A D D E N D U M N U M B E R TWO

March 1, 2019

To all bidders of record for the work titled:

Madison School District #321
Lincoln Elementary
2018 Gym and Parking Lot Addition

Project Number: 736

Please notify everyone concerned, including suppliers as to the issuance and contents of this Addendum prior to the date of bid opening. This Addendum is a part of the contract documents and modifies them as follows:

This Addendum consists of 5 pages(s) including attached drawing(s).

I. GENERAL

N/A

II. SPECIFICATIONS

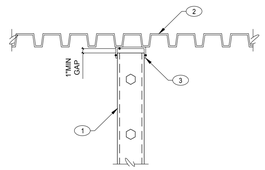
N/A

III. DRAWINGS

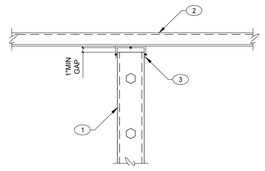
A. Replace Sheet S1.3 Typical Details, with attached
B. Replace Sheet S2.0 Foundation Plan, with attached
C. Replace Sheet S2.1 Floor & Low Roof Framing, with attached
D. Replace Sheet S3.0 Foundation Details, with attached

End of Addendum #1

KEYNOTES:
1. STEEL STUD, SEE PLAN
2. STEEL ROOF OR FLOOR DECK
3. CONT SLOTTED TRACK 362T250-30 OR 600T250-30 W/ #10 SCREWS EACH SIDE OF STUD; FOR STEEL DECK ATTACHMENT USE #10 SCREWS OR HILTI X-U SHOT PIN AT 32" O.C.



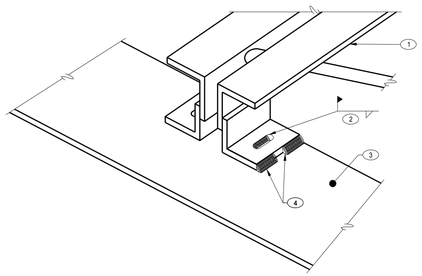
A OPTION A



B OPTION B

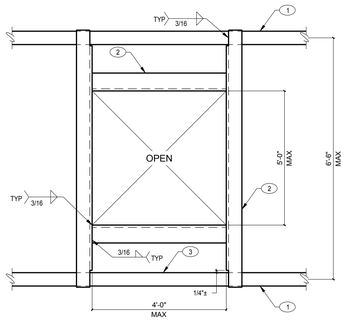
T24 TYPICAL INTERIOR STEEL STUD WALL (NON-BEARING)
TD_SF09 — NO SCALE

KEYNOTES:
1. STEEL JOIST, SEE PLAN
2. FOR "K" JOIST PROVIDE ½" WELD, FOR "LH" AND "DLH" PROVIDE ⅞" WELD.
3. BASE PLATE OR STEEL FRAMING, SEE PLAN
4. WELD PER PLAN



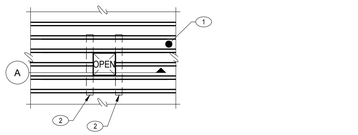
T20 TYPICAL STEEL JOIST ATTACHMENT
NO SCALE

KEYNOTES:
1. ROOF FRAMING MEMBER
2. ANGLE 4"x4"x¼"
3. FACE OF FRAMING MEMBER



T21 PLAN - TYPICAL OPENING IN ROOF FRAMING
TD_SF19 — NO SCALE

KEYNOTES:
1. STEEL DECK, SEE PLAN
2. ANGLE SUPPORT L2x2x¼" BELOW DECK, ANGLE MAY BE PLACED ON TOP OF DECK W/ PRIOR APPROVAL OF ARCHITECT
3. WELD 2" AT EACH RIB, TYPICAL

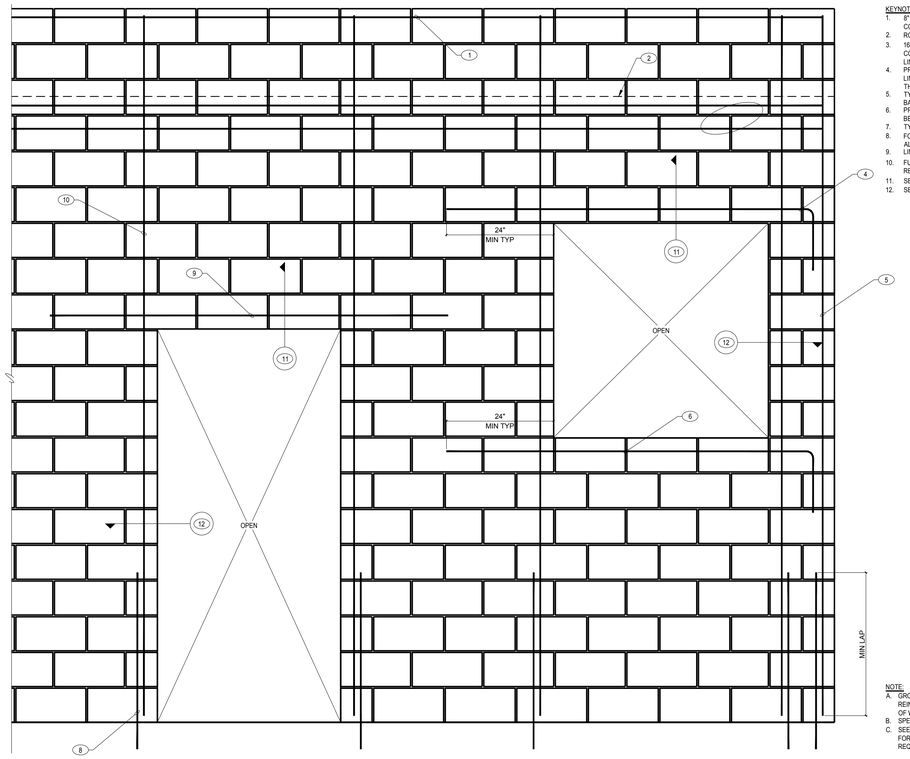


A SECTION

TYPICAL DECK SECTION

NOTE:
A. AN OPENING WHICH CUTS ONE WEB (4" MAX DIMENSION PERPENDICULAR TO RIBS), MAY BE CUT IN DECK WITHOUT ANY SPECIAL REINFORCING.
B. AN OPENING WHICH CUTS TWO WEBS (8" MAX DIMENSION PERPENDICULAR TO RIBS), WILL REQUIRE ANGLE SUPPORT SHOWN ABOVE.
C. ANY OPENING WHICH CUTS MORE THAN TWO WEBS, SEE TYPICAL OPENING IN STEEL DECK DETAIL.

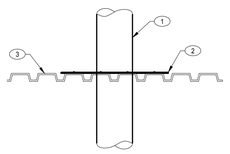
KEYNOTES:
1. 8" DEEP BOND BEAM W/ (1) #5 CONTINUOUS AT TOP OF PARAPET
2. ROOF LINE
3. 16" DEEP BOND BEAM W/ (2) #5 CONTINUOUS AT ROOF AND FLOOR LINES
4. PROVIDE 90° STANDARD HOOK WHERE LINTEL REINFORCING EXTENDS LESS THAN 24" BEYOND OPENING
5. TYPICAL CORNER OR JAMB VERTICAL BARS
6. PROVIDE (1) #5 HORIZONTAL BAR BELOW OPENINGS
7. TYPICAL WALL REINFORCING, SEE PLAN
8. FOUNDATION VERTICAL DOWEL, MATCH ALL VERTICAL WALL REINFORCING
9. LINTEL REINFORCING, SEE PLAN
10. FULL HEIGHT VERTICAL JAMB REINFORCING, SEE PLAN
11. SEE TYPICAL MASONRY LINTEL DETAIL
12. SEE TYPICAL MASONRY JAMB DETAIL

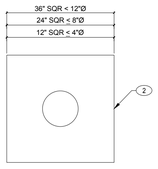


NOTE:
A. GROUT ALL CELLS CONTAINING REINFORCING, SEE PLAN FOR LOCATION OF WALLS REQUIRING FULL GROUTING
B. SPECIAL INSPECTION REQUIRED, SEE G2N
C. SEE PLAN AND CORRESPONDING DETAILS FOR LINTEL AND JAMB REINFORCING REQUIREMENTS

T16 TYPICAL MASONRY WALL REINFORCING AROUND OPENINGS - ELEVATION
TD_CM08 — NO SCALE

KEYNOTES:
1. PIPE SLEEVE
2. 16 GA PLATE W/ #10 SHEET METAL SCREWS AT 6" O.C., EACH WAY
3. METAL ROOF DECK, SEE PLAN

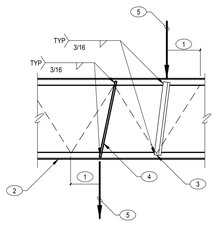




PLAN VIEW

T25 TYPICAL PIPE SLEEVE THROUGH ROOF DECK
TD_SF11 — NO SCALE

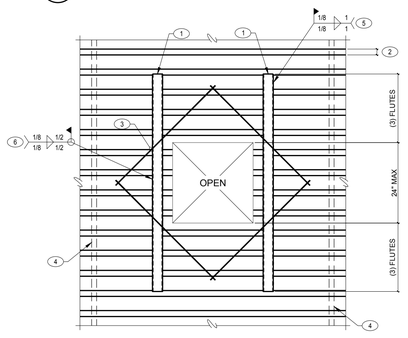
KEYNOTES:
1. ADDITIONAL MEMBER WHEN LOAD IS MORE THAN 4" FROM PANEL POINT
2. STEEL JOIST, SEE PLAN
3. STEEL ANGLE, L2x2x¼ EACH SIDE, FROM TOP CHORD TO NEAREST BOTTOM CHORD PANEL POINT
4. STEEL ANGLE L2x2x¼ EACH SIDE FROM BOTTOM CHORD TO NEAREST TOP CHORD PANEL POINT-FOR CONCENTRATED LOAD AT BOTTOM CHORD
5. CONCENTRATED LOAD



NOTE:
A. PROVIDE THIS DETAIL WHEN CONCENTRATED LOAD EXCEEDS 100 LBS. - NOTIFY ENGINEER WHEN LOAD EXCEEDS 400 LBS.

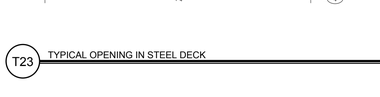
T26 TYPICAL JOIST REINFORCEMENT AT CONCENTRATED LOADS
TD_SF14 — NO SCALE

KEYNOTES:
1. TUBE STEEL
2. WEBS OF STEEL DECKING (TYP)
3. #4 x 42"LONG REBAR AT CORNERS OF OPENING
4. STRUCTURAL FRAMING BELOW, SEE PLANS
5. WELD AT CENTER OF EACH UPPER FLUTE BEYOND OPENING (TYP)
6. ADJACENT TO EACH CUT WEB (TYP)



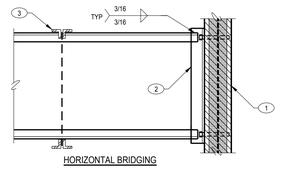
NOTE:
A. TUBES SHALL BE PLACED ON TOP OF THE DECK.
B. OPENINGS MAYBE SQUARE OR RECTANGULAR NOT TO EXCEED 24" IN LENGTH IN EITHER DIRECTION.
C. IF THE OPENING OR GROUP OF OPENINGS OCCURS IN ONE DECK UNIT, THE OPENING OR OPENING GROUP MAY BE CUT BEFORE POURING CONCRETE, BUT IT MAY BE PREFERABLE TO FORM OPENING WITH POUR STOPS AND CUT THE DECK AFTER CONCRETE HAS CURED.
D. IF THE OPENING OR GROUP OF OPENINGS CUTS THROUGH TWO DECK UNITS, THE DECK SHALL NOT BE CUT UNTIL CONCRETE HAS BEEN PLACED AND CURED. AT THE TIME OF POURING, SUITABLE SLEEVES OR BULKHEADS SHALL BE PLACED AROUND THE OPENING.

T22 TYPICAL SMALL OPENING IN STEEL DECK
TD_SF10 — NO SCALE

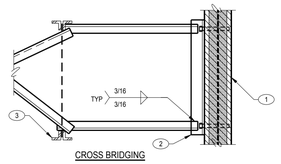


T23 TYPICAL OPENING IN STEEL DECK
NO SCALE

KEYNOTES:
1. MASONRY WALL, SEE PLAN
2. L3x3x¼" ANGLE TO RECEIVE BRIDGING W/ (1) ⅝"Ø x6" LONG TITEN HD
3. STEEL JOIST, SEE PLAN



HORIZONTAL BRIDGING

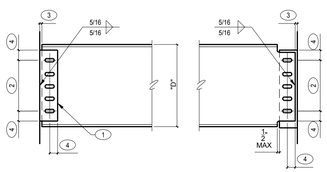


CROSS BRIDGING

T18 TYPICAL JOIST BRIDGING AT MASONRY WALL
TD_CM11 — NO SCALE

NOMINAL BEAM DEPTH "D"	NUMBER OF BOLTS IN ROW
UP TO 7"	(2) ⅞"Ø
8" TO 10"	(2) ⅞"Ø
12" TO 14"	(3) ⅞"Ø
16"	(4) ⅞"Ø
18"	(4) ⅞"Ø
21"	(5) ⅞"Ø
24"	(6) ⅞"Ø
27"	(7) ⅞"Ø
30"	(8) ⅞"Ø
33"	(9) ⅞"Ø
36"	(10) ⅞"Ø

KEYNOTES:
1. ⅜" THICK SHEAR PLATE
2. HORIZONTAL SHORT SLOTTED HOLES AT 3" O.C. MIN IN EITHER BEAM OR SHEAR PLATE PER AISC SPEC
3. ½" CLEAR TO FACE OF SUPPORTING MEMBER (TYP)
4. AISC MIN EDGE DISTANCE



NOTE:
A. TYP CONNECTION CONSISTS OF ONE SHEAR PLATE WITH ⅞"Ø A325N BOLTS, SEE SCHEDULE
C. MAINTAIN BOLT SPACING AND EDGE DISTANCES PER AISC SPEC

T19 TYPICAL SHEAR PLATE CONNECTION DETAIL
TD_SF01 — NO SCALE

KEYNOTES:
1. MASONRY WALL
2. CONTROL JOINT
3. CONTROL JOINT MATERIAL PER ARCHITECTURAL DRAWINGS AND SPECIFICATIONS
4. (1) VERTICAL BAR EACH SIDE IN SOLID GROUTED CELLS TO MATCH VERTICAL WALL REINFORCING
5. #3x36" LONG (18" EACH LEG) HAIRPIN AT HORIZONTAL BAR SPACING
6. TYPICAL HORIZONTAL BAR, SEE PLAN
7. MASONRY PILASTER
8. MASONRY PILASTER REINFORCEMENT PER PLAN
9. ½" x 8" LONG SMOOTH DOWEL AT 48" O.C.

A PLAN

NOTE:
A. BOND BEAM BARS AT FLOOR AND ROOF LINES SHALL RUN CONTINUOUS THROUGH CONTROL JOINT.

T17 CONTROL JOINT IN MASONRY WALL
NO SCALE

PROFESSIONAL ENGINEER — LICENSED — STATE OF IDAHO — DAVID B. BASTIAN — 14134 — 3/1/19

JRW & ASSOCIATES
1152 BOND AVENUE - Suite A REXBURG, IDAHO 83440
WWW.JRWA.COM VOICE (208) 359-2309 FAX (208) 359-2271

CONSULTANTS:

LANDSCAPE ARCHITECT
DAVID V. WEAVER & ASSOC.
1605. S. Woodruff Ave.
Idaho Falls, Idaho 83401
(208) 529-9504

STRUCTURAL ENGINEERING
FROST STRUCTURAL ENGINEERING
1020 Lincoln Road
Idaho Falls, Idaho 83401
(208) 227-8404
Fax (208) 227-8405

MECHANICAL ENGINEERING
ENGINEERED SYSTEMS ASSOC.
315 West Center
Pocatello, Idaho 83204
(208) 233-0501
Fax (801) 233-0529

ELECTRICAL ENGINEERING
PAYNE ENGINEERING INC.
1823 E. Center St.
Pocatello, Idaho 83201
(208) 232-4439
Fax (208) 232-1435

PROJECT: MADISON SCHOOL DISTRICT #321 — LINCOLN ELEMENTARY GYM ADDITION — REXBURG, IDAHO

DRAWING TITLE: TYPICAL DETAILS

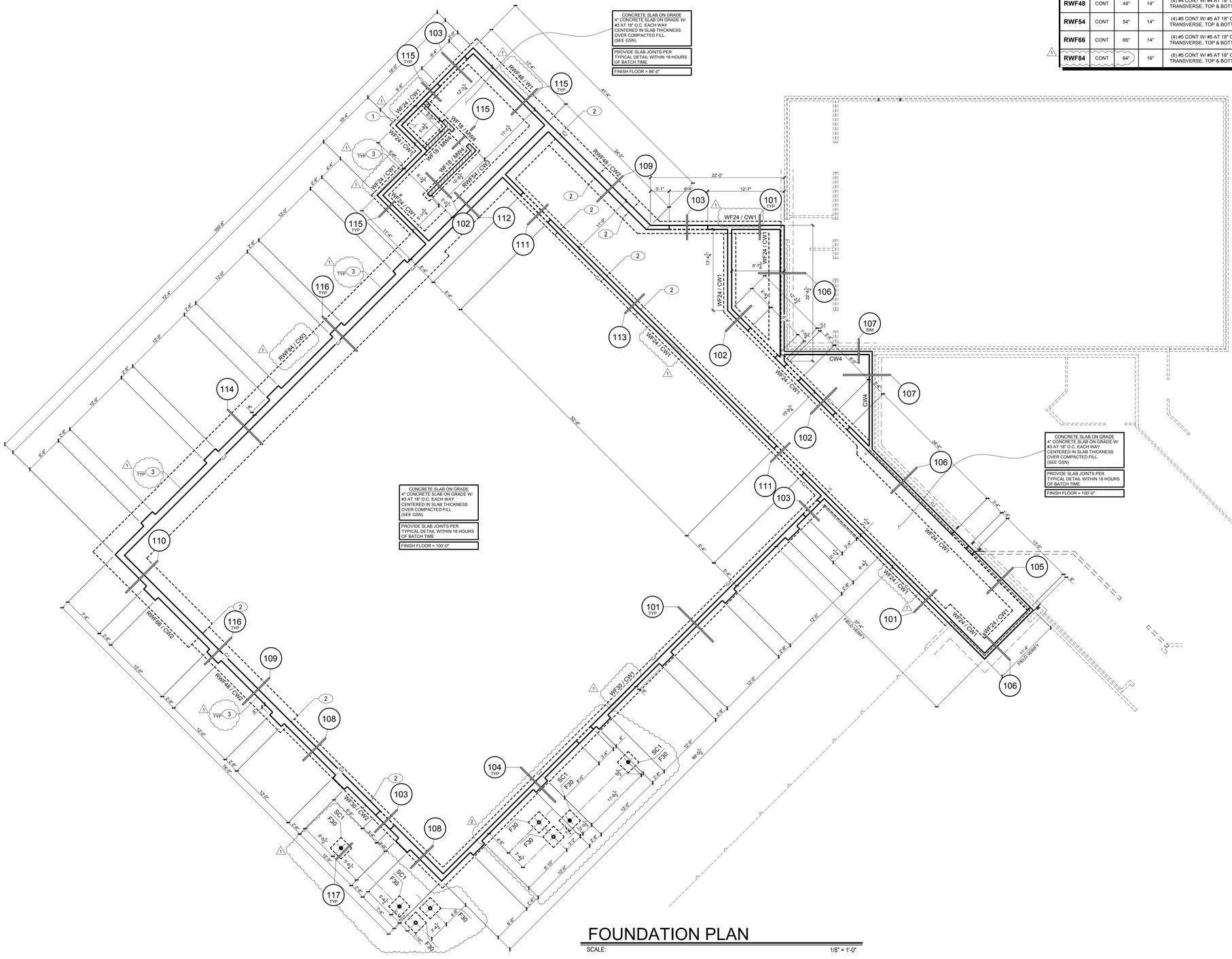
REVISION:		
1	2.20.19	ADDENDUM #1
2	3.1.19	ADDENDUM #2
.	.	.
#	DATE	COMMENT

DRAWN BY: DML — JOB NO: 736
CHECKED BY: JRW — DATE: NOV. '18
PLOT DATE: 3/1/2019

DRAWING NO. FILE: S1.3
OF -

JOB NO.: IF18-316 | PROJECT MANAGER: DBP | CAD OPERATOR: DML

FROST Structural Engineering
1020 E. Lincoln Road — phone: 208.227.8404
Idaho Falls, ID 83401 — fax: 208.227.8405
contact@frost-structural.com



FOUNDATION PLAN

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

FOOTING SCHEDULE

NOTES:
1. FOR CONSTRUCTION ABOVE FOOTING, SEE DETAILS.
2. FOR MINIMUM CLEARANCE (CLR) OF REINFORCING, SEE GENERAL STRUCTURAL NOTES (GSN).

MARK	LENGTH	WIDTH	THICKNESS	FOOTING REINFORCING	REMARKS
F30	30"	30"	10"	(3) #4 EACH WAY BOTTOM	---
WF18	CONT	18"	10"	(2) #4 CONT BOTTOM	---
WF24	CONT	24"	12"	(2) #4 CONT BOTTOM	---
WF30	CONT	30"	12"	(3) #4 CONT BOTTOM	---
RWF48	CONT	48"	14"	(4) #4 CONT W/ #4 AT 18" O.C. TRANSVERSE, TOP & BOTTOM	SEE DETAIL FOR FOOTING DOWEL SIZE AND SPACING
RWF54	CONT	54"	14"	(4) #5 CONT W/ #5 AT 18" O.C. TRANSVERSE, TOP & BOTTOM	SEE DETAIL FOR FOOTING DOWEL SIZE AND SPACING
RWF66	CONT	66"	14"	(4) #5 CONT W/ #5 AT 18" O.C. TRANSVERSE, TOP & BOTTOM	SEE DETAIL FOR FOOTING DOWEL SIZE AND SPACING
RWF84	CONT	84"	16"	(6) #5 CONT W/ #5 AT 18" O.C. TRANSVERSE, TOP & BOTTOM	SEE DETAIL FOR FOOTING DOWEL SIZE AND SPACING

FOUNDATION PLAN NOTES

A. VERIFY ALL DIMENSIONS WITH ALL ARCHITECTURAL DRAWINGS.

B. ALL SCHEDULED MARK DESIGNATIONS MAY NOT NECESSARILY BE FOUND ON THIS PLAN. SCHEDULES ARE TYPICAL TO THIS PROJECT.

C. THE DEPTH OF FOOTING DIMENSION INDICATED IN THE G.S.N. IS A MINIMUM. FOUNDATION CONTRACTOR SHALL COORDINATE WITH THE SOILS REPORT AND OTHER TRADES TO INSURE THAT THESE MINIMUMS ARE SUFFICIENT FOR THE WORK. SEE TYPICAL DETAILS FOR ADDITIONAL REQUIREMENTS.

D. [ ] WALLS WITH SOLID LINES DESIGNATED STRUCTURAL (BEARING) WALLS.

E. [ ] WALLS WITH DASHED LINES DESIGNATE NON-STRUCTURAL (NON-BEARING) WALLS.

F. CW1, MW3, ETC. - AS SHOWN ON PLAN INDICATES CONCRETE OR MASONRY WALLS. SEE WALL SCHEDULE FOR ADDITIONAL INFORMATION.

G. WF18, WF24, ETC. - AS SHOWN ON PLAN INDICATES A CONTINUOUS WALL FOOTING. SEE FOOTING SCHEDULE FOR ADDITIONAL INFORMATION.

H. F36, F48, ETC. - AS SHOWN ON PLAN INDICATES A CONCRETE FOOTING. SEE FOOTING SCHEDULE FOR ADDITIONAL INFORMATION.

I. RWF36, RWF42, ETC. - AS SHOWN ON PLAN INDICATES A CONTINUOUS RETAINING WALL FOOTING. SEE FOOTING SCHEDULE FOR ADDITIONAL INFORMATION.

J. ALL MASONRY JAMBS ADJACENT TO OPENINGS SHALL BE MJ1. SEE JAMB SCHEDULE FOR MORE INFORMATION.

K. CJ - AS SHOWN ON PLAN INDICATES A CONTROL JOINT IN A MASONRY WALL (ABOVE).

L. SC1, SC2, ETC. - AS SHOWN ON PLAN INDICATES A STEEL COLUMN. SEE STEEL COLUMN SCHEDULE FOR ADDITIONAL INFORMATION. COLUMNS START AT THE LEVEL THEY ARE CALLED OUT ON.

M. VERIFY EXACT SIZE AND LOCATION OF DEPRESSED AND/OR RAISED SLABS WITH ARCHITECTURAL DRAWINGS.

N. FOR SIDEWALK AND LANDING LOCATIONS, SEE ARCHITECTURAL DRAWINGS.

WALL (W) SCHEDULE

MARK	THICKNESS AND TYPE	VERTICAL REINFORCING	HORIZONTAL REINFORCING	REMARKS
CW1	8" CONCRETE	#4 AT 18" O.C.	#4 AT 12" O.C.	---
CW2	12" CONCRETE	#5 AT 18" O.C., EACH FACE	#5 AT 14" O.C., EACH FACE	SEE DETAIL FOR FOOTING DOWEL SIZE AND SPACING
CW3	14" CONCRETE	#5 AT 12" O.C., EACH FACE	#5 AT 12" O.C., EACH FACE	SEE DETAIL FOR FOOTING DOWEL SIZE AND SPACING
CW4	6" CONCRETE	#4 AT 18" O.C.	#4 AT 18" O.C.	---
MW3	8" MASONRY	#5 AT 32" O.C.	#5 AT 48" O.C.	SOLID GROUTED
MW4	8" MASONRY	#5 AT 32" O.C.	#5 AT 48" O.C.	PARTIALLY GROUTED

JAMB (J) SCHEDULE

SEE TYPICAL JAMB DETAIL FOR ADDITIONAL INFORMATION

MARK	REBAR AND QUANTITIES	TYPE	LENGTH	REMARKS
MJ1	(2) #5	A	16"	REBAR CENTERED

PLAN KEYNOTES

1. RECESS SLAB ON GRADE 3" FOR FUTURE LIFT, SEE 'TYPICAL CONCRETE SLAB STEP' DETAIL
2. STEP CONCRETE FOOTING AS REQUIRED, SEE 'TYPICAL STEP IN CONCRETE FOOTING' DETAIL. COORDINATE STEP LOCATION W/ FINISH GRADE TO MAINTAIN ADEQUATE FROST PROTECTION
3. PROVIDE V-GROOVE REVEAL (¾" MAX DEPTH) IN CONCRETE WALL. SEE ARCH DRAWINGS FOR DETAIL AND LOCATIONS

STEEL COLUMN (SC) SCHEDULE

MARK	SIZE	BASE CONNECTION
SC1	HSS4x4x¼	½"x10"x10" PLATE W/ (4) ¾"Ø ANCHOR BOLTS W/ 8" MINIMUM EMBEDMENT

JOB NO.: IF18-316 | PROJECT MANAGER: DBP | CAD OPERATOR: DML

FROST Structural Engineering
1020 E. Lincoln Road
Idaho Falls, ID 83401
phone: 208.227.8404
fax: 208.227.8405
contact@frost-structural.com

PROFESSIONAL ENGINEER LICENSED STATE OF IDAHO DAVID B. BASTIAN 14134 3/1/19

JRW & ASSOCIATES
1152 BOND AVENUE - Suite A REXBURG, IDAHO 83440
WWW.JRWA.COM VOICE (208) 359-2309 FAX (208) 359-2271

CONSULTANTS:
LANDSCAPE ARCHITECT
DAVID V. WEAVER & ASSOC.
1605. S. Woodruff Ave.
Idaho Falls, Idaho 83401
(208) 529-9504

STRUCTURAL ENGINEERING
FROST STRUCTURAL ENGINEERING
1020 Lincoln Road
Idaho Falls, Idaho 83401
(208) 227-8404
Fax (208) 227-8405

MECHANICAL ENGINEERING
ENGINEERED SYSTEMS ASSOC.
315 West Center
Pocatello, Idaho 83204
(208) 233-0501
Fax (801) 233-0529

ELECTRICAL ENGINEERING
PAYNE ENGINEERING INC.
1823 E. Center St.
Pocatello, Idaho 83201
(208) 232-4439
Fax (208) 232-1435

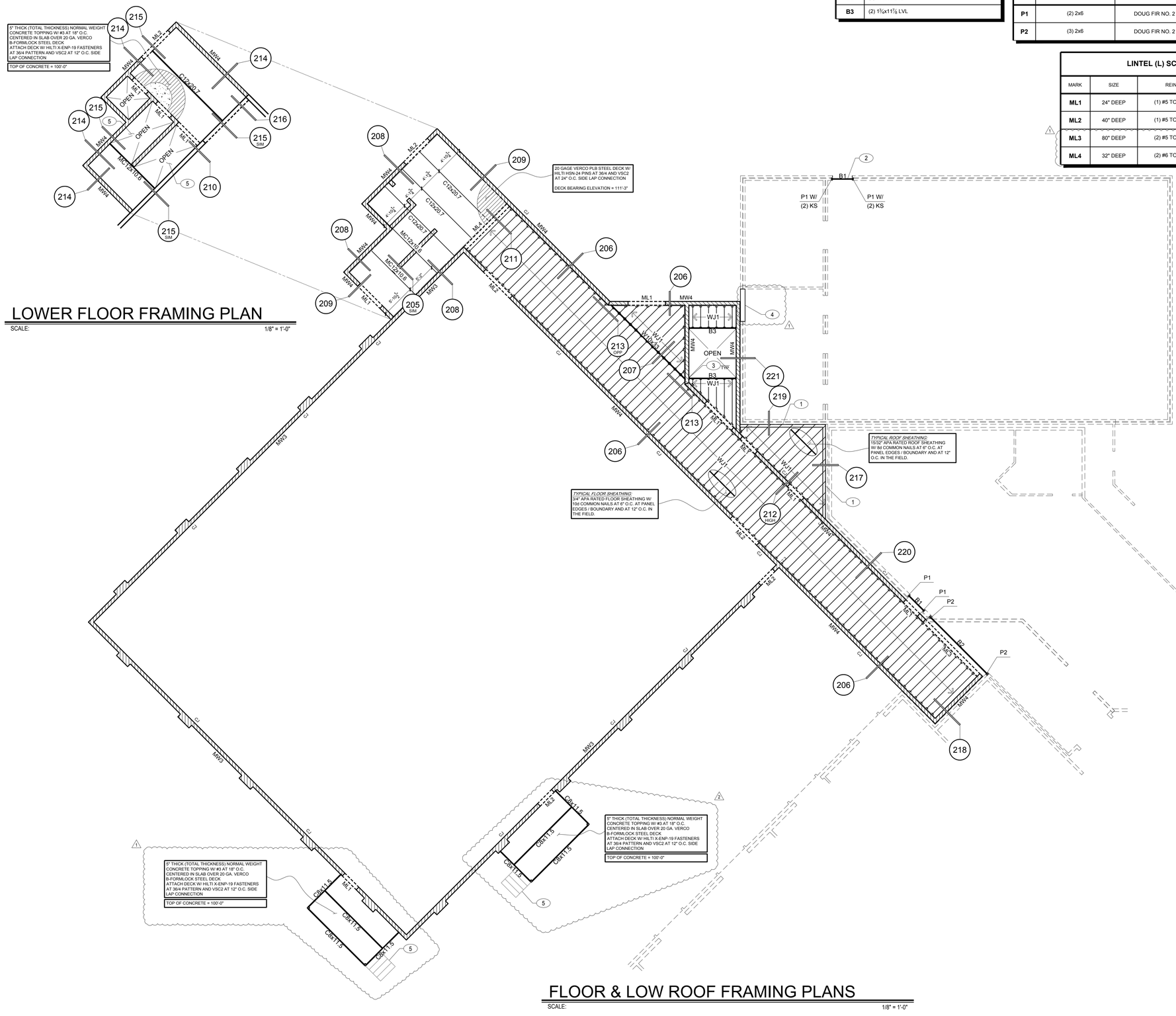
PROJECT: MADISON SCHOOL DISTRICT #321
LINCOLN ELEMENTARY GYM ADDITION
REXBURG IDAHO

DRAWING TITLE: FOUNDATION PLAN

REVISION:		
1	2.20.19	ADDENDUM #1
2	3.1.19	ADDENDUM #2
.	.	.
#	DATE	COMMENT

DRAWN BY: DML	JOB NO: 736
CHECKED BY: JRW	DATE: NOV. '18
PLOT DATE: 3/1/2019	

DRAWING NO. S2.0
FILE:
OF -



LOWER FLOOR FRAMING PLAN

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

FLOOR & LOW ROOF FRAMING PLANS

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

BEAM (B) SCHEDULE

MARK	SIZE
B1	(3) 1¾x9½ LVL
B2	(3) 1¾x16 LVL
B3	(2) 1¾x11⅞ LVL

POST (P) SCHEDULE

NOTES:
1. FOR CONNECTIONS AT EITHER END OF POST, SEE DETAILS.
2. UNO, SEE GENERAL STRUCTURAL NOTES (GSN) FOR LUMBER SPECIES AND GRADE.

MARK	SIZE	SPECIES AND GRADE	CONNECTION
P1	(2) 2x6	DOUG FIR NO. 2	SEE TYPICAL DETAILS
P2	(3) 2x6	DOUG FIR NO. 2	SEE TYPICAL DETAILS

LINTEL (L) SCHEDULE

MARK	SIZE	REINFORCING	STIRRUP
ML1	24" DEEP	(1) #5 TOP & BOTTOM	NA
ML2	40" DEEP	(1) #5 TOP & BOTTOM	NA
ML3	80" DEEP	(2) #5 TOP & BOTTOM	#4 AT 8" O.C.
ML4	32" DEEP	(2) #6 TOP & BOTTOM	#4 AT 8" O.C.

FLOOR FRAMING PLAN NOTES

A. VERIFY ALL DIMENSIONS WITH ALL ARCHITECTURAL DRAWINGS.

B. VERIFY TOP OF STEEL W/ ARCHITECTURAL DRAWINGS.

C. ALL SCHEDULED MARK DESIGNATIONS MAY NOT NECESSARILY BE FOUND ON THIS PLAN. SCHEDULES ARE TYPICAL TO THIS PROJECT.

D. ——— WALLS WITH SOLID LINES DESIGNATED STRUCTURAL (BEARING) WALLS.

E. - - - - WALLS WITH DASHED LINES DESIGNATE NON-STRUCTURAL (NON-BEARING) WALLS.

F. ////// WALLS WITH SOLID LINES AND HATCH DESIGNATE MASONRY WALLS.

G. B1, B2, ETC. - AS SHOWN ON PLAN INDICATES A BEAM OR HEADER. SEE BEAM SCHEDULE FOR ADDITIONAL INFORMATION.

H. WJ1, WJ2, ETC. - AS SHOWN ON PLAN INDICATES A WOOD JOIST. SEE WOOD JOIST SCHEDULE FOR ADDITIONAL INFORMATION.

I. P1, P2, ETC. AS SHOWN ON PLAN INDICATES A WOOD POST. SEE POST SCHEDULE FOR MORE INFORMATION.

J. CW1, MW3, ETC. - AS SHOWN ON PLAN INDICATES CONCRETE OR MASONRY WALLS. SEE WALL SCHEDULE FOR ADDITIONAL INFORMATION.

K. ML1, ML2, ETC. - AS SHOWN ON PLAN INDICATES A CONCRETE OR MASONRY LINTEL. SEE LINTEL SCHEDULE FOR ADDITIONAL INFORMATION.

L. ALL MASONRY JAMBS ADJACENT TO OPENINGS SHALL BE MJ1. SEE JAMB SCHEDULE FOR MORE INFORMATION.

M. CJ - AS SHOWN ON PLAN INDICATES A CONTROL JOINT IN A MASONRY WALL. SEE GSN AND TYPICAL DETAIL. JOINTS MAY BE SHOWN, BUT NOT NOTED ON THIS PLAN.

N. FOR CLARITY, DETAILS MAY SHOW ONLY ONE SIDE OF FRAMING CONDITION.

O. CONTRACTOR TO VERIFY AND BE RESPONSIBLE FOR VARIATIONS IN CONCRETE QUANTITY DUE TO CAMBER, CONSTRUCTION DEAD LOAD DEFLECTIONS AND/OR STRUCTURAL STEEL TOLERANCES OF STEEL BEAMS AND STEEL DECK.

P. FOR CLARITY, ALL FLOOR OPENINGS MAY NOT BE SHOWN ON THE FLOOR FRAMING PLAN. FOR EXACT SIZE, NUMBER AND LOCATION OF OPENINGS, SEE ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS. FOR FRAMING AT OPENINGS, SEE TYPICAL DETAILS.

PLAN KEYNOTES

1. WOOD BEARING WALL ADJACENT TO EXISTING STRUCTURE, FRAME W/ 2x6 STUDS AT 16" O.C.
2. NEW DOOR OPENING IN EXISTING WALL
3. SIMPSON HUC412 HANGER W/ (22) TTN25234H SCREWS INTO MASONRY
4. INFILL EXISTING OPENING W/ 2x6 STUDS AT 16" O.C.
5. STEEL STAIRS, USE HSS12x2x5/16 STRINGERS. FABRICATOR TO SUBMIT STAIR SYSTEM DETAILS FOR ENGINEER OF RECORD (E.O.R.). E.O.R. WILL VERIFY MEMBERS AND CONNECTIONS HAVE ADEQUATE CAPACITY

WALL (W) SCHEDULE

MARK	THICKNESS AND TYPE	VERTICAL REINFORCING	HORIZONTAL REINFORCING	REMARKS
CW1	8" CONCRETE	#4 AT 18" O.C.	#4 AT 12" O.C.	---
CW2	12" CONCRETE	#5 AT 18" O.C., EACH FACE	#5 AT 14" O.C., EACH FACE	SEE DETAIL FOR FOOTING DOWEL SIZE AND SPACING
CW3	14" CONCRETE	#5 AT 12" O.C., EACH FACE	#5 AT 12" O.C., EACH FACE	SEE DETAIL FOR FOOTING DOWEL SIZE AND SPACING
CW4	6" CONCRETE	#4 AT 18" O.C.	#4 AT 18" O.C.	---
MW3	8" MASONRY	#5 AT 32" O.C.	#5 AT 48" O.C.	SOLID GROUTED
MW4	8" MASONRY	#5 AT 32" O.C.	#5 AT 48" O.C.	PARTIALLY GROUTED

WOOD JOIST (WJ) SCHEDULE

MARK	JOIST	FACE MOUNT HANGER	TOP FLANGE HANGER
WJ1	11⅞" TJI 210 AT 16" O.C.	IUS2.06/11.88 SUR2.1/11.88 SUL2.1/11.88 (SKEWED 45°)	ITS2.06/11.88

JAMB (J) SCHEDULE

SEE TYPICAL JAMB DETAIL FOR ADDITIONAL INFORMATION

MARK	REBAR AND QUANTITIES	TYPE	LENGTH	REMARKS
MJ1	(2) #5	A	16"	REBAR CENTERED

PROFESSIONAL ENGINEER – LICENSED – 14139 – STATE OF IDAHO – DAVID B. BASTIAN – 3/1/19

JRW & ASSOCIATES
1192 BOND AVENUE – Suite A REXBURG, IDAHO 83440
WWW.JRWA.COM VOICE (208) 359-2309 FAX (208) 359-2271

CONSULTANTS:

LANDSCAPE ARCHITECT
DAVID V. WEAVER & ASSOC.
1605. S. Woodruff Ave.
Idaho Falls, Idaho 83401
(208) 529-9504

STRUCTURAL ENGINEERING
FROST STRUCTURAL ENGINEERING
1020 Lincoln Road
Idaho Falls, Idaho 83401
(208) 227-8404
Fax (208) 227-8405

MECHANICAL ENGINEERING
ENGINEERED SYSTEMS ASSOC.
315 West Center
Pocatello, Idaho 83204
(208) 233-0501
Fax (801) 233-0529

ELECTRICAL ENGINEERING
PAYNE ENGINEERING INC.
1823 E. Center St.
Pocatello, Idaho 83201
(208) 232-4439
Fax (208) 232-1435

PROJECT: MADISON SCHOOL DISTRICT #321
LINCOLN ELEMENTARY GYM ADDITION
REXBURG IDAHO

DRAWING TITLE: FLOOR & LOW ROOF FRAMING PLANS

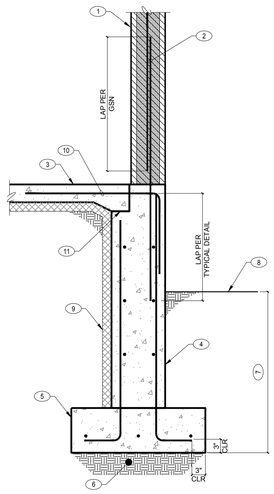
REVISION:		
1	2.20.19	ADDENDUM #1
2	3.1.19	ADDENDUM #2
.	.	.
#	DATE	COMMENT

DRAWN BY: DML | JOB NO: 736
CHECKED BY: JRW | DATE: NOV. '18
PLOT DATE: 3/1/2019

DRAWING NO. S2.1
FILE:
OF -

JOB NO.: IF18-316 | PROJECT MANAGER: DBP | CAD OPERATOR: DML

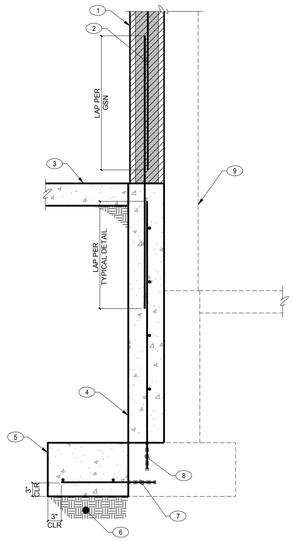
FROST Structural Engineering
1020 E. Lincoln Road
Idaho Falls, ID 83401
phone: 208.227.8404
fax: 208.227.8405
contact@frost-structural.com



KEYNOTES:
1. MASONRY WALL, SEE PLAN
2. #5 DOWEL TO MATCH VERTICAL WALL REINFORCING
3. CONCRETE SLAB ON GRADE, SEE PLAN
4. CONCRETE WALL, SEE PLAN
5. CONCRETE FOOTING, SEE PLAN
6. COMPACTED SUB-GRADE BELOW FOOTING, SEE PLAN
7. MINIMUM FOOTING DEPTH, SEE GSN
8. SIDEWALK, PAVEMENT, OR FINISH GRADE PER ARCH
9. RIDGED INSULATION, SEE ARCH
10. #4 BENT DOWEL AT 18" O.C. (30" / 18")
11. 4x6 BLOCK-OUT IN CONCRETE WALL FOR SLAB POUR-OVER

108 MASONRY WALL AT FOUNDATION

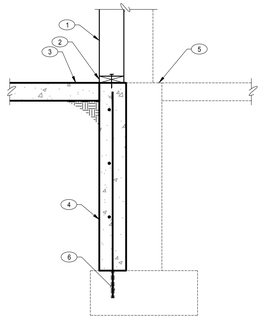
NO SCALE



KEYNOTES:
1. MASONRY WALL, SEE PLAN
2. DOWEL TO MATCH VERTICAL WALL REINFORCING
3. CONCRETE SLAB ON GRADE, SEE PLAN
4. CONCRETE WALL, SEE PLAN
5. CONCRETE FOOTING, SEE PLAN
6. COMPACTED SUB-GRADE BELOW FOOTING, SEE PLAN
7. #4 DOWEL AT 18" O.C., EPOXY INTO EXISTING FOOTING W/ 6" MIN EMBEDMENT
8. EPOXY VERTICAL WALL REINFORCEMENT INTO EXISTING FOOTING W/ 6" MIN EMBEDMENT
9. EXISTING STRUCTURE AS OCCURS

106 MASONRY WALL AT EXISTING STRUCTURE

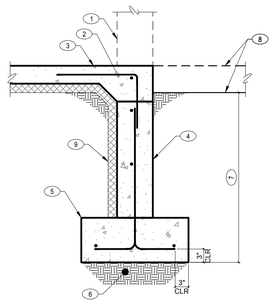
NO SCALE



KEYNOTES:
1. WOOD STUD WALL, SEE PLAN
2. CONT 2x PT SOLE PLATE W/ 0.145"Ø MIN SHOT PIN AT 16" O.C.
3. CONCRETE SLAB ON GRADE, SEE PLAN
4. CONCRETE WALL, SEE PLAN
5. EXISTING STRUCTURE AS OCCURS
6. EPOXY VERTICAL WALL REINFORCEMENT INTO EXISTING FOOTING W/ 6" MIN EMBEDMENT

107 WOOD STUD WALL AT EXISTING FOUNDATION

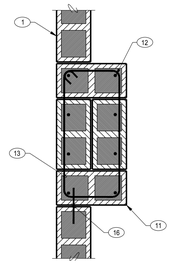
NO SCALE



KEYNOTES:
1. WALL BEYOND, SEE PLAN
2. #4 BENT DOWEL AT 18" O.C. (18" / 18")
3. CONCRETE SLAB ON GRADE, SEE PLAN
4. CONCRETE WALL, SEE PLAN
5. CONCRETE FOOTING, SEE PLAN
6. COMPACTED SUB-GRADE BELOW FOOTING, SEE PLAN
7. MINIMUM FOOTING DEPTH, SEE GSN
8. SIDEWALK, PAVEMENT, OR FINISH GRADE PER ARCH
9. RIDGED INSULATION, SEE ARCH

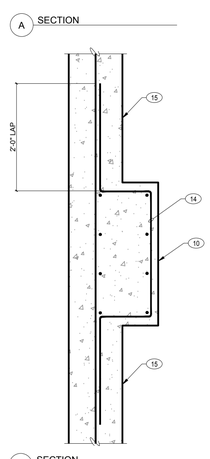
103 CONCRETE SLAB AT FOUNDATION

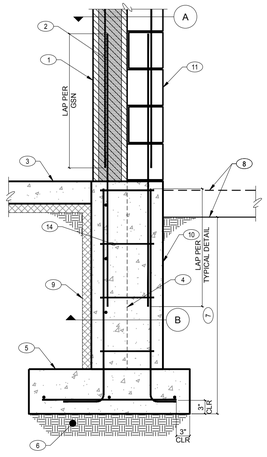
NO SCALE



KEYNOTES:
1. MASONRY WALL, SEE PLAN
2. #5 DOWEL TO MATCH VERTICAL WALL REINFORCING
3. CONCRETE SLAB ON GRADE, SEE PLAN
4. CONCRETE WALL BEYOND , SEE PLAN, CONTINUE HORIZONTAL REINFORCING THROUGH PIER
5. CONCRETE FOOTING, SEE PLAN
6. COMPACTED SUB-GRADE BELOW FOOTING, SEE PLAN
7. MINIMUM FOOTING DEPTH, SEE GSN
8. SIDEWALK, PAVEMENT, OR FINISH GRADE PER ARCH
9. RIDGED INSULATION, SEE ARCH
10. 16" x 32" CONCRETE PIER W/ (8) #5 HOOKED DOWELS
11. SOLID GROUTED MASONRY PILASTER, SEE PLAN
12. (8) #5 FULL HEIGHT VERTICAL DOWELS, (1) #5 BAR IN EACH CELL
13. #3 TIES AT 24" O.C.
14. #4 BENT DOWEL AT 12" O.C.
15. CONCRETE WALL, SEE PLAN
16. SMOOTH DOWEL WHERE CONTROL JOINT OCCURS, SEE PLAN AND TYPICAL DETAIL

A SECTION

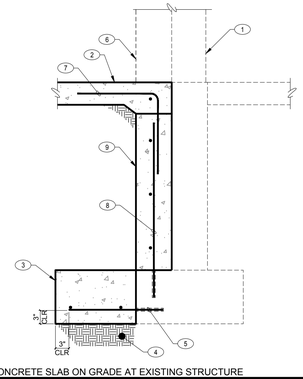




B SECTION

104 MASONRY PILASTER AT FOUNDATION

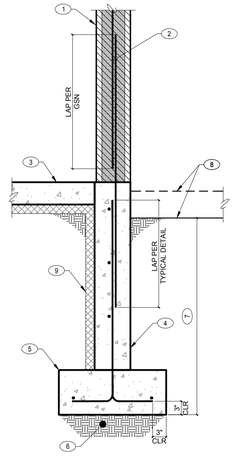
NO SCALE



KEYNOTES:
1. EXISTING STRUCTURE AS OCCURS
2. CONCRETE SLAB ON GRADE, SEE PLAN
3. CONCRETE FOOTING, SEE PLAN
4. COMPACTED SUB-GRADE BELOW FOOTING, SEE PLAN
5. #4 DOWEL AT 18" O.C., EPOXY INTO EXISTING FOOTING W/ 6" MIN EMBEDMENT
6. WALL BEYOND, SEE PLAN
7. #4 BENT DOWEL AT 18" O.C. (18" / 18")
8. EPOXY VERTICAL WALL REINFORCEMENT INTO EXISTING FOOTING W/ 6" MIN EMBEDMENT
9. CONCRETE WALL, SEE PLAN

105 CONCRETE SLAB ON GRADE AT EXISTING STRUCTURE

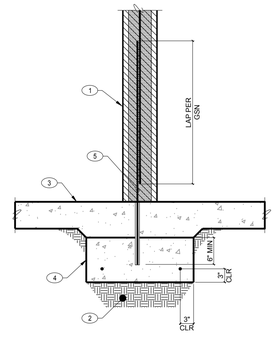
NO SCALE



KEYNOTES:
1. MASONRY WALL, SEE PLAN
2. #5 DOWEL TO MATCH VERTICAL WALL REINFORCING
3. CONCRETE SLAB ON GRADE, SEE PLAN
4. CONCRETE WALL, SEE PLAN
5. CONCRETE FOOTING, SEE PLAN
6. COMPACTED SUB-GRADE BELOW FOOTING, SEE PLAN
7. MINIMUM FOOTING DEPTH, SEE GSN
8. SIDEWALK, PAVEMENT, OR FINISH GRADE PER ARCH
9. RIDGED INSULATION, SEE ARCH

101 MASONRY WALL AT FOUNDATION

NO SCALE



KEYNOTES:
1. MASONRY WALL, SEE PLAN
2. COMPACTED SUB-GRADE BELOW FOOTING, SEE PLAN
3. CONCRETE SLAB ON GRADE, SEE PLAN
4. CONCRETE FOOTING, SEE PLAN
5. DOWEL TO MATCH VERTICAL MASONRY WALL REINFORCING SIZE AND SPACING, EPOXY DOWEL AT FOOTING

102 MASONRY WALL AT FOUNDATION

NO SCALE

KEYNOTES:
1. MASONRY WALL, SEE PLAN
2. #5 DOWEL TO MATCH VERTICAL WALL REINFORCING
3. CONCRETE SLAB ON GRADE, SEE PLAN
4. CONCRETE WALL, SEE PLAN
5. CONCRETE FOOTING, SEE PLAN
6. COMPACTED SUB-GRADE BELOW FOOTING, SEE PLAN
7. MINIMUM FOOTING DEPTH, SEE GSN
8. SIDEWALK, PAVEMENT, OR FINISH GRADE PER ARCH
9. RIDGED INSULATION, SEE ARCH
10. #4 BENT DOWEL AT 18" O.C. (30" / 18")
11. 4x6 BLOCK-OUT IN CONCRETE WALL FOR SLAB POUR-OVER
12. #5 BENT DOWEL AT 9" O.C. (54" / 18")
13. VERTICAL DOWEL TO MATCH SPACING AND SIZE OF WALL REINFORCEMENT

109 MASONRY WALL AT FOUNDATION

NO SCALE

PROFESSIONAL ENGINEER LICENSED — 14134 — STATE OF IDAHO — DAVID B. BUTLER — 3/1/19

JRW & ASSOCIATES
1192 BOND AVENUE – Suite A REXBURG, IDAHO 83440
WWW.JRWA.COM VOICE (208) 359-2309 FAX (208) 359-2271

CONSULTANTS:

LANDSCAPE ARCHITECT
DAVID V. WEAVER & ASSOC.
1605. S. Woodruff Ave.
Idaho Falls, Idaho 83401
(208) 529-9504

STRUCTURAL ENGINEERING
FROST STRUCTURAL ENGINEERING
1020 Lincoln Road
Idaho Falls, Idaho 83401
(208) 227-8404
Fax (208) 227-8405

MECHANICAL ENGINEERING
ENGINEERED SYSTEMS ASSOC.
315 West Center
Pocatello, Idaho 83204
(208) 233-0501
Fax (801) 233-0529

ELECTRICAL ENGINEERING
PAYNE ENGINEERING INC.
1823 E. Center St.
Pocatello, Idaho 83201
(208) 232-4439
Fax (208) 232-1435

PROJECT: MADISON SCHOOL DISTRICT #321
LINCOLN ELEMENTARY GYM ADDITION
REXBURG IDAHO

DRAWING TITLE: FOUNDATION DETAILS

REVISION:		
#	DATE	COMMENT
1	3.1.19	ADDENDUM #2
.	.	.
.	.	.

DRAWN BY: DML
JOB NO: 736
CHECKED BY: JRW
DATE: NOV. '18
PLOT DATE: 3/1/2019

DRAWING NO. S3.0
FILE:
OF -

JOB NO.: IF18-316 | PROJECT MANAGER: DBP | CAD OPERATOR: DML

FROST Structural Engineering
1020 E. Lincoln Road
Idaho Falls, ID 83401
phone: 208.227.8404
fax: 208.227.8405
contact@frost-structural.com