

CONSTRUCTION PLANS FOR TMUA MISCELLANEOUS ROOF REPLACEMENT

INTERCEPTOR LIFT STATION - 8520 EAST MOHAWK BLVD - TULSA, OK
 COAL CREEK FEB - 3131 NORTH ERIE AVE - TULSA, OK
 FLAT ROCK FEB - 3104 EAST 56TH ST NORTH - TULSA, OK
 MINGO FEB - 10468 EAST PINE ST- TULSA, OK
 PORT SOUTH LIFT STATION - 1000 WEST FORT GIBSON ST - CATOOSA , OK

PROJECT NO. TMUA SP 14-15
 ACCOUNT NOS.: 6032-5451101-040522112004
 6054-5451101-040522092019
OWRB LOAN NO: ORF-09-001-CW
 CITY OF TULSA
 ENGINEERING SERVICES DEPARTMENT

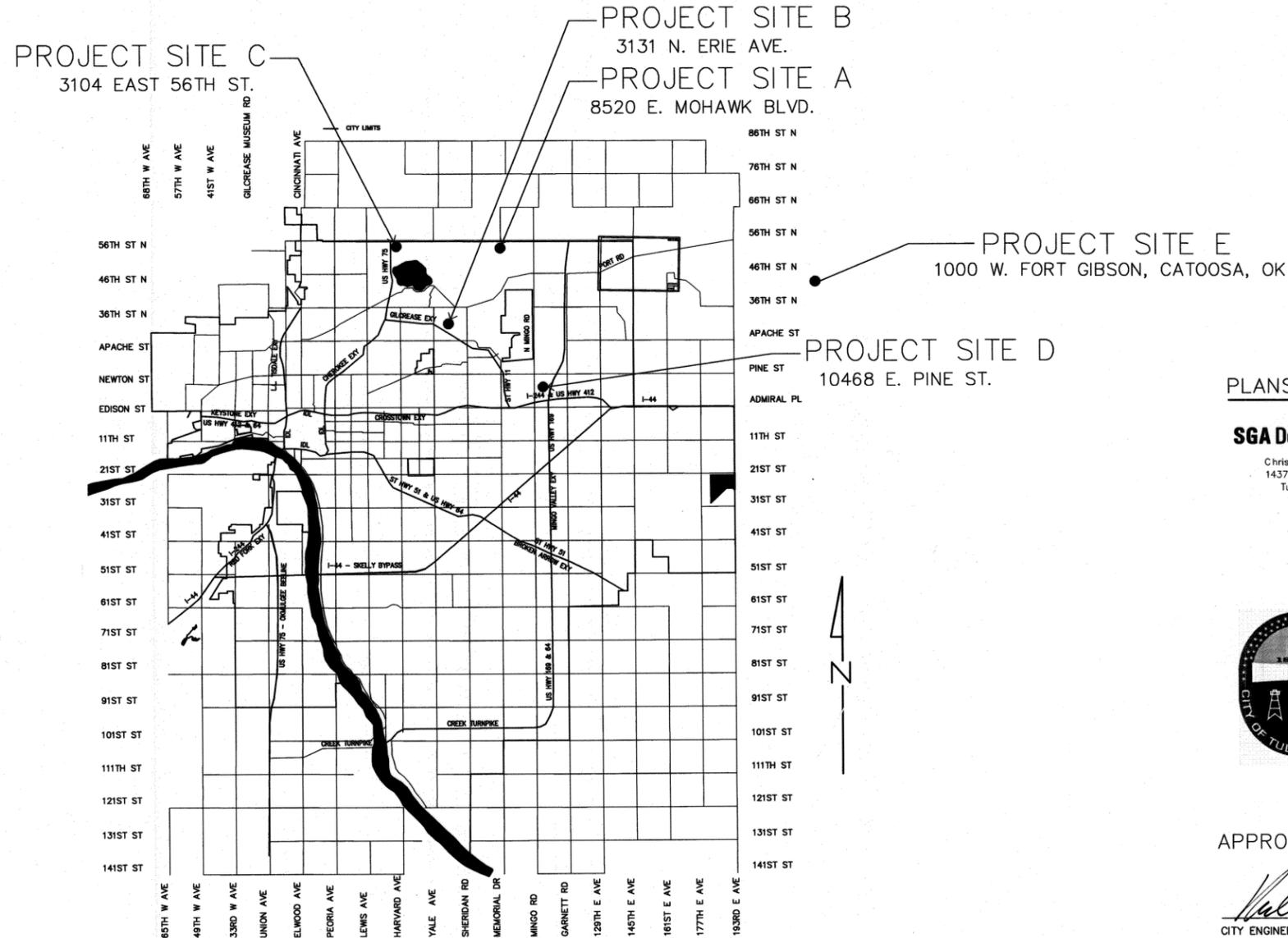
GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH CURRENT CITY OF TULSA ORDINANCES, ENGINEERING SERVICES STANDARDS SPECIFICATIONS AND STANDARD DETAILS. (CITY OF TULSA ORDINANCE AND CODES AMENDMENTS SUPERCEDE NATIONAL CODES)
2. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ALL STRUCTURES, LANDSCAPING, PAVING AND ANY OTHER ITEMS LOCATED WITHIN AND OUTSIDE THE WORK AREA. ANY DAMAGE TO PERMANENT ITEMS INCURRED BY THE CONTRACTOR THROUGH HIS WORK IN THIS CONTRACT SHALL BE REPAIRED TO ORIGINAL CONDITION, BY THE CONTRACTOR AT HIS OWN EXPENSE.
3. CONTRACTORS WILL COORDINATE WITH IDENTIFIED MAINTENANCE OPERATIONS PERSONNEL FOR APPLICATION, SHUT OFF AND REMOVAL OF ALL UTILITIES.
4. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND QUANTITIES.

DRAWING INDEX

SHEET NO TITLE

| | |
|-------|---|
| G001A | COVER SHEET |
| A101A | SUMMARY OF PAY ITEMS |
| A101A | ROOF PLANS |
| A101B | INTERCEPTOR LIFT STATION 8520 EAST MOHAWK BLVD |
| A101B | ROOF PLANS & DET COAL CREEK FEB |
| A101C | ROOF PLANS & DET 3131 NORTH ERIE AVE |
| A101C | ROOF PLANS & DET FLAT ROCK FEB |
| A101D | ROOF PLANS & DET 3014 EAST 56TH ST NORTH |
| A101D | ROOF PLANS & DET MINGO FEB |
| A101E | ROOF PLANS & DET 10468 EAST PINE ST |
| A101E | ROOF PLANS & DET PORT SOUTH LIFT STATION 1000 WEST FORT GIBSON ST |
| A501A | ROOF DETAILS INTERCEPTOR LIFT STATION 8520 EAST MOHAWK BLVD |



| UTILITY COORDINATION BOX | | |
|-------------------------------------|--------------|----------|
| | NUMBER | NOTIFIED |
| ENGINEERING SERVICES | | |
| WATER DESIGN | 918-596-9586 | |
| WASTEWATER DESIGN | 918-596-9584 | |
| TRANSPORTATION DESIGN | 918-596-9636 | |
| TRAFFIC ENGINEERING DESIGN | 918-596-9749 | |
| STORMWATER DESIGN | 918-596-9498 | |
| BUILDING MAINTENANCE AND OPERATIONS | 918-596-9389 | |
| OKLAHOMA NATURAL GAS CO. | 918-831-8293 | |
| CDX COMMUNICATIONS | 918-286-4666 | |
| PUBLIC SERVICE CO. / NEP | 918-596-2233 | |
| AT&T | 918-578-2142 | |



PLANS PREPARED BY:

SGA Design Group, P.C.

Christopher B. Goble, Architect
 1437 South Boulder, Suite 550
 Tulsa, Oklahoma 74119.3609
 p: 918.587.8600
 f: 918.587.8601
 www.sgadesigngroup.com



DATE/STAMP/SIGNATURE



APPROVED BY

[Signature]
 CITY ENGINEER

Clayton Edwards
 WATER AND SEWER DIRECTOR

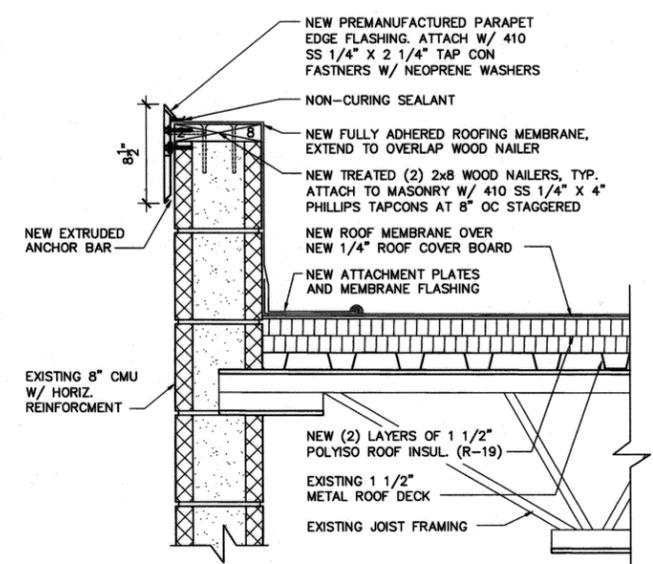
DATE: 05.20.16

05/27/16
 DATE

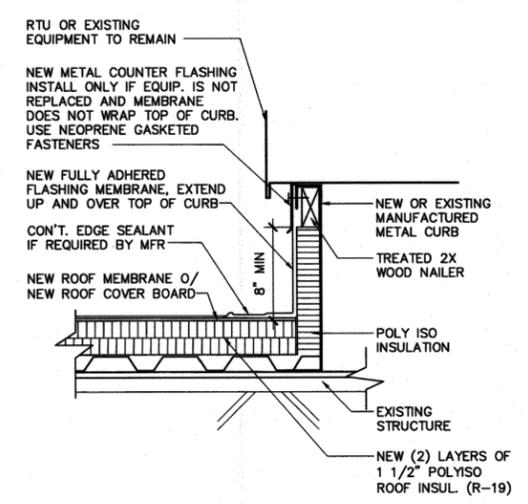
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GENERAL NOTES

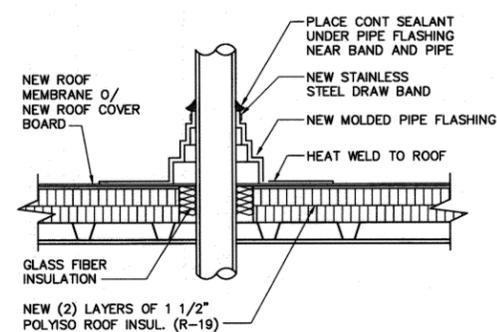
1. REMOVE EXISTING ROOF SYSTEM, INSULATION, WOOD BLOCKING AND FLASHINGS DOWN TO STRUCTURAL DECK.
2. REMOVE EXISTING ROOFTOP EQUIPMENT FOR CURB REPLACEMENT. SECURELY STORE UNITS TO BE RE-INSTALLED. COORDINATE CURB SIZE WITH EXISTING UNIT.
3. REMOVE ALL ABANDONED/NON-FUNCTIONAL EQUIPMENT FROM ROOF. UTILIZE QUALIFIED ELECTRICIAN TO TERMINATE ELECTRICAL IN NEW OR EXISTING JUNCTION BOX BELOW DECK. REMOVE ANY ABANDONED ELECTRICAL CONDUIT BACK TO NEAREST J-BOX OR PANEL.
4. REMOVE ALL SEALANTS, FLASHING, AND LOOSE OR DAMAGED CMU/MORTAR FROM PARAPET WALLS AND JOINTS.
5. COORDINATE RE-ROOFING OPERATIONS TO PREVENT WATER INFILTRATION INTO BUILDING DURING CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR ANY WATER DAMAGES TO CONTENTS OF THE BUILDING DURING RE-ROOF OPERATIONS.
6. COORDINATE ANY MECHANICAL FASTENERS WITH ELECTRICAL CONDUIT THAT MAY BE INSTALLED. CONTRACTOR WILL BE RESPONSIBLE TO REPAIR ANY EXISTING ELECTRICAL DAMAGED DURING REROOFING OPERATIONS.
7. STAGGER JOINTS BETWEEN LAYERS OF 1 1/2" POLYISO INSULATION. NO JOINTS BETWEEN LAYERS SHOULD ALIGN.
8. INSTALL ALL TAPERED ROOF INSULATION TO PROVIDE 1/4" PER FOOT COUNTER SLOPE MINIMUM. INSTALL 1/2" TAPERED BOARD ON HIGH SIDE OF ALL RTU UNITS AND OTHER MECHANICAL EQUIPMENT TO PROVIDE POSITIVE WATER DRAINAGE AROUND UNIT.
9. PROVIDE UNIT PRICE TO REMOVE AND REPLACE AREA OF STRUCTURAL METAL DECK WITH OVERLAY OF 22 GA METAL DECK OR 22 GA FLAT METAL. REPLACEMENT AREAS TO BE DETERMINED UPON REMOVAL OF EXISTING ROOF SYSTEM.
10. PROVIDE UNIT PRICE TO REMOVE AREAS OF LOOSE OR FLAKING RUST AND TREAT AREAS WITH PENETRATING SEALER.



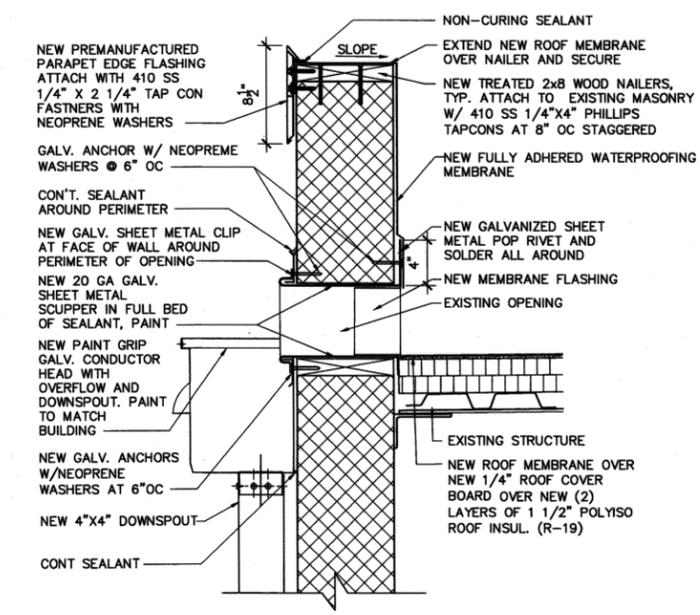
8 PARAPET FLASHING DETAIL
1 1/2" = 1'-0"



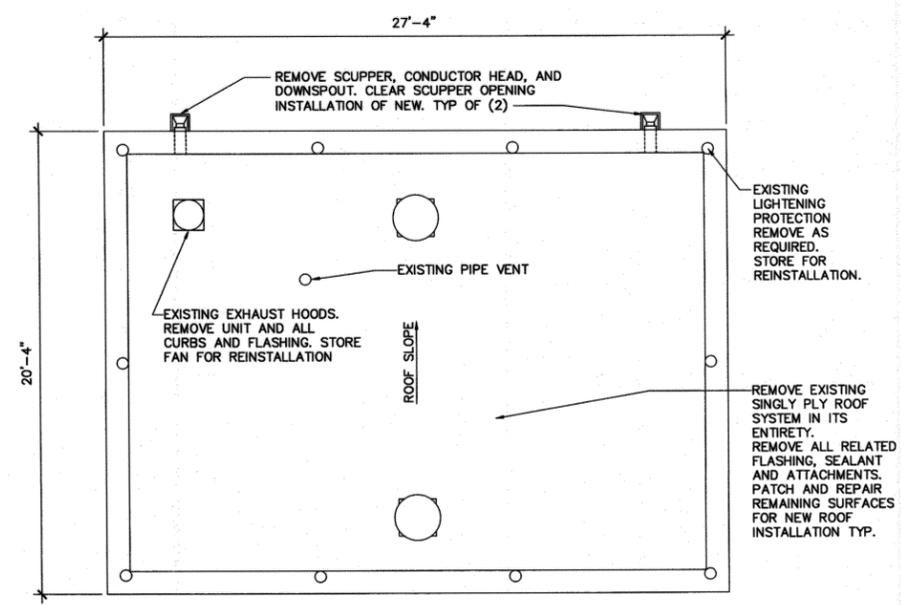
6 EQUIPMENT CURB DETAIL
1 1/2" = 1'-0"



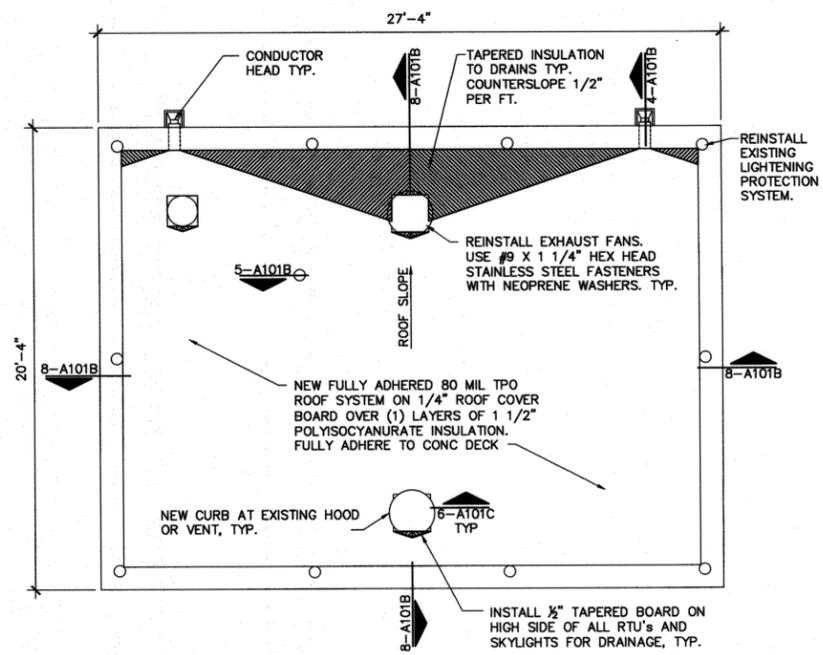
5 PENETRATION
1 1/2" = 1'-0"



4 THROUGH WALL SCUPPER AND DOWNSPOUT DETAIL
1 1/2" = 1'-0"



1 ROOF DEMOLITION PLAN
1/4" = 1'-0"



2 ROOF PLAN
1/4" = 1'-0"



TMUA MISCELLANEOUS ROOF REPLACEMENT
PROJECT NO.: TMUA SP 14-15

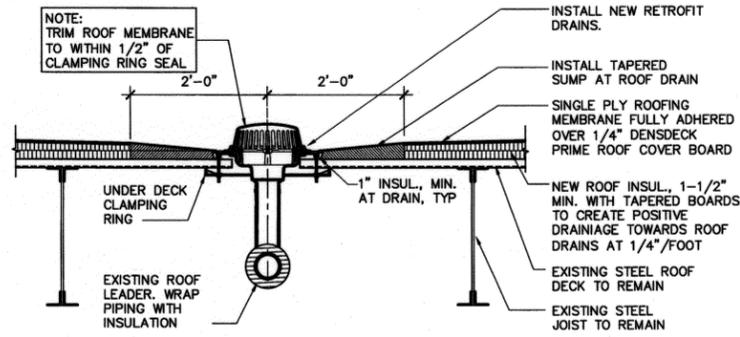
CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

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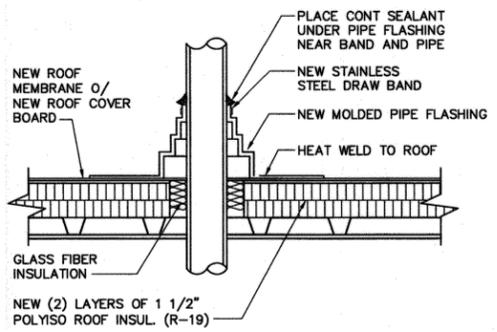
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| | | | | 1" = | DESIGNED | dah | 01/2014 | CITY ENGINEER DATE: 05/20/16 |
| | | | | | SURVEY | N/A | | |
| | | | | PROFILE SCALE: | PROJ. MGR. | WJ | 5/16 | |
| | | | | 1" = | LEAD ENGR. | WJ | 5/16 | |
| | | | | HORIZONTAL: | FIELD MGR. | WJ | 5/16 | |
| | | | | 1" = | RECOMMENDED: | WJ | 5/16 | |
| | | | | VERTICAL: | DESIGN MANAGER | WJ | 5/16 | |
| | | | | FILE: | DRAWING: | | | |
| | | | | ATLAS PAGE NO: | | | | SHEET 4 OF 8 SHEETS |
| | | | | SHEET NAME: ROOF PLANS & DET | | | | SHEET NO. |
| | | | | COAL CREEK FEB | | | | A101B |
| | | | | 3131 NORTH ERIE AVE | | | | |

GENERAL NOTES

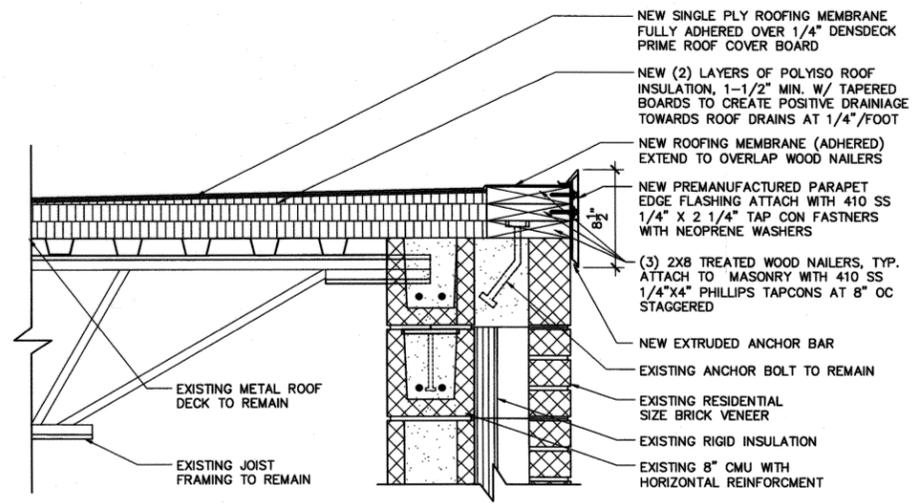
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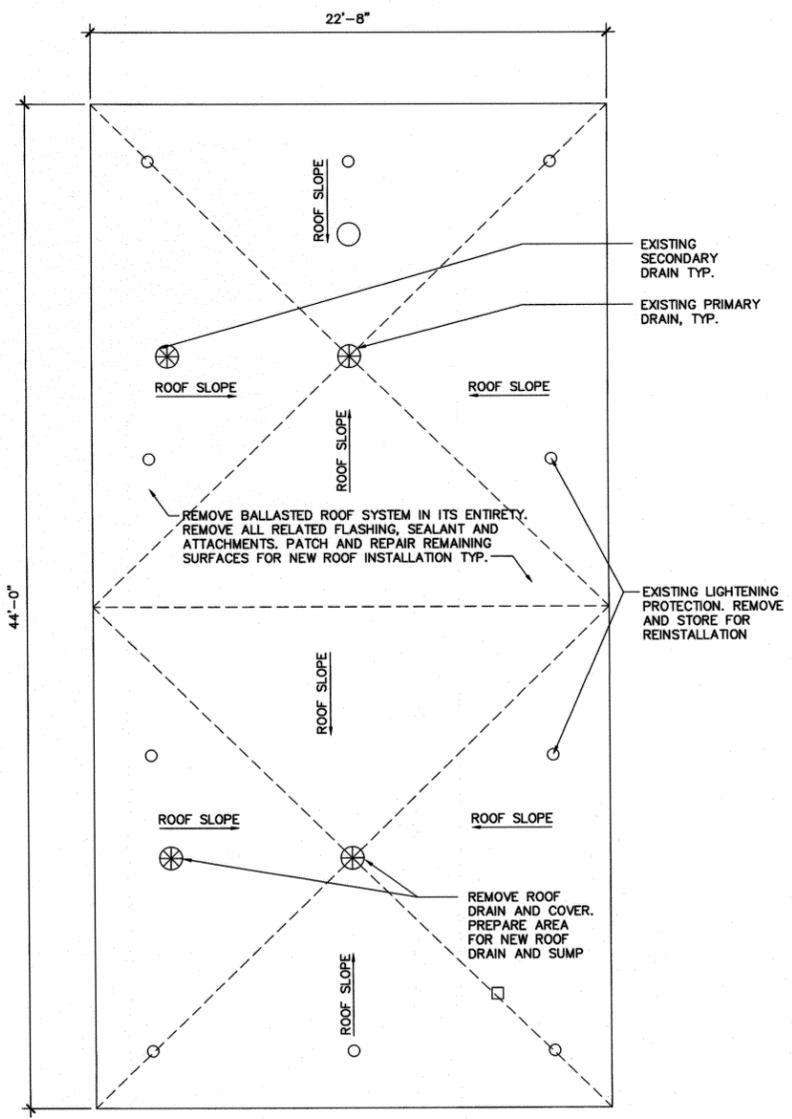
11 INTERNAL ROOF DRAIN SECTION AT PRIMARY DRAIN
3/4" = 1'-0"



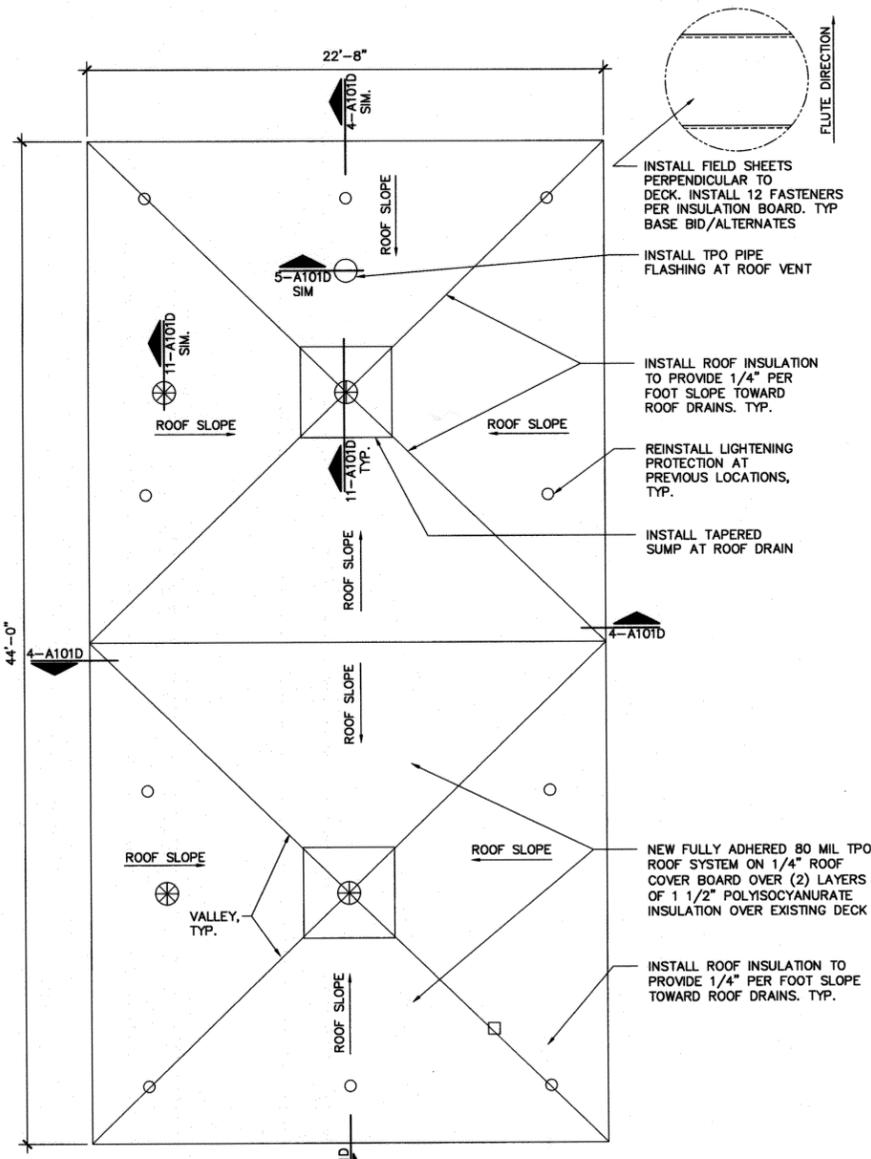
5 PENETRATION
1 1/2" = 1'-0"



4 ROOF CURB
1 1/2" = 1'-0"



1 ROOF DEMOLITION PLAN
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2 ROOF PLAN
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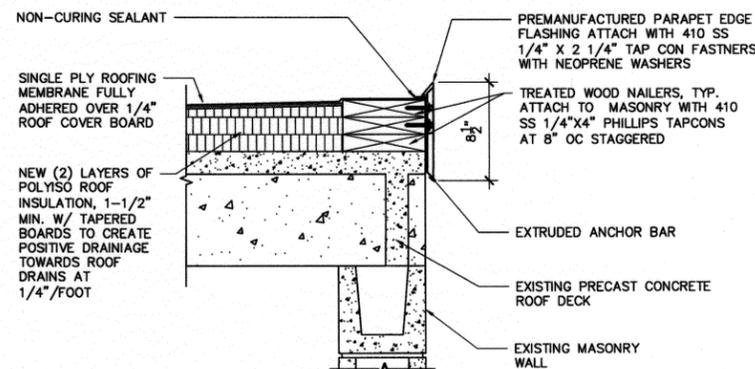
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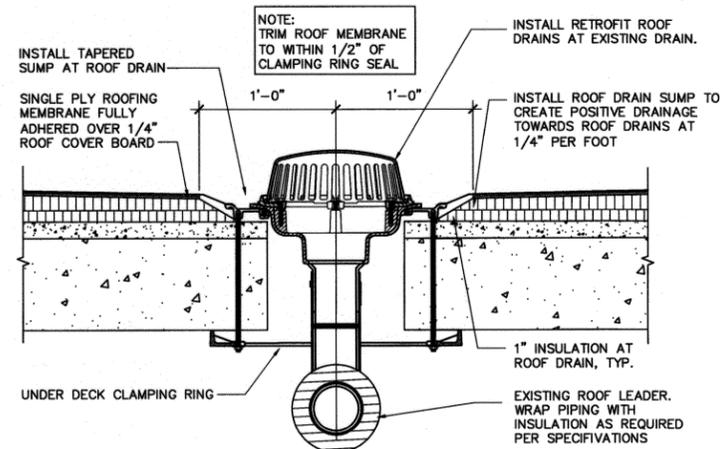
| MK | REVISION | BY | DATE | PLAN SCALE: | DRAWN | LRB | 01/2014 | APPROVED: |
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| | | | | 1" = | DESIGNED | dah | 01/2014 | CITY ENGINEER |
| | | | | | SURVEY | N/A | | |
| | | | | PROFILE SCALE: | PROJ. MGR. | 5/16 | | DATE: 05/20/18 |
| | | | | 1" = | LEAD ENGR. | 5/16 | | |
| | | | | HORIZONTAL: | FIELD MGR. | 5/16 | | SHEET 6 OF 8 SHEETS |
| | | | | 1" = | RECOMMENDED: | | | |
| | | | | VERTICAL: | DESIGN MANAGER | | | SHEET NO. A101D |
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| | | | | FILE: | DRAWING: | | | |
| | | | | ATLAS PAGE NO: | | | | |
| | | | | SHEET NAME: ROOF PLANS & DET | | | | |
| | | | | MINGO FEB | | | | |
| | | | | 10468 EAST PINE ST | | | | |

GENERAL NOTES

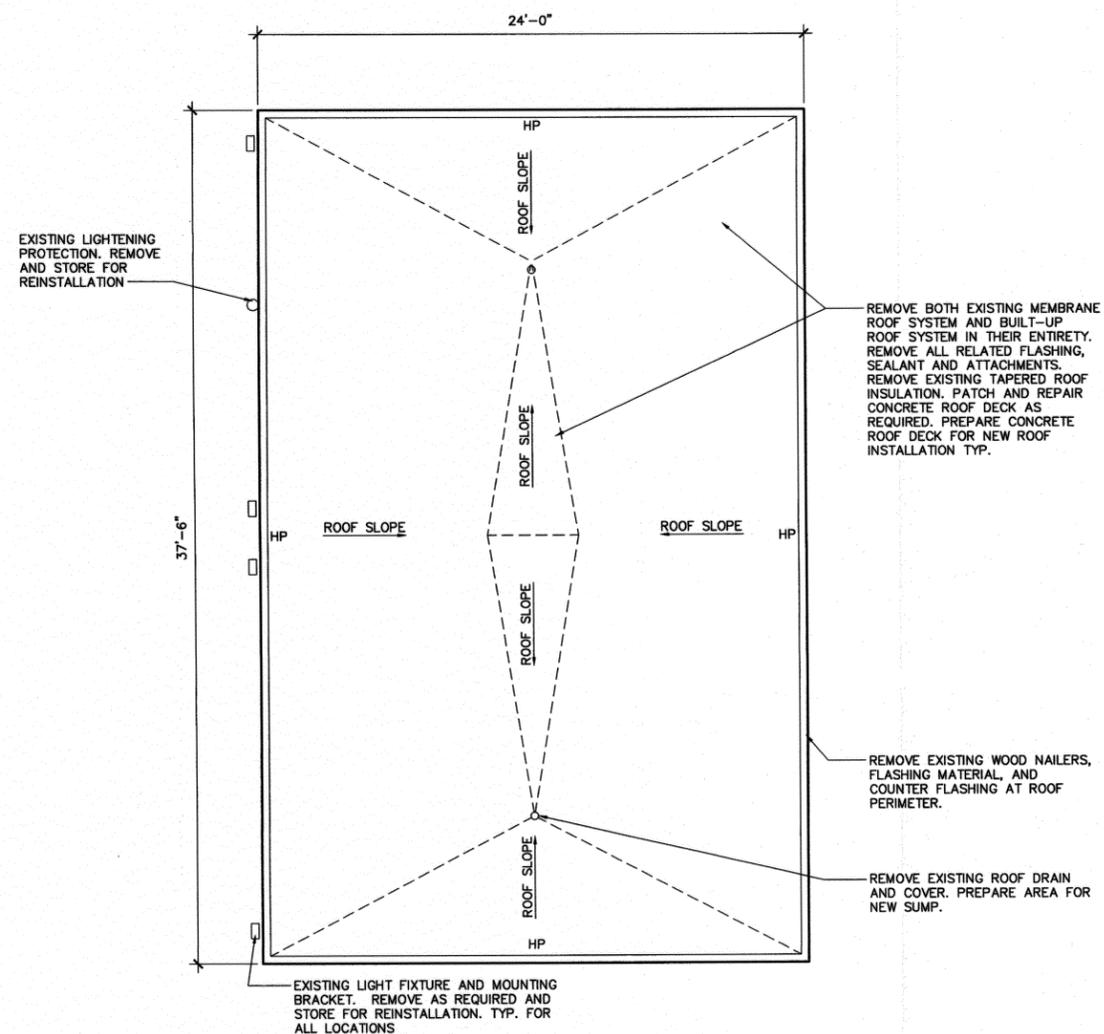
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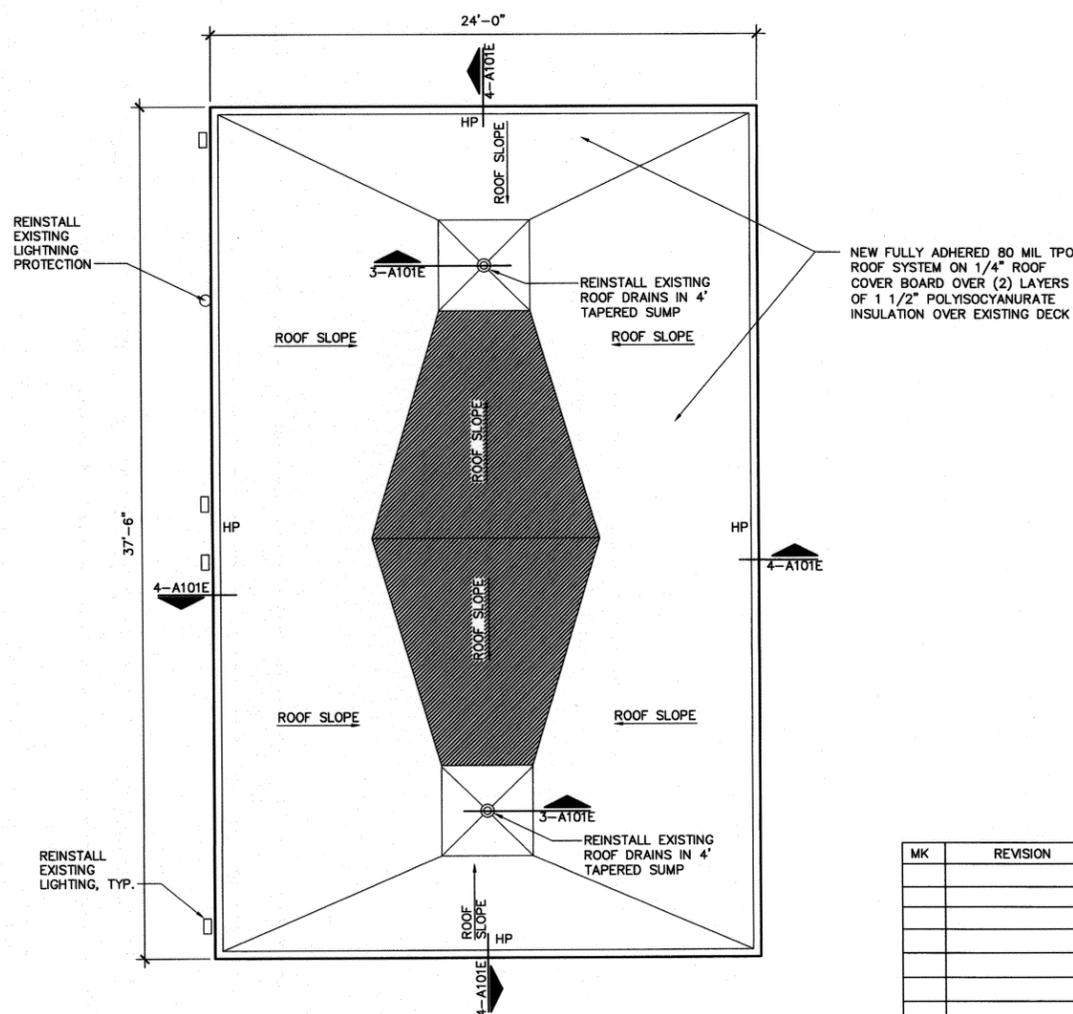
4 ROOF EDGE DETAIL
1 1/2" = 1'-0"



3 ROOF DRAIN DETAIL
1 1/2" = 1'-0"



1 ROOF DEMOLITION PLAN
1/4" = 1'-0"



2 ROOF PLAN
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TMUA MISCELLANEOUS ROOF REPLACEMENT

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| | | | | | SURVEY | N/A | | |
| | | | | PROFILE SCALE: | PROJ. MGR. | MM | 5/16 | |
| | | | | 1" = | LEAD ENGR. | MM | 5/16 | |
| | | | | HORIZONTAL: | FIELD MGR. | MM | 5/16 | CITY ENGINEER SHEET 7 OF 8 SHEETS SHEET NO. A101E |
| | | | | 1" = | RECOMMENDED: | MM | 5/16 | |
| | | | | 1" = | DESIGN MANAGER | MM | 5/16 | |
| | | | | FILE: | DRAWING: | | | |
| | | | | ATLAS PAGE NO: | | | | |
| | | | | SHEET NAME: ROOF PLANS & DET | | | | |
| | | | | PORT SOUTH LIFT STATION | | | | |
| | | | | 1000 WEST FORT GIBSON ST | | | | |

