

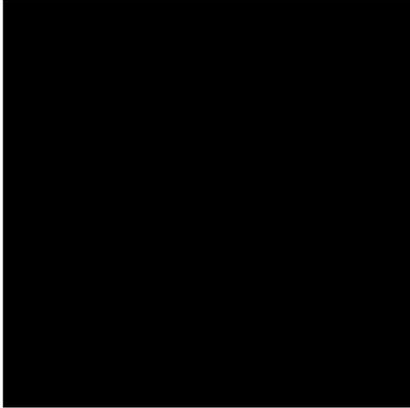
PAINTED SKY ELEMENTARY SCHOOL

BUILDING A ROOF REPLACEMENT

Amphitheater Public Schools

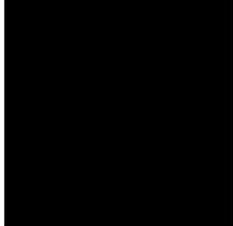
100% Construction Documents

June 2019



Breckenridge
g r o u p
a r c h i t e c t s
p l a n n e r s

Job No. 17.14.38



Breckenridge
g r o u p
a r c h i t e c t s
p l a n n e r s
1735 e ft. lowell rd. #12
tucson arizona 85719
520.882.9944

Amphitheater Public Schools
Painted Sky Elementary School
Building A Roof Replacement



PROJECT NO:
17.14.38

DATE:
JUNE 2019

REVISION SCHEDULE #	DATE	DESCRIPTION	ISSUED TO

DRAWN BY: SC
CHECKED BY: KDB

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY ARCHITECTS OF BRECKENRIDGE GROUP, INC., ARCHITECTS / PLANNERS, OR DESIGNATED CONSULTANTS.
DRAWINGS ARE COPYRIGHTED BY BRECKENRIDGE GROUP ARCHITECTS / PLANNERS. ANY REPRODUCTION OR REUSE WITHOUT WRITTEN PERMISSION IS STRICTLY FORBIDDEN. ©

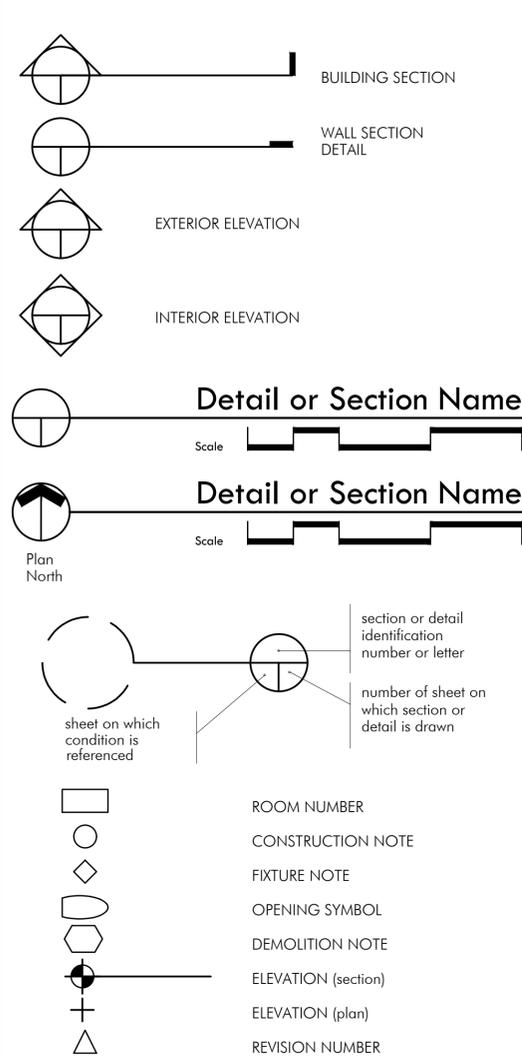
Cover Sheet
G1.0

CHECKED BY:
DRAWN BY:

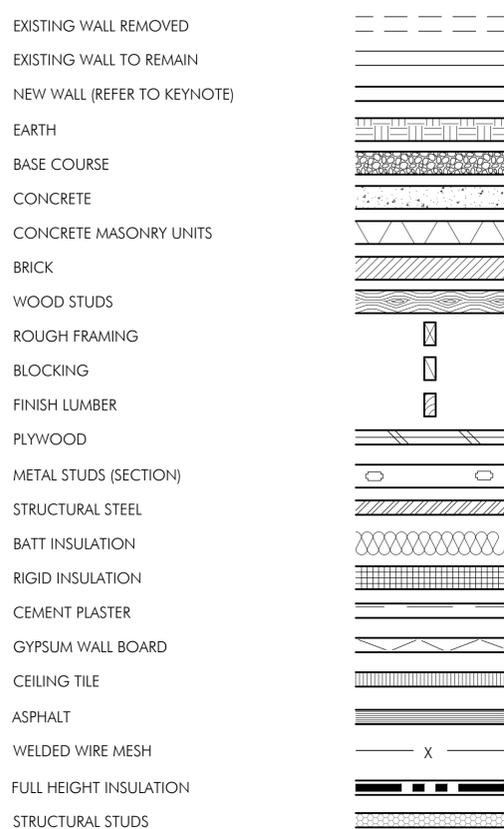
ABBREVIATIONS

A.B.	ANCHOR BOLT	N.I.C.	NOT IN CONTRACT
A.B.C.	AGGREGATE BASE COURSE	NOM.	NOMINAL
A.C.	AIR CONDITIONING	NO.	NUMBER
ADJ	ADJACENT	N.T.S.	NOT TO SCALE
A E C	ACID ETCHED CONCRETE		
AFF	ABOVE FINISH FLOOR	O/	OVER OR ON
ALLOW	ALLOWANCE	O.C.	ON CENTER
ALT	ALTERNATE	O.D.	OUTSIDE DIAMETER
ALUM	ALUMINUM	O.F.	OUTSIDE FACE
AMP	AMPERE	O.F.C.I.	OWNER FURNISHED CONTRACTOR INSTALLED
A.P.	ACCESS PANEL		
A.T.	ACOUSTICAL TILE	O.F.O.I.	OWNER FURNISHED OWNER INSTALLED
@	AT		
AUTO	AUTOMATIC	OPNG.	OPENING
		OPP.	OPPOSITE
BD	BOARD	P	PAVEMENT
B.L.	BUILDING LINE	P.C.	PULL CHAIN
BLDG.	BUILDING	PE	PIECE
BLKG.	BLOCKING	PERP.	PERPENDICULAR
BM.	BEAM	PL	PLASTER
BOT.	BOTTOM	PLAS	PLATE
BRG.	BEARING	PL.GL.	PLATE GLASS
BSMT.	BASEMENT	PLAS. LAM.	PLASTIC LAMINATE
BTWN.	BETWEEN	PLYWD.	PLYWOOD
B.U.	BUILT UP	PNL.	PANEL
		PR	PAIR
CAB	CABINET	PROJ.	PROJECT
C.B.	CATCH BASIN	PT	PRESSURE TREATED
C.B.D.	CEMENT BOARD	PTN.	PARTITION
CEM.	CEMENT	PUB.	PUBLIC
CEM. PLAS.	CEMENT PLASTER	PUR.	PURIN
CER.	CERAMIC	PVC	POLYVINYL CHLORIDE
C.F.C.I.	CONTRACTOR FURNISH CONTRACTOR INSTALL	PTD.	PAINTED
		Ø	Ø
CFM	CUBIC FEET PER MINUTE	Q.T.	QUARRY TILE
C	CHANNELS		
C.I.	CAST IRON	R	RISER
CIR.	CIRCUIT	RAD.	RADIUS
C.J.	CONTROL JOINT	R.A.	RETURN AIR
C.L.	CENTER LINE	RCPT.	RECEPTACLE
CLG.	CEILING	R.D.	ROOF DRAIN
CM.	CULTURED MARBLE	REC.	RECESSED
CMU	CONCRETE MASONRY UNIT	REG.	REGISTER
C.O.	CLEAN OUT	REINF.	REINFORCEMENT
COL.	COLUMN	REQ'D.	REQUIRED
COMB.	COMBINATION	REV.	REVISION
CONC.	CONCRETE	RFGS.	ROOFINGS
CONST.	CONSTRUCTION	RM.	ROOM
CONT.	CONTINUOUS	R.O.	ROUGH OPENING
CPF.	CARPET	S.C.	SOLID CORE
CSK.	COUNTERSINK	SCHWD.	SOLID CORE WOOD DOOR
C.T.	CERAMIC TILE	SCHED.	SCHEDULE
C.W.	COLD WATER	SECT.	SECTION
		SQ. FT.	SQUARE FOOT
DET.	DETAIL	SHT.	SHEET
D.F.	DRINKING FOUNTAIN	SIML.	SIMILAR
DIM.	DIMENSION	SLV	SHORT LEG VERTICAL
DN.	DOWN	S.M.	SHEET METAL
DO	DITTO	SPECS.	SPECIFICATIONS
DR.	DOOR	SPKR.	SPEAKER
D.S.	DOWN SPOUT	SG.	SQUARE
DWG.	DRAWING	S.S.	SERVICE SINK
EA.	EACH	S.STL.	STAINLESS STEEL
EF.	EACH FACE	STD.	STANDARD
E.J.	EXPANSION JOINT	STOR.	STORAGE
ELEC.	ELECTRICAL	STL.	STEEL
ELEV.	ELEVATION	STRUC.	STRUCTURAL
ENT.	ENTRANCE	SUSP. CLG.	SUSPENDED CEILING
EQ.	EQUAL		
EQUIP.	EQUIPMENT	T	TREAD
E.W.	EACH WAY	T&G	TONGUE AND GROOVE
EW.C	ELECTRIC WATER COOLER	TEL	TELEPHONE
EXH.	EXHAUST	TH.	THICK
EXISTG.	EXISTING	THR.	THRESHOLD
EXP.	EXPANSION	T.O.B.	TOP OF BEAM
EXT.	EXTERIOR	T.O.C.	TOP OF CURB
(E)	EXISTING	T.O.F.	TOP OF FOOTING
		T.O.M.	TOP OF MASONRY
F.D.	FLOOR DRAIN	T.O.W.	TOP OF WALL
FCO	FLOOR CLEAN OUT	T.S.	TUBE STEEL
FDN.	FOUNDATION	T.T.B.	TELEPHONE TERMINAL BOARD
F.E.	FIRE EXTINGUISHER	TV	TELEVISION
FEC	FIRE EXTINGUISHER CABINET	TYP.	TYPICAL
F.F.E.	FINISH FLOOR ELEVATION		
FIN.	FINISH	U.N.O.	UNLESS NOTED OTHERWISE
FLSH.	FLASHING		
FLR.	FLOOR	V OR VENT	VENTILATE
FLUOR.	FLUORESCENT	VCP	VITRIFIED CLAY PIPE
F.S.	FLOOR SINK	VCT	VINYL COMPOSITION TILE
FT.	FEET	VERT.	VERTICAL
FTG.	FOOTING	VTR	VENT THRU ROOF
FURR.	FURRING		
		W/	WITH
GA.	GALVE	W.C.	WATER CLOSET
GALV.	GALVANIZED	WCO	WALL CLEAN OUT
GFR	GLASS FIBER REINFORCED CONCRETE	W.I.	WROUGHT IRON
GLB	GLUE LAMB BEAM	WRGWB	WATER RESISTANT - GYPSUM WALL BOARD
GWB	GYPSUM WALL BOARD	WSCT.	WAINSCOT
		WT.	WEIGHT
H.B.	HOSE BIB	W.W.M.	WELDED WIRE MESH
H.C.	HOLLOW CORE	WD.	WOOD
HDW.	HARDWARE	WDW.	WINDOW
H.M.	HOLLOW METAL	W.P.	WATER PROOF
HORIZ.	HORIZONTAL	W.R.	WATER RESISTANT
H.P.	HORSEPOWER		
HT.	HEIGHT		
H.W.	HOT WATER		
HWR	HOT WATER RETURN		
ICC.	INTEGRAL COLOR CONCRETE		
LD.	INSIDE DIAMETER		
I.F.	INSIDE FACE		
INFO.	INFORMATION		
INS.	INSULATION		
INT.	INTERIOR		
J.B.	JUNCTION BOX		
J.C.	JANITOR'S CLOSET		
JST.	JOIST		
JT.	JOINT		
LAV	LAVATORY		
MAS.	MASONRY		
MAT.	MATERIAL		
MAX.	MAXIMUM		
M.B.	MACHINE BOLT		
MCJ	MASONRY CONTROL JOINT		
MECH.	MECHANICAL		
MEMB.	MEMBRANE		
MFG.	MANUFACTURER		
M.H.	MANHOLE		
MIN.	MINIMUM		
MISC.	MISCELLANEOUS		
M.L.	METAL LATH		
MO	MASONRY OPENING		
MTD.	MOUNTED		
MTL.	METAL		
MULL	MULLION		

SYMBOLS LEGEND



MATERIALS



PROJECT TEAM

Project Address
 PAINTED SKY ELEMENTARY SCHOOL
 12620 N WOODBURNE AVE
 ORO VALLEY, AZ 85755

Owner
 AMPHITHEATER PUBLIC SCHOOLS
 701 W. WETMORE ROAD
 TUCSON, AZ 85705

Owner Contact
 RICHARD C. LANASA
 CONSTRUCTION PROJECT MANAGER
 AMPHITHEATER PUBLIC SCHOOLS
 520.696.5153

Architect
 BRECKENRIDGE GROUP, INC.
 1735 E. FORT LOWELL ROAD #12
 TUCSON, AZ 85719

SHANE CHISM, AIA, LEED AP
 PROJECT MANAGER
 520.882.9944

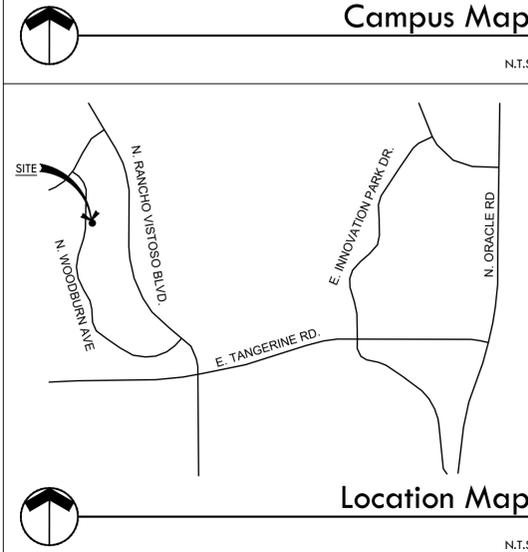
Contractor
 TBD

INDEX

SHEET NUMBER	SHEET TITLE
G1.0	COVER SHEET
G2.0	GENERAL INFORMATION
A1.0	ARCHITECTURAL DEMOLITION ROOF PLAN
A1.1	ROOF PLAN
A2.1	ROOF DETAILS

APPLICABLE CODES

- PROJECT HAS BEEN DESIGNED TO COMPLY WITH 2018 INTERNATIONAL BUILDING CODE (IBC).



Breckenridge Architects Planners
 1735 e ft. lowell rd. #12
 tucson arizona 85719
 520.882.9944

Amphitheater Public Schools
Painted Sky Elementary School
 Building A Roof Replacement



PROJECT NO: 17.14.38

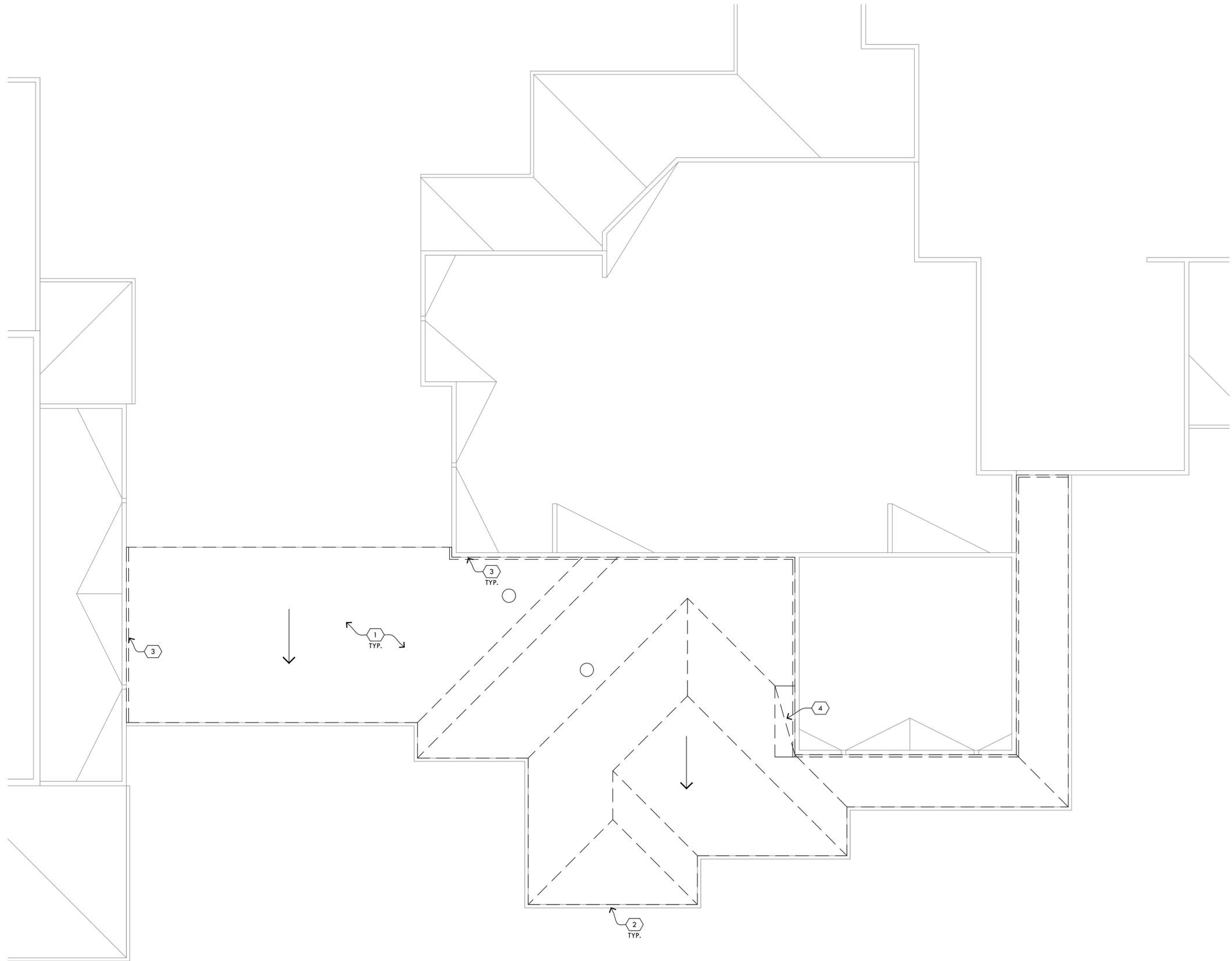
DATE: JUNE 2019

REVISION SCHEDULE		
#	DATE	DESCRIPTION

DRAWN BY: SC
 CHECKED BY: KDB

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AND SEALED BY ARCHITECTS OF BRECKENRIDGE GROUP, INC., ARCHITECTS/PLANNERS, OR DESIGNATED CONSULTANTS. DRAWINGS ARE COPYRIGHTED BY BRECKENRIDGE GROUP ARCHITECTS/PLANNERS. ANY REPRODUCTION OR REUSE WITHOUT WRITTEN PERMISSION IS STRICTLY FORBIDDEN.

General Information
G2.0



Demolition General Notes

1. BUILDING AND SITE WILL BE OCCUPIED DURING CONSTRUCTION.
2. (E) CONDITIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL (E) CONDITIONS.
3. CONDITIONS SHOWN ARE FOR GUIDANCE & GENERAL INFORMATION ONLY. CONTRACTOR SHALL VISIT THE SITE & EVALUATE ALL (E) CONDITIONS IN THE FIELD AND PROVIDE FOR ALL COSTS RELATED TO ACCOMPLISHING THE WORK. NOTES SHOWN IN THE CONTRACT DOCUMENTS SHALL BE INCORPORATED INTO THE PROJECT AT ALL APPROPRIATE LOCATIONS, WHETHER OR NOT SPECIFICALLY REFERENCED.
4. CONTRACTOR SHALL PROTECT EXISTING STRUCTURES AND UTILITIES THAT ARE NOT TO BE REMOVED FROM INJURY OR DAMAGE RESULTING FROM THE CONTRACTOR'S OPERATION. CONTRACTOR SHALL REPLACE DAMAGED IMPROVEMENTS AND UTILITIES IN KIND.
5. ALL SURFACES THAT AN (E) ITEM IS REMOVED FROM SHALL BE PATCHED AND REPAIRED TO MATCH ORIGINAL CONDITION OF THE SURFACE. IF THE SURFACE WILL BE ALTERED OR CHANGED BY THE CONSTRUCTION, PATCH AND REPAIR SHALL MEET CONSTRUCTION REQUIREMENTS. ALL PATCHING AND REPAIR SHALL BE WITH MATERIALS TO MATCH (E) U.N.C.
6. CONTRACTOR SHALL LEAVE AREAS AFFECTED BY DEMOLITION AND SURROUNDING AREAS CLEAN AT THE END OF THE WORK DAY. SURROUNDING AREAS NOT INCLUDED IN THE SCOPE OR LIMITS OF WORK SHALL BE PROTECTED FROM DUST AND DEBRIS.
7. ALL ROOFING TO BE REMOVED AND REPLACED AT AREAS INDICATED. THE TOTAL AREA OF THE ROOF TO BE REMOVED AND REPLACED IS APPROXIMATELY 4,362 SF.
8. ALL ROOF EDGE FLASHING, COPINGS, BASE FLASHING, COUNTER FLASHING, ROOF PENETRATION FLASHING, AND PARAPET SCUPPERS TO REMAIN U.N.C.
9. FOLLOWING THE REMOVAL OF EXISTING ROOFING MATERIAL, THE CONTRACTOR SHALL PERFORM A GENERAL CONDITION SITE INSPECTION. NOTIFY ARCHITECT OF CONDITIONS.
10. THE METAL ROOF DECK SHALL BE CLEANED OF ANY SURFACE CORROSION PRIOR TO REROOFING. IN AREAS OF SEVERE CORROSION, STEEL DELAMINATION, OR OTHER STRUCTURAL CONCERNS, THE CONTRACTOR SHALL CONTACT THE ARCHITECT FOR REPAIR GUIDELINES. SUCH REPAIRS SHALL BE COMPLETED PRIOR TO REROOFING.

Demolition Keynotes

- 1 BASE BID: REMOVE ROOF TILE AND SALVAGE FOR REINSTALLATION. REMOVE UNDERLAYMENT AND GYPSUM SHEATHING TO STRUCTURAL DECK. ALTERNATE: REMOVE ROOF TILE, UNDERLAYMENT, AND GYPSUM SHEATHING TO STRUCTURAL DECK.
- 2 REMOVE GUTTER AND SALVAGE FOR REINSTALLATION.
- 3 REMOVE PERIMETER FLASHING.
- 4 REMOVE ROOFING TO STRUCTURAL DECK.

Breckenridge
 Architects
 Planners

1735 e ft. lowell rd. #12
 tucson arizona 85719
 520.882.9944

Amphitheater Public Schools
Painted Sky Elementary School
 Building A Roof Replacement



PROJECT NO:
17.14.38

DATE:
JUNE 2019

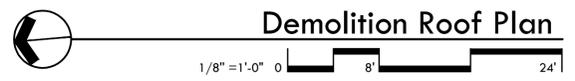
REVISION	SCHEDULE	DATE	DESCRIPTION	ISSUED TO

DRAWN BY: SC
 CHECKED BY: KDB

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY ARCHITECTS OF BRECKENRIDGE GROUP, INC., ARCHITECTS / PLANNERS, OR DESIGNATED CONSULTANTS.

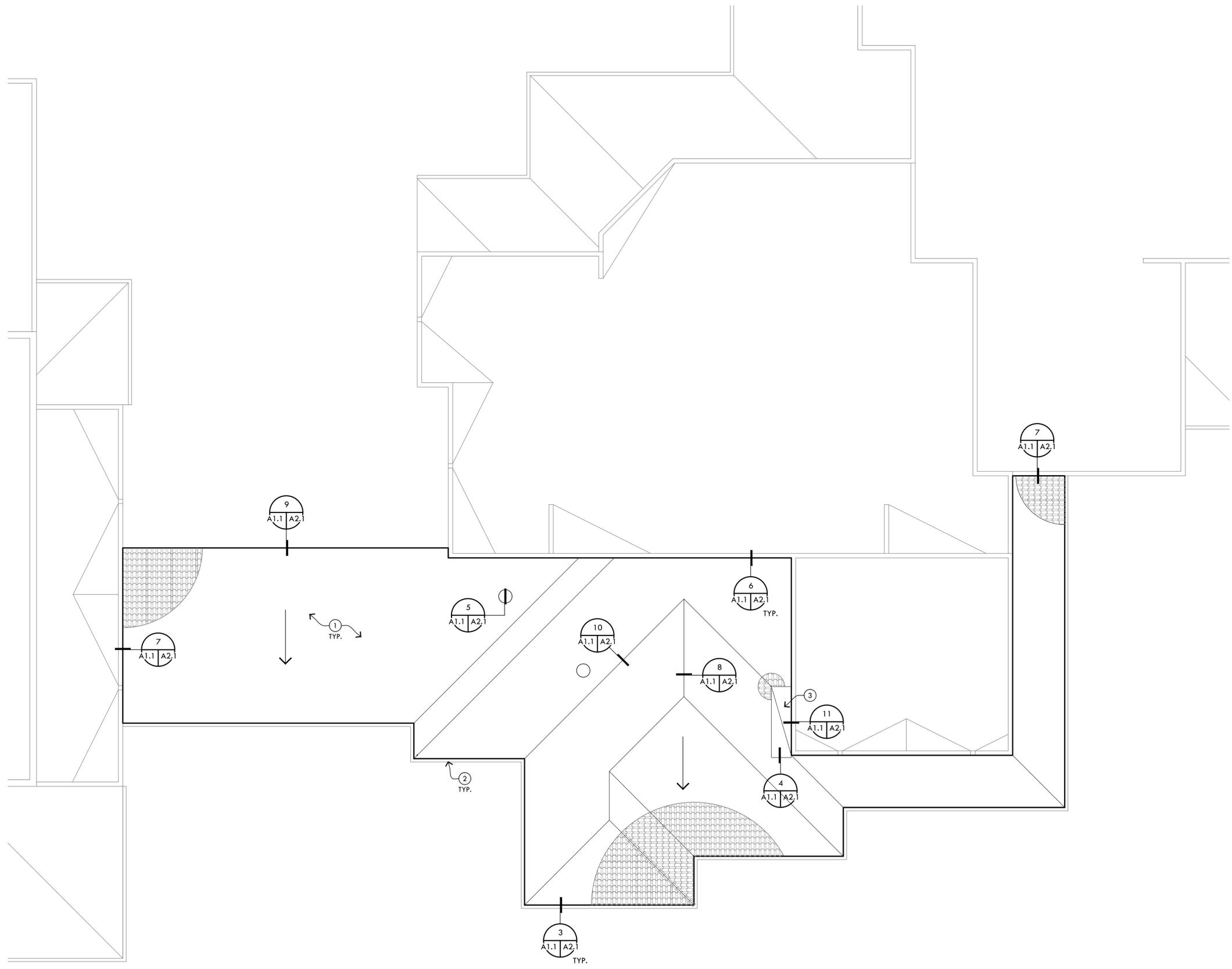
DRAWINGS ARE COPYRIGHTED BY BRECKENRIDGE GROUP ARCHITECTS / PLANNERS. ANY REPRODUCTION OR REUSE WITHOUT WRITTEN PERMISSION IS STRICTLY FORBIDDEN. ©

CHECKED BY:
DRAWN BY:



Demolition
Roof Plan

A1.0



Construction General Notes

1. CONTRACTOR SHALL TAPE CHARCOAL FILTER ROLLS OVER AIR INTAKES AND SHUT OFF FRESH AIR INTAKES ON HVAC UNITS DURING ROOFING INSTALLATION.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DOWNSPOUTS TO BE IN WORKING CONDITION UPON PROJECT COMPLETION, AND PRIOR TO FINAL INSPECTION.

Construction Keynotes

- ① BASE BID: REINSTALL (E) ROOF TILE ON UNDERLAYMENT ON SUBSTRATE BOARD. ALTERNATE: ASPHALT SHINGLES ON UNDERLAYMENT ON SUBSTRATE BOARD.
- ② REMOVE AND REINSTALL (E) GUTTER TO FACILITATE ROOF REPLACEMENT. SEAL JOINTS IN (E) GUTTER.
- ③ ROOFING ON SUBSTRATE BOARD. PROVIDE TAPERED INSULATION TO DIRECT WATER AWAY FROM WALL.

Breckenridge
 architects
 planners

1735 e ft. lowell rd. #12
 tucson arizona 85719
 520.882.9944

Amphitheater Public Schools
Painted Sky Elementary School
 Building A Roof Replacement



PROJECT NO:
17.14.38

DATE:
JUNE 2019

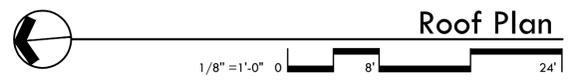
REVISION	SCHEDULE	DATE	DESCRIPTION	ISSUED TO

DRAWN BY: SC
 CHECKED BY: KDB

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY ARCHITECTS OF BRECKENRIDGE GROUP, INC., ARCHITECTS / PLANNERS, OR DESIGNATED CONSULTANTS.

DRAWINGS ARE COPYRIGHTED BY BRECKENRIDGE GROUP ARCHITECTS / PLANNERS. ANY REPRODUCTION OR REUSE WITHOUT WRITTEN PERMISSION IS STRICTLY FORBIDDEN. ©

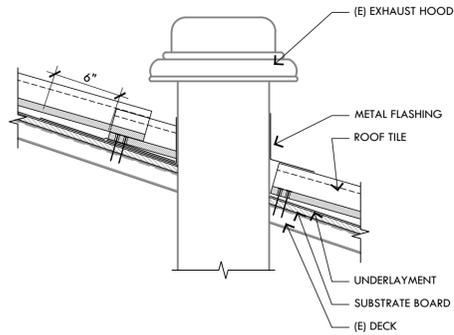
CHECKED BY:
DRAWN BY:



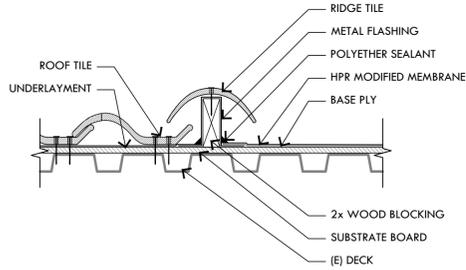
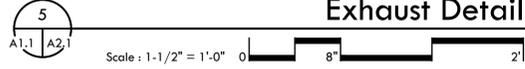
Roof Plan

Roof Plan

A1.1



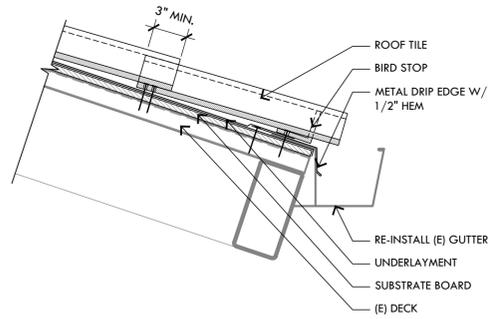
Exhaust Detail



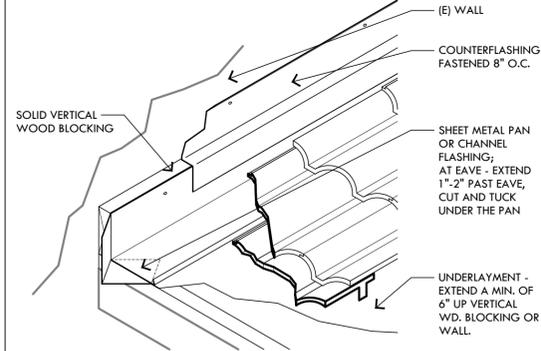
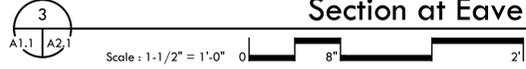
Section at SBS Roof



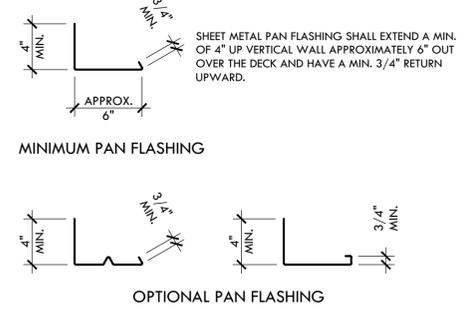
- NOTES:
 1. WRAP UNDERLAYMENT, BASE PLY AND HPR MODIFIED MEMBRANE OVER METAL FLASHING.
 2. INSTALL RIDGE TILES WITH A 3" LAP.
 3. APPLY BEAD OF SEALANT BETWEEN LAP OF EACH RIDGE TILE.



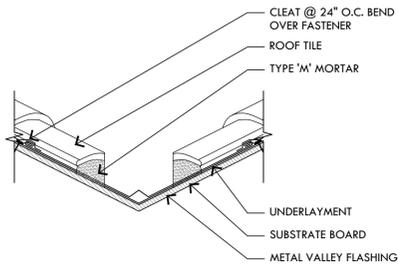
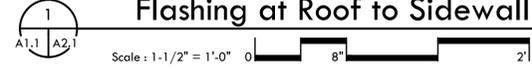
Section at Eave



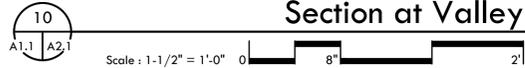
Roof at Side Wall



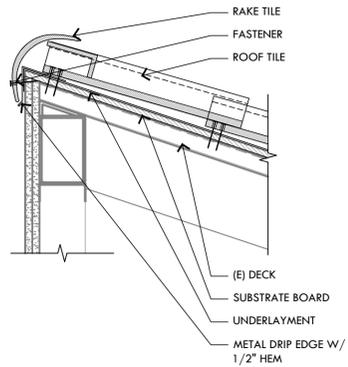
Flashing at Roof to Sidewall



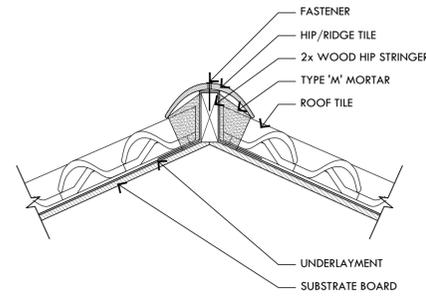
Section at Valley



- NOTES:
 1. DO NOT PENETRATE VALLEY FLASHING. CUT TILE PIECES SHALL BE SECURED WITH CODE APPROVED ADHESIVE OR WIRE TIES WITH TIE OFF TO FASTENER PLACED ABOVE VALLEY FLASHING.
 2. TILE MUST EXTEND A MINIMUM OF 4" OVER THE VALLEY METAL.



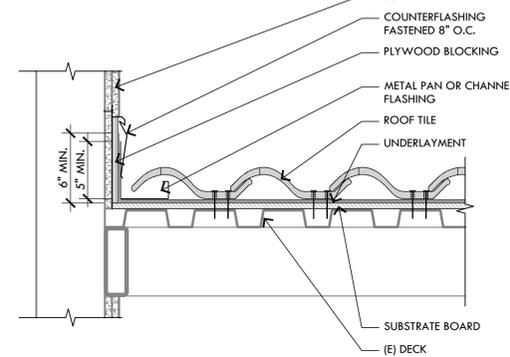
Hip and Ridge One Side



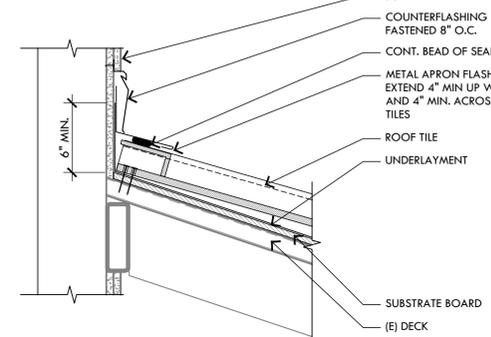
Section at Hip and Ridge



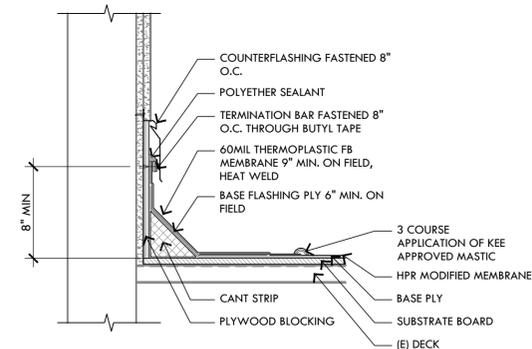
- NOTES:
 1. INSTALL HIP/RIDGE TILES WITH A 3" LAP.
 2. APPLY BEAD OF SEALANT BETWEEN LAP OF EACH HIP/RIDGE TILE.



Section at Side Wall



Section at Head Wall



Counterflashing



Breckenridge
 Architects
 Planners

1735 e ft. lowell rd. #12
 tucson arizona 85719
 520.882.9944

Amphitheater Public Schools
Painted Sky Elementary School
 Building A Roof Replacement



PROJECT NO:
 17.14.38

DATE:
 JUNE 2019

REVISION SCHEDULE:	DATE	DESCRIPTION	ISSUED TO

DRAWN BY: SC
 CHECKED BY: KDB

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY ARCHITECTS OF BRECKENRIDGE GROUP/P.C., ARCHITECTS / PLANNERS, OR DESIGNATED CONSULTANTS.

DRAWINGS ARE COPYRIGHTED BY BRECKENRIDGE GROUP ARCHITECTS / PLANNERS. ANY REPRODUCTION OR REUSE WITHOUT WRITTEN PERMISSION IS STRICTLY FORBIDDEN.

Roof Details

A2.1