10-YARD DUMP TRUCK IN THE PRESENCE OF THE DESIGN ENGINEER. CONTRACTOR SHALL EXCAVATE, REMOVE, REPLACE AND RE-COMPACT ANY SUBGRADE THAT DOES NOT DEMONSTRATE A FIRM, UNYIELDING CONDITION WITH IMPORTED STRUCTURAL FILL APPROVED BY THE DESIGN ENGINEER.

17. ALL EXCAVATED MATERIALS CONSISTING OF ASPHALT, CONCRETE AND SIMILAR CONSTRUCTION MATERIALS SHALL BE HAULED OFF SITE AND PROPERLY DISPOSED OF.

18. AGGREGATE BASE ROCK SHALL BE COMPACTED IN LIFTS NOT EXCEEDING 6 INCHES. EACH LIFT SHALL BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY PER ASTM D-698 AND BE PLACED WITHIN 2% OF OPTIMUM MOISTURE CONTENT.

19. ALL UTILITY TRENCH BACKFILL SHALL CONFORM TO THE REQUIREMENTS ABOVE, DETAILS SHOWN ON PLANS, OR BY THE INDIVIDUAL UTILITY OWNER.

WATER

20. DOMESTIC WATER SERVICE PIPE SHALL BE POLY COATED TYPE K COPPER MEETING THE REQUIREMENTS OF ASTM D1785 AND FITTINGS COMPLYING WITH ASTM D2466 TO A POINT 5 FEET OUTSIDE PROPOSED BUILDING. WATER PIPE AND FITTINGS WITHIN 5 FEET OF PROPOSED BUILDING AND UNDER THE PROPOSED BUILDING SHALL BE PER THE PLUMBING PLANS. ALL PIPE SHALL BE NEW AND NOT OLDER THAN ONE YEAR FROM THE DATE IT WAS MANUFACTURED.

21. CITY WATER PIPE SHALL BE CLASS 235 DR 18 MEETING THE REQUIREMENTS OF AWWA C900.

22. FIRE WATER SERVICE PIPE 4" AND LARGER SHALL BE CLASS 235 DR 18 MEETING THE REQUIREMENTS OF AWWA C900 AND CLASS 52 DUCTILE IRON PIPE MEETING THE REQUIREMENTS OF AWWA C151.

23. FITTINGS FOR C900 OR DUCTILE IRON PIPE SHALL BE DUCTILE IRON COMPACT OR FULL BODY FITTINGS CONFORMING TO AWWA C153, AWWA C111, AND AWWA C104, BE CEMENT-LINED AND SEAL COATED IN CONFORMANCE WITH AWWA C104. FITTINGS SHALL BE FLANGE, MECHANICAL JOINT OR A COMBINATION THEREOF, AS SHOWN ON THE DRAWINGS. MECHANICAL JOINT RESTRAINTS FOR AWWA C900 PVC PIPE SHALL BE SERIES 2000 PV AND SERIES 1600 BY EBBA IRON SALES, INC., OR APPROVED EQUAL. MECHANICAL JOINT RESTRAINTS FOR DUCTILE IRON PIPE SHALL BE MEGALUG SERIES 100 BY EBBA IRON SALES, INC., OR APPROVED EQUAL. MECHANICAL JOINT ADAPTERS SHALL BE FOSTER ADAPTOR BY INFACT CORPORATION, OR APPROVED EQUAL.

24. GATE VALVES SHALL BE IRON BODIED, RESILIENT SEAT WEDGE TYPE WITH NON-RISING STEMS, 2-INCH SQUARE OPERATING NUTS, AND SHALL OPEN WHEN ROTATED COUNTER-CLOCKWISE (LEFT HAND). GATE VALVES SHALL MEET OR EXCEED AWWA C509 AND BE EPOXY LINED.

25. ALL UNDERGROUND WATER LINES SHALL HAVE A SINGLE STRAND TRACER WIRE (14 GA., BLUE) SECURED TO TOP OF PIPE AND BE CONTINUOUS BETWEEN VALVE BOXES. THE WIRE SHALL EXTEND UP THE OUTSIDE OF THE VALVE BOX EXTENSION THEN UP THE INSIDE OF THE VALVE BOX. A MINIMUM OF 12" OF WIRE SHALL BE LEFT COILED JUST BENEATH THE LID. ALL CONNECTIONS SHALL BE WATER TIGHT.

26. ALL SPLICES (SPLICES ONLY AT VALVE BOX LOCATIONS) IN TRACER WIRES SHALL BE WATER TIGHT AND MADE USING DBY SPLICE KIT, PART NO. 054007-09053 BY ELECTRICAL PRODUCTS DIVISION OF 3M CO., OR APPROVED EQUAL. AFTER WATER LINE CONSTRUCTION IS COMPLETE, A CONTINUITY TEST SHALL BE CONDUCTED ON THE TRACER WIRE BY THE CONTRACTOR IN THE PRESENCE OF THE DESIGN ENGINEER TO ENSURE ALL CONNECTIONS ARE GOOD.

27. GENERAL CONTRACTOR SHALL PERFORM DISINFECTION OF FACILITIES BY CHLORINATION ACCORDING TO OREGON ADMINISTRATIVE RULES 333-061-0050 (10) AND AWWA STANDARDS C651 THROUGH C654. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DE-CHLORINATION AS REQUIRED BY FEDERAL, STATE AND LOCAL REGULATIONS.

28. ALL DOMESTIC WATER PIPING AND APPURTENANCES SHALL BE REQUIRED TO PASS A HYDROSTATIC PRESSURE TEST EQUAL TO 1.5 TIMES THE WORKING PRESSURE, BUT AT LEAST 150 PSI CONFORMING TO PLUMBING CODE SPECIFICATIONS PRIOR TO FINAL ACCEPTANCE. ALL FIRE WATER PIPING AND APPURTENANCES SHALL BE REQUIRED TO PASS A HYDROSTATIC PRESSURE TEST EQUAL TO 1.5 TIMES WORKING PRESSURE, BUT AT LEAST 200 PSI CONFORMING TO NFPA SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE THE REQUIRED PERSONNEL AND MATERIAL TO PERFORM THE TESTS ABOVE. THE CONTRACTOR SHALL PROVIDE THE DESIGN ENGINEER WITH DOCUMENTATION OF ACCEPTANCE TESTS.

29. IF THE CONTRACTOR IS PLANNING A CITY WATER MAIN SHUT DOWN, THE CONTRACTOR SHALL GIVE ALL AFFECTED WATER USERS A MINIMUM OF 2 WORKING DAYS WRITTEN NOTICE (FLYERS INSERTED ON DOOR HANDLES ARE RECOMMENDED) PRIOR TO THE CITY SHUTTING DOWN THE MAIN. THE CITY INSPECTOR WILL SUPPLY THE CONTRACTOR WITH ADDRESSES OF THE AFFECTED WATER USERS.

30. A PRE TIE-IN MEETING IS REQUIRED A MINIMUM OF 3 DAYS BEFORE THE TIE-IN. THE TIE-IN SHALL BE SCHEDULED ON A WEEKDAY, EXCLUDING MONDAY & FRIDAY AND SHALL BEGIN EARLY MORNING. ALL PIPE, FITTINGS, AND APPURTENANCES SHALL BE PRESENT AT TIE-IN MEETING.

31. THE CONTRACTOR SHALL NOT ADJUST OR OPERATE WATER VALVES UNDER CITY JURISDICTION. IF IT IS DETERMINED BY THE CONTRACTOR THAT A CITY VALVE NEEDS TO BE OPERATED, THE CONTRACTOR SHALL NOTIFY THE CITY INSPECTOR A MINIMUM OF 2 DAYS BEFORE THE CONTRACTOR'S SCHEDULED DATE.

SEWER

32. ALL PIPE AND FITTINGS FOR THE SANITARY SEWER SERVICE LINES SHALL BE MADE OF PVC (GREEN IN COLOR) AND SHALL MEET THE REQUIREMENTS OF ASTM D-3034, SDR 35 TO A POINT 5 FEET OUTSIDE OF PROPOSED BUILDINGS. SEWER PIPE AND FITTINGS WITHIN 5 FEET OF PROPOSED BUILDINGS AND UNDER PROPOSED BUILDINGS SHALL BE PER THE PLUMBING PLANS.

33. ALL SEWER SERVICE LINES SHALL HAVE A SINGLE STRAND TRACER WIRE (14 GA., GREEN) PLACED ON TOP OF THE PIPE AND BE CONTINUOUS THROUGHOUT THE SYSTEM. THE WIRE SHALL EXTEND OUT OF THE GROUND AT CLEANOUTS AND COILED JUST BELOW THE LID WITH 12" OF EXCESS WIRE. ALL CONNECTIONS SHALL BE WATER TIGHT. ALL SPLICES IN TRACER WIRES SHALL BE WATER TIGHT AND MADE USING DBY SPLICE KIT, PART NO. 054007-09053 BY ELECTRICAL PRODUCTS DIVISION OF 3M CO., OR APPROVED EQUAL. AFTER SEWER LINE CONSTRUCTION IS COMPLETE, A CONTINUITY TEST SHALL BE CONDUCTED ON THE TRACER WIRE BY THE CONTRACTOR IN THE PRESENCE OF THE DESIGN ENGINEER TO ENSURE ALL CONNECTIONS ARE ADEQUATE.

34. SANITARY SEWER SERVICE LATERAL CLEANOUTS SHALL BE INSTALLED BY THE CONTRACTOR AS SHOWN ON THE DESIGN PLANS HEREIN.

35. WHERE SANITARY SEWER SERVICE LINES CROSS COMMON UTILITIES SUCH AS POWER, CABLE, GAS, OR TELEPHONE, A 6" MINIMUM CLEARANCE SPACE SHALL BE MAINTAINED.

36. SANITARY LINES SHALL BE REQUIRED TO PASS A LOW PRESSURE AIR TEST OR WATER TEST CONFORMING TO PLUMBING CODE SPECIFICATIONS PRIOR TO FINAL ACCEPTANCE. ALL PARTS OF THE SYSTEM SHALL BE CLEANED PRIOR TO FINAL ACCEPTANCE. THE CONTRACTOR SHALL PROVIDE THE REQUIRED PERSONNEL AND MATERIAL TO PERFORM THE TESTS ABOVE. THE CONTRACTOR SHALL PROVIDE THE DESIGN ENGINEER WITH DOCUMENTATION OF ACCEPTANCE TESTS.

STORM

37. ALL STORM PIPE AND FITTINGS IDENTIFIED AS HDPE SHALL BE ADVANCED DRAINAGE SYSTEMS (ADS) N-12 WT INTEGRAL BELL ADHERING TO ASTM C969 SOIL TIGHT FIELD TEST, OR APPROVED EQUAL. SIZE AND INSTALLATION SHALL BE AS SPECIFIED ON THE DESIGN PLANS HEREIN AND PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL PROTECT PIPE FROM ANY TRAFFIC LOADS UNTIL 12" COMPACTED COVER IS ATTAINED.

38. ALL STORM PIPES SHALL HAVE A SINGLE STRAND TRACER WIRE (14 GA., GREEN) PLACED ON TOP OF THE PIPE AND BE CONTINUOUS THROUGHOUT THE SYSTEM. THE WIRE SHALL EXTEND OUT OF THE GROUND AT THE CONTROL STRUCTURE AND BE COILED JUST BELOW THE LID WITH 12" OF EXCESS WIRE. ALL CONNECTIONS SHALL BE WATER TIGHT. ALL SPLICES IN TRACER WIRES SHALL BE WATER TIGHT AND MADE USING DBY SPLICE KIT, PART NO. 054007-09053 BY ELECTRICAL PRODUCTS DIVISION OF 3M CO., OR APPROVED EQUAL. AFTER STORM LINE CONSTRUCTION IS COMPLETE, A CONTINUITY TEST SHALL BE CONDUCTED ON THE TRACER WIRE BY THE CONTRACTOR IN THE PRESENCE OF THE DESIGN ENGINEER TO ENSURE ALL CONNECTIONS ARE GOOD.

CONCRETE & ASPHALT

39. ALL SITE CONCRETE SHALL DEVELOP A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI. ALL EXPOSED CONCRETE SHALL HAVE AIR ENTRAINMENT OF 6%, +/- 1% AND HAVE A MAXIMUM SLUMP OF 4". ALL CONCRETE WORK SHALL BE CURED PER ACI 315-05 STANDARDS.

40. ASPHALT SHALL BE A MINIMUM OF 3" OF ODOT LEVEL 2 - 1/2" MIX WITH PG 64-28 ASPHALT BINDER. EXISTING ASPHALT TO REMAIN SHALL HAVE NEAT SAWCUT EDGES AND BE TACK COATED PRIOR TO PAVING.

REGISTERED PROFESSIONAL ENGINEER
58062PE
OREGON
JUNE 29, 2009
JONATHAN M. MORITZ
EXPIRES 12/31/26

No.	REVISION	DATE	BY

CITY OF CHILOQUIN
PUBLIC WORKS BUILDING
CHILOQUIN, OR 97624
GENERAL NOTES

SCALE	AS SHOWN
DATE	09.14.2026
SHEET	2
PROJ. NO.	1011-88
DESIGNED BY	APG
SURVEYED BY	AE&S
DRAWN BY	APG
CHECKED BY	JMM

SHEET NUMBER:

C2

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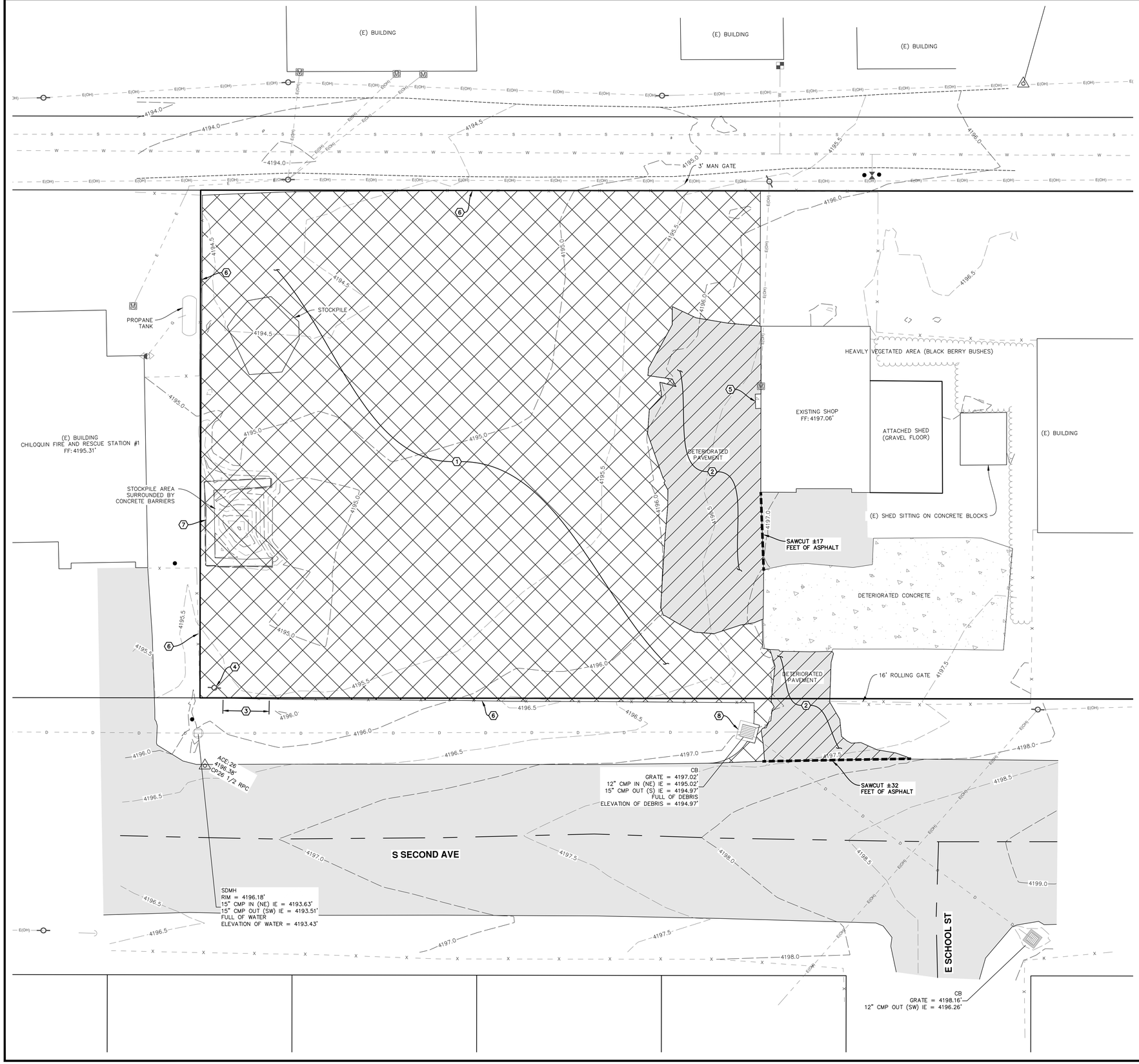
ENGINEERING • SURVEYING • PLANNING • TESTING



10 0 5 10

(FEET)

DEMOLITION NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AND TOPOGRAPHIC FEATURES PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCIES OR VARIATIONS FROM THE PLANS.
2. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGES TO ADJACENT PROPERTIES THAT OCCUR DURING THE CONSTRUCTION OF THE PROJECT.
3. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING THE PERFORMANCE OF WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
4. PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDING AND FACILITIES TO REMAIN.
5. PROVIDE PROTECTION TO ALLOW SAFE PASSAGE OF PEOPLE AROUND CONSTRUCTION AREAS AND TO AND FROM OCCUPIED PORTIONS OF THE BUILDING.
6. DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED. USE METHODS REQUIRED TO COMPLETE THE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS.
7. EXCEPT FOR ITEMS OR MATERIALS INDICATED TO BE RECYCLED, REUSED, SALVAGED, REINSTALLED, OR OTHERWISE INDICATED TO REMAIN ON THE OWNER'S PROPERTY, REMOVE DEMOLISHED MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN AN APPROVED LANDFILL.

CONSTRUCTION NOTES

1. CLEAR AND GRUB EXISTING AREA.
2. REMOVE AND DISPOSE OF EXISTING PAVEMENT.
3. REMOVE AND DISPOSE OF EXISTING FENCE.
4. REMOVE AND DISPOSE OF EXISTING POWER POLE.
5. EXISTING CONCRETE TO REMAIN AND BE PROTECTED DURING CONSTRUCTION.
6. EXISTING FENCE TO REMAIN AND BE PROTECTED DURING CONSTRUCTION.
7. REMOVE AND DISPOSE OF EXISTING CONCRETE BARRIERS.
8. EXISTING CATCH BASIN TO REMAIN AND BE PROTECTED DURING CONSTRUCTION.

LEGEND

- ASPHALT/CONCRETE TO BE REMOVED
- AREA TO BE CLEARED AND GRUBBED
- SAW CUT LOCATION

NOTES

1. ELEVATIONS ARE BASED ON NAVD. 1988.
2. BASIS OF BEARING IS GRID NORTH OF THE OREGON COORDINATE REFERENCE SYSTEM (OCRS), BEND–KLAMATH FALLS ZONE.

UTILITY STATEMENT:
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

REGISTERED PROFESSIONAL ENGINEER
58062PE
OREGON
JUNE 29, 2009
JONATHAN M. MORITZ
EXPIRES 12/31/26

No.	REVISION	DATE	BY

CITY OF CHILOQUIN
PUBLIC WORKS BUILDING
CHILOQUIN, OR 97624
EXISTING CONDITIONS & DEMOLITION PLAN

ADKINS ENGINEERING & SURVEYING
o / 541.884.4666
w / AdkinsEngineering.com
1435 ESPLANADE AVENUE, KLAMATH FALLS, OR 97601
SERVING S. OREGON & N. CALIFORNIA
ENGINEERING • SURVEYING • PLANNING • TESTING

SCALE	SHOWN	DESIGNED BY	APG
DATE	09.14.2026	SURVEYED BY	AE&S
SHEET	3	DRAWN BY	APG
PROJ. NO.	1011-88	CHECKED BY	JMM

SHEET NUMBER:

C3

(E) BUILDING

(E) BUILDING

(E) BUILDING

3' MAN GATE

5'

51.3'

19.6'

OVERHEAD DOOR

OVERHEAD DOOR

OVERHEAD DOOR

OVERHEAD DOOR

VEHICLE STORAGE

PROPOSED PUBLIC WORKS BUILDING
50'x80' (4,000 SF)
FF: 4196.70

PROPANE TANK

PROPANE HEATER

(E) BUILDING
CHILOQUIN FIRE AND RESCUE STATION #1
FF: 4195.31'

RESTROOM

BREAK/RECEPTION ROOM

OFFICE

OFFICE

5.67'

DETENTION POND

47.5'

17'

10' GATE

R10'

R10'

R10'

R10'

HEAVILY VEGETATED AREA (BLACK BERRY BUSHES)

EXISTING SHOP
FF: 4197.06'

ATTACHED SHED
(GRAVEL FLOOR)

(E) BUILDING

(E) SHED SITTING ON CONCRETE BLOCKS

DETERIORATED CONCRETE

16' ROLLING GATE

18'

CB
GRATE = 4197.02'
12" CMP IN (NE) IE = 4195.02'
15" CMP OUT (S) IE = 4194.97'
FULL OF DEBRIS
ELEVATION OF DEBRIS = 4194.97'

S SECOND AVE

SDMH
RIM = 4196.18'
15" CMP IN (NE) IE = 4193.63'
15" CMP OUT (SW) IE = 4193.51'
FULL OF WATER
ELEVATION OF WATER = 4193.43'

E SCHOOL ST

CB
GRATE = 4198.16'
12" CMP OUT (SW) IE = 4196.26'

10 0 5 10
(FEET)

CONSTRUCTION NOTES

1. CONSTRUCT GRAVEL SECTION PER DETAIL 6, SHEET C9.
2. INSTALL CONCRETE SLAB PER DETAIL 8, SHEET C9. (DEDUCTIVE BID ITEM #3)
3. INSTALL ASPHALT SECTION PER DETAIL 7, SHEET C9.
4. INSTALL DOUBLE SWING GATE PER DETAIL 10, SHEET C9.

REGISTERED PROFESSIONAL ENGINEER
58062PE
OREGON
JUNE 29, 2009
JONATHAN M. MORITZ
EXPIRES 12/31/26

No.	REVISION	DATE	BY

CITY OF CHILOQUIN
PUBLIC WORKS BUILDING
CHILOQUIN, OR 97624
SITE PLAN

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SCALE	SHOWN	DESIGNED BY	APG
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SHEET		DRAWN BY	APG
PROJ. NO.	1011-88	CHECKED BY	JMM

SHEET NUMBER:

C4



GENERAL GRADING NOTES

1. GRADE SITE TO ELEVATIONS SHOWN. SEE SITE PLAN FOR DIMENSIONS.
2. GRADES SHOWN WHERE PROPOSED AND EXISTING SURFACES MEET ARE FOR REFERENCE ONLY. CONTRACTOR SHALL MATCH GRADES AS REQUIRED TO MAKE A SMOOTH TRANSITION.
3. ALL REVISIONS TO GRADING PLANS, OR MATERIAL SUBSTITUTION REQUESTS, PROPOSED DURING CONSTRUCTION SHALL BE SUBMITTED IN WRITING TO THE ENGINEER OF RECORD.
4. NO FILL SHALL BE PLACED ON EXISTING GROUND UNTIL THE GROUND HAS BEEN CLEARED OF WEEDS, DEBRIS, TOPSOIL, AND OTHER DELETERIOUS MATERIALS.

CONSTRUCTION NOTES

(1) MATCH EXISTING ELEVATIONS.

GRADING LEGEND

- AC = ASPHALT CONCRETE
- EG = EXISTING GRADE
- FF = FINISH FLOOR
- FG = FINISH GRADE
- RIM = TOP OF RIM
- SW = SIDEWALK
- TG = TOP OF GRATE

NOTE
ADD 4100.00 FEET TO ALL SPOT ELEVATIONS SHOWN

REGISTERED PROFESSIONAL ENGINEER
58062PE
OREGON
JUNE 29, 2005
JONATHAN M. MORITZ
EXPIRES 12/31/26

No.	REVISION	DATE	BY

CITY OF CHILOQUIN
PUBLIC WORKS BUILDING
CHILOQUIN, OR 97624
GRADING PLAN

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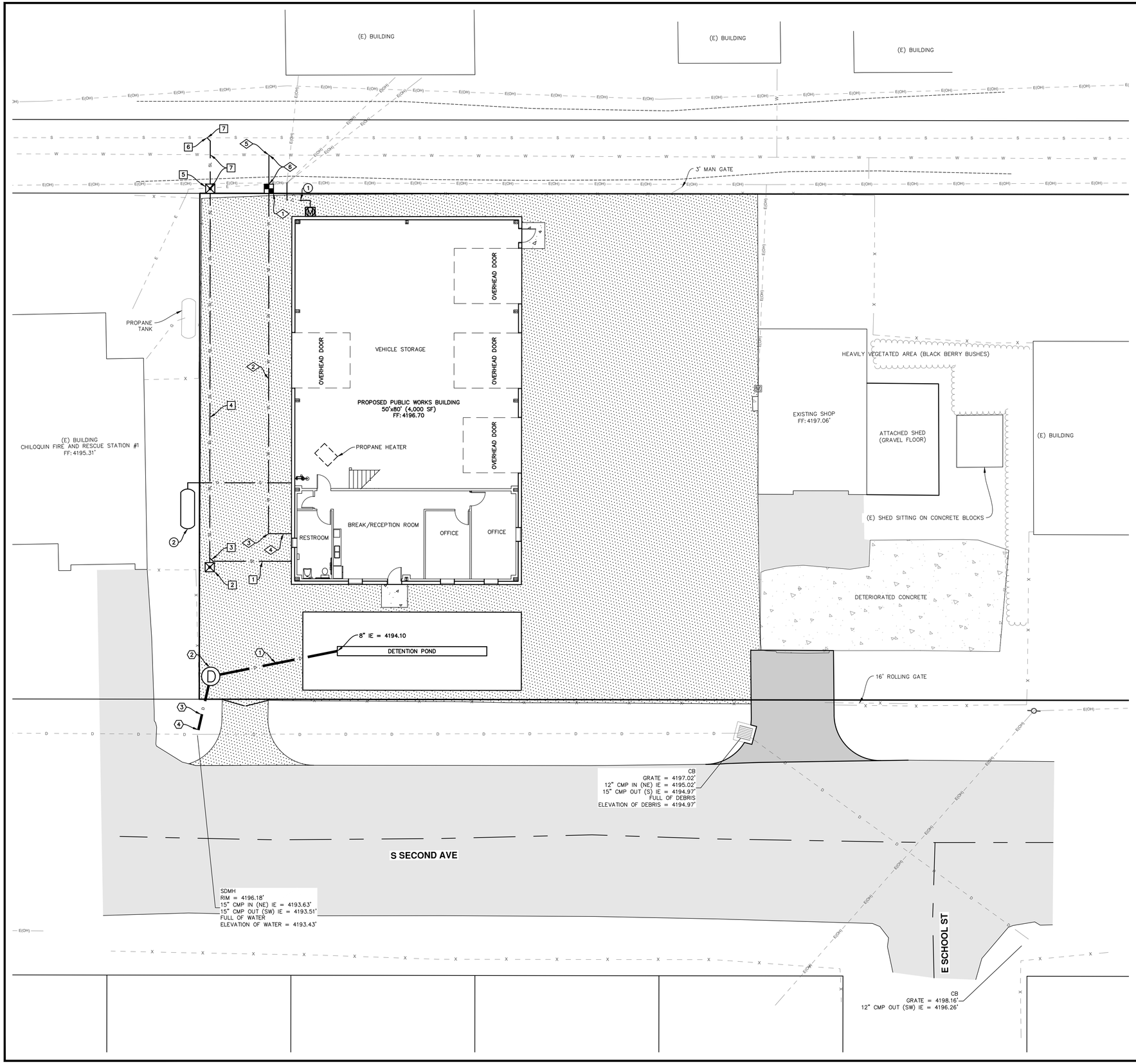
SCALE	SHOWN	DESIGNED BY	APG
DATE	09.14.2026	SURVEYED BY	AE&S
SHEET		DRAWN BY	APG
PROJ. NO.	1011-88	CHECKED BY	JMM

SHEET NUMBER:

C5


(E) BUILDING
(E) BUILDING
(E) BUILDING
3' MAN GATE
PROPANE TANK
VEHICLE STORAGE
OVERHEAD DOOR
OVERHEAD DOOR
OVERHEAD DOOR
PROPOSED PUBLIC WORKS BUILDING
50'x80' (4,000 SF)
FF: 4196.70
PROPANE HEATER
(E) BUILDING
CHILOQUIN FIRE AND RESCUE STATION #1
FF: 4195.31'
BREAK/RECEPTION ROOM
RESTROOM
OFFICE
OFFICE
8" IE = 4194.10
DETENTION POND
HEAVILY VEGETATED AREA (BLACK BERRY BUSHES)
EXISTING SHOP
FF: 4197.06'
ATTACHED SHED
(GRAVEL FLOOR)
(E) BUILDING
(E) SHED SITTING ON CONCRETE BLOCKS
DETERIORATED CONCRETE
16' ROLLING GATE
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GRATE = 4197.02'
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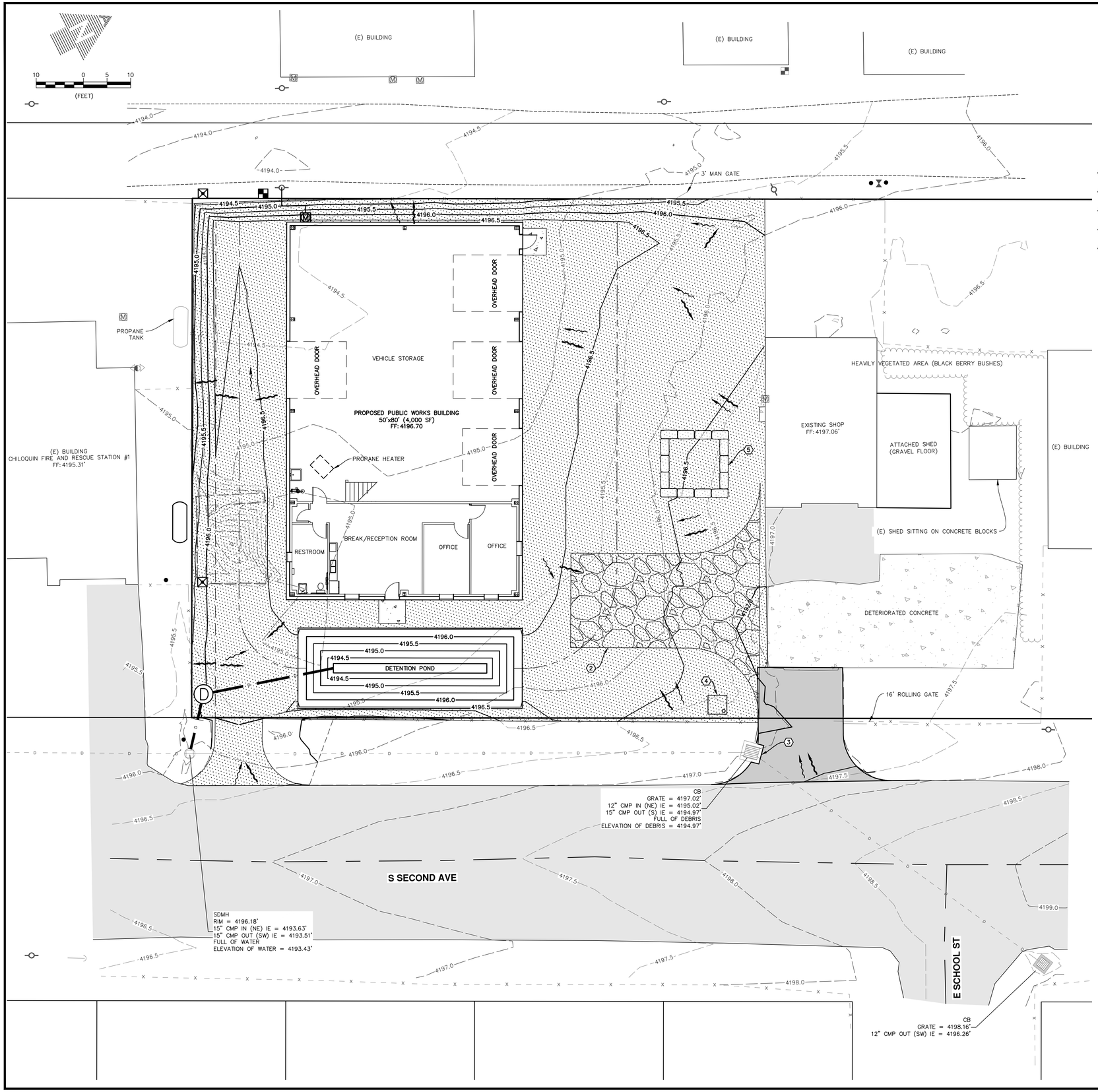
CB
GRATE = 4198.16'
12" CMP OUT (SW) IE = 4196.26'
E(OH)
E(OH)
E(OH)



SITE DESCRIPTION

1. SITE LOCATION IS TAXLOT 3407–034DC–03200, CHILOQUIN, OREGON 97624.
2. SITUATED IN SW1/4 SE1/4 SECTION 34, T34S, R07E, W.M. KLAMATH COUNTY, OREGON.
3. TOTAL APPROXIMATE AREA OF ENTIRE SITE = 43,560 SF. (1.00 AC.)
4. AREA OF SITE EXPECTED TO BE DISTURBED = 14,230 SF. (0.33 AC.)
5. THE PROPOSED CONSTRUCTION IS FOR A NEW PUBLIC WORKS BUILDING WITH PARKING AND LOADING AREAS.
6. ESTIMATED CUT: 21 CY, FILL: 550 CY

ESC INSTALLATION NOTES

AFTER CITY ACCEPTANCE OF THE EROSION CONTROL PLAN AND BEFORE ISSUANCE OF THE SITE CONSTRUCTION PERMIT, THE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL MEASURES.

1. SEDIMENT AND EROSION CONTROL MEASURES SHALL ADHERE TO THE GRADING & EROSION CONTROL STANDARD NOTES PER CSDN 3–225, SHEET C7.
2. PROVIDE LARGE SITE CONSTRUCTION ENTRANCE. INSTALL PER OREGON STANDARD DRAWING RD1000, SHEET C8. ACCESS TO THE SITE SHALL BE FROM S SECOND AVE.
3. INSTALL FILTER INSERT INLET PROTECTION IN EXISTING AND PROPOSED CATCH BASIN LOCATIONS PER OREGON STANDARD DRAWING RD1010, SHEET C8.
4. CONTRACTOR TO PLACE SANITARY FACILITY FOR USE DURING CONSTRUCTION. EXACT LOCATION WILL VARY DEPENDENT ON CONSTRUCTION ACTIVITIES.
5. INSTALL CONCRETE WASHOUT PER DETAIL RD1070, SHEET C8.

ESCP LEGEND

- SLOPE ARROW (PRE CONSTRUCTION)
- SLOPE ARROW (POST CONSTRUCTION)
- 50'X20' CONSTRUCTION ENTRANCE (NTS)
- CONCRETE TRUCK WASHOUT
- 4196.0 CONTOUR EXISTING
- 4196.0 CONTOUR PROPOSED
- SANITARY FACILITY
- PAVEMENT

GRADING AND EROSION CONTROL STANDARD NOTES

1. IMPLEMENTATION OF THE GRADING AND EROSION CONTROL PLAN AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF EROSION CONTROL FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/OWNER AND THEIR CONTRACTOR/SUBCONTRACTORS UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED, AND PERMANENT COVER IS ESTABLISHED ON THE SITE. GRADING AND EROSION CONTROL SHALL COMPLY WITH THE CONSTRUCTION DOCUMENTS AND CITY STANDARDS.
2. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. IT SHALL BE SOLE ENTRANCE OR EGRESS FROM THE SITE. ADDITIONAL MEASURES MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
3. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE APPLICANT/OWNER AND THEIR CONTRACTOR/SUBCONTRACTORS FOR THE DURATION OF CONSTRUCTION.
4. EROSION CONTROL MEASURES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT LEAVE THE SITE.
5. THE EROSION CONTROL FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE EROSION CONTROL FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS OR SITE CONDITIONS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT LEAVE THE SITE.
6. EROSION CONTROL FACILITIES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE PER MONTH AND WITHIN 24 HOURS FOLLOWING A STORM EVENT.
7. VISIBLE DEPOSITS OF SEDIMENT THAT LEAVE THE SITE SHALL BE CLEANED UP WITHIN 24 HOURS AND PLACED BACK ONTO THE SITE OR PROPERLY DISPOSED. UNDER NO CONDITION SHALL SEDIMENT FROM THE CONSTRUCTION SITE BE WASHED INTO SEWERS, DRAINAGE COURSES, OR OTHER PORTIONS OF THE CONVEYANCE SYSTEM.
8. EXCESS SOIL FROM THE SITE SHALL BE HAULED TO THE SITE SPECIFIED ON THE EROSION CONTROL PLAN. A SEPARATE PERMIT IS REQUIRED FOR THE FILL SITE IF THE QUANTITY HAULED EXCEEDS 50 CUBIC YARDS.
9. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A TRAPPED CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE SYSTEMS SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.
10. DUST CONTROL: PREVENTATIVE MEASURES TO MINIMIZE WIND TRANSPORT OF SOIL SHALL BE IMPLEMENTED WHEN A NUISANCE OR TRAFFIC HAZARD MAY BE CREATED OR WHEN SEDIMENT TRANSPORTED BY WIND MAY BE DEPOSITED IN WATER RESOURCES.
11. ONCE CONSTRUCTION IS COMPLETE AND PERMANENT COVER IS ESTABLISHED, CALL FOR FINAL INSPECTION FROM THE CITY. REMOVE TEMPORARY EROSION CONTROL MEASURES WHEN APPROVED BY THE CITY.
12. AT THE TIME OF PROJECT CLOSE-OUT, FOR THOSE REQUIRING A DEQ 1200-C PERMIT, THE CITY WILL NOT ACCEPT THE PROJECT UNTIL DEQ HAS SATISFACTORILY APPROVED THE PROJECT AND TERMINATED THE DEQ PERMIT. IN LIEU OF THAT REQUIREMENT THE DEVELOPER WILL NEED TO APPLY FOR A CITY SITE CONSTRUCTION PERMIT FOR GRADING PURPOSES ONLY. AN UPDATED PLAN AND CURRENT FEE WILL APPLY AND BE SUBMITTED WITH THE PERMIT APPLICATION. THE CITY PERMIT WILL REMAIN ACTIVE UNTIL THE DEVELOPER HAS AN APPROVED TERMINATION OF THE 1200-C PERMIT BY DEQ, WHICH A COPY SHALL BE PROVIDED TO THE CITY.

CITY OF KLAMATH FALLS

Date	Revision:
1	2/11 5th EDITION

GRADING & EROSION CONTROL STANDARD NOTES

Approved By: Don Wilcox

Drwn. By: GDG
Date: 1/2002
Drwg. No.: 3-225

REGISTERED PROFESSIONAL ENGINEER
58062PE
OREGON
JUNE 29, 2005
JONATHAN M. MORITZ
EXPIRES 12/31/26

No.	REVISION	DATE	BY

CITY OF CHILOQUIN
PUBLIC WORKS BUILDING
CHILOQUIN, OR 97624
EROSION & SEDIMENT CONTROL PLAN

ADKINS ENGINEERING & SURVEYING
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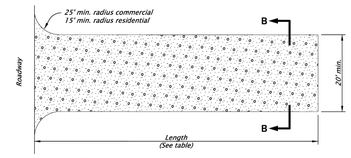
SCALE	SHOWN	DESIGNED BY	APG
DATE	09.14.2026	SURVEYED BY	A&S
SHEET	7	DRAWN BY	APG
PROJ. NO.	1011-88	CHECKED BY	JMM

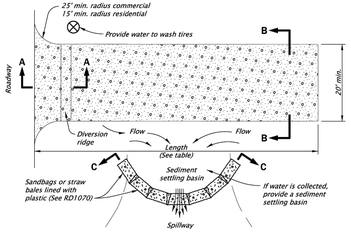
SHEET NUMBER:

C7

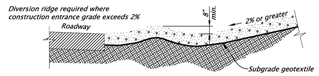
RD1000.dgn 20-JAN-2021



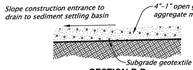
CONSTRUCTION ENTRANCE - TYPE 1
NOT TO SCALE



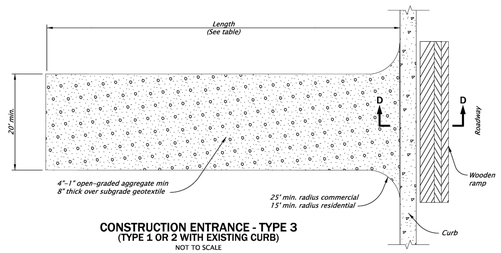
CONSTRUCTION ENTRANCE - TYPE 2
NOT TO SCALE



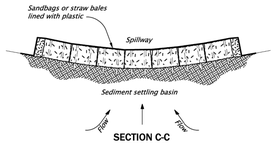
SECTION A-A
NOT TO SCALE



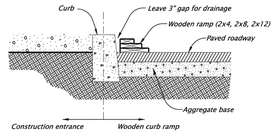
SECTION B-B
NOT TO SCALE



CONSTRUCTION ENTRANCE - TYPE 3
(TYPE 1 OR 2 WITH EXISTING CURB)
NOT TO SCALE



SECTION C-C
NOT TO SCALE



WOODEN CURB RAMP SECTION D-D
NOT TO SCALE

NOTES:
1. *The Type 1 entrance is a simple entrance without a diversion ridge or settling basin.*
2. *The wooden ramp may be used on either Type 1 or Type 2 entrances in situations where there is curb and the curb is not removed for the construction entrance.*

CONSTRUCTION ENTRANCE TABLE MINIMUM LENGTH	
Length (FT)	*Area Of Exposed Soil (Acre)*
20	*0.25*
50	*0.25 < A < 1.0*
100	*A > 1.0*

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

CONSTRUCTION ENTRANCES

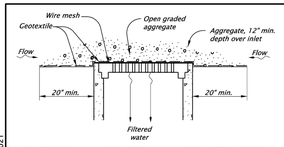
2024

DATE	REVISION DESCRIPTION
01-2021	REMOVED CALC BOOK NUMBERS

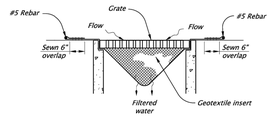
CALC BOOK NO. N/A | ODR DATE 20-JAN-2021 | **RD1000**

Effective Date: June 1, 2026 – November 30, 2026

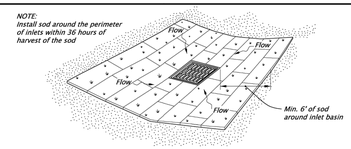
RD1010.dgn 20-JAN-2021



GEOTEXTILE/WIRE MESH/AGGREGATE - TYPE 2
NOT TO SCALE



PREFABRICATED FILTER INSERT - TYPE 3
NOT TO SCALE



SOD PROTECTION - TYPE 6
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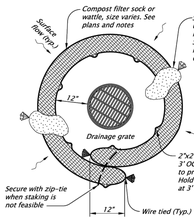
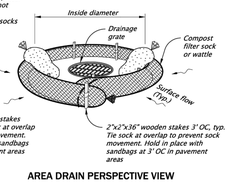
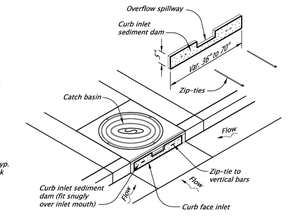


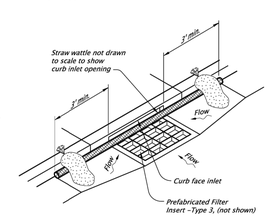
AREA DRAIN PLAN



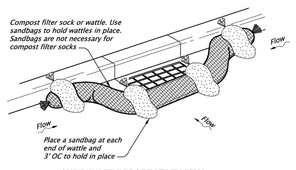
AREA DRAIN PERSPECTIVE VIEW



CURB INLET SEDIMENT DAM - TYPE 10
NOT TO SCALE



WATTLE BARRIER WITH FILTER INSERT - TYPE 11
NOT TO SCALE



CURB INLET PERSPECTIVE VIEW

COMPOST FILTER SOCK OR WATTLE - TYPE 7
NOT TO SCALE

NOTES:
Type 2 – Geotextile/wire mesh/aggregate
Place the wire mesh over the grate.
Place sediment fence geotextile over the wire mesh and perimeter area around structure.
Install aggregate over the geotextile fabric.

Type 3 – Prefabricated filter inserts
Install prefabricated filter inserts according to the plans, special provisions, and manufacturer recommendations.
Prefabricated inserts with provisions for overflow are allowed only when accompanied by additional BMP's to prevent the potential of sediments entering project storm systems.
Field fabricated inserts are not allowed.

Type 7 – Compost filter sock
Drive 2"x2" wood stakes a minimum of 6" into ground and flush with the top of the sock.
Overlap ends of sock per manufacturers recommendations (12"min., 36" max.).
Use 8" to 12" dia sock on curbside in traffic areas.

(Type 7 cont.)
Use 12" to 18" dia sock in non–traffic areas or areas where the larger socks can be used safely.
use synthetic mesh socks for temporary installations.

Type 10 – Curb inlet sediment dam
Fit curb inlet sediment dam snugly into inlet mouth. Curb inlet sediment dam is required for use with inlet filter insert where at–grade inlet grate and curb inlet are combined at a catch basin.

Type 11 – Wattle barrier with filter insert
Install prefabricated filter insert per Type 3 detail.
Install wattles over opening and 36" to each side of opening tight against curb. Adjust wattle to force storm water to flow through filter insert or wattle prior to leaving the site.
Adjust, replace or modify the inlet protection as needed to prevent sediment laden water from entering the catch basin.

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

INLET PROTECTION
TYPE 2, 3, 6, 7, 10 AND 11

2024

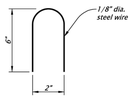
DATE	REVISION DESCRIPTION
01-2021	REMOVED CALC BOOK NUMBERS
01-2021	MOVED NOTES UP FROM OVERLAPPING THE SHEET BORDER

CALC BOOK NO. N/A | ODR DATE 20-JAN-2021 | **RD1010**

Effective Date: June 1, 2026 – November 30, 2026

RD1070.dgn 20-JAN-2021

PLAN



STAPLE DETAIL
NOT TO SCALE

SECTION A-A

CONCRETE TRUCK WASH OUT FACILITY
NOT TO SCALE

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

CONCRETE TRUCK WASH OUT

2024

DATE	REVISION DESCRIPTION

CALC BOOK NO. N/A | ODR DATE 20-JAN-2021 | **RD1070**

Effective Date: June 1, 2026 – November 30, 2026

REGISTERED PROFESSIONAL ENGINEER
58062PE
OREGON
JUNE 29, 2009
JONATHAN M. MORITZ
EXPIRES 12/31/26

No.	REVISION	DATE	BY

CITY OF CHILOQUIN
PUBLIC WORKS BUILDING
CHILOQUIN, OR 97624

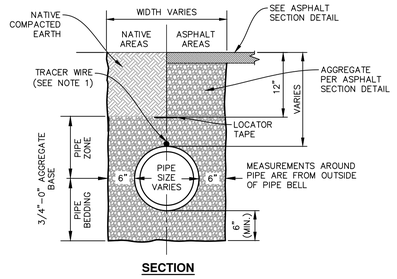
EROSION & SEDIMENT CONTROL DETAILS

ADKINS ENGINEERING & SURVEYING
o / 541.884.4666
w / AdkinsEngineering.com
1435 ESPLANADE AVENUE, KLAMATH FALLS, OR 97601
SERVING S. OREGON & N. CALIFORNIA
ENGINEERING • SURVEYING • PLANNING • TESTING

SCALE	SHOWN
DESIGNED BY	APG
SURVEYED BY	AE&S
DRAWN BY	APG
CHECKED BY	JMM
DATE	08.14.2026
SHEET	8
PROJ. NO.	1011-88

SHEET NUMBER:

C8



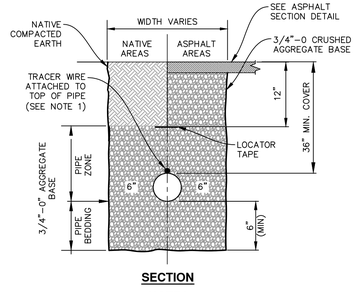
SECTION

NOTES

1. TRACER WIRE SPLICES SHALL BE WATERTIGHT AND MADE WITH A DBY SPLICE KIT, PART NUMBER 054007-09053, AS MANUFACTURED BY THE ELECTRICAL PRODUCTS DIVISION OF 3M, OR EQUAL. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
2. TRENCH SHALL BE COMPACTED TO NOT LESS THAN 95% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D698.

1 C9 TRENCH DETAIL (STORM & SEWER)

N.T.S.



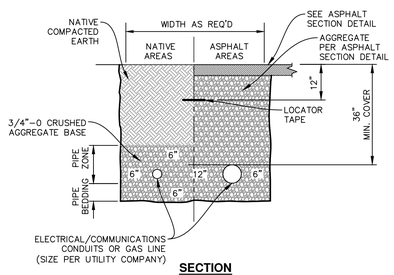
SECTION

NOTES

1. TRACER WIRE SPLICES SHALL BE WATERTIGHT AND MADE WITH A DBY SPLICE KIT, PART NUMBER 054007-09053, AS MANUFACTURED BY THE ELECTRICAL PRODUCTS DIVISION OF 3M, OR EQUAL. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
2. TRENCH SHALL BE COMPACTED TO NOT LESS THAN 95% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D698.

2 C9 TRENCH SECTION (WATER)

N.T.S.



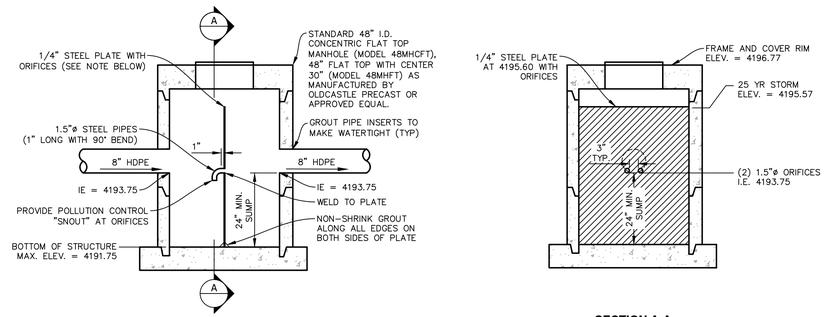
SECTION

NOTES

1. TRENCH SHALL BE COMPACTED TO NOT LESS THAN 95% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D698.
2. CONTRACTOR TO COORDINATE WITH INDIVIDUAL UTILITY COMPANIES.

3 C9 ELECTRICAL/COMMUNICATIONS /GAS TRENCH DETAIL

N.T.S.



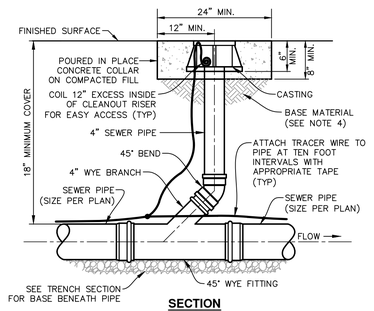
PROFILE VIEW **SECTION A-A**

NOTES

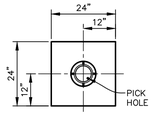
1. INSTALL STEEL PLATE WITH 3/16" THICK 1½" ANGLE IRON WITH ¼"x1" MECHANICAL ANCHORS INTO MANHOLE WALL AND BOTTOM AT 12" O.C. WELD OR BOLT STEEL PLATE TO ANGLE IRON AT 8" O.C. GROUT OR MASONRY CAULK ANGLES AND PLATE.

4 C9 STORM WATER CONTROL STRUCTURE

N.T.S.



SECTION
IN-LINE CLEANOUT



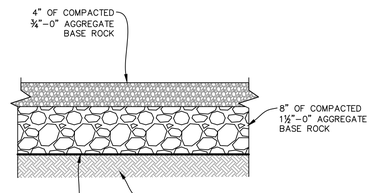
TOP VIEW

NOTES

1. INSTALLATION OF CLEANOUT SHALL INCLUDE ADJUSTING RISER TO FINISHED GRADE AFTER FINAL SURFACE HAS BEEN PLACED.
2. CASTING SHALL BE VALLEY IRON & STEEL CO. NO. 202 OR APPROVED EQUAL.
3. CONCRETE COLLAR SHALL BE CONSTRUCTED OF CLASS 4000 CONCRETE, HAVE A MINIMUM CEMENT CONTENT OF 6 SACKS PER CY, AIR ENTRAINMENT OF 6% (±1%), AND SHALL BE PLACED ON COMPACTED BACKFILL.
4. BASE MATERIAL BENEATH CONCRETE COLLAR FOR NON-TRAFFIC AREAS SHALL BE THOROUGHLY COMPACTED NATIVE EARTH. BASE MATERIAL FOR TRAFFIC AREAS SHALL BE 6" MINIMUM OF 3/4"-0 COMPACTED TO 95% OF MAXIMUM DRY DENSITY PER ASTM D698.
5. IN-LINE CLEANOUTS SHALL BE INSTALLED TO PROVIDE ROUTER ACCESS IN THE UPSTREAM DIRECTION. END-OF-LINE CLEANOUTS SHALL PROVIDE ROUTER ACCESS IN THE DOWNSTREAM DIRECTION.

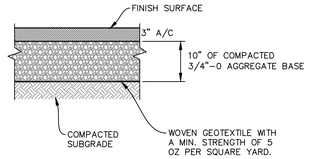
5 C9 SANITARY SEWER CLEANOUT

N.T.S.



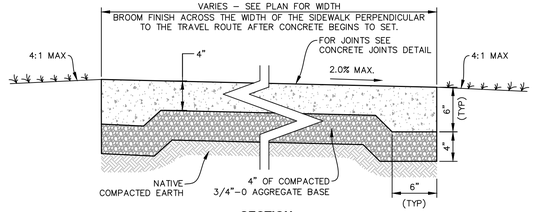
6 C9 GRAVEL SECTION DETAIL

N.T.S.



7 C9 PAVEMENT SECTION

N.T.S.



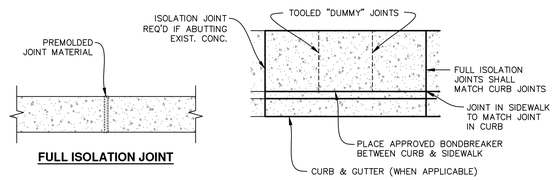
SECTION

NOTES

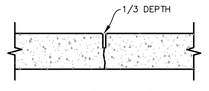
1. FOR JOINTS SEE CONCRETE JOINTS DETAIL.
2. CONCRETE SHALL BE CONSTRUCTED TO 4000 PSI COMPRESSIVE STRENGTH IN 28 DAYS, SIX SACK, 5%-6% AIR ENTRAINMENT.

8 C9 CONCRETE SLAB WITH THICKENED EDGE

N.T.S.



FULL ISOLATION JOINT **PLAN VIEW**



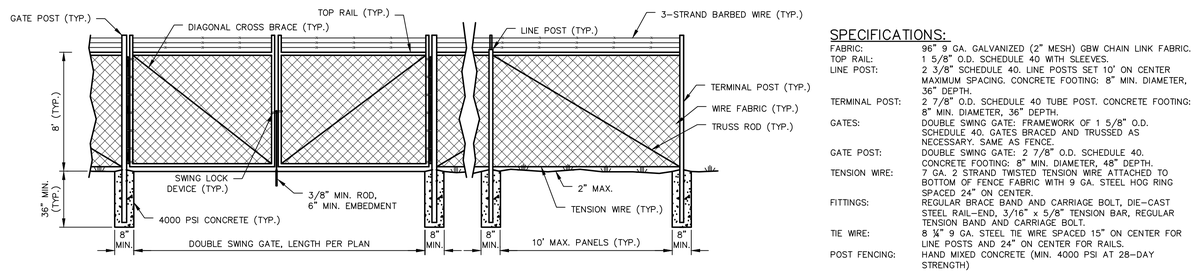
TOOLED "DUMMY" JOINT

NOTES

1. TYPICAL ISOLATION JOINTS AND TOOLED "DUMMY" JOINTS SHALL BE INSTALLED ALONG SIDEWALKS. JOINTS SHALL BE NO MORE THAN 6' APART AND SHALL BE EVENLY SPACED. EVERY THIRD JOINT SHALL BE A FULL ISOLATION JOINT.
2. INSTALL APPROVED PRE-MOLDED JOINT MATERIAL FOR FULL ISOLATION JOINTS AND BETWEEN CURB AND SIDEWALK AND AROUND ANY OBSTRUCTION WITHIN SIDEWALK AREA.

9 C9 CONCRETE JOINTS DETAIL

N.T.S.



SPECIFICATIONS:

FABRIC:	96" 9 GA. GALVANIZED (2" MESH) GBW CHAIN LINK FABRIC.
TOP RAIL:	1 5/8" O.D. SCHEDULE 40 WITH SLEEVES.
LINE POST:	2 3/8" SCHEDULE 40. LINE POSTS SET 10' ON CENTER MAXIMUM SPACING. CONCRETE FOOTING: 8" MIN. DIAMETER, 36" DEPTH.
TERMINAL POST:	2 7/8" O.D. SCHEDULE 40 TUBE POST. CONCRETE FOOTING: 8" MIN. DIAMETER, 36" DEPTH.
GATES:	DOUBLE SWING GATE: FRAMEWORK OF 1 5/8" O.D. SCHEDULE 40. GATES BRACED AND TRUSSED AS NECESSARY. SAME AS FENCE.
GATE POST:	DOUBLE SWING GATE: 2 7/8" O.D. SCHEDULE 40. CONCRETE FOOTING: 8" MIN. DIAMETER, 48" DEPTH.
TENSION WIRE:	7 GA. 2 STRAND TWISTED TENSION WIRE ATTACHED TO BOTTOM OF FENCE FABRIC WITH 9 GA. STEEL HOG RING SPACED 24" ON CENTER.
FITTINGS:	REGULAR BRACE BAND AND CARRIAGE BOLT, DIE-CAST STEEL RAIL-END, 3/16" x 5/8" TENSION BAR, REGULAR TENSION BAND AND CARRIAGE BOLT.
TIE WIRE:	8 ¼" 9 GA. STEEL TIE WIRE SPACED 15" ON CENTER FOR LINE POSTS AND 24" ON CENTER FOR RAILS.
POST FENCING:	HAND MIXED CONCRETE (MIN. 4000 PSI AT 28-DAY STRENGTH)

10 C9 CHAINLINK FENCE DETAIL

N.T.S.

REGISTERED PROFESSIONAL ENGINEER
58062PE
OREGON
JUNE 29, 2005
JONATHAN M. MORITZ
EXPIRES 12/31/26

No.	REVISION	DATE	BY

CITY OF CHILOQUIN
PUBLIC WORKS BUILDING
CHILOQUIN, OR 97624
DETAILS (PRIVATE)

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w / AdkinsEngineering.com
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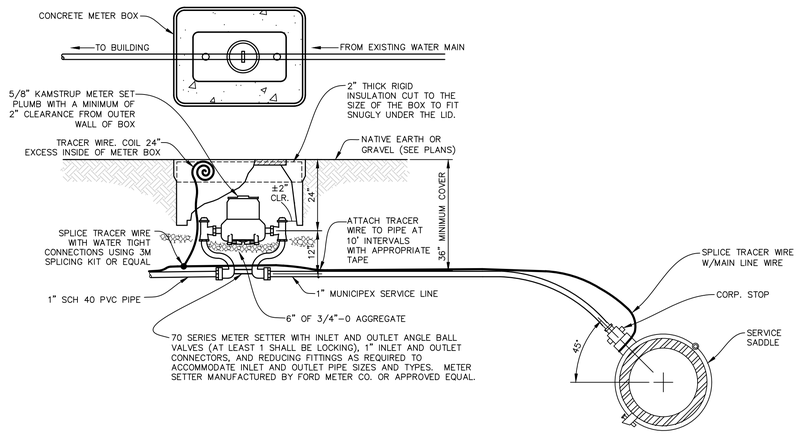
SERVING S. OREGON & N. CALIFORNIA
ENGINEERING • SURVEYING • PLANNING • TESTING

SCALE	SHOWN	DESIGNED BY	APG
DATE	09.14.2026	SURVEYED BY	AE&S
SHEET	9	DRAWN BY	APG
PROJ. NO.	1011-88	CHECKED BY	JMM

SHEET NUMBER:

C9



1 C10 WATER SERVICE CONNECTION

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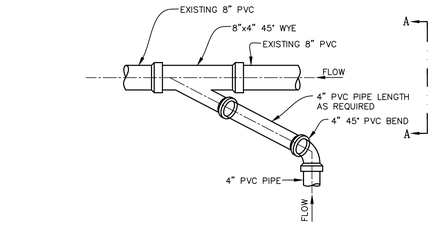
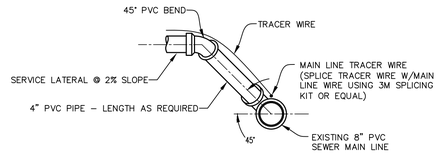


PLAN



SECTION A-A

2 C10 SANITARY SEWER WYE SERVICE CONNECTION DETAIL

N.T.S.

REGISTERED PROFESSIONAL ENGINEER
58062PE
OREGON
JUNE 29, 2009
JONATHAN M. MORITZ
EXPIRES 12/31/26

No.	REVISION	DATE	BY

CITY OF CHILOQUIN
PUBLIC WORKS BUILDING
CHILOQUIN, OR 97624
DETAILS (PUBLIC)

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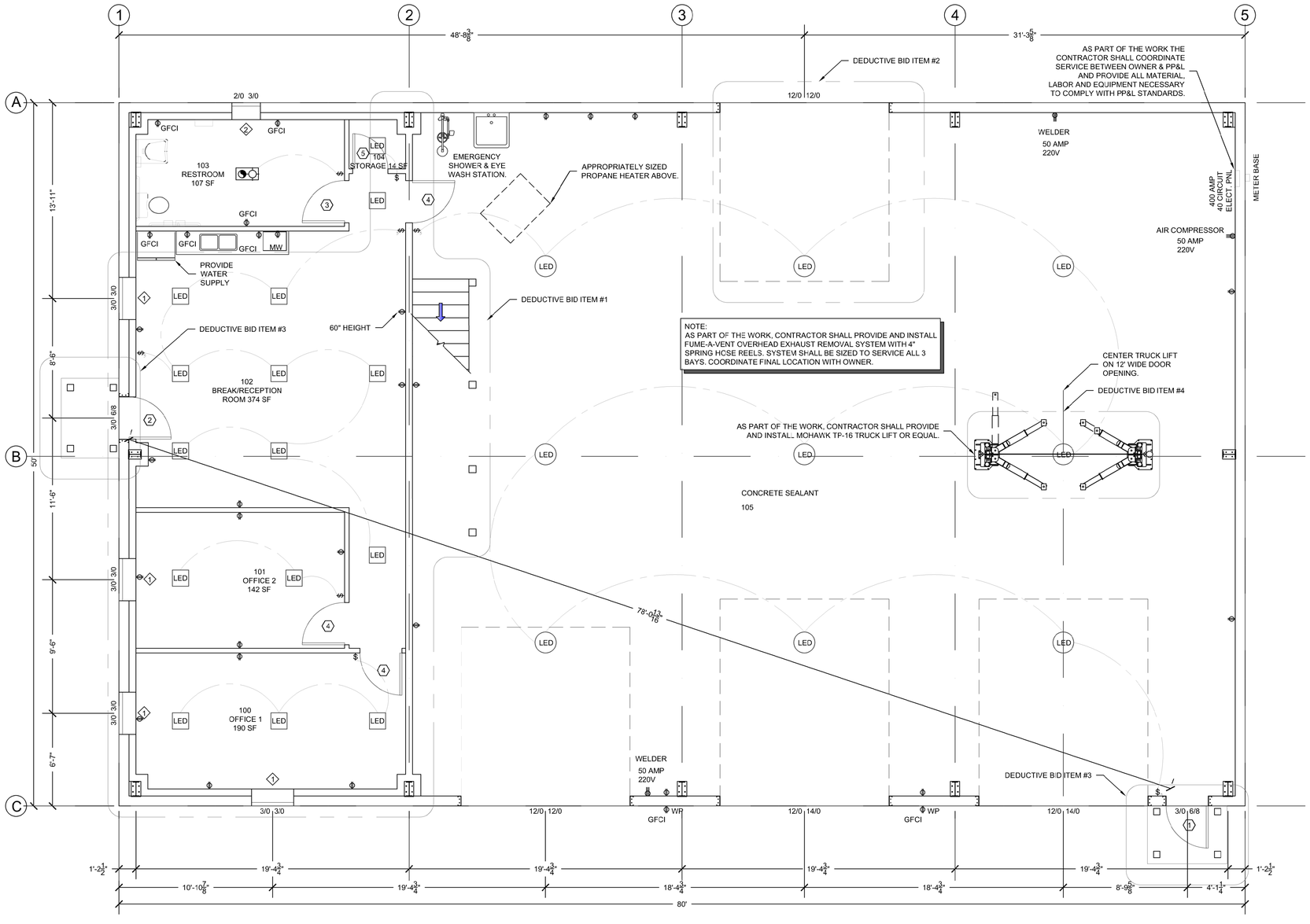
SERVING S. OREGON & N. CALIFORNIA
ENGINEERING • SURVEYING • PLANNING • TESTING

SCALE SHOWN	DESIGNED BY APG
DATE 09.14.2026	SURVEYED BY AE&S
SHEET 10	DRAWN BY APG
PROJ. NO. 1011-88	CHECKED BY JMM

SHEET NUMBER:

C10



1 FLOOR PLAN
Scale: 1/4" = 1'-0"

ELECTRICAL LEGEND

- DUPLEX CONVENIENCE OUTLET
- DUPLEX OUTLET ABOVE COUNTER
- WP WEATHERPROOF DUPLEX OUTLET
- HALF-SWITCHED DUPLEX OUTLET
- SPECIAL PURPOSE OUTLET
- 220 v. OUTLET
- ELECTRIC DOOR OPENER W/LIGHT & TWO REMOTES
- $ WALL SWITCH
- $3 3-WAY WALL SWITCH
- EXHAUST FAN/LED LIGHT COMBINATION

OCCUPANCY & EGRESS ANALYSIS:

DESIGN CODE(S)	2024 INTERNATIONAL ENERGY CONSERVATION CODE 2025 OREGON STRUCTURAL SPECIALTY CODE.
OCCUPANCY TYPE:	B (OFFICE), S-1 (VEHICLE STORAGE) & S-2 (FILE STORAGE MEZZANINE)
TYPE OF CONSTRUCTION:	V-B
SPRINKLERED:	NO
TOTAL BUILDING AREA:	4,000 SQ FT
BUILDING HEIGHT:	16 FT
NUMBER OF STORIES:	1
MEZZANINE:	YES
MEZZANINE FLOOR AREA:	1,000 SQ FT
GROUND FLOOR:	4,000 SQ FT
OCCUPANT LOAD SECOND FLOOR:	1
OCCUPANT LOAD GROUND FLOOR:	13
TOTAL OCCUPANT LOAD:	28
REQUIRED EXITS GROUND FLOOR:	1
EXIT ACCESS TRAVEL DISTANCE:	ALLOWED = 125' ACTUAL: 78'
SEPARATION OF EXITS:	SEE SHEET A1.2
PLUMBING FIXTURES: REQUIRED:	OFFICES 911 SQ FT @ 150 SQ FT/ PERSON STORAGE 3,783 SQ FT @ 200 SQ FT / PERSON TOTAL OCCUPANT LOAD = 20 PEOPLE TOTAL PLUMBING FIXTURES REQ'D: 1 UNISEX LAV WITH WC (1 PER 25 FOR FIRST 50)

DEFERRED SUBMITTALS:

ELECTRICAL PLANS BY CONTRACTOR
PLUMBING PLANS BY CONTRACTOR
ENERGY CODE COMPLIANCE FOR LIGHTING AND POWER PLANS BY CONTRACTOR

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO APPLICABLE CODES, INCLUDING BUT NOT LIMITED TO THE CURRENT IBC, IMC, IFC & IPC, THE AMERICANS WITH DISABILITIES ACT, AND ALL RULES REGULATIONS, AND ORDINANCES OF THE GOVERNING AUTHORITY.
2. THE PROJECT WILL BE SCHEDULED AND INSTALLATION OF ELEMENTS COORDINATED AS NECESSARY TO PERMIT WORK BETWEEN DIFFERENT TRADES TO PROCEED WITHOUT UPSETTING PROPER CONSTRUCTION SEQUENCES OR DELAYING THE PROJECT SCHEDULE.
3. PLUMBING, ELECTRICAL, AND MECHANICAL CONTRACTORS SHALL VERIFY ALL REQUIREMENTS FOR THIS PROJECT AND COMPLY WITH ALL LOCAL CODES.
4. THE PLANS ARE NOT INTENDED TO DEPICT ALL DETAILS OF THE WORK REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE TO FAMILIARIZE HIMSELF WITH THE ACTUAL SITE CONDITIONS AND OTHER FACTORS AFFECTING THE WORK. WHERE LACK OF DETAIL OR CONFLICT EXISTS BETWEEN THESE AND OTHER PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO PROCEEDING.
5. ALL PRODUCTS, COLORS, FINISHES, PATTERNS, AND TEXTURES SHALL BE APPROVED BY THE OWNER. PROVIDE SHOP DRAWINGS AND/OR SAMPLES AS REQUESTED. INSTALLATION OF ALL PRE-MANUFACTURED PRODUCTS, FIXTURES, FINISHES, ETC...SHALL COMPLY WITH THE MANUFACTURER'S RECOMMENDATIONS AND THE INFORMATION INCLUDED IN THESE PLANS.
6. THE CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY HIMSELF OR OTHER TRADES.
7. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL FLASHING, SEALING, CAULKING, DRAINAGE, AIR FLOW, ETC., AND INSTALL ALL PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS TO MAINTAIN BUILDING ENVELOPE INTEGRITY AND PROTECT UNFINISHED BUILDING MATERIALS.

SPECIFICATIONS

GENERAL
1. ELECTRICAL & PLUMBING SPECIFICATIONS ARE MEANT TO PROVIDE ADDITIONAL REQUIREMENTS & CLARIFICATION ABOVE THE MINIMUM CODE. CONTRACTOR IS TO PROVIDE A COMPLETE & FULLY FUNCTIONING, & CODE COMPLIANT SPACE TO THE CLIENT.

HEATING
1. THE CONTRACTOR SHALL INSTALL A FUEL OIL HEAT APPLIANCE.
2. MECHANICAL EQUIPMENT TO MEET THE STANDARDS SET FORTH IN THE 2025 OREGON ENERGY EFFICIENCY SPECIALTY CODE (OEESC) & 2022 OREGON MECHANICAL SPECIALTY CODE (OMSC).
3. CONTRACTOR SHALL INSTALL ALL ASSOCIATED CONDUIT AND WIRING IN ACCORDANCE WITH THE 2023 OREGON ELECTRICAL SPECIALTY CODE (OESC) REQUIREMENTS FOR A COMPLETE AND FULLY FUNCTIONING SYSTEM.
4. THE HEAT APPLIANCE SHALL BE SUSPENDED FROM THE METAL BUILDING FRAME. LOCATION SHALL BE PROPOSED BY CONTRACTOR AND APPROVED BY THE OWNER PRIOR TO INSTALLATION. CONTRACTOR TO ANCHOR UNIT PER MFG. RECOMMENDATIONS.

ELECTRICAL
1. ELECTRICAL SYSTEM(S) TO BE DESIGN BUILD BY CONTRACTOR. CONTRACTOR SHALL PREPARE SHOP DRAWINGS AND SUBMIT TO OWNER'S REPRESENTATIVE FOR REVIEW PRIOR TO SUBMITTING TO THE KLAMATH COUNTY BUILDING DEPARTMENT FOR APPROVAL.
2. ALL ELECTRICAL TO MEET THE STANDARDS SET FORTH IN THE 2023 OREGON ELECTRICAL SPECIALTY CODE (OESC).
3. CONTRACTOR TO PROVIDE MINIMUM SERVICE FOR A COMMERCIAL BUILDING AS REQUIRED BY THE 2023 OREGON ELECTRICAL SPECIALTY CODE (OESC).
4. WIRE BUILDING FOR TELEPHONE & DATA SERVICE. COORDINATE WITH TELEPHONE & INTERNET PROVIDERS AND WITH CLIENT I.T.
5. ALL ELECTRICAL WIRE TO BE SHEATHED IN METAL CONDUIT.
6. ALL LIGHTING TO CONSIST OF LED LIGHT PANELS INSTALLED PER MFG RECOMMENDATIONS. PROVIDE A SUFFICIENT AMOUNT OF LIGHT FOR AN EFFICIENT & HEALTHY WORK ENVIRONMENT.

PLUMBING
1. PLUMBING SYSTEM(S) TO BE DESIGN BUILD BY CONTRACTOR. CONTRACTOR SHALL PREPARE SHOP DRAWINGS AND SUBMIT TO OWNER'S REPRESENTATIVE FOR REVIEW PRIOR TO SUBMITTING TO THE KLAMATH COUNTY BUILDING DEPARTMENT FOR APPROVAL.
2. ALL PLUMBING TO MEET THE STANDARDS SET FORTH IN THE 2023 OREGON PLUMBING SPECIALTY CODE (OPSC).
3. WATER SUPPLY LINES TO CONSIST OF PEX TUBING & TO BE INSTALLED PER MFG. RECOMMENDATIONS.
4. ALL PLUMBING FIXTURES SHALL BE COMMERCIAL QUALITY FIXTURES.
5. COORDINATE PLUMBING WITH CIVIL PLANS.

KITCHEN
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
2. CASEWORK TO BE CONSTRUCTED OF SOLID ALDER. PROFILE & STAIN COLOR SAMPLES TO BE PROVIDED TO OWNER FOR SELECTION.
3. DRAWER/CABINET HINGES & HARDWARE TO BE STAINLESS STEEL FINISH & SAMPLES OF STYLE TO BE PROVIDED TO OWNER FOR SELECTION.
4. COUNTERTOP MATERIAL, PROFILE, & COLOR SAMPLES TO BE PROVIDED TO OWNER FOR SELECTION. COUNTERTOP TO BE WILSONART LAMINATE OR EQUAL AND HAVE A 1 YEAR WARRANTY.
5. ALL KITCHEN APPLIANCES TO HAVE STAINLESS STEEL FINISH.
6. REFRIGERATOR SHALL BE GENERAL ELECTRIC MODEL #GSS25GSHSS OR EQUAL.

SHEET INDEX:

NO.	SHEET TITLE
A1.0	CODE AND FLOOR PLAN
A1.1	MEZZANINE PLAN
A2.0	BUILDING ELEVATIONS
A2.1	ELEVATIONS & CROSS SECTIONS
A3.0	SCHEDULES
S1.0	STRUCTURAL GENERAL NOTES
S2.0	FOUNDATION PLAN
S2.1	FOUNDATION DETAILS
S3.0	MEZZANINE FRAMING DETAILS
S3.1	LATERAL PLAN

REGISTERED PROFESSIONAL ENGINEER
70805PE
OREGON
JANUARY 9, 2007
MICHAEL D. MOSER
EXPIRES: 12-31-26

No.	REVISION	DATE	BY

CITY OF CHILOQUIN
PUBLIC WORKS BUILDING
CHILOQUIN, OR 97624
1ST FLOOR PLAN

ADKINS ENGINEERING & SURVEYING
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SERVING S. OREGON & N. CALIFORNIA
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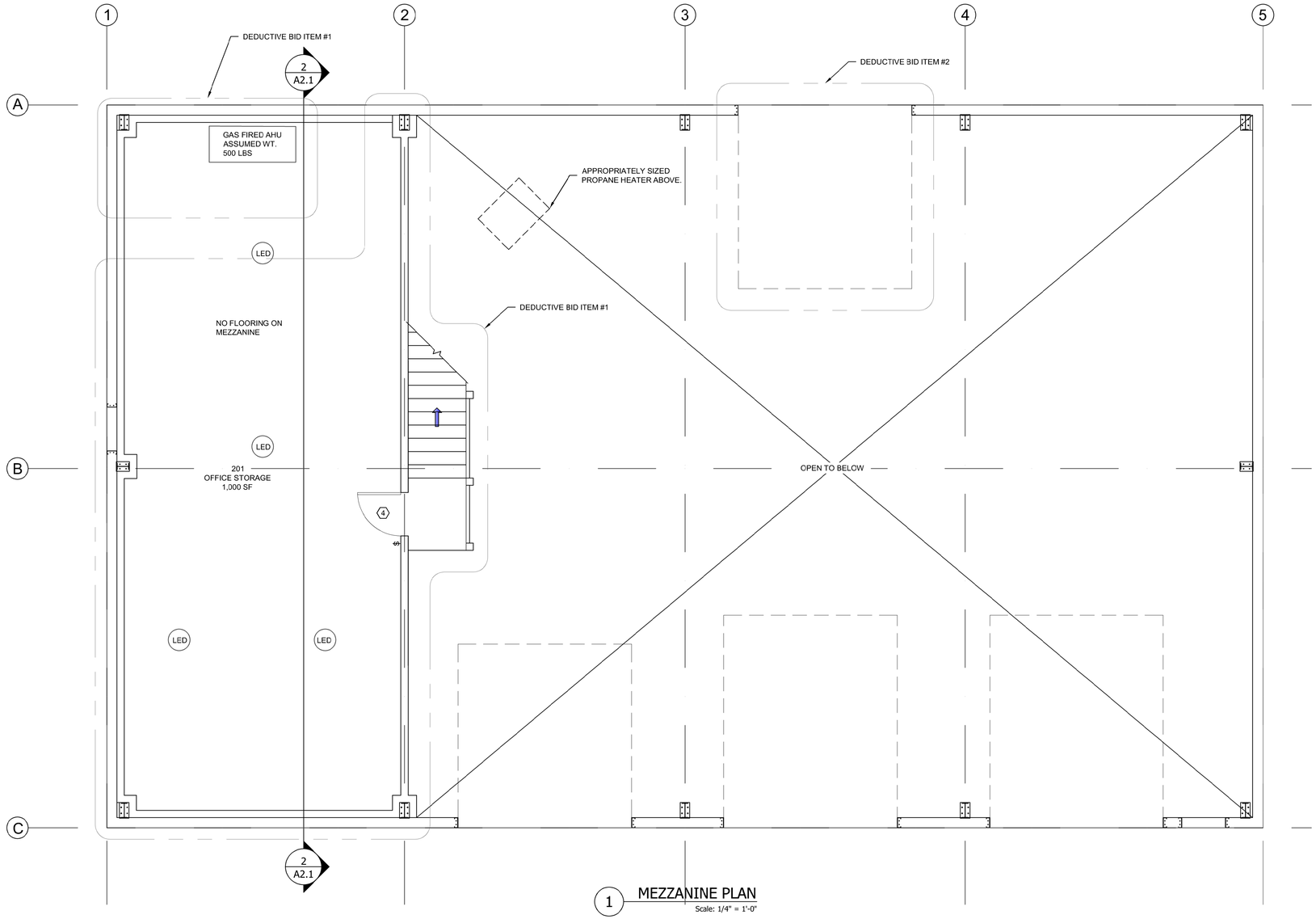
DESIGNED BY	SURVEYED BY	DRAWN BY	CHECKED BY
SJL	N/A	SJL	MDM

SCALE	DATE	SHEET	PROJ.
SHOWN	09.14.2026	1 OF 10	1011-88 ARCH

SHEET NUMBER:

A1.0



1 MEZZANINE PLAN

Scale: 1/4" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER
70805PE
OREGON
JANUARY 9, 2007
MICHAEL D. MOSER
EXPIRES: 12-31-26

No.	REVISION	DATE	BY

CITY OF CHILOQUIN
PUBLIC WORKS BUILDING
CHILOQUIN, OR 97624

MEZZANINE PLAN

ADKINS ENGINEERING & SURVEYING
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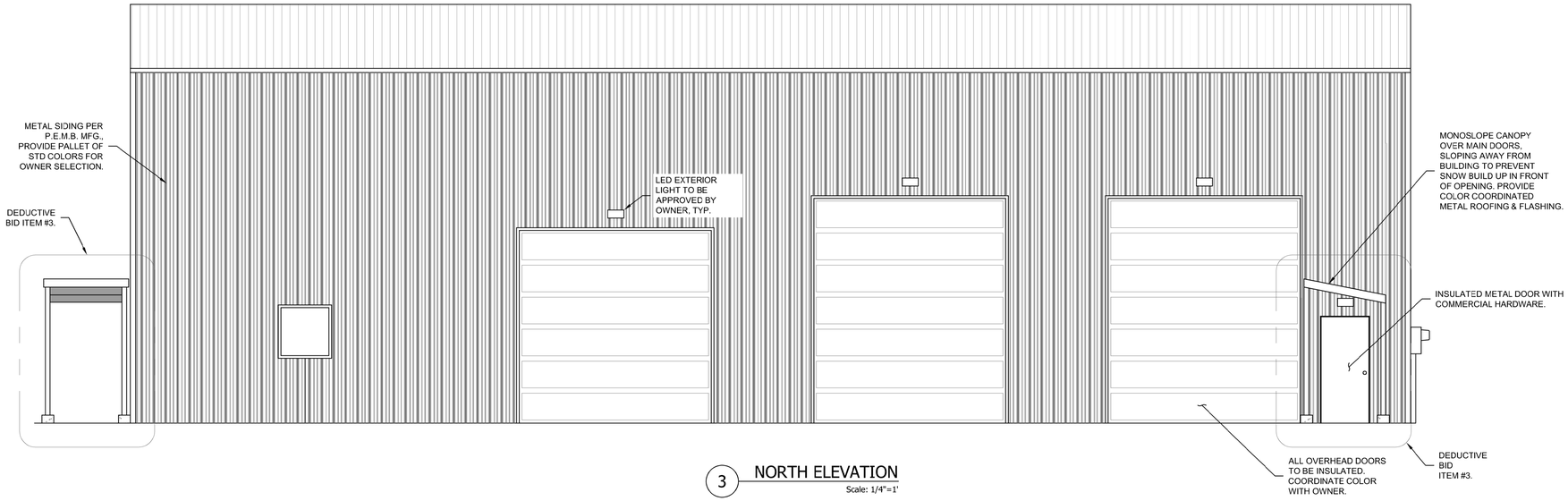
SERVING S. OREGON & N. CALIFORNIA
ENGINEERING • SURVEYING • PLANNING • TESTING

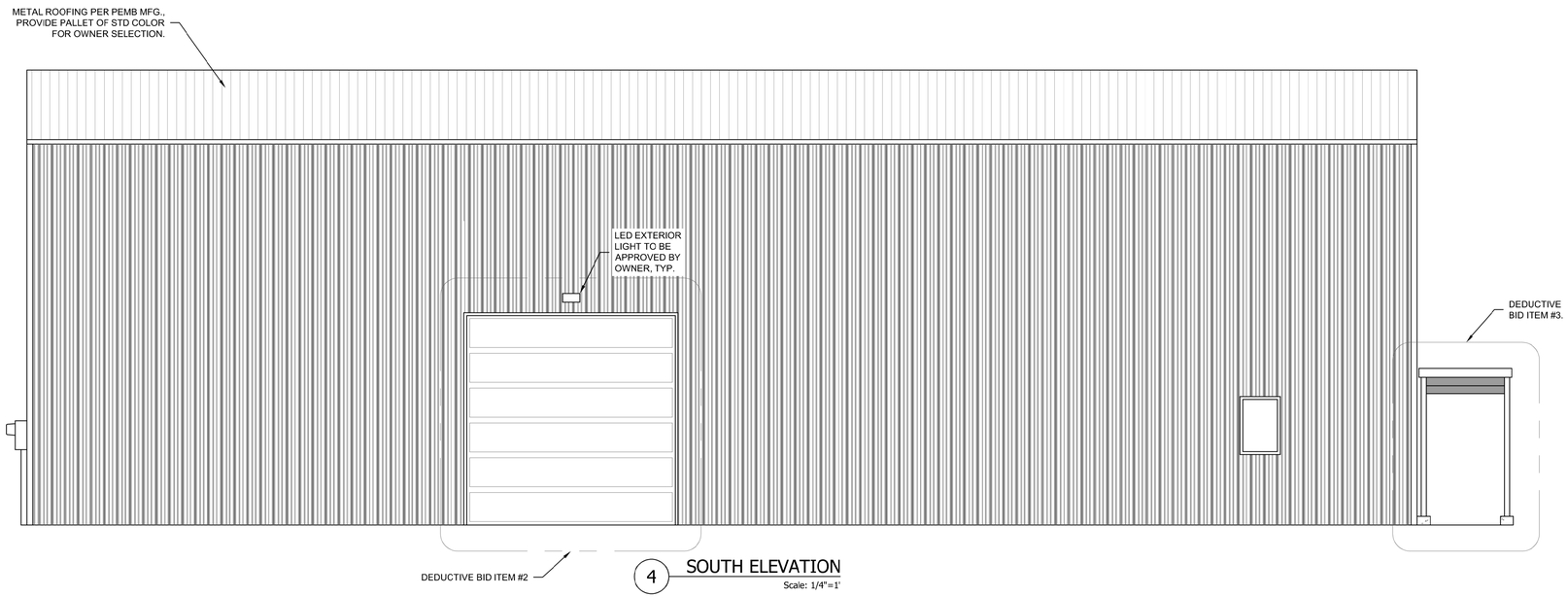
SCALE	SHOWN	DESIGNED BY	SJL
DATE	09.14.2026	SURVEYED BY	N/A
SHEET	2 OF 10	DRAWN BY	SJL
PROJ.1011-88	ARCH	CHECKED BY	MDM

SHEET NUMBER:

A1.1



3 NORTH ELEVATION
Scale: 1/4"=1'



4 SOUTH ELEVATION
Scale: 1/4"=1'

REGISTERED PROFESSIONAL ENGINEER
70805PE
OREGON
JANUARY 9, 2007
MICHAEL D. MOSER
EXPIRES: 12-31-26

No.	REVISION	DATE	BY

CITY OF CHILOQUIN
PUBLIC WORKS BUILDING
CHILOQUIN, OR 97624
BUILDING ELEVATION VIEWS

ADKINS ENGINEERING & SURVEYING
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1435 ESPLANADE AVENUE, KLAMATH FALLS, OR 97601
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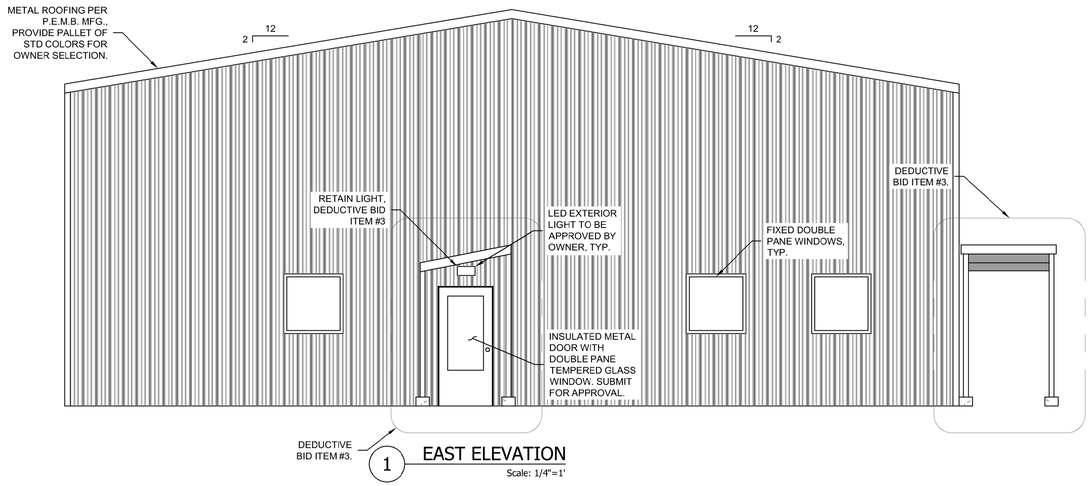
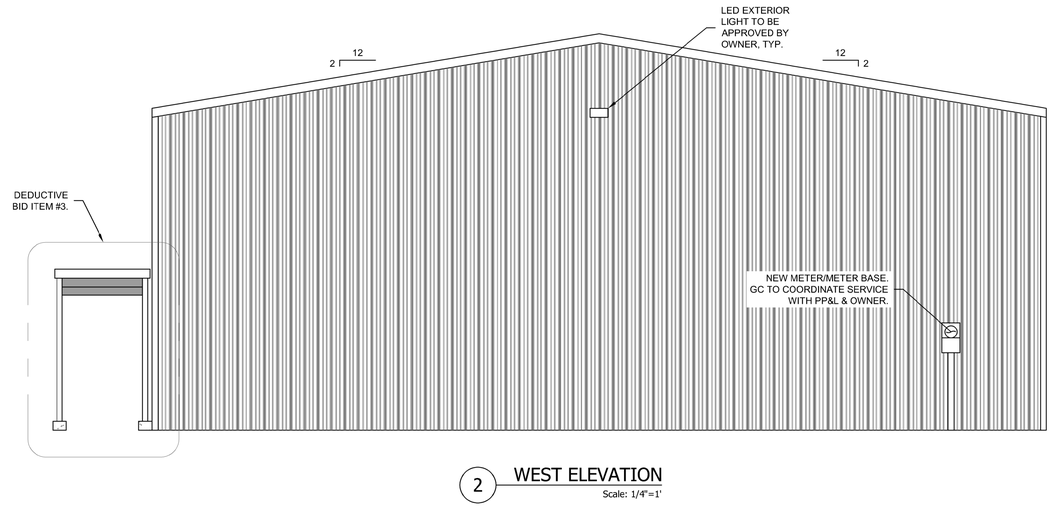
SCALE SHOWN	DESIGNED BY SJL		
DATE 09.14.2026	SURVEYED BY N/A	DRAWN BY SJL	CHECKED BY MDM
SHEET 3 OF 10		PROJ. 1011-88 ARCH	

SHEET NUMBER:

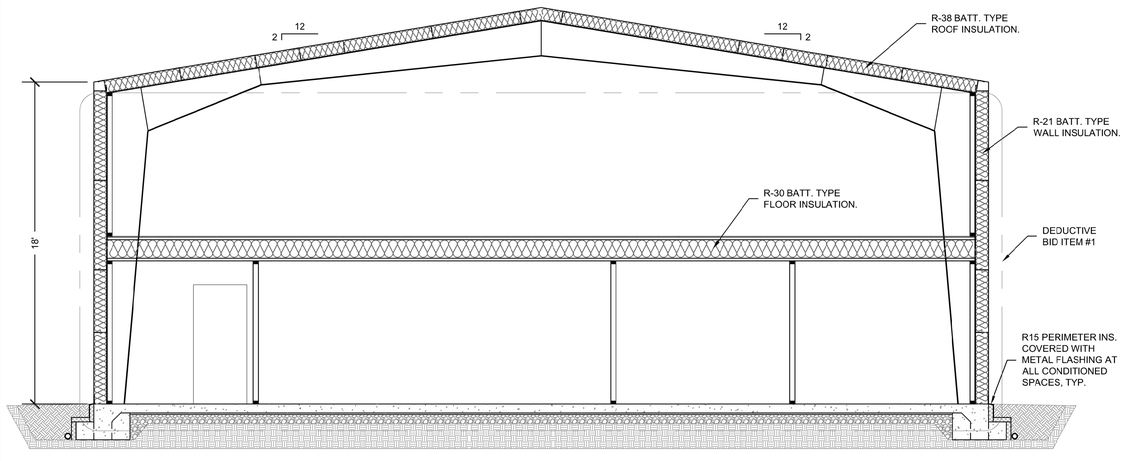
A2.0



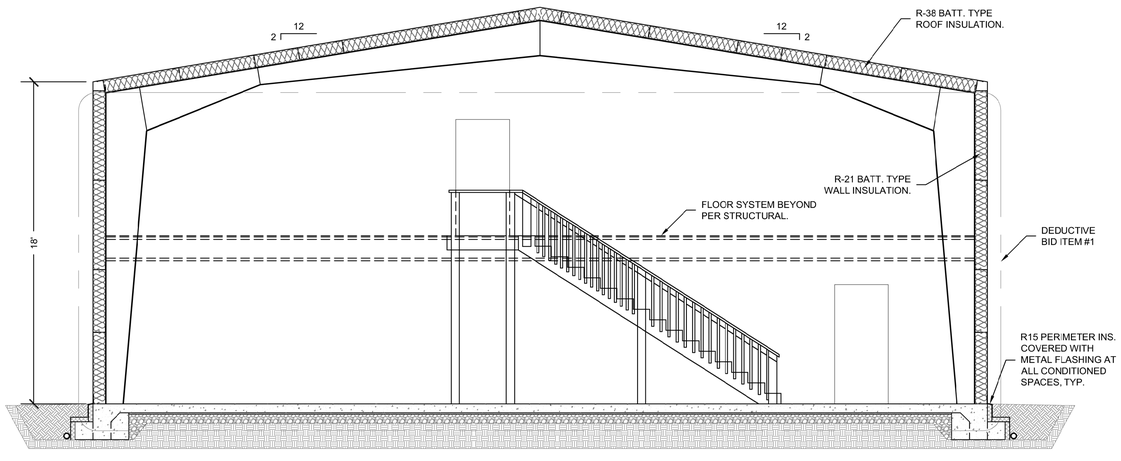
1 EAST ELEVATION
Scale: 1/4"=1'



2 WEST ELEVATION
Scale: 1/4"=1'



3 EAST CROSS-SECTION
Scale: 1/4"=1'



4 WEST CROSS SECTION
Scale: 1/4"=1'

REGISTERED PROFESSIONAL ENGINEER
70805PE
OREGON
JANUARY 9, 2007
MICHAEL D. MOSER
EXPIRES: 12-31-26

No.	REVISION	DATE	BY

CITY OF CHILOQUIN
PUBLIC WORKS BUILDING
CHILOQUIN, OR 97624

ELEVATION & X SECTIONS

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DESIGNED BY SJL	SURVEYED BY N/A	DRAWN BY SJL	CHECKED BY MDM
SCALE SHOWN	DATE 09.14.2026	SHEET 4 OF 10	PROJ.1011-88 ARCH

SHEET NUMBER:

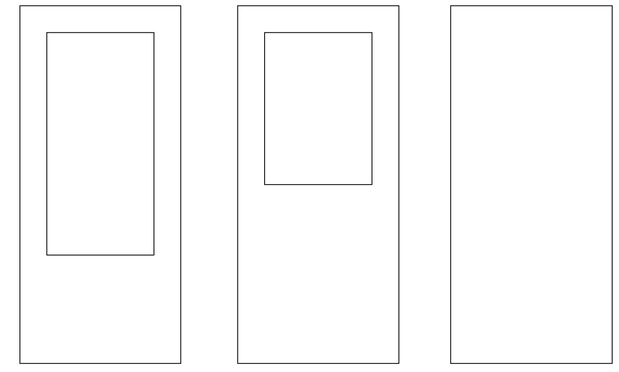
A2.1

DOOR SCHEDULE

NUMBER	SIZE	TYPE, 9	MATERIAL	FRAME	REMARKS
1	36" X 80"	A	H.M.	H.M.	PAINT GRADE EXTERIOR DOOR, CLOSER REQUIRED
2	36" X 80"	C	H.M.	H.M.	PAINT GRADE EXTERIOR DOOR, CLOSER REQUIRED
3	36" X 80"	C	S.C. WOOD	WOOD	STAIN GRADE, INTERIOR DOOR W/ KICK PLATE, CLOSER REQUIRED, A.D.A. RESTROOM SIGN
4	36" X 80"	B	S.C. WOOD	WOOD	PAINT GRADE, INTERIOR DOOR
5	30" X 80"	C	S.C. WOOD	WOOD	PAINT GRADE INTERIOR DOOR

DOOR & WINDOW NOTES

1. ALL DOOR AND WINDOW ROUGH OPENINGS SHALL BE FIELD VERIFIED.
2. ALL EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF ANY SPECIAL KNOWLEDGE OR EFFORT.
3. TEMPERED GLASS SHALL 3E USED WHERE GLAZING PANEL IS ADJACENT TO A DOOR AND EXPOSED EDGE OF GLAZING IS WITHIN A 24" ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION, WHERE BOTTOM EXPOSED EDGE OF GLAZING IS LESS THAN 60" ABOVE A BA'HTUB DRAIN, IF BOTTOM EXPOSED EDGE OF GLAZING IS LESS THAN 18" OF THE FLOOR, OR GLASS WITHIN FIVE FEET HORIZONTALLY OF A STAIRWAY OR LANDING AND WHICH THE GLASS IS LESS THAN 60" ABOVE A WALKING SURFACE (OR PER CURRENT BUILDING CODE).
4. ALL LATCHSETS & LOCKSETS TO HAVE LEVER HANDLES WITH END RETURNS. ALL HARDWARE TO MEET A.D.A. REQUIREMENTS.
5. VERIFY ACTUAL CONSTRUCTION REQUIREMENTS OF DOOR AND WINDOWS INCLUDING ALL ELEMENTS OF FLASHING AND SEALING WITH THE MANUFACTURER. SUBMIT DOOR & WINDOW TYPES WITH U-FACTOR, SHGC RATING TO OWNER FOR APPROVAL. WINDOWS AND DOORS SHALL HAVE LABE.ING OF VALUES AFFIXED BY THE MANUFACTURER AND SHALL NOT BE REMOVED UNTIL INSPECTION BY THE LOCAL BUILDING DEPARTMENT.
6. ALL WINDOWS SHALL BE VINYL WITH A MAXIMUM U-FACTOR OF 0.35 AND SHGC </= 0.40. METAL EXTERIOR DOORS SHALL HAVE A MAXIMUM U-FACTOR OF 0.70.
7. AIR LEAKAGE OF WINDOW AND DOOR ASSEMBLIES IN THE BUILDING ENVELOPE SHALL BE DETERMINED IN ACCORDANCE WITH AAMA/WDM/CSA '101/1S.2/A440 OR NFRC 400 BY AN ACCREDITED INDEPENDENT LABORATORY AND LABELED AND CERTIFIED BY THE MANUFACTURER.
8. VERIFY ALL WINDOW FINISHES WITH OWNER.
9. REFER TO D'L. 2/A4.0 FOR DOOR TYPE.
10. ALL DOORS SHALL BE TRIMMED TO PROVIDE A FINISHED LOOK. DOOR, FRAME, & TRIM STAIN COLOR SAMPLES SHALL BE PROVIDED TO CLIENT FOR SELECTION. TRIM PROFILE SAMPLES SHALL BE PROVIDED TO CLIENT FOR SELECTION.



A 3/4 LITE DOOR NTS

B 1/2 LITE DOOR NTS

C SOLID DOOR NTS

2 DOOR TYPES NTS

WINDOW SCHEDULE

NUMBER	SIZE	TYPE	QUANTITY	GLAZING	FRAME	REMARKS
1	36" X 36"	CASEMENT	4	DBL PANE, LOW E	VINYL	FIXED, WHITE
2	24" X 36"	CASEMENT	1	DBL PANE, LOW E	VINYL	FIXED, WHITE

FINISH SCHEDULE

NOTE: ASSUMES BUILDING "FRONT" IS NORTH

ROOM NAME & NUMBER	FLOORING	BASE	WALLS N	W	S	E	CEILING	REMARKS
OFFICE 1 #100	1	PER OWNER	4	4	4	4	4	
OFFICE 2 #101	1	PER OWNER	4	4	4	4	4	
BREAK/RECEPTION #102	2	COVED	4	4	4	4	4	
RESTROOM #103	2	COVED	3	3	3	3	4	
STORAGE #104	2	PER OWNER	4	4	4	4	4	
MAIN AREA #105	6	PER OWNER	5	5	5	4	5	
OFFICE STORAGE #201	1	PER OWNER	4	4	4	4	4	

FINISH KEY

#	DESCRIPTION
1	CARPET TILE FLOORING, MANUFACTURER/STYLE/COLOR TO BE SELECTED BY OWNER.
2	LINOLEUM FLOORING, MANUFACTURER/STYLE/COLOR TO BE SELECTED BY OWNER
3	PROVIDE WAINSCOT (STYLE TO BE SELECTED BY OWNER) UP 48" HIGH, $\frac{1}{2}$" W.R. GYP, TAPE, TEXTURE, PAINT ABOVE WAINSCOT (COLOR TO BE SELECTED BY OWNER).
4	$\frac{1}{2}$" GYP, TAPE, TEXTURE, PAINT
5	UNFINISHED INTERIOR OF P.E.M.B
6	TROWELED & POLISHED CONCRETE FLOOR

FINISHES NOTES

1. ALL FLOORING TO BE INSTALLED PER MFG. RECOMMENDATIONS, INCLUDING ALL UNDERLAYMENT, GLUE, ETC. IN ORDER TO PROVIDE A FULLY FUNCTIONING FLOORING SYSTEM. ALL MATERIA:.S REQUIRED BY MFG. RECOMMENDATIONS TO BE PROVIDED WITH NO EXTRA COST TO THE CLIENT BEYOND INITIAL BID COST.
2. FLOORING SAMPLES TO BE PROVIDED TO OWNER FOR SELECTION & ALL FINISHES TO BE VERIFIED WITH OWNER BEFORE INSTALLATION.
3. CARPET TILES TO BE EUROTILE PARK AVENUE CARPET TILES OR EQUAL. CARPET TO BE WARRANTED FOR LIMITED WEAR & TEXTURE RETENSION FOR A MINIMUM OF 5 YEARS.
4. LINOLEUM FLOORING TO BE WARRANTED FOR A MINIMUM OF 5 YEARS.

REGISTERED PROFESSIONAL ENGINEER
70805PE
OREGON
JANUARY 9, 2007
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No.	REVISION	DATE	BY

CITY OF CHILOQUIN
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SCHEDULES

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SCALE: AS SHOWN	DESIGNED BY: SJL		
DATE: 09.14.2026	SURVEYED BY: N/A		
SHEET: 5 OF 10	DRAWN BY: SJL		
PROJ. 1011-88 ARCH	CHECKED BY: MDM		

SHEET NUMBER:

A3.0

STRUCTURAL GENERAL NOTES - APPLICABLE TO ALL CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS

A. DESIGN SCOPE
1. Structural Design shown on drawings S1.0 through S3.0 by Adkins Engineering & Surveying, AES, includes the following items.
   a. Foundation & framing.
2. Structural design shown on drawings S1.0 through S3.0 does not include:
   a. Architectural items such as but not limited to; windows, doors, moisture barriers, water proofing, mechanical units, plumbing, or electrical items.
3. Typical structural details provided for this project illustrate "nominal" conditions. They are not necessarily drawn to scale. The intent is to show important construction information such as member size, number and size of fasteners ect.. The contractor is solely responsible for verifying specific dimensions/angles and other conditions that may exist.

B. GENERAL REQUIREMENTS
1. All work shall conform to the requirements of the 2025 Oregon Structural Specialty Code and any applicable local ordinances except where other notes are more restrictive.
2. Drawings are not to be scaled. Written dimensions shall govern construction. The contractor shall verify dimensions with the architectural drawings and the the site conditions prior to construction and any discrepancies shall be brought to the attention of the architect and the engineer so that clarification can be made. All dimensions related to existing conditions shall be verified by the contractor.
3. The contractor shall notify the engineer in writing of any discrepancies on the drawings requiring clarification or revisions before commencing with work.
4. At all times the contractor shall be solely responsible for conditions at the jobsite. Neither the owner nor Architect/Engineer will enforce safety measures/regulations. The contractor shall design, construct, and maintain all safety devices and programs. Including safety of persons and property, design, adequacy, and safety of temporary shoring, bracing, formwork, scaffolding, erection sequence and methods etc.
5. The engineer's structural observation and site visits are not intended to include review of the above items.
6. The contractor shall furnish all labor, materials, and equipment necessary to complete the work shown or inferred by these drawings.
7. Where construction details are not shown or noted for any part of the work, such details shall be the same as for similar work shown on the drawings.
8. In case of conflict, notes and details on the drawings take precedence over the general notes and typical details.
9. The contractor shall provide manufacturer's product evaluation reports (ICC - ES Reports) and a list of all proposed substitutions to the Engineer for review and written approval before fabrication. Such review shall be on a time and materials basis with no guarantee approval will be granted.
10. Pipes, ducts, sleeves, chases, etc. shall not be placed in slabs, beams, or walls unless specifically shown or noted nor shall any structural member be cut for pipe, ducts, etc., unless specifically shown. Obtain written approval prior to installation of any additional holes, ducts, etc.
11. Locate and protect underground or concealed conduit, plumbing or other utilities where new work is being performed.
12. All existing construction is shown schematic only. The contractor is responsible to verify actual conditions and allow for them in his bid.
13. All communication shall be in writing. No verbal communications, decisions, instructions or approvals shall be valid.

C. SUBMITTALS
1. Shop drawings
   a) Shop drawings shall be submitted to the architect/engineer for review prior to fabrication and construction.
   b) Prior to submittal the general contractor shall review all submittals for conformance with the construction documents and shall stamp submittals as being "Reviewed for Conformance".
   c) Any detail on the shop drawing that deviates from the construction documents shall be clouded.
   d) Shop drawings shall be submitted to the Architect/Engineer regarding all structural items including:
      -Concrete and masonry reinforcing steel.
      -Structural steel.
      -Engineered wood products.
      -Wood trusses, drawings shall be stamped by a licensed P.E. in the state the project is located in.
2. Concrete, grout, and mortar mix designs.
3. Concrete and masonry reinforcing steel mill test reports.
4. Structural steel mill test reports.
5. Submit seismic anchorage calculations stamped by a licensed professional engineer for all mechanical, electrical, storage racks 8 feet or taller, and architectural components as required by the code.

D. DESIGN CODE & CRITERIA
1. All design, material, and construction for this project shall conform to the 2025 Oregon Structural Specialty Code (OSSC) based on the 2024 International Building Code (IBC).
2. The 2024 International Building Code design criteria:
   a. Floor Live Load = 50 psf.
   b. Floor Dead Load = 15 psf.
   c. Roof Live Load = n/a.
   d. Roof dead load =15 psf.
   e. Ground Snow Load, P_g = 86 psf.
   f. Flat Roof snow load, Pf = 60 psf.
   g. Snow Exposure Factor, Ce = 1.0
   h. Snow Load Importance Factor, I = 1.0
   i. Thermal Factor, Ct = 1.1
   j. Ultimate Wind Speed = 98 mph
   k. Wind Importance Factor, Iw = 1.00
   l. Wind Exposure = C
   m. Internal Pressure Coefficient = 0.18
   n. Components and Cladding studs = -18 psf
   o. Seismic Importance Factor, Ie = 1.0
   p. S_S = 0.83
   q. S_1 = 0.29
   r. Site Class = D
   s. S_{DS} = 0.67
   t. S_{D1} = 0.46
   u. Seismic Design Catagory = D
   v. Basic Seismic Force Resisting System = Ordinary steel moment frames (by others, pre-manufactured)
   w. Response Modification Factor, R = 3.5
   x. Lateral Analysis Procedure = Equivalent Lateral Force Procedure

E. FOUNDATION (Spread Footings)
1. Adkins Engineering & Surveying recommends that the owner/contractor hire a Geotechnical Engineer licensed by the state of Oregon to evaluate the site and prepare a report of their findings. Due to the lack of such a report for this site, the foundation has been designed using a 1,500 psf. presumptive allowable bearing capacity per OSSC table 1804.2. The contractor shall report in writing to the engineer, any condition mitigating the above assumption.
2. Footings shall be founded a minimum of 12" below undisturbed ground surface. The footings shall also extend below the frost line as determined by the local Building Official. Frost depth for Klamath County is 24" below finished grade.
3. If the stated bearing capacity, as determined by the Building Official or a Geotechnical Engineer, is not encountered, the contractor shall notify the Engineer of Record (EOR), in writing.
4. Footings and concrete slabs on grade shall bear on undisturbed native soil or approved structural fill compacted to a minimum of 95% under slab and 98% under footings of the maximum dry density as determined by ASTM test method D-698 (Standard Proctor).
5. Soft soil shall be removed and replaced with approved structural fill and compacted per note 4 above or the contractor may provide lean concrete.
6. Wherever practical native soil and or compacted structural fill shall be proof rolled with a fully loaded dump or water truck (loaded to 20 tons). If excessive rutting or pumping occurs the proof-roll has failed.
7. All excavation, soil removal, proof rolling and/or compaction shall be observed and tested by a geotechnical engineer. Observation and compaction reports shall be sent to the Architect, Engineer, and the Building Official.
8. Excavation shall be properly backfilled. Back fill for walls shall be pervious material acceptable to the Geotechnical Engineer. Do not place back fill behind walls before they have attained their design strength. Shore and protect walls from lateral loads until the supporting members are in place and have developed specified strength.
9. Use light weight equipment to compact the soil within 2 feet around foundation/basement walls.
10. Footings shall be stepped as required to maintain 12" below undisturbed native soil and also below frost depth noted above.
11. Roof and area drainage shall be directed away from the foundation.
12. Finish grade shall slope away from the foundation at a rate of 1/2 inch per foot for a minimum of 10 feet unless an engineer approved alternate drainage system is provided.
13. Reference the project manual (technical specifications) for additional requirements.

F. CONCRETE
1. All concrete work shall conform to chapter 19 of the 2025 Oregon Structural Specialty Code.
2. MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE f'c (OSSC Table 1904.2.2)

TYPE OR LOCATION OF CONCRETE	MINIMUM SPECIFIED COMPRESSIVE STRENGTH (F'c @ 28 days, psi)
Basement walls and foundations not exposed to weather	2,500 (a)
Basement slabs and interior slabs on grade, except garage floor slabs	2,500 (a)
Basement walls, foundation walls, exterior walls, and other vertical concrete surfaces exposed to weather	3,000 (b)
Driveways, curbs, walks, patios, porches, carport slabs, steps and other flatwork exposed to the weather, and garage floor slabs	3,500 (b)(c)

   a. Concrete in these locations that can be subjected to freezing and thawing during construction shall contain the proper admixtures to obtain 7% air entrainment.
   b. Concrete in these locations shall contain the proper admixtures to obtain 7% air entrainment.
   c. For garage floor slabs where a steel trowel finish is used the total air content required by section 1904.2.1 is permitted to be reduced to not less than 3 percent, provided the minimum specified compressive strength of the concrete is increased to 4,000 psi.
   d. 28 day Concrete compressive strength shall be verified by standard 28 day cylinder tests per ASTM C39.
3. Reinforcing Steel:
   a. Shall conform to ASTM A615, Grade 60, for deformed bars unless noted otherwise.
   b. Splices shall be 48 bar diameters with 24" minimum unless noted otherwise.
   c. Where horizontal reinforcing is noted as "continuous" provide 2'-6" X 2'-6" corner bars at corners of bond beams, footings, walls, ect. Corner bars shall be of the same size, spacing, location, and quantity as the continuous reinforcing specified.
4. When air temperature is above 85 degrees Fahrenheit or when wind exceeds 10 mph, place concrete in accordance with ACI 305, Hot Weather Concreting. When the average air temperature is below 40 degree Fahrenheit place concrete in accordance with ACI 306, cold weather concreting.

G. SPECIAL INSPECTION
Special inspection shall be provided by the owner based on the requirements of the 2024 International Building Code (IBC) as summarized in the table below. The contractor shall provide sufficient notice and access for the special inspector to perform these inspections.

SPECIAL INSPECTION PROGRAM ★
ESTABLISHED PER 2024 IBC SECTION 109 & CHAPTER 17

ITEM	CONTINUOUS(3)	PERIODIC(4)	COMMENTS
REINFORCED CONCRETE CONSTRUCTION			
Inspection of reinforcing steel	-	X	IBC 1913.4, ACI 318: 3.5, 7.1-7.7
Inspection of reinforcing steel welding	-	X	IBC Tbl. 1704.3, AWS D1.4, ACI 318: 3.5.2
Inspection of cast in place bolts	X	-	IBC 1911.5
Verifying use of require mix design	-	X	IBC 1904.2.2, 1913.2, 1913.3, ACI 318: Ch. 4, 5.2-5.4
Inspection at the time fresh concrete is sampled for testing	X	-	IBC 1913.10, ASTM: C172, C31; ACI 318: 5.6, 5.8
Inspection of concrete/shotcrete placement	X	-	IBC 1913.6-1913.8; ACI 318: 5.6, 5.8
Inspection of curing temperature and techniques	-	X	IBC 1913.9; ACI 318: 5.11-5.13
Inspection of formwork	-	X	ACI 318: 6.1.1

ITEM	CONTINUOUS(3)	PERIODIC(4)	COMMENTS
POST INSTALLED ANCHORS			
Expansion anchor placement	X	-	IBC 1912.2
Epoxy bonded anchor installation	X	-	IBC 1912.2

ITEM	CONTINUOUS(3)	PERIODIC(4)	COMMENTS
STEEL CONSTRUCTION			
MATERIAL VERIFICATION			
High strength bolts, nuts, & washers			Applicable ASTM material specifications; AISC 360, Sec. A3.3
a. Verify identification markings conform to ASTM std	-	X	
b. Manufacturer's cerificat of compliance is req.	-	X	
Structural steel			IBC 1708.4, ASTM: A6, A568
a. Verify identification markings conform to ASTM std	-	X	
b. Manufacturer's cerified mill test reports are req'd	-	X	
Weld filler materials			AISC 360: Sec. A3.5
a. Verify identification markings conform to AWS std	-	X	
b. Manufacturer's certificate of compliance is req'd	-	X	
INSPECTION OF HIGH-STRENGTH BOLTING			AISC 360: Sec. A3.5
Bearing-type connections	-	X	
Slip-critical connections	X	X	
INSPECTION OF WELDING			
Structural Steel			IBC 1704.3.1, AWS D1.1
a. Complete and partial penetration groove welds	X	-	
b. Multi-pass fillet welds	X	-	
c. Single-pass fillet welds > 5/16"	X	-	
d. Single-pass fillet welds ≤ 5/16"	-	X	
e. Floor and roof deck welds	-	X	
Reinforcing Steel			ACI 318: 3.5.2; AWS D1.4
a. Verification of weldability other than ASTM A706	-	X	
b. Reinf. in IMRF and SMRF; see comments	X	-	Boundary steel in SRCSW and shear reinforcement
c. Other reinforcing steel	-	X	
INSPECTION OF STEEL FRAME JOINT DETAILS			IBC 1704.3.2
a. Details such as bracing and stiffening	-	X	
b. Member locations	-	X	
c. Application of joint details at each connection	-	X	
COLD FORMED STEEL FRAMING			
Screw attachment of seismic braces and struts	-	X	IBC 1707.4

ITEM	CONTINUOUS(3)	PERIODIC(4)	COMMENTS
ARCHITECTURAL COMPONENTS			Ref. footnote 5
Suspended ceiling systems & other anchorage	-	X	IBC 1705.3
Storage racks (8ft or greater in height)	-	X	IBC 1707.6

PROGRAM FOOTNOTES:
1. The items checked with an x shall be inspected in accordance with IBC chapter 17 by a certified special inspector from an established testing agency. For material sampling and testing requirements, refer to the project specifications and the specific general notes sections. The testing agency shall send copies of all structural testing and inspection reports directly to the architect, structural engineer, contractor, and building official. Any materials which fail to meet the project specifications shall immediately be brought to the architect/engineer. Special inspection testing requirements apply equally to all bidder designed components.
2. Special inspection is not required for work performed by an approved fabricator per IBC section 1704.2.2.
3. Continuous special inspection means the full-time observation of the work requiring special inspection by an approved special inspector who is present in the area where the work is being performed.
4. Periodic special inspection means the part-time or intermittent observation of work requiring special inspection by an approved special inspector who is present in the area where the work has been or is being performed and at the completion of the work.
5. Architectural component inspection shall comply with IBC section 1707.6.
6. Mechanical and electrical components inspection shall comply with IBC section 1707.7 including sections 1707.1 & 1707.2. Reference the mechanical and electrical drawings for a complete list of equipment requiring special inspection of it's bracing and anchorage.
7. See other sections of these notes for additional required inspections.
8. All discrepancies shall be brought to the immediate attention of the contractor for correction; then if not corrected, to the building official and to the Engineer in writing. The inspector shall furnish an inspection report to the building official and to the Engineer/Architect of Record.

H. POST-INSTALLED ANCHORS INTO CONCRETE AND MASONRY
POST-INSTALLED ANCHORS: Install only where specifically shown in drawings or where allowed by EOR. All post-installed anchor types and locations shall be approved by the EOR and shall have a current ICC-ESR that provides relevant design values necessary to validate that the available strength exceeds the the strength required by analysis. Submit current ICC-ESR to EOR for proposed substitutions. Substitutions will be reviewed on a time and materials basis to be paid by the contractor with no guarantee substitution will be approved. All anchors shall be installed and inspected in strict accordance with the ICC-ESR and the manufacturer's instructions. Structural Special Inspection is required and shall be contracted through the owner. Anchor type, size, and embedment shall be per the drawings.

ADHESIVE ANCHORS: Where indicated on the drawings the contractor shall install the following adhesives according to the corresponding ICC-ESR and substrate material. Drilled-in anchor embedment lengths shall be per the drawings but not less than 7 times the nominal diameter (7D).
   a. HILTI "HIT-RE 500 SD", ICC-ESR 2322 for concrete.
   b. Simpson "SET-XP", ICC-ESR 2508 for concrete.
   c. HILTI "HY-150 MAX", ICC-ESR 1967, for masonry.
   d. Simpson "SET-22", ICC-ESR 1772 for masonry.

EXPANSION ANCHORS: Where indicated on the drawings the contractor shall install the following expansion anchors according to the corresponding ICC-ESR and substrate material.
   a. HILTI "KWIK BOLT 3", ICC-ESR 1385 for masonry.
   b. SIMPSON "WEDGE-ALL", ICC-ESR 1396 for masonry.
   c. HILTI "KWIK BOLT TZ", ICC-ESR 1917 for concrete and masonry.
   d. SIMPSON "STRONG-BOLT", ICC-ESR 1771 for concrete and masonry.

SCREW ANCHORS: Where indicated on the drawings the contractor shall install the following "screw type" anchors according to the corresponding ICC-ESR and substrate material.
   a. SIMPSON "TITEN HD", ICC-ESR 1056 for masonry and ICC-ESR 2322 for concrete.

L. WOOD
GENERAL:
1. All wood exposed to the weather or in contact with concrete or masonry shall be pressure treated in accordance with the applicable AWPA Standare U1 and M4 for the species, product, preservative, and end use or protected with a waterproof membrane. Preservatives shall be listed in section 4 of AWPA U1. Newly exposed surfaces resulting from field cutting, boring or handling shall be field treated in accordance with AWPA M-4. All fasteners and framing connectors in contact with treated wood shall be corrosion resistant per the recommendation of the treated wood supplier / manufacturer for the type of wood, preservative, and service condition. For extreme service conditions or in the absence of guidance from the treated wood supplier / manufacturer, the use of stainless steel connectors and fasteners are recommended.
2. Maintain 1/2 inch air space at sides and at ends for beam pockets in concrete or masonry. Minimum bearing is 3 inches U.N.O.
3. Wood framing members, sheathing, and combustible materials shall not be placed closer than 2 inches to chimney walls. This gap shall be fire stopped using a minimum of 1 inch thick noncombustible materials, U.N.O.
4. All framing connections shall be per plan and detail. Where connections have not been specifically detailed the contractor shall follow details provided for similar construction. In the absence of the above mentioned details the contractor shall provide appropriate Simpson Strong-Tie connection hardware at the following locations; truss to wall, truss to truss (per truss manufacturer), truss to beam, joist/rafter to beam, joist/rafter to ledger, joist/rafter to wall top plate, beam to girder, beam/girder to post, post to post, post to footing, drag truss to shearwall, and shearwall boundary member anchors (holdowns). Connections employing toe nails without any other means of restraint are not permitted U.N.O. The contractor shall maintain a copy of the current Simpson Strong-Tie catalog and installation manual on site at all times and follow all manufacturer's instruction to achieve maximum capacity of each connector U.N.O.
5. Reference the project manual (technical specifications) for additional requirements.

MATERIALS
SAWN LUMBER:
1. All dimensioned lumber and timbers shall be Douglas Fir/Larch #2 (DF #2) or better unless noted otherwise on drawings. Classification in regard to strength and utility shall be in accordance with American Softwood Lumber Standard DOC PS 20 and standard grading rules for western lumber.
2. All wood members shall be stamped showing wood grade and the grading agency.
3. Moisture content shall not exceed 19% at time of placement. Green lumber should be shored at mid-span until dry to prevent sagging.

J. ABBREVIATIONS:

A.B.	Anchor Bolt
A.C.E.	Adkins Consulting Engineers
Alt.	Alternate
A.P.A.	American Plywood Association
Arch.	Architect/Architectural
B.	Bottom
Blkg.	Blocking
B.N.	Boundary Nailing
B.O.F.	Bottom of Footing
C.F.S.	Cold Formed Steel (L.G.S.T.)
C.B.C.	California Building Code
C.J.	Construction Joint
C.L.	Center Line
Clr.	Clear
Conn.	Connection
Cont.	Continuous
Dbl.	Double
Dim.	Dimension
D.L.	Dead Load
DO	Ditto (repeat)
Dwg.	Drawing
Dwl.	Dowel
E	Existing
E.F.	Each Face
E.G.	Existing Grade
El.	Elevation
Embed	Embedment
E.N.	Edge Nail
E.O.R.	Engineer of Record
Eq.	Equal
E.S.	Each Side
E.W.	Each Way
F.D.	Frost Depth
F.E.N.	Floor Edge Nailing
F.F.	Finished Floor
F.G.	Finished Grade
F.N.	Field (intermediate) Nailing
F.O.C.	Face Of Concrete
F.O.M.	Face Of Masonry
F.O.S.	Face of Stud
F.S.	Far Side
Ftg.	Footing
Galv.	Galvanized
G.C.	General Contractor
G.I.R.	Geotechnical Investigation Report
G.L.B.	Glue Laminated Beam
Hdr.	Header
Hngr.	Hanger
Horiz.	Horizontal
H.D.G.	Hot Dip Galvanized
H.S.H.	Horizontally Slotted Holes
I.S.B.O.	International Conference of Building Officials
I.S.C.	International Code Council
I.T.	Inside Diameter
Int.	Interior
Jnt.	Joint
Ldgr.	Ledger
L.G.S.T.	Light Gage Steel (C.F.S.)
L.L.	Live Load
Matl.	Material
Max.	Maximum
Mfr.	Manufacturer
Min.	Minimum
Mtl.	Metal
No.	Number
N.S.	Near Side
N.T.S.	Not To Scale
O.C.	On Center
O.D.	Outside Diameter
O.H.	Opposite Hand
O.R..C.	Oregon Residential Specialty Code
O.S.B.	Oriented Strand Board
O.S.S.C.	Oregon Structural Specialty Code
O.S.V.	On Site Verification
P.D.T.F.	Power Driven Track Fastener
Perp.	Perpendicular
Pl.	Plate
P.L.F.	Pound per Linear Foot
P.T.	Pressure Treated
P.W.	Plate Washer
Ref.	Reference
Reinf.	Reinforcement (rebar)
Rft.	Rafter
S.G.N.	Structural General Notes
Sim.	Similar
S.N.	Shear Nail
S.L.	Snow Load
Spec.	Specifications
Std.	Standard
Stgr.	Stagger
Stifnr.	Stiffener
T.	Top
T&B	Top and Bottom
T.D.	Typical Detail
T&G	Tongue and Groove
Thk.	Thickness
T.N.	Toe Nail
T.O.B.	Top Of Beam
T.O.C.	Top Of Concrete
T.O.F.	Top Of Footing
T.O.M.	Top Of Masonry
T.O.S.	Top Of Steel
T.O.P.	Top Of Plate
Typ.	Typical
U.B.C.	Uniform Building Code
U.B.O.	Unless Noted Otherwise
Vert.	Vertical
V.S.H.	Vertically Slotted Holes
Wd.	Wood
W.E.N.	Wall Edge Nailing
W.W.F.	Welded Wire Fabric
W/	With
W/O	WithOut

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JANUARY 9, 2007
MICHAEL D. MOSER
EXPIRES: 12-31-26

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CITY OF CHILOQUIN
PUBLIC WORKS BUILDING
CHILOQUIN, OR 97624

STRUCTURAL GEN NOTES

ADKINS ENGINEERING & SURVEYING
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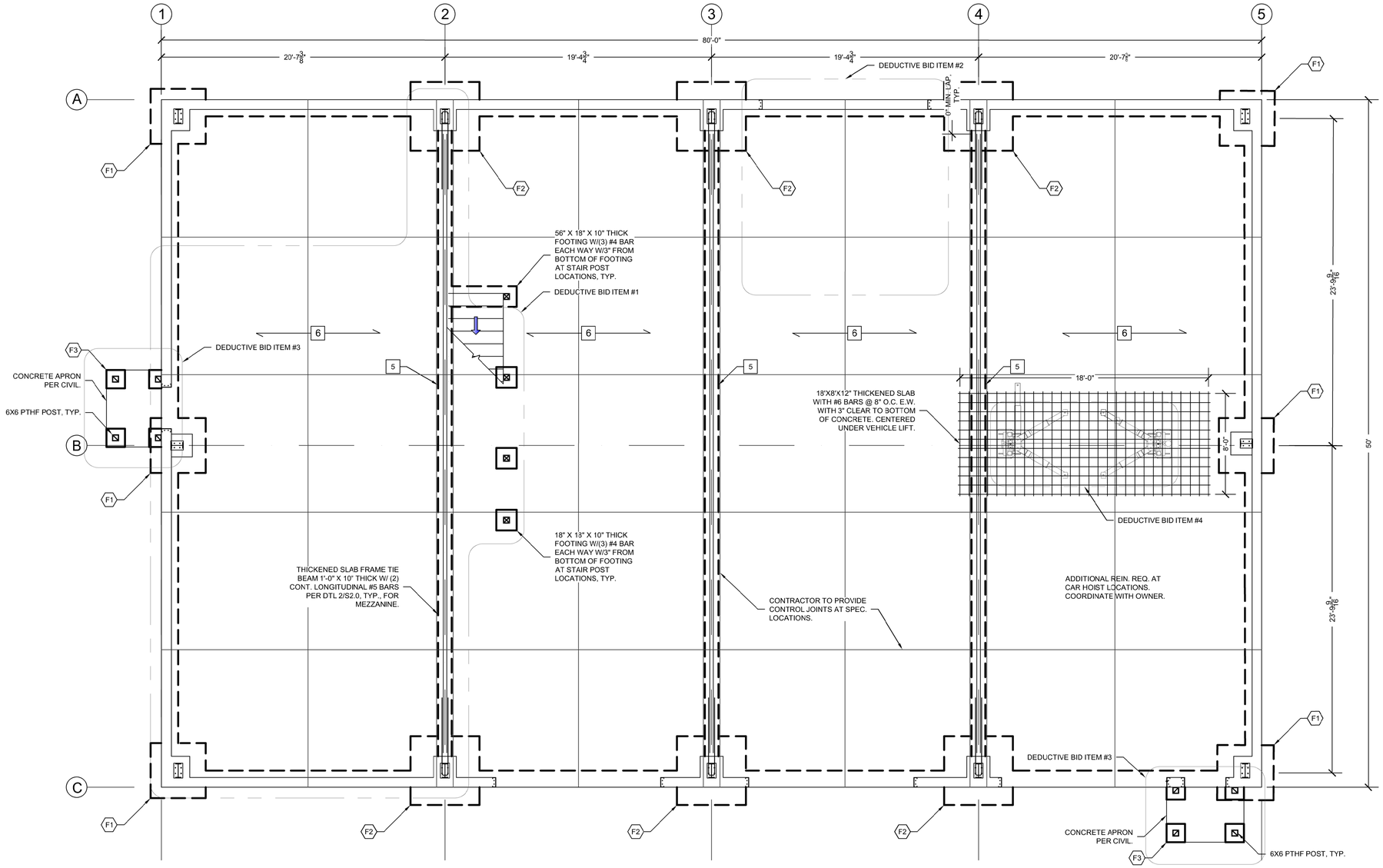
SCALE	DESIGNED BY		
SHOWN	SJL		
DATE	SURVEYED BY		
09.14.2026	N/A		
SHEET	DRAWN BY		
6 OF 10	SJL		
PROJ. 1011-88 ARCH	CHECKED BY		
	MDM		

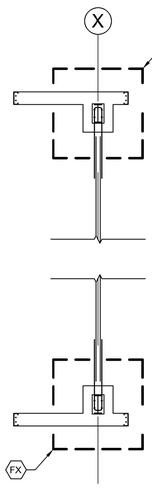
SHEET NUMBER:

S1.0



1 FOUNDATION PLAN
Scale: 1/4" = 1'-0"

LEGEND:



TYPICAL METAL BLDG FRAME LINE W/ FOOTINGS, PEDESTALS, AND TIE BEAM PER PLAN.

FX — FOOTING PER SCHEDULE

PTHF POST PER PLAN

SHEET NOTES:

1. REFER TO SHEET S1.0, STRUCTURAL GENERAL NOTES, FOR TYPICAL REQUIREMENTS.
2. DIMENSIONS ARE PROVIDED FOR THE CONVIENENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH THE METAL BUILDING MANUFACTURER'S DRAWINGS. DO NOT SCALE DRAWINGS.
3. FINISH GRADE SHALL BE SLOPED AWAY FROM THE FOUNDATION AT ½" PER 1'-0" FOR 10'-0" MIN.
4. CENTER FOOTINGS UNDER WALLS AND POSTS UNLESS NOTED OTHERWISE ON PLANS AND/OR DETAILS.
5. FRAME TIE BEAM INTEGRAL W/SLAB ON GRADE. PROVIDED (2) #6 CONTINUOUS WITH 50" LAPS & #3 STIRRUPS @ 5" O.C., PROVIDE #6 "U" BAR WRAPPED AROUND COLUMN ANCHOR BOLTS @ EA. END, TYP.
6. 6" THICK 4,000 PSI CONCRETE SLAB-ON-GRADE OVER 4" OF FREE DRAINING 3/4" CRUSHED ROCK. CRUSHED ROCK SHALL CONTAIN NO FINES TO PROVIDE A CAPILLARY MOISTURE BREAK. REINFORCE SLAB WITH #4 BARS @ 18" O.C. BOTH WAYS AT SLAB MID-THICKNESS AND #5 @ 12" O.C. AT CAR HOIST LOCATION. THE CONTRACTOR MAY SUBSTITUTE FIBER MESH AT HIS ON RISK WHICH PROVIDES A COMPARABLE AMOUNT OF TEMPERATURE AND SHRINKAGE REINFORCEMENT AS THE SPECIFIED SLAB STEEL REINFORCEMENT EXCEPT FOR AT LOCATION FOR CAR HOIST. PROVIDE MOISTURE BARRIER, INSULATION BELOW THE 1,000 SF OFFICE OCCUPANCY, & CRACK CONTROL JOINT LOCATIONS AS REQUIRED BY THE OWNER, AND FIBER MFG. RECOMMENDATIONS.

FOOTING SCHEDULE

MARK	SIZE			REINFORCEMENT		NOTES
	LENGTH	WIDTH	THICKNESS	LONGITUDINAL	TRANSVERSE	
F1	4'-0"	4'-0"	1'-4"	5 - #5	5 - #5	18" SQ. PEDESTAL W/ (4) #5 VERTS & (3) #3 STIRRUPS @ 3" O.C. TOP & 9" O.C. ELSEWHERE. (2) CONTINUOUS # 5 TIE BARS. SEE DTL 1/S2.1.
F2	5'-0"	5'-0"	1'-4"	6 - #5	6 - #5	18" SQ. PEDESTAL W/ (4) #5 VERTS & (3) #3 STIRRUPS @ 3" O.C. TOP & 9" O.C. ELSEWHERE. (2) CONTINUOUS # 5 TIE BARS & #3 STIRRUPS WITH 135° BEND REQUIRED TO RESIST THRUST. SEE DTL 2/S2.1.
F3	1'-4"	1'-4"	3'-0	-	-	EMBEDDED POST FOOTING PER DTL 5/S2.1 FOR CANOPY POSTS.

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OREGON
JANUARY 9, 2007
MICHAEL D. MOSER
EXPIRES: 12-31-26

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CITY OF CHILOQUIN
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CHILOQUIN, OR 97624
FOUNDATION PLAN

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SCALE	SURVEYED BY	
SHOWN	N/A	

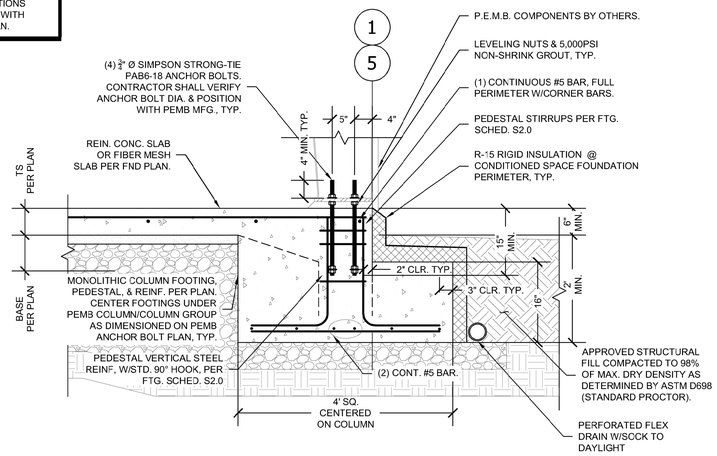
DATE	SHEET	PROJ.
09.14.2026	7 OF 10	1011-88 ARCH

SHEET NUMBER:

S2.0

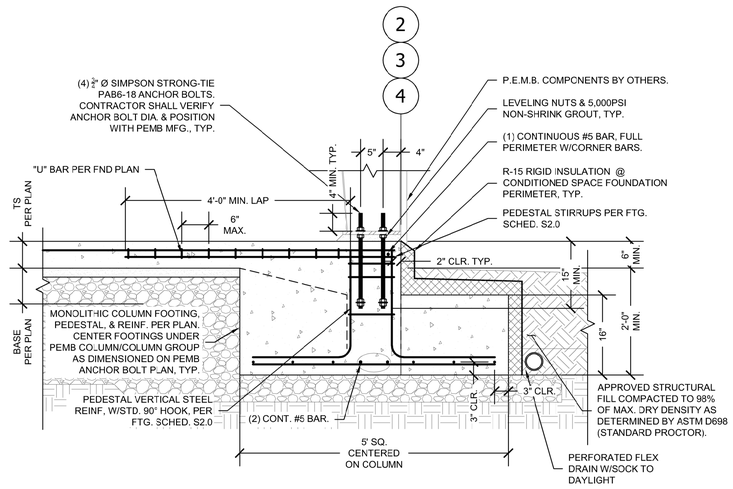
NOTE:

ALL ANCHOR BOLT LOCATIONS SHALL BE COORDINATED WITH THE P.E.M.B. LAYOUT PLAN.



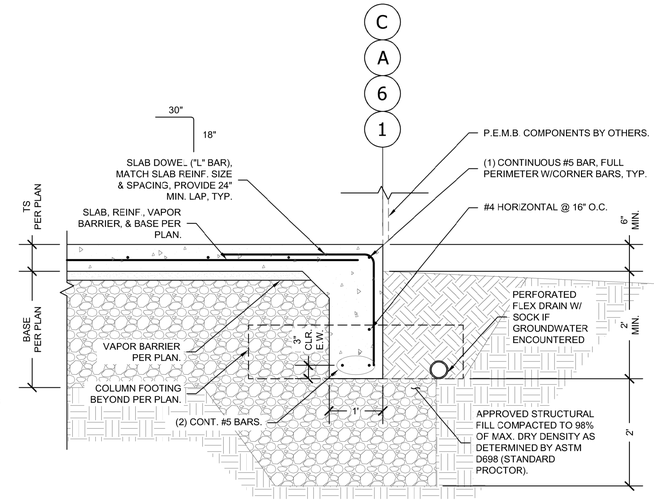
1 PERIMETER FTGS ALONG FRAMELINES 1 & 5

Scale: 3/4" = 1'-0"



2 INTERIOR FTGS ALONG FRAMELINES 2-4

Scale: 3/4" = 1'-0"



3 TURNDOWN @ BLDG PERIMETER (NO INTERIOR WALL)

Scale: 3/4" = 1'-0"

3 TYPICAL SLAB TURNDOWN @ BLDG PERIMETER (WITH INTERIOR WALL)

Scale: 3/4" = 1'-0"

NOTES:
1. CONSTRUCTION OR CONTROL „OINT LOCATIONS PER FOUNDATION/SLAB PLAN.
2. USE "EARLY ENTRY DRY CUT SAW" AS SOON AS POSSIBLE WITHOUT CAUSING RAVELING OF CONCRETE EDGES. SAW CUT SHORT DIRECTION FIRST.
3. PROVIDE CONSTRUCTION/CONTROL JOINT TO ENCLOSE APPROXIMATE SQ. AREAS OF NO MORE THAN 100 SF, MAX PANEL ASPECT RATIO OF 1.3 TO 1.0.

4 SLAB ON GRADE JOINT DETAILS

Scale: 3/4" = 1'-0"

5 EMBEDDED POST FTG

3/4" = 1'-0"

6 FRAME TIE BEAM DETAIL

Scale: 3/4" = 1'-0"

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OREGON
JANUARY 9, 2007
MICHAEL D. MOSER
EXPIRES: 12-31-26

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CHILOQUIN, OR 97624

FOUNDATION DETAILS

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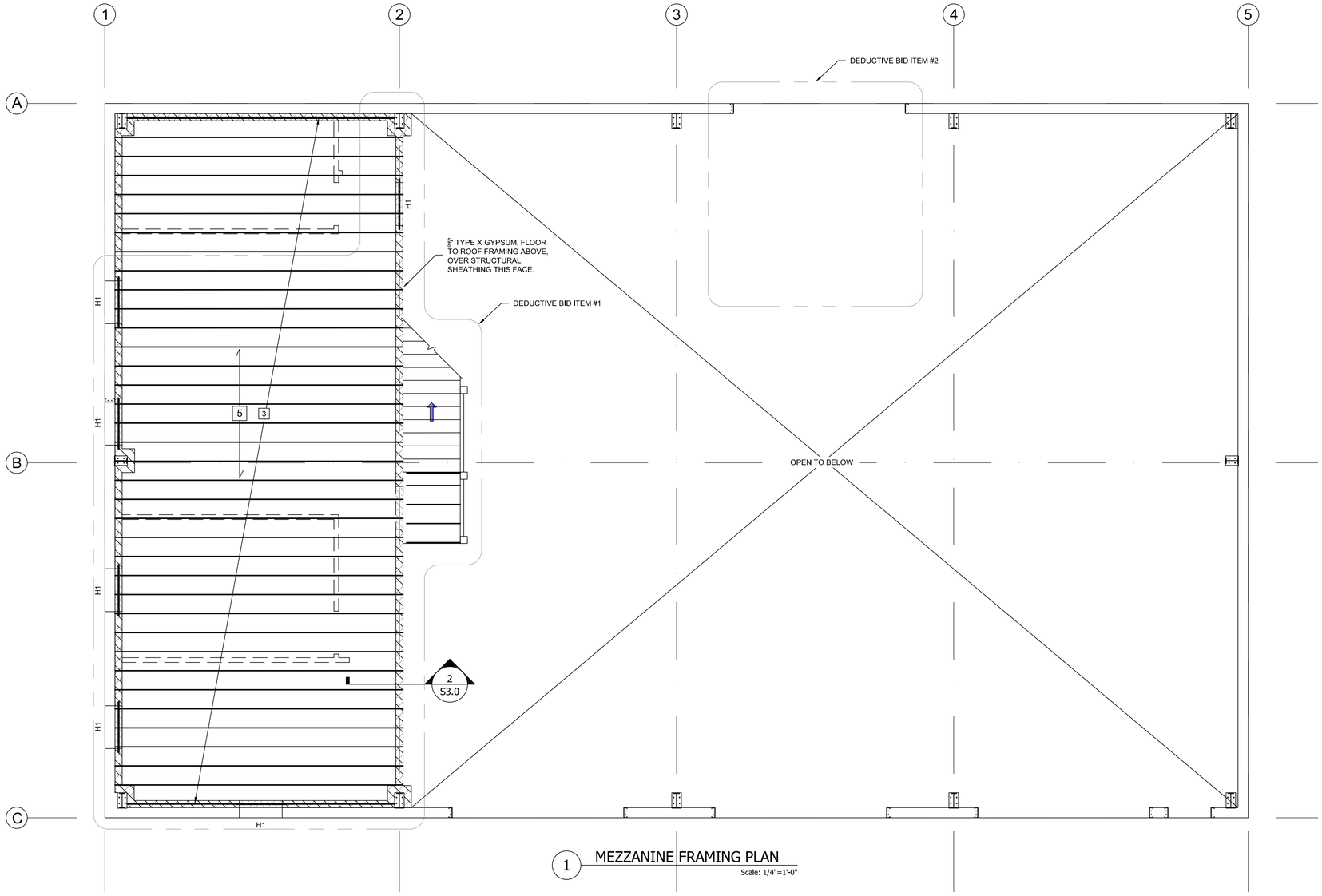
SJL	SJL	MDM

SCALE	SURVEYED BY	SHEET	PROJ.1011-88
SHOWN	N/A	8 OF 10	ARCH

DATE 09.14.2026

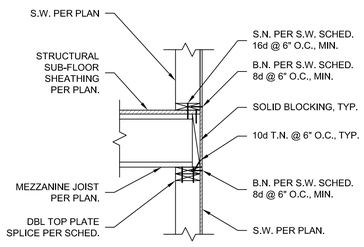
SHEET NUMBER:

S2.1



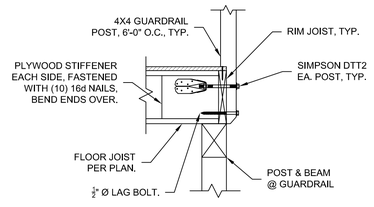
1 MEZZANINE FRAMING PLAN

Scale: 1/4"=1'-0"



2 TYPICAL PLATFORM FRAMING DETAIL

Scale: 3/4" = 1'-0"



3 MEZZANINE JOIST AND GUARDRAIL

Scale: 3/4" = 1'-0"

LEGEND:

- NON LOAD BEARING WALL BELOW
- LOAD BEARING WALL BELOW
- JOIST PER PLAN.
- PRE-ENGINEERED METAL BLDG COLUMN BY OTHERS

SHEET NOTES:

1. REFER TO SHEET S1.0, STRUCTURAL GENERAL NOTES, FOR TYPICAL REQUIREMENTS.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS. DO NOT SCALE DRAWINGS.
3. USE 16" BCI 90-2.0 DF JOISTS @ 16" O.C., TYP.
4. LAY FLOOR STRUCTURAL PANELS WITH THE LONG DIMENSION AT RIGHT ANGLE TO SUPPORTS AND CONTINUOUS OVER TWO OR MORE SPANS.
5. FLOOR SHEATHING SHALL BE 3/4" THICK APA T&G PLYWOOD OR OSB WITH 48"/24" SPAN RATING. USE 10d @ 4" O.C. (BN) AT EXTERIOR WALLS AND INTERIOR SHEAR WALLS. 10d @ 6" O.C. (EN) ALONG PANEL EDGES AND 10d @ 10" O.C. AT INTERMEDIATE SUPPORTS. U.O.N. MINIMUM PENETRATION IS 1 5/8" INTO FRAMING.
6. SEALED CONCRETE FLOOR IN 1,000 SF OFFICE SPACE AT FIRST FLOOR.

WOOD HEADER SCHEDULE

MARK	TYPE	SIZE	BEARING STUDS	FULL HEIGHT STUDS	NOTES
H1	DF #1	6X8	2	1	OPENINGS WIDER THAN 3' USE 6X10
H2	-	-	-	-	
H3	-	-	-	-	
H4	-	-	-	-	
H5	-	-	-	-	
H6	-	-	-	-	

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MEZZANINE FRAMING PLAN

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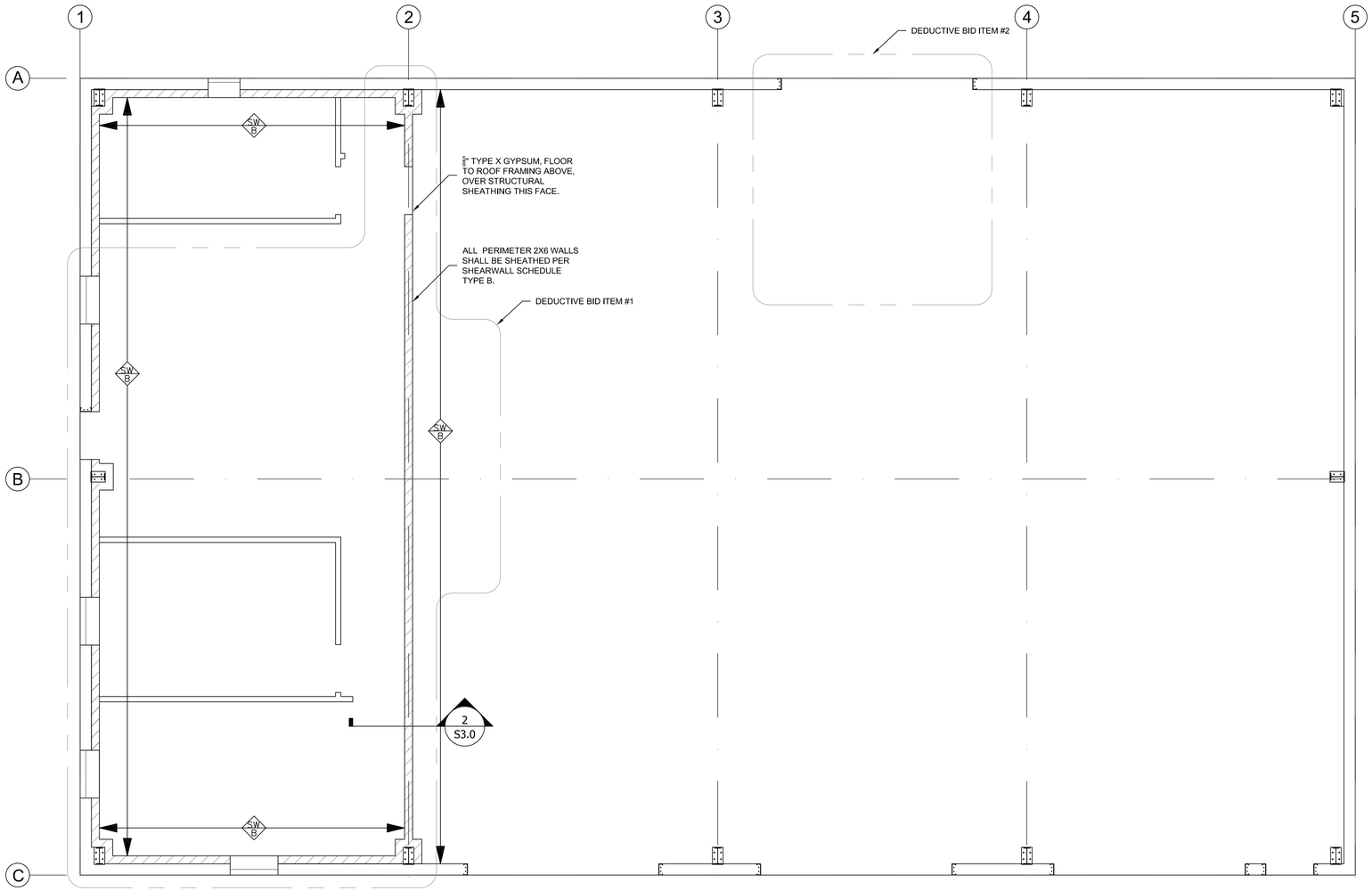
SCALE	DATE	SHEET	PROJ.
SHOWN	09.14.2026	9 OF 10	1011-88 ARCH

SHEET NUMBER:

S3.0



1 FIRST FLOOR LATERAL PLAN

Scale: 1/4"=1'-0"

LEGEND:

SHEAR WALL PER SCHED.

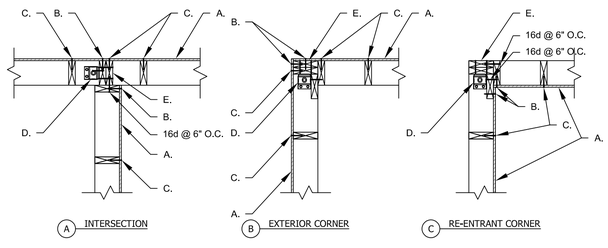
SHEET NOTES:

1. REFER TO SHEET S1, STRUCTURAL GENERAL NOTES, FOR TYPICAL REQUIREMENTS.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS. DO NOT SCALE DRAWINGS.
3. MINIMUM SIZE MEMBERS LISTED IN SCHEDULES SHALL BE PROVIDED AT LEVEL SHOWN AND LEVEL BELOW.
4. THE SAME SHEARWALL LAYOUT SHALL BE USED FOR THE SECOND-FLOOR MEZZANINE.

SHEAR WALL SCHEDULE

MARK	STRUCTURAL SHEATHING	FASTENERS (COMMON NAILS OR GALVANIZED BOX)	SPACING		BOTTOM PLATE, S.N.	BLOCKING/ RIM JOIST	MUD SILL	REMARKS
			EDGE NAILING, E.N.	FIELD NAILING, F.N.				
SW A	7/16" APA RATED SHT'G ONE SIDE	8d	4" O.C.	12" O.C.	NOT USED	16d TOE NAILS @ 4" O.C.	5/8"ØX7" EMBED. A.B. @ 48" O.C.	
SW B	7/16" APA RATED SHT'G ONE SIDE	8d	6" O.C.	12" O.C.	16d COMMON @ 6" O.C., STAGGERED	16d TOE NAILS @ 6" O.C.	5/8"ØX7" EMBED. A.B. @ 48" O.C.	

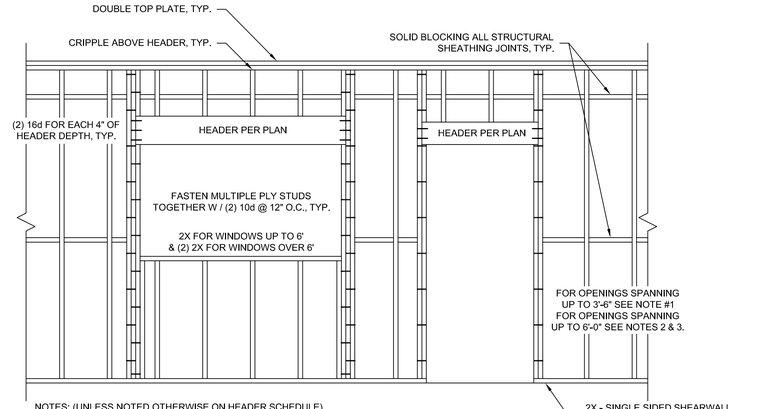
SHEARWALL NOTES:
1. ALL FASTENERS IN CONTACT WITH PRESSURE TREATED MATERIAL MUST BE HOT DIP GALVANIZED, HDG.
2. SUBSTITUTE SIMPSON RBC BOUNDARY CLIPS FOR A35s AT ROOF BLOCKING.
3. SHEATHING ON SHEARWALLS SHALL NOT BE INTERRUPTED BY INTERSECTING WALLS.
4. PROVIDE DOUBLE STUD BLOCKING W/16d @ 4" O.C. AT ADJOINING PANEL EDGES TO AVOID SPLITTING. NAIL EACH PANEL EDGE TO ONLY ONE 2X.
5. SIMPSON PRODUCTS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
6. DO NOT INSTALL FOUNDATION VENT WITHIN 12" OF FOUNDATION OR HOLDOWN ANCHOR BOLTS.
7. DOUBLE SIDED SHEARWALLS SHALL OFFSET SHEATHING EDGES ON ONE SIDE OF THE SHEARWALL FROM THOSE ON THE OTHER SIDE.
8. DO NOT "OVERDRIVE" FASTENERS. OVERDRIVEN FASTENERS PENETRATING THE SURFACE OF THE SHEATHING BY MORE THAN 1/8" SHALL BE RE-FASTENED.
9. ALL SHEARWALLS SHALL HAVE A DOUBLE TOP PLATE W/4'-0" MINIMUM LAP AT SPLICES. FASTEN SPLICES WITH AT LEAST 12-16d NAILS EACH SIDE OF SPLICE UNO.
10. ALL ANCHOR BOLTS SHALL HAVE 2" SQUARE X 3/16" HDG PLATE WASHERS.



SHEARWALL INTERSECTION NOTES:
A. STRUCTURAL SHEATHING PER SHEARWALL SCHEDULE, 7/16" OSB MIN.
B. B.N. PER SHEARWALL SCHEDULE. 8d @ 6" O.C. MIN.
C. F.N. @ 12" O.C., SAME SIZE AS B.N. & E.N., TYP.
D. HOLDOWN PER PLAN.
E. HOLDOWN POST & FASTENERS PER HOLDOWN SCHEDULE.

4 SHEARWALL INTERSECTIONS

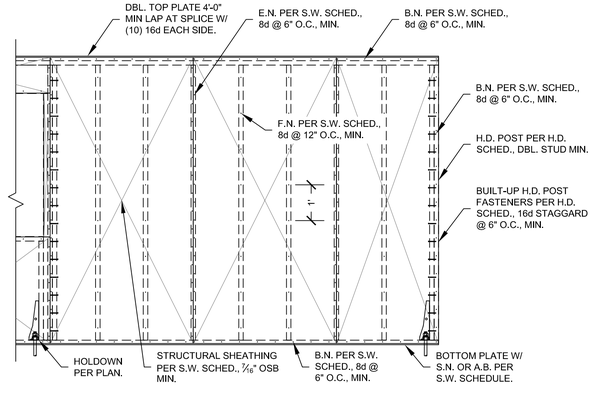
Scale: 3/4" = 1'-0"



NOTES: (UNLESS NOTED OTHERWISE ON HEADER SCHEDULE)
1. OPENINGS UP TO 3'-6" IN BEARING WALLS, PROVIDE (1) BEARING & (1) FULL HEIGHT STUD
2. OPENINGS 3'-7" TO 6'-0" IN LOAD BEARING WALLS, PROVIDE (2) BEARING & (2) FULL HEIGHT STUDS
3. OPENINGS UP TO 6'-0" IN NON-LOAD BEARING WALLS, PROVIDE (1) BEARING & (1) FULL HEIGHT STUD
4. MINIMUM HEADER SIZE IN 6" WALLS SHALL BE 6 X 8 & 4 X 8 IN 4" WALLS
5. MINIMUM WALL NAILING, PROVIDE 8d @ 6" O.C. PANEL EDGES & @ 12" O.C. FIELD

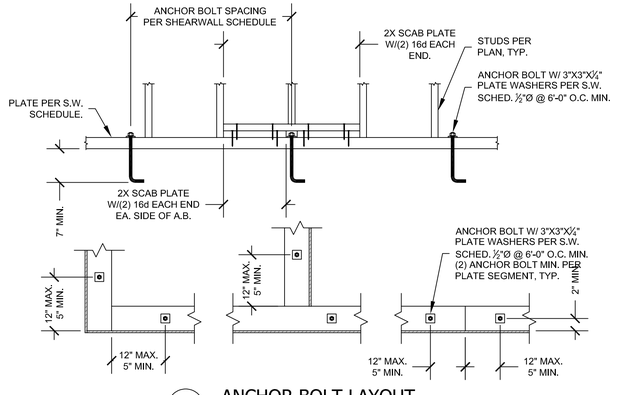
2 TYPICAL WALL/HEADER FRAMING DETAIL

Scale: NTS



3 TYPICAL SHEARWALL ELEVATION

Scale: NTS



5 ANCHOR BOLT LAYOUT

Scale: 3/4" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER
70805PE
OREGON
JANUARY 9, 2007
MICHAEL D. MOSER
EXPIRES: 12-31-26

No.	REVISION	DATE	BY

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1ST FLOOR LATERAL PLAN

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SCALE	DATE	SHEET	PROJ.
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SHEET NUMBER:

S3.1