FULTON COUNTY JUSTICE CENTER TOWER

ROOF REPLACEMENT

FULTON COUNTY PROJECT NO. FRR201403294

185 CENTRAL AVENUE
ATLANTA, GEORGIA

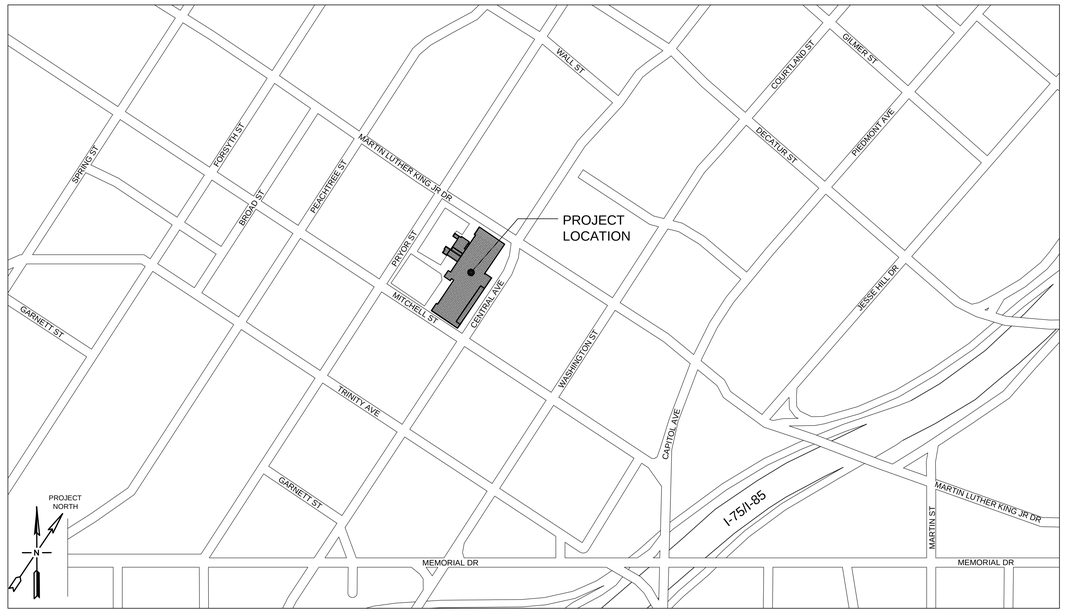
PROJECT SCOPE

SCOPE

THE PROJECT IS GENERALLY DEFINED AS A ROOF REPLACEMENT OF APPROXIMATELY 56,833 SQUARE FEET. IT WILL CONSIST OF THE REMOVAL OF THE EXISTING ROOF SYSTEM AND PERTINENT ASSOCIATE ELEMENTS DOWN TO THE ROOF DECK AND THE INSTALLATION OF A NEW FULLY ADHERED PVC ROOF INCLUDING ASSOCIATED PERTINENT ELEMENTS TO PROVIDE AN APPROPRIATE WARRANTED COMPLETE ROOF SYSTEM.

ASSOCIATED ITEMS

THE PROJECT WILL ALSO INCLUDE SPECIAL ATTENTION TO WALKWAY SURFACES AND MAINTENANCE TRAFFIC SOLUTIONS. THE PROJECT WILL ALSO INCLUDE REPAIR/REPLACEMENT OF ASSOCIATED VERTICAL JOINTS IN PARAPET WALLS AND OTHER VERTICAL SURFACES ADJACENT TO ROOF AREAS. THE PROJECT WILL ALSO INCLUDE REMOVAL OF RUST AND CORROSION AND RECOATING STEEL STRUCTURES SUPPORTING MECHANICAL EQUIPMENT (I.E. CHILLER SUPPORTS, LADDERS, ETC).



LOCATION MAP

SCALE: NTS

GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE DRAWINGS FOR DISCREPANCIES OR OMISSIONS BEFORE ANY WORK IS BEGUN. ANY DISCREPANCIES OR OMISSIONS THAT WOULD AFFECT THE WORK, ITS COST, OR THE WELFARE OF THE GENERAL PUBLIC SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER BEFORE ANY WORK IS BEGUN.
2. THE CONTRACTOR SHALL SAFEGUARD THE OWNER'S PROPERTY AND ADJACENT PROPERTIES DURING CONSTRUCTION AND SHALL REPLACE ANY DAMAGED PROPERTY OR MATERIALS TO THE ORIGINAL CONDITION AT NO COST TO THE OWNER.
3. THE CONTRACTOR SHALL COMPLY WITH THE INTERNATIONAL BUILDING CODE (2012 EDITION) WITH GEORGIA AMENDMENTS (2014 EDITION) AND ALL APPLICABLE AND GOVERNING CODES AND REGULATIONS; AND SHALL COMPLY WITH ALL LIFE SAFETY REQUIREMENTS OF ALL GOVERNING AUTHORITIES. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND ORDINANCES.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES PRIOR TO THE COMMENCEMENT OF WORK OR ORDERING OF MATERIALS. ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS SHALL BE REPORTED TO THE OWNER IN WRITING PRIOR TO PROCEEDING WITH THAT PORTION OF WORK.
5. THE CONTRACTOR OR ANY OF HIS EMPLOYEES, OR SUB-CONTRACTORS SHALL NOT SCALE THESE DRAWINGS FOR DIMENSIONS. IF THERE IS ANY QUESTION CONCERNING THE DIMENSIONS THE CONTRACTOR SHALL CONTACT THE OWNER TO CLARIFY THE DIMENSIONS.
6. DRAWING REFERENCES ARE FOR CONVENIENCE ONLY AND DO NOT LIMIT THE EXTENT OR APPLICATION OF THE DRAWING OR DETAIL. ALL DIMENSIONS, DESCRIPTIONS AND/OR SYMBOLS WITHIN A DRAWING ARE COMPLEMENTARY. DRAWINGS AND SPECIFICATIONS WHETHER TAKEN SEPARATELY OR TOGETHER ARE TO BE INTERPRETED ACCORDING TO THEIR FULL INTENT, MEANING AND SPIRIT, AND SHALL BE DEEMED TO EXPLAIN MUTUALLY EACH OTHER AND TO BE A DESCRIPTION OF THE WORK TO BE DONE UNDER THE CONTRACT.
7. THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK THAT DEVIATES FROM WHAT IS INDICATED IN THE CONTRACT DOCUMENTS OR THAT MAY RESULT IN ADDITIONAL COST OR TIME TO THE PROJECT WITHOUT WRITTEN PERMISSION FROM THE OWNER.
8. THE CONTRACTOR SHALL CONFIRM AND VERIFY WITH THE OWNER PRIOR TO STARTING WORK ANY RULES OR REGULATIONS FOR THE USE OF AND CONSTRUCTION ON THE PROPERTY WITH RESPECT TO BUT NOT LIMITED TO HOURS OF CONSTRUCTION, LIMITS OF WORK, OPERATIONS OF THE BUILDING, SAFETY OF THE OWNERS EMPLOYEES OR GENERAL PUBLIC, PLACEMENT OF SAFETY BARRIERS, NOISE, DUST AND MOISTURE CONTROL, LOCATIONS OF DUMPSTERS, USE OF THE OWNERS UTILITIES AND FACILITIES, SCHEDULING OF DELIVERIES ETC. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ALL WORK SO TO AVOID DISRUPTION TO THE NORMAL OPERATIONS AND WORK OF THE OWNER.
9. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE REPAIR ANY DAMAGE TO EXISTING EXTERIOR OR INTERIOR WALLS, CEILINGS, FLOORS, OR FINISHES REMAINING IN PLACE, CAUSED BY CONSTRUCTION WORK.
10. CONTRACTOR SHALL OBTAIN BUILDING PERMIT AS MAY BE REQUIRED FROM THE CITY OF ATLANTA.
11. CONTRACTOR SHALL VERIFY NOISE PERMITTING REQUIREMENT AND OBTAIN ANY APPLICABLE PERMITS AS MAY BE REQUIRED FROM THE CITY OF ATLANTA.

CURRENT MANDATORY CODES:

- INTERNATIONAL BUILDING CODE, 2012 EDITION, WITH GEORGIA AMENDMENTS (2014)
- INTERNATIONAL FIRE CODE, 2012 EDITION, WITH GEORGIA AMENDMENTS (2014)
- INTERNATIONAL PLUMBING CODE, 2012 EDITION, WITH GEORGIA AMENDMENTS (2014)
- INTERNATIONAL MECHANICAL CODE, 2012 EDITION, WITH GEORGIA AMENDMENTS (2014)
- INTERNATIONAL FUEL GAS CODE, 2012 EDITION, WITH GEORGIA AMENDMENTS (2014)
- NATIONAL ELECTRICAL CODE, 2011 EDITION
- INTERNATIONAL ENERGY CONSERVATION CODE, 2009 EDITION, WITH GEORGIA SUPPLEMENTS AND AMENDMENTS (2011) (2012)

- LIFE SAFETY CODE (NFPA 101)
- GEORGIA ACCESSIBILITY CODE

TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE BIDDING DOCUMENTS COMPLY WITH THE APPLICABLE BUILDING CODES.

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A-501	ROOF DETAILS

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FULTON COUNTY

STATE OF GEORGIA
GARY R. WATKINS
CERTIFICATE NO. PE012600
REGISTERED ARCHITECT

FULTON COUNTY JUSTICE CENTER TOWER
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185 CENTRAL AVENUE, ATLANTA, GEORGIA 30303

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COMM NO:	214216.00
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CHECK:	GRW

SHEET TITLE

COVER SHEET

SHT. NO. G-001

REV. NO.

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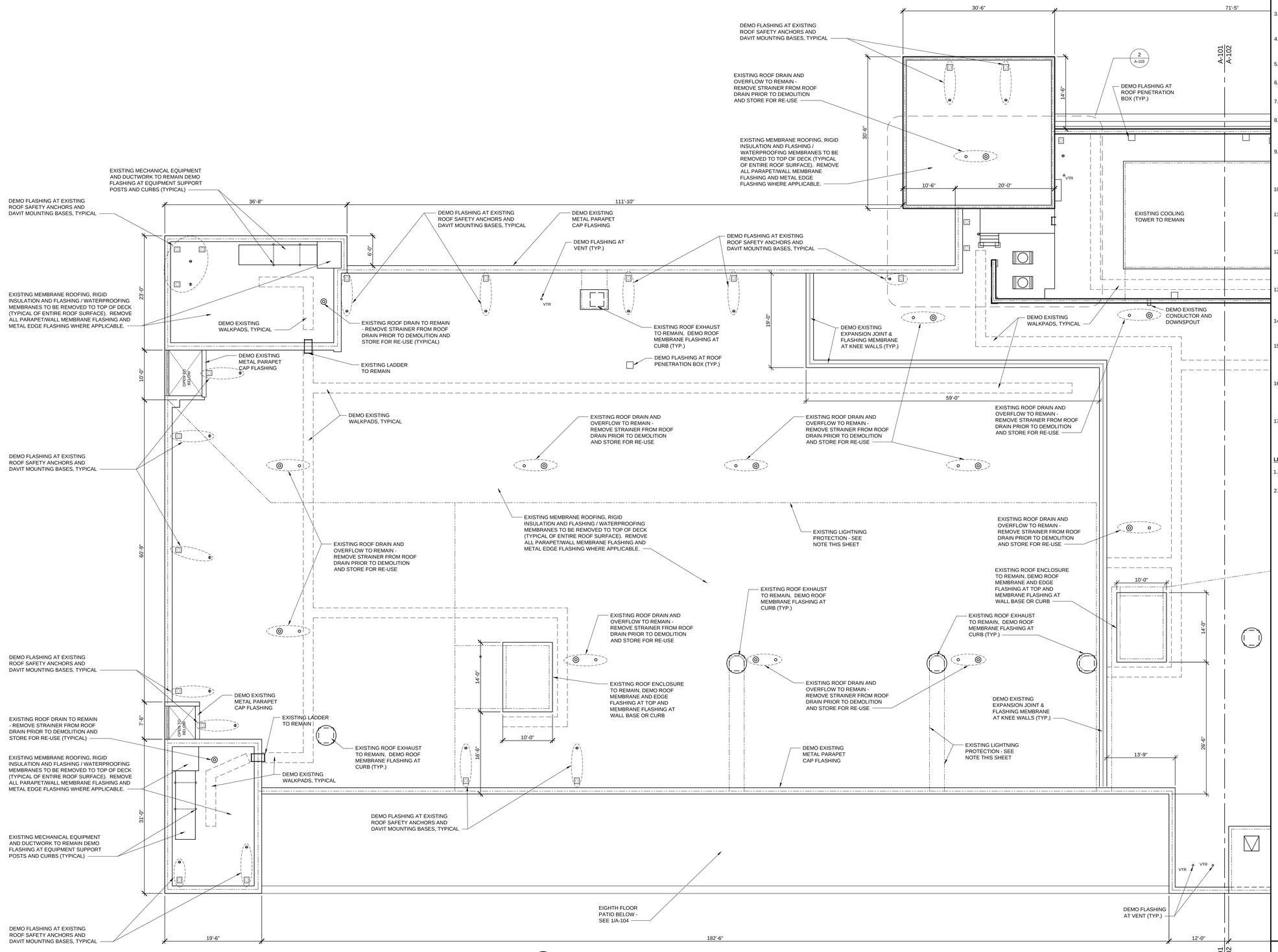

1 PARTIAL ROOF DEMO PLAN

SCALE: 3/32" = 1'-0"

0' 8' 16' 24'

GENERAL DEMOLITION NOTES

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4. THE CONTRACTOR SHALL COORDINATE SHUTDOWN OF ANY MECHANICAL OR ELECTRICAL SYSTEMS REQUIRED AS PART OF THE DEMOLITION WORK WITH THE OWNER PRIOR TO INTERRUPTION OF SERVICES.
5. ALL MATERIALS TO BE REUSED SHALL BE PROTECTED AND STORED IN A SAFE, DRY PLACE.
6. PROTECT EXISTING STRUCTURE AND ADJACENT STRUCTURES AND WALKWAYS THROUGHOUT DEMOLITION AND CONSTRUCTION.
7. MAINTAIN FACILITY IN WATERTIGHT CONDITION WHERE APPLICABLE. PROVIDE TEMPORARY WEATHER PROTECTION AS NECESSARY.
8. ENSURE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION ASSEMBLIES TO REMAIN. RETURN EXISTING ELEMENTS AND SURFACES TO REMAIN TO CONDITION EXISTING BEFORE START OF SELECTIVE DEMOLITION OPERATIONS.
9. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON SITE. REMOVE RESULTING MATERIALS FROM PROPERTY AND PROVIDE APPROPRIATE DISPOSAL IN COMPLIANCE WITH ALL LOCAL AND FEDERAL REGULATIONS AND GUIDELINES.
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11. PROTECT ALL EXISTING ACTIVE ELECTRICAL PANELS AND EQUIPMENT FROM DAMAGE AND INFILTRATION OF DUST AND/OR WATER DURING THE DEMOLITION PROCESS. PROTECT ALL EXISTING ACTIVE PLUMBING AND ELECTRICAL CONDUIT AND LIGHTING FIXTURES TO REMAIN FROM DAMAGE DUE TO DEMOLITION WORK.
12. CONFIRM ACTIVE OR INACTIVE STATUS OF ANY AND ALL PLUMBING, CONDUIT AND HVAC DUCTWORK ADJACENT TO AND AFFECTED BY DEMOLITION PRIOR TO COMMENCING WORK. REMOVE AND/OR CUT BACK AND CAP ALL EXISTING MECHANICAL, PLUMBING AND ELECTRICAL SYSTEMS NOT UTILIZED IN THE NEW CONSTRUCTION.
13. APPROPRIATE QUALIFIED TRADE TO REROUTE ANY ACTIVE LINES (CONDUIT, PLUMBING, DUCTWORK, ETC.) ATTACHED OR ADJACENT TO WALLS, FLOORS OR CEILINGS BEING DEMOLISHED OR DIRECTLY AFFECTED BY DEMOLITION WORK.
14. SAND, CLEAN AND REPAINT ANY BARE AND/OR RUSTED PATCHES ON STRUCTURAL STEEL MEMBERS IN AREAS AFFECTED BY DEMOLITION AND NEW WORK.
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16. DEMOLITION TO INCLUDE ENTIRE FIELD OF ROOF SURFACE, INCLUDING INSULATION, COVER BOARDS, FASTENERS, MEMBRANES, FLASHING AT PARAPETS, WALLS, CURBS AND PENETRATIONS. ALL INSTANCES ARE NOTED IN THE PLANS WHERE POSSIBLE, BUT ANY NOT SHOWN SHALL BE INCLUDED WITHIN THE SCOPE OF WORK.
17. REMOVE EXISTING ROOF PAVERS. MARK AS NECESSARY ANY PAVERS CUT FOR A SPECIFIC LOCATION. THOROUGHLY REMOVE MOSS, MOLD AND DIRT FROM THE PAVERS PRIOR TO REINSTALLATION.

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FULTON COUNTY

STATE OF GEORGIA GARY R. WATKINS CERTIFICATE NO. PE012600 REGISTERED PROFESSIONAL ENGINEER

FULTON COUNTY JUSTICE CENTER TOWER
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185 CENTRAL AVENUE, ATLANTA, GEORGIA 30303

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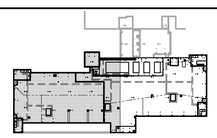

A KEY PLAN

SCALE: NOT TO SCALE

NORTH

COMM NO:	214216.00
DATE:	3/17/2015
DRAWN: JEG	DESIGN: GRW
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SHEET TITLE	PARTIAL ROOF DEMO PLAN
SHT. NO.	A-101
REV. NO.	

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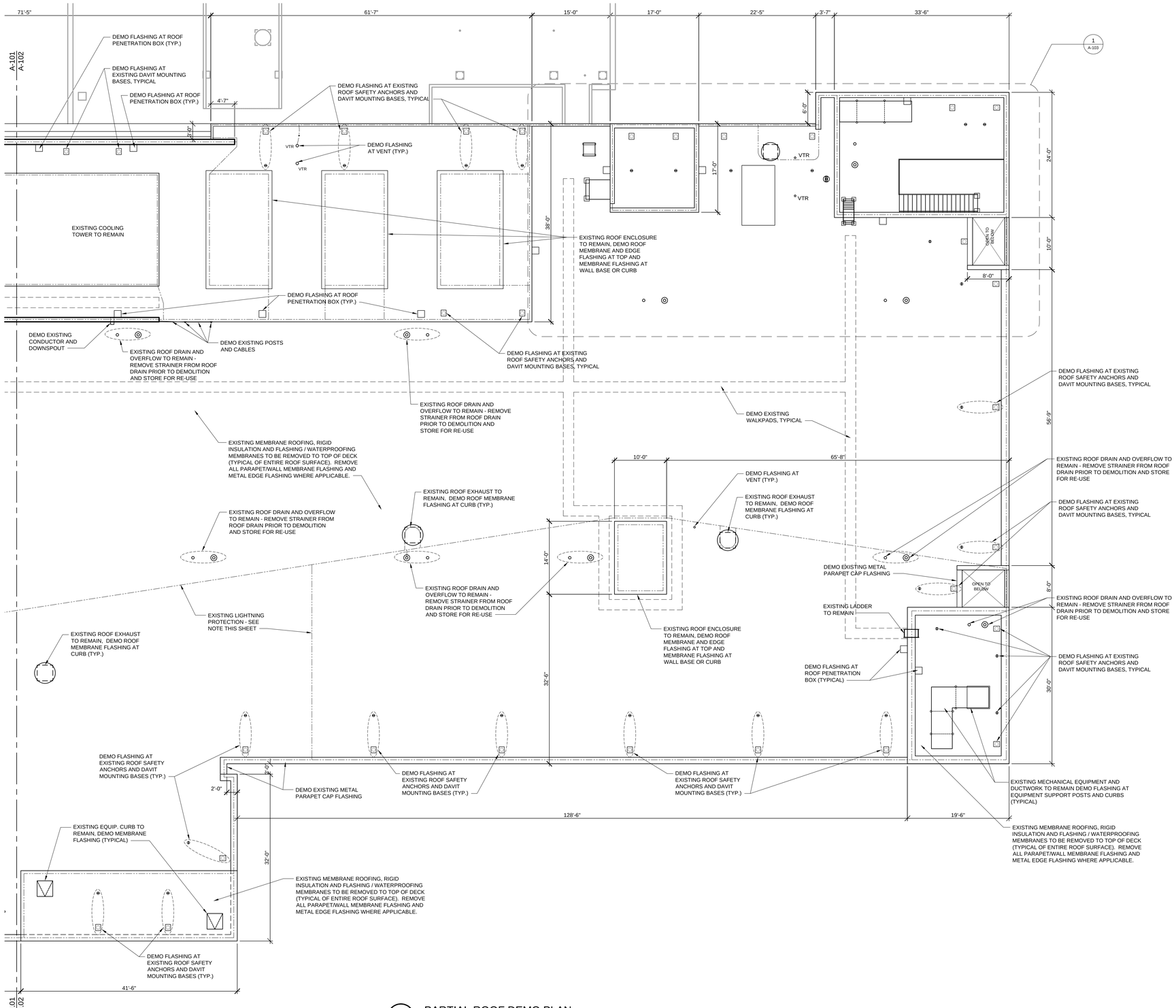

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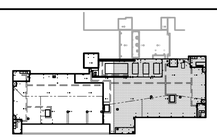

A KEY PLAN

SCALE: NOT TO SCALE

PLAN NORTH

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FULTON COUNTY

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SHEET TITLE

PARTIAL ROOF DEMO PLAN

SHT. NO. A-102 | REV. NO.

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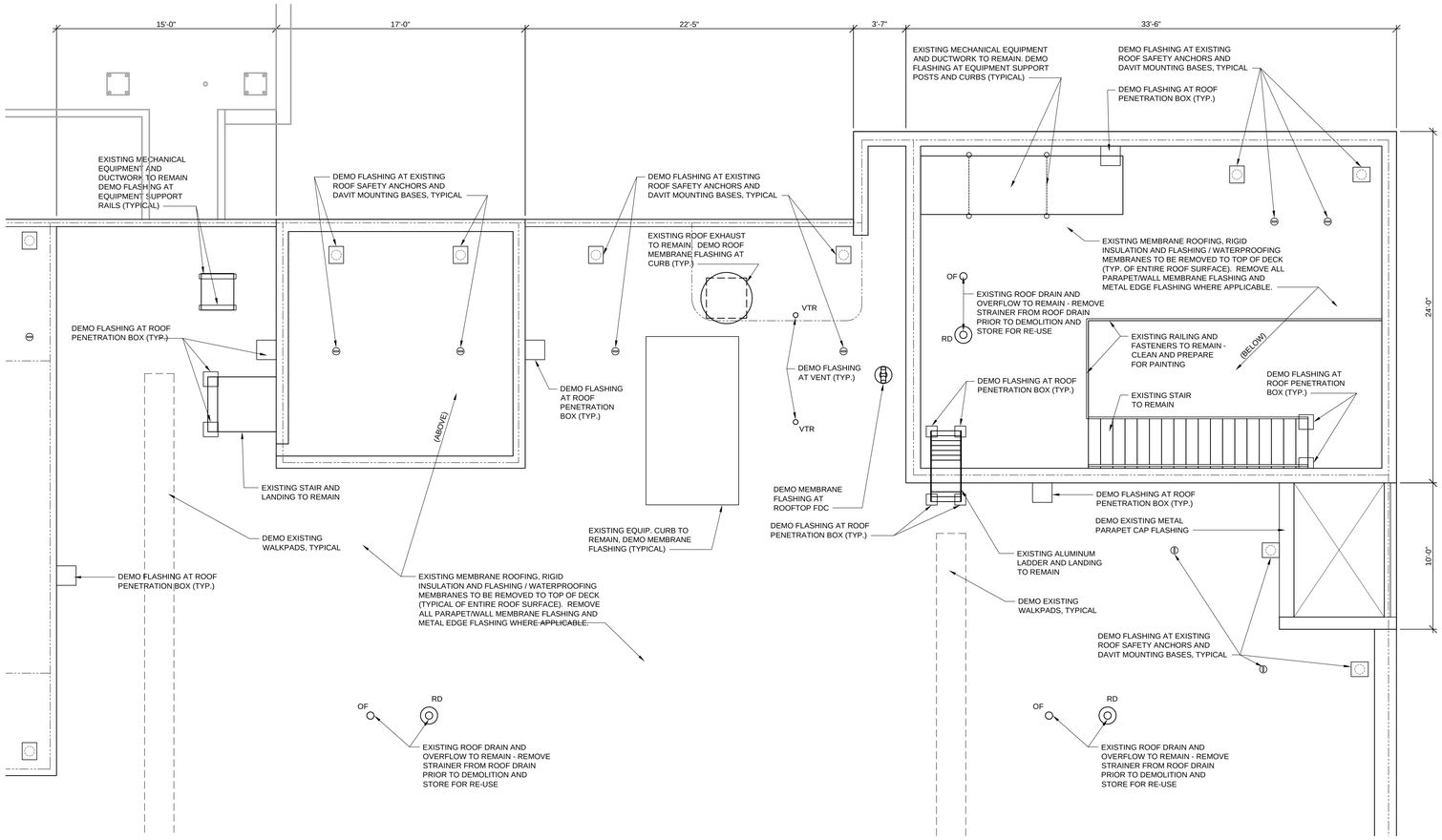
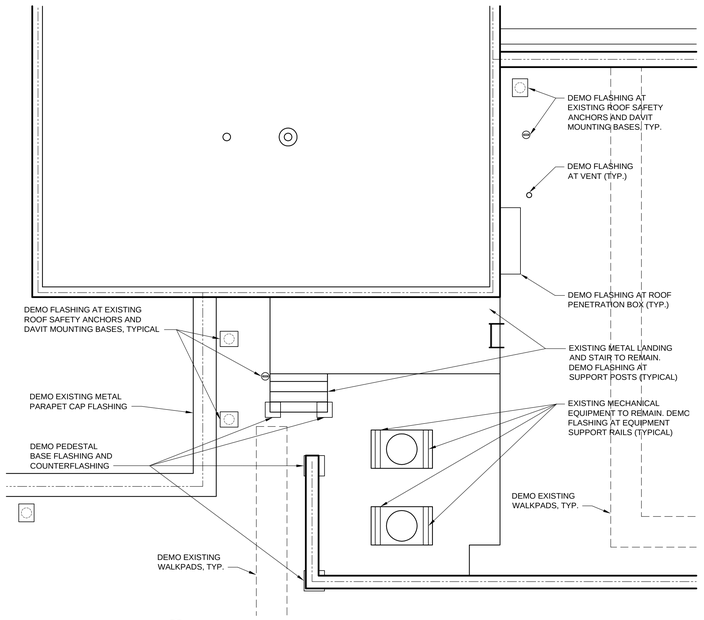


1 ENLARGED PARTIAL ROOF DEMO PLAN

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

0' 2' 4' 8'



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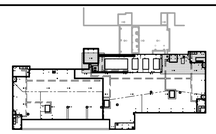

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ENLARGED PARTIAL ROOF DEMO PLAN

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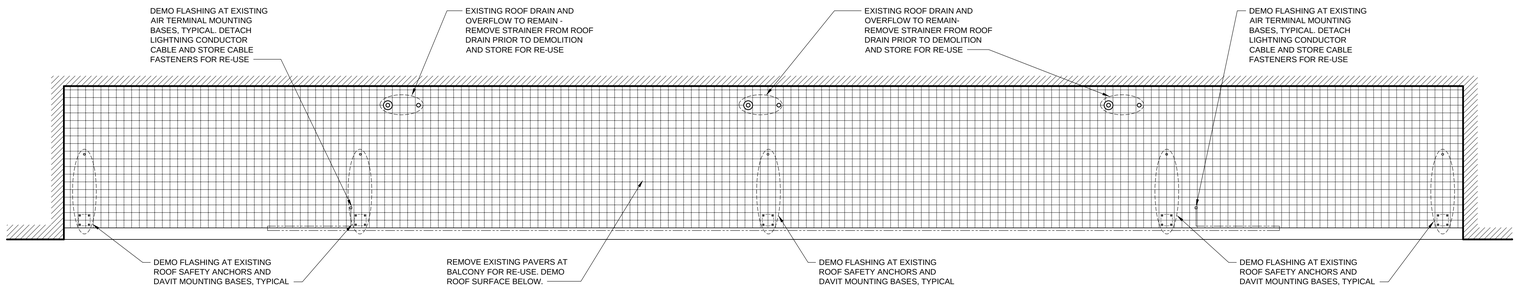
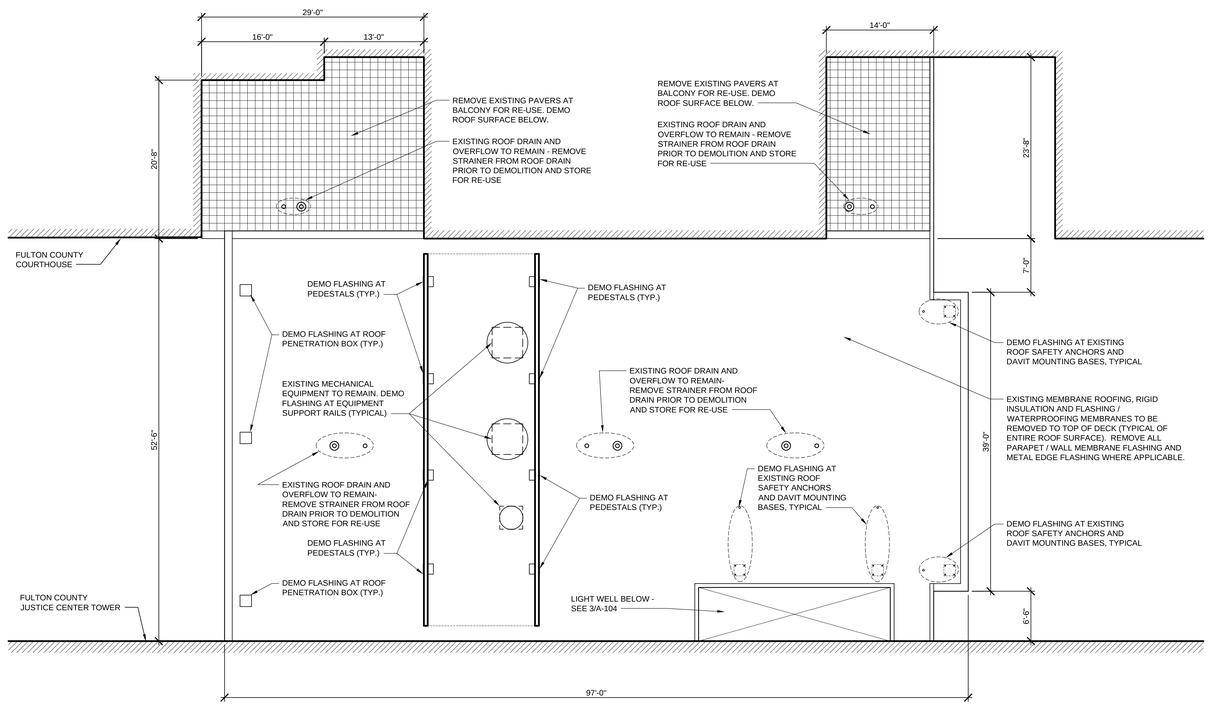


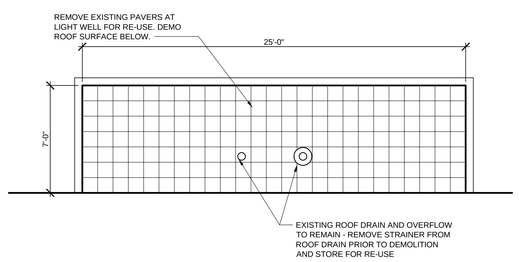
1 EIGHTH FLOOR PATIO DEMO PLAN

SCALE: 1/8" = 1'-0" 0' 4' 8' 16'



2 SECOND FLOOR ROOF DEMO PLAN

SCALE: 1/8" = 1'-0" 0' 4' 8' 16'



3 LIGHT WELL DEMO PLAN

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

GENERAL DEMOLITION NOTES

1. THE DESIGN OF THIS PROJECT IS BASED UPON INFORMATION PROVIDED BY THE OWNER THROUGH EXISTING DRAWINGS AND ON-SITE OBSERVATION. THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING WORK.
2. THE INTENT OF THE DEMOLITION NOTES AND DRAWINGS IS TO INDICATE THE SCOPE OF DEMOLITION WORK REQUIRED FOR INSTALLATION OF NEW WORK INDICATED ON THE DRAWINGS. THE DEMOLITION DRAWINGS ARE BASED ON PREVIOUS CONSTRUCTION DOCUMENTS AND MAY NOT REFLECT THE ACTUAL EXISTING CONDITIONS. THE CONTRACTOR SHALL COORDINATE DEMOLITION WORK REQUIRED WITH BOTH THE NEW WORK INDICATED AND THE ACTUAL FIELD CONDITIONS ENCOUNTERED.
3. DEMOLITION WORK SHALL BE EXECUTED IN CONFORMANCE WITH ALL CODES AND ORDINANCES AS SET FORTH BY ALL GOVERNING AUTHORITIES.
4. THE CONTRACTOR SHALL COORDINATE SHUTDOWN OF ANY MECHANICAL OR ELECTRICAL SYSTEMS REQUIRED AS PART OF THE DEMOLITION WORK WITH THE OWNER PRIOR TO INTERRUPTION OF SERVICES.
5. ALL MATERIALS TO BE REUSED SHALL BE PROTECTED AND STORED IN A SAFE, DRY PLACE.
6. PROTECT EXISTING STRUCTURE AND ADJACENT STRUCTURES AND WALKWAYS THROUGHOUT DEMOLITION AND CONSTRUCTION.
7. MAINTAIN FACILITY IN WATERTIGHT CONDITION WHERE APPLICABLE. PROVIDE TEMPORARY WEATHER PROTECTION AS NECESSARY.
8. ENSURE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION ASSEMBLIES TO REMAIN. RETURN EXISTING ELEMENTS AND SURFACES TO REMAIN TO CONDITION EXISTING BEFORE START OF SELECTIVE DEMOLITION OPERATIONS.
9. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON SITE. REMOVE RESULTING MATERIALS FROM PROPERTY AND PROVIDE APPROPRIATE DISPOSAL IN COMPLIANCE WITH ALL LOCAL AND FEDERAL REGULATIONS AND GUIDELINES.
10. PROTECT ALL EXITS AND EXIT AREAS DURING DEMOLITION AND CONSTRUCTION. ALERT ARCHITECT OF ANY CONFLICTS WITH CONSTRUCTION STAGING.
11. PROTECT ALL EXISTING ACTIVE ELECTRICAL PANELS AND EQUIPMENT FROM DAMAGE AND INFILTRATION OF DUST AND/OR WATER DURING THE DEMOLITION PROCESS. PROTECT ALL EXISTING ACTIVE PLUMBING AND ELECTRICAL CONDUIT AND LIGHTING FIXTURES TO REMAIN FROM DAMAGE DUE TO DEMOLITION WORK.
12. CONFIRM ACTIVE OR INACTIVE STATUS OF ANY AND ALL PLUMBING, CONDUIT AND HVAC DUCTWORK ADJACENT TO AND AFFECTED BY DEMOLITION PRIOR TO COMMENCING WORK. REMOVE AND/OR CUT BACK AND CAP ALL EXISTING MECHANICAL, PLUMBING AND ELECTRICAL SYSTEMS NOT UTILIZED IN THE NEW CONSTRUCTION.
13. APPROPRIATE QUALIFIED TRADE TO REROUTE ANY ACTIVE LINES (CONDUIT, PLUMBING, DUCTWORK, ETC.) ATTACHED OR ADJACENT TO WALLS, FLOORS OR CEILINGS BEING DEMOLISHED OR DIRECTLY AFFECTED BY DEMOLITION WORK.
14. SAND, CLEAN AND REPAINT ANY BARE AND/OR RUSTED PATCHES ON STRUCTURAL STEEL MEMBERS IN AREAS AFFECTED BY DEMOLITION AND NEW WORK.
15. REMOVE EXISTING CONSTRUCTION AS INDICATED. PATCH HOLES IN EXISTING FLOORS OR WALLS TO REMAIN TO MEET ORIGINAL FIRE PROTECTION AND STRUCTURAL REQUIREMENTS. PATCH ADJOINING WALLS, FLOOR AND DECK. PREPARE SURFACES TO RECEIVE NEW FINISHES PER PLANS.
16. DEMOLITION TO INCLUDE ENTIRE FIELD OF ROOF SURFACE, INCLUDING INSULATION, COVER BOARDS, FASTENERS, MEMBRANES, FLASHING AT PARAPETS, WALLS, CURBS AND PENETRATIONS. ALL INSTANCES ARE NOTED IN THE PLANS WHERE POSSIBLE, BUT ANY NOT SHOWN SHALL BE INCLUDED WITHIN THE SCOPE OF WORK.
17. REMOVE EXISTING ROOF PAVERS. MARK AS NECESSARY ANY PAVERS CUT FOR A SPECIFIC LOCATION. THOROUGHLY REMOVE MOSS, MOLD AND DIRT FROM THE PAVERS PRIOR TO REINSTALLATION.

LIGHTNING PROTECTION NOTES:

1. MAINTAIN EXISTING LIGHTNING PROTECTION THROUGHOUT CONSTRUCTION.
2. REMOVE EXISTING BASE AIR TERMINALS (LIGHTNING PROTECTION) PRIOR TO PARAPET CAP REMOVAL. DEMO ALL WALK-PADS USED AT LIGHTNING PROTECTION LOCATIONS. ROLL AND PROTECT EXPOSED TERMINAL AND DOWNLEAD WIRING DURING REMAINDER OF DEMOLITION / REMOVAL.

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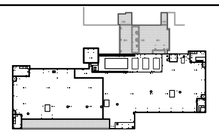
FULTON COUNTY

STATE OF GEORGIA — GARY R. WATKINS — CERTIFICATE NO. PE012600 — REGISTERED ARCHITECT

FULTON COUNTY JUSTICE CENTER TOWER
ROOF REPLACEMENT
FULTON COUNTY PROJECT NO. FRR201403294

185 CENTRAL AVENUE, ATLANTA, GEORGIA 30303

MRK.	DATE	REVISION DESCRIPTION



A KEY PLAN

SCALE: NOT TO SCALE

NORTH PLAN

COMM NO:	214216.00
DATE:	3/17/2015
DRAWN: JEG	DESIGN: GRW
CHECK:	GRW

SHEET TITLE

ENLARGED PARTIAL ROOF DEMO PLAN

SHT. NO. A-104 REV. NO.

12/26/2013 6:28 AM
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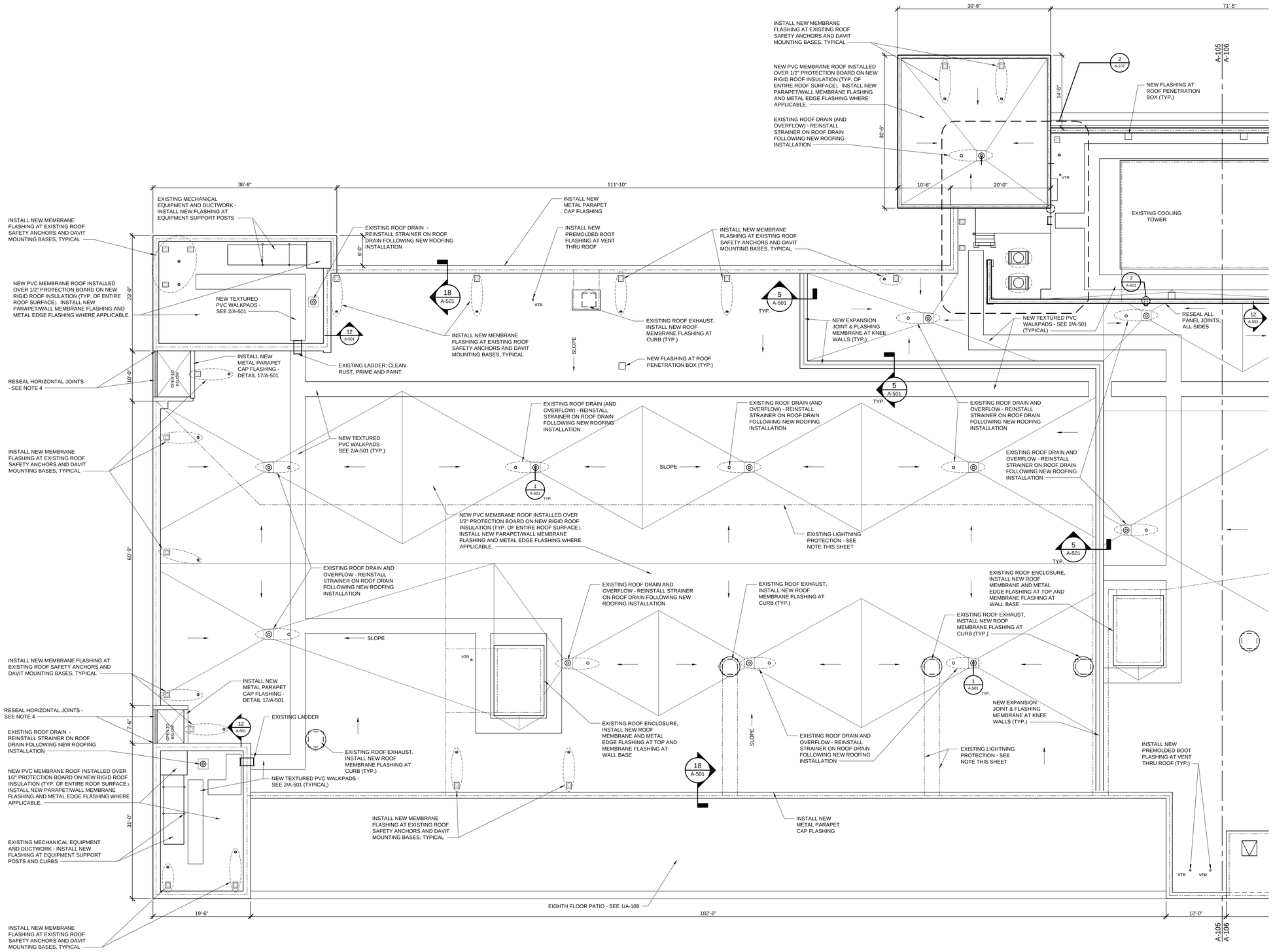

1 PARTIAL ROOF PLAN

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

0' 4' 8' 16'

NOTES

1. INSTALL NEW VENT FLASHING AT ALL EXISTING VENT LOCATIONS - REFER TO DETAIL 14/A-501 (ALT. DETAIL 15/A-501).
2. MINIMUM SLOPE FOR ALL TAPERED ROOF INSULATION IS ¼" RISE PER FOOT OF HORIZONTAL RUN. INSTALL ROOF CRICKET AT HIGH SIDE OF ALL ROOF EQUIPMENT CURBS.
3. EXACT LAYOUT AND DIMENSIONS OF WALKWAY PAD(S) TO BE DETERMINED BASED ON MANUFACTURER SPECIFICATIONS AND RECOMMENDATIONS.
4. RESEAL EXPOSED HORIZONTAL JOINTS AT PARAPETS BETWEEN PRECAST CONCRETE WALL PANELS - TYPICAL AT ALL PARAPETS WITH NO METAL CAP FLASHING.
5. REFER TO 12/A-501 FOR TYPICAL COUNTERFLASHING DETAIL AT BASE OF WALLS, PARAPETS AND SUPPORT PEDESTALS ON ROOF.
6. SEE 16/A-501 FOR DETAIL AT IRREGULARLY SHAPED ROOF PROJECTIONS.

LIGHTNING PROTECTION NOTES:

1. MAINTAIN EXISTING LIGHTNING PROTECTION THROUGHOUT CONSTRUCTION.
2. REINSTALL EXISTING LIGHTNING PROTECTION SYSTEM IN ACCORDANCE WITH NFPA 780 AFTER ROOF REPLACEMENT WORK IS COMPLETE - REFER TO DETAIL 3/A-501.

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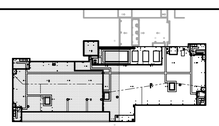
FULTON COUNTY

STATE OF GEORGIA — GARY R. WATKINS — REGISTERED ARCHITECT

FULTON COUNTY JUSTICE CENTER TOWER
ROOF REPLACEMENT
FULTON COUNTY PROJECT NO. FRR201403294

185 CENTRAL AVENUE, ATLANTA, GEORGIA 30303

MRK	DATE	REVISION DESCRIPTION



A KEY PLAN

SCALE: NOT TO SCALE

PLAN NORTH

COMM NO:	214216.00
DATE:	3/17/2015
DRAWN: JEG	DESIGN: GRW
CHECK:	GRW
SHEET TITLE	PARTIAL NEW ROOF PLAN
SHT. NO.	A-105
REV. NO.	

12/26/2013 6:28 AM
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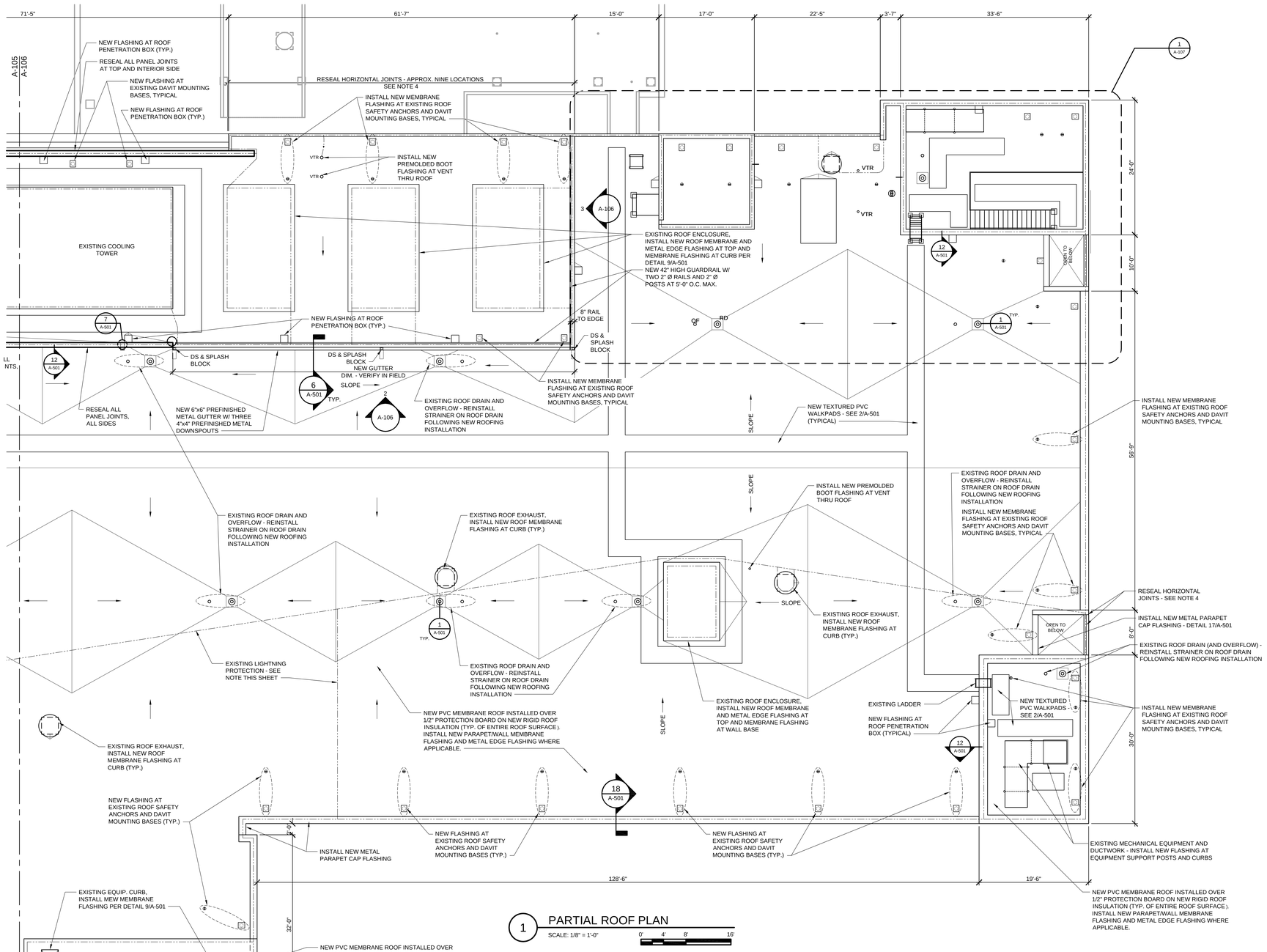
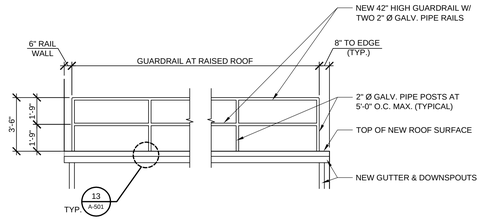


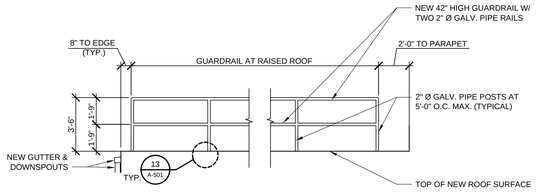
1 PARTIAL ROOF PLAN

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



2 GUARDRAIL ELEVATION

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



3 GUARDRAIL ELEVATION

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

NOTES

1. INSTALL NEW VENT FLASHING AT ALL EXISTING VENT LOCATIONS - REFER TO DETAIL 14/A-501 (ALT. DETAIL 15/A-501).
2. MINIMUM SLOPE FOR ALL TAPERED ROOF INSULATION IS ¼" RISE PER FOOT OF HORIZONTAL RUN. INSTALL ROOF CRICKET AT HIGH SIDE OF ALL ROOF EQUIPMENT CURBS.
3. EXACT LAYOUT AND DIMENSIONS OF WALKWAY PAD(S) TO BE DETERMINED BASED ON MANUFACTURER SPECIFICATIONS AND RECOMMENDATIONS.
4. RESEAL EXPOSED HORIZONTAL JOINTS AT PARAPETS BETWEEN PRECAST CONCRETE WALL PANELS - TYPICAL AT ALL PARAPETS WITH NO METAL CAP FLASHING.
5. REFER TO 12/A-501 FOR TYPICAL COUNTERFLASHING DETAIL AT BASE OF WALLS, PARAPETS AND SUPPORT PEDESTALS ON ROOF.
6. SEE 16/A-501 FOR DETAIL AT IRREGULARLY SHAPED ROOF PROJECTIONS.

LIGHTNING PROTECTION NOTES:

1. MAINTAIN EXISTING LIGHTNING PROTECTION THROUGHOUT CONSTRUCTION.
2. REINSTALL EXISTING LIGHTNING PROTECTION SYSTEM IN ACCORDANCE WITH NFPA 780 AFTER ROOF REPLACEMENT WORK IS COMPLETE - REFER TO DETAIL 3/A-501.

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FULTON COUNTY

STATE OF GEORGIA — GARY R. WATKINS — CERTIFICATE NO. PE012602 — REGISTERED ARCHITECT

FULTON COUNTY JUSTICE CENTER TOWER
ROOF REPLACEMENT
FULTON COUNTY PROJECT NO. FRR201403294

185 CENTRAL AVENUE, ATLANTA, GEORGIA 30303

MRK	DATE	REVISION DESCRIPTION

A KEY PLAN

SCALE: NOT TO SCALE

NORTH PLAN

COMM NO:	214216.00
DATE:	3/17/2015
DRAWN: JEG	DESIGN: GRW
CHECK:	GRW
SHEET TITLE	PARTIAL NEW ROOF PLAN
SHT. NO.	A-106
REV. NO.	

12/26/2013 6:28 AM
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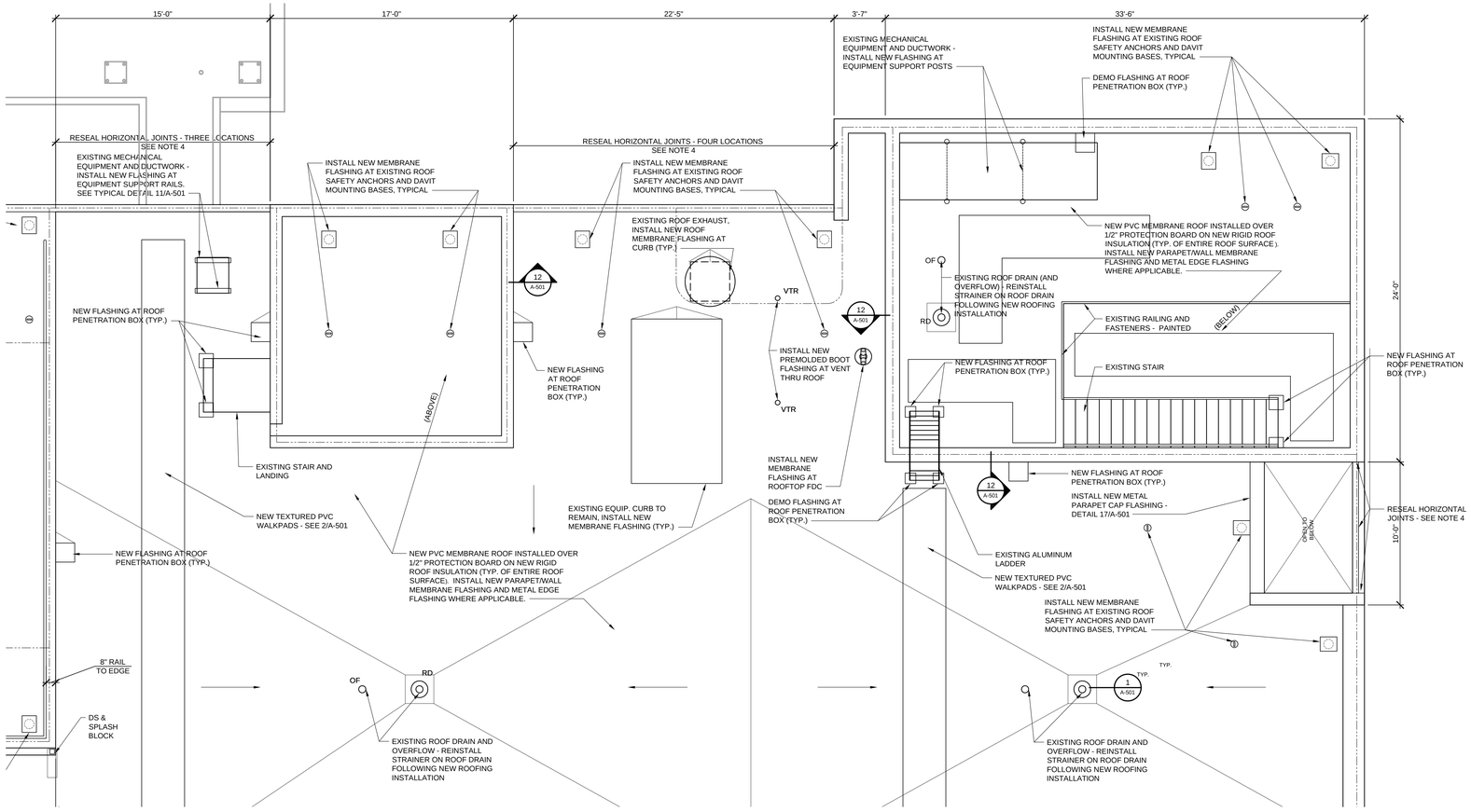
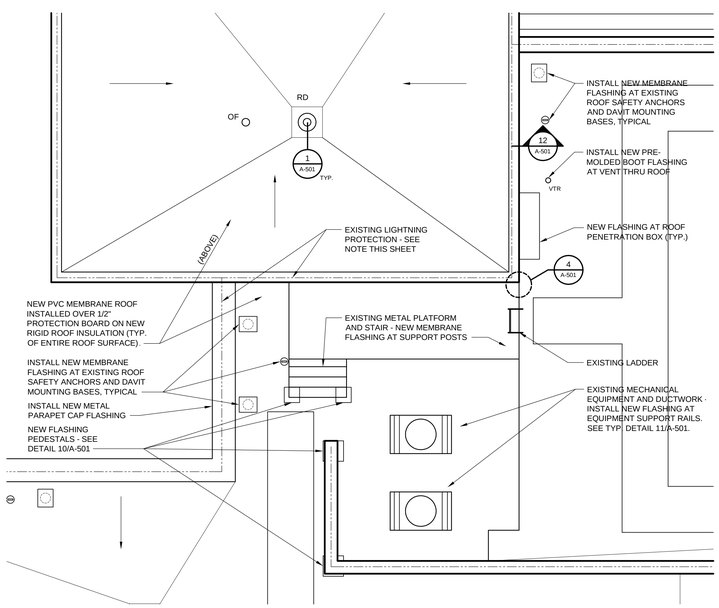


1 ENLARGED PARTIAL ROOF PLAN

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

0' 2' 4' 8'



2 ENLARGED PARTIAL ROOF PLAN

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

0' 2' 4' 8'

NOTES

1. INSTALL NEW VENT FLASHING AT ALL EXISTING VENT LOCATIONS - REFER TO DETAIL 14/A-501 (ALT. DETAIL 15/A-501).
2. MINIMUM SLOPE FOR ALL TAPERED ROOF INSULATION IS ¼" RISE PER FOOT OF HORIZONTAL RUN. INSTALL ROOF CRICKET AT HIGH SIDE OF ALL ROOF EQUIPMENT CURBS.
3. EXACT LAYOUT AND DIMENSIONS OF WALKWAY PAD(S) TO BE DETERMINED BASED ON MANUFACTURER SPECIFICATIONS AND RECOMMENDATIONS.
4. RESEAL EXPOSED HORIZONTAL JOINTS AT PARAPETS BETWEEN PRECAST CONCRETE WALL PANELS - TYPICAL AT ALL PARAPETS WITH NO METAL CAP FLASHING.
5. REFER TO 12/A-501 FOR TYPICAL COUNTERFLASHING DETAIL AT BASE OF WALLS, PARAPETS AND SUPPORT PEDESTALS ON ROOF.
6. SEE 16/A-501 FOR DETAIL AT IRREGULARLY SHAPED ROOF PROJECTIONS.

LIGHTNING PROTECTION NOTES:

1. MAINTAIN EXISTING LIGHTNING PROTECTION THROUGHOUT CONSTRUCTION.
2. REINSTALL EXISTING LIGHTNING PROTECTION SYSTEM IN ACCORDANCE WITH NFPA 780 AFTER ROOF REPLACEMENT WORK IS COMPLETE - REFER TO DETAIL 3/A-501.

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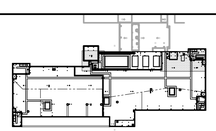
FULTON COUNTY

STATE OF GEORGIA GARY R. WATKINS 22002 REGISTERED ARCHITECT

FULTON COUNTY JUSTICE CENTER TOWER
ROOF REPLACEMENT
FULTON COUNTY PROJECT NO. FRR201403294

185 CENTRAL AVENUE, ATLANTA, GEORGIA 30303

MRK	DATE	REVISION DESCRIPTION



A KEY PLAN

SCALE: NOT TO SCALE

NORTH

COMM NO:	214216.00
DATE:	3/17/2015
DRAWN: JEG	DESIGN: GRW
CHECK:	GRW
SHEET TITLE	ENLARGED PARTIAL NEW ROOF PLAN
SHT. NO.	A-107
REV. NO.	

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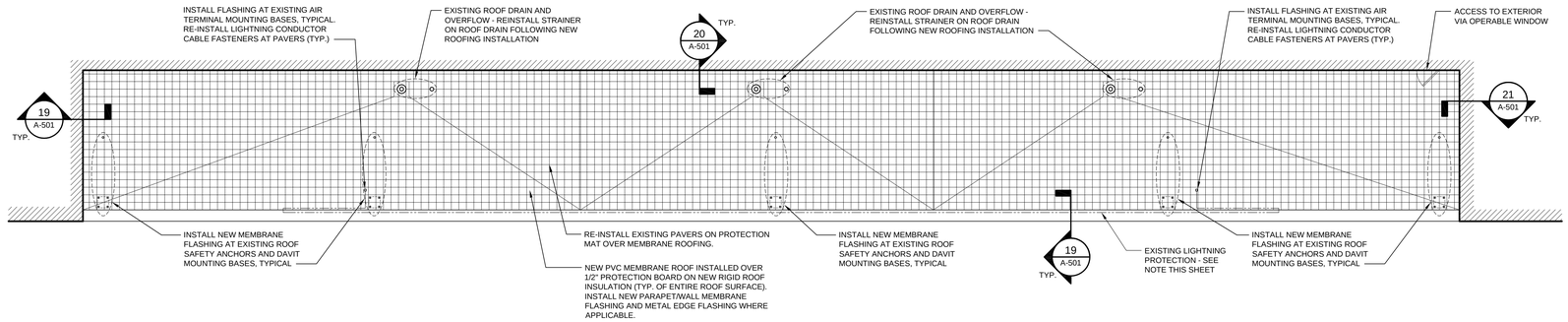
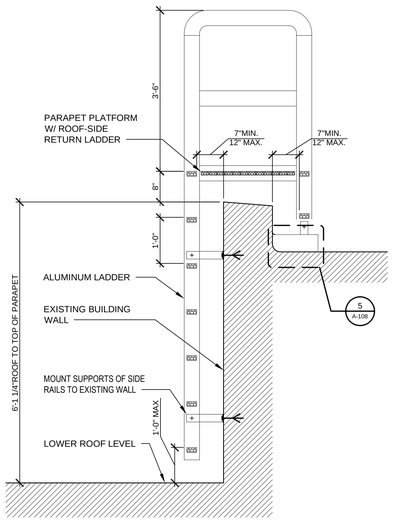


1 EIGHTH FLOOR PATIO PLAN

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



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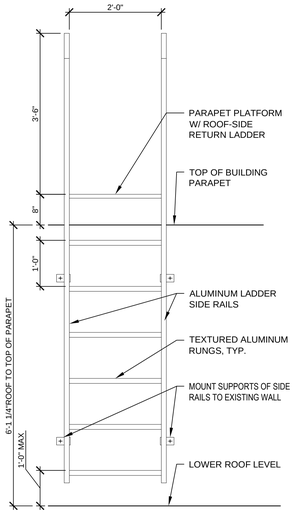
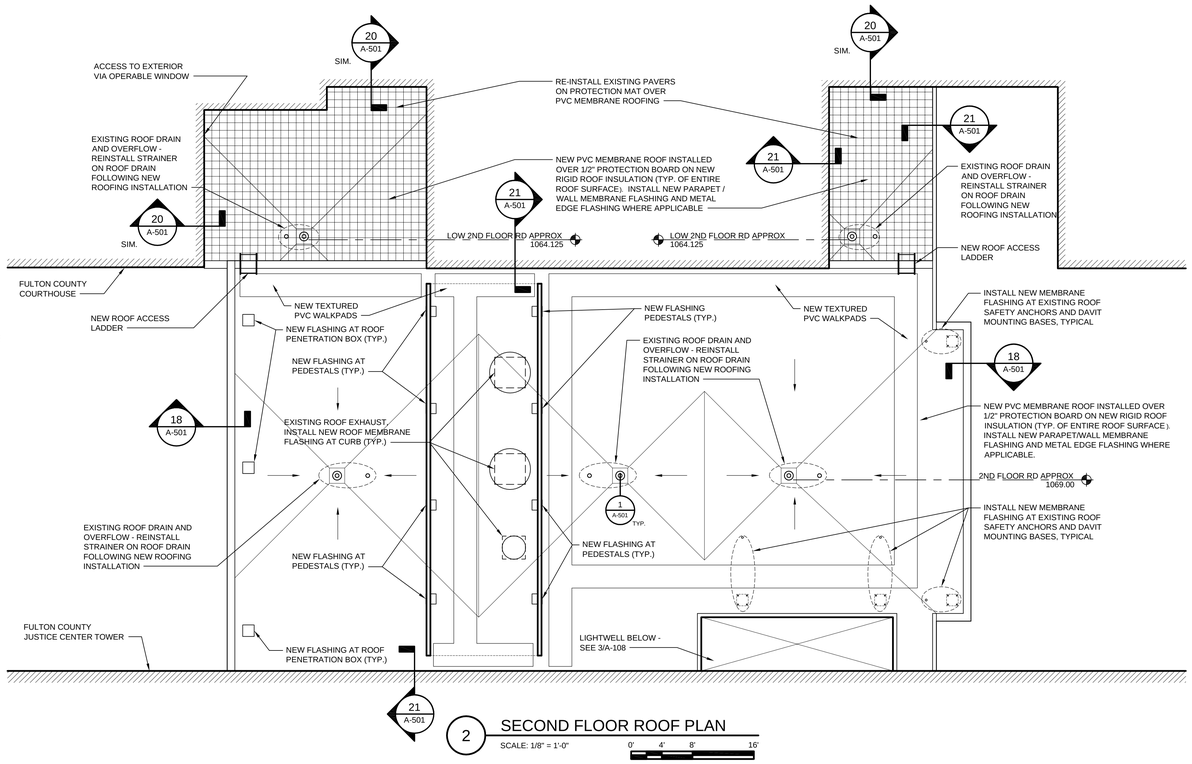


ELEVATION

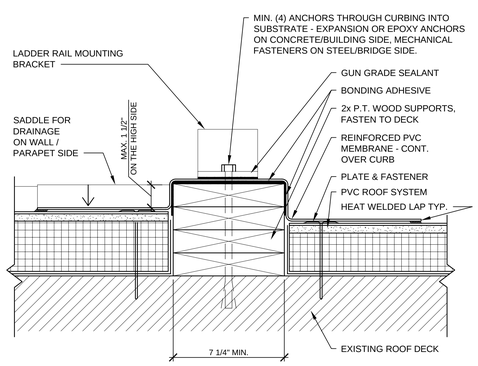
4 LADDER WITH PARAPET RETURN AND CROSSOVER PLATFORM

SCALE: 3/4" = 1'-0"



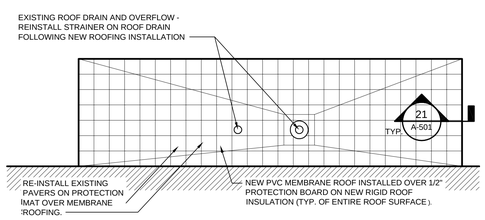
2 SECOND FLOOR ROOF PLAN

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



5 CONCEALED WOOD SUPPORT CURB

SCALE: 3" = 1'-0"



3 LIGHT WELL PLAN

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

NOTES

1. INSTALL NEW VENT FLASHING AT ALL EXISTING VENT LOCATIONS - REFER TO DETAIL 14/A-501 (ALT. DETAIL 15/A-501).
2. MINIMUM SLOPE FOR ALL TAPERED ROOF INSULATION IS ¼" RISE PER FOOT OF HORIZONTAL RUN. INSTALL ROOF CRICKET AT HIGH SIDE OF ALL ROOF EQUIPMENT CURBS.
3. EXACT LAYOUT AND DIMENSIONS OF WALKWAY PAD(S) TO BE DETERMINED BASED ON MANUFACTURER SPECIFICATIONS AND RECOMMENDATIONS.
4. RESEAL EXPOSED HORIZONTAL JOINTS AT PARAPETS BETWEEN PRECAST CONCRETE WALL PANELS - TYPICAL AT ALL PARAPETS WITH NO METAL CAP FLASHING.
5. REFER TO 12/A-501 FOR TYPICAL COUNTERFLASHING DETAIL AT BASE OF WALLS, PARAPETS AND SUPPORT PEDESTALS ON ROOF.
6. SEE 16/A-501 FOR DETAIL AT IRREGULARLY SHAPED ROOF PROJECTIONS.

LIGHTNING PROTECTION NOTES:

1. MAINTAIN EXISTING LIGHTNING PROTECTION THROUGHOUT CONSTRUCTION.
2. REINSTALL EXISTING LIGHTNING PROTECTION SYSTEM IN ACCORDANCE WITH NFPA 780 AFTER ROOF REPLACEMENT WORK IS COMPLETE - REFER TO DETAIL 3/A-501.

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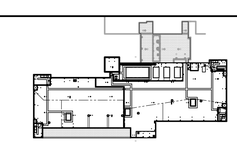
FULTON COUNTY

STATE OF GEORGIA ★ GARY R. WATKINS ★ CERTIFICATE NO. PE012600 ★ REGISTERED ARCHITECT

FULTON COUNTY JUSTICE CENTER TOWER
ROOF REPLACEMENT
FULTON COUNTY PROJECT NO. FRR201403294

185 CENTRAL AVENUE, ATLANTA, GEORGIA 30303

MRK.	DATE	REVISION DESCRIPTION



A KEY PLAN

SCALE: NOT TO SCALE

NORTH

COMM NO:	214216.00
DATE:	3/17/2015
DRAWN: JEG	DESIGN: GRW
CHECK:	GRW

SHEET TITLE

ENLARGED PARTIAL NEW ROOF PLAN

SHT. NO. A-108 | REV. NO.

12/26/2013 6:28 AM
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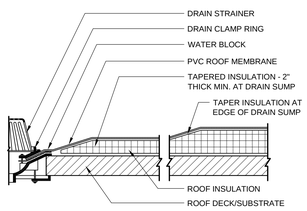
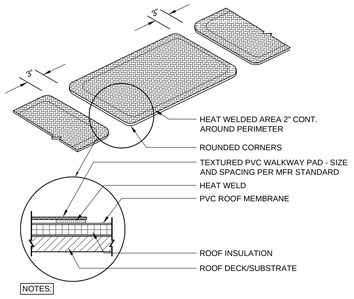


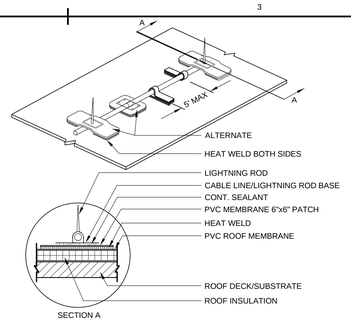
NOTES:
1. A FIELD WELD CANNOT PASS WITHIN 9" OF THE CLAMPING, OR WITHIN THE DRAIN SUMP ITSELF.
2. MEMBRANE MUST EXTEND MINIMUM 1" BEYOND THE BOLT HOLES, THE CLAMPING RING BOLTS MUST PENETRATE THE MEMBRANE.
3. TAPERED INSULATION TO CREATE A ROOF SUMP MINIMUM 36" X 36" IN SIZE.

1 TYPICAL ROOF DRAIN
SCALE: NOT TO SCALE



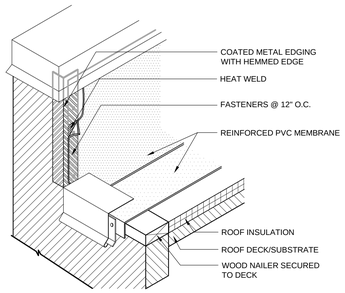
NOTES:
1. DO NOT CROSS SEAMS WITH WALKWAY PADS.
2. HEAT WELD EDGE OF WALKWAY ROLLS CONTINUOUSLY
3. REQUIRED AT ALL ROOF ACCESS POINTS

2 WALKWAY PAD DETAIL
SCALE: NOT TO SCALE

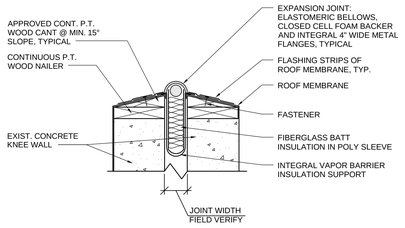


NOTES:
1. APPLY PVC CUT EDGE SEALANT TO ALL CUT REINFORCED PVC EDGES.

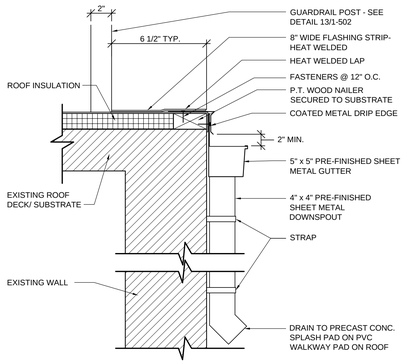
3 LIGHTNING PROTECTION DETAIL
SCALE: NOT TO SCALE



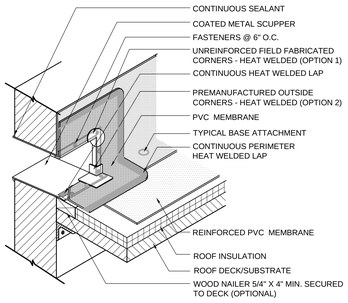
4 VERTICAL WALL EDGE DETAIL
SCALE: NOT TO SCALE



5 BUILDING EXP. JOINT DETAIL
SCALE: NOT TO SCALE

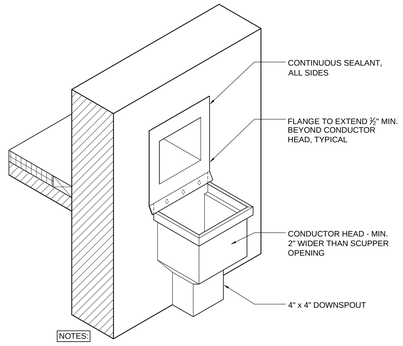


6 GUTTER DETAIL
SCALE: NOT TO SCALE



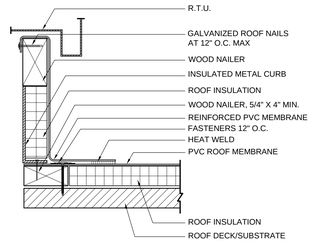
NOTES:
1. SEE DETAIL 8/A-501 FOR CONDUCTOR HEAD AND DOWNSPOUT.

7 SCUPPER DETAIL
SCALE: NOT TO SCALE

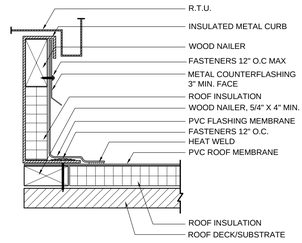


NOTES:
1. SEE DETAIL 7/A-501 FOR THROUGH-WALL SCUPPER.

8 CONDUCTOR HEAD DETAIL
SCALE: NOT TO SCALE

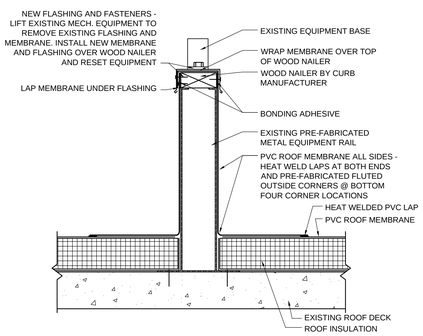


9 CURB FLASHING DETAIL
SCALE: NOT TO SCALE

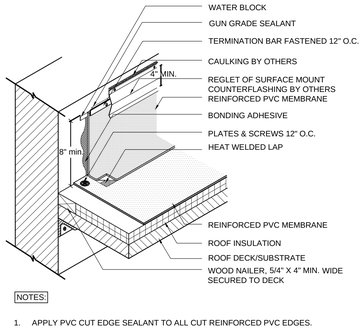


NOTES:
1. METAL COUNTERFLASHING IS NOT REQ. IF MEMBRANE IS RUN UP AND OVER CURB WALLS PRIOR TO INSTALLATION OF EQUIPMENT.
2. INSTALL METAL WORK IN ACCORDANCE WITH CURRENT SMACNA RECOMMENDATIONS.

10 CURB COUNTERFLASHING DETAIL
SCALE: NOT TO SCALE

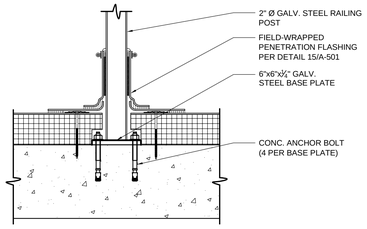


11 EQUIPMENT RAIL DETAIL
SCALE: NOT TO SCALE

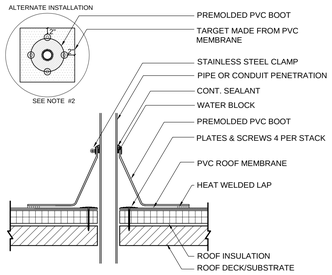


NOTES:
1. APPLY PVC CUT EDGE SEALANT TO ALL CUT REINFORCED PVC EDGES.

12 WALL COUNTERFLASHING DETAIL
SCALE: NOT TO SCALE

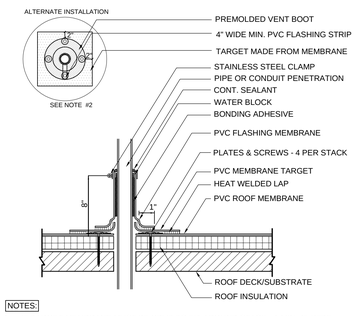


13 RAILING POST DETAIL
SCALE: NOT TO SCALE



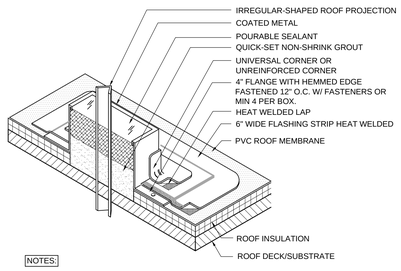
NOTES:
1. IF THE PLATES AND FASTENERS INTRUDE INTO BOOT FLANGE AREA, THEN A TARGET MUST FIRST BE INSTALLED OVER PLATES AND FASTENERS BEFORE BOOT INSTALLATION.
2. APPLY PVC CUT EDGE SEALANT TO ALL CUT REINFORCED PVC EDGES OF TARGET IF USED

14 PENETRATION FLASHING
SCALE: NOT TO SCALE



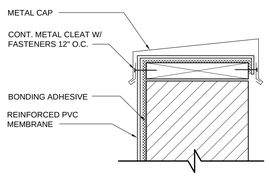
NOTES:
1. IF TARGET MEMBRANE MUST BE SPLIT TO FIT AROUND STACK, A MIN. 4" WIDE PVC FLASHING STRIP MUST BE HEAT WELDED OVER SPLIT.
2. IF THE PLATES AND FASTENERS INTRUDE INTO BOOT FLANGE AREA, THEN A TARGET MUST FIRST BE INSTALLED OVER PLATES AND FASTENERS BEFORE BOOT INSTALLATION.
3. APPLY HEAT TO UNREINFORCED FLASHING AND FORM BY HAND PRIOR TO HOT AIR WELDING.
4. APPLY PVC CUT EDGE SEALANT TO ALL CUT REINFORCED PVC EDGES

15 PENETRATION FLASHING (ALT.)
SCALE: NOT TO SCALE

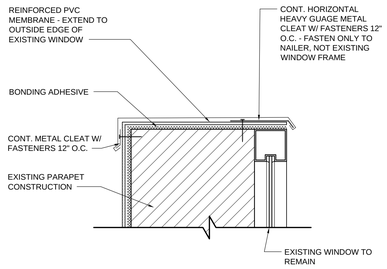


NOTES:
1. BEND COATED METAL TO FORM A SEALANT BOX AS SHOWN. STRIP IN VERTICAL SEAM WHERE BOX IS JOINED TOGETHER.
2. ALLOW 2" CLEARANCE AROUND THE PROJECTION. IF MULTIPLE PROJECTIONS, ALLOW 1" BETWEEN PROJECTION AND BOX.
3. INSIDE SURFACE OF COATED METAL SEALANT BOX (BARE METAL SIDE) MUST BE CLEAN AND DRY BEFORE SEALANT IS APPLIED.
4. EXISTING PROJECTION MUST BE CLEANED AND FREE OF ANY INSULATING MATERIALS .
5. PREMOLDED HEAT WELDABLE PIPE BOOTS MAY ALSO BE USED. CUT OFF STEPPED SECTIONS OF BOOT LEAVING LARGE BOTTOM OF BOOT INTACT. WELD FLANGE IN PLACE AND FILL WITH POURABLE SEALER TO TOP AND ADD STAINLESS STEEL BAND.
6. IF USING BOOT, PRIME INSIDE OF BOOT. DO NOT CUT BOOT.
7. APPLY PVC CUT EDGE SEALANT TO ALL CUT REINFORCED PVC EDGES.

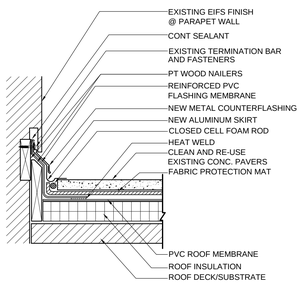
16 SEALANT BOX DETAIL
SCALE: NOT TO SCALE



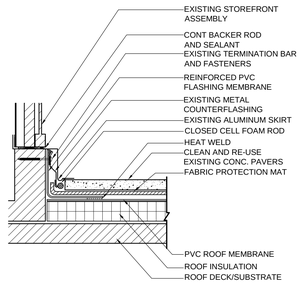
17 CAP FLASHING DETAIL
SCALE: NOT TO SCALE



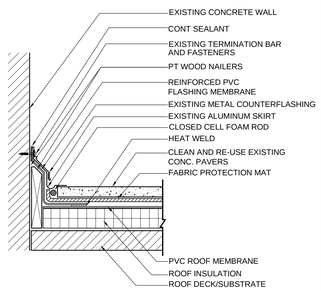
18 CAP FLASHING AT CURTAIN WALL
SCALE: NOT TO SCALE



19 PATIO PARAPET FLASHING
SCALE: NOT TO SCALE



20 STOREFRONT FLASHING
SCALE: NOT TO SCALE



21 WALL TERMINATION AT PATIO
SCALE: NOT TO SCALE

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7000 Central Parkway, Suite 1475, Atlanta, Georgia 30328-6055
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FULTON COUNTY

STATE OF GEORGIA — GARY R. WATKINS — GEORGIA REGISTERED ARCHITECT

FULTON COUNTY JUSTICE CENTER TOWER
ROOF REPLACEMENT
FULTON COUNTY PROJECT NO. FRR201403294

185 CENTRAL AVENUE, ATLANTA, GEORGIA 30303

MRK	DATE	REVISION DESCRIPTION

COMM NO:	214216.00
DATE:	3/17/2015
DRAWN: JEG	DESIGN: GRW
CHECK:	GRW

SHEET TITLE
ROOF DETAILS

SHT. NO. A-501 | REV. NO.

12/26/2013 6:28 AM
X:\2014\214216 FCJC Tower Partial Roof Replace\CAD\Arch\214216A12_A_DETAILS.dwg