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ORIGINAL DOCUMENT SIZE 24" X 36"

ABBREVIATIONS

& or ℄	AND	LAM	LAMINATED
∠	ANGLE	LAV	LAVATORY
@	AT	LB	LAG BOLT
℄	CENTER LINE	LBS	POUNDS
=	EQUAL	LP	LIGHT POLE
#	NUMBER	LT	LIGHT
¢	PENNY	LTS	LIGHT SWITCH
⊥	PERPENDICULAR	M	MIRROR
℄	PLATE OR PROPERTY LINE	MAX	MAXIMUM
ø	ROUND OR DIAMETER	MB	MACHINE BOLT
AB	ANCHOR BOLT	MDF	MEDIUM DENSITY FIBERBOARD
ACT	ACOUSTICAL TILE	MDO	MEDIUM DENSITY OVERLAY
AD	ABOVE DATUM	MECH	MECHANICAL
ADJ	ADJUSTABLE OR ADJACENT	MED	MEDIUM
AFF	ABOVE FINISHED FLOOR	MFR	MANUFACTURER
AL	ALUMINUM	MH	MANHOLE
ALT	ALTERNATE	MIN	MINIMUM
APN	ACOUSTICAL PANEL	MISC	MISCELLANEOUS
ARCH	ARCHITECT	MO	MASONRY OPENING
		MOD	MODIFY
B.M.	BENCH MARK	MR	MOISTURE RESISTANT
BD	BOARD	MTD	MOUNTED
BFF	BELOW FINISH FLOOR	MTL	METAL
BLD'G	BUILDING	MW	MICROWAVE
BLK'G	BLOCKING		
BM	BEAM	N	NORTH
BOT	BOTTOM	NFHB	NON-FREEZE HOSE BIBB
BTWN	BETWEEN	NIC	NOT IN CONTRACT
		NO	NUMBER
C	CLOCK OR COFFEE	NOM	NOMINAL
CABS	CABINETS	NTS	NOT TO SCALE
CB	CATCH BASIN OR CHALKBOARD		
CC	CENTER TO CENTER	OC	ON CENTER
CFCI	CONTRACTOR FURNISHED & INSTALLED	OD	OUTSIDE DIAMETER
CFI	CONTRACTOR FURNISHED ITEM	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
CH	COAT HOOK		
CJ	CONTROL JOINT	OFOI	OWNER FURNISHED, OWNER INSTALLED
CL.	CENTER LINE		
CLG	CEILING	OH	OVERHEAD
CLR	CLEAR	OHL	OVERHEAD LINE
CMP	CORRUGATED METAL PIPE	OPNG	OPENING
CMU	CONCRETE MASONRY UNIT		
C.O.	CLEAN OUT	P	POWER
COL	COLUMN	P&S	POLE AND SHELF
CONC	CONCRETE	PL	PLASTIC
CONT	CONTINUOUS	P-LAM	PLASTIC LAMINATE
CPP	CORRUGATED PLASTIC PIPE	POC	POINT OF CONNECTION
CPT	CARPET	PLYW	PLYWOOD
CR	CLASSROOM	PP	POWER POLE
CORR	CORRIDOR OR CORRUGATED	PR	PAIR
CT	CERAMIC TILE	PSI	POUNDS PER SQUARE INCH
CUST	CUSTODIAN	PSL	PARALLEL STRAND LUMBER
CW	COLD WATER	PT	POINT
		PTD	PAPER TOWEL DISPENSER
DBL	DOUBLE	QT	QUARRY TILE
DEPT	DEPARTMENT		
DTL	DETAIL	R	RADIUS OR RISER
DF	DRINKING FOUNTAIN	RB	RUBBER BASE
DIA	DIAMETER	RD	ROOF DRAIN
DIFF	DIFFERENCE	RECP	ELECTRICAL RECEPTICAL
DIM	DIMENSION	REF	REFRIGERATOR
DIV	DIVISION	REV	REVISIONS
DN	DOWN	REQ'D	REQUIRED
DR	DOOR	RM	ROOM
DS	DOWN SPOUT	RO	ROUGH OPENING
DW	DISHWASHER	RTD&WR	RECESSED TOWEL DISPENSER AND WASTE RECEPTACLE
DWG	DRAWING		
		RWL	RAINWATER LEADER
(E)	EXISTING		
E	EAST	S	SOUTH OR SINK
EA	EACH	S&P	SHELF AND POLE
EFC	EPOXY FLOOR COVERING	SCD	SEAT COVER DISPENSER
EJ	EXPANSION JOINT	SC	SOLID CORE
ELEC	ELECTRICAL	SD	SOAP DISPENSER
EO	ELECTRICAL OUTLET	SHLV	SHELVING
ELEV	ELEVATION	SHT	SHEET
EQ	EQUAL	SHTHNG	SHEATHING
EQUIP	EQUIPMENT	SIM	SIMILAR
EWC	EPOXY WALL COVERING	SND	SANITARY NAPKIN DISPENSER
EXIST	EXISTING	SNR	SANITARY NAPKIN RECEPTACLE
EXP	EXPANSION	SPECS	SPECIFICATIONS
EXT	EXTERIOR	SQ	SQUARE
		SS	STAINLESS STEEL OR SANITARY SEWER
FC	FILE CABINET		
FD	FLOOR DRAIN	STSWR	STORM SEWER
FDN	FOUNDATION	STD	STANDARD
FE	FIRE EXTINGUISHER	STDPP	STANDPIPE
FEC	FIRE EXTINGUISHER CABINET	STL	STEEL
FF	FINISHED FLOOR	STOR	STORAGE
FH	FIRE HYDRANT	STRUCT	STRUCTURAL
FIN	FINISH	SUSP	SUSPENDED
FLR	FLOOR	SVF	SHEET VINYL FLOORING
FRP	FIBERGLASS REINFORCED PLASTIC	SWC	SPECIAL WALL COATING
FT	FOOT OR FEET		
FTG	FOOTING	TB	TACK BOARD OR TOWEL BAR
		TD	TOWEL DISPENSER
GALV	GALVANIZED	T&G	TONGUE AND GROVE
GB	GRAB BAR	TEMP	TEMPERATURE
		TME	TO MATCH EXISTING
GFB	GYPSUM FIBER BOARD	TOIL	TOILET
GL	GLASS	TOM	TOP OF MASONRY
GM GWB	GLASS MAT GYPSUM WALL BOARD	TOP	TOP OF PLATE
GV	GATE VALVE	TOS	TOP OF STEEL
GWB	GYPSUM WALL BOARD	TP	TEST PIT
GYP	GYPSUM	TPH	TOILET PAPER HOLDER
		TFMR	TRANSFORMER
HB	HOSE BIBB	TW	TACK WALL
HC	HANDICAPPED	TYP	TYPICAL
HD	HAND DRIER		
HDBD	HARDBOARD	UPC	UNIFORM PLUMBING CODE
HDWD	HARDWOOD	UG	UNDERGROUND
HM	HOLLOW METAL	UL	UNDERWRITERS LABORATORY
HO	HOLD OPEN	UNFIN	UNFINISHED
HR	HOUR	UON	UNLESS OTHERWISE NOTED
HT	HEIGHT	UP	UTILITY POLE
HW	HOT WATER	UV	UNIT VENTILATOR
HWG	HIGH WALL GRILLE		
HWH	HOT WATER HEATER	VNR	VENEER
HWR	HOT WATER RETURN	VCT	VINYL COMPOSITION TILE
HWS	HOT WATER SUPPLY	VEST	VESTIBULE
HWT	HOT WATER TANK	VG	VERTICAL GRAIN
		VWF	VINYL WALL FABRIC
IBC	INTERNATIONAL BUILDING CODE		
IFC	INTERNATIONAL FIRE CODE	W	WEST
ID	INSIDE DIAMETER	W/	WITH
IE	INVERT ELEVATION	W/O	WITHOUT
INSUL	INSULATION	WB	WHITE BOARD
INT	INTERIOR	WD	WOOD
INV	INVERT	WIN	WINDOW
		WM	WATER MAIN
JST	JOIST	WOM	WALK OFF MAT
JT	JOINT	WP	WEATHERPROOF
		WR	WASTE RECEPTACLE
KIT	KITCHEN	WT	WEIGHT
KPL	KICK PLATE	WWM	WOVEN WIRE MESH

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GENERAL NOTES

1. ALL WORK ON THIS PROJECT SHALL BE IN CONFORMANCE WITH ALL LOCAL CODES AND ORDINANCES AND SHALL CONFORM TO ALL LOCALLY ADOPTED BUILDING CODES.
2. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO WORK. VERIFY AND COORDINATE EXISTING SITE AND BUILDING CONDITIONS IN RELATIONSHIP TO NEW WORK. IF DISCREPANCIES ARE NOTED, THE CONTRACTOR SHALL CONTACT THE ARCHITECT PRIOR TO WORK FOR CLARIFICATION.
3. IF CONFLICTS ARE FOUND BETWEEN THE DRAWINGS AND/OR THE SPECIFICATIONS, THE CONTRACTOR SHALL SEEK WRITTEN CLARIFICATION FROM THE ARCHITECT OR PROVIDE THE MORE EXPENSIVE.
4. UNLESS OTHERWISE NOTED, EXISTING ITEMS TO REMAIN ARE SHOWN IN A LIGHTER LINE WEIGHT THAN NEW ITEMS.
5. DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL USE DIMENSIONS SHOWN ON THE DRAWINGS AND ACTUAL FIELD MEASUREMENTS. PROMPTLY NOTIFY THE ARCHITECT IF DISCREPANCIES ARE FOUND.
6. ITEMS NOTED AS 'TYPICAL' ON ANY DRAWING SHALL APPLY TO ALL DRAWINGS.
7. CONSULTANT DRAWINGS ARE DIAGRAMMATIC AND SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR & SUB CONTRACTOR TO BID AND INSTALL THEIR WORK IN ACCORDANCE WITH THE ARCHITECTURAL DRAWINGS. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL DRAWINGS AND THE CONSULTING ENGINEER(S) DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BY WRITTEN NOTIFICATION FOR CLARIFICATION PRIOR TO THE COMMENCEMENT OF THE WORK AFFECTED.
8. THE CONTRACTOR SHALL PROTECT, REPAIR, MODIFY AND/OR REPLACE ALL UTILITIES, PAVEMENTS, PUBLIC & PRIVATE PROPERTIES, INSTALLATIONS, STRUCTURES, BUILDINGS OR PORTIONS OF, ABOVE OR BELOW GROUND DURING THE COURSE OF CONSTRUCTION TO COMPLETE WORK SHOWN IN THE CONSTRUCTION SET. NOT ALL PROTECTION, REPAIR, MODIFICATION OR REPLACEMENT REQUIRED IS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE SUFFICIENT BUDGET TO COVER ALL PROTECTION, REPAIR, MODIFICATION AND/OR REPLACEMENT OF EXISTING UTILITIES, PAVEMENTS, PUBLIC & PRIVATE PROPERTIES, INSTALLATION, STRUCTURES, BUILDINGS OR PORTIONS OF, ABOVE OR BELOW GROUND WITHIN THE BID SUM.
9. THE REPAIR, MODIFICATION OR REPLACEMENT OF ANY EXISTING UTILITY, PAVEMENT, PUBLIC & PRIVATE PROPERTY, INSTALLATION, STRUCTURE, BUILDING OR PORTIONS OF, ABOVE OR BELOW GROUND, SHALL MATCH THE ORIGINAL CONDITION IN QUALITY, SUBSTANCE AND APPEARANCE.
10. WHERE EXISTING WORK IS CHANGED, MODIFIED, OR NEW WORK ADJOINS, CONNECTS TO OR ABUTS EXISTING, THE EXISTING WORK SHALL BE ALTERED AS NECESSARY, JOINED & CONNECTED IN A SUBSTANTIAL, NEAT AND WORKMANSHIP MANNER.
11. IT IS THE RESPONSIBILITY OF EACH CONTRACTOR & SUB CONTRACTOR TO REVIEW ALL DRAWINGS AND SPECIFICATIONS INCLUDING ADDENDA TO IDENTIFY ALL WORK REQUIRED. THE CONTRACTOR OR SUB CONTRACTOR SHALL REVIEW EACH DRAWING AND COORDINATE BETWEEN ALL PLANS AND SPECIFICATIONS. FURTHER, EACH SUB CONTRACTOR SHALL COORDINATE THEIR WORK WITH THE GENERAL CONTRACTOR TO PROVIDE PROPER SEQUENCE, PLACEMENT, TOLERANCES AND REQUIREMENTS OF OTHER SUB CONTRACTORS. SUB CONTRACTORS SHALL BE RESPONSIBLE FOR THE REMOVAL & REPLACEMENT OF THEIR WORK THAT MUST BE MODIFIED, REPLACED, REPAIRED OR OTHERWISE ALTERED TO ACHIEVE THE DESIGN INTENT OR CODE REQUIREMENT DUE TO LACK OF COORDINATION WITH THE GENERAL CONTRACTOR.
12. WORK INSTALLED IN CONFLICT WITH CONSTRUCTION DOCUMENTS WILL BE CONSIDERED IN NON-CONFORMANCE AND SHALL BE CORRECTED AT NO EXPENSE TO OWNER OR ARCHITECT.
13. FOLLOW MANUFACTURER'S INSTRUCTIONS, EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE INDICATED OR REQUIRED BY CONSTRUCTION DOCUMENTS OR APPLICABLE CODES, ORDINANCES AND REGULATIONS.

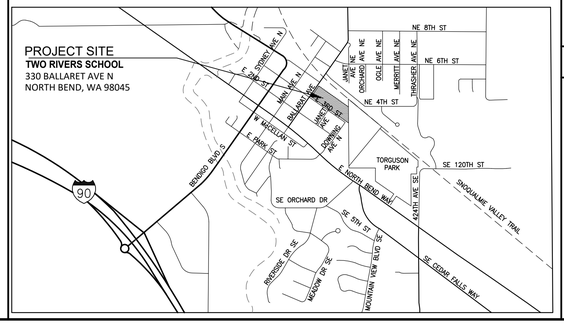
SYMBOLS

- A305 — BUILDING SECTION NUMBER / DRAWING SHEET NUMBER
- 40 / A3.15 — SECTION NUMBER / DRAWING SHEET NUMBER
- 40 / A3.15 — DETAIL NUMBER / DRAWING SHEET NUMBER
- 1 / 6 / A5.1 / 5 — INTERIOR ELEVATION / DRAWING SHEET NUMBER
- 23 / B — DOOR NUMBER / HARDWARE GROUP NUMBER
- ROOM SIGNAGE LOCATION
- 1 — WINDOW TYPE
- a — LOUVER TYPE

LEGEND

- CONCRETE (large scale)
- CONCRETE (small scale)
- GRAVEL
- WOOD (milled)
- WOOD (framing)
- INSULATION (rigid)
- INSULATION (batt)
- STEEL
- GLASS
- EARTH (un-disturbed)
- EARTH (fill)
- PLYWOOD
- ASPHALT (large scale)
- ASPHALT (small scale)

VICINITY MAP



PROJECT TEAM

OWNER/AGENT
SNOQUALMIE VALLEY SCHOOL DISTRICT #410
8001 SILVA AVE SE
PO BOX 400
SNOQUALMIE, WA 98065
ATTENTION: RYAN STOKES
PH: (425) 831-8011
E-MAIL: RYANS@SVSD410.ORG

ARCHITECT
SCR ARCHITECTS
1221 E PIKE ST UNIT 205,
SEATTLE WA, 98122
ATTENTION: SCOTT CONNOR
PH: (206) 228-1014
E-MAIL: scott@scr-arch.com

CIVIL ENGINEER
JACOBSON CONSULTING ENGINEERS
255 S KING ST SUITE 800
SEATTLE, WA 98104
ATTENTION: ALAN JACOBSON
PH: (206) 399-6233
E-MAIL: ALAN@JACOBSONENGINEERS.COM

STRUCTURAL ENGINEER
ATLAS DESIGN GROUP
22024 68TH AVE S
KENT,WA, 98032
ATTENTION: CHRISTOPHER PADIN
PH: (253) 548-7193
E-MAIL: CHRIS.PADIN@ADG-INC.COM

ELECTRICAL ENGINEER
TRAVIS FITZMAURICE WARTELLE BALANGUE ENGINEERS
1200 WESTLAKE AVE. N. SUITE 509
SEATTLE, WA. 98109
ATTENTION: KEVIN WARTELLE
PH: 206-459-3362
E-MAIL: KEVIN@TF-WB.COM

MECHANICAL ENGINEER
BOGARD | PASCUA ENGINEERS
22121 17TH AVENUE SE, SUITE 111
BOTHELL, WASHINGTON 98021
ATTENTION: LEE BOGARD
PH: (206) 972-6829
E-MAIL: LBOGARD@BP-ENG.COM

PROJECT DATA

NAME OF PROJECT: EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT DESCRIPTION: ADDITION TO PORTABLE BUILDINGS AT EXISTING ALTERNATIVE SCHOOL.

ESTIMATED PROJECT VALUE: $ 3,230,000
- $ 2,060,000 FOR BUILDING
- $ 340,000 FOR ENTRY CANOPY AND COVERED PLAY
- $ 830,000 FOR SITE WORK

ACTIVITIES ON SITE: NORMAL EARLY CHILDHOOD CENTER & DAY CARE ACTIVITIES

HOURS OF OPERATION: APPROX. 7:00 AM - 10:00 PM

SITE ADDRESS: TWO RIVERS ALTERNATIVE SCHOOL
330 BALLARAT AVE N, NORTH BEND, WA 98045

PROJECT SCOPE:

WORK UNDER THIS CONTRACT INCLUDES ADDITIONS TO THE OLDER ALTERNATIVE HIGH SCHOOL TO PROVIDE NEW EARLY CHILDHOOD CENTER AND DAYCARE

PLANNED OCCUPANCY:

FALL / 2025

EXISTING BUILDINGS AND ADDITIONS ON SITE:

MAIN SCHOOL BUILDING	14,953 S.F. SPRINKLERED 10,871 S.F. EXISTING + 4,082 S.F. NEW
EAST CLASSROOM WING	(E) 1,513 S.F. + (N) 638 S.F. SPRINKLERED
SOUTH CLASSROOM WING	(E) 2,989 S.F. + (N) 1,078 S.F. SPRINKLERED
WEST CLASSROOM + ADMIN WING	(E) 3,352 S.F. + (N) 2,366 S.F. SPRINKLERED
NORTH ADMIN + DAYCARE WING	(E) 3,017 S.F. SPRINKLERED
COVERED PLAY	1,440 S.F.

AREA OF NEW WORK:

24,000 SF +/- (INCLUDES SITE AND BUILDING WORK)

SITE CODE DATA:

SITE JURISDICTION:	NORTH BEND
LAND USE CODE:	NORTH BEND MUNICIPAL CODE
TAX PARCEL NO:	857090-0300
LOT AREA:	5.42 ACRES +/- (236,159 S.F.)
ZONING:	POSPF (PARKS, OPEN SPACE, AND PUBLIC FACILITIES)
BUILDING CODE:	2018 INTERNATIONAL BUILDING CODE (W/ WA AMENDMENTS)

PARCEL NUMBER

PARCEL NUMBER:

857090-0300

LEGAL DESCRIPTION:

TAYLORS SNOQUALMIE PRAIRIE AC TRS EX SWLY 25 FT THOF & LESS NELY TRIANGLR STRIP NE OF SWLY R/W BDRY LN OF TH C M STP & PAC RR CO SD BDRY LN BEING 90 FT SWLY FR & PLL WITH C/L OF MAIN TRACK OF SD RR

APPLICABLE CODES FOR NEW WORK

2018 WASHINGTON STATE BUILDING CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL FIRE CODE
2018 WASHINGTON STATE EXISTING BUILDING CODE
2018 UNIFORM PLUMBING CODE

AMENDED INTERNATIONAL BUILDING CODE WAC 51-50
AMENDED INTERNATIONAL MECHANICAL CODE WAC 51-52
AMENDED INTERNATIONAL FIRE CODE WAC 51-54
AMENDED UNIFORM PLUMBING CODE WAC 51-57
AMENDED WASHINGTON STATE ENERGY CODE, WAC 51-11
AMENDED WASHINGTON STATE VENTILATION AND INDOOR AIR QUALITY CODE, WAC 51-13

SHEET INDEX

COVER SHEET (SCR ARCHITECTS)
A0.01 COVER SHEET

SURVEY (APS SURVEY AND MAPPING)
1 OF 1 BOUNDARY AND TOPOGRAPHIC SURVEY

CIVIL (JACOBSON CONSULTING ENGINEERS)
C000 COVER SHEET
C100 OVERALL DEMOLITION PLAN
C101 DEMOLITION PLAN
C102 DEMOLITION PLAN
C200 OVERALL TESC PLAN
C201 TESC PLAN
C202 TESC PLAN
C210 TESC DETAILS
C211 TESC DETAILS
C300 OVERALL GRADING & PAVING PLAN
C301 GRADING & PAVING PLAN
C302 GRADING & PAVING PLAN
C310 PAVING DETAILS
C311 GRADING DETAILS
C400 OVERALL STORM DRAINAGE PLAN
C401 STORM DRAINAGE PLAN
C402 STORM DRAINAGE PLAN
C410 STORM DRAINAGE DETAILS
C411 STORM DRAINAGE DETAILS
C412 STORM DRAINAGE DETAILS
C413 STORM DRAINAGE DETAILS
C414 STORM DRAINAGE DETAILS
C500 OVERALL FIRE PLAN

ARCHITECTURAL (SCR ARCHITECTS)
A0.05 CASEWORK SCHEDULE, WINDOW & RELITE SCHEDULE
A0.06 SIGNAGE SCHEDULE
A0.07 COMPOSITE ELEVATION AND ACCESSIBLE LAYOUTS
A0.08 COMPOSITE ELEVATION AND ACCESSIBLE LAYOUTS
A0.11 ASSEMBLY TYPES
A1.01 SITE PLAN
A1.02 SITE PLAN - DEMOLITION
A1.03 SITE PLAN - NEW WORK
A1.04 SITE DETAILS
A1.06 LANDSCAPE PLAN - NEW WORK
A1.10 KEY PLAN - AREAS OF WORK
A1.11 EXITING PLAN
A1.12 CODE REVIEW + AREA ANALYSIS
A1.20 DEMO FLOOR PLAN AND NOTES
A1.21 DEMO REFLECTED CEILING PLAN AND NOTES
A2.04 ATTIC PLAN
A2.05 ATTIC FLOOR FRAMING PLANS
A2.06 ROOF PLAN
A2.10 ENLARGED FLOOR PLAN
A2.11 ENLARGED FLOOR PLAN
A2.12 ENLARGED FLOOR PLAN
A2.13 ENLARGED FLOOR PLAN
A2.14 ENLARGED FLOOR PLAN
A3.01 BUILDING ELEVATIONS
A3.02 BUILDING ELEVATIONS + WINDOW TYPE
A3.04 COURT YARD ELEVATIONS
A3.10 BUILDING SECTIONS
A3.11 BUILDING SECTIONS
A3.12 BUILDING SECTIONS
A3.20 WALL SECTIONS
A3.21 WALL SECTIONS
A5.01 INTERIOR ELEVATIONS
A5.02 INTERIOR ELEVATIONS
A5.03 INTERIOR ELEVATIONS
A5.04 INTERIOR ELEVATIONS
A6.01 REFLECTED CEILING PLAN
A8.00 DETAILS
A8.01 DETAILS
A8.02 DETAILS
A8.03 DETAILS
A8.04 DETAILS
A8.05 DETAILS
A8.06 DETAILS
A9.01 CASEWORK SECTIONS

STRUCTURAL (ATLAS DESIGN GROUP)
S0.00 COVER SHEET
S1.00 GENERAL STRUCTURAL NOTES
S1.01 GENERAL STRUCTURAL NOTES
S1.02 GENERAL STRUCTURAL NOTES
S1.03 PLAN NOTES AND LEGENDS
S2.00 FOUNDATION PLAN
S2.01 ROOF FRAMING PLAN
S3.00 TYPICAL CONCRETE DETAILS
S3.01 CONCRETE DETAILS
S6.00 TYPICAL WOOD DETAILS
S6.06 WOOD SHEAR WALL DETAILS
S6.07 STRAP AND HOLDOWN DETAILS
S6.08 WOOD ROOF DETAILS
S6.09 WOOD ROOF DETAILS

MECHANICAL (BOGARD \ PASCUA ENGINEERS)
M0.01 MECHANICAL LEGEND, NOTES, ABBREVIATIONS AND SCHEDULES.
MD1.01 MECHANICAL DEMOLITION FLOOR PLAN
M1.00 MECHANICAL FOUNDATION PLAN
M1.01 MECHANICAL FLOOR PLAN
M2.01 ENLARGED MECHANICAL PLANS
M3.01 MECHANICAL DETAILS AND DIAGRAMS
M4.01 FIRE SPRINKLER PLAN - MAIN BUILDING

ELECTRICAL (T.F.W.B. ENGINEERS)
E1.00 LEGEND
E1.01 SITE PLAN - ELECTRICAL
E2.00 FLOOR PLAN AREA OF WORK - LIGHTING
E3.00 FLOOR PLAN AREA OF WORK - ELECTRICAL
ED2.00 DEMO PLAN - LIGHTING
ED3.00 DEMO PLAN - ELECTRICAL

DEFERRED SUBMITTALS

THE FOLLOWING ARE BIDDER-DESIGN.
SUBMITTALS WILL BE DEFERRED

- FIRE SPRINKLER PLANS AND PERMIT APPLICATION AS REQUIRED BY JURISDICTION
- FIRE ALARM PLANS AND PERMIT APPLICATION AS REQUIRED BY JURISDICTION
- EMERGENCY RESPONDER RADIO SYSTEM PERMIT - IF REQUIRED BY FIRE DEPARTMENT

SCR | Architects
1221 E. Pike St. Suite 205
Seattle, WA 98122

8879 REGISTERED ARCHITECT
Scott Alan Connor
STATE OF WASHINGTON

DRAWN BY: amv + IS
CHECKED BY: S.C.
APPROVED BY: S.C.

PROJECT NAME: EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL
PROJECT ADDRESS: SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO. 1919
ISSUE DATE 10-31-2024
CURRENT REVISION BID SET
DRAWING PLOT DATE

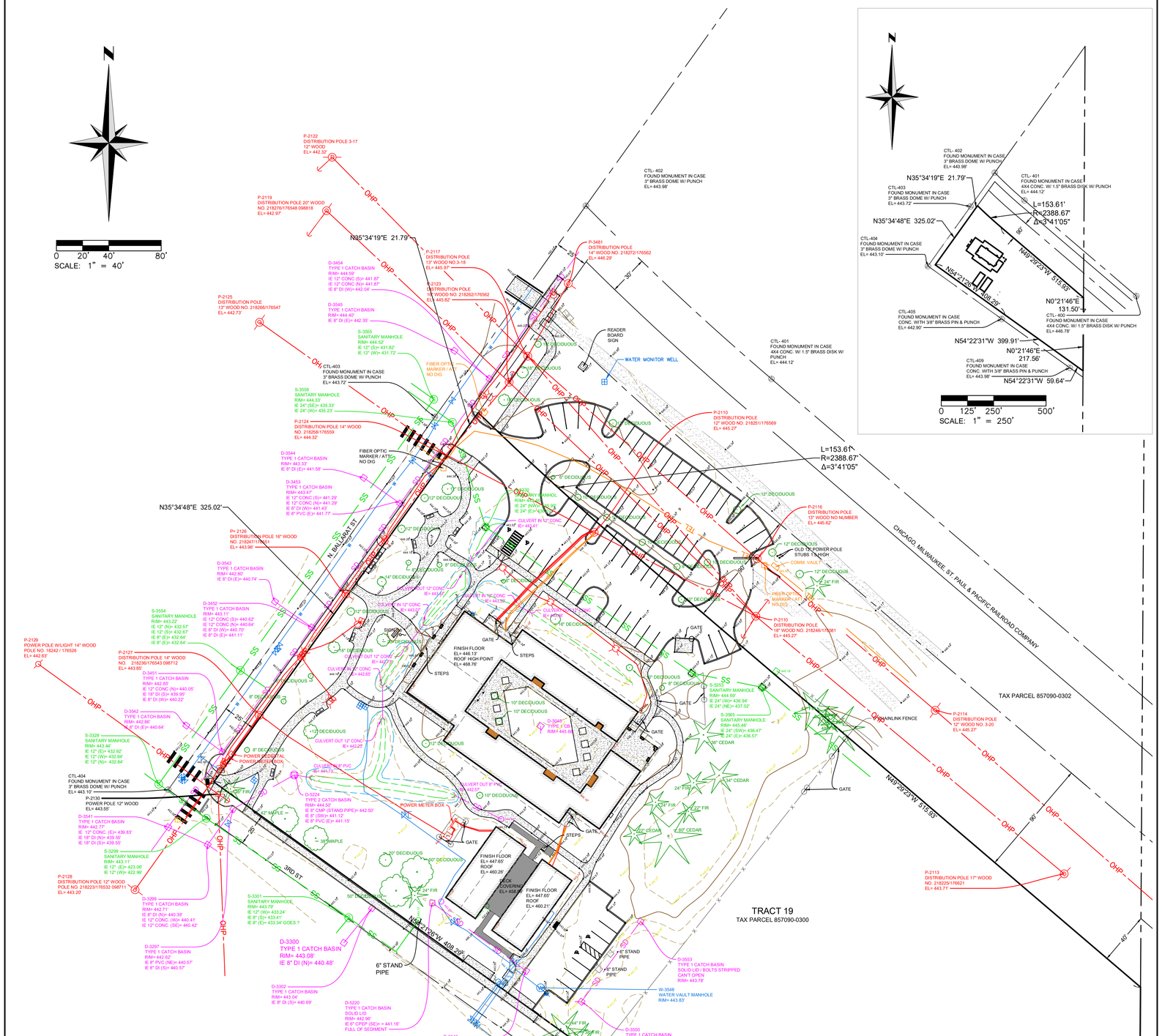
REVISION	DATE
BID SET	10/31/24

COVER SHEET
SCALE AS NOTED

A0.01

BOUNDARY AND TOPOGRAPHIC SURVEY

WITHIN THE E1/2 OF THE NE1/4 OF SECTION 09, TOWNSHIP 23 NORTH, RANGE 08 EAST, W.M., KING COUNTY, WASHINGTON



LEGAL DESCRIPTION:

ALL OF TRACT 19, W.H. TAYLOR'S PLAT OF SNOQUALMIE PRAIRIE ACRE TRACTS.

TOGETHER WITH:
ALL THAT PORTION OF SAID RAILROAD COMPANY'S STATION GROUND PROPERTY AT NORTH BEND, WASHINGTON LOCATED ON SAID BRANCH LINE RIGHT OF WAY, 50.0 FEET WIDE ON THE NORTHEASTERLY SIDE AND VARIABLE IN WIDTH ON THE SOUTHWESTERLY SIDE MAIN TRACT CENTERLINE UPON, OVER AND ACROSS THE E1/2 NE1/4 OF SAID SECTION 9, T23N, R8E LYING EASTERLY OF A LINE DRAWN PARALLEL WITH , DISTANT 90.0 FEET WESTERLY, MEASURED AT RIGHT ANGLES TO SAID MAIN TRACK CENTERLINE AND EASTERLY OF THE SOUTHEASTERLY EXTENSION OF THE CENTERLINE OF FORTH STREET IN NORTH BEND, WASHINGTON BOUNDED ON THE NORTHWEST BY THE SOUTHEASTERLY LINE OF BALLARAT ROAD AND BOUNDED ON THEE SOUTHEAST BY THE EAST LINE OF SAID NE1/4.

SITUATE IN THE CITY OF NORTH BEND, COUNTY OF KING, STATE OF WASHINGTON.

REFERENCES:

R1. W.H. TAYLOR'S PLAT OF SNOQUALMIE PRAIRIE ACRE TRACTS
VOLUME 6 OF PLATS, PAGE 32
DATED: JULY 3, 1890

R2. QUITCLAIM DEED
BURLINGTON NORTHERN RAILROAD COMPANY
AFN: 9212160954

BASIS OF BEARINGS:

THE HORIZONTAL CONTROL IS BASED ON THE MONUMENTATION SURROUNDING THE SITE AND ESTABLISHED IN NAD83/2011 WASHINGTON STATE PLANE COORDINATES, NORTH ZONE, EXPRESSED IN U.S. SURVEY FEET-GROUND DISTANCES.

VERTICAL DATUM:

THE ELEVATIONS SHOWN HEREON ARE EXPRESSED IN NAVD 88, U.S. SURVEY FEET, BASED ON OBSERVATIONS UTILIZING THE WASHINGTON STATE REFERENCE NETWORK.

PROJECT BENCHMARK:

TOP OF MONUMENT IN CASE INTERSECTION OF BALLARAT ROAD AND 3RD STREET. A 3" BRASS DOME WITH PUNCH.
ELEVATION = 443.10'

CONTOUR INTERVAL - 1 FOOT:

THE CONTOURS SHOWN HEREON WERE COMPUTER GENERATED FROM DIRECT FIELD OBSERVATIONS WITH RESULTING ACCURACY THAT MEETS OR EXCEEDS NATIONAL MAPPING STANDARDS, ONE-HALF THE CONTOUR INTERVAL.

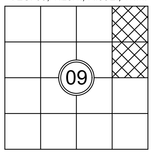
GENERAL NOTES:

1. THE PURPOSE OF THIS SURVEY IS TO SHOW THE EXTERIOR BOUNDARY LINES, EXISTING SITE IMPROVEMENTS, NATURAL FEATURES AND EXISTING TERRAIN FOR THAT PORTION OF KING COUNTY TAX PARCEL 857090-0300, AS SHOWN HEREON.
2. THIS SURVEY WAS PERFORMED USING A TRIMBLE R12I GNSS RECEIVER IN CONJUNCTION WITH A TRIMBLE S SERIES, 3" TOTAL STATION WITH RESULTING ACCURACY THAT MEETS OR EXCEEDS STANDARDS PER WAC 332-130-090.
3. THE INFORMATION ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY MADE IN MARCH OF 2023 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
4. ALL MONUMENTS SHOWN AS FOUND WERE LOCATED DURING THE COURSE OF THIS SURVEY.
5. FOR SECTION SUBDIVISION, CORNER DOCUMENTATION, AND ADDITIONAL SURVEY INFORMATION, SEE VOLUME 6 OF PLATS, PAGE 32, AND THE SURVEYS REFERENCED THEREON, RECORDS OF KING COUNTY, WASHINGTON.
6. UTILITIES SHOWN HEREON ARE BASED UPON ABOVE GROUND OBSERVATIONS AND UNDERGROUND UTILITY PAINT MARKS AS PROVIDED BY OTHERS. ACTUAL LOCATIONS OF UNDERGROUND UTILITIES MAY VARY AND UTILITIES NOT SHOWN ON THIS SURVEY MAY EXIST ON THE SITE.

LEGEND:

FOUND MONUMENT (AS NOTED)	SECTION LINE	BUILDING LINE
WATER VALVE	BOUNDARY LINE	BUILDING OVERHANG
WATER VALVE INDICATOR	CENTER-RIGHT-OF-WAY	METAL DECK
FIRE HYDRANT	RIGHT-OF-WAY	WOOD DECK
FIRE DEPT. CONNECT	MAJOR CONTOUR	RETAINING WALL
WATER METER	MINOR CONTOUR	CONCRETE
WATER VAULT	TOP BREAK LINE	GRAVEL
WATER VAULT	TOE BREAK LINE	ROAD CURB BACK & FLOWLINE
LIGHT POLE	OVERHEAD POWER	ROAD CURB EXTRUDED
POWER JUNCTION BOX	UNDERGROUND POWER	ROAD PAVEMENT EDGE
SANITARY CLEANOUT	UNDERGROUND COMMUNICATION	
STORM DRAIN CLEANOUT	WATER LINE	SPOT ELEVATION
SIGN	STORM	
BENCH	SANITARY SEWER	

INDEX LOCATION
SEC. 09, T.23N., R.08E., W.M.



SHEET	SURVEYED BY: BN/AS	CHECKED BY: SW
1 OF 1	DRAWN BY: SM	APPROVED BY: SW

DATE	BY	REVISION	CK'D	APPR.

BOUNDARY AND TOPOGRAPHIC SURVEY

KING COUNTY PARCEL NUMBER: 857090-0300
330 BALLARAT AVENUE NORTH, NORTH BEND, WASHINGTON
FOR
CITY OF NORTH BEND — SNOQUALMIE VALLEY SCHOOL DISTRICT — WASHINGTON

SCALE: VARIES	DATE: 4/10/23	APSSM PROJECT NO.: 3355.004	ACAD NAME: 3355004T.dwg

SAMUEL B. WARD — STATE OF WASHINGTON — LS 52843 — REGISTERED PROFESSIONAL LAND SURVEYOR — 4/10/2023

APS SURVEY & MAPPING
Exceptional Service Has No Boundaries
13221 S.E. 26TH STREET, SUITE A, BELLEVUE, WA 98005
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ORIGINAL DOCUMENT SIZE 24" X 36"

NE1/4 OF SECTION 09, TOWNSHIP 23 NORTH, RANGE 08 EAST, W.M.

TWO RIVERS SCHOOL

EARLY CHILDHOOD CENTER

BID SET

GENERAL NOTES

1. ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH PERMIT CONDITIONS, THE NORTH BEND MUNICIPAL CODE (NBCC), THE NORTH BEND PUBLIC WORKS STANDARDS, WASHINGTON STATE DOT (WSDOT) STANDARD SPECIFICATIONS AND THE CONDITIONS OF PRELIMINARY APPROVAL. IT SHALL BE THE SOLE RESPONSIBILITY OF THE APPLICANT AND THE PROFESSIONAL CIVIL ENGINEER TO CORRECT ANY ERROR, OMISSION, OR VARIATION FROM THE ABOVE REQUIREMENTS FOUND IN THESE PLANS. ALL CORRECTIONS SHALL BE AT NO ADDITIONAL COST OR LIABILITY TO THE CITY OF NORTH BEND.
2. THE DESIGN ELEMENTS WITHIN THESE PLANS HAVE BEEN REVIEWED ACCORDING TO THE CITY OF NORTH BEND. SOME ELEMENTS MAY HAVE BEEN OVERLOOKED OR MISSED BY THE PLAN REVIEWER. ANY VARIANCE FROM ADOPTED STANDARDS IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY THE CITY OF NORTH BEND PRIOR TO CONSTRUCTION.
3. APPROVAL OF THIS ROAD, GRADING, PARKING AND DRAINAGE PLAN DOES NOT CONSTITUTE AN APPROVAL OF ANY OTHER CONSTRUCTION (E.G. DOMESTIC WATER CONVEYANCE, SEWER CONVEYANCE, GAS, ELECTRICAL, ETC.)
4. BEFORE ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY, A PRECONSTRUCTION MEETING MUST BE HELD BETWEEN THE CITY OF NORTH BEND INSPECTOR, THE APPLICANT, AND THE APPLICANT'S CONSTRUCTION REPRESENTATIVE.
5. A COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
6. GRADING ACTIVITIES (SITE ALTERATION) ARE LIMITED TO THE HOURS OF 7 A.M. TO 7 P.M. MONDAY THROUGH SATURDAY AND 10 A.M. TO 5 P.M. ON SUNDAY, UNLESS OTHERWISE APPROVED WITH A WRITTEN DECISION BY THE REVIEWING AGENCY.
7. IT SHALL BE THE APPLICANT'S/CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL CONSTRUCTION EASEMENTS NECESSARY BEFORE INITIATING OFF-SITE WORK. EASEMENTS REQUIRE REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
8. FRANCHISED UTILITIES OR OTHER INSTALLATIONS THAT ARE NOT SHOWN ON THESE APPROVED PLANS SHALL NOT BE CONSTRUCTED UNLESS AN APPROVED SET OF PLANS THAT MEET ALL REQUIREMENTS OF KCRDCS CHAPTER 8 ARE SUBMITTED TO THE DPER'S DEVELOPMENT INSPECTOR THREE DAYS PRIOR TO CONSTRUCTION.
9. DATUM SHALL BE NAVD88 UNLESS OTHERWISE APPROVED BY DPER.
10. ALL UTILITY TRENCHES AND ROADWAY SUBGRADE SHALL BE BACKFILLED AND COMPACTED TO 95 PERCENT MAXIMUM DENSITY PER WSDOT STANDARD SPECIFICATIONS 2-03.3(14)D, METHOD C.
11. OPEN CUTTING OF EXISTING ROADWAYS FOR NON-FRANCHISED UTILITY OR STORM WORK IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY CITY OF NORTH BEND AND NOTED ON THESE APPROVED PLANS. ANY OPEN CUT SHALL BE RESTORED IN ACCORDANCE WITH NORTH BEND PUBLIC WORKS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR.

PROJECT NOTES

1. THE CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS AND EXERCISE SOUND ENGINEERING AND CONSTRUCTION PRACTICES IN CONDUCTING THE WORK. THE CONTRACTOR SHALL PROTECT EXISTING PUBLIC AND PRIVATE UTILITIES FROM DAMAGE DURING CONSTRUCTION. IF EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY PURVEYOR, OWNER AND THE ENGINEER. THE CONTRACTOR SHALL RESTORE THE UTILITY TO ITS EXISTING CONDITION. (WSDOT SEC. 1-07.17 APWA SUPPLEMENT). THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND THE METHODS OF CONSTRUCTION FOR WORK SHOWN ON THESE PLANS.
2. ALL EXCAVATION, TRENCHING, SUBGRADE PREPARATION, FILL PLACEMENT, AND ALL SOIL WORK IN GENERAL SHALL BE CONDUCTED IN COMPLIANCE WITH THE CITY OF RENTON STANDARDS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING A PROFESSIONAL LAND SURVEYOR TO REFERENCE EXISTING MONUMENTS ON OR ADJOINING ESTABLISHED SAID POINTS AT PROJECT COMPLETION. THIS REESTABLISHMENT SHALL BE DOCUMENTED BY RECORD OF SURVEY PREVIOUS TO DEMOLITION OR CONSTRUCTION AND TO RECORNER RECORD AS DESCRIBED IN W.A.C. 332-120.
4. CONTRACTOR SHALL MAINTAIN A 5 FOOT MINIMUM HORIZONTAL CLEARANCE FROM THE WATER MAIN AND OTHER UTILITIES (i.e. GAS, CABLE, POWER, ETC.). IF SAID CLEARANCE CANNOT BE MAINTAINED, CONTACT ENGINEER FOR APPROVAL AND RECORD EXACT MEASUREMENTS OF THE UTILITY LINES ON THE AS-BUILT DRAWINGS. A 10 FOOT MINIMUM HORIZONTAL CLEARANCE MUST BE MAINTAINED BETWEEN WATER MAIN AND SANITARY SEWER.
5. SCHEDULE WITH CITY AND OWNER (96 HOURS MINIMUM NOTICE FOR WATER MAIN SHUT DOWN ON THE SCHOOL SITE). INSTALL CITY STANDARD TESTING CONNECTION ON NEW WATER MAIN FOLLOWING COMPLETION OF NEW WATER SYSTEM CONSTRUCTION, TESTING, AND ACCEPTANCE BY THE CITY, REMOVE TESTING CONNECTION AND INSTALL SEGMENT OF DI PIPE, LENGTH TO SUIT, WITH TWO LONG PATTERN SLEEVES. INSTALLATION AND CONNECTION TO EXISTING WATER SYSTEM SHALL BE WITH 100% CITY INSPECTION.
6. UNDERGROUND UTILITIES ARE SHOWN IN THE APPROXIMATE LOCATION. THERE IS NOT A GUARANTEE THAT ALL UTILITY LINES ARE SHOWN OR THAT THE LOCATION, SIZE, AND MATERIAL IS ACCURATE. THE CONTRACTOR SHALL UNCOVER ALL INDICATED PIPING WHERE CROSSINGS, INTERFERENCE'S OR CONNECTIONS OCCUR PRIOR TO TRENCHING OR EXCAVATION FOR ANY PIPE OR STRUCTURES, TO DETERMINE ACTUAL LOCATIONS, SIZE AND MATERIAL. THE CONTRACTOR SHALL MAKE THE APPROPRIATE PROVISION FOR PROTECTION OF SAID FACILITIES. THE CONTRACTOR SHALL NOTIFY ONE CALL AT 811 AND ARRANGE FOR PUBLIC AND PRIVATE FIELD LOCATION OF EXISTING FACILITIES BEFORE CONSTRUCTION.
7. SCHEDULE WITH CITY (48 HOURS MINIMUM NOTICE) FOR WATER METER SHUTOFF AND TO RETIRE METERS.

CONSTRUCTION SEQUENCE

1. BEFORE ANY CONSTRUCTION ACTIVITY ARRANGE AND ATTEND PRE-CONSTRUCTION CONFERENCES WITH CITY OF NORTH BEND AND JACOBSON CONSULTING ENGINEERS.
2. COMPLY WITH CONSTRUCTION PHASING REQUIREMENTS IDENTIFIED IN DRAWINGS AND SPECIFICATIONS.
3. PROVIDE TEMPORARY AND INTERIM MEASURES REQUIRED FOR EXECUTION OF THE WORK.
4. VERIFY VERTICAL AND HORIZONTAL LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES. CONTACT ALL UTILITY COMPANIES OR PROVIDERS THAT MAY BE AFFECTED BY THE PROPOSED CONSTRUCTION. CALL 811 AND UTILIZE PRIVATE LOCATING COMPANY ALONG THE ENTIRE WORK AREA.
5. PROVIDE CATCH BASIN PROTECTION AND OTHER APPROPRIATE TESC MEASURES, INCLUDING STRAW WATTLES, ETC. COORDINATE WITH CITY INSPECTOR.
6. BACKFILL AND COMPACT TRENCH. PATCH AND RESTORE SITE PER PLANS
7. INSTALL ALL NEW PAVING, LANDSCAPING AND SITE STABILIZATION.
8. CONTACT DESIGN ENGINEER AND CITY INSPECTOR SO THEY CAN PUNCH LIST THE SITE. ADDRESS PUNCH LIST ITEMS AS REQUIRED.

EROSION AND SEDIMENTATION CONTROL NOTES

1. APPROVAL OF THIS EROSION AND SEDIMENTATION CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G. SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.)
2. THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/ESC SUPERVISOR UNTIL ALL CONSTRUCTION IS APPROVED.
3. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED BY SURVEY TAPE OR FENCING, IF REQUIRED, PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE CLEARING LIMITS SHALL BE PERMITTED. THE CLEARING LIMITS SHALL BE MAINTAINED BY THE APPLICANT/ESC SUPERVISOR FOR THE DURATION OF CONSTRUCTION.
4. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES, SUCH AS CONSTRUCTED WHEEL WASH SYSTEMS OR WASH PADS, MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN AND TRACK OUT TO ROAD RIGHT OF WAY DOES NOT OCCUR FOR THE DURATION OF THE PROJECT.
5. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED PRIOR TO OR IN CONJUNCTION WITH ALL CLEARING AND GRADING SO AS TO ENSURE THAT THE TRANSPORT OF SEDIMENT TO SURFACE WATERS, DRAINAGE SYSTEMS, FLOW CONTROL BMP LOCATIONS (EXISTING AND PROPOSED), AND ADJACENT PROPERTIES IS MINIMIZED.
6. THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS (E.G. ADDITIONAL COVER MEASURES, ADDITIONAL SUMP PUMPS, RELOCATION OF DITCHES AND SILT FENCES, PERIMETER PROTECTION ETC.).
7. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/ESC SUPERVISOR AND MAINTAINED TO ENSURE CONTINUED PROPER FUNCTIONING. WRITTEN RECORDS SHALL BE KEPT OF WEEKLY REVIEWS OF THE ESC FACILITIES.
8. ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TWO DAYS DURING THE WET SEASON OR SEVEN DAYS DURING THE DRY SEASON SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED ESC COVER METHODS (E.G., SEEDING, MULCHING, PLASTIC COVERING, ETC.).
9. ANY AREA NEEDING ESC MEASURES, NOT REQUIRING IMMEDIATE ATTENTION, SHALL BE ADDRESSED WITHIN SEVEN (7) DAYS.
10. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH (MORE FREQUENTLY AS REQUIRED BY THE DPER SITE INSPECTOR) OR WITHIN 24 HOURS FOLLOWING A STORM EVENT.
11. AT NO TIME SHALL MORE THAN ONE (1) FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
12. ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY. IF THE PERMANENT FACILITY IS TO FUNCTION ULTIMATELY AS AN INFILTRATION SYSTEM, THE TEMPORARY FACILITY MUST BE ROUGH GRADED SO THAT THE BOTTOM AND SIDES ARE AT LEAST THREE FEET ABOVE THE FINAL GRADE OF THE PERMANENT FACILITY. FLOW CONTROL BMP FACILITY AREAS (EXISTING OR PROPOSED) SHALL NOT BE USED AS TEMPORARY FACILITIES AND SHALL BE PROTECTED FROM SEDIMENTATION AND INTRUSION.
13. COVER MEASURES WILL BE APPLIED IN CONFORMANCE WITH APPENDIX D OF THE KING COUNTY SURFACE WATER DESIGN MANUAL.
14. PRIOR TO THE BEGINNING OF THE WET SEASON (OCT. 1), ALL DISTURBED AREAS SHALL BE REVIEWED TO IDENTIFY WHICH ONES CAN BE SEEDED IN PREPARATION FOR THE WINTER RAINS. DISTURBED AREAS SHALL BE SEEDED WITHIN ONE WEEK OF THE BEGINNING OF THE WET SEASON. A SKETCH MAP OF THOSE AREAS TO BE SEEDED AND THOSE AREAS TO REMAIN UNCOVERED SHALL BE SUBMITTED TO THE CITY INSPECTOR FOR REVIEW.

LEGAL DESCRIPTION

ALL OF TRACT 19, W.H. TAYLOR'S PLAT OF SNOQUALMIE PRAIRIE ACRE TRACTS.

TOGETHER WITH;
ALL THAT PORTION OF SAID RAILROAD COMPANY'S STATION GROUND PROPERTY AT NORTH BEND, WASHINGTON LOCATED ON SAID BRANCH LINE RIGHT OF WAY, 50.0 FEET WIDE ON THE NORTHEASTERLY SIDE AND VARIABLE IN WIDTH ON THE SOUTHWESTERLY SIDE MAIN TRACT CENTERLINE UPON, OVER AND ACROSS THE E1/2 NE1/4 OF SAID SECTION 9, T23N, R8E LYING EASTERLY OF A LINE DRAWN PARALLEL WITH , DISTANT 90.0 FEET WESTERLY, MEASURED AT RIGHT ANGLES TO SAID MAIN TRACK CENTERLINE AND EASTERLY OF THE SOUTHEASTERLY EXTENSION OF THE CENTERLINE OF FORTH STREET IN NORTH BEND, WASHINGTON BOUNDED ON THE NORTHWEST BY THE SOUTHEASTERLY LINE OF BALLARAT ROAD AND BOUNDED ON THEE SOUTHEAST BY THE EAST LINE OF SAID NE1/4.

SITUATE IN THE CITY OF NORTH BEND, COUNTY OF KING, STATE OF WASHINGTON.

BASIS OF BEARINGS

THE HORIZONTAL CONTROL IS BASED ON THE MONUMENTATION SURROUNDING THE SITE AND ESTABLISHED IN NAD83/2011 WASHINGTON STATE PLANE COORDINATES, NORTH ZONE, EXPRESSED IN U.S. SURVEY FEET-GROUND DISTANCES.

VERTICAL DATUM

THE ELEVATIONS SHOWN HEREON ARE EXPRESSED IN NAVD 88, U.S. SURVEY FEET, BASED ON OBSERVATIONS UTILIZING THE WASHINGTON STATE REFERENCE NETWORK

PROJECT BENCHMARK

TOP OF MONUMENT IN CASE INTERSECTION OF BALLARAT ROAD AND 3RD STREET.
A 3" BRASS DOME WITH PUNCH.
ELEVATION = 443.10'

PROJECT IMPERVIOUS SURFACE SYSTEM DEVELOPMENT CHANGE CALCULATIONS

TOTAL EX IMPERVIOUS (SF) =	71,663
TOTAL PROPOSED IMPERVIOUS (SF) =	83,598
NET CHANGE (SF) =	11,935

STORM PERMIT QUANTITY CALCULATIONS

TOTAL DISTURBED AREA (SF) =	22,972
TOTAL ADDED AND REPLACED IMPERVIOUS AREA (SF) =	17,750

PROPERTY INFORMATION

PARCEL NUMBERS: 8570900300 (SOUTH PARCEL) &
8570900302 (NORTH PARCEL)
ADDRESS: 330 BALLARAT AVENUE NORTH, NORTH BEND, WA 98045
AREA SOUTH PARCEL: 236,159 SF (5.42 AC)
AREA NORTH PARCEL: 80,150 SF (1.84 AC)
SITE ZONING: POSPF, PUBLIC FACILITY
ADJACENT ZONING: DC, DOWNTOWN COMMERCIAL
POSPF, PUBLIC FACILITY LDR, LOW DENSITY RESIDENTIAL 4 UNITS/ACRE (WEST, SOUTH, EAST, AND NORTH)

EARTHWORK QUANTITIES

EXCAVATION	*1,790 CY
FILL	**1,160 CY
TOTAL EARTHWORK	2,950 CY

* 1,460 CY FOR EXCAVATION TO INSTALL DETENTION SYSTEM

**387 CY FOR BACKFILL FOR DETENTION SYSTEM

NOTE:
THE QUANTITIES SHOWN ARE PRELIMINARY ESTIMATES ONLY AND INTENDED FOR MUNICIPAL PERMITTING AND REVIEW FEES. THE CONTRACTOR SHALL IGNORE THESE QUANTITIES, THEY ARE EXCLUDED FROM THE BID DOCUMENT INFORMATION. THESE VOLUMES SHALL NOT BE USED BY THE CONTRACTOR AS A BASIS FOR ANY CONTRACTUAL INFORMATION. THE CONTRACTOR SHALL PREPARE THEIR OWN EARTHWORK QUANTITIES BASED ON THE INFORMATION PROVIDED IN THE CONTRACT DOCUMENTS, INCLUDING BUT NOT LIMITED TO DRAWINGS, SPECIFICATIONS, AND THE GEOTECHNICAL REPORT.

OWNER: SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE
SNOQUALMIE, WA 98065
(425) 831-8011 CONTACT: RYAN STOKES
RYANS@SVSD410.ORG

ARCHITECT SCR ARCHITECTS
1221 E PIKE ST, SUITE 205
SEATTLE, WA 98122
(206) 228-1014 CONTACT: SCOTT CONNOR
SCOTT@SCR-ARCH.COM

ENGINEER: JACOBSON CONSULTING ENGINEERS
255 S. KING STREET, SUITE 800
SEATTLE, WA 98104
(206) 426-2600 CONTACT: SASCHA EASTMAN
SASCHA@JACOBSONENGINEERS.COM

VICINITY MAP



CITY OF NORTH BEND PERMIT#_____

THESE PLANS ARE APPROVED FOR CONFORMANCE WITH THE CITY OF NORTH BEND PUBLIC WORKS DEPARTMENT REQUIREMENTS TO THE BEST OF MY KNOWLEDGE.

CITY ENGINEER OR PUBLIC WORKS DIRECTOR — DATE 10/14/24

Sheet List Table

C000	COVER SHEET
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C101	DEMOLITION PLAN
C102	DEMOLITION PLAN
C200	OVERALL TESC PLAN
C201	TESC PLAN
C202	TESC PLAN
C210	TESC DETAILS
C211	TESC DETAILS
C300	OVERALL GRADING & PAVING PLAN
C301	GRADING & PAVING PLAN
C302	GRADING & PAVING PLAN
C310	PAVING DETAILS
C311	GRADING DETAILS
C400	OVERALL STORM DRAINAGE PLAN
C401	STORM DRAINAGE PLAN
C402	STORM DRAINAGE PLAN
C410	STORM DRAINAGE DETAILS
C411	STORM DRAINAGE DETAILS
C412	STORM DRAINAGE DETAILS
C413	STORM DRAINAGE DETAILS
C414	STORM DRAINAGE DETAILS
C420	DRAINAGE PROFILES
C500	OVERALL FIRE PLAN

SCR | Architects
1221 E. Pike St. Suite 205
Seattle, WA 98122



DRAWN BY: DJD/AJJ
CHECKED BY: SSE
APPROVED BY: SSE

PROJECT NAME: EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL
PROJECT ADDRESS: 8001 SILVA AVE SE/PO BOX 400 SNOQUALMIE, WA 98065
SNOQUALMIE VALLEY SCHOOL DISTRICT

PROJECT NO. 1919
ISSUE DATE 10-31-2024
CURRENT REVISION BID SET
DRAWING PLOT DATE

REVISION	DATE

COVER SHEET

C000

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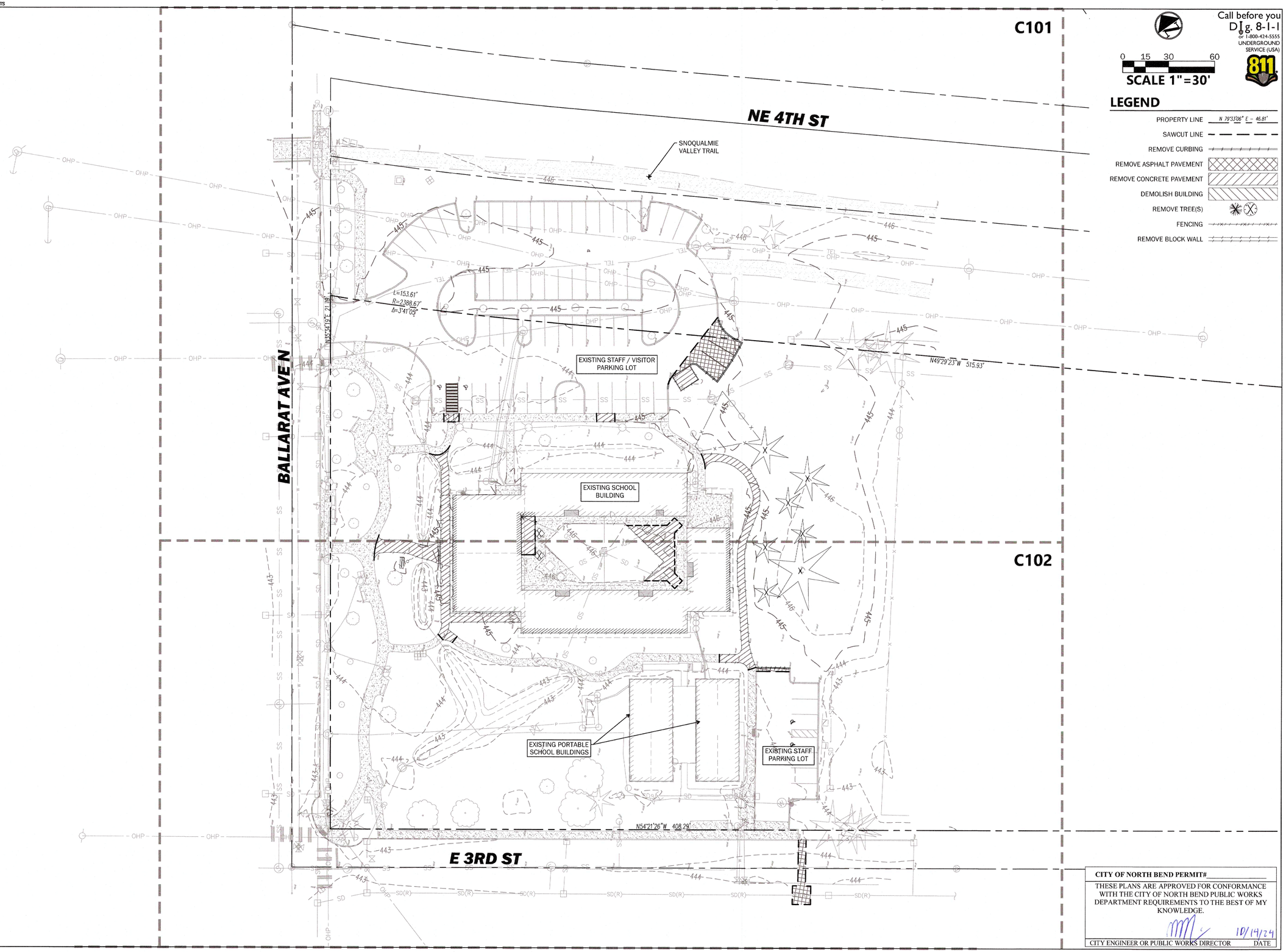
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NE1/4 OF SECTION 09, TOWNSHIP 23 NORTH, RANGE 08 EAST, W.M.

C101

C102



Call before you Dig. 8-1-1 or 1-800-424-5555 UNDERGROUND SERVICE (USA)

811

0 15 30 60

SCALE 1"=30'

LEGEND

- PROPERTY LINE — N 79°33'06" E – 46.81'
- SAWCUT LINE
- REMOVE CURBING
- REMOVE ASPHALT PAVEMENT
- REMOVE CONCRETE PAVEMENT
- DEMOLISH BUILDING
- REMOVE TREE(S)
- FENCING
- REMOVE BLOCK WALL

CITY OF NORTH BEND PERMIT#_____

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10/19/24

CITY ENGINEER OR PUBLIC WORKS DIRECTOR — DATE

SCR | Architects
1221 E. Pike St. Suite 205
Seattle, WA 98122

GERALD A. JACOBSON — STATE OF WASHINGTON — 43667 — REGISTERED PROFESSIONAL ENGINEER — 10/24/2024

DRAWN BY: DJD/AJJ
CHECKED BY: SSE
APPROVED BY: SSE

PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
1919

ISSUE DATE
10-31-2024

CURRENT REVISION
BID SET

DRAWING PLOT DATE

REVISION	DATE

OVERALL DEMOLITION PLAN

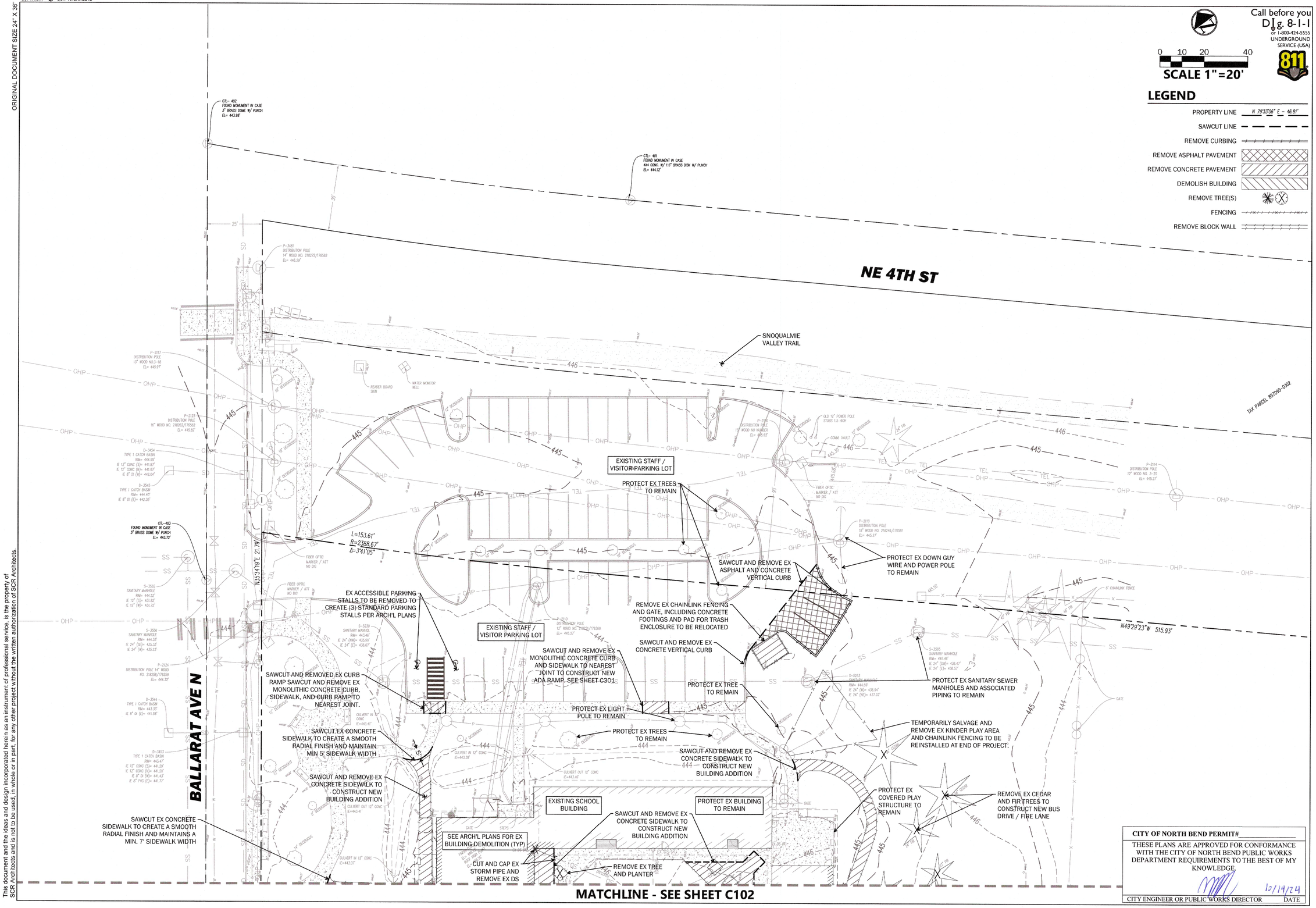
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MATCHLINE - SEE SHEET C102

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0 10 20 40

SCALE 1"=20'

LEGEND

- PROPERTY LINE — N 79°33'06" E – 46.81'
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SCR | Architects
1221 E. Pike St. Suite 205
Seattle, WA 98122

GERALD A. JACOBSEN — STATE OF WASHINGTON — 43667 — REGISTERED PROFESSIONAL ENGINEER — 10/08/2024

DRAWN BY: DJD/AJJ
CHECKED BY: SSE
APPROVED BY: SSE

PROJECT NAME: EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS: SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
1919
ISSUE DATE
10-31-2024
CURRENT REVISION
BID SET
DRAWING PLOT DATE

REVISION	DATE

CITY OF NORTH BEND PERMIT#_____

THESE PLANS ARE APPROVED FOR CONFORMANCE WITH THE CITY OF NORTH BEND PUBLIC WORKS DEPARTMENT REQUIREMENTS TO THE BEST OF MY KNOWLEDGE.

CITY ENGINEER OR PUBLIC WORKS DIRECTOR — DATE 12/19/24

DEMOLITION PLAN

C101

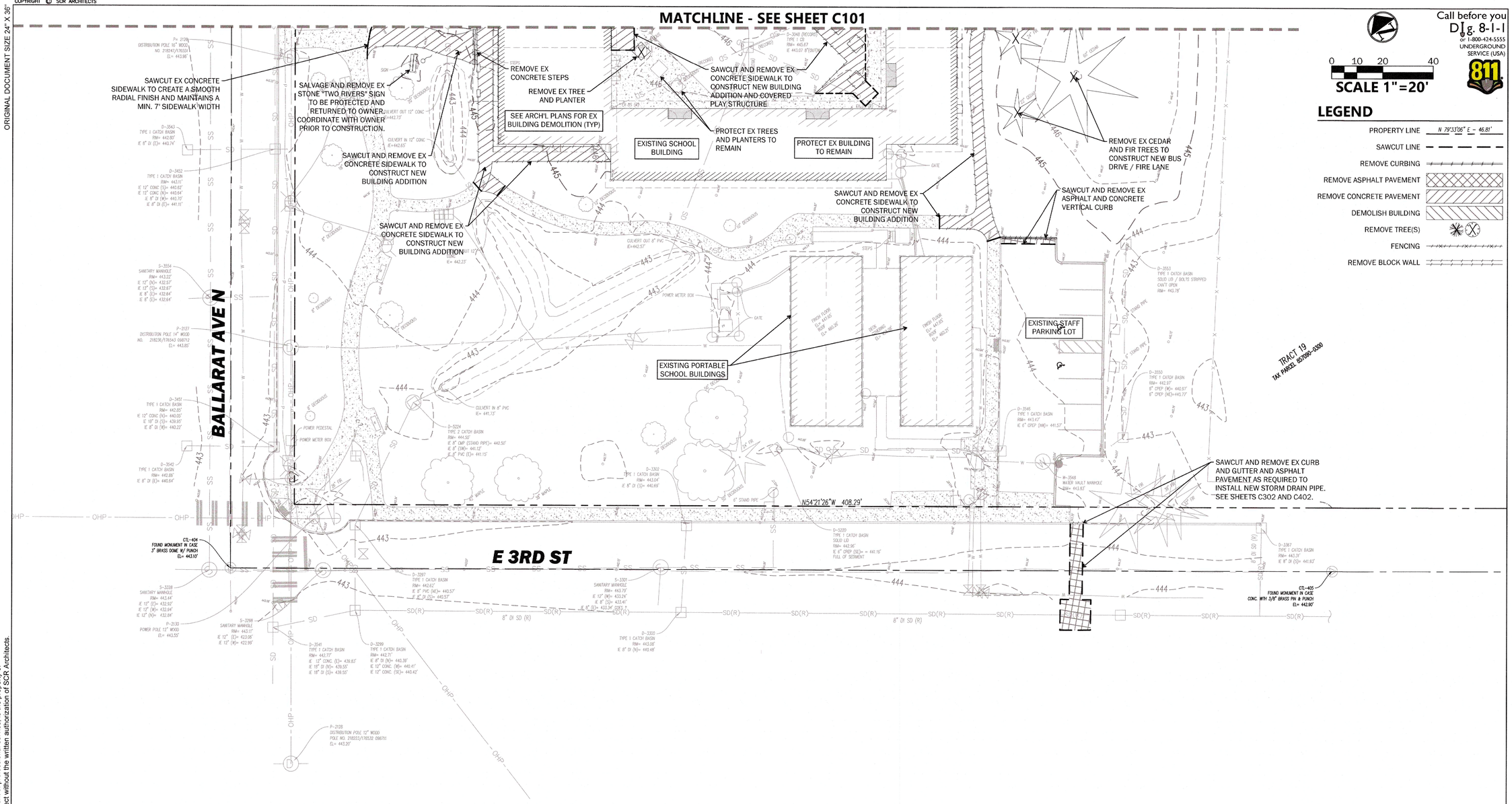
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- REMOVE TREE(S)
- FENCING
- REMOVE BLOCK WALL

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JERALD A. JACOBSON — STATE OF WASHINGTON — 43667 — REGISTERED PROFESSIONAL ENGINEER — 10/08/2024

DRAWN BY: DJD/AJJ
CHECKED BY: SSE
APPROVED BY: SSE

PROJECT NAME: EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS: SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO. 1919
ISSUE DATE 10-31-2024
CURRENT REVISION BID SET
DRAWING PLOT DATE

REVISION	DATE

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DEMOLITION PLAN

C102

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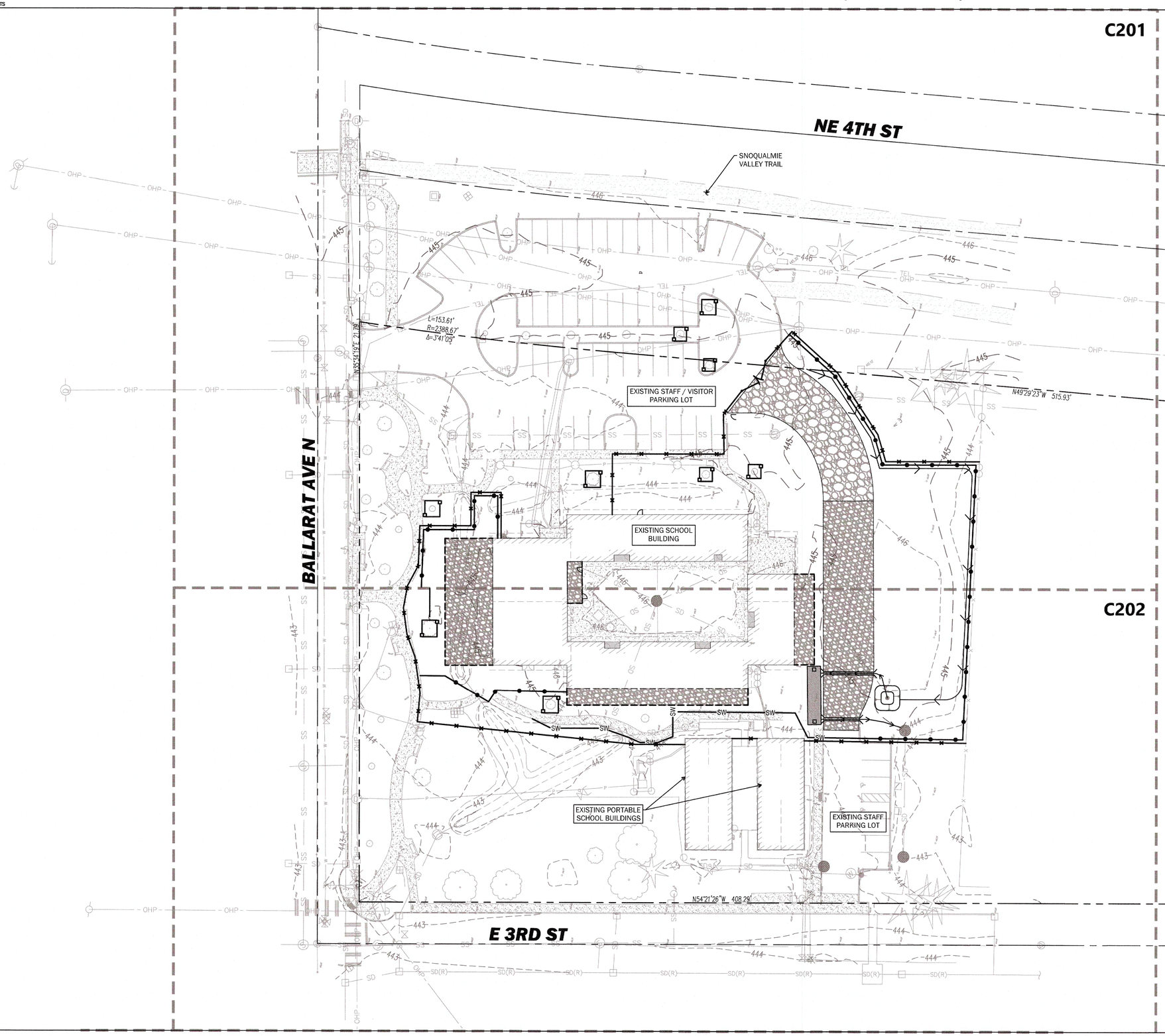
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C201

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811

0 15 30 60

SCALE 1"=30'

LEGEND

- PROPERTY LINE — N 79°33'06" E – 46.81'
- (IS) INTERCEPTOR SWALE
- (CF) TEMP CONSTRUCTION FENCING
- (CG) TEMP CONSTRUCTION GATE
- (CE) TEMP CONSTRUCTION ENTRANCE
- (FF) FILTER FABRIC FENCING
- INLET PROTECTION (IP)
- (VEG) TREE PROTECTION

SEE SHEET C000 FOR EROSION AND SEDIMENTATION CONTROL NOTES

DUST CONTROL: PROVIDE SPRINKLERED/SPRAYED WATER TO PREVENT THE WIND TRANSPORT OF DUST FROM EXPOSED SOIL SURFACES. WHEN USING WATER FOR DUST CONTROL, THE EXPOSED SOILS SHALL BE SPRAYED UNTIL WET, BUT RUNOFF SHALL NOT BE GENERATED BY SPRAYING.

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CITY ENGINEER OR PUBLIC WORKS DIRECTOR — DATE 12/19/24

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PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
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ISSUE DATE
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OVERALL TESC PLAN

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COORDINATE WITH SCHOOL DISTRICT FOR ACCESS TO AND FROM PROJECT SITE

NOTE:
INSTALL CONSTRUCTION FENCING AROUND LIMITS OF WORK TO PROTECT STAFF AND STUDENTS AND SECURE JOBSITE. CONTRACTOR SHALL ERECT FENCE AROUND JOBSITE AND ADJUST AS CONSTRUCTION CONDITIONS CHANGE OR AS PHASING ALLOWS. SEE DETAIL 8/C211

NOTES

1. SEE CITY OF NORTH BEND EROSION AND SEDIMENTATION CONTROL NOTES ON SHEET C000.
2. PROVIDE CATCH BASIN PROTECTION AT ALL CATCH BASINS RECEIVING SURFACE FLOW FROM CONSTRUCTION AREAS, (TYP.)
3. CONTRACTOR IS RESPONSIBLE FOR TREATING ALL CONSTRUCTION STORMWATER RUNOFF TO DISCHARGE AT NO MORE THAN 25 NTU OVER BASELINE. THE SYSTEM SHALL BE DESIGNED, INSTALLED, AND OPERATED BY THE CONTRACTOR. THIS SYSTEM MAY INCLUDE BUT NOT LIMITED TO: SURFACE PONDS, PERMANENT VAULTS, BAKER TANKS, FILTRATION SYSTEMS, PUMPS AND HOSES ETC. THE SYSTEM MUST REMAIN UNTIL THE AREA OF THE SITE IT IS TREATING HAS BEEN STABILIZED, AND IT HAS BEEN APPROVED FOR REMOVAL BY BOTH THE CITY AND THE PROJECT CIVIL ENGINEER.
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5. SEE SHEET C210 FOR OTHER DETAILS WHICH MAY BE OPTIONS TO UTILIZE IN MANAGING THE EROSION AND SEDIMENT CONTROL ON THE SITE.

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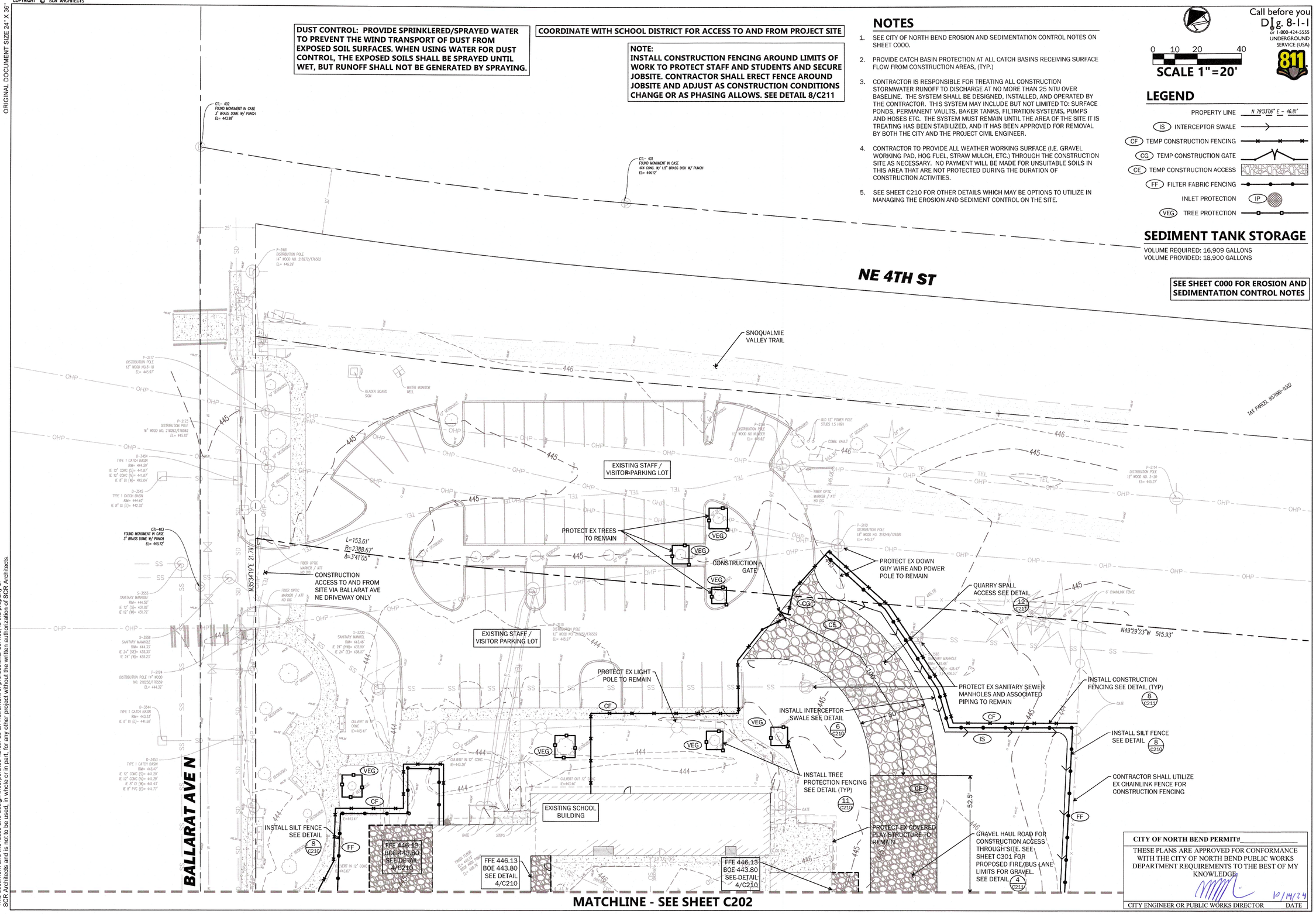
LEGEND

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- (IS) INTERCEPTOR SWALE
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- (CG) TEMP CONSTRUCTION GATE
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- (FF) FILTER FABRIC FENCING
- INLET PROTECTION (IP)
- (VEG) TREE PROTECTION

SEDIMENT TANK STORAGE

VOLUME REQUIRED: 16,909 GALLONS
VOLUME PROVIDED: 18,900 GALLONS

SEE SHEET C000 FOR EROSION AND SEDIMENTATION CONTROL NOTES



MATCHLINE - SEE SHEET C202

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REVISION	DATE

TESC PLAN

C201

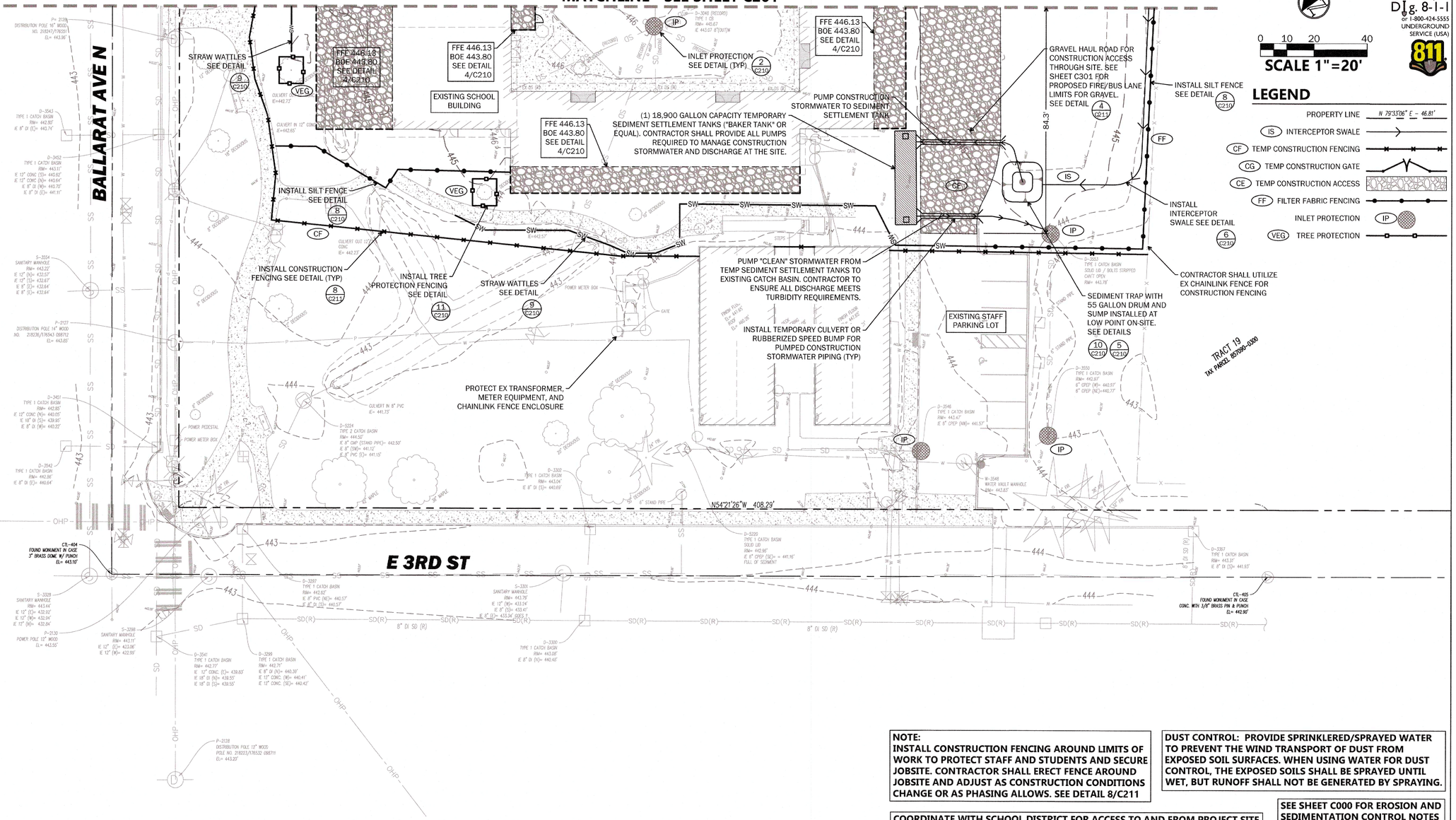
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MATCHLINE - SEE SHEET C201



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SEDIMENT TANK STORAGE

VOLUME REQUIRED: 16,909 GALLONS
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PROJECT NO. 1919
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REVISION	DATE

TESC PLAN

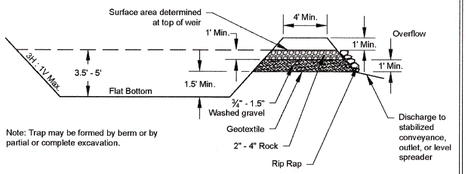
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Figure II-3.26: Cross Section of Sediment Trap



NOT TO SCALE

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Cross Section of Sediment Trap

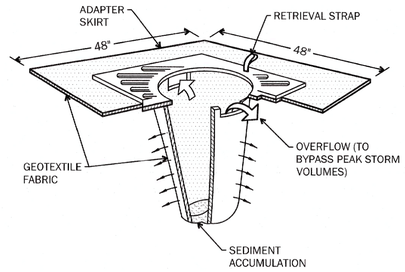
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2019 Stormwater Management Manual for Western Washington

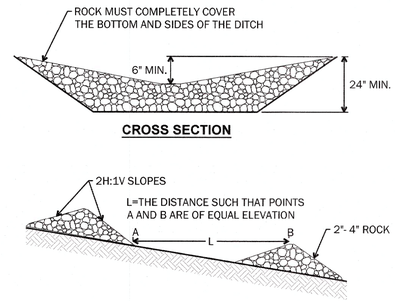
Volume II - Chapter 3 - Page 386

NTS **Sediment Trap** 5

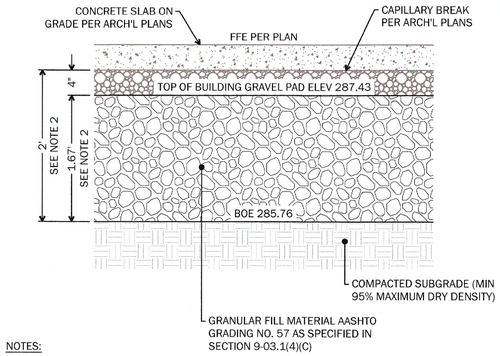


INLET PROTECTION NOTE:
FILTERS SHALL BE INSPECTED AFTER EACH STORM EVENT AND CLEANED OR REPLACES WHEN 1/3 FULL.

NTS **Inlet Protection** 2



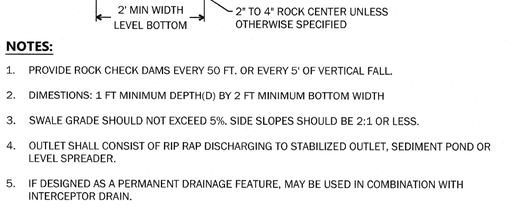
NTS **Check Dam** 3



NOTES:

1. ALL SURFACES COMPACTED TO 95%
2. PLACE ADDITIONAL FILL MATERIAL AS REQUIRED FOR STAGE, WHICH IS APPROXIMATELY 2-FT HIGHER THAN SURROUNDING TYP BLDG FFE. SEE ARCH'L PLANS

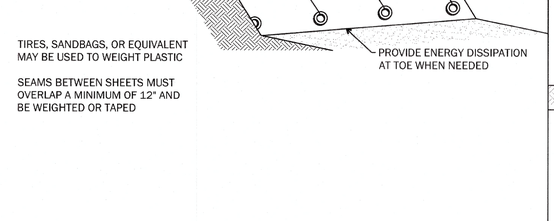
NTS **Gravel Building Pad** 4



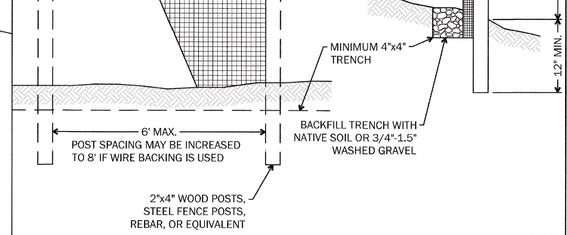
NOTES:

1. PROVIDE ROCK CHECK DAMS EVERY 50 FT. OR EVERY 5' OF VERTICAL FALL.
2. DIMESTIONS: 1 FT MINIMUM DEPTH(D) BY 2 FT MINIMUM BOTTOM WIDTH
3. SWALE GRADE SHOULD NOT EXCEED 5%. SIDE SLOPES SHOULD BE 2:1 OR LESS.
4. OUTLET SHALL CONSIST OF RIP RAP DISCHARGING TO STABILIZED OUTLET, SEDIMENT POND OR LEVEL SPREADER.
5. IF DESIGNED AS A PERMANENT DRAINAGE FEATURE, MAY BE USED IN COMBINATION WITH INTERCEPTOR DRAIN.

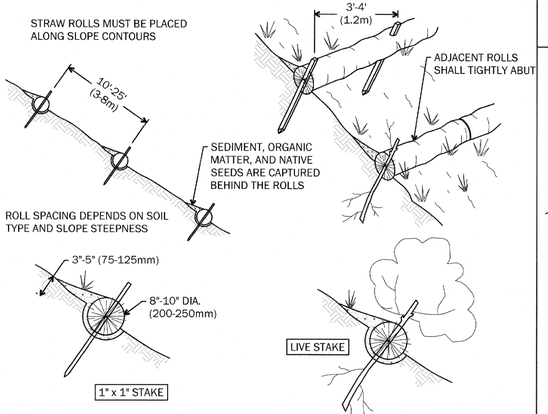
NTS **Interceptor Swale** 6



NTS **Plastic Sheeting** 7



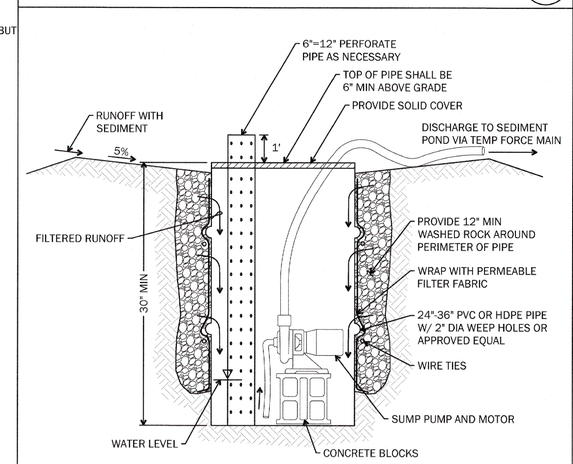
NTS **Silt Fence** 8



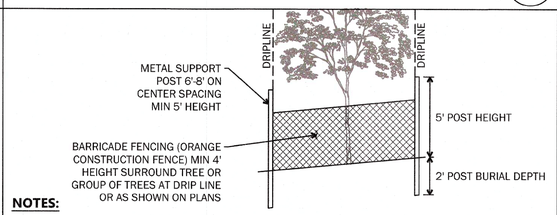
NOTES:

1. STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3" x 5" (75-125mm) DEEP, DUG ON CONTOUR.
2. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.
3. FOR ASPHALT OR CONCRETE APPLICATIONS, STRAW WATTLE SHALL BE LAID ON TOP OF PAVEMENT AND HELD IN PLACE AS NEEDED WITH SAND BAGS AND ADJUSTED AS NECESSARY AS PHASING OR FIELD CONDITIONS CHANGE.

NTS **Straw Wattle** 9



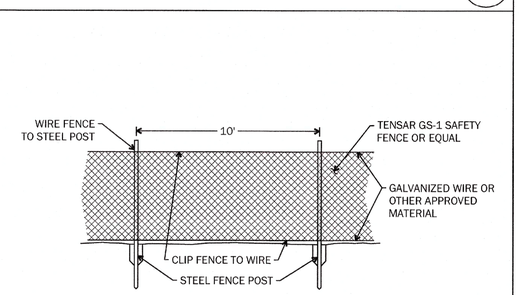
NTS **Temprorary Sump and Pump** 10



NOTES:

1. A MINIMUM 4 FOOT HIGH TEMPORARY FENCE MUST BE PLACED AT THE DRIP LINE OF TREES PRIOR TO THE COMMENCEMENT OF CLEARING OR EARTHWORK. NOTIFY THE CLEARING AND GRADING INSPECTOR TO GET BOTH THE INSPECTION AND WRITTEN APPROVAL OF FLAGGED TREES AND TEMPORARY PROTECTION FENCING AROUND TREES TO BE SAVED PER THE APPROVED CLEARING AND GRADING PLAN.
2. NO STOCKPILING OF MATERIAL AND NO VEHICULAR TRAFFIC ARE ALLOWED WITHIN THE LIMITS OF THE TEMPORARY FENCING. FILLING, EXCAVATION, AND CLEARING MUST BE ACCOMPLISHED BY HAND METHODS ONLY.
3. ROOTS OF TREES TO BE SAVED WHICH ARE DAMAGED DURING CONSTRUCTION MUST BE TREATED IN THE FOLLOWING WAY: FOR DAMAGED ROOTS OVER 1" IN DIAMETER, MAKE A CLEAN, STRAIGHT CUT TO REMOVE THE DAMAGED PORTION OF THE ROOT. ALL EXPOSED ROOTS WILL BE TEMPORARILY COVERED WITH DAMP BURLAP OR WOOD SHAVINGS TO PREVENT DRYING AND COVERED WITH EARTH AS SOON AS POSSIBLE.
4. SEE TESC PLANS FOR LOCATION OF EXISTING TREES TO RECEIVE TEMPORARY FENCING.
5. SEE SPECIFICATIONS FOR PRUNING, WATERING, AND OTHER MAINTENANCE REQUIREMENTS

NTS **Tree Protection** 11



NTS **Clearing Limits Fence** 12

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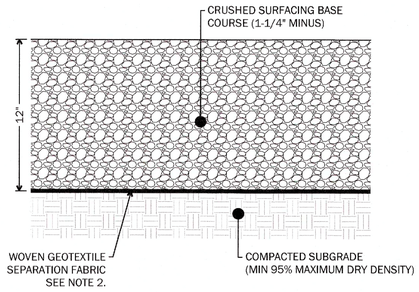
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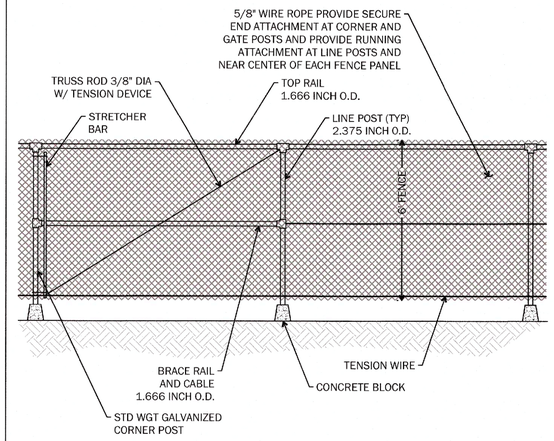
1. ALL SURFACES COMPACTED TO 95%
2. WOVEN GEOTEXTILE SEPARATION FABRIC, MIRAFI 500-X OR EQUAL, TO BE PLACED BELOW GRAVEL HAUL ROADS ONLY

NTS
Gravel Haul Road 4

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NTS
Construction Fence 8

NTS
Not Used 9

NTS
Not Used 10

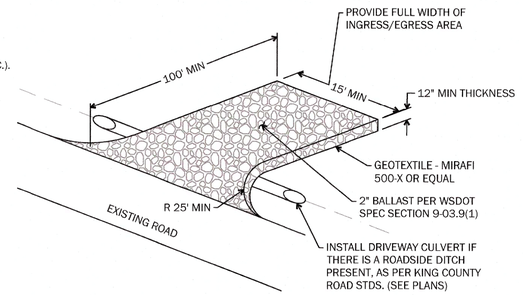
NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL BALLAST ROCK, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, TRACKED FROM VEHICLES ONTO ROADWAY OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
2. CONSTRUCTION ENTRANCE SHALL BE USED FOR TIRE CLEANING/WASHDOWN ONLY. GENERAL CLEANING/WASHDOWN (CONCRETE BOOMS, ETC.) SHALL OCCUR AT APPROPRIATE OFF-SITE LOCATIONS.
3. HAZARDOUS CONDITIONS MAY EXIST NEAR THE CONSTRUCTION ENTRANCE LOCATION (OVERHEAD POWER, ETC.). THEREFORE, IT SHALL BE THE FULL RESPONSIBILITY OF THE CONSTRUCTION ENTRANCE USERS TO EMPLOY SAFETY PRECAUTIONS AS DEEMED NECESSARY.

MAINTENANCE STANDARDS:

1. ADDITIONAL BALLAST ROCK SHALL BE ADDED IF THE PAD IS NO LONGER IN ACCORDANCE WITH THE SPECIFICATIONS.
2. IF THE ENTRANCE IS NOT PREVENTING SEDIMENT FROM BEING TRACKED ONTO PAVEMENT, THEN ALTERNATIVE MEASURES TO KEEP THE STREETS FREE OF SEDIMENT SHALL BE USED. THIS MAY INCLUDE STREET SWEEPING, AN INCREASE IN THE DIMENSIONS OF THE ENTRANCE, OR THE INSTALLATION OF A WHEEL WASH. IF WASHING IS USED, IT SHALL BE DONE ON AN AREA COVERED WITH CRUSHED ROCK, AND WASH WATER SHALL DRAIN TO A SEDIMENT TRAP OR POND.
3. ANY SEDIMENT THAT IS TRACKED ONTO PAVEMENT SHALL BE REMOVED IMMEDIATELY BY SWEEPING. THE SEDIMENT COLLECTED BY SWEEPING SHALL BE REMOVED OR STABILIZED ON SITE. THE PAVEMENT SHALL NOT BE CLEANED BY WASHING DOWN THE STREET, EXCEPT WHEN SWEEPING IS INEFFECTIVE AND THERE IS A THREAT TO PUBLIC SAFETY. IF IT IS NECESSARY TO WASH THE STREETS, A SMALL SUMP SHALL BE CONSTRUCTED. THE SEDIMENT WOULD THEN BE WASHED INTO THE SUMP WHERE IT CAN BE CONTROLLED. WASH WATER MUST BE PUMPED BACK ONTO THE SITE AND CAN NOT DISCHARGE TO SYSTEMS TRIBUTARY TO SURFACE WATERS.
4. ANY BALLAST ROCK THAT IS LOOSENED FROM THE PAD AND END UP ON THE ROADWAY SHALL BE REMOVED IMMEDIATELY.
5. IF VEHICLES ARE ENTERING OR EXITING THE SITE AT POINTS OTHER THAN THE CONSTRUCTION ENTRANCE(S), FENCING SHALL BE INSTALLED TO CONTROL TRAFFIC.

IT IS RECOMMENDED THAT THE ENTRANCE BE CROWNED SO THAT RUNOFF DRAINS OFF THE PAD.



NTS
Construction Entrance 12

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12/19/24

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1221 E. Pike St. Suite 205
Seattle, WA 98122

HAROLD A. JACOBSON — STATE OF WASHINGTON — 43667 — REGISTERED PROFESSIONAL ENGINEER
10/04/2024

DRAWN BY: DJD/AJJ
CHECKED BY: SSE
APPROVED BY: SSE

PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
1919
ISSUE DATE
10-31-2024
CURRENT REVISION
BID SET
DRAWING PLOT DATE

REVISION	DATE

TESC DETAILS

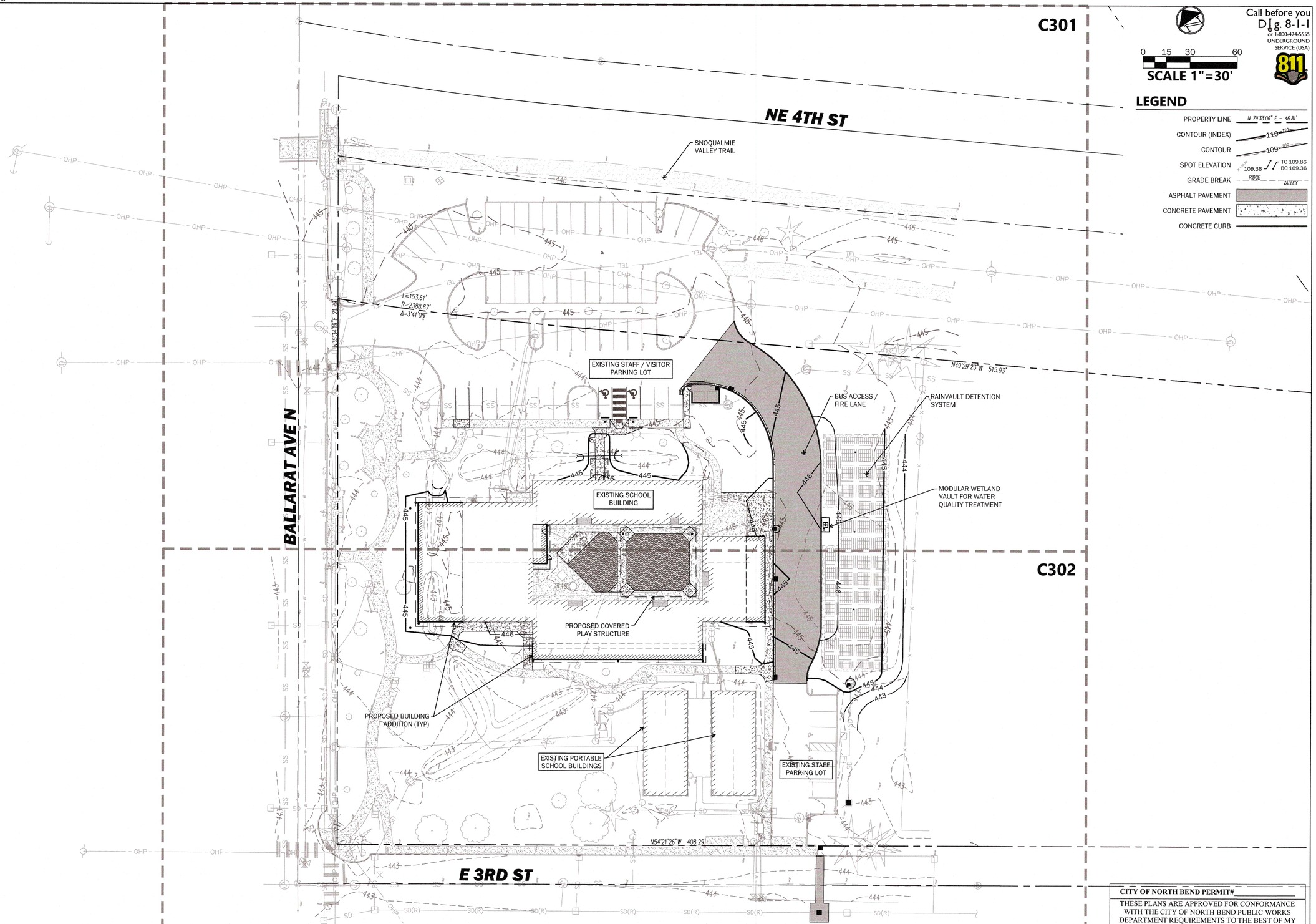
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SCALE 1"=30'

LEGEND

- PROPERTY LINE — N 79°33'06" E — 46.81'
- CONTOUR (INDEX) — 110
- CONTOUR — 109
- SPOT ELEVATION — 109.36 — TC 109.86 BC 109.36
- GRADE BREAK — RIDGE / VALLEY
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- CONCRETE CURB

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CHECKED BY: SSE
APPROVED BY: SSE

PROJECT NAME: EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS: SNOQUALMIE VALLEY SCHOOL DISTRICT
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SNOQUALMIE, WA 98065

PROJECT NO.
1919

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OVERALL GRADING & PAVING PLAN

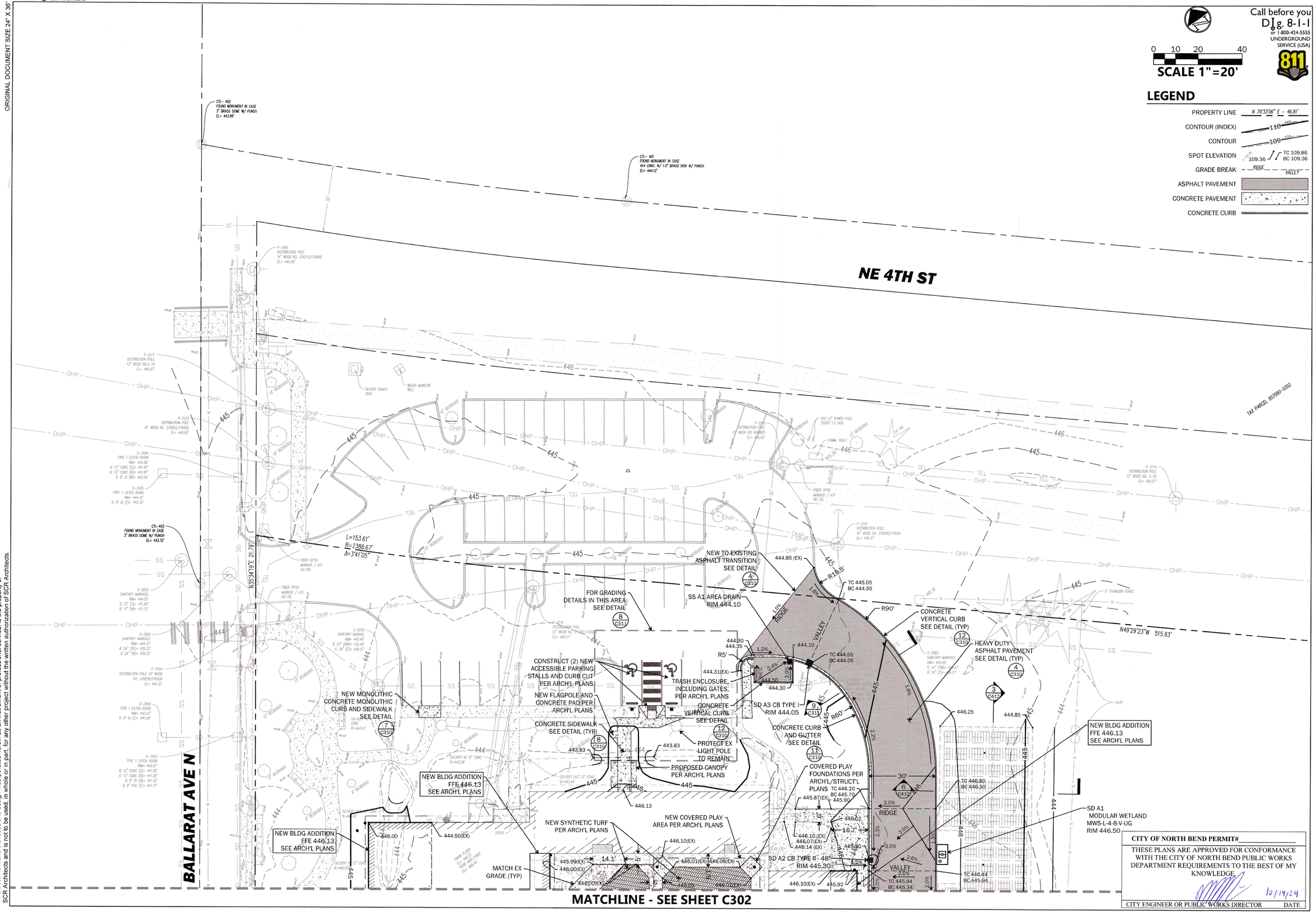
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GRADING & PAVING PLAN

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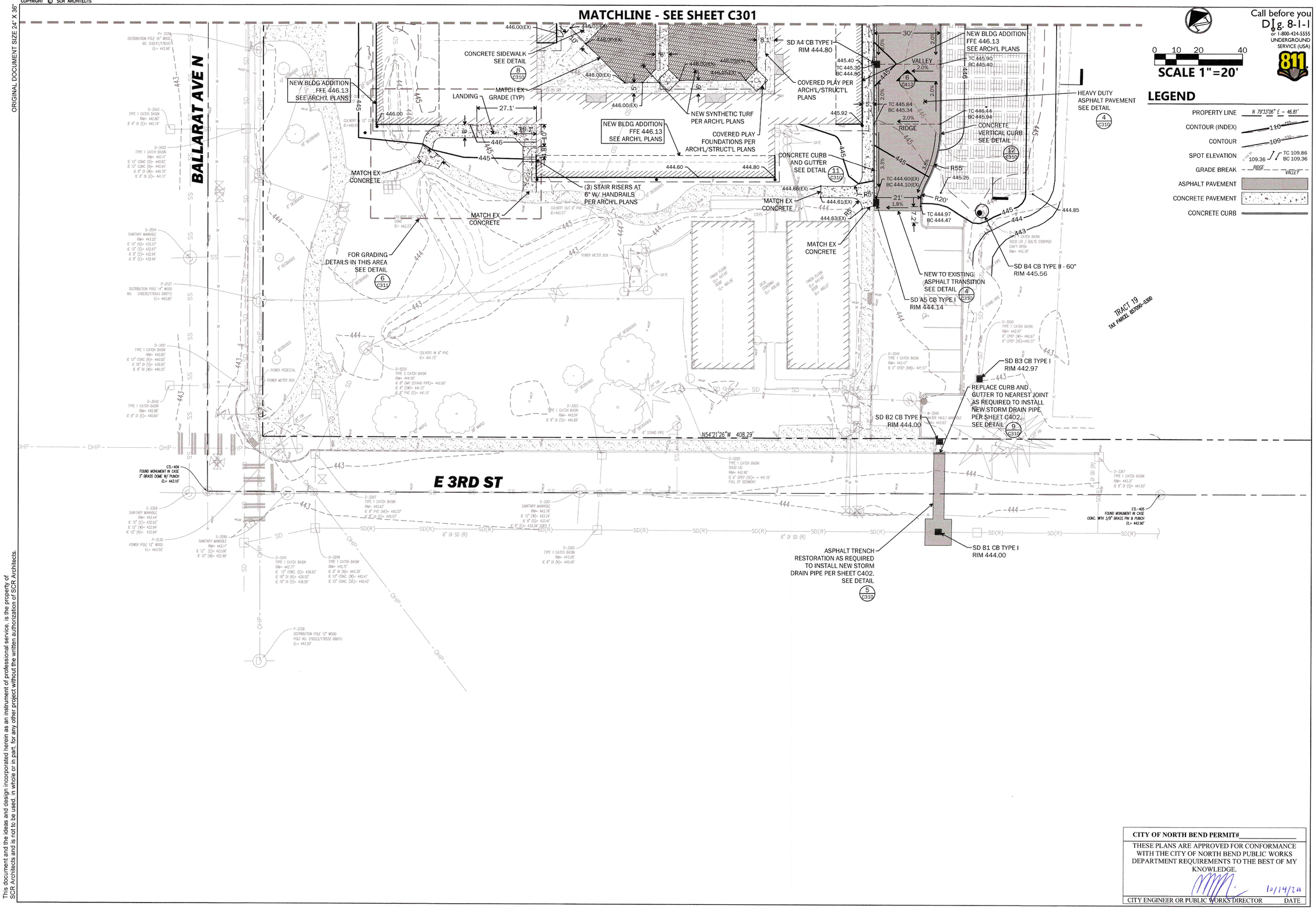
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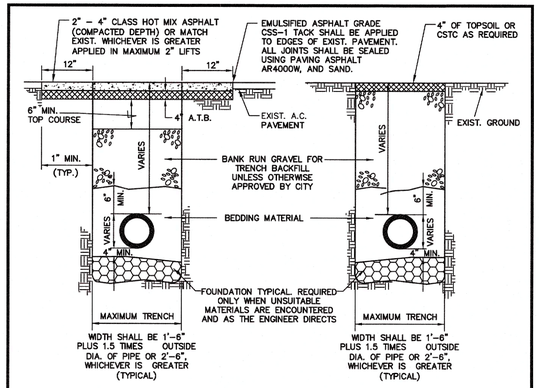
GRADING & PAVING PLAN

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WITHIN TRAVELED WAY **OUTSIDE OF TRAVELED WAY**

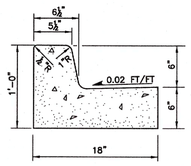
NOTES:

1. ALL MATERIALS EXCEPT HMA AND BEDDING MATERIAL SHALL BE COMPACTED IN 6–INCH MAXIMUM LIFTS TO 95% DENSITY.
2. BEDDING SHALL CONFORM TO STANDARD SPECIFICATIONS.
3. COMPACTION: BEDDING SHALL BE COMPACTED TO 95% MAX. AS DETERMINED BY ASTM D1557. BACKFILL SHALL BE COMPACTED TO 85% IN UNPAVED AREA, AND 95% IN PAVED OR SHOULDER AREAS AS DETERMINED BY ASTM D1557.
4. ALL MATERIALS, WORKMANSHIP, AND INSTALL–ATION SHALL BE IN CONFORMANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION AS AMENDED BY CITY STANDARDS.
5. KEEP TRENCH BOTTOM COMPACTED WITH UNIFORM GRADE. A BELL JOINT SHALL BE REQUIRED AT EACH JOINT FOR PROPER SUPPORT. NO TEMPORARY SUPPORTS, I.E. BLOCKS, WILL BE ALLOWED TO SUPPORT PIPE. TRENCH BOTTOM SHALL BE TO GRADE PRIOR TO PIPE INSTALLATION.
7. ALL EDGES SHALL BE NEAT–LINE SAWCUT.
8. CLASS "B" ASPHALT SHALL BE HMA CLASS B PG 58–22

CITY OF NORTH BEND
TRENCH – PAVEMENT RESTORATION

APPROVED:	DWG. NO.
MARK RIGOS, P.E. — MAY 2018	T–32
BY CITY — DATE	

NTS **5** Trench - Pavement Restoration



VERTICAL CONCRETE CURB AND GUTTER **BORDER CURB**

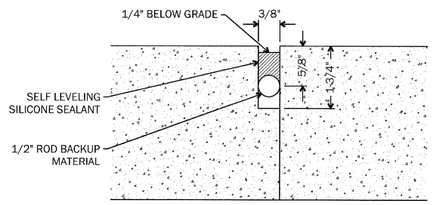
NOTES:

1. THE CURBS, GUTTERS AND SIDEWALKS SHALL HAVE EXPANSION JOINTS (3/8") AT INTERVALS OF NOT GREATER THAN 15'–0"
2. CEMENT CONCRETE SHALL BE AIR–ENTRAINED CLASS 3000, EXCEPT CLASS 4000 SHALL BE USED AT DRIVEWAY APPROACHES.
3. WHEN REPAIRING AND/OR REPLACING CEMENT CONCRETE CURB AND GUTTER, EXISTING CURB AND GUTTER SHALL BE REMOVED TO THE NEAREST JOINT, SAWCUTTING AND REMOVAL SHALL NOT BE ALLOWED.

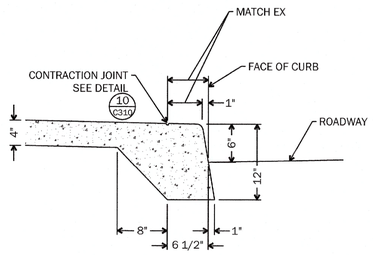
CITY OF NORTH BEND
CONCRETE CURB AND GUTTER

APPROVED:	DWG. NO.
MARK RIGOS, P.E. — MAY 2018	T–22
BY CITY — DATE	

NTS **9** Concrete Curb and Gutter



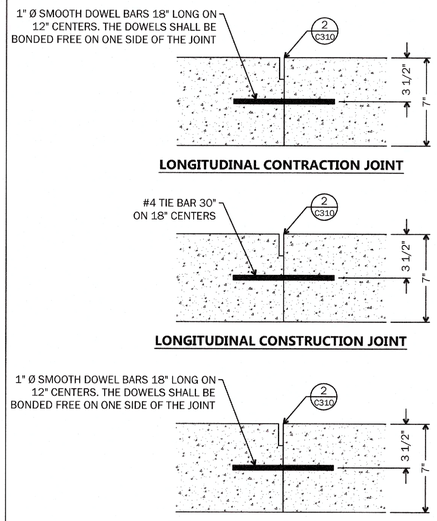
NTS **2** Sawed Construction Joint



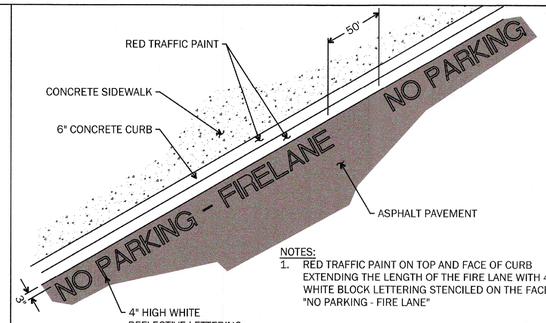
NOTES:

1. ONLY TO BE USED WHERE REPLACING EX NON-STRUCTURAL SIDEWALK. CONTRACTOR SHALL FIELD VERIFY EXTENTS OF STRUCTURAL AND NON-STRUCTURAL SIDEWALK LOCATIONS.
2. EXTEND SIDEWALK TRANSVERSE EXPANSION JOINTS TO INCLUDE CURB (FULL DEPTH)

NTS **6** Curb Face



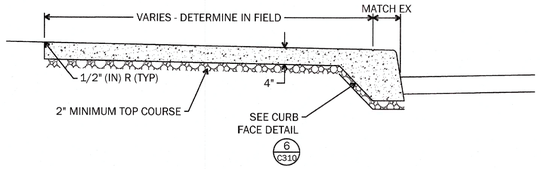
NTS **10** Paving Joints



NOTES:

1. RED TRAFFIC PAINT ON TOP AND FACE OF CURB EXTENDING THE LENGTH OF THE FIRE LANE WITH 4" WHITE BLOCK LETTERING STENCILED ON THE FACE "NO PARKING - FIRE LANE"
2. ROLLED CURBS OR SURFACES WITHOUT CURBS SHALL HAVE A 6" WIDE RED STRIPE EXTENDING THE LENGTH OF THE FIRE LANE PAINTED WITH 4" WHITE BLOCK LETTER STENCILED ON STRIPE "NO PARKING - FIRE LANE"
3. LETTERING SPACED EVERY 50 FEET
4. PLANS/DETAILS MUST BE SUBMITTED AND APPROVED BY THE FIRE MARSHAL PRIOR TO PAINTING ANY NEW FIRE LANE OR MODIFYING ANY EXISTING FIRE LANE.

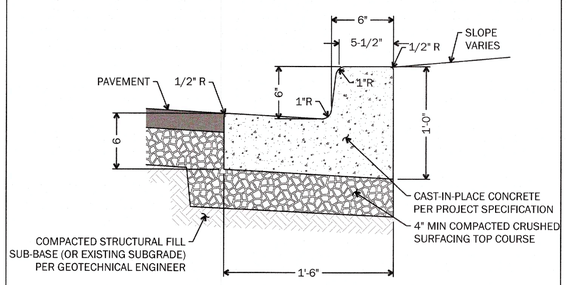
NTS **3** Fire Lane Markings



NOTES:

1. ONLY TO BE USED WHERE REPLACING EX NON-STRUCTURAL SIDEWALK. CONTRACTOR SHALL FIELD VERIFY EXTENTS OF STRUCTURAL AND NON-STRUCTURAL SIDEWALK LOCATIONS.
2. EXTEND SIDEWALK TRANSVERSE EXPANSION JOINTS TO INCLUDE CURB (FULL DEPTH)

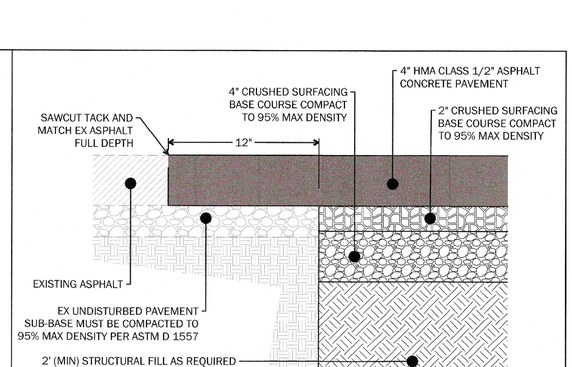
NTS **7** Monolithic Concrete Curb and Sidewalk



NOTES:

1. FORMS SHALL BE STEEL AND SET TRUE TO LINE AND GRADE (INSPECTION IS REQUIRED PRIOR TO PLACEMENT OF CONCRETE).
2. CONCRETE SHALL BE CEMENT CONCRETE CLASS 5-3/4 SACK OR 6 SACK, 4,000 PSI.
3. 10' THRU JOINT, ON CENTER.

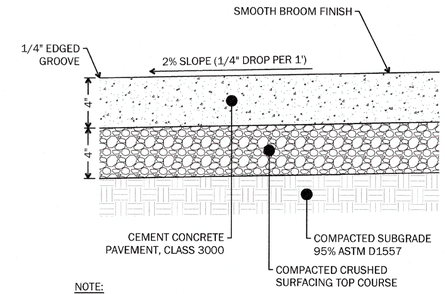
NTS **11** Concrete curb and Gutter



NOTES:

1. ASPHALT PAVEMENT SHALL BE PLACED IN (2) LIFTS. FINAL LIFT SHALL BE CONSTRUCTED WITH THE OVERLAY OF THE EXISTING ASPHALT ONLY AFTER BUILDING IMPROVEMENTS ARE COMPLETE

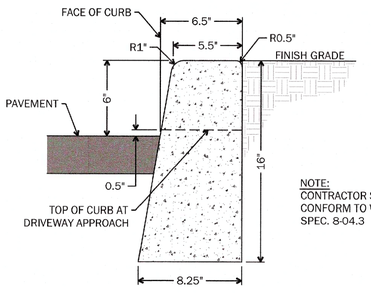
NTS **4** Heavy Asphalt



NOTE:

1. CEMENT CONCRETE SHALL BE CLASS 3000
2. DUMMY JOINTS CONSISTING OF 3/16" BY 2" PREMOLDED JOINT MATERIAL SHALL BE PLACED AT 15 FOOT INTERVALS

NTS **8** Concrete Sidewalk



NOTE:
CONTRACTOR SHALL CONFORM TO WSDOT SPEC. 8-04.3

NTS **12** Vertical Curb

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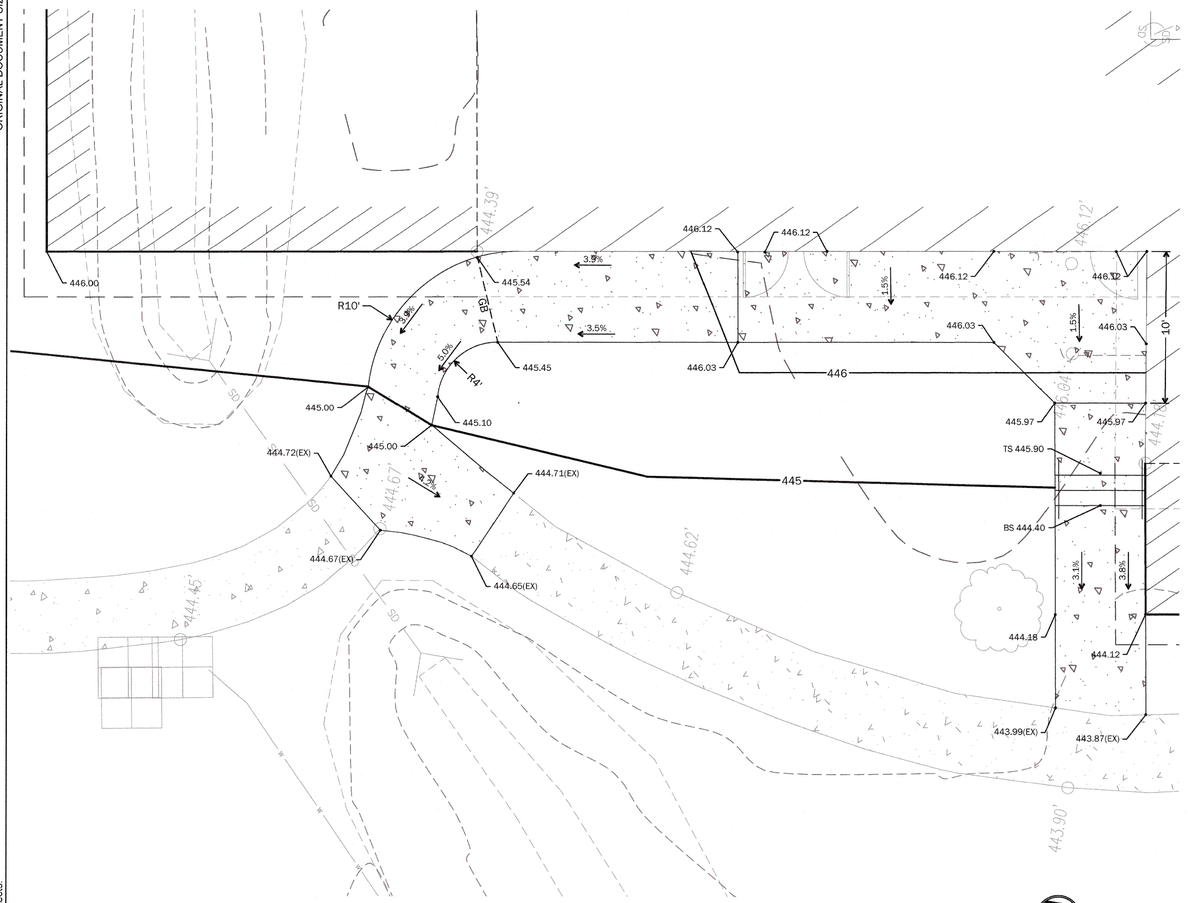
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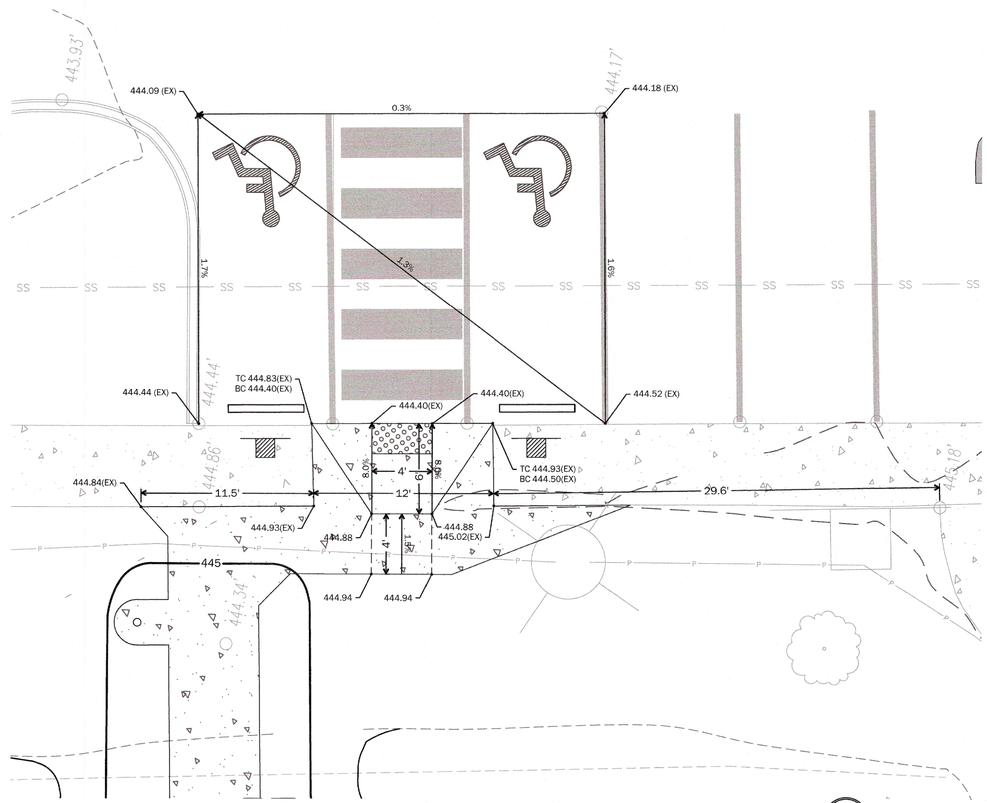
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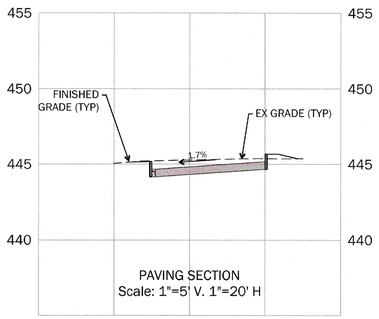
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1"=5'
Southwest Stair & Landing Detail 6



1"=5'
Northeast ADA Grading Detail 8



NTS
Paving Section 9

NTS
Not Used 10

NTS
Not Used 11

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Seattle, WA 98122

JEFFREY A. JACOBSEN
STATE OF WASHINGTON
43667
REGISTERED PROFESSIONAL ENGINEER
10/04/2024

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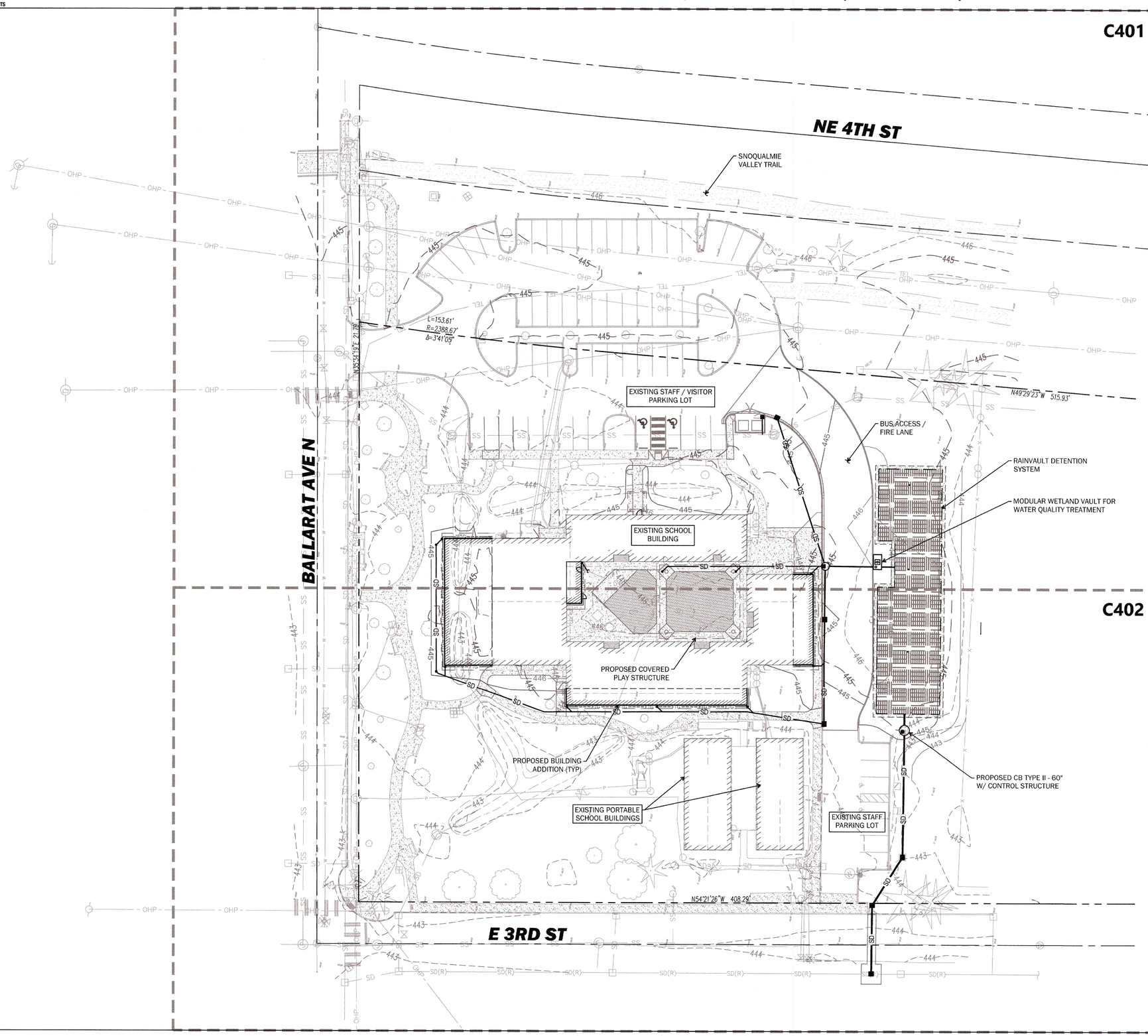
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SCALE 1"=30'

LEGEND

- PROPERTY LINE — N 79°33'06" E – 46.81'
- STORM DRAINAGE PIPE — SD
- YD/CO/CB/CB 2/MH
- DETENTION VAULT
- DOWNSPOUT •DS
- FOOTING DRAIN ——FTG——FTG——

STORM DRAINAGE NOTES

1. PROOF OF LIABILITY INSURANCE SHALL BE SUBMITTED TO CITY OF NORTH BEND PRIOR TO THE CONSTRUCTION OF THE DRAINAGE FACILITIES, PREFERABLY AT THE PRECONSTRUCTION MEETING.
2. ALL PIPE AND APPURTENANCES SHALL BE LAID ON A PROPERLY PREPARED FOUNDATION IN ACCORDANCE WITH WSDOT SPECIFICATIONS. THIS SHALL INCLUDE LEVELING AND COMPACTING THE TRENCH BOTTOM, THE TOP OF THE FOUNDATION MATERIAL, AND ANY REQUIRED PIPE BEDDING, TO A UNIFORM GRADE SO THAT THE ENTIRE PIPE IS SUPPORTED BY A UNIFORMLY DENSE UNYIELDING BASE.
3. STEEL PIPE SHALL BE ALUMINIZED, OR GALVANIZED WITH ASPHALT TREATMENT #1 OR BETTER INSIDE AND OUTSIDE.
4. ALL DRAINAGE STRUCTURES, SUCH AS CATCH BASINS AND MANHOLES, NOT LOCATED WITHIN A TRAVELED ROADWAY OR SIDEWALK, SHALL HAVE SOLID LOCKING LIDS. ALL DRAINAGE STRUCTURES ASSOCIATED WITH A PERMANENT RETENTION/DETENTION FACILITY SHALL HAVE SOLID LOCKING LIDS.
5. ALL CATCH BASIN GRATES SHALL CONFORM TO CITY STANDARDS, WHICH INCLUDES THE STAMPING "OUTFALL TO STREAM, DUMP NO POLLUTANTS".
6. DRAINAGE OUTLETS (STUB-OUTS) SHALL BE PROVIDED FOR EACH INDIVIDUAL LOT, EXCEPT FOR THOSE LOTS APPROVED FOR INFILTRATION BY CITY OF NORTH BEND. STUB-OUTS SHALL CONFORM TO THE FOLLOWING:
   a. EACH OUTLET SHALL BE SUITABLY LOCATED AT THE LOWEST ELEVATION ON THE LOT, SO AS TO SERVICE ALL FUTURE ROOF DOWNSPOUTS AND FOOTING DRAINS, DRIVEWAYS, YARD DRAINS, AND ANY OTHER SURFACE OR SUBSURFACE DRAINS NECESSARY TO RENDER THE LOTS SUITABLE FOR THEIR INTENDED USE. EACH OUTLET SHALL HAVE FREE-FLOWING, POSITIVE DRAINAGE TO AN APPROVED STORMWATER CONVEYANCE SYSTEM OR TO AN APPROVED OUTFALL LOCATION.
   b. OUTLETS ON EACH LOT SHALL BE LOCATED WITH A FIVE-FOOT-HIGH, 2" X 4" STAKE MARKED "STORM" OR "DRAIN". THE STUB-OUT SHALL EXTEND ABOVE SURFACE LEVEL, BE VISIBLE, AND BE SECURED TO THE STAKE.
   c. PIPE MATERIAL SHALL CONFORM TO UNDERDRAIN SPECIFICATIONS DESCRIBED IN CITY OF NORTH BEND PUBLIC WORKS STANDARDS AND, IF NON-METALLIC, THE PIPE SHALL CONTAIN WIRE OR OTHER ACCEPTABLE DETECTION.
   d. DRAINAGE EASEMENTS ARE REQUIRED FOR DRAINAGE SYSTEMS DESIGNED TO CONVEY FLOWS THROUGH INDIVIDUAL LOTS.
   e. THE APPLICANT/CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE LOCATIONS OF ALL STUB-OUT CONVEYANCE LINES WITH RESPECT TO THE UTILITIES (E.G. POWER, GAS, TELEPHONE, TELEVISION).
   f. ALL INDIVIDUAL STUB-OUTS SHALL BE PRIVATELY OWNED AND MAINTAINED BY THE LOT OWNER.
7. ALL DISTURBED PERVIOUS AREAS (COMPACTED, GRADED, LANDSCAPED, ETC.) OF THE DEVELOPMENT SITE MUST DEMONSTRATE ONE OF THE FOLLOWING, IN ACCORDANCE WITH CITY OF NORTH BEND PUBLIC WORKS STANDARDS AND THE LOW IMPACT DEVELOPMENT (LID) COMPONENTS OF THE APPROVED SITE PLAN: THE EXISTING DUFF LAYER SHALL BE STAGED AND REDISTRIBUTED TO MAINTAIN THE MOISTURE CAPACITY OF THE SOIL, OR; AMENDED SOIL SHALL BE ADDED TO MAINTAIN THE MOISTURE CAPACITY.
8. SEASONAL CLEARING IS LIMITED BETWEEN OCTOBER 1 AND APRIL 30 INCLUSIVE, UNLESS OTHERWISE APPROVED WITH A WRITTEN DECISION BY THE REVIEWING AGENCY.
9. IMPROVEMENTS AND/OR BUILDINGS SHALL NOT BE INSTALLED UNTIL DRAINAGE FACILITIES ARE "IN OPERATION".

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JULIE A. J. ANDERSON — STATE OF WASHINGTON — 43867 — REGISTERED PROFESSIONAL ENGINEER — 10/04/2024

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PROJECT NO. 1919
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CURRENT REVISION BID SET
DRAWING PLOT DATE

REVISION	DATE

OVERALL STORM DRAINAGE PLAN

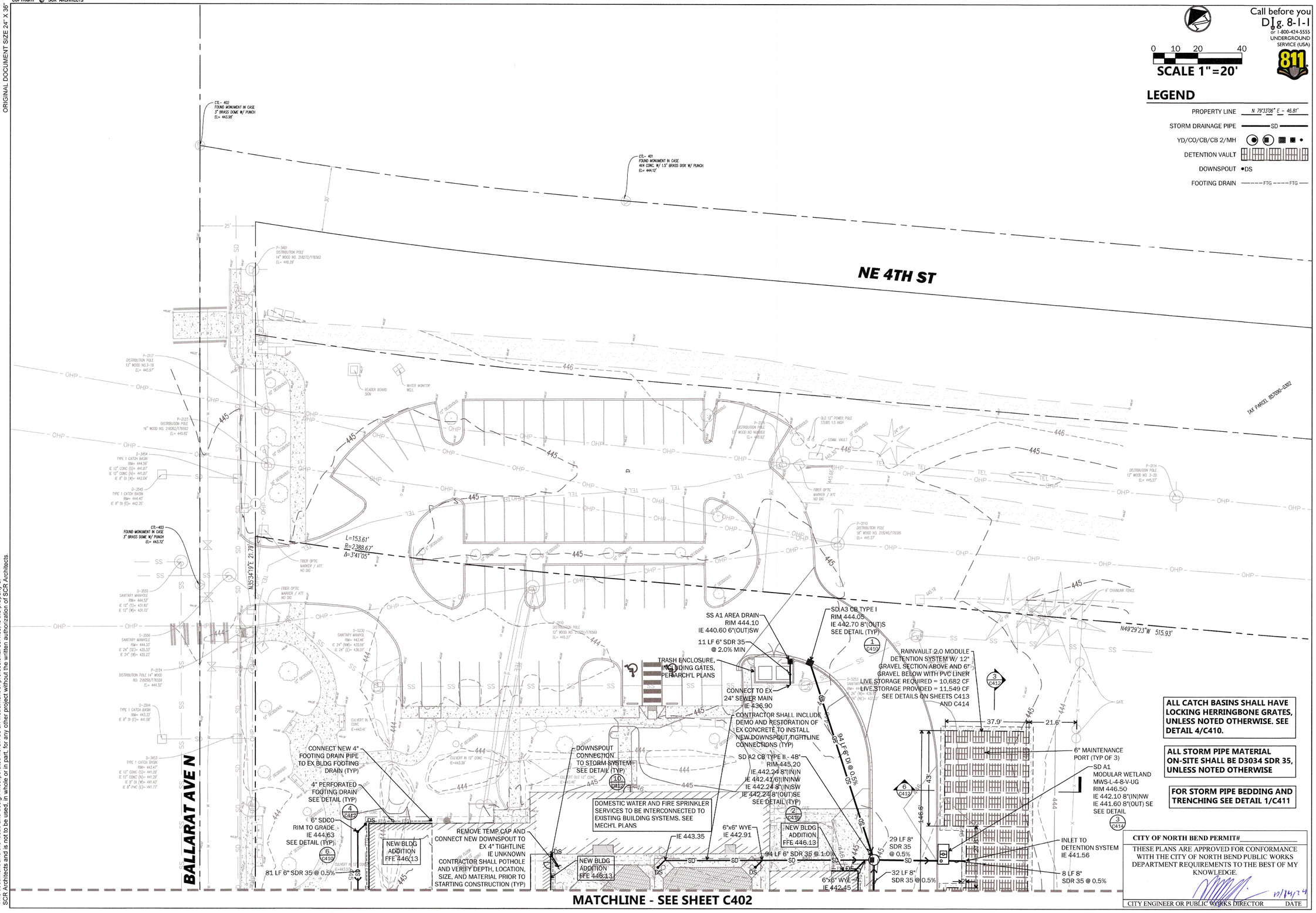
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NE1/4 OF SECTION 09, TOWNSHIP 23 NORTH, RANGE 08 EAST, W.M.



Call before you Dig. 8-1-1 or 1-800-424-5555 UNDERGROUND SERVICE (USA)

811

0 10 20 40

SCALE 1"=20'

LEGEND

- PROPERTY LINE — N 79°33'06" E – 46.81'
- STORM DRAINAGE PIPE — SD
- YD/CO/CB/CB 2/MH
- DETENTION VAULT
- DOWNSPOUT •DS
- FOOTING DRAIN ——FTG——FTG——

ALL CATCH BASINS SHALL HAVE LOCKING HERRINGBONE GRATES, UNLESS NOTED OTHERWISE. SEE DETAIL 4/C410.

ALL STORM PIPE MATERIAL ON-SITE SHALL BE D3034 SDR 35, UNLESS NOTED OTHERWISE

FOR STORM PIPE BEDDING AND TRENCHING SEE DETAIL 1/C411

CITY OF NORTH BEND PERMIT#_____

THESE PLANS ARE APPROVED FOR CONFORMANCE WITH THE CITY OF NORTH BEND PUBLIC WORKS DEPARTMENT REQUIREMENTS TO THE BEST OF MY KNOWLEDGE.

CITY ENGINEER OR PUBLIC WORKS DIRECTOR — DATE 11/14/24

SCR | Architects
1221 E. Pike St. Suite 205
Seattle, WA 98122

JEFFREY A. JACOBSEN — STATE OF WASHINGTON — 43667 — REGISTERED PROFESSIONAL ENGINEER — 10/04/2024

DRAWN BY: DJD/AJJ
CHECKED BY: SSE
APPROVED BY: SSE

PROJECT NAME: EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS: SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO. 1919
ISSUE DATE 10-31-2024
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REVISION	DATE

STORM DRAINAGE PLAN

C401

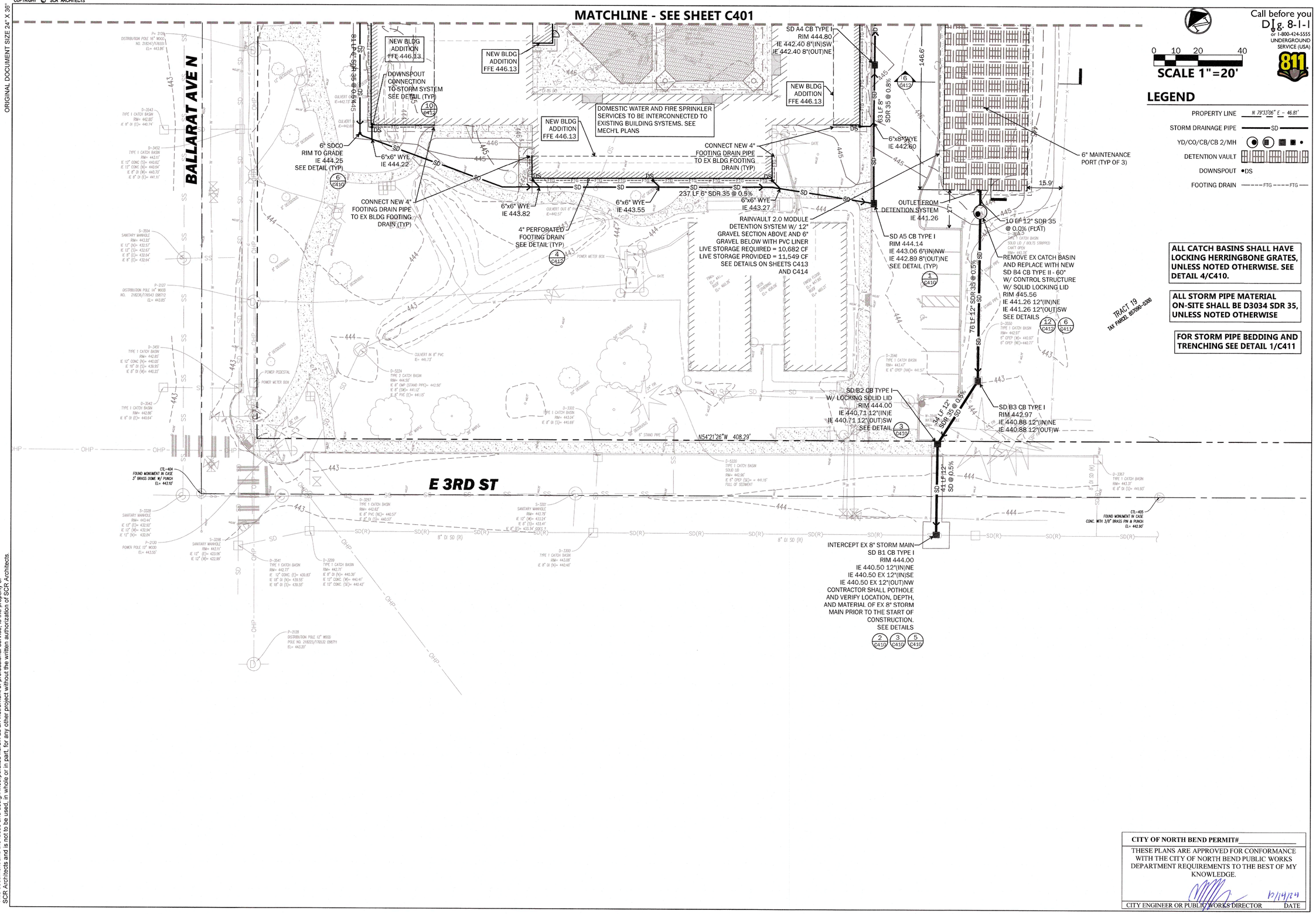
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MATCHLINE - SEE SHEET C401



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SCALE 1"=20'

LEGEND

- PROPERTY LINE — N 79°33'06" E – 46.81'
- STORM DRAINAGE PIPE — SD
- YD/CO/CB/CB 2/MH
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- FOOTING DRAIN ——FTG——FTG——

ALL CATCH BASINS SHALL HAVE LOCKING HERRINGBONE GRATES, UNLESS NOTED OTHERWISE. SEE DETAIL 4/C410.

ALL STORM PIPE MATERIAL ON-SITE SHALL BE D3034 SDR 35, UNLESS NOTED OTHERWISE

FOR STORM PIPE BEDDING AND TRENCHING SEE DETAIL 1/C411

CITY OF NORTH BEND PERMIT#

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12/19/24

CITY ENGINEER OR PUBLIC WORKS DIRECTOR — DATE

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1221 E. Pike St. Suite 205
Seattle, WA 98122

GERALD A. JACOBSON — STATE OF WASHINGTON — 43667 — REGISTERED PROFESSIONAL ENGINEER — 10/04/2024

DRAWN BY: DJD/AJJ
CHECKED BY: SSE
APPROVED BY: SSE

PROJECT NAME: EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS: 8001 SILVA AVE SE/PO BOX 400 SNOQUALMIE, WA 98065

SNOQUALMIE VALLEY SCHOOL DISTRICT

PROJECT NO. 1919
ISSUE DATE 10-31-2024
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REVISION	DATE

STORM DRAINAGE PLAN

C402

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FRAME AND GRATE SEE WSDOT SEC. 7.05 AND APPLICABLE DWGS.
SEE DETAILS A C410 5 C410

6" RISER SECTION

1 #3 BAR HOOP

12" RISER SECTION

2 #3 BAR HOOPS

PRECAST BASE SECTION (MEASUREMENT AT THE TOP OF THE BASE)

#3 BAR EACH CORNER

#3 BAR EACH SIDE

#3 BAR EACH WAY

NOTES:

1. CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C478 (AASHTO M 199) & C890 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE WSDOT/APWA STANDARD SPECIFICATIONS.
2. AS AN ACCEPTABLE ALTERNATIVE TO REBAR, WELDED WIRE FABRIC HAVING A MIN. AREA OF 0.12 SQUARE INCHES PER FOOT MAY BE USED. WELDED WIRE FABRIC SHALL COMPLY TO ASTM A497 (AASHTO M 221). WIRE FABRIC SHALL NOT BE PLACED IN KNOCKOUTS.
3. ALL REINFORCED CAST-IN-PLACE CONCRETE SHALL BE CLASS 4000.
4. PRECAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MIN. ALL PIPE SHALL BE INSTALLED IN FACTORY PROVIDED KNOCKOUTS. UNUSED KOCKOUTS NEED NOT BE GROUTED IF WALL IS LEFT INTACT.
5. KNOCKOUT OR CUTOUT HOLE SIZE IS EQUAL TO PIPE OUTER DIAM. PLUS CATCH BASIN WALL THICKNESS.
6. ROUND KNOCKOUTS MAY BE ON ALL 4 SIDES, WITH MAX. DIAM. OF 20". KNOCKOUTS MAY BE EITHER ROUND OR "D" SHAPE.
7. THE MAX. DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 5'-0".
8. THE TAPER ON THE SIDES OF THE PRECAST BASE SECTION AND RISER SECTION SHALL NOT EXCEED 1/2"/FT.
9. CATCH BASIN FRAME AND GRATE SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND MEET THE STRENGTH REQUIREMENTS OF FEDERAL SPECIFICATION RR-F-621D. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION.
10. FRAME AND GRATE MAY BE INSTALLED WITH FLANGE DOWN OR CAST INTO RISER.
11. FOR CATCH BASINS IN PARKING LOTS REFER TO WSDOT/APWA STANDARD DWG. B-5.60-02.
12. EDGE OF RISER OR BRICK SHALL NOT BE MORE THAN 2" FROM VERTICAL EDGE OF CATCH BASIN WALL.

CITY OF NORTH BEND
CATCH BASIN – TYPE 1

APPROVED:		DWG. NO.
MARK RIGOS, P.E. BY CITY	MAY 2018 DATE	SD-1

NTS **Catch Basin Type I** 1

NOTES:

1. CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C478 (AASHTO M199) AND ASTM C890 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE STANDARD SPECIFICATIONS.
2. HANDHOLDS IN ADJUSTMENT SECTION SHALL HAVE 3" MIN. CLEARANCE. STEPS IN CATCH BASIN SHALL HAVE 6" MIN. CLEARANCE. HANDHOLDS SHALL BE PLACED IN ALTERNATING GRADE RINGS OR LEVELING BRICK COURSE WITH A MIN. OF ONE HANDHOLD BETWEEN THE LAST STEP AND FINISHED GRADE. ALL STEPS AND HANDHOLDS SHALL BE MADE OF POLY PROPYLENE.
3. ALL REINFORCED CAST-IN-PLACE CONCRETE SHALL BE CLASS 4000. ALL PRECAST CONCRETE SHALL BE CLASS 4000.
4. PRECAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE WALL THICKNESS OF 2" MIN. UNUSED KNOCKOUTS NEED NOT BE GROUTED IF WALL IS LEFT INTACT. PIPES SHALL BE INSTALLED ONLY IN FACTORY KNOCKOUTS UNLESS OTHERWISE APPROVED BY THE ENGINEER.
5. KNOCKOUT OR CUTOUT HOLE SIZE SHALL EQUAL PIPE OUTER DIAM. PLUS CATCH BASIN WALL THICKNESS. MAX. HOLE SIZE SHALL BE 24" FOR 48" CATCH BASIN, 42" FOR 54" C.B., 48" FOR 60" C.B., 60" FOR 72" C.B., 84" FOR 96" C.B. MIN. DISTANCE BETWEEN HOLES SHALL BE 8" FOR 48", 54", AND 60" C.B.'s 12" FOR 72" AND 96" C.B.
6. CATCH BASIN FRAMES AND GRATES OR COVERS SHALL BE IN ACCORDANCE WITH SEC. 7.05 OF THE WSDOT STANDARD SPECIFICATIONS. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION.
7. ALL BASE REINFORCING STEEL SHALL HAVE A MIN. YIELD STRENGTH OF 60,000 PSI AND BE PLACED IN THE UPPER HALF OF THE BASE WITH 1" MIN. CLEARANCE.
8. MIN. SOIL BEARING VALUE SHALL EQUAL 3,300 POUNDS PER SQUARE FOOT.
9. FOR DETAILS SHOWING LADDER, STEPS, HANDRAILS AND TOP SLABS, SEE OTHER STANDARD DETAILS.
10. SEE THE WSDOT STANDARD SPECIFICATIONS SEC. 7-05.3 FOR JOINT REQUIREMENTS.

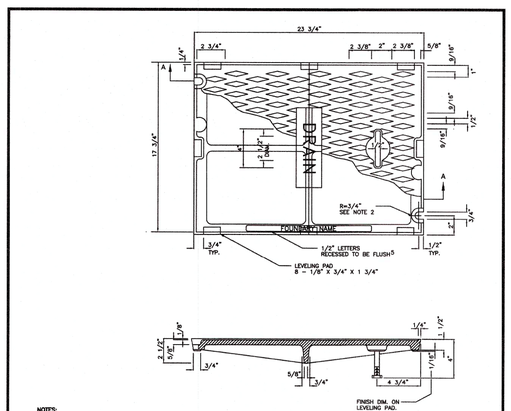
FOR FRAME AND GRATE SEE DETAILS 4/C410 & 5/C410

FOR RING AND COVER SEE DETAILS 3/C411 & 6/C411

CITY OF NORTH BEND
CATCH BASIN – TYPE 2
48", 54", 60", 72", & 96"

APPROVED:		DWG. NO.
MARK RIGOS, P.E. BY CITY	MAY 2018 DATE	SD-3

NTS **Catch basin Type II** 2



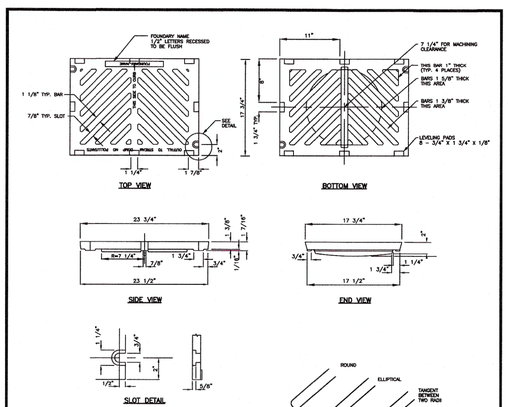
NOTES:

1. USE WITH FRAME DRILLED AND TAPPED FOR LOCKING BOLTS.
2. USE WITH TWO LOCKING BOLTS 5/8"-11 NC STAINLESS STEEL TYPE 304 STEEL SOCKET HEAD (ALLEN HEAD) BOLTS, 2" LONG.
3. COVER MATERIAL IS CAST IRON PER ASTM A48 CLASS 30.
4. SHALL CONFORM TO SEC. 7.05 OF THE WSDOT STANDARD SPECIFICATIONS.
5. COVER SHALL HAVE THE WORD "DRAIN" IN 2–INCH RAISED LETTERS.
6. ALL LIDS TO BE LOCKING UNLESS OTHERWISE SPECIFIED IN PLANS.

CITY OF NORTH BEND
SOLID STORM DRAIN COVER

APPROVED:		DWG. NO.
MARK RIGOS, P.E. BY CITY	MAY 2018 DATE	SD-4

NTS **Solid Storm Drain Cover** 3



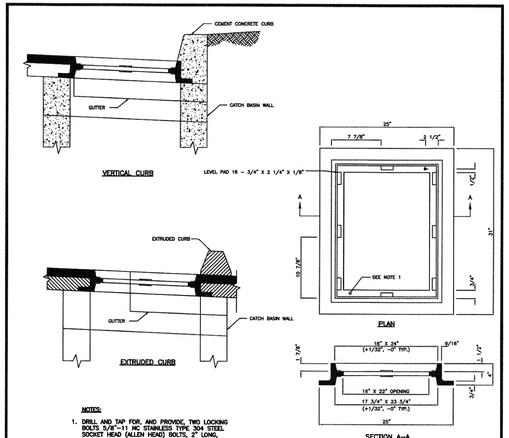
NOTES:

1. SLOT FORMED AND RECESSED FOR 5/8"–11 NC X 2" SOCKET HEAD (ALLEN HEAD) BOLT.
2. GRATE SHALL BE DUCTILE IRON.
3. SHALL CONFORM TO SEC. 9–05.15 OF THE WSDOT STANDARD SPECIFICATIONS.
4. USE VANED GRATE IN CURB LINE.
5. USE FRAME SHOWN IN STANDARD DETAIL SD–6. SEE DETAIL 5/C410
6. ALL LIDS TO BE LOCKING UNLESS OTHERWISE SPECIFIED IN PLANS.

CITY OF NORTH BEND
PARKING LOT AREA GRATE

APPROVED:		DWG. NO.
MARK RIGOS, P.E. BY CITY	MAY 2018 DATE	SD-5

NTS **Parking Lot Area Grate** 4



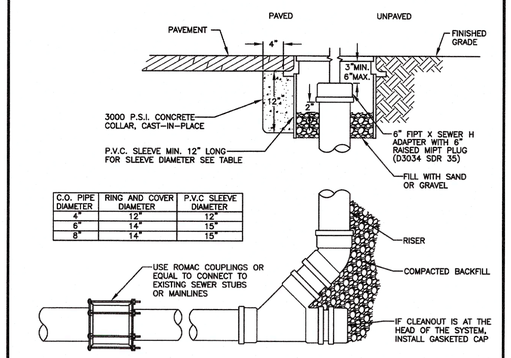
NOTES:

1. DRILL AND TAP FOR, AND PROVIDE, TWO LOCKING BOLTS 5/8"–11 NC STAINLESS TYPE 304 STEEL SOCKET HEAD (ALLEN HEAD) BOLTS, 2" LONG, WHERE REQUIRED.
2. FRAME MATERIAL IS CAST IRON PER ASTM A48 CLASS 30 OR BETTER.
3. SET FRAME TO GRADE AND CONSTRUCT ROAD AND GUTTER TO BE FLUSH WITH FRAME.
4. ALL LIDS TO BE LOCKING UNLESS OTHERWISE SPECIFIED IN PLANS.

CITY OF NORTH BEND
STANDARD FRAME INSTALLATION

APPROVED:		DWG. NO.
MARK RIGOS, P.E. BY CITY	MAY 2018 DATE	SD-6

NTS **Standard Frame Installation** 5



C.O. PIPE DIAMETER	RING AND COVER DIAMETER	P.V.C SLEEVE DIAMETER
4"	12"	12"
6"	14"	15"
8"	14"	15"

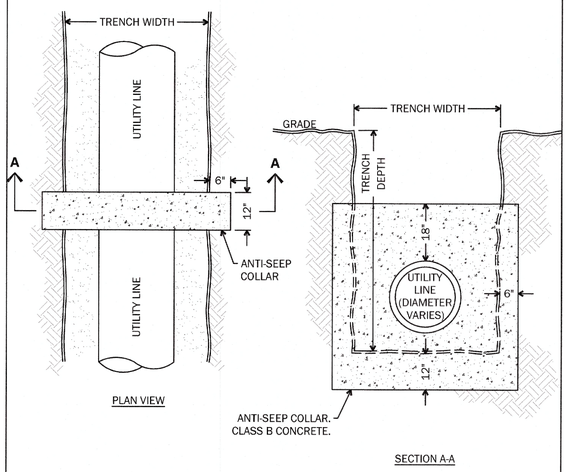
NOTES:

1. BOLT–LOCKING CAST IRON RING AND COVER SHALL BE USED IN RIGHT–OF–WAY AND EASEMENTS AND MUST BE RATED HS–20 IF USED IN PAVED AREAS. SEE TABLE FOR SIZES.
2. MID–STATES PLASTIC BOX OR EQUAL MAY BE USED IF C.O. IS OUTSIDE OF RIGHT–OF–WAY OR EASEMENT. SEE TABLE FOR SIZES. THE COVER FOR THE PLASTIC BOX SHALL BE DUCTILE IRON AND READ "SEWER" OR BE BLANK (NO LABEL).
3. CAST IRON COVER SHALL READ "STORM".
4. 14" BOLT–LOCKING CAST IRON COVER SHALL BE EQUAL TO OLYMPIC FOUNDRY PART NUMBER M1060.
5. SPECIAL "DECORATIVE" CASTING MAY BE USED IF PRE–APPROVED BY CITY.

CITY OF NORTH BEND
CLEANOUT TO GRADE

APPROVED:		DWG. NO.
MARK RIGOS, P.E. BY CITY	MAY 2018 DATE	SD-10

NTS **Cleanout** 6



NTS **Anti-Seep Collar** 7

CITY OF NORTH BEND PERMIT#

THESE PLANS ARE APPROVED FOR CONFORMANCE WITH THE CITY OF NORTH BEND PUBLIC WORKS DEPARTMENT REQUIREMENTS TO THE BEST OF MY KNOWLEDGE.

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1221 E. Pike St. Suite 205
Seattle, WA 98122

JULIE A. JACOBSON — STATE OF WASHINGTON — 43667 — REGISTERED PROFESSIONAL ENGINEER — 10/04/2024

DRAWN BY: DJD/AJJ
CHECKED BY: SSE
APPROVED BY: SSE

PROJECT NAME: EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS: SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO. 1919
ISSUE DATE 10-31-2024
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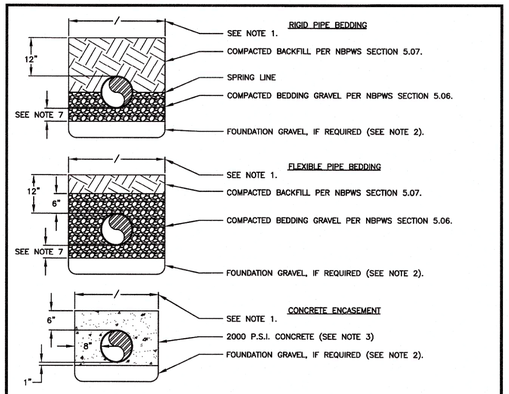
REVISION	DATE

STORM DRAINAGE DETAILS

C410

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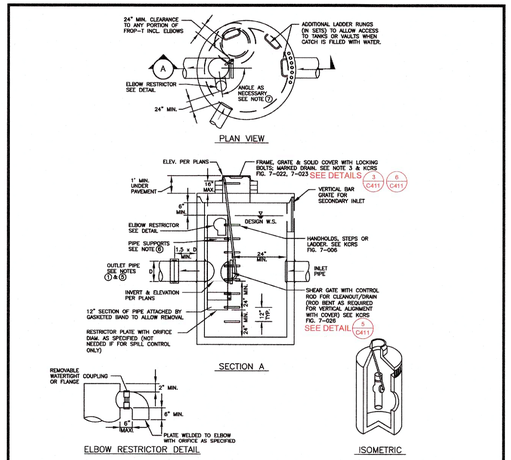
NOTES:

1. FOR PIPES 15–INCHES AND UNDER, TRENCH WIDTH=I.D. + 30–INCHES. FOR PIPES 18–INCHES AND OVER, TRENCH WIDTH=(1.5 x I.D.)+18–INCHES. PER SECTION 2–09.4, "MEASUREMENT", OF THE WSDOT STANDARD SPECIFICATIONS.
2. EXCAVATE UNSTABLE MATERIAL DOWN TO FIRM SOIL AND REPLACE WITH FOUNDATION GRAVEL PER SECTION 9–03.9(1), "BALLAST", OF THE STANDARD SPECIFICATIONS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANCHORING PIPE TO PREVENT FLOTATION DURING CONCRETE PLACEMENT.
4. WHEN THE DESIGN OF TANKS OR PIPES DOES NOT TAKE INTO ACCOUNT BUOYANCY, UNDERDRAINS SHALL BE PROVIDED.
5. PROVIDE CLEANOUTS ON UNDERDRAIN PIPE, EVERY 100 FEET, AND AT BENDS OR JUNCTIONS.
6. SEE WSDOT SECTION 9–03.9 FOR ADDITIONAL REQUIREMENTS.
7. 4–INCHES FOR PIPE 18–INCH DIAMENTER AND LESS; 6–INCHES FOR PIPE GREATER THAN 18–INCH DIAMETER.
8. COMPACTED CRUSHED SURFACING TOP COURSE CAN ALSO BE USED AS BEDDING GRAVEL.

CITY OF NORTH BEND
PIPE BEDDING DETAIL

APPROVED:		DWG. NO.
MARK RIGOS, P.E. BY CITY	MAY 2018 DATE	SD–14

NTS **Pipe Bedding** 1



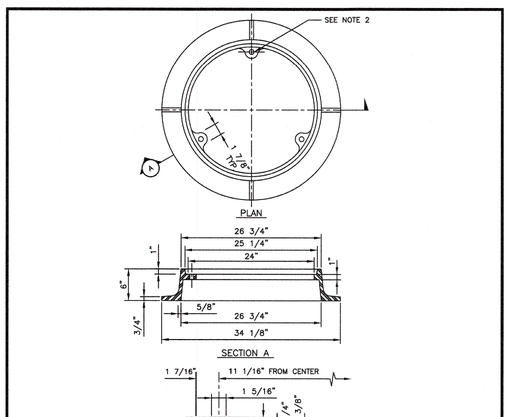
NOTES:

1. USE A MINIMUM 54 IN. DIAM. TYPE 2 CATCH BASIN.
2. OUTLET CAPACITY: 100–YEAR DEVELOPED PEAK FLOW.
3. METAL PARTS: CORROSION RESISTANT, NON–GALVANIZED PARTS PREFERRED. GALVANIZED PIPE PARTS TO HAVE ASPHALT TREATMENT 1.
4. FRAME AND LADDER OR STEPS OFFSET SO: A. CLEANOUT GATE IS VISIBLE FROM TOP; B. FRAME DOWN OPENING IS CLEAR OF RISER AND CLEANOUT GATE; C. FRAME IS CLEAR OF CURB.
5. IF METAL OUTLET CONNECTS TO CEMENT CONCRETE PIPE, OUTLET PIPE TO HAVE SMOOTH O.D. EQUAL TO CONCRETE PIPE I.D. LESS 1/4 IN.
6. PROVIDE AT LEAST ONE 3 X 0.060 GAUGE SUPPORT BRAKET ANCHORED TO CDD CONCRETE WALL WITH 5/8 IN. STAINLESS STEEL EXPANSION BOLTS OR EMBEDDED SUPPORTS 2 IN. INTO M/H WALL (VERTICAL SPACING).
7. LOCATE ELBOW RESTRICTOR(S) AS NECESSARY TO PROVIDE MIN. CLEARANCE AS SHOWN.
8. LOCATE ADDITIONAL LADDER RUNGS IN STRUCTURES USED AS ACCESS TO TANKS OR VAULTS TO ALLOW ACCESS WHEN CATCH BASIN IS FILED WITH WATER.
9. SEE THE WSDOT/APWA STANDARD SPECIFICATIONS SECTION 9–05.15 FOR METAL CASTINGS REQUIREMENTS.

CITY OF NORTH BEND
FLOW RESTRICTOR TEE TYPE

APPROVED:		DWG. NO.
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NTS **Flow Restrictor Tee Type** 2



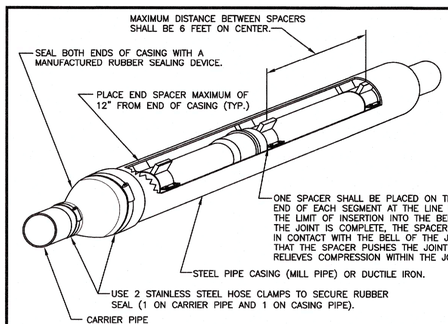
NOTES:

1. MATERIAL IS CAST IRON ASTM A48 CLASS 30.
2. DRILL AND TAP THREE 5/8 IN.–11 NC HOLES THROUGH FRAME AT 120° AND 11 1/16 IN. RADIUS.
3. SEE SEC. 7.05.
4. SEE THE WSDOT/APWA STANDARD SPECIFICATIONS SECTION 9–05.15 FOR METAL CASTINGS REQUIREMENTS.

CITY OF NORTH BEND
24" LOCKING MANHOLE FRAME

APPROVED:		DWG. NO.
MARK RIGOS, P.E. BY CITY	MAY 2018 DATE	SD–21

NTS **24 Inch Locking Manhole frame** 3



CARRIER PIPE DIAMETER	4"	6"	8"	10"	12"
CASING DIAMETER	10"	12"	14"	16"	20"
STEEL CASING THICKNESS	0.25"	0.25"	0.25"	0.25"	0.25"
SPACER BAND WIDTH	8"	8"	8"	8"	8"

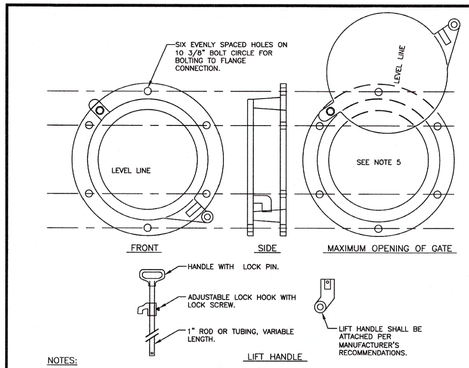
NOTES:

1. RUNNER HEIGHT SHALL BE SIZED TO PROVIDE:
   A. MIN. 0.75" BETWEEN CARRIER PIPE BELL AND CASING PIPE WALL AT ALL TIMES.
   B. MIN. 1.00" CLEARANCE BETWEEN RUNNERS AND TOP OF CASING WALL TO PREVENT JAMMING DURING UNSTALLATION.
2. MINIMUM RUNNER WIDTH SHALL BE 2 INCHES.
3. STEEL CASING DIAMETERS ARE "OUTSIDE DIAMETER" FOR 16" AND LARGER. .
4. SPACER BAND WIDTH SHALL BE 12" FOR CARRIER PIPES THAT ARE 36" DIAMETER OR GREATER.
5. FOR STEEL CASING, PROVIDE SHOP–APPLIED ANTI–CORROSIVE COATING ON CASING EXTERIOR CONFORMING TO AWWA 210. MINIMUM COATING 16 MILS DFT (DO NOT EXCEED MANUFACTURER'S MAXIMUM THICKNESS). PRODUCT SHALL BE EQUAL TO TNEMEC HI–BUILD TNEME–TAR SERIES 46H–413.

CITY OF NORTH BEND
CASING INSTALLATION

APPROVED:		DWG. NO.
MARK RIGOS, P.E. BY CITY	MAY 2018 DATE	SD–12

NTS **Casing Installation** 4



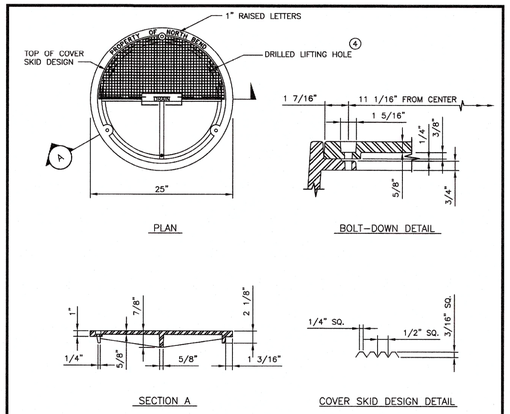
NOTES:

1. SHEAR GATE SHALL BE ALUMINUM ALLOY PER ASTM B–26–ZG–32a OR CAST IRON ASTM A48 CLASS 30B AS REQUIRED.
2. GATE SHALL BE 8 IN. DIAM. UNLESS OTHERWISE SPECIFIED.
3. GATE SHALL BE JOINED TO TEE SECTION BY BOLTING (THROUGH FLANGE), WELDING, OR OTHER SECURE MEANS.
4. LIFT ROD: AS SPECIFIED BY MFR. WITH HANDLE EXTENDING TO WITHIN ONE FOOT OF COVER AND ADJUSTABLE HOOK LOCK FASTENED TO FRAME OR UPPER HANDHOLD.
5. GATE SHALL NOT OPEN BEYOND THE CLEAR OPENING BY LIMITED HINGE MOVEMENT, STOP TAB, OR SOME OTHER DEVICE.
6. NEOPRENE RUBBER GASKET REQUIRED BETWEEN RISER MOUNTING FLANGE AND GATE FLANGE.
7. MATING SURFACES OF LID AND BODY TO BE MACHINED FOR PROPER FIT.
8. FLANGE MOUNTING BOLTS SHALL BE 3/8 IN. DIAM. STAINLESS STEEL.
9. ALTERNATE CLEANOUT/SHEAR GATES TO THE DESIGN SHOWN ARE ACCEPTABLE, PROVIDED THEY MEET THE MATERIAL SPECIFICATIONS ABOVE AND HAVE A SIX BOLT, 10 3/8 IN. BOLT CIRCLE FOR BOLTING TO THE FLANGE CONNECTION.
10. SEE THE WSDOT/APWA STANDARD SPECIFICATIONS SECTION 9–05.15 FOR METAL CASTINGS REQUIREMENTS.

CITY OF NORTH BEND
TEE SECTION
SHEAR GATE DETAIL

APPROVED:		DWG. NO.
MARK RIGOS, P.E. BY CITY	MAY 2018 DATE	SD–19

NTS **Tee Section Shear Gate** 5



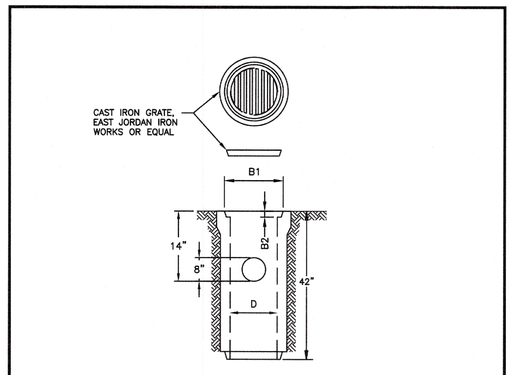
NOTES:

1. USE WITH THREE LOCKING BOLTS 5/8 IN.–11 NC STAINLESS TYPE 304 STEEL SOCKET HEAD (ALLEN HEAD) CAP SCREWS 2 IN. LONG. DRILL HOLES SPACED 120° AT 11 1/16 IN. RADIUS.
2. MATERIAL IS DUCTILE IRON ASTM A536 GRADE 80–55–06.
3. SEE SEC. 7.05.
4. DRILL THREE 1 IN. HOLES SPACED AT 120° AND 9 1/2 IN. RADIUS.
5. SEE THE WSDOT/APWA STANDARD SPECIFICATIONS SECTION 9–05.15 FOR METAL CASTINGS REQUIREMENTS.
6. ALL LIDS TO BE LOCKING UNLESS APPROVED OTHERWISE.

CITY OF NORTH BEND
24" LOCKING MANHOLE COVER

APPROVED:		DWG. NO.
MARK RIGOS, P.E. BY CITY	MAY 2018 DATE	SD–20

NTS **24 Inch Locking Manhole Cover** 6



D	B1	B2	FLAT GRATE
12"	16"	3.563"	6012M
15"	19.5"	3.563"	6015M
18"	23"	3.75"	6018M

NOTES:
1. GRATE SHOWN IS FLAT. BEEHIVE GRATE IS OPTIONAL.
2. PLACE CEMENT CONCRETE IN BOTTOM TO FORM FLOOR, IF DESIRED.
3. AREA DRAIN BODY IS MODIFIED CAST CONCRETE BELL/SPIGOT PIPE.
4. 18" CPEP, BASE WITH AN OLYMPIC FOUNDRY LID (PART NO. 10–1800) CAN BE USED AS AN ALTERNATIVE, WITH CITY OF NORTH BEND APPROVAL.

CITY OF NORTH BEND
TYPE 45 AREA DRAIN

APPROVED:		DWG. NO.
MARK RIGOS, P.E. BY CITY	MAY 2018 DATE	SD–22

NTS **Type 45 Area Drain** 7

CITY OF NORTH BEND PERMIT#_____

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10/14/24

CITY ENGINEER OR PUBLIC WORKS DIRECTOR — DATE

SCR | Architects
1221 E. Pike St. Suite 205
Seattle, WA 98122

GERALD A. JACOBSON — STATE OF WASHINGTON — 43667 — REGISTERED PROFESSIONAL ENGINEER — 10/04/2024

DRAWN BY: DJD/AJJ
CHECKED BY: SSE
APPROVED BY: SSE

PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT OWNER
SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
1919
ISSUE DATE
10-31-2024
CURRENT REVISION
BID SET
DRAWING PLOT DATE

REVISION	DATE

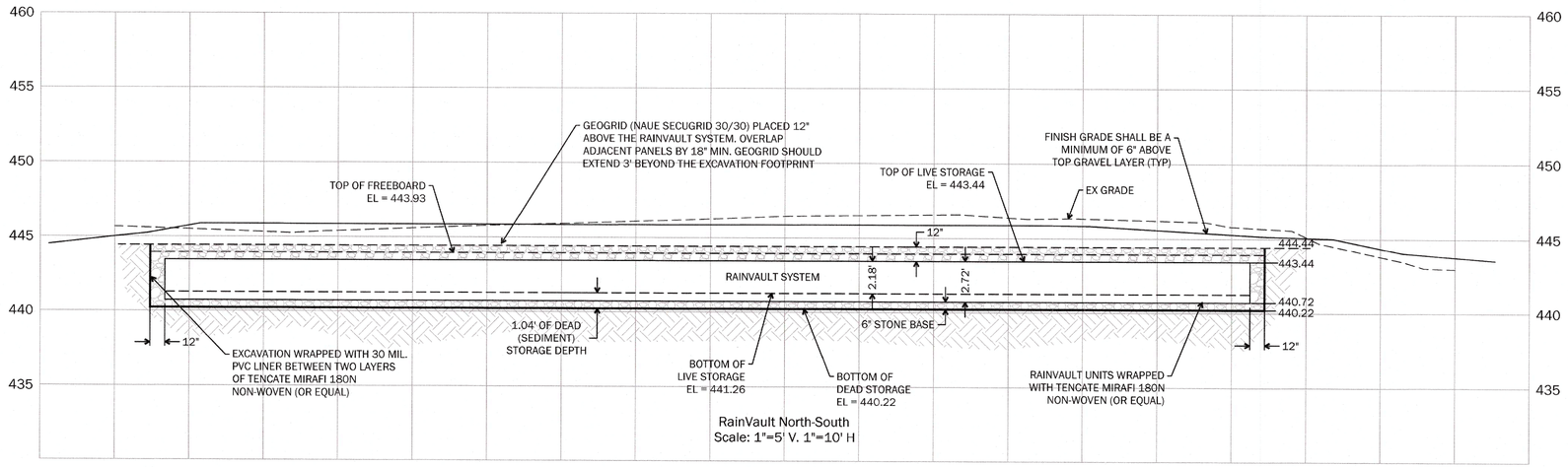
STORM DRAINAGE DETAILS

C411

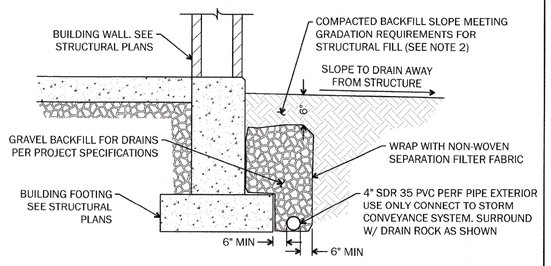
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NTS
RainVault Wrap and Excavation Envelope Detail 3

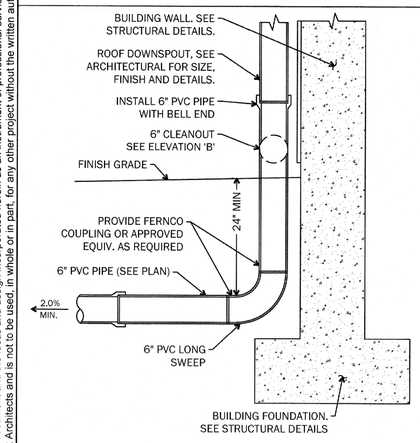


NOTES:

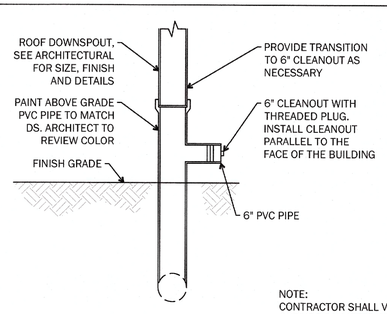
1. PIPE SHALL BE PLACED NO LOWER THAN 3" BELOW BOTTOM OF FOOTING
2. STRUCTURAL FILL SHALL MEET THE REQUIREMENTS OF SECTION 31 22 00 OF THE PROJECT SPECIFICATIONS

NTS
Footing Drain with Filter Fabric 4

NTS
RainVault Wrap and Excavation Envelope Detail 6



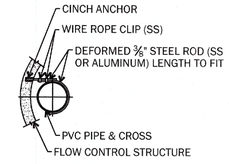
ELEVATION 'A'



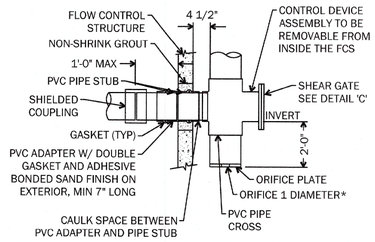
ELEVATION 'B'

NOTE:
CONTRACTOR SHALL VERIFY THAT OUTSIDE DIAMETER OF 6" SCH 10 GALVANIZED PIPE WILL FIT THE BELL END OF A 6" PVC PIPE WHEN ORDERING MATERIALS. INSTALL RUBBER GASKET

NTS
Downspout Connection with Tee Cleanout 10



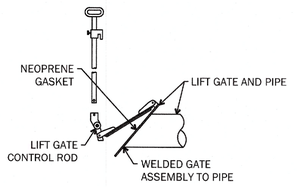
DETAIL A: PIPE SUPPORT DETAIL



DETAIL B: CONNECTION & CONTROL DEVICE

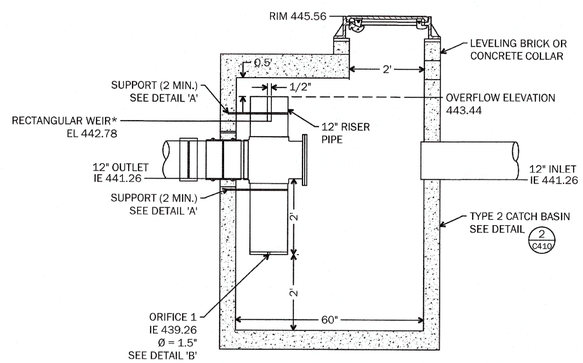
NOTES:

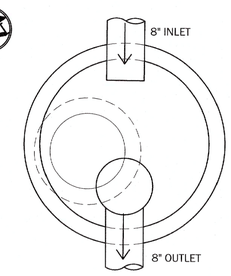
1. PVC PIPE MUST BE SCHEDULE 40, PER ASTM 1785.
2. *CONSTRUCTION DRAWINGS MUST PROVIDE ELEVATION AND DIAMETER FOR ORIFICE 1 AND DIMENSIONS AND ELEVATION FOR THE BOTTOM OF THE RECTANGULAR WEIR AND ELEVATION FOR OVERFLOW
3. FIELD CHANGES TO DETENTION PIPE INVERT AND SLOPE REQUIRE CONFIRMATION FROM THE ENGINEER OF RECORD THAT THE CONSTRUCTION DRAWING ELEVATIONS FOR THE FLOW CONTROL DEVICE ASSEMBLY STILL MEET THE DESIGN REQUIREMENTS.



DETAIL C: LIFT GATE ASSEMBLY

REFERENCE CITY OF NORTH BEND FLOW RESTRICTOR TEE TYPE DETAIL FOR ADDITIONAL INFORMATION. SEE DETAIL 2/C411.





SD B4 - CONTROL STRUCTURE

NTS
Control Structure 12

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THESE PLANS ARE APPROVED FOR CONFORMANCE WITH THE CITY OF NORTH BEND PUBLIC WORKS DEPARTMENT REQUIREMENTS TO THE BEST OF MY KNOWLEDGE.

12/14/24

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DONALD A. JACOBSEN — STATE OF WASHINGTON — 43667 — REGISTERED PROFESSIONAL ENGINEER
10/24/2024

DRAWN BY: DJD/AJJ
CHECKED BY: SSE
APPROVED BY: SSE

PROJECT NAME: EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS: SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
1919
ISSUE DATE
10-31-2024
CURRENT REVISION
BID SET
DRAWING PLOT DATE

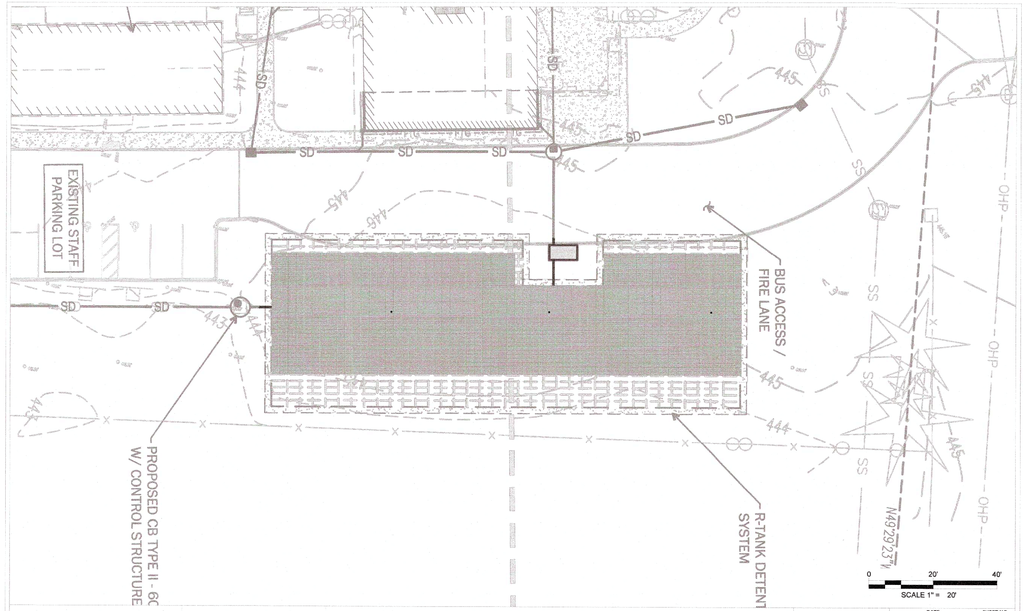
REVISION	DATE

STORM DRAINAGE DETAILS

C412

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RAINVAULT UNDERGROUND DETENTION SYSTEM
SYSTEM OVERLAY
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL
SNOQUALMIE, WA
SITE DESIGNATION: RAINVAULT NORTH-SOUTH

RAINVAULT SITE SPECIFIC DESIGN TO BE REVIEWED AND APPROVED BY ENGINEER OF RECORD PRIOR TO PRODUCT PURCHASE AND CONSTRUCTION.

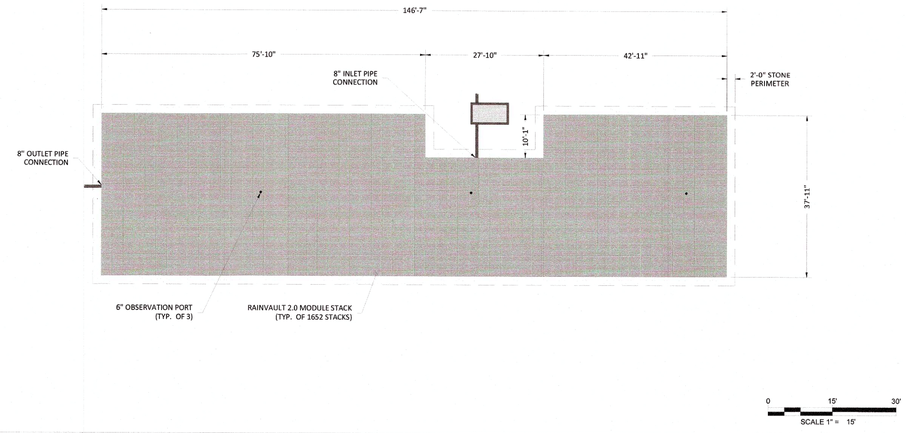
DATE 09/10/2024
DRAFTED BY EDQ
ACF WEST PROJECT NUMBER 24-008WA
SHEET NO. 1 of 5

NTS
RainVault System Overlay 1

RAINVAULT DESIGN INFORMATION

MODULE STACK CONFIGURATION:	2.0	TOTAL SYSTEM STORAGE VOLUME:	18,137 CF	TOP OF COVER STONE ELEVATION (12"):	444.44
NO. OF RAINVAULT MODULE STACKS:	1652	RAINVAULT MODULE STORAGE VOLUME:	13,629 CF	TOP OF MODULE ELEVATION:	443.44
DESIGN TRAFFIC LOADING:	NON-TRAFFIC	STONE STORAGE VOLUME (40% VOID RATIO):	4,508 CF	MODULE INVERT:	440.72
				STONE BASE INVERT (6"):	440.22

NOTES:
1. DEAD STORAGE VOLUME FROM ELEVATION 440.22 TO 440.72 = 1,213 CF
2. LIVE STORAGE VOLUME FROM ELEVATION ~~440.72~~ 441.26 TO ~~442.89~~ 443.44 = 11,549 CF



RAINVAULT UNDERGROUND DETENTION SYSTEM
DETAILED SYSTEM LAYOUT
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL
SNOQUALMIE, WA
SITE DESIGNATION: RAINVAULT NORTH-SOUTH

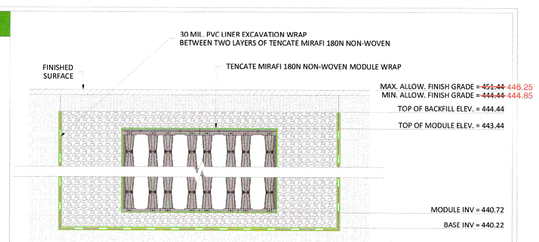
RAINVAULT SITE SPECIFIC DESIGN TO BE REVIEWED AND APPROVED BY ENGINEER OF RECORD PRIOR TO PRODUCT PURCHASE AND CONSTRUCTION.

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ACF WEST PROJECT NUMBER 24-008WA
SHEET NO. 2 of 5

NTS
RainVault System Layout 2

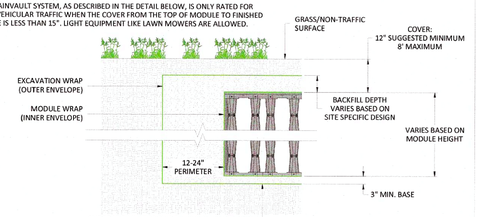
RAINVAULT MATERIAL QUANTITIES

MODULE STACK CONFIGURATION:	2.0
NO. OF RAINVAULT MODULE STACKS:	1652
NO. OF OBSERVATION PORTS:	3
NO. OF PIPE BOOTS:	2
TENCATE MIRAFI 180N NON-WOVEN MODULE WRAP:	13,350 SF (1,483 SY)
30 MIL. PVC LINER EXCAVATION WRAP:	8,949 SF (994 SY)
TENCATE MIRAFI 180N NON-WOVEN LINER CUSHION:	17,898 SF (1,989 SY)
EXCAVATION FOOTPRINT:	6,067 SF
STONE BACKFILL QUANTITY:	11,259 CF (417 CY)
NO. OF RV PANELS:	6608
NO. OF RV SIDE PLATES:	618
NO. OF RV CONNECTOR LUGS:	9,912
NO. OF RV CAP PLATES:	1652



RAINVAULT SYSTEM WRAP DETAIL
NOT TO SCALE

NON-TRAFFIC LOADING:
THE RAINVAULT SYSTEM, AS DESCRIBED IN THE DETAIL BELOW, IS ONLY RATED FOR NON-VEHICULAR TRAFFIC WHEN THE COVER FROM THE TOP OF MODULE TO FINISHED GRADE IS LESS THAN 15". LIGHT EQUIPMENT LIKE LAWN MOWERS ARE ALLOWED.



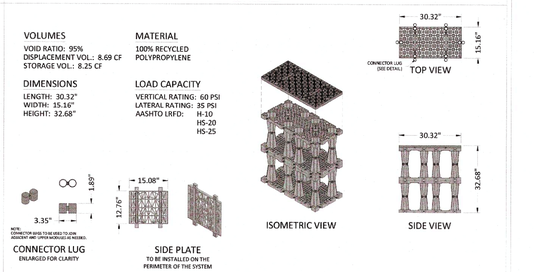
RAINVAULT H-10/GREEN SPACE LOADING DETAIL
NOT TO SCALE

VOLUMES
VOID RATIO: 95%
DISPLACEMENT VOL.: 8.69 CF
STORAGE VOL.: 8.25 CF

MATERIAL
100% RECYCLED POLYPROPYLENE

DIMENSIONS
LENGTH: 30.32"
WIDTH: 15.16"
HEIGHT: 32.68"

LOAD CAPACITY
VERTICAL RATING: 60 PSI
LATERAL RATING: 35 PSI
AASHTO LRFD: H-10, HS-20, HS-25



RAINVAULT 2.0 MODULE
NOT TO SCALE

RAINVAULT UNDERGROUND DETENTION SYSTEM
SYSTEM DETAILS
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL
SNOQUALMIE, WA
SITE DESIGNATION: RAINVAULT NORTH-SOUTH

RAINVAULT SITE SPECIFIC DESIGN TO BE REVIEWED AND APPROVED BY ENGINEER OF RECORD PRIOR TO PRODUCT PURCHASE AND CONSTRUCTION.

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SHEET NO. 3 of 5

NTS
RainVault System Details 3

NTS
Not Used 4

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DRAWN BY: DJD/AJJ
CHECKED BY: SSE
APPROVED BY: SSE

PROJECT NAME: EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL
PROJECT ADDRESS: SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO. 1919
ISSUE DATE 10-31-2024
CURRENT REVISION BID SET
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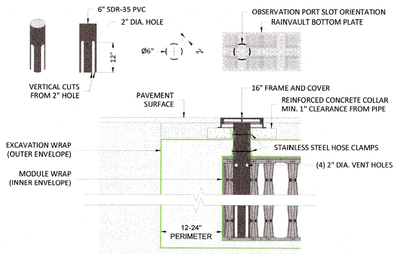
REVISION	DATE

STORM DRAINAGE DETAILS

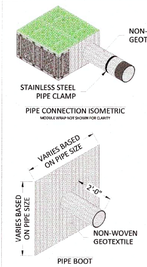
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RAINVAULT OBSERVATION PORT
NOT TO SCALE



RAINVAULT PIPE CONNECTION AND BOOT DETAIL
NOT TO SCALE

NOTES:
1. FOR 4" - 12" PIPES, THE MOLDED CUTOUTS IN THE SIDES PLATES CAN BE REMOVED TO PROVIDE OPEN FLOW INTO THE RAINVAULT SYSTEM.
2. FOR LARGER PIPES, REMOVE AND TRIM SIDE PLATES AS NECESSARY TO PROVIDE UNOBSTRUCTED FLOW OF STORMWATER INTO RAINVAULT SYSTEM.
3. INLET AND OUTLET PIPES CAN BE PLACED ANYWHERE ON THE EXTERIOR OF THE RAINVAULT SYSTEM.
4. GEOTEXTILE MODULE WRAP MUST BE REMOVED FROM THE OPEN AREA OF THE PIPE. INFLUENT AND EFFLUENT WATER MUST NOT DIRECTLY PASS THROUGH GEOTEXTILE.

RAINVAULT UNDERGROUND DETENTION SYSTEM

ACF WEST INC. GEOSYNTHETICS
FOR ADDITIONAL INFORMATION PLEASE CONTACT:
ACF WEST | 1-800-423-4567 | WWW.ACFWEST.COM

RAINVAULT UNDERGROUND DETENTION SYSTEM
SYSTEM DETAILS
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL
SNOQUALMIE, WA
SITE DESIGNATION: RAINVAULT NORTH-SOUTH

RAINVAULT SITE SPECIFIC DESIGN TO BE REVIEWED AND APPROVED BY ENGINEER OF RECORD PRIOR TO PRODUCT PURCHASE AND CONSTRUCTION.

DATE	SHEET NO.
09/10/2024	4 of 5
DRAFTED BY: EDQ	
ACF WEST PROJECT NUMBER: 24-008WA	

NTS
RainVault System Details 1

PART 1 - GENERAL

1.01 DESCRIPTION
A. THIS SECTION INCLUDES REQUIREMENTS FOR THE SUPPLY, INSTALLATION, AND COMMISSIONING OF THE RAINVAULT UNDERGROUND STORMWATER DETENTION SYSTEM, INCLUDING EXCAVATION AND BACKFILLING OF THE SYSTEM.
B. RAINVAULT IS AN UNDERGROUND MODULAR STORMWATER DETENTION SYSTEM DESIGNED TO CAPTURE AND TEMPORARILY DETAIN, RETAIN AND INFILTRATE, OR RETAIN AND STORE STORMWATER RUNOFF, ENSURING POST-DEVELOPMENT HYDRAULICS MIMIC THOSE OF THE PRE-EXISTING CONDITIONS TO REDUCE THE RISK OF DOWNSTREAM FLOODING.

1.02 REFERENCES
A. RELATED DOCUMENTS FROM THE PROJECT AND PRODUCT MANUFACTURER/S APPLY TO THIS SECTION:
1. PROJECT PLANS & DRAWINGS
2. TECHNICAL SPECIFICATIONS
3. PRODUCT INSTALLATION GUIDES
B. LOCAL BUILDING CODES AND REGULATIONS GOVERNING STORMWATER MANAGEMENT AND UNDERGROUND UTILITIES.

1.03 QUALITY CONTROL
A. TO ENSURE PROJECT INTEGRITY, ALL COMPONENTS SHALL BE MANUFACTURED IN ISO CERTIFIED FACILITIES.
B. INSTALLATION SHALL BE EXECUTED BY SKILLED TECHNICIANS WITH SUCCESSFUL PROJECT EXPERIENCE ON LARGE EARTHWORK OR STORMWATER PROJECTS OF SIMILAR SIZE.

1.04 SUBMITTALS
A. SUBMIT PRODUCT DATA, INCLUDING ISO CERTIFICATION AND ULTIMATE COMPRESSIVE STRENGTH
B. SUBMIT INSTALLATION INSTRUCTIONS.
C. ALTERNATE PRODUCT SUBMISSIONS MUST BE PROVIDED AND APPROVED PRIOR TO BID OPENING. ALL TESTING DATA MUST EXCEED PERFORMANCE LISTED IN TABLE 2.01 A4.

1.05 MATERIAL HANDLING
A. IF TIME BETWEEN DELIVERY AND INSTALLATION OF MATERIALS EXCEEDS 30 DAYS, USE A TARP OR SCRAP GEOTEXTILE TO COVER ALL MATERIALS TO PROTECT AGAINST UV DAMAGE.
B. IN COLD WEATHER (< 40 DEGREES FAHRENHEIT), PLASTIC MATERIALS ARE MORE BRITTLE AND MUST BE HANDLED WITH CARE. DO NOT INSTALL WHEN MATERIALS OR SUBGRADE ARE FROZEN.

PART 2 - PRODUCTS

2.01 MATERIALS
A. RAINVAULT MODULES:
1. THE RAINVAULT MODULES SHALL BE MADE OF RECYCLED POLYPROPYLENE (PP) MATERIAL CAPABLE OF MEETING THE LOADING REQUIREMENTS SPECIFIED WITHIN THIS DOCUMENT (SECTION 2.01 A4), AS DICTATED BY THE PROJECT LOADING REQUIREMENTS, AS WELL AS ALL LOCAL BUILDING CODES.
2. MODULES SHALL BE DESIGNED TO INTERLOCK SECURELY WITH ADJACENT MODULES FORMING AN OPEN STORAGE VAULT WITH NO INTERIOR OBSTRUCTIONS THAT WOULD LIMIT TRAVEL OF JET/VAC EQUIPMENT NEEDED TO MAINTAIN THE SYSTEM.
3. THE MODULES SHALL HAVE A MINIMUM STORAGE CAPACITY OF 32 GALLONS PER MODULE.
4. MODULES SHALL MEET THE FOLLOWING MINIMUM SPECIFICATION:

ITEM	DESCRIPTION	VALUE
VOID AREA	VOLUME AVAILABLE FOR WATER STORAGE	0.95
UNCONFINED CRUSH LOAD [VERTICAL]	ASTM D 2412 / ASTM F 2418	60 PSI
UNCONFINED CRUSH LOAD [LATERAL]	ASTM D 2412 / ASTM F 2418	35 PSI
SERVICE TEMPERATURE	SAFE TEMPERATURE RANGE	-14 - 167° F
RECYCLED CONTENT	USE OF GRADE 1 POST-INDUSTRIAL RECYCLED POLYPROPYLENE	100%
BIOLOGICAL AND CHEMICAL RESISTANCE	POTENTIAL FOR DETERIORATION	UNAFFECTED BY MOLD, ALGAE, SOIL-BORN CHEMICALS, BACTERIA, AND BITUMEN
MINIMUM COVER HS-20	REQUIRED COVER FOR HS-20 LOADING	15 INCHES (CONTACT ACF WEST FOR APPLICATIONS BETWEEN 12 - 15")
MINIMUM COVER HS-25	REQUIRED COVER FOR HS-25 LOADING	16 INCHES
MAXIMUM COVER	COVER DEPTH NOT TO EXCEED	8 FEET

5. RAINVAULT SUPPLIED BY: ACF WEST, INC; 15540 WOODINVILLE-REDMOND RD., WOODINVILLE, WASHINGTON 98072, (425) 415-6155

B. GEOTEXTILE FABRIC:
1. INNER ENVELOPE: GEOTEXTILE FABRIC SHALL BE USED TO ENVELOPE THE RAINVAULT SYSTEM TO PREVENT BACKFILL OR SOIL INTRUSION INTO THE SYSTEM.
2. OUTER ENVELOPE: GEOTEXTILE MAY BE USED AGAINST THE EXCAVATION FLOOR AND WALLS TO WRAP WASHED STONE BACKFILL TO REALIZE ADDITIONAL CAPACITY BEYOND THE MODULE VOLUME.
3. GEOTEXTILE FABRIC SHALL BE NONWOVEN POLYPROPYLENE WITH A NOMINAL WEIGHT OF 8 OZ/SY, SUCH AS GEOTEX 801 OR N-180.
4. THERE ARE OCCASIONS WHEN DIFFERENT GEOSYNTHETIC MATERIALS MAY BE SUBSTITUTED FOR THE NONWOVEN GEOTEXTILE:
i. FOR INFILTRATION APPLICATIONS, CONSIDER USING A WOVEN MONOFILAMENT GEOTEXTILE SUCH AS GEOTEX 111F OR FW-402 ON THE BOTTOM OF THE SYSTEM FOR BOTH INNER AND OUTER ENVELOPES.
ii. GEOMEMBRANE MATERIALS MAY BE USED ON THE BOTTOM AND SIDES OF THE SYSTEM (TYPICALLY REPLACING THE OUTER ENVELOPE) FOR STORMWATER HARVESTING APPLICATIONS THAT PREVENT GROUNDWATER INTRUSION INTO THE SYSTEM. USE 8 OZ/SY NONWOVEN GEOTEXTILE ON BOTH SIDES OF THE GEOMEMBRANE FOR ADDED PROTECTION OF THE LINER. RECOMMENDED GEOMEMBRANE MATERIALS INCLUDE:
ii.1. 30 MIL PVC
ii.2. 30 MIL LLDPE
5. SYSTEMS THAT INCLUDE A FIRST FLUSH FILTER SECTION REQUIRE A 300 LB WOVEN GEOTEXTILE SUCH AS GEOTEX 315ST BENEATH THE MODULES FOR SCOUR PROTECTION.

2.02 SYSTEM COMPONENTS
A. INLET AND OUTLET STRUCTURES:
1. PROVIDE PRE-FABRICATED INLET AND OUTLET STRUCTURES DESIGNED TO EFFICIENTLY CONVEY STORMWATER INTO AND OUT OF THE RAINVAULT SYSTEM.
2. INLET AND OUTLET STRUCTURES SHALL BE MANUFACTURED FROM CORROSION-RESISTANT MATERIALS AND DESIGNED TO MEET LOCAL STORMWATER MANAGEMENT REQUIREMENTS.
3. ALL INLET AND OUTLET PIPE CONNECTIONS TO THE RAINVAULT SYSTEM MUST BE COMPLETELY OPEN, FREE OF GEOTEXTILE OR MODULE SIDE PLATES THAT COULD INTERFERE WITH THE FLOW OF RUNOFF INTO THE SYSTEM.
B. MAINTENANCE PORTS:
1. PROVIDE VERTICAL PIPE SECTIONS (6" SDR-35 IS RECOMMENDED) CONNECTED TO THE TOP OF THE RAINVAULT TO ALLOW MAINTENANCE ACCESS INTO THE SYSTEM.
2. OPENINGS SHALL BE CUT ONLY INTO THE TOP PANEL OF THE RAINVAULT BETWEEN THE STRUCTURAL CONES.
3. PIPE MUST BE CUT AS SHOWN IN DRAWINGS TO ALLOW ACCESS INTO THE SYSTEM.
4. PIPE SHOULD REST ON THE BOTTOM PLATE OF THE RAINVAULT SYSTEM.

C. BASE, BACKFILL AND COVER MATERIALS:
1. ALL MATERIALS IMMEDIATELY SURROUNDING RAINVAULT MODULES MUST BE ANGULAR, LESS THAN 1.5" IN DIAMETER, AND FREE OF DEBRIS OR OTHER DISSIMILAR MATERIALS.
2. ACCEPTABLE MATERIALS INCLUDE THE CIRCLED MATERIALS FROM THE UNIFIED SOIL CLASSIFICATION SYSTEM:

MAJOR DIVISIONS			GROUP SYMBOL	GROUP NAME
COARSE GRAINED SOILS MORE THAN 50% RETAINED ON OR ABOVE NO.200 (0.075 mm) SIEVE	GRAVEL >50% OF COARSE FRACTION RETAINED ON NO.4 (4.75 MM) SIEVE	CLEAN GRAVEL <5% SMALLER THAN NO.200 SIEVE	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
			GP	POORLY GRADED GRAVEL
		GRAVEL WITH >12% FINES	GM	SILTY GRAVEL
			GC	CLAYEY GRAVEL
	SAND ≥50% OF COARSE FRACTION PASSES NO.4 (4.75 MM) SIEVE	CLEAN SAND	SW	WELL-GRADED SAND, FINE TO COARSE SAND
			SP	POORLY GRADED SAND
		SAND WITH >12% FINES	SM	SILTY SAND
			SC	CLAYEY SAND
FINE GRAINED SOILS 50% OR MORE PASSING THE NO.200 (0.075 mm) SIEVE	SILT AND CLAY LIQUID LIMIT < 50	INORGANIC	ML	SILT
			CL	LEAN CLAY
		ORGANIC	OL	ORGANIC SILT, ORGANIC CLAY
	SILT AND CLAY LIQUID LIMIT ≥ 50	INORGANIC	MH	ELASTIC SILT
			CH	FAT CLAY
		ORGANIC	OH	ORGANIC CLAY, ORGANIC SILT
HIGHLY ORGANIC SOILS			PT	PEAT

3. SANDY IN-SITU MATERIALS MEETING THESE REQUIREMENTS MAY BE USED IN LIEU OF IMPORT MATERIALS.

PART 3 - EXECUTION

3.01 INSTALLATION
A. PREPARATION:
1. ENSURE INSTALLATION AREA IS CLEAR, AND THAT CONSTRUCTION SEQUENCING WILL NOT REQUIRE HEAVY TRAFFIC TO ACCESS THE INSTALLATION AREA AFTER INSTALLATION OF THE RAINVAULT.
2. SURVEY THE AREA AND PROVIDE 5' OFFSET STAKES FOR ALL CORNERS. STAKES MAY BE NEEDED FOR BOTH THE EXCAVATION AND THE RAINVAULT MODULES.
3. AS A BEST PRACTICE, INSTALL ALL INLET AND OUTLET STRUCTURES PRIOR TO INSTALLING THE RAINVAULT SYSTEM.
B. EXCAVATION AND BASE:
1. EXCAVATE THE DESIGNATED AREA TO THE DIMENSIONS SPECIFIED IN THE PROJECT PLANS, ENSURING PROPER ALIGNMENT AND GRADE. EXCAVATION MUST EXCEED RAINVAULT DIMENSIONS BY AT LEAST 12-24" (PER PLANS) ON ALL SIDES TO ALLOW ROOM FOR BACKFILL.
2. SUBGRADE MUST PROVIDE A MINIMUM BEARING CAPACITY OF 2,000 LBS/SF PRIOR TO INSTALLING BASE MATERIALS AND/OR RAINVAULT. IF SUBGRADE IS PUMPING OR APPEARS EXCESSIVELY SOFT, CONSULT THE ENGINEER OF RECORD TO DETERMINE REMEDIATION REQUIREMENTS.
3. IF REQUIRED, PLACE GEOTEXTILE (PER PLANS) ON SUBGRADE AND INSTALL BASE MATERIALS (PER PLANS, WITH 3" MIN) UP TO RAINVAULT INVERT.
C. RAINVAULT INSTALLATION:
1. INSTALL THE GEOTEXTILE ENVELOPE ON THE BASE MATERIALS.
2. ASSEMBLE AND INSTALL THE RAINVAULT MODULES IN ACCORDANCE WITH THE PROJECT PLANS, MANUFACTURER'S INSTRUCTIONS, AND LOCAL BUILDING CODES.
3. USE THE SUPPLIED LUGS TO CONNECT ADJACENT UNITS AND VERTICAL LAYERS.
4. INSTALL CAPS ON ALL MODULES AND SIDE PLATES ON ALL PERIMETER MODULES.
5. CONNECT ALL INLET/OUTLET PIPES, ENSURING FREE FLOW BETWEEN PIPES AND MODULES.
6. INSTALL VERTICAL INSPECTION PORTS AS SHOWN ON PLANS.
7. WRAP GEOTEXTILE FABRIC AROUND MODULES, USING CARE AROUND PIPE PENETRATIONS TO PREVENT SOIL INTRUSION INTO THE RAINVAULT SYSTEM.
D. BACKFILL:
1. BACKFILL AS SHOWN IN THE RAINVAULT INSTALLATION GUIDE. ENSURE PROPER COMPACTION OF THE BACKFILL MATERIAL.
2. IF AN OUTER GEOTEXTILE FABRIC IS REQUIRED (INSTALLED IN STEP B 2 ABOVE), WRAP THIS OVER THE BACKFILL USING CARE AROUND PIPE PENETRATIONS TO PREVENT SOIL INTRUSION INTO THE BACKFILL.
3. CONTINUE PLACING QUALITY FILL MATERIALS AS REQUIRED IN PROJECT PLANS. IF TOTAL COVER MUST EXCEED 8', NOTIFY YOUR RAINVAULT REPRESENTATIVE IMMEDIATELY.

3.02 COMMISSIONING
A. INSPECT ALL PIPE CONNECTIONS TO ENSURE NO GEOTEXTILE OR PERIMETER PLATES COULD IMPEDE THE FLOW OF RUNOFF ARE PRESENT BETWEEN THE PIPE AND THE RAINVAULT.
B. ENSURE ALL PRE-TREATMENT SYSTEMS, IF REQUIRED, HAVE BEEN INSTALLED PRIOR TO COMMISSIONING THE SYSTEM.
C. IF CONSTRUCTION ACTIVITIES ARE ON-GOING, ENSURE ALL INLET PROTECTION DEVICES ARE INSTALLED AND PROPERLY MAINTAINED UNTIL THE SITE IS FULLY STABILIZED. IT IS NEVER RECOMMENDED TO USE THE RAINVAULT AS A SEDIMENT TRAP DURING CONSTRUCTION. COMMISSIONING OF THE SYSTEM SHOULD ONLY BE PERFORMED WHEN THE SITE IS FULLY STABILIZED AND ALL PRE-TREATMENT SYSTEMS HAVE BEEN INSTALLED.

3.03 PROTECTION AND CLEANUP
A. REMOVE ALL DEBRIS AND EXCESS MATERIALS FROM THE CONSTRUCTION AREA UPON COMPLETION OF THE RAINVAULT INSTALLATION.
B. FENCE OFF VAULT AREA TO PREVENT HEAVY CONSTRUCTION TRAFFIC FROM PASSING OVER THE SYSTEM, AS THIS COULD DAMAGE THE MODULES.

PART 4 - MAINTENANCE

4.01 MAINTENANCE REQUIREMENTS
A. THE RAINVAULT SYSTEM SHOULD BE INSPECTED QUARTERLY THROUGHOUT THE FIRST YEAR OF SERVICE, AND SEMI-ANNUALLY THEREAFTER.
B. WHEN SEDIMENT WITHIN THE RAINVAULT REACHES 6" IN DEPTH, BACKFLUSH THE SYSTEM USING STANDARD EQUIPMENT. BEGINNING FURTHEST FROM THE SYSTEM, VACUUM THE FOLLOWING COMPONENTS:
a. INLETS CONTRIBUTING RUNOFF TO THE RAINVAULT
b. PRE-TREATMENT SYSTEMS
c. INLET AND OUTLET CONNECTIONS
d. MAINTENANCE PORTS IN THE FIRST FLUSH FILTER AREA (IF APPLICABLE)
e. MAINTENANCE PORTS OUTSIDE OF THE FIRST FLUSH FILTER AREA
C. DISPOSE OF REMOVED POLLUTANTS AS REQUIRED BY LOCAL REGULATIONS.

RAINVAULT UNDERGROUND DETENTION SYSTEM

ACF WEST INC. GEOSYNTHETICS
FOR ADDITIONAL INFORMATION PLEASE CONTACT:
ACF WEST | 1-800-423-4567 | WWW.ACFWEST.COM

RAINVAULT UNDERGROUND DETENTION SYSTEM
NARRATIVE SPECIFICATION
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL
SNOQUALMIE, WA
SITE DESIGNATION: RAINVAULT NORTH-SOUTH

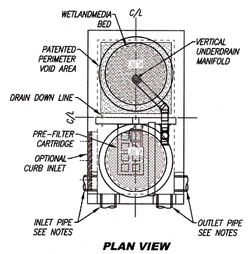
RAINVAULT SITE SPECIFIC DESIGN TO BE REVIEWED AND APPROVED BY ENGINEER OF RECORD PRIOR TO PRODUCT PURCHASE AND CONSTRUCTION.

DATE	SHEET NO.
09/10/2024	5 of 5
DRAFTED BY: EDQ	
ACF WEST PROJECT NUMBER: 24-008WA	

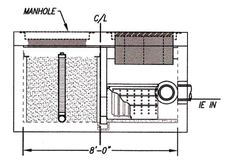
NTS
RainVault Narrative Specification 2

SITE SPECIFIC DATA			
PROJECT NUMBER		TBD	
PROJECT NAME		TWO RIVERS SCHOOL	
PROJECT LOCATION		330 BALLARAT AVE N	
STRUCTURE ID		SD A1	
TREATMENT REQUIRED			
TREATMENT FLOW (CFS)			0.134
PRETREATMENT LOADING RATE (GPM/SF)			2.1 GPM/SF
WETLAND MEDIA LOADING RATE (GPM/SF)			1.0
PEAK BYPASS REQUIRED (CFS) – IF APPLICABLE			OFFLIN
PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE 1	420.10	HDPE	8"
INLET PIPE 2			
OUTLET PIPE	441.60	HDPE	8"
	PRETREATMENT	BIOFILTRATION	DISCHARGE
RIM ELEVATION		446.50	
SURFACE LOAD	PEDESTRIAN		
NOTES:			

* PRELIMINARY ONLY - NOT FOR CONSTRUCTION



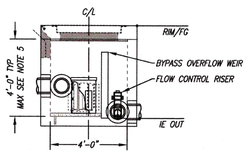
PLAN VIEW



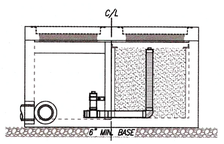
LEFT END VIEW

INSTALLATION NOTES

1. CONTRACTOR TO PROVIDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO OFFLOAD AND INSTALL THE SYSTEM AND APPURTENANCES IN ACCORDANCE WITH THIS DRAWING AND THE MANUFACTURER'S SPECIFICATIONS, UNLESS OTHERWISE STATED IN MANUFACTURER'S CONTRACT.
2. UNIT MUST BE INSTALLED ON LEVEL BASE. MANUFACTURER RECOMMENDS A MINIMUM 6" LEVEL ROCK BASE UNLESS SPECIFIED BY THE PROJECT ENGINEER. CONTRACTOR IS RESPONSIBLE FOR VERIFYING PROJECT ENGINEER'S RECOMMENDED BASE SPECIFICATIONS.
3. CONTRACTOR TO SUPPLY AND INSTALL ALL EXTERNAL CONNECTING PIPES. ALL PIPES MUST BE FLUSH WITH INSIDE SURFACE OF CONCRETE (PIPES CANNOT INTRUDE BEYOND FLUSH). INVERT OF OUTFLOW PIPE MUST BE FLUSH WITH DISCHARGE CHAMBER FLOOR. ALL PIPES SHALL BE SEALED WATERTIGHT PER MANUFACTURER'S STANDARD CONNECTION DETAIL.
4. CONTRACTOR RESPONSIBLE FOR CONTACTING CONTECH FOR ACTIVATION OF UNIT. MANUFACTURER'S WARRANTY IS VOID WITHOUT PROPER ACTIVATION BY A CONTECH REPRESENTATIVE.
5. VERTICAL HEIGHT VARIES BASED ON SITE SPECIFIC REQUIREMENTS.



ELEVATION VIEW



RIGHT END VIEW

MODULAR WETLANDS
FOR PATENT INFORMATION, GO TO www.ContechES.com/IP

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www.ContechEB.com

MWS-L-4-8-V-UG
STORMWATER BIOFILTRATION SYSTEM
STANDARD DETAIL

NTS
Modular Wetland Vault (SD A1) 3

CITY OF NORTH BEND PERMIT#

THESE PLANS ARE APPROVED FOR CONFORMANCE WITH THE CITY OF NORTH BEND PUBLIC WORKS DEPARTMENT REQUIREMENTS TO THE BEST OF MY KNOWLEDGE.

10/14/24

CITY ENGINEER OR PUBLIC WORKS DIRECTOR / DATE

NTS
Not Used 4

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Seattle, WA 98122

REGISTERED PROFESSIONAL ENGINEER — STATE OF WASHINGTON — 43667 — JEFFREY A. J. ACOBS — 10/04/2024

DRAWN BY: DJD/AJJ
CHECKED BY: SSE
APPROVED BY: SSE

PROJECT NAME: EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL
PROJECT ADDRESS: SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO. 1919
ISSUE DATE 10-31-2024
CURRENT REVISION BID SET
DRAWING PLOT DATE

REVISION	DATE

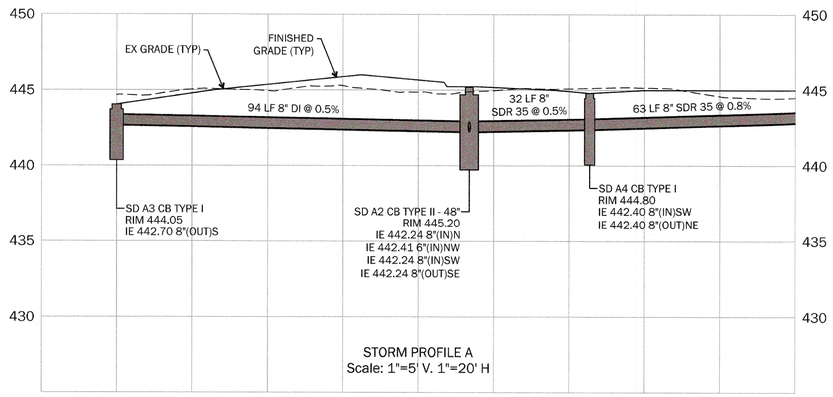
STORM DRAINAGE DETAILS

C414

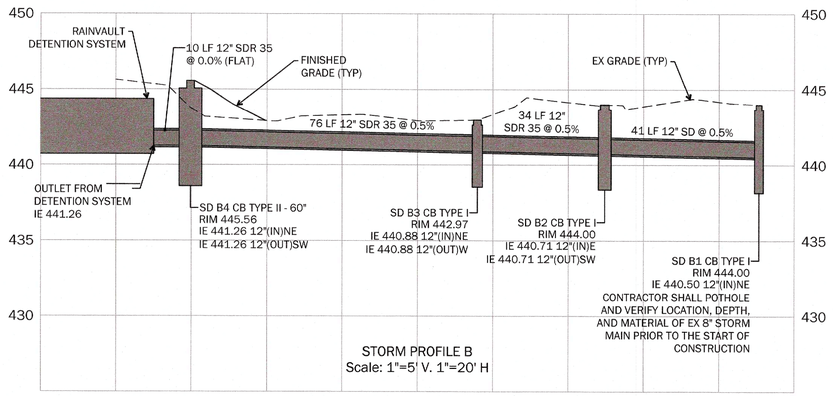
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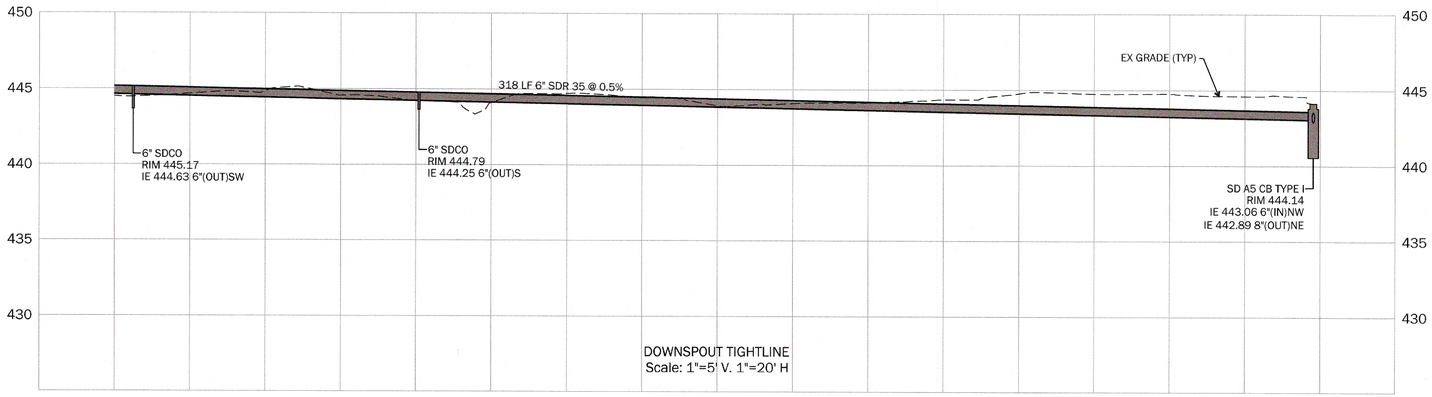
NE1/4 OF SECTION 09, TOWNSHIP 23 NORTH, RANGE 08 EAST, W.M.



STORM PROFILE A
Scale: 1"=5' V. 1"=20' H



STORM PROFILE B
Scale: 1"=5' V. 1"=20' H



DOWNSPOUT TIGHTLINE
Scale: 1"=5' V. 1"=20' H

CITY OF NORTH BEND PERMIT#_____

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12/19/24

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Seattle, WA 98122



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PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
1919
ISSUE DATE
10-31-2024
CURRENT REVISION
BID SET
DRAWING PLOT DATE

REVISION	DATE

DRAINAGE PROFILES

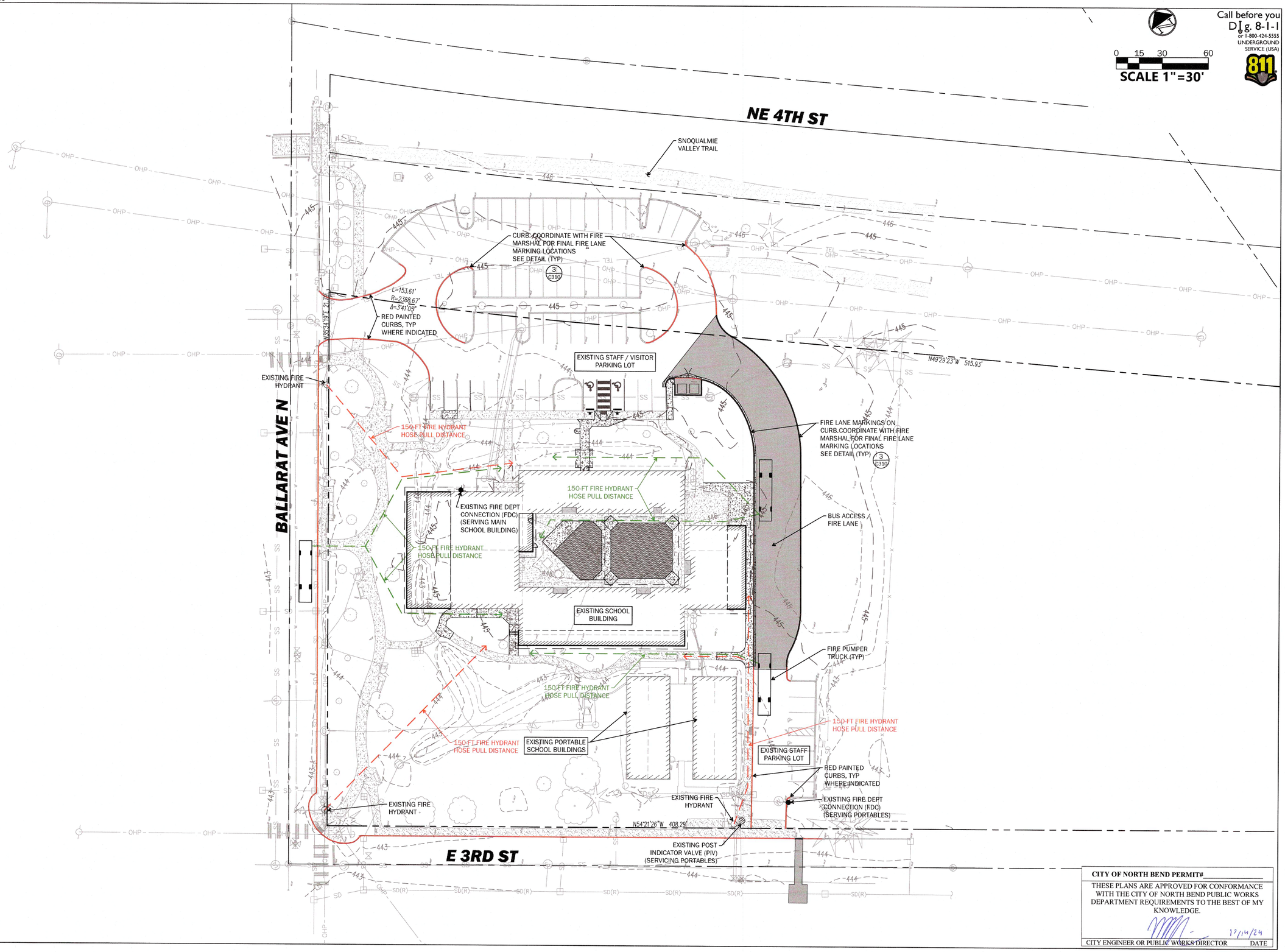
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NE1/4 OF SECTION 09, TOWNSHIP 23 NORTH, RANGE 08 EAST, W.M.



0 15 30 60
SCALE 1"=30'

Call before you Dig. 8-1-1 or 1-800-424-5555 UNDERGROUND SERVICE (USA)

811

SCR | Architects
1221 E. Pike St. Suite 205
Seattle, WA 98122

GERALD A. JACOBSON
STATE OF WASHINGTON
43667
REGISTERED PROFESSIONAL ENGINEER
10/08/2024

DRAWN BY: DJD/AJJ
CHECKED BY: SSE
APPROVED BY: SSE

PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
1919

ISSUE DATE
10-31-2024

CURRENT REVISION
BID SET

DRAWING PLOT DATE

REVISION	DATE

OVERALL FIRE PLAN

C500

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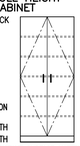
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CASEWORK SCHEDULE

SF FULL HEIGHT CABINET

PROVIDE LOCK

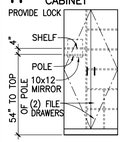


TYPE	WIDTH	DEPTH	HEIGHT
SF1	30"	24"	84"
SF2	36"	24"	84"
SF3	42"	24"	84"

ⓜ ADD LIP ON SHELVES
○ 12" DEPTH
● 18" DEPTH
▼ CHEM-RESISTANT SURFACE MATERIAL

TF FULL HEIGHT CABINET

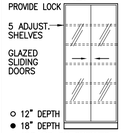
PROVIDE LOCK



TYPE	WIDTH	DEPTH	HEIGHT
TF1	30"	24"	84"
TF2	36"	24"	84"
TF3	42"	24"	84"
TF4	48"	24"	84"

UF FULL HEIGHT CABINET

PROVIDE LOCK

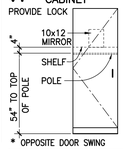


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UF2	36"	24"	84"
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● 18" DEPTH
ⓜ ADD LIP ON SHELVES

VF FULL HEIGHT CABINET

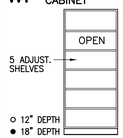
PROVIDE LOCK



TYPE	WIDTH	DEPTH	HEIGHT
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VF2	18"	24"	84"
VF3	21"	24"	84"
VF4	24"	24"	84"
VF5	30"	24"	84"
VF6	36"	24"	84"
VF7	9"	18"	84"
VF8	15"	30"	84"

* OPPOSITE DOOR SWING

WF FULL HEIGHT CABINET

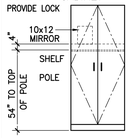


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WF4	24"	24"	84"
WF5	30"	24"	84"
WF6	36"	24"	84"
WF7	42"	24"	84"
WF8	42"	24"	84"

○ 12" DEPTH
● 18" DEPTH
ⓜ ADD LIP ON SHELVES

WDF FULL HEIGHT CABINET

PROVIDE LOCK

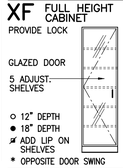


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WDF4	48"	24"	84"
WDF6	48"	30"	84"

ⓜ ADD LIP ON SHELVES
○ 12" DEPTH
● 18" DEPTH
▼ CHEM-RESISTANT SURFACE MATERIAL

XF FULL HEIGHT CABINET

PROVIDE LOCK

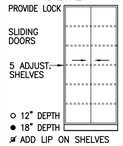


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XF3	21"	24"	84"
XF4	24"	24"	84"

○ 12" DEPTH
● 18" DEPTH
ⓜ ADD LIP ON SHELVES
* OPPOSITE DOOR SWING

YF FULL HEIGHT CABINET

PROVIDE LOCK



TYPE	WIDTH	DEPTH	HEIGHT
YF1	30"	24"	84"
YF2	36"	24"	84"
YF3	42"	24"	84"
YF4	48"	24"	84"
YF6	30"	36"	84"
YF7	36"	36"	84"
YF8	42"	36"	84"
YF9	48"	36"	84"

○ 12" DEPTH
● 18" DEPTH
ⓜ ADD LIP ON SHELVES

TTA TOTE TRAY STORAGE



TRAYS SIZE: 14"X20"X4½"
TTA1 – 10 TRAYS TOTAL
TTA2 – 8 TRAYS TOTAL

TYPE	WIDTH	DEPTH	HEIGHT
TTA1	36"	24"	36"
TTA2	36"	24"	30"

TTB TOTE TRAY STORAGE



15 TRAYS: 12 1/2"X4"X19"

TYPE	WIDTH	DEPTH	HEIGHT
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TTC TOTE TRAY STORAGE

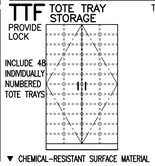


20 TRAYS: 9"X4"X12"

TYPE	WIDTH	DEPTH	HEIGHT
TTC1	40"	14"	31"

TTF TOTE TRAY STORAGE

PROVIDE LOCK

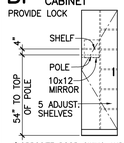


▼ CHEMICAL-RESISTANT SURFACE MATERIAL

TYPE	WIDTH	DEPTH	HEIGHT
TTF1	48"	24"	84"

BF FULL HEIGHT CABINET

PROVIDE LOCK

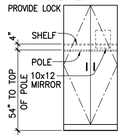


* OPPOSITE DOOR SWING AND INTERNAL CONFIGURATION

TYPE	WIDTH	DEPTH	HEIGHT
BF1	24"	24"	84"

CF FULL HEIGHT CABINET

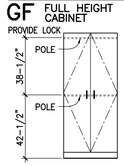
PROVIDE LOCK



TYPE	WIDTH	DEPTH	HEIGHT
CF1	30"	24"	84"
CF2	36"	24"	84"
CF3	42"	24"	84"
CF4	48"	24"	84"

GF FULL HEIGHT CABINET

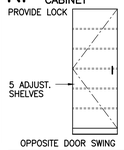
PROVIDE LOCK



TYPE	WIDTH	DEPTH	HEIGHT
GF1	36"	24"	84"
GF2	48"	24"	84"

RF FULL HEIGHT CABINET

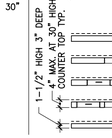
PROVIDE LOCK



OPPOSITE DOOR SWING

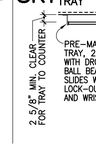
TYPE	WIDTH	DEPTH	HEIGHT
RF1	15"	24"	84"
RF2	18"	24"	84"
RF3	21"	24"	84"
RF4	24"	24"	84"

AP APRON (OPEN UNDER)



TYPE	DEPTH	NOTES
AP1	AS REQ.	NO DRAWER
AP2	"	1 DRAWER
AP3	"	2 DRAWER
AP4	"	3 DRAWER
AP6	"	NO DRAWER

SKT SLIDING KEYBOARD TRAY



TYPE	WIDTH	DEPTH
SKT	21"	AS REQ'D

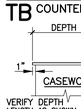
TA COUNTER TOP



VERIFY DEPTH
LENGTH AS SHOWN ON PLANS
▽ 1/4" TEMPERED HARDBOARD
Ŧ GALVANIZED STEEL
▼ CHEMICAL-RESISTANT SURFACE MATERIAL
○ PROVIDE SUPPORT BRACKET PER MFR. RECOMMENDATIONS

TYPE	DEPTH	NOTES
TA1	25"	
TA2	31"	
TA3	25"	W/6" SPLASH
TA4	31"	W/6" SPLASH
TA5	37"	
TA5	21"	
TA8	27"	
TA9	33"	

TB COUNTER TOP



VERIFY DEPTH
LENGTH AS SHOWN ON PLANS
▽ 1/4" TEMPERED HARDBOARD
Ŧ GALVANIZED STEEL
▼ CHEMICAL-RESISTANT SURFACE MATERIAL
○ PROVIDE SUPPORT BRACKETS PER MFR. RECOMMENDATIONS

TYPE	DEPTH	NOTES
TB1	7"	
TB2	13"	
TB3	15"	
TB4	25"	
TB5	31"	
TB6	28"	
TB7	19"	
TB8	27"	
TB9	33"	

TC COUNTER TOP



VERIFY DEPTH
LENGTH AS SHOWN ON PLANS
▽ 1/4" TEMPERED HARDBOARD
Ŧ GALVANIZED STEEL
▼ CHEMICAL-RESISTANT SURFACE MATERIAL
○ PROVIDE SUPPORT BRACKETS PER MFR. RECOMMENDATIONS

TYPE	DEPTH	NOTES
TC1	22"	
TC2	24"	
TC3	32"	
TC4	38"	
TC5	44"	
TC6	50"	
TC8	15"	
TC9	12"	

TD COUNTER TOP

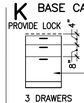


VERIFY DEPTH
LENGTH AS SHOWN ON PLANS
▽ 1/4" TEMPERED HARDBOARD
Ŧ GALVANIZED STEEL
▼ CHEMICAL-RESISTANT SURFACE MATERIAL
○ PROVIDE SUPPORT BRACKETS PER MFR. RECOMMENDATIONS

TYPE	DEPTH	NOTES
TD1	25"	
TD2	31"	
TD3	28"	

K BASE CABINET

PROVIDE LOCK



3 DRAWERS

□ 40" HEIGHT
◑ 42" HEIGHT – 4 DRAWERS

TYPE	WIDTH	DEPTH	HEIGHT
K1	15"	24"	30"
K2	21"	24"	30"
K4	24"	24"	34"
K5	18"	24"	34"
K7	15"	30"	30"
K9	15"	18"	34"

L BASE CABINET



30" HEIGHT – 4 DRAWERS
36" HEIGHT – 5 DRAWERS
42" HEIGHT – 6 DRAWERS

◑ 42" HEIGHT
■ SEE PLAN FOR HEIGHT
▼ CHEMICAL-RESISTANT SURFACE MATERIAL

TYPE	WIDTH	DEPTH	HEIGHT
L1	15"	24"	36"
L2	18"	24"	36"
L3	21"	24"	36"
L4	24"	24"	36"
L5	12"	18"	36"
L6	15"	24"	30"
L7	18"	24"	30"
L8	21"	24"	30"
L9	24"	24"	30"

N BASE CABINET



2 FILE DRAWERS

42" HEIGHT –
3 FILE DRAWERS

	TYPE	WIDTH	DEPTH	HEIGHT
LEGAL	N1	18"	24"	34"
	N2	18"	24"	42"
	N3	18"	24"	40"
LETTER	N4	15"	24"	30"
	N5	15"	24"	42"
HORIZ.	N7	24"	24"	34"
	N8	24"	24"	42"

O BASE CABINET



◇ 24" HEIGHT
□ 40" HEIGHT
◑ 42" HEIGHT
■ SEE PLAN FOR HEIGHT

TYPE	WIDTH	DEPTH	HEIGHT
O1	30"	24"	36"
O2	36"	24"	36"
O3	42"	24"	36"
O6	30"	24"	30"
O7	36"	24"	30"
O8	42"	24"	30"

P BASE CABINET



30" HEIGHT – 4 DRAWERS
36" HEIGHT – 5 DRAWERS
42" HEIGHT – 6 DRAWERS

◈ 28" HEIGHT – 4 DRAWERS
■ SEE PLAN FOR HEIGHT

TYPE	WIDTH	DEPTH	HEIGHT
P1	30"	24"	36"
P2	36"	24"	36"
P3	42"	24"	36"
P5	42"	30"	36"
P6	30"	24"	30"
P7	36"	24"	30"
P8	42"	24"	30"

Q BASE CABINET

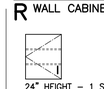


30" HEIGHT – 4 DRAWERS
36" HEIGHT – 5 DRAWERS
42" HEIGHT – 6 DRAWERS

◈ 28" HEIGHT – 4 DRAWERS
■ SEE PLAN FOR HEIGHT

TYPE	WIDTH	DEPTH	HEIGHT
Q1	30"	24"	36"
Q2	36"	24"	36"
Q3	42"	24"	36"
Q6	30"	24"	30"
Q7	36"	24"	30"
Q8	42"	24"	30"
Q10	42"	30"	30"

R WALL CABINET

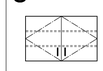


24" HEIGHT – 1 SHELF

◈ 14" DEPTH
◑ 16" DEPTH
* OPPOSITE DOOR SWING
▼ CHEMICAL-RESISTANT SURFACE MATERIAL

TYPE	WIDTH	DEPTH	HEIGHT
R1	15"	12"	30"
R2	18"	12"	30"
R3	21"	12"	30"
R4	24"	12"	30"
R6	15"	12"	24"
R7	18"	12"	24"
R8	21"	12"	24"
R9	24"	12"	24"

S WALL CABINET

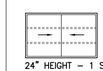


◈ 24" HEIGHT – 1 SHELF
◈ 20" HEIGHT – 1 SHELF
◈ 18" HEIGHT – 1 SHELF

◈ 14" DEPTH
◑ 16" DEPTH
▼ CHEMICAL-RESISTANT SURFACE MATERIAL

TYPE	WIDTH	DEPTH	HEIGHT
S1	30"	12"	30"
S2	36"	12"	30"
S3	48"	12"	30"
S6	30"	12"	24"
S7	36"	12"	24"
S8	42"	12"	24"

U WALL CABINET



◈ 24" HEIGHT – 1 SHELF
◈ 20" HEIGHT – 1 SHELF
□ 42" HEIGHT

◈ 14" DEPTH
◑ 16" DEPTH

TYPE	WIDTH	DEPTH	HEIGHT
U1	30"	12"	30"
U2	36"	12"	30"
U3	42"	12"	30"
U6	30"	12"	24"
U7	36"	12"	24"
U8	42"	12"	24"

A BASE CABINET

PROVIDE LOCK



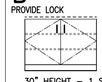
30" HEIGHT – 1 SHELF

◇ 24" HEIGHT
□ 40" HEIGHT
■ SEE PLAN FOR HEIGHT
* OPPOSITE DOOR SWING

TYPE	WIDTH	DEPTH	HEIGHT
A1	15"	24"	30"
A2	18"	24"	30"
A3	21"	24"	30"
A4	24"	24"	30"
A5	15"	24"	34"
A6	15"	30"	30"
A7	18"	30"	30"
A8	15"	18"	34"
A9	24"	24"	36"
A10	15"	30"	36"
A11	24"	42"	36"
A12	15"	30"	36"

B BASE CABINET

PROVIDE LOCK



30" HEIGHT – 1 SHELF

◇ 24" HEIGHT
□ 40" HEIGHT
■ SEE PLAN FOR HEIGHT
* OPPOSITE DOOR SWING
▼ CHEMICAL-RESISTANT SURFACE MATERIAL

TYPE	WIDTH	DEPTH	HEIGHT
B1	30"	24"	36"
B2	36"	24"	36"
B3	42"	24"	36"
B5	36"	24"	34"
B6	30"	24"	34"
B8	36"	18"	34"
B9	30"	18"	34"

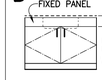
C BASE CABINET



◇ 24" HEIGHT
□ 40" HEIGHT
■ SEE PLAN FOR HEIGHT
* OPPOSITE DOOR SWING
▼ CHEMICAL-RESISTANT SURFACE MATERIAL

TYPE	WIDTH	DEPTH	HEIGHT
C1	15"	24"	36"
C2	18"	24"	36"
C3	21"	24"	36"
C4	24"	24"	36"
C6	15"	24"	30"
C7	18"	24"	30"
C8	21"	24"	30"
C9	24"	24"	30"

D BASE CABINET



◇ 24" HEIGHT
□ 40" HEIGHT
◑ 42" HEIGHT
■ SEE PLAN FOR HEIGHT
▼ CHEMICAL-RESISTANT SURFACE MATERIAL

TYPE	WIDTH	DEPTH	HEIGHT
D1	30"	24"	34"
D4	30"	24"	36"
D6	30"	24"	30"
D7	36"	24"	30"
D8	42"	24"	30"
D9	48"	24"	30"

E BASE CABINET



◇ 24" HEIGHT
□ 40" HEIGHT
◑ 42" HEIGHT
■ SEE PLAN FOR HEIGHT
* OPPOSITE DOOR SWING
▼ CHEMICAL-RESISTANT SURFACE MATERIAL

TYPE	WIDTH	DEPTH	HEIGHT
E1	15"	24"	36"
E2	18"	24"	36"
E3	21"	24"	36"
E4	24"	24"	36"
E6	15"	24"	30"
E7	18"	24"	30"
E8	21"	24"	30"
E9	24"	24"	30"

F BASE CABINET



◇ 24" HEIGHT
□ 40" HEIGHT
◑ 42" HEIGHT
■ SEE PLAN FOR HEIGHT
* OPPOSITE DOOR SWING
▼ CHEMICAL-RESISTANT SURFACE MATERIAL

TYPE	WIDTH	DEPTH	HEIGHT
F1	30"	24"	34"
F2	36"	24"	34"
F4	48"	24"	36"
F6	30"	24"	30"
F7	36"	24"	30"
F8	42"	24"	30"
F9	42"	24"	30"

G BASE CABINET



◇ 24" HEIGHT
□ 40" HEIGHT
◑ 42" HEIGHT
■ SEE PLAN FOR HEIGHT

TYPE	WIDTH	DEPTH	HEIGHT
G1	15"	24"	36"
G2	18"	24"	36"
G3	21"	24"	36"
G4	24"	24"	36"
G6	15"	24"	30"
G7	18"	24"	30"
G8	21"	24"	30"
G9	24"	24"	30"

H BASE CABINET



◇ 24" HEIGHT
□ 40" HEIGHT
◑ 42" HEIGHT
■ SEE PLAN FOR HEIGHT
▼ CHEMICAL-RESISTANT SURFACE MATERIAL

TYPE	WIDTH	DEPTH	HEIGHT
H1	30"	24"	36"
H2	36"	24"	36"
H3	48"	24"	36"
H4	30"	24"	34"
H6	30"	24"	30"
H7	36"	24"	30"
H8	42"	24"	30"

J BASE CABINET



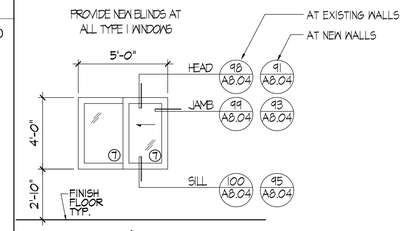
30" HEIGHT – 1 SHELF
○ 12" DEPTH
◈ 16" DEPTH
● 18" DEPTH
◓ 38" HEIGHT – 2 SHELVES
□ 40" HEIGHT – 2 SHELVES
◑ 42" HEIGHT – 2 SHELVES

TYPE	WIDTH	DEPTH	HEIGHT
J1	15"	24"	36"
J2	18"	24"	36"
J3	21"	24"	36"
J6	36"	24"	36"
J6	42"	24"	36"
J7	15"	24"	30"
J8	18"	24"	30"
J9	21"	24"	30"

GENERAL CASEWORK NOTES

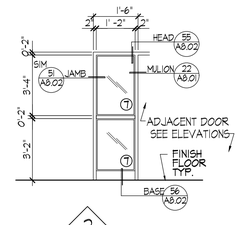
1. THIS SCHEDULE IS A GENERAL REFERENCE ONLY AND NOT ALL CASEWORK SHOWN IN THIS SCHEDULE IS USED.
2. PROVIDE FINISH END PANELS FOR SUPPORT OF COUNTERTOP AT UNDER COUNTER EQUIPMENT OR KNEE SPACE.
3. FINISH ALL EXPOSED PORTIONS OF CASEWORK AND COUNTER TOPS.
4. PROVIDE FINISH BASE MATERIAL PER ROOM FINISH SCHEDULE. EXTEND BASE TO WALL AT ALL CABINET RETURNS AND END PANELS.
5. PROVIDE DUST CLOSURE PANELS TO CEILING AS INDICATED ON ELEVATIONS OR NOTED ON PLAN.
6. UNIT TYPES ARE INDICATED ONLY ON INTERIOR ELEVATIONS.
7. ALL CUSTOM CASEWORK SHALL BE BY CASEWORK MANUFACTURER AND SAME QUALITY, SUBSTANCE, AND APPEARANCE AS THE OTHER CASEWORK UNLESS OTHERWISE NOTED.
8. CASEWORK DIMENSIONS ARE APPROXIMATE CASEWORK MANUFACTURER SHALL FIELD MEASURE ACTUAL AREAS AND PLUMBING ROUGH-IN LOCATIONS PRIOR TO FABRICATION.
9. ALL CASEWORK SHALL HAVE ADJUSTABLE SHELVES UNLESS OTHERWISE NOTED.
10. PROVIDE COUNTER TOP SUPPORT BRACKETS AS REQUIRED PER MANUFACTURER RECOMMENDATIONS.
11. AT UNITS RL, SL, UL, WL, XL, YL & ZL, LIGHT VALANCE SHALL BE CONTINUOUS ACROSS BOTTOM OF ATTACHED UNITS.
12. UNITS JL, SD, SJL & SC SHALL HAVE FINISHED TOPS, SIDES AND BACKS – TYPICAL
13. PROVIDE GROMMETS AT 48" O.C. FOR ALL DESKTOPS, SHOW LOCATIONS ON SHOP DRAWINGS – TYPICAL
14. ALL MOVEABLE UNITS THAT ARE LESS THAN 36" DEEP OR OVER 48" TALL SHALL BE ATTACHED TO A WALL OR OTHER SEISMIC ATTACHMENT SHALL BE PROVIDED.
15. PROVIDE BLOCKING AS REQUIRED PER DETAILS 13, 14, 15, AND 16/A8.00

WINDOW & RELITE SCHEDULE



1 ALUMNUM SLIDER

AREA OF ALUMNUM SLIDER = 20.0 S.F.
16 WINDOWS X 20.0 S.F.
= 320 S.F. NEW VERTICAL FENESTRATION



2 EXTERIOR ENTRY SIDELITE

4 EXTERIOR ENTRY SIDELITE SIMILAR

GLASS TYPES:
① ¼" CLEAR FLOAT GLASS
② ¼" LAMINATED SAFETY GLASS
③ 5/16" FIRE RATED GLAZING IN 1 HR. WALL
④ 5/16" FIRE RATED SAFETY GLAZING IN 1 HR. WALL
⑥ INSULATED GLAZING AT EXTERIOR.
⑦ INSULATED SAFETY GLAZING AT EXTERIOR, ILE-1 PER SPECS
⑧ INSULATED SPANDREL GLAZING AT EXTERIOR.

NOTE:
ALL WINDOWS AND RELITES WITHIN 24" OF DOORS TO BE TEMPERED SAFETY GLASS WITH BOTH PANES TEMPERED SAFETY GLASS AT INSULATED GLAZING

SCHEDULE WINDOW NOTES:

1. SEE PLANS FOR WINDOW LOCATIONS AND QUANTITIES
2. OPENING SIZES ARE APPROXIMATE. CONTRACTOR MUST FIELD MEASURE ALL WINDOWS PRIOR TO ORDERING.
4. SEE WINDOW ELEVATIONS ABOVE FOR OPENING CONFIGURATION AND EXTENT OF VENT VS. FIXED WINDOWS.
5. GLASS:
   INSULATED SAFETY GLAZING SHALL BE 1" LOW-E FOR STANDARD EXPOSURE LAMINATED SAFETY. ARGON FILLED. GLAZING UNITS SHALL BE .27 U-FACTOR.
   INTERIOR SAFETY GLAZING SHALL BE 1/4" LAMINATED SAFETY.
6. ALL WINDOW ASSEMBIES SHALL HAVE A U-VALUE OF .38 OR BETTER.
7. ALL ENTRANCE DOOR ASSEMBIES SHALL HAVE A U-VALUE OF .6 OR BETTER.

GENERAL WINDOW NOTES:

A. ALL WORK ON THIS PROJECT SHALL BE IN CONFORMANCE WITH THE WASHINGTON STATE ENERGY CODE. EXTERIOR JOINTS AROUND WINDOWS AND DOOR FRAMES, SHALL BE CAULKED, SEALED, OR WEATHER-STRIPPED TO LIMIT AIR LEAKAGE.

B. ALL WINDOW ASSEMBLIES SHALL USE THE FOLLOWING DESIGN CRITERIA: 110 MPH, EXPOSURE 'B'

C. SEE SHEETS A8.01 THROUGH A8.05 FOR DETAILS AS INDICATED BY NUMBER ON ELEVATIONS ABOVE

D. RELITE FRAMES ARE 2" H.M. TYP. U.O.N.

WINDOW AND DOOR AREA CALCS

1. WINDOW TO WALL RATIO CALCULATION = 17%

WALL AREA – 7964 SF, FENESTRATION AREA= 1415 SF

SCR | Architects
1221 E. Pike St. Suite 205
Seattle, WA 98122

8879 REGISTERED ARCHITECT
Scott Alan Connor
STATE OF WASHINGTON

DRAWN BY: amv + IS
CHECKED BY: S.C.
APPROVED BY: S.C.

PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
1919
ISSUE DATE
10-31-2024
CURRENT REVISION
BID SET
DRAWING PLOT DATE

REVISION	DATE
BID SET	10/31/24

CASEWORK SCHEDULE, WINDOW & RELITE SCHEDULE

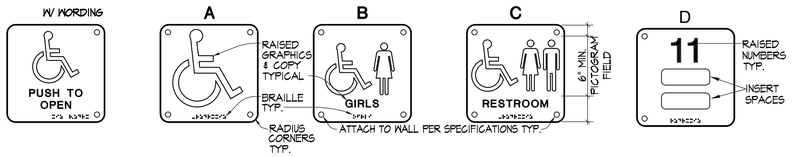
A0.05

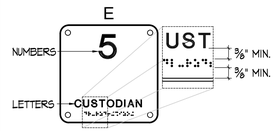
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ORIGINAL DOCUMENT SIZE 24" X 36"

SIGNAGE SCHEDULE





NOTES

1. ALL ROOM NAMES AND NUMBERS TO BE VERIFIED WITH OWNER BEFORE MANUFACTURING. ROOM NUMBERS MAY BE UP TO FIVE DIGITS.
2. VERIFY SPECIAL SIGNAGE REQUIREMENTS WITH FIRE MARSHALL FOR ALL FIRE SPRINKLER, FIRE ALARM, ELECTRICAL ROOMS AND ETC.
3. FOR SIGNS MOUNTED TO GLASS, PROVIDE SIGN BLANK ON OPPOSITE SIDE OF GLASS. MATCH COLOR AND SIZE.
4. SIGNAGE SHALL MEET REQUIREMENTS OUTLINED IN IGC/ANSI 117.1 - CHAPTER 7.
5. TACTILE CHARACTERS SHALL BE 48" MINIMUM ABOVE THE FLOOR, MEASURED TO THE BASELINE OF THE LOWEST TACTILE CHARACTER AND 60" MAXIMUM ABOVE THE FLOOR, MEASURED TO THE BASELINE OF THE HIGHEST TACTILE CHARACTER. SEE DIAGRAM 5 THIS SCHEDULE.
6. PROVIDE MINIMUM OF 5 EXTRA SIGNS TO BE IDENTIFIED IN THE FIELD. I.E. FIRE SPRINKLER VALVE, ETC.

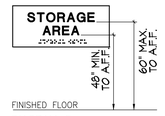
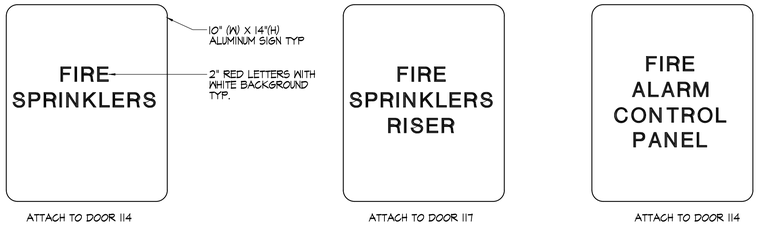


DIAGRAM 5

FIRE DEPARTAMENT SIGNAGE



ATTACH TO DOOR 114 | ATTACH TO DOOR 117 | ATTACH TO DOOR 114

SYMBOL		A	B		C	D	E
ADJACENT TO		ACCESS SYMBOL	MEN	WOMEN	RESTROOM	BLIND INSERTS	WORDING
DOOR	ROOM						
102							KITCHEN
104							CUSTODIAN
105			●				
	105		●				
106				●			
	106			●			
107						●	
110						●	
111						●	
116A						●	
116B						●	
117						●	
118						●	
119						●	
	119					●	
120						●	
121							CONFERENCE ROOM
123							LAUNDRY ROOM
124A							DAYCARE
124B							DAYCARE
124C						●	
126A							DAYCARE
126B							DAYCARE
127A							CLASSROOM #1

SYMBOL		A	B		C	D	E
ADJACENT TO		ACCESS SYMBOL	MEN	WOMEN	RESTROOM	BLIND INSERTS	WORDING
DOOR	ROOM						
127B						●	
129A						●	
129B						●	
130A						●	
130B						●	
132A						●	
132B						●	
134A						●	
134B						●	
136A						●	
136B						●	
136C						●	
138A						●	
138B						●	
139						●	
140A						●	
140B						●	
141						●	
143A						●	
6001							

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CHECKED BY: S.C.
APPROVED BY: S.C.

PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
1919
ISSUE DATE
10-31-2024
CURRENT REVISION
BID SET
DRAWING PLOT DATE

REVISION	DATE
BID SET	10/31/24

SIGNAGE SCHEDULE

A0.06

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ORIGINAL DOCUMENT SIZE 24" X 36"

COMPOSITE ELEVATIONS - NON ADA

TPH / SNR

SD

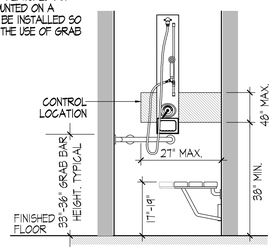
SCD / HD / PTD

SND

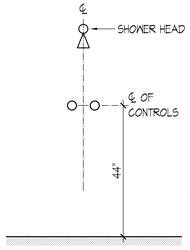
HAND HELD SHOWER

NOTE:

HAND SHOWER WITH A HOSE 60" MIN. IN LENGTH, THAT CAN BE USED AS BOTH FIXED SHOWER HEAD AND HAND SHOWER SHALL BE PROVIDED. THE HAND SHOWER SHALL HAVE A CONTROL WITH A NONPOSITIVE SHUT-OFF FEATURE. AN ADJUSTABLE HEAD MOUNTED ON A VERTICAL BAR SHALL BE INSTALLED SO AS TO NOT OBSTRUCT THE USE OF GRAB BARS.

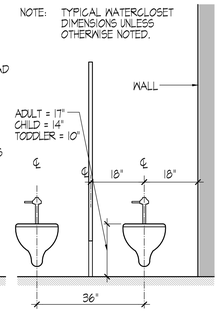


FIXTURE CONTROLS

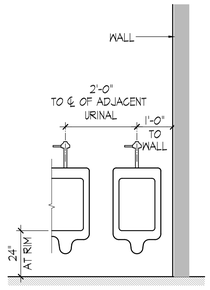


TOILET

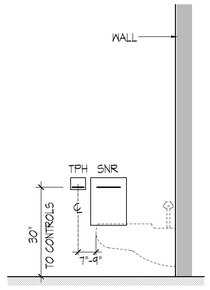
NOTE: TYPICAL WATERCLOSET DIMENSIONS UNLESS OTHERWISE NOTED.



URINAL

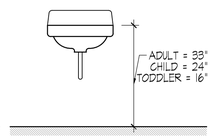


TOILET PAPER HOLDER/SANITARY NAPKIN RECEPTACLE

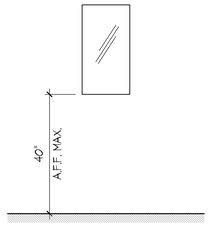


LAVATORY SINK

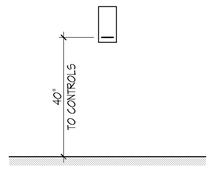
NOTE: PROVIDE INSULATED COVERS FOR LAVATORY DRAIN PIPE AND WATER SUPPLIES. TYPICAL.



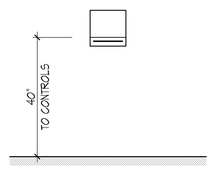
MIRROR



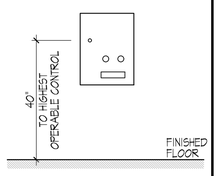
SOAP DISPENSER



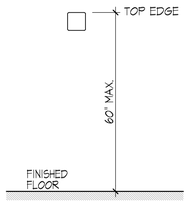
SEAT COVER DISPENSER/HAND DRYER/PAPER TOWEL DISPENSER



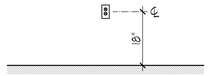
SANITARY NAPKIN DISPENSER



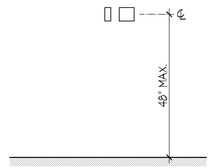
ROOM SIGNAGE



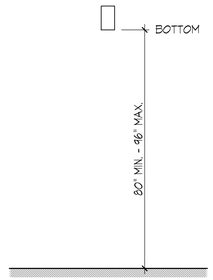
ELECTRICAL RECEPTACLE, COMPUTER, CATV OR TELEPHONE OUTLET



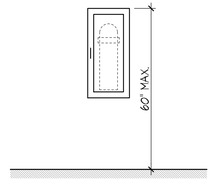
THERMOSTAT / LIGHT SWITCH & PULL STATION



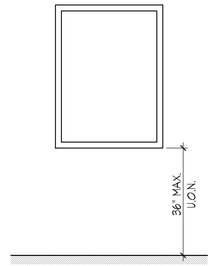
FIRE ALARM HORN, VISIBLE SIGNAL OR COMBINATION



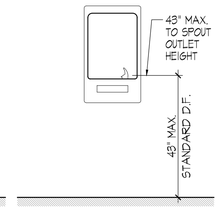
FIRE EXTINGUISHER CABINET



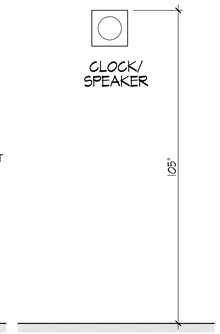
WHITE BOARD / TACK BOARD



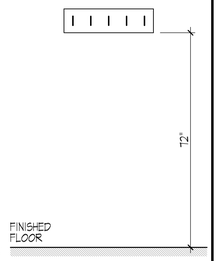
DRINKING FOUNTAIN



CLOCK/ SPEAKER



MOP RACK



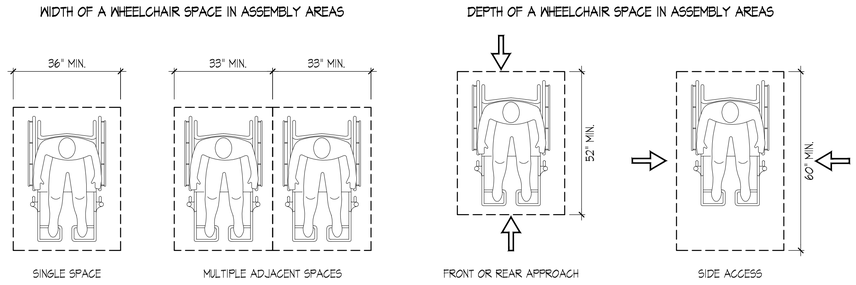
WIDTH OF A WHEELCHAIR SPACE IN ASSEMBLY AREAS

A SINGLE WHEELCHAIR SPACE SHALL BE 36" MINIMUM IN WIDTH. WHERE TWO ADJACENT WHEELCHAIR SPACES ARE PROVIDED, EACH WHEELCHAIR SPACE SHALL BE 33" MINIMUM IN WIDTH.

DEPTH OF A WHEELCHAIR SPACE IN ASSEMBLY AREAS

WHERE A WHEELCHAIR SPACE LOCATION CAN BE ENTERED FROM THE FRONT OR THE REAR, THE WHEELCHAIR SPACE SHALL BE 48" MINIMUM IN DEPTH WHERE A WHEELCHAIR SPACE LOCATION CAN ONLY BE ENTERED FROM THE SIDE, THE WHEELCHAIR SPACE SHALL BE 60" MINIMUM IN DEPTH.

NOTES:
THE WHEELCHAIR SPACE LOCATION SHALL ADJOIN AN ACCESSIBLE ROUTE. THE ACCESSIBLE ROUTE SHALL NOT OVERLAP THE WHEELCHAIR SPACE LOCATION.



WHEELCHAIR SPACES IN ASSEMBLY AREAS

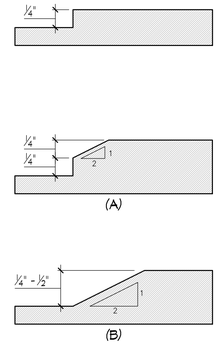
VERTICAL CHANGE IN LEVEL

CHANGES IN LEVEL OF ¼" MAXIMUM IN HEIGHT SHALL BE PERMITTED TO BE VERTICAL.

BEVELED CHANGES IN LEVEL

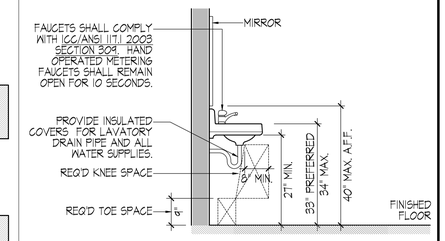
CHANGES IN LEVEL GREATER THAN ¼" IN HEIGHT AND NOT MORE THAN ½" MAXIMUM IN HEIGHT SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. SEE A & B.

NOTE
CHANGES IN LEVEL GREATER THAN ½" IN HEIGHT SHALL BE RAMPED AND SHALL COMPLY WITH ICC / ANSI 117.1 2003 SECTION 405 OR 406.



CHANGES IN LEVEL

(TYPICAL ALL LOCATIONS)



ACCESSIBLE LAVATORY LAYOUT

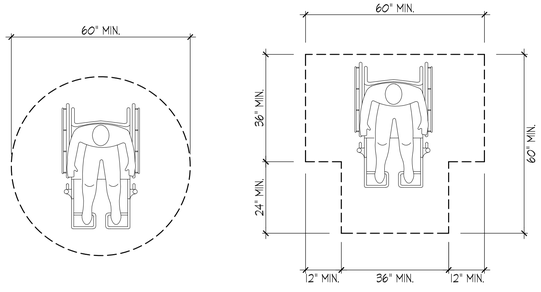
(TYPICAL ALL LOCATIONS)

CIRCULAR SPACE

THE TURNING SPACE SHALL BE A CIRCULAR SPACE WITH A 67-INCH MINIMUM DIAMETER. THE TURNING SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH ICC / ANSI 117.1 2003 SECTION 306.

T-SHAPED TURNING SPACE

THE TURNING SPACE WITHIN A 64x60-INCH MINIMUM RECTANGLE, WITH ARMS AND BASE 38 INCHES MINIMUM IN WIDTH. EACH ARM OF THE T BAR SHALL BE CLEAR OF OBSTRUCTIONS 11 INCHES MINIMUM IN EACH DIRECTION, AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 22 INCHES MINIMUM. THE TURNING SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH ICC / ANSI 117.1 2003 SECTION 306 ONLY AT THE END OF EITHER THE BASE OR ONE ARM.



SIZE OF TURNING SPACES

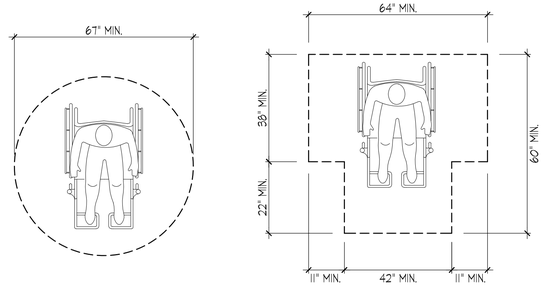
(TYPICAL EXISTING LOCATIONS)

CIRCULAR SPACE

THE TURNING SPACE SHALL BE A CIRCULAR SPACE WITH A 67-INCH MINIMUM DIAMETER. THE TURNING SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH ICC / ANSI 117.1 2003 SECTION 306.

T-SHAPED TURNING SPACE

THE TURNING SPACE WITHIN A 64x60-INCH MINIMUM RECTANGLE, WITH ARMS AND BASE 38 INCHES MINIMUM IN WIDTH. EACH ARM OF THE T BAR SHALL BE CLEAR OF OBSTRUCTIONS 11 INCHES MINIMUM IN EACH DIRECTION, AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 22 INCHES MINIMUM. THE TURNING SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH ICC / ANSI 117.1 2003 SECTION 306 ONLY AT THE END OF EITHER THE BASE OR ONE ARM.



SIZE OF TURNING SPACES

(TYPICAL NEW LOCATIONS)

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PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
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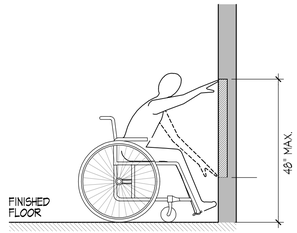
COMPOSITE ELEVATION AND ACCESSIBLE LAYOUTS
NOT TO SCALE

A0.07

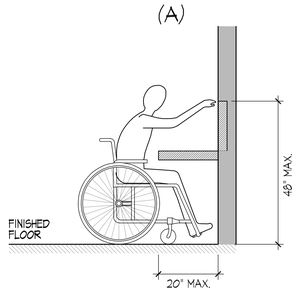
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ORIGINAL DOCUMENT SIZE 24" X 36"

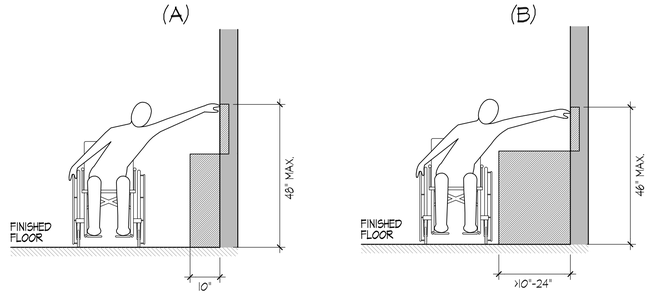
ACCESSIBLE LAYOUTS



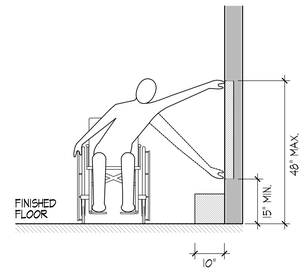
11 UNOBSTRUCTED FORWARD REACH - ELEVATION
(TYPICAL ALL LOCATIONS)



12 OBSTRUCTED HIGH FORWARD REACH - ELEVATION
(TYPICAL ALL LOCATIONS)

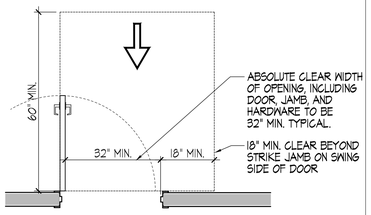


14 OBSTRUCTED HIGH SIDE REACH - ELEVATION
(TYPICAL ALL LOCATIONS)



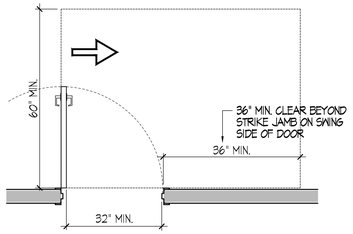
16 UNOBSTRUCTED SIDE REACH - ELEVATION
(TYPICAL ALL LOCATIONS)

FRONT APPROACH - PULL SIDE



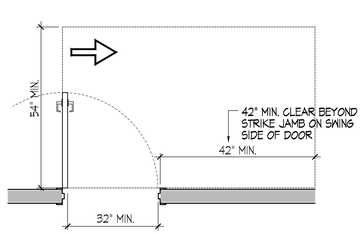
17 CLEAR AREA AT DOOR - PLAN
(TYPICAL ALL LOCATIONS)

HINGE APPROACH - PULL SIDE
OPTION 1



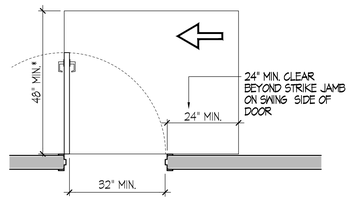
18 CLEAR AREA AT DOOR - PLAN
(TYPICAL ALL LOCATIONS)

HINGE APPROACH - PULL SIDE
OPTION 2



19 CLEAR AREA AT DOOR - PLAN
(TYPICAL ALL LOCATIONS)

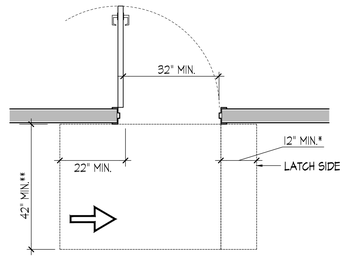
LATCH APPROACH - PULL SIDE



* 54 MIN. IF CLOSER IS PROVIDED

20 CLEAR AREA AT DOOR - PLAN
(TYPICAL ALL LOCATIONS)

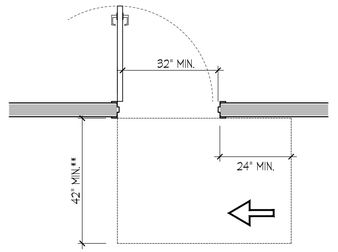
HINGE APPROACH - PUSH SIDE



* IF BOTH CLOSER AND LATCH ARE PROVIDED
** 48" MIN. IF BOTH CLOSER AND LATCH PROVIDED

21 CLEAR AREA AT DOOR - PLAN
(TYPICAL ALL LOCATIONS)

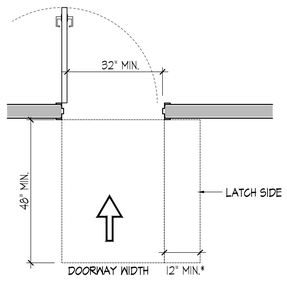
LATCH APPROACH - PUSH SIDE



* 48" MIN. IF CLOSER IS PROVIDED

22 CLEAR AREA AT DOOR - PLAN
(TYPICAL ALL LOCATIONS)

FRONT APPROACH - PUSH SIDE



* IF BOTH CLOSER AND LATCH ARE PROVIDED

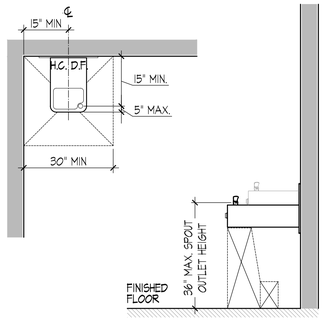
23 CLEAR AREA AT DOOR - PLAN
(TYPICAL ALL LOCATIONS)

FRONT APPROACH

NOTES:

1.) 30" X 48" CLEAR FLOOR SPACE REQ'D IN FRONT OF H.C. D.F. CLEAR FLOOR SPACE MAY INCLUDE KNEE AND TOE CLEARANCES NOT TO EXCEED 25" EXTENDING UNDER D.F.

2.) PROVIDE DRINKING FOUNTAIN THAT MEETS OR EXCEEDS A.D.A. GUIDELINES FOR FRONT APPROACH. SPOUT SHALL BE LOCATED 5" MAX. FROM FRONT EDGE OF DRINKING FOUNTAIN.



24 ACCESSIBLE DRINKING FOUNTAIN LAYOUT
(LOCATIONS AS INDICATED)

NOTES:

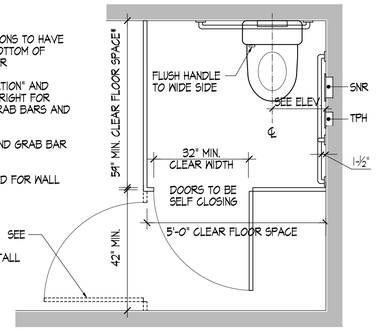
ADULT TOILET STALL PARTITIONS TO HAVE MIN. 12" CLEARANCE FROM BOTTOM OF PARTITION TO FINISHED FLOOR

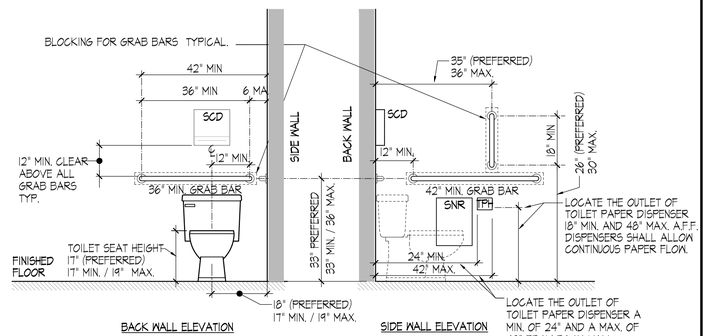
REFER TO "SIDE WALL ELEVATION" AND "BACK WALL ELEVATION" AT RIGHT FOR LOCATIONS OF SIDE WALL GRAB BARS AND DISPENSERS

SPACE BETWEEN THE WALL AND GRAB BAR SHALL BE 1½" - TYPICAL

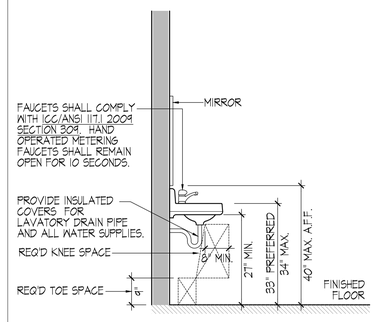
*56" MINIMUM CLEAR REQUIRED FOR WALL MOUNTED TOILET.

ALTERNATE DOOR LOCATION. SEE FLOOR PLAN FOR EXACT CONFIGURATION OF TOILET STALL

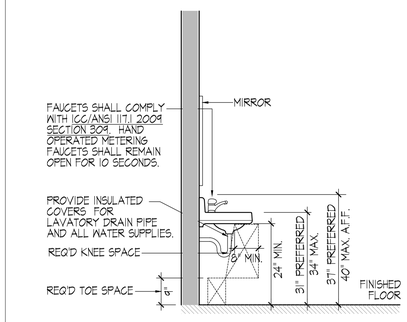




26 ADULT ACCESSIBLE TOILET - GRAB BAR AND ACCESSORY LAYOUT - PLAN & ELEVATIONS
(LOCATIONS AS INDICATED)



29 ADULT ACCESSIBLE LAVATORY LAYOUT
(LOCATIONS AS INDICATED)



30 CHILDREN 6 TO 12 - ACCESSIBLE LAVATORY LAYOUT
(LOCATIONS AS INDICATED)

NOTES:

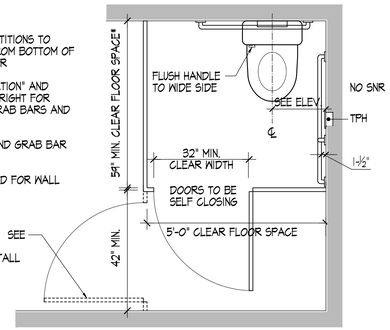
CHILDREN TOILET STALL PARTITIONS TO HAVE MIN. 12" CLEARANCE FROM BOTTOM OF PARTITION TO FINISHED FLOOR

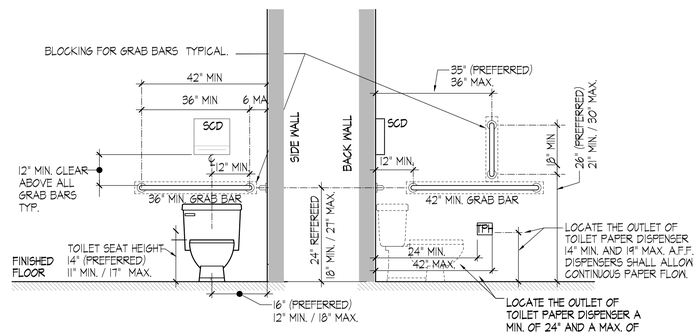
REFER TO "SIDE WALL ELEVATION" AND "BACK WALL ELEVATION" AT RIGHT FOR LOCATIONS OF SIDE WALL GRAB BARS AND DISPENSERS

SPACE BETWEEN THE WALL AND GRAB BAR SHALL BE 1½" - TYPICAL

*56" MINIMUM CLEAR REQUIRED FOR WALL MOUNTED TOILET.

ALTERNATE DOOR LOCATION. SEE FLOOR PLAN FOR EXACT CONFIGURATION OF TOILET STALL





31 CHILDREN ACCESSIBLE TOILET - GRAB BAR AND ACCESSORY LAYOUT - PLAN & ELEVATIONS
(LOCATIONS AS INDICATED)

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APPROVED BY: S.C.

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PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

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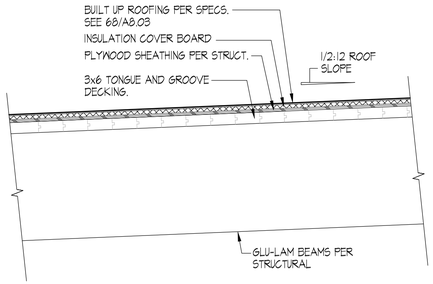
ACCESSIBLE PLAN AND ELEVATION LAYOUTS

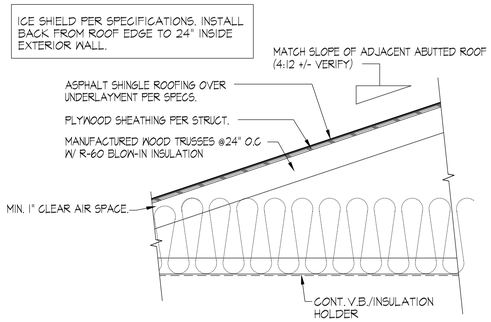
NOT TO SCALE

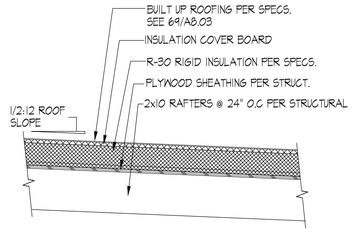
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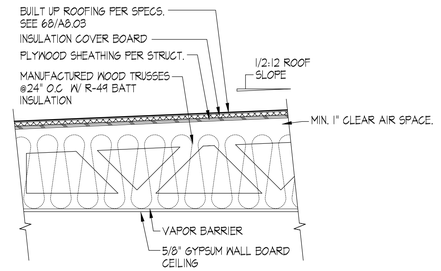
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ORIGINAL DOCUMENT SIZE 24" X 36"









RATING:	
FIRE	
UL/GA	
STC	N/A
TEST	N/A

MODIFIER:		

RATING:	
FIRE	
UL/GA	
STC	N/A
TEST	N/A

MODIFIER:		

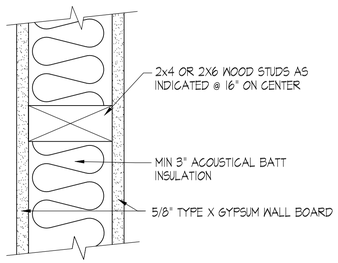
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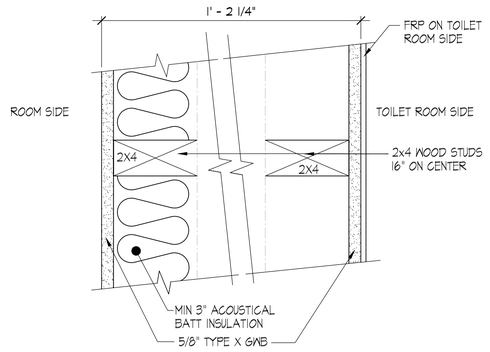
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STC	N/A
TEST	N/A

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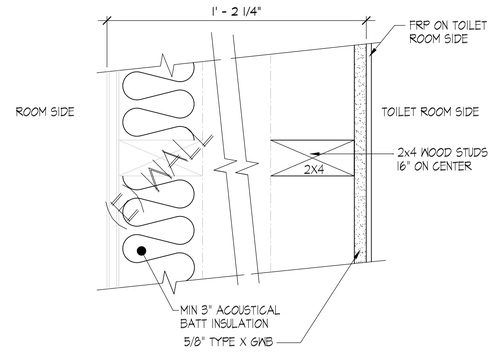
R4 ROOF ASSEMBLY



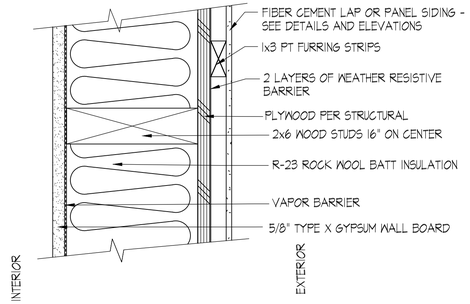
R3 ROOF ASSEMBLY



R2 ROOF ASSEMBLY



R1 ROOF ASSEMBLY



RATING:	
FIRE	60 MIN.
UL/GA	GA WP 3514
STC	N/A
TEST	N/A

MODIFIER:		
IA	2X4 STUDS	
IA-R	RATED 1 HOUR - 2X4 STUDS	
IA-L	TOP OF WALL 34" ABOVE FINISH FLOOR HEIGHT	
IB	2X6 STUDS	

RATING:	
FIRE	--
UL/GA	--
STC	N/A
TEST	N/A

MODIFIER:	
IC	PLUMBING WALL: 2x4 STUDS @ 16" ON CENTER WITH FRP OVER 5/8" TYPE X GYPSUM WALL BOARD REST ROOM SIDE + 6" SPACE + 2X4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GYPSUM WALL BOARD UP TO STRUCTURE ROOM SIDE OF CHASE - VERIFY CLEARANCE REQUIRED WITH MFR. FOR WALL MOUNTED TOILET HANGERS. ACOUSTICAL INSULATION IN WALL FURTHER FROM TOILETS.

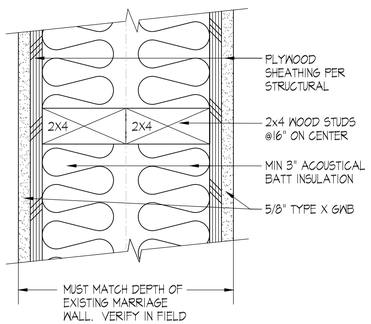
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FIRE	--
UL/GA	--
STC	N/A
TEST	N/A

MODIFIER:	
ID	PLUMBING WALL: 2x4 STUDS @ 16" ON CENTER WITH FRP OVER 5/8" TYPE X GYPSUM WALL BOARD REST ROOM SIDE + 6" SPACE + 2X4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GYPSUM WALL BOARD UP TO STRUCTURE ROOM SIDE OF CHASE - VERIFY CLEARANCE REQUIRED WITH MFR. FOR WALL MOUNTED TOILET HANGERS. ACOUSTICAL INSULATION IN WALL FURTHER FROM TOILETS.

RATING:	
FIRE	--
UL/GA	--
STC	N/A
TEST	N/A

MODIFIER:		
WI	DETAIL 44	TRANSITION - NEW TO EXISTING
WI	DETAIL 53	SIDING TRANSITION ON EXISTING WALL
WI	DETAIL 54	SIDING TRANSITION AT INFILL WALL

IA IA-R IA-L IB INTERIOR PARTITION



RATING:	
FIRE	--
UL/GA	--
STC	N/A
TEST	N/A

MODIFIER:		
MW	DETAIL 81	TRANSITION - NEW TO EXISTING

2 MARRIAGE WALL EXTENSION

IC INTERIOR PARTITION - PLUMBING WALL

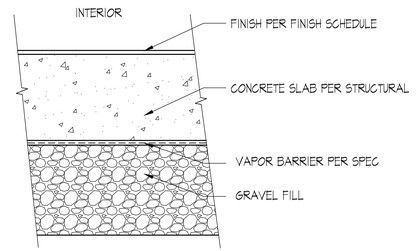
ID INTERIOR PARTITION - PLUMBING WALL

WI WOOD FRAMED EXTERIOR WALL - 1 HOUR

GENERAL PARTITION NOTES

1. ALL GWB SHALL BE "TYPE -X"
2. PARTITIONS THAT ARE NOT SPECIFICALLY MARKED ON PLAN SHALL BE THE SAME TYPE AS THE NEAREST ADJACENT PARTITION - TYPICAL.
3. ALL BASE PLATES AND BASE TRACKS SHALL BE ANCHORED TO FLOOR/CONCRETE SLAB PER STRUCTURAL DRAWINGS.
4. ALL WALLS SHALL EXTEND TO AND BE ATTACHED OR BRACED TO THE CEILING/ROOF STRUCTURE. U.O.N. - TYPICAL - SEE STRUCTURAL.
5. SEE REINFORCEMENT BLOCKING DETAILS 13 - 16 ON SHEET A8.00 FOR TYPICAL WALL MOUNTED HAND RAILS, GRAB BAR, WALL PANELS, ETC.
6. PROVIDE SOUND ATTENUATION INSULATION BATTS FULL HEIGHT IN THE PARTITION AS DESIGNATED ON PLAN - TYPICAL. ETC.
7. PROVIDE FIRE BLOCKING IN WALLS, PARTITIONS AND FURRING AT 10' INTERVALS BOTH VERTICAL & HORIZONTAL. PROVIDE FIRE BLOCKING AT ALL INTERCONNECTIONS BETWEEN VERTICAL & HORIZONTAL SPACES, AT CEILING,
8. FLOOR LEVELS OR OTHER TRANSITIONS AS REQUIRED BY I.B.C. SECTION 718.
9. ALL PENETRATIONS THROUGH RATED WALL ASSEMBLIES, FLOOR/CEILING AND ROOF/CEILING ASSEMBLIES SHALL BE PROTECTED BY AN APPROVED FIRESTOP SYSTEM PER SECTION 714, I.B.C. IN WALLS, THE APPROVED FIRESTOP SYSTEM SHALL HAVE AN 'F' RATING OF NOT LESS THAN THE REQUIRED RATING OF THE WALL PENETRATED. IN HORIZONTAL ASSEMBLIES, THE APPROVED FIRESTOP SYSTEMS SHALL HAVE AN 'F' RATING AND A 'T' RATING OF NOT LESS THAN 1 HOUR, BUT NOT LESS THAN THE REQUIRED RATING OF THE WALL PENETRATED.
10. PROVIDE CONTROL/EXPANSION JOINTS IN ALL GYPSUM WALL BOARD ASSEMBLIES. PROVIDE JOINTS AS SHOWN ON PLANS, SECTIONS, ELEVATIONS OR AS REQUIRED. GWB AREAS SHALL NOT EXCEED 900 SQ. FT AND JOINTS SHALL NOT EXCEED 30'-0" O.C. - TYPICAL PROVIDE FIRE RATED JOINTS IN FIRE RATED ASSEMBLIES - TYPICAL.
11. ALL WALLS TO EXTEND 6" ABOVE SUSPENDED CEILNG GRID UNLESS OTHERWISE NOTED. REFER TO REFLECTED CEILNG PLAN FOR WALLS TO BE EXTENDED TO UNDERSIDE OF STRUCTURAL DECK.
12. PROVIDE CAULK AT ALL INTERSECTIONS OF WALLS, CEILINGS , AND FLOORS AT ROOMS WITH AN STC RATING.

FT-1: CONCRETE SLAB ON GRADE - UNHEATED



NOTE: R-10 RIGID PERIMETER INSULATION AT FOOTINGS. SEE SECTIONS.

NOTES: WALL AND FLOOR ASSEMBLIES DIAGRAMS ARE NOT TO SCALE AND ARE NOT INTENDED FOR CONSTRUCTION. SEE PLANS, SECTIONS AND DETAILS FOR MATERIAL AND CONSTRUCTION TRANSITIONS.

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Scott Alan Connor
STATE OF WASHINGTON

DRAWN BY: amv + IS
CHECKED BY: S.C.
APPROVED BY: S.C.

PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
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ASSEMBLY TYPES

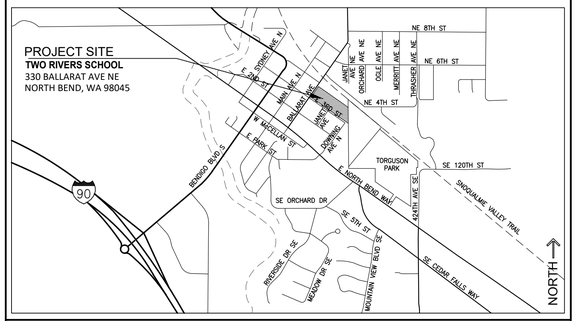
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A0.11

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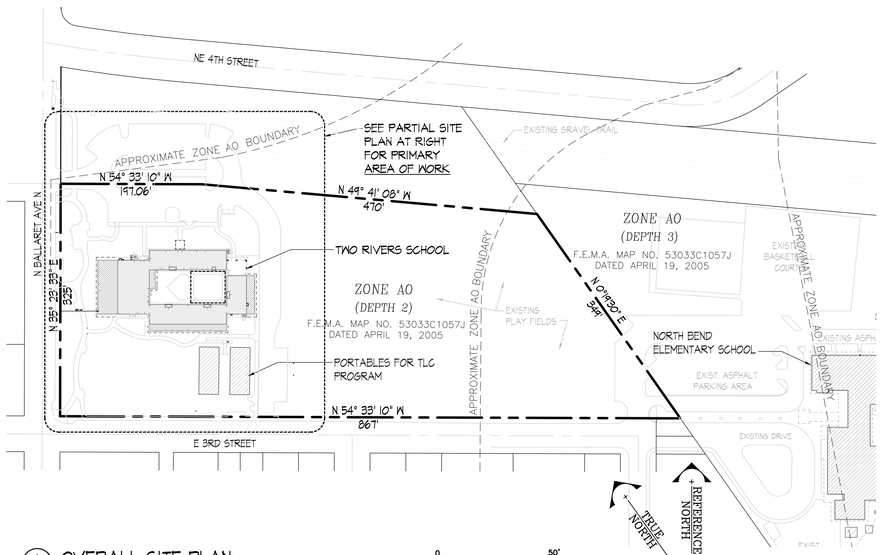
ORIGINAL DOCUMENT SIZE 24" X 36"

VICINITY MAP



PARCEL NUMBER: 857090-0300

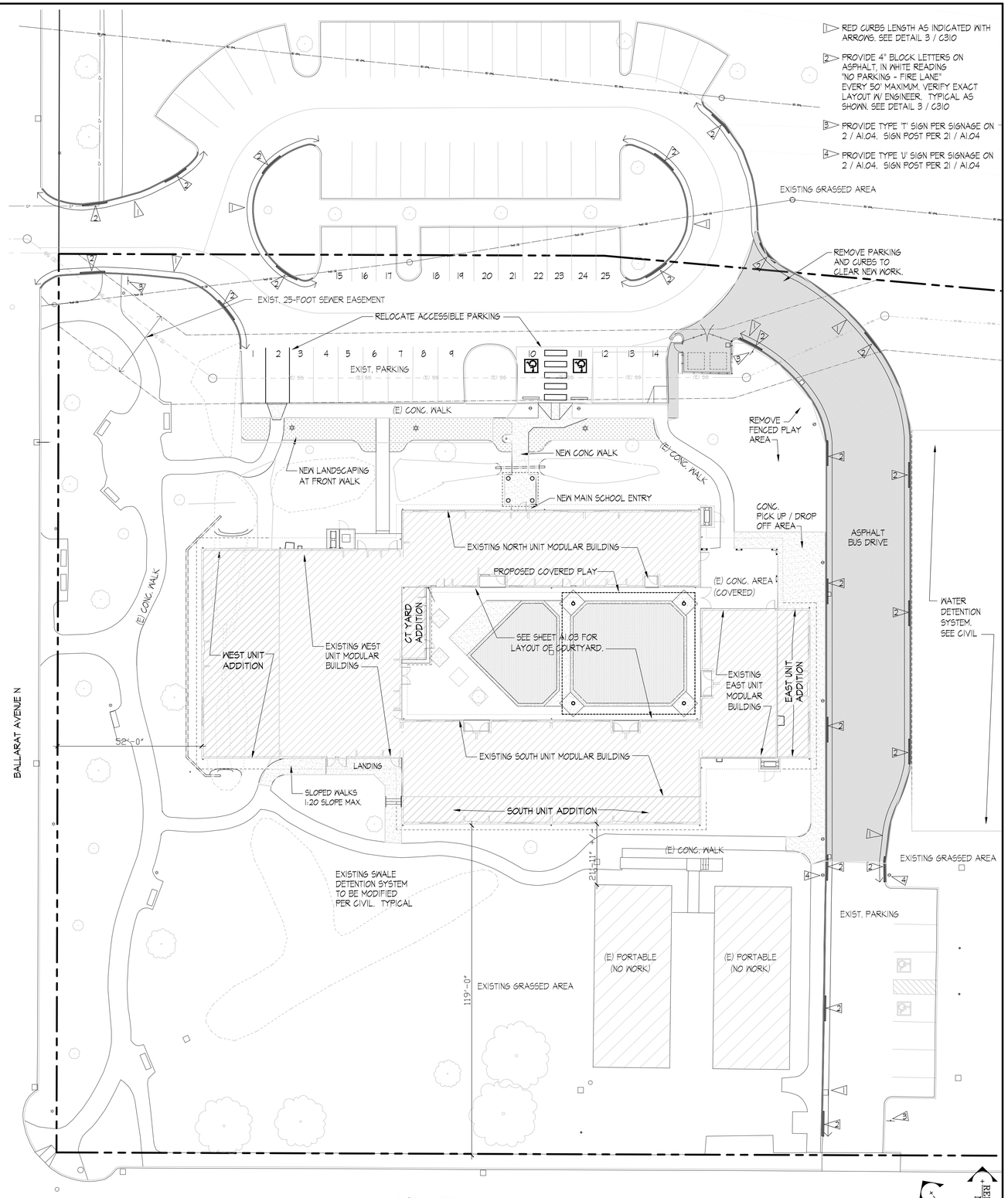
LEGAL DESCRIPTION: TAYLORS SNOQUALMIE PRAIRIE AC TRS EX SWLY 25 FT THOF & LESS NELY TRIANGLR STRIP NE OF SWLY R/W BDRY LN OF TH C M STP & PAC RR CO SD BDRY LN BEING 90 FT SWLY FR & PLL WITH C/L OF MAIN TRACK OF SD RR



1 OVERALL SITE PLAN
1" = 100'

SCALE 0 10' 20' 50'

PARCEL MAP SCALE: 1"=100'-0"



2 PARTIAL SITE PLAN - AREA OF WORK
1" = 20'

GRAPHIC SCALE: 1"=20'-0"
0 5' 10' 20' 30' 40'

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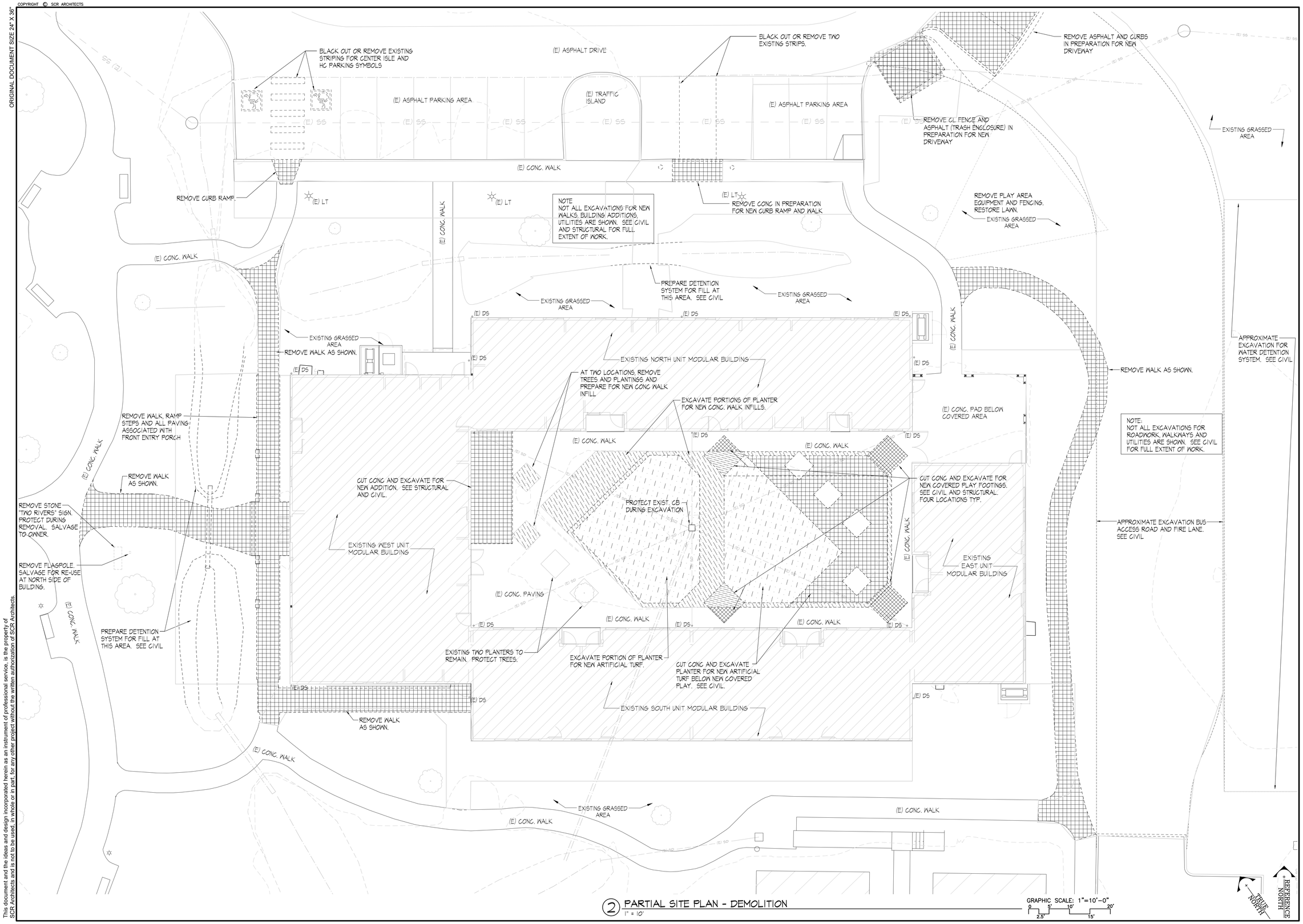
SITE PLANS

A1.01

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② PARTIAL SITE PLAN - DEMOLITION

1" = 10'

GRAPHIC SCALE: 1"=10'-0"

0 2.5' 5' 10' 15' 20'

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SITE PLAN
DEMOLITION

A1.02

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AFTER BLACKOUT WORK, PROVIDE (2) STRIPES TO CREATE THREE EQUAL STALLS AS SHOWN. SINGLE LINES TO BE 4" U.O.N. STRIPING TO BE THERMOPLASTIC TYP.

(E) ASPHALT DRIVE

ADA STALLS TO BE 8'-0" MIN. VERIFY IN FIELD

EQUAL 8'-0" MIN. 8'-0" EQUAL 8'-0" MIN.

PROVIDE 24" STRIPES TO CREATE TWO ACCESSIBLE STALLS AND LOADING AREA AS SHOWN. PAINT H.C. SYMBOL TO EACH STALL PER DETAIL 7 / A1.04. STRIPING & SYMBOLS TO BE THERMOPLASTIC TYP.

(E) ASPHALT PARKING AREA

EQUAL EQUAL EQUAL

(E) ASPHALT PARKING AREA

(E) TRAFFIC ISLAND

WHEEL STOP (4 / A1.04) AT EA. HC STALL TYP.

(20 / A1.04) PROVIDE STANDARD CURB CUT PER 20 / A1.04.

2'-0" TYP

LANDSCAPING ALONG FRONT WALK APPROXIMATELY AS SHOWN. SEE A1.06 FOR ADDITIONAL CALLOUTS.

(E) CONC. WALK

TAPER ADDED CONC TO CLEAR SIGN BY 48" MIN.

REMOVE CURB RAMP. POUR NEW CONC TO MATCH EXISTING WALK AND CURB.

(E) LT

PROVIDE 'TYPE M' SIGNS IN FRONT OF EACH ACCESSIBLE STALL AS SHOWN. SEE SIGNAGE ON 3 / A1.04. NEW POST AND FOOTING PER 13 / A1.04.

(E) LT

EXTEND CONC WALK MIN. 36" BEYOND CURB CUT TYP.

(E) CONC. WALK

RELOCATED FLAGPOLE

6' WIDE CONC. WALK

EXISTING SWALE DETENTION SYSTEM TO BE MODIFIED FOR NEW WORK SEE CIVIL TYPICAL.

(E) CONC. WALK

REPAIR EXISTING WALK TO REMAIN WITH SMOOTH FINISHED EDGE.

10'-8" x 11'-4" CONC. PAD BELOW ENTRY CANOPY. SEE SECTION 2 / A3.11.

EXISTING GRASSED AREA

EXISTING GRASSED AREA

(E) DS

EXISTING GRASSED AREA

EXISTING NORTH UNIT MODULAR BUILDING

PROVIDE ADDRESS NUMBERS ON SIDE OF BLDG. NUMBERS TO BE 24" HIGH AND IN SHARP CONTRAST TO BUILDING. SEE ELEVATION 'E' ON SHEET A3.02 FOR ADDITIONAL INFORMATION.

AT TWO LOCATIONS, FILL OLD PLANTERS W/ CONC SLAB TO MATCH EXISTING. SMOOTH TRANSITION NEW TO EXISTING PAVING

REMOVE DS. CAP AND ABANDON CORNER STORM DRAIN LINE. CONNECT NEW DS TO (E) LINE AT NEW LOCATION AS SHOWN.

NURSE/ STORAGE ADDITION

(E) CONC. WALK

CONC WALK INFILL

ARTIFICIAL TURF

(9 / A1.04) TYP. EDGE

EXIST. CB TO REMAIN ADAPT COVER TO USE WITH ARTIFICIALL TURF. LOWER AS REQ'D

COVERED PLAY ROOF. SEE SHEET A3.11

COLUMN FOR COVERED PLAY TYPICAL. NEW 1'x1' CONC PAVING SQUARES AT EACH COLUMN TYP. SEE STRUCTURAL.

(9 / A1.04) TYP. EDGE

ARTIFICIAL TURF

ARTIFICIAL TURF

(E) CONC. WALK

WEST UNIT ADDITION

EXISTING WEST UNIT MODULAR BUILDING

(E) CONC. PAVING

EXISTING TWO PLANTERS TO REMAIN. PROTECT TREES.

EXISTING EAST UNIT MODULAR BUILDING

EAST UNIT ADDITION

(E) CONC. WALK

REPAIR EXISTING WALK TO REMAIN WITH SMOOTH FINISHED EDGE.

EXISTING SWALE DETENTION SYSTEM TO BE MODIFIED FOR NEW WORK SEE CIVIL TYPICAL.

LANDING FOR DOORS

EXISTING SOUTH UNIT MODULAR BUILDING

SLOPED 6' WIDE WALK 1:20 SLOPE MAX.

STAIRS W/ (3) RISERS AT 6" AND RUNS AT 12". HANDRAIL EACH SIDE. SEE DETAIL FOR CONSTRUCTION (9 / A1.04)

SOUTH UNIT ADDITION

(E) CONC. WALK

STORM DRAIN SYSTEM. SEE CIVIL

6' WIDE WALK

EXISTING GRASSED AREA

(E) CONC. WALK

SMOOTH TRANSITION EXISTING TO NEW PAVING

PROVIDE FOUR 'TYPE V' "NO PARKING FIRE LANE" SIGNS APPROX. 50' APART, NORTH ALONG DRIVE AS SHOWN TYP. SEE SIGNAGE ON 3 / A1.04. NEW POST AND FOOTING PER 21 / A1.04.

PROVIDE TWO 'TYPE W' "DO NOT ENTER" SIGNS EACH SIDE OF DRIVE FACING SOUTH AS SHOWN. SEE SIGNAGE ON 3 / A1.04. NEW POST AND FOOTING PER 21 / A1.04.

PROVIDE NEW AREA FOR DUMPSTERS. VERIFY AREA REQ'D. PROVIDE 6' CL FENCE ENCLOSURE WITH BIG GATE AND 3' MAN GATE AS SHOWN. PROVIDE PRIVACY SLATS. SEE CIVIL DRAWINGS FOR ADDITIONAL CALLOUTS FOR PAVING AND 10 / A1.04 FOR FENCE DETAILS.

YD

17'-0"

PROVIDE "NO PARKING ANYTIME" SIGN W/ TOWING INFORMATION. SEE SIGNAGE ON 3 / A1.04. NEW POST AND FOOTING PER 21 / A1.04.

CB

NOTE: CURBS TO BE PAINTED RED AND "NO PARKING - FIRE LANE" TO BE PAINTED ON ASPHALT. SEE FULL EXTENTS PER SHEET A1.01

EXISTING GRASSED AREA

STORM DRAIN SYSTEM. SEE CIVIL

EXISTING GRASSED AREA

ASPHALT BUS DRIVE SEE CIVIL

WATER DETENTION SYSTEM. SEE CIVIL

EXTEND CONC. PAD TO CREATE PICK UP / DROP OFF AREA

6" CURB

(E) CONC. PAD BELOW COVERED AREA

SMOOTH TRANSITION EXISTING TO NEW PAVING

CB

SMOOTH TRANSITION EXISTING TO NEW PAVING

CB

NO PARKING

NO PARKING - FIRE LANE

SNOQUALMIE PKWY

2 PARTIAL SITE PLAN - NEW WORK

1" = 10'

GRAPHIC SCALE: 1"=10'-0"

0 5' 10' 20'

2.5' 15'

TRUE NORTH

REFERENCE NORTH

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APPROVED BY: S.C.

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PROJECT ADDRESS
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8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
1919
ISSUE DATE
10-31-2024
CURRENT REVISION
BID SET
DRAWING PLOT DATE

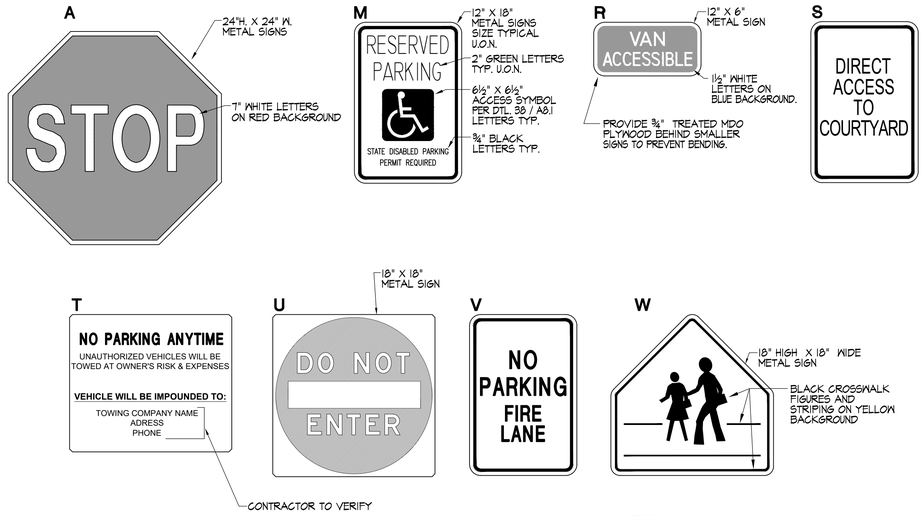
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BID SET	10/31/24

SITE PLAN
NEW WORK

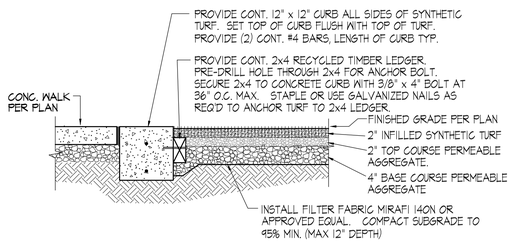
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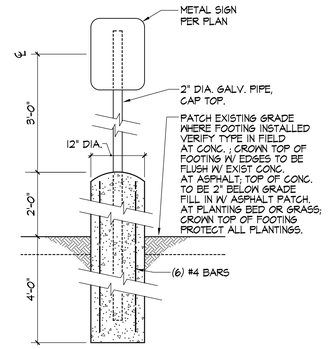
ORIGINAL DOCUMENT SIZE 24" X 36"



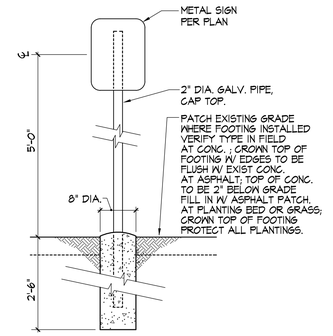
2 TRAFFIC SIGNAGE
NOT TO SCALE



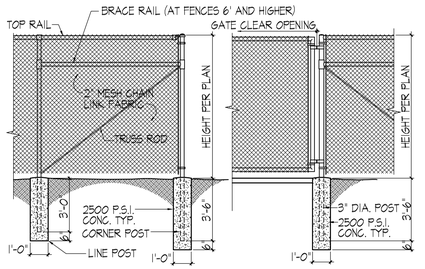
9 SYNTHETIC TURF AND CONC EDGE DETAIL
3/4" = 1' - 0"



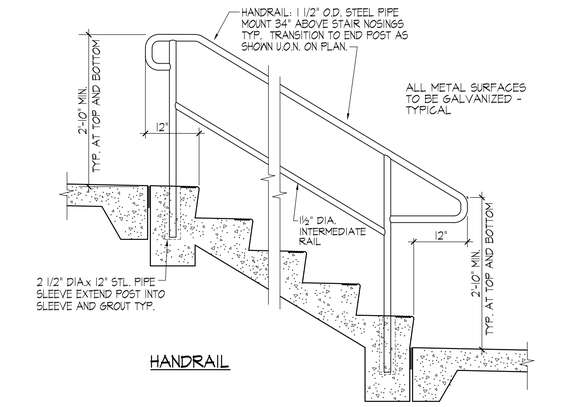
13 PARKING SIGN
3/4" = 1' - 0"



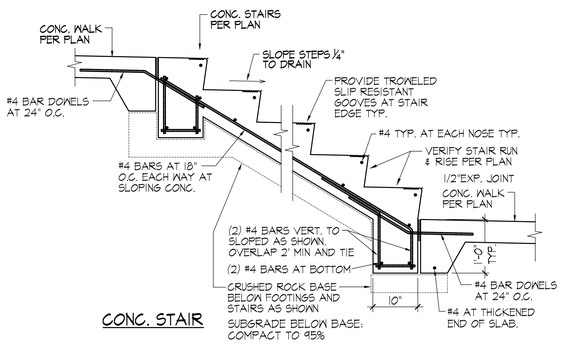
21 SITE SIGN
3/4" = 1' - 0"



10 TYPICAL FENCE DETAIL
1/4" = 1' - 0"

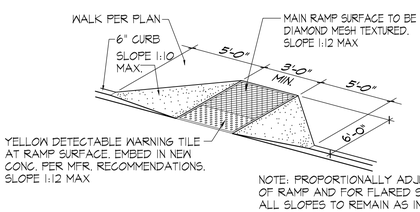


HANDRAIL



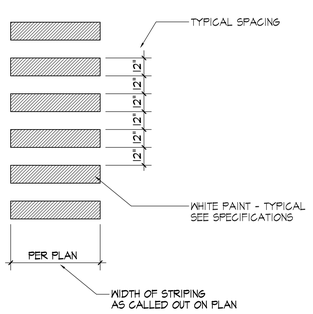
CONC. STAIR

19 EXTERIOR STAIR / HANDRAIL / GUARD DETAIL
3/4" = 1' - 0"



NOTE: PROPORTIONALLY ADJUST DIMENSIONS FOR DEPTH OF RAMP AND FOR FLARED SIDES AT CURBS LESS THAN 6". ALL SLOPES TO REMAIN AS INDICATED. 3' WIDTH TO REMAIN.

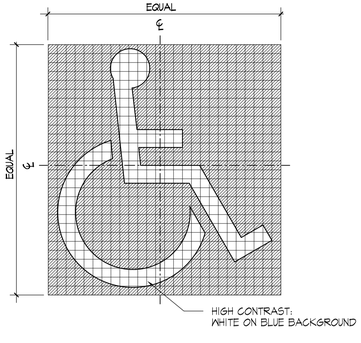
20 PLAN DETAIL - CURB CUT
NOT TO SCALE



3 TYPICAL STRIPING
1/4"=1'-0"

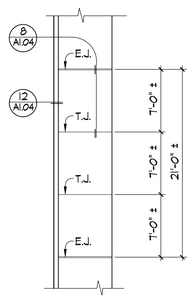


7 PAINTED ACCESS SYMBOL FOR PARKING STALL
NOT TO SCALE

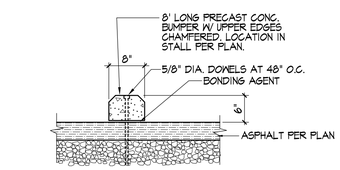


INTERNATIONAL SYMBOL OF ACCESS

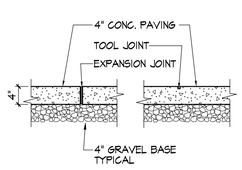
11 PROPORTIONAL GUIDE
NOT TO SCALE



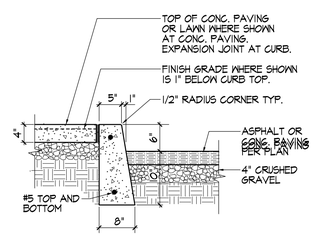
15 PLAN DETAIL - TYPICAL SIDEWALK
1/8" = 1' - 0"



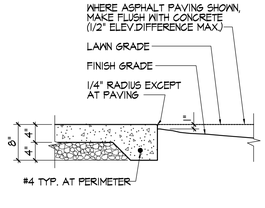
4 CONC. WHEELSTOP
3/4" = 1' - 0"



8 TOOL JOINT AND EXPANSION JOINT
3/4" = 1' - 0"



12 CONC. CURB AT WALK AND LAWN
3/4" = 1' - 0"



16 CONCRETE WALK EDGE
3/4" = 1' - 0"

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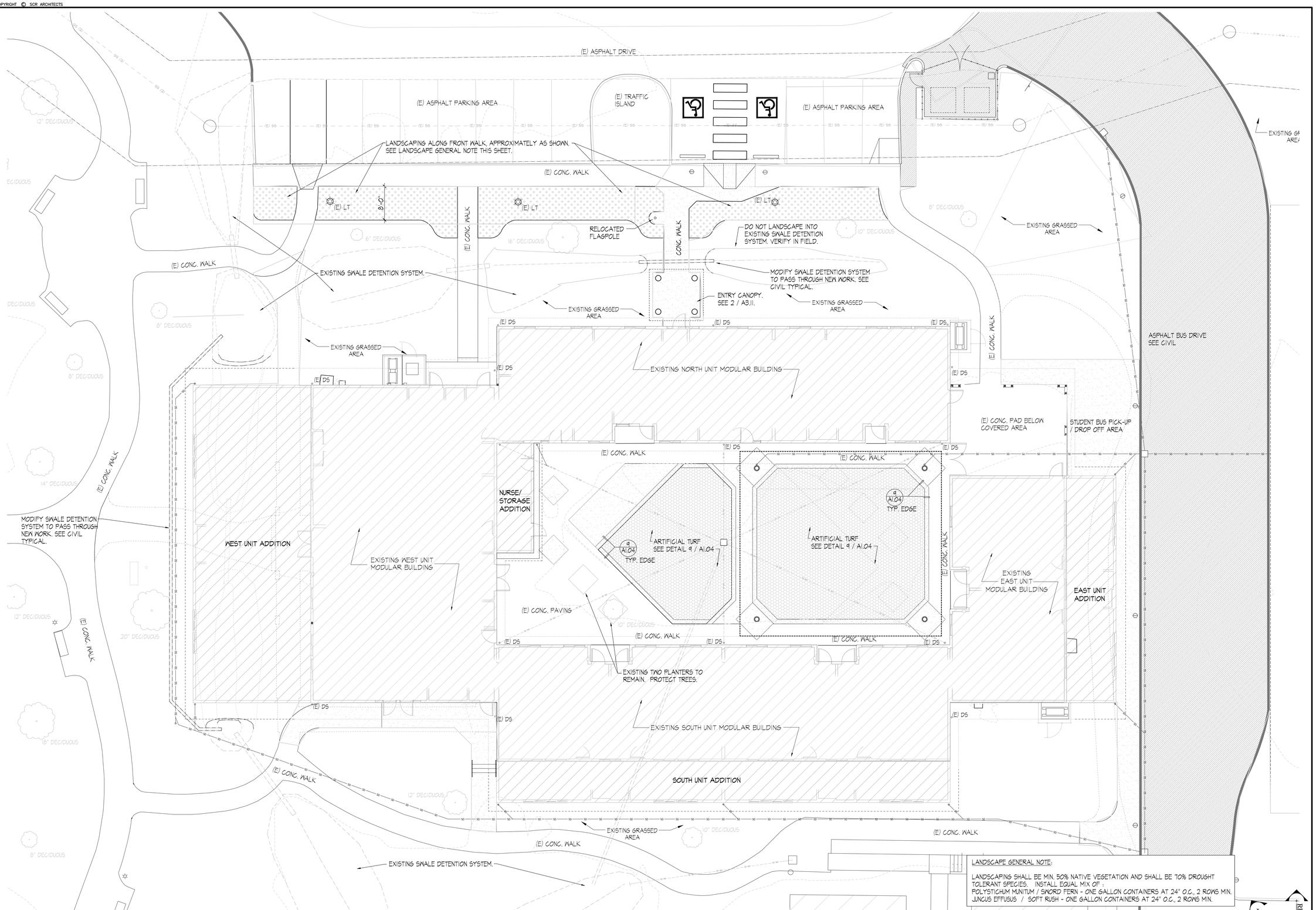
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SITE DETAILS

A1.04

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2 PARTIAL SITE PLAN - NEW WORK
1" = 10'

GRAPHIC SCALE: 1"=10'-0"
0 5' 10' 20'
2.5" 15'

LANDSCAPE GENERAL NOTE:

LANDSCAPING SHALL BE MIN. 50% NATIVE VEGETATION AND SHALL BE 70% DROUGHT TOLERANT SPECIES. INSTALL EQUAL MIX OF :
POLYSTICHUM MUNITUM / SWORD FERN - ONE GALLON CONTAINERS AT 24" O.C., 2 ROWS MIN.
JUNCUS EFFUSUS / SOFT RUSH - ONE GALLON CONTAINERS AT 24" O.C., 2 ROWS MIN.

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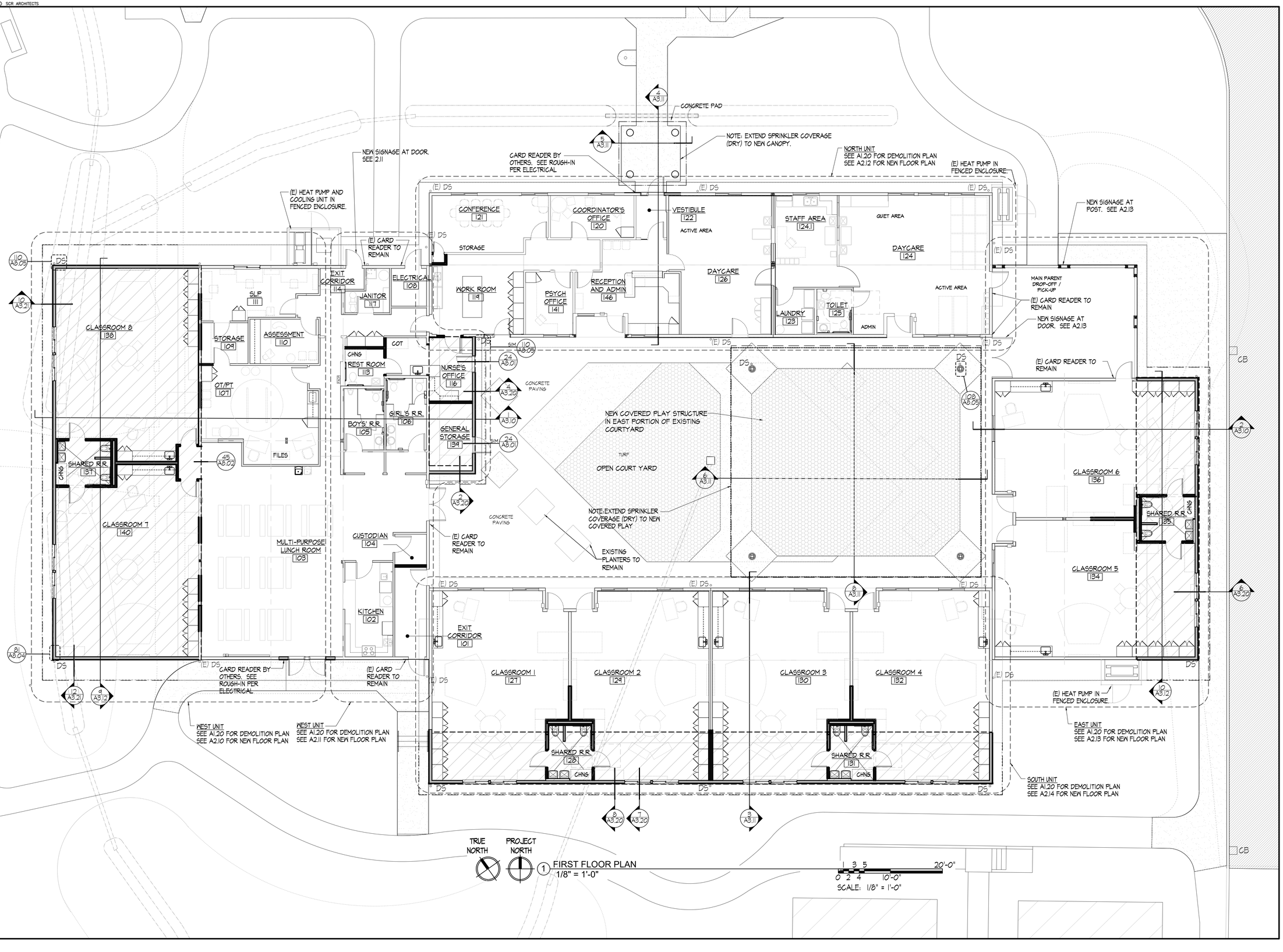
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LANDSCAPE PLAN
NEW WORK

A1.06

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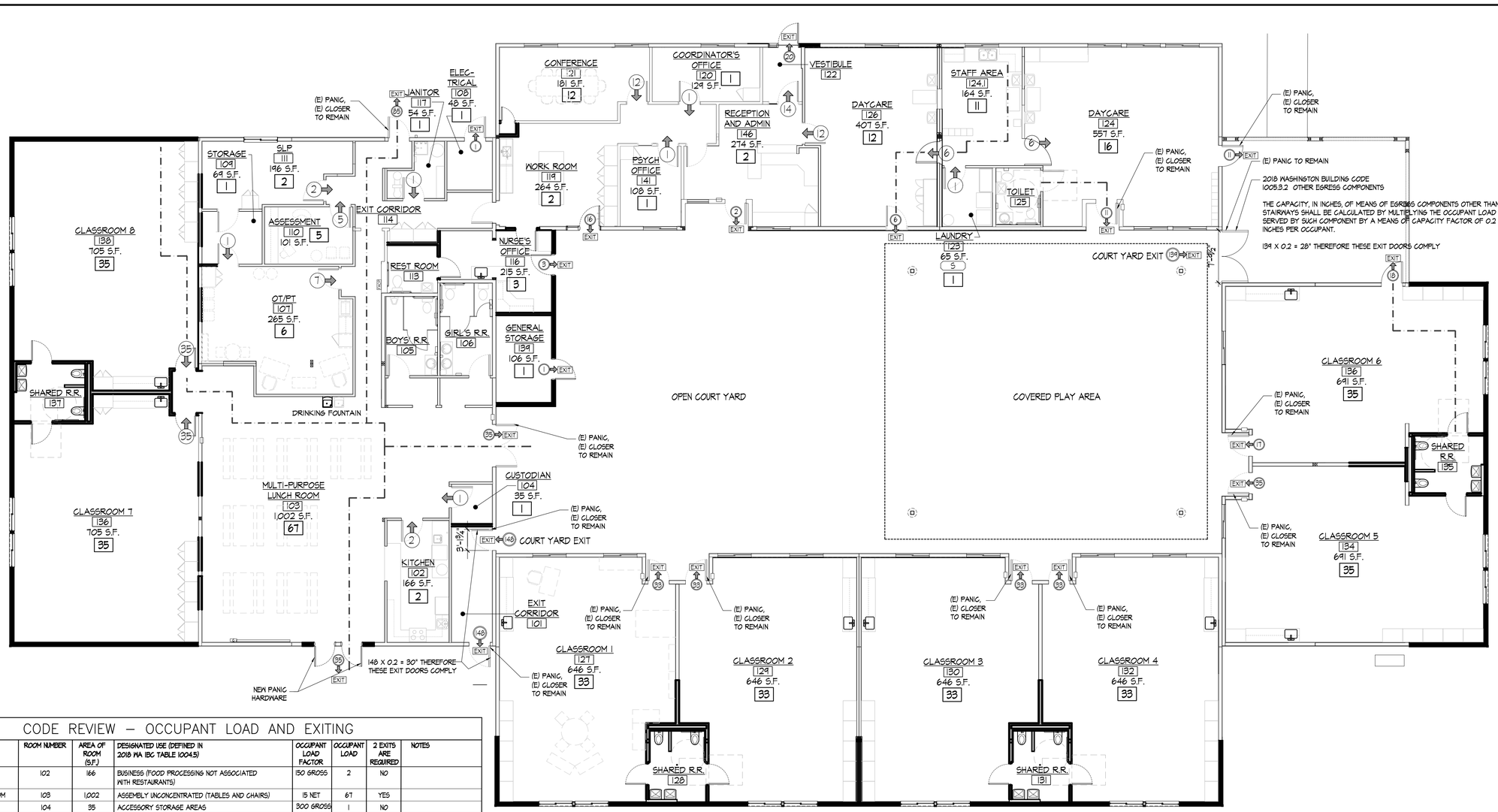
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KEY PLAN - AREAS OF WORK
SCALES AS NOTED

A1.10

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TRUE NORTH / PROJECT NORTH

1 EXITING PLAN
1/8" = 1'-0"

0 2 4 10'-0" | 3 5 20'-0"
SCALE: 1/8" = 1'-0"

CODE REVIEW – OCCUPANT LOAD AND EXITING

ROOM NAME	ROOM NUMBER	AREA OF ROOM (S.F.)	DESIGNATED USE (DEFINED IN 2018 WA IBC TABLE 1004.5)	OCCUPANT LOAD FACTOR	OCCUPANT LOAD	2 EXITS ARE REQUIRED	NOTES
KITCHEN	102	166	BUSINESS (FOOD PROCESSING NOT ASSOCIATED WITH RESTAURANTS)	150 GROSS	2	NO	
MULTI-PURPOSE LUNCH ROOM	103	1,002	ASSEMBLY UNCONCENTRATED (TABLES AND CHAIRS)	15 NET	67	YES	
CUSTODIAN'S OFFICE	104	35	ACCESSORY STORAGE AREAS	300 GROSS	1	NO	
OT/PT	107	265	EDUCATIONAL CLASSROOM AREA - VOCATIONAL	50 NET	6	NO	
ELECTRICAL	108	48	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 GROSS	1	NO	
STORAGE	109	69	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 GROSS	1	NO	
ASSESSMENT	110	101	EDUCATIONAL - CLASSROOM AREA	20 NET	5	NO	
SLP	111	196	BUSINESS AREAS	150 GROSS	2	NO	
NURSE'S OFFICE	116	215	OUTPATIENT AREAS	100 GROSS	3	NO	
JANITOR	117	54	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 GROSS	1	NO	
WORK ROOM	119	264	BUSINESS AREAS	150 GROSS	2	NO	
COORDINATOR'S OFFICE	120	129	BUSINESS AREAS	150 GROSS	1	NO	
CONFERENCE	121	181	ASSEMBLY UNCONCENTRATED (TABLES AND CHAIRS)	15 NET	12	NO	
LAUNDRY	123	65	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 GROSS	1	NO	
DAYCARE	124	557	DAYCARE	35 NET	16	NO	
STAFF AREA	124.1	164	ASSEMBLY UNCONCENTRATED (TABLES AND CHAIRS)	15 NET	11	NO	
DAYCARE	126	407	DAYCARE	35 NET	12	NO	
CLASROOM 1	127	646	EDUCATIONAL - CLASSROOM AREA	20 NET	33	NO	
CLASSROOM 2	129	646	EDUCATIONAL - CLASSROOM AREA	20 NET	33	NO	
CLASSROOM 3	130	646	EDUCATIONAL - CLASSROOM AREA	20 NET	33	NO	
CLASSROOM 4	132	646	EDUCATIONAL - CLASSROOM AREA	20 NET	33	NO	
CLASSROOM 5	134	691	EDUCATIONAL - CLASSROOM AREA	20 NET	35	NO	
CLASSROOM 6	136	691	EDUCATIONAL - CLASSROOM AREA	20 NET	35	NO	
CLASSROOM 7	140	705	EDUCATIONAL - CLASSROOM AREA	20 NET	35	NO	
CLASSROOM 8	138	705	EDUCATIONAL - CLASSROOM AREA	20 NET	35	NO	
GENERAL STORAGE	134	106	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 GROSS	1	NO	
PSYCH OFFICE	141	108	BUSINESS AREAS	150 GROSS	1	NO	
RECEPTION AND ADMIN	146	274	BUSINESS AREAS	150 GROSS	2	NO	
TOTALS		9,831 FIRE AREA			420		

LEGEND FOR OCCUPANCY AND EXITING PLAN

- CLASSROOM 640 S.F. — ROOM NAME AND SQUARE FOOTAGE
- 15 — TOTAL OCCUPANT LOAD FOR ROOM
- ⇨ — DESIGNATED EXIT
- (187) — OCCUPANT LOAD FOR EACH EXIT
- (187) ⇨ EXIT — DESIGNATED EXIT FROM BUILDING W/ ACCUMULATIVE OCCUPANT LOAD
- – – – – – ACCESSIBLE PATH

PLUMBING FIXTURE COUNT

OCCUPANTS: 410 TOTAL = 205 MALES 205 FEMALES

REQUIRED PLUMBING FIXTURES (PER 2018 WA IBC CHAPTER 29)

		WATER CLOSETS
MALE:	1 PER 150 =	2
FEMALE:	1 PER 75 =	3

		LAVATORIES
MALE:	1 PER 200 =	2
FEMALE:	1 PER 200 =	3

FIXTURES PROVIDED		FIXTURES	LAVATORIES
TOTAL MALE:	=	2	1
TOTAL FEMALE:	=	2	2
TOTAL UNISEX:	=	11	11

DRINKING FOUNTAIN COUNT

OCCUPANTS: 410 TOTAL

REQUIRED PLUMBING FIXTURES (PER 2018 WA IBC)

2902.5.1 DRINKING FOUNTAIN NUMBER
OCCUPANT LOADS OVER 30 SHALL HAVE 1 DRINKING FOUNTAIN FOR THE FIRST 150 OCCUPANTS, THEN 1 PER EACH ADDITIONAL 500 OCCUPANTS.

THEREFORE 2 DRINKING FOUNTAINS ARE REQUIRED AND 2 DRINKING FOUNTAINS AND 1 BOTTLE FILLER ARE PROVIDED.

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KEY PLAN

SHEET NAME
EXITING PLAN
SCALES AS NOTED

SHEET NUMBER
A1.11

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BUILDING ENVELOPE NOTES:

GENERAL SCOPE OF ENVELOPE WORK: NEW CONSTRUCTION TO MEET MINIMUM PRESCRIPTIVE ENVELOPE REQUIREMENTS. EXISTING CONSTRUCTION TO REMAIN AS IS EXCEPT WHERE EXISTING CONSTRUCTION IS OPENED UP. AT THOSE LOCATIONS, REPLACEMENT INSULATION TO MEET MINIMUM PRESCRIPTIVE ENVELOPE REQUIREMENTS.

1. CODE REFERENCES REFER TO THE WASHINGTON STATE ENERGY CODE (WSEC) 2018 EDITION.

2. INSULATION SHALL BE PROVIDED WITH A R-VALUE IDENTIFICATION MARK FROM THE MANUFACTURER (WSEC C303.1.1

3. FENESTRATION PRODUCTS TO BE SUPPLIED WITH A LABEL WITH RATED U-FACTOR, SHGC, VT AND LEAKAGE RATINGS (WSEC C303.1.3)

4. ALL INSULATION MATERIALS SHALL BE INSTALLED PER MANUFACTURES INSTRUCTIONS TO MAINTAIN PROPER DENSITIES, MAINTAIN CLEARANCES, AND OBTAIN FULL R-VALUE. (WSEC C303.2)

5. ROOF/CEILING INSULATION SHALL BE INSTALLED W/ MIN 1" CLEAR AIR SPACE TO ROOFING MEMBERS ABOVE. WHEN EAVE VENTING IS REQUIRED INSTALL BAFFLES TO DEFLECT AIR OVER SURFACE OF INSULATION. (IBC 1203.2)

6. EXTERIOR WALL CAVITIES SHALL BE FULLY INSULATED TO THE LEVELS OF THE SURROUNDING WALLS.

8. DOOR AND GLAZING U-FACTOR, SHGC & VT SHALL BE OBTAINED FROM NFRC LABEL, PRODUCTS LACKING THIS LABEL SHALL BE ASSIGNED A DEFAULT VALUE FROM WSEC TABLES IN CHAPTER 3 (WSEC C303.1.3)

9. VAPOR RETARDER (CLASS I OR II) REQUIRED AT INTERIOR SIDE OF FRAME WALLS IN ZONES 5, 6, 7, 8 AND MARINE 4 . (IBC 1405.3.1)

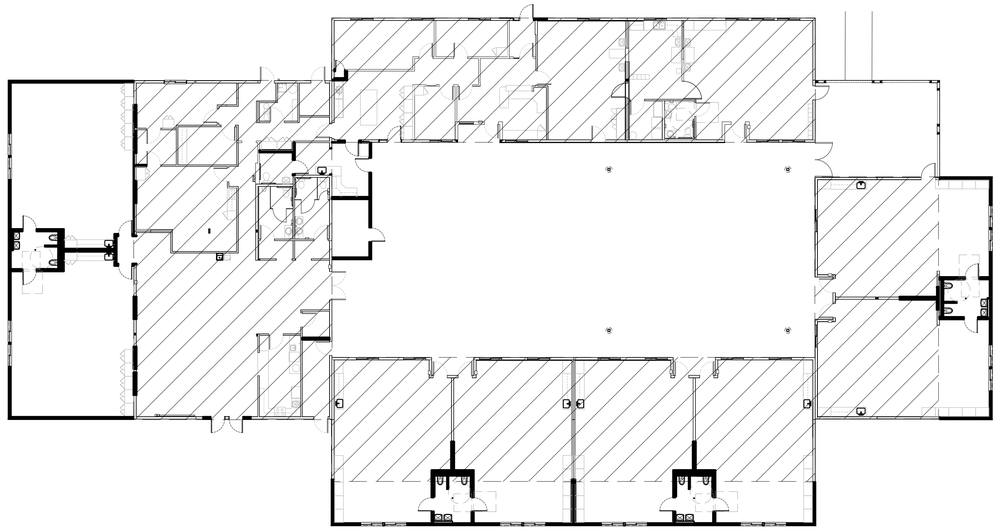
10. WSEC C402.5.1 A CONTINUOUS AIR BARRIER SHALL BE PROVIDED THROUGHOUT THE BUILDING THERMAL ENVELOPE. THE AIR BARRIERS SHALL BE PERMITTED TO BE LOCATED ON THE INSIDE OR OUTSIDE OF THE BUILDING ENVELOPE, LOCATED WITHIN THE ASSEMBLIES COMPOSING THE ENVELOPE, OR ANY COMBINATION THEREOF. THE AIR BARRIER SHALL COMPLY WITH SECTIONS C402.5.1.1 AND 402.5.1.2

AIR BARRIER SYSTEM NOTES:

CEILING/ BOTTOM OF ROOF TRUSSES: 6 MIL CLEAR VISQUEEN STAPLED TO BOTTOM CHORD OF TRUSSES. SET SEAMS AT TRUSS, FOLD AND OVERLAP VISQUEEN LAYERS AND FASTEN. EXTEND VISQUEEN DOWN TO WALL TOP PLATE AT END WALLS SEAL ALL GAPS, JOINTS AND SEAMS WITH POLYURITHENE SEALANT.

WALLS: GRIP RITE "E" BUILDING WRAP (OR EQUIVALENT) AT EXTERIOR FACE OF WALL, SEAL TO WINDOW, DOOR, AND EXTERIOR PENETRATIONS PER MANUFACTURER'S INSTRUCTIONS. EXTEND BUILDING WRAP UP TO ROOF RIM AND AROUND CORNERS AND SEAL WITH SEAM TAPE. (APPLY CAULKING OR SILL SEAL BETWEEN ROOF RIM AND TOP OF EXTERIOR WALL TOP PLATES)

NOTE:
SHIP LOOSE SEAM TAPE, AND SEALING MATERIALS FOR SITE CREW TO PROPERLY SEAL AIR BARRIER AT BUILDING SITE.
- APPLY SEAM TAPE TO FACE OF BUILDING WRAP AT VERTICAL MATE LINES AT BUILDING ENDS
- SEAL AND GASKET MATE LINE GAP AT FLOOR RIM JOISTS.
- SEAL UNDERSIDE OF CEILING AT MATELINEME WALLS IN ZONES 5, 6, 7, 8 AND MARINE 4 . (IBC 1405.3.1)



TRUE NORTH / PROJECT NORTH

1 EXISTING BUILDING ANALYSIS
1/16" = 1'-0"

0 2 4 8 16'-0" 24'-0"

EXISTING CLASSROOM BUILDING

2018 WASHINGTON STATE BUILDING CODE REFERENCED FOR ANALYSIS OF THIS BUILDING.

OCCUPANCY TYPE: GROUP E-1
CONSTRUCTION TYPE: TYPE V-B
EXISTING BUILDING IS SPRINKLERED

EXISTING CONSTRUCTION (1996):

FIRST FLOOR:	WOOD FLOOR JOISTS OVER CRAWL SPACE (EXISTING R-30 INSULATION TO REMAIN)
EXTERIOR WALLS:	WOOD STUD (EXISTING R-19 INSULATION TO REMAIN)
INTERIOR WALLS:	WOOD STUD
ROOF STRUCTURE:	WOOD TRUSSES WITH WOOD FRAMING (EXISTING R-30 BLOW-IN INSULATION TO REMAIN) NOTE: ADDITIONAL BLOW-IN INSULATION ADDED TO TO PROVIDE R-60.
ROOF DECKING:	PLYWOOD SHEATHING
CEILING FINISH:	ACOUSTICAL TILE
WALL FINISH:	GYPSUM WALL BOARD
DOORS:	HOLLOW METAL AND SOLID CORE WOOD AND WOOD
FRAMES:	HOLLOW METAL

ALLOWABLE HEIGHT 1 STORY
ACTUAL HEIGHT: 1 STORY
ALLOWABLE AREA (TABLE 506.2): 38,000 SQ. FT.

TOTAL AREA OF EXISTING BUILDING: 10,871 SQ. FT. - COMPLIES -

ALLOWABLE BUILDING AREA CALCULATION - SINGLE OCCUPANCY, ONE STORY (FROM IBC 506.2.1):

506.3.2 MINIMUM FRONTAL DISTANCE (Width of public way or open space = W)
W= (Length of a portion of the exterior perimeter wall X Width of open space) / Building perimeter w/ 20' min open space.
29.5 = (629 x 30 + 38 X 21) / 667

506.3.3 AMOUNT OF INCREASE (Percent increase due to clear frontage = I)
I = [Building perimeter w/ open space / Perimeter of entire building - 0.25] W / 30
.73 = [667 / 667 - 0.25] x 29.5 / 30

506.2.1 SINGLE OCCUPANCY, ONE STORY BUILDING (Allowable area = A)
A = [Allowable per table 506.2 + (Non sprinklered allowable per table 506.2 x Clear Frontage Increase)]

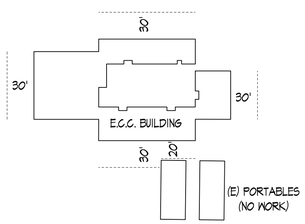
Group E Allowable area / Type 5B construction:
44,935 SF = [38,000 + (9,500 x .73)]

Allowable Area = 44,935 SF

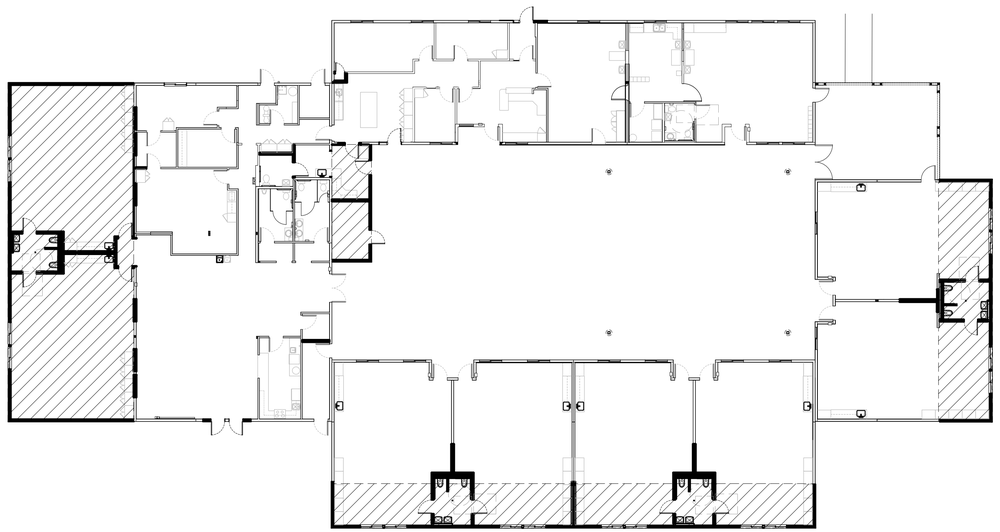
PROPOSED AREA:

EXISTING BUILDING	= 10,871 SF
ADDITIONS	= 4,082 SF
TOTAL AREA	= 14,953 SF

- IN COMPLIANCE -



AREA ANALYSIS



TRUE NORTH / PROJECT NORTH

2 NEW BUILDING ANALYSIS
1/16" = 1'-0"

0 2 4 8 16'-0" 24'-0"

NEW CLASSROOM BUILDING ADDITIONS

2018 WASHINGTON STATE BUILDING CODE REFERENCED FOR ANALYSIS OF THIS BUILDING.

OCCUPANCY TYPE: GROUP E-1
CONSTRUCTION TYPE: TYPE V-B
NEW BUILDING WILL BE SPRINKLERED

NEW CONSTRUCTION:

FIRST FLOOR:	CONCRETE SLAB ON GRADE W/ R-10 RIGID PERIMETER INSULATION
EXTERIOR WALLS:	WOOD STUD W/ R-23 ROCK WOOL BATT INSULATION
INTERIOR WALLS:	WOOD STUD
ROOF STRUCTURE:	WOOD TRUSSES WITH WOOD FRAMING
ROOF DECKING:	PLYWOOD SHEATHING
ROOF INSULATION:	BLOW-IN R-60 AT OPEN TRUSSES (NEW AND EXISTING) R-49 BATT AT FLAT TRUSSES OVER SOUTH CLASSROOM ADDITION R-30 RIGID INSULATION ABOVE ROOF SHEATHING AT FLAT COURTYARD ADDITION
CEILING FINISH:	SUSPENDED ACOUSTICAL TILE + GYPSUM WALL BOARD
WALL FINISH:	GYPSUM WALL BOARD
DOORS:	HOLLOW METAL
FRAMES:	HOLLOW METAL

ALLOWABLE HEIGHT 1 STORY
ACTUAL HEIGHT: 1 STORY
ALLOWABLE AREA (TABLE 506.2): 38,000 SQ. FT.

TOTAL AREA OF BUILDING: 10,871 SQ. FT. EXISTING + 4,082 S.F. NEW = 14,953 SQ. FT. - COMPLIES -

COVERED PLAY

NEW CONSTRUCTION:

COLUMNS:	GLULAM COLUMNS ON CONCRETE PLINTHS
ROOF STRUCTURE:	GLULAM BEAMS
ROOF DECKING:	3 X 6 TONGUE AND GROOVE ROOF DECK

AREA: 1,440 S.F.

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PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
1919
ISSUE DATE
10-31-2024
CURRENT REVISION
BID SET
DRAWING PLOT DATE

REVISION	DATE

KEY PLAN

SHEET NAME
CODE REVIEW AND AREA ANALYSIS
SCALES AS NOTED

SHEET NUMBER
A1.12

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ORIGINAL DOCUMENT SIZE 24" X 36"

GENERAL DEMOLITION NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE STARTING ANY DEMOLITION. DEMOLITION SHALL BE AS REQUIRED AND IN A MANNER SUITABLE TO THE WORK SEQUENCES. EXISTING ITEMS AND/OR FINISHES TO REMAIN SHALL BE SAVED UNLESS OTHERWISE NOTED ON THE DRAWINGS. DEMOLITION DEBRIS AND ITEMS FOR REMOVAL SHALL NOT BE ALLOWED TO DAMAGE BUILDING COMPONENTS AND/OR FINISHES TO REMAIN OR OTHERWISE DAMAGE THE EXISTING BUILDING. SEE CIVIL, STRUCTURAL, MECHANICAL & ELECTRICAL DRAWINGS FOR ADDITIONAL GENERAL NOTES ADDRESSING DEMOLITION.

2. (E) FINISHES, MATERIAL, GLUES, ADHESIVES, ETC. ON FLOORS, CEILINGS, AND WALLS SHALL BE REMOVED AS NECESSARY TO ACCEPT NEW FINISHES.

3. REMOVE ALL VENT STACKS, EXHAUST VENTILATORS AND ANY OTHER OBJECT WHICH PROJECTS THROUGH THE ROOF AND WALLS BUT HAS BEEN RENDERED USELESS BY THE RENOVATION. PATCH THE RESULTING OPENINGS. MATCH EXISTING ADJACENT SURFACES IN MATERIALS AND FINISH.

4. SEE MECHANICAL & ELECTRICAL FOR IDENTIFICATION OF (E) MECHANICAL EQUIPMENT, DUCTWORK, PIPING, ELECTRICAL BOXES, CONDUIT, WIRING, DEVICES, ETC. TO REMAIN IN USE. REMOVE ALL OTHERS. CAP PIPES BEHIND FINISH SURFACES. PATCH ALL FINISH SURFACES. MATCH EXISTING ADJACENT SURFACES IN MATERIALS AND FINISH.

5. SEE ELECTRICAL DRAWINGS FOR EXISTING LIGHTING TO BE REMOVED.

6. PORTIONS OF SLABS AND WALLS TO BE REMOVED FOR NEW OR RELOCATED MECH. AND ELEC. WORK ARE NOT ALL SHOWN. SEE MECHANICAL AND ELECTRICAL DRAWINGS AND/OR SPECS. FOR DEMOLITION WORK.

7. WHERE VAT, VCT OR CARPET IS TO BE REMOVED AND CONCRETE FINISH IS TO REMAIN, REMOVE ALL GLUES, ADHESIVES, ETC.

8. PROVIDE OPENINGS IN (E) WALLS FOR NEW GRILLES, LOUVERS, ETC.

9. THE SHADED AND / OR DASHED AREAS REQUIRING DEMOLITION ARE APPROXIMATE. SEE PLANS AND DETAILS FOR CLARIFICATION.

10. COORDINATE DISPOSAL OF ALL EQUIPMENT AND MATERIALS TO BE REMOVED WITH THE OWNER. DISPOSE OF ALL EQUIPMENT NOT RETAINED BY THE OWNER.

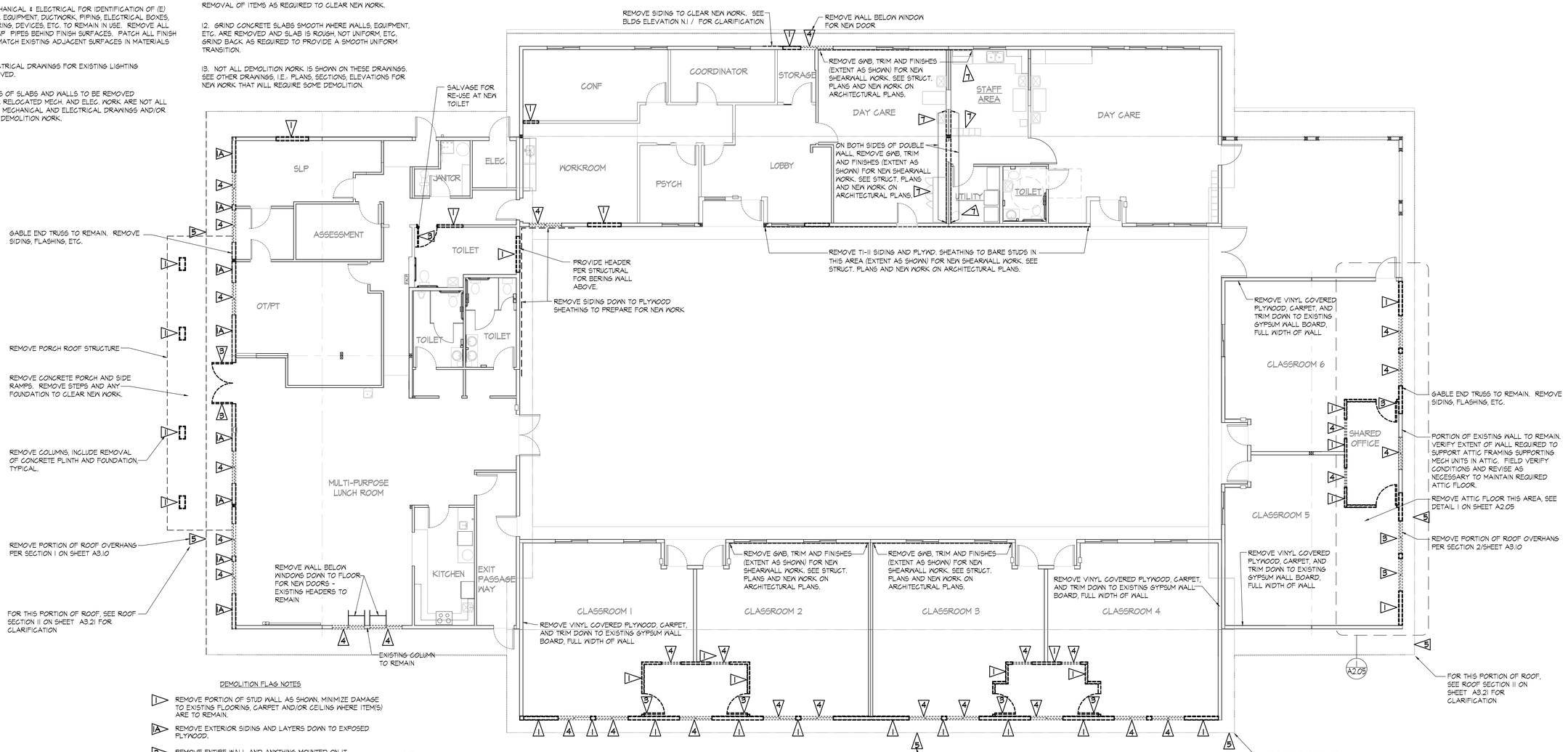
11. ALL WORK COORDINATING WITH EXISTING CONDITIONS IS BASED ON THE EXISTING RECORD DRAWINGS. NOT ALL ITEMS ON WALLS, FLOORS AND CEILINGS TO BE REMOVED ARE SHOWN. CONTRACTOR SHALL INCLUDE A SUFFICIENT ALLOWANCE TO VERIFY ACTUAL CONDITIONS BY FIELD INVESTIGATION AND FOR REMOVAL OF ITEMS AS REQUIRED TO CLEAR NEW WORK.

12. GRIND CONCRETE SLABS SMOOTH WHERE WALLS, EQUIPMENT, ETC. ARE REMOVED AND SLAB IS ROUGH, NOT UNIFORM, ETC. GRIND BACK AS REQUIRED TO PROVIDE A SMOOTH UNIFORM TRANSITION.

13. NOT ALL DEMOLITION WORK IS SHOWN ON THESE DRAWINGS. SEE OTHER DRAWINGS, I.E.: PLANS, SECTIONS, ELEVATIONS FOR NEW WORK THAT WILL REQUIRE SOME DEMOLITION.

14. AT AREAS INDICATING REMOVAL OF CEILING, REMOVAL ALSO INCLUDES LIGHTS, MECH. GRILLES, ABANDONED WIRING AND ALL OTHER ITEMS ON CEILINGS.

15. DEMOLITION SHALL OCCUR IN SEQUENCE WITH PROJECT PHASING. COORDINATE WITH GENERAL CONTRACTOR.



DEMOLITION FLAG NOTES

1. REMOVE PORTION OF STUD WALL AS SHOWN. MINIMIZE DAMAGE TO EXISTING FLOORING, CARPET AND/OR CEILING WHERE ITEM(S) ARE TO REMAIN.
1A. REMOVE EXTERIOR SIDING AND LAYERS DOWN TO EXPOSED PLYWOOD.
2. REMOVE ENTIRE WALL AND ANYTHING MOUNTED ON IT.
3. REMOVE DOOR, FRAME, AND ALL ASSOCIATED HARDWARE.
4. REMOVE WINDOW OR RELITE AND ALL ASSOCIATED HARDWARE.
5. REMOVE PORTION OF ROOF
6. REMOVE STAIRS
7. REMOVE CASEWORK, FIXTURE OR APPLIANCE TO CLEAR NEW SHEAR WALL WORK. SAVE FOR RE-INSTALLATION AFTER STRUCTURAL WORK IS COMPLETE, VERIFY AND COORDIANTE IN FIELD TYP.

NOTE:
THE DEMOLITION NOTES AND DRAWINGS SHALL INDICATE THE GENERAL SCOPE OF DEMOLITION WORK REQUIRED FOR INSTALLATION OF NEW WORK. NOT ALL DEMOLITION AND/OR REMOVAL IS SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEMOLITION AND/OR REMOVAL NOT SPECIFICALLY CALLED OUT OR SHOWN ON DRAWINGS BUT REQUIRED TO ACHIEVE THE FINAL DESIGN INTENT AS INDICATED. REMOVE ALL ITEMS, MATERIALS, SYSTEMS, ETC. NO LONGER USED AND/OR IN CONFLICT WITH NEW WORK. REMOVE ALL OTHER ITEMS, MATERIALS, SYSTEMS, ETC. THAT HAVE BEEN RENDERED USELESS BY NEW WORK. ANY GENERAL DEMOLITION NOTES IN DRAWINGS SHALL APPLY TO ALL WORK ON THIS PROJECT.

TRUE NORTH / PROJECT NORTH

1 FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0"

0 2 4 10'-0" 1 3 5 20'-0"
SCALE: 1/8" = 1'-0"

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CHECKED BY: S.C.
APPROVED BY: S.C.

PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

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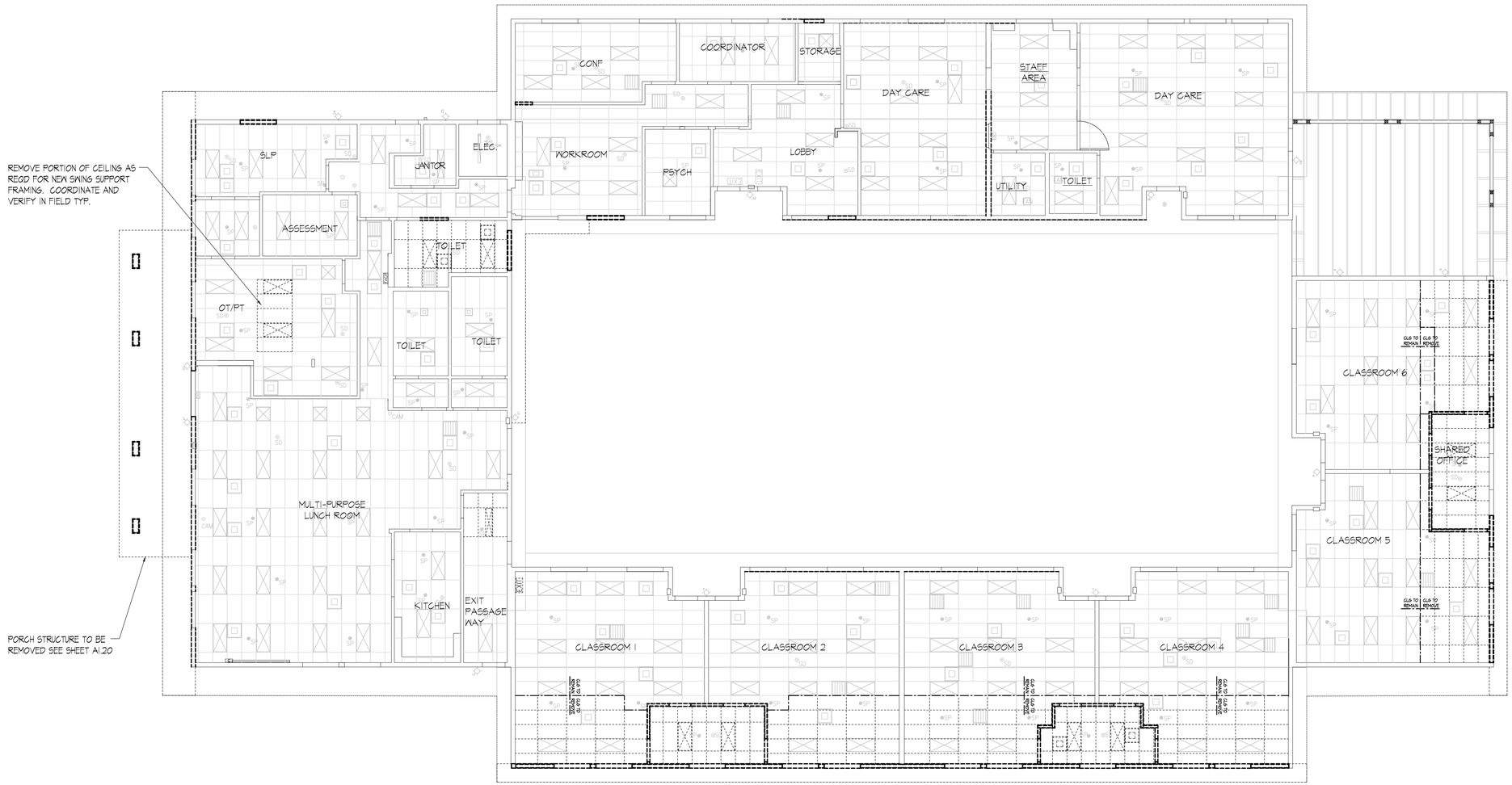
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BID SET	10/31/24

DEMO FLOOR PLAN AND NOTES
SCALE AS NOTED

A1.20

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GENERAL DEMOLITION NOTES

1. ALL WORK COORDINATING WITH EXISTING CONDITIONS IS BASED ON EXISTING RECORD DRAWINGS. NOT ALL ITEMS ON WALLS, FLOORS AND CEILINGS (REQUIRED TO BE REMOVED) ARE SHOWN. THE DEMOLITION CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS BY FIELD INVESTIGATION PRIOR TO BID AND INCLUDE A SUFFICIENT ALLOWANCE IN THE BID FOR THE REMOVAL OF ALL ITEMS AS REQUIRED TO CLEAR NEW WORK.
2. THE FULL EXTENT OF DEMOLITION AS REQUIRED FOR ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL & ELECTRICAL WORK IS NOT SHOWN ON THE DEMOLITION DRAWINGS. DEMOLITION CONTRACTOR SHALL USE FIELD INVESTIGATIONS, REVIEW & USE ALL CONSTRUCTION DOCUMENTS (I.E. ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL & SPECIFICATIONS) TO DETERMINE & COMPLETE THE DEMOLITION WORK REQUIRED. - TYPICAL
3. THE DEMOLITION DRAWINGS ARE APPROXIMATE. SEE PLANS, SECTIONS, ELEVATIONS AND DETAILS FOR CLARIFICATION OF AREAS REQUIRING DEMOLITION. THE DEMOLITION CONTRACTOR SHALL REVIEW ALL DRAWINGS AND COORDINATE WITH ALL TRADES PRIOR TO THE START OF DEMOLITION.
4. THE DEMOLITION CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT, REPAIR OR RENOVATION OF ANY DAMAGED, DESTROYED OR REMOVED ITEM THAT WAS NOT TO BE DEMOLISHED OR REMOVED. - TYPICAL
5. (E) FINISHES, MATERIALS, GLUES, ADHESIVES, ETC. ON ANY SURFACE (i.e. FLOORS, CEILINGS & WALLS, ETC.) SHALL BE REMOVED AS NECESSARY TO ACCEPT NEW FINISHES. DEMOLITION CONTRACTOR SHALL FIELD VERIFY IF MULTIPLE LAYERS EXIST (i.e. CARPET OVER VCT) AND INCLUDE IN THE BID REMOVAL OF ALL ITEMS, INCLUDING MASTICS DOWN TO SLAB, DECK OR OTHER SURFACE SPECIFIED IN THE DRAWINGS OR SPECIFICATIONS. - TYPICAL
6. AT AREAS INDICATING REMOVAL OF CEILING, REMOVAL ALSO INCLUDES LIGHTS, MECH. GRILLES, ABANDONED WIRING AND ALL OTHER ITEMS ON CEILINGS.
7. DEMOLITION SHALL OCCUR IN SEQUENCE WITH PROJECT PHASING. COORDINATE WITH GENERAL CONTRACTOR.

TRUE NORTH / PROJECT NORTH

1 FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN
1/8" = 1'-0"

0 2 4 10'-0" 3 5 20'-0"

SCALE: 1/8" = 1'-0"

DEMOLITION REFLECTED CEILING PLAN LEGEND

EXISTING
- SUSPENDED ACOUSTICAL PANEL (EXISTING)
- RECESSED LIGHT FIXTURE (EXISTING)
- LARGE PENDANT LIGHT FIXTURE (EXISTING)
- CEILING DIFFUSER, OR GRILLE (EXISTING)
- EXIT SIGN (EXISTING)
- SP SPRINKLER HEAD (EXISTING)

EXISTING ITEM IN NEW CEILING
TO BE LOCATED IN SAME POSITION IN NEW CEILING
- CEILING DIFFUSER, OR GRILLE (EXISTING)
- EXIT SIGN (EXISTING)
- SP SPRINKLER HEAD (EXISTING)

EXISTING ITEM IN NEW CEILING
TO BE RE-LOCATED IN NEW CEILING
- CEILING DIFFUSER, OR GRILLE (EXISTING)
- SD SMOKE DETECTOR (EXISTING)

ITEMS TO BE DEMOLISH
TO BE REMOVED
- SUSPENDED ACOUSTICAL PANEL (EXISTING)
- RECESSED LIGHT FIXTURE (EXISTING)
- EXIT SIGN (EXISTING)
- PROJECTOR (EXISTING)

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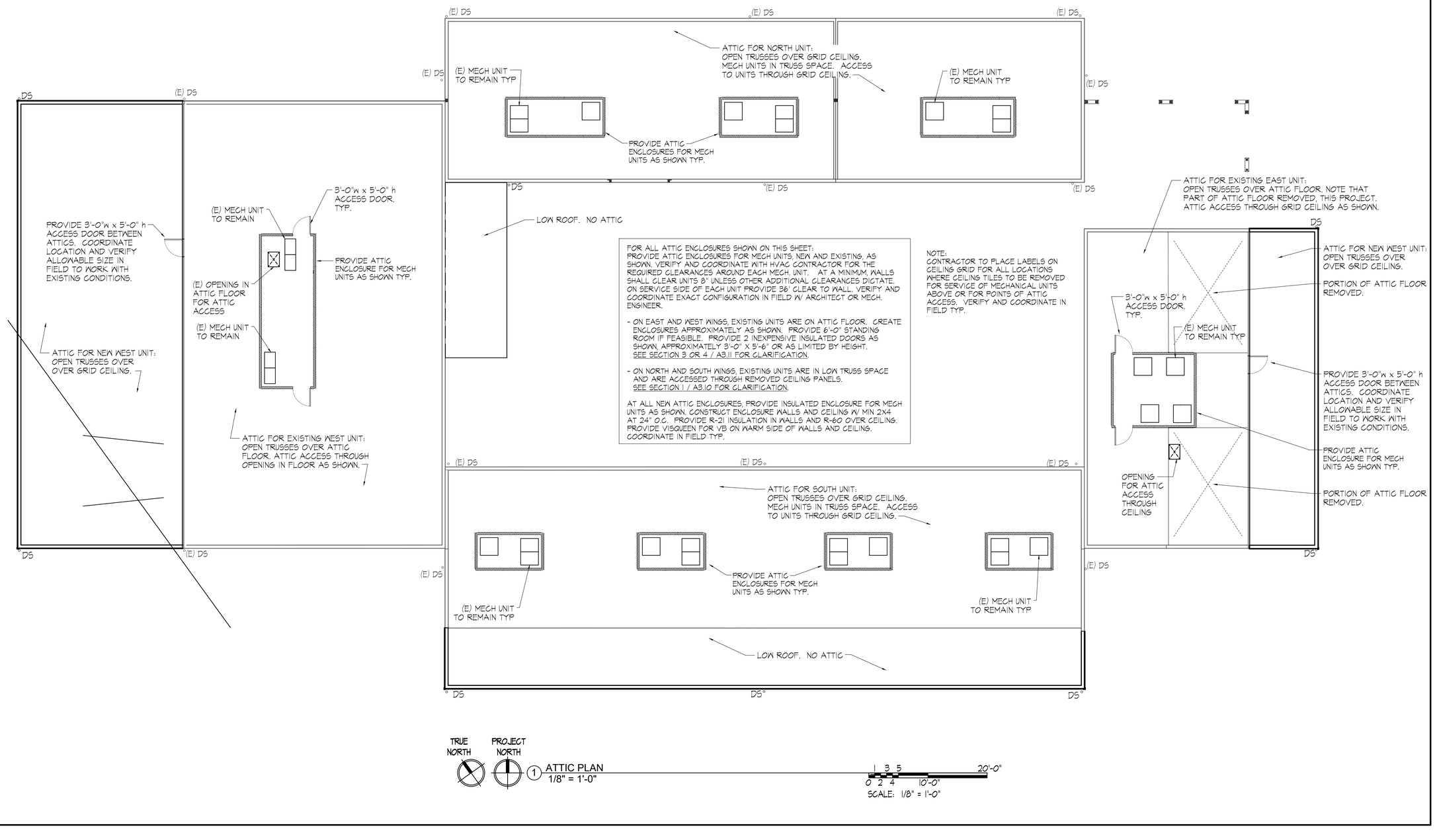
DEMO REFLECTED CEILING PLAN AND NOTES

SCALE AS NOTED

A1.21

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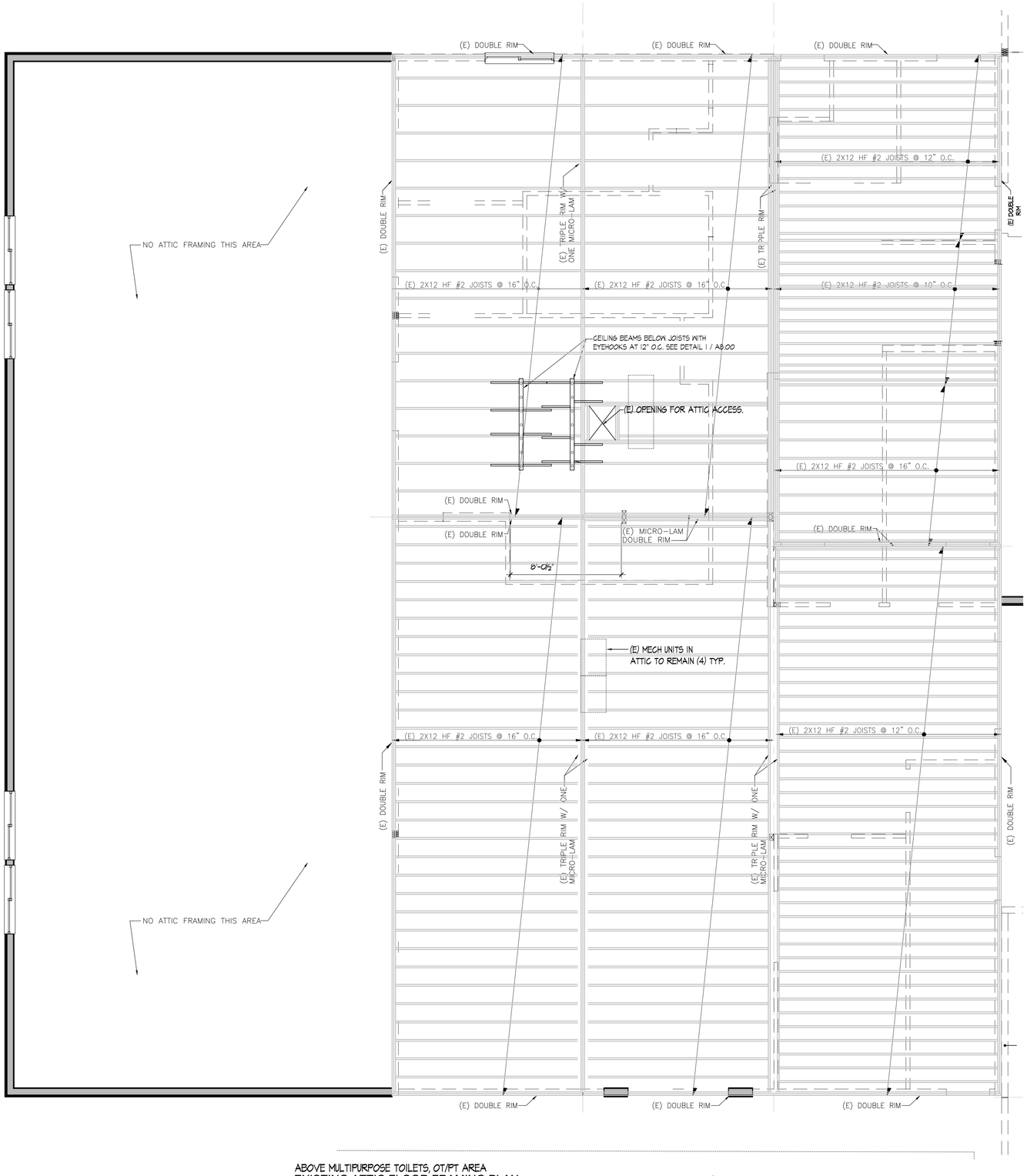
ATTIC PLAN

SCALES AS NOTED

A2.04

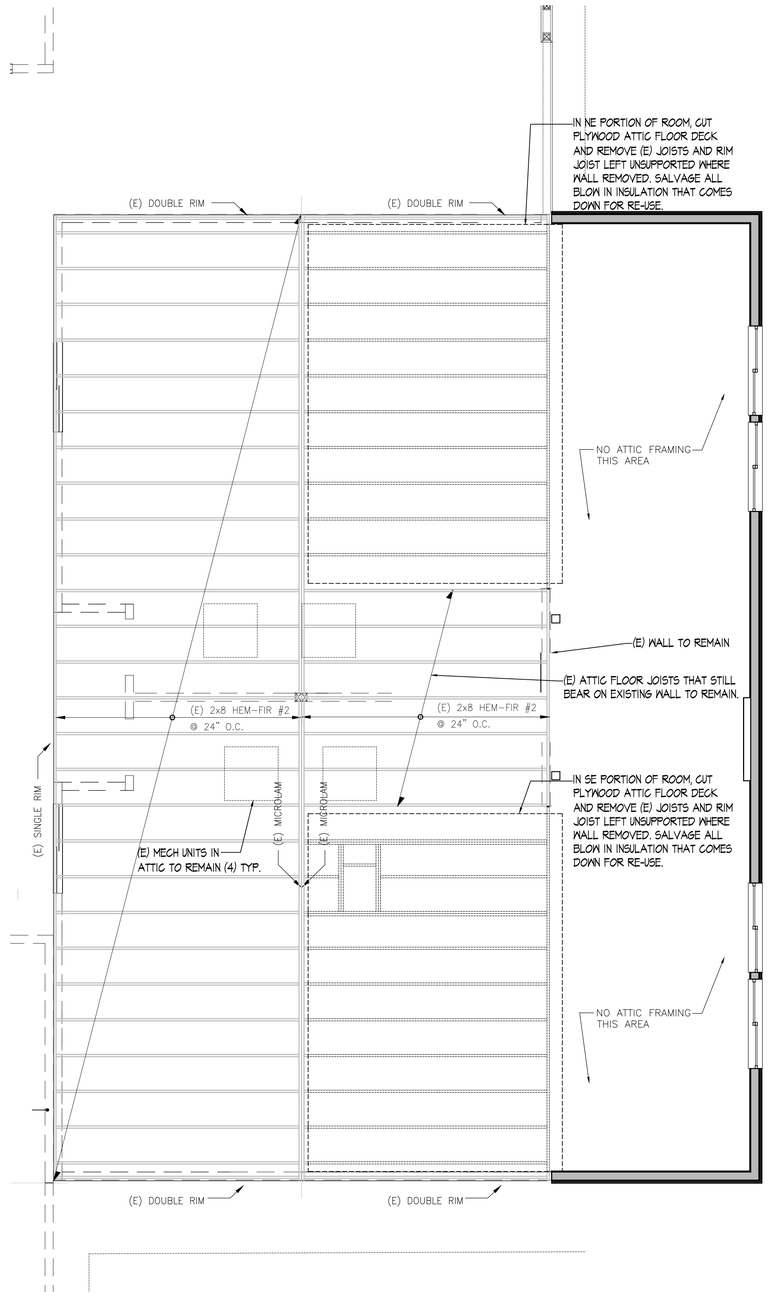
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ABOVE MULTIPURPOSE TOILETS, OT/PT AREA
② EXISTING ATTIC FLOOR FRAMING PLAN
1/4" = 1'-0"

0 2 4 3 5 10'-0"
SCALE: 1/4" = 1'-0"



ABOVE CLASSROOMS 5 AND 6
① EXISTING ATTIC FLOOR FRAMING PLAN
1/4" = 1'-0"

0 2 4 3 5 10'-0"
SCALE: 1/4" = 1'-0"

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ATTIC FLOOR FRAMING PLANS

SCALES AS NOTED

A2.05

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ROOF VENTING PROVIDED:
EXISTING AND NEW GABLE END EAVE VENTS = 2.14 S.F. EACH
EXISTING RIDGE VENT = 0.12 S.F. PER LINEAL FOOT
NEW RIDGE VENT = 0.074 S.F. PER LINEAL FOOT
EXISTING SOFFIT VENT = 0.08 S.F. PER LINEAL FOOT
NEW SOFFIT VENT = 0.15 S.F. PER LINEAL FOOT

VENTING SHOWN AS DASHED LINE:
EXISTING
NEW

WEST ROOF AREA OVER CONDITIONED SPACE:
(5,474 S.F.) (1/300) = 18.25 S.F. ATTIC VENTING REQUIRED
GABLE END EAVE VENTS: (2.14) (2) = 4.28 S.F. PROVIDED
RIDGE VENTS: [EXISTING (44.25') (0.12) = 5.31 S.F.] + [NEW (27.9') (0.074) = 2.06 S.F.] = 7.37 SF PROVIDED
SOFFIT VENTS: [EXISTING (96') (0.08) = 7.68 S.F.] + [NEW (48') (0.15) = 7.2 S.F.] = 14.88 SF PROVIDED
ATTIC VENTING PROPOSED IS 26.53 S.F. [PROPOSED > REQUIRED] - COMPLIES

NORTH ROOF AREA OVER CONDITIONED SPACE:
(2,992 S.F.) (1/300) = 9.97 S.F. ATTIC VENTING REQUIRED
(E) GABLE END EAVE VENTS: (2.14) (2) = 4.28 S.F. PROVIDED
RIDGE VENTS: [EXISTING (108') (0.12) = 12.96 S.F.]
SOFFIT VENTS: [EXISTING (207') (0.08) = 16.56 S.F.]
ATTIC VENTING PROPOSED IS 33.8 S.F. [PROPOSED > REQUIRED] - COMPLIES

EAST ROOF AREA OVER CONDITIONED SPACE:
(2,124 S.F.) (1/300) = 7.10 S.F. ATTIC VENTING REQUIRED
GABLE END EAVE VENTS: (2.14) (2) = 4.28 S.F. PROVIDED
RIDGE VENTS: [EXISTING (28.1') (0.12) = 3.44 S.F.] + [NEW (10.4') (0.074) = 0.77 S.F.] = 4.21 S.F. PROVIDED
SOFFIT VENTS: [EXISTING (51.6') (0.08) = 4.61 S.F.] + [NEW (21.5') (0.15) = 3.23 S.F.] = 7.84 S.F. PROVIDED
ATTIC VENTING PROPOSED IS 12.05 S.F. [PROPOSED > REQUIRED] - COMPLIES

SOUTH ROOF AREA OVER CONDITIONED SPACE:
(4,042 S.F.) (1/300) = 13.47 S.F. ATTIC VENTING REQUIRED
GABLE END EAVE VENTS: (2.14) (2) = 4.28 S.F. PROVIDED
RIDGE VENTS: [EXISTING (107.2') (0.12) = 12.86 S.F.] = 12.86 S.F. PROVIDED
SOFFIT VENTS: [EXISTING (107.9') (0.08) = 8.63 S.F.] + [NEW (108.2') (0.15) = 16.23 S.F.] = 24.86 S.F. PROVIDED
ATTIC VENTING PROPOSED IS 41.00 S.F. [PROPOSED > REQUIRED] - COMPLIES

TRUE NORTH
PROJECT NORTH

1 ROOF PLAN
1/8" = 1'-0"

0 2 4 8 10'-0" 20'-0"
SCALE: 1/8" = 1'-0"

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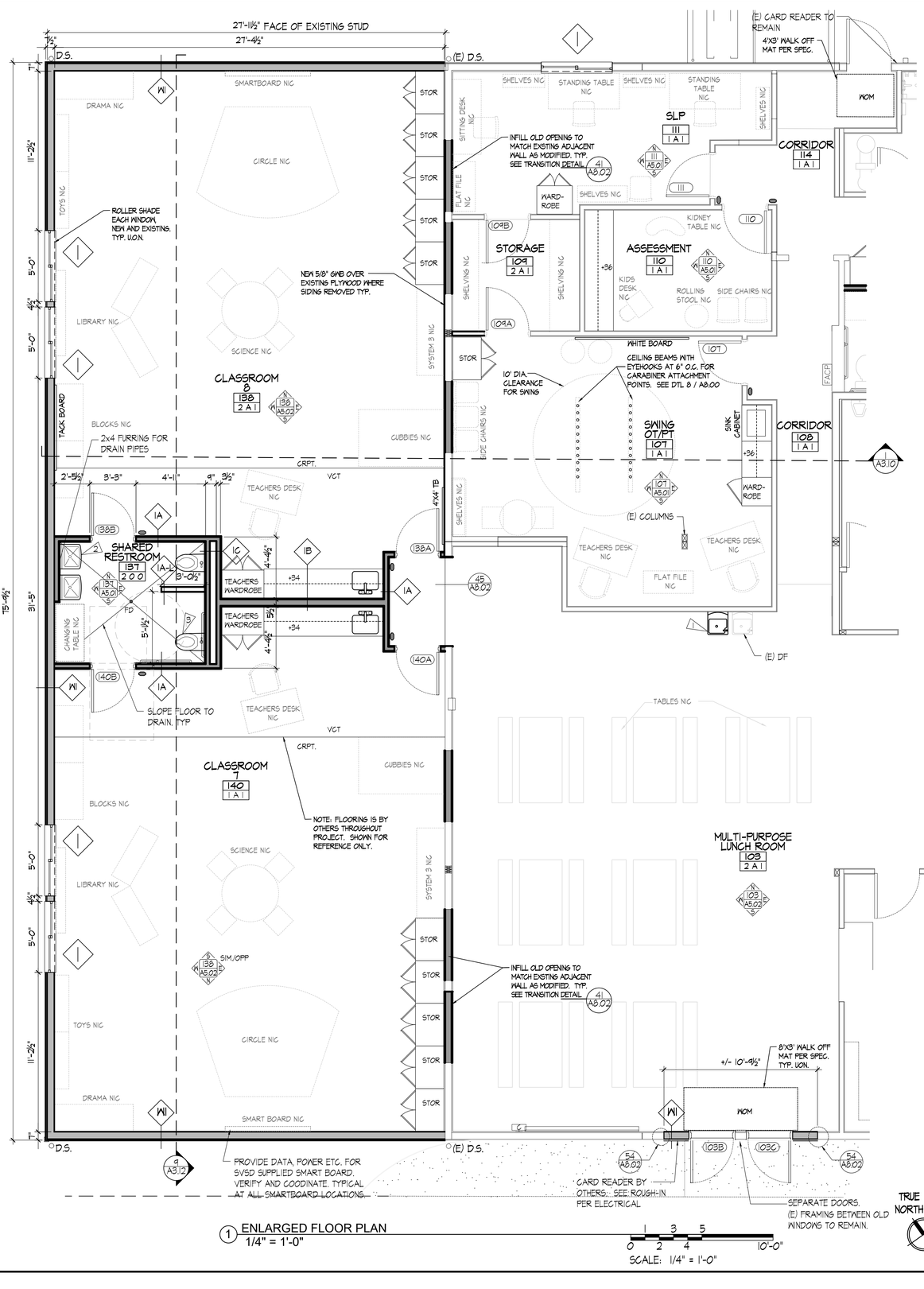
REVISION	DATE
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ROOF PLAN
SCALE AS NOTED

A2.06

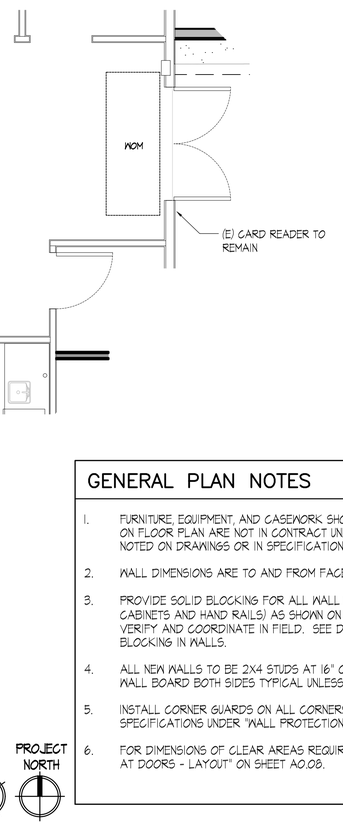
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1 ENLARGED FLOOR PLAN
1/4" = 1'-0"

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



PARTITION TYPES

- 1A — 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB BOTH SIDES UP TO STRUCTURE. INCLUDE ACOUSTICAL INSULATION. SEE A0.11
  *NOTE: ALL NEW INTERIOR PARTITIONS TO BE TYPE "1A" U.O.N.
- 1A-R — ONE HOUR RATED: 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB BOTH SIDES UP TO STRUCTURE. INCLUDE ACOUSTICAL INSULATION. SEE A0.11
- 1A-L — 34" HALF HEIGHT WALL / 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB, BOTH SIDES. CONSTRUCT AND FINISH PER SECTION 15 / A3.21.
- 1B — 2x6 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB BOTH SIDES UP TO STRUCTURE. INCLUDE ACOUSTICAL INSULATION.
- 1C — PLUMBING WALL: 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB AND FRP FINISH ON TOILET ROOM SIDE + AIR SPACE + 2X4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB UP TO STRUCTURE ON ROOM SIDE OF CHASE – VERIFY DIMENSIONS REQUIRED FOR WALL MOUNTED TOILET HANGERS WITH MANUFACTURER. SEE A0.11

EXTERIOR WALL TYPES

- W1 — 2x6 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GYPSUM WALL BOARD ON INTERIOR WITH 1/2" PLYWOOD, 3/4" FURRING, AND 3/4" FIBER CEMENT LAP OR PANEL SIDING ON EXTERIOR: SEE DETAILS 44, 53, AND 54. R-21 BATT INSULATION. SEE A0.11

KEY NOTES

1. FOR ADDITIONAL DIMENSIONS AND LAYOUT OF ACCESSIBLE DRINKING FOUNTAIN, SEE "ACCESSIBLE LAYOUTS", SHEET A0.08, DIAGRAM 24.
2. FOR ADDITIONAL DIMENSIONS AND LAYOUT OF CHILD ACCESSIBLE LAVATORY AND ASSOCIATED ACCESSORIES, SEE "ACCESSIBLE LAYOUTS", SHEET A0.08, DIAGRAM 30.
3. FOR ADDITIONAL DIMENSIONS AND LAYOUT OF CHILD ACCESSIBLE TOILET AND ASSOCIATED ACCESSORIES, SEE "ACCESSIBLE LAYOUTS", SHEET A0.08, DIAGRAM 31.

DOOR AND FRAME SCHEDULE

1. DOOR TYPES:
   A, AA; B, BB (6"×10", 8", 43"); C, CC (6"×6", 8", 43"); D, DD (8"×8", 8", 18", 44", 15"); E (DUTCH DOOR, 43"); DASHED LINE INDICATES EXTENT OF DOOR SWING
2. DOOR CONSTRUCTION:
   SC–SOLID CORE WOOD; AL–ALUMINUM; XHD–EXTRA HEAVY DUTY
   HM–HOLLOW METAL; HD–HEAVY DUTY; MD–MAXIMUM DUTY
3. DOOR FACING & FINISH:
   WP–WOOD PAINTED; WS–WOOD STAINED
   MP–METAL PAINTED; MF–METAL FINISH
4. GLASS:
   CG–CLEAR GLASS; LS–LAMINATED SAFETY
   TS–TEMPERED SAFETY; ILS–INSULATED LAMINATED SAFETY
5. DOOR FRAME CONSTRUCTION:
   WD–WOOD FRAME; AL–ALUMINUM FRAME; XHD–EXTRA HEAVY DUTY
   HM–HOLLOW METAL FRAME; HD–HEAVY DUTY; MD–MAXIMUM DUTY
6. 20, 45, 60, 90, 180 INDICATES MINUTES OF FIRE RATING.
7. DOOR HARDWARE GROUP AS INDICATED IN SPECIFICATIONS.
8. HEAD, JAMB AND SILL DETAILS. NUMBER INDICATES DETAIL ON SHEETS A8.00 – A8.02.
9. NOTE AS DIRECTED. ADDITIONALLY REFERENCE REMARK IN COLUMN TO NUMBERED REMARK BELOW
10. GENERAL DOOR NOTES:
    - ALL DOORS 1 3/4" THICK UNLESS OTHERWISE NOTED.
    - ALL LATCH & LOCK SETS TO BE LEVER
    - CENTERLINE OF PUSHER STRIKE TO BE AT 39" A.F.F. AT ALL DOORS W/ PANIC HARDWARE

NUMBERED REMARKS (SEE NOTE 9 ABOVE AND COLUMN 9 BELOW)

- DOOR NOTE #1 – INCLUDE WEATHERSTRIPPING GASKETS
- DOOR NOTE #2 – INCLUDE CLOSER
- DOOR NOTE #3 – INCLUDE SMOKE GASKETS
- DOOR NOTE #4 – INCLUDE PANIC HARDWARE
- DOOR NOTE #5 – INCLUDE INCLUDE AUTOMATIC DOOR OPENER
- DOOR NOTE #6 – DOOR ON FIRE ALARM HOLD OPENS
- DOOR NOTE #7 – FIELD VERIFY SIZE FOR NEW DOOR IN EXISTING FRAME
- DOOR NOTE #8 – FIELD VERIFY SIZE FOR NEW DOOR AND AND FRAME IN EXISTING ROUGH OPENING

DOOR NUMBER	ROOM NAME	OPENING SIZE	DOOR TYPE (NOTE 1)	DOOR CONSTRUCTION (NOTE 2)	DOOR FACING/FINISH (NOTE 3)	GLASS (NOTE 4)	FRAME CONSTRUCTION (NOTE 5)	DOOR/FRAME RATING (NOTE 6)	HARDWARE GROUP (NOTE 7)	HEAD (NOTE 8)	JAMB (NOTE 8)	THRESHOLD (NOTE 8)	U VALUE (NOTE 8)	REMARKS (NOTE 9)
103B	MULTI–PURPOSE LUNCH ROOM	3'–0" x 6'–8"	B	HM	PT	LS	HM HD		1	25	26	32	.38	INCLUDE PANIC & CLOSURE HRDWRE. AND WEATHERSTRIPPING. DOOR TO BE STEELCRAFT L16 POLYURETHANE
103C	MULTI–PURPOSE LUNCH ROOM	3'–0" x 6'–8"	B	HM	PT	LS	HM HD		2	25	26	32	.38	INCLUDE PANIC & CLOSURE HRDWRE. AND WEATHERSTRIPPING. DOOR TO BE STEELCRAFT L16 POLYURETHANE
107	SWING OT/PT	EXISTING – FIELD VERIFY							(E)					
109A	STORAGE	EXISTING – FIELD VERIFY							(E)					
109B	STORAGE	EXISTING – FIELD VERIFY							(E)					
110	ASSESSMENT	EXISTING – FIELD VERIFY							(E)					
111	SLP	EXISTING – FIELD VERIFY							(E)					
138A	CLASSROOM 8	3'–0" x 6'–8"	B	WD	WS	LS	HM HD	–	3	25	26	19		INCLUDE SMOKE GASKETS.
138B	CLASSROOM 8	3'–0" x 6'–8"	E	WD	WS	LS	HM HD	–	4	25	26	19		INCLUDE DUTCH DOOR HARDWARE
140A	CLASSROOM 7	3'–0" x 6'–8"	B	WD	WS	–	HM HD	–	3	25	26	19		INCLUDE SMOKE GASKETS.
140B	CLASSROOM 7	3'–0" x 6'–8"	E	WD	WS	–	HM HD	–	4	25	26	19		INCLUDE DUTCH DOOR HARDWARE

NOTE: SIGNAGE SCHEDULE SEE A0.06

GENERAL PLAN NOTES

1. FURNITURE, EQUIPMENT, AND CASEWORK SHOWN AS DOTTED ON FLOOR PLAN ARE NOT IN CONTRACT UNLESS OTHERWISE NOTED ON DRAWINGS OR IN SPECIFICATIONS. SEE EXAMPLE HERE:
2. WALL DIMENSIONS ARE TO AND FROM FACE OF STUD UNLESS OTHERWISE NOTED.
3. PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT (INCLUDING CABINETS AND HAND RAILS) AS SHOWN ON PLANS, DETAILS, OR ELEVATIONS. VERIFY AND COORDINATE IN FIELD. SEE DETAILS ON SHEET A8.00 FOR TYPICAL BLOCKING IN WALLS.
4. ALL NEW WALLS TO BE 2X4 STUDS AT 16" ON CENTER WITH 5/8" TYPE X GYPSUM WALL BOARD BOTH SIDES TYPICAL UNLESS NOTED OTHERWISE.
5. INSTALL CORNER GUARDS ON ALL CORNERS. QUANTITY OF GUARDS LISTED IN SPECIFICATIONS UNDER "WALL PROTECTION."
6. FOR DIMENSIONS OF CLEAR AREAS REQUIRED AT NEW DOORS SEE "CLEAR AREA AT DOORS - LAYOUT" ON SHEET A0.08.

ROOM MATERIAL SCHEDULE

OFFICE 129 1A3 — ROOM NAME; ROOM NUMBER; ROOM MATERIAL CODES (SEE LIST AT RIGHT)

SEE COLUMNS BELOW
1ST NO. FLOOR FINISH
2ND NO. WALL BASE
3RD NO. WALL FINISH

ROOM MATERIAL CODE LIST

FLOOR FINISH (NIC)		WALL BASE		WALL FINISH	
0	SPECIAL SEE PLANS AND DETAILS	0	SPECIAL SEE ELEVATIONS AND DETAILS	0	SPECIAL SEE ELEVATIONS AND DETAILS
1	CARPET	A	RUBBER BASE AT ALL WALLS	1	NEW PAINT ALL WALLS
2	VINYL	B	EXISTING BASE UON	2	EXISTING WALLS UON
3	EXISTING FLOOR UNO	C	VARIES SEE INTERIOR ELEVATIONS	3	VARIES SEE INTERIOR ELEVATIONS

NOTES :
1. PER 2018 WASHINGTON BUILDING CODE TABLE 803.13 "SPRINKLERED" ALL FINISHES NEED TO MEET CLASS C REQUIREMENTS.
2. FLOORING IS BY OTHERS THROUGHOUT PROJECT AND IS SHOWN FOR REFERENCE ONLY.

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8879 REGISTERED ARCHITECT
Scott Alan Connor
STATE OF WASHINGTON

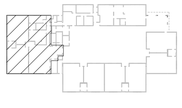
DRAWN BY: amv + IS
CHECKED BY: S.C.
APPROVED BY: S.C.

PROJECT NAME: EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS: SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO. 1919
ISSUE DATE 10-31-2024
CURRENT REVISION BID SET
DRAWING PLOT DATE

REVISION	DATE
BID SET	10/31/24



ENLARGED FLOOR PLAN
SCALES AS NOTED

A2.10

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ORIGINAL DOCUMENT SIZE 24" X 36"

PARTITION TYPES

1A — 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB BOTH SIDES UP TO STRUCTURE. INCLUDE ACOUSTICAL INSULATION. SEE A0.11

*NOTE: ALL NEW INTERIOR PARTITIONS TO BE TYPE "1A" U.O.N.

1A-R — ONE HOUR RATED: 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB BOTH SIDES UP TO STRUCTURE. INCLUDE ACOUSTICAL INSULATION. SEE A0.11

1A-L — 34" HALF HEIGHT WALL / 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB, BOTH SIDES. CONSTRUCT AND FINISH PER SECTION 15 / A3.21.

1B — 2x6 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB BOTH SIDES UP TO STRUCTURE. INCLUDE ACOUSTICAL INSULATION.

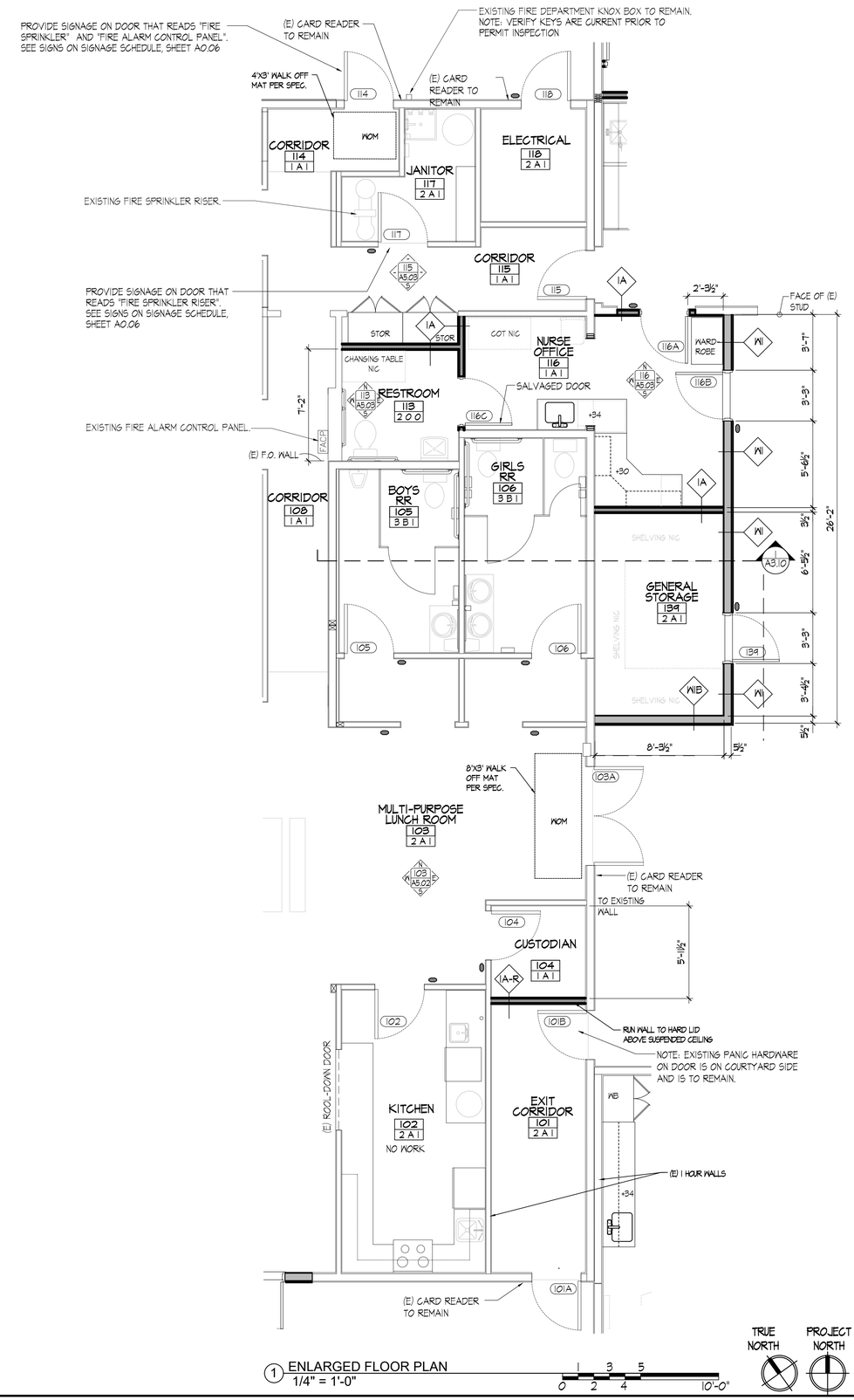
1C — PLUMBING WALL: 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB AND FRP FINISH ON TOILET ROOM SIDE + AIR SPACE + 2X4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB UP TO STRUCTURE ON ROOM SIDE OF CHASE – VERIFY DIMENSIONS REQUIRED FOR WALL MOUNTED TOILET HANGERS WITH MANUFACTURER. SEE A0.11

EXTERIOR WALL TYPES

W1 — 2x6 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GYPSUM WALL BOARD ON INTERIOR WITH 1/2" PLYWOOD, 3/4" FURRING, AND 3/4" FIBER CEMENT LAP OR PANEL SIDING ON EXTERIOR: SEE DETAILS 44, 53, AND 54. R-21 BATT INSULATION. SEE A0.11

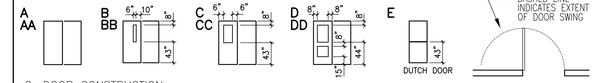
GENERAL PLAN NOTES

1. FURNITURE, EQUIPMENT, AND CASEWORK SHOWN AS DOTTED ON FLOOR PLAN ARE NOT IN CONTRACT UNLESS OTHERWISE NOTED ON DRAWINGS OR IN SPECIFICATIONS. SEE EXAMPLE HERE:
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6. FOR DIMENSIONS OF CLEAR AREAS REQUIRED AT NEW DOORS SEE "CLEAR AREA AT DOORS - LAYOUT" ON SHEET A0.08.



DOOR AND FRAME SCHEDULE

1. DOOR TYPES:



2. DOOR CONSTRUCTION:
   SC–SOLID CORE WOOD AL–ALUMINUM XHD–EXTRA HEAVY DUTY
   HM–HOLLOW METAL HD–HEAVY DUTY MD–MAXIMUM DUTY
3. DOOR FACING & FINISH:
   WP–WOOD PAINTED WS–WOOD STAINED
   MP–METAL PAINTED MF–METAL FINISH
4. GLASS:
   CG–CLEAR GLASS LS–LAMINATED SAFETY
   TS–TEMPERED SAFETY ILS–INSULATED LAMINATED SAFETY
5. DOOR FRAME CONSTRUCTION:
   WD–WOOD FRAME AL–ALUMINUM FRAME XHD–EXTRA HEAVY DUTY
   HM–HOLLOW METAL FRAME HD–HEAVY DUTY MD–MAXIMUM DUTY
6. 20, 45, 60, 90, 180 INDICATES MINUTES OF FIRE RATING.
7. DOOR HARDWARE GROUP AS INDICATED IN SPECIFICATIONS.
8. HEAD, JAMB AND SILL DETAILS. NUMBER INDICATES DETAIL ON SHEETS A8.00 – A8.02.
9. NOTE AS DIRECTED. ADDITIONALLY REFERENCE REMARK IN COLUMN TO NUMBERED REMARK BELOW
10. GENERAL DOOR NOTES:
    - ALL DOORS 1 3/4" THICK UNLESS OTHERWISE NOTED.
    - ALL LATCH & LOCK SETS TO BE LEVER
    - CENTERLINE OF PUSHER STRIKE TO BE AT 39" A.F.F. AT ALL DOORS W/ PANIC HARDWARE

NUMBERED REMARKS (SEE NOTE 9 ABOVE AND COLUMN 9 BELOW)

DOOR NOTE #1 – INCLUDE WEATHERSTRIPPING GASKETS
DOOR NOTE #2 – INCLUDE CLOSER
DOOR NOTE #3 – INCLUDE SMOKE GASKETS
DOOR NOTE #4 – INCLUDE PANIC HARDWARE
DOOR NOTE #5 – INCLUDE INCLUDE AUTOMATIC DOOR OPENER
DOOR NOTE #6 – DOOR ON FIRE ALARM HOLD OPENS
DOOR NOTE #7 – FIELD VERIFY SIZE FOR NEW DOOR IN EXISTING FRAME
DOOR NOTE #8 – FIELD VERIFY SIZE FOR NEW DOOR AND AND FRAME IN EXISTING ROUGH OPENING

DOOR NUMBER	ROOM NAME	OPENING SIZE	DOOR TYPE (NOTE 1)	DOOR CONSTRUCTION (NOTE 2)	DOOR FACING/FINISH (NOTE 3)	GLASS (NOTE 4)	FRAME CONSTRUCTION (NOTE 5)	DOOR/FRAME RATING (NOTE 6)	HARDWARE GROUP (NOTE 7)	HEAD (NOTE 8)	JAMB (NOTE 8)	THRESHOLD (NOTE 8)	U VALUE (NOTE 8)	REMARKS (NOTE 9)
101A	CORRIDOR	EXISTING FIELD VERIFY							(E)					EXISTING PANIC & CLOSURE HARDWARE TO REMAIN. NEW WEATHERSTRIPPING.
101B	CORRIDOR	EXISTING FIELD VERIFY							(E)					EXISTING PANIC & CLOSURE HARDWARE TO REMAIN. NEW WEATHERSTRIPPING.
102	KITCHEN	EXISTING FIELD VERIFY							(E)					NOTE: (E) PANIC IS ON COURTYARD SIDE TO EXIT COURTYARD OCCUPANTS. NO CHANGE.
103A	MULTI–PURPOSE LUNCH ROOM	EXISTING FIELD VERIFY							(E)					EXISTING PANIC & CLOSURE HARDWARE TO REMAIN. NEW WEATHERSTRIPPING.
104	CUSTODIAN	EXISTING FIELD VERIFY							(E)					
105	BOY'S RR	EXISTING FIELD VERIFY							(E)					
106	GIRL'S RR	EXISTING FIELD VERIFY							(E)					
114	CORRIDOR EXIT	EXISTING FIELD VERIFY							(E)					EXISTING PANIC & CLOSURE HARDWARE TO REMAIN. NEW WEATHERSTRIPPING.
115	CORRIDOR	EXISTING FIELD VERIFY							(E)					
116A	NURSE OFFICE	3'–0" x 6'–8"	B	WD	WS	LS	WD HD	5	25	26				
116B	NURSE OFFICE	3'–0" x 6'–8"	B	HM	PT	LS	HM HD	6	29	30	24	.38		STANDARD LEVER HARDWARE, INCLUDE WEATHERSTRIPPING. DOOR TO BE STEELCRAFT L16 POLYURETHANE
116C	RESTROOM	3'–0" x 6'–8"	A	WD	WS	–	HM HD	7	25	26	19			
117	JANITOR	EXISTING FIELD VERIFY							(E)					
118	ELECTRICAL	EXISTING FIELD VERIFY							(E)					
139	GENERAL STORAGE	3'–0" x 7'–6"	A	HM	PT	–	HM HD	8	SIM 29	SIM 30	24	.38		STANDARD LEVER HARDWARE, INCLUDE WEATHERSTRIPPING. DOOR TO BE STEELCRAFT L16 POLYURETHANE

ROOM MATERIAL SCHEDULE

OFFICE ← ROOM NAME
129 ← ROOM NUMBER
1A3 ← ROOM MATERIAL CODES (SEE LIST AT RIGHT)

SEE COLUMNS BELOW
1ST NO. FLOOR FINISH
2ND NO. WALL BASE
3RD NO. WALL FINISH

ROOM MATERIAL CODE LIST

FLOOR FINISH (NIC)		WALL BASE		WALL FINISH	
0	SPECIAL SEE PLANS AND DETAILS	0	SPECIAL SEE ELEVATIONS AND DETAILS	0	SPECIAL SEE ELEVATIONS AND DETAILS
1	CARPET	A	RUBBER BASE AT ALL WALLS	1	NEW PAINT ALL WALLS
2	VINYL	B	EXISTING BASE UON	2	EXISTING WALLS UON
3	EXISTING FLOOR UNO	C	VARIES SEE INTERIOR ELEVATIONS	3	VARIES SEE INTERIOR ELEVATIONS

NOTES :
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NOTE: SIGNAGE SCHEDULE SEE A0.06

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Scott Alan Connor
STATE OF WASHINGTON

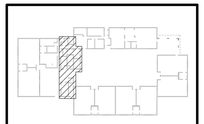
DRAWN BY: amv + IS
CHECKED BY: S.C.
APPROVED BY: S.C.

PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
1919
ISSUE DATE
10-31-2024
CURRENT REVISION
BID SET
DRAWING PLOT DATE

REVISION	DATE
BID SET	10/31/24



ENLARGED FLOOR PLAN
SCALES AS NOTED

A2.11

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ORIGINAL DOCUMENT SIZE 24" X 36"

ROOM MATERIAL SCHEDULE

OFFICE ← ROOM NAME
129 ← ROOM NUMBER
1A3 ← ROOM MATERIAL CODES (SEE LIST AT RIGHT)

SEE COLUMNS BELOW
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NOTES :
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PARTITION TYPES

- 1A — 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB BOTH SIDES UP TO STRUCTURE. INCLUDE ACOUSTICAL INSULATION. SEE A0.11
  *NOTE: ALL NEW INTERIOR PARTITIONS TO BE TYPE "1A" U.O.N.
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- 1A-L — 34" HALF HEIGHT WALL / 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB, BOTH SIDES. CONSTRUCT AND FINISH PER SECTION 15 / A3.21.
- 1B — 2x6 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB BOTH SIDES UP TO STRUCTURE. INCLUDE ACOUSTICAL INSULATION.
- 1C — PLUMBING WALL: 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB AND FRP FINISH ON TOILET ROOM SIDE + AIR SPACE + 2X4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB UP TO STRUCTURE ON ROOM SIDE OF CHASE – VERIFY DIMENSIONS REQUIRED FOR WALL MOUNTED TOILET HANGERS WITH MANUFACTURER. SEE A0.11

EXTERIOR WALL TYPES

- W1 — 2x6 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GYPSUM WALL BOARD ON INTERIOR WITH 1/2" PLYWOOD, 3/4" FURRING, AND 3/4" FIBER CEMENT LAP OR PANEL SIDING ON EXTERIOR: SEE DETAILS 44, 53, AND 54. R-21 BATT INSULATION. SEE A0.11

GENERAL PLAN NOTES

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NOTE: SIGNAGE SCHEDULE SEE A0.06

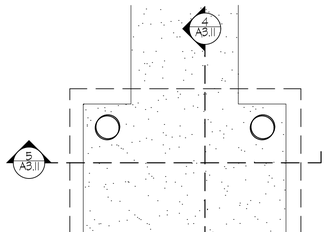
DOOR AND FRAME SCHEDULE

1. DOOR TYPES:
   A, AA; B, BB (6" x 10", 43"); C, CC (6" x 6", 43"); D, DD (6" x 8", 8", 36", 44", 15"); E (DUTCH DOOR, 43"); F (GATE, 36")
2. DOOR CONSTRUCTION:
   SC–SOLID CORE WOOD; HM–HOLLOW METAL; AL–ALUMINUM; HD–HEAVY DUTY; XHD–EXTRA HEAVY DUTY; MD–MAXIMUM DUTY
3. DOOR FACING & FINISH:
   WP–WOOD PAINTED; MP–METAL PAINTED; WS–WOOD STAINED; MF–METAL FINISH
4. GLASS:
   CG–CLEAR GLASS; TS–TEMPERED SAFETY; LS–LAMINATED SAFETY; ILS–INSULATED LAMINATED SAFETY
5. DOOR FRAME CONSTRUCTION:
   WD–WOOD FRAME; HM–HOLLOW METAL FRAME; AL–ALUMINUM FRAME; HD–HEAVY DUTY; XHD–EXTRA HEAVY DUTY; MD–MAXIMUM DUTY
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10. GENERAL DOOR NOTES:
    - ALL DOORS 1 3/4" THICK UNLESS OTHERWISE NOTED.
    - ALL LATCH & LOCK SETS TO BE LEVER
    - CENTERLINE OF PUSHER STRIKE TO BE AT 39" A.F.F. AT ALL DOORS W/ PANIC HARDWARE

NUMBERED REMARKS (SEE NOT 9 ABOVE AND COLUMN 9 BELOW)

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DOOR NOTE #2 – INCLUDE CLOSER
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DOOR NOTE #7 – FIELD VERIFY SIZE FOR NEW DOOR IN EXISTING FRAME
DOOR NOTE #8 – FIELD VERIFY SIZE FOR NEW DOOR AND AND FRAME IN EXISTING ROUGH OPENING

DOOR NUMBER	ROOM NAME	OPENING SIZE	DOOR TYPE (NOTE 1)	DOOR CONSTRUCTION (NOTE 2)	DOOR FACING/FINISH (NOTE 3)	GLASS (NOTE 4)	FRAME CONSTRUCTION (NOTE 5)	DOOR/FRAME RATING (NOTE 6)	HARDWARE GROUP (NOTE 7)	HEAD (NOTE 8)	JAMB (NOTE 8)	THRESHOLD (NOTE 8)	U VALUE	REMARKS (NOTE 9)
119	WORK ROOM	3'-0" x 6'-8"	D	HM	MP	ILS	HM HD		6	39	42	40	.38	STANDARD LEVER HARDWARE. INCLUDE WEATHERSTRIPPING. DOOR TO BE STEELCRAFT L16 POLYURETHANE
120	COORDINATOR OFFICE	EXISTING – FIELD VERIFY							(E)					
121A	CONFERENCE ROOM	EXISTING – FIELD VERIFY							(E)					
121B	CONFERENCE ROOM	2'-0" x 6'-8"	A	WD	WS	–	HM HD		9	25	26	19		
122A	VESTIBULE	EXISTING – FIELD VERIFY							(E)					
122B	VESTIBULE	3'-0" x 6'-8"	D	HM	PT	ILS	HM HD		11	59	51	60	.38	STANDARD LEVER HARDWARE. INCLUDE WEATHERSTRIPPING. DOOR TO BE STEELCRAFT L16 POLYURETHANE
123	LAUNDRY ROOM	EXISTING – FIELD VERIFY							(E)					
124A	DAYCARE	EXISTING – FIELD VERIFY							(E)					EXISTING PANIC & CLOSURE HARDWARE TO REMAIN. NEW WEATHERSTRIPPING.
124B	DAYCARE	EXISTING – FIELD VERIFY							(E)					EXISTING PANIC & CLOSURE HARDWARE TO REMAIN. NEW WEATHERSTRIPPING.
124C	TOILET	EXISTING – FIELD VERIFY							(E)					
124D	DAYCARE	EXISTING GATE – FIELD VERIFY							(E)					
126A	DAYCARE	EXISTING – FIELD VERIFY							(E)					
126B	DAYCARE	EXISTING – FIELD VERIFY							(E)					INCLUDE SMOKE GASKETS.
126C	DAYCARE	EXISTING GATE – FIELD VERIFY							(E)					
141	PSYCH OFFICE	EXISTING – FIELD VERIFY							(E)					
143A	LOBBY/OFFICE	EXISTING – FIELD VERIFY							(E)					
143B	EXIT FROM LOBBY/OFFICE	EXISTING – FIELD VERIFY							(E)					EXISTING PANIC & CLOSURE HARDWARE TO REMAIN. NEW WEATHERSTRIPPING.



1 ENLARGED FLOOR PLAN
1/4" = 1'-0"

0 2 4 3 5 10'-0"

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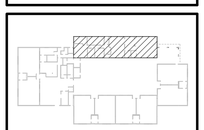
8879 REGISTERED ARCHITECT
Scott Alan Connor
STATE OF WASHINGTON

DRAWN BY: amv + IS
CHECKED BY: S.C.
APPROVED BY: S.C.

PROJECT NAME: EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL
PROJECT ADDRESS: SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO. 1919
ISSUE DATE 10-31-2024
CURRENT REVISION BID SET
DRAWING PLOT DATE

REVISION	DATE
BID SET	10/31/24



ENLARGED FLOOR PLAN
SCALES AS NOTED

A2.12

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ORIGINAL DOCUMENT SIZE 24" X 36"

PARTITION TYPES

- 1A — 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB BOTH SIDES UP TO STRUCTURE. INCLUDE ACOUSTICAL INSULATION. SEE A0.11
  *NOTE: ALL NEW INTERIOR PARTITIONS TO BE TYPE "1A" U.O.N.
- 1A-R — ONE HOUR RATED: 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB BOTH SIDES UP TO STRUCTURE. INCLUDE ACOUSTICAL INSULATION. SEE A0.11
- 1A-L — 34" HALF HEIGHT WALL / 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB, BOTH SIDES. CONSTRUCT AND FINISH PER SECTION 15 / A3.21.
- 1B — 2x6 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB BOTH SIDES UP TO STRUCTURE. INCLUDE ACOUSTICAL INSULATION.
- 1C — PLUMBING WALL: 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB AND FRP FINISH ON TOILET ROOM SIDE + AIR SPACE + 2X4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB UP TO STRUCTURE ON ROOM SIDE OF CHASE – VERIFY DIMENSIONS REQUIRED FOR WALL MOUNTED TOILET HANGERS WITH MANUFACTURER. SEE A0.11

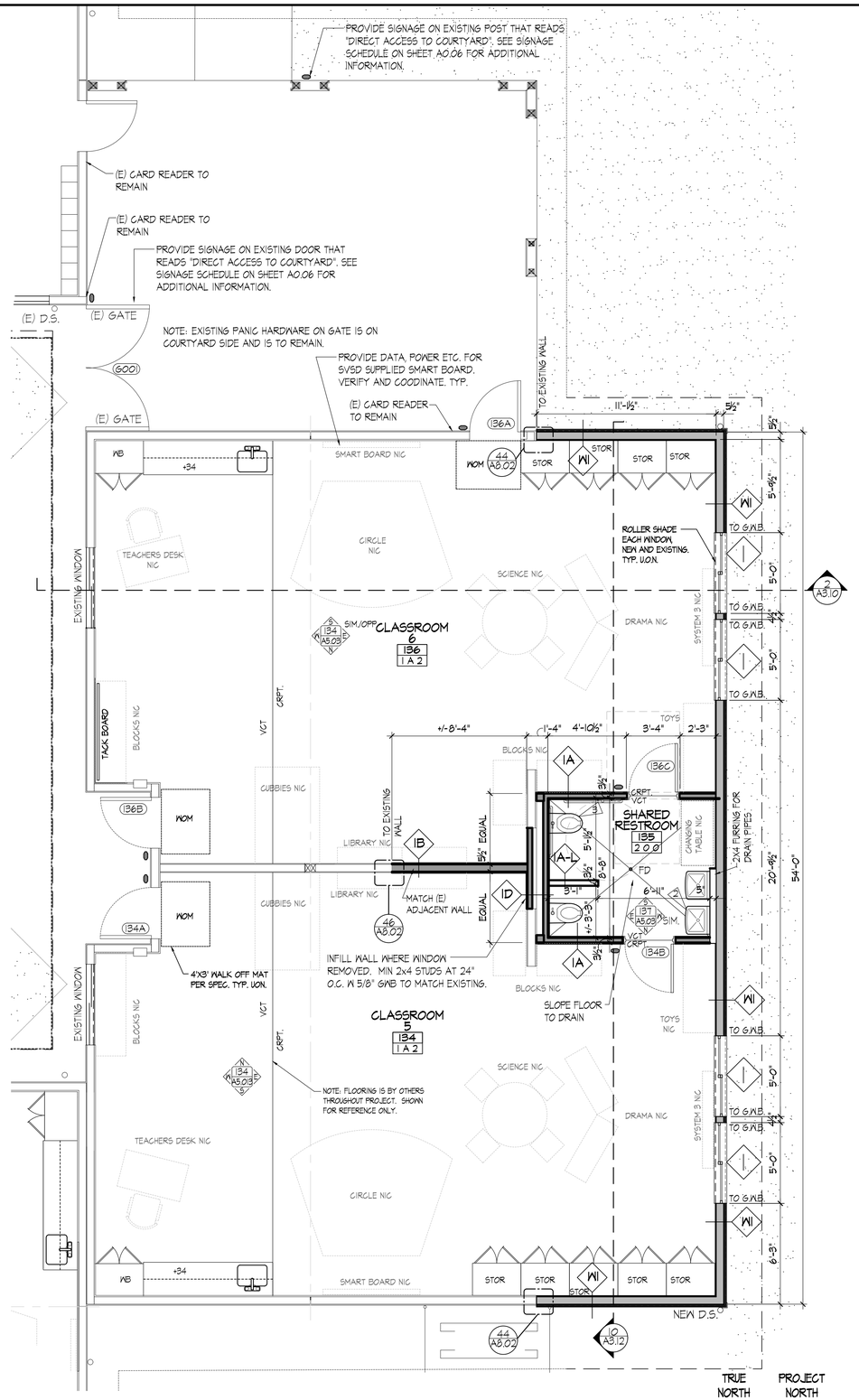
EXTERIOR WALL TYPES

- W1 — 2x6 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GYPSUM WALL BOARD ON INTERIOR WITH 1/2" PLYWOOD, 3/4" FURRING, AND 3/4" FIBER CEMENT LAP OR PANEL SIDING ON EXTERIOR: SEE DETAILS 44, 53, AND 54. R-21 BATT INSULATION. SEE A0.11

GENERAL PLAN NOTES

1. FURNITURE, EQUIPMENT, AND CASEWORK SHOWN AS DOTTED ON FLOOR PLAN ARE NOT IN CONTRACT UNLESS OTHERWISE NOTED ON DRAWINGS OR IN SPECIFICATIONS. SEE EXAMPLE HERE:
2. WALL DIMENSIONS ARE TO AND FROM FACE OF STUD UNLESS OTHERWISE NOTED.
3. PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT (INCLUDING CABINETS AND HAND RAILS) AS SHOWN ON PLANS, DETAILS, OR ELEVATIONS. VERIFY AND COORDINATE IN FIELD. SEE DETAILS ON SHEET A8.00 FOR TYPICAL BLOCKING IN WALLS.
4. ALL NEW WALLS TO BE 2X4 STUDS AT 16" ON CENTER WITH 5/8" TYPE X GYPSUM WALL BOARD BOTH SIDES TYPICAL UNLESS NOTED OTHERWISE.
5. INSTALL CORNER GUARDS ON ALL CORNERS. QUANTITY OF GUARDS LISTED IN SPECIFICATIONS UNDER "WALL PROTECTION."
6. FOR DIMENSIONS OF CLEAR AREAS REQUIRED AT NEW DOORS SEE "CLEAR AREA AT DOORS - LAYOUT" ON SHEET A0.08.

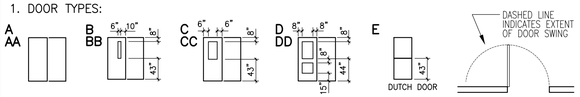
NOTE: SIGNAGE SCHEDULE SEE A0.06



1 ENLARGED FLOOR PLAN
1/4" = 1'-0"

DOOR AND FRAME SCHEDULE

1. DOOR TYPES:



2. DOOR CONSTRUCTION:
   SC–SOLID CORE WOOD AL–ALUMINUM XHD–EXTRA HEAVY DUTY
   HM–HOLLOW METAL HD–HEAVY DUTY MD–MAXIMUM DUTY
3. DOOR FACING & FINISH:
   WP–WOOD PAINTED WS–WOOD STAINED
   MP–METAL PAINTED MF–METAL FINISH
4. GLASS:
   CG–CLEAR GLASS LS–LAMINATED SAFETY
   TS–TEMPERED SAFETY ILS–INSULATED LAMINATED SAFETY
5. DOOR FRAME CONSTRUCTION:
   WD–WOOD FRAME AL–ALUMINUM FRAME XHD–EXTRA HEAVY DUTY
   HM–HOLLOW METAL FRAME HD–HEAVY DUTY MD–MAXIMUM DUTY
6. 20, 45, 60, 90, 180 INDICATES MINUTES OF FIRE RATING.
7. DOOR HARDWARE GROUP AS INDICATED IN SPECIFICATIONS.
8. HEAD, JAMB AND SILL DETAILS. NUMBER INDICATES DETAIL AS SHOWN ON SHEETS A8.00 – A8.02 UNLESS OTHERWISE NOTED.
9. NOTE AS DIRECTED. ADDITIONALLY REFERENCE REMARK IN COLUMN TO NUMBERED REMARK BELOW
10. GENERAL DOOR NOTES:
    - ALL DOORS 1 3/4" THICK UNLESS OTHERWISE NOTED.
    - ALL LATCH & LOCK SETS TO BE LEVER
    - CENTERLINE OF PUSHER STRIKE TO BE AT 39" A.F.F. AT ALL DOORS W/ PANIC HARDWARE

NUMBERED REMARKS (SEE NOTE 9 ABOVE AND COLUMN 9 BELOW)

DOOR NOTE #1 – INCLUDE WEATHERSTRIPPING GASKETS
DOOR NOTE #2 – INCLUDE CLOSER
DOOR NOTE #3 – INCLUDE SMOKE GASKETS
DOOR NOTE #4 – INCLUDE PANIC HARDWARE
DOOR NOTE #5 – INCLUDE INCLUDE AUTOMATIC DOOR OPENER
DOOR NOTE #6 – DOOR ON FIRE ALARM HOLD OPENS
DOOR NOTE #7 – FIELD VERIFY SIZE FOR NEW DOOR IN EXISTING FRAME
DOOR NOTE #8 – FIELD VERIFY SIZE FOR NEW DOOR AND AND FRAME IN EXISTING ROUGH OPENING

DOOR NUMBER	ROOM NAME	OPENING SIZE	DOOR TYPE (NOTE 1)	DOOR CONSTRUCTION (NOTE 2)	DOOR FACING/FINISH (NOTE 3)	GLASS (NOTE 4)	FRAME CONSTRUCTION (NOTE 5)	DOOR/FRAME RATING (NOTE 6)	HARDWARE GROUP (NOTE 7)	HEAD (NOTE 8)	JAMB (NOTE 8)	THRESHOLD (NOTE 8)	REMARKS (NOTE 9)
G001	COURT YARD	EXISTING FIELD VERIFY							(E)				EXISTING METAL GATE APPROX. 7'-8"x 8'-0". EXISTING PANIC HARDWARE ON NORTH LEAF TO REMAIN.
134A	CLASSROOM 5	EXISTING FIELD VERIFY							(E)				EXISTING PANIC & CLOSURE HARDWARE TO REMAIN. NEW WEATHERSTRIPPING.
134B	CLASSROOM 5	3'–0" x 6'–8"	E	WD	WS	–	HM HD	–	4	25	26	19	INCLUDE DUTCH DOOR HARDWARE
136A	CLASSROOM 6	EXISTING FIELD VERIFY							(E)				EXISTING PANIC & CLOSURE HARDWARE TO REMAIN. NEW WEATHERSTRIPPING.
136B	CLASSROOM 6	EXISTING FIELD VERIFY							(E)				EXISTING PANIC & CLOSURE HARDWARE TO REMAIN. NEW WEATHERSTRIPPING.
136C	CLASSROOM 6	3'–0" x 6'–8"	E	WD	WS	–	HM HD	–	4	25	26	19	INCLUDE DUTCH DOOR HARDWARE

ROOM MATERIAL SCHEDULE

OFFICE ← ROOM NAME
124 ← ROOM NUMBER
1 A 3 ← ROOM MATERIAL CODES (SEE LIST AT RIGHT)

SEE COLUMNS BELOW
1ST NO. FLOOR FINISH
2ND NO. WALL BASE
3RD NO. WALL FINISH

ROOM MATERIAL CODE LIST

FLOOR FINISH (NIC)		WALL BASE		WALL FINISH	
0	SPECIAL SEE PLANS AND DETAILS	0	SPECIAL SEE ELEVATIONS AND DETAILS	0	SPECIAL SEE ELEVATIONS AND DETAILS
1	CARPET	A	RUBBER BASE AT ALL WALLS	1	NEW PAINT ALL WALLS
2	VINYL	B	EXISTING BASE UON	2	EXISTING WALLS UON
3	EXISTING FLOOR UON	C	VARIES SEE INTERIOR ELEVATIONS	3	VARIES SEE INTERIOR ELEVATIONS
4	FINISHED CONCRETE	D		4	
5	VARIES SEE PLAN	E		5	
6		F		6	

NOTES :
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2. FLOORING IS BY OTHERS THROUGHOUT PROJECT AND IS SHOWN FOR REFERENCE ONLY.

KEY NOTES

1. FOR ADDITIONAL DIMENSIONS AND LAYOUT OF ACCESSIBLE DRINKING FOUNTAIN, SEE "ACCESSIBLE LAYOUTS", SHEET A0.08, DIAGRAM 24.
2. FOR ADDITIONAL DIMENSIONS AND LAYOUT OF CHILD ACCESSIBLE LAVATORY AND ASSOCIATED ACCESSORIES, SEE "ACCESSIBLE LAYOUTS", SHEET A0.08, DIAGRAM 30.
3. FOR ADDITIONAL DIMENSIONS AND LAYOUT OF CHILD ACCESSIBLE TOILET AND ASSOCIATED ACCESSORIES, SEE "ACCESSIBLE LAYOUTS", SHEET A0.08, DIAGRAM 31.

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ENLARGED FLOOR PLAN
SCALES AS NOTED

A2.13

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ORIGINAL DOCUMENT SIZE 24" X 36"

PARTITION TYPES

1A — 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB BOTH SIDES UP TO STRUCTURE. INCLUDE ACOUSTICAL INSULATION. SEE A0.11

*NOTE: ALL NEW INTERIOR PARTITIONS TO BE TYPE "1A" U.O.N.

1A-R — ONE HOUR RATED: 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB BOTH SIDES UP TO STRUCTURE. INCLUDE ACOUSTICAL INSULATION. SEE A0.11

1A-L — 34" HALF HEIGHT WALL / 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB, BOTH SIDES. CONSTRUCT AND FINISH PER SECTION 15 / A3.21.

1B — 2x6 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB BOTH SIDES UP TO STRUCTURE. INCLUDE ACOUSTICAL INSULATION.

1C — PLUMBING WALL: 2x4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB AND FRP FINISH ON TOILET ROOM SIDE + AIR SPACE + 2X4 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GWB UP TO STRUCTURE ON ROOM SIDE OF CHASE – VERIFY DIMENSIONS REQUIRED FOR WALL MOUNTED TOILET HANGERS WITH MANUFACTURER. SEE A0.11

EXTERIOR WALL TYPES

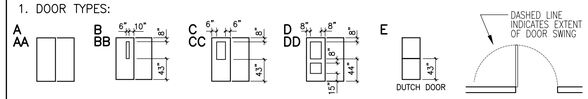
W1 — 2x6 STUDS @ 16" ON CENTER WITH 5/8" TYPE X GYPSUM WALL BOARD ON INTERIOR WITH 1/2" PLYWOOD, 3/4" FURRING, AND 3/4" FIBER CEMENT LAP OR PANEL SIDING ON EXTERIOR: SEE DETAILS 44, 53, AND 54. R-21 BATT INSULATION. SEE A0.11

KEY NOTES

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DOOR AND FRAME SCHEDULE

1. DOOR TYPES:



2. DOOR CONSTRUCTION:
   SC–SOLID CORE WOOD; HM–HOLLOW METAL; AL–ALUMINUM; HD–HEAVY DUTY; XHD–EXTRA HEAVY DUTY; MD–MAXIMUM DUTY
3. DOOR FACING & FINISH:
   WP–WOOD PAINTED; MP–METAL PAINTED; WS–WOOD STAINED; MF–METAL FINISH
4. GLASS:
   CG–CLEAR GLASS; TS–TEMPERED SAFETY; LS–LAMINATED SAFETY; ILS–INSULATED LAMINATED SAFETY
5. DOOR FRAME CONSTRUCTION:
   WD–WOOD FRAME; HM–HOLLOW METAL FRAME; AL–ALUMINUM FRAME; HD–HEAVY DUTY; XHD–EXTRA HEAVY DUTY; MD–MAXIMUM DUTY
6. 20, 45, 60, 90, 180 INDICATES MINUTES OF FIRE RATING.
7. DOOR HARDWARE GROUP AS INDICATED IN SPECIFICATIONS.
8. HEAD, JAMB AND SILL DETAILS. NUMBER INDICATES DETAIL AS SHOWN ON SHEETS A8.00 – A8.02 UNLESS OTHERWISE NOTED.
9. NOTE AS DIRECTED. ADDITIONALLY REFERENCE REMARK IN COLUMN TO NUMBERED REMARK BELOW
10. GENERAL DOOR NOTES:
    - ALL DOORS 1 3/4" THICK UNLESS OTHERWISE NOTED.
    - ALL LATCH & LOCK SETS TO BE LEVER
    - CENTERLINE OF PUSHER STRIKE TO BE AT 39" A.F.F. AT ALL DOORS W/ PANIC HARDWARE

NUMBERED REMARKS (SEE NOTE 9 ABOVE AND COLUMN 9 BELOW)

- DOOR NOTE #1 – INCLUDE WEATHERSTRIPPING GASKETS
- DOOR NOTE #2 – INCLUDE CLOSER
- DOOR NOTE #3 – INCLUDE SMOKE GASKETS
- DOOR NOTE #4 – INCLUDE PANIC HARDWARE
- DOOR NOTE #5 – INCLUDE INCLUDE AUTOMATIC DOOR OPENER
- DOOR NOTE #6 – DOOR ON FIRE ALARM HOLD OPENS
- DOOR NOTE #7 – FIELD VERIFY SIZE FOR NEW DOOR IN EXISTING FRAME
- DOOR NOTE #8 – FIELD VERIFY SIZE FOR NEW DOOR AND AND FRAME IN EXISTING ROUGH OPENING

DOOR NUMBER	ROOM NAME	OPENING SIZE	DOOR TYPE (NOTE 1)	DOOR CONSTRUCTION (NOTE 2)	DOOR FACING/FINISH (NOTE 3)	GLASS (NOTE 4)	FRAME CONSTRUCTION (NOTE 5)	DOOR/FRAME RATING (NOTE 6)	HARDWARE GROUP (NOTE 7)	(NOTE 8) HEAD	(NOTE 8) JAMB	(NOTE 8) THRESHOLD	REMARKS (NOTE 9)
127A	CLASSROOM 1	EXISTING – FIELD VERIFY						(E)					EXISTING PANIC & CLOSURE HARDWARE TO REMAIN. NEW WEATHERSTRIPPING.
127B	CLASSROOM 1	3'–0" x 6'–8"	E	WD	WS	–	HM	HD	–	4	25	26	19	INCLUDE DUTCH DOOR HARDWARE
129A	CLASSROOM 2	EXISTING – FIELD VERIFY						(E)					EXISTING PANIC & CLOSURE HARDWARE TO REMAIN. NEW WEATHERSTRIPPING.
129B	CLASSROOM 2	3'–0" x 6'–8"	E	WD	WS	–	HM	HD	–	4	25	26	19	INCLUDE DUTCH DOOR HARDWARE
130A	CLASSROOM 3	EXISTING – FIELD VERIFY						(E)					EXISTING PANIC & CLOSURE HARDWARE TO REMAIN. NEW WEATHERSTRIPPING.
130B	CLASSROOM 3	3'–0" x 6'–8"	E	WD	WS	–	HM	HD	–	4	25	26	19	INCLUDE DUTCH DOOR HARDWARE
132A	CLASSROOM 4	EXISTING – FIELD VERIFY						(E)					EXISTING PANIC & CLOSURE HARDWARE TO REMAIN. NEW WEATHERSTRIPPING.
132B	CLASSROOM 4	3'–0" x 6'–8"	E	WD	WS	–	HM	HD	–	4	25	26	19	INCLUDE DUTCH DOOR HARDWARE

NOTE: SIGNAGE SCHEDULE SEE A0.06

ROOM MATERIAL SCHEDULE

OFFICE ← ROOM NAME
129 ← ROOM NUMBER
1A3 ← ROOM MATERIAL CODES (SEE LIST AT RIGHT)
8'-0" ← CEILING HEIGHT

SEE COLUMNS BELOW
1ST NO. FLOOR FINISH
2ND NO. WALL BASE
3RD NO. WALL FINISH

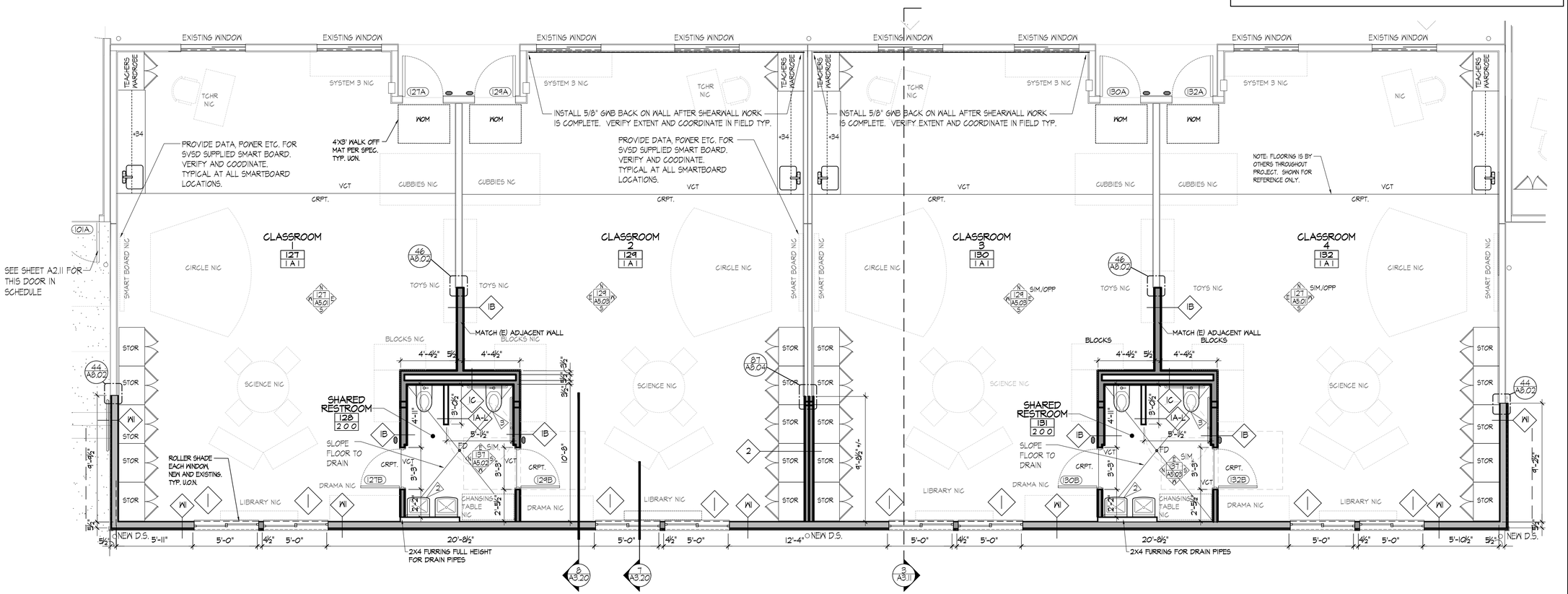
ROOM MATERIAL CODE LIST

FLOOR FINISH (NIC)		WALL BASE		WALL FINISH	
0	SPECIAL SEE PLANS AND DETAILS	0	SPECIAL SEE ELEVATIONS AND DETAILS	0	SPECIAL SEE ELEVATIONS AND DETAILS
1	CARPET	A	RUBBER BASE AT ALL WALLS	1	NEW PAINT ALL WALLS
2	VINYL	B	EXISTING BASE UON	2	EXISTING WALLS UON
3	EXISTING FLOOR UON	C	VARIES SEE INTERIOR ELEVATIONS	3	VARIES SEE INTERIOR ELEVATIONS

NOTES:
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GENERAL PLAN NOTES

1. FURNITURE, EQUIPMENT, AND CASEWORK SHOWN AS DOTTED ON FLOOR PLAN ARE NOT IN CONTRACT UNLESS OTHERWISE NOTED ON DRAWINGS OR IN SPECIFICATIONS. SEE EXAMPLE HERE:
2. WALL DIMENSIONS ARE TO AND FROM FACE OF STUD UNLESS OTHERWISE NOTED.
3. PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT (INCLUDING CABINETS AND HAND RAILS) AS SHOWN ON PLANS, DETAILS, OR ELEVATIONS. VERIFY AND COORDINATE IN FIELD. SEE DETAILS ON SHEET A8.00 FOR TYPICAL BLOCKING IN WALLS.
4. ALL NEW WALLS TO BE 2X4 STUDS AT 16" ON CENTER WITH 5/8" TYPE X GYPSUM WALL BOARD BOTH SIDES TYPICAL UNLESS NOTED OTHERWISE.
5. INSTALL CORNER GUARDS ON ALL CORNERS. QUANTITY OF GUARDS LISTED IN SPECIFICATIONS UNDER "WALL PROTECTION."
6. FOR DIMENSIONS OF CLEAR AREAS REQUIRED AT NEW DOORS SEE "CLEAR AREA AT DOORS - LAYOUT" ON SHEET A0.08.



1 ENLARGED FLOOR PLAN
1/4" = 1'-0"

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

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CHECKED BY: S.C.
APPROVED BY: S.C.

PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
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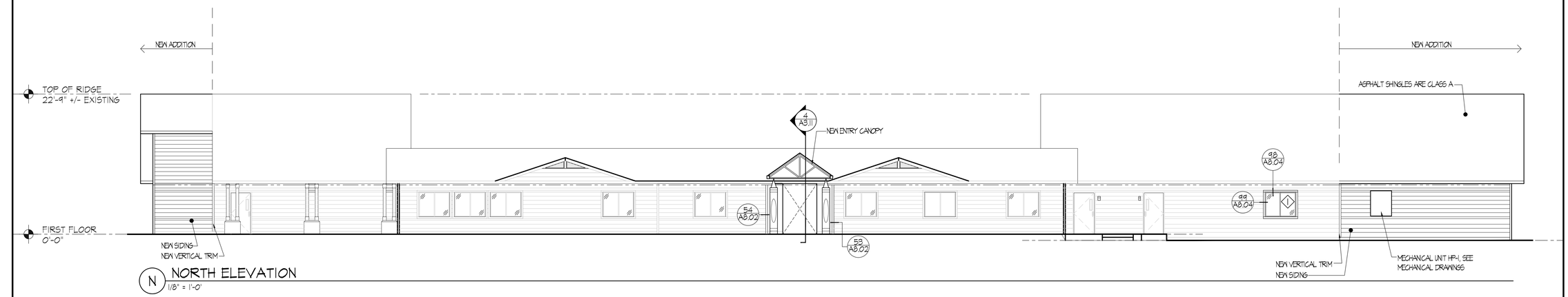
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ENLARGED FLOOR PLAN
SCALES AS NOTED

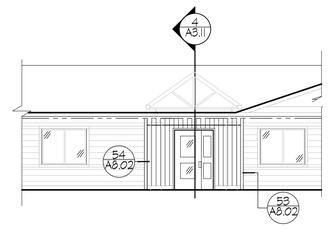
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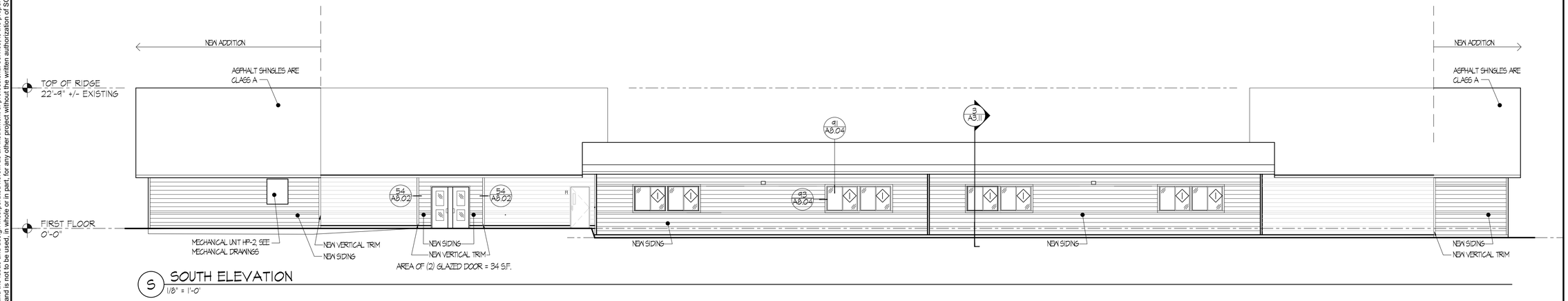


N NORTH ELEVATION
1/8" = 1'-0"



N.1 ENTRY ELEVATION
1/8" = 1'-0"

AREA OF GLAZED DOOR + SIDE LIGHT = 29 S.F.



S SOUTH ELEVATION
1/8" = 1'-0"

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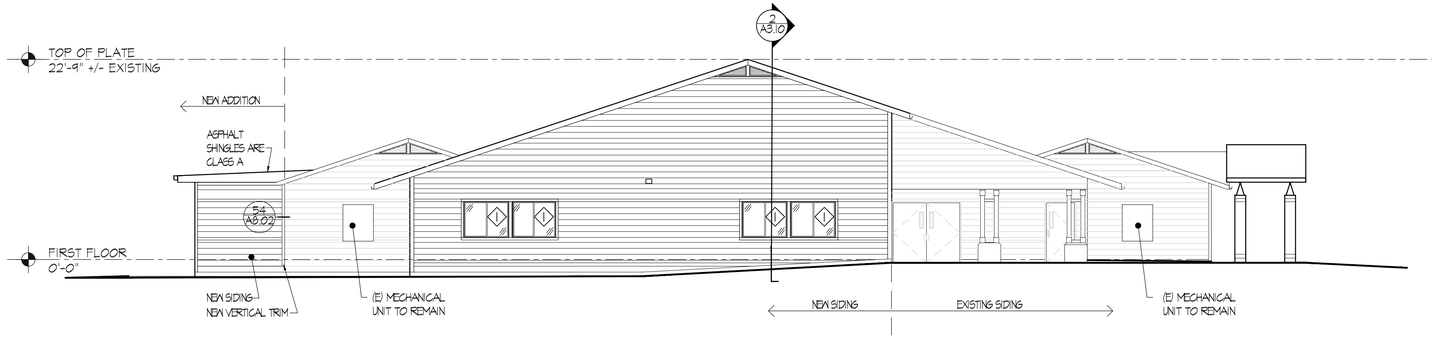
REVISION	DATE
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BUILDING ELEVATIONS
SCALES AS NOTED

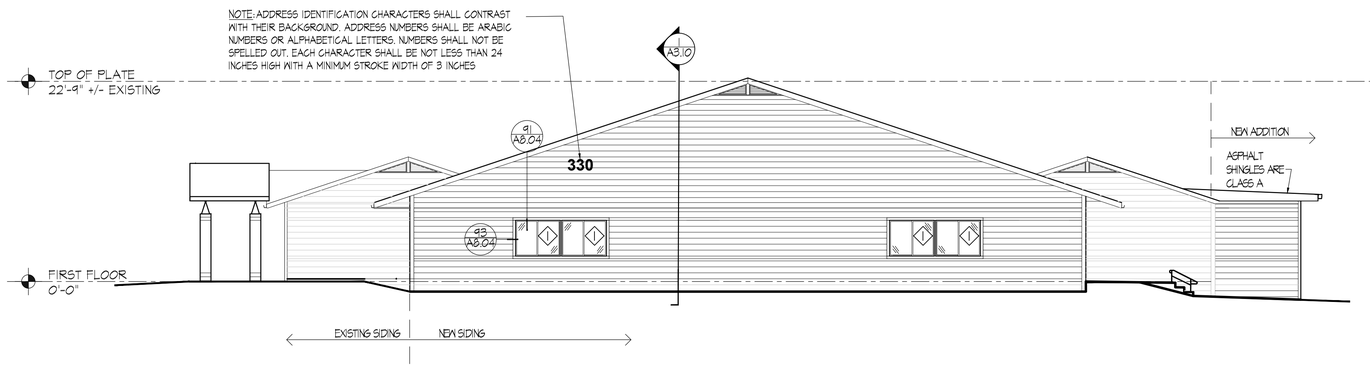
A3.01

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E EAST ELEVATION
1/8" = 1'-0"



W WEST ELEVATION
1/8" = 1'-0"

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8879 REGISTERED ARCHITECT
Scott Alan Connor
STATE OF WASHINGTON

DRAWN BY: amv + IS
CHECKED BY: S.C.
APPROVED BY: S.C.

PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS
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SNOQUALMIE, WA 98065

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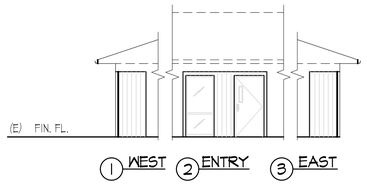
REVISION	DATE
BID SET	10/31/24

BUILDING ELEVATIONS AND WINDOW TYPE
SCALES AS NOTED

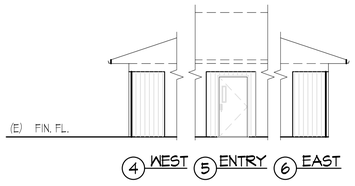
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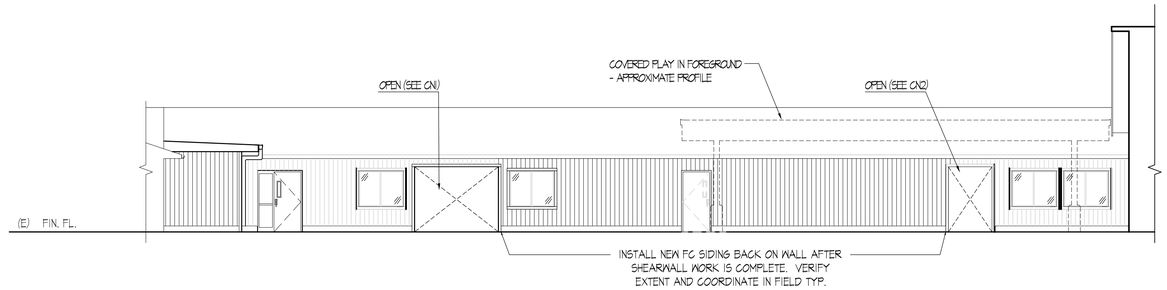
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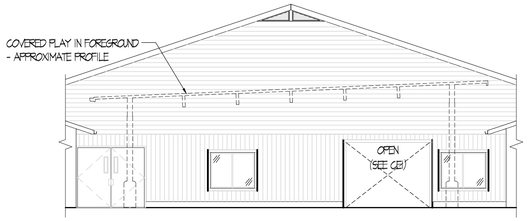
CN1 NORTH ENTRY CN1 & SIDE RETURNS
1/8" = 1'-0"



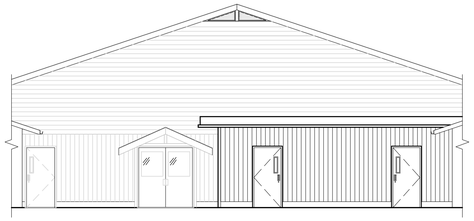
CN2 NORTH ENTRY CN2 & SIDE RETURNS
1/8" = 1'-0"



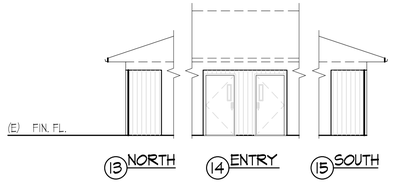
CN COURT YARD NORTH ELEVATION
1/8" = 1'-0"



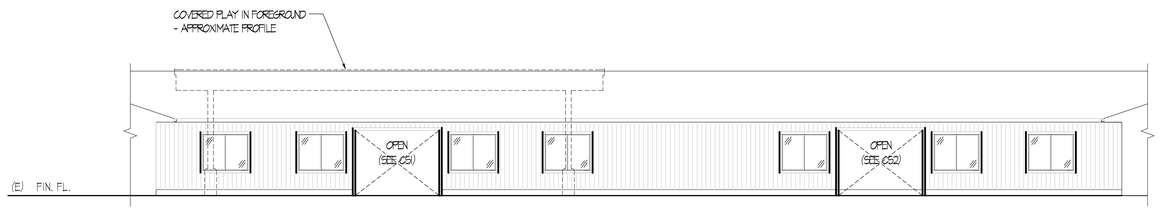
CE COURT YARD EAST ELEVATION
1/8" = 1'-0"



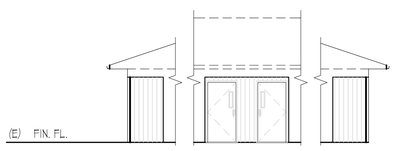
CW COURT YARD WEST ELEVATION
1/8" = 1'-0"



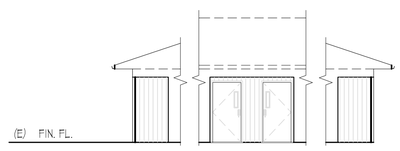
CE1 EAST ENTRY CE1 & SIDE RETURNS
1/8" = 1'-0"



CS COURT YARD SOUTH ELEVATION
1/8" = 1'-0"



CS1 SOUTH ENTRY CS1 & SIDE RETURNS
1/8" = 1'-0"



CS2 SOUTH ENTRY CS2 & SIDE RETURNS
1/8" = 1'-0"

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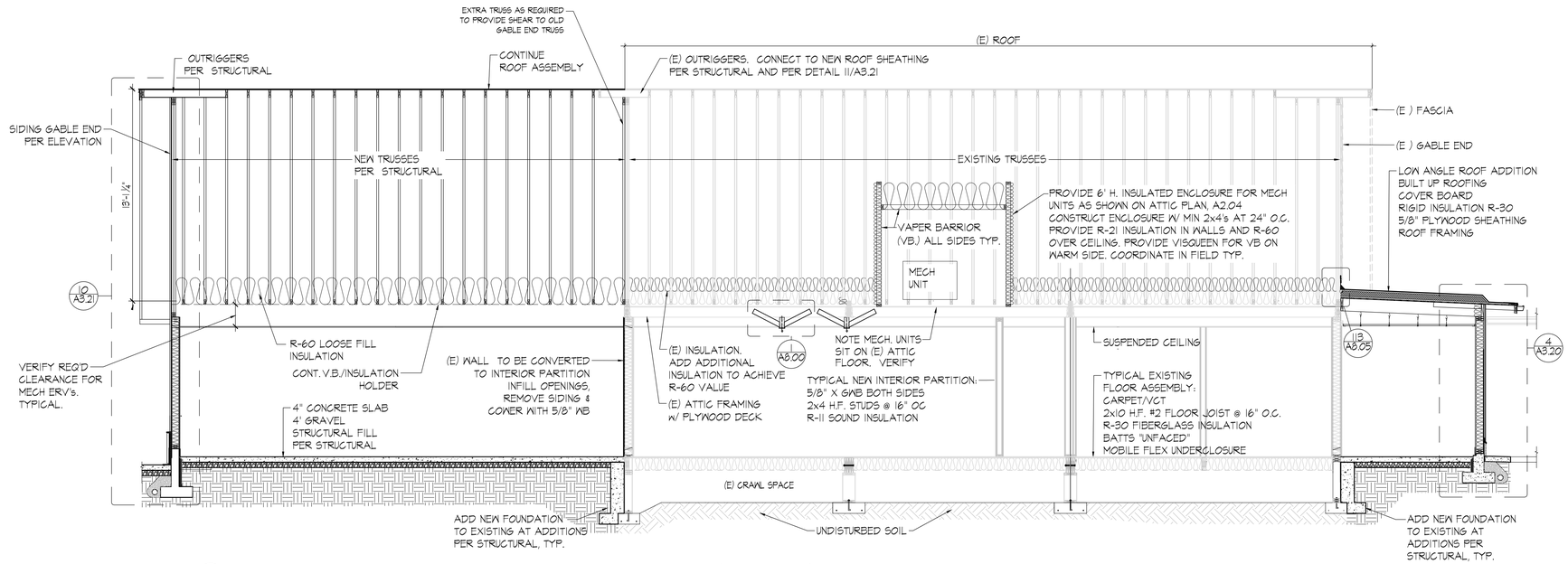
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COURT YARD ELEVATIONS & SIDE RETURNS
SCALES AS NOTED

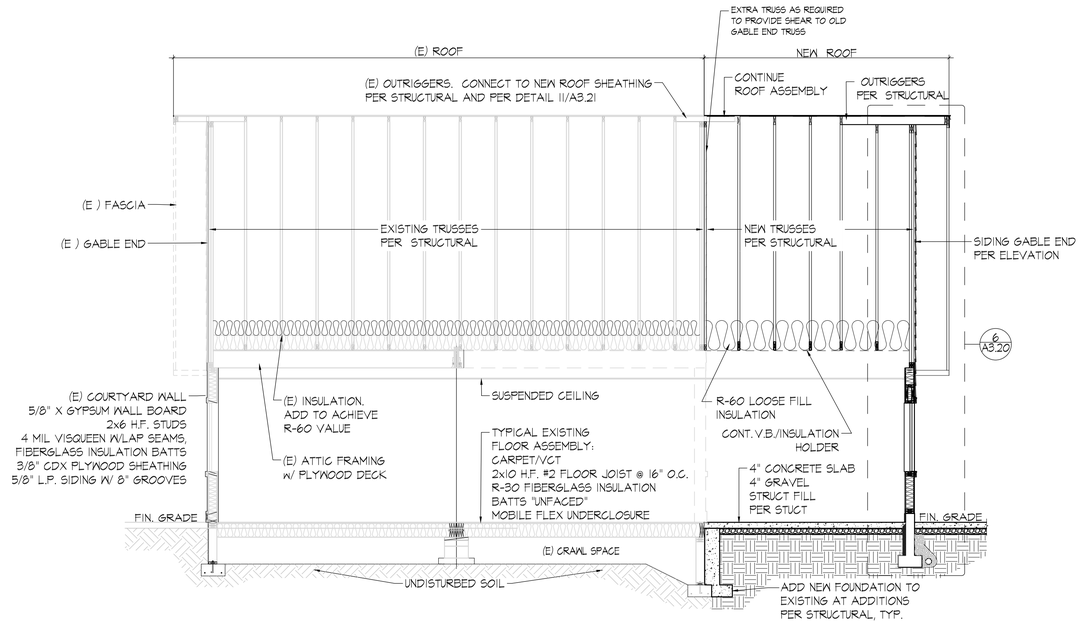
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1 EAST-WEST BUILDING SECTION THROUGH CLASSROOM 8 AND OT/PT
1/4" = 1'-0"



2 WEST-EAST BUILDING SECTION THROUGH CLASSROOM 6
1/4" = 1'-0"

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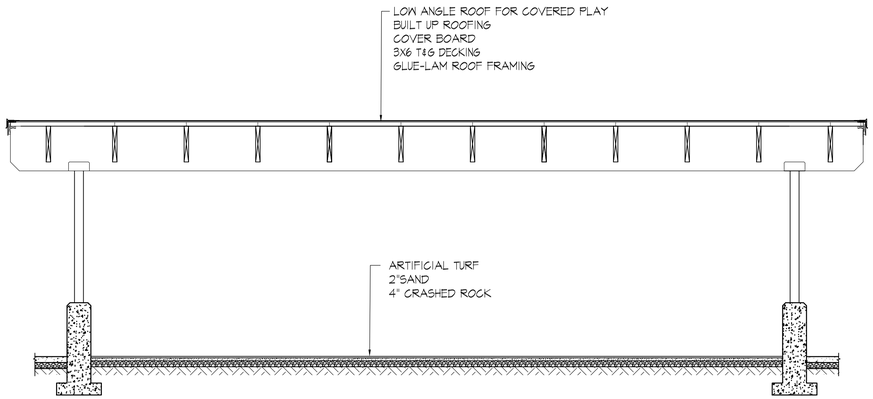
REVISION	DATE
BID SET	10/31/24

BUILDING SECTIONS
SCALES AS NOTED

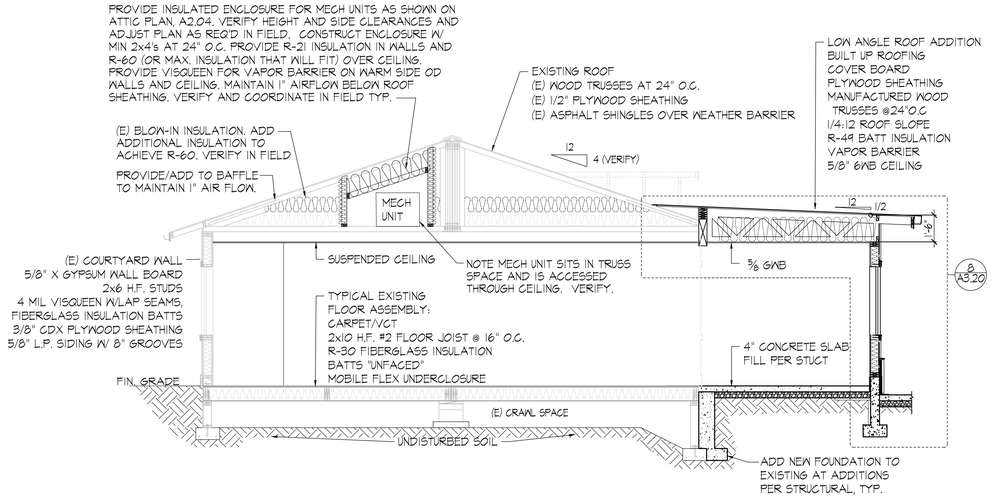
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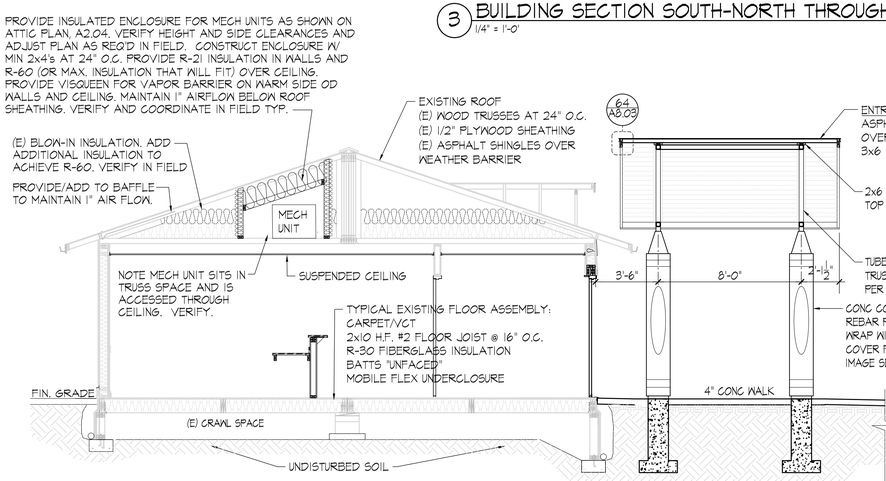
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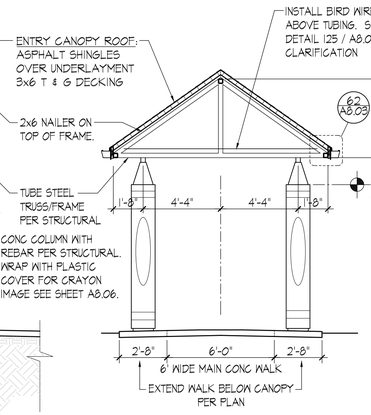
6 COVERED PLAY SECTION EAST-WEST
1/4" = 1'-0"



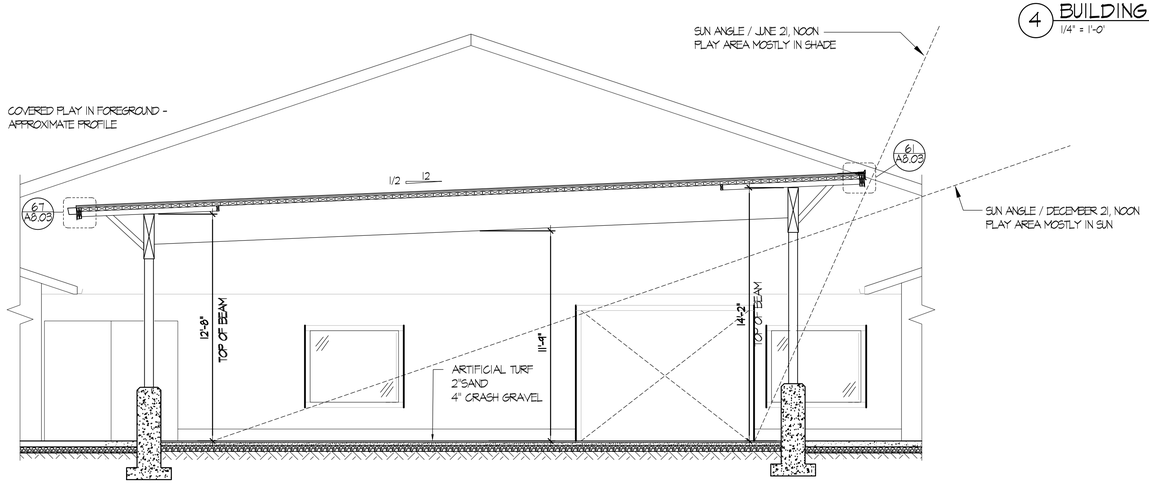
3 BUILDING SECTION SOUTH-NORTH THROUGH CLASSROOM 3
1/4" = 1'-0"



4 BUILDING SECTION SOUTH-NORTH THROUGH ENTRY WAY AND CANOPY
1/4" = 1'-0"



5 ENTRY CANOPY SECTION EAST-WEST
1/4" = 1'-0"



8 COURT YARD EAST ELEVATION W/ COVERED PLAY
1/4" = 1'-0"

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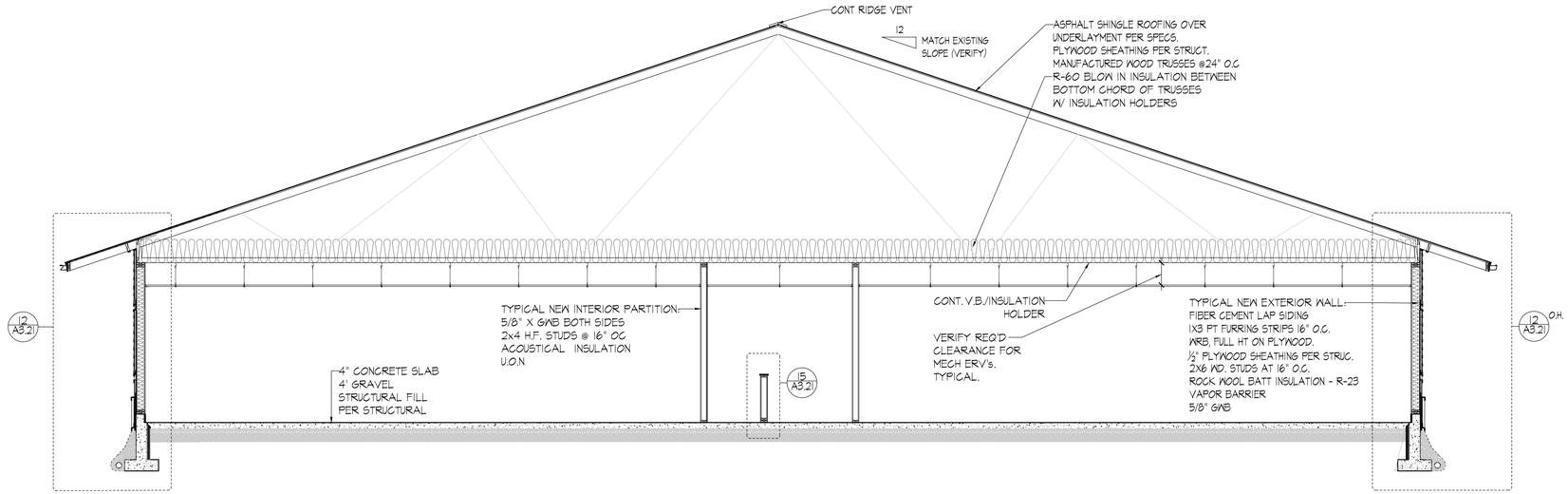
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BUILDING SECTIONS
SCALES AS NOTED

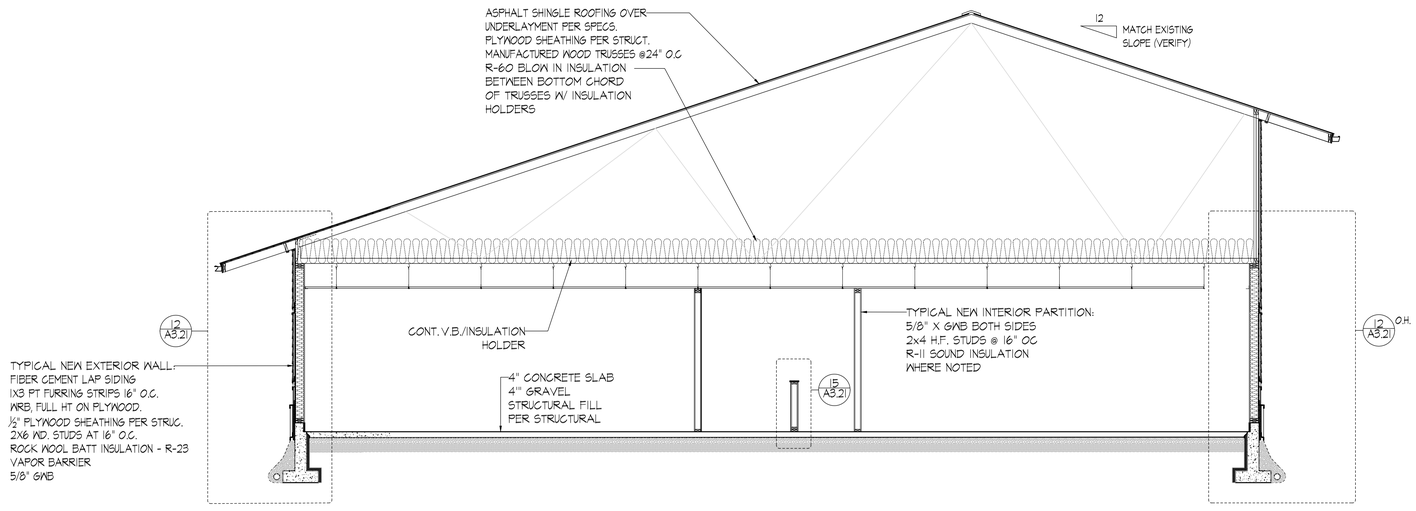
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9 NORTH-SOUTH BUILDING SECTION THROUGH CLASSROOMS 7 AND 8
1/4" = 1'-0"



10 NORTH-SOUTH BUILDING SECTION THROUGH CLASSROOMS 5 AND 6
1/4" = 1'-0"

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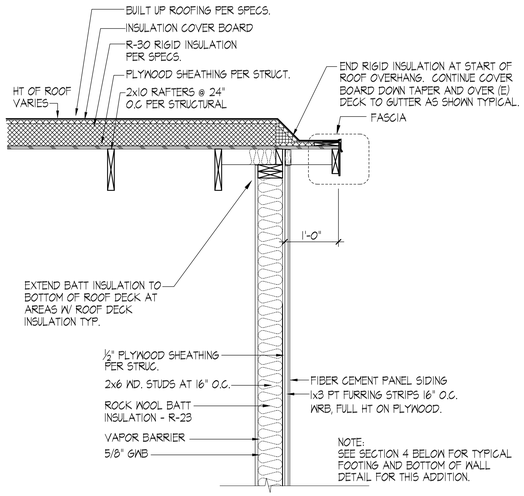
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BUILDING SECTIONS
SCALES AS NOTED

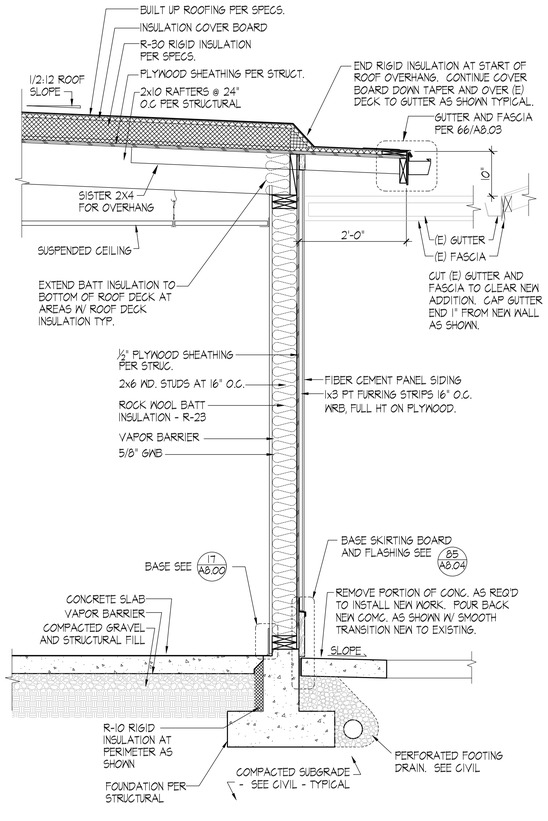
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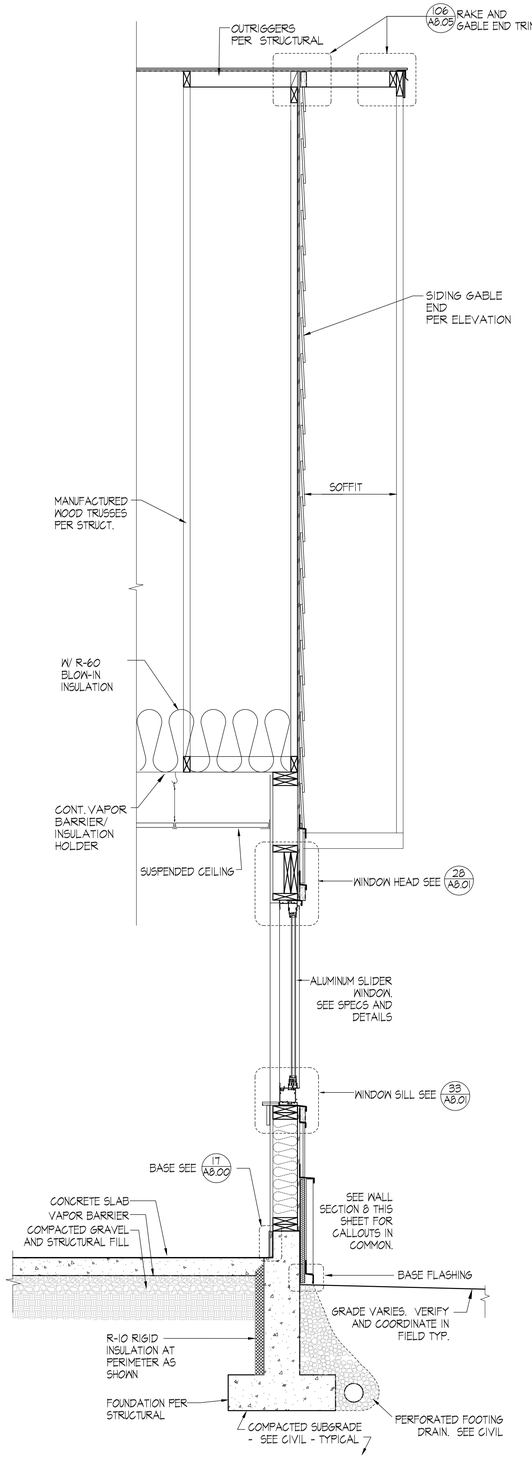
ORIGINAL DOCUMENT SIZE 24" X 36"



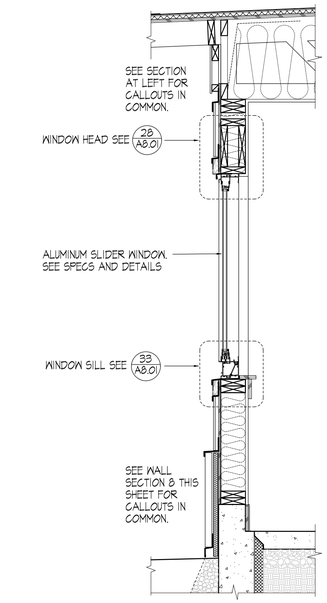
2 NEW EXTERIOR WALL AT STORAGE
3/4" = 1'-0"



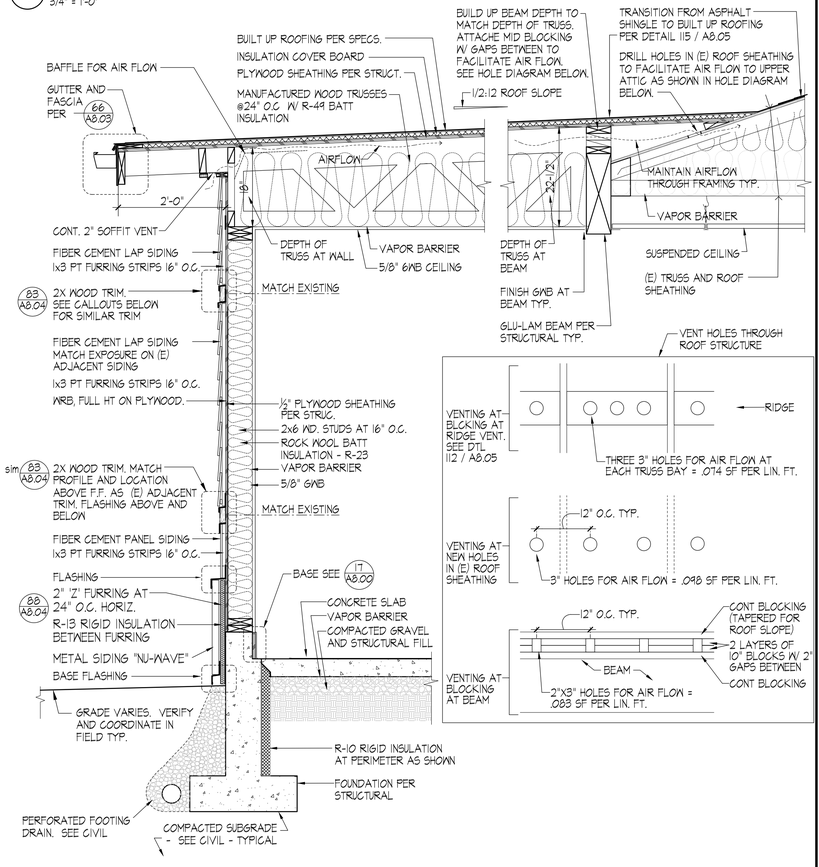
4 NEW EXTERIOR WALL AT NURSES OFFICE
3/4" = 1'-0"



6 NEW EXTERIOR WALL AT CLASSROOM 5
3/4" = 1'-0"



7 NEW EXTERIOR WALL AT CLASSROOM 2
3/4" = 1'-0"



8 NEW EXTERIOR WALL AT CLASSROOM 2
3/4" = 1'-0"

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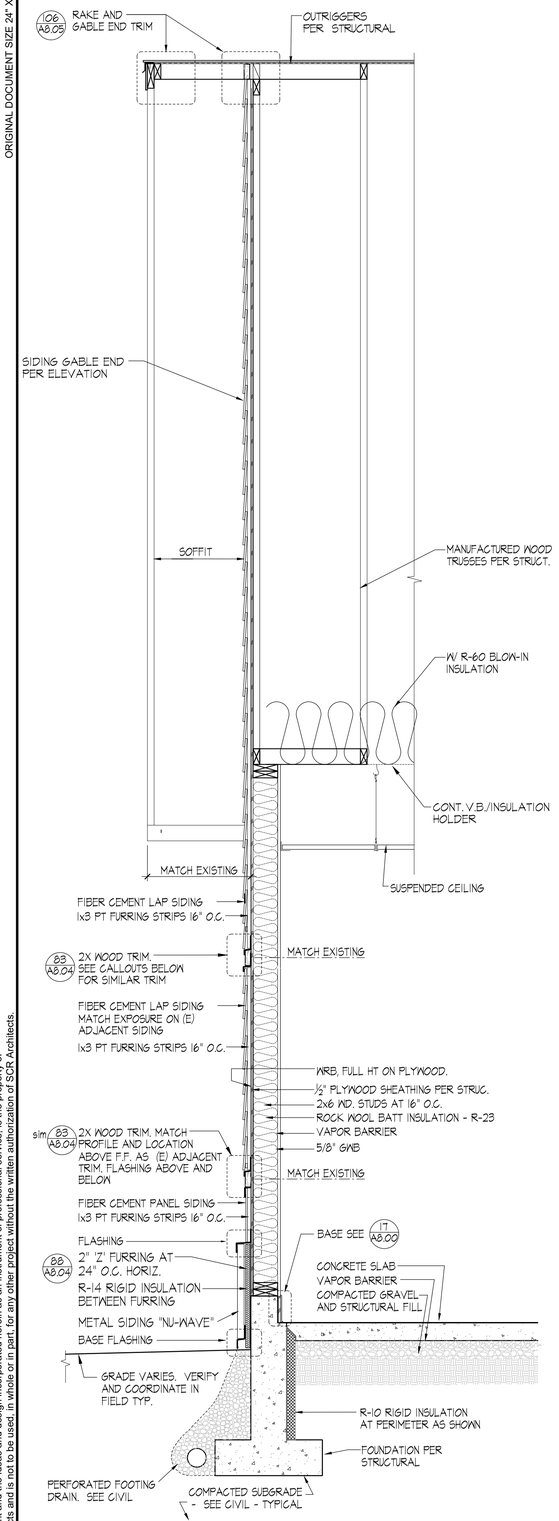
REVISION	DATE
BID SET	10/31/24

WALL SECTIONS
SCALES AS NOTED

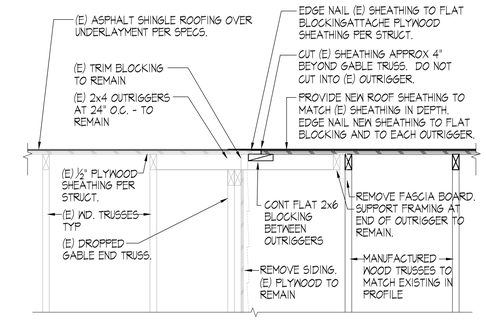
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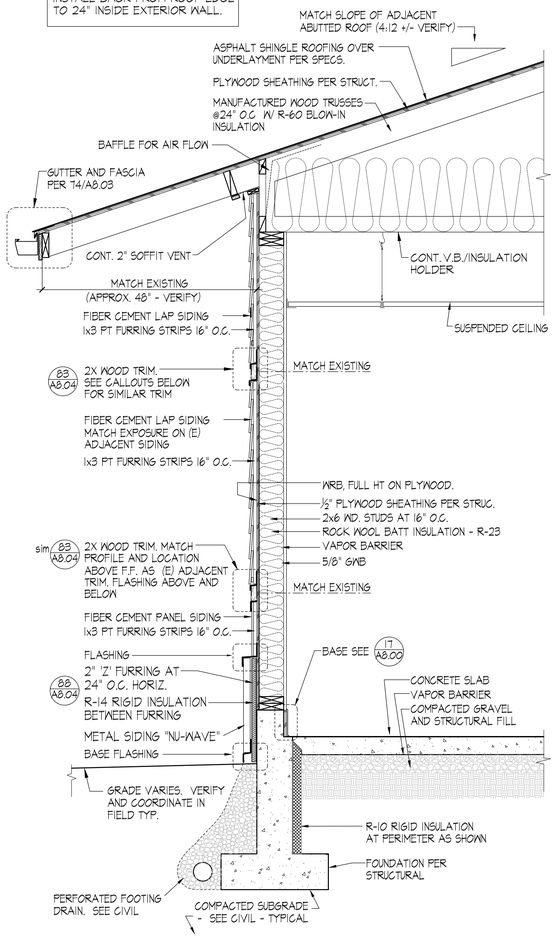


10 NEW EXTERIOR WALL AT CLASSROOM 8
3/4" = 1'-0"



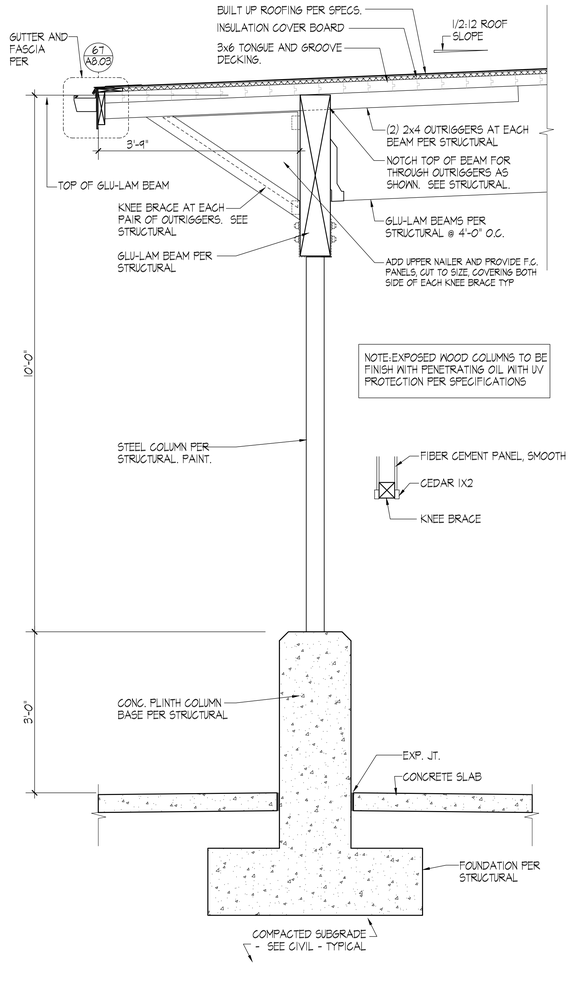
11 NEW TO EXISTING ROOF TRANSITION
3/4" = 1'-0"

ICE SHIELD PER SPECIFICATIONS. INSTALL BACK FROM ROOF EDGE TO 24" INSIDE EXTERIOR WALL.

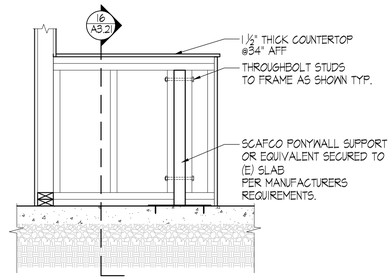


12 NEW EXTERIOR WALL AT CLASSROOM 7
3/4" = 1'-0"

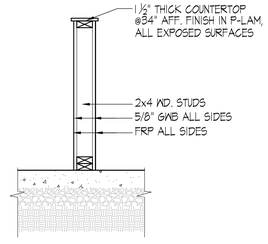
NOTE: ALL EXPOSED WOOD ON COVERED PLAY TO BE FINISH WITH PENETRATING OIL PER SPECIFICATIONS



14 COLUMN AND ROOF EDGE AT COVERED PLAY
3/4" = 1'-0"



15 TOILET PONY WALL
3/4" = 1'-0"



16 TOILET PONY WALL
3/4" = 1'-0"

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WALL SECTIONS
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A3.21

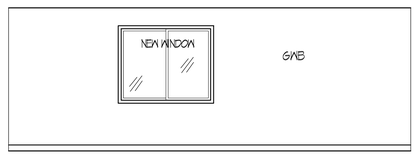
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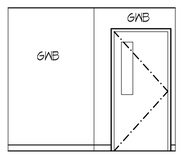
PLEASE SEE CASEWORK SCHEDULE ON SHEET A0.05
PLEASE SEE ACCESSIBLE CLEARANCES AND MOUNTING HEIGHTS ON SHEETS A0.07 + A0.08

NOTE: ON ALL WALLS TO REMAIN, INFILL AND PATCH ALL OPENINGS WHERE SWITCHES, J-BOXES, CONDUITS, BREAKER BOXES, OTHER ELECTRICAL, ETC. AND WHERE WALL GRILLES AND OTHER MECH. REMOVED. PATCH TO MATCH FINISH OF EXISTING ADJACENT WALL.

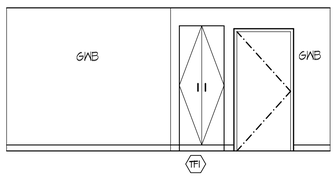
NOTE: AT ALL LOCATIONS WHERE WALL MATS ARE CUT TO CLEAR WALL ACCESSORIES, VENTS, ETC.; MAT EDGES SHALL BE WRAPPED TO MATCH FACTORY EDGE.



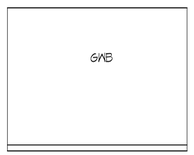
NORTH ELEVATION



EAST ELEVATION

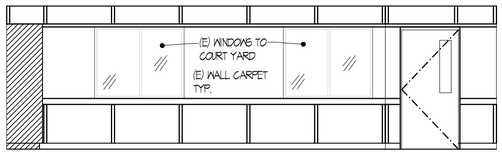


SOUTH ELEVATION

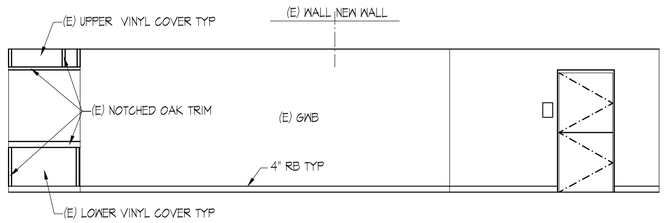


WEST ELEVATION

111 SLP
1/4" = 1'-0"

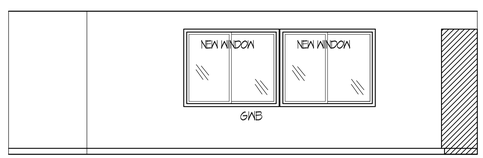


NORTH ELEVATION

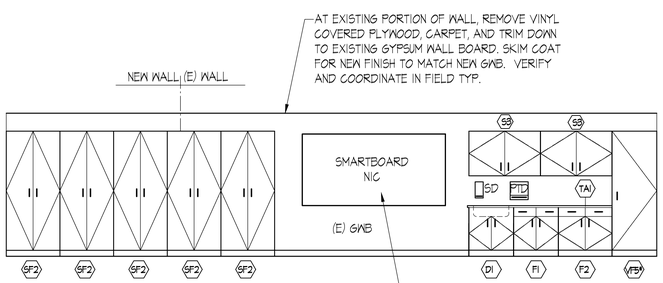


EAST ELEVATION

127 CLASSROOM #1
1/4" = 1'-0"

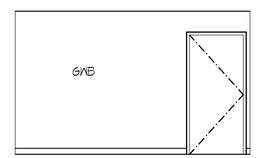


SOUTH ELEVATION



WEST ELEVATION

127 CLASSROOM #1
1/4" = 1'-0"



NORTH ELEVATION

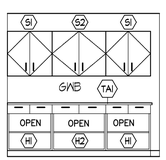


EAST ELEVATION

110 ASSESSMENT
1/4" = 1'-0"



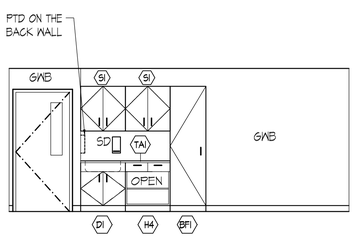
SOUTH ELEVATION



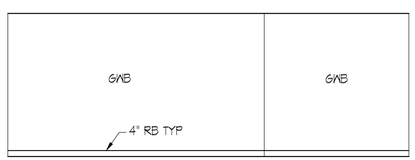
WEST ELEVATION



NORTH ELEVATION



EAST ELEVATION



SOUTH ELEVATION



WEST ELEVATION

110 ASSESSMENT
1/4" = 1'-0"

107 SWING OT/PT
1/4" = 1'-0"

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CHECKED BY: S.C.
APPROVED BY: S.C.

PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
1919
ISSUE DATE
10-31-2024
CURRENT REVISION
BID SET
DRAWING PLOT DATE

REVISION	DATE
BID SET	10/31/24

INTERIOR ELEVATIONS

SCALES AS NOTED

A5.01

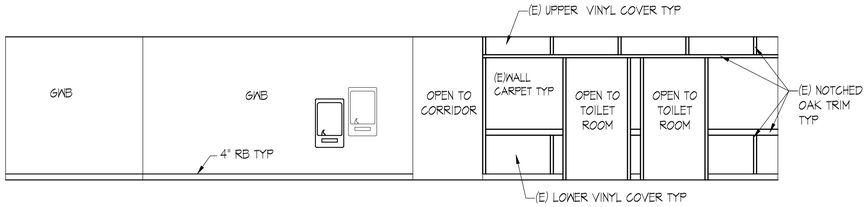
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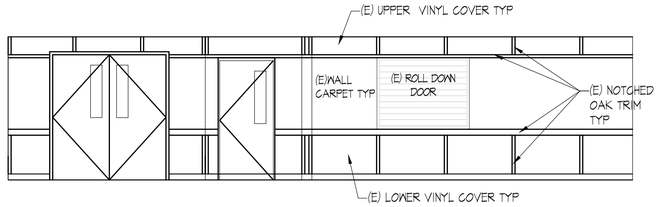
PLEASE SEE CASEWORK SCHEDULE ON SHEET A0.05

PLEASE SEE ACCESSIBLE CLEARANCES AND MOUNTING HEIGHTS ON SHEETS A0.07 + A0.08

NOTE: AT ALL LOCATIONS WHERE WALL MATS ARE CUT TO CLEAR WALL ACCESSORIES, VENTS, ETC.; MAT EDGES SHALL BE WRAPPED TO MATCH FACTORY EDGE.

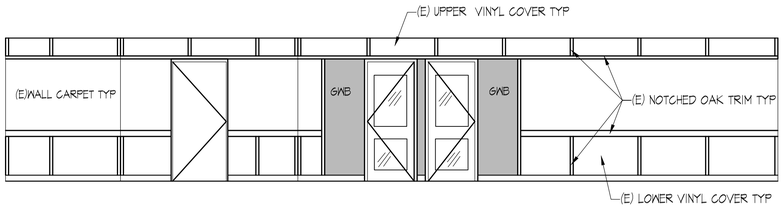


NORTH ELEVATION

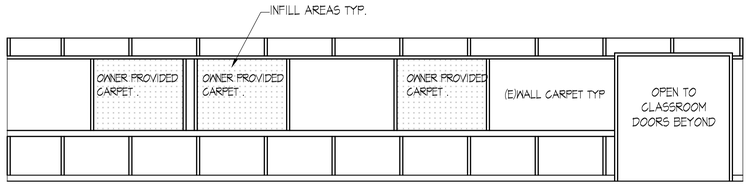


EAST ELEVATION

103 LUNCH ROOM
1/4" = 1'-0"

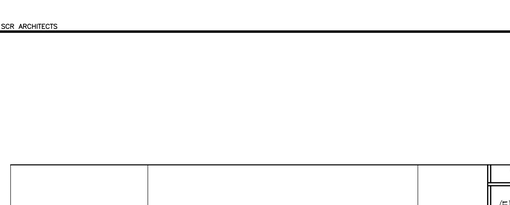


SOUTH ELEVATION

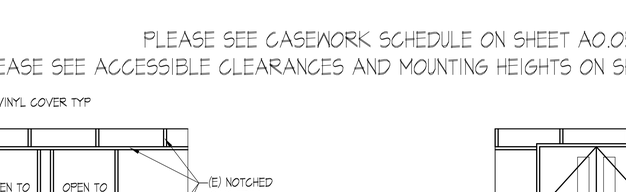


WEST ELEVATION

103 LUNCH ROOM
1/4" = 1'-0"



NORTH ELEVATION



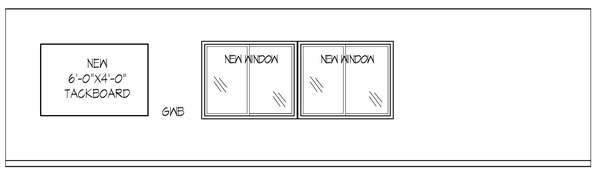
EAST ELEVATION



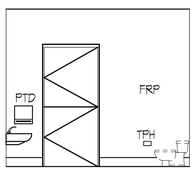
SOUTH ELEVATION

138 CLASSROOM #8
1/4" = 1'-0"

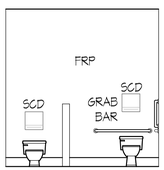
PLEASE SEE ACCESSIBLE CLEARANCES AND MOUNTING HEIGHTS ON SHEETS A0.07 + A0.08



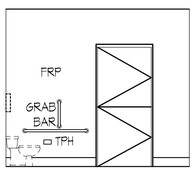
WEST ELEVATION



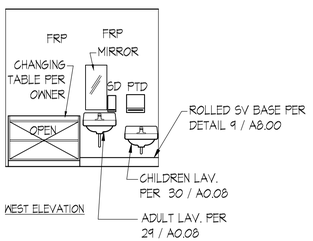
NORTH ELEVATION



EAST ELEVATION



SOUTH ELEVATION



WEST ELEVATION

138 CLASSROOM #8
1/4" = 1'-0"

137 SHARED REST ROOM
1/4" = 1'-0"

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BID SET	10/31/24

INTERIOR ELEVATIONS

SCALES AS NOTED

A5.02

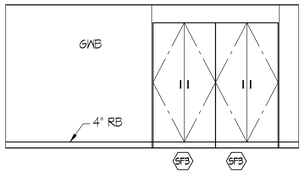
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ORIGINAL DOCUMENT SIZE 24" X 36"

PLEASE SEE CASEWORK SCHEDULE ON SHEET A0.05
PLEASE SEE ACCESSIBLE CLEARANCES AND MOUNTING HEIGHTS ON SHEETS A0.07 + A0.08

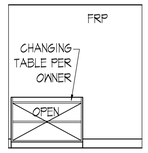
NOTE: ON ALL WALLS TO REMAIN, INFILL AND PATCH ALL OPENINGS WHERE SWITCHES, J-BOXES, CONDUITS, BREAKER BOXES, OTHER ELECTRICAL, ETC. AND WHERE WALL GRILLES AND OTHER MECH. REMOVED. PATCH TO MATCH FINISH OF EXISTING ADJACENT WALL.

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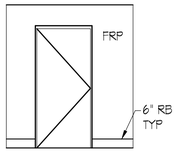


SOUTH ELEVATION

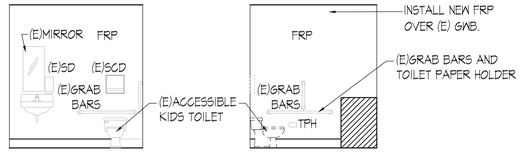
115 EXIT CORRIDOR
1/4" = 1'-0"



NORTH ELEVATION



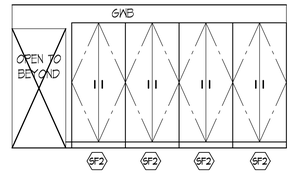
EAST ELEVATION



SOUTH ELEVATION

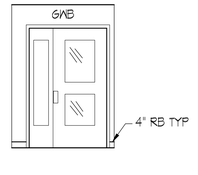
WEST ELEVATION

113 REST ROOM
1/4" = 1'-0"



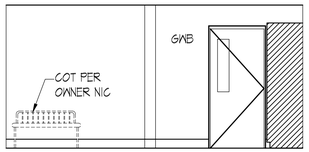
EAST ELEVATION

119 WORK ROOM
1/4" = 1'-0"

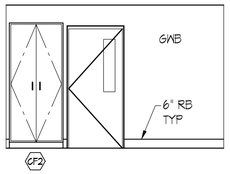


NORTH ELEVATION

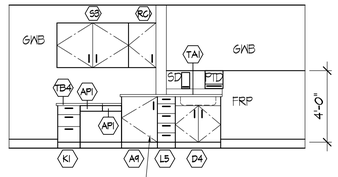
122 EXIT CORRIDOR
1/4" = 1'-0"



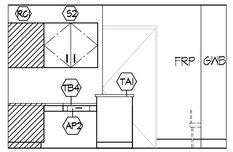
NORTH ELEVATION



EAST ELEVATION

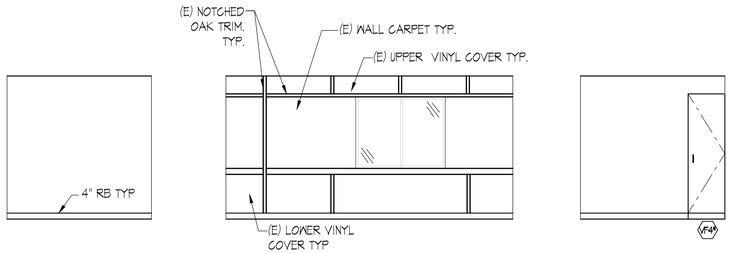


SOUTH ELEVATION



WEST ELEVATION

116 NURSE OFFICE
1/4" = 1'-0"

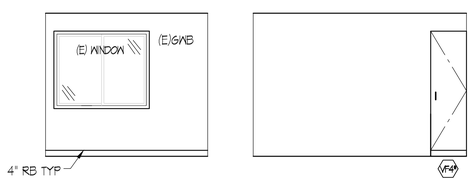


WEST ELEVATION

NORTH ELEVATION

EAST ELEVATION

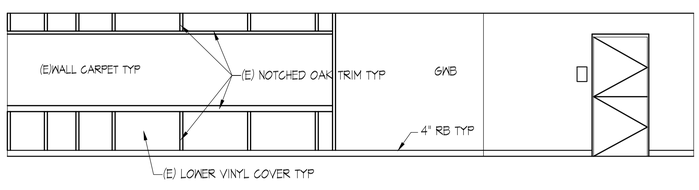
120 COORDINATORS OFFICE
1/4" = 1'-0"



SOUTH ELEVATION

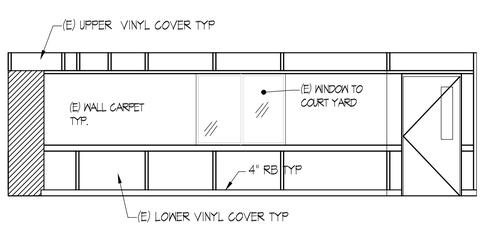
WEST ELEVATION

141 PSYCH. OFFICE
1/4" = 1'-0"

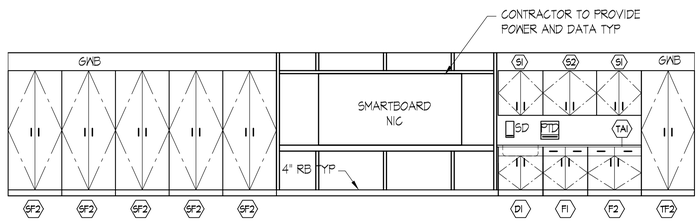


NORTH ELEVATION

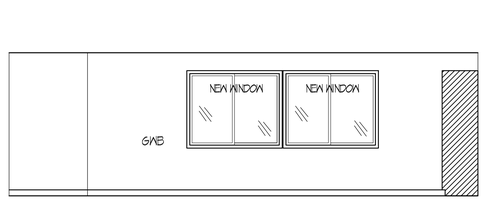
134 CLASSROOM 5
1/4" = 1'-0"



WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION

134 CLASSROOM 5
1/4" = 1'-0"

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SCALES AS NOTED

A5.03

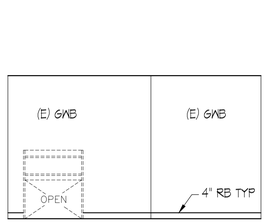
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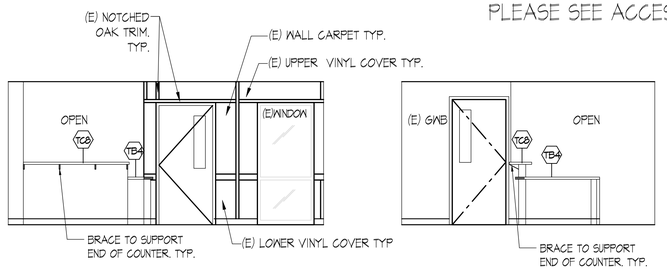
PLEASE SEE CASEWORK SCHEDULE ON SHEET A0.05
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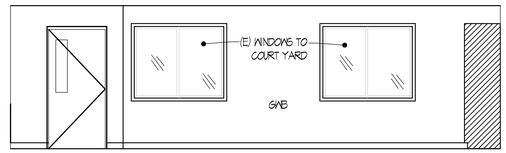
WEST ELEVATION



SOUTH ELEVATION

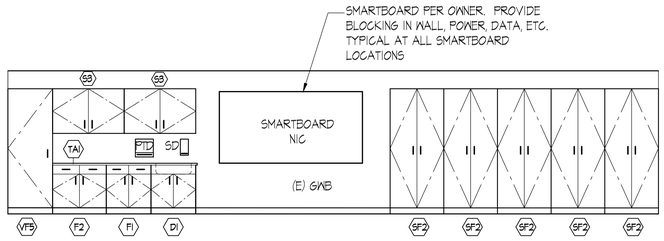
EAST ELEVATION

143 LOBBY OFFICE
1/4" = 1'-0"



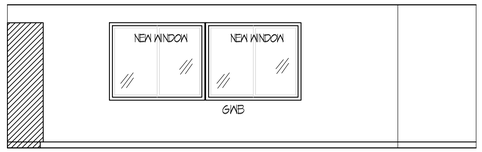
NORTH ELEVATION

129 CLASSROOM #2
1/4" = 1'-0"

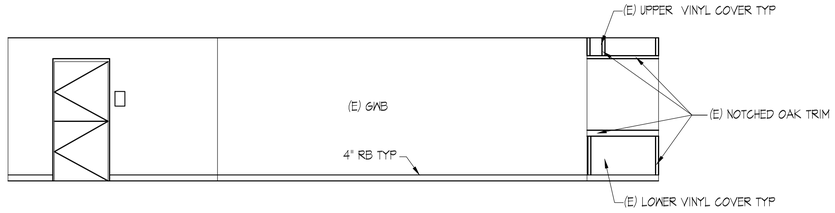


EAST ELEVATION

129 CLASSROOM #2
1/4" = 1'-0"



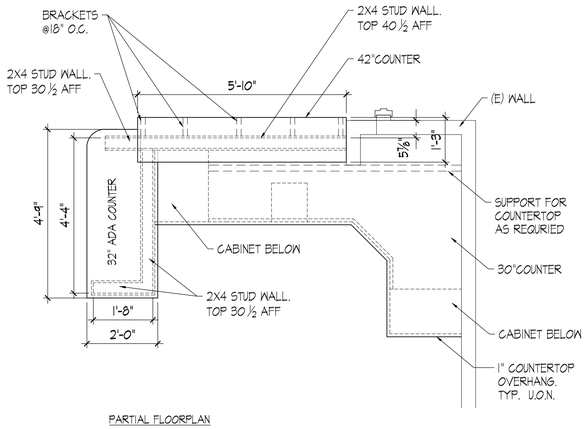
SOUTH ELEVATION



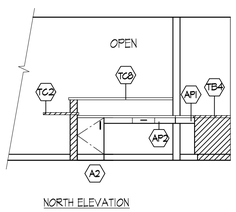
WEST ELEVATION

129 CLASSROOM #2
1/4" = 1'-0"

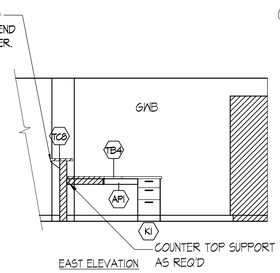
NOTE: WALL DIMENSIONS TO FACE/END OF STUD.



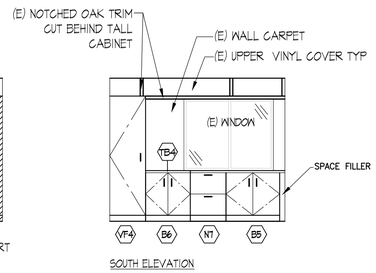
PARTIAL FLOORPLAN



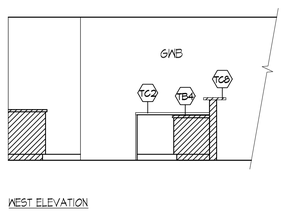
NORTH ELEVATION



EAST ELEVATION



SOUTH ELEVATION



WEST ELEVATION

146 RECEPTION/ADMIN.
1/4" = 1'-0"

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CHECKED BY: S.C.
APPROVED BY: S.C.

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SNOQUALMIE, WA 98065

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REVISION	DATE
BID SET	10/31/24

INTERIOR ELEVATIONS

SCALES AS NOTED

A5.04

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ORIGINAL DOCUMENT SIZE 24" X 36"

REFLECTED CEILING PLAN LEGEND

EXISTING

- SUSPENDED ACOUSTICAL PANEL (EXISTING)
- RECESSED LIGHT FIXTURE (EXISTING)
- LARGE PENDANT LIGHT FIXTURE (EXISTING)
- CEILING DIFFUSER, OR GRILLE (EXISTING)
- EXIT SIGN
- SPRINKLER HEAD (EXISTING)
- SMOKE DETECTOR (EXISTING)

EXISTING ITEM IN NEW CEILING
TO BE LOCATED IN SAME POSITION IN NEW CEILING

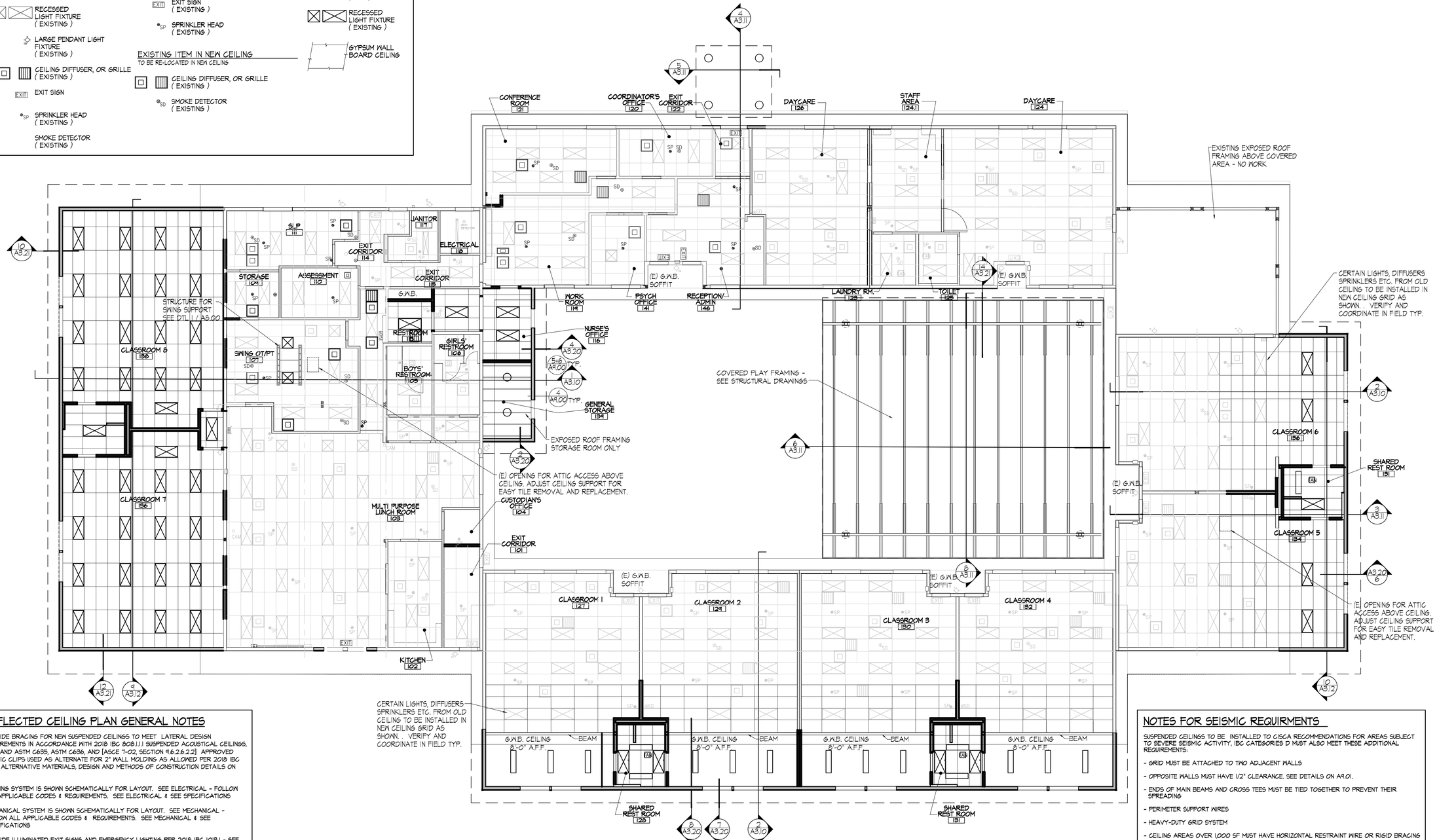
- CEILING DIFFUSER, OR GRILLE (EXISTING)
- EXIT SIGN (EXISTING)
- SPRINKLER HEAD (EXISTING)

EXISTING ITEM IN NEW CEILING
TO BE RE-LOCATED IN NEW CEILING

- CEILING DIFFUSER, OR GRILLE (EXISTING)
- SMOKE DETECTOR (EXISTING)

NEW ITEMS

- SUSPENDED ACOUSTICAL PANEL (NEW)
- RECESSED LIGHT FIXTURE (EXISTING)
- GYPSUM WALL BOARD CEILING



TRUE NORTH / PROJECT NORTH

1 FIRST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

0 2 4 10'-0" 1 3 5 20'-0"
SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN GENERAL NOTES

PROVIDE BRACING FOR NEW SUSPENDED CEILINGS TO MEET LATERAL DESIGN REQUIREMENTS IN ACCORDANCE WITH 2018 IBC 808.1.1.1 SUSPENDED ACOUSTICAL CEILINGS, 1606, AND ASTM C635, ASTM C636, AND [ASCE 7-02, SECTION 9.6.2.6.2.2] APPROVED SEISMIC CLIPS USED AS ALTERNATE FOR 2" WALL MOLDING AS ALLOWED PER 2018 IBC 104.11, ALTERNATIVE MATERIALS, DESIGN AND METHODS OF CONSTRUCTION DETAILS ON A9.01

LIGHTING SYSTEM IS SHOWN SCHEMATICALLY FOR LAYOUT. SEE ELECTRICAL - FOLLOW ALL APPLICABLE CODES & REQUIREMENTS. SEE ELECTRICAL & SEE SPECIFICATIONS

MECHANICAL SYSTEM IS SHOWN SCHEMATICALLY FOR LAYOUT. SEE MECHANICAL - FOLLOW ALL APPLICABLE CODES & REQUIREMENTS. SEE MECHANICAL & SEE SPECIFICATIONS

PROVIDE ILLUMINATED EXIT SIGNS AND EMERGENCY LIGHTING PER 2018 IBC 1013.1 - SEE ELECTRICAL PROVIDE VISIBLE FIRE ALARMS PER WASHINGTON STATE FIRE CODE 907 - SEE ELECTRICAL.

ANY DISCREPANCIES IN TYPES OF LIGHTING BETWEEN THE ARCHITECTURAL DRAWINGS AND THE ELECTRICAL DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO ORDERING.

CONTRACTOR SHALL COORDINATE AND INSTALL ACCESS DOORS/PANELS FOR MECHANICAL OR OTHER REQUIRED ACCESS INTO CEILINGS AND WALLS - TYPICAL - SEE MECHANICAL, FIRE SPRINKLER AND SPECIFICATIONS

NOTES FOR SEISMIC REQUIRMENTS

SUSPENDED CEILINGS TO BE INSTALLED TO CISCA RECOMMENDATIONS FOR AREAS SUBJECT TO SEVERE SEISMIC ACTIVITY, IBC CATEGORIES D MUST ALSO MEET THESE ADDITIONAL REQUIREMENTS:

- GRID MUST BE ATTACHED TO TWO ADJACENT WALLS
- OPPOSITE WALLS MUST HAVE 1/2" CLEARANCE. SEE DETAILS ON A9.01.
- ENDS OF MAIN BEAMS AND CROSS TEES MUST BE TIED TOGETHER TO PREVENT THEIR SPREADING
- PERIMETER SUPPORT WIRES
- HEAVY-DUTY GRID SYSTEM
- CEILING AREAS OVER 1,000 SF MUST HAVE HORIZONTAL RESTRAINT WIRE OR RIGID BRACING
- CEILING AREAS OVER 2,500 SF MUST HAVE SEISMIC SEPARATION JOINTS OR FULL HEIGHT PARTITIONS
- CEILINGS WITHOUT RIGID BRACING MUST HAVE 2" OVERSIZED TRIM RINGS FOR SPRINKLERS AND OTHER PENETRATIONS
- CHANGES IN CEILING PLANE MUST HAVE POSITIVE BRACING
- CABLE TRAYS AND ELECTRICAL CONDUITS MUST BE INDEPENDENTLY SUPPORTED AND BRACED
- MINIMUM 7/8" WALL MOLDING WITH APPROVED SEISMIC CLIPS

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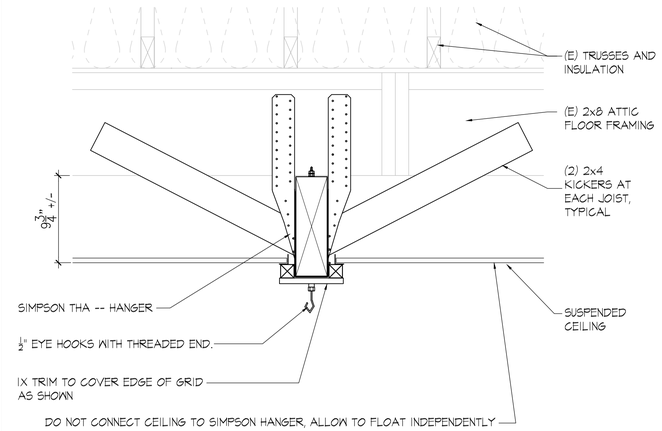
REVISION	DATE
BID SET	10/31/24

REFLECTED CEILING PLAN
SCALES AS NOTED

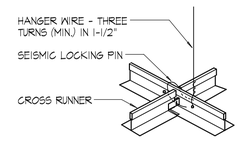
A6.01

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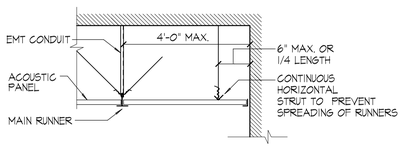
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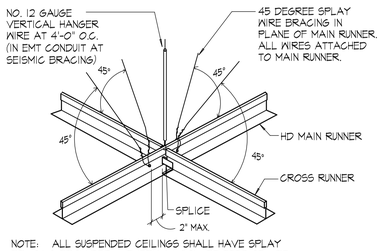
1 ROPE SWING ATTACHMENT TO STRUCTURE
1-1/2"=1'-0"



2 LOCKING CLIP

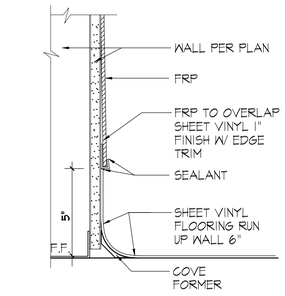


3 SUSPENDED CEILING DETAIL AT WALL

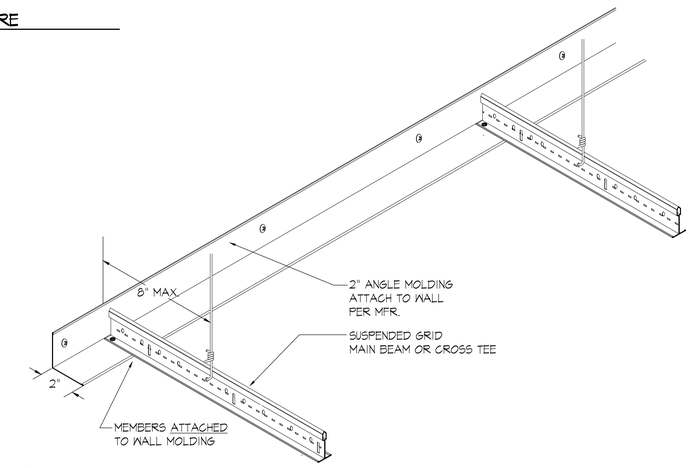


NOTE: ALL SUSPENDED CEILINGS SHALL HAVE SPLAY BRACING PROVIDED @ EVERY 64 SQUARE FEET OF AREA. VERTICAL STRUTS SHALL BE EMT CONDUIT. USE ½" DIAMETER CONDUIT FOR VERTICAL DIMENSIONS OF UP TO 6'-0", ¾" DIA. FOR DIMS. OF UP TO 8'-6", 1" DIA. FOR DIMS. UP TO 10'-0" & BACK TO BACK 1-5/8" STUDS UP TO 15'-0".

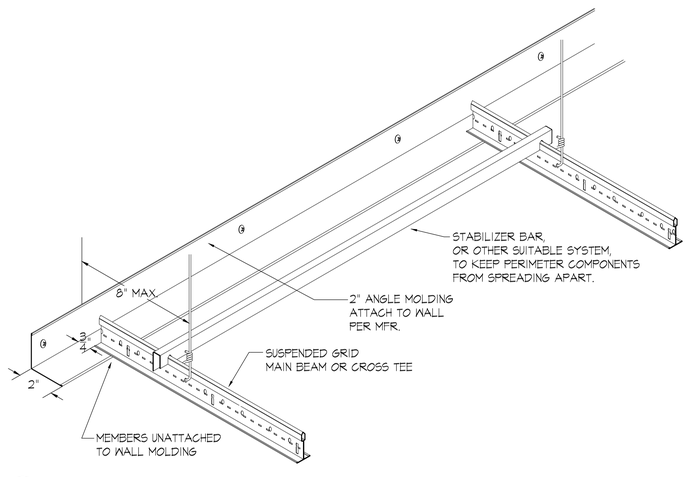
4 TYPICAL SPLAY BRACING



9 WALL BASE DETAIL - FRP
3"=1'-0"



7 ATTACHED WALL MOLDING



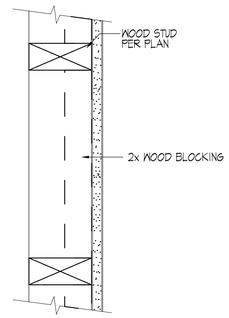
8 2" UN-ATTACHED WALL MOLDING

TYPICAL BLOCKING DETAILS

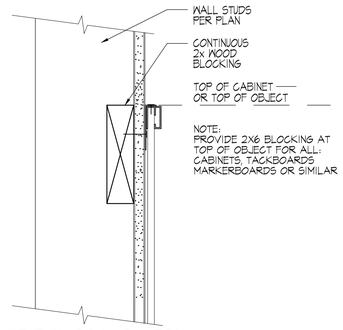
NOTE: PROVIDE MINIMUM BACKING/BLOCKING AT ALL NECESSARY LOCATIONS, WALL, CEILING OR FLOOR TO ACCEPT ATTACHMENT FOR WALL ACCESSORIES, CABINETS, HANDRAILS OR ANY OTHER MOUNTED OBJECT - TYPICAL

GENERAL CONTRACTOR SHALL COORDINATE ALL BLOCKING BETWEEN DIFFERENT TRADES - SEE SPECIFICATIONS

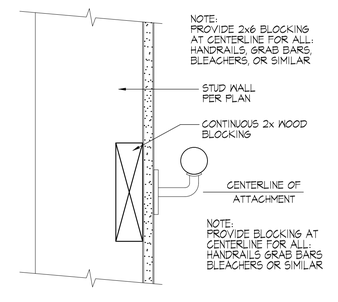
13 NOTES FOR BLOCKING



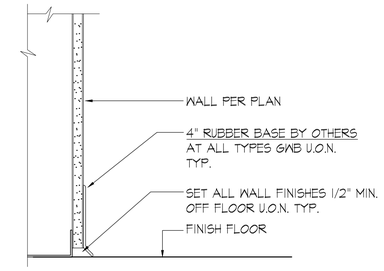
14 WOOD STUD BLOCKING - TYPICAL
3"=1'-0"



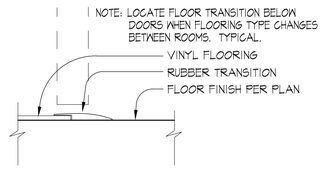
15 WOOD STUD BLOCKING - TOP
3"=1'-0"



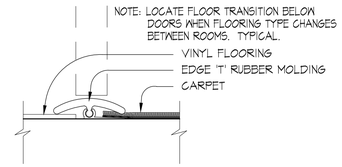
16 WOOD STUD BLOCKING - CENTERLINE
3"=1'-0"



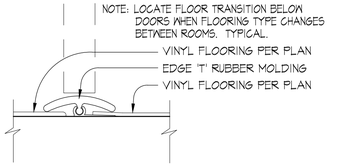
17 WALL BASE DETAIL - TYPICAL
3"=1'-0"



18 FLOOR DETAIL



19 FLOOR DETAIL



20 FLOOR DETAIL

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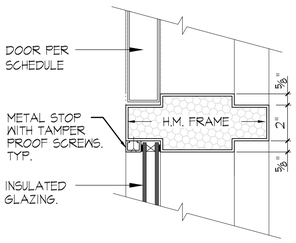
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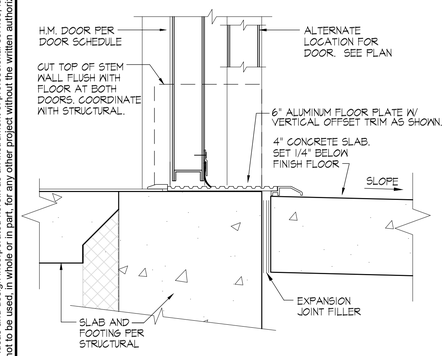
ALL HOLLOW METAL FRAMES IN STUD WALL CONSTRUCTION (EXISTING & NEW) AND (INTERIOR & EXTERIOR) SHALL BE COMPLETELY FILLED WITH EXPANDING FOAM INSULATION
- TYPICAL

CONDUITS SHALL BE PROVIDED INSIDE OF HOLLOW METAL FRAMES FOR INSTALLATION OF ELECTRICAL DEVICES. THE GENERAL CONTRACTOR SHALL VERIFY AND COORDINATE DOOR FRAME CONDUIT INSTALLATION WITH DRYWALL CONTRACTOR, ELECTRICAL CONTRACTOR, ALARM CONTRACTOR AND OTHER SUBCONTRACTORS THAT HAVE WORK RELATED TO THE DOOR FRAME INSTALLATIONS. - TYPICAL

21 TYPICAL DOOR DETAIL NOTES



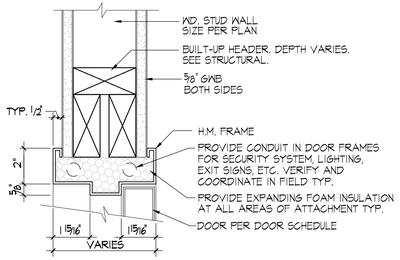
22 MULLION DETAIL
3"=1'-0"



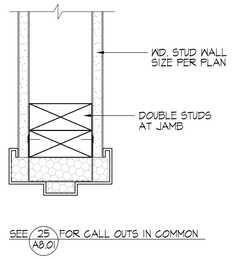
23 MULLION DETAIL
3"=1'-0"

24 THRESHOLD DETAIL
3"=1'-0"

NOTE:
ITEMS SHOWN ON THIS DETAIL SHALL APPLY TO ALL HEADS AND JAMBS FOR THIS WALL TYPE. THIS FRAME TYPES AND SHALL BE CONSIDERED TO BE MIN. STANDARDS. SEE SPECIFIC DETAIL AS CALLED OUT ON PLANS OR SECTIONS FOR SPECIFIC AND ADDITIONAL CALLOUTS.



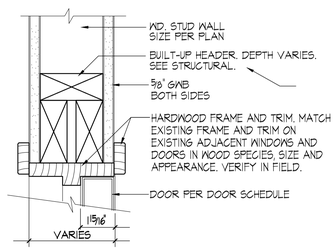
25 HEAD DETAIL - DOOR
3"=1'-0"



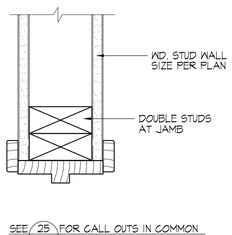
SEE 25 A8.01 FOR CALL OUTS IN COMMON

26 JAMB DETAIL - DOOR
3"=1'-0"

NOTE:
ITEMS SHOWN ON THIS DETAIL SHALL APPLY TO ALL HEADS AND JAMBS FOR THIS WALL TYPE. THIS FRAME TYPES AND SHALL BE CONSIDERED TO BE MIN. STANDARDS. SEE SPECIFIC DETAIL AS CALLED OUT ON PLANS OR SECTIONS FOR SPECIFIC AND ADDITIONAL CALLOUTS.

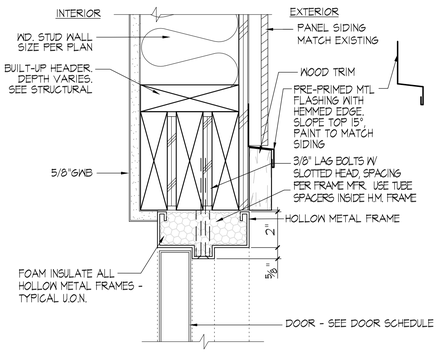


27 HEAD DETAIL - DOOR
3"=1'-0"

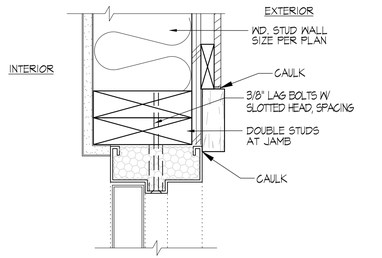


SEE 25 A8.01 FOR CALL OUTS IN COMMON

28 JAMB DETAIL - DOOR
3"=1'-0"

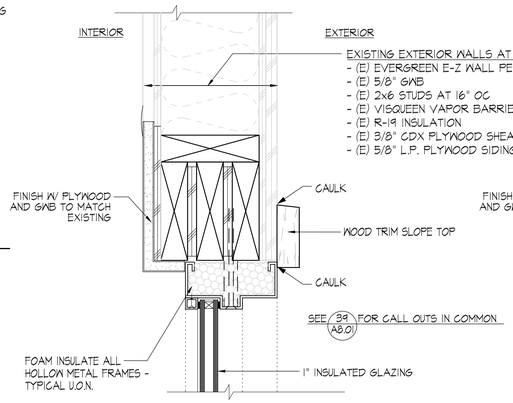


29 HEAD DETAIL - DOOR
3"=1'-0"

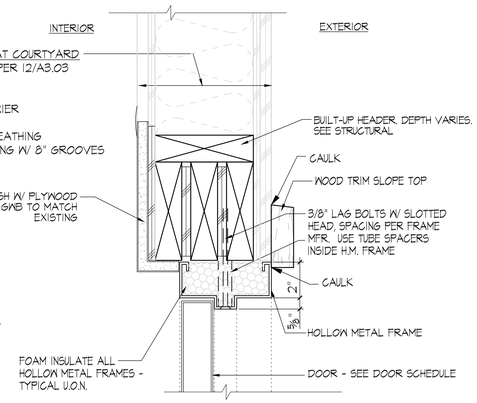


SEE 29 A8.01 FOR CALL OUTS IN COMMON

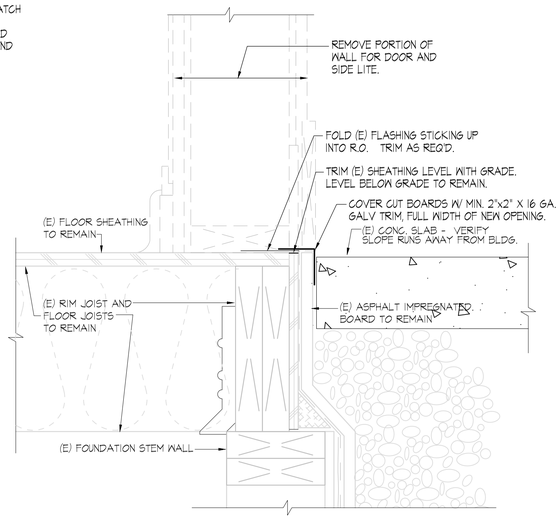
30 JAMB DETAIL - DOOR
3"=1'-0"



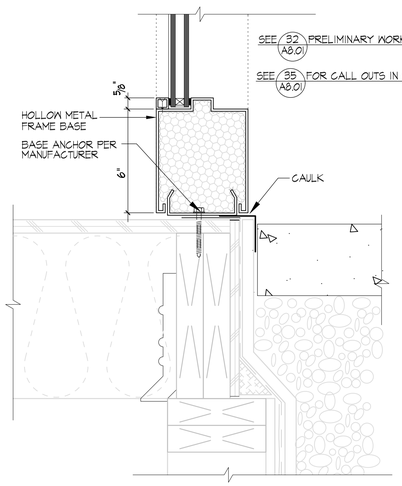
35 HEAD DETAIL EXT. H.M. SIDE LITE
3"=1'-0"



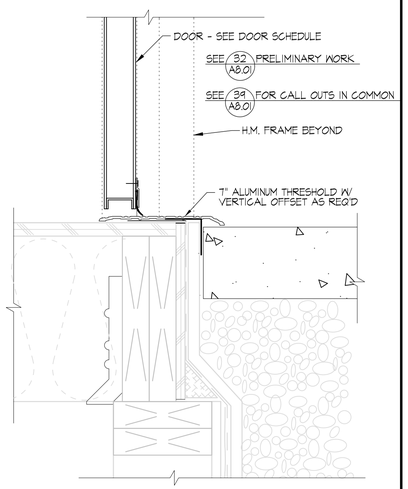
39 HEAD DETAIL - EXT. DOOR
3"=1'-0"



32 PREP WORK AT REMOVED WALL
3"=1'-0"



36 SILL DETAIL EXT. H.M. SIDE LITE
3"=1'-0"



40 THRESHOLD DETAIL - EXT. DOOR
3"=1'-0"

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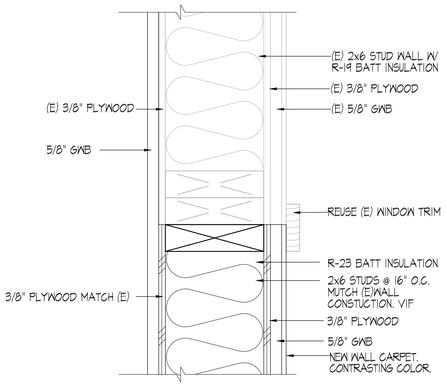
DETAILS

SCALES AS NOTED

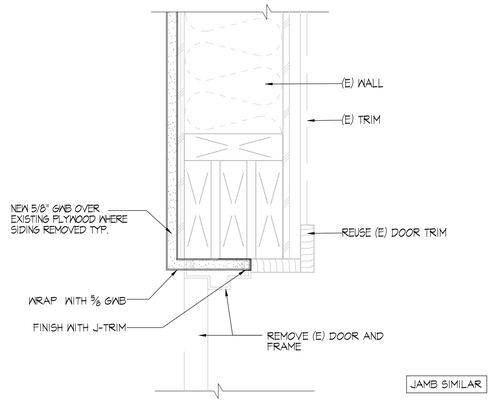
A8.01

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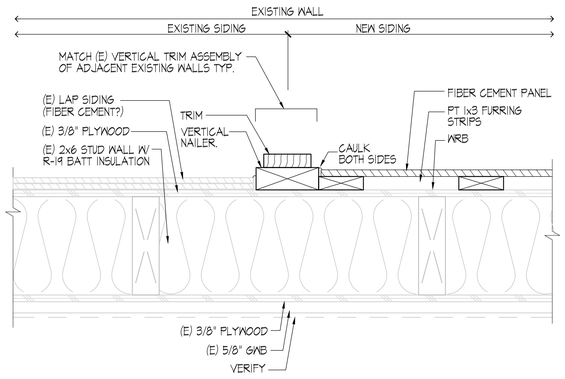
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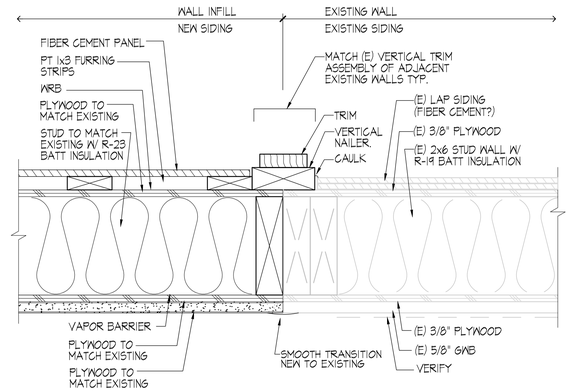
41 WALL TRANSITION - WINDOW INFILLING DETAIL
3"=1'-0"



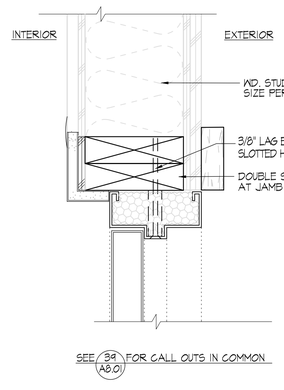
45 EXT DOOR TO INTERIOR ENTRYWAY
3"=1'-0"



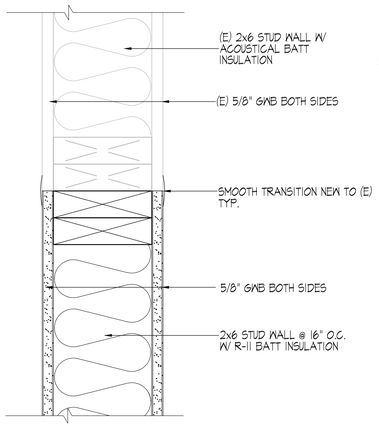
53 SIDING TRANSITION ON EXISTING WALL
3"=1'-0"



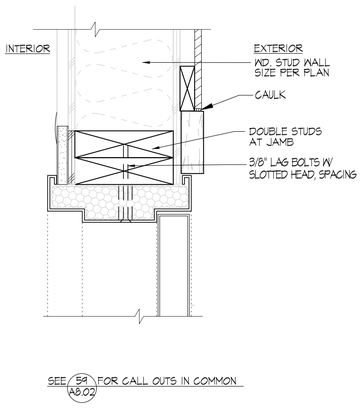
54 SIDING TRANSITION AT INFILL WALL
3"=1'-0"



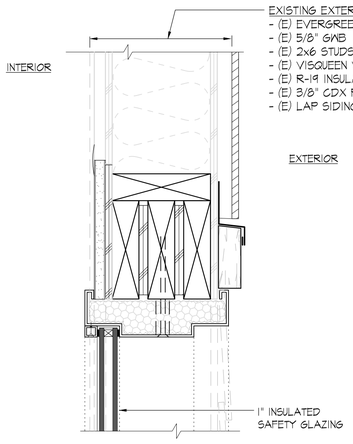
42 JAMB DETAIL - EXT. DOOR
3"=1'-0"



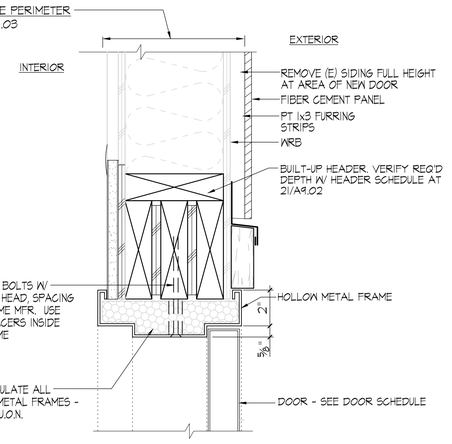
46 WALL TRANSITION - NEW TO EXISTING INTERRIOR
3"=1'-0"



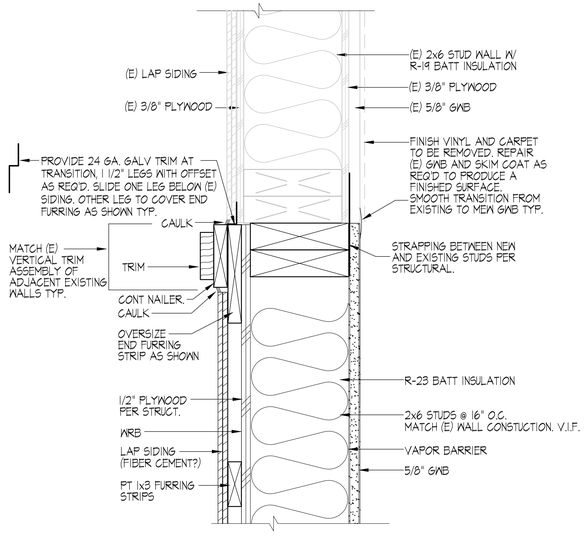
51 JAMB DETAIL - EXT. DOOR
3"=1'-0"



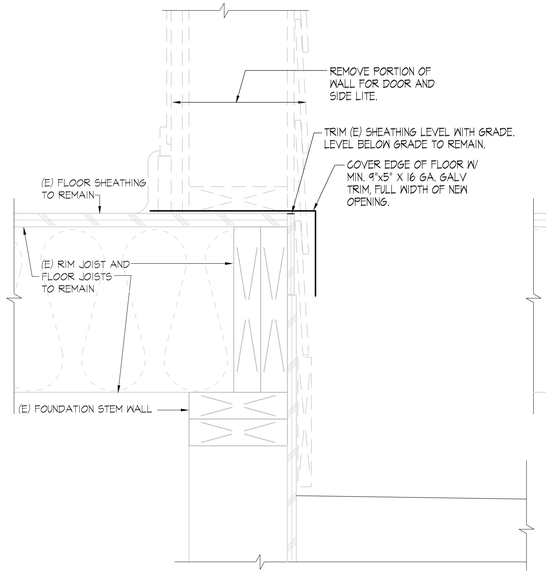
55 HEAD DETAIL EXT. H.M. SIDE LITE
3"=1'-0"



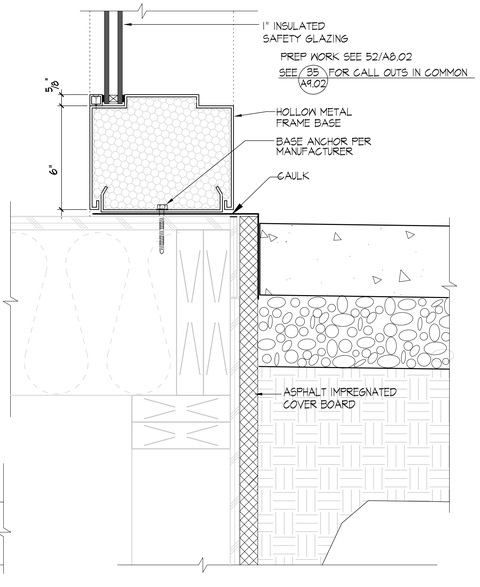
59 HEAD DETAIL - EXT. DOOR
3"=1'-0"



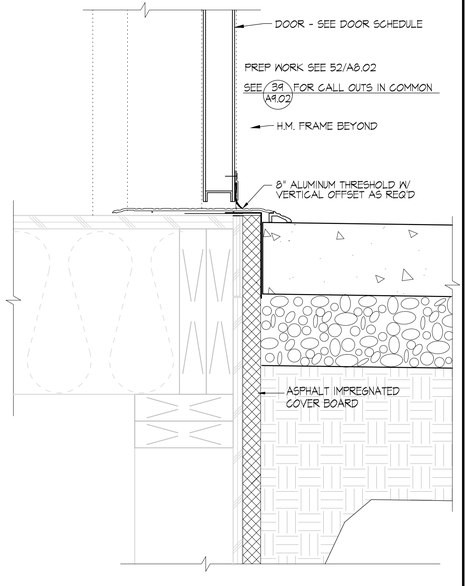
44 WALL TRANSITION - NEW TO EXISTING
3"=1'-0"



52 PREP WORK AT REMOVED WALL
3"=1'-0"



56 SILL DETAIL EXT. H.M. SIDE LITE
3"=1'-0"



60 THRESHOLD DETAIL - EXT. DOOR
3"=1'-0"

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Scott Alan Connor
STATE OF WASHINGTON

DRAWN BY: amv + IS
CHECKED BY: S.C.
APPROVED BY: S.C.

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PROJECT ADDRESS
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8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

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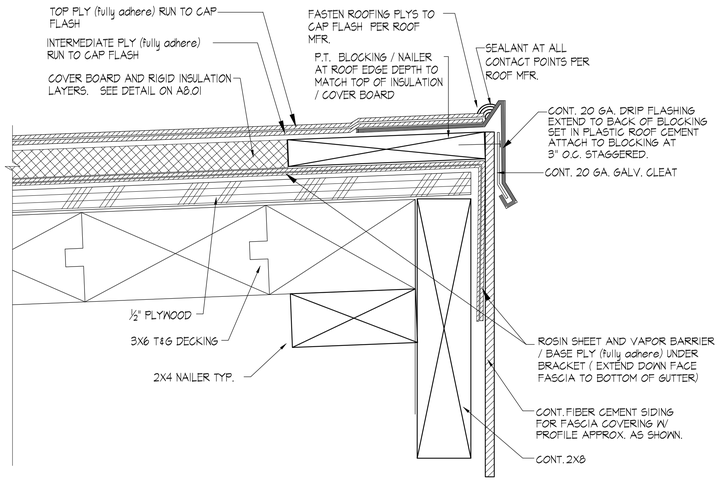
DETAILS

SCALES AS NOTED

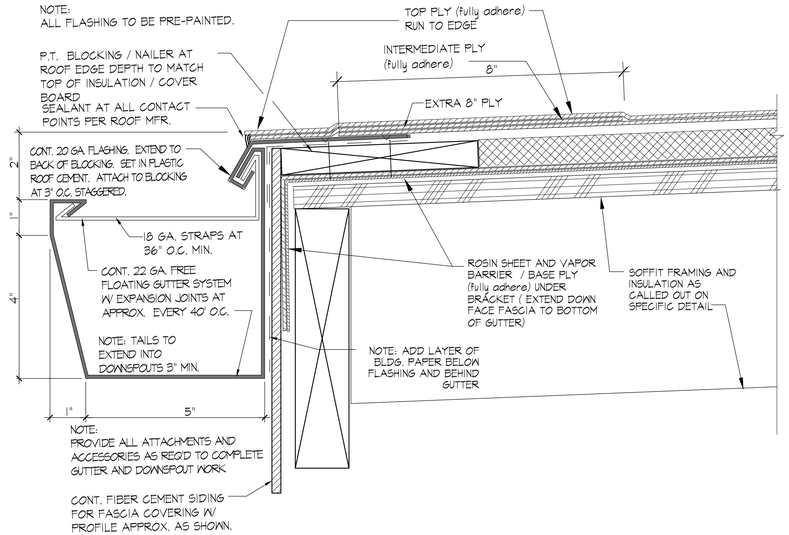
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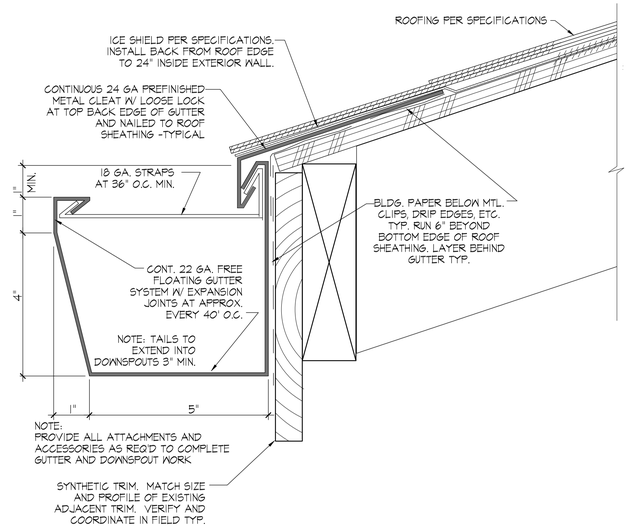
ORIGINAL DOCUMENT SIZE 24" X 36"



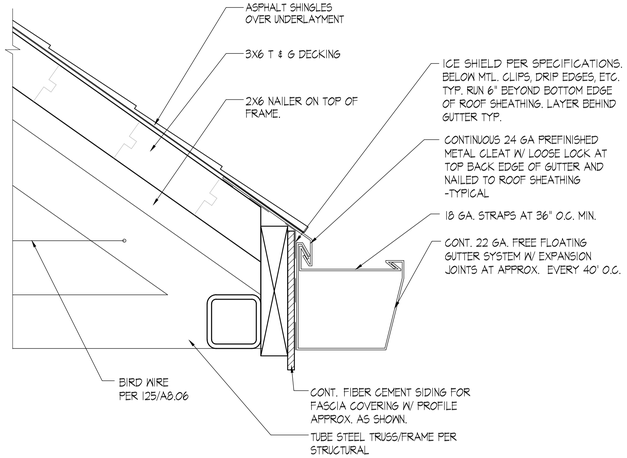
61 TYPICAL ROOFING DETAIL AT TOP - COVERED PLAY
6"=1'-0"



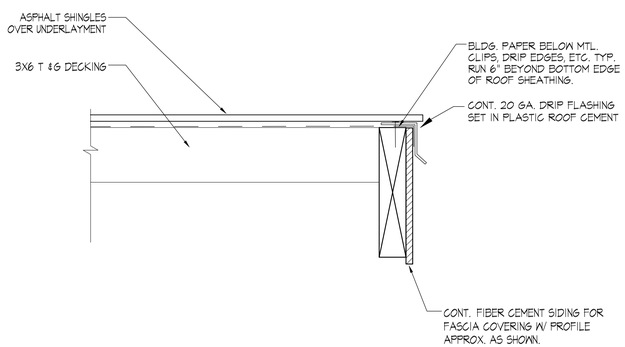
66 TYPICAL ROOFING DETAIL AT GUTTER -SOUTH ADDITION
6"=1'-0"



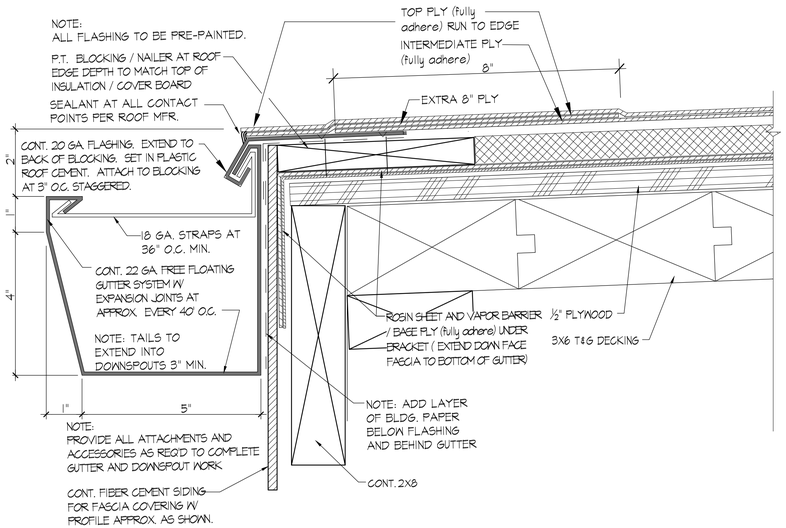
74 TYPICAL ROOFING DETAIL AT GUTTER - EAST AND WEST ADDITIONS
6"=1'-0"



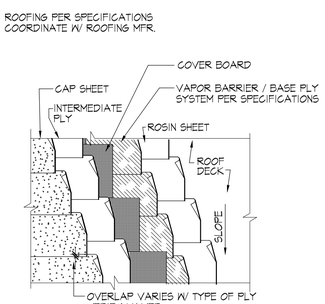
62 TYPICAL ROOFING DETAIL AT GUTTER - CANOPY
3"=1'-0"



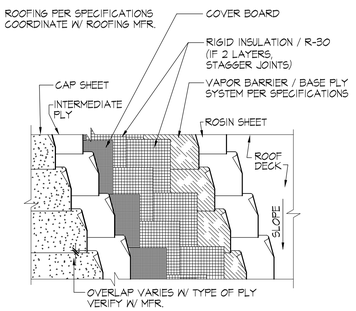
64 TYPICAL ROOFING DETAIL AT TOP - CANOPY
3"=1'-0"



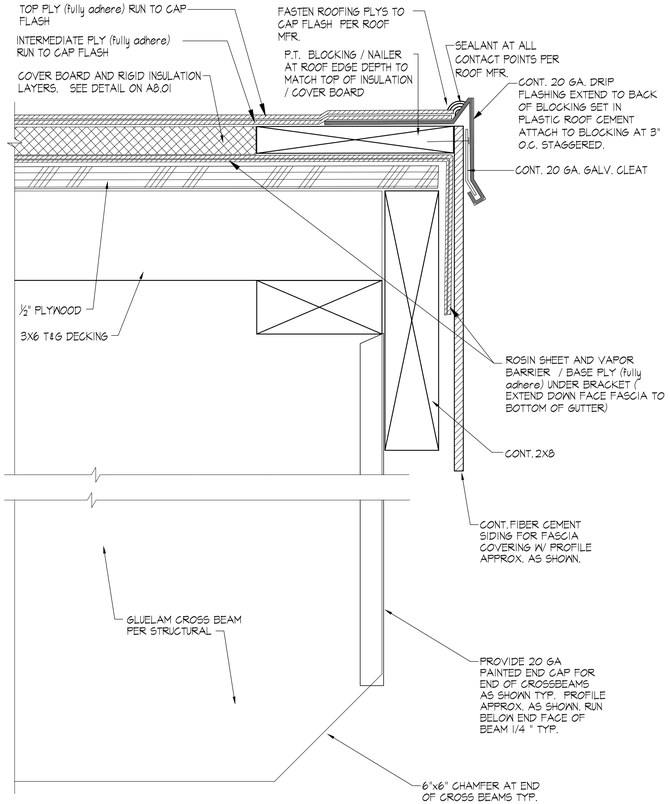
67 TYPICAL ROOFING DETAIL AT GUTTER - COVERED PLAY
6"=1'-0"



68 SBS ROOFING SYSTEM
NOT TO SCALE



69 SBS ROOFING SYSTEM
NOT TO SCALE



76 TYPICAL ROOFING DETAIL AT TOP - CANOPY
6"=1'-0"

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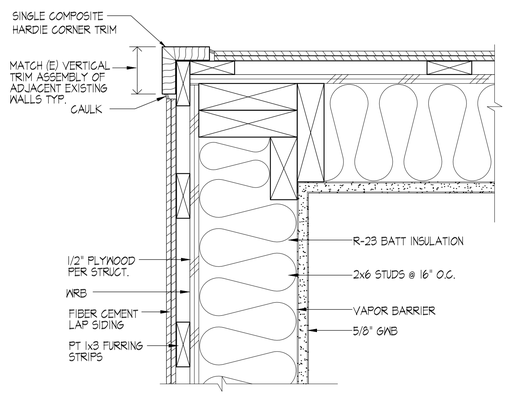
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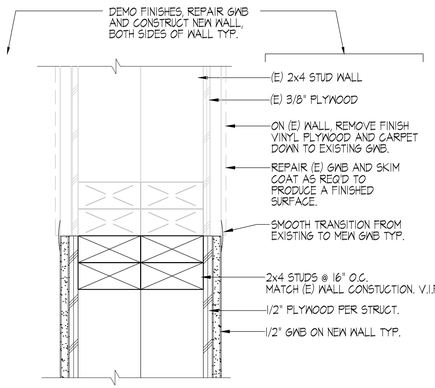
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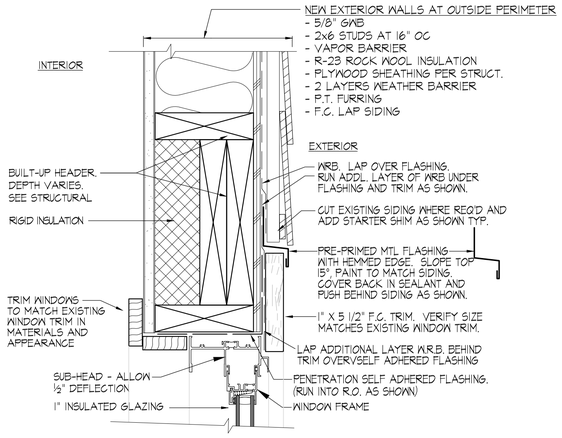
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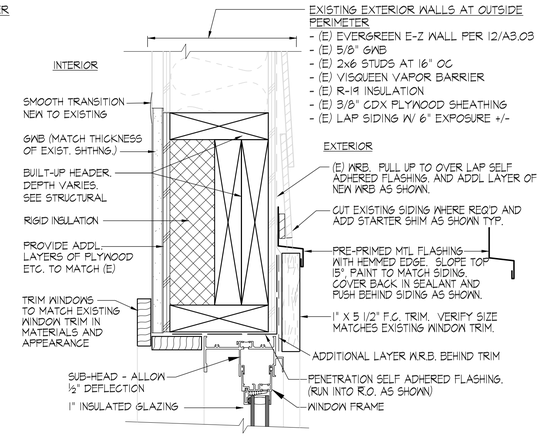


81 CORNER TRIM DETAIL
3"=1'-0"

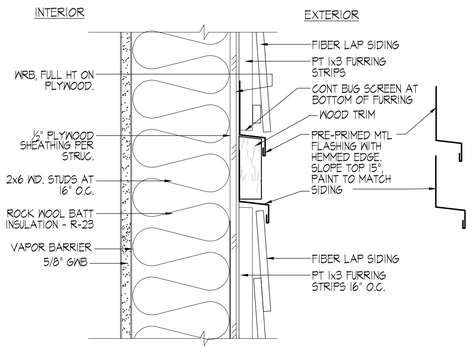




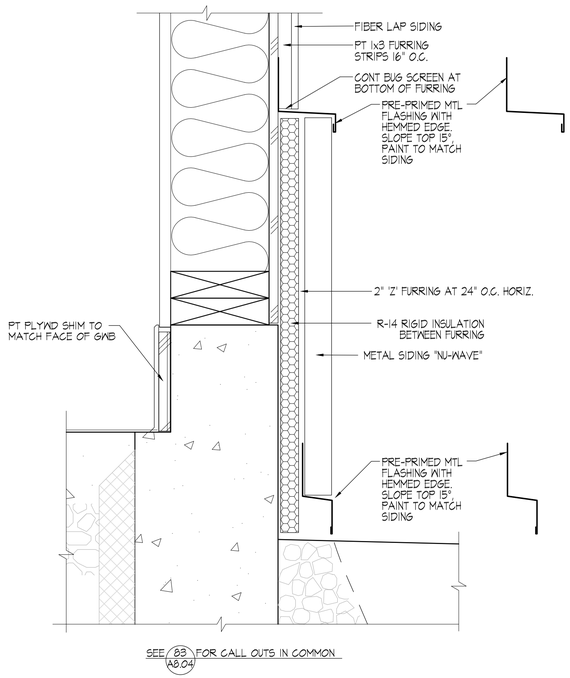
91 HEAD DETAIL / WINDOW
3"=1'-0"



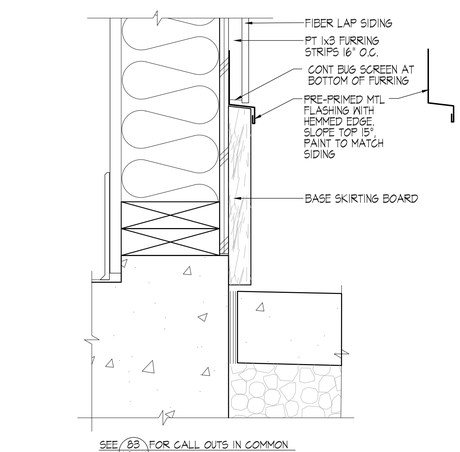
98 HEAD DETAIL / WINDOW
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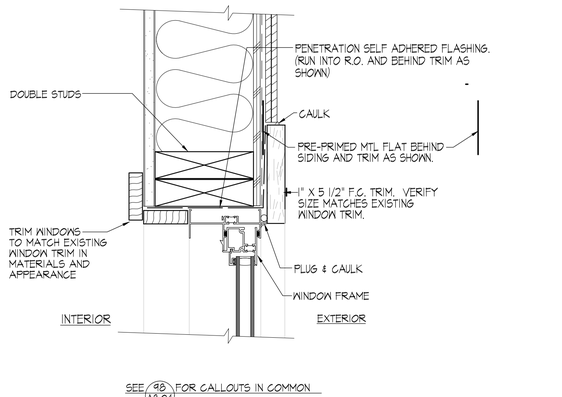
83 WALL TRIM DETAIL
3"=1'-0"



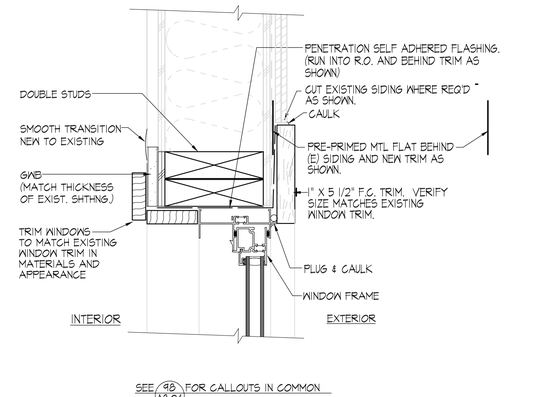
88 FLASING DETAIL
3"=1'-0"



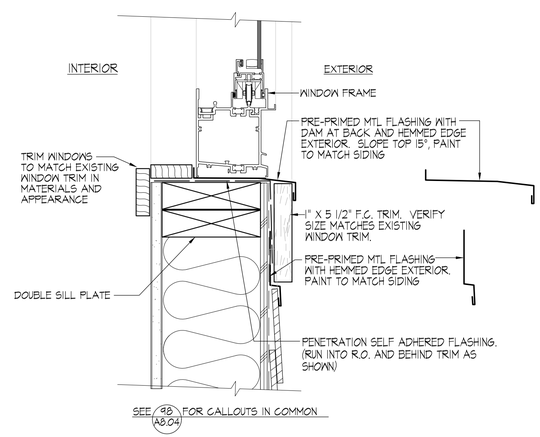
85 WALL TRIM DETAIL
3"=1'-0"



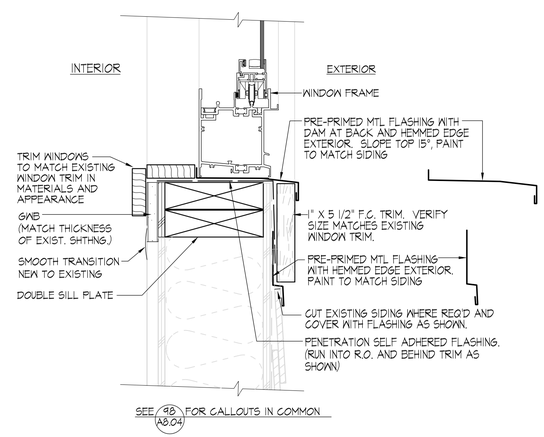
93 JAMB DETAIL / WINDOW
3"=1'-0"



99 JAMB DETAIL / WINDOW
3"=1'-0"



95 SILL DETAIL / WINDOW
3"=1'-0"



100 SILL DETAIL / WINDOW
3"=1'-0"

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APPROVED BY: S.C.

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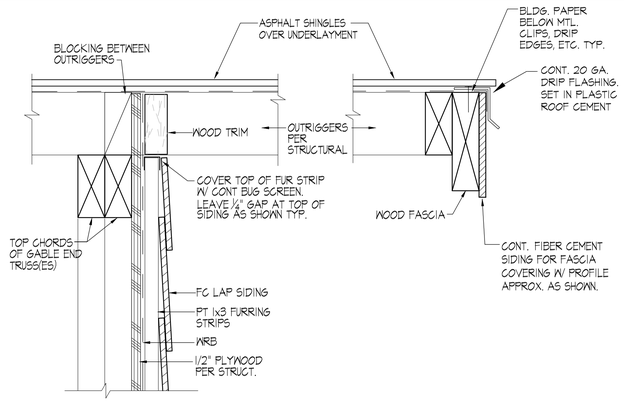
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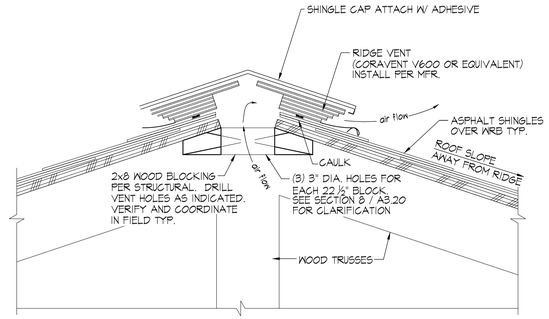
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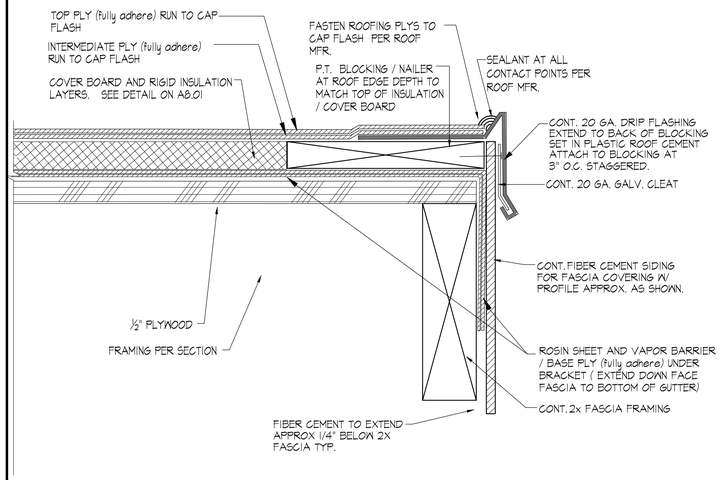
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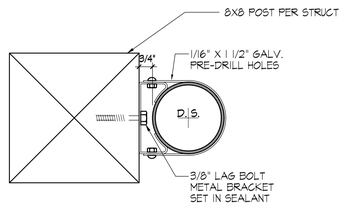
106 TYPICAL ROOF OVERHANG AND RAKE DETAIL
3"=1'-0"



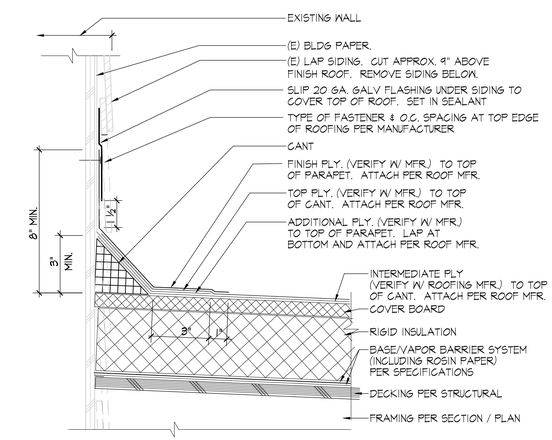
112 VENTING TROUGH FRAMING AT RIDGE VENT
3"=1'-0"



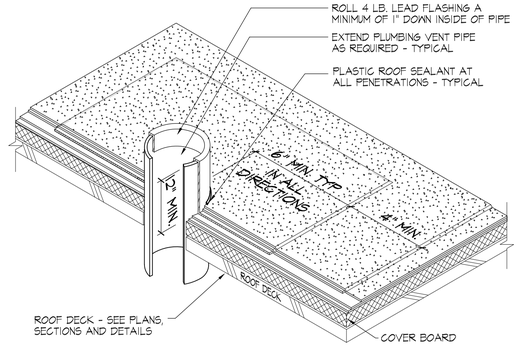
103 TYPICAL ROOFING RAKE DETAIL
6"=1'-0"



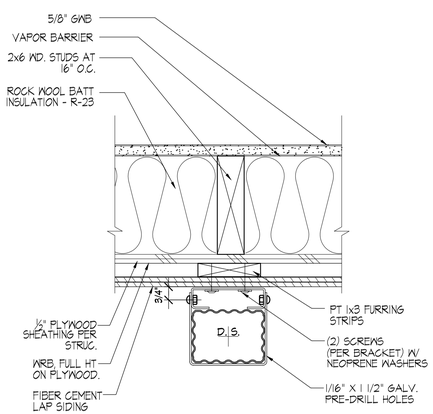
108 DOWNSPOUT AT COVERED PLAY
3"=1'-0"



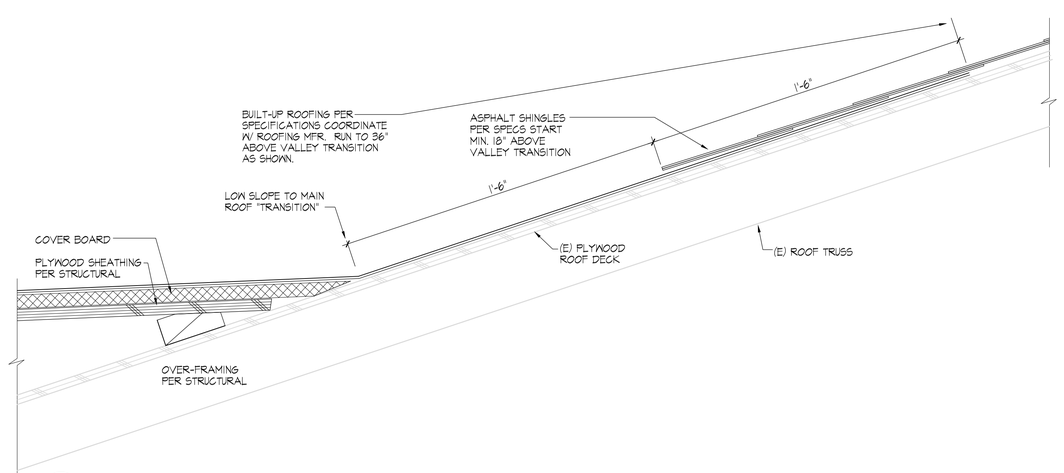
113 NEW ROOF TO (E) WALL TRANSITION
3"=1'-0"



118 TYPICAL VENT FLASHING
NOT TO SCALE



110 DOWNSPOUT AT NEW WALL
3"=1'-0"



115 NEW ROOF TO EXISTING ROOF
3"=1'-0"

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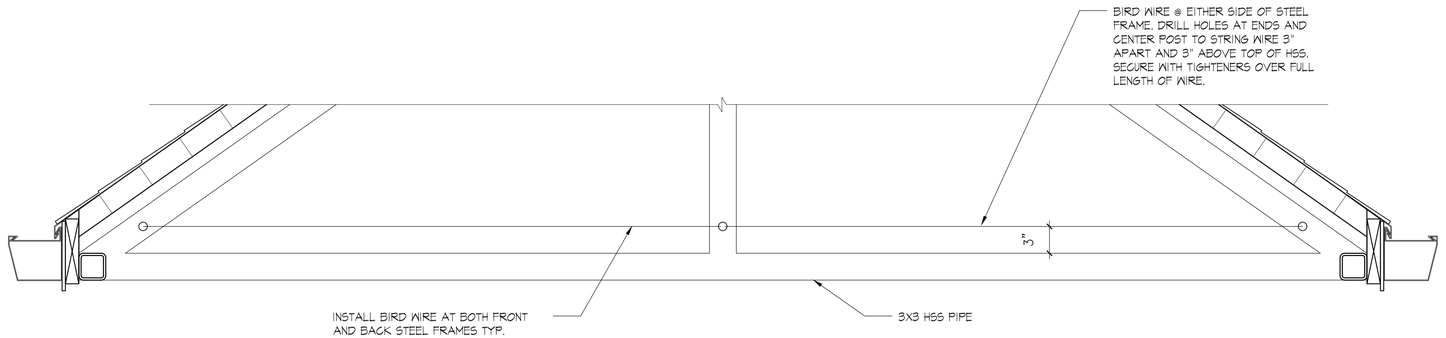
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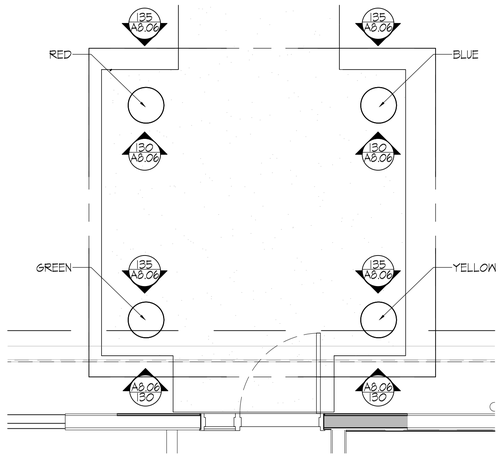
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125 INSTALLATION OF BIRD WIRE
1 1/2"=1'-0"



140 COLUMN COLOR PLAN
NOT TO SCALE

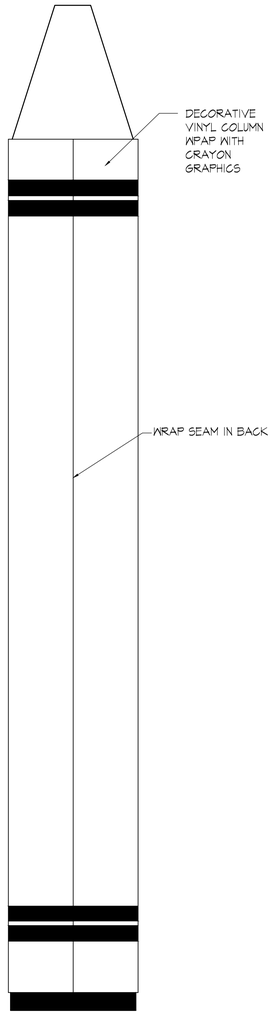
APPLY GRAPHIC VINYL COVERING TO COLUMNS.

WALL SURFACE TEXTURE.
VERIFY WITH THE VINYL COVERING MANUFACTURER THE MINIMUM REQUIREMENTS FOR WALL SURFACE. ASSUME FOR SUCCESSFUL GRAPHIC APPLICATION AND ADHESION, COLUMN TO BE SMOOTH, PROPERLY PRIMED, PAINTED AND CURED WITH LITTLE OR NO SURFACE VARIATION.

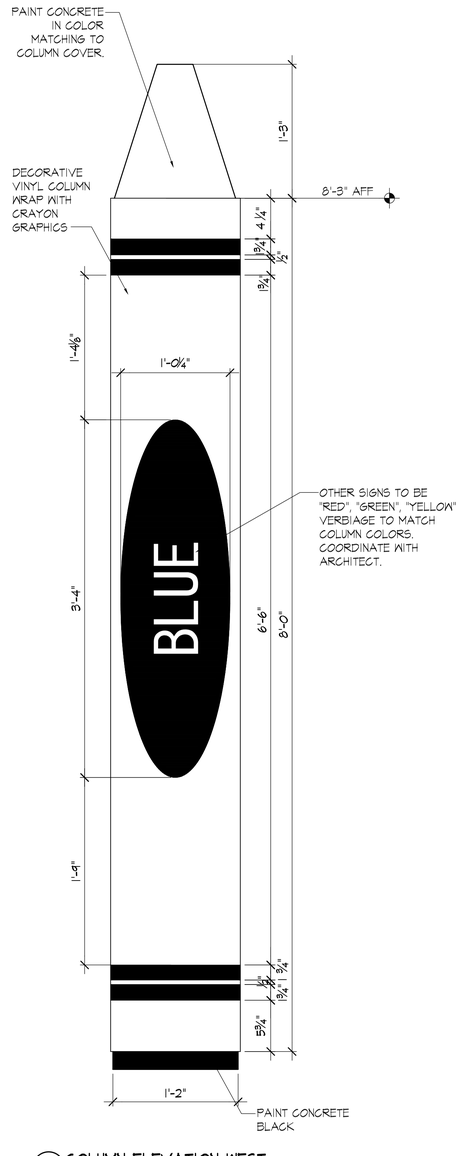
WALL SURFACE PREPARATION AND PAINTING.
PRIME AND PAINT COLUMN WITH PRODUCTS AS RECOMMENDED FOR BEST RESULTS BY THE VINYL WRAP MANUFACTURER. PRIME THE COLUMN WITH A PRIMER THAT IS COMPATIBLE WITH THE TOP PAINT COAT. TWO COATS MAY BE REQUIRED. PAINT THE COLUMNS WITH A QUALITY, SEMI-GLOSS TOP COAT. DO NOT USE MATTE PAINT OR PAINT WITH SILICONE, GRAFFITI-RESISTANT OR TEXTURIZING ADDITIVES. ALLOW THE PRIMER AND PAINT TO DRY/CURE AS RECOMMENDED BY THE PRIMER/PAINT MANUFACTURER, BUT NO LESS THAN 5 DAYS. FULL CURING REQUIRES AT LEAST 30 DAYS IN PROPER CONDITIONS. DO NOT APPLY GRAPHICS TO ANY WALL THAT DOES NOT HAVE EXCELLENT PAINT TO SUBSTRATE BONDING.

PERFORM FILM ADHESION-TO-PAINTED SUBSTRATE TEST.
TEST ON BACK OF COLUMN IN WHICH A WALL GRAPHIC WILL BE APPLIED. CLEAN AN AREA ON THE SAME COLUMN (PROPERLY PAINTED AND CURED) ON WHICH THE GRAPHIC WILL BE APPLIED. USE A CLEAN CLOTH THAT HAS NO CLEANING AGENTS. USE WALL TEST PER MFR.

GRAPHIC APPLICATION.
LARGER GRAPHICS CAN BE DIFFICULT TO HANDLE AND ALIGN, AND REQUIRE SKILL THAT IS ACQUIRED ONLY THROUGH PRACTICE. ENGAGE A PROFESSIONAL GRAPHICS INSTALLER FOR THE COLUMN WRAP INSTALLATION. NOTE THAT TWO PEOPLE ARE REQUIRED TO APPLY MOST GRAPHICS.



130 COLUMN ELEVATION NORTH
1 1/2"=1'-0"



135 COLUMN ELEVATION WEST
1 1/2"=1'-0"

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Scott Ann Connor
STATE OF WASHINGTON

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PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
1919
ISSUE DATE
10-31-2024
CURRENT REVISION
BID SET
DRAWING PLOT DATE

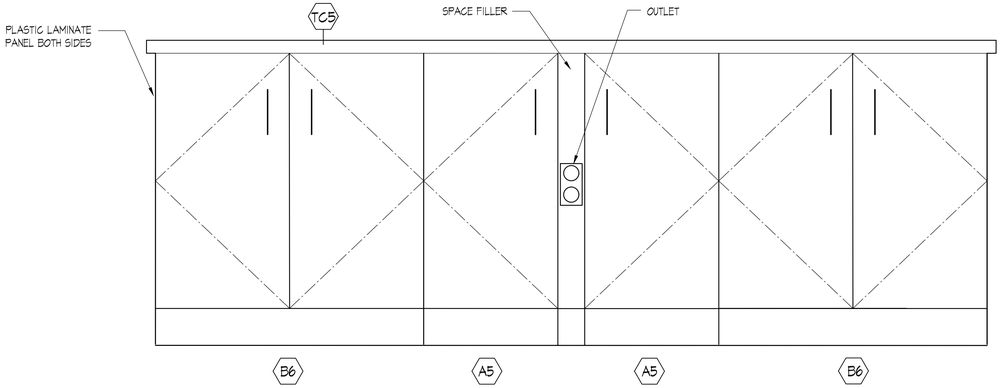
REVISION	DATE
BID SET	10/31/24

DETAILS

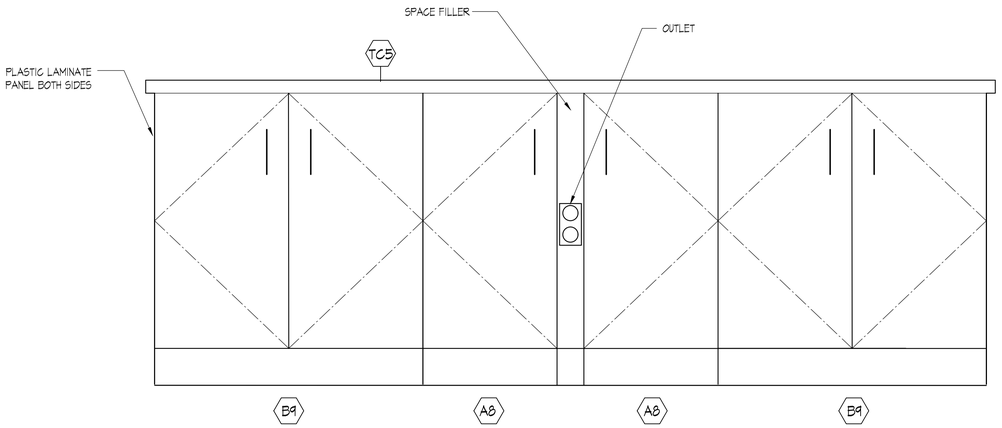
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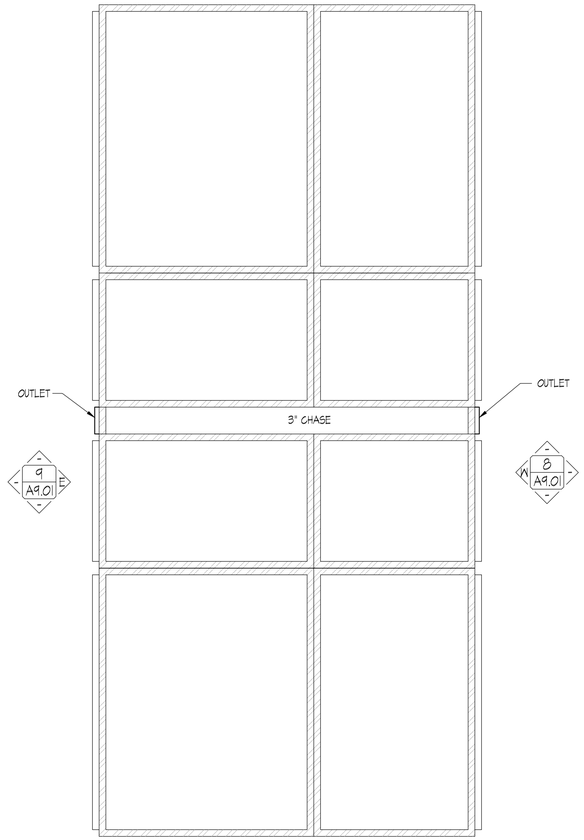
ORIGINAL DOCUMENT SIZE 24" X 36"



9 **WORK ISLAND EAST ELEVATION**
1 1/2" = 1'-0"



8 **WORK ISLAND WEST ELEVATION**
1 1/2" = 1'-0"



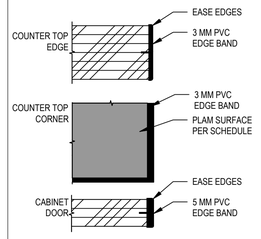
7 **DETAIL PLAN - WORK ISLAND**
1 1/2" = 1'-0"

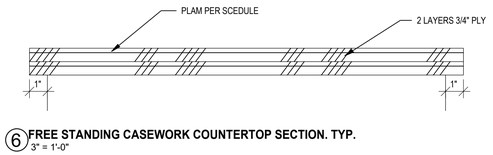
TYPICAL CASEWORK NOTES

1. ALL SHELVES SPANNING LONGER THAN 3'-0" IN ONE DIRECTION SHALL BE CONSTRUCTED OF 5/4" OR 1" SUBSTRATE.
2. ALL SURFACE NORMALL EXPOSED TO VIEW (OTHER THAN THE INSIDES OF DRAWERS AND CLOSED CABINETS) TO BE FACED WITH PLASTIC LAMINATE. TYPICAL OR UNLESS OTHER WISE NOTED.

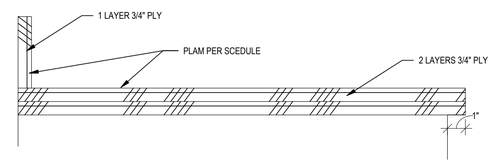
TYPICAL CASEWORK DETAILS

P-LAM DETAILS

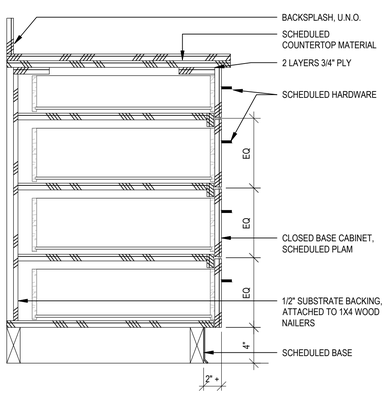




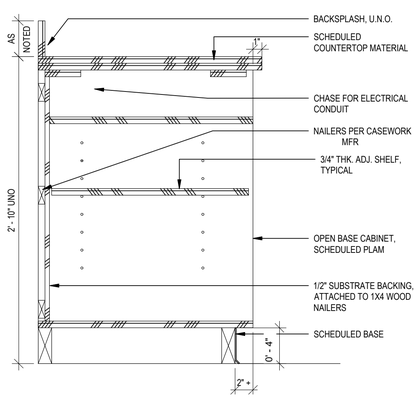
6 **FREE STANDING CASEWORK COUNTERTOP SECTION. TYP.**
3" = 1'-0"



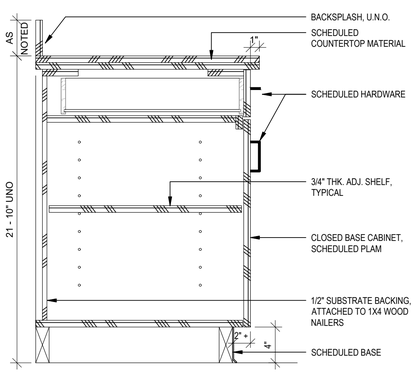
5 **COUNTERTOP SECTION AT WALL. TYP.**
3" = 1'-0"



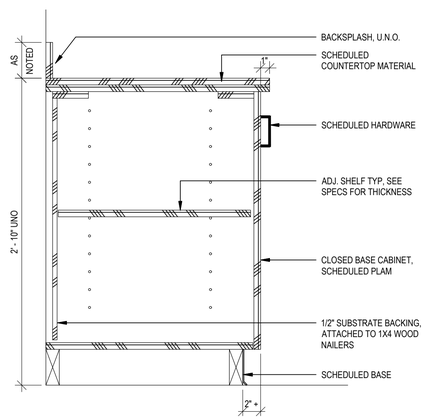
4 **CLOSED BASE CABINET W/ DRAWERS**
1 1/2" = 1'-0"



3 **OPEN BASE CABINET**
1 1/2" = 1'-0"



2 **CLOSED BASE CABINET W/ DRAWER AND DOOR(S)**
1 1/2" = 1'-0"



1 **CLOSED BASE CABINET W/ DOOR(S)**
1 1/2" = 1'-0"

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PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL

PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
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CASEWORK SECTIONS

SCALES AS NOTED

A9.01

TWO RIVERS SCHOOL

330 BALLARAT AVE N, NORTH BEND, WA 98045

SHEET INDEX	
Sheet Number	**Sheet Name**
S0.00	COVER SHEET
S1.00	GENERAL STRUCTURAL NOTES
S1.01	GENERAL STRUCTURAL NOTES
S1.02	GENERAL STRUCTURAL NOTES
S1.03	PLAN NOTES AND LEGENDS
S2.00	FOUNDATION PLAN
S2.01	ROOF FRAMING PLAN
S3.00	TYPICAL CONCRETE DETAILS
S3.01	CONCRETE DETAILS
S6.00	TYPICAL WOOD DETAILS
S6.06	WOOD SHEAR WALL DETAILS
S6.07	STRAP AND HOLDOWN DETAILS
S6.08	WOOD ROOF DETAILS
S6.09	WOOD ROOF DETAILS

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KEY PLAN

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COVER SHEET

SHEET NUMBER
S0.00

GENERAL NOTES

1. THE PROJECT SPECIFICATIONS FORM A PART OF THESE GENERAL NOTES. THESE NOTES SHALL APPLY TO ALL DRAWINGS AND GOVERN UNLESS OTHERWISE NOTED OR SPECIFIED. WHERE NOTES AND DETAILS ON DRAWINGS AND THESE NOTES AND TYPICAL DETAILS ARE IN CONFLICT WITH THE PROJECT SPECIFICATIONS, THE MOST STRINGENT SHALL APPLY.

2. ALL MATERIALS, DESIGN, WORKMANSHIP, AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, SPECIFICATIONS, AND THE INTERNATIONAL EXISTING BUILDING CODE (IEBC) WITH WASHINGTON STATE CODE AMENDMENTS, 2018 EDITION. THE PROJECT HAS BEEN CONSIDERED A "MINOR ALTERATION" FOR THE PURPOSES OF DESIGN. A SEISMIC RETROFIT OF THE EXISTING BUILDING WAS NOT CONSIDERED AS PART OF THE PROJECT SCOPE.

3. ALL TYPICAL DETAILS AND NOTES SHOWN ON DRAWINGS SHALL APPLY, UNLESS OTHERWISE NOTED. TYPICAL DETAILS MAY NOT BE NECESSARILY BE INDICATED ON THE PLANS BUT SHALL STILL APPLY AS SHOWN OR DESCRIBED IN THE DETAILS. WHERE NO DETAIL IS NOTED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CHOOSE THE APPROPRIATE TYPICAL DETAIL FROM THOSE PROVIDED. ANY ALTERNATE DETAILS PROPOSED BY THE CONTRACTOR SHALL BE PROVIDED WITH CALCULATIONS TO THE ENGINEER FOR APPROVAL PRIOR TO SHOP DRAWING PRODUCTION AND FIELD USE.

4. DETAILS OF CONSTRUCTION NOT FULLY SHOWN SHALL BE OF THE SAME NATURE AS SHOWN FOR OTHER SIMILAR CONDITIONS.

5. COMPARISON OF STRUCTURAL DRAWINGS WITH ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS WITH REFERENCE TO MATERIALS, LAYOUT, DIMENSIONS, AND ELEVATIONS SHALL BE MADE BY THE GENERAL CONTRACTOR BEFORE STARTING WORK. ANY DISCREPANCIES SHALL BE PROVIDED TO THE ARCHITECT AND ENGINEER FOR REVISED DIRECTION.

6. ONLY WRITTEN DIMENSIONS SHALL BE USED. DO NOT SCALE STRUCTURAL DRAWINGS. IF DIMENSIONS ARE OMITTED OR ARE NOT CLEAR, CONTACT THE ARCHITECT AND ENGINEER FOR CLARIFICATION.

7. EXISTING SITE CONDITIONS SHOWN ON THE DRAWINGS REPRESENTS THE PRESENT KNOWLEDGE BUT WITHOUT GUARANTEE OF ACCURACY. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. ANY CONFLICTS OR DISCREPANCIES BETWEEN THE DRAWINGS AND SITE CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CORRECTION. DO NOT DEVIATE FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN DIRECTION FROM THE STRUCTURAL ENGINEER OF RECORD.

8. SAFETY MEASURES ON THE JOBSITE ARE THE SOLE AND COMPLETE RESPONSIBILITY OF THE CONTRACTOR DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. RESPONSIBILITIES EXTEND TO SAFETY OF ALL PERSONS AND PROPERTY, AND FOR ALL NECESSARY INDEPENDENT ENGINEERING REVIEW OF THESE CONDITIONS. REQUIREMENTS SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS.

9. CONTRACTOR IS RESPONSIBLE FOR INSTALLING TEMPORARY BRACING, BOTH FOR VERTICAL LOADS AND LATERAL STABILITY, FOR THE STRUCTURE AND ALL COMPONENTS UNTIL FINAL CONNECTIONS AND CONDITIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE DRAWINGS.

10. ALL STRUCTURAL SYSTEMS COMPOSED OF FIELD ERECTED COMPONENTS SHALL BE SUPERVISED BY THE SUPPLIER DURING MANUFACTURING, DELIVERY, HANDLING, STORAGE, AND ERECTION IN ACCORDANCE WITH INSTRUCTIONS PROVIDED BY THE SUPPLIER.

11. SEISMIC BRACING, ANCHORAGE, AND GRAVITY SUPPORT FOR ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE DESIGNED AND DETAILED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF WASHINGTON EXCEPT FOR ELEMENTS EXPLICITLY SHOWN AND DETAILED IN THE STRUCTURAL DRAWINGS. THE MECHANICAL AND ELECTRICAL CONTRACTORS ARE RESPONSIBLE FOR PROCURING ENGINEERING FOR THE NECESSARY SUPPORTS, BRACING, AND ANCHORAGE OF THESE COMPONENTS AND ARE LIABLE FOR ALL RELATED COSTS. SEISMIC BRACING AND ANCHORAGE DESIGN AND CONSTRUCTION SHALL COMPLY WITH CHAPTER 13 OF ASCE 7-16.

12. CONTRACT DOCUMENTS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE MEANS, METHODS, AND SEQUENCING OF CONSTRUCTION AS REQUIRED. SITE VISITS PERFORMED BY THE OWNER'S REPRESENTATIVE DO NOT INCLUDE INSPECTIONS OF MEANS AND METHODS OF CONSTRUCTION PERFORMED BY THE CONTRACTOR.

DESIGN CRITERIA

13. DEAD LOADS: CONSIST OF BUILDING SELF-WEIGHT PLUS SUPERIMPOSED DEAD LOADS. REFER TO COMPLETE SET OF DRAWINGS WHEN DETERMINING DEAD LOADS.

SNOW LOADS: 33 PSF

LIVE LOADS: REDUCIBLE UNLESS OTHERWISE NOTED.

AREA	DESIGN LIVE LOAD
CLASSROOMS	40 PSF

WOOD SEISMIC DESIGN LOADS:

S_S	= 1.28g
S_1	= 0.36g
S_{DS}	= 0.97g
S_{D1}	= 0.56g
SITE CLASS	= D
RISK CATEGORY	= III
SEISMIC IMPORTANCE FACTOR, I_E	= 1.25
SEISMIC DESIGN CATEGORY	= D

WOOD:

LATERAL FORCE RESISTING SYSTEM	= WOOD SHEATHED WALLS RATED FOR SHEAR
RESPONSE MODIFICATION FACTOR, R	= 6.5
DISPLACEMENT AMPLIFICATION FACTOR, C_D	= 4.0
OVERSTRENGTH FACTOR, Ω_0	= 3.0
SEISMIC ANALYSIS PROCEDURE USED	= EQUIVALENT LATERAL FORCE
SEISMIC RESPONSE COEFFICIENT, C_S	= 0.14

WIND DESIGN LOADS:

BASIC WIND SPEED (3 SEC. GUST)	= 105 MPH
RISK CATEGORY	= III
EXPOSURE TYPE	= B
INTERNAL PRESSURE COEFFICIENT	= ± 0.55
TOPOGRAPHIC FACTOR, K_{ZT}	= 1.0
COMPONENTS AND CLADDING DESIGN PRESSURES:	
MAXIMUM AT WALLS	= 32/19 PSF (LRFD/ASD)
GROSS UPLIFT AT ROOF	= 62/37 PSF (LRFD/ASD)

WIND PRESSURES ARE BASED ON LESS THAN TEN SQUARE FOOT TRIBUTARY AREAS NEAR WALL CORNERS OR ROOF EDGES. REDUCED DESIGN PRESSURES MAY BE CALCULATED USING THE PROVISIONS OF ASCE 7-16, CHAPTER 30.

DEFERRED SUBMITTALS

14. CONTRACTOR SHALL PREPARE PLANS, DETAILS, AND CALCULATIONS FOR ALL "DESIGN-BUILD" AND/OR ALL "DEFERRED SUBMITTAL" ITEMS TO THE BUILDING DEPARTMENT, ARCHITECT, AND STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FABRICATION. SHOP DRAWINGS AND CALCULATIONS NECESSARY FOR APPROVAL SHALL BOTH BE DESIGNED AND PREPARED BY A PROFESSIONAL ENGINEER LICENSED IN WASHINGTON STATE. THE FOLLOWING BUILDING COMPONENTS SHALL BE DEFERRED SUBMITTALS FOR THIS PROJECT:

PREFABRICATED CONNECTOR PLATE WOOD ROOF TRUSSES (SEE NOTE 57)

STRUCTURAL SPECIAL INSPECTIONS

15. SPECIAL INSPECTIONS AND TESTING SHALL BE PERFORMED BY AN INDEPENDENT TESTING AGENCY RETAINED BY THE OWNER TO PERFORM THE TESTS AND INSPECTIONS AS REQUIRED BY IBC CHAPTER 17 WITH REPORTS PER IBC SECTION 1704.2.4. REPORTS SHALL BE SUBMITTED TO THE OWNER, ARCHITECT, STRUCTURAL ENGINEER, CONTRACTOR, AND BUILDING OFFICIAL FOR EACH DAY SPECIAL INSPECTIONS OR TESTING ARE PERFORMED. THESE INSPECTIONS ARE IN ADDITION TO THE INSPECTIONS SPECIFIED IN IBC SECTION 110. SEE TABLE BELOW FOR ADDITIONAL INFORMATION:

STRUCTURAL ITEMS	SPECIAL INSPECTION FREQUENCY	IBC REFERENCE
CONCRETE CONSTRUCTION		
REINFORCEMENT	PERIODIC AND PRIOR TO CONCRETE POURS	TABLE 1705.3, ITEM 1
ANCHOR BOLT PLACEMENT	PERIODIC AND PRIOR TO CONCRETE POURS	TABLE 1705.3, ITEM 3
CONCRETE PLACEMENT (EXCEPTIONS 1-5 OF 1705.3 DO NOT APPLY)	CONTINUOUS	TABLE 1705.3, ITEM 5, 6, 7
CURING PROCEDURE	PERIODIC	TABLE 1705.3, ITEM 8, 11
FORMWORK	PERIODIC	TABLE 1705.3, ITEM 12

WOOD CONSTRUCTION		
FIELD GLUING	CONTINUOUS ELEMENTS OF THE SEISMIC AND WIND FORCE RESISTING SYSTEM	1705.11.1 1705.12.2
FASTENERS, BOLTS, STRAPS, HOLDOWNS, ETC.	PERIODIC FOR CONNECTIONS OF ALL MEMBERS OF THE SEISMIC AND WIND FORCE RESISTING SYSTEM INCLUDING DIAPHRAGMS, SHEATHING, SHEAR WALLS, STRUTS, AND HOLDOWNS	1705.11.1 1705.12.2
PREFABRICATED CONNECTOR PLATE WOOD TRUSSES	REVIEW OF TEMPORARY AND PERMANENT BRACING FOR SPANS > 60 FEET, TRUSSES WITH OVERALL HEIGHTS OF 60" OR GREATER	1705.5.2
ANCHORS CAST IN CONCRETE	PERIODIC	TABLE 1705.3, ITEM 3
MECHANICAL ANCHORS	PERIODIC, INCLUDING REQUIRED TORQUE TESTS PER APPROVED ICC-ES REPORTS	TABLE 1705.3, ITEM 4
EPOXY GROUTED REBAR	PERIODIC, INCLUDING INSPECTION OF EMBEDMENT DEPTH AND HOLE CLEANLINESS PRIOR TO ALL INSTALLATIONS CONTINUOUS FOR HORIZONTAL OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS	TABLE 1705.3, ITEM 4 ACI 318-14, SECTION 17.8

GEOTECHNICAL REQUIREMENTS		
SOIL COMPACTION	CONTINUOUS	1705.6

SPECIAL INSPECTIONS

16. SEISMIC DESIGN REQUIREMENTS FOR NONSTRUCTURAL COMPONENTS, THEIR SUPPORTS AND ATTACHMENTS, SHALL SATISFY THE REQUIREMENTS OF ASCE 7-16, CHAPTER 13 AS SUMMARIZED BELOW:

DESCRIPTION	SEISMIC DESIGN REQUIREMENTS	SPECIAL INSPECTIONS
EXTERIOR WALLS, CLADDING, & CONNECTIONS	ASCE 7-16, SECTION 13.5.3	REQUIRED FOR WALL FRAMING, AND FOR CONNECTIONS OF VENEER, OR CLADDING WEIGHING MORE THAN 5 PSF (IBC 1705.12.5)

10/17/2024 12:50:41 PM

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SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO. 1919
ISSUE DATE 2/20/23
CURRENT REVISION BID SET
DRAWING PLOT DATE 10/17/2024

DATE	REVISION

KEY PLAN

SHEET NAME
GENERAL STRUCTURAL NOTES

SHEET NUMBER
S1.00

FOUNDATIONS AND SITE WORK

19. DESIGN OF THE FOUNDATION SYSTEM IS BASED UPON TAN ASSUMED ALLOWABLE BEARING PRESSURE OF 1,500 PSF.

20. FOOTINGS SHALL BEAR ON FIRM, COMPACTED SOILS IN ACCORDANCE WITH THE SOILS REPORT RECOMMENDATIONS. FOOTING DESIGN BASED ON AN ALLOWABLE SOIL PRESSURE OF 2,500 PSF WITH A 1/3 ALLOWABLE INCREASE FOR SEISMIC LOADS. LATERAL EARTH PRESSURES FOR THIS PROJECT ARE 55 PCF/ 35 PCF FOR BOTH RESTRAINED AND UNRESTRAINED WALLS, RESPECTIVELY. BOTTOM OF FOOTINGS SHALL BE A MINIMUM OF 18" BELOW LOWEST ADJACENT FINISHED FLOOR. FOOTINGS SHALL BE PLACED AND ESTIMATED ACCORDING TO DEPTHS SHOWN ON DRAWINGS. SHOULD SOIL ENCOUNTERED AT THESE DEPTHS NOT BE APPROVED BY THE FOUNDATION ENGINEER, FOOTING ELEVATIONS SHALL BE ALTERED AS REQUIRED WITH THE APPROVAL OF THE ENGINEER OF RECORD.

21. THE PROJECT SOILS REPORT AND ITS RECOMMENDATIONS SHALL BE FOLLOWED AND ARE CONSIDERED MINIMUM REQUIREMENTS UNLESS MORE STRINGENT REQUIREMENTS ARE PRESENTED IN THE CONSTRUCTION DOCUMENTS.

22. CONTRACTOR IS SOLELY RESPONSIBLE FOR EXCAVATION PROCEDURES INCLUDING LAGGING, TEMPORARY SHORING, AND UNDERPINNING AND PROTECTION OF EXISTING CONSTRUCTION.

23. CONTRACTOR SHALL PROVIDE DEWATERING OF EXCAVATIONS FROM SURFACE WATER, GROUND WATER, OR SEEPAGE. REMOVE LOOSE SOIL AND STANDING WATER FROM FOUNDATION EXCAVATIONS PRIOR TO PLACING CONCRETE.

24. EXCAVATIONS SHALL BE PROPERLY BACKFILLED. DO NOT PLACE BACKFILL BEHIND RETAINING WALLS BEFORE WALLS HAVE ATTAINED FULL DESIGN STRENGTH. CONTRACTOR SHALL BRACE OR PROTECT ALL BUILDINGS BELOW GRADE FROM LATERAL LOADS UNTIL ATTACHING FLOORS ARE COMPLETE, IN-PLACE, AND ATTAINED FULL DESIGN STRENGTH. CONTRACTOR SHALL PROCEDURE DESIGNS, AND PERMITS FOR INSTALLATION OF SUCH BRACING.

ANCHORAGE

25. EXPANSION ANCHORS INTO CONCRETE SHALL MEET THE REQUIREMENTS LISTED BELOW, AND SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE SPECIFIED ICC-ES REPORTS AND MANUFACTURER'S INSTRUCTIONS. SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED FOR REVIEW WITH ACCOMPANYING ICC-ES REPORTS THAT INDICATE EQUIVALENT OR GREATER LOAD CAPACITIES. ALL SUBSTITUTIONS SHALL MEET ICC-ES ACCEPTANCE CRITERIA AC193. SPECIAL INSPECTION IS REQUIRED FOR ALL EXPANSION BOLT INSTALLATION. DO NOT SUBSTITUTE EXPANSION BOLTS FOR EMBEDDED ANCHORS WITHOUT EXPLICIT APPROVAL BY THE STRUCTURAL ENGINEER. DO NOT REDUCE THE SPECIFIED EMBEDMENT DEPTHS WITHOUT PRIOR APPROVAL.

MINIMUM EMBEDMENT DEPTHS FOR EXPANSION ANCHORS ARE AS FOLLOWS, UNLESS OTHERWISE NOTED:

POWER-STUD+ (ICC-ESR #2502) BY DEWALT/ POWERS	
3/8"ø	2-3/8"
1/2"ø	3-3/4"
5/8"ø	4-7/8"
3/4"ø	5-3/4"
STRONG-BOLT 2 (ICC-ESR #3037) BY SIMPSON STRONG-TIE	
3/8"ø	2-7/8"
1/2"ø	3-7/4"
5/8"ø	5-1/8"
3/4"ø	5-3/4"
KWIK BOLT TZ (ICC-ESR #1917) BY HILTI	
3/8"ø	2-3/8"
1/2"ø	3-5/8"
5/8"ø	4-1/2"
3/4"ø	5-3/8"

26. DRIVE PINS AND OTHER POWDER-ACTUATED FASTENERS SHALL BE ONE OF THE FOLLOWING INSTALLED IN STRICT ACCORDANCE WITH THE ICC-ES REPORTS INDICATED AND MANUFACTURER'S INSTRUCTIONS INCLUDING MINIMUM EMBED REQUIREMENTS: "TE SERIES" (0.157" DIAMETER) AS MANUFACTURED BY ITW RAMSET (ICC-ESR #1799); OR "X-U" (0.157" DIAMETER) AS MANUFACTURED BY HILTI, INC. (ICC-ESR #2269); OR "STRONG-TIE PDPA" (0.157" DIAMETER) AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, INC. (ICC-ESR #2138); OR "CSI PIN" (0.157" DIAMETER) AS MANUFACTURED BY DEWALT/POWERS (ICC-ESR #2024); OR AN APPROVED EQUIVALENT IN STRENGTH AND EMBEDMENT. MINIMUM EMBEDMENT IN CONCRETE SHALL BE 1" UNLESS OTHERWISE NOTED. MAINTAIN AT LEAST 3-1/2" TO NEAREST CONCRETE EDGE AND 6" BETWEEN FASTENERS UNLESS APPROVED BY THE STRUCTURAL ENGINEER.

27. CONCRETE SCREW ANCHORS SHALL BE ONE OF THE FOLLOWING INSTALLED IN STRICT ACCORDANCE WITH THE ICC-ES REPORTS INDICATED AND MANUFACTURER'S INSTRUCTIONS INCLUDING MINIMUM EMBED REQUIREMENTS: "TITEN HD" AS MANUFACTURED BY SIMPSON STRONG-TIE (ICC-ESR #2713); OR "KWIK HUS-EZ" AS MANUFACTURED BY HILTI, INC. (ICC-ESR #3027); OR "SCREW-BOLT+" AS MANUFACTURED BY DEWALT/POWERS (ICC-ESR #3889). SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED FOR REVIEW WITH ICC-ES REPORTS INDICATING EQUIVALENT OR GREATER LOAD CAPACITIES. IN ADDITION, SUBSTITUTIONS SHALL MEET ICC-ES ACCEPTANCE CRITERIA AC193. SPECIAL INSPECTION IS REQUIRED FOR ALL CONCRETE SCREW ANCHOR INSTALLATION. CONCRETE SCREW ANCHORS SHALL NOT BE USED AS SUBSTITUTES FOR EMBEDDED ANCHOR BOLTS OR EXPANSION BOLTS UNLESS SPECIFICALLY APPROVED BY THE STRUCTURAL ENGINEER. NOTIFY ENGINEER IF SCREW ANCHOR LOCATIONS CONFLICT WITH REINFORCING STEEL - DO NOT CUT REINFORCING OR REDUCE EMBEDMENT DEPTHS WITHOUT PRIOR APPROVAL.

28. EPOXY-GROUTED RODS OR REBAR TO CONCRETE SPECIFIED ON THE DRAWINGS SHALL BE ONE OF THE FOLLOWING INSTALLED IN STRICT ACCORDANCE WITH THE ICC-ES REPORTS INDICATED AND MANUFACTURER'S INSTRUCTIONS INCLUDING MINIMUM EMBEDMENT REQUIREMENTS: "SET-XP" BY SIMPSON STRONG-TIE, (ICC-ESR #2508); OR "HIT-HY 200" BY HILTI, INC. (ICC-ESR #3187), "SAFE-SET" INSTALLATION WITH HOLLOW CARBIDE DRILL BIT IS PERMITTED; OR "PURE110+" AS MANUFACTURED BY DEWALT/POWERS (ICC-ESR #3298). SUBSTITUTIONS PROPOSED BY CONTRACTOR SHALL BE SUBMITTED FOR REVIEW WITH ICC-ES REPORTS INDICATING EQUIVALENT OR GREATER LOAD CAPACITIES. IN ADDITION, SUBSTITUTIONS SHALL MEET ICC-ES ACCEPTANCE CRITERIA AC308. SPECIAL INSPECTION OF EPOXY-GROUTED ANCHOR INSTALLATION IS REQUIRED. EPOXY GROUTED RODS OR REBAR SHALL NOT BE USED AS SUBSTITUTES FOR CAST-IN-PLACE ANCHOR BOLTS OR REINFORCING STEEL UNLESS SPECIFICALLY APPROVED BY THE STRUCTURAL ENGINEER. NOTIFY ENGINEER IF ANCHOR LOCATIONS CONFLICT WITH REINFORCING STEEL - DO NOT CUT REINFORCING OR REDUCE EMBEDMENT DEPTHS WITHOUT PRIOR APPROVAL. INSTALLATION OF ADHESIVE ANCHORS HORIZONTALLY OR UPWARDLY INCLINED TO SUPPORT SUSTAINED TENSION LOADS SHALL BE PERFORMED BY CERTIFIED PERSONNEL IN CONFORMANCE TO ACI 318-14 SECTION 17.8.2.2. HOLES SHALL BE HAMMER DRILLED AND DRY.

UNLESS OTHERWISE NOTED, PROVIDE THE FOLLOWING EMBEDMENT DEPTHS FOR ANCHORS AT CONCRETE:

1/2"Ø ROD OR #4 BAR . . . . . 6"
5/8"Ø ROD OR #5 BAR . . . . . 8"
3/4"Ø ROD OR #6 BAR . . . . . 10"
7/8"Ø ROD OR #7 BAR . . . . . 13"
1"Ø ROD OR #8 BAR . . . . . 15"

CONCRETE CONSTRUCTION

29. CONCRETE SHALL BE MIXED, PROPORTIONED, CONVEYED, AND PLACED IN ACCORDANCE WITH ACI 318-14 CHAPTER 26, AND ACI 301. NO MORE THAN ONE GRADE OF CONCRETE SHALL BE ON THE JOB SITE AT ANY ONE TIME.

30. CONCRETE STRENGTHS AT 28 DAYS AND MIX CRITERIA SHALL BE AS FOLLOWS UNLESS A MORE STRINGENT REQUIREMENT IS SPECIFIED ELSEWHERE IN THE CONTRACT DOCUMENTS:

CONSTRUCTION TYPE	28 DAY STRENGTH (f'c)	EXPOSURE CLASSES (ACI 318-14, TABLES 19.3.1.1 AND 19.3.2.1)
FOUNDATIONS, RETAINING WALLS, AND BASEMENT WALLS	4,000 PSI	F0, S0, W0, C1
CONCRETE EXPOSED TO WEATHER	4,500 PSI	F1, S0, W0, C1

31. INTERIOR SLABS SHALL HAVE A MAXIMUM WATER TO CEMENT RATIO BETWEEN 0.40 AND 0.44. SEE SPECIFICATIONS FOR SHRINKAGE REDUCING ADMIXTURE REQUIREMENTS WHERE INDICATED ON DRAWINGS.

32. CONTRACTOR MAINTAINS FULL RESPONSIBILITY FOR THE SPECIFIED PERFORMANCE OF THEIR CONCRETE MIX DESIGNS, AS WELL AS FOR THE FINAL APPEARANCE OF ALL CONCRETE CONSTRUCTION.

33. CONCRETE MAY BE PLACED BY THE "SHOTCRETE" METHOD WHERE APPROVED BY THE STRUCTURAL ENGINEER, CONTRACTOR SHALL OBTAIN ALL APPROVALS, TESTS, AND INSPECTIONS REQUIRED BY THE LOCAL BUILDING DEPARTMENT. ALL SHOTCRETE WORMANSHIP, MATERIALS, PROPORTIONS, AND PLACEMENT SHALL BE IN ACCORDANCE WITH ACI 506.2 AND IBC SECTION 1908. EXPOSED WALLS SHALL MEET THE FINISH REQUIREMENTS SET FORTH BY THE ARCHITECT.

34. REINFORCING STEEL AND ALL DETAILING SHALL BE IN ACCORDANCE WITH ACI 315R-18 AND ACI 318-14. REINFORCING SHALL CONFORM TO ASTM A615, GRADE 60. DO NOT WELD ASTM A615 REINFORCEMENT UNLESS MATERIAL PROPERTY REPORTS DEMONSTRATE CONFORMANCE WITH WELDING PROCEDURES SPECIFIED IN A.W.S. D1.4. LAP ALL CONTINUOUS REINFORCEMENT IN ACCORDANCE WITH THE SCHEDULE OF 18/S3.00. INSTALL CORNER BARS AT ALL WALL AND FOOTING INTERSECTIONS PER 3/S3.00. LAP ADJACENT MATS OF WELDED WIRE FABRIC A MINIMUM OF 12" AT SIDES ENDS. DO NOT FIELD BEND PARTIALLY EMBEDDED BARS IN HARDENED CONCRETE UNLESS APPROVED BY THE STRUCTURAL ENGINEER.

35. CONCRETE COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED:

DESCRIPTION	CONCRETE COVER
FOOTINGS OR UNFORMED SURFACES CAST PERMANENTLY EXPOSED TO EARTH	3"
FORMED SURFACES PERMANENTLY EXPOSED TO EARTH	2"
SLABS-ON-GRADE BOTTOM REINFORCING	1-1/2"
SLABS AND WALLS (INTERIOR FACE)	3/4"

36. CONCRETE FINISH REQUIREMENTS INCLUDING GROOVES, NOTCHES, CHAMFERS, AND ALL OTHER FINISH DETAILS SHALL BE PER THE ARCHITECTURAL DRAWINGS. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND DIMENSIONS OF DOOR AND WALL OPENINGS IN CONCRETE WALLS. CONTRACTOR SHALL COORDINATE WITH MECHANICAL DRAWINGS FOR LOCATIONS OF ALL MISCELLANEOUS MECHANICAL OPENINGS THROUGH CONCRETE WALLS AND SLABS.

37. BONDING AGENT SHALL BE "MASTEREMACO ADH 326" BY BASF CORPORATION, OR APPROVED EQUAL, AND SHALL BE USED WHERE NEW CONCRETE IS PLACED AGAINST HARDENED CONCRETE (OLDER THAN 56 DAYS). INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. EXISTING SURFACES SHALL BE CLEAN AND FREE OF DEBRIS, AND FREE OF EXCESSIVE MOISTURE.

38. NON-SHRINK GROUT SHALL BE FROM AN APPROVED MANUFACTURER AND SHALL BE PLACED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. STRENGTH SHALL BE EQUAL OR GREATER THAN THE MATERIAL ON WHICH IT IS PLACED, WITH A MINIMUM COMPRESSIVE STRENGTH AT OF 6,000 PSI AT 28 DAYS.

STEEL CONSTRUCTION

39. ALL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF AISC SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS, AND THE LATEST EDITION OF AISC SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS.

40. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE SCOPE OF WORK FOR BOTH STRUCTURAL STEEL AND METAL WORK SUBCONTRACTORS. THE COMBINED SCOPE OF WORK FOR ALL SUBCONTRACTORS SHALL INCLUDE ALL STRUCTURAL STEEL AND MISCELLANOUS METAL WORK SHOWN IN THE CONTRACT DOCUMENTS.

41. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS BELOW UNLESS OTHERWISE NOTED:

DESCRIPTION	ASTM DESIGNATION
HSS SHAPES (SQUARE OR RECTANGULAR)	A500, GRADE B (Fy=46 KSI)
ANCHOR BOLTS OR RODS	F1554, GRADE 36 (Fy=36 KSI)
CONNECTION BOLTS	A325-N
EPOXY-GROUTED THREADED RODS	A36 OR F1554 (Fy=36 KSI)

42. DIMENSIONAL TOLERANCE FOR STRUCTURAL MEMBERS SHALL BE PER THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, SECTION 6.4 AND ASTM SPECIFICATION A6. UNLESS SPECIFICALLY ALLOWED BY THE ENGINEER, COLUMNS SHALL NOT BE MODIFIED BY THE ROTARY STRAIGHTENING PROCESS.

43. THREADED STUDS (CPL'S OR CFL'S) FOR CONNECTION OF STRUCTURAL STEEL TO OTHER ELEMENTS SHALL BE MANUFACTURED FROM MATERIAL CONFORMING TO ASTM A29 GR. 1010 THROUGH 1020 (TYPE 2, Fu = 60 KSI MIN.). HEADED STUDS SHALL BE WELDED IN CONFORMANCE WITH THE REQUIREMENTS OF A.W.S D1.1 CHAPTER 7. UNLESS OTHERWISE NOTED, STUDS SHALL BE WELDED BY THE AUTOMATIC MACHINE WELDING PROCESS IN CONFORMANCE WITH A.W.S. REQUIREMENTS. STUD TYPES SHALL BE MANUFACTURED BY NELSON STUD WELDING, INC. OR EQUIVALENT. HEADED STUDS SHALL BE TYPE S3L SHEAR CONNECTORS, THREADED STUDS SHALL BE TYPE CPL PARTIALLY THREADED STUDS OR TYPE CFL FULLY THREADED STUDS.

44. DEFORMED BAR ANCHORS SHALL BE NELSON D2L (ICC ESR #2907) GRANULAR FLUX-FILLED REBAR STUDS, AND SHALL BE MADE OF LOW CARBON COLD ROLLED STEEL CONFORMING TO ASTM A496.

45. HOT DIP GALVANIZING SHALL MEET THE REQUIREMENTS OF ASTM A123 AND ASTM A153 WHERE STRUCTURAL STEEL, MISCELLANEOUS METAL, AND FASTENERS EXPOSED TO THE WEATHER OR SOIL. REPAIR GALVANIZING AFTER WELDING IN ACCORDANCE WITH ASTM A780.

46. STRUCTURAL STEEL FABRICATOR SHALL FURNISH SHOP DRAWINGS FOR REVIEW BY THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO FABRICATION.

47. ALL STEEL SHALL BE CLEANED FREE OF RUST, LOOSE MILL SCALE, AND OIL AFTER FABRICATION.

48. BOLT HOLES IN STEEL SHALL BE STANDARD HOLES, 1/16 INCH LARGER IN DIAMETER THAN NOMINAL SIZE OF BOLT USED, UNLESS OTHERWISE NOTED. BOLT HOLES IN BASE PLATES MAY BE OVERSIZED PER AISC TABLE 14-2 IF WASHERS ARE PROVIDED IN ACCORDANCE WITH THIS TABLE.

49. BOLTS SHALL BE SPACED AT 3" O.C. UNLESS OTHERWISE NOTED. THE DISTANCE FROM THE CENTER OF A STANDARD HOLE TO THE EDGE OF A CONNECTING PART SHALL NOT BE LESS THAN 1 ½" U.O.N. THE EDGE DISTANCE MAY BE 1 ¼" AT THE ENDS OF BEAM CONNECTION ANGLES AND SHEAR END PLATES. THE DISTANCE FROM CENTER OF AN OVERSIZED OR SLOTTED HOLE TO THE EDGE OF A CONNECTING PART SHALL NOT BE LESS THAN THAT REQUIRED FOR A STANDARD HOLE TO THE EDGE OF A CONNECTED PART PLUS THE APPLICABLE INCREMENT C_2 FROM AISC TABLE J3.5.

50. WELDING SHALL BE IN CONFORMANCE WITH A.I.S.C. AND A.W.S. STANDARDS AND SHALL BE PERFORMED BY W.A.B.O. CERTIFIED WELDERS USING E70XX ELECTRODES. ONLY PREQUALIFIED WELDS SHALL BE USED AS DEFINED BY A.W.S. DO NOT PAINT OR GALVANIZE AREAS OF PIECES TO BE FIELD WELDED, OR REMOVE PAINT AND GALVINIZING IN FIELD PRIOR TO CLEANING. WELDING OF GRADE 60 REINFORCING BARS SHALL BE PERFORMED USING LOW HYDROGEN ELECTRODES. WELDING WITHIN 4" OF COLD BENDS IN REINFORCING STEEL IS NOT PERMITTED. CONTRACTOR SHALL WORK WITH THE FABRICATOR AND ERECTOR TO COORDINATE FINAL DETERMINATION OF ALL FIELD VERSUS SHOP WELDS SHOWN IN THE DRAWINGS TO ACCOMMODATE THE CONSTRUCTION SEQUENCING.

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APPROVED BY CMP

PROJECT NAME
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SNOQUALMIE VALLEY SCHOOL DISTRICT
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PROJECT NO. 1919
ISSUE DATE 2/20/23
CURRENT REVISION BID SET
DRAWING PLOT DATE 10/17/2024

DATE	REVISION

KEY PLAN

SHEET NAME
GENERAL STRUCTURAL NOTES

SHEET NUMBER
S1.01

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WOOD CONSTRUCTION

57. FRAMING LUMBER SHALL BE KILN DRIED OR MC-19, AND GRADED AND MARKED IN CONFORMANCE WITH W.C.L.I.B. STANDARD GRADING RULES FOR WEST COAST LUMBER NO. 17 OR W.W.P.A. WESTERN LUMBER GRADING RULES. FURNISH TO THE FOLLOWING MINIMUM STANDARDS:

STUDS AND JOISTS: (2x AND 3x MEMBERS)		DOUGLAS FIR NO. 2 MINIMUM BASIC DESIGN STRESS, Fc = 1350 PSI, Fb = 900 PSI, Fv = 180 PSI, E = 1600 KSI
	(4x MEMBERS)	DOUGLAS FIR NO. 1 MINIMUM BASIC DESIGN STRESS, Fc = 1500 PSI, Fb = 1000 PSI, Fv = 180 PSI, E = 1700 KSI
BEAMS AND STRINGERS: (INCLUDING 6x AND LARGER MEMBERS)		DOUGLAS FIR NO. 1 MINIMUM BASIC DESIGN STRESS, Fb = 1350 PSI, Fv = 170 PSI, E = 1600 KSI
POSTS:	(4x MEMBERS)	DOUGLAS FIR NO. 1 MINIMUM BASIC DESIGN STRESS, Fc = 1500 PSI, E = 1700 KSI
	(6x & LARGER MEMBERS)	DOUGLAS FIR NO. 1 MINIMUM BASIC DESIGN STRESS, Fc = 1000 PSI, E = 1600 KSI
PLATES, LEDGERS & MISCELLANEOUS LIGHT FRAMING:		DOUGLAS FIR NO. 3 OR STUD GRADE MINIMUM BASIC DESIGN STRESS, Fb = 525 PSI, E = 1400 KSI Fc = 775 PSI, Ft = 325 PSI NOTE: FINGER JOINTED STUDS MAY BE SUBSTITUTED ONLY IF THEY MEET PRESCRIBED BENDING STRESS & TENSION STRESS CRITERIA.

58. GLUED LAMINATED MEMBERS SHALL BE FABRICATED IN CONFORMANCE WITH ASTM AND A.I.T.C. STANDARDS IN ACCORDANE WITH IBC SECTION 2303.1.3. EACH MEMBER SHALL BEAR AN A.I.T.C. IDENTIFICATION MARK AND SHALL BE ACCOMPANIED BY AN A.I.T.C. CERTIFICATE OF CONFORMANCE. HORIZONTAL MEMBERS AND INCLINED MEMBERS OF LESS THAN 1:1 SLOPE SHALL HAVE A RADIUSED CAMBER OF 5.000 FT. UNLESS OTHERWISE NOTED.

ALL BEAMS:	DOUGLAS FIR COMBINATION 24F-V4 Fb = 2400 PSI, Fv = 240 PSI, E = 1800 KSI

GLUED LAMINATED MEMBERS EXPOSED TO WEATHER OR MOISTURE SHALL BE TREATED WITH A NON-CORROSIVE, APPROVED PRESERVATIVE.

A. ENGINEERED LUMBER: EACH PIECE SHALL BEAR A STAMP OR STAMPS NOTING THE NAME AND PLANT NUMBER OF THE MANUFACTURER, THE GRADE, THE NER OR ICC-ES REPORT NUMBER, AND THE QUALITY CONTROL AGENCY. ALL MEMBERS SHALL BE MANUFACTURED WITH AN APPROVED ADHESIVE.

BEAMS:	LAMINATED STRAND LUMBER (LSL) Fb = 2325 PSI, E = 1550 KSI, Fv = 310 PSI (DEPTH ≥ 9 1/2") Fb = 1700 PSI, E = 1300 KSI, Fv = 425 PSI (DEPTH < 9 1/2") LAMINATED VENEER LUMBER (LVL) Fb = 2600 PSI, E = 2000 KSI, Fv = 285 PSI PARALLEL STRAND LUMBER (PSL) Fb = 2900 PSI, E = 2000 KSI, Fv = 290 PSI
RIM BOARD:	LAMINATED STRAND LUMBER (LSL) Fb = 1700 PSI, E = 1300 KSI, Fv = 400 PSI
STUDS:	LAMINATED STRAND LUMBER (LSL) Fb = 2250 PSI, E = 1500 KSI, Fv = 400 PSI, Fc = 1950 PSI (WIDTH ≥ 7 1/4") Fb = 1700 PSI, E = 1300 KSI, Fv = 400 PSI, Fc = 1400 PSI (WIDTH < 7 1/4")
POSTS:	PARALLEL STRAND LUMBER (PSL) Fb = 2400 PSI, E = 1800 KSI, Fv = 290 PSI, Fc = 2500 PSI

DESIGN SHOWN ON THE DRAWINGS IS BASED ON LUMBER MANUFACTURED BY WEYERHAEUSER IN ACCORDANCE WITH ICC ESR #1387. ALTERNATE ENGINEERED LUMBER MAY BE USED SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND STRUCTURAL ENGINEER. A CURRENT NER OR ICC-ES REPORT AND A LIST STATING THE ITEM-FOR-ITEM SUBSTITUTION MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR ANY PROPOSED SUBSTITUTES.

60. ROOF, FLOOR & WALL SHEATHING SHALL BE APA RATED, EXTERIOR OR EXPOSURE 1 PLYWOOD OR ORIENTED STRAND BOARD (OSB) IN CONFORMANCE WITH IBC SECTION 2303.1.5. SHEATHING SHALL BE MANUFACTURED UNDER THE PROVISIONS OF VOLUNTARY PRODUCT STANDARDS DOC PS-1 OR PS-2. SEE DRAWINGS FOR THICKNESS, SPAN RATING, AND NAILING REQUIREMENTS. UNLESS OTHERWISE NOTED, WALL SHEATHING SHALL BE 1/2" (NOMINAL) WITH SPAN RATING OF 24/0. GLUE FLOOR SHEATHING TO ALL SUPPORTING MEMBERS WITH ADHESIVE CONFORMING TO ASTM SPECIFICATION D3498.

61. ALL PRESSURE-TREATED (P.T.) WOOD MEMBERS SPECIFIED ON THE DRAWINGS THAT OCCUR ABOVE GROUND AND CONTINUOUSLY PROTECTED FROM MOISTURE (INTERIOR LOCATIONS) SHALL BE PRESSURE-TREATED WITH DOT SODIUM BORATE (SBX) WITHOUT $NaSiO_2$. AT LOCATIONS PERMANENTLY EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND, WOOD MEMBERS SHALL BE PRESSURE-TREATED WITH COPPER AZOLE CA-B (HEM-FIR ONLY), OR ALKALINE COPPER QUAT (ACQ-C FOR DOUGLAS-FIR, OR ACQ-D FOR HEM-FIR) PRESERVATIVES UNLESS OTHERWISE NOTED. AMMONIACAL COPPER ZINC ARSENATE (ACZA) PRESERVATIVE, OR OTHER PRESERVATIVES WITH AMMONIA CARRIERS, SHALL NOT BE USED.

SEE GENERAL STRUCTURAL NOTE 62 FOR MATERIAL REQUIREMENTS OF CONNECTORS AND FASTENERS IN CONTACT WITH PRESSURE-TREATED MEMBERS.

INSTALL 2 LAYERS OF ASPHALT-IMPREGNATED BUILDING PAPER BETWEEN UNTREATED LEDGERS, BLOCKING, ETC., AND CONCRETE OR MASONRY.

62. TIMBER CONNECTORS CALLED OUT BY LETTERS AND NUMBERS SHALL BE "STRONG-TIE" BY SIMPSON COMPANY, AS SPECIFIED IN THEIR WOOD CONSTRUCTION CONNECTORS CATALOG NO. C-C-2021. A CURRENT ICC-ES REPORT AND A LIST STATING THE ITEM-FOR-ITEM SUBSTITUTION MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR ANY PROPOSED SUBSTITUTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ENGINEERING COSTS RELATING TO REVIEW AND/OR RE-DESIGN TO ACCOMMODATE PROPOSED SUBSTITUTIONS. INSTALL NUMBER AND SIZE OF FASTENERS AS SPECIFIED BY MANUFACTURER. CONNECTORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. WHERE CONNECTOR STRAPS CONNECT TWO MEMBERS, CENTER STRAP ON JOINT AND INSTALL NUMBER AND SIZE OF FASTENERS AS SPECIFIED BY MANUFACTURER, WITH EQUAL NUMBER AND SIZE OF FASTENERS IN EACH MEMBER. ALL BOLTS IN WOOD MEMBERS SHALL CONFORM TO ASTM A307. INSTALL WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND LAG SCREWS BEARING ON WOOD. ALL SHIMS SHALL BE SEASONED AND DRIED AND THE SAME GRADE (MINIMUM) AS MEMBERS CONNECTED.

ALL TIMBER CONNECTORS IN CONTACT WITH FIRE RETARDANT TREATED WOOD OR PRESSURE-TREATED WOOD THAT USES PRESERVATIVE CHEMICALS OTHER THAN DOT SODIUM BORATE (SBX) WITHOUT $NaSiO_2$ SHALL BE MANUFACTURED FROM ZMAX STEEL BY SIMPSON (G185 STEEL PER ASTM A653), OR TYPE 304 OR 316 STAINLESS STEEL. ALTERNATIVELY, CONNECTORS CAN BE POST HOT DIP GALVANIZED PER ASTM A123 OR MECHANICALLY GALVANIZED PER ASTM B695, CLASS 55 OR GREATER. STAINLESS STEEL FASTENERS SHALL BE USED WITH STAINLESS STEEL CONNECTORS, AND HOT DIP GALVANIZED FASTENERS PER ASTM A153 SHALL BE USED WITH GALVANIZED CONNECTORS.

63. WOOD FRAMING NOTES: THE FOLLOWING APPLY UNLESS OTHERWISE NOTED ON THE DRAWINGS:

A. ALL WOOD FRAMING DETAILS SHALL BE CONSTRUCTED TO THE MINIMUM STANDARDS OF THE IBC. MINIMUM NAILING SHALL CONFORM TO IBC TABLE 2304.10.1 OR CURRENT ICC ESR #NER-272. COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS WITH MECHANICAL AND ARCHITECTURAL DRAWINGS. INSTALL WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND LAG SCREWS BEARING ON WOOD. INSTALLATION OF LAG SCREWS SHALL CONFORM TO 2018 NDS SECTION 12.1.4, AND INSTALLATION OF BOLTS SHALL CONFORM TO 2018 NDS SECTION 12.1.3.

B. WALL FRAMING: TWO STUDS MINIMUM SHALL BE INSTALLED AT THE ENDS OF ALL WALLS, UNLESS OTHERWISE NOTED. INSTALL SOLID BLOCKING FOR WOOD COLUMNS THROUGH FLOOR SPACES TO SUPPORTS BELOW.

ALL STUD WALLS SHALL HAVE THEIR LOWER WOOD PLATES ATTACHED TO WOOD FRAMING BELOW WITH 16d NAILS AT 12"oc STAGGERED OR BOLTED TO CONCRETE WITH 5/8" DIAMETER ANCHOR BOLTS @ 4'-0"oc PER IBC SECTION 2308.3 (EMBED 7"), UNLESS OTHERWISE NOTED. 3" x 3" x 0.229" PLATE WASHERS SHALL BE USED WITH ALL SILL PLATE ANCHOR BOLTS AND INSTALLED PER AF&PA SDPWS-2015 SECTION 4.3.6.4.3. INDIVIDUAL MEMBERS OF BUILT-UP STUD POSTS SHALL BE NAILED TO EACH OTHER WITH 16d @ 12"oc STAGGERED.

C. FLOOR AND ROOF FRAMING: INSTALL DOUBLE JOISTS SEPARATED BY SOLID BLOCKING EQUAL TO DEPTH OF STUDS ABOVE UNDER ALL PARALLEL PARTITIONS THAT EXTEND OVER MORE THAN HALF THE JOIST LENGTH AND AROUND ALL OPENINGS IN FLOORS OR ROOFS. INSTALL SOLID BLOCKING AT ALL BEARING POINTS. TOENAIL JOISTS TO SUPPORTS WITH TWO 16d NAILS. ATTACH TIMBER JOISTS TO FLUSH HEADERS OR BEAMS WITH SIMPSON METAL JOIST HANGERS IN ACCORDANCE WITH NOTES ABOVE. NAIL ALL MULTI-JOIST BEAMS TOGETHER WITH 16d @ 12"oc STAGGERED.

ROOF AND FLOOR SHEATHING SHALL BE LAID UP WITH GRAIN PERPENDICULAR TO SUPPORTS AND NAILED AS SHOWN ON THE DRAWINGS. INSTALL APPROVED PANEL EDGE CLIPS CENTERED BETWEEN JOISTS/TRUSSES AT UNBLOCKED ROOF SHEATHING EDGES. ALL FLOOR SHEATHING EDGES SHALL HAVE APPROVED TONGUE-AND-GROOVE JOINTS OR SHALL BE SUPPORTED WITH SOLID BLOCKING. ALLOW 1/8" SPACING AT ALL PANEL EDGES AND ENDS OF FLOOR AND ROOF SHEATHING. TOENAIL BLOCKING TO SUPPORTS WITH 16d @ 12"oc. AT BLOCKED FLOOR AND ROOF DIAPHRAGMS, INSTALL FLAT 2x BLOCKING AT ALL UNFRAMED PANEL EDGES AND NAIL WITH EDGE NAILING SPECIFIED.

D. WOOD SHRINKAGE: THE PLUMBING, FIRE PROTECTION, DRAINAGE, MECHANICAL, ELECTRICAL, CLADDING, AND OTHER SYSTEMS INSTALLED WITHIN THE BUILDING SHALL BE DESIGNED AND CONSTRUCTED TO ACCOMMODATE VERTICAL SHRINKAGE AT THE WOOD FRAMING LEVELS. THE WOOD SHRINKAGE AMOUNT SHALL BE ASSUMED TO EQUAL 3/8" FOR EACH WOOD FRAMED FLOOR LEVEL. DESIGN IS BASED ON COMMON STEEL WIRE NAILS MEETING THE REQUIREMENTS OF ASTM F1667. USE OF ALTERNATE FASTENERS MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER PRIOR TO THE START OF CONSTRUCTION.

NAILING: MINIMUM NAIL DIAMETER AND LENGTH SHALL BE AS FOLLOWS:

	NAIL SIZE ON DRAWINGS	DIAMETER AND LENGTH
SHEATHING NAILS	8d	0.131" x 2 1/4"
	10d	0.148" x 2 1/2"
FRAMING NAILS	10d	0.148" x 3"
	16d	0.148" x 3 1/2"

64. PREFABRICATED ROOF AND WALL PANELS SHALL BE DESIGNED BY THE MANUFACTURER FOR THE SPANS AND CONDITIONS SHOWN ON THE DRAWINGS AND SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THESE PRODUCTS SHALL BE MANUFACTURED TO THE STANDARDS SET FORTH IN THE ICC-ES REPORT NO. PFC-4246. ALL NECESSARY CONNECTIONS, BLOCKING, HEADERS, ETC., SHALL BE DETAILED AND FURNISHED BY THE MANUFACTURER. SUBMIT SHOP DRAWINGS TO THE ARCHITECT, BUILDING OFFICIAL, AND STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION. PANELS AND ATTACHMENTS SHALL BE INSPECTED BY THE BUILDING OFFICIAL PRIOR TO COVER.

65. PREFABRICATED CONNECTOR PLATE WOOD ROOF TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH TPI 1 AND IBC SECTION 2303.4 FOR THE SPANS AND CONDITIONS SHOWN ON THE DRAWINGS.

DESIGN LOADS SHALL BE AS FOLLOWS:

TOP CHORD LIVE LOAD	PER DESIGN LOADING CRITERIA
BOTTOM CHORD LIVE LOAD	PER DESIGN LOADING CRITERIA
TOP CHORD DEAD LOAD	10 PSF
BOTTOM CHORD DEAD LOAD	10 PSF
WIND UPLIFT (TOP CHORD)	30 PSF (ASD GROSS)

THE TRUSS MANUFACTURER SHALL COORDINATE LOCATIONS AND SUPPORT CONFIGURATIONS OF PLUMBING, MECHANICAL UNITS, DUCTS, AND/OR OTHER MISCELLANEOUS ITEMS WITH THE CONTRACTOR PRIOR TO TRUSS FABRICATION. THE TRUSS MANUFACTURER SHALL DESIGN TRUSSES TO SUPPORT ALL LOADS ASSOCIATED WITH SUCH ITEMS. THE TRUSS SHOP DRAWINGS SHALL INCLUDE ALL DESIGN LOADS AND APPROVED HANGER CONNECTION DETAILS TO TRUSS CHORDS FOR SUPPORT OF HUNG MECHANICAL SYSTEM COMPONENTS.

WOOD TRUSSES SHALL UTILIZE APPROVED CONNECTOR PLATES (GANGNAIL OR EQUAL). SHOP DRAWINGS AND CALCULATIONS SHALL BE PROVIDED AS A DEFERRED SUBMITTAL TO THE ARCHITECT AND STRUCTURAL ENGINEER PER GENERAL STRUCTURAL NOTE 14. SHOP DRAWINGS SHALL INDICATE SHAPES, BEARING POINTS, INTERSECTIONS, HIPS, VALLEYS, ETC. EXACT COMPOSITION OF SPECIAL HIP, VALLEY, AND INTERSECTION AREAS (USE OF GIRDER TRUSSES, JACK TRUSSES, STEP-DOWN TRUSSES, ETC.) SHALL BE DETERMINED BY THE MANUFACTURER UNLESS OTHERWISE NOTED ON THE DRAWINGS. THE TRUSS MANUFACTURER SHALL PROVIDE ALL TRUSS-TO-TRUSS AND TRUSS-TO-BEAM/JOIST CONNECTION DETAILS AND REQUIRED CONNECTION MATERIALS. THE TRUSS MANUFACTURER SHALL DESIGN AND PROVIDE DETAILS FOR ALL TEMPORARY AND PERMANENT TRUSS BRACING AND BRIDGING.

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CHECKED BY JLJ
APPROVED BY CMP

PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL
330 BALLARAT AVE NE
NORTH BEND, WA 98045

SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO. 1919
ISSUE DATE 2/20/23
CURRENT REVISION BID SET
DRAWING PLOT DATE 10/17/2024

DATE	REVISION

KEY PLAN

SHEET NAME
GENERAL STRUCTURAL NOTES

SHEET NUMBER
S1.02

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FOUNDATION NOTES

1. SLAB ELEVATIONS VARY PER PLANS AND ARCHITECTURAL PLANS. SLAB-ON-GRADE SHALL BE 4" THICK WITH 6x6 W1.4xW1.4 W.W.M. AT CENTER, U.O.N. INSTALL VAPOR BARRIER BELOW SLAB AT INTERIOR SPACES OVER FREE-DRAINING GRANULAR FILL PER THE GEOTECHNICAL REPORT.

2. INSTALL CONTROL/CONSTRUCTION JOINTS IN SLABS-ON-GRADE TO DIVIDE SLABS INTO RECTANGULAR AREAS 225 SQUARE FEET OR LESS. AREAS SHALL BE APPROXIMATELY SQUARE WITH NO ACUTE ANGLES. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS. JOINT LOCATIONS MUST BE APPROVED BY THE ARCHITECT. SEE 9/S3.00 FOR ADDITIONAL INFORMATION.

3. TOPS OF ALL EXTERIOR FOOTINGS ON THIS PLAN SHALL BE BURIED BELOW FINISHED GRADE AS SHOWN IN THE DETAILS. FOOTINGS SHALL BEAR ON SUITABLE COMPACTED FILL OR DENSE NATIVE MATERIAL AS APPROVED BY THE OWNER-APPOINTED GEOTECHNICAL ENGINEER. CONTRACTOR SHALL COORDINATE WITH FINAL SITE GRADES SHOWN IN THE CIVIL DRAWINGS AND MAINTAIN MINIMUM DEPTH OF FOOTINGS SHOWN IN THE DRAWINGS.

4. CONTRACTOR SHALL COORDINATE UNDERSLAB PIPING REQUIREMENTS WITH FOUNDATION DEPTHS AND DETAIL 14/S3.00 . NOTIFY THE STRUCTURAL ENGINEER IF CONFLICTS ARISE DURING CONSTRUCTION.

5. REFER TO ARCHITECTURAL DRAWINGS FOR SLAB STEPS AND SLOPES NOT SHOWN. SLAB DEPRESSIONS SHALL BE PER 3/S3.00, TYP.

FLOOR FRAMING NOTES

6. STUD WALLS SHALL BE FRAMED USING DOUGLAS-FIR GRADE 2X STUDS @ 16"oc, U.O.N. SEE GENERAL STRUCTURAL NOTES FOR TYPICAL WALL FRAMING NOTES. SEE DETAIL 17/S6.06 FOR SPECIAL STUD REQUIREMENTS AT HEAVILY NAILED SHEAR WALL PANEL EDGES WHERE 3x FRAMING IS REQUIRED. SEE ARCHITECTURAL DRAWINGS FOR WALL ASSEMBLIES.

7. SEE20/S6.00 FOR ALLOWABLE NOTCHES IN WALL STUDS. SEE19/S6.00 FOR ALLOWABLE HOLES THROUGH STUD WALL PLATES. HOLES DRILLED THROUGH WALL STUDS SHALL MEET THE REQUIREMENTS OF DETAIL 3/S6.00 , TYP.

8. POSTS OR JAMB STUDS AT ENDS OF SUPPORTING BEAMS OR BELOW POSTS SHALL BE THE MAXIMUM OF HOW MANY STUDS NEEDED FOR FULL BEARING, MULTI-STUD SCHEDULE, AND (2) STUDS MIN. NAIL STUDS TOGETHER PER THE GENERAL STRUCTURAL NOTES.

9. BEAMS OVER INTERIOR OPENINGS SHALL BE (2)2x8 (EXTERIOR OPENINGS SHALL BE (2)2x10) AND DROPPED BELOW STUD WALL TOP PLATES PER 14/S6.00 , U.O.N.

10. REFER TO THE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS WHERE FASTENERS AND CONNECTORS ARE IN CONTACT WITH PRESSURE-TREATED WOOD MEMBERS.

11. AT SHEATHED WALLS, CONTRACTOR SHALL EXTEND SHEATHING TO ACHIEVE FULL COVERAGE OF ENTIRE WALL TO AVOID CONFLICTS BETWEEN VARYING STRUCTURAL SHEATHING AND GWB THICKNESSES

ROOF FRAMING NOTES

12. ROOF SYSTEM SHALL CONSIST OF 5/8" PLYWOOD (PANEL SPAN RATING 32/16). NAIL SHEATHING AT ALL FRAMED PANEL EDGES, DIAPHRAGM BOUNDARIES, STRUTS, BLOCKING, AND SHEAR WALLS BELOW W/ 10d @ 6"oc. NAIL SHEATHING AT ALL INTERMEDIATE SUPPORTS W/ 10d @ 12"oc, U.O.N. INSTALL PANEL EDGE CLIPS PER GENERAL STRUCTURAL NOTES AT ALL UNFRAMED, UNBLOCKED PANEL EDGES.

13. ROOF FRAMING SHALL BE CONNECTOR PLATE TRUSSES @ 24"oc. LUMBER FOR THE TRUSSES SHALL BE PER THE TRUSS DESIGNER EXCEPT TRUSS TOP CHORDS SHALL BE DOUG-FIR #2. TRUSS MANUFACTURER SHALL INSTALL ALL TEMPORARY AND PERMANENT TRUSS BOTTOM CHORD BRACING AND BRIDGING AND RELATED CONNECTION AND ATTACHMENT DETAILS. REFER TO THE ARCHITECTURAL DRAWINGS FOR GENERAL STRUCTURAL NOTES FOR OTHER ADDITIONAL REQUIREMENTS.

14. TRUSSES SHALL BE DESIGNED FOR TYPICAL TRUSS LOADING AS SHOWN IN THE GENERAL STRUCTURAL NOTES, GABLED TRUSSES SHALL BE DESIGNED FOR BOTH THE BALANCED, AND UNBALANCED SNOW LOADING CONDITIONS AS REQUIRED OF ASCE 7-16, 7.6.1.

15. FLAT BLOCKING IS REQUIRED AT ALL UNFRAMED RIDGES, HIPS, AND VALLYES FOR SHEATHING CONNECTION.

16. ROOF BEAMS SHALL BE (2)2x10 AND DROPPED BELOW STUD WALL TOP PLATES PER 14/S6.00 , UNLESS OTHERWISE NOTED.

17. INSTALL HU (MAX) HANGERS AT ALL FLUSH WOOD BEAM-TO-WOOD BEAM CONNECTIONS AND ALL FLUSH SKEWED FRAMING CONNECTIONS, U.O.N. HU HANGERS SHALL BE SIZED TO MATCH NOMINAL DEPTH OF SUPPORTED MEMBERS, U.O.N. SEE PLANS/DETAILS WHERE CONCEALED FLANGES ARE REQUIRED.

18. AT AREAS SHADED ON PLAN, THE CONTRACTOR SHALL INSTALL 2x OVERFRAMING SPACED AT 24"oc MAXIMUM BETWEEN STUDS, AND 48"oc SPACED BETWEEN SUPPORTS.

19. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR TO DESIGN, SUPPLY, AND INSTALL ALL HANGERS, AND SEISMIC BRACING FOR MECHANICAL SYSTEMS AND HUNG PIPING PRIOR TO TRUSS FABRICATION. SEE GENERAL STRUCTURAL NOTES AND MECHANICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

20. CONTRACTOR SHALL COORDINATE WITH THE TRUSS MANUFACTURER AND THE ARCHITECT TO ACCOMMODATE ROOF ACCESS HATCHES WHERE SHOWN ON THE ARCHITECTURAL PLANS.

WOOD LEGEND:

- MULTI-STUD POST WITH "X" STUDS THIS LEVEL - NAIL TOGETHER PER GENERAL STRUCTURAL NOTES (SEE PLAN NOTE 8)
- (X) STUD WALL TYPE 'X' PER SCHEDULE THIS SHEET (SEE PLAN NOTE 6)
- POST THIS LEVEL (SEE PLAN NOTE 8)
- STRUCTURAL WALL THIS LEVEL
- STRUCTURAL WALL BELOW THIS LEVEL
- POST BELOW
- SPAN DIRECTION OF CONNECTOR PLATE TRUSSES (SEE PLAN NOTE 13)
- GL GLULAM

LATERAL FORCE RESISTING SYSTEM LEGEND:

(SEE GENERAL STRUCTURAL NOTE 15)

- EXTENTS OF SHEAR WALL SHEATHING PER PLAN NOTE 11
- STRUT FRAMING MEMBER NAILED AS STRUT PER PLAN NOTE 12
- HDx HOLDOWN TYPE 'x' PER SCHEDULE THIS SHEET, S6.06, AND S6.07
- ***Wx*** SHEAR WALL TYPE 'x' THIS LEVEL PER THIS SHEET AND S6.06

HOLDOWN SCHEDULE	
HDA	HDB
HDU5	(2)HDU5

BEAM SCHEDULE	
mark	Type
B-1	GL 5-1/2"x18"
B-2	LSL 3-1/2"x11-7/8"
B-3	PSL 5-1/4"x11-7/8"

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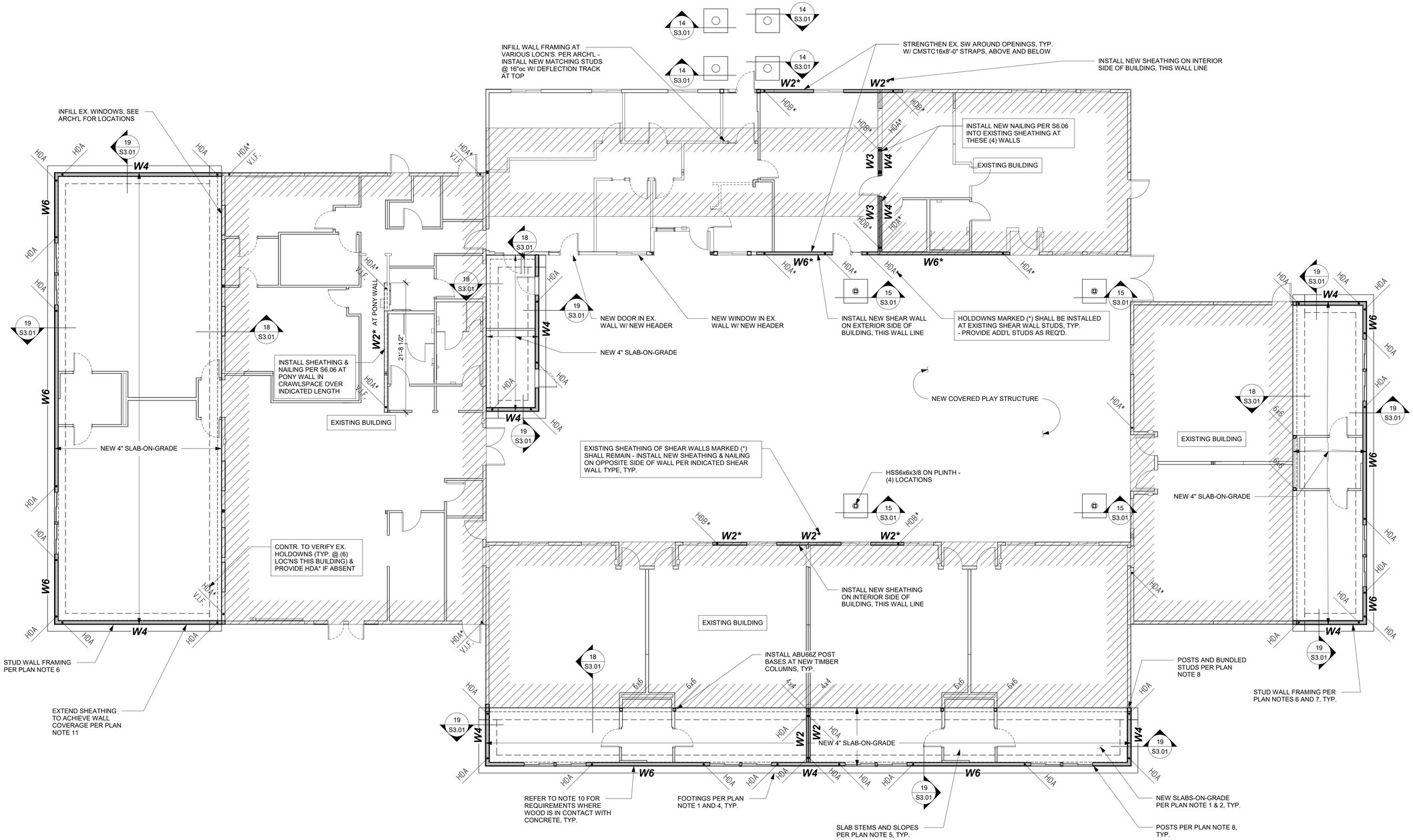
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DATE	REVISION

KEY PLAN

SHEET NAME
PLAN NOTES AND LEGENDS

SHEET NUMBER
S1.03



1 Foundation Plan
1/8" = 1'-0"

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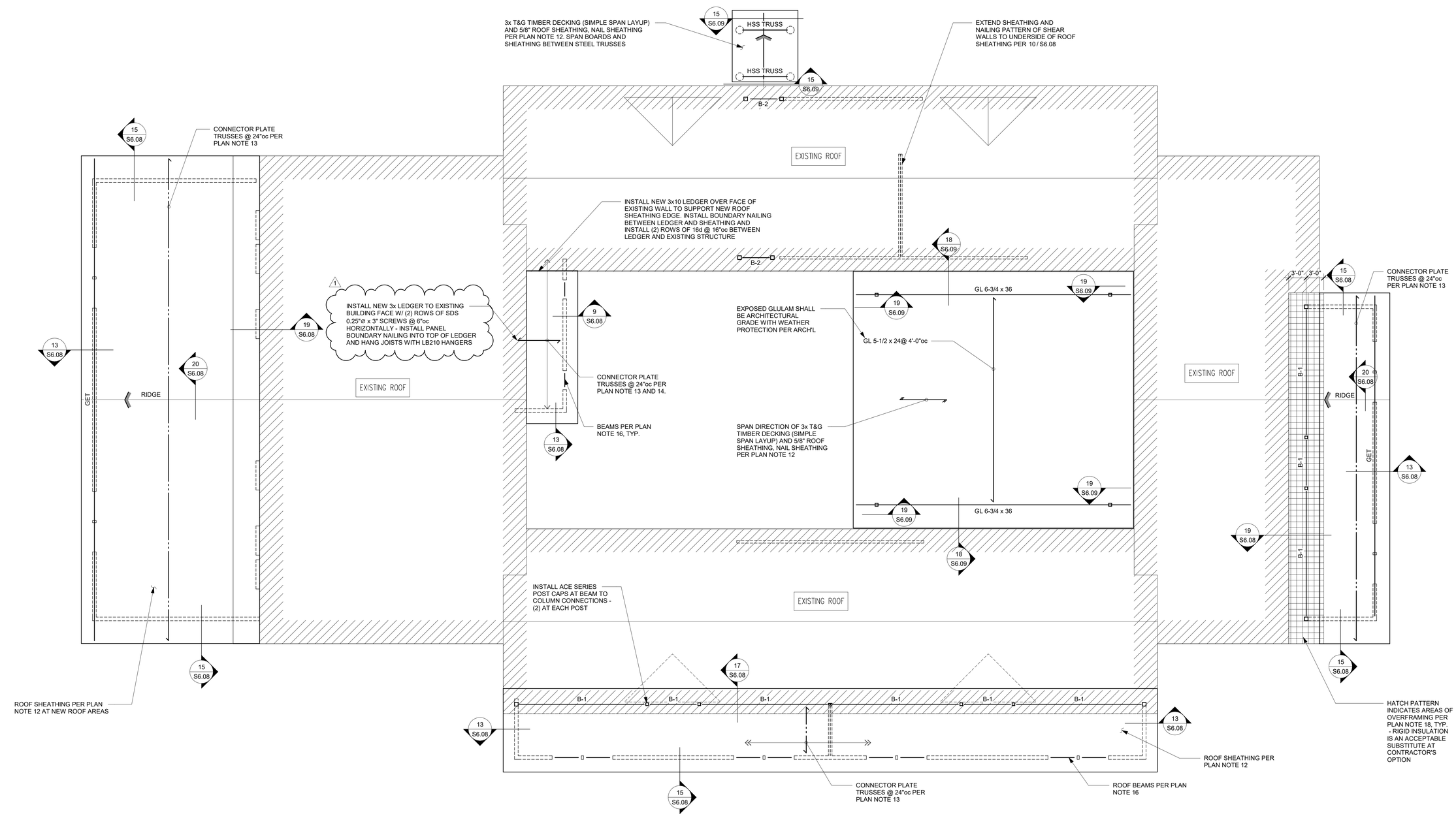
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02-02-2024
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10/17/2024

DATE	REVISION

KEY PLAN

SHEET NAME
FOUNDATION PLAN

SHEET NUMBER
S2.00



1 Roof Framing Plan
1/8" = 1'-0"

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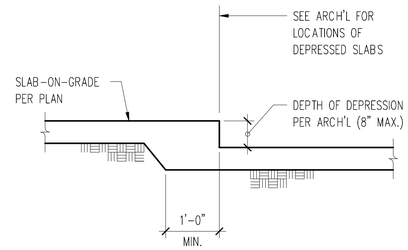
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DATE	REVISION
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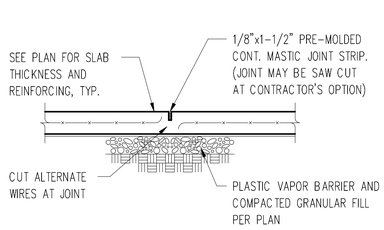
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SHEET NAME
ROOF FRAMING PLAN

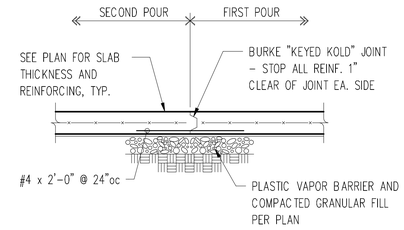
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S2.01



3 1006
3/4" = 1'-0"



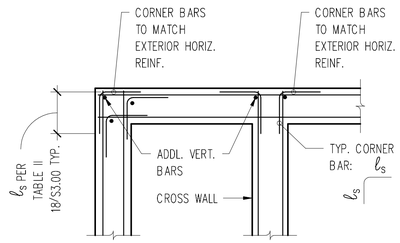
CONTROL JOINT



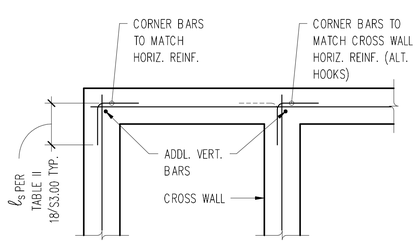
CONSTRUCTION JOINT

WELDED WIRE MESH REINFORCEMENT

9 1001
3/4" = 1'-0"

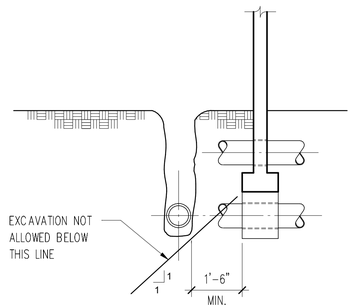


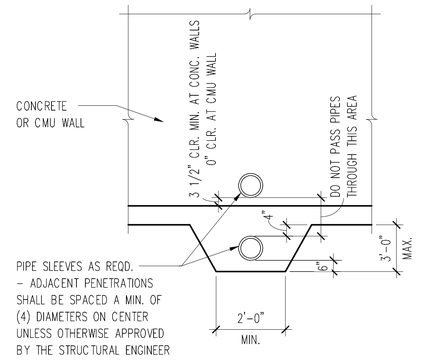
PLAN
DOUBLE CURTAIN



PLAN
SINGLE CURTAIN

13 1004
3/4" = 1'-0"





14 1008
3/4" = 1'-0"

I MINIMUM STRAIGHT DEVELOPMENT LENGTH (ℓ_d)

BAR SIZE	f'c = 4000 PSI		f'c ≥ 5000 PSI	
	TOP BARS *	OTHER BARS	TOP BARS *	OTHER BARS
# 3	19"	15"	17"	13"
# 4	25"	19"	23"	17"
# 5	31"	24"	28"	22"
# 6	37"	29"	34"	26"
# 7	54"	42"	49"	38"
# 8	62"	48"	56"	43"

II MINIMUM LAP SPLICE LENGTHS (ℓ_s) (CLASS B)

BAR SIZE	f'c = 4000 PSI		f'c ≥ 5000 PSI	
	TOP BARS *	OTHER BARS	TOP BARS *	OTHER BARS
# 3	24"	19"	22"	17"
# 4	33"	25"	29"	23"
# 5	41"	31"	36"	28"
# 6	49"	37"	44"	34"
# 7	71"	54"	63"	49"
# 8	81"	62"	72"	56"

* "TOP BARS" ARE HORIZONTAL BARS WITH MORE THAN 12" DEPTH OF CONCRETE CAST BELOW THEM.

IF CLEAR CONCRETE COVER IS LESS THAN 1x THE DIAMETER OF THE BAR OR THE CENTER-TO-CENTER SPACING IS LESS THAN (3) BAR DIAMETERS, THEN VALUES SHALL BE INCREASED BY 50%.

III MINIMUM EMBEDMENT LENGTHS (ℓ_{dh}) FOR STANDARD END HOOKS

BAR SIZE	f'c ≥ 4000 PSI
# 3	6"
# 4	7"
# 5	9"
# 6	10"
# 7	12"
# 8	14"

1. SIDE COVER MUST BE EQUAL TO OR GREATER THAN 2 1/2".
2. END COVER FOR 90° HOOKS MUST BE EQUAL TO OR GREATER THAN 2".

18 1000
3/4" = 1'-0"

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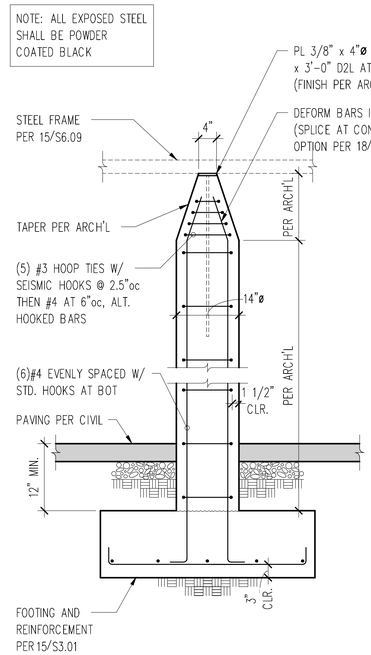
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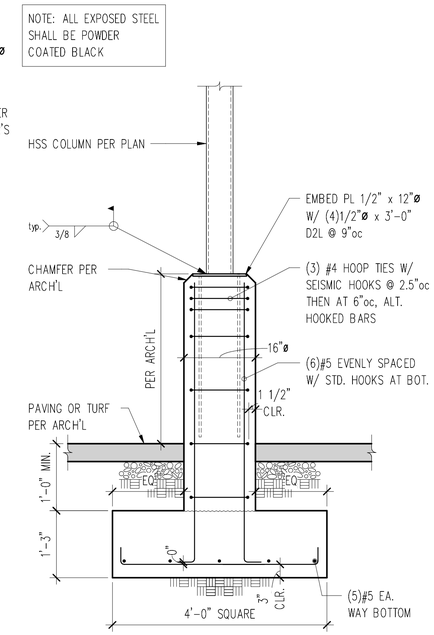
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SHEET NAME
TYPICAL CONCRETE DETAILS

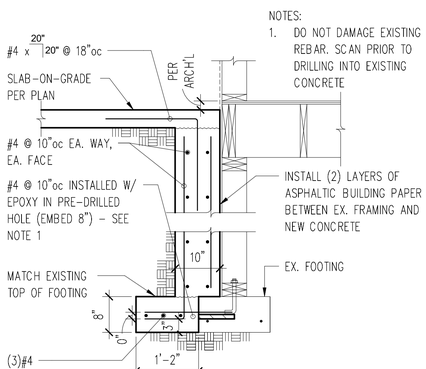
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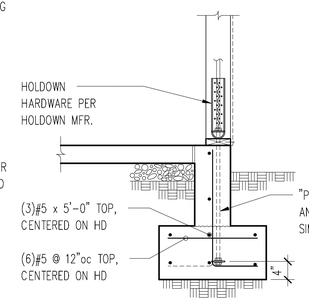
14 1146
3/4" = 1'-0"



15 1145
3/4" = 1'-0"

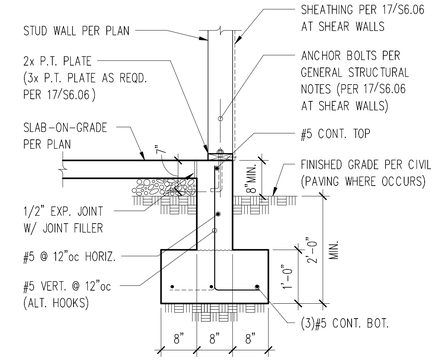


18 1144
3/4" = 1'-0"



1 AT HOLDOWNS

19 1128
3/4" = 1'-0"



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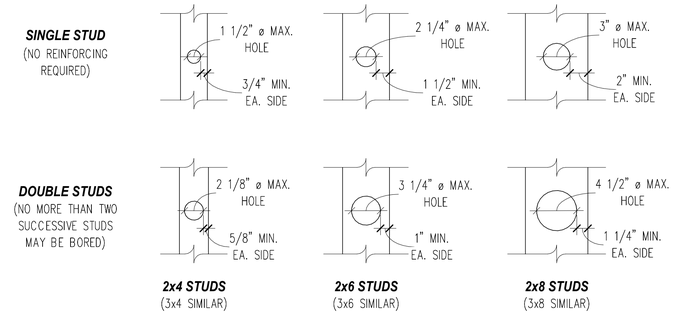
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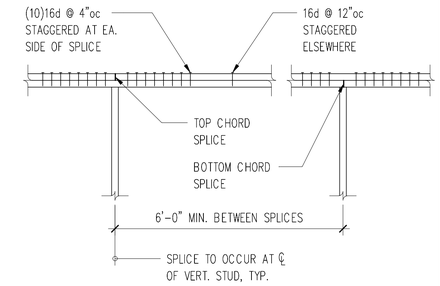
KEY PLAN

SHEET NAME
CONCRETE DETAILS

SHEET NUMBER
S3.01



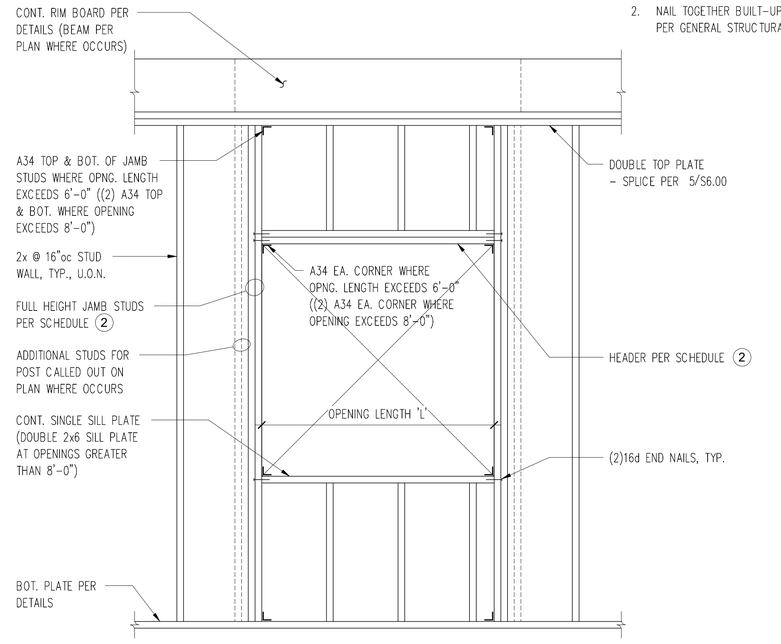
3 2002
1 1/2" = 1'-0"



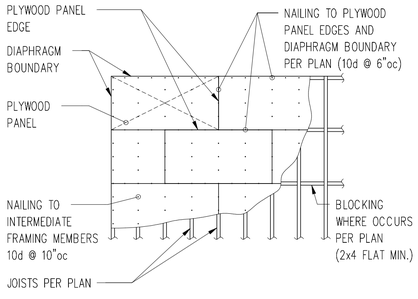
5 2000
3/4" = 1'-0"

HEADER & JAMB STUD SCHEDULE		
OPENING LENGTH 'L'	HEADER SIZE (1)(2)	JAMB STUD SIZE (1)(2)
L ≥ 6'-0"	(2)2x6	(2)2x6
6'-0" < L ≤ 9'-0"	(3)2x6	(3)2x6

NOTES:
1. 2x8 AND LARGER STUD WIDTHS SHALL MATCH NUMBER OF STUDS REQUIRED FOR 2x6 STUDS.
2. NAIL TOGETHER BUILT-UP MEMBERS PER GENERAL STRUCTURAL NOTES.

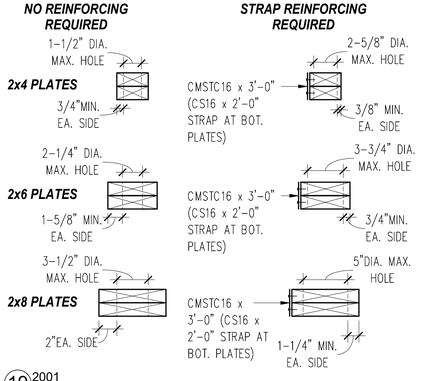


14 2042
3/4" = 1'-0"



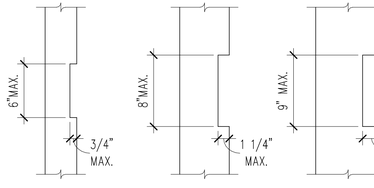
NOTE:
BEARING AND SHEAR WALL INTERSECTIONS SHALL BE CONSIDERED DIAPHRAGM BOUNDARIES, TYP.

18 2072
3/8" = 1'-0"



19 2001
1 1/2" = 1'-0"

NOTE:
NOTCHES SHALL NOT OCCUR IN MORE THAN (2) SUCCESSIVE STUDS.



20 2003
1 1/2" = 1'-0"

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8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
1919
ISSUE DATE
2/20/23
CURRENT REVISION
BID SET
DRAWING PLOT DATE
10/17/2024

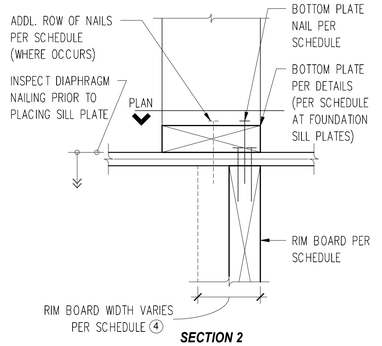
DATE	REVISION

KEY PLAN

SHEET NAME
TYPICAL WOOD DETAILS

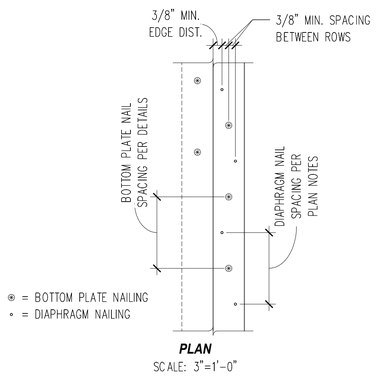
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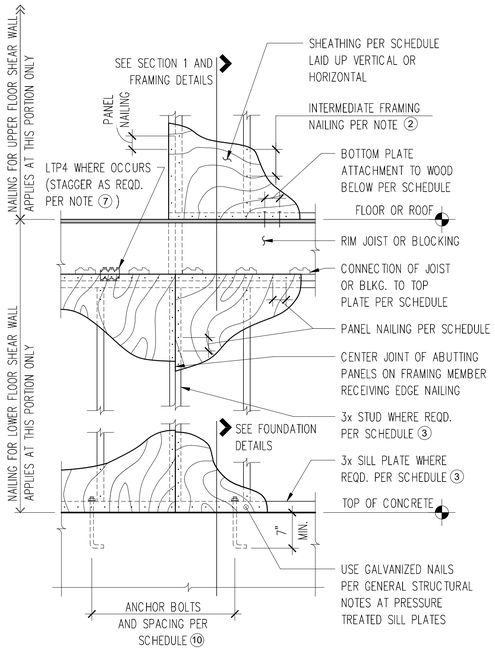
SECTION 2

SCALE: 3"=1'-0"



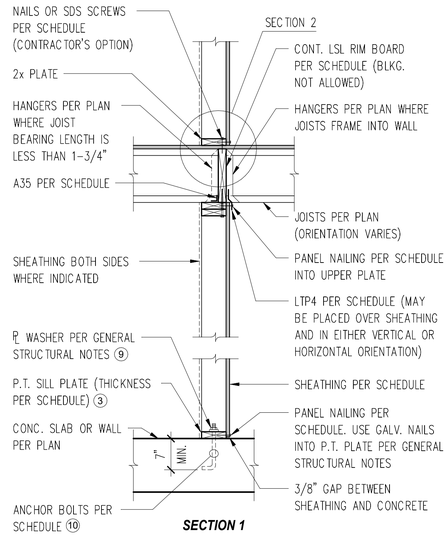
PLAN

SCALE: 3"=1'-0"



ELEVATION

TYPICAL SHEAR WALL NAILING CONVENTION



SECTION 1

MARK	SHEATHING ①	0.148" x 2-1/2" PANEL NAILING ②	THICKNESS OF STUD OR BLKG. AT ABUTTING PANEL EDGES, AND THICKNESS OF FOUNDATION SILL PLATE ③	MINIMUM LSL OR LVL RIM BOARD THICKNESS (BASED ON SHEAR WALL BELOW RIM BOARD) ④	CONNECTION OF JOIST OR BLKG. TO TOP PLATE (BASED ON SHEAR WALL BELOW RIM BOARD) ⑧		BOTTOM PLATE ATTACHMENT ⑧		ANCHOR BOLTING TO CONCRETE ⑨⑩	
					A35 CLIPS	LTP4 CLIPS	0.148" x 3-1/4" NAILS ⑤	0.220"ø x 5" SDWS SCREWS ⑤	5/8"ø	3/4"ø
W6	1/2"	6"oc	2x	1-3/4"	22"oc	23"oc	5"oc	19"oc	48"oc	48"oc
W4	1/2"	4"oc	3x	1-3/4"	15"oc	15"oc	4"oc	13"oc	47"oc	48"oc
W3	1/2"	3"oc	3x	3-1/2"	12"oc	12"oc	(2) ROWS @ 5"oc	10"oc	36"oc	47"oc
W2	1/2"	2"oc	3x	3-1/2"	9"oc	9"oc	(2) ROWS @ 4"oc	7"oc	28"oc	36"oc

SHEAR WALL SCHEDULE NOTES:

① SHEATHING SHALL CONSIST OF 15/32" OSB (19/32" OSB AT W2-5/8) AT INTERIOR WALLS, AND 1/2" PLYWOOD AT EXTERIOR WALLS. OSB SHALL NOT BE SUBSTITUTED FOR PLYWOOD OR VICE VERSA. SHEATHING SHALL HAVE A MINIMUM SPAN RATING OF 24/0.

② PANEL NAILING APPLIES TO ALL SHEATHING PANEL EDGES. INSTALL BLOCKING AT ALL UNFRAMED PANEL EDGES. NAIL SHEATHING TO INTERMEDIATE FRAMING WITH PANEL NAILS AT 12"oc.

1

③ DOUBLE 2x MEMBERS MAY BE SUBSTITUTED FOR 3x MEMBERS. WALL STUDS SHALL BE FACE NAILED TOGETHER PER THE BOTTOM PLATE ATTACHMENT COLUMN OF THE SCHEDULE. SILL PLATES SHALL BE NAILED TOGETHER W/ 10d @ 6"OC, STAGGERED.

④ SEE PLANS AND DETAILS FOR LOCATIONS WHERE THICKER RIM BOARD MAY BE REQUIRED.

⑤ SEE PLAN VIEW FOR MINIMUM ROW SPACING AND MINIMUM EDGE DISTANCE.

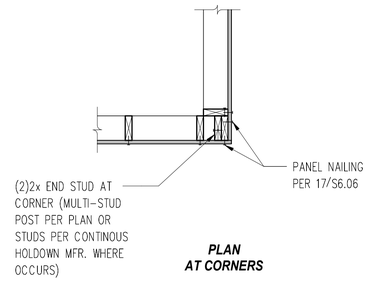
⑥ NOT USED

⑦ CLIPS SHALL BE INSTALLED W/ 0.131 x 2-1/2" NAILS IN ALL HOLES. WHERE CLIPS ARE REQUIRED EACH SIDE, CLIPS SHALL BE STAGGERED TO AVOID NAIL INTERFERENCE.

⑧ CONTRACTOR MAY USE EITHER OF THE CONNECTION OPTIONS INDICATED AND MAY VARY COMBINE A35 CLIPS ON ONE SIDE OF WALL WITH LTP4 ON THE OPPOSITE SIDE.

⑨ PLATE WASHERS IN 2x4 STUD WALLS AND ALL SINGLE SIDED SHEAR WALLS SHALL BE 3"x3"x0.229". DOUBLE SIDED 2x6 SHEAR WALLS SHALL HAVE 4-1/2"x3"x0.229" PLATE WASHERES. THE EDGE OF PLATE WASHERS SHALL BE LOCATED WITHIN 1/2" OF THE EDGE OF BOTTOM PLATE ON THE SIDE WITH SHEATHING.

⑩ INSTALL ADDITIONAL ANCHOR BOLTS EACH SIDE OF PLATE BREAKS AND PENETRATIONS EXCEEDING THE "NO REINFORCING" HOLE SIZE PER 19/S6.00 .



PLAN AT CORNERS

16 2102 3/4" = 1'-0"

17 2073 3/4" = 1'-0"

10/17/2024 12:50:47 PM

ATLAS DESIGN GROUP INC

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CONSULTANT SEAL

DRAWN BY: GAG
CHECKED BY: JLJ
APPROVED BY: CMP

PROJECT NAME
EARLY CHILDHOOD CENTER AT TWO RIVERS SCHOOL
330 BALLARAT AVE NE
NORTH BEND, WA 98045

SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
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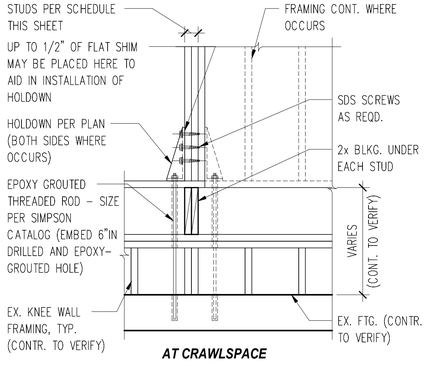
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ISSUE DATE 2/20/23
CURRENT REVISION: BID SET
DRAWING PLOT DATE 10/17/2024

DATE	REVISION
05/31/2024	BP CORR. #1

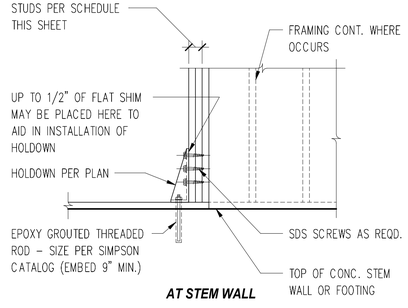
KEY PLAN

SHEET NAME
WOOD SHEAR WALL DETAILS

SHEET NUMBER
S6.06



AT CRAWLSPACE



AT STEM WALL

20 2067 3/4" = 1'-0"

NET TENSION (T) & COMPRESSION (C) LOADS			
MARK	***HOLDOWN*** ①	***MIN. NUMBER STUDS, U.O.N.*** ②	***LOAD***
HDA	HDU5	3	5.6k
HDB	(2)HDU5	(2)HUD5	11.3k
HDA*	HDU5 W/ 1/2" BOLT	3	4.2k
HDB*	(2)HDU5 W/ 1/2" BOLT	(2)HUD5	8.5k

HOLDOWN SCHEDULE NOTES:

① HOLDOWN TYPES REFER TO SIMPSON STRONG-TIE CATALOG CALLOUTS. QUANTITY OF (2) INDICATES (1) EA. SIDE OF STUDS.

② NAIL PLYWOOD SHEATHING TO STUDS RECEIVING HOLDOWN W/ SHCEDULED PANEL EDGE NAILING. STAGGER NAILS SO THAT EACH STUD IS NAILED.

10/17/2024 12:50:47 PM

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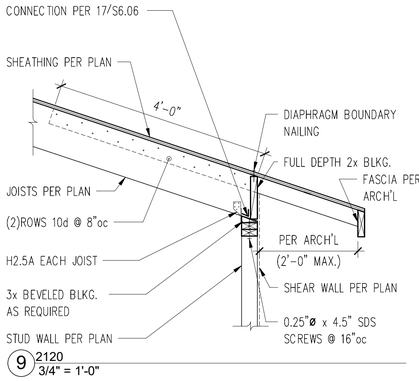
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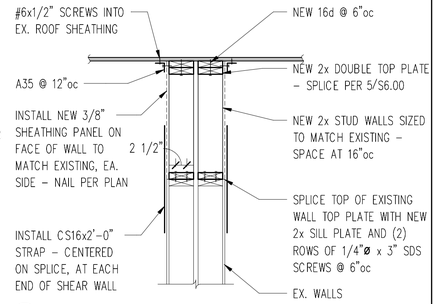
KEY PLAN

SHEET NAME
STRAP AND HOLDOWN DETAILS

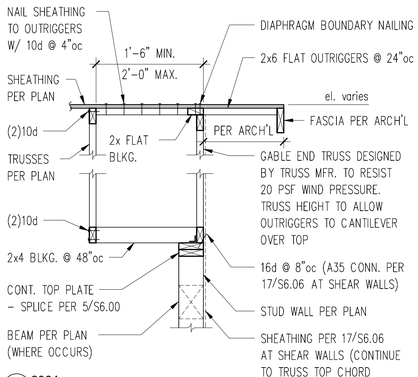
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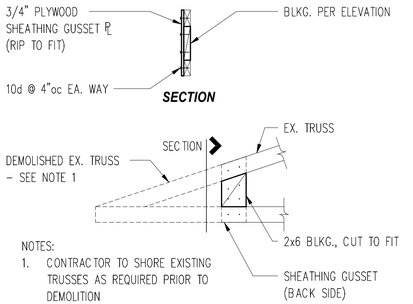
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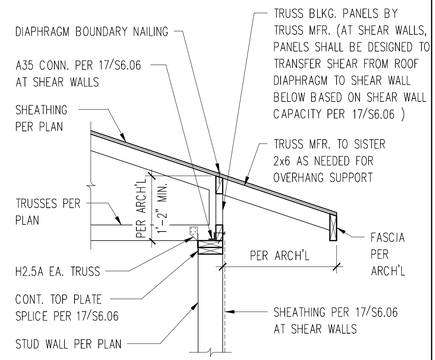
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3/4" = 1'-0"



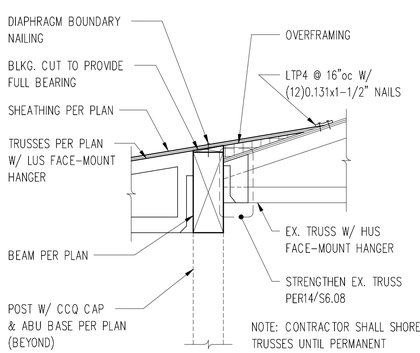
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3/4" = 1'-0"



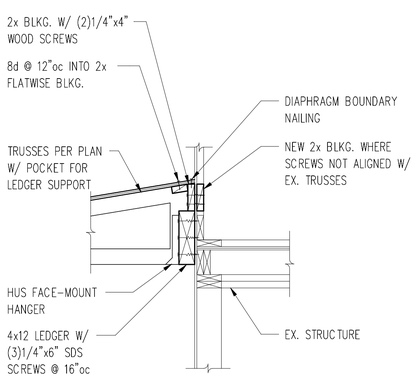
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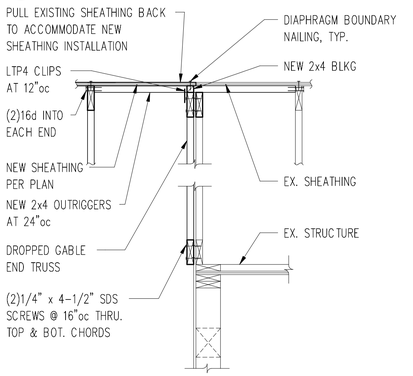
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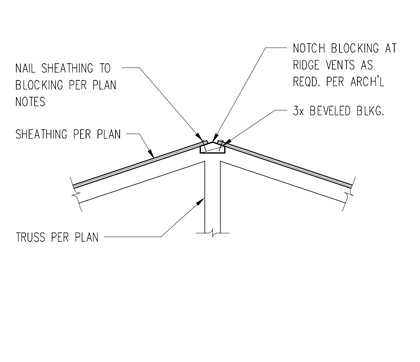
17 2114
3/4" = 1'-0"



18 2112
3/4" = 1'-0"



19 2111
3/4" = 1'-0"



20 2054
3/4" = 1'-0"

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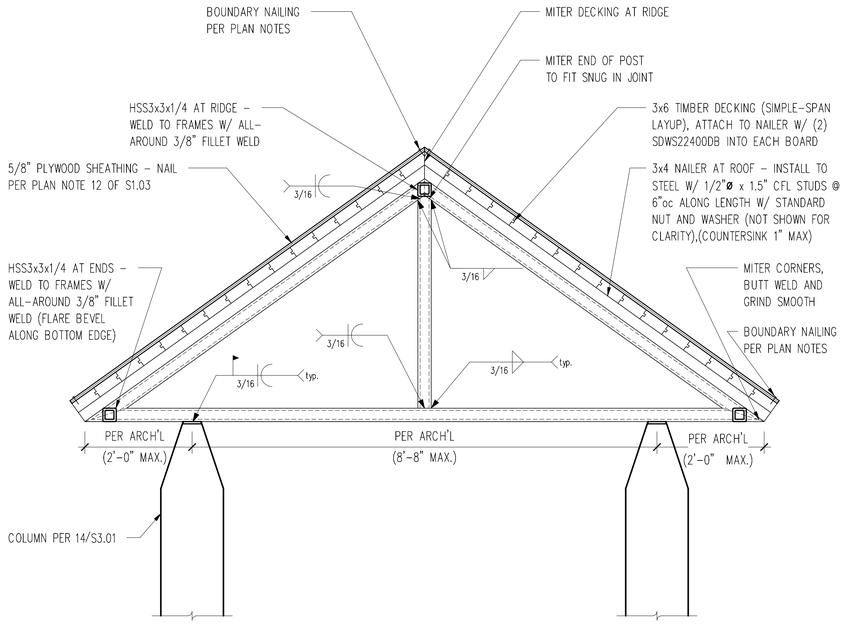
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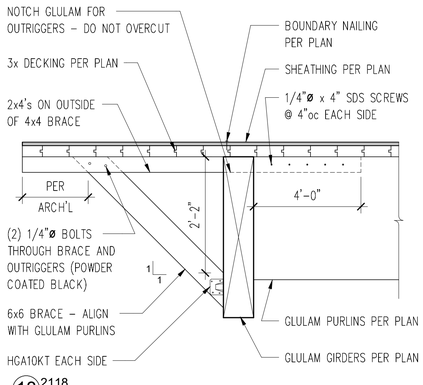
KEY PLAN

SHEET NAME
WOOD ROOF DETAILS

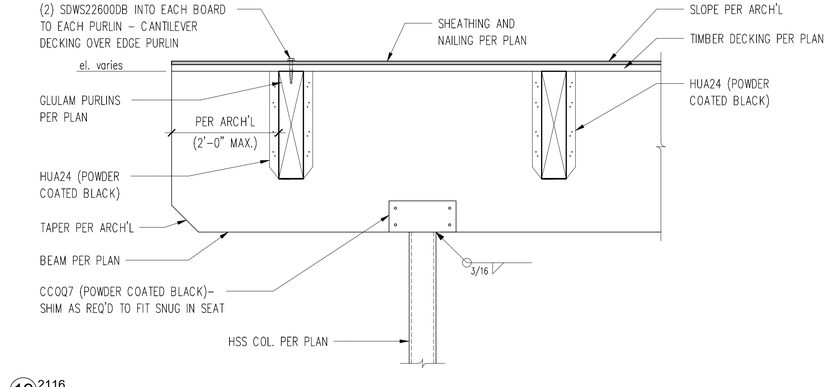
SHEET NUMBER
S6.08



15 2117
3/4" = 1'-0"



18 2118
3/4" = 1'-0"



19 2116
3/4" = 1'-0"

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KEY PLAN

SHEET NAME
WOOD ROOF DETAILS

SHEET NUMBER
S6.09

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ORIGINAL DOCUMENT SIZE 30" X 42"

MECHANICAL NOTES

1. THE FOLLOWING NOTES APPLY TO ALL MECHANICAL DRAWINGS. ADDITIONAL MECHANICAL NOTES MAY BE INDICATED ON EACH MECHANICAL, PLUMBING AND FIRE PROTECTION DRAWING.
2. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR GENERAL CONSTRUCTION INCLUDING LOUVERS, CONCRETE EQUIPMENT PADS, FLASHING DETAILS, ETC.
3. MECHANICAL DRAWINGS SHOW APPROXIMATE LOCATIONS FOR GRILLES AND DIFFUSERS. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS FOR EXACT LOCATIONS.
4. ARRANGE HVAC EQUIPMENT SO THAT ACCESS CLEARANCES INDICATED BY DRAWINGS, REQUIRED BY CODES OR RECOMMENDED BY MANUFACTURER ARE PROVIDED.
5. PROVIDE A VOLUME DAMPER FOR EACH SUPPLY, RETURN AND EXHAUST OPENING, IN SUPPLY BRANCH WHERE THREE OR MORE OPENINGS ARE ASSOCIATED WITH THE BRANCH, AND ELSEWHERE AS NOTED ON DRAWINGS OR IN SPECIFICATIONS.
6. REFER TO PIPING DIAGRAMS AND DETAILS FOR REQUIRED FITTINGS, VALVES, ETC. FLOOR PLANS AND SECTIONS INDICATE EQUIPMENT LOCATIONS AND GENERAL PIPE ROUTING ONLY. PROVIDE PIPING SHOP DRAWINGS COORDINATED WITH OTHER TRADES. REFER TO SPEC. FOR ADDITIONAL SHOP DRAWING REQUIREMENTS.
7. DUCTWORK STATIC PRESSURE AND SEAL CLASS, BASED UPON SMACNA:

DUCT SYSTEM	STATIC PRESS.	SEAL CLASS
A. UPSTREAM OF TERMINAL UNITS	+ 6.0"	A
B. DOWNSTREAM OF TERMINAL UNITS	+ 1.0"	C

8. PROVIDE AIR DISTRIBUTION (SUPPLY/ RETURN/EXHAUST) SHOP DRAWINGS COORDINATED WITH OTHER TRADES. REFER TO SPEC. FOR ADDITIONAL SHOP DRAWING REQUIREMENTS.
9. REFER TO ARCHITECTURAL DRAWINGS FOR ROOM ELEVATIONS. LOCATE MECHANICAL DEVICES SUCH AS TEMPERATURE SENSORS, HUMIDISTATS, PANELS, ETC. SO THAT THEY DO NOT CONFLICT WITH GENERAL CONSTRUCTION, LABORATORY EQUIPMENT, OR ELECTRICAL SYSTEM (LIGHT SWITCHES, PANELS, OUTLETS, ETC.).

GENERAL NOTES

PROTECT ALL DUCT OPENINGS OF FIRE RATED ASSEMBLIES PER I.B.C. 716.

INSTALL SEISMIC BRACING FOR ALL DUCTWORK, EQUIPMENT AND PIPING PER I.B.C. REQUIREMENTS.

INSTALL ALL PIPING ON ROOM SIDE OF BUILDING INSULATION.

MECHANICAL DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NOT NECESSARILY REFLECT EVERY REQUIRED OFF-SET, FITTING OR ACCESSORY.

THE MECHANICAL CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BEGINNING WORK IN ORDER TO OBSERVE EXISTING CONDITIONS. VERIFY EXACT SIZE, LOCATION AND CONDITION OF ALL EXISTING SYSTEMS, DUCTS, PIPES, UTILITIES AND BUILDING STRUCTURE.

VERIFY VOLTAGES AT THE SITE PRIOR TO ORDERING ANY EQUIPMENT.

CONTRACTOR SHALL PROVIDE WASTE, VENT, WATER AND GAS PIPING, INCLUDING TRAPS, FITTINGS AND STOPS TO COMPLETE EACH EQUIPMENT HOOK-UP TO THE POINT OF FINAL CONNECTION. CONNECTION BETWEEN VARIOUS PIECES OF EQUIPMENT SHALL BE MADE BY THE PLUMBING CONTRACTOR AT THE TIME EQUIPMENT IS BEING INSTALLED.

ABBREVIATIONS

ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
ARCH.	ARCHITECT / ARCHITECTURAL
BF	BOILER FEED
CA	COMPRESSED AIR
CD	CEILING DIFFUSER
CF	CHEMICAL FEED
CG	CEILING GRILLE
CO	CLEANOUT
COP	COEFFICIENT OF PERFORMANCE
COND	CONDENSATE
CONT.	CONTINUATION
C.V.	CHECK VALVE
DWG	DRAWING
(E)	EXISTING ITEMS
EA	EXHAUST AIR
EAT	ENTERING AIR TEMP.
EER	ENERGY EFFICIENCY RATING
EFF	EFFICIENCY / EFFICIENT
ELECT.	ELECTRICAL
FFD	FLOOR FUNNEL DRAIN
G.V.	GATE VALVE
MC	MECHANICAL CONTRACTOR
MECH.	MECHANICAL
NP	NON POTABLE
OSA	OUTSIDE AIR
O S & Y	OPEN STEM & YOKE
P.O.C.	POINT OF CONNECTION
RG	RETURN / RELIEF GRILLE
SA	SUPPLY AIR
SENS	SENSOR
SG	SUPPLY GRILLE
STM	STEAM
T'STAT	THERMOSTAT
TYP	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
V	VENT
VTR	VENT THROUGH ROOF
W	WASTE
WCO	WALL CLEANOUT

PIPING SYMBOLS

BALL VALVE
BALANCING VALVE
BUTTERFLY VALVE
CHECK VALVE
CLEAN OUT
CONTROL VALVE - 2 WAY
CONTROL VALVE - 3 WAY
DEMOLISHED ITEM
FLOW METER
FLEX CONNECTION
GATE VALVE
PRESSURE REDUCING VALVE
PRESSURE RELIEF VALVE
RPBP — REDUCED PRESSURE - BACKFLOW PREVENTER
THERMOMETER
UNION
VENT
WASTE
COLD WATER (DOM).
HOT WATER (DOM).
HOT WATER RECIRC. (DOM).
HEAT TRACE
D — CONDENSATE DRAIN
LR — LIQUID REFRIGERANT
SR — SUCTION REFRIGERANT
RL — RAIN LEADER
ORL — OVERFLOW RAIN LEADER
PIPE DOWN
PIPE UP
HOSE BIBB / WALL HYDRANT
HOSE DRAIN VALVE
VENT THROUGH ROOF
FLOOR DRAIN
FLOOR SINK

DUCTWORK SYMBOLS

DUCT SECTION - SUPPLY
DUCT SECTION - RETURN
20x12 — RECTANGULAR DUCT (INSIDE DIMENSION)
20"ø — ROUND DUCT
FLEX CONNECTION
L20x12 — LINED DUCT (INSIDE DIMENSION)
L12x10 — LINED DUCT (INSIDE DIMENSION)
90° CONICAL SPIN-IN FITTING
FLEXIBLE DUCT
TURNING VANE
CEILING DIFFUSER
RETURN / EXHAUST / TRANSFER GRILLE OR REGISTER
VOLUME DAMPER
M — MOTORIZED DAMPER
COMBINATION SMOKE/FIRE DAMPER
DUCT SMOKE DAMPER
BACKDRAFT DAMPER
T — THERMOSTAT
S — SENSOR
C — CO2 SENSOR

GENERAL SYMBOLS

P-1 — PLUMBING FIXTURE IDENTIFICATION
M-1 — EQUIPMENT IDENTIFICATION

AIR TERMINAL MARK
X — TYPE (SEE SCHEDULE)
200 — DESIGN CFM

DETAIL REFERENCE
1 / M2 — 1: DETAIL NUMBER; M2: DRAWING ON WHICH DETAIL IS LOCATED

SECTION REFERENCE
A / M-2 — A: SECTION NUMBER; M-2: DRAWING ON WHICH SECTION IS LOCATED

1 — REVISION IDENTIFICATION
1 — FLAG NOTE

ELECTRIC WATER HEATER SCHEDULE

EQUIP NO	AREA SERVED	TANK VOLUME GAL.	TEMP RISE Deg F	AMPS	ENT WATER TEMP Deg F	INPUT KW	UEF	VOLTS	PHASE	MODEL
EWH-1	SEE PLANS	1.6	90	12	47	1.44	0.99	120	1	EEMAX EMT2.5
EWH-2	SEE PLANS	2.4	90	12	47	1.44	0.99	120	1	EEMAX EMT2.5
EWH-3	SEE PLANS	7.0	90	12	47	1.44	0.99	120	1	EEMAX EMT2.5
EWH-4	SEE PLANS	7.0	90	12	47	1.44	0.99	120	1	EEMAX EMT2.5
EWH-5	SEE PLANS	1.6	90	12	47	1.44	0.99	120	1	EEMAX EMT1
EWH-6	SEE PLANS	1.6	90	12	47	1.44	0.99	120	1	EEMAX EMT1
EWH-7	SEE PLANS	1.6	90	12	47	1.44	0.99	120	1	EEMAX EMT1
EWH-8	SEE PLANS	7.0	90	12	47	1.44	0.99	120	1	EEMAX EMT2.5
EWH-9	SEE PLANS	1.6	90	12	47	1.44	0.99	120	1	EEMAX EMT1
EWH-10	SEE PLANS	7.0	90	12	47	1.44	0.99	120	1	EEMAX EMT2.5
EWH-11	SEE PLANS	1.6	90	12	47	1.44	0.99	120	1	EEMAX EMT1

PIPE AND EQUIPMENT INSULATION SCHEDULE

PIPING SYSTEM	TEMP. RANGE Deg. F	THERMAL COND. Btu*in/(hr*ft²*Deg. F)	MEAN TEMP. RATING Deg. F	INSULATION MATERIAL	INSULATION THICKNESS (INCHES) BY PIPE SIZE					NOTES
					< 1"	1" TO < 1-1/2"	1-1/2" TO < 4"	4" TO < 8"	8" AND UP	
DOMESTIC COLD WATER	ALL	0.21 - 0.27	75	FIBERGLASS	0.5	0.5	1.0	1.0	1.0	1, 2, 3
DOMESTIC HOT WATER	ALL	0.21 - 0.28	100	FIBERGLASS	1.0	1.0	1.5	1.5	1.5	1, 2, 3

NOTES:
1. FOR HOT & COLD PIPING LARGER THAN 2", UTILIZE RIGID INSERTS, INSULATION CONTINUOUS THROUGH THE HANGER, SHEET METAL SHIELD.
2. FOR COLD PIPES 2" AND SMALLER, UTILIZE RIGID INSERTS, INSULATION CONTINUOUS THROUGH THE HANGER, SHEET METAL SHIELD.
3. JACKETING: METAL JACKET (SEALED WATERTIGHT) SHALL BE USED AT ALL EXTERIOR INSULATION EXPOSED TO WEATHER. PVC JACKET WITH RIGID CALCIUM SILICATE INSULATION SHALL BE USED.

GRILLE, REGISTER, AND DIFFUSER SCHEDULE

MARK	FUNCTION	MANUFACTURER	MODEL	FACE SIZE IN.	NECK SIZE IN.	BORDER	OBD	REMARKS
A	SUPPLY	TITUS	MCD	24x24	10x10	LAY-IN	YES	SEE NOTE 1
B	SUPPLY	TITUS	MCD	24x24	8x8	LAY-IN	YES	SEE NOTE 1
C	RETURN / RELIEF	TITUS	50F	24x12	22x11	LAY-IN	NO	
D	RETURN / EXHAUST	TITUS	50F	24x24	22x22	LAY-IN	NO	

NOTES: PROVIDE SQUARE-TO-ROUND TRANSITION AT NECK OF DIFFUSER FOR CONNECTIONS TO BRANCH DUCTS.

PLUMBING FIXTURE SCHEDULE

TAG	ITEM	DESCRIPTION	W	V	CW	HW
EWC-1		WATER COOLER	1-1/2"	1-1/2"	1/2"	--
FD-1		FLOOR DRAIN	2"	2"	--	--
L-1		LAVATORY WALL HUNG - IR	1-1/2"	1-1/2"	1/2"	1/2"
WC-1		WATER CLOSET (ADA ACCESSIBLE)	4"	2"	1"	--
WC-2		WATER CLOSET	4"	2"	1"	--
S-1		SINK	2"	1-1/2"	1/2"	--
HB-1		HOSE BIBB	--	--	1/2"	--

DRAWING INDEX

DWG.	DESCRIPTION
M0.01	MECHANICAL LEGEND, NOTES, ABBREVIATIONS, AND SCHEDULES
MD1.01	MECHANICAL DEMOLITION FLOOR PLAN
M1.00	MECHANICAL FOUNDATION PLAN
M1.01	MECHANICAL FLOOR PLAN
M2.01	ENLARGED MECHANICAL PLANS
M3.01	MECHANICAL SECTIONS, DETAILS, AND DIAGRAMS
M4.01	FIRE SPRINKLER PLAN - MAIN BUILDING

HEAT PUMP SCHEDULE

EQUIP NO.	MODEL NUMBER	NOMINAL HEATING CAP. (BTU/H)	COOLING EFFICEINCY SEER	HEATING HSPF @ 47°F	DESIGN COOLING TEMP DB (°F)	DESIGN HEATING OUTDOOR TEMP WB (°F)	COOLING TOTAL CAPACITY (BTU/H)	HEATING CAPACITY (BTU/h)	ELECTRICAL				NOTES / OPTIONS
									VOLTAGE / PHASE	MCA	RFS	MOCP	
HP-1	MITSUBISHI MXZ-3C30NAHZ4-U1	28,600	17	10.4	95.0	43.0	23,824.9	23,665.8	208/230V / 1-PHASE	31.5	40	40	
HP-2	MITSUBISHI MXZ-3C30NAHZ4-U1	28,600	17	10.4	95.0	43.0	23,824.9	23,665.8	208/230V / 1-PHASE	31.5	40	40	

FAN COIL UNIT UNIT SCHEDULE

EQUIP. NO.	AREA SERVED	ASSOCIATED OUTDOOR UNIT	MODEL	TYPE	NOMINAL COOLING CAP. (BTU/H)	NOMINAL HEATING CAP. (BTU/H)	COOLING DESIGN ENTERING TEMP. DB/WB (°F)	HEATING DESIGN ENTERING TEMP. DB/WB (°F)	CORRECTED CAPACITY			ESTIMATED COOLING COIL LAT (°F)	ESTIMATED HEATING COIL LAT (°F)	REFRIG. PIPE DIM. LIQUID / SUCTION (INCH)	FAN SPEED SETTING	PEAK FAN AIRFLOW (CFM)	VOLTAGE / PHASE	ELECTRICAL MCA/MFS	NOTES / OPTIONS
									COOLING TOTAL CAP. (BTU/H)	COOLING SENS. CAP. (BTU/H)	HEATING CAP. (BTU/H)								
FCU-1	CLASSROOM 8	HP-1	MITSUBISHI PLA-A18EA7R1.TH	CEILING-CASSETTE (FOUR-WAY)	12,000	12,000	80/67	70	11,791.5	11,791.5	11,799.1	61.4	88.2	1/4 / 1/2	HIGH	600	208/230V/1-PHASE	POWERED BY OUTDOOR	1
FCU-2	CLASSROOM 8	HP-1	MITSUBISHI PLA-A18EA7R1.TH	CEILING-CASSETTE (FOUR-WAY)	12,000	12,000	80/67	70	12,033.3	12,033.3	11,866.7	61.1	88.3	1/4 / 1/2	HIGH	600	208/230V/1-PHASE	POWERED BY OUTDOOR	1
FCU-3	CLASSROOM 7	HP-2	MITSUBISHI PLA-A18EA7R1.TH	CEILING-CASSETTE (FOUR-WAY)	12,000	12,000	80/67	70	11,791.5	11,791.5	11,799.1	61.4	88.2	1/4 / 1/2	HIGH	600	208/230V/1-PHASE	POWERED BY OUTDOOR	1
FCU-4	CLASSROOM 7	HP-2	MITSUBISHI PLA-A18EA7R1.TH	CEILING-CASSETTE (FOUR-WAY)	12,000	12,000	80/67	70	11,987.2	11,987.2	11,853.8	61.1	88.3	1/4 / 1/2	HIGH	600	208/230V/1-PHASE	POWERED BY OUTDOOR	1

NOTE 1: SEE SCHEMATIC PIPING CONTROL DIAGRAM FOR INDICATION OF REQUIRED INDOOR UNIT REMOTE CONTROLLERS, SYSTEM CONTROLLERS, AND INTEGRATION DEVICES.

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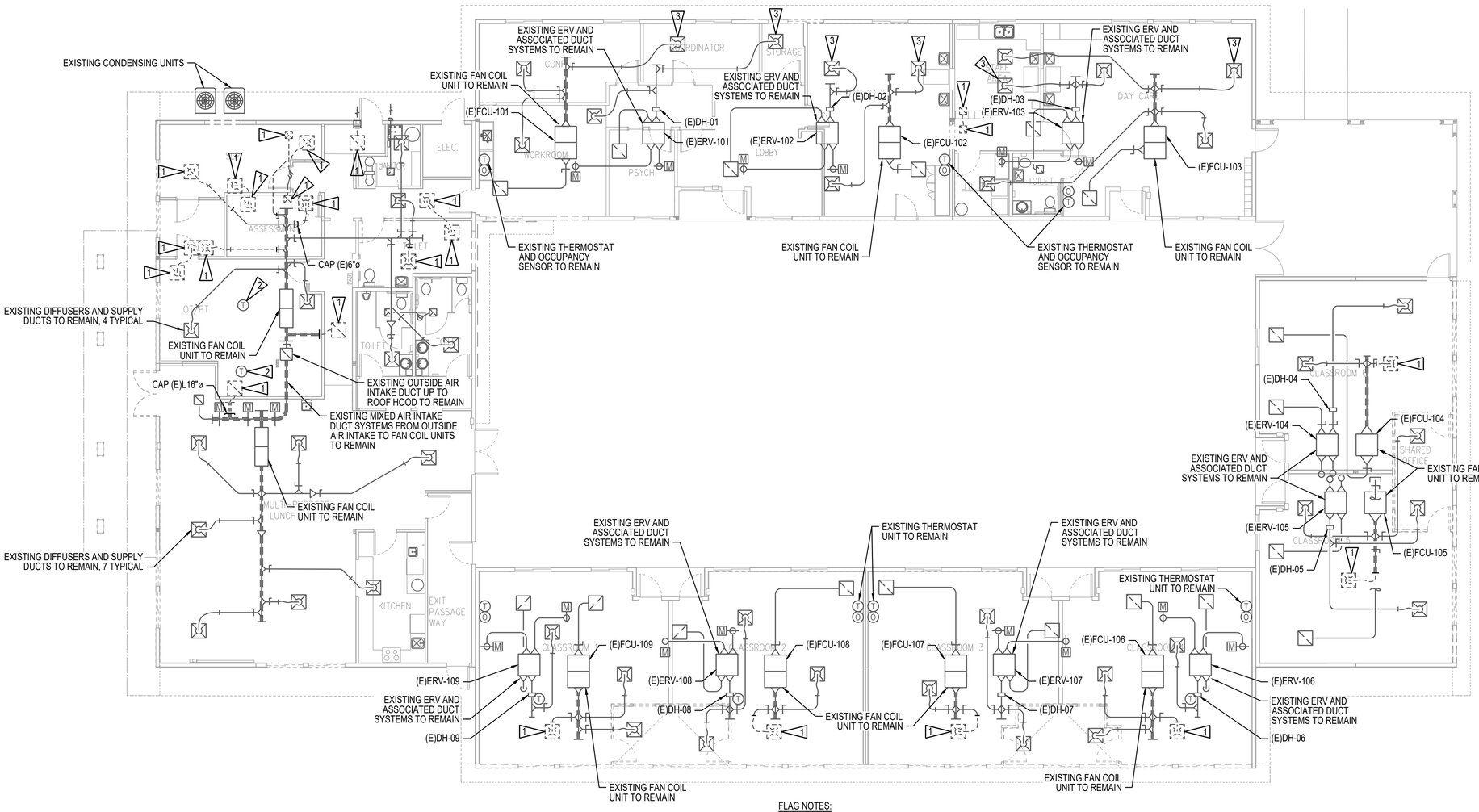
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MECHANICAL LEGEND, NOTES, ABBREVIATIONS, AND SCHEDULES
SCALES AS NOTED

M0.01

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FLAG NOTES:

1. DISCONNECT AND DEMO DIFFUSER/GRILLE.
2. DISCONNECT AND REMOVE THERMOSTAT FOR RELOCATION.
3. (E) GRILLES AND DIFFUSERS ASSOCIATED WITH THIS SYSTEM ARE TO REMAIN.

1 MD1.01 MECHANICAL DEMOLITION FLOOR PLAN

SCALE: 1/8" = 1'-0"

0 2 4 8 16 32 feet

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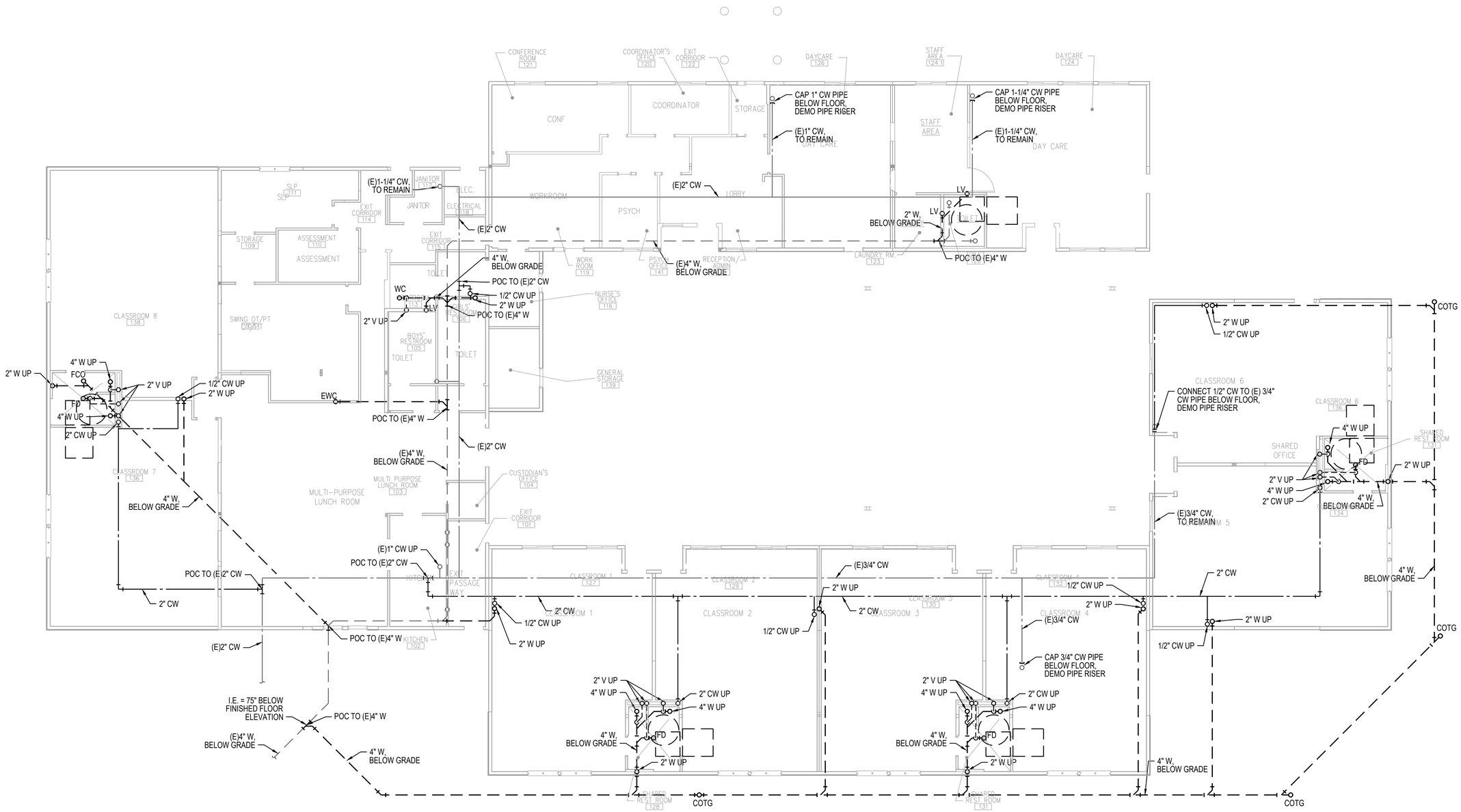
MECHANICAL DEMOLITION FLOOR PLAN

SCALES AS NOTED

MD1.01

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1 M1.00 MECHANICAL FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

0 2 4 8 16 32 feet

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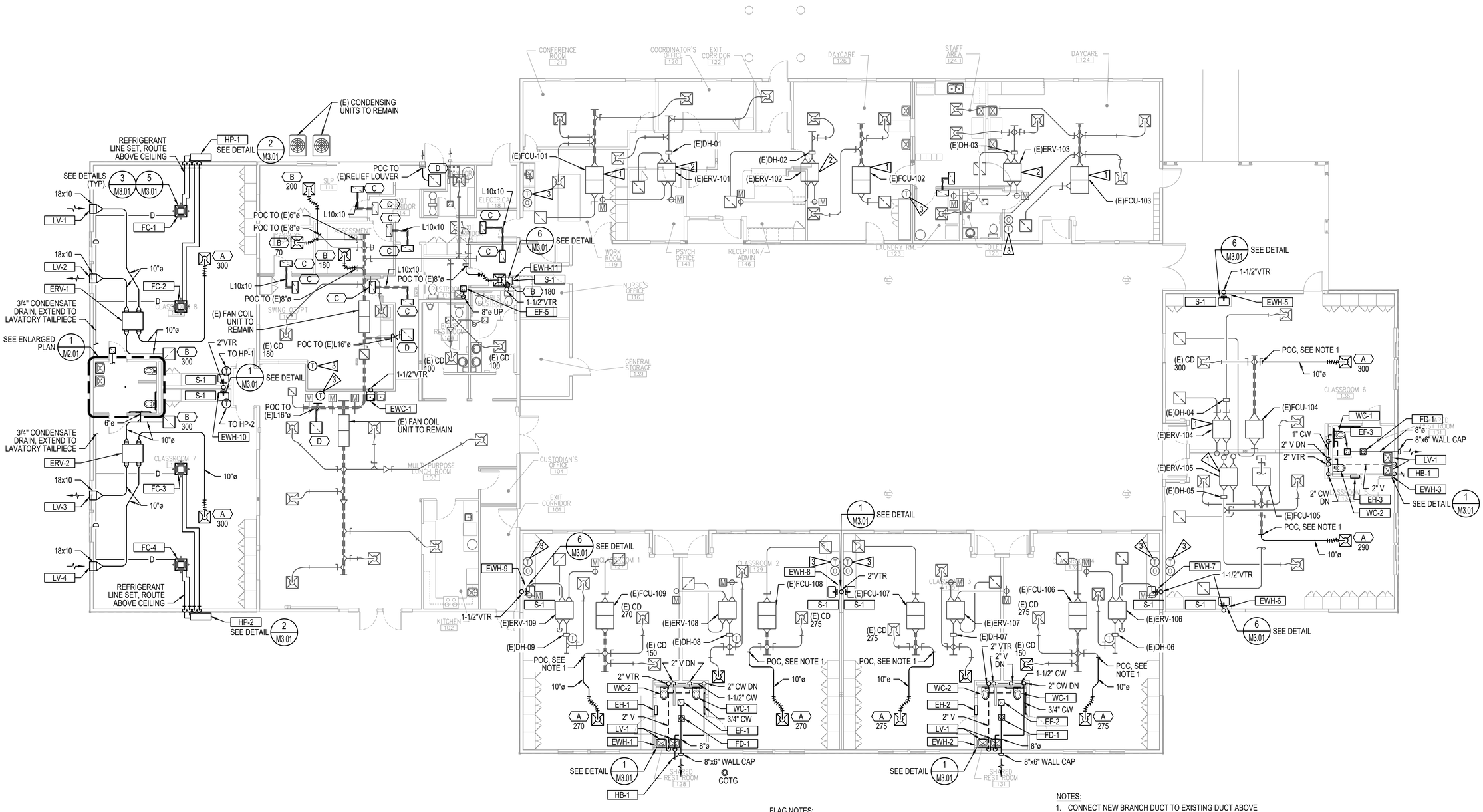
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MECHANICAL FOUNDATION PLAN

M1.00

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FLAG NOTES:

1. AIRFLOW QUANTITIES AT GRILLES CONNECTED TO THIS FAN COIL UNIT SHALL REMAIN THE SAME AS EXISTING CONDITIONS.
2. AIRFLOW QUANTITIES AT GRILLES CONNECTED TO THIS ERV SHALL REMAIN THE SAME AS EXISTING CONDITIONS.
3. EXISTING THERMOSTAT, OCCUPANCY SENSOR AND FAN COIL CONTROLS TO REMAIN.

NOTES:

1. CONNECT NEW BRANCH DUCT TO EXISTING DUCT ABOVE CEILING. VERIFY SIZE AND LOCATION OF EXISTING DUCT. BALANCE DIFFUSER TO CFM LISTED.

1/M1.01 MECHANICAL FLOOR PLAN

SCALE: 1/8" = 1'-0"

0 2 4 8 16 32 feet

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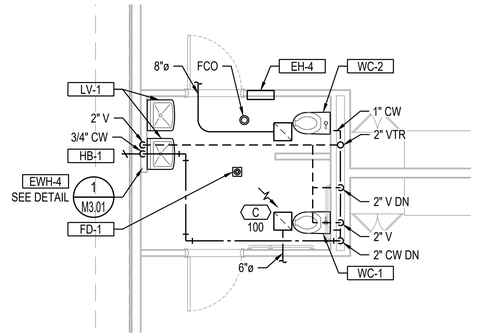
MECHANICAL FLOOR PLAN

SCALES AS NOTED

M1.01

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1 M2.01 ENLARGED FLOOR PLAN

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

0 1 2 4 8 16 feet

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ENLARGED MECHANICAL PLANS

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DIAGRAM SYMBOL LEGEND	
DISPLAY	DESCRIPTION
——//——	POWER WIRE
————	CONTROL WIRE
— — —	REF. PIPE

PIPING AND CONTROLS		
SYMBOL	BRANCH PIPE MODEL NAME	
J1	MAC-A454JP-E	
SYMBOL	LIQUID PIPE /	GAS PIPE SIZE
P1	1/4 /	1/2
SYMBOL	MODEL NUMBER	
MA	PAR-40MAAU	

This drawing is schematic in nature. Final routing of piping & wiring shall be determined by the installing contractor and/or designer of record

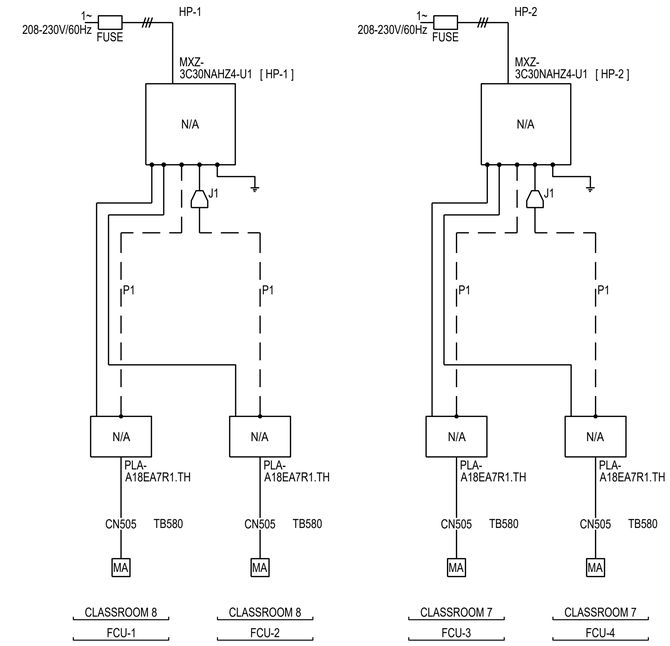
Additional refrigerant charge is needed depending on the size and length of extended piping. Please refer the amount of pre-charge and the formula of calculation which is mentioned on the data book.

1.25mm²(16 AWG) : 1.25mm²(16 AWG) or more.

0.75mm²(20 AWG) : between 0.5mm²(24 AWG) and 0.75mm²(20 AWG).

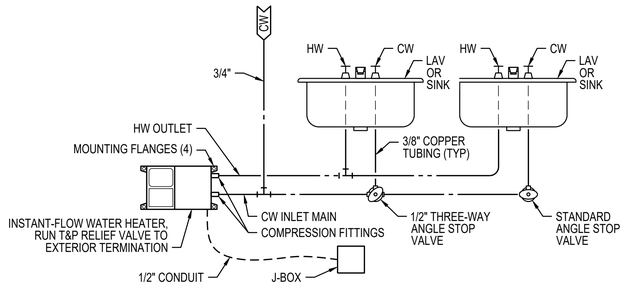
CODED NOTES:

NOTE 1: Install twinning Y's within 15 degrees of level and with 20 inches of straight pipe on converging connection - reference installation manual for additional details including but not limited to special trapping requirements when twinning, and pipe slope requirements.



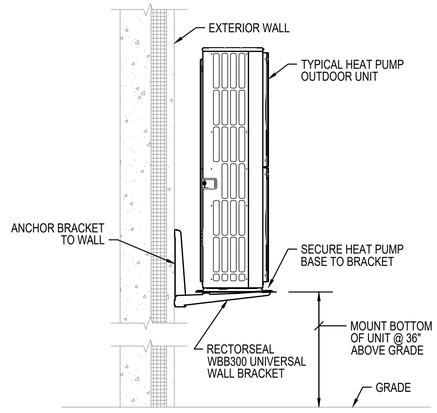
4 M3.01 HEAT PUMP REFRIGERANT DIAGRAMS

SCALE: NONE



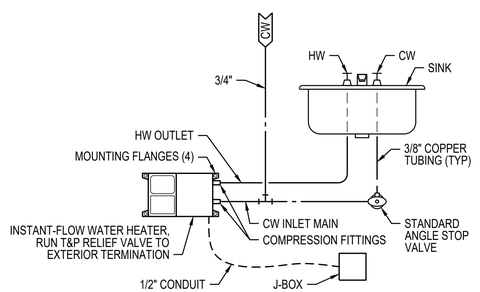
1 M3.01 POINT-OF-USE WATER HEATER DIAGRAM

SCALE: NONE



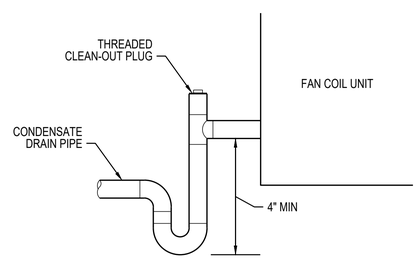
2 M-9 HEAT PUMP OUTDOOR UNIT MOUNTING DETAIL

SCALE: NONE



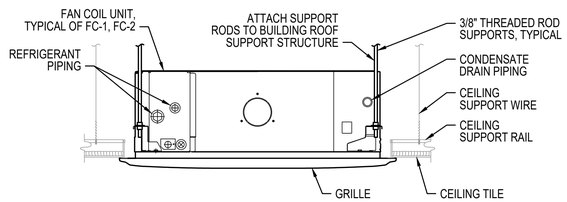
6 M3.01 POINT-OF-USE WATER HEATER DIAGRAM

SCALE: NONE



5 M3.01 CONDENSATE DRAIN TRAP DETAIL

SCALE: NOT TO SCALE



3 M3.01 FAN COIL UNIT DETAIL

SCALE: NONE

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MECHANICAL DETAILS AND DIAGRAMS

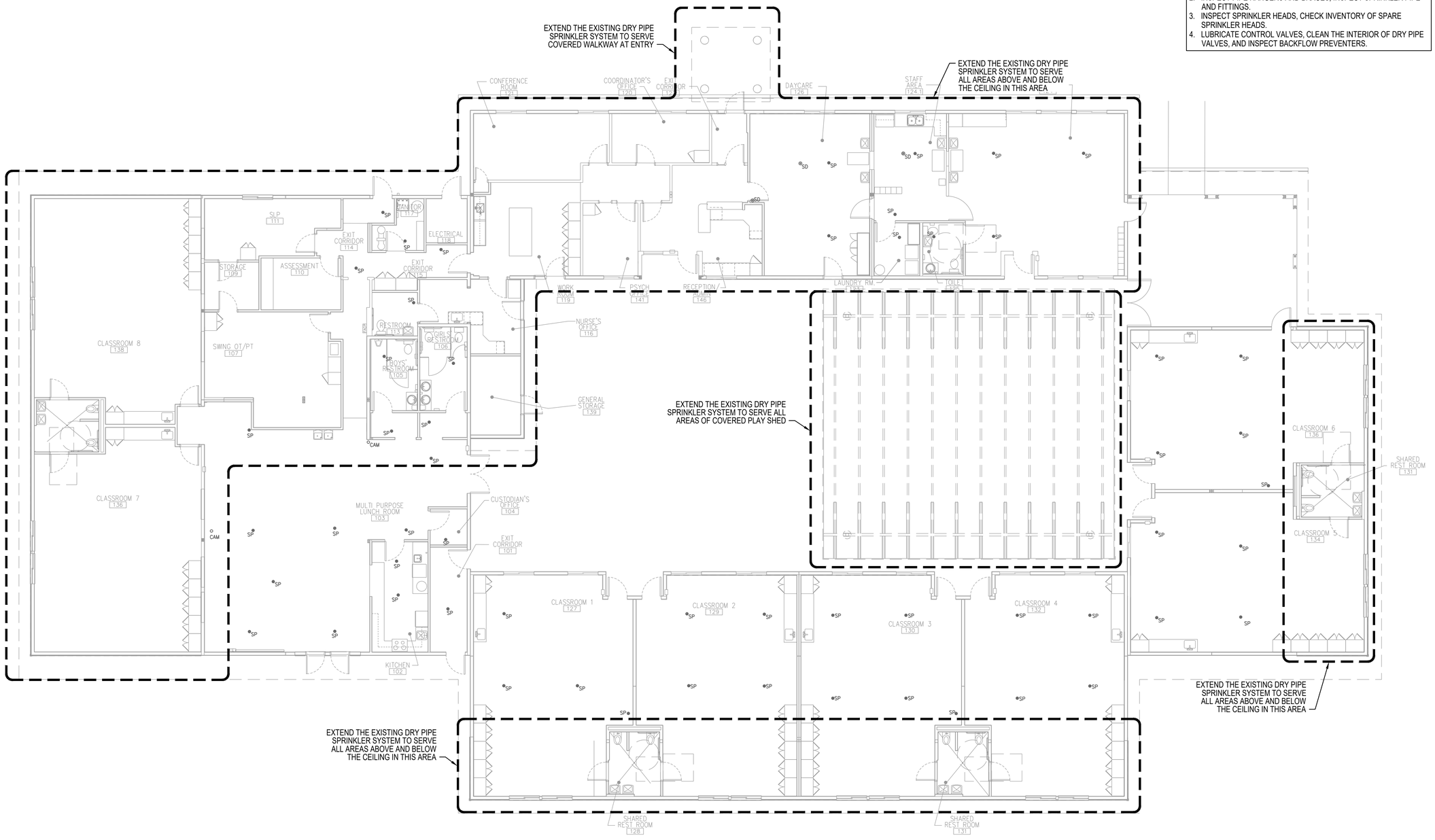
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M3.01

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NOTE: THE CONTRACTOR SHALL THE FOLLOWING ANNUALLY:
1. INSPECT ALARM DEVICES, INSPECT HYDRAULIC NAMEPLATE, CONDUCT MAIN DRAIN TEST, CONDUCT WATER FLOW ALARM TEST.
2. INSPECT PIPE HANGERS AND BRACES, INSPECT SPRINKLER PIPE AND FITTINGS.
3. INSPECT SPRINKLER HEADS, CHECK INVENTORY OF SPARE SPRINKLER HEADS.
4. LUBRICATE CONTROL VALVES, CLEAN THE INTERIOR OF DRY PIPE VALVES, AND INSPECT BACKFLOW PREVENTERS.



1 M4.01 FIRE SPRINKLER PLAN - MAIN BUILDING

SCALE: 1/8" = 1'-0"

0 2 4 8 16 32 feet

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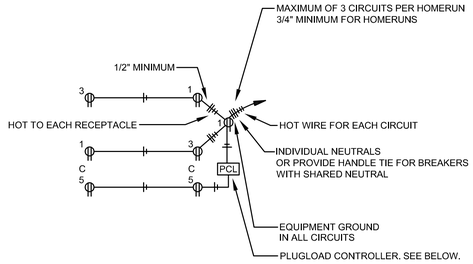
FIRE SPRINKLER PLAN - MAIN BUILDING

SCALES AS NOTED

M4.01

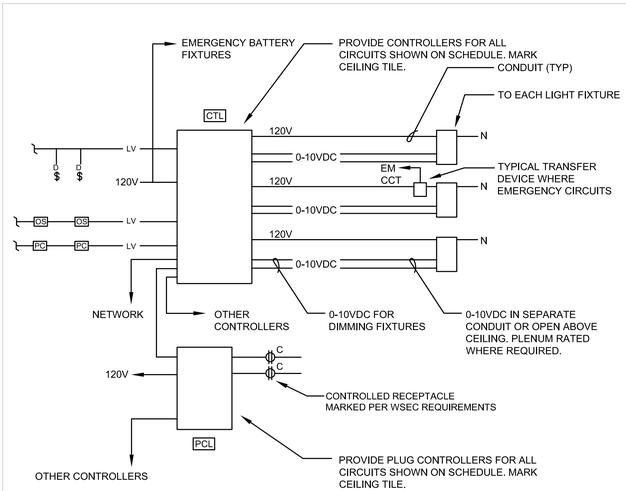
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ORIGINAL DOCUMENT SIZE 24" X 36"



TYPICAL RECEPTACLE CIRCUITING DETAIL

SCALE: NONE



TYPICAL LIGHTING CONTROL DETAIL

SCALE: NONE

LEGEND

- CONDUIT CONCEALED IN CEILING OR WALLS
- CONDUIT CONCEALED UNDERGROUND, UNDER FLOOR, OR IN WALL
- HOME RUN TO DESTINATION INDICATED. 3/4" MINIMUM UNLESS NOTED OTHERWISE.
- RECESSED LIGHT FIXTURE
- SURFACE OR PENDANT MOUNTED FLUORESCENT FIXTURE
- RECESSED DOWNLIGHT
- SURFACE OR PENDANT LIGHT FIXTURE
- WALL MOUNTED FIXTURE
- FIXTURE WITH EMERGENCY BATTERY
- EXIT SIGN LIGHT FIXTURE TYPE X, EXCEPT AS NOTED
- $ WALL SWITCH
- 3 $ WALL SWITCH, 3-WAY
- D $ DIGITAL SWITCH
- DK $ DIGITAL SWITCH, KEYED
- OS $ WALL SWITCH WITH INTEGRAL OCCUPANCY SENSOR
- OS OCCUPANCY SENSOR
- OS OCCUPANCY SENSOR WALL MOUNT
- PC PHOTO CELL
- PC PHOTO CELL WALL MOUNT
- PLC PLUG LOAD CONTROLLER
- CTL LIGHTING CONTROLLER
- XXX XXXX LIGHTING FIXTURE TYPE DESIGNATOR, SEE LIGHT FIXTURE SCHEDULE
- DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE ABOVE COUNTER
- DOUBLE DUPLEX RECEPTACLE
- C DOUBLE DUPLEX RECEPTACLE, CONTROLLED ONE-SIDE
- GFI DUPLEX RECEPTACLE GFI TYPE
- C CONTROLLED SPLIT-WIRED RECEPTACLE
- WP WEATHERPROOF DUPLEX RECEPTACLE (GFI TYPE)
- 1Ø SPECIAL RECEPTACLE AS NOTED
- 3Ø SPECIAL RECEPTACLE AS NOTED
- R RANGE RECEPTACLE
- D DRYER OUTLET
- A ADA DOOR ACTUATOR
- PS ADA PUSHBUTTON SWITCH, OR POWER SUPPLY
- EQUIPMENT CONNECTION
- MOTOR CONNECTION
- DISCONNECT SWITCH
- FUSED DISCONNECT SWITCH
- MANUAL MOTOR STARTER
- MAGNETIC MOTOR STARTER
- COMBINATION STARTER
- JUNCTION BOX
- F FIRE ALARM PULL STATION
- FIRE ALARM SPEAKER WITH ADA STROBE
- FIRE ALARM ADA STROBE WALL MOUNTED
- FIRE ALARM ADA STROBE
- S SMOKE DETECTOR/SENSOR
- CO CARBON MONOXIDE DETECTOR
- 2-PORT DATA OUTLET
- WAP SINGLE PORT DATA OUTLET FOR WIRELESS ACCESS POINT
- REQ REQUEST TO EXIT
- CR CARD READER ROUGH IN ONLY
- DS DOOR SWITCH
- MS MOTION SENSOR
- MS MOTION SENSOR WALL MOUNT
- EL ELECTRIC LOCK
- EXIST DEVICE/FIXTURE AS INDICATED
- EXIST DEVICE/FIXTURE AS INDICATED TO BE REMOVED
- CIRCUIT BREAKER
- TRANSFORMER
- GROUNDING PER CODES
- 208V OR 240V PANEL
- LVR
- 480V PANEL
- T TRANSFORMER
- FOIC FURNISHED BY OWNER INSTALLED BY CONTRACTOR
- FOIO FURNISHED BY OWNER INSTALLED BY OWNER
- GFI GROUND FAULT CIRCUIT INTERRUPTER
- WP WEATHERPROOF
- A/B DETAIL INDICATOR WITH SHEET WHERE DRAWN INDICATED
- SECTION INDICATOR
- XXXX AVAILABLE FAULT CURRENT AS INDICATED
- 1 FLAG NOTE

TFWB ENGINEERS INC
Travis Fitzmaurice Wartelle
Balangue Engineers Inc.
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CHECKED BY: K.W.
APPROVED BY: K.W.

PROJECT NAME
EARLY CHILDHOOD CENTER
AT TWO RIVERS SCHOOL

PROJECT ADDRESS
SNOQUALMIE VALLEY SCHOOL DISTRICT
8001 SILVA AVE SE/PO BOX 400
SNOQUALMIE, WA 98065

PROJECT NO.
1919
ISSUE DATE
10-31-2024
CURRENT REVISION
BID SET
DRAWING PLOT DATE

REVISION	DATE
BID SET	10/31/24

LEGEND

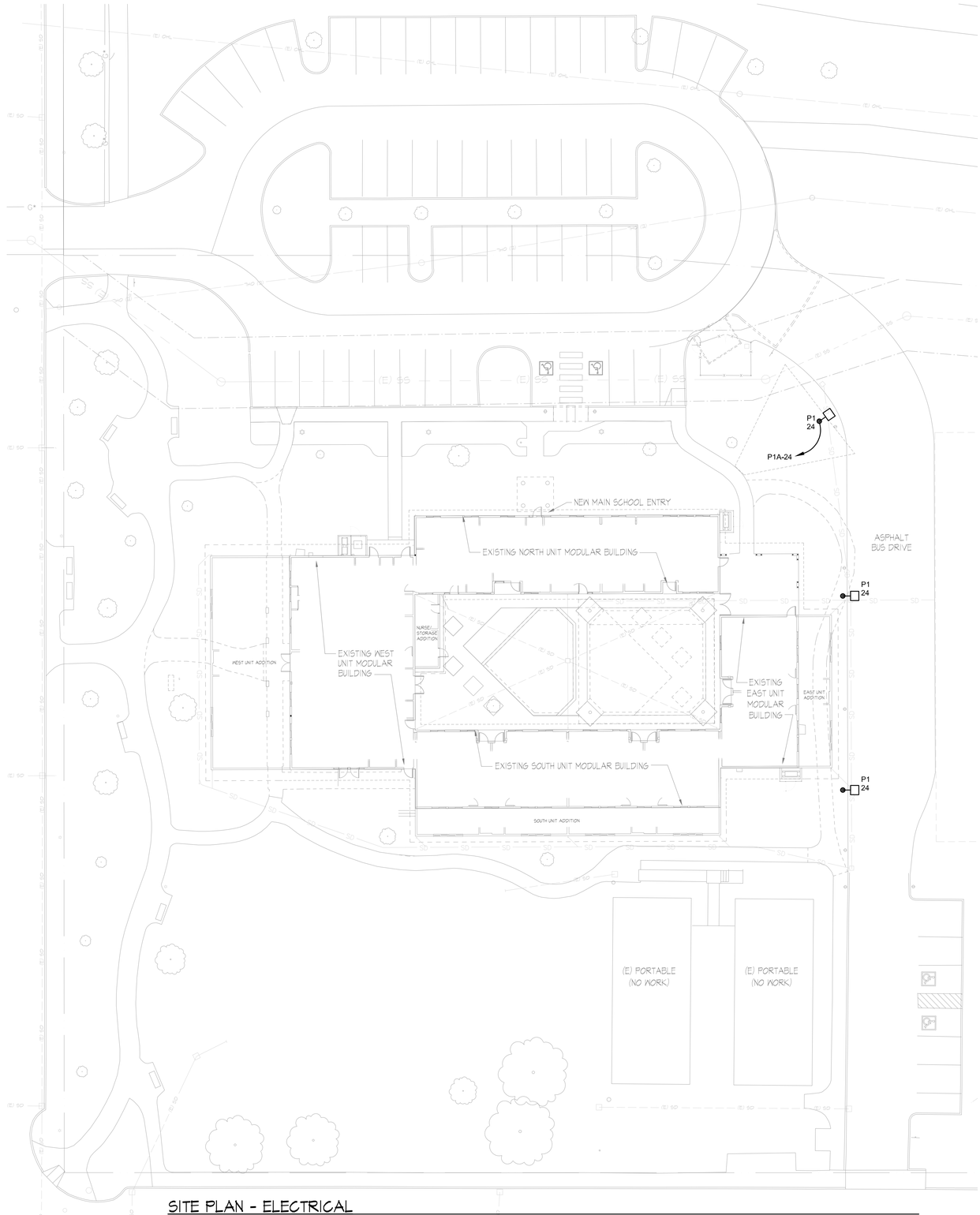
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ORIGINAL DOCUMENT SIZE 24" X 36"



SITE PLAN - ELECTRICAL
1" = 20'-0"

SHEET NOTES:

1. PROVIDE ASTRONOMIC TIMECLOCK FOR CONTROL OF EXTERIOR POLE LIGHTS.

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SITE PLAN - ELECTRICAL

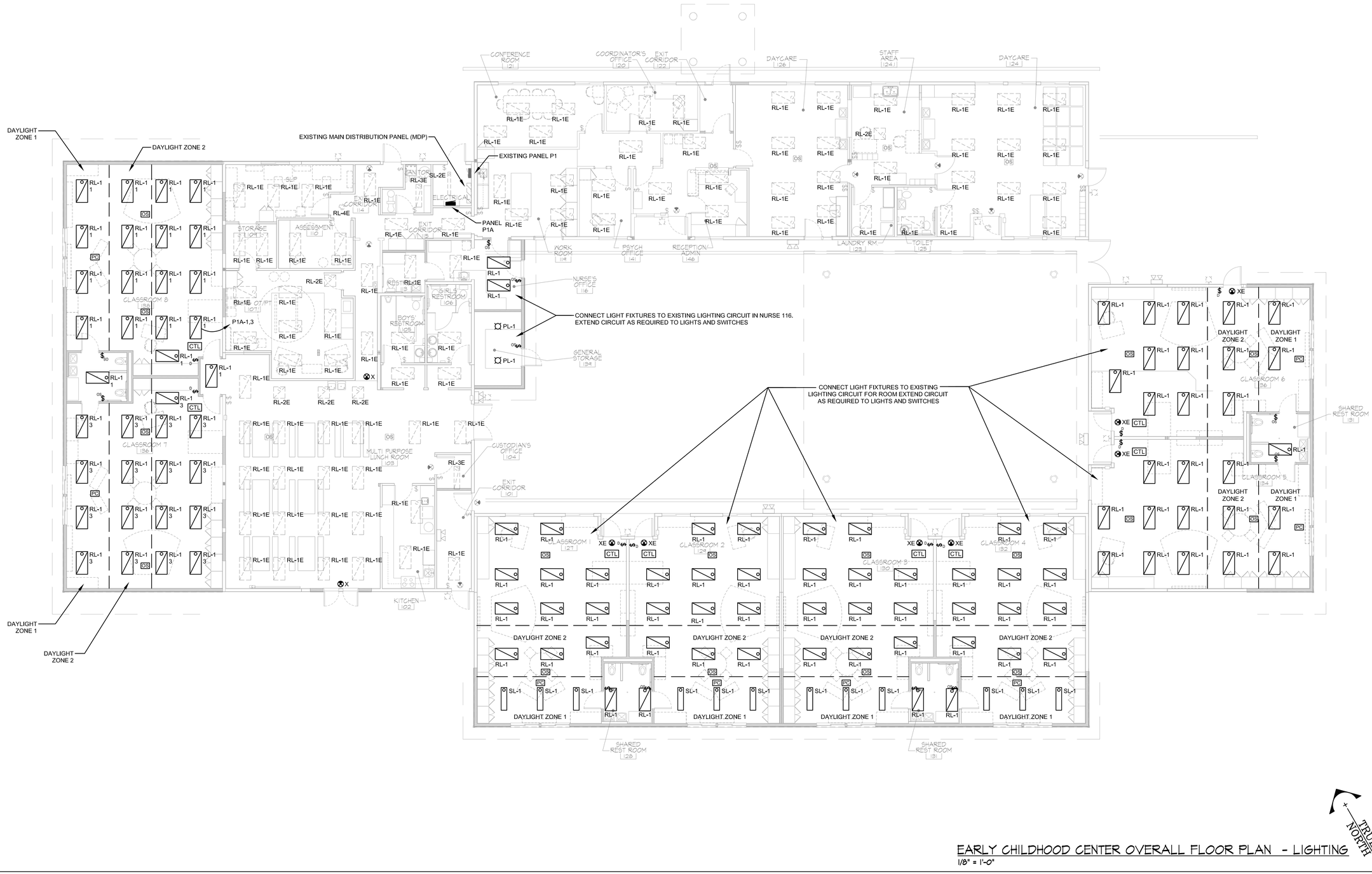
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EARLY CHILDHOOD CENTER OVERALL FLOOR PLAN - LIGHTING

1/8" = 1'-0"

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FLOOR PLAN / AREA OF WORK - LIGHTING

SCALES AS NOTED

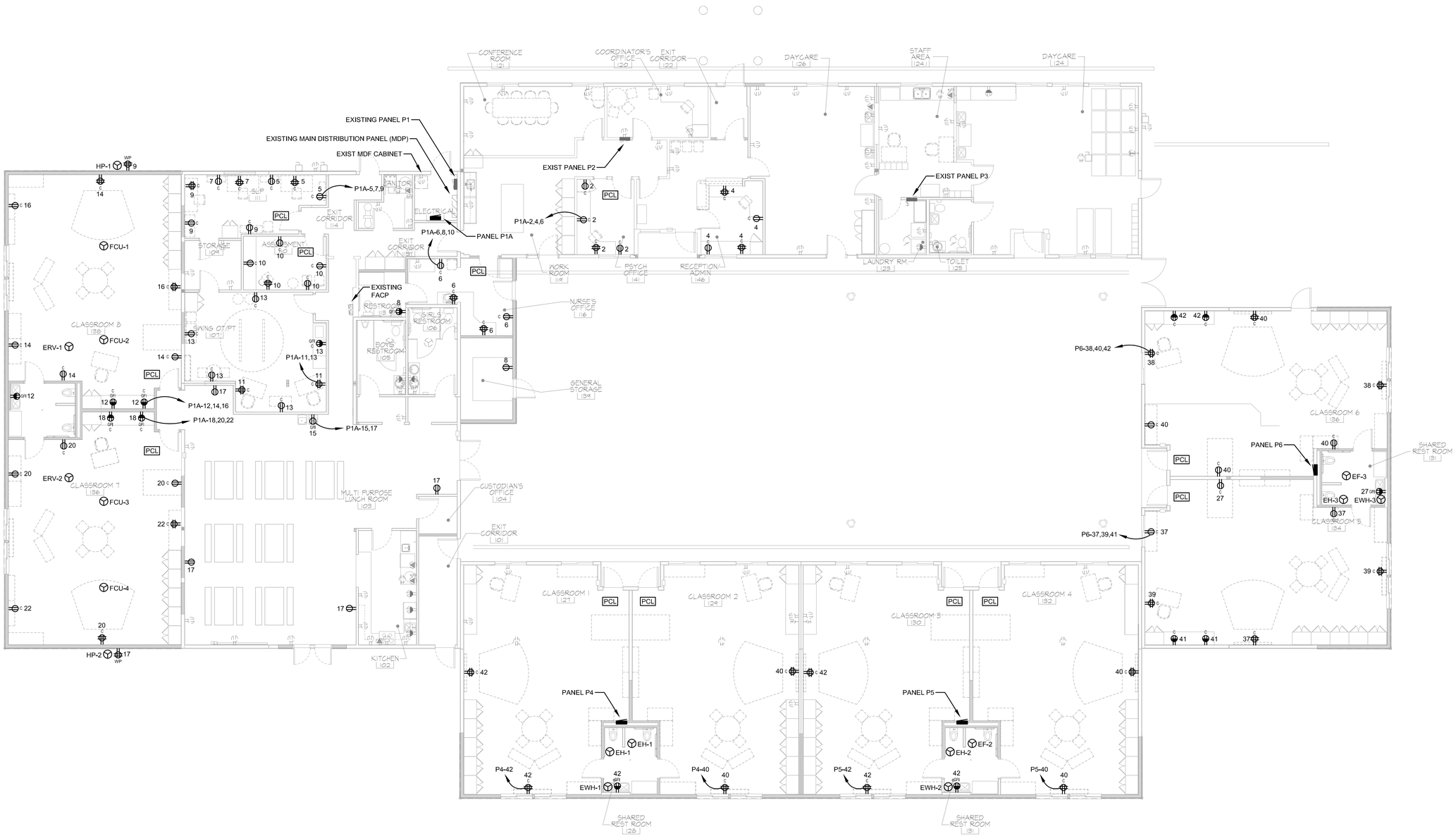
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SHEET NOTES:

1. ALL RECEPTACLES IN CLASSROOMS SHALL BE TAMPER RESISTANT TYPE.



EARLY CHILDHOOD CENTER OVERALL FLOOR PLAN - ELECTRICAL

1/8" = 1'-0"

TRUE NORTH

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PROJECT NO. 1919
ISSUE DATE 10-31-2024
CURRENT REVISION BID SET
DRAWING PLOT DATE

REVISION	DATE
BID SET	10/31/24

FLOOR PLAN / AREA OF WORK - POWER

SCALES AS NOTED

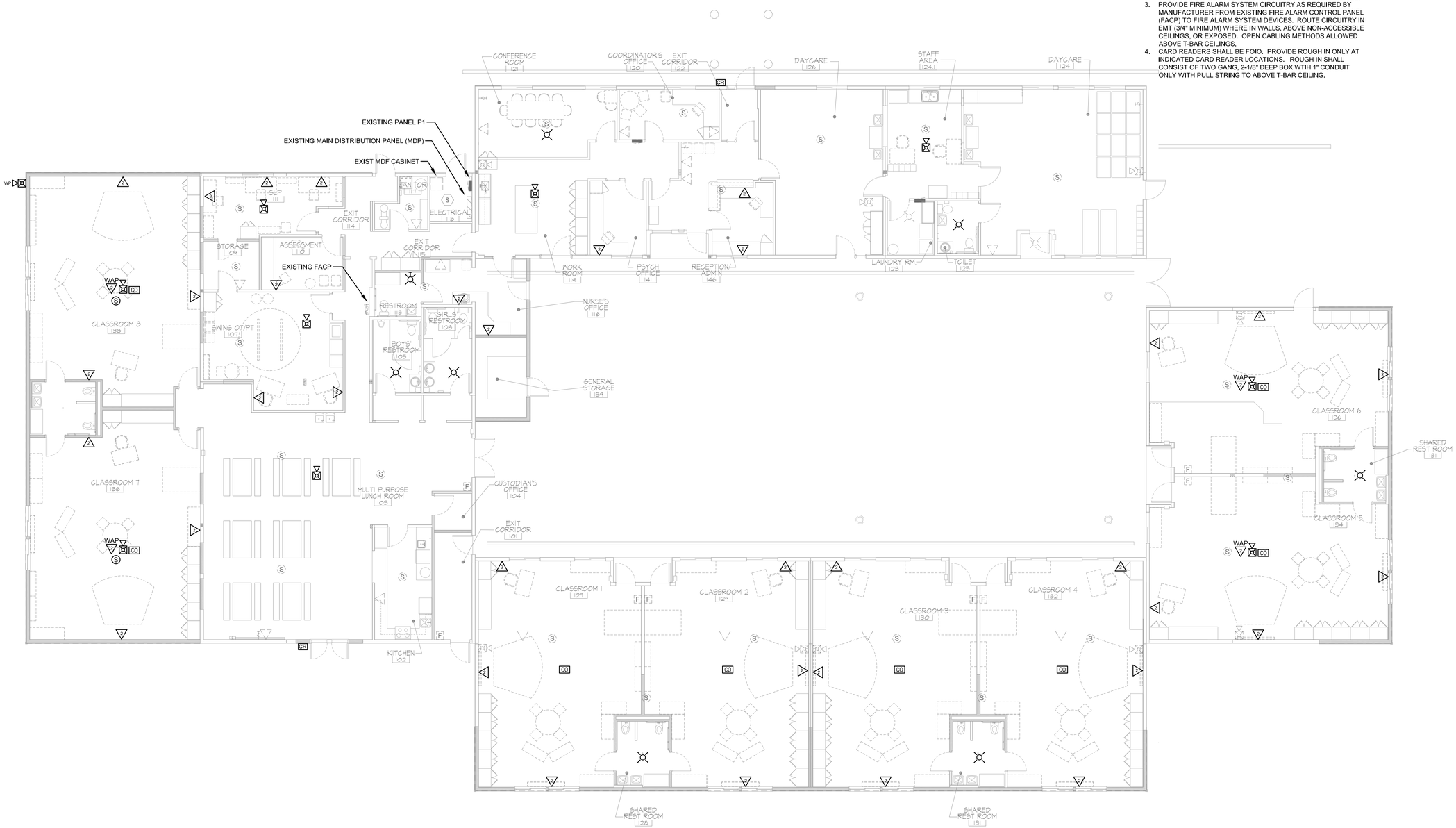
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SHEET NOTES:

1. HOMERUN DATA CABLES TO EXISTING MDF AND TERMINATE ON RACK MOUNTED PATCH PANELS. PROVIDE ONE 48-PORT PATCH PANEL FOR TERMINATION OF CABLES. CABLES SHALL ROUTE IN EMT (1" MINIMUM) WHERE IN WALLS, ABOVE NON-ACCESSIBLE CEILINGS OR EXPOSED. OPEN CABLING METHODS ALLOWED WHERE ABOVE T-BAR CEILINGS.
2. PROVIDE CABLING AS REQUIRED BY MANUFACTURER FROM EXISTING INTERCOM HEADEND TO EACH INTERCOM SPEAKER. CABLES SHALL ROUTE IN EMT (3/4" MINIMUM WHERE IN WALLS, ABOVE NON-ACCESSIBLE CEILINGS OR EXPOSED. OPEN CABLING METHODS ALLOWED WHERE ABOVE T-BAR CEILINGS.
3. PROVIDE FIRE ALARM SYSTEM CIRCUITRY AS REQUIRED BY MANUFACTURER FROM EXISTING FIRE ALARM CONTROL PANEL (FACP) TO FIRE ALARM SYSTEM DEVICES. ROUTE CIRCUITRY IN EMT (3/4" MINIMUM) WHERE IN WALLS, ABOVE NON-ACCESSIBLE CEILINGS, OR EXPOSED. OPEN CABLING METHODS ALLOWED ABOVE T-BAR CEILINGS.
4. CARD READERS SHALL BE FOIO. PROVIDE ROUGH IN ONLY AT INDICATED CARD READER LOCATIONS. ROUGH IN SHALL CONSIST OF TWO GANG, 2-1/8" DEEP BOX WTIH 1" CONDUIT ONLY WITH PULL STRING TO ABOVE T-BAR CEILING.



EARLY CHILDHOOD CENTER OVERALL FLOOR PLAN - ELECTRICAL

1/8" = 1'-0"

TRUE NORTH

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FLOOR PLAN / AREA OF WORK - COMM, ESS

SCALES AS NOTED

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PANEL P1A — VOLTS 208 /120 3 PHASE, 4 WIRE, WYE
LOCATION ELEC 118 — AMPS 200
MOUNTING SURFACE — MAIN LUGS
AIC 10,000 — GROUND BUS
FED FROM MDP — PROVIDE SURGE PROTECTOR

CCT NO.	CCT BRKR	DESCRIPTION	LOAD KVA	CCT NO.	CCT BRKR	DESCRIPTION	LOAD KVA
1	20/1	LIGHTS	0.94	2	20/1	RECEPTS	0.90
3	20/1	LIGHTS	0.87	4	20/1	RECEPTS	1.08
5	20/1	RECEPTS	0.72	6	20/1	RECEPTS	1.08
7	20/1	RECEPTS	0.54	8	20/1	RECEPTS	0.36
9	20/1	RECEPTS	0.90	10	20/1	RECEPTS	1.08
11	20/1	RECEPTS	0.72	12	20/1	RECEPTS	0.54
13	20/1	RECEPTS	0.90	14	20/1	RECEPTS	0.90
15	20/1	DRINK FOUNTAIN	0.50	16	20/1	RECEPTS	0.54
17	20/1	RECEPTS	0.90	18	20/1	RECEPTS	0.36
19	20/1	RECEPTS	0.36	20	20/1	RECEPTS	0.90
21	20/1	RECEPTS	0.36	22	20/1	RECEPTS	0.54
23	20/1	RECEPTS	0.36	24	20/1	EXTERIOR LIGHTS	0.28
25	20/1	RECEPTS	0.36	26	20/1	SPARE	0.00
27	40/2	HP-1	5.24	28	20/1	SPARE	0.00
29	|			30	20/1	SPARE	0.00
31	40/2	HP-2	5.24	32	20/1	SPARE	0.00
33	|			34	20/1	SPACE ONLY	
35	20/1	SPARE	0.00	36	20/1	SPACE ONLY	
37	20/1	SPARE	0.00	38	20/1	SPACE ONLY	
39	20/1	SPARE	0.00	40	20/1	SPACE ONLY	
41	20/1	SPARE	0.00	42	20/1	SPACE ONLY	
43	20/1	SPARE	0.00	44	20/1	SPACE ONLY	
45	20/1	SPACE ONLY		46	20/1	SPACE ONLY	
47	20/1	SPACE ONLY		48	20/1	SPACE ONLY	
49	20/1	SPACE ONLY		50	20/1	SPACE ONLY	
51	20/1	SPACE ONLY		52	20/1	SPACE ONLY	
53	20/1	SPACE ONLY		54	20/1	SPACE ONLY	
55	125/3	EXIST PANEL P1	23.10	56	30/3	SURGE PROTECT	0.00
57	|			58	|		
59	|			60	|		

CONNECTED LOAD	KVA	DEMAND FACTOR	DEMAND LOAD KVA	DEMAND LOAD AMPS
LIGHTS	2.09	125%	2.61	7.26
RECEPTACLES	18.00	100%	18.00	49.96
HEATING	10.00	100%	10.00	27.76
LARGEST MOTOR	5.24	125%	6.55	18.18
OTHER MOTORS	12.74	100%	12.74	35.36
MISCELLANEOUS	2.50	100%	2.50	6.94
KITCH. APPLIANCES	0.00	100%	0.00	0.00
	50.57		52.40	145.46

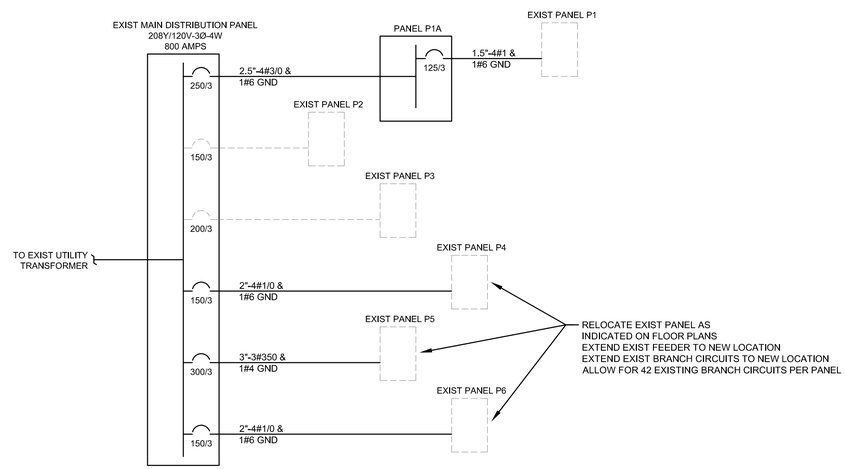
LIGHTING FIXTURE SCHEDULE

TYPE	LAMPS	CONTROL	MANUFACTURER	DESCRIPTION
P1	LED 94 W 3500K	TIMECLOCK	LSI MIRADA MEDIUM MRM-LED-12L-3-UNV-DIM-HSS LITHONIA DSX1-P4-30C-40K-T3M	SINGLE HEAD POLE FIXTURE WITH TYPE 3 DISTRIBUTION AND FULL CUTOFF OPTICS WITH HOUSESIDE SHIELD. RATED AT 14,488 LUMENS WITH EFFICACY OF 108 LUMENS PER WATTS. UL WET LABEL, -20F DRIVER, IP66. 20-FOOT HIGH 5 INCH SQUARE ALUMINUM POLE. PROVIDE UTILITY VAULT #24R-8-LB PRECAST POLE BASE WITH 24" ABOVE GRADE.
PL-1	LED 34 W 3500K	0-10VDC	PINNACLE F14D	14" DIAMETER WITH FLUSH SATINE LENS. PENDANT MOUNTED WITH AIRCRAFT CABLES.
RL-1			EXISTING	EXISTING 2'X4' RECESSED TROFFER. REMOVE FIXTURE PER LIGHTING DEMO PLAN. REINSTALL PER LIGHTING PLAN.
RL-1E			EXISTING	EXISTING 2'X4' RECESSED TROFFER TO REMAIN.
RL-2E			EXISTING	EXISTING 2'X2' RECESSED TROFFER TO REMAIN.
RL-3E			EXISTING	EXISTING 1'X4' RECESSED TROFFER TO REMAIN.
RL-4E			EXISTING	EXISTING RECESSED DOWNLIGHT TO REMAIN.
SL-1	LED 34 W 3500K	0-10VDC	PINNACLE EX6	6" WIDE BY 4' LONG SURFACE MOUNT WITH SATINE LENS. 0-10V DIMMING.
SL-2E			EXISTING	EXISTING 4' SURFACE MOUNT TO REMAIN
X	LED 2.2 W		DUAL LITE LE SERIES	EDGE-LIT LED EXIT SIGN WITH WITH SELF DIAGNOSTICS, BATTERY BACKUP, AND ALL MOUNTING ACCESSORIES. PROVIDE ARROWS AND FACES AS SHOWN ON DRAWINGS. PROVIDE GREEN LETTER COLOR. 120 VOLT.
XE			EXISTING	EXISTING EXIT SIGN. REMOVE AS REQUIRED TO FACILITATE CEILING WORK. REINSTALL WHERE SHOWN.

ALL COLORS, FINISHES, ETC. ARE BY ARCHITECT
FROM MANUFACTURER'S STANDARD OPTIONS

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

UNIT	LOCATION	VOLTAGE/PHASE	HP	KVA/KW	FLA	MCA	MOCP	DISCONNECT/STARTER COMPONENT	CONDUIT AND WIRE SIZE	PANEL	CIRCUIT #	NOTES
HEAT PUMP SCHEDULE												
HP-1	EXTERIOR	208/1				31.5	40	WP FUSED DISCONNECT	3/4"-3#8&1#10 GND	P1A	27,29	
HP-2	EXTERIOR	208/1				31.5	40	WP FUSED DISCONNECT	3/4"-3#8&1#10 GND	P1A	31,33	
FAN COIL UNIT												
FCU-1	CLASSROOM 8	208/1						MOTOR RATED SWITCH	1/2"-3#12&1#12 GND	P1A	27,29	POWERED FROM HP-1
FCU-2	CLASSROOM 8	208/1						MOTOR RATED SWITCH	1/2"-3#12&1#12 GND	P1A	27,29	POWERED FROM HP-1
FCU-3	CLASSROOM 7	208/1						MOTOR RATED SWITCH	1/2"-3#12&1#12 GND	P1A	31,33	POWERED FROM HP-2
FCU-4	CLASSROOM 7	208/1						MOTOR RATED SWITCH	1/2"-3#12&1#12 GND	P1A	31,33	POWERED FROM HP-2
ERV												
ERV-1	RESTROOM 128	120/1						MOTOR RATED SWITCH	1/2"-2#12&1#12 GND	P4	39	
ERV-2	RESTROOM 131	120/1						MOTOR RATED SWITCH	1/2"-2#12&1#12 GND	P5	39	
ERV-3	RESTROOM 135	120/1						MOTOR RATED SWITCH	1/2"-2#12&1#12 GND	P6		
ELECTRIC HEATERS												
EH-1	RESTROOM 128	120/1						MOTOR RATED SWITCH	1/2"-2#12&1#12 GND	P4	41	
EH-2	RESTROOM 131	120/1						MOTOR RATED SWITCH	1/2"-2#12&1#12 GND	P5	41	
EH-2	RESTROOM 135	120/1						MOTOR RATED SWITCH	1/2"-2#12&1#12 GND	P6		
EXHAUST FANS												
EF-1	RESTROOM 128	120/1						WALL SWITCH	1/2"-2#12&1#12 GND	P4	42	
EF-2	RESTROOM 131	120/1						WALL SWITCH	1/2"-2#12&1#12 GND	P5	42	
EF-3	RESTROOM 135	120/1						WALL SWITCH	1/2"-2#12&1#12 GND	P6	37	



ONE LINE DIAGRAM
NTS

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ONE LINE DIAGRAM, SCHEDULES

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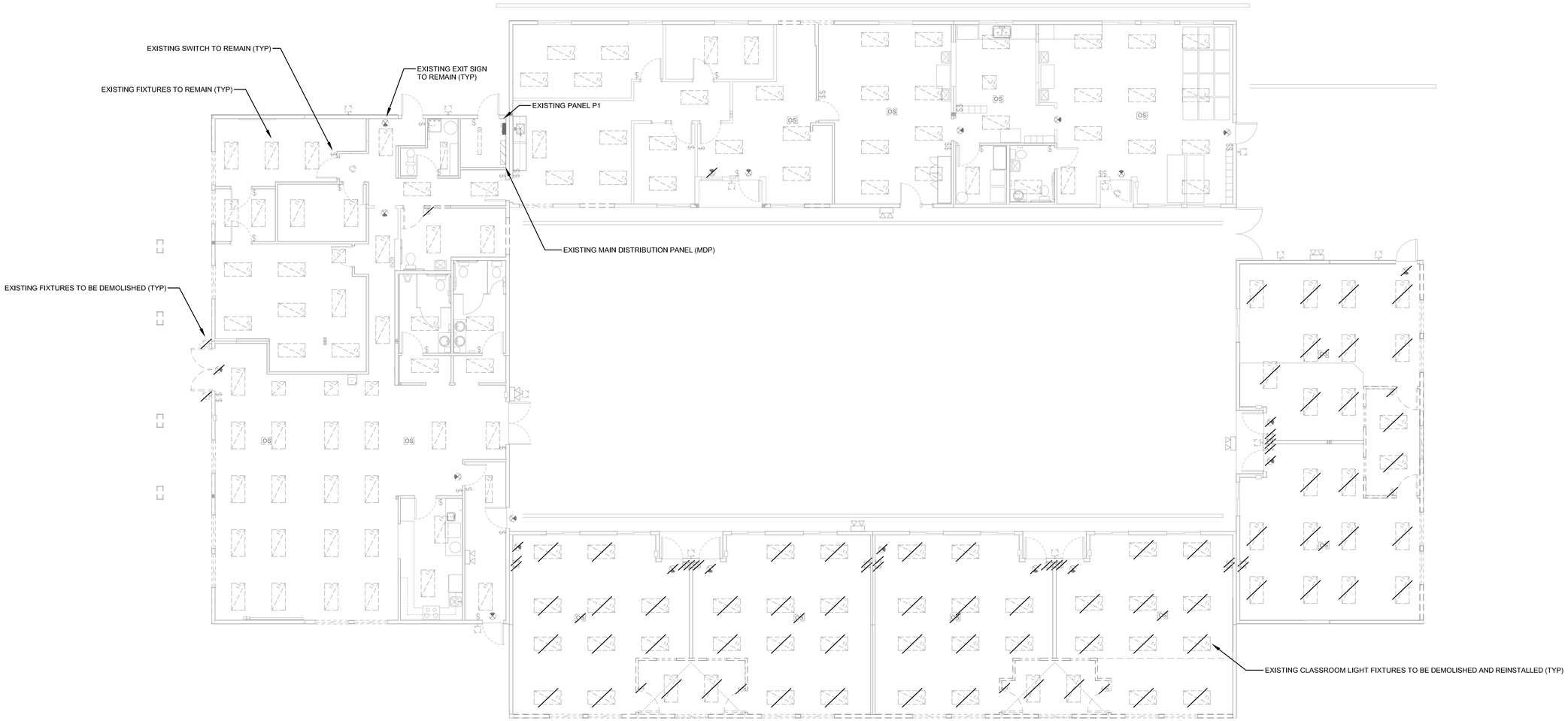
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SHEET NOTES:

1. REMOVE EXISTING LIGHT FIXTURES AS INDICATED. SAVE AND PROTECT REMOVED LIGHT FIXTURES FOR REINSTALLATION WHERE INDICATED ON LIGHTING PLANS.
2. LIGHT FIXTURES REMOVED BUT NOT RE-INSTALLED SHALL BECOME PROPERTY OF CONTRACTOR AND SHALL BE REMOVED FROM SITE.
3. SAVE AND PROTECT EXISTING CIRCUITRY FOR CONNECTION TO RE-INSTALLED LIGHT FIXTURES. ANY CIRCUITRY NOT RE-USED SHALL BE REMOVED.



EARLY CHILDHOOD CENTER OVERALL DEMO PLAN - LIGHTING
1/8" = 1'-0"

TRUE NORTH
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DEMO PLAN - LIGHTING

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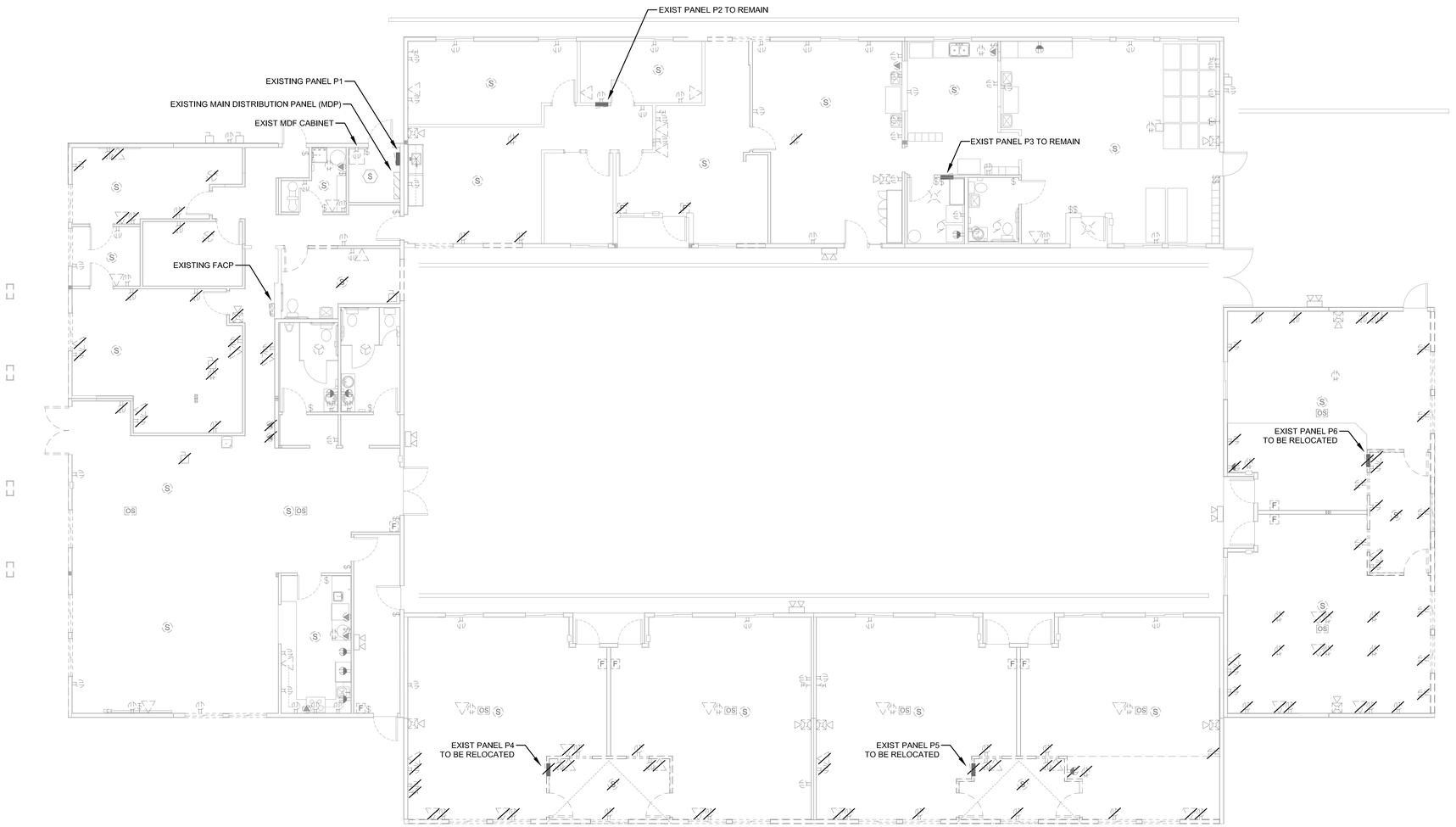
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SHEET NOTES:

1. REMOVE DEVICES AND OUTLETS AS INDICATED ALONG WITH ASSOCIATED CIRCUITRY AND CABLING.
2. REMOVE EXISTING RACEWAYS FOR REMOVED DEVICES WHERE EXPOSED. RACEWAYS SHALL BE ABANDONED IN PLACE WHERE CONCEALED IN WALLS OR ABOVE CEILINGS.
3. MAINTAIN CONTINUITY OF EXISTING CIRCUITS TO DOWNSTREAM OUTLETS AND DEVICES.



EARLY CHILDHOOD CENTER OVERALL DEMO PLAN - ELECTRICAL

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