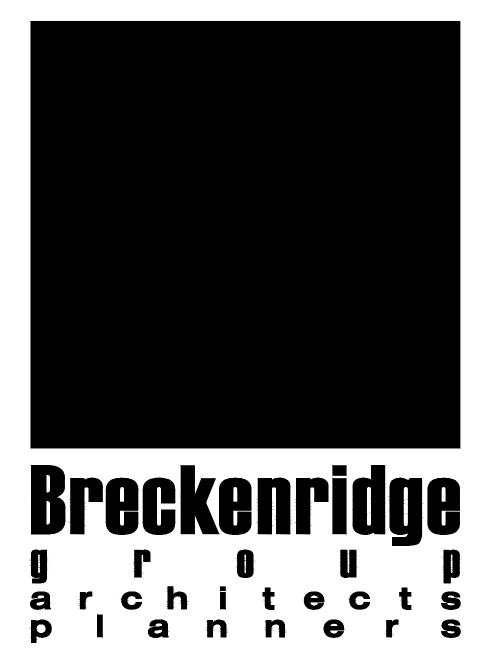
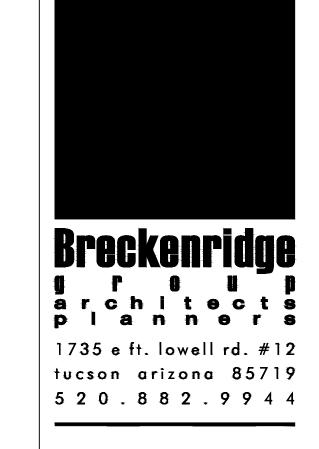
# COPPER CREEK ELEMENTARY SCHOOL MPR ROOF REPLACEMENT

Amphitheater Public Schools

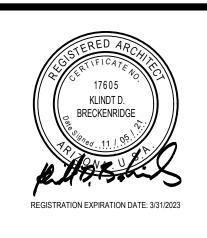
November 2021 100% Construction Documents



Job No. 17.14.72



**Copper Creek Elementary School** 



17.14.72

-OCTOBER 2021

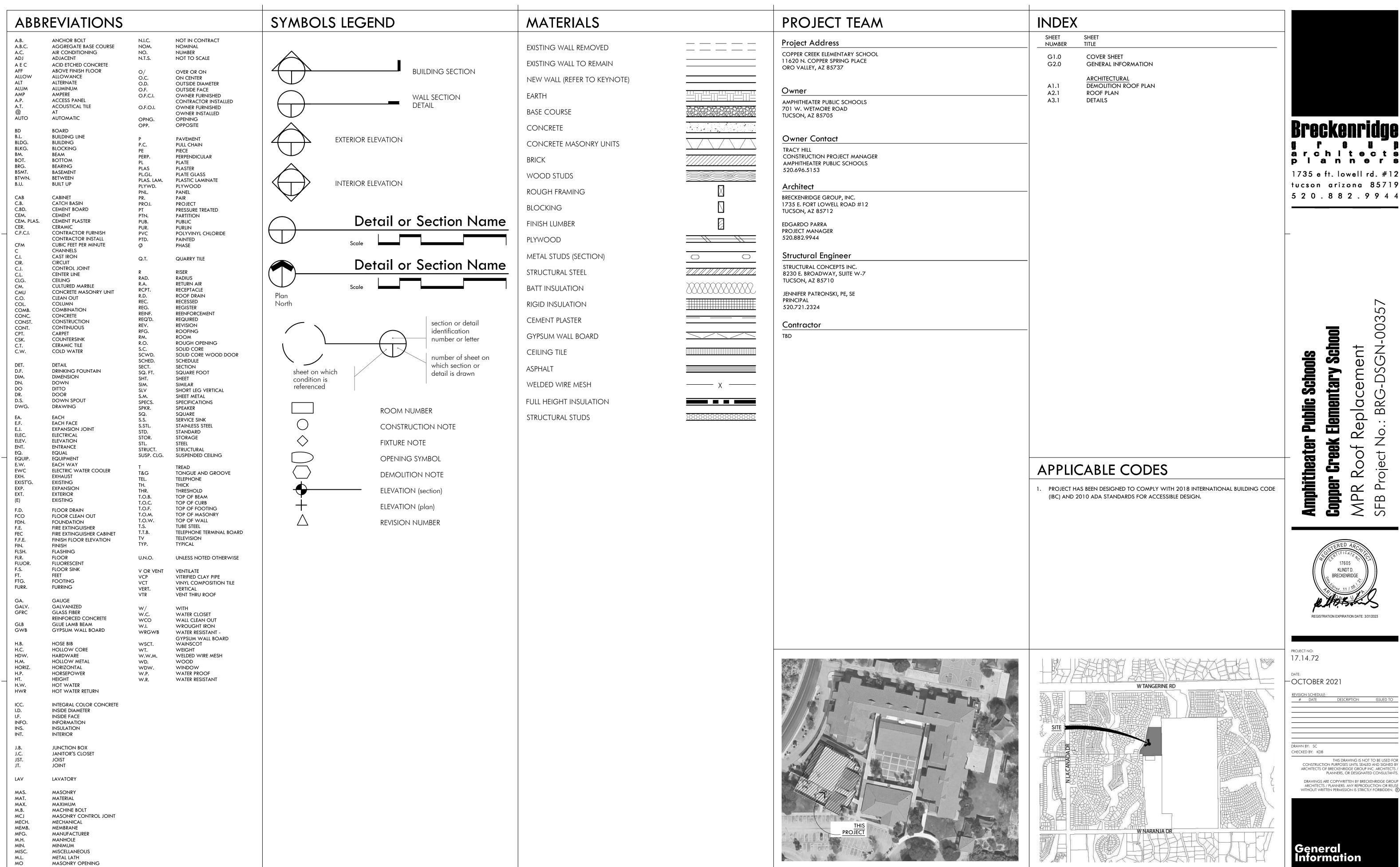
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**Cover Sheet** 



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METAL MULLION General Information

**Location Map** 

Campus Map

N.T.S.

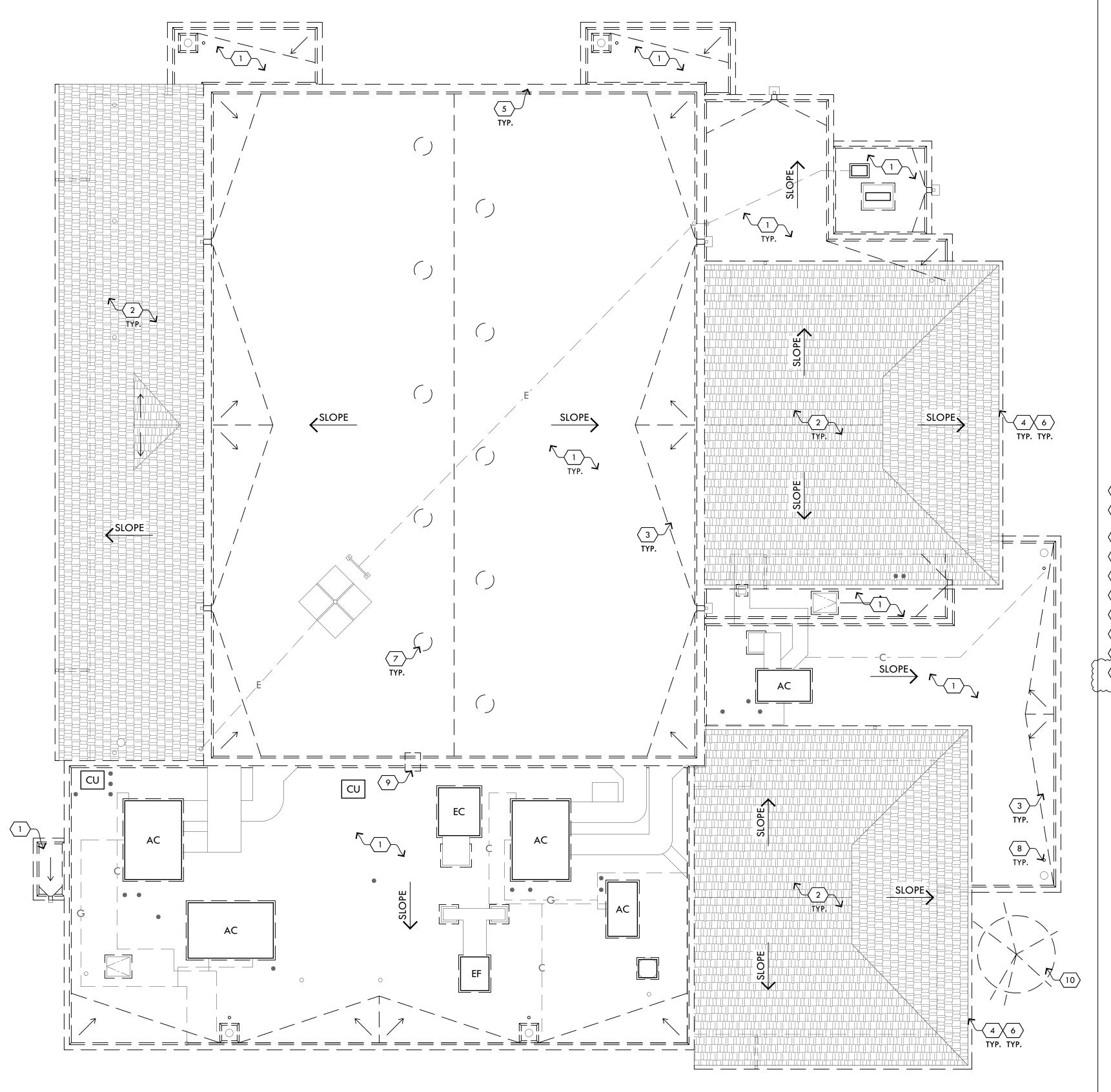
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BRG

Replacement

Roof

MPR



### Demolition General Notes

- 1. BUILDING AND SITE WILL BE OCCUPIED DURING CONSTRUCTION.
- 2. EXISTING CONDITIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS.
- 3. CONDITIONS SHOWN ARE FOR GUIDANCE AND GENERAL INFORMATION ONLY. CONTRACTOR SHALL VISIT THE SITE AND EVALUATE ALL (E) CONDITIONS IN THE FIELD AND PROVIDE FOR ALL COSTS RELATED TO ACCOMPLISHING THE WORK. NOTES SHOWN ON 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 EXISTING 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 EXISTING U.N.O.
- 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. REMOVE ROOFING DOWN TO STRUCTURAL DECK U.N.O.
- 8. ALL ROOF EDGE FLASHING, COPINGS, BASE FLASHING, COUNTERFLASHING, ROOF PENETRATION FLASHING, AND PARAPET SCUPPERS TO BE REMOVED AND REPLACED U.N.O.
- 9. REMOVE EXISTING PITCH POCKETS. PROVIDE LIQUID FLASHING MEMBRANE AT ALL PIPE/CONDUIT PENETRATIONS U.N.O.
- 10. FOLLOWING THE REMOVAL OF EXISTING ROOFING MATERIAL, THE CONTRACTOR SHALL PERFORM A GENERAL CONDITION SITE INSPECTION. NOTIFY ARCHITECT OF CONDITIONS.
- 11. REMOVE EXISTING SEALANT AT ALL WALL CONTROL JOINTS EXPOSED ABOVE THE ROOF AND PROVIDE NEW BACKER ROD AND SEALANT, CONTRACTOR TO FIELD VERIFY ALL LOCATIONS. INCLUDE FACE OF EXTERIOR WALL TO ADJACENT ROOF SURFACE. SEALANT SHALL MATCH EXISTING WALL COLOR WHERE VISIBLE.

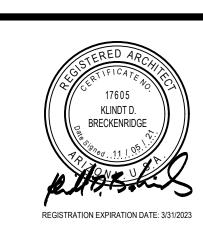
## Demolition Keynotes

- $\left\langle 1\right\rangle$  REMOVE (E) ROOFING TO STRUCTURAL DECK.
- 2 REMOVE (E) ROOF TILES AND SALVAGE FOR RE-INSTALLATION. REMOVE (E) UNDERLAYMENT TO STRUCTURAL DECK.
- 3 REMOVE (E) CRICKET.
- $\langle 4 \rangle$  REMOVE (E) GUTTER.
- 5 REMOVE (E) PARAPET COPING.
- 6 REMOVE (E) SHEET METAL FASCIA.
- 7 REMOVE (E) VENT HOOD.
- 8 REMOVE (E) OVERFLOW DRAIN.
- 9 REMOVE (E) ROOF LADDER.
- $\langle 10 \rangle$  TRIM/REMOVE (E) TREE. COORDINATE WORK WITH DISTRICT.



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> Amphitheater Public Schools Copper Creek Elementary School



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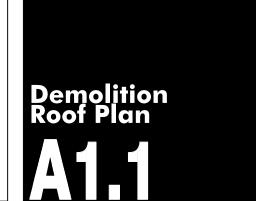
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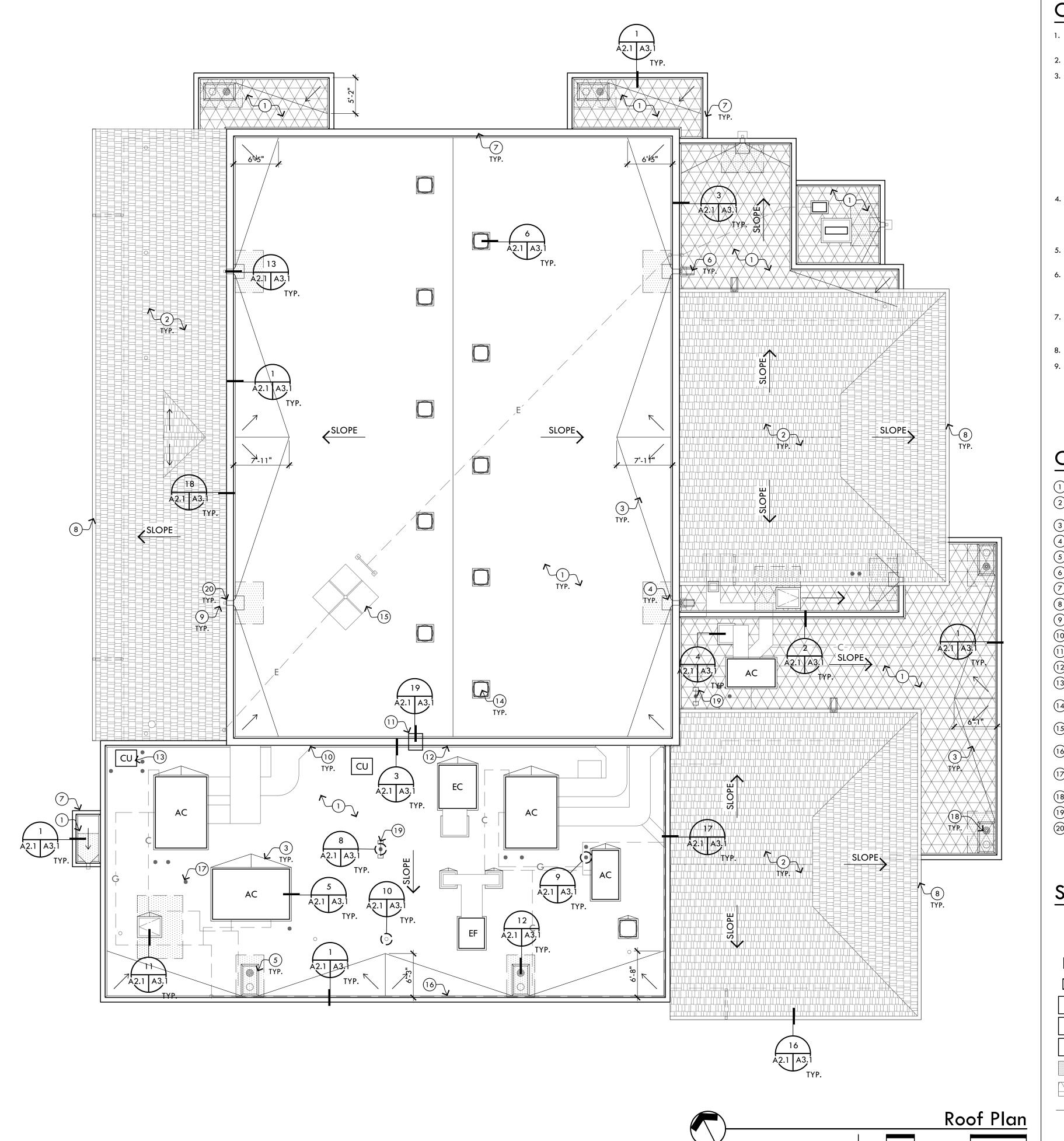
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Demolition Roof Plan

1" = 10'-0" 0 10' 30'



#### Construction General Notes

- CONTRACTOR SHALL TAPE CHARCOAL FILTER ROLLS OVER AIR INTAKES AND SHUT OFF FRESH AIR INTAKES ON HVAC UNITS DURING ROOFING INSTALLATION.
- 2. PROVIDE CONDUIT WITH WEATHERHEAD AT CABLE PENETRATIONS AND LIQUID FLASH.
- 3. REMOVE ALL WOOD AND PVC BLOCKS SUPPORTING DUCTWORK AND PIPING/CONDUIT. ALL DUCTWORK AND PIPING/CONDUIT ON ROOF SHALL BE SUPPORTED USING FACTORY FABRICATED ASSEMBLIES OF SOLID BASE POLYCARBONATE, HIGH DENSITY POLYPROPYLENE PLASTIC, RECYCLED TIRE RUBBER, OR GALVANIZED OR STAINLESS STEEL. SUPPORT ASSEMBLIES SHALL BE VERTICALLY ADJUSTABLE TO ACCOMMODATE SLOPE AND REQUIREMENTS OF THE PROJECT. COORDINATE WITH MANUFACTURER'S REPRESENTATIVE FOR SELECTIONS. FIELD VERIFY PIPING MATERIALS, SIZES, DUTY, LOCATIONS, AND ROOF TYPE. PROVIDE LOOSE-FITTING PIPE CLAMPS AT EACH PIPE SUPPORT; CLAMPS SHALL NOT RESTRICT MOVEMENT OF PIPING. APPROVED MANUFACTURERS: C-PORT/MIFAB (MIFAB.COM), MAPA (MAPAPRODUCTS.COM), MIRO (MIROIND.COM), PHP (PHPSD.COM). PROVIDE SLIP SHEET UNDER ALL EXISTING AND NEW SUPPORTS. EXTEND SLIP SHEET 1/2" BEYOND SUPPORTS.
- 4. REMOVE ALL PLASTIC CONDENSATE DRAIN PIPING. ALL CONDENSATE DRAIN PIPING ON ROOF SHALL BE TYPE 'M' HARD DRAWN COPPER WITH WROUGHT COPPER FITTINGS. AT CONNECTION TO EACH UNIT PROVIDE DIELECTRIC UNION, TRAP, AND OPEN BREATHER TEE ON DISCHARGE SIDE OF TRAP. SLOPE DRAIN PIPING MIN. 1/4" PER FOOT TO APPROVED DRAINAGE LOCATION. PAINT WHITE.
- 5. REMOVE ALL PLASTIC ROOF DRAIN DOMES AND PROVIDE CAST IRON ROOF DRAIN DOMES AT ALL ROOF DRAINS AND OVERFLOWS.
- 6. TEST ALL ROOF DRAINS AND DOWNSPOUTS FOR CLOGS PRIOR TO JOB START.
  CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ROOF DRAINS AND DOWNSPOUTS TO
  BE IN WORKING CONDITION UPON PROJECT COMPLETION, AND PRIOR TO FINAL
  INSPECTION.
- 7. FLOOD COAT A 4-FOOT BY 6-FOOT AREA AROUND ALL DRAINS AND SCUPPERS AND A 3-FOOT WIDE AREA AROUND ROOF HATCHES AS RECOMMENDED BY ROOFING MANUFACTURER. FLOOD COAT BIRD BATH AREAS IF DISCOVERED.
- 8. PROVIDE SLIP SHEET UNDER ALL (E) AND NEW SPLASH BLOCKS.
- RAISE (E) CONDUIT/PIPE PENETRATIONS AS REQUIRED SO THAT 8" MIN. FLASHING ABOVE ROOF IS PROVIDED. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS.

## Construction Keynotes

- (1) ROOFING ON COVER BOARD ON ROOF INSULATION.
- 2 REINSTALL (E) ROOF TILES ON NEW UNDERLAYMENT. REPLACE ALL MISSING, BROKEN, OR DAMAGED TILES.
- (3) TAPERED INSULATION CRICKET SLOPE 1/2" IN 12" MIN.
- PROVIDE TAPERED EDGE STRIP LAST 1'-0" AROUND SCUPPERS.
- 5) PROVIDE TAPERED INSULATION SUMP AT (E) ROOF DRAIN.
- 6 PROVIDE 12"x24" CONC. SPLASH BLOCK W/ SLIP SHEET AT (E) DOWNSPOUT.
- 7 PARAPET COPING CAP.
- 8 GUTTER.
- 9) CUT 4" DIA. OVERFLOW IN (E) CONDUCTOR HEAD.
- (10) SEAL (E) DUCT WALL PENETRATION.
- (11) REPLACE ROOF LADDER PAINT.
- (12) COAT (E) HIGH WALL ABOVE ROOF W/ ELASTOMERIC COATING.
- (13) REMOVE WOOD SUPPORTS UNDER (E) CONDENSING UNIT AND PROVIDE COMPOSITE SUPPORTS W/ SLIP SHEET.
- PROVIDE LOREN COOK MODEL 'PR' GRAVITY VENT ON NEW ROOF CURB TO
- ALLOW FOR PROPER FLASHING. MATCH (E) FREE OPEN AREA.

  (15) COORDINATE W/ OWNER TO TEMPORARILY RELOCATE (E) ANTENNA AND CONDUIT TO FACILITATE ROOF REPLACEMENT.
- (16) RELOCATE (E) WALL MOUNTED GAS PIPING TO ROOF AND PROVIDE ROLLER
- SUPPORTS W/ SLIP SHEET @ 8'-0" O.C. MAX. COORDINATE WORK W/ OWNER.

  17 REMOVE (E) HOSE BIB AND PROVIDE WOODFORD MODEL 'RHY2-MS' ROOF
- (18) PROVIDE OVERFLOW ROOF DRAIN AND DOME.
- (19) REPLACE (E) ELECTRICAL STAND W/ UNISTRUT FRAME ON SUPPORTS.
- REMOVE & REINSTALL CONDUCTOR HEAD TO ENSURE PROPER SEAL AT BOTTOM OF PARAPET SCUPPER. SEAL CONDUCTOR HEAD TO WALL.

# Symbol Legend

- PLUMBING STACK
- CONDUIT/PIPE PENETRATION
- EXHAUST
  - PASSIVE VENT/AIR INTAKE
- AC
- EVAPORATIVE COOLER

AIR CONDITIONING UNIT



CONDENSING UNIT



SELF-ADHERING MEMBRANE ROOFING

FLOOD COAT

- ROOF MOUNTED CONDUIT/PIPING

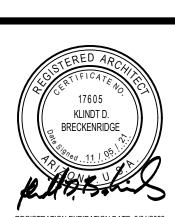
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Roof Plan

