SELECTED DEMOLITION NOTES

1. Remove debris and materials indicated to be removed, salvaged, intricated, or otherwise indicated to be removed.

2. Regulatory Requirements: Consult with building or design professionals having jurisdiction, including the City and any applicable agencies.

3. Owner will assure portions of building immediately adjacent to selective demolition area are secured to prevent damage.

4. Material and tools necessary to complete selective demolition work shall be placed as close to work area as practicable.

5. When performing selective demolition work shall be placed as close to work area as practicable.

6. Material and tools necessary to complete selective demolition work shall be placed as close to work area as practicable.

7. Material and tools necessary to complete selective demolition work shall be placed as close to work area as practicable.

8. Material and tools necessary to complete selective demolition work shall be placed as close to work area as practicable.

9. Material and tools necessary to complete selective demolition work shall be placed as close to work area as practicable.

10. Material and tools necessary to complete selective demolition work shall be placed as close to work area as practicable.

11. Material and tools necessary to complete selective demolition work shall be placed as close to work area as practicable.

12. Material and tools necessary to complete selective demolition work shall be placed as close to work area as practicable.

13. Material and tools necessary to complete selective demolition work shall be placed as close to work area as practicable.

14. Material and tools necessary to complete selective demolition work shall be placed as close to work area as practicable.

15. Material and tools necessary to complete selective demolition work shall be placed as close to work area as practicable.

16. Material and tools necessary to complete selective demolition work shall be placed as close to work area as practicable.

17. Material and tools necessary to complete selective demolition work shall be placed as close to work area as practicable.

18. Material and tools necessary to complete selective demolition work shall be placed as close to work area as practicable.

F. Cover and protect water, heating, ventilation, and air-conditioning systems and other utilities serving Owner.

G. Select equipment and materials at locations where services are located, ensuring that they are installed as close to the service locations as possible.

H. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

I. Ensure selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

J. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

K. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

L. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

M. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

N. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

O. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

P. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

Q. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

R. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

S. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

T. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

U. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

V. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

W. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

X. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

Y. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

Z. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

AA. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

BB. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

CC. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

DD. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

EE. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

FF. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

GG. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

HH. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

II. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

JJ. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

KK. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

LL. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

MM. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

NN. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

OO. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

PP. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

QQ. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

RR. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

SS. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

TT. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

UU. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

VV. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

WW. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

XX. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

YY. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

ZZ. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

AAA. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

BBB. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

CCC. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

DDD. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

EEE. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

FFF. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

GGG. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

HHH. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

III. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

JJJ. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

KKK. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

LLL. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

MMM. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

NNN. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

OOO. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

PPP. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

QQQ. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

RRR. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

SSS. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

TTT. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

UUU. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

VVV. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

WWW. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.

XXX. Complete selective demolition operations above each floor to be removed within existing materials, with the exception of structural elements.
EXISTING CONCRETE CURB
6x8x16 SOLID CMU: TYPICAL

REMOVE EXISTING 6-3/4" HOLLOW METAL FRAME
CAST ALUMINUM EXTENDED WIDTH THRESHOLD: NGP 321 x 355 x 350 WITH 2DKB STOP STRIP, OR APPROVED EQUAL
REFER TO ROOFING DETAILS FOR EXTERIOR WATERPROOFING

NEW 1-3/4", 18 GAUGE (MINIMUM) FLUSH HOLLOW METAL DOOR WITH CONTINUOUS EXPANDED POLYSTYRENE INSULATION: FIELD VERIFY DIMENSIONS. DOOR SHALL BE FURNISHED WITH 1-1/2 PAIR NEW STAINLESS STEEL BUTTS, NEW CLOSER (LCN 4014 OR EQUAL), WEATHERSTRIP, SWEEP, AND STOP. REINSTALL EXISTING LOCKSET IN NEW DOOR.

NEW 8-3/4" HOLLOW METAL MASONRY FRAME, SECURED TO EXISTING BLOCK WALL WITH EWA ANCHORS: FIELD VERIFY DIMENSIONS

EXISTING 4" CONCRETE PANEL
EXISTING 8" CMU

PAINT EXPOSED SURFACED OF NEW CMU TO MATCH EXISTING: TYPICAL

SET THRESHOLD IN CONTINUOUS MASTIC BED OVER TERMINATION OF ROOF FLASHING

EXISTING ROOF DECK
1. THESE GENERAL NOTES SHALL APPLY UNLESS OTHERWISE SPECIFICALLY NOTED ON PLANS AND DETAILS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SHALL COORDINATE ALL PLANS AND DETAILS WITH ACTUAL FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT AND BEFORE STARTING WORK. CONSULTANT SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. WORKSHIPS AND MATERIALS SHALL COMPLY WITH THE LATEST EDITION OF THE APPLICABLE BUILDING OR PLUMBING CODE, OR OTHER APPLICABLE CODE, WHOEVER IS THE MORE STRINGENT.

2. WORK COVERED IN THESE PLANS INCLUDES ALL PIECES, PARTS, FEATURES, COMPONENTS, AND TECHNIQUES FOR A COMPLETE ASSEMBLY NORMALLY ASSOCIATED WITH WORK OF THE TYPE BEING CONSTRUCTED; WHETHER OR NOT SUCH ALL PIECES, PARTS AND COMPONENTS ARE SHOWN ON THE PLANS AND DETAILS.

3. ALL CONSTRUCTION OF ANY TYPE, INCLUDING FASTENING OR ATTACHMENT OF WOOD BLOCKING, NAILERS, STEEL ANGLES, DECKING, AND SHEET METAL SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS FOR THE LATEST EDITION OF FACTORY MUTUAL BULLETIN 1-4R, OR THE TEXAS WINDSTORM ACT IN LOCATIONS WHERE APPLICABLE.

4. ALL WOOD BLOCKING AND LUMBER SHALL BE KILN-DRIED AFTER TREATMENT (KDAT). ALL LUMBER AND WOOD BLOCKING SHALL BE FASTENED WITH SCREWS ONLY. NO NAILS. ALL JOINTS SHALL BE STAGGERED 1" MINIMUM FROM CONSECUTIVE PIECES. PARAPETS OR OTHER WALLS RECEIVING COPING OR FASCIA SHALL HAVE A 1/2" PER FOOT MINIMUM BEEVED OR SLOPED KDAT WOOD SURFACE AT THE TOP TO DRAIN TOWARD THE ROOF SIDE OF THE BUILDING.

5. ALL FASTENERS PENETRATING TREATED LUMBER SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED UNLESS OTHERWISE STIPULATED HEREIN.

6. ALL WOOD SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE AMERICAN PLYWOOD ASSOCIATION (APA).

7. ALL BASE SHEET OR INSULATION FASTENING PATTERN SHALL COMPLY WITH SPECIFIED ROOF UPLIFT PRESSURES TO COMPLY WITH THE CURRENT APPLICABLE BUILDING CODE AND FACTORY MUTUAL LOSS PREVENTION DATA SHEET 1-29 - WIND DESIGN.

8. ALL SHEET METAL WORK SHALL COMPLY WITH SAMA.

9. ALL SHEET METAL EDGING, GRAVEL GUARD, FASCIA, AND COPING SHALL HAVE CONTINUOUS CLATS FASTENED AT 6" O.C. ONE GAUGE HEAVIER THAN THE MATERIAL BEING ATTACHED. A SEPARATE SHEET SHALL SEPARATE SHEET METAL FROM TREATED LUMBER. FASCIA AND COPING SHALL HAVE A SECONDARY WATERPROOFING MEMBRANE BELOW THE METAL COVERING THE FULL COPING OR FASCIA SPAN. GLEA JOINTS SHALL BE STAGGERED FROM ATTACHED COMPONENTS. ALL METAL EDGINGS, GRAVEL GUARD, FASCIA SHALL HAVE BACK-UP AND COVER PLATES. ALL PARAPET CAPS, COPING AND EXPANSION JOINTS SHALL HAVE DOUBLE LOCKED MINIMUM 1" TALL STANDING SEAM AT JOINTS UNLESS OTHERWISE STIPULATED ELSEWHERE. EXPOSED SHEET METAL EDGES SHALL BE HEMMED MIN. 2".

10. ALL SHEET METAL COMPONENT CORNERS, T-INTERSECTIONS, AND TERMINATIONS SHALL HAVE EACH LEG EXTENDING AT LEAST 18" IN EITHER DIRECTION, AND SHALL BE MADE AS A SINGLE UNIT PIECE. JOINTS SHALL BE SOLDERED EXCEPT IN THE CASE OF PREFINISHED METAL.

11. ALL GUTTERS SHALL HAVE A MINIMUM OF 6" PER FOOT SLOPE FOR DRAINAGE. GUTTER EXPANSION JOINTS SHALL BE INSTALLED AT INTERVALS NOT TO EXCEED 40 FEET. GUTTERS SHALL HAVE SPACERS CONSTRUCTED OF 1/8" X 1" GALVANIZED STEEL AT 3'-0" O.C. GUTTERS SHALL HAVE EXTERNAL BRACKETS MADE OF 1/8" X 1" GALVANIZED STEEL AT 4'-0" O.C., AND SUCH BRACKETS SHALL BE FIELD PRIMED AND PAINTED TO MATCH THE SHEET METAL.

12. NO SCUPPERS, DOWNSPOUTS, OVERFLOW DRAIN OUTLETS, OR OTHER WATER DISCHARGE POINTS SHALL BE PERMITTED OVER DOORS, WINDOWS, SIDEWALKS, OR OTHER LOCATIONS INCONVENIENT TO PERSONS USING THE BUILDING OR WHERE SUCH DISCHARGE POINTS MAY CAUSE A SLIPPING HAZARD IN ICY CONDITIONS.

13. ALL GUTTERS SHALL HAVE DOWNSPOUTS OF SIZE SPECIFIED AT INTERVALS NOT TO EXCEED 30 FEET. ALL GUTTER SECTIONS SHALL HAVE AT LEAST ONE DOWNSPOUT. WHERE CORNERS ARE PRESENT, DOWNSPOUTS SHALL BE LOCATED SO THAT WATER WILL NOT HAVE TO FLOW AROUND CORNERS. ALL DOWNSPOUTS SHALL HAVE AT LEAST TWO STRAPS. UNLESS OTHERWISE STIPULATED ELSEWHERE, ALL DOWNSPOUTS EXTENDING TO THE GROUND SHALL HAVE A MINIMUM 30" CAST IRON/DOWNSPOUT BOOT AND DISCHARGE ONTO A CONCRETE SPLASH BLOCK.

14. CRICKETS WITH A MINIMUM FINISHED SLOPE OF 14" PER FOOT SHALL BE INSTALLED BETWEEN ALL DRAINS, AT WALLS THAT BLOCK DRAINAGE, AT CURBS WIDER THAN 24", AND WHERE NECESSARY FOR PROPER DRAINAGE, WHETHER SHOWN ON THE PLANS AND DETAILS OR NOT.

15. ALL ROOF DRAINS SHALL HAVE 2" TAPERED INSULATION Sumps EXTENDING A MINIMUM OF TWO FEET IN EACH DIRECTION FROM THE DRAIN BODY.

16. ALL ROOF COMPONENTS SHALL BE PROTECTED BY ALL NECESSARY MEANS FROM DAMAGE OR CONTAMINATION BY OTHER TRADES.

17. ROOFTOP EQUIPMENT CANNOT BE ITS OWN COUNTERFLASHING. ALL MECHANICAL EQUIPMENT CURBS MUST HAVE A TWO-PIECE REMOVABLE COUNTERFLASHING AND RECEIVING IN ADDITION TO THE MECHANICAL EQUIPMENT FLANGE.

18. ALL METAL FLASHINGS AND SCUPPERS SHALL BE SUPPORTED BY WOOD BLOCKING THE SAME THICKNESS AS THE INSULATION. WOOD BLOCKING SHALL EXTEND A MINIMUM OF 1-1/2" PAST THE METAL FLANGE OF THE FLASHING.

19. PITCH PANS, CHIM CURBS, AND SEALANT PocketS OR SIMILAR ARE PROHIBITED.

20. ALL SHEET METAL AND OTHER SUBSTRATES RECEIVING ELASTOMERIC SEALANT SHALL BE PRIMED WHETHER REQUIRED BY THE MANUFACTURER OR NOT. SEALANT COLORS SHALL MATCH THE MATERIAL BEING USED.

21. WALKWAY PROTECTION MATERIAL SHALL BE INSTALLED AROUND THE FULL PERIMETER OF ALL POWERED OR MOTORIZED EQUIPMENT, ROOF HATCHES, ROOFTOP ACCESS DOORWAYS, AND LADDER LANDINGS.
OSHA COMPLIANT GUARD RAIL AND BASE, SET BASE ON PVC TRAVERSE HAX DERIV.  
CROSSOVER STAIR AS SPECIFIED.  
EXISTING LOCATION OF GAS PIPING, BASE PIPING A MINIMUM 8" ABOVE FINISHED ROOF AND PAINT AS SPECIFIED, RE: MEP DRAWINGS.  
EXISTING ROOFTOP SOLAR PHOTOVOLTAIC SYSTEM-TEMPORARILY REMOVE, REMOVE AND DISPOSE EXISTING GUARDRAIL.  
EXISTING ROOF AREA DIVIDER, REMOVE AND DISPOSE EXISTING GUARDRAIL.  
EXISTING ROOFTOP SOLAR PHOTOVOLTAIC SYSTEM-TIMORARILY REMOVE, STORE, RE-INSTALL, AND COMMISSION AS SPECIFIED.  
REPLACE DOOR AS SPECIFIED.  
EXISTING FINISH.  
RUSTICATION JOINTS AND GRIND PRECAST SUBSTRATE SMOOTH TO MATCH EXISTING PRECAST CONCRETE PANEL PARAPET WALLS HAVE EXPOSED DRAIN.  
REPLACE PRIMARY ROOF DRAIN AND ROOF DRAIN PIPING, RE: MEP DRAWINGS.  
REPLACE EXISTING ROOF DRAIN PER MEP DRAWINGS.  
NEW SECONDARY EMERGENCY OVERFLOW ROOF DRAIN AND OVERFLOW ROOF DRAIN PIPING, RE: MEP DRAWINGS.  
NEW ROOF AREA DIVIDER.  
KEY NOTES:  
305 EAST HUNTLAND DRIVE  
SUITE 200  
Austin, Texas 78752  
512.453.1734  
512.453.0767  
www.jimwhitten.com  
Jim Whitten  
CONSULTANTS IN ROOFING AND WATERPROOFING  
Roof Consultants, LLC  
RESPONSIBLE FOR FIELD VERIFICATION OF FIELD PENETRATIONS AND QUANTITIES AS SHOWN IN DETAIL.  
REFERENCE ONLY.  
LOCATION AND QUANTITY OF ROOF OBJECTS, PENETRATIONS AND EQUIPMENT AS SHOWN IN DETAIL TO BE TREATED IN A SIMILAR MANNER.  
PLAN NOTE 1  
EXISTING TOILET, SHOWER, AND BATHROOM PENETRATIONS ARE SHOWN AS REFERENCED IN THE DRAWINGS BY SECTION.  
IT IS INTENDED THAT THESE SHOWN IN DETAIL, ARE TO BE TREATED IN A SIMILAR MANNER.  
PLAN NOTE 2  
LOCATION AND QUANTITY OF ROOF OBJECTS, PENETRATIONS AND EQUIPMENT AS SHOWN IN DETAIL TO BE TREATED IN A SIMILAR MANNER.  
THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF QUANTITIES & LOCATIONS PRIOR TO BIDDING.
23'-8" 23'-8" 69'-9" 23'-8" 23'-8" 23'-8" 23'-8" 23'-8" 23'-8" 23'-8" 23'-8" 23'-8" 23'-8" 23'-8"
1'-4" 1'-4" 1'-4" 1'-4" 1'-4" 1'-4" 1'-4" 1'-4" 1'-4" 1'-4" 1'-4" 1'-4" 1'-4" 1'-4"
222'-5" 222'-5"
A
9.1 1'-4" +9.00" +9.00" +9.00" +9.00" 1'-4" 1'-4" 1'-4" 1'-4" 1'-4" 1'-4" 1'-4" 1'-4"
1 3 3 3 6 10 9 10 10 10 10 10 10
12 14 14 14 14 14 14 14 14 14 14 14 14 14

**Plan Note 1:**
Typical roof penetrations are shown as referenced in the drawings by section cuts. It is intended that conditions similar to those shown in detail are to be treated in a similar manner.

**Plan Note 2:**
Location and quantity of roof objects, penetrations, and equipment are for reference only. The contractor is responsible for field verifying quantities & locations prior to bidding.

**Construction Document Submission:**
100% Plan Submission

**Plan Title:**
TPWD HEADQUARTERS BUILDING EXTERIOR RENOVATION
PROJECT NUMBER: 1110099

**Sheet Title:**
PARTIAL ROOF PLAN (A)

**Drawing Scale:**
1:18=1'-0"

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

**KEY PLAN SYMBOLS LEGEND:**

- **Symbols & Legends:**
  - Existing Curb
  - Existig Vent
  - Condensate Drain
  - Exhaust Fan
  - Overflow Roof Drain
  - Satellite Dish
  - Traffic Pad
  - Not in Contract

**Construction Document:**
Submit 100%

---

**Contractor:**
Jim Whitten
Roof Consultants, LLC
CONSULTANTS IN ROOFING AND WATERPROOFING

**Address:**
P.O. Box 200925
Austin, TX 78720

**Phone:**
Office: (512) 250-0999
Fax: (512) 250-9711

**Website:**
www.jimwhitten.com
OSHA COMPLIANT GUARD RAIL AND BASE. SET BASE ON PVC TRAFFIC/WALK PAD.

EXISTING PRECAST CONCRETE PANEL PAVEMENTS HAVE EXPOSED AGGREGATE WITH SMOOTH FINISH/STRIATION JOINTS MEASURING APPROXIMATELY 3-5/8" WIDE BY 1-1/2" DEEP, SPACED APPROXIMATELY 6" O.C. REMOVE AND DISPOSE A MINIMUM 8" ABOVE FINISHED ROOF AND PLACE AS SPECIFIED PER MEP DRAWINGS.

EXISTING ROOFTOP SOLAR PHOTOVOLTAIC SYSTEM - TEMPORARILY REMOVE AND STORE AS SPECIFIED. REMOVE AND DISPOSE EXISTING TRAY RACKS, AS SPECIFIED.

REPLACE DOOR AS SPECIFIED.

EXISTING FINISH.

EXISTING PRECAST CONCRETE PANEL PARAPET WALLS HAVE EXPOSED AGGREGATE WITH SMOOTH FINISH RUSTICATION JOINTS MEASURING APPROXIMATELY 3-5/8" WIDE BY 1-1/2" DEEP, SPACED APPROXIMATELY 6" O.C. REMOVE AND DISPOSE A MINIMUM 8" FROM THE BOTTOM OF THE PARAPET WALLS AND GRIND PRECAST SUBSTRATE SMOOTH TO MATCH EXISTING FINISH.

REPLACE DOOR AS SPECIFIED.

NEW PRIMARY ROOF DRAIN AND ROOF DRAIN PIPING. RE: MEP DRAWINGS.

NEW ROOF AREA DIVIDER.

EXISTING ROOFTOP SOLAR PHOTOVOLTAIC SYSTEM - TEMPORARILY REMOVE, STORE, RE-INSTALL AND COMMISSION AS SPECIFIED.

SCOPE OF WORK AT ALL EXISTING TPO EYEBROW ROOFS LIMITED TO REPAIRS AS SPECIFIED.

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

BUILDING B ROOF PLAN

TPWD HEADQUARTERS BUILDING

EXTERIOR RENOVATION

PROJECT NUMBER: 1110099

BUILDING B ROOF PLAN

N.I.C.

100% CD ROOF PLANS_04.28.2021.dwg
**PLAN NOTE 1**

Typical roof penetrations are shown as referenced in the drawings by section cuts. It is intended that conditions similar to those shown in detail are to be treated in a similar manner.

**PLAN NOTE 2**

Location and quantity of roof objects, penetrations, and equipment are for reference only. The contractor is responsible for field verifying quantities & locations prior to bidding.

**KEYED NOTES:**

1. OSHA compliant guard rail and base. Set base 0.5" PVC Traffform a pad.
2. Crossover stair as specified.
6. New roof area divider.
7. Existing rooftop solar photovoltaic system temporarily remove, store, re-install, and commission as specified.
8. Scope of work at all existing TPV eyebrow roofs limited to repairs as specified.
9. Write:
10. Osha compliant guard rail and base. Set base 0.5" PVC Traffform a pad.
11. Crossover stair as specified.
15. New roof area divider.
16. Existing rooftop solar photovoltaic system temporarily remove, store, re-install, and commission as specified.
17. Scope of work at all existing TPV eyebrow roofs limited to repairs as specified.
KEYED NOTES:

1. PER FOOT TAPERED POLYISOCYANURATE CRICKET
2. PER FOOT TAPERED POLYISOCYANURATE SUMP, MIN. 2 EACH WAY FROM DRAIN.
3. EXISTING PRECAST CONCRETE PANEL PARAPET WALLS HAVE EXPOSED AGGREGATE WITH SMOOTH FINISH RUSTICATION JOINTS MEASURING APPROXIMATELY 3-5/8" WIDE BY 1-1/2" DEEP; SPACED APPROXIMATELY 6" O.C. REMOVE AND DISPOSE A MINIMUM 16" BEYOND THE BOTTOM OF THE RUSTICATION JOINTS AND GRIND PRECAST SUBSTRATE SMOOTH TO MATCH EXISTING FINISH.
4. REPLACE DOOR AS SPECIFIED.

PLAN NOTE 1:

TYPICAL ROOF PENETRATIONS ARE SHOWN AS REFERENCED IN THE DRAWINGS BY SECTION CUTS. IT IS INTENDED THAT CONDITIONS SIMILAR TO THOSE SHOWN IN DETAIL ARE TO BE TREATED IN A SIMILAR MANNER.

PLAN NOTE 2:

LOCATION AND QUANTITY OF ROOF OBJECTS, PENETRATIONS AND EQUIPMENT ARE FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING QUANTITIES & LOCATIONS PRIOR TO BIDDING.

NEW PRIMARY ROOF DRAIN AND ROOF DRAIN PIPING, RE: MEP DRAWINGS.
NEW SECONDARY EMERGENCY OVERFLOW ROOF DRAIN AND OVERFLOW ROOF DRAIN PIPING, RE: MEP DRAWINGS.
NEW ROOF AREA DIVIDER.
EXISTING ROOFTOP SOLAR PHOTOVOLTAIC SYSTEM - TEMPORARILY REMOVE AND STORE, RE-INSTALL AND COMMISSION AS SPECIFIED.
SCOPE OF WORK AT ALL EXISTING TPO EYEBROW ROOFS LIMITED TO REPAIRS AS SPECIFIED.

REPLACE EXISTING ROOF DRAIN PER MEP DRAWINGS.
NEW PRIMARY ROOF DRAIN AND ROOF DRAIN PIPING, RE: MEP DRAWINGS.
NEW ROOF AREA DIVIDER.
EXISTING ROOFTOP SOLAR PHOTOVOLTAIC SYSTEM - TEMPORARILY REMOVE AND STORE, RE-INSTALL AND COMMISSION AS SPECIFIED.
SCOPE OF WORK AT ALL EXISTING TPO EYEBROW ROOFS LIMITED TO REPAIRS AS SPECIFIED.

TYPICAL ROOF PENETRATIONS ARE SHOWN AS REFERENCED IN THE DRAWINGS BY SECTION CUTS. IT IS INTENDED THAT CONDITIONS SIMILAR TO THOSE SHOWN IN DETAIL ARE TO BE TREATED IN A SIMILAR MANNER.

LOCATION AND QUANTITY OF ROOF OBJECTS, PENETRATIONS AND EQUIPMENT ARE FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING QUANTITIES & LOCATIONS PRIOR TO BIDDING.

REPLACE EXISTING ROOF DRAIN PER MEP DRAWINGS.
NEW PRIMARY ROOF DRAIN AND ROOF DRAIN PIPING, RE: MEP DRAWINGS.
NEW PRIMARY ROOF DRAIN AND ROOF DRAIN PIPING, RE: MEP DRAWINGS.
NEW ROOF AREA DIVIDER.
EXISTING ROOFTOP SOLAR PHOTOVOLTAIC SYSTEM - TEMPORARILY REMOVE AND STORE, RE-INSTALL AND COMMISSION AS SPECIFIED.
SCOPE OF WORK AT ALL EXISTING TPO EYEBROW ROOFS LIMITED TO REPAIRS AS SPECIFIED.

TYPICAL ROOF PENETRATIONS ARE SHOWN AS REFERENCED IN THE DRAWINGS BY SECTION CUTS. IT IS INTENDED THAT CONDITIONS SIMILAR TO THOSE SHOWN IN DETAIL ARE TO BE TREATED IN A SIMILAR MANNER.

LOCATION AND QUANTITY OF ROOF OBJECTS, PENETRATIONS AND EQUIPMENT ARE FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING QUANTITIES & LOCATIONS PRIOR TO BIDDING.

REPLACE EXISTING ROOF DRAIN PER MEP DRAWINGS.
NEW PRIMARY ROOF DRAIN AND ROOF DRAIN PIPING, RE: MEP DRAWINGS.
NEW SECONDARY EMERGENCY OVERFLOW ROOF DRAIN AND OVERFLOW ROOF DRAIN PIPING, RE: MEP DRAWINGS.
NEW ROOF AREA DIVIDER.
EXISTING ROOFTOP SOLAR PHOTOVOLTAIC SYSTEM - TEMPORARILY REMOVE AND STORE, RE-INSTALL AND COMMISSION AS SPECIFIED.
NEW PRIMARY ROOF DRAIN AND ROOF DRAIN PIPING, RE: MEP DRAWINGS.
NEW SECONDARY EMERGENCY OVERFLOW ROOF DRAIN AND OVERFLOW ROOF DRAIN PIPING, RE: MEP DRAWINGS.
NEW ROOF AREA DIVIDER.
EXISTING ROOFTOP SOLAR PHOTOVOLTAIC SYSTEM - TEMPORARILY REMOVE AND STORE, RE-INSTALL AND COMMISSION AS SPECIFIED.
80-MIL PVC FULL ADHESION APPLICATION
1/2" COVERBOARD
1/8"/FT TAPERED POLYISOCYANurate SUMP
EXISTING LWIC VENTING FIBERGLASS BASE SHEET
EXISTING CONCRETE DECK
EXISTING CAST IRON DRAIN
CAST IRON DRAIN EXTENSION RE: MEP DRAWINGS
OVERFLOW DRAIN COLLAR RE: MEP DRAWINGS
80-MIL PVC FULL ADHESION APPLICATION
1/2" COVERBOARD
1/8"/FT TAPERED POLYISOCYANurate VENTING FIBERGLASS BASE SHEET
EXISTING LWIC
EXISTING CONCRETE DECK
OVERFLOW CAST IRON DRAIN EXTENSION RE: MEP DRAWINGS
NOTE: DO NOT SUMP OVERFLOW DRAIN

1 ROOF DRAIN FLASHING
SCALE 1/4"=1'-0"

2 OVERFLOW ROOF DRAIN FLASHING
SCALE 1/4"=1'-0"

3 NOT USED
SCALE N.T.S.

4 NOT USED
SCALE N.T.S.

5 NOT USED
SCALE N.T.S.

6 NOT USED
SCALE N.T.S.
EXISTING EQUIPMENT CURB FLASHING

Sheet Metal Enclosure for Piping

Not Used

Condensing Unit/Elec Disconnect Supports

Rooftop Pipe Supports

Rooftop Duct Supports

Details
1. REMOVE ALL EXISTING FLASHINGS, LEADS, ETC.
2. PIPE SURFACE MUST BE FREE OF ALL RUST, GREASE, INSULATION, ETC.
3. PIPE MUST BE ANCHORED TO ENSURE STABILITY.
4. NO WRINKLES OR FOLDS UNDER CLAMPING RING.
5. DO NOT USE WHEN SERVICE LINE TEMP. EXCEEDS 180°F.

NOTES:
1. FLASHING HEIGHT 12'' MINIMUM
2. 4" MIN. RECEIVER AND COUNTER FLASHING
3. 24 GA. G-90 METAL DUCT SHROUD (THICKNESS VARIES)
4. NEW 2 PC. COUNTER & RECEIVER UNDER SHROUD & OVER CURB
5. 24 GA. GALV STEEL CAP
6. 24 GA. GALV STEEL COUNTERFLASHING
7. 18" MIN. HT. FROM FINISHED ROOF TO TOP OF CURB
8. METAL LINER VARIES
9. EXISTING SIDE DISCHARGE UNIT TO REMAIN
10. SEALANT TAPE & SCREWS WITH NEOPRENE WASHERS @ 6" O.C. ON ALL SIDES.
11. NEW PVC COUNTERTOP & RECEIVER UNDER SHADOW & OVER CURB
12. HAT MIN. HT. FROM FINISHED ROOF TO TOP OF CURB

SCALE: N.T.S.

Sheet Title: PRE-MFD PLUMBING VENT FLASHING
Sheet Number: 1

Sheet Title: ROUND PENETRATION FLASHING >6" DIAM
Sheet Number: 2

Sheet Title: EXISTING EQUIPMENT CURB EXTENSION
Sheet Number: 3

Sheet Title: SQUARE TO ROUND STACK PENETRATION FLASHING
Sheet Number: 4

Sheet Title: DUCT PENETRATION
Sheet Number: 5

Sheet Title: NOT USED
Sheet Number: 6
PV SYSTEM TO BE DE-ENERGIZED AND ALL ROOFTOP-LOCATED EQUIPMENT ASSOCIATED WITH THE PV SYSTEM REMOVED (MODULES, BALLAST, RANKING CONDUCTORS, CONDUIT, BALLAST, PIPE PIERS, AND MONITORING SYSTEM COMPONENTS). REMOVE AND DISPOSE OF EXISTING RACKING SYSTEM COMPLETE.

- ALL MODULES TO BE CLEANED, NUMBERED AND TESTED FOR VOC AND ISC, AND THOSE VALUES DOCUMENTED, PRIOR TO RE-INSTALLATION.
- ALL BALLAST AND TO BE STORED IN LAYDOWN AREA FOR RE-INSTALLATION.
- ALL RACKING AND CONDUCTORS TO BE RECYCLED.
- ALL CONDUIT TO BE STORED IN LAYDOWN AREA FOR RE-USE.
- MONITORING SYSTEM COMPONENTS TO BE STORED FOR POTENTIAL RE-USE BY OWNER.
- AFTER ROOF REPAIRS, PV SYSTEM WILL BE RE-INSTALLED IN COMPLIANCE WITH ALL RELEVANT CODES, STANDARDS, AND BEST PRACTICES.
- FURNISH AND INSTALL NEW RACKING SYSTEM. PROPOSED LAYOUT BASIS OF DESIGN UTILIZES UNIRAC RM10, APPROVED MANUFACTURES.
- CONTRACTOR WILL SECURE ALL NECESSARY PERMITS AND INSPECTIONS.
KEYED NOTES:

- PRESSURE WASH ALL MASONRY SURFACES
- REPLACE JOINT SEALANT AND JOINT BACKER MATERIAL, ADD NEW BACKER AND JOINT SEALANT AT THE FOLLOWING LOCATIONS:
  - WINDOW FRAME PERIMETERS
  - DOOR FRAME PERIMETERS
  - PRECAST PANEL JOINTS
  - PRECAST CAP JOINTS
  - PRECAST CAP TO PANEL JOINTS
  - EYEBROW ROOF SURFACE FASTENED COUNTERFLASHING
- CLEAN CONCRETE SURFACE AND APPLY POLYURETHANE COATING TO CONCRETE GIRDS
- REPLACE EXISTING EXPANSION JOINT AS SPECIFIED IN SECTION 071800
- OVERFLOW OUTLET - RE: MEP DRAWINGS

COORDINATE LOCATIONS WITH ARCHITECT

CONSTRUCTION DOCUMENT SUBMITTAL 100%
KEYED NOTES:

- PRESSURE WASH ALL MASONRY SURFACES
- REPLACE JOINT SEALANT AND JOINT BACKER MATERIAL BETWEEN BACKER AND JOINT SEALANT AT THE FOLLOWING LOCATIONS:
  - WINDOW FRAME PERIMETERS
  - DOOR FRAME PERIMETERS
  - PRECAST CAP JOINTS
  - PRECAST CAP TO PANEL JOINTS
  - EYEBROW ROOFS SURFACE FASTENED COUNTERFLASHING
- CLEAN CONCRETE SURFACE AND APPLY POLYURETHANE COATING TO CONCRETE GIRDS
- REPLACE EXISTING EXPANSION JOINT AS SPECIFIED IN SECTION 071800
- OVERFLOW OUTLET - RE: MEP DRAWINGS
  COORDINATE LOCATIONS WITH ARCHITECT

PRECAST CONCRETE PANELS

- TYPE-1
  - PC-1
- TYPE-2
  - PC-1
  - PC-2
- TYPE-3
  - PC-3

SCALE: 1/8"=1'-0"
**KEYED NOTES:**

- PRESSURE WASH ALL MASONRY SURFACES
- REPLACE JOINT SEALANT AND JOINT BACKER MATERIAL WITH NEW BACKER AND JOINT SEALANT AT THE FOLLOWING LOCATIONS:
  - WINDOW FRAME PERIMETERS
  - DOOR FRAME PERIMETERS
  - PRECAST CAP JOINTS
  - PRECAST CAP TO PANEL JOINTS
  - EYEBROW ROOF SURFACE FASTENED COUNTERFLASHING
- CLEAN CONCRETE SURFACE AND APPLY POLYURETHANE COATING TO CONCRETE GIRDERS
- REPLACE EXISTING EXPANSION JOINT AS SPECIFIED IN SECTION 071800
- OVERFLOW OUTLET - REFER TO MEP DRAWINGS AND COORDINATE LOCATIONS WITH ARCHITECT

**PC-1:**
- TYPE-1 PRECAST CONCRETE PANELS

**PC-2:**
- TYPE-2 PRECAST CONCRETE PANELS

**PC-3:**
- TYPE-3 PRECAST CONCRETE PANELS

**KEY PLAN:**

- NT9

**SHEET TITLE:**

- TPWD HEADQUARTERS BUILDING EXTERIOR RENOVATION
- PROJECT NUMBER: 1110099

**REVISED:**

- DRAWN BY: Jim Whitten, Roof Consultants, LLC, CONSULTANTS IN ROOFING AND WATERPROOFING
- P.O. BOX 200925, AUSTIN, TX 78720
- OFFICE: (512) 250-0999, FAX: (512) 250-9711
- WWW.JIMWHITTEN.COM
1. REPLACE BACKER ROD AND SEALANT
2. REPLACE BACKER ROD AND SEALANT
3. REPLACE ALL VERTICAL AND HORIZONTAL SEALANT AND BACKER ROD
4. TYPE 1 WALL PANEL
5. TYPE 2 WALL PANEL
6. TYPE 3 WALL PANEL
7. PRECAST PARAPET AT END WALL PANEL
8. SPANDREL PANEL AT 2ND FLOOR WALKWAY
9. TYPE 1 PRECAST CONC PANEL
10. TYPE 2 PRECAST CONC PANEL

REPLACE BACKER ROD AND SEALANT
PRECAST CONCRETE PANEL
CONCRETE FOUNDATION
LIGHT WEIGHT CONCRETE DECK
PRECAST CONCRETE PANEL
LIGHT WEIGHT CONCRETE DECK
PRECAST CONCRETE PANEL
PRECAST CONCRETE PANEL
23'-7"
24'-10"

JIM WHITTEN
Roof Consultants, LLC
CONSULTANTS IN ROOFING AND WATERPROOFING
P.O. Box 200925
Austin, TX 78720
Office: (512) 250-0999
Fax: (512) 250-9711
www.jimwhitten.com

SCALE: 1

TYPE 3 PRECAST CONC WALL PANEL JOINT
TYPE 1 AND TYPE 2 SIMILAR
SCALE: 2/16"

SCALE: 3

TYPE 3 WALL PANEL
SCALE: N.T.S

SCALE: 4

TYPE 1 WALL PANEL
SCALE: 2/16"

SCALE: 5

TYPE 2 WALL PANEL
SCALE: 2/16"

SCALE: 6

TYPE 3 WALL PANEL
SCALE: 2/16"

SCALE: 7

TYPE 3 PRECAST CONC WALL PANEL JOINT
TYPE 1 AND TYPE 2 SIMILAR
SCALE: 3/16"

SCALE: 8

TYPICAL TYPE 3 PRECAST CONC PANEL JOINT AT FOUNDATION
SCALE: 2/16"

SCALE: 9

TYPICAL TYPE 3 PRECAST CONC PANEL JOINT AT FOUNDATION
SCALE: 3/16"
KEYED NOTES:

- PRESSURE WASH ALL MASONRY SURFACES
- REPLACE JOINT SEALANT AND JOINT BACKER MATERIAL WITH NEW BACKER AND JOINT SEALANT AT THE FOLLOWING LOCATIONS:
  - WINDOW FRAME PERIMETERS
  - DOOR FRAME PERIMETERS
  - PRECAST PANEL JOINTS
  - PRECAST CAP JOINTS
  - PRECAST TO PANEL JOINTS
- CLEAN CONCRETE SURFACE AND APPLY POLYURETHANE COATING TO CONCRETE GUIRDRAS
1.1 PART I - GENERAL REQUIREMENTS

SPECIFICATIONS

THE OTHER TRADES

DETERMINED PRIOR TO FABRICATION OR INSTALLATION:

PROCURE WORK OF OTHER CRAFTS.

VARIOUS EXTRAS

PLUMBING

HEREINAFTER WORK TO BE DETERMINED PRIOR TO FABRICATION OR INSTALLATION.

ALL SPECIFICATIONS, DRAWINGS, AND EXHIBITS PLAN AND SPECIFICATION.

ORDINANCES

BE DAMAGED OR HARDENED.

SPRINKLER

DEBRIS, INSULATION, AND MATERIALS.Into MEASUREMENTS TAKEN ON THE JOB SITE:

COORDINATE CUT MATERIALS ACCURATELY FROM MEASUREMENTS TAKEN ON THE JOB SITE. STRUCTURAL FRAMEWORK, +/-. 1/4" FREEZE AND EXPANSION Joints.

Penetration seals shall be provided in accordance with the 2018 International Building Code (IBC) and the 2018 International Plumbing Code (IPC) and shall have an overall thickness of 1/4" minimum.

AS A DESCRIPTION OF THE JOB WITHIN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

WORKSHOPS AND SPACE FOR MATERIALS AND TOOLS.

1.3.1.2 SELECTION OF MATERIALS AND SUPPLIES.

SEAL MATERIALS, MASONRY, AND MACHINERY.

FREEZE AND EXPANSION Joints.

SELECTED MATERIALS, MASONRY, AND MACHINERY.


data-root-ixigo-dict=

5/16" STANDARD B.C. CAST IRON CLEANOUTS TO BE PROVIDED AND INSTALLED IN ACCORDANCE WITH THE 2018 INTERNATIONAL PLUMBING CODE.


data-root-ixigo-dict=

IF A SUBSTITUTE IS DESIRED, A SUBMITTAL MUST BE MADE IN WRITING TO THE OWNER'S ARCHITECT BEFORE WORK ON THE SUBSTITUTE IS COMMENCED.


data-root-ixigo-dict=

A. IN A MANNER PROPER FOR THE PURPOSE.

B. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

CUT MATERIALS AND SUPPLIES.

COORDINATE MOUNTING.

COORDINATING THE CONTRACTOR'S WORK.

COORDINATING THE CONTRACTOR'S WORK.

BUILDING CODES, AS TO BE DETERMINED PRIOR TO FABRICATION OR INSTALLATION.

D. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

B. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

A. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

B. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

C. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

D. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

A. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

B. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

C. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

D. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

A. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

B. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

C. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

D. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

A. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

B. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

C. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

D. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

A. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

B. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

C. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

D. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

A. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

B. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

C. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

D. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

A. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

B. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

C. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

D. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

A. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

B. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

C. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

D. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

A. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

B. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

C. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.

D. IN A MANNER AS SET FORTH IN THE TRADES SPECIFICATIONS AND REQUIREMENTS.
PLUMBING DEMOLITION PLAN NOTES

A. REFER TO GENERAL NOTES ON SHEET P000 FOR ADDITIONAL INFORMATION.

B. PIPING SHOWN IS BASED UPON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPING BRANCHES AND LINES ARE IDENTIFIED. EXTENTS OF PIPING AND SCOPE OF DEMOLITION SHALL BE FIELD-VERIFIED PRIOR TO COMMENCEMENT OF DEMOLITION.

C. CONTRACTOR SHALL EXAMINE ALL EXISTING CONDITIONS AND VERIFY SCOPE OF WORK PRIOR TO COMMENCEMENT OF WORK. ALL EXISTING PIPING TO REMAIN SHALL BE VERIFIED TO BE IN GOOD WORKING CONDITION.

D. EXISTING PIPING IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

E. REFER TO ROOFING PACKAGE FOR TERMINATION AND LOCATION OF NEW VENT, DUCT, EQUIPMENT, AND ROOF PENETRATIONS AND POINTS OF RECONNECTION.

F. REFER TO EXISTING INVERTER FOR TERMINATION AND LOCATION OF NEW VENT, DUCT, EQUIPMENT, AND POINTS OF RECONNECTION.
PLUMBING DEMOLITION SHEET NOTES

A. REFER TO GENERAL NOTES ON SHEET P000 FOR ADDITIONAL INFORMATION.

B. PIPING SHOWN IS BASED UPON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPING BRANCHES AND LINES ARE IDENTIFIED. EXTENTS OF PIPING AND SCOPE OF DEMOLITION SHALL BE FIELD-VERIFIED PRIOR TO COMMENCEMENT OF DEMOLITION.

C. CONTRACTOR SHALL EXAMINE ALL EXISTING CONDITIONS AND VERIFY SCOPE OF WORK PRIOR TO COMMENCEMENT OF WORK. ALL EXISTING PIPING TO REMAIN SHALL BE VERIFIED TO BE IN GOOD WORKING CONDITION.

D. EXISTING PIPING IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

E. REFER TO ROOFING PACKAGE FOR TERMINATION AND LOCATION OF NEW VENT, DUCT, EQUIPMENT, AND ROOF PENETRATIONS AND POINTS OF RECONNECTION.

F. REFER TO COVER SHEET FOR TERMINATION AND LOCATION OF NEW VENT, DUCT, EQUIPMENT, AND ROOF PENETRATIONS AND POINTS OF RECONNECTION.

THERE IS NO SCOPE OF WORK ON THIS DRAWING. THIS DRAWING IS SHOWN FOR REFERENCE ONLY.
PLUMBING DEMOLITION SHEET NOTES

A. REFER TO GENERAL NOTES ON SHEET T001 FOR ADDITIONAL INFORMATION.

B. PIPING SHOWN IS BASED UPON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPING BRANCHES OR LINES ARE IDENTIFIED. EXTENTS OF PIPING AND SCOPE OF DEMOLITION SHALL BE FIELD-VERIFIED PRIOR TO COMMENCEMENT OF DEMOLITION.

C. CONTRACTOR SHALL EXAMINE ALL EXISTING CONDITIONS AND VERIFY SCOPE OF WORK PRIOR TO COMMENCEMENT OF WORK. ALL EXISTING PIPING TO REMAIN SHALL BE VERIFIED TO BE IN GOOD WORKING CONDITION.

D. EXISTING PIPING IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

E. REFER TO ROOFING PACKAGE FOR TERMINATION AND LOCATION OF NEW VENT, DUCT, EQUIPMENT, AND ROOF PENETRATIONS AND POINTS OF RECONNECTION.

F. REFER TO PLUMBING SHEET NOTES FOR TERMINATION AND LOCATION OF NEW VENT, DUCT, AND ROOF PENETRATIONS AND POINTS OF RECONNECTION.
A. REFER TO GENERAL NOTES ON SHEET P000 FOR ADDITIONAL INFORMATION.

B. PIPING SHOWN IS BASED UPON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPING BRANCHES AND LINES ARE IDENTIFIED. EXTENTS OF PIPING AND SCOPE OF DEMOLITION SHALL BE FIELD-VERIFIED PRIOR TO COMMENCEMENT OF DEMOLITION.

C. CONTRACTOR SHALL EXAMINE ALL EXISTING CONDITIONS AND VERIFY SCOPE OF WORK PRIOR TO COMMENCEMENT OF WORK. ALL EXISTING PIPING TO REMAIN SHALL BE VERIFIED TO BE IN GOOD WORKING CONDITION.

D. REFER TO ROOFING PACKAGE FOR TERMINATION AND LOCATION OF NEW VENT, DUCT, EQUIPMENT, AND ROOF PENETRATIONS AND POINTS OF RECONNECTION.

E. EXISTING PIPING IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

F. REFER TO ROOFING PACKAGE FOR TERMINATION AND LOCATION OF NEW VENT, DUCT, EQUIPMENT, AND ROOF PENETRATIONS AND POINTS OF RECONNECTION.
PLUMBING DEMOLITION SHEET NOTES

A. REFER TO GENERAL NOTES ON SHEET P000 FOR ADDITIONAL INFORMATION.

B. PIPING SHOWN IS BASED UPON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPING BRANCHES AND LINES ARE IDENTIFIED. EXTENTS OF PIPING AND SCOPE OF DEMOLITION SHALL BE FIELD-VERIFIED PRIOR TO COMMENCEMENT OF DEMOLITION.

C. CONTRACTOR SHALL EXAMINE ALL EXISTING CONDITIONS AND VERIFY SCOPE OF WORK PRIOR TO COMMENCEMENT OF WORK. ALL EXISTING PIPING TO REMAIN SHALL BE VERIFIED TO BE IN GOOD WORKING CONDITION.

D. EXISTING PIPING IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

E. REFER TO ROOFING PACKAGE FOR TERMINATION AND LOCATION OF NEW VENT, DUCT, EQUIPMENT, AND ROOF PENETRATIONS AND POINTS OF RECONNECTION.

F. REFER TO EXTERIOR RENOVATION WORKING DRAWINGS FOR TERMINATION AND LOCATION OF NEW VENT, DUCT, EQUIPMENT, AND ROOF PENETRATIONS AND POINTS OF RECONNECTION.
EXIST. 4"SD FFA TO REMAIN [2960 SF]

EXIST. 6"SD TO REMAIN [2960 SF]

EXIST. 3"SD FFA TO REMAIN [1350 SF]

EXIST. 4"SD TO REMAIN [1350 SF]

EXIST. 6"SD TO REMAIN [820 SF]

EXIST. 8"SD TO REMAIN [5920 SF]

EXIST. 6"SD TFB TO REMAIN [8090 SF]

PLUMBING DEMOLITION SHEET NOTES

A. REFER TO GENERAL NOTES ON SHEET P000 FOR ADDITIONAL INFORMATION.

B. PIPING SHOWN IS BASED UPON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPING BRANCHES AND LINES ARE IDENTIFIED. EXTENTS OF PIPING AND SCOPE OF DEMOLITION SHALL BE FIELD-VERIFIED PRIOR TO COMMENCEMENT OF DEMOLITION.

C. CONTRACTOR SHALL EXAMINE ALL EXISTING CONDITIONS AND VERIFY SCOPE OF WORK PRIOR TO COMMENCEMENT OF WORK. ALL EXISTING PIPING TO REMAIN SHALL BE VERIFIED TO BE IN GOOD WORKING CONDITION.

D. EXISTING PIPING IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

E. REFER TO ROOFING PACKAGE FOR TERMINATION AND LOCATION OF NEW VENT, DUCT, FURNACE, AND ROOF PENETRATIONS AND POINTS OF RECONNECTION.

F. THERE IS NO SCOPE OF WORK ON THIS DRAWING. THIS DRAWING IS SHOWN FOR REFERENCE ONLY.
A. REFER TO GENERAL NOTES ON SHEET P000 FOR ADDITIONAL INFORMATION.

B. PIPING SHOWN IS BASED UPON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPING BRANCHES AND LINES ARE IDENTIFIED. EXTENTS OF PIPING AND SCOPE OF DEMOLITION SHALL BE FIELD-VERIFIED PRIOR TO COMMENCEMENT OF DEMOLITION.

C. CONTRACTOR SHALL EXAMINE ALL EXISTING CONDITIONS AND VERIFY SCOPE OF WORK PRIOR TO COMMENCEMENT OF WORK. ALL EXISTING PIPING TO REMAIN SHALL BE VERIFIED TO BE IN GOOD WORKING CONDITION.

D. EXISTING PIPING IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

E. REFER TO ROOFING PACKAGE FOR TERMINATION AND LOCATION OF NEW VENT, DUCT, EQUIPMENT, AND ROOF PENETRATIONS AND POINTS OF RECONNECTION.

F. REFER TO SHEET P000 FOR ADDITIONAL NOTES AND SPECIFICATIONS.
A. REFER TO GENERAL NOTES ON SHEET P000 FOR ADDITIONAL INFORMATION.

B. PIPING SHOWN IS BASED UPON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPING BRANCHES AND LINES ARE IDENTIFIED. EXTENTS OF PIPING AND SCOPE OF DEMOLITION SHALL BE FIELD-VERIFIED PRIOR TO COMMENCEMENT OF DEMOLITION.

C. CONTRACTOR SHALL EXAMINE ALL EXISTING CONDITIONS AND VERIFY SCOPE OF WORK Prior to commencement of work. ALL EXISTING PIPING TO REMAIN SHALL BE VERIFIED TO BE IN GOOD WORKING CONDITION.

D. EXISTING PIPING IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

E. REFER TO ROOFING PACKAGE FOR TERMINATION AND LOCATION OF NEW VENT, DUCT, EQUIPMENT, AND ROOF PENETRATIONS AND POINTS OF RECONNECTION.
PLUMBING DEMOLITION SHEET NOTES

A. REFER TO GENERAL NOTES ON SHEET P000 FOR ADDITIONAL INFORMATION.

B. PIPING SHOWN IS BASED UPON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPING BRANCHES AND LINES ARE IDENTIFIED. EXTENTS OF PIPING AND SCOPE OF DEMOLITION SHALL BE FIELD-VERIFIED PRIOR TO COMMENCEMENT OF DEMOLITION.

C. CONTRACTOR SHALL DETERMINE ALL EXISTING CONDITIONS AND VERIFY SCOPE OF WORK PRIOR TO COMMENCEMENT OF WORK. ALL EXISTING PIPING TO REMAIN SHALL BE VERIFIED TO BE IN GOOD WORKING CONDITION.

D. EXISTING PIPING IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

E. REFER TO ROOFING PACKAGE FOR TERMINATION AND LOCATION OF NEW VENT, DUCT, EQUIPMENT, AND ROOF PENETRATIONS AND POINTS OF RECONNECTION.
PLUMBING GENERAL SHEET NOTES

A. REFER TO GENERAL NOTES ON SHEET P000 FOR ADDITIONAL INFORMATION.

B. PIPING SHOWN IS BASED UPON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPING BRANCHES AND LINES ARE IDENTIFIED. EXTENTS OF PIPING AND SCOPE OF DEMOLITION SHALL BE FIELD-VERIFIED PRIOR TO COMMENCEMENT OF DEMOLITION.

C. CONTRACTOR SHALL EXAMINE ALL EXISTING CONDITIONS AND VERIFY SCOPE OF WORK PRIOR TO COMMENCEMENT OF WORK. ALL EXISTING PIPING TO REMAIN UNLESS OTHERWISE NOTED.

D. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS AND EQUIPMENT.

E. REFER TO ROOFING DRAWINGS FOR PLACEMENT OF DRAINS. DRAINS SHALL BE LOCATED AT LOW-POINTS IN GRADING.

F. REFER TO RISER DIAGRAMS FOR ALL PIPE SIZES, ACCESSORIES, AND PIPING ROUTING.

G. PLUMBING ROUTING IS SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD-ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCES WITH DUCTWORK, LIGHTING, SOLAR, AND OTHER TRADES AS ALLOWABLE.

H. ALL HORIZONTAL OVERFLOW STORM DRAIN PIPING AND THE BOTTOM OF ALL ROOF DRAINS SHALL BE INSULATED WITH 1" INSULATION AND SEALED TO THE ROOF.

I. EXISTING PIPING IS SHOWN TO REMAIN UNLESS OTHERWISE NOTED.

04-28-2021
PLUMBING GENERAL SHEET NOTES

A. REFER TO GENERAL NOTES ON SHEET P000 FOR ADDITIONAL INFORMATION.

B. PIPING SHOWN IS BASED UPON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPING BRANCHES AND LINES ARE IDENTIFIED. EXTENTS OF PIPING AND SCOPE OF DEMOLITION SHALL BE FIELD-VERIFYED PRIOR TO COMMENCEMENT OF DEMOLITION.

C. CONTRACTOR SHALL SHUFFLE ALL EXISTING CONDITIONS AND VERIFY SCOPE OF WORK. ALL EXISTING PIPING TO REMAIN SHALL BE VERIFIED TO BE IN GOOD WORKING CONDITION.

D. REFER TO ROOFING DRAWINGS FOR PLACEMENT OF DRAINS. DRAINS SHALL BE LOCATED AT LOW-POINTS IN GRADING.

E. REFER TO RISER DIAGRAMS FOR ALL PIPE SIZES, ACCESSORIES, AND PIPING ROUTING.

F. PLUMBING ROUTING IS SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD-ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFENCES WITH DUCTWORK, LIGHTING, SOLAR, AND OTHER TRADES AS ALLOWABLE.

G. ALL EXISTING PIPING IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

THERE IS NO SCOPE OF WORK ON THIS DRAWING. THIS DRAWING IS SHOWN FOR REFERENCE ONLY.
PLUMBING GENERAL SHEET NOTES

A. REFER TO GENERAL NOTES ON SHEET P000 FOR ADDITIONAL INFORMATION.

B. PIPING SHOWN IS BASED UPON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPING BRANCHES AND LINES ARE IDENTIFIED. EXTENTS OF PIPING AND SCOPE OF DEMOLITION SHALL BE FIELD-VERIFIED PRIOR TO COMMENCEMENT OF DEMOLITION.

C. CONTRACTOR SHALL EXAMINE ALL EXISTING CONDITIONS AND VERIFY SCOPE OF WORK. ALL EXISTING PIPING TO REMAIN UNLESS OTHERWISE NOTED. ALL EXISTING PIPING TO REMAIN UNLESS OTHERWISE NOTED.

D. REFER TO PLUMBING ROUTING FOR ALLOWABLE TRADE INTERFERENCE.

E. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS AND EQUIPMENT.

F. REFER TO RISER DIAGRAMS FOR ALL PIPE SIZES, ACCESSORIES, AND PIPING ROUTING.

G. PLUMBING ROUTING IS SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD-ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFENCES WITH DUCTWORK, LIGHTING, SOLAR, AND OTHER TRADES AS ALLOWABLE.

H. ALL HORIZONTAL OVERFLOW STORM DRAIN PIPING AND THE BOTTOM OF ALL ROOF DRAINS SHALL BE INSULATED WITH 1" INSULATION AND SEALED TO THE ROOF.

I. EXISTING PIPING IS SHOWN TO REMAIN UNLESS OTHERWISE NOTED.
PLUMBING GENERAL SHEET NOTES

A. DOWNSPOUT COVER TO BE LOCATED ALONG EXTERIOR WALL AS HIGH AS STORM DRAIN PIPING SLOPE AND STRUCTURAL MEMBERS WILL ALLOW. COORDINATE FINAL LOCATION WITH ARCHITECT. COORDINATE DOWNSPOUT COVERS SO THEY ARE ALIGNED WITH EACH OTHER AND AESTHETICALLY UNIFORM. PAINT COVERS TO MATCH FACADE.

B. PIPING ROUTING IS SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD-ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFENCES WITH DUCTWORK, LIGHTING, SOLAR, AND OTHER TRADES AS ALLOWABLE.

C. ALL EXISTING PIPING TO REMAIN UNLESS OTHERWISE NOTED.

D. REFER TO ROOFING DRAWINGS FOR PLACEMENT OF DRAINS. DRAINS SHALL BE LOCATED AT LOW-POINTS IN GRADING.

E. REFER TO RISER DIAGRAMS FOR ALL PIPE SIZES, ACCESSORIES, AND PIPING ROUTING.

F. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS AND EQUIPMENT.

G. REFER TO GENERAL NOTES ON SHEET P000 FOR ADDITIONAL INFORMATION.

H. ALL VERTICAL OVERFLOW STORM DRAIN PIPING AND THE BOTTOM OF ALL ROOF DRAINS SHALL BE INSULATED WITH 1" INSULATION AND SEALED TO THE ROOF.

I. CONTRACTOR SHALL EXAMINE ALL EXISTING CONDITIONS AND VERIFY SCOPE OF WORK PRIOR TO COMMENCEMENT OF WORK. ALL EXISTING PIPING TO REMAIN SHALL BE VERIFIED TO BE IN GOOD WORKING CONDITION.

J. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS AND EQUIPMENT.

K. REFER TO ROOFING DRAWINGS FOR PLACEMENT OF DRAINS. DRAINS SHALL BE LOCATED AT LOW-POINTS IN GRADING.

L. REFER TO RISER DIAGRAMS FOR ALL PIPE SIZES, ACCESSORIES, AND PIPING ROUTING.

M. ALL EXISTING PIPING TO REMAIN UNLESS OTHERWISE NOTED.

N. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS AND EQUIPMENT.

O. REFER TO ROOFING DRAWINGS FOR PLACEMENT OF DRAINS. DRAINS SHALL BE LOCATED AT LOW-POINTS IN GRADING.

P. REFER TO RISER DIAGRAMS FOR ALL PIPE SIZES, ACCESSORIES, AND PIPING ROUTING.

Q. ALL EXISTING PIPING TO REMAIN UNLESS OTHERWISE NOTED.

R. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS AND EQUIPMENT.

S. REFER TO ROOFING DRAWINGS FOR PLACEMENT OF DRAINS. DRAINS SHALL BE LOCATED AT LOW-POINTS IN GRADING.

T. REFER TO RISER DIAGRAMS FOR ALL PIPE SIZES, ACCESSORIES, AND PIPING ROUTING.

U. ALL EXISTING PIPING TO REMAIN UNLESS OTHERWISE NOTED.

V. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS AND EQUIPMENT.
PLUMBING GENERAL SHEET NOTES

A. REFER TO GENERAL NOTES ON SHEET P000 FOR ADDITIONAL INFORMATION.
B. PIPE SIZES SHOWN ARE BASED ON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPING BRANCHES AND LINES ARE IDENTIFIED. VARIATIONS OF PIPING SIZE AND LOCATION SHALL BE FIELD VERIFIED PRIOR TO COMMENCEMENT OF REMOVAL.
C. CONTRACTOR SHALL REMOVE ALL EXISTING CONDITIONS AND JUNK SCRAP OF UNNEEDED MATERIALS PRIOR TO WORK. ALL EXISTING PIPING BRANCHES AND LINES NOT SHOWN ARE JUNK SCRAP TO BE REMOVED.
D. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS AND EQUIPMENT.
E. REFER TO KEYS FOR DETAILED INFORMATION. DRAWINGS SHALL BE ACCURATE AND COMPLETE.
F. REFER TO PIPING SCHEDULES FOR PLACEMENT OF DASHERS. DASHERS SHALL BE LOCATED AT CORRECT LOCATION.
G. REFER TO ROOFING DRAWINGS FOR PLACEMENT OF DRAINS. DRAINS SHALL BE LOCATED AT LOW-POINTS IN GRADING.
H. REFER TO RISER DIAGRAMS FOR ALL PIPE SIZES, ACCESSORIES, AND PIPING ROUTING.
I. PLUMBING ROUTING IS SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.
J. ALL EXISTING CONDITIONS SHOWN IN PIPING AND THE BOTTOM OF ALL ROOF DRAINS SHALL BE INSULATED WITH 1" INSULATION AND SEALED TO THE ROOF.
K. EXISTING PIPING IS SHOWN TO REMAIN UNLESS OTHERWISE NOTED.

KEYED NOTES

1. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

2. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

3. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

4. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

5. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

6. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

7. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

8. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

9. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

10. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

11. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

12. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

13. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

14. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

15. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

16. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

17. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

18. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

19. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.

20. EXISTING PIPING TO BE LOCATED ALONG EXTERIOR WALLS AND ROOF DIAMETER EXISTING. PIPING SHALL BE SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH ELECTRICAL, CABLES, SOLAR, AND OTHER TRADES.
PLUMBING GENERAL SHEET NOTES

A. PIPING SHOWN IS BASED UPON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPE BRANCHES AND LINES ARE IDENTIFIED. VARIATIONS OF PIPING SHOWN ON DRAWINGS SHALL BE FIELD VERIFIED PRIOR TO COMMENCEMENT OF DEMOLITION.

B. CONTRACTOR SHALL DEMOLISH ALL EXISTING CONDITIONING AND UTILITY STORES OF EXISTING MECHANICAL ROOMS. EXISTING PIPING TO REMAIN IN GOOD WORKING CONDITION AS NOTED.

C. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS AND EQUIPMENT.

D. REFER TO EXISTING PLANS FOR LOCATION OF DOWNSPOUTS. DOWNSPOUTS SHALL BEccoli BY CONTRACTOR TO MATCH FACADE.

E. REFER TO ROOFING DRAWINGS FOR PLACEMENT OF DRAINS. DRAINS SHALL BE LOCATED AT LOW-POINTS IN GRADING.

F. REFER TO RISER DIAGRAMS FOR ALL PIPE SIZES, ACCESSORIES, AND PIPING ROUTING.

G. PLUMBING ROUTING IS SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD-ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFENCES WITH DUCTWORK, LIGHTING, SOLAR, AND OTHER TRADES AS ALLOWABLE.

H. ALL HORIZONTAL OVERFLOW STORM DRAIN PIPING AND THE BOTTOM OF ALL ROOF DRAINS SHALL BE INSULATED WITH 1" INSULATION AND SEALED TO THE ROOF.

I. EXISTING PIPING IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.
PLUMBING SHEET NOTES

1. DOWNSPOUT NOZZLE TO BE LOCATED ALONG EXTERIOR WALL AS HIGH AS STORM DRAIN PIPING SLOPE AND STRUCTURAL MEMBERS WILL ALLOW. COORDINATE FINAL LOCATION WITH ARCHITECT.

2. REFER TO GENERAL NOTES ON SHEET P000 FOR ADDITIONAL INFORMATION.

3. PIPING SHOWN IS BASED UPON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPING BRANCHES AND LINES ARE IDENTIFIED. EXTENTS OF PIPING AND SCOPE OF DEMOLITION SHALL BE FIELD-VERIFIED PRIOR TO COMMENCEMENT OF DEMOLITION.

4. CONSTRUCTION SHALL ENSURE ALL STEPPING CONDITIONS AND LAYOUT OF EXISTING AND INEXISTING PIPE/Branches ARE CORRECT. PIPING INSTALLATION TO ALTITUDE MARKED ON FLOOR PLAN.

5. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS AND EQUIPMENT.

6. REFER TO HEATING ENGINEER FOR PLACEMENT OF DRYER. DRAINS SHALL BE LOCATED AT LOW-POINTS IN GRADING.

7. REFER TO ROOFING DRAWINGS FOR PLACEMENT OF DRAINS. DRAINS SHALL BE LOCATED AT LOW-POINTS IN GRADING.

8. REFER TO RISER DIAGRAMS FOR ALL PIPE SIZES, ACCESSORIES, AND PIPING ROUTING.

9. PLUMBING ROUTING IS SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD-ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH DUCTWORK, LIGHTING, SOLAR, AND OTHER TRADES AS ALLOWABLE.

10. ALL HORIZONTAL OVERFLOW STORM DRAIN PIPING AND THE BOTTOM OF ALL ROOF DRAINS SHALL BE INSULATED WITH 1" INSULATION AND SEALED TO THE ROOF.

11. EXISTING PIPING IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.
PLUMBING GENERAL SHEET NOTES

A. REFER TO GENERAL NOTES ON SHEET P000 FOR ADDITIONAL INFORMATION.
B. PIPING SHOWN IS BASED UPON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPING BRANCHES AND LINES ARE IDENTIFIED. EXTENTS OF PIPING AND SCOPE OF DEMOLITION SHALL BE FIELD VERIFIED PRIOR TO COMMENCEMENT OF DEMOLITION.
C. CONTRACTOR SHALL EXAMINE ALL EXISTING CONDITIONS AND VERIFY SCOPE OF WORK PRIOR TO COMMENCEMENT OF PLUMBING WORK. ALL EXISTING PIPING TO REMAIN UNLESS OTHERWISE NOTED.
D. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS AND EQUIPMENT.
E. REFER TO ROOFING DRAWINGS FOR PLACEMENT OF DRAINS. DRAINS SHALL BE LOCATED AT LOW-POINTS IN GRADING.
F. REFER TO RISER DIAGRAMS FOR ALL PIPE SIZES, ACCESSORIES, AND PIPING ROUTING.
G. PLUMBING ROUTING IS SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD-ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCES WITH DUCTWORK, LIGHTING, SOLAR, AND OTHER TRADES AS ALLOWABLE.
H. ALL HORIZONTAL OVERFLOW STORM DRAIN PIPING AND THE BOTTOM OF ALL ROOF DRAINS SHALL BE INSULATED WITH 2" INSULATION AND SEALED TO THE ROOF.
I. EXISTING PIPING IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.
PLUMBING GENERAL SHEET NOTES

A. PIPES SHOWN SHOWN BASED UPON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPING IDENTIFIED AS PIPES ARE IDENTIFIED. VENTS OF PIPING AND SCOPE OF DEMOLITION SHALL BE FIELD VERIFIED PRIOR TO COMMISSIONING OF INSTALLATION.

B. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY OWNER OF ANY EXISTING PIPING OR LINE THAT MAY BE ALTERED OR REMOVED PRIOR TO COMMENCEMENT OF DEMOLITION.

C. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS AND EQUIPMENT.

D. REFER TO KEYED DESIGNER FOR PLACEMENT OF DRAINS. DRAINS SHALL BE LOCATED AT LOW-POINTS IN GRADING.

E. REFER TO SHEET 000 FOR ADDITIONAL INFORMATION.

F. REFER TO ROOFING DRAWINGS FOR PLACEMENT OF DRAINS. DRAINS SHALL BE LOCATED AT LOW-POINTS IN GRADING.

G. REFERENCE DRAWINGS FOR ALL PIPE SIZES, ACCESSORIES, AND PIPING ROUTING.

H. PLUMBING ROUTING IS SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD-ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFENCES WITH DUCTWORK, LIGHTING, SOLAR, AND OTHER TRADES AS ALLOWABLE.

I. ALL HORIZONTAL OVERFLOW STORM DRAIN PIPING AND THE BOTTOM OF ALL ROOF DRAINS SHALL BE INSULATED WITH 1" INSULATION AND SEALED TO THE ROOF.

J. PIPE SHOWN TO BE REMOVED IS REMOVED UNLESS OTHERWISE NOTED.
**PLUMBING SHEET NOTES**

A. REFER TO GENERAL NOTES ON SHEET P000 FOR ADDITIONAL INFORMATION.

B. PIPING SHOWN IS BASED UPON EXISTING PLUMBING RECORD DRAWINGS. NOT ALL EXISTING PIPING BRANCHES AND LINES ARE IDENTIFIED. EXTENTS OF PIPING AND SCOPE OF DEMOLITION SHALL BE FIELD-VERIFIED PRIOR TO COMMENCEMENT OF DEMOLITION.

C. CONTRACTOR SHALL EXAMINE ALL EXISTING CONDITIONS AND VERIFY SCOPE OF WORK PRIOR TO COMMENCEMENT OF WORK.

D. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS AND EQUIPMENT.

E. REFER TO EXISTING CONDITIONS FOR ALIGNMENT OF DRains. DRAINS SHALL BE LOCATED AT LOW-POINTS IN GRADING.

F. REFER TO RISER DIAGRAMS FOR ALL PIPE SIZES, ACCESSORIES, AND PIPING ROUTING.

G. PLUMBING ROUTING IS SHOWN SCHEMATICALLY FOR CLARITY. PIPING SHALL BE FIELD-ROUTED AND OFFSET AS REQUIRED TO AVOID INTERFERENCE WITH DUCTWORK, LIGHTING, SOLAR, AND OTHER TRADES AS ALLOWABLE.

H. ALL HORIZONTAL OVERFLOW STORM DRAIN PIPING AND THE DEPTH OF ALL ROOF DRAINS SHALL BE INSULATED WITH 1" INSULATION AND SEALED TO THE ROOF.

I. EXISTING PIPING IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.
2" MIN. (TYP. EA. SIDE) N.T.S.

TYPICAL PIPE PENETRATION DETAIL

NOTES:
1. REFER TO SCHEDULE FOR EXISTING EXTERIOR FACE FAÇADE OR ROOF DRAIN INSTALLATION.
2. PROVIDE PIPE HANGER AS NECESSARY TO SUPPORT STRUCTURAL MEMBERS.
3. REFER TO PLANS FOR PIPE SIZE.
4. REFER TO PLANS FOR OUTLET SIZE.
5. PROVIDE COPPER OR PLASTIC COATED HANGERS FOR NON-INSULATED COPPER PIPE.
6. ATTACH SUPPORTS FOR ALL PIPING SUSPENDED FROM THE STEEL STRUCTURE TO THE TOP CHORD OF THE STRUCTURAL CONCRETE BEAMS, OR CONCRETE SATELLITE (DEPENDENT ON LOCATION).

3 Pipe Hangers Detail

4 Roof Drain Installation

5 Typical Pipe Penetration Detail

6 Plumbing Vent Thru Roof Detail

1 Gas Fixture Connections
### Electrical Legends

<table>
<thead>
<tr>
<th>Legend</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>F1</td>
<td>Outdoor Fixtures</td>
</tr>
<tr>
<td>F2</td>
<td>Indoor Lighting Fixtures</td>
</tr>
<tr>
<td>F3</td>
<td>Fans</td>
</tr>
<tr>
<td>F4</td>
<td>Fume Hoods</td>
</tr>
<tr>
<td>F5</td>
<td>Fire Protection Systems</td>
</tr>
<tr>
<td>F6</td>
<td>Electrical Power Systems</td>
</tr>
<tr>
<td>F7</td>
<td>Electrical Control Systems</td>
</tr>
<tr>
<td>F8</td>
<td>Electrical Distribution Systems</td>
</tr>
<tr>
<td>F9</td>
<td>Electrical Protection Systems</td>
</tr>
<tr>
<td>F10</td>
<td>Electrical Signaling Systems</td>
</tr>
</tbody>
</table>

### Electrical Notes

1. **Electrical Location**: The electrical systems are designed to be installed in accordance with the National Electrical Code (NEC) and any other relevant local codes. All electrical work must be performed by licensed electricians.

2. **Electrical Power Systems**: The electrical power systems shall be designed to supply power to all areas of the building. The power distribution systems shall be sized to meet the demands of the building's loads.

3. **Electrical Control Systems**: The electrical control systems shall be designed to control the operation of the building's systems, including lighting, HVAC, and security systems. These systems shall be capable of being remotely monitored and controlled.

4. **Electrical Protection Systems**: The electrical protection systems shall be designed to protect the building's electrical systems and equipment from damage due to overcurrent, short-circuit, and ground faults.

5. **Electrical Signaling Systems**: The electrical signaling systems shall be designed to provide audible and visual signals in the event of an emergency or hazardous condition.

6. **Electrical Signaling Systems**: The electrical signaling systems shall be designed to provide emergency lighting in the event of a power failure.

7. **Electrical Signaling Systems**: The electrical signaling systems shall be designed to provide smoke detection and notification systems in the event of a smoke or fire condition.

8. **Electrical Signaling Systems**: The electrical signaling systems shall be designed to provide carbon monoxide detection and notification systems in the event of a carbon monoxide condition.

### Work Area Group Table

<table>
<thead>
<tr>
<th>Work Area</th>
<th>Number of Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kitchen</td>
<td>50</td>
</tr>
<tr>
<td>Office</td>
<td>40</td>
</tr>
<tr>
<td>Lobby</td>
<td>30</td>
</tr>
<tr>
<td>Restrooms</td>
<td>25</td>
</tr>
<tr>
<td>Conference Room</td>
<td>20</td>
</tr>
</tbody>
</table>

### Schedule of Work

- **Due Date**: 04/28/21
- **Final Inspection**: 04/30/21
- **Completion Date**: 05/01/21

---

**Note**: All work shall be in accordance with the specified electrical codes and standards. Work shall be performed by licensed electricians. All electrical work shall be inspected prior to acceptance.