

CAPITAL MAINTENANCE TO WHITEWATER MIDDLE SCHOOL

Whitewater Unified School District
401 S Elizabeth St
Whitewater, WI 53190

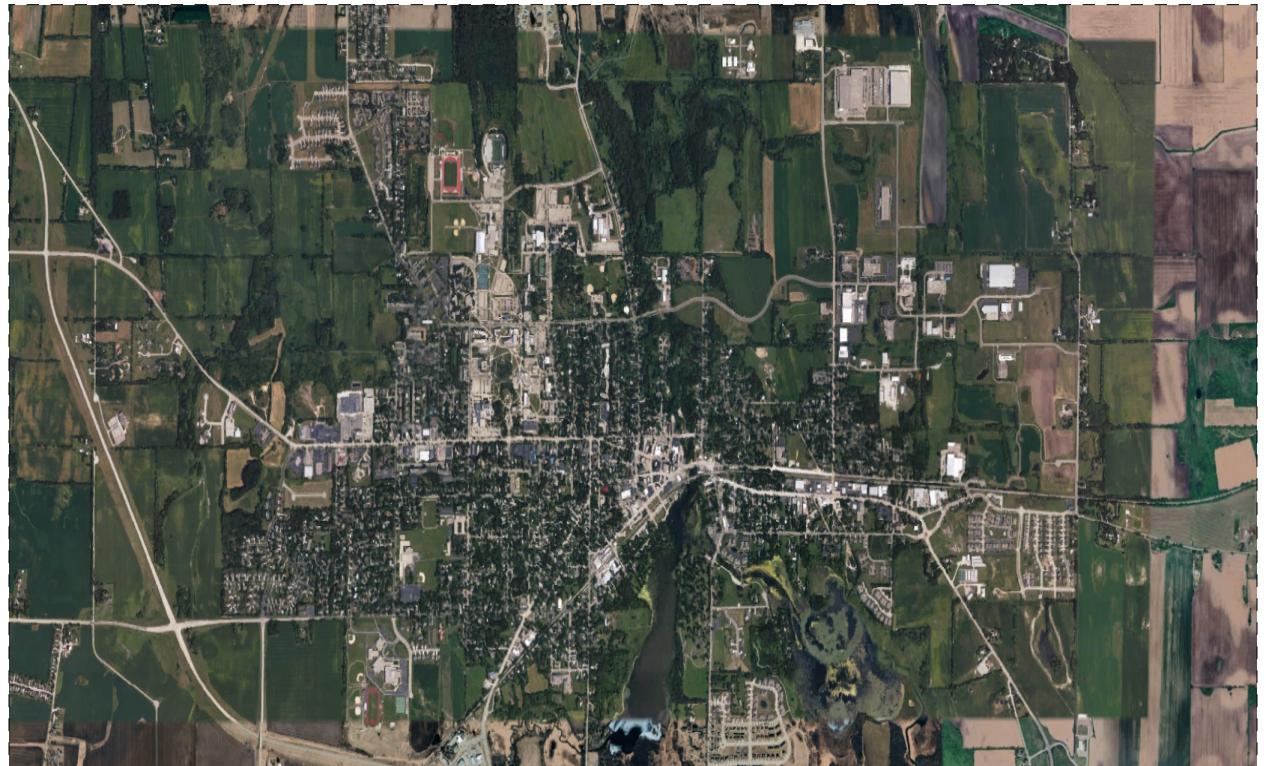
BRAY
ARCHITECTS

Milwaukee
829 South 1st Street
Milwaukee, Wisconsin 53204
T: 414.226.0200

Sheboygan • Davenport
Moline • Saint Paul

www.brayarch.com

CONSTRUCTION DOCUMENTS 12/19/2025



Architectural

Bray Architects
829 S. 1st Street
Milwaukee, WI 53204
(414) 226-0200

Civil

Point of Beginning, Inc.
4941 Kirschling Court
Stevens Point, Wisconsin 54481
(715) 344-9999

Plumbing

MSA Professional Services, Inc.
220 East Buffalo Street, Suite 201
Milwaukee, WI 53202
(414) 296-4333

Electrical

MSA Professional Services, Inc.
116 Fremont Street, PO Box 235
Kiel, Wisconsin 53042
(920) 894-7800

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CAPITAL MAINTENANCE TO
WHITEWATER MIDDLE SCHOOL
Whitewater Unified School District
401 S Elizabeth St
Whitewater, WI 53190

ISSUANCES + REVISIONS:

DATE DESCRIPTION

Issued for:
CONSTRUCTION DOCUMENTS

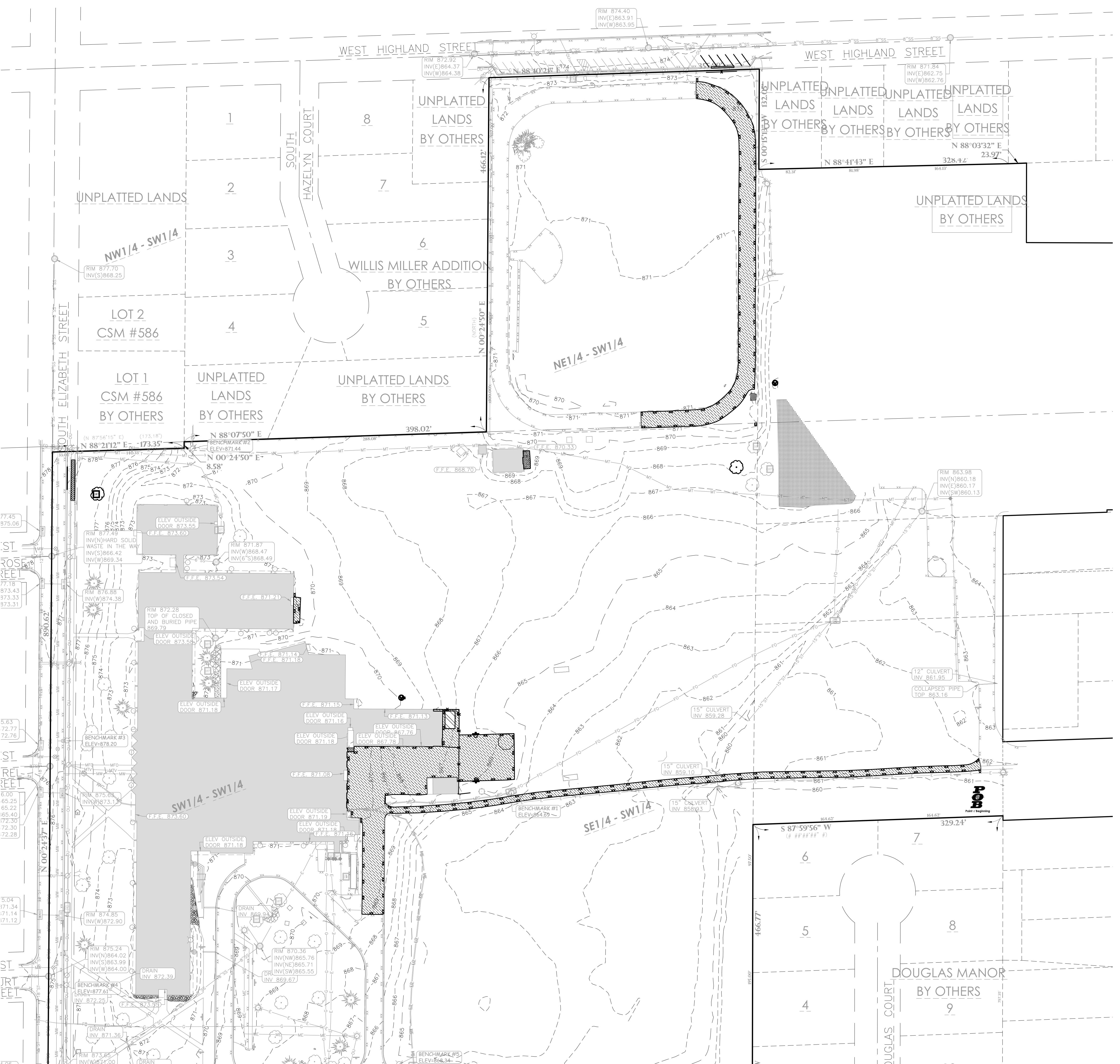
12/19/2025

Project Number:
3705

Sheet Title:
COVER SHEET

Sheet Number:

G0.0



BENCHMARK:

ELEVATIONS ARE REFERENCED TO NOVD 29 DATUM.

BENCHMARK #1
600 SPIKE ON NORTH SIDE OF
POWER POLE
LOCATED APPROXIMATELY 75 FEET
EAST OF THE NORTH EDGE OF
THE SALT SHED
ELEVATION = 864.69

BENCHMARK #2
600 SPIKE ON SOUTH SIDE OF
POWER POLE
LOCATED APPROXIMATELY 75 FEET
NORTH OF THE NORTH EDGE OF
THE WHITEWATER MIDDLE
SCHOOL
ELEVATION = 871.44

BENCHMARK #3
ARROW BOLT ON HYDRANT
LOCATED ON THE EAST SIDE OF
THE LAUREL STREET SOUTH
ELIZABETH STREET AND WEST
LAUREL STREET
ELEVATION = 878.20

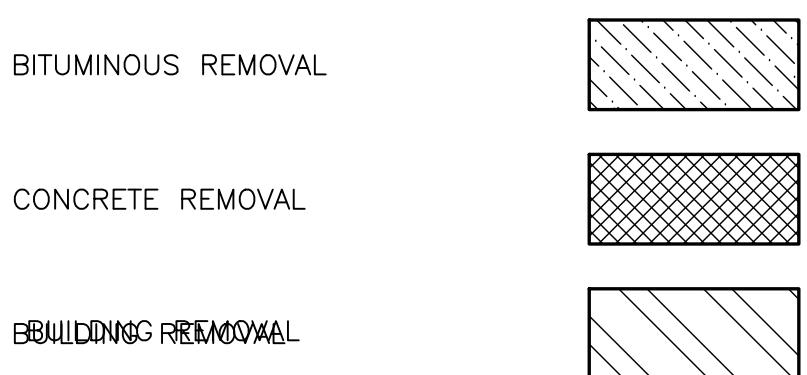
UTILITY DISCLAIMER:

THE LOCATIONS, SIZES, AND TYPES OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES ARE NOT SHOWN ON THIS DOCUMENT. INFORMATION IS BASED ON RECORDS PROVIDED BY THE OWNER AND FROM VISUAL INSPECTION, FIELD MEASUREMENTS, AND/OR AS-BUILT PLANS. SANITARY SEWER AND STORM SEWER PIPE SIZES, INVERTS, DIRECTION, AND LOCATIONS BETWEEN MANHOLES ARE SUPPLEMENTED BY AN AS-BUILT PLAN PROVIDED BY THE OWNER. ON THIS DOCUMENT, PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES SHOWN HEREON, IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND SIZES OF FIELD-EXPOSED UTILITIES BE CONFIRMED. SHOULD ANY APPROPRIATE, WITH POSSIBILITY THAT ADDITIONAL UTILITIES NOT DISCOVERED, OR MARKED, DURING THE SEARCH OF RECORDS AND THE FIELD, ARE FOUND, THE CONTRACTOR IS NOT RESPONSIBLE FOR DAMAGE SHOWN HEREON. HE IS HEREBY FOREWARNED THAT ANY EXCAVATION UPON THIS SITE MAY RESULT IN THE DISCOVERY OF ADDITIONAL UNDERGROUND UTILITIES NOT SHOWN ON THIS DOCUMENT. IN GENERAL, UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITY MARKINGS, BY OTHERS, AND/OR AS-BUILT PLANS, PROVIDED BY OTHERS. POINT OF BEGINNING, NORTH POINT, AND BENCHMARKS ARE NOT IMPLIED, WITH RESPECT TO THE EXISTING UTILITIES SHOWN HEREON, AND BELIEVES THAT THE INFORMATION CONTAINED HEREIN IS RELIABLE AND GENERALLY ACCURATE FOR THE PURPOSE INTENDED.

GENERAL NOTES:

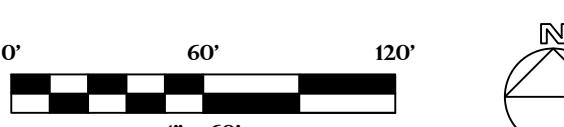
- CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
- ALL DEMOLITION MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER EXCEPT FOR THOSE ITEMS NOTED TO BE SALVAGED, WHICH SHOULD BE TURNED OVER TO THE OWNER.
- INSTALL AND MAINTAIN ALL REQUIRED EROSION CONTROL MEASURES FOR PERIMETER PROTECTION PRIOR TO THE START OF DEMOLITION/CONSTRUCTION, IN ACCORDANCE WITH THE LOCAL AND STATE GOVERNING AUTHORITIES.
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- COORDINATE ALL PRIVATE AND PUBLIC UTILITY REMOVAL, DISCONNECTION, &/OR RECONNECTION WITH RESPECTIVE UTILITY COMPANIES PRIOR TO BEGINNING WORK.
- COORDINATE UTILITY SERVICE DISCONNECTIONS/OUTAGES WITH OWNER AND ANY IMPACTED NEIGHBORS. MINIMIZE DISRUPTIONS TO THE MAXIMUM EXTENT PRACTICAL.
- ANY EXISTING UTILITIES NOT EXPRESSLY LABELED FOR DEMOLITION/REMOVAL ON THIS DOCUMENT SHALL BE LEFT IN PLACE AND IN THEIR CURRENT STATE OF OPERATION. CONTACT ENGINEER WHEREVER CLARIFICATION IS NEEDED.
- STRIP TOPSOIL WITHIN THE PROJECT AREA IN ACCORDANCE WITH THE PROJECT MANUAL SPECIFICATIONS.
- IF STRIP TOPSOIL IS STORED ON SITE, SILT FENCE SHALL BE INSTALLED AROUND THE BASE OF THE STOCKPILE TO PREVENT SEDIMENT TRANSPORT.
- PRIOR TO PERFORMING WORK WITHIN PUBLIC RIGHT OF WAYS, NOTIFY AND COORDINATE WORK WITH THE LOCAL MUNICIPALITY.
- MAINTAIN TRAFFIC CIRCULATION TO ALL NEIGHBORING PROPERTIES SHOWN ON THIS DOCUMENT. COORDINATE ALL WORK WITH NEIGHBORING PROPERTY OWNERS.

DEMOLITION HATCH PATTERNS:



CIVIL SHEET INDEX:

- C1.0 OVERALL DEMOLITION PLAN
- C1.1 WEST DEMOLITION PLAN
- C1.2 EAST DEMOLITION PLAN
- C1.3 NORTH DEMOLITION PLAN
- C2.0 OVERALL LAYOUT PLAN
- C2.1 WEST LAYOUT PLAN
- C2.2 EAST LAYOUT PLAN
- C2.3 NORTH LAYOUT PLAN
- C3.0 OVERALL GRADING PLAN
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- C3.2 EAST GRADING PLAN
- C3.3 NORTH GRADING PLAN
- C4.0 OVERALL EROSION CONTROL PLAN
- C4.1 WEST EROSION CONTROL PLAN
- C4.2 EAST EROSION CONTROL PLAN
- C4.3 NORTH EROSION CONTROL PLAN
- C5.0 OVERALL UTILITY PLAN
- C5.1 WEST UTILITY PLAN
- C5.2 EAST UTILITY PLAN
- C5.3 NORTH UTILITY PLAN
- C6.0 DETAILS
- C6.1 DETAILS



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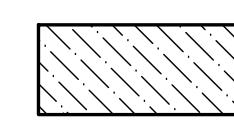
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- PRIOR TO PERFORMING WORK WITHIN PUBLIC RIGHT OF WAYS, NOTIFY AND COORDINATE WORK WITH THE LOCAL MUNICIPALITY.
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KEYNOTES:

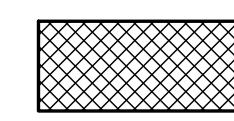
- SAWCUT EXISTING CONCRETE CURBING
- REMOVE EXISTING CONCRETE CURBING
- SAWCUT EXISTING ASPHALT PAVEMENT
- SAWCUT EXISTING CONCRETE WALK
- MANTAIN EXISTING TREE
(ANY BRANCHES NEEDED TO BE TRIMMED TO ALLOW FOR PROPER VERTICAL CLEARANCE FOR DEMOLITION AND CONSTRUCTION SHOULD BE DONE BY A PROFESSIONAL ARBORIST TO ENSURE NO DAMAGE TO TREE)
- RELOCATE EXISTING TREE AND MEMORIAL PLAQUE. SEE SHEET C2.1 FOR LOCATION.
(COORDINATE W/ OWNER)
- REMOVE EXISTING FENCE
- REMOVE & SALVAGE EXISTING
GAGA BALL PIT
(REINSTALL AFTER CONSTRUCTION)
- CLEAR & GRUB EXISTING TREE
- REMOVE EXISTING BASKETBALL HOOPS
- REMOVE EXISTING GOOSE NECK AND CONNECT UNDERGROUND (SEE SHEETS C5.0-C5.3 FOR DETAILS)
- REMOVE EXISTING GRAVEL
- REMOVE EXISTING PARKING LOT STRIPING
(SEE SHEET C2.3 FOR PROPOSED STRIPING)

DEMOLITION HATCH PATTERNS:

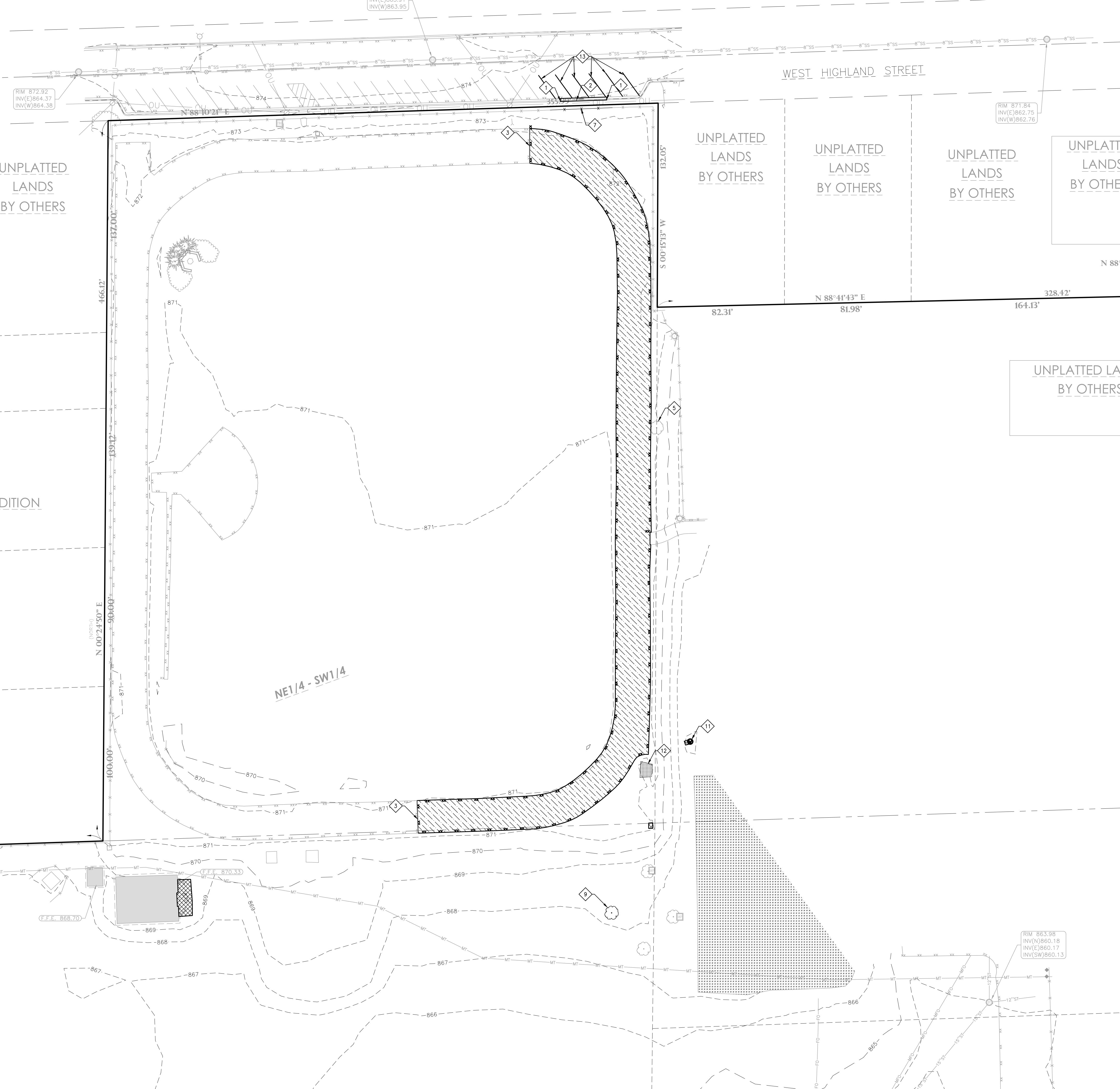
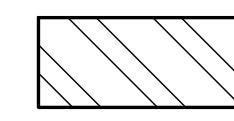
BITUMINOUS REMOVAL



CONCRETE REMOVAL



BUILDING REMOVAL



BENCHMARK:

ELEVATIONS ARE REFERENCED TO NOVD 29 DATUM.

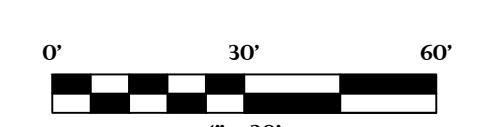
BENCHMARK #1
600 SPIKE ON NORTH SIDE OF
POWER POLE
LOCATED APPROXIMATELY 70 FEET
EAST OF THE NORTH EDGE OF
THE EAST EDGE OF THE SALT SHED.
ELEVATION = 864.69

BENCHMARK #2
600 SPIKE ON SOUTH SIDE OF
POWER POLE
LOCATED APPROXIMATELY 75 FEET
NORTH OF THE NORTHWEST
CORNER OF THE WHITEWATER
MIDDLE SCHOOL
ELEVATION = 868.34

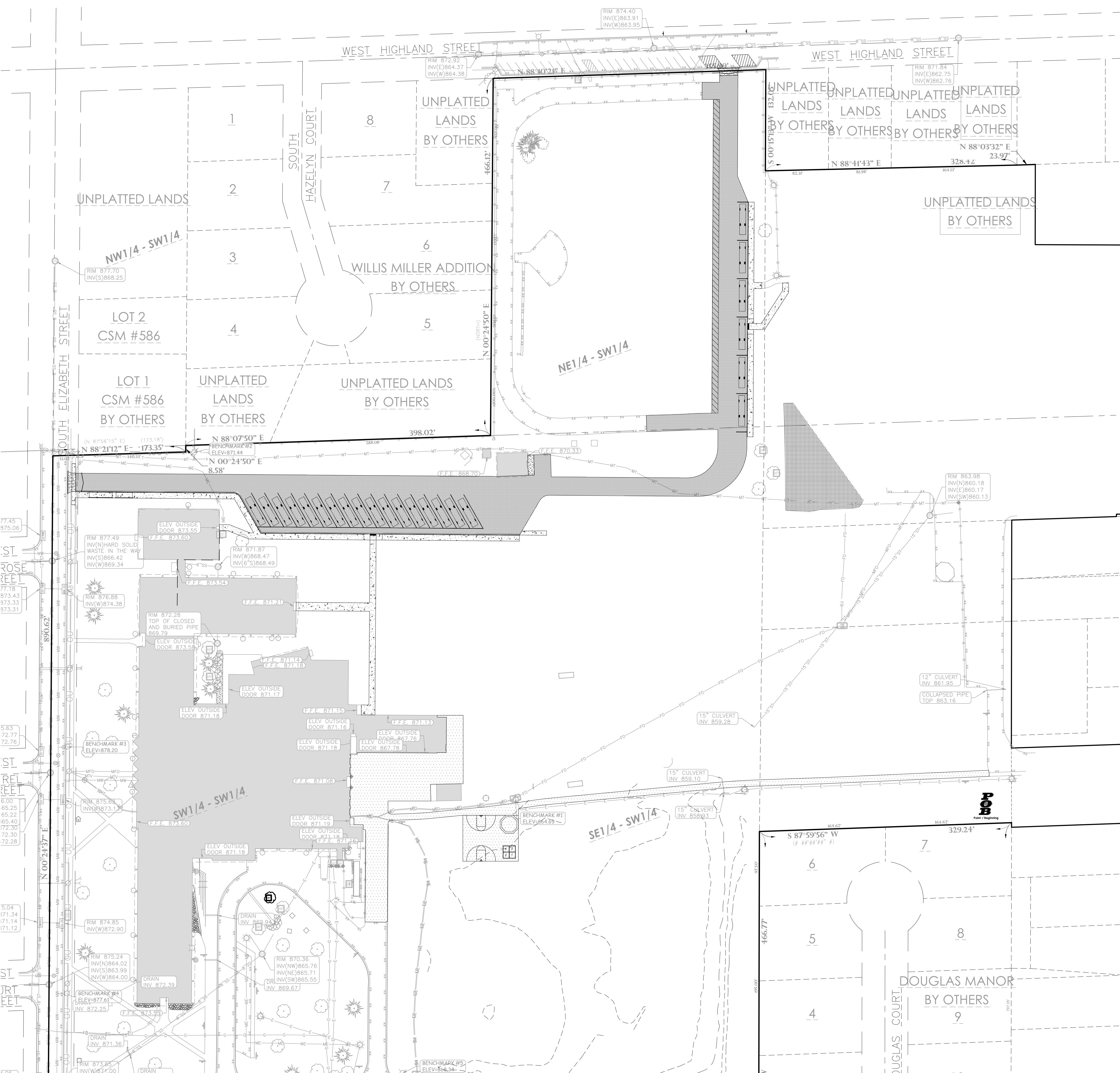
BENCHMARK #3
ARROW BOLT ON HYDRANT
LOCATED ON THE EAST SIDE OF
THE LAUREL STREET AND SOUTH
ELIZABETH STREET
ELEVATION = 878.20

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C1.3



BENCHMARK:

ELEVATIONS ARE REFERENCED TO NOVD 29 DATUM.

BENCHMARK #1
600 SPIKE ON NORTH SIDE OF POWER POLE
LOCATED APPROXIMATELY 75 FEET EAST OF THE NORTH EDGE OF THE EAST EDGE OF THE SALT SHED.
ELEVATION = 864.69

BENCHMARK #2
600 SPIKE ON SOUTH SIDE OF POWER POLE
LOCATED APPROXIMATELY 75 FEET NORTH OF THE NORTH EDGE OF THE WHITEWATER MIDDLE SCHOOL.
ELEVATION = 868.34

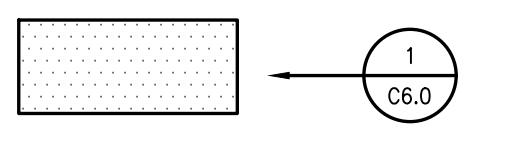
BENCHMARK #3
ARROW BOLT ON HYDRANT
LOCATED ON THE EAST SIDE OF THE LAUREL STREET AND SOUTH ELIZABETH STREET.
ELEVATION = 878.20

UTILITY DISCLAIMER:

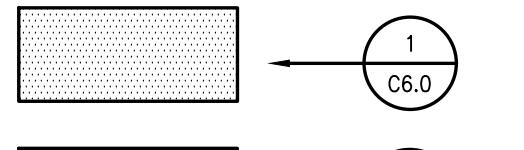
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PAVEMENT HATCH PATTERNS:

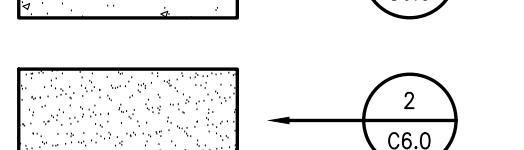
PROPOSED STANDARD DUTY ASPHALT PAVEMENT



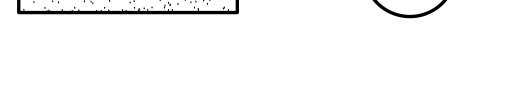
PROPOSED HEAVY DUTY ASPHALT PAVEMENT



PROPOSED 4" CONCRETE PAVEMENT



PROPOSED 7" CONCRETE PAVEMENT



ADDITION AND RENOVATION
WHITEWATER USD MIDDLE SCHOOL
401 S ELIZABETH STREET
WHITEWATER, WI 53190

ISSUANCES + REVISIONS:
Project Title: DATE: DESCRIPTION:

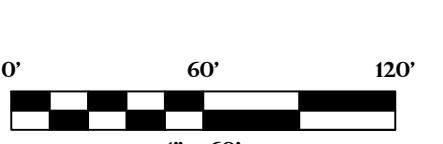
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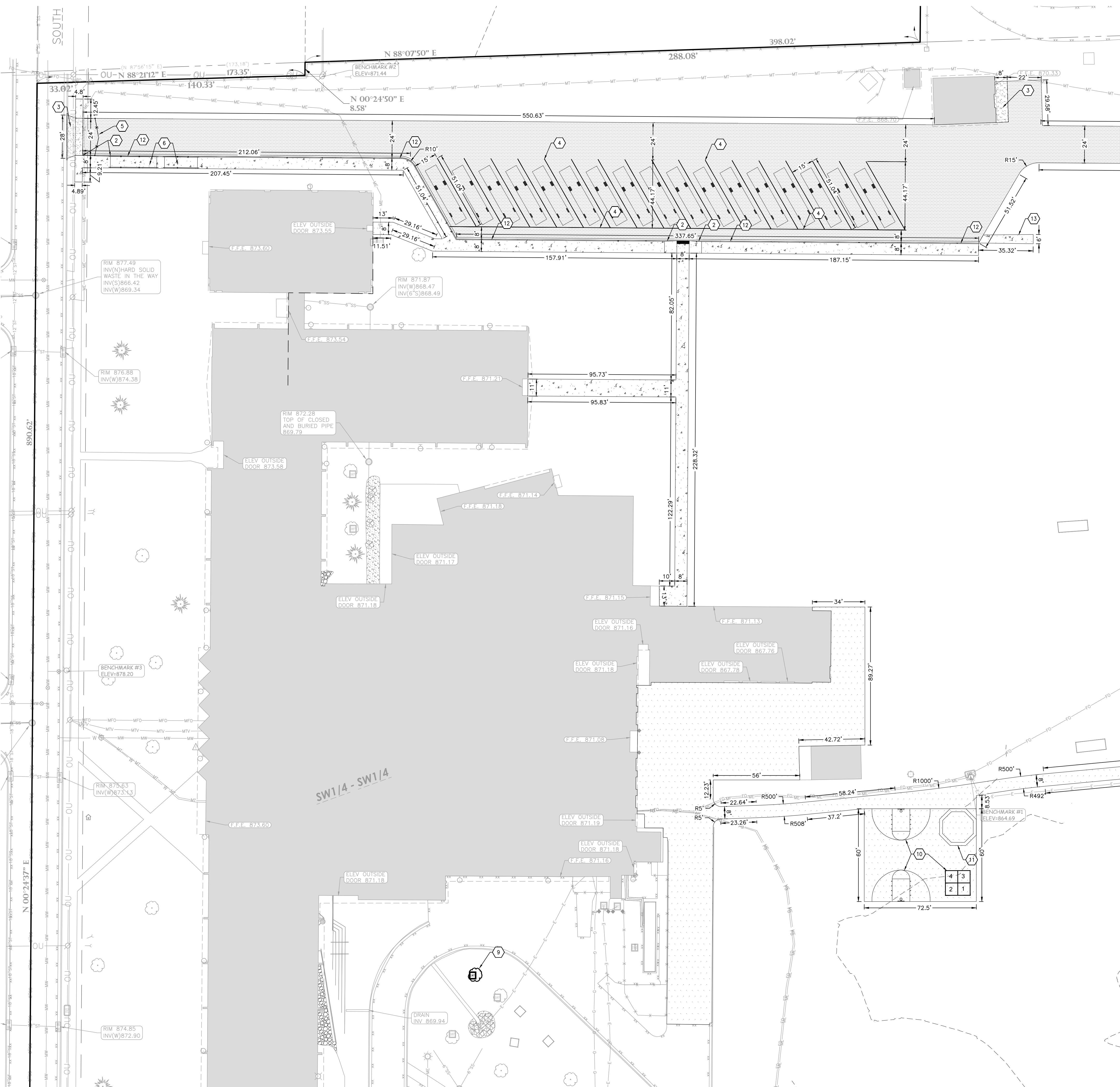
Sheet Title:

OVERALL LAYOUT PLAN

Sheet Number:

C2.0





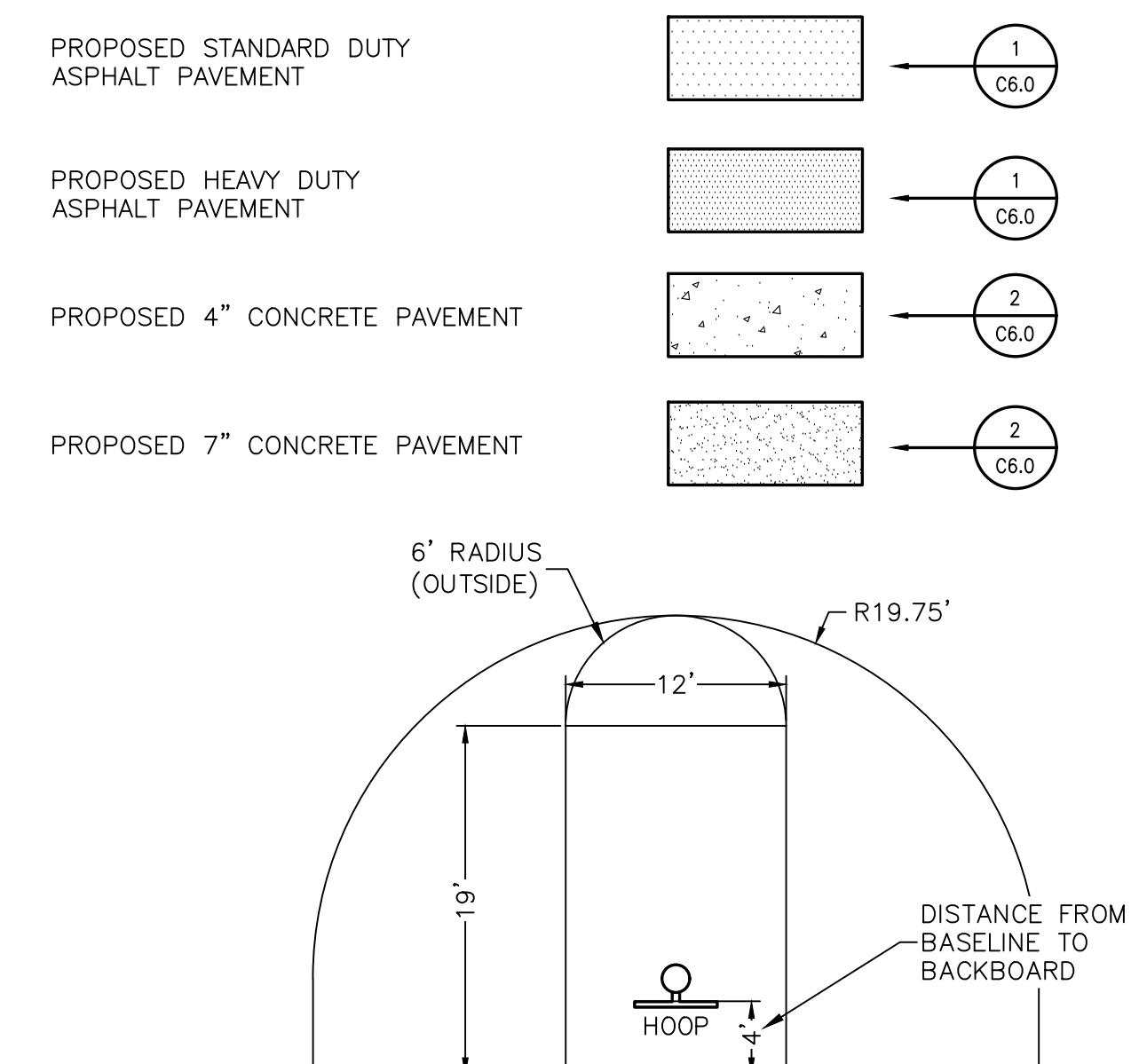
GENERAL NOTES:

- CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
- GRADE, LINE, AND LEVEL TO BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER.
- ALL REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LOCAL MUNICIPAL AND DEPARTMENT OF NATURAL RESOURCES REGULATIONS.
- SEE SHEETS C4.0-C4.3 FOR ALL REQUIRED EROSION CONTROL ELEMENTS.
- ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED AND OR ADDED SHALL BE THE RESPONSIBILITY OF THE SITE MANAGER/CONTRACTOR.
- VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- BIDDERS SHALL VISIT THE SITE AND REVIEW EXISTING CONDITIONS PRIOR TO THE BID DATE.
- PRIOR TO STARTING WORK, VERIFY WITH THE LOCAL AUTHORITIES THAT ALL REQUIRED PERMITS HAVE BEEN ACQUIRED.
- COORDINATE CONSTRUCTION IN THE RIGHT OF WAY WITH THE LOCAL AUTHORITIES.
- PROVIDE PROPER BARRICADES, SIGNS, AND TRAFFIC CONTROL TO MAINTAIN THRU TRAFFIC ALONG ADJACENT STREETS IN ACCORDANCE WITH LOCAL MUNICIPAL REQUIREMENTS.
- SIDEWALK JOINTS SHALL BE INSTALLED AS INDICATED/APPROVED BY THE CONSTRUCTION MANAGER.

KEYNOTES:

- THICKENED EDGE WALK
- THICKENED EDGE/CURB TAPER
- CONCRETE DRIVEWAY APRON
- PARKING LOT STRIPING
- 24' WIDE MANUAL DOUBLE SWING GATE
- CONCRETE RAMP W/RAILINGS
- ACCESSIBLE CURB RAMP
- PROPOSED SIGN: "NO PARKING BETWEEN SIGNS" (COORDINATE LOCATIONS W/ CITY)
- PROPOSED LOCATION FOR MEMORIAL PLAQUE AND TREE (VERIFY LOCATION W/ OWNER)
- PLAYGROUND PAVEMENT MARKING
- REINSTALL GAGA BALL PIT
- 18" STANDARD CURB & GUTTER
- CONCRETE FLUME

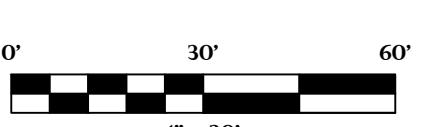
PAVEMENT HATCH PATTERNS:



NOTES:

- ALL BASKETBALL COURT STRIPING LINES SHALL BE 2" WIDE.
- VERIFY ALL LINE STRIPING W/ OWNER.
- KEEPER GOALS KG690 BASKETBALL POLE W/ KG475W BACKBOARD & KG-BA39 ULTIMATE RIM (OR APPROVED EQUALS)
- INSTALL BASKETBALL HOOP PER MANUFACTURE'S SPECIFICATIONS

BASKETBALL HOOP



C2.1

Project Title:

ISSUANCES + REVISIONS:

DATE DESCRIPTION

Issued for:

CONSTRUCTION DOCUMENTS

12/19/2025

Project Number:

3705

Sheet Title:

WEST LAYOUT PLAN

Sheet Number:

BENCHMARK:

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BENCHMARK #1
600 SPIKE ON NORTH SIDE OF
POWER POLE
LOCATED APPROXIMATELY 70 FEET
EAST OF THE SALT SHED
EAST EDGE OF THE SALT SHED.
ELEVATION = 864.69

BENCHMARK #2
600 SPIKE ON SOUTH SIDE OF
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NORTH OF THE NORTHWEST
CORNER OF THE WHITEWATER
MIDDLE SCHOOL
ELEVATION = 871.44

BENCHMARK #3
ARROW BOLT ON HYDRANT
LOCATED ON THE EAST SIDE OF
THE SALT SHED, SOUTH
ELIZABETH STREET AND WEST
LAUREL STREET
ELEVATION = 878.20

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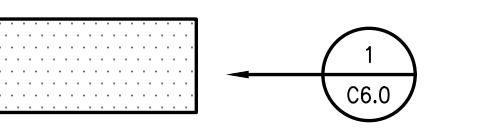
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- ALL REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LOCAL MUNICIPAL AND DEPARTMENT OF NATURAL RESOURCES REGULATIONS.
- SEE SHEETS C4.0-C4.3 FOR ALL REQUIRED EROSION CONTROL ELEMENTS.
- ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED AND OR ADDED SHALL BE THE RESPONSIBILITY OF THE SITE MANAGER/CONTRACTOR.
- VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- BIDDERS SHALL VISIT THE SITE AND REVIEW EXISTING CONDITIONS PRIOR TO THE BID DATE.
- PRIOR TO STARTING WORK, VERIFY WITH THE LOCAL AUTHORITIES THAT ALL REQUIRED PERMITS HAVE BEEN ACQUIRED.
- COORDINATE CONSTRUCTION IN THE RIGHT OF WAY WITH THE LOCAL AUTHORITIES.
- PROVIDE PROPER BARRICADES, SIGNS, AND TRAFFIC CONTROL TO MAINTAIN THRU TRAFFIC ALONG ADJACENT STREETS IN ACCORDANCE WITH LOCAL MUNICIPAL REQUIREMENTS.
- SIDEWALK JOINTS SHALL BE INSTALLED AS INDICATED/APPROVED BY THE CONSTRUCTION MANAGER.

KEYNOTES:

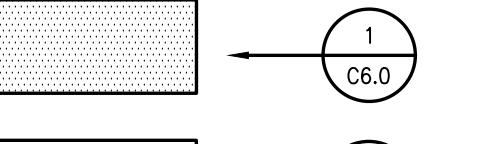
- THICKENED EDGE WALK
- THICKENED EDGE/CURB TAPER
- CONCRETE DRIVEWAY APRON
- PARKING LOT STRIPING
- 24' WIDE MANUAL DOUBLE SWING GATE
- CONCRETE RAMP W/RAILINGS
- ACCESSIBLE CURB RAMP
- PROPOSED SIGN: "NO PARKING
BETWEEN SIGNS"
(COORDINATE LOCATIONS W/ CITY)
- PROPOSED LOCATION FOR
MEMORIAL PLAQUE AND TREE
(VERIFY LOCATION W/ OWNER)
- PLAYGROUND PAVEMENT MARKING
- REINSTALL GAGA BALL PIT
- 12" STANDARD CURB & GUTTER
- CONCRETE FLUME

PAVEMENT HATCH PATTERNS:

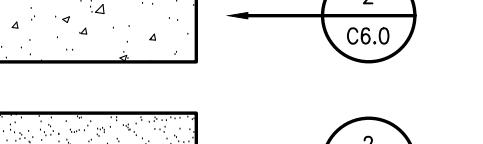
PROPOSED STANDARD DUTY
ASPHALT PAVEMENT



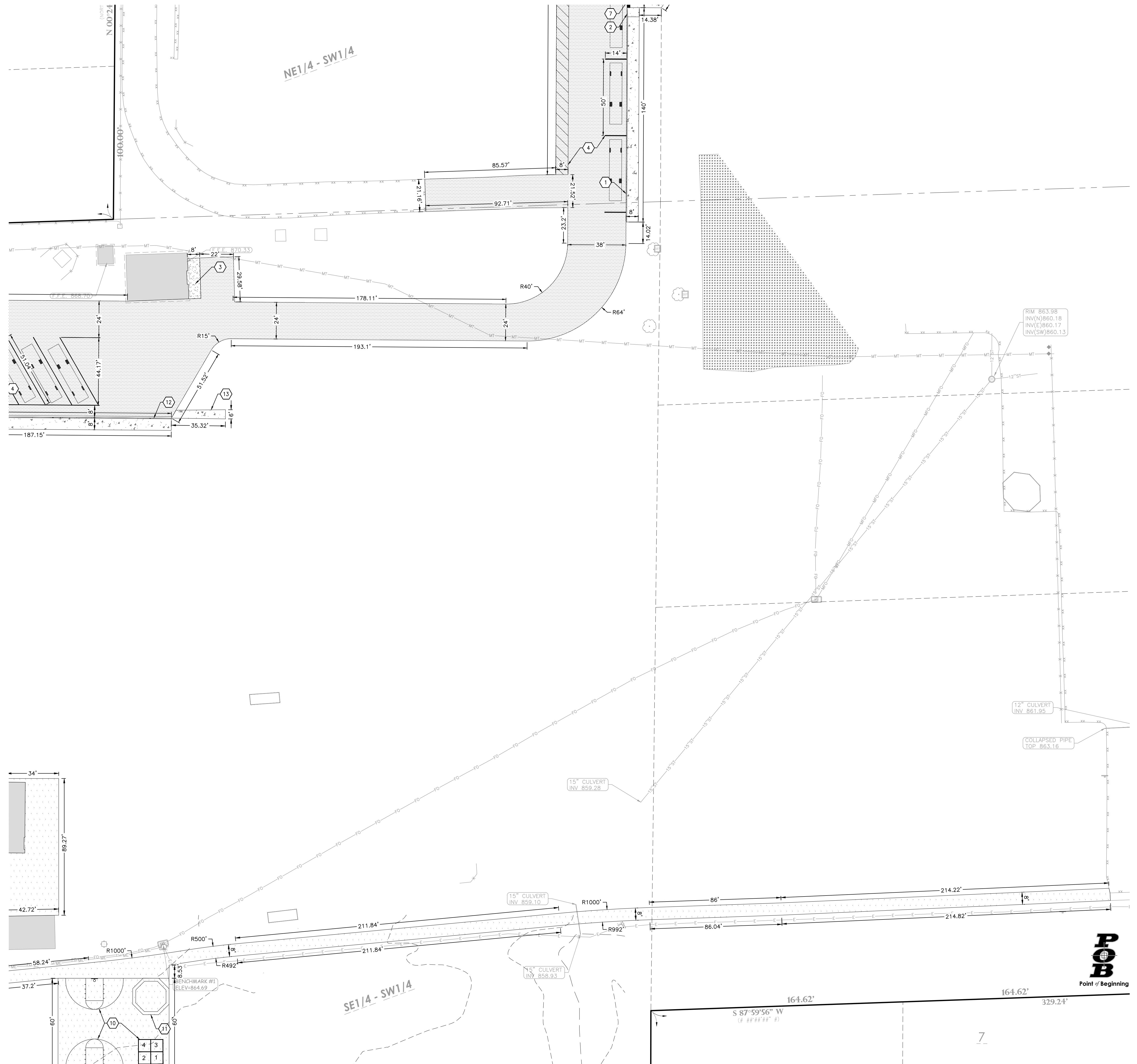
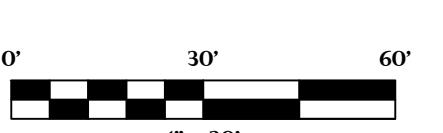
PROPOSED HEAVY DUTY
ASPHALT PAVEMENT



PROPOSED 4" CONCRETE PAVEMENT



PROPOSED 7" CONCRETE PAVEMENT



SECTION A-A:

SECTION B-B:

SECTION C-C:

SECTION D-D:

SECTION E-E:

SECTION F-F:

SECTION G-G:

SECTION H-H:

SECTION I-I:

SECTION J-J:

SECTION K-K:

SECTION L-L:

SECTION M-M:

SECTION N-N:

SECTION O-O:

SECTION P-P:

SECTION Q-Q:

SECTION R-R:

SECTION S-S:

SECTION T-T:

SECTION U-U:

SECTION V-V:

SECTION W-W:

SECTION X-X:

SECTION Y-Y:

SECTION Z-Z:

SECTION AA-AA:

SECTION BB-BB:

SECTION CC-CC:

SECTION DD-DD:

SECTION EE-EE:

SECTION FF-FF:

SECTION GG-GG:

SECTION HH-HH:

SECTION II-II:

SECTION JJ-JJ:

SECTION KK-KK:

SECTION LL-LL:

SECTION MM-MM:

SECTION NN-NN:

SECTION OO-OO:

SECTION PP-PP:

SECTION QQ-QQ:

SECTION RR-RR:

SECTION SS-SS:

SECTION TT-TT:

SECTION UU-UU:

SECTION VV-VV:

SECTION WW-WW:

SECTION XX-XX:

SECTION YY-YY:

SECTION ZZ-ZZ:

SECTION AA-AA:

SECTION BB-BB:

SECTION CC-CC:

SECTION DD-DD:

SECTION EE-EE:

SECTION FF-FF:

SECTION GG-GG:

SECTION HH-HH:

SECTION II-II:

SECTION JJ-JJ:

SECTION KK-KK:

SECTION LL-LL:

SECTION MM-MM:

SECTION NN-NN:

SECTION OO-OO:

SECTION PP-PP:

SECTION QQ-QQ:

SECTION RR-RR:

SECTION SS-SS:

SECTION TT-TT:

SECTION UU-UU:

SECTION VV-VV:

SECTION WW-WW:

SECTION XX-XX:

SECTION YY-YY:

SECTION ZZ-ZZ:

SECTION AA-AA:

SECTION BB-BB:

SECTION CC-CC:

SECTION DD-DD:

SECTION EE-EE:

SECTION FF-FF:

SECTION GG-GG:

SECTION HH-HH:

SECTION II-II:

SECTION JJ-JJ:

SECTION KK-KK:

SECTION LL-LL:

SECTION MM-MM:

SECTION NN-NN:

SECTION OO-OO:

SECTION PP-PP:

SECTION QQ-QQ:

SECTION RR-RR:

SECTION SS-SS:

SECTION TT-TT:

SECTION UU-UU:

SECTION VV-VV:

SECTION WW-WW:

SECTION XX-XX:

SECTION YY-YY:

SECTION ZZ-ZZ:

SECTION AA-AA:

SECTION BB-BB:

SECTION CC-CC:

SECTION DD-DD:

SECTION EE-EE:

SECTION FF-FF:

SECTION GG-GG:

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SECTION NN-NN:

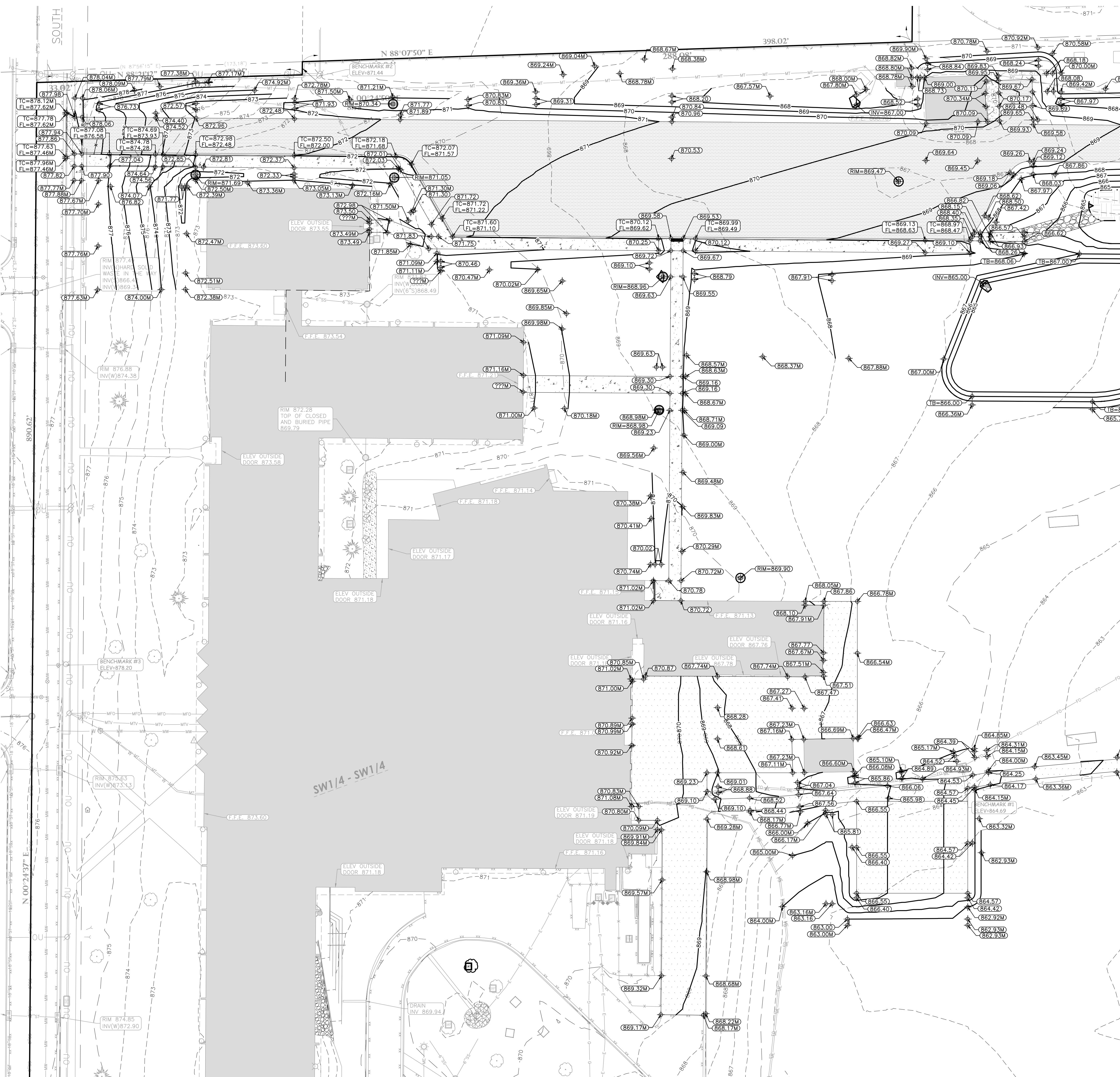
SECTION OO-OO:

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BENCHMARK:

ELEVATIONS ARE REFERENCED TO NOVD 29 DATUM.

BENCHMARK #1
600 SPIKE ON NORTH SIDE OF POWER POLE
LOCATED APPROXIMATELY 70 FEET EAST OF THE NORTH EDGE OF THE EAST EDGE OF THE SALT SHED.
ELEVATION = 864.69

BENCHMARK #2
600 SPIKE ON SOUTH SIDE OF POWER POLE
LOCATED APPROXIMATELY 75 FEET NORTH OF THE NORTH EDGE OF THE WHITEWATER MIDDLE SCHOOL.
ELEVATION = 871.44

BENCHMARK #3
ARROW BOLT ON HYDRANT
LOCATED ON THE EAST SIDE OF THE WHITEWATER MIDDLE SCHOOL.
ELEVATION = 878.20

UTILITY DISCLAIMER:

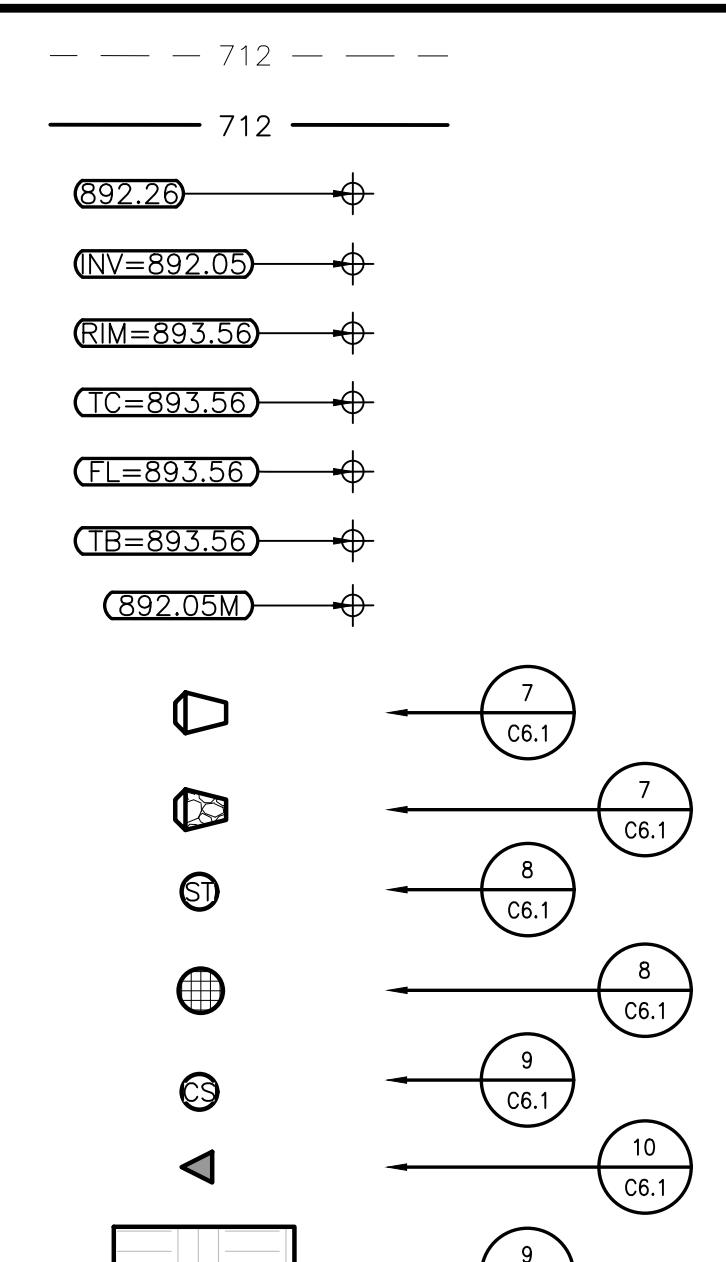
THE LOCATIONS, SIZES, AND TYPES OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES ARE NOT SHOWN ON THIS DRAWING. INFORMATION IS DERIVED FROM VISUAL INSPECTION, FIELD MEASUREMENTS, AND/OR AS-BUILT PLANS. SANITARY, SEWER AND STORM SEWER PIPE SIZES, INVERTS, DIRECTION, AND LOCATIONS BETWEEN MANHOLES ARE SUPPLEMENTED BY AS-BUILT PLANS. THE INFORMATION IS BASED ON THE INFORMATION PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES SHOWN HEREON. IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND SIZES OF FIELD-EXPOSED UTILITIES BE SHOWN ON THIS DRAWING. ANY APPROXIMATE, WITH POSSIBILITY THAT ADDITIONAL UTILITY LINES NOT DISCOVERED, OR MARKED, DURING THE SEARCH OF RECORDS AND THE FIELD-EXPOSED UTILITIES SHOWN ON THIS DRAWING ARE SHOWN. SHOWN HEREON IS HEREBY FOREWARNED THAT ANY EXCAVATION UPON THIS SITE MAY RESULT IN THE DISCOVERY OF ADDITIONAL UNDERGROUND UTILITIES NOT SHOWN ON THIS DRAWING. IN GENERAL, UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITY MARKINGS, BY OTHERS, AND/OR AS-BUILT PLANS, PROVIDED BY OTHERS. POINT OF NO KNOWLEDGE IS NOT SHOWN ON THIS DRAWING. NO WARRANTY IS IMPLIED, WITH RESPECT TO THE EXISTING UTILITIES SHOWN HEREON, AND BELIEVES THAT THE INFORMATION CONTAINED HEREIN IS RELIABLE AND GENERALLY ACCURATE FOR THE PURPOSE INTENDED.

GENERAL NOTES:

1. CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
2. GRADE, LINE, AND LEVEL SHALL BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER.
3. INSTALL AND MAINTAIN ALL REQUIRED EROSION CONTROL MEASURES IN ACCORDANCE WITH LOCAL MUNICIPAL AND DEPARTMENT OF NATURAL RESOURCES REGULATIONS.
4. 6" OF TOPSOIL SHALL BE PROVIDED IN ALL GENERAL LAWN AREAS AND 12" SHALL BE PROVIDED IN ALL PLANTING BED AREAS.
5. ALL GENERAL GRADE AREAS SHALL BE SEDED, FERTILIZED, AND CRIMP HAY MULCHED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
6. SEE SHEET C4.0 FOR ALL REQUIRED EROSION CONTROL ELEMENTS.
7. ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED, AND/OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE GRADING CONTRACTOR.
8. COORDINATE ALL EARTHWORK ACTIVITIES WITH THE RESPECTIVE TRADES RESPONSIBLE FOR THE INSTALLATION OF GAS, CABLE, TELEPHONE AND ELECTRICAL (INCLUDING MAIN SERVICE, SITE LIGHTING, CONDUITS AND SIGNAGE).
9. PROVIDE RIP RAP AT ALL CULVERT OUTFLOW ENDWALL STRUCTURES TO PREVENT WASHOUT AND EROSION.
10. INSTALL WISDOT TYPE HR FILTER FABRIC BEHIND ALL RIP RAP.
11. EXCESS TOPSOIL SHALL BE REMOVED FROM SITE, UNLESS OTHERWISE DIRECTED BY THE OWNER. COORDINATE WITH OWNER FOR LOCATION OF STOCKPILE IF THE OWNER CHOOSES TO SALVAGE EXCESS TOPSOIL FOR FUTURE USE. SILT FENCE SHALL BE PLACED AROUND STOCKPILE.
12. THE ENGINEERED SOIL SHALL NOT BE PLACED IN THE BIOPRETENTION AREAS UNTIL THE SURROUNDING DRAINAGE AREA HAS BEEN FOCUSED. ALL EXCESS SITE SOIL SHALL BE REMOVED FROM THE SUBGRADE OF THE BIOPRETENTION AREA PRIOR TO PLACEMENT OF THE ENGINEERED SOIL.
13. ALL TESTING AND INSPECTION SHALL BE DONE IN ACCORDANCE WITH SPS 382.21.
14. THE LOCAL MUNICIPALITY SHALL BE CONTACTED PRIOR TO ANY EXCAVATION IN THE PUBLIC RIGHT-OF-WAY.
15. THE CONTRACTOR SHALL HAVE A TRAFFIC CONTROL PLAN APPROVED PRIOR TO WORK COMMENCING.

GRADING LEGEND:

EXISTING CONTOUR
PROPOSED CONTOUR
PROPOSED SPOT ELEVATION
PROPOSED ENDWALL INVERT ELEVATION
PROPOSED RIM ELEVATION
PROPOSED TOP OF CURB ELEVATION
PROPOSED FLOW LINE ELEVATION
TOP OF BERM ELEVATION
PROPOSED MATCH ELEVATION (CONTRACTOR TO VERIFY)
PROPOSED ENDWALL STRUCTURE
PROPOSED ENDWALL STRUCTURE WITH RIP RAP
PROPOSED STORM SEWER MANHOLE
PROPOSED STORM SEWER INLET
PROPOSED STORM SEWER CONTROL STRUCTURE
PROPOSED STORM SEWER CLEANOUT
PROPOSED BIOPRETENTION BASIN

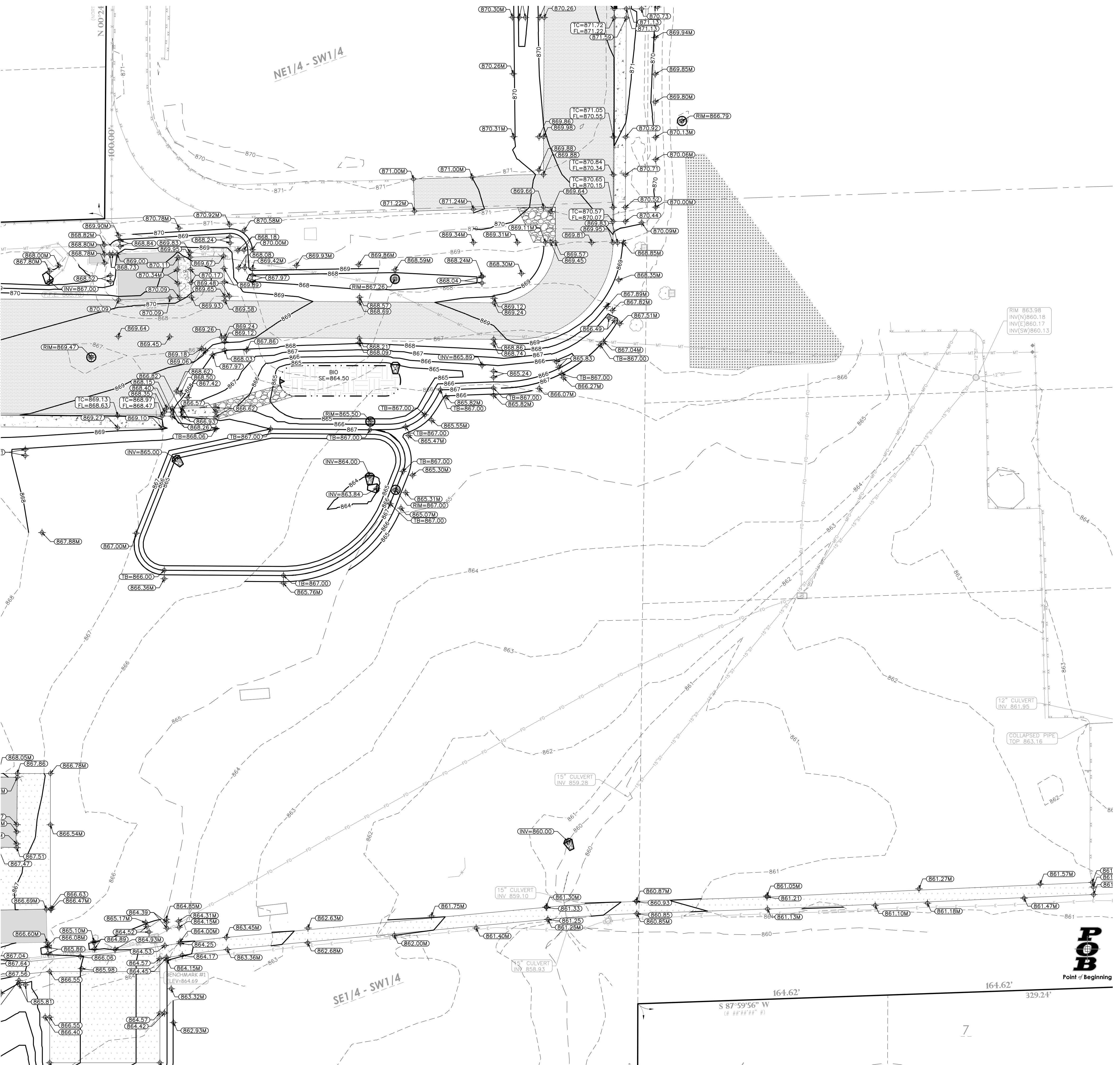


**ADDITION AND RENOVATION
WHITEWATER USD MIDDLE SCHOOL
401 S ELIZABETH STREET
WHITEWATER, WI 53190**

Project Title:
ISSUANCES + REVISIONS:
DATE DESCRIPTION

Issued for:
CONSTRUCTION DOCUMENTS
12/19/2025
Project Number:
3705

Sheet Title:
WEST GRADING PLAN
Sheet Number:
C3.1



BENCHMARK:

ELEVATIONS ARE REFERENCED TO NOVD 29 DATUM.

BENCHMARK #1
600 SPIKE ON NORTH SIDE OF POWER POLE
LOCATED APPROXIMATELY 70 FEET EAST OF THE NORTH EDGE OF THE EAST EDGE OF THE SALT SHED.
ELEVATION = 864.69

BENCHMARK #2
600 SPIKE ON SOUTH SIDE OF POWER POLE
LOCATED APPROXIMATELY 75 FEET NORTH OF THE NORTH EDGE OF THE WHITEWATER MIDDLE SCHOOL.
ELEVATION = 871.44

BENCHMARK #3
ARROW BOLT ON HYDRANT
LOCATED ON THE EAST SIDE OF THE WHITEWATER MIDDLE SCHOOL.
ELEVATION = 870.20

UTILITY DISCLAIMER:

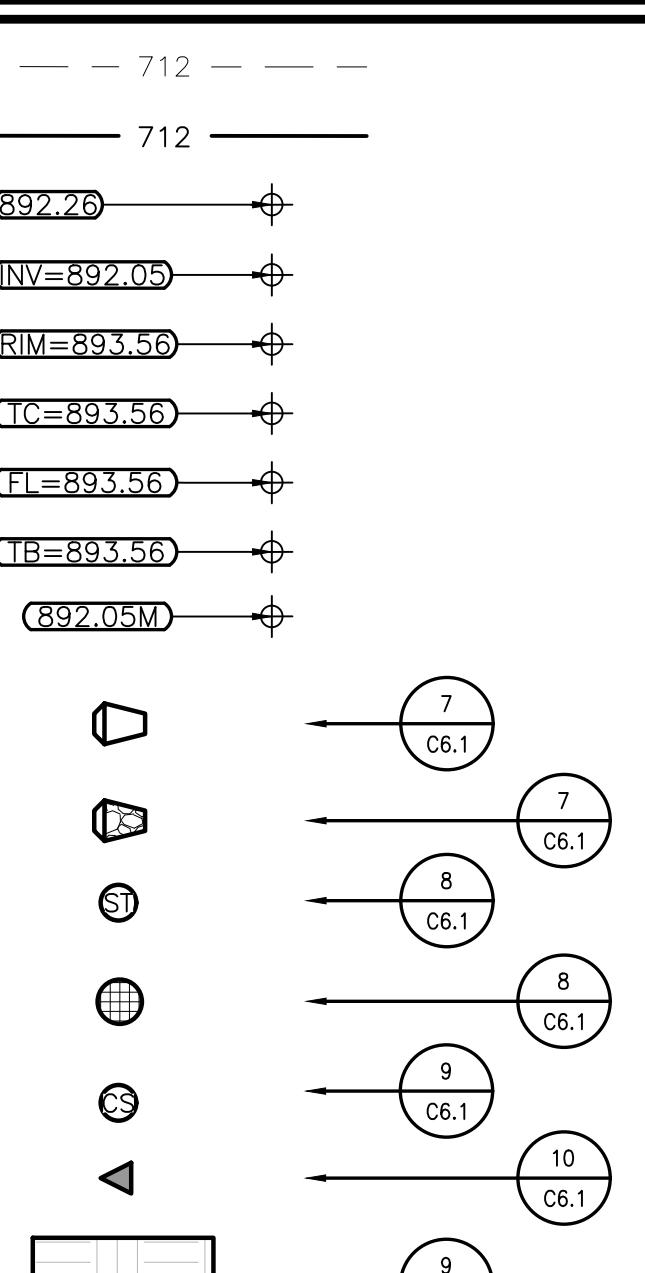
THE LOCATIONS, SIZES, AND TYPES OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES ARE NOT SHOWN ON THIS SURVEY. LOCATIONS AND TYPES OF UTILITIES ARE DETERMINED BY THE CONTRACTOR FROM VISUAL INSPECTION, FIELD MEASUREMENTS, AND/OR AS-BUILT PLANS. SANITARY SEWER AND STORM SEWER PIPE SIZES, INVERTS, DIRECTION, AND LOCATIONS BETWEEN MANHOLES ARE SUPPLEMENTED BY AS-BUILT PLANS. UTILITIES LOCATED BASED ON SURVEY POINTS PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES SHOWN HEREON, IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND SIZES OF FIELD-LOCATED UTILITIES BE SHOWN AND SURVEYED AS APPROXIMATE, WITH POSSIBILITY THAT ADDITIONAL UTILITY LINES NOT DISCOVERED OR MARKED DURING THE SEARCH OF RECORDS AND THE FIELD SURVEY MAY BE LOCATED. THE CONTRACTOR IS ADVISED THAT UTILITIES SHOWN HEREON IS HEREBY FOREWARNED THAT ANY EXCAVATION UPON THIS SITE MAY RESULT IN THE DISCOVERY OF ADDITIONAL UNDERGROUND UTILITIES NOT SHOWN. IN GENERAL, UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITY MARKINGS, BY OTHERS, AND/OR AS-BUILT PLANS, PROVIDED BY OTHERS. POINT OF NO RECORDS OR MARKINGS, THE CONTRACTOR IS NOT IMPLIED, WITH RESPECT TO THE EXISTING UTILITIES SHOWN HEREON, AND BELIEVES THAT THE INFORMATION CONTAINED HEREIN IS RELIABLE, AND GENERALLY ACCURATE FOR THE PURPOSE INTENDED.

GENERAL NOTES:

- CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
- GRADE, LINE, AND LEVEL SHALL BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER.
- INSTALL AND MAINTAIN ALL REQUIRED EROSION CONTROL MEASURES IN ACCORDANCE WITH LOCAL MUNICIPAL AND DEPARTMENT OF NATURAL RESOURCES REGULATIONS.
- 6" OF TOPSOIL SHALL BE PROVIDED IN ALL GENERAL LAWN AREAS AND 12" SHALL BE PROVIDED IN ALL PLANTING BED AREAS.
- ALL GENERAL GRADE AREAS SHALL BE SEDED, FERTILIZED, AND CRIMP HAY MULCHED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED, AND/OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE GRADING CONTRACTOR.
- COORDINATE ALL EARTHWORK ACTIVITIES WITH THE RESPECTIVE TRADES RESPONSIBLE FOR THE INSTALLATION OF GAS, CABLE, TELEPHONE AND ELECTRICAL (INCLUDING MAIN SERVICE, SITE LIGHTING, CONDUITS AND SIGNAGE).
- PROVIDE RIP RAP AT ALL CULVERT OUTFLOW ENDWALL STRUCTURES TO PREVENT WASHOUT AND EROSION.
- INSTALL WIDOT TYPE HR FILTER FABRIC BEHIND ALL RIP RAP.
- EXCESS TOPSOIL SHALL BE REMOVED FROM SITE, UNLESS OTHERWISE DIRECTED BY THE OWNER. COORDINATE WITH OWNER FOR LOCATION OF STOCKPILE IF THE OWNER CHOOSES TO SALVAGE EXCESS TOPSOIL FOR FUTURE USE. SILT FENCE SHALL BE PLACED AROUND STOCKPILE.
- THE ENGINEERED SOIL SHALL NOT BE PLACED IN THE BIOPRETENTION AREAS UNTIL THE SURROUNDING DRAINAGE AREA HAS BEEN FLOWABLE. ALL ENGINEERED SOIL SEDIMENT SHALL BE REMOVED FROM THE SUBGRADE OF THE BIOPRETENTION AREA PRIOR TO PLACEMENT OF THE ENGINEERED SOIL.
- ALL TESTING AND INSPECTION SHALL BE DONE IN ACCORDANCE WITH SPS 382.21.
- THE LOCAL MUNICIPALITY SHALL BE CONTACTED PRIOR TO ANY EXCAVATION IN THE PUBLIC RIGHT-OF-WAY.
- THE CONTRACTOR SHALL HAVE A TRAFFIC CONTROL PLAN APPROVED PRIOR TO WORK COMMENCING.

GRADING LEGEND:

EXISTING CONTOUR	— 712 —
PROPOSED CONTOUR	— 712 —
PROPOSED SPOT ELEVATION	INV 862.00
PROPOSED ENDWALL INVERT ELEVATION	RIM 863.98
PROPOSED RIM ELEVATION	TC=863.98
PROPOSED TOP OF CURB ELEVATION	TC=863.56
PROPOSED FLOW LINE ELEVATION	FL=863.56
TOP OF BERM ELEVATION	MB=863.56
PROPOSED MATCH ELEVATION (CONTRACTOR TO VERIFY)	CH=863.56
PROPOSED ENDWALL STRUCTURE	□
PROPOSED ENDWALL STRUCTURE WITH RIP RAP	□
PROPOSED STORM SEWER MANHOLE	○
PROPOSED STORM SEWER INLET	○
PROPOSED STORM SEWER CONTROL STRUCTURE	○
PROPOSED STORM SEWER CLEANOUT	△
PROPOSED BIOPRETENTION BASIN	□



ADDITION AND RENOVATION
WHITEWATER USD MIDDLE SCHOOL
401 S ELIZABETH STREET
WHITEWATER, WI 53190

ISSUANCES + REVISIONS:
Project Title: □ DATE DESCRIPTION

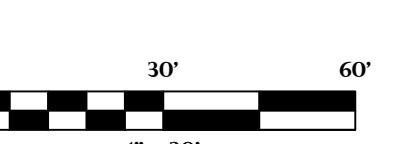
CONSTRUCTION DOCUMENTS
12/19/2025
Project Number:
3705

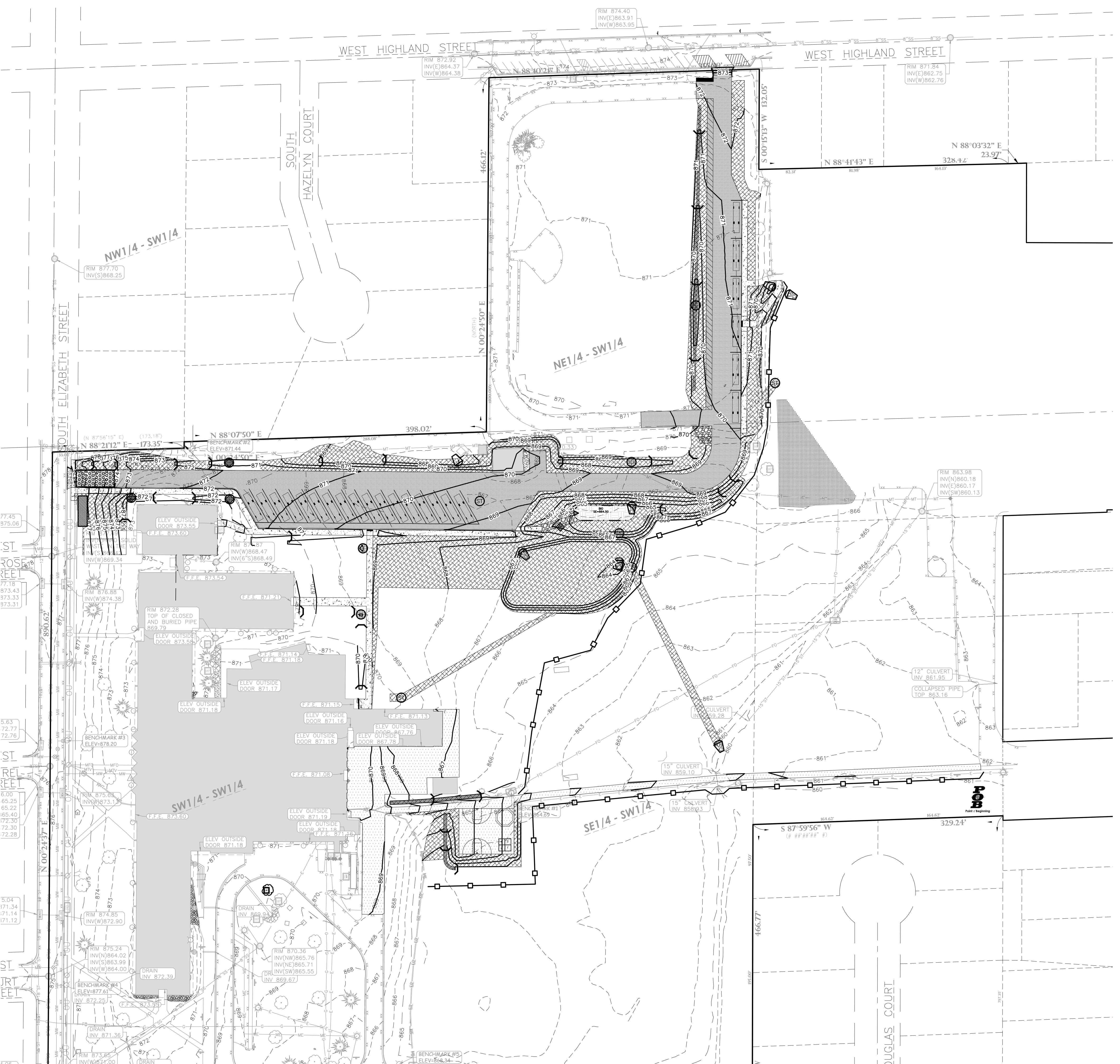
Sheet Title:

SOUTH
GRADING
PLAN

Sheet Number:

C3.2





BENCHMARK:

ELEVATIONS ARE REFERENCED TO NOVD 29 DATUM.

BENCHMARK #1
600 SPIKE ON NORTH SIDE OF POWER POLE
LOCATED APPROXIMATELY 75 FEET EAST OF THE NORTH EDGE OF THE EAST EDGE OF THE SALT SHED.
ELEVATION = 864.69

BENCHMARK #2
600 SPIKE ON SOUTH SIDE OF POWER POLE
LOCATED APPROXIMATELY 75 FEET NORTH OF THE NORTH EDGE OF THE WHITEWATER MIDDLE SCHOOL.
ELEVATION = 871.44

BENCHMARK #3
ARROW BOLT ON HYDRANT
LOCATED ON THE EAST SIDE OF THE SALT SHED SOUTH OF ELIZABETH STREET AND WEST LAUREL STREET.
ELEVATION = 878.20

UTILITY DISCLAIMER:

THE LOCATIONS, SIZES, AND TYPES OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES ARE NOT SHOWN ON THIS SITE PLAN. INFORMATION IS PROVIDED AS A GUIDE ONLY AND IS NOT TO BE RELIED UPON FROM VISUAL INSPECTION, FIELD MEASUREMENTS, AND/OR AS-BUILT PLANS. SANITARY SEWER AND STORM SEWER PIPE SIZES, INVERTS, DIRECTION, AND LOCATIONS BETWEEN MANHOLES ARE SUPPLEMENTED BY ANIONIC POLYACRYLAMIDE. THE BOUNDARIES OF THE CONSTRUCTION SITE ARE BASED ON THE EXISTING CONDITIONS PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES SHOWN HEREON. IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND SIZES OF FIELD-EXPOSED UTILITIES BE SHOWN AND STABILIZED AS APPROPRIATE, WITH POSSIBILITY THAT ADDITIONAL UTILITIES NOT DISCOVERED OR MARKED, DURING THE SEARCH OF RECORDS AND THE FIELD. THE CONTRACTOR IS NOT RESPONSIBLE FOR THE UTILITIES SHOWN HEREON. THE CONTRACTOR IS HEREBY FORWARDED THAT ANY EXCAVATION UPON THIS SITE MAY RESULT IN THE DISCOVERY OF ADDITIONAL UNDERGROUND UTILITIES NOT SHOWN ON THIS SITE PLAN. IN GENERAL, UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITY MARKINGS, BY OTHERS, AND/OR AS-BUILT PLANS, PROVIDED BY OTHERS. POINT OF NO KNOWLEDGE IS NOT SHOWN ON THIS SITE PLAN. NO WARRANTY IS IMPLIED, WITH RESPECT TO THE EXISTING UTILITIES SHOWN HEREON, AND BELIEVES THAT THE INFORMATION CONTAINED HEREIN IS RELIABLE AND GENERALLY ACCURATE FOR THE PURPOSE INTENDED.

GENERAL NOTES:

1. CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
2. NOTIFY THE LOCAL MUNICIPALITY AT LEAST 2 WORKING DAYS PRIOR TO THE START OF SOIL DISTURBING ACTIVITIES.
3. INSTALL ALL TEMPORARY EROSION CONTROL ELEMENTS PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
4. ALL ACTIVITIES SHALL BE CONDUCTED IN A LOGICAL SEQUENCE TO MINIMIZE THE AMOUNT OF BARE SOIL EXPOSED AT ANY ONE TIME. MAINTAIN EXISTING VEGETATION AS LONG AS POSSIBLE.
5. CRUSHED ROCK DRIVES FOR SEDIMENT TRACKING UTILIZING 3" CRUSHED ROCK SHALL BE MAINTAINED AT ALL CONSTRUCTION ENTRANCES TO THE SITE. THE ROCK DRIVE SHALL BE A MINIMUM OF 12" THICK AND BE A MINIMUM OF 50 FEET IN LENGTH BY 10 FEET IN WIDTH.
6. OFFSITE SEDIMENT DEPOSITS RESULTING FROM STORMWATER RUNOFF SHALL BE CLEANED BY THE END OF THE NEXT WORKDAY. OFFSITE SEDIMENT DEPOSITS RESULTING FROM CONTRACTOR ACTIVITIES, INCLUDING SOIL TRACKING, SHALL BE CLEANED EACH WORKDAY. EXCESSIVE AMOUNTS OF SEDIMENT OR DEBRIS TRACKED ONTO ADJACENT STREETS SHALL BE CLEANED IMMEDIATELY. FINE SEDIMENT ACCUMULATIONS ON ADJACENT STREETS SHALL SWEEP MECHANICALLY OR MANUALLY AT LEAST WEEKLY AND BEFORE IMMINENT RAINFALL.
7. DISTURBED GROUND OUTSIDE OF THE EVERYDAY CONSTRUCTION AREAS, INCLUDING SOIL STOCKPILES, THAT ARE LEFT IN PLACE FOR MORE THAN 7 DAYS SHALL BE TEMPORARILY STABILIZED BY SEEDING/MULCHING OR OTHER APPROVED METHODS.
8. WASTE MATERIAL THAT IS GENERATED ON THE CONSTRUCTION SITE SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO RUN INTO RECEIVING WATERS.
9. EROSION CONTROL DEVICES DESTROYED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE END OF EACH WORK DAY.
10. INSPECT ALL EROSION CONTROL MEASURES AT LEAST ONCE A WEEK AND AFTER ANY RAINFALL OF 0.5" OR MORE. MAKE NOTES, PICTURES, AND DOCUMENT ALL ACTIVITIES AS PER THE REQUIREMENTS OF THE NOTICE OF INTENT SUBMITTED BY THE PROJECT CIVIL ENGINEER.
11. ALL TEMPORARY EROSION CONTROL ELEMENTS SHALL REMAIN IN PLACE UNTIL A SUFFICIENT GROWTH OF VEGETATION IS ESTABLISHED AND THEN BE REMOVED AS PART OF THE BASE BID.
12. IF SEDIMENT-LADEN WATER NEEDS TO BE REMOVED FROM THE SITE, FILTER BAGS OR SCREENING SHALL BE USED IN ACCORDANCE WITH WI DNR TECHNICAL STANDARD 1061 TO PREVENT SEDIMENT DISCHARGE TO THE MAXIMUM EXTENT PRACTICABLE.
13. COORDINATE ALL EARTHWORK ACTIVITIES WITH THE RESPECTIVE TRADES RESPONSIBLE FOR THE INSTALLATION OF GAS, CABLE, TELEPHONE AND ELECTRICAL (INCLUDING MAIN SERVICE, SITE LIGHTING, CONDUITS AND SIGNAGE).
14. PROVIDE RIP RAP AT ALL CULVERT OUTFLOW ENDWALL STRUCTURES TO PREVENT WASHOUT AND EROSION.
15. INSTALL WISDOT TYPE HR FILTER FABRIC BENEATH ALL RIP RAP.
16. IF BARE SOIL IS EXPOSED DURING THE WINTER MONTHS, STABILIZATION BY MULCHING OR ANIONIC POLYACRYLAMIDE SHALL OCCUR PRIOR TO GROUND FREEZE.
17. SILT FENCE SHALL BE INSTALLED AROUND THE TOPSOIL STOCKPILE.
18. SILT FENCE SHALL BE INSTALLED AROUND THE BIO-RETENTION AREA IMMEDIATELY FOLLOWING INSTALLATION OF THE ENGINEERED SOIL TO PROTECT IT FROM SILT CONTAMINATION.
19. THE ENGINEERED SOIL SHALL NOT BE PLACED IN THE BIO-RETENTION AREAS UNTIL THE SURROUNDING DRAINAGE AREA HAS BEEN FULLY STABILIZED. ALL CONSTRUCTION SITE SEDIMENT SHALL BE REMOVED FROM THE SUBGRADE OF THE BIO-RETENTION AREA PRIOR TO PLACEMENT OF THE ENGINEERED SOIL.
20. THE CONTRACTOR SHALL PERFORM INSPECTIONS AND MONITORING OF EROSION CONTROL PRACTICES IN ACCORDANCE WITH THE WI DNR "CONSTRUCTION SITE INSPECTION REPORT" FORM 3400-187. THIS FORM CAN BE FOUND IN THE CONSTRUCTION SPECIFICATIONS.

EROSION CONTROL LEGEND:

EXISTING CONTOUR

888

PROPOSED CONTOUR

888

PROPOSED SILT FENCE

10
06.0

PROPOSED INLET PROTECTION

11
06.0

EROSION CONTROL BLANKET

5
06.1

EROSION CONTROL BLANKET (CHANNEL FLOW)

6
06.1

ROCK CONSTRUCTION ENTRANCE

1
06.1

TEMPORARY DITCH CHECK

2
06.1

RIP RAP AREA

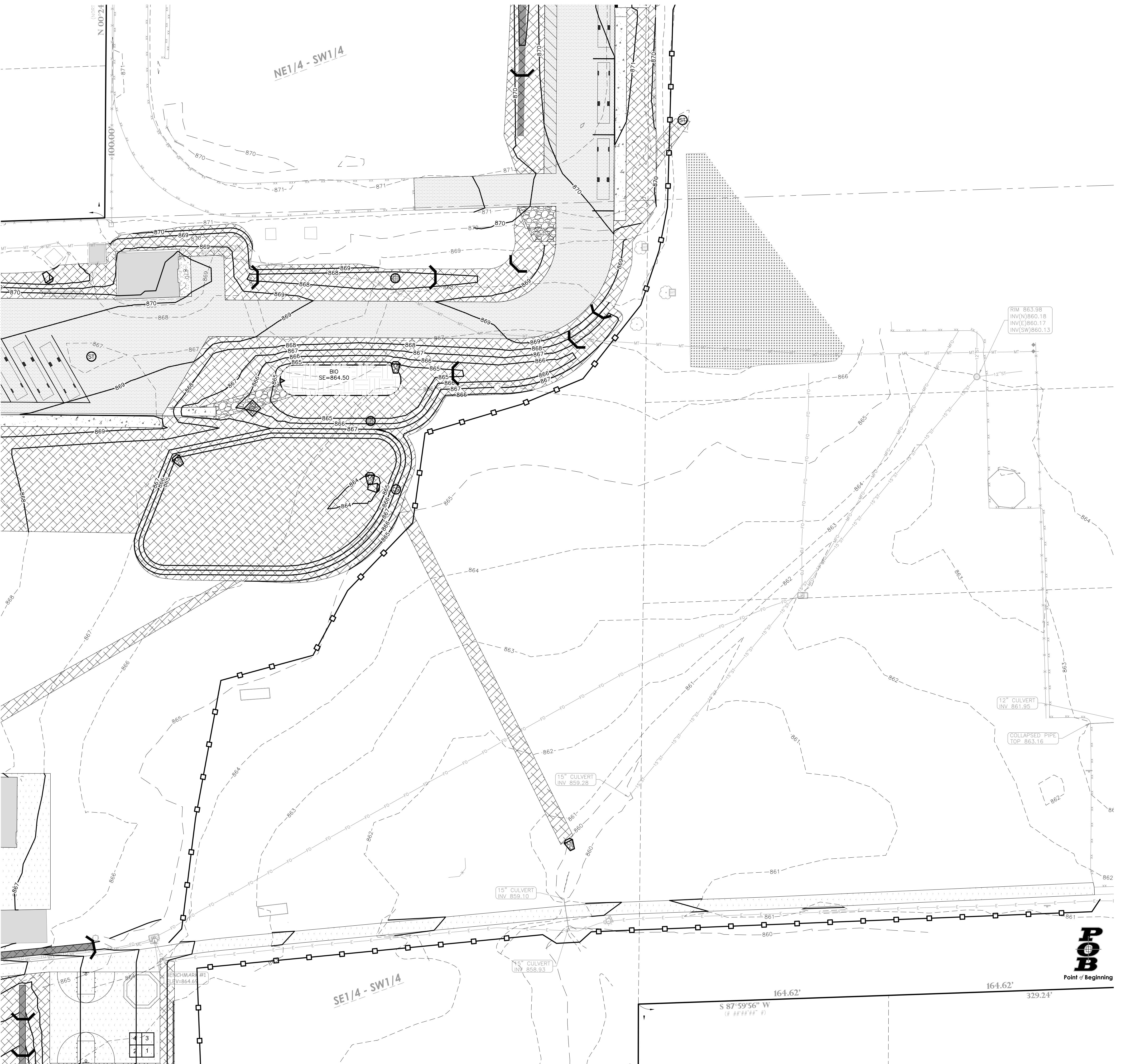
3
06.1

CONCRETE WASHOUT AREA

4
06.1

EROSION CONTROL SEQUENCING:

1. INSTALL PERIMETER EROSION CONTROL.
2. EXCAVATE A TEMPORARY SEDIMENT TRAP AT THE PROPOSED BIO-RETENTION AREA IN ACCORDANCE WITH WI DNR TECHNICAL STANDARD 1063.
- 2.1. THE SEDIMENT TRAP DESIGN SHALL BE CONSISTENT WITH THE BOTTOM DESIGN ELEVATION OF THE BIO-RETENTION BASIN. SEE DETAIL.
- 2.2. INSTALL STONE OUTLET/OVERFLOW WEIR WHEREVER INDICATED ON PLANS.
- 2.3. EXCAVATE TEMPORARY SWALES AWAY FROM THE BASIN TO DIRECT AND MAXIMIZE STORMWATER RUNOFF TO THIS BASIN DURING CONSTRUCTION.
3. BEGIN DEMOLITION.
4. BEGIN ROUGH GRADING AND UTILITY INSTALLATION.
5. DURING GRAVITY ACTIVITIES, EXISTING GRASS AND VEGETATION, TO BE REMOVED, SHALL REMAIN IN PLACE FOR AS LONG AS POSSIBLE, TO AVOID SEDIMENT TRANSPORT.
6. TEMPORARY STABILIZATION ACTIVITY SHALL COMMENCE WHEN LAND DISTURBING CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.
7. FINISH STABILIZATION ACTIVITIES SHALL COMMENCE WHEN LAND DISTURBING ACTIVITIES CEASE AND FINISH GRAVITY ACTIVITIES REACHES ON ANY PORTION OF THE SITE.
8. PER GENERAL NOTE #19, THE SEDIMENT TRAP SHALL BE RECONSTRUCTED INTO THE PROPOSED BIO-RETENTION AREA AFTER THE SURROUNDING AREA HAS BEEN FULLY STABILIZED.
- 8.1. ANY CONSTRUCTION SITE SEDIMENT BUILD UP SHALL BE REMOVED FROM THE PROPOSED BIO-RETENTION BASIN BEFORE EXCAVATION TO THE FINAL DEPTH AND INSTALLATION OF THE ENGINEERED SOIL.
9. IF DISTURBED AREAS MUST BE LEFT OVER WINTER, AN ANIONIC POLYACRYLAMIDE SHALL BE APPLIED TO ALL DISTURBED AREAS PRIOR TO GROUND FREEZE. SEE SPECIFICATIONS FOR DETAILS.



BENCHMARK:

ELEVATIONS ARE REFERENCED TO NOVD 29 DATUM.

BENCHMARK #1
600' SPKE ON NORTH SIDE OF POWER POLE
LOCATED APPROXIMATELY 70 FEET EAST OF THE NORTH EDGE OF THE SALT SHED.
ELEVATION = 864.69

BENCHMARK #2
600' SPKE ON SOUTH SIDE OF POWER POLE
LOCATED APPROXIMATELY 75 FEET NORTH OF THE NORTH EDGE OF THE WHITEWATER MIDDLE SCHOOL.
ELEVATION = 864.69

BENCHMARK #3
ARROW BOLT ON HYDRANT
LOCATED ON THE EAST SIDE OF THE WHITEWATER MIDDLE SCHOOL.
ELEVATION = 864.34

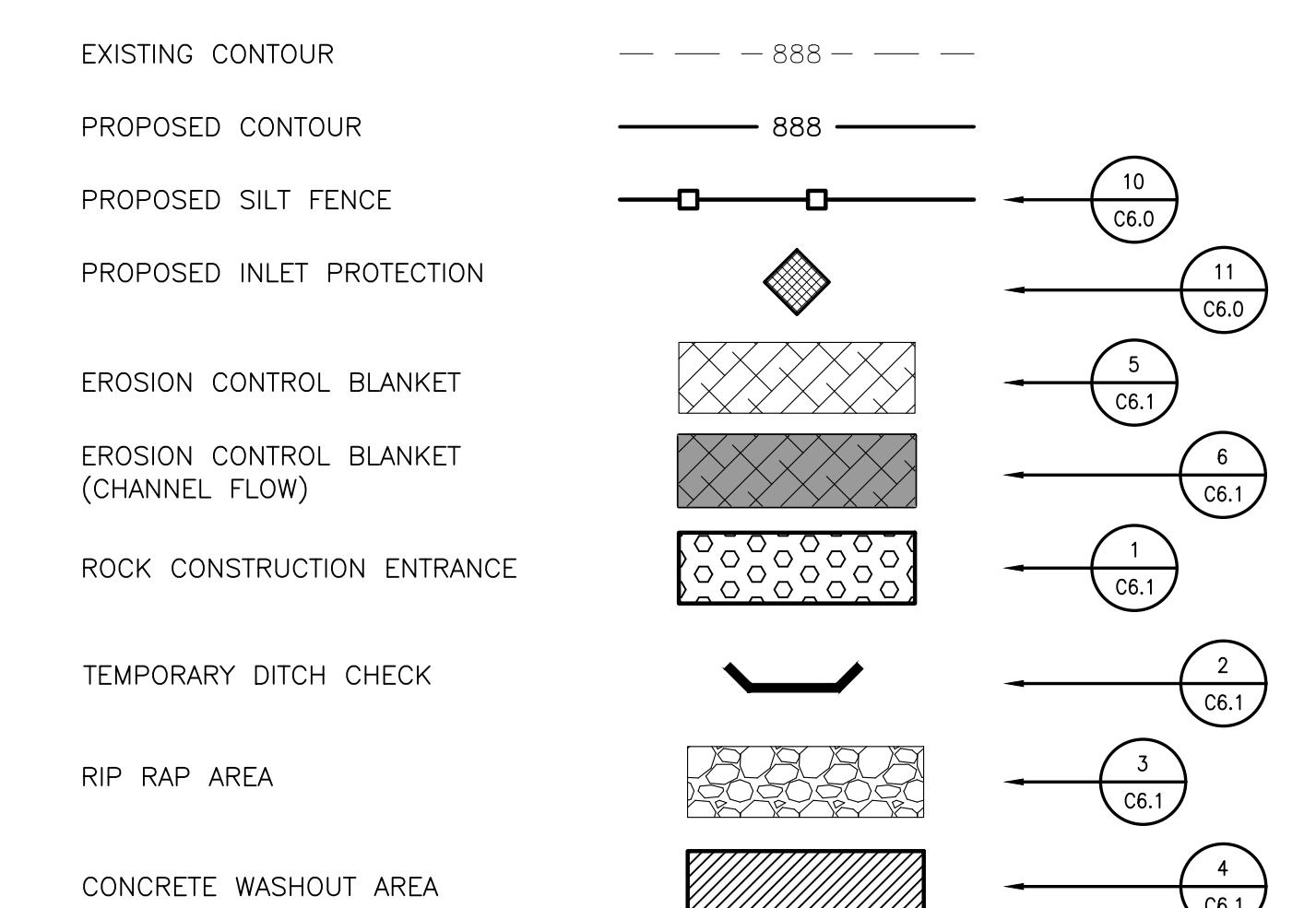
UTILITY DISCLAIMER:

THE LOCATIONS, SIZES, AND TYPES OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES ARE NOT SHOWN ON THIS SITE PLAN AND ARE NOT FURNISHED FROM VISUAL INSPECTION, FIELD MEASUREMENT, AND/OR AS-BUILT PLANS. SANITARY SEWER AND STORM SEWER PIPE SIZES, INVERTS, DIRECTION, AND LOCATIONS BETWEEN MANHOLES ARE SUPPLEMENTED BY ANIONIC POLYACRYLAMIDE. BASED ON THE INFORMATION PROVIDED PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES SHOWN HEREON, IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND SIZES OF FIELD-EXPOSED UTILITIES BE SHOWN AND STABILIZED AS APPROXIMATE, WITH POSSIBILITY THAT ADDITIONAL UTILITY LINES NOT DISCOVERED OR MARKED DURING THE SEARCH OF RECORDS AND THE FIELD ARE LOCATED. THE CONTRACTOR IS ADVISED THAT ANY EXCAVATION UPON THIS SITE MAY RESULT IN THE DISCOVERY OF ADDITIONAL UNDERGROUND UTILITIES NOT SHOWN ON THIS PLAN. IN GENERAL, UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITY MARKINGS, BY OTHERS, AND/OR AS-BUILT PLANS, PROVIDED BY OTHERS. POINT OF NO FURTHER INFORMATION IS NOT IMPLIED. NO WARRANTY IS IMPLIED, WITH RESPECT TO THE EXISTING UTILITIES SHOWN HEREON, AND BELIEVES THAT THE INFORMATION CONTAINED HEREIN IS RELIABLE AND GENERALLY ACCURATE FOR THE PURPOSE INTENDED.

GENERAL NOTES:

- CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
- NOTIFY THE LOCAL MUNICIPALITY AT LEAST 2 WORKING DAYS PRIOR TO THE START OF SOIL DISTURBING ACTIVITIES.
- INSTALL ALL TEMPORARY EROSION CONTROL ELEMENTS PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- ALL ACTIVITIES SHALL BE CONDUCTED IN A LOGICAL SEQUENCE TO MINIMIZE THE AMOUNT OF BARE SOIL EXPOSED AT ANY ONE TIME. MAINTAIN EXISTING VEGETATION AS LONG AS POSSIBLE.
- CRUSHED ROCK DRIVES FOR SEDIMENT TRACKING UTILIZING 3" CRUSHED ROCK SHALL BE MAINTAINED AT ALL CONSTRUCTION ENTRANCES TO THE SITE. THE ROCK DRIVE SHALL BE A MINIMUM OF 12" THICK AND BE A MINIMUM OF 50 FEET IN LENGTH, BY 10 FEET IN WIDTH.
- OFFSITE SEDIMENT DEPOSITS RESULTING FROM STORMWATER RUNOFF SHALL BE CLEANED BY THE END OF THE NEXT WORKDAY. OFFSITE SEDIMENT DEPOSITS RESULTING FROM CONTRACTOR ACTIVITIES, INCLUDING SOIL TRACKING, SHALL BE CLEANED EACH WORKDAY. EXCESSIVE AMOUNTS OF SEDIMENT OR DEBRIS TRACKED ONTO ADJACENT STREETS SHALL BE CLEANED IMMEDIATELY. FINE SEDIMENT ACCUMULATIONS ON ADJACENT STREETS SHALL SWEEP MECHANICALLY OR MANUALLY AT LEAST WEEKLY AND BEFORE IMMINENT RAINFALL.
- DISTURBED GROUND OUTSIDE OF THE EVERYDAY CONSTRUCTION AREAS, INCLUDING SOIL STOCKPILES, THAT ARE LEFT IN PLACE FOR MORE THAN 7 DAYS SHALL BE TEMPORARILY STABILIZED BY SEEDING/MULCHING OR OTHER APPROVED METHODS.
- WASTE MATERIAL THAT IS GENERATED ON THE CONSTRUCTION SITE SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO RUN INTO RECEIVING WATERS.
- EROSION CONTROL DEVICES DESTROYED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE END OF EACH WORK DAY.
- INSPECT ALL EROSION CONTROL MEASURES AT LEAST ONCE A WEEK AND AFTER ANY RAINFALL OF 0.5" OR MORE. MAKE NOTES, PICTURES, AND DOCUMENT ALL ACTIVITIES AS PER THE REQUIREMENTS OF THE NOTICE OF INTENT SUBMITTED BY THE PROJECT CIVIL ENGINEER.
- ALL TEMPORARY EROSION CONTROL ELEMENTS SHALL REMAIN IN PLACE UNTIL A SUFFICIENT GROWTH OF VEGETATION IS ESTABLISHED AND THEN BE REMOVED AS PART OF THE BASE BID.
- IF SEDIMENT-LADEN WATER NEEDS TO BE REMOVED FROM THE SITE, FILTER BAGS OR SCREENING SHALL BE USED IN ACCORDANCE WITH WI DNR TECHNICAL STANDARD 1061 TO PREVENT SEDIMENT DISCHARGE TO THE MAXIMUM EXTENT POSSIBLE.
- COORDINATE ALL EARTHWORK ACTIVITIES WITH THE RESPECTIVE TRADES RESPONSIBLE FOR THE INSTALLATION OF GAS, CABLE, TELEPHONE AND ELECTRICAL (INCLUDING MAIN SERVICE, SITE LIGHTING, CONDUITS AND SIGNAGE).
- PROVIDE RIP RAP AT ALL CULVERT OUTFLOW ENDWALL STRUCTURES TO PREVENT WASHOUT AND EROSION.
- INSTALL WISDOT TYPE HR FILTER FABRIC BENEATH ALL RIP RAP.
- IF BARE SOIL IS EXPOSED DURING THE WINTER MONTHS, STABILIZATION BY MULCHING OR ANIONIC POLYACRYLAMIDE SHALL OCCUR PRIOR TO WINTER. DO NOT GROW VEGETATION DURING THE WINTER MONTHS.
- SILO FENCE SHALL BE INSTALLED AROUND THE TOPSOIL STOCKPILE.
- SILO FENCE SHALL BE INSTALLED AROUND THE BIO-RETENTION AREA IMMEDIATELY FOLLOWING INSTALLATION OF THE ENGINEERED SOIL TO PROTECT IT FROM SILT CONTAMINATION.
- THE ENGINEERED SOIL SHALL NOT BE PLACED IN THE BIO-RETENTION AREAS UNTIL THE SURROUNDING DRAINAGE AREA HAS BEEN FULLY STABILIZED. ALL CONSTRUCTION SITE SEDIMENT SHALL BE REMOVED FROM THE SUBGRADE OF THE BIO-RETENTION AREA PRIOR TO PLACEMENT OF THE ENGINEERED SOIL.
- THE CONTRACTOR SHALL PERFORM INSPECTIONS AND MONITORING OF EROSION CONTROL PRACTICES IN ACCORDANCE WITH THE WI DNR "CONSTRUCTION SITE INSPECTION REPORT" FORM 3400-187. THIS FORM CAN BE FOUND IN THE CONSTRUCTION SPECIFICATIONS.

EROSION CONTROL LEGEND:



EROSION CONTROL SEQUENCING:

- INSTALL PERIMETER EROSION CONTROL.
- EXCAVATE A TEMPORARY SEDIMENT TRAP AT THE PROPOSED BIO-RETENTION AREA IN ACCORDANCE WITH DNR TECHNICAL STANDARD 1063.
- 1.1. SEDIMENT TRAP DESIGN ELEVATION SHALL BE CONSISTENT WITH THE BOTTOM DESIGN ELEVATION OF THE BIO-RETENTION BASIN. SEE DETAIL.
- 2.1. INSTALL STONE OUTLET/OVERFLOW WEIR WHEREVER INDICATED ON PLANS.
- 2.2. EXCAVATE TEMPORARY SWALES AWAY FROM THE BASIN TO DIRECT AND MAXIMIZE STORMWATER RUNOFF TO THIS BASIN DURING CONSTRUCTION.
3. BEGIN DEMOLITION.
4. BEGIN ROUGH GRADING AND UTILITY INSTALLATION.
5. DURING GRADE ACTIVITIES, EXISTING GRASS AND VEGETATION, TO BE REMOVED, SHALL REMAIN IN PLACE FOR AS LONG AS POSSIBLE, TO AVOID SEDIMENT TRANSPORT.
6. TEMPORARY STABILIZATION ACTIVITY SHALL COMMENCE WHEN LAND DISTURBING CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.
7. FINISH STABILIZATION ACTIVITIES SHALL COMMENCE WHEN LAND DISTURBING ACTIVITIES CEASE AND FINISH GRADE HAS BEEN REACHED ON ANY PORTION OF THE SITE.
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- 8.1. ANY CONSTRUCTION SITE SEDIMENT BUILD UP SHALL BE REMOVED FROM THE PROPOSED BIO-RETENTION BASIN BEFORE EXCAVATION TO THE FINAL DEPTH AND INSTALLATION OF THE ENGINEERED SOIL.
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**ADDITION AND RENOVATION
WHITEWATER USD MIDDLE SCHOOL
401 S ELIZABETH STREET
WHITEWATER, WI 53190**

Project Title: ISSUANCES + REVISIONS:

△ DATE DESCRIPTION

CONSTRUCTION DOCUMENTS
12/19/2025

Project Number: 3705

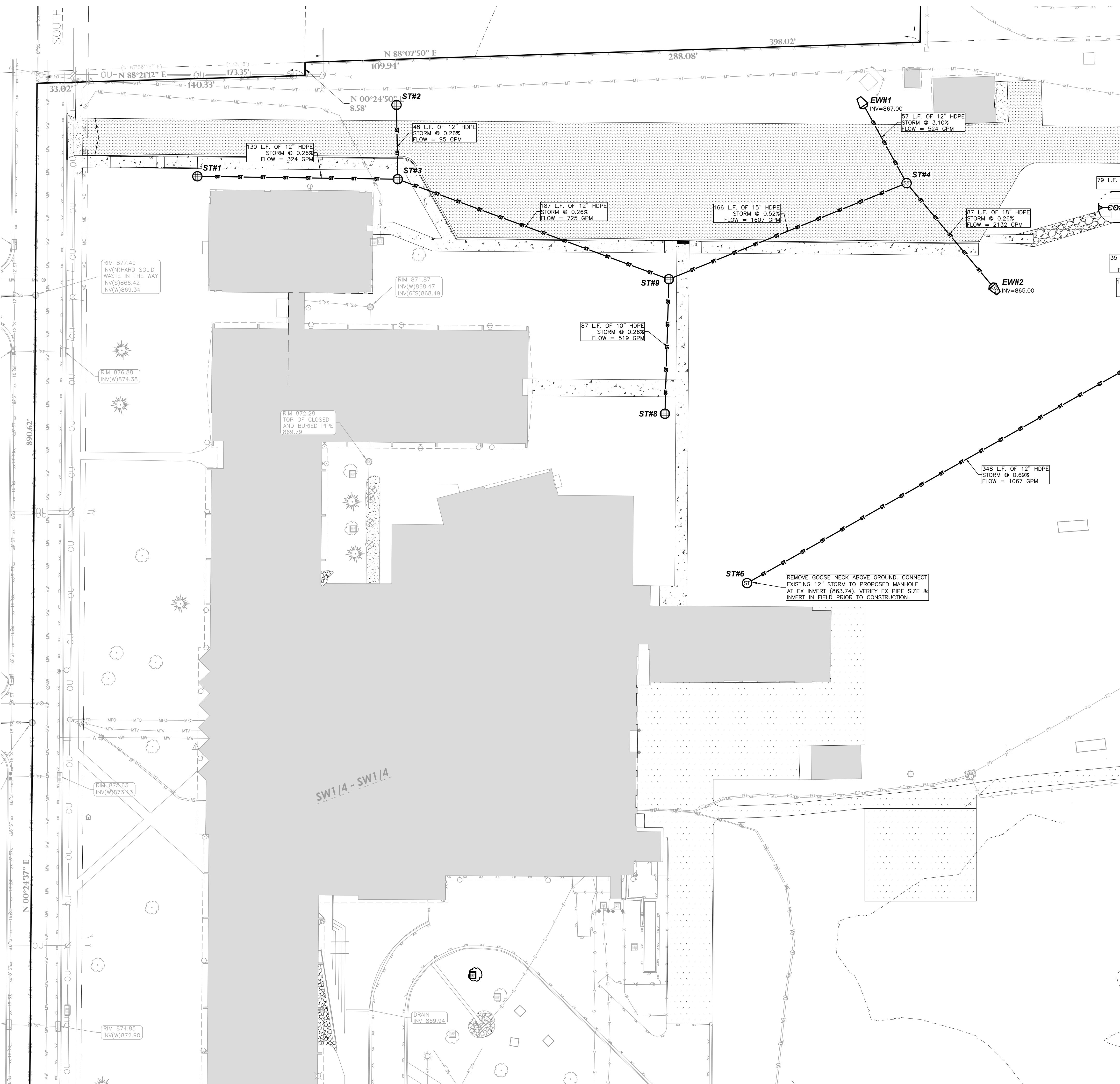
Sheet Title:

**SOUTH
EROSION
CONTROL
PLAN**

Sheet Number:

C4.2





BENCHMARK:

ELEVATIONS ARE REFERENCED TO NOVD 29 DATUM.

BENCHMARK #1

600 SPIKE ON NORTH SIDE OF POWER POLE

LOCATED APPROXIMATELY 70 FEET EAST OF THE NORTH EDGE OF THE SALT SHED.

ELEVATION = 864.69

BENCHMARK #2

600 SPIKE ON SOUTH SIDE OF POWER POLE

LOCATED APPROXIMATELY 75 FEET NORTH OF THE NORTH EDGE OF THE WHITEWATER MIDDLE SCHOOL.

ELEVATION = 871.44

BENCHMARK #3

ARROW BOLT ON HYDRANT

LOCATED ON THE EAST SIDE OF THE ELIZABETH STREET AND WEST LAUREL STREET.

ELEVATION = 878.20

UTILITY DISCLAIMER:

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THESE UTILITIES ARE NOT SHOWN FROM AS-BUILT PLANS, SANITARY SEWER AND STORM SEWER PIPE SIZES, INVERTS, DIRECTION, AND LOCATIONS BETWEEN MANHOLES ARE SUPPLEMENTED BY AS-BUILT PLANS AND FIELD MEASUREMENTS.

PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES SHOWN HEREON, IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND SIZES FIELD MEASUREMENTS BE MADE AND SHOWN ON A DRAWING.

PRIOR TO CONSTRUCTION, IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND SIZES OF ANY UTILITIES NOT SHOWN ON THIS DRAWING, SHOWN HEREON, ARE HEREBY FOREWARNED THAT ANY EXCAVATION UPON THIS SITE MAY RESULT IN THE DISCOVERY OF ADDITIONAL UNDERGROUND UTILITIES NOT SHOWN ON THIS DRAWING.

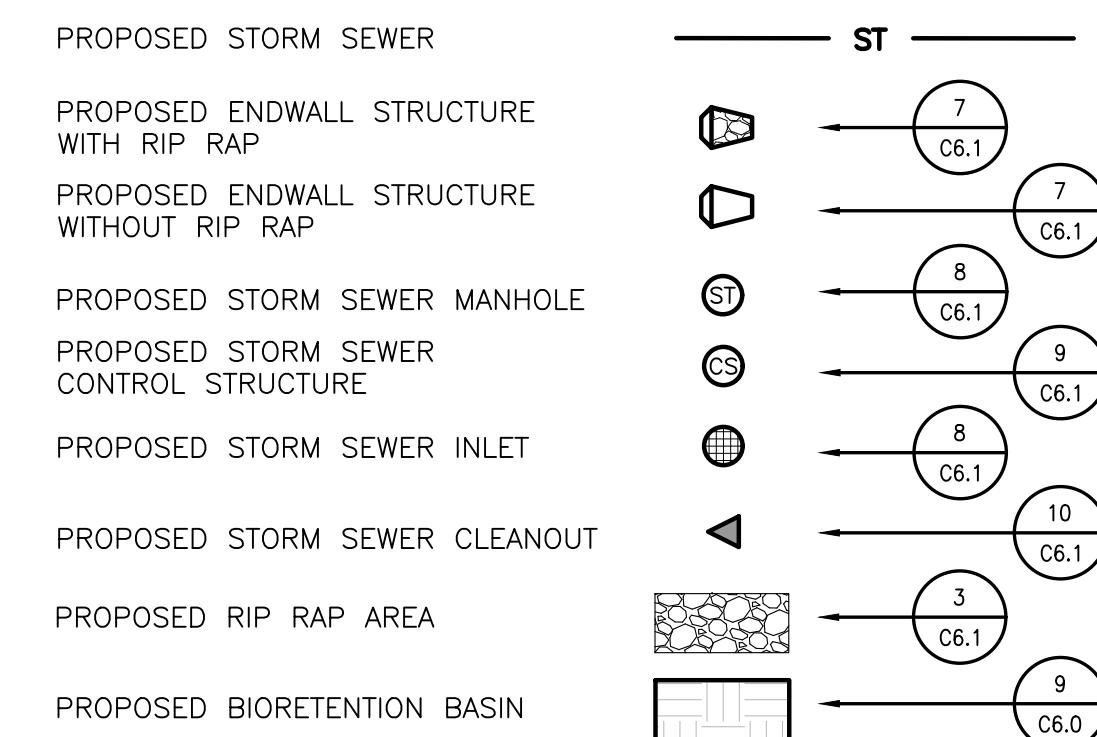
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GENERAL NOTES:

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- GRADE, LINE, AND LEVEL SHALL BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER.
- ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED AND OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE GRADING CONTRACTOR.
- REFER TO THE APPROPRIATE BUILDING MECHANICAL AND PLUMBING PLANS TO VERIFY EXACT CONNECTION LOCATIONS AND SIZES OF PROPOSED SANITARY SEWER AND WATER LATERALS.
- COORDINATE UTILITY WORK WITH THE RESPECTIVE TRADES RESPONSIBLE FOR THE INSTALLATION OF GAS, CABLE, TELEPHONE AND ELECTRICAL (INCLUDING MAIN SERVICE, SITE LIGHTING, CONDUITS AND SIGNAGE).
- COORDINATE UTILITY SERVICE DISCONNECTIONS/OUTAGES WITH OWNER AND ANY IMPACTED NEIGHBORS. MINIMIZE DISRUPTIONS TO THE MAXIMUM EXTENT PRACTICAL.
- ALL TELEPHONE AND SATELLITE SERVICES BE DISCONNECTED IN ACCORDANCE WITH SPSC 382.21.
- THE MUNICIPALITY SHALL BE CONTACTED PRIOR TO ANY EXCAVATION IN THE PUBLIC RIGHT-OF-WAY, AND PRIOR TO CONNECTING SANITARY SEWER AND WATER LATERALS TO THE PUBLIC MAINS.
- THE CONTRACTOR SHALL HAVE A TRAFFIC CONTROL PLAN APPROVED PRIOR TO WORK COMMENCING.
- THE MUNICIPALITY SHALL OPERATE ALL EXISTING WATER VALVES, IF NEEDED.
- FIELD VERIFY INVERT ELEVATION OF THE STORM SEWER AT THE LOCATION OF THE LATERAL CONNECTIONS, PRIOR TO CONNECTING THE LATERALS.
- PROVIDE RIP RAP AT ALL STORM ENDWALLS TO PREVENT WASHOUT AND EROSION.
- INSTALL WSDOT TYPE HR FILTER FABRIC BENEATH PROPOSED RIP RAP.

UTILITY LEGEND:



STORM MANHOLE SCHEDULE:

STRUCTURE #	STRUCTURE DETAILS
ST#6	RIM = 867.00 INV (W) = 863.20 INV (SW) = 863.84 INV (SW) = 861.34 INV (SE) = 861.34 INV (SE) = 861.34 DEPTH = 5.66'
ST#7	48" LD. PRECAST MANHOLE W/ NEENAH R-1555 CASTING W/ SOLID LID
ST#1	RIM = 871.69 INV (E) = 868.15 DEPTH = 3.54"
ST#8	12" NYLOPLAST DRAIN BASIN W/ 12" DOME GRATE W/ 6" SUMP
ST#2	RIM = 870.34 INV (S) = 867.93 DEPTH = 2.41"
ST#3	12" NYLOPLAST DRAIN BASIN W/ 12" DOME GRATE W/ 6" SUMP
ST#9	RIM = 871.05 INV (W) = 867.81 INV (W) = 866.81 INV (E) = 866.57 DEPTH = 4.48"
ST#10	24" NYLOPLAST DRAIN BASIN W/ 24" DOME GRATE W/ 6" SUMP
ST#4	RIM = 869.47 INV (NW) = 865.23 INV (W) = 865.23 INV (E) = 865.23 DEPTH = 4.75"
ST#5	24" NYLOPLAST DRAIN BASIN W/ 24" DOME GRATE W/ 6" SUMP
ST#11	RIM = 867.26 INV (W) = 865.29 INV (S) = 865.29 DEPTH = 2.47"
	12" NYLOPLAST DRAIN BASIN W/ 12" DOME GRATE W/ 6" SUMP

CLEAN OUT SCHEDULE:

STRUCTURE #	STRUCTURE DETAILS
CO#1	RIM = 864.51 INV (E) = 862.00

ADDITION AND RENOVATION
WHITEWATER USD MIDDLE SCHOOL
401 S ELIZABETH STREET
WHITEWATER, WI 53190

ISSUANCES + REVISIONS:
Project Title: ISSUANCES + REVISIONS:
DATE DESCRIPTION

CONSTRUCTION DOCUMENTS
12/19/2025

Project Number:
3705

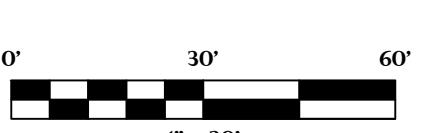
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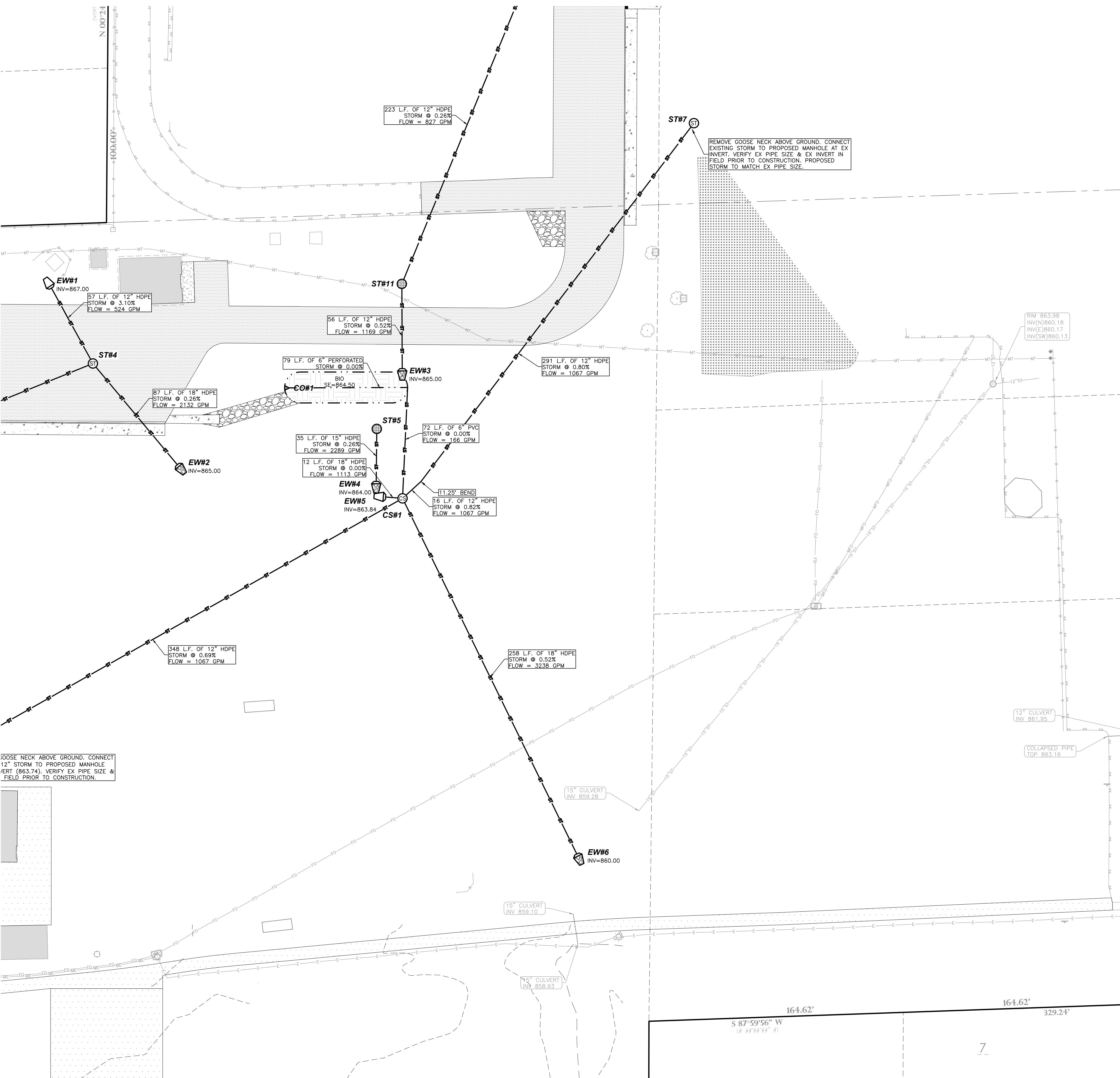
WEST
UTILITY
PLAN

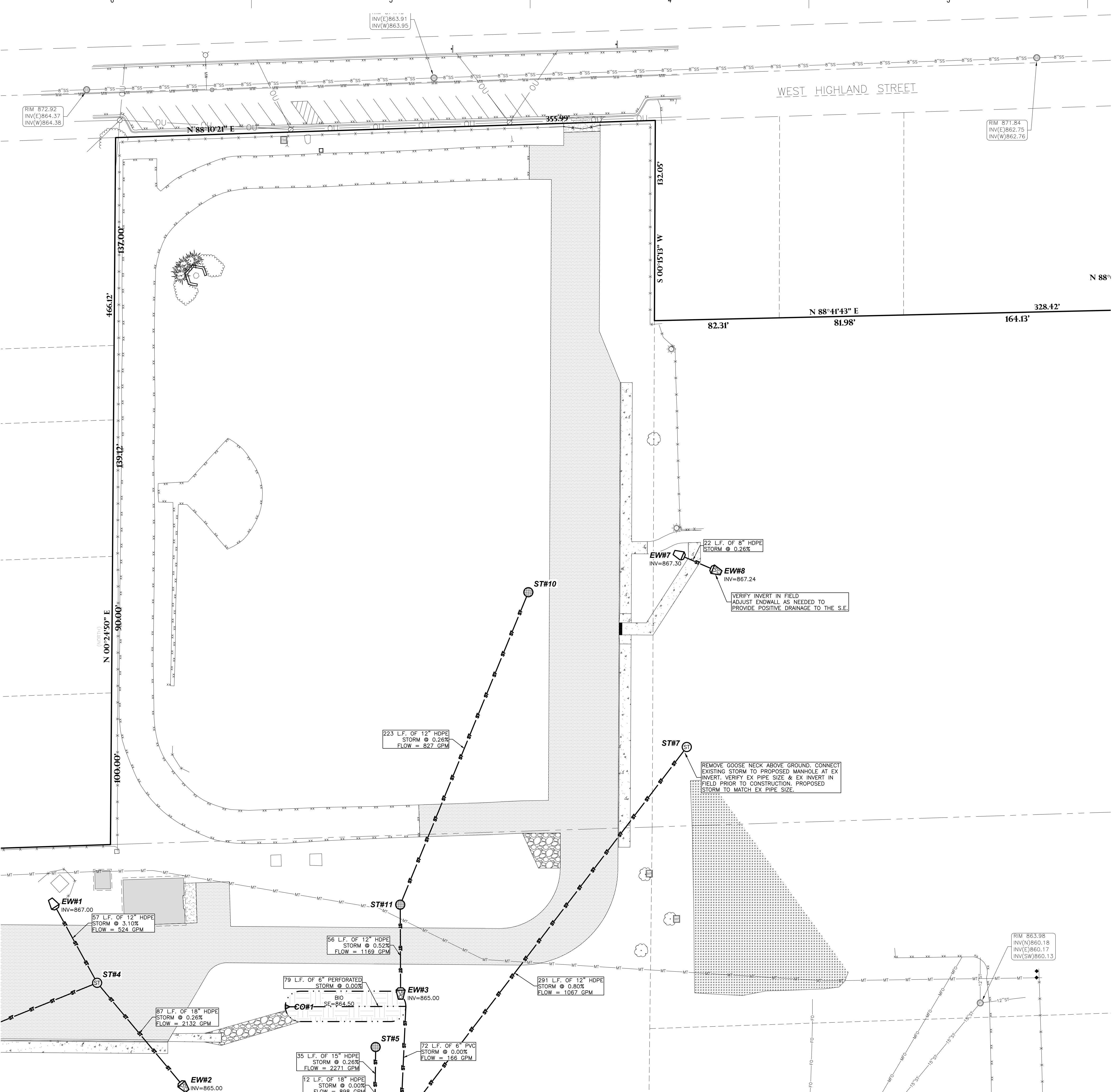
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BENCHMARK:

ELEVATIONS ARE REFERENCED TO NOVD 29 DATUM.

BENCHMARK #1
600 SPIKE ON NORTH SIDE OF POWER POLE
LOCATED APPROXIMATELY 70 FEET EAST OF THE NORTH EDGE OF THE EAST EDGE OF THE SALT SHED.
ELEVATION = 864.69

BENCHMARK #2
600 SPIKE ON SOUTH SIDE OF POWER POLE
LOCATED APPROXIMATELY 75 FEET NORTH OF THE NORTH EDGE OF THE SALT SHED.
ELEVATION = 864.34

BENCHMARK #3
ARROW BOLT ON HYDRANT
LOCATED ON THE EAST SIDE OF THE SALT SHED.
ELEVATION = 864.34

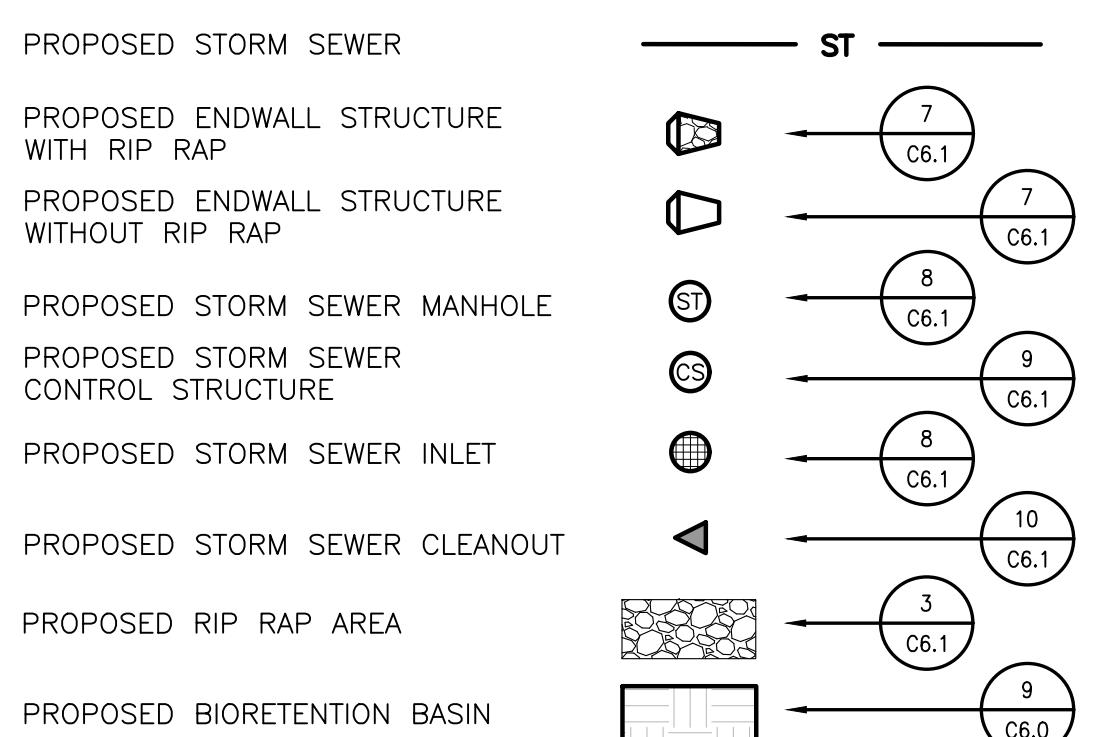
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- COORDINATE UTILITY SERVICE DISCONNECTIONS/OUTAGES WITH OWNER AND ANY IMPACTED NEIGHBORS. MINIMIZE DISRUPTIONS TO THE MAXIMUM EXTENT PRACTICAL.
- COORDINATE ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY WITH THE LOCAL MUNICIPALITY.
- ALL TELEPHONE AND INSURANCE SERVICES BE DOUBLED IN ACCORDANCE WITH SDS 382.21.
- THE MUNICIPALITY SHALL BE CONTACTED PRIOR TO ANY EXCAVATION IN THE PUBLIC RIGHT-OF-WAY, AND PRIOR TO CONNECTING SANITARY SEWER AND WATER LATERALS TO THE PUBLIC MAINS.
- THE CONTRACTOR SHALL HAVE A TRAFFIC CONTROL PLAN APPROVED PRIOR TO WORK COMMENCING.
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- FIELD VERIFY INVERT ELEVATION OF THE STORM SEWER AT THE LOCATION OF THE LATERAL CONNECTIONS, PRIOR TO CONNECTING THE LATERALS.
- PROVIDE RIP RAP AT ALL STORM ENDWALLS TO PREVENT WASHOUT AND EROSION.
- INSTALL WISDOT TYPE HR FILTER FABRIC BENEATH PROPOSED RIP RAP.

UTILITY LEGEND:



STORM MANHOLE SCHEDULE:

STRUCTURE #	STRUCTURE DETAILS
CS#1	RIM = 867.00 INV (W) = 863.20 INV (SW) = 863.84 INV (SW) = 861.34 INV (SE) = 861.34 INV (SE) = 861.34 DEPTH = 5.66'
ST#6	48" I.D. PRECAST MANHOLE W/ NEENAH R-1733-1 CASTING W/ SOLID LID
ST#7	RIM = 867.69 INV (E) = 868.15 INV (SW) = 863.79 DEPTH = 3.00'
ST#1	12" NYLOPLAST DRAIN BASIN W/ 12" DOME GRATE W/ 6" SUMP
ST#8	RIM = 868.98 INV (N) = 866.31 DEPTH = 3.17' 12" NYLOPLAST DRAIN BASIN W/ 12" DOME GRATE W/ 6" SUMP
ST#2	RIM = 870.34 INV (S) = 867.93 DEPTH = 2.41'
ST#3	RIM = 871.05 INV (W) = 867.81 INV (W) = 866.21 INV (E) = 866.57 DEPTH = 4.48'
ST#9	12" NYLOPLAST DRAIN BASIN W/ 12" DOME GRATE W/ 6" SUMP
ST#10	RIM = 868.47 INV (N) = 865.87 DEPTH = 3.10' 12" NYLOPLAST DRAIN BASIN W/ 12" DOME GRATE W/ 6" SUMP
ST#4	RIM = 869.47 INV (NW) = 865.23 INV (W) = 865.23 INV (SW) = 865.23 DEPTH = 4.75'
ST#11	RIM = 867.26 INV (N) = 865.29 INV (S) = 865.29 DEPTH = 2.47' 12" NYLOPLAST DRAIN BASIN W/ 12" DOME GRATE W/ 6" SUMP
ST#5	RIM = 865.50 INV (S) = 864.09 DEPTH = 1.91' 24" NYLOPLAST DRAIN BASIN W/ 24" DOME GRATE W/ 6" SUMP

CLEAN OUT SCHEDULE:

STRUCTURE #	STRUCTURE DETAILS
CO#1	RIM = 864.51 INV (E) = 862.00

ADDITION AND RENOVATION
WHITEWATER USD MIDDLE SCHOOL
401 S ELIZABETH STREET
WHITEWATER, WI 53190


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
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12/19/2025

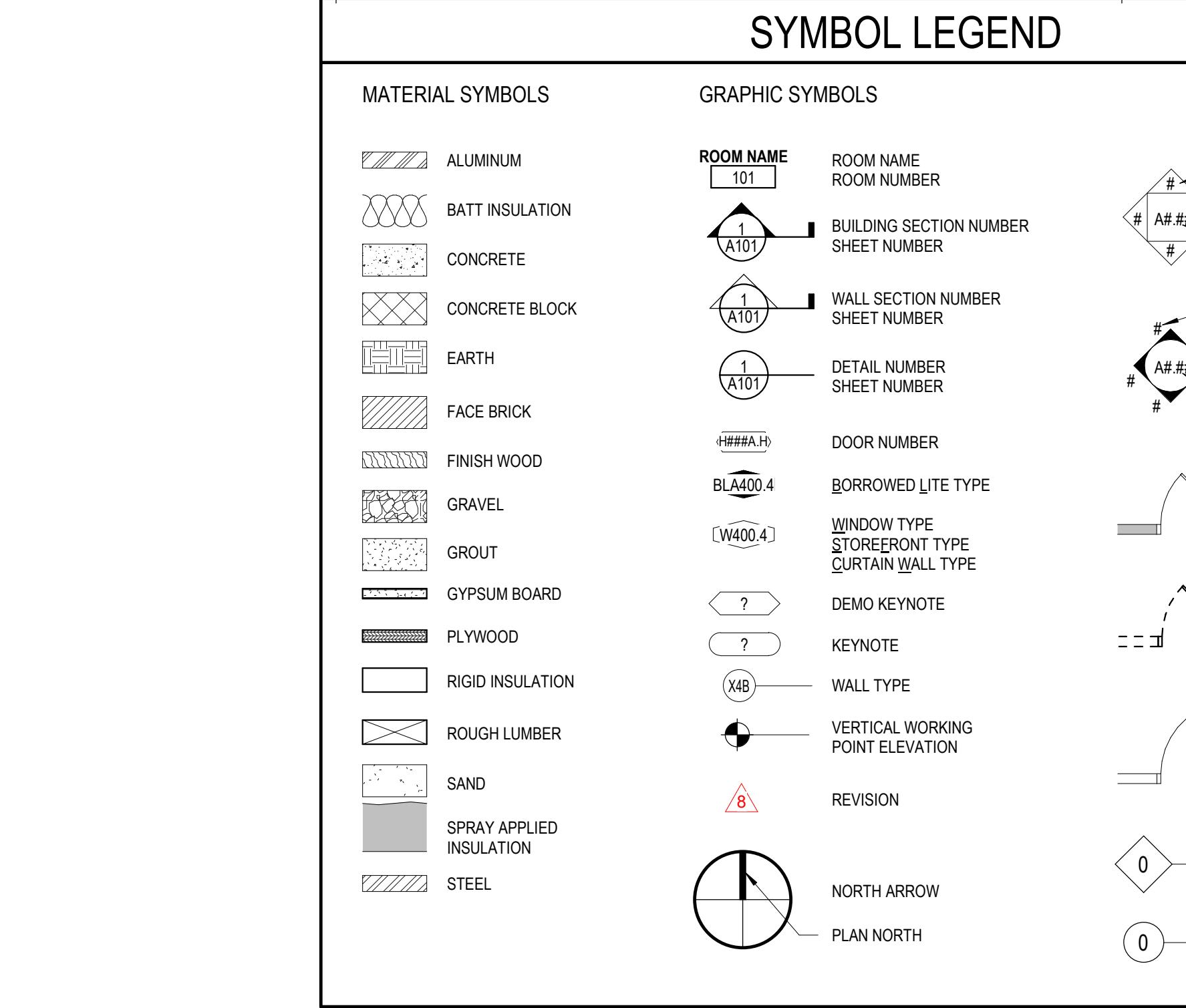
Project Number:
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Sheet Title:
NORTH UTILITY PLAN
Sheet Number:

C5.3







SYMBOL LEGEND

4

PROJECT KEYNOTE LEGEND

P7 REMOVE PORTION OF WALL FOR NEW ELECT. PANEL, PATCH AND PAINT TO MATCH EXISTING.

TYPICAL ABBREVIATIONS

⑧	AT	FOO	FLOOR CLEANOUT	ODHR	OVERHEAD DOOR
A/C	AIR CONDITIONING	FCS	FIBER CEMENT SIDING	OPH	OPPOSITE HAND
ACC	ACCESSIBLE	FD	FLOOR DRAIN	OPN	OPENING
ACM	ALUMINUM COMPOSITE PANEL	FE	FIRE EXTINGUISHER	PCONC	POLISHED CONCRETE
ACR	ACOUSTICAL CEILING REFLECTOR	FE-36	FIRE EXTINGUISHER (AGENT 36 FOR COMPUTERS)	PLAM	PLASTIC LAMINATE
ACS FLR	ACCESS FLOOR	FEC	FIRE EXTINGUISHER CABINET	PLAS	PLASTER
ACS PAN	ACCESS PANEL	FEP	FINISHED END PANEL	PLBG	PLUMBING
ACST	ACOUSTIC	FG	GLASS	PLYWD	PLYWOOD
ADH	ADHESIVE	FHP	FULL HEIGHT PARTITION	PNL	PANEL
ADJ	ADJUSTABLE	FIN	FINISH	POL	POLISHED
AED	AUTOMEDICAL EQUIPMENT	FIXT	FIXTURE	PGST	PREFABRICATED
AFF	ABOVE FINISHED FLOOR	FL	FLOOR LINE	PRETAB	PREFABRICATED
AHR	ANCHOR	FLASH	FLASHING	PRETIN	PREFINISHED
ALT	ALTERNATE	FLG	FLOORING	PROJ	PROJECT
ALUM	ALUMINUM	FOM	FACE OF MASONRY	PT	PAINT
AMC	ACOUSTICAL METAL PAN CEILING	FOS	FACE OF STUD	PVG	PAVING
ANOD	ANODIZED	FOW	FACE OF WALL	PVMT	PAVEMENT
AP	ACRYLIC PANEL	FP	FIREPROOF (ING)	PWR	POWER
APC	ACRYLIC PANEL CEILING	PGRL	PRE-GLAZED GLAZING UNIT		
APPROX	APPROXIMATE	PRD	PRE-PAGED FOLDING DOOR	QT	QUARRY TILE
ARB	AIR BARRIER	FRG	FIBER REINFORCED CYPUM	QZ	QUARTZ
ARCH	ARCHITECT(URAL)	FRGL	FIBER RESISTIVE GLAZING UNIT	R	RISER
ASPH	ASPHALT	FSTNR	FIBER REINFORCED PLASTIC	RB	RESILIENT BASE
AUD	AUDITORIUM SEATING	FTG	FOOTING	RD	ROOF DRAIN
AUX	AUXILIARY			REINF	REINFORCE
AV	AUDIO VISUAL	GALV	GALVANIZED	REM	REMOVABLE
AVG	AVERAGE	GC	GENERAL CONTRACTOR	REQD	REQUIRED
AWF	ACOUSTICAL WALL PANEL MATERIAL	GEN	GENERAL	RES	RESINOUS FLOORING
AWP	ACOUSTICAL WALL PANEL	GEN-BD	GYPSUM BOARD CONTROL JOINT	RFG	ROOFING
BEJ	BUILDING EXPANSION JOINT	GR	GROUND FACE	RFS	ROOF SPECIALTIES
BEV	BEVELED	CMU	GROUND FACE CMU	RH	RE-HATCH
BITUM	BITUMINOUS	GR	GROUND FAULT CIRCUIT	RLG	RAILING/GUARDRAIL
BLDG	BUILDING	GL	MONOLITHIC GLAZING UNIT	RM	ROOM
BLK	BRICK LEDGE ELEVATION	GL BLK	GLASS BLOCK	RO	ROUGH OPENING
BLT	BLOCKING(LITE)	GL CMU	GLAZED CMU	ROW	RIGHT OF WAY
BM	BEAM	GR	GRANITE	RUB	RUBBER FLOORING
BMU	BURNTISH MASONRY UNIT	GRDM	GRANULOMET	S	SOUTH
BOT	BOTTOM	GT	GROUT	SAN	SANITARY
BPC	SOUND ABSORBING BAFFLE PANELS	GYP	GYPSUM	SATC	SUSPENDED ACOUSTICAL TILE
BRD	BRANDING ITEM	GYP BD	GYPSUM BOARD	SB	SPASH BLOCK
BRG	BEARING	GYP PLAS	GYPSUM PLASTER	SC	SOLID CORE
BRK	BRICK	HC	HOSE BIBB	SCA	SECURITY CEILING ASSEMBLIES
BW	BUILDING WRAP	HD	HOLLOW CORE	SCHED	SCHEDULE
C&G	CURB AND GUTTER	HDBD	HARDBOARD	SCONC	SEALDED CONCRETE
C/C	CENTER TO CENTER	HW	HARDWARE	SHEET	SHEET
CAB	CABINET	HWWD	HARDWOOD	SHTRNG	SHORTHING
CBR	COUNTERTOP BRACKET	HT	HOLD OPEN	SKLT	SKYLIGHT
CEM	CEMENT	HORIZ	HORIZONTAL	SLNT	SLANT
CEM,PLAS	CEMENT PLASTER	HR	HOUR	SOG	SLAB ON GRADE
CFLG	COUNTER FLASHING	HT	HEIGHT	SPEC	SPECIFICATION
CG	CORNER GUARD	HTG	HEATING	SPKR	SPEAKER
CH	CAST COAT HOOK	HTR	HEATER	SQ	SQUARE
CIP	CAST-IN PLACE	HVAC	HEATING, VENTILATING & AIR	SQ IN	SQUARE INCH
CJ	CONTROL (CONSTRUCTION) JOINT	HTC	CONDITIONING	SSC	STAINLESS STEEL COUNTERTOP
CLG	CEILING	HYD	HYDRANT	SSF	SOLID SURFACE
CM	CONSTRUCTION MANAGER	IGU	INSULATED GLASS UNIT	SST	STAINLESS STEEL
CMU	CONCRETE MASONRY UNIT	IMC	INTUMESCENT MASTIC COATING	STD	STANDARD
CNR	CORNER	INCL	INCLUDED	STEEL	SEATING
COL	COLUMN	INFO	INFORMATION	STL, LST	SIMEL, LST
CONC	CONCRETE	INSUL	INSULATION	STL,LNT	STEEL LINTL
CONT	CONTINUOUS	INT	INTERIOR	STL, PL	STEEL PLATE
CONTR	CONTRACTOR	INV	INVERT	STL, TB	STEEL TUBE
COORD	COORDINATE	IP	INTUMESCENT PAI	STL, TR	STEEL TRUSS
CORR	CORRIDOR	PT	PT	STT	STEAM
CPT	CARPET	ST	STEAM	STT, SMC	STEAM, SOLID
CS	CAST STONE	JAN	JANITOR	STN	STONE
CSMT	CASEMENT	JAN CLO	JANITOR'S CLOSET	STNV	STONE VENEER
CSWK	CASEWORK	JT	JOINT	STOR	STORAGE
CT	CEMERIC TILE	KIN	KINETEK TILE	SV	SHEET VINYL
CTB	CEMERIC TILE BASE	KPL	KICK PLATE	SYS	SYSTEM
CTR	CENTER	LAB	LABORATORY	T	TREADS
CURT	CURTAIN	LAD	LADDER	T&G	TONGUE & GROOVE
CVD	COVERBOARD	LAM	LAMINATE	TA	TOILET ACCESSORY
DP	CABINET (DOOR/DRAWER) PULL	LNU	LINO/LEUM TILE	TEL	TELEPHONE
DEMO	DEMOLITION	LOC	LOCATION	TEMP	TEMPERATURE, TEMPORARY,
DEPT	DEPARTMENT	LT	LIGHT	TERPZED	TERPZED
DET	DETAIL	LNU	LINO/LEUM METAL CEILING	TERPZED	TERPZED
DF	DESPENDING FOUNTAIN (ELECTRIC WATER COOLER)	LOC	LOCATION	TERPZED	TERPZED
DIA	DIA	LVR	LOUVER	TO	TOP
DMPF	DAMPDPROOFING	LVT	LUXURY VINYL TILE	TP	TOILET COMPARTMENT (PARTITION)
DN	DOWN	MA	MASONRY ACCESSORY	TRS	TRANSITION STRIP
DPR	DIGITAL PRINT	MAX	MAXIMUM	TT	TERRAZZO TILE
DPTN	DEMOUNTABLE PARTITION	MEZZ	MEZZANINE	TWP	TACKABLE WALL PANEL MATERIAL
DR	DOOR	MD	METAL DECK	W	WALL
DRLG	DECORATIVE RAILING / GUARDRAIL	MEZZ	MEZZANINE	WOT	WALK OFF CARPET TILE
DS	DOORSPOUT	MFR	MATERIAL FRACTURER	WP	WATERPROOFING
DTS	DATE STONE	MIN	MINIMUM	WSB	WALL SHEATHING
DVG	DRAWING	MIRR	MIRROR	WWR	WELDED WIRE REINFORCEMENT
DVR	DRAWER	MISC	MISCELLANEOUS	YD	YARD
E	EAST	MJ	MASONRY MOVEMENT JOINT	YR	YEAR
EFS	EXTERIOR FINISH SYSTEM	MKB	MARKEBOARD	UNFIN	UNFINISH(ED)
EFS	EXTERIOR INSULATION FINISH	MKBV	MARKEBOARD VINYL	UR	URINAL
EFS	SYSTEM	MLWK	MILLWORK	UTIL	UTILITY
EJ	EXPANSION JOINT (INTERIOR)	MO	MASONRY OPENING	VCS	VINYL COMPOSITION SHEET
EL	ELEVATION	MOP	METAL PIPE BOLLARD	VCT	VINYL COMPOSITION TILE
EL	ELEVATION	MOP	MOP SINK (SERVICE SINK)	VERT	VERTICAL
ELEC	ELECTRIC(AU)	MSP	MOP SINK (SERVICE SINK)	VEST	VESTIBULE
ELEV	ELEVATOR	MT	MOSAIC, SOFT PANEL	VNR	VENEER
ENTR	ENTRANCE	MTD	MOUNTED TILE	VOL	VOLUME
EPI	EXPANDED POLYSTYRENE BOARD (INSULATION)	MTL	METAL	VPL	VENEER PLASTER
EQ	EQUAL	MWP	METAL WALL PANEL	VR	VAPOR RETARDER
ETH	EXCLUDING TO REMAIN	N	NORTH	VSC	VINYL SUNSHADE
EW	EACH WAY	NA	NOT APPLICABLE	W	WEST
EWC	ELECTRIC WATER COOLER	NIC	NOT IN CONTRACT	W/	WITH
EWC	(DRINKING FOUNTAIN)	NO	NUMBER	WW	WALL TO WALL
EXH	EXHAUST	NOM	NOMINAL	WB	WALL BASE
EXP	EXPOSED	NTS	NOT TO SCALE	WD	WOOD
EXT	EXISTING	OC	ON CENTER	WFN	WOOD FINISH
EXT	EXTERIOR	OF/CI	OWNER FURNISHED / CONTRACTOR INSTALLED	WFPLR	WOOD FLOOR
F&I	FURNISH & INSTALL	OFIO	OWNER FURNISHED / OWNER	WDW	WINDOW
FAB	FABRIC	OH	OVERHEAD	WOT	WALK OFF CARPET TILE
FB	FACE BRICK			WP	WATERPROOFING
				WSB	WALL SHEATHING
				WSC	WAINSOT
				WWR	WELDED WIRE REINFORCEMENT

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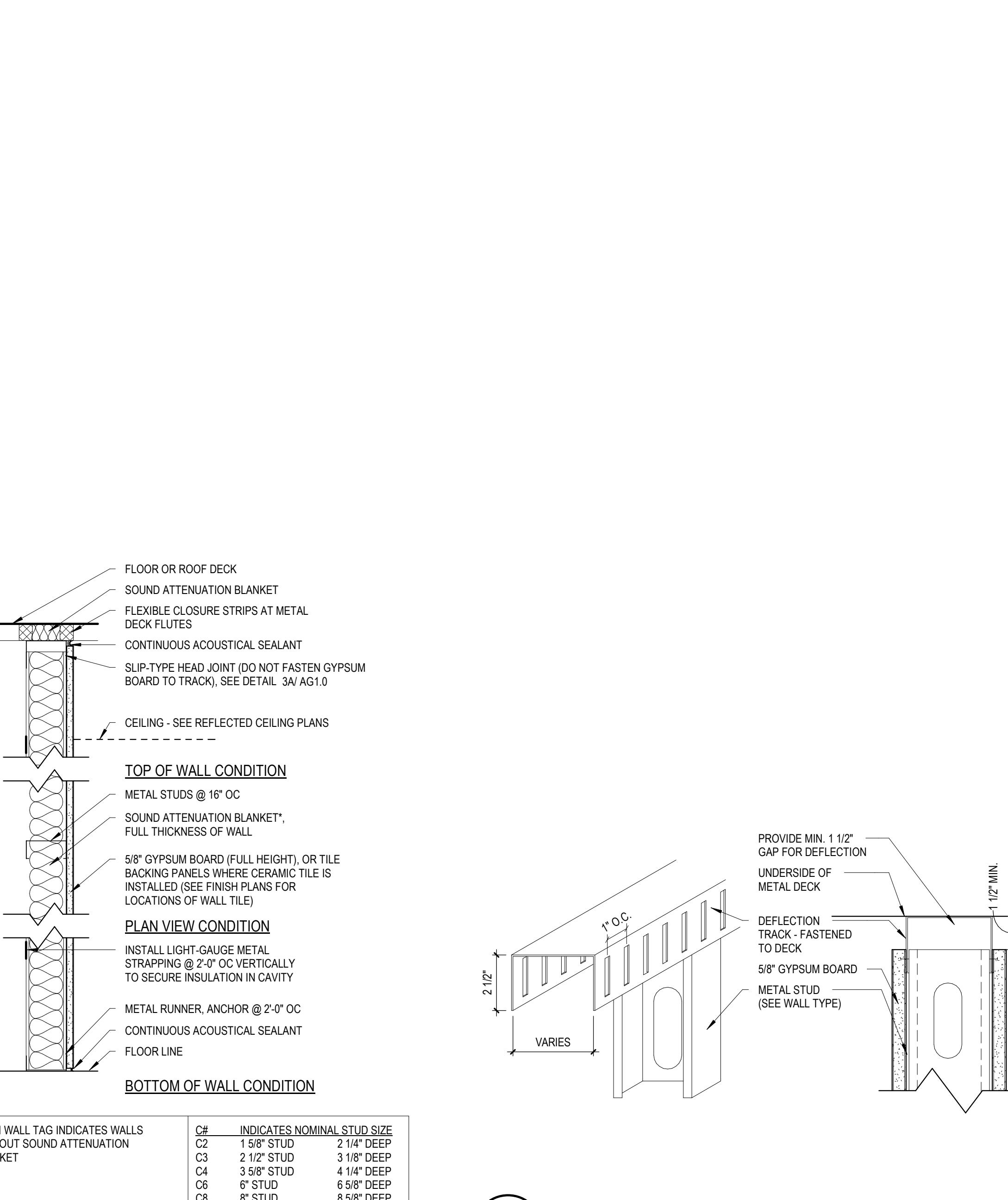
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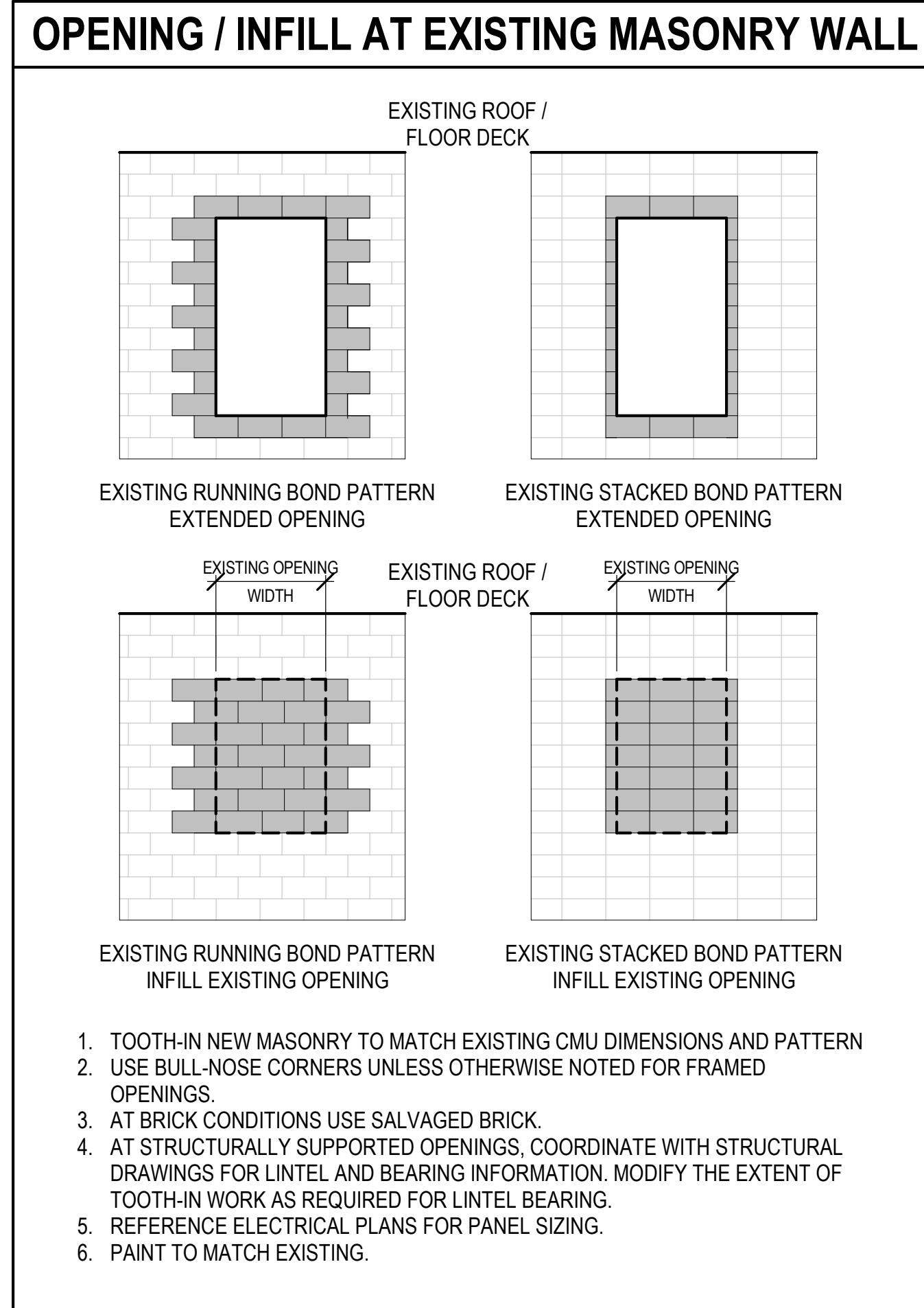
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CAPITAL MAINTENANCE TO
WHITEWATER MIDDLE SCHOOL
Whitewater Unified School District
401 S Elizabeth St
Whitewater, WI 53190

Project Title: ISSUES + REVISIONS
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12/19/2025
Project Number:
3705
Sheet Title:
GENERAL NOTES
Sheet Number:
AG1.0





6D OPENING IN EXISTING MASONRY WALL
A0.1 Scale: 1/4" = 1'-0"



6A FIRST FLOOR DEMO PLAN
A0.1 Scale: 1" = 20'-0"

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Whitewater Unified School District
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FIRST FLOOR DEMOLITION PLAN


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E

E

D

D

C

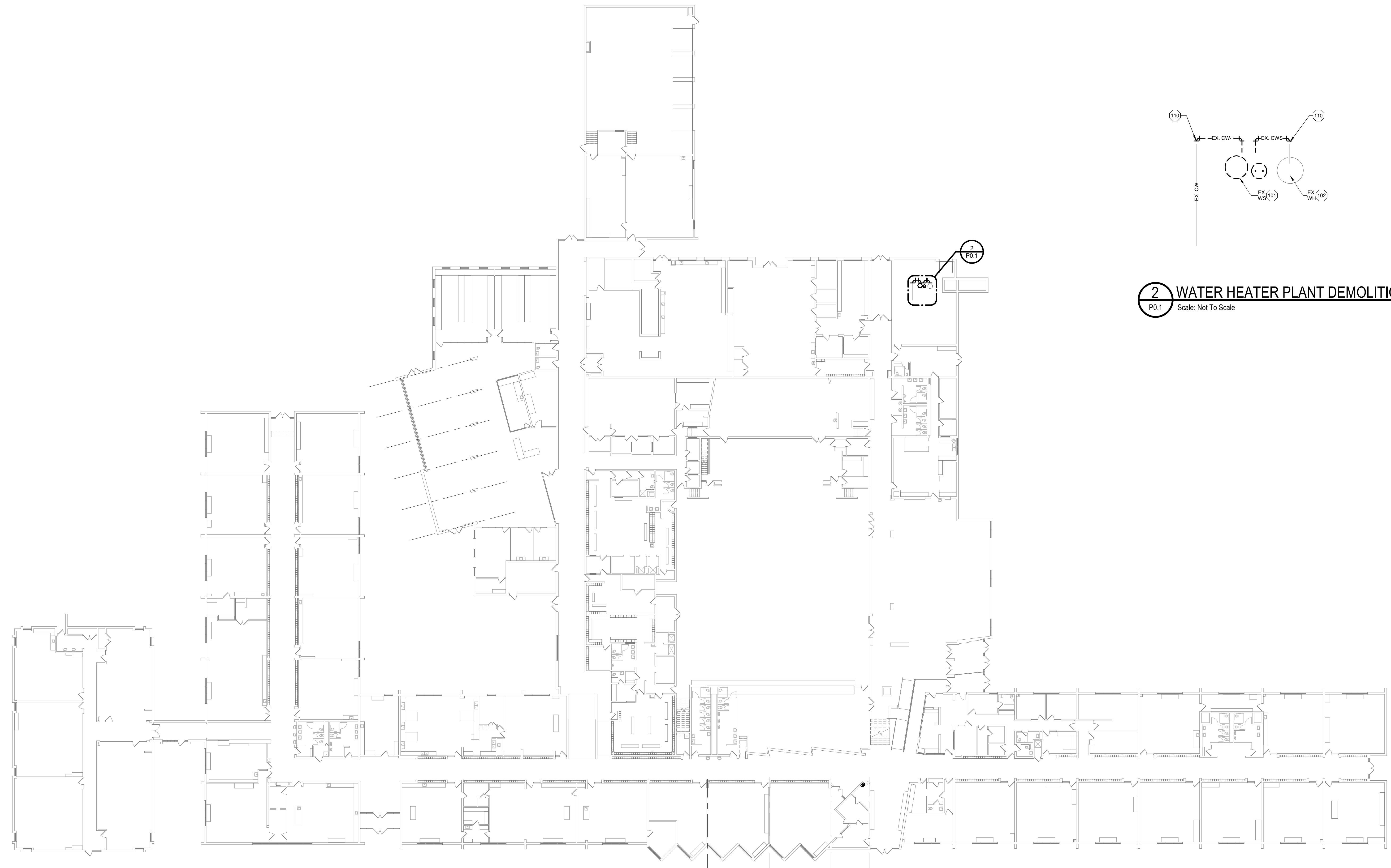
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B

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A

A



2 WATER HEATER PLANT DEMOLITION ENLARGED VIEW
P0.1 Scale: Not To Scale

SHEET KEYNOTES	
101	REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURE / EQUIPMENT. PLUG / CAP EXISTING PIPING BELOW / BEHIND / ABOVE SURFACE OF NEW FINISHED FLOOR / WALL / CEILING. THE EXISTING PIPING SHALL BE CAPPED BACK TO ITS ACTIVE MAIN OR BRANCH PIPING.
102	EXISTING PLUMBING FIXTURE / EQUIPMENT TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION. ENSURE PROPER OPERATION OF FIXTURE / EQUIPMENT BEFORE COMPLETION OF PROJECT.
110	REMOVE AND DISPOSE OF EXISTING PIPING BACK TO THIS LOCATION AND TEMPORARILY CAP FOR REUSE DURING NEW CONSTRUCTION PHASE.

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Address: **829 S. 1st Street**
Milwaukee, WI 53204

ISSUANCES + REVISIONS:
Project Number: **3705**

DATE DESCRIPTION

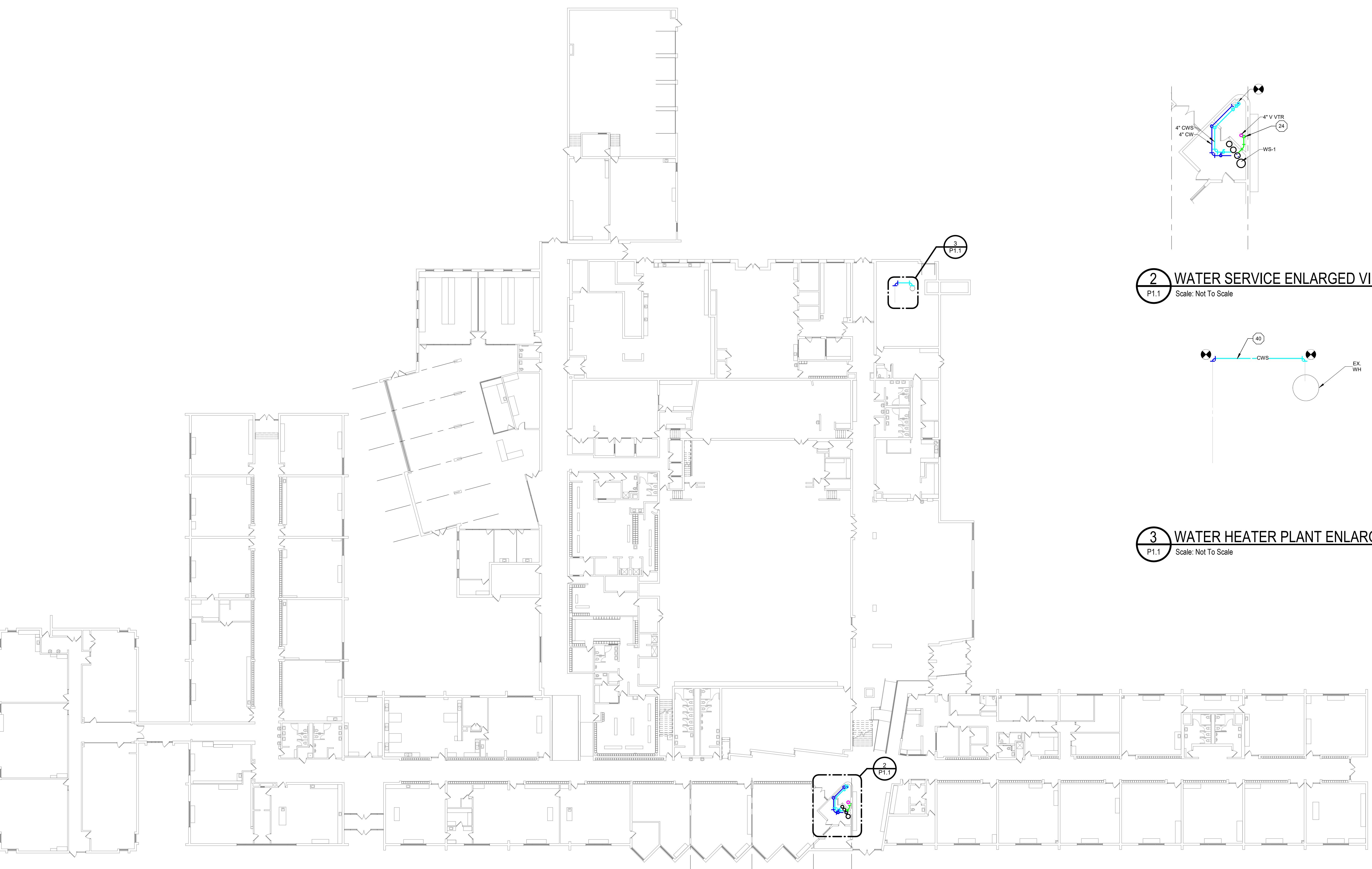
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3705

Sheet Title:
FIRST FLOOR DEMOLITION PLAN

Sheet Number:
P0.1





1 FIRST FLOOR PLAN
P1.1 Scale: 3/64" = 1'-0"

SHEET KEYNOTES	
24	ROUTE WATER SOFTENER DISCHARGE TO 2" PVC HUB. PROVIDE TRAP AND VENT AND CONNECT INTO EXISTING SANITARY PIPING IN TUNNEL.
40	FIELD VERIFY EXISTING PIPE SIZE AND MATCH FOR NEW INSTALLATION.

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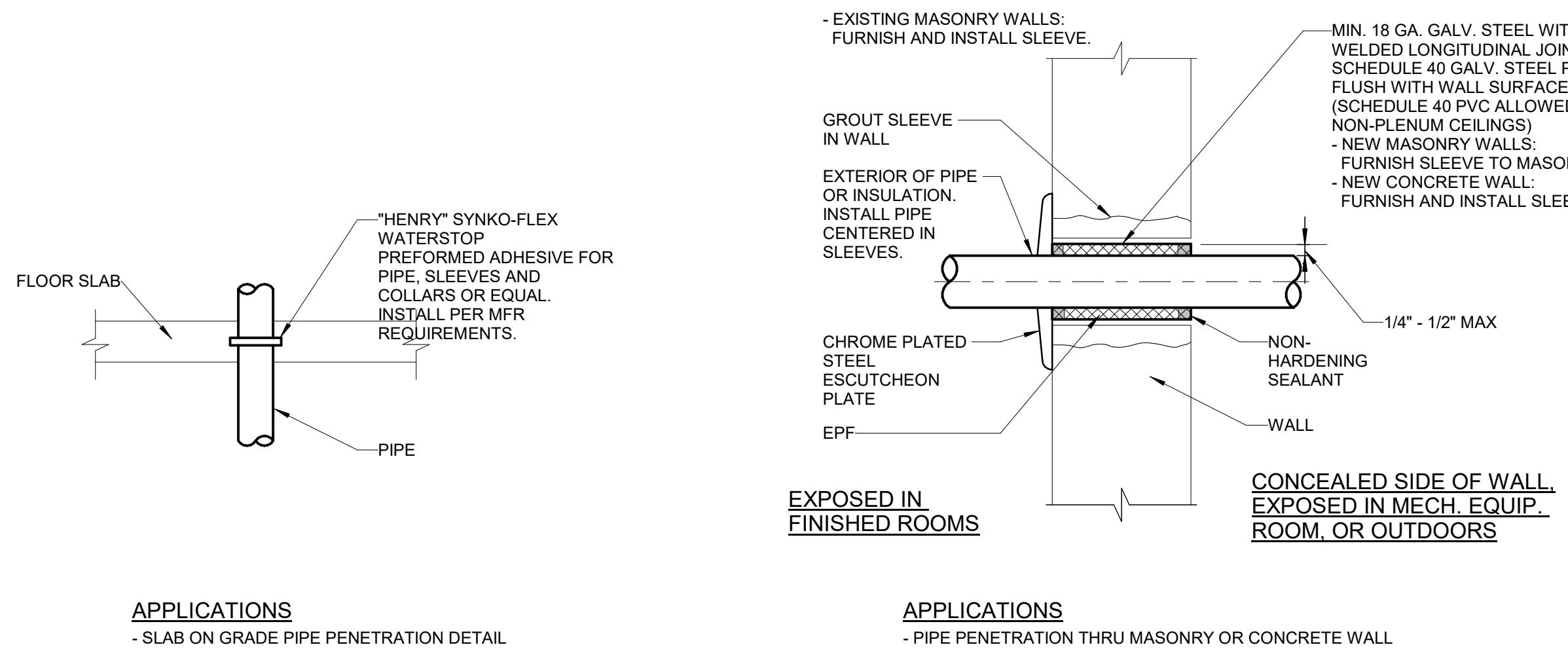
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**FIRST FLOOR
PLAN**

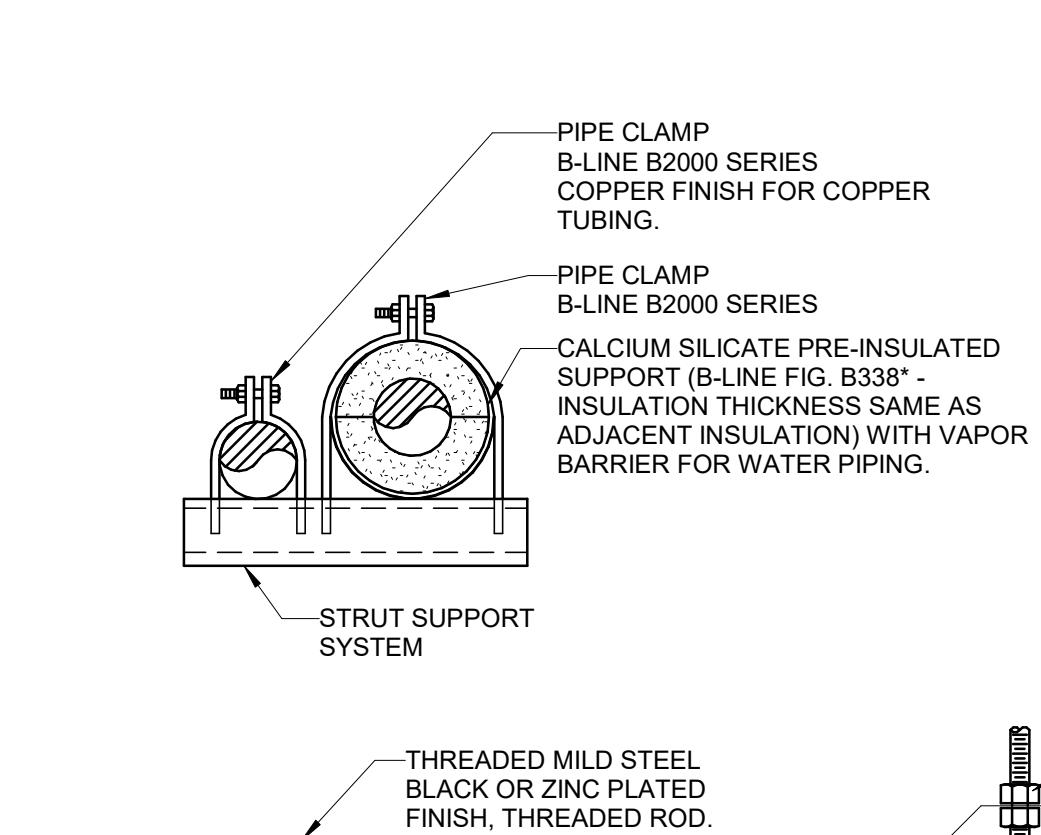
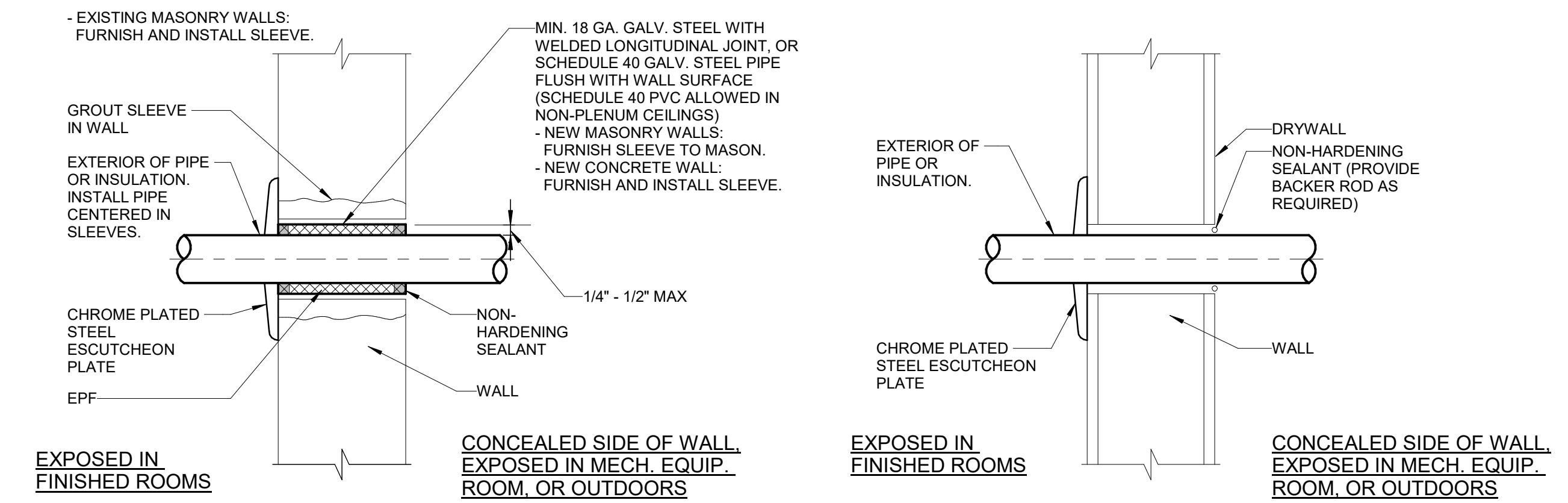
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1 PIPE PENETRATION DETAILS

P2.0 Scale: Not To Scale



PIPE SIZE	MAX. SPACING BETWEEN PIPE SUPPORTS AND MIN. HANGER ROD SIZES										
	STEEL	GLASS	MIN. ROD	WATER	GAS	MIN. ROD					
1/2"	8"	3/8"	5"	3/8"	4"	3"	32"	5"	3/8"		
3/4"	7"	9"	3/8"	5"	7"	3/8"	4"	3"	32"	5"	3/8"
1"	7"	9"	3/8"	6"	8"	3/8"	4"	3"	32"	5"	3/8"
1 1/4"	7"	9"	3/8"	7"	9"	3/8"	4"	4"	32"	5"	3/8"
1 1/2"	6"	9"	3/8"	8"	10"	3/8"	4"	4"	32"	5"	3/8"
2"	10"	12"	3/8"	8"	11"	3/8"	4"	5"	32"	5"	3/8"
2 1/2"	11"	12"	3/8"	9"	12"	3/8"	4"	4"	32"	5"	3/8"
3"	12"	12"	3/8"	10"	12"	3/8"	4"	4"	32"	5"	3/8"
4"	12"	12"	3/8"	12"	12"	3/8"	4"	4"	32"	5"	3/8"
6"	12"	12"	3/8"	12"	12"	3/8"	4"	4"	32"	5"	3/8"
8"	12"	12"	1/2"	-	-	-	4"	4"	-	5"	3/8"
10"	12"	12"	1/2"	-	-	-	4"	4"	-	5"	3/8"
12"	12"	12"	5/8"	-	-	-	4"	4"	-	3/8"	3/8"
14"	12"	12"	5/8"	-	-	-	4"	4"	-	3/8"	3/8"
16"	12"	12"	3/4"	-	-	-	4"	4"	-	3/8"	3/8"
MAX VERT. (1)	15"	15"	-	10"	10"	-	10"	10"	-	-	-

(1) SUPPORT AT MINIMUM EVERY FLOOR LEVEL OR SPACING LISTED.

(2) SWINGING MAY BE REQUIRED TO 10' FROM 10' PIPE LENGTHS.

MSS = MANUFACTURE STANDARD SECTION

- INSTALL ADDITIONAL HANGERS WITHIN 12' OF ELBOWS AND TEES AND AT CONCENTRATED LOADS,

INCLUDING VALVES, FLANGES AND STRAINERS 2 1/2" AND LARGER.

- HANG FROM BEAM CLAMPS, CONCRETE INSERTS, UNISTRUT, STRUCTURAL STEEL OR WALL BRACKET (TYP.)

- INSULATION (THICKNESS AND TYPE PER SCHEDULE) (TYP.)

- CARBON STEEL STANDARD CLEVIS HANGER MSS SP-58 TYPE 1 (B-LINE FIG. B3100C).

- PLASTIC COATED FOR COPPER TUBING (B-LINE FIG. B3100C).

- GALVANIZED CARBON STEEL STANDARD CLEVIS HANGER MSS SP-58 TYPE 1 (B-LINE FIG. B3100C).

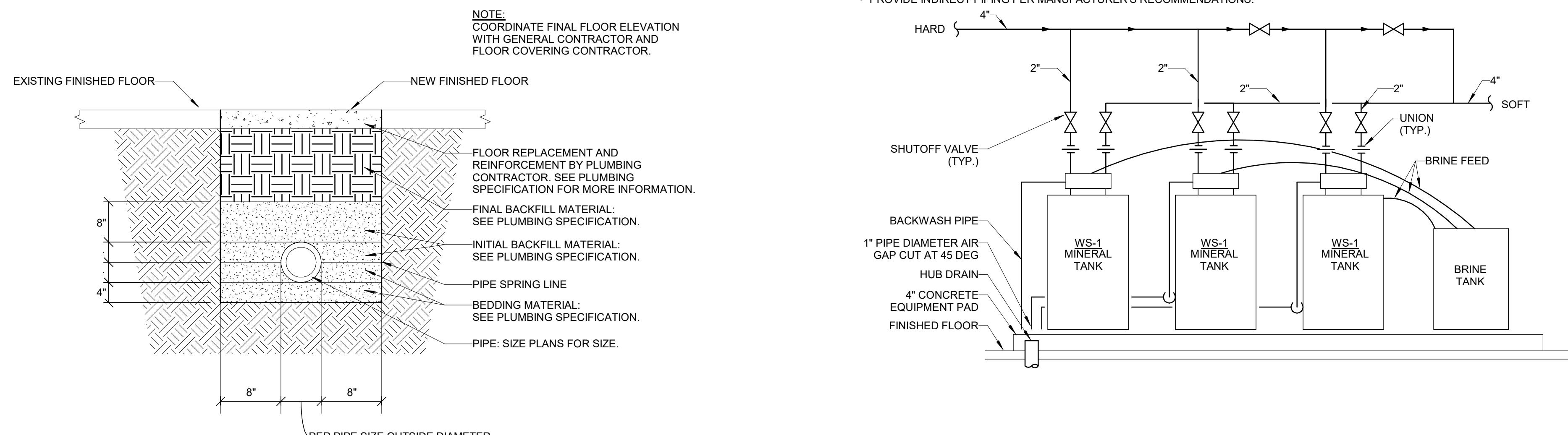
- PLASTIC COATED FOR COPPER TUBING (B-LINE FIG. B3100C).

- CALCIUM SILICATE PRE-INSULATED CLEVIS HANGER (B-LINE FIG. B3100C).

- INSULATION (THICKNESS AND TYPE PER SCHEDULE) (TYP.)

- HOT AND COLD WATER PIPING

- HOT AND COLD WATER PIPING

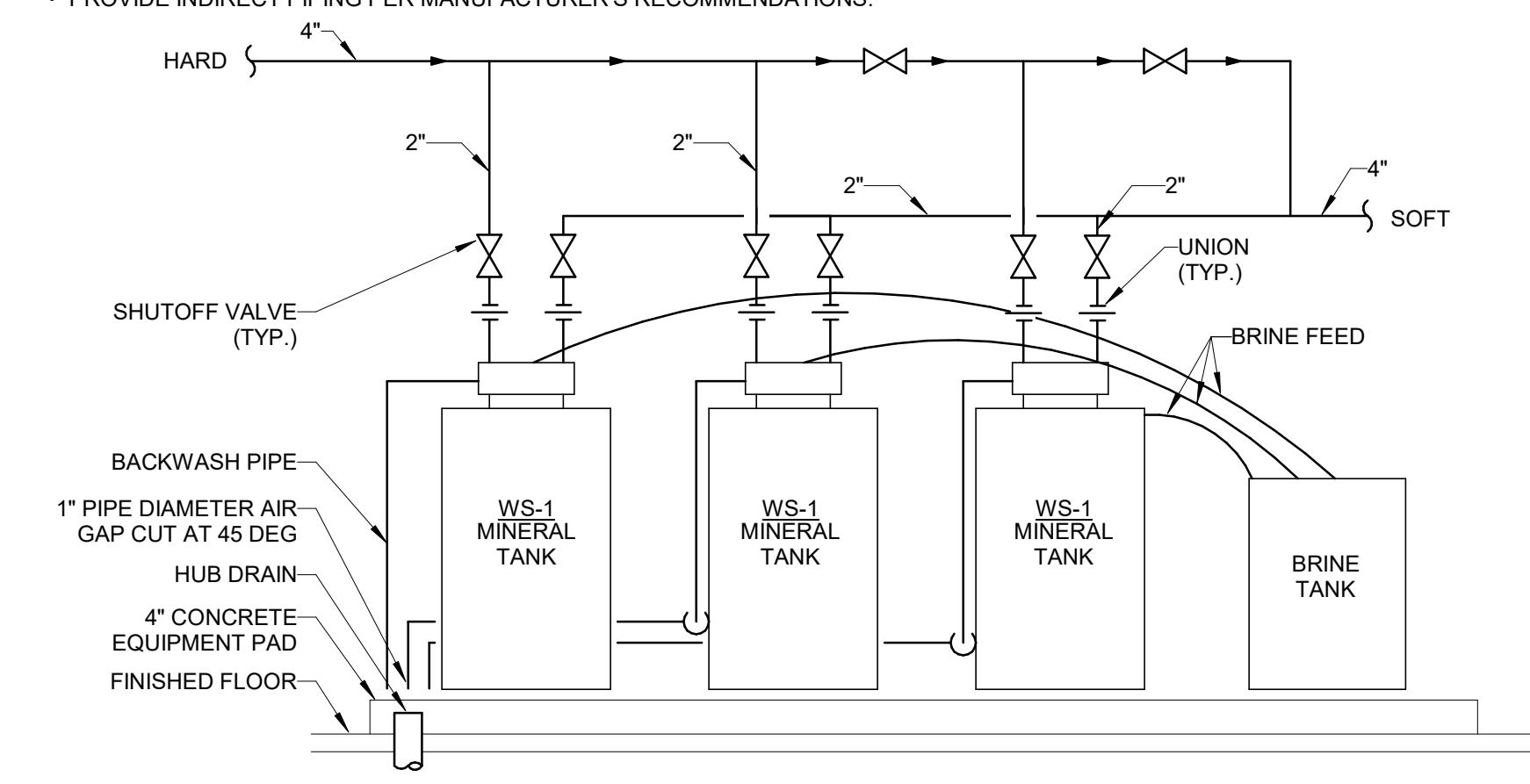


3 PIPE TRENCH DETAIL

P2.0 Scale: Not To Scale

4 WATER SOFTENER PIPING DETAIL

P2.0 Scale: Not To Scale



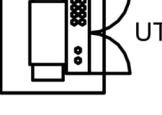
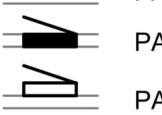
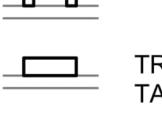
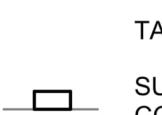
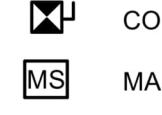
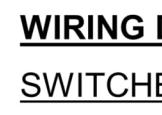
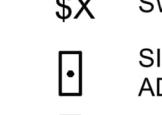
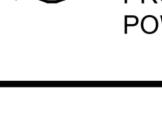
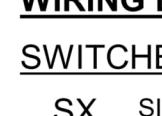
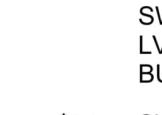
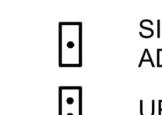
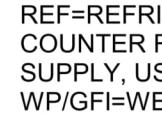
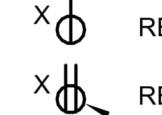
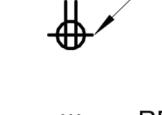
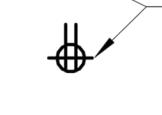
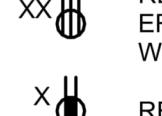
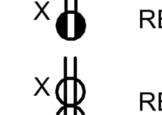
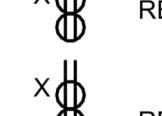
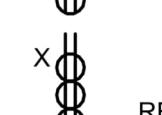
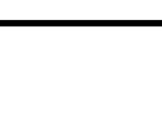
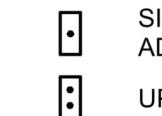
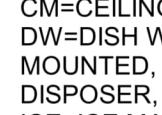
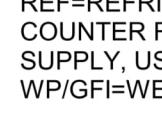
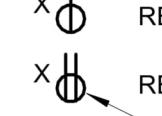
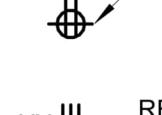
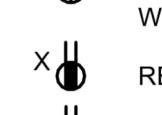
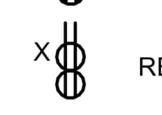
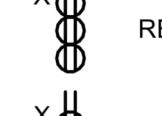
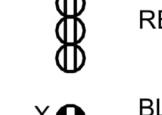
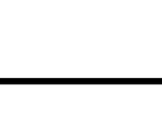
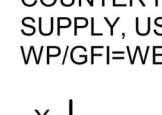
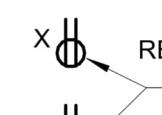
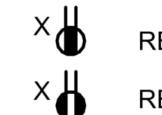
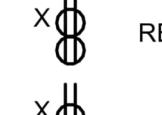
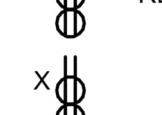
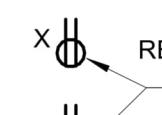
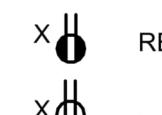
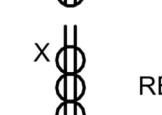
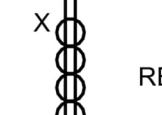
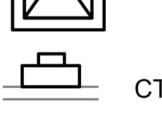
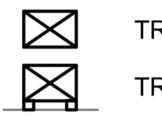
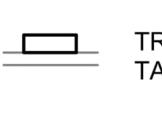
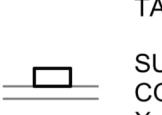
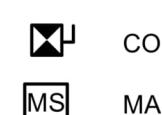
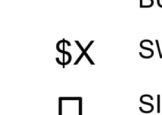
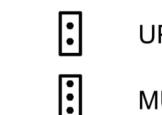
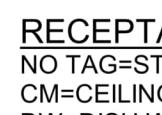
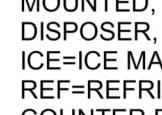
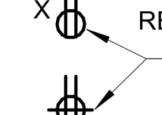
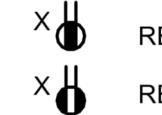
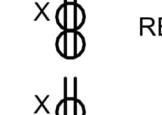
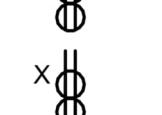
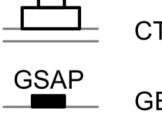
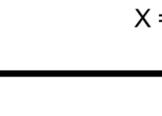
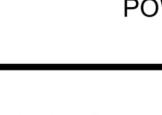
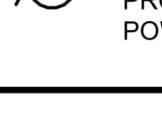
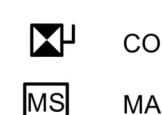
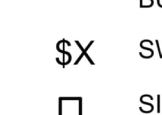
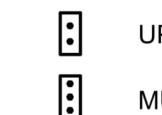
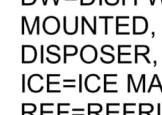
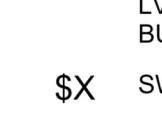
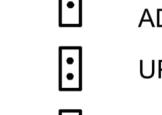
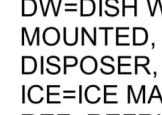
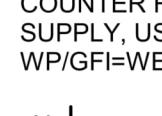
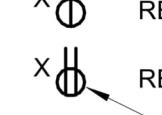
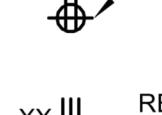
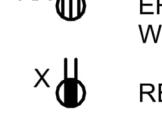
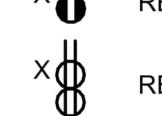
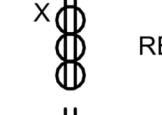
WATER SOFTENER SCHEDULE

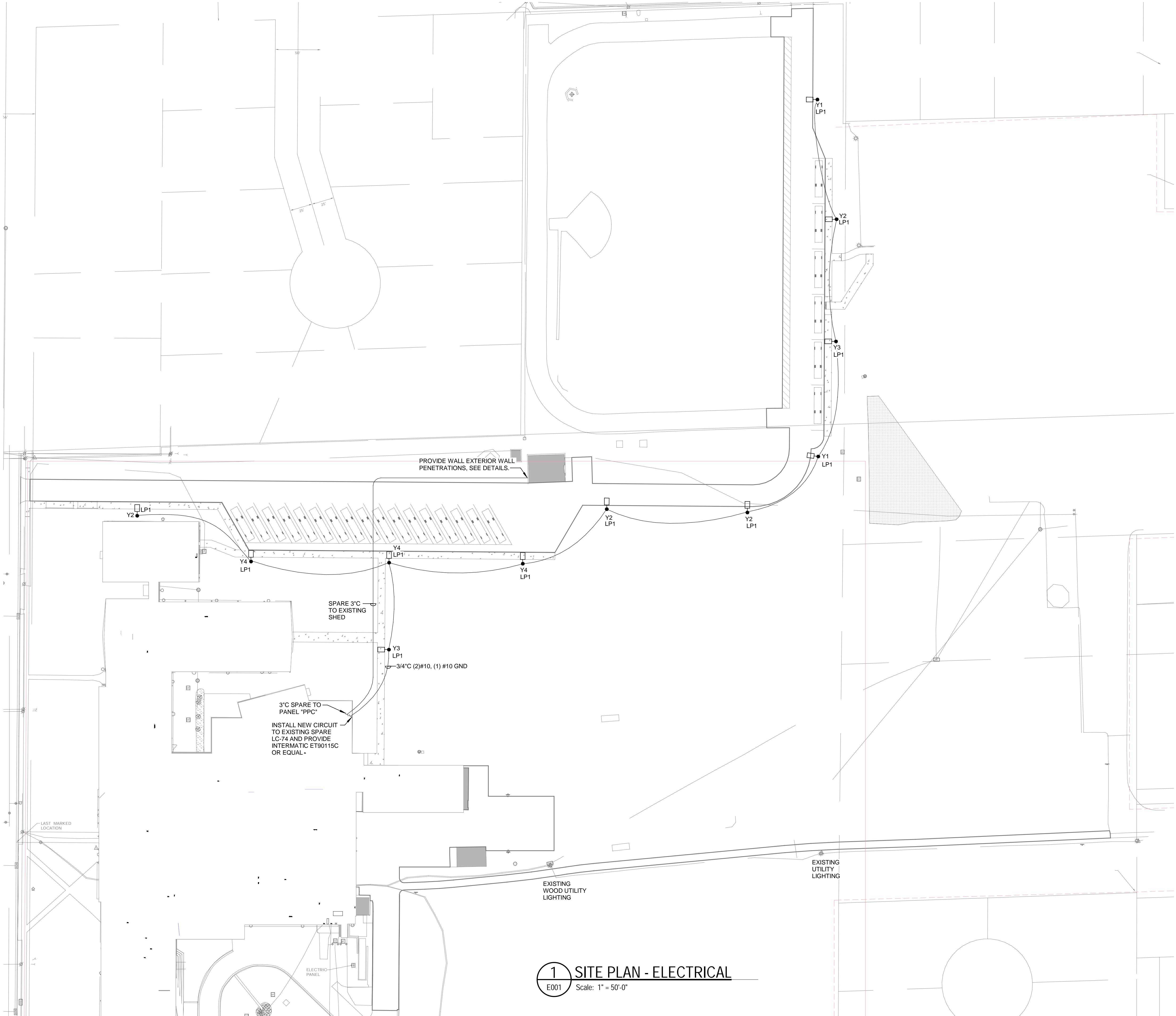
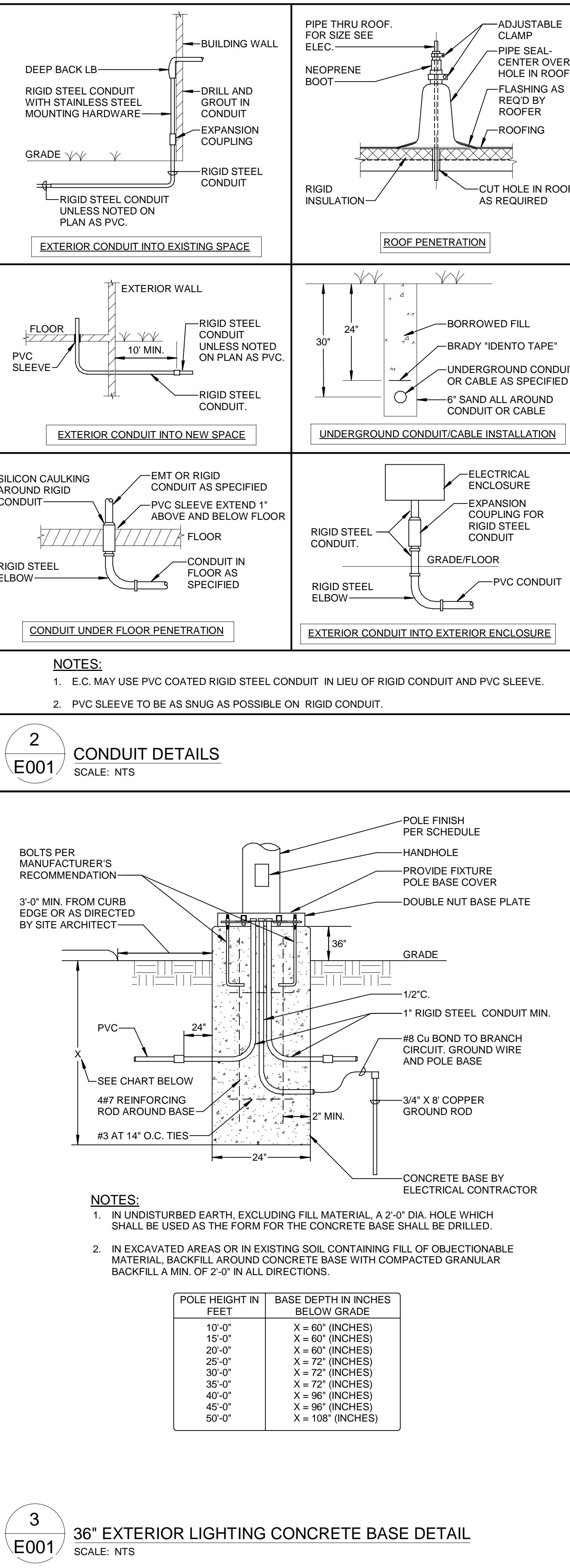
TAG	MANUFACTURER	MODEL	RESIN TANK		BRINE TANK		NOTES
			TYPE	FLOW (GPM)	PSIG LOSS (PSIG)	SIZE (DIA" x H")	
WS-1	CULLIGAN	CTM-150-2*	TRIPLEX	118	15	18" x 72"	24" x 50"

- ACCEPTABLE MANUFACTURERS: HELLENBRAND, CULLIGAN, WATER-RIGHT, WATER CONTROL CORPORATION.

- PROVIDE COMPLETE FILL OF BRINE TANK AT PROJECT COMPLETION.

- PROVIDE WATER QUALITY TEST TO ENGINEER FOR REVIEW PRIOR TO SHOP DRAWING SUBMITTAL.

ELECTRICAL SYMBOLS AND ABBREVIATIONS	
THIS IS A COMPREHENSIVE SYMBOL AND ABBREVIATION LIST - NOT ALL SYMBOLS ARE APPLICABLE TO THESE DRAWINGS.	
ELECTRICAL DISTRIBUTION EQUIPMENT	WIRING DEVICES
 UTILITY TRANSFORMER	MISCELLANEOUS
 UTILITY TRANSFORMER	SURFACE RACEWAY
 CT CABINET AND METER SOCKET	EQUIPMENT CONNECTION
 GSAP	SPECIAL OUTLET, TAG = NUMBER ON SCHEDULE
 PANEL - NEW SURFACE MOUNTED; TAG = "XX"	 PANEL - NEW FLUSH MOUNTED; TAG = "XX"
 PANEL - EXISTING SURFACE MOUNTED; TAG = "XX"	 PANEL - EXISTING FLUSH MOUNTED; TAG = "XX"
 TRANSFORMER - FLOOR MOUNT; TAG = "T-XX"	 TRANSFORMER - WALL MOUNT; TAG = "T-XX"
 TRANSFER SWITCH; TAGS = "ATS-XXX-Y", "MTS-XXX-Y"	TAGS XXX, 701=EMERGENCY SYSTEM 701=LEGALLY REQUIRED STANDBY SYSTEM 701=STANDBY SYSTEM
 SURGE PROTECTION DEVICE; TAG = SPD	TAG Y=SYSTEM NUMBER
 X = CONTACTOR NUMBER	CONDUIT STUB THROUGH WALL BUSHED EACH END
 CABLE TRAY	
MOTOR CONTROL	LIGHTING
 HEAVY DUTY DISCONNECT; TAG XX, WP=WEATHERPROOF, F=FUSIBLE	FIXTURES
 NON-COMBINATION STARTER	 LIGHT FIXTURE - POLE MOUNTED; TAG = TYPE IN FIXTURE SCHEDULE
 COMBINATION STARTER	 LIGHT FIXTURE - CEILING MOUNTED FLUSH OR SURFACE; TAG = TYPE IN FIXTURE SCHEDULE
 MS	 LIGHT FIXTURE - FLUSH OR SURFACE; TAG = TYPE IN FIXTURE SCHEDULE
 MOTOR OUTLET TERMINAL, ON ROOF MOUNTED UNITS PROVIDE WEATHERPROOF DISCONNECTS. X = HORSE POWER OR MOTOR NUMBER IF SCHEDULE IS PROVIDED	 EMERGENCY BATTERY UNIT LIGHT - WALL MOUNTED
 EMERGENCY BATTERY UNIT LIGHT - CEILING MOUNTED	 REMOTE EMERGENCY LIGHT
WIRING DEVICES	EXITS
 SX	 EXIT LIGHT - ONE FACE LINES REPRESENT WALL MOUNTED, NO LINES REPRESENT CEILING MOUNTED, TYPICAL ALL EXITS
 SINGLE PUSH BUTTON - ADA DOOR BUTTON	 EXIT LIGHT - ONE FACE WITH EMERGENCY HEADS ARROWS INDICATE DIRECTION TO EXIT
 UP/DN PUSH BUTTON	 EXIT LIGHT - TWO FACE
 MULTI PUSH BUTTON	
RECEPTACLES	SENSORS
NO TAG=STANDARD RECEPTACLE, TAGS X, ARC=ARC FAULT RATED, CM=CEILING MOUNTED, CW=CLOTHES WASHER, DE=EXTRA DEEP, DW=DEEP, ER=EXTRA DEEP, ER=EXTRA DEEP, ER=EXTRA DEEP, FR=MOUNTED FR-FREEZER, H=HOSPITAL GRADE, GD=GARBAGE DISPOSER, GF=GROUNDED FAULT INTERRUPTER, GR=GAS RANGE, ICE=ICE MACHINE, IG=ISOLATED GROUND, MIC=MICROWAVE, REL=RELAY, RE=RELAY, SP=SPAGE PROTECTED, U=UNDER COUNTER, UFR=UNDER COUNTER, DE=DEEP, UFR=UNDER COUNTER POWER SUPPLY, USE=UNIVERSAL SERIAL BUS, VM=VENDING MACHINE, WP=WEATHER PROOF/GROUND FAULT INTERRUPTER	 DUAL TECHNOLOGY OCCUPANCY SENSOR LINES REPRESENT WALL MOUNTED, NO LINES REPRESENT CEILING MOUNTED, TYPICAL ALL SENSORS
 SX	 MULTI DIRECTION DUAL TECHNOLOGY OCCUPANCY SENSOR
 U	 LONG THROW OCCUPANCY SENSOR
 HB	 HIGH BAY OCCUPANCY SENSOR
 PC	 PHOTOCELL
 B	 DAYLIGHT SENSOR
FIRE ALARM PANELS & FIRE ALARM SUPPORT ITEMS	FIRE ALARM PANELS & FIRE ALARM SUPPORT ITEMS
 FACP	 FIRE ALARM CONTROL PANEL
 FAAP	 FIRE ALARM ANNUNCIATOR PANEL, FLUSH OR SURFACE
 FAPS	 FIRE ALARM POWER SUPPLY
 FACC	 FIRE ALARM COMMAND CENTER WITH MICROPHONE
 FM	 FIRE ALARM MICROPHONE ENCLOSURE, FLUSH OR SURFACE
 RTS	 REMOTE TEST SWITCH
NOTIFICATION APPLIANCE	NOTIFICATION APPLIANCE
TAGS X=CANDELA LEVEL, EX=EXPLOSION PROOF, WP=WATERPROOF	TAGS X=CANDELA LEVEL, EX=EXPLOSION PROOF, WP=WATERPROOF
 RECEPTACLE - SINGLE OR SIMPLE	 RECEPTACLE - SINGLE OR SIMPLE
 RECEPTACLE - DUPLEX	 LINE INDICATES DEVICE MOUNTED AT 42" TO CENTER; NO LINE INDICATES DEVICE MOUNTED AT STANDARD HEIGHT UNLESS TAGGED OTHERWISE, TYPICAL ALL
 RECEPTACLE - DUPLEX MOUNTED ABOVE COUNTER	 RECEPTACLE - DUPLEX MOUNTED ABOVE COUNTER
 RECEPTACLE - DUPLEX WITH TOP HALF SWITCHED	 RECEPTACLE - DOUBLE DUPLEX
 RECEPTACLE - DUPLEX TRIPLE	RECEPTACLE - DUPLEX QUAD
B	BLANK OUTLET FOR FUTURE DEVICES 4" BOX, SINGLE GANG RING, BLANKPLATE, 1/2" STUBBED INTO ACCESSIBLE CEILING
MH	MAGNETIC DOOR HOLDER
EH	ELECTRIC DOOR HOLDER
CM	ADDRESSABLE CONTROL MODULE
INITIATION DEVICE	COMMUNICATION
 MTS	 MANUAL PULL STATION; TAG XX, LC=LEXAN COVER, EX=EXPLOSION PROOF, WP=WEATHERPROOF
 GD	 GAS DETECTOR
 HD	 HEAT DETECTOR
 SD	 SMOKE DETECTOR
 SDB	 SMOKE DETECTOR WITH SOUNDER BASE
 DSD	 DUCT SMOKE DETECTOR
 ESD	 ELEVATOR SMOKE DETECTOR
 CM	 CARBON MONOXIDE DETECTOR
 SFS	 SPRINKLER FLOW SWITCH
 SPS	 SPRINKLER PRESSURE SWITCH
 STS	 SPRINKLER TAMPER SWITCH
 AMM	 ADDRESSABLE MONITOR MODULE
CLOCKS	GENERAL
 CW	 CLOCK - WALL MOUNTED - SINGLE FACE
 CTW	 CLOCK - WALL MOUNTED - TWO FACE
 CCSW	 CLOCK - CEILING SURFACE MOUNTED - TWO FACE
 CSB	 CLOCK - SPEAKER BAFFLE - COMBINATION
DATA RACKS	ANNOTATION SYMBOLS
 DR2	 TAGS XX, NO TAG=ANALOG, DI=DIGITAL, DS=DIGITAL W/ DATA & W/SPEAKER, DSF=DIGITAL W/SPEAKER & FLASHER, DIF=DIGITAL VIDEO DISPLAY WITH DATA, IP=INFRASTRUCTURE WG=WIRE GUARD
 DR4	 CLOCK XX, NO TAG=NO PLAN NOTE NUMBER
 DRW	 XXX = SPECIALTY EQUIPMENT REFERENCE TAG
 DRW	 XX = DETAIL NUMBER
 GB	 XXX = SHEET NO. WHERE DETAIL IS LOCATED
DATA / IP PHONE, WAP & TELEPHONE DEVICES	LINE LEGEND
 DIP	 CIRCUIT HOMERUN TO 20A/1P BREAKER UNLESS SHOWN OTHERWISE ON DRAWINGS.
 DIP42	 INDICATES ITEMS CONNECTED TO SAME CIRCUIT BUT CONTROLLED SEPARATELY
 WAP X	 INDICATES ITEMS CONNECTED TO SAME CIRCUIT AND CONTROLLED TOGETHER
 TWC	
 TWC	
SECURITY	ABBREVIATIONS
DOOR CONTROL	SECURITY
 AII	 2 WAY INTERCOM SYSTEM DOOR STATION
 AMI	 2 WAY INTERCOM SYSTEM MASTER STATION
 ADO	 AUTOMATIC DOOR OPENER
 CR	 CARD READER
 DB	 DURESS BUTTON
 DPC	 DOOR POSITION SWITCH
 DP	 DOOR POSITION SWITCH
 EL	 ELECTRIC TRIM LATCH
 ES	 ELECTRIC DOOR STRIKE
GS	GLASS BREAK SENSOR
KP	<img alt="Key Pad symbol" data-b



WHITEWATER MIDDLE SCHOOL - FIXTURE SCHEDULE							
TYPE	DESCRIPTION	LUMENS DEL.	LAMP TYPE	WATTS	MANUFACTURER	CATALOG NUMBER	NOTE
Y1	POLE MOUNTED AREA LIGHT W/BACK LIGHT CONTROL	10,000	4000K LED	104	LITHONIA	DSX1 LED P3 40K 70CRI BLC2	
Y2	POLE MOUNTED AREA LIGHT	14,000	4000K LED	104	MCGRAW-EDISON	GALN-SA2A-740-U-SL-BZ	
Y3	POLE MOUNTED AREA LIGHT	13,000	4000K LED	104	LITHONIA	DSX1 LED P3 40K 70CRI T2W	
Y4	POLE MOUNTED AREA LIGHT W/HOUSE SIDE SHEILD	13,500	4000K LED	104	MCGRAW-EDISON	GALN-SA2A-740-U-T4FT-BZ	
LP1	22 SQUARE STRAIGHT POLE W/BASE	-	-	-	UTILITY METALS	SSS4-11-22-5G-DM19AS-VD-DBLXD	2
	UNIVERSAL SINGLE/DOUBLE FACE EXIT RED LETTERS	-	LED	2	ULSI	RPSQ-22-4-11-AB-D1-NB	1
					SURELITES	LPX6	

GENERAL NOTES:

1. SEE SPECIFICATIONS FOR FIXTURE REQUIREMENTS
2. ALL INTERIOR LED FIXTURES TO HAVE A MINIMUM CRI OF 80+. ALL EXTERIOR LED FIXTURES TO HAVE A MINIMUM CRI OF 70+.
3. MOUNT FIXTURES AT HEIGHT INDICATED ON DRAWINGS UNLESS NOTED OTHERWISE.
4. ARCHITECT TO SELECT AND APPROVE ALL FINISHES FOR LIGHT FIXTURES, AND FIXTURE ACCESSORIES.
5. PROVIDE GYR FLANGE WHERE FIXTURES ARE NOT LOCATED IN ACT TILE CEILINGS.

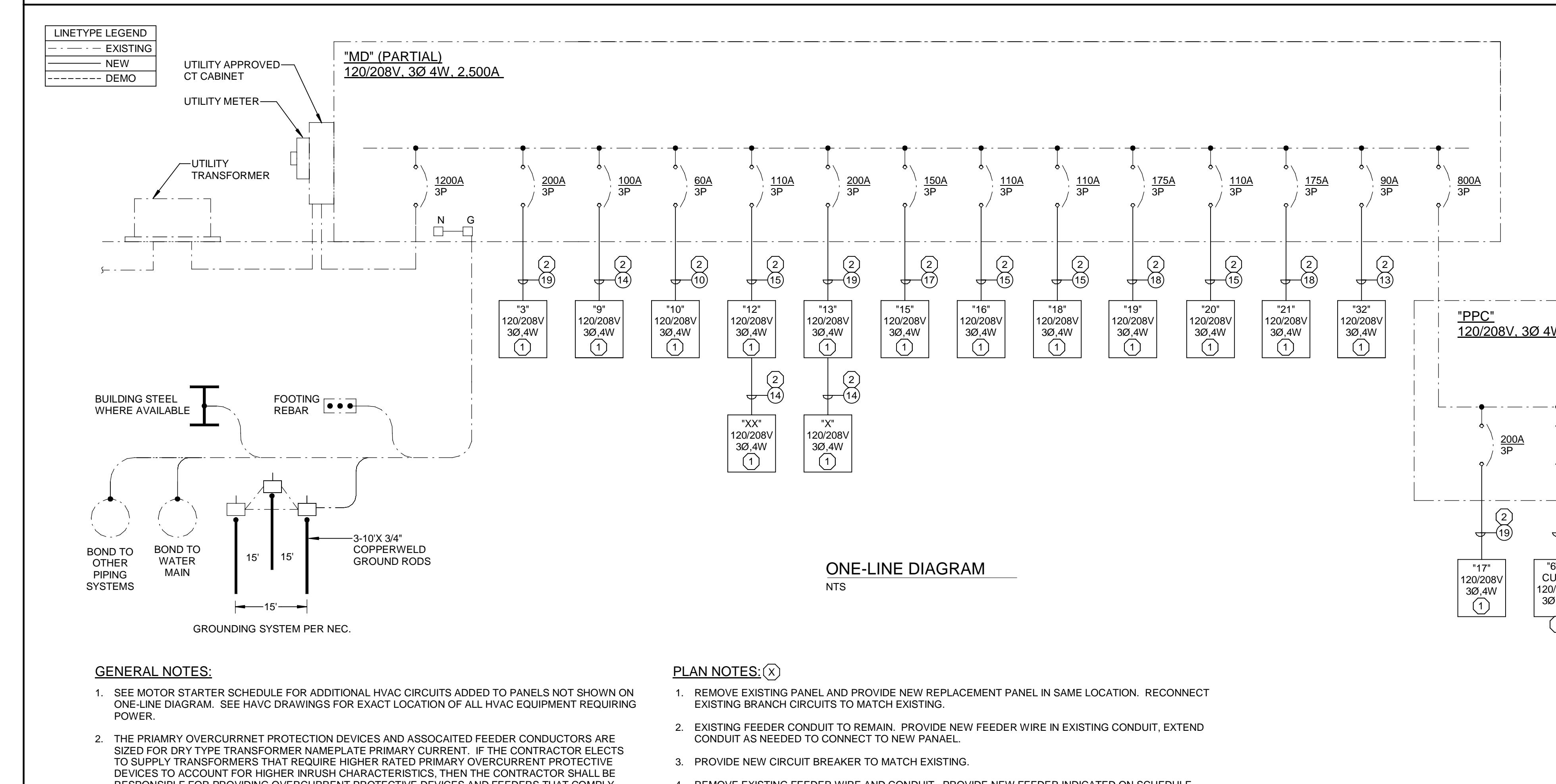
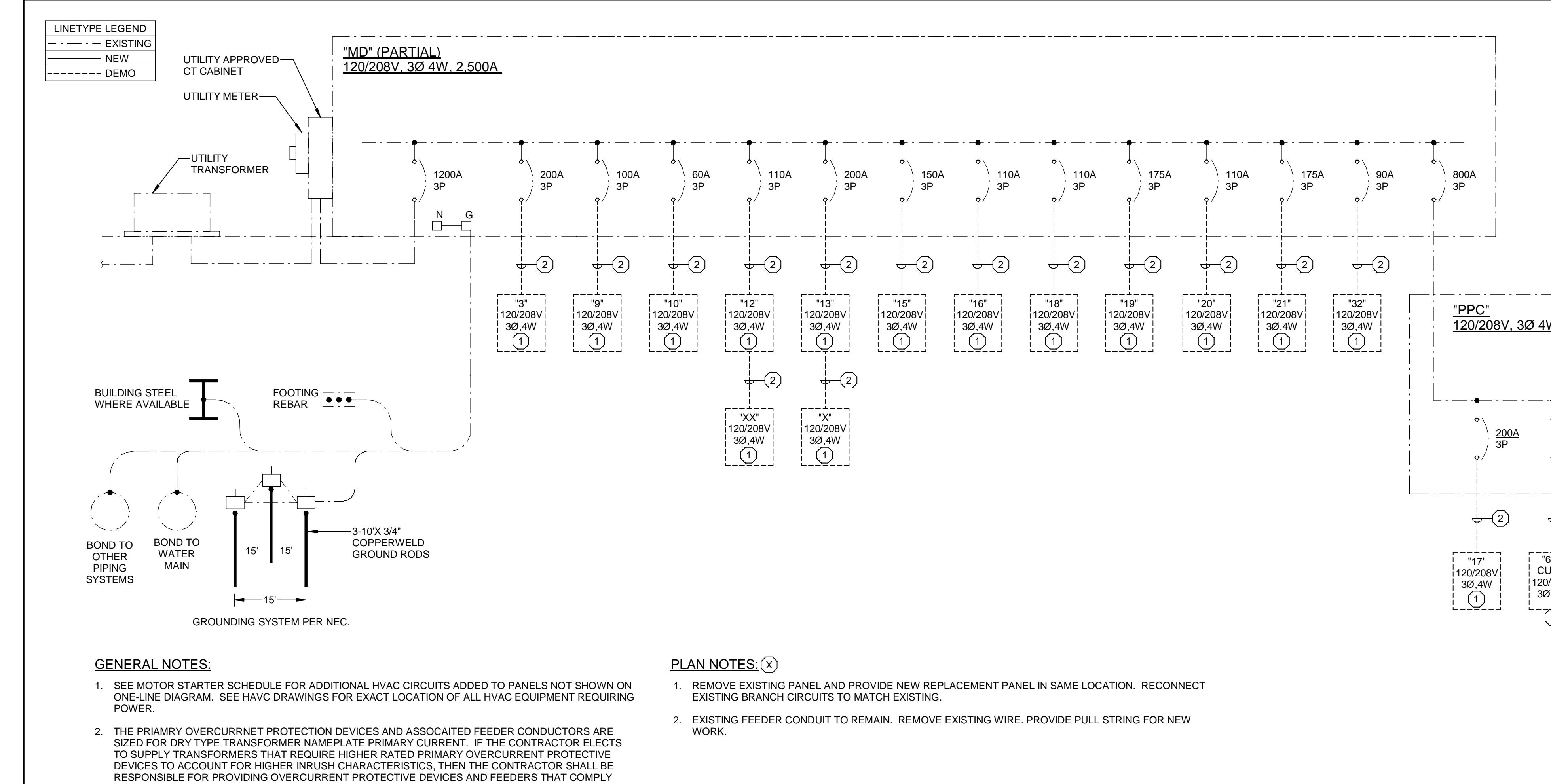
PLAN NOTES:

1. PROVIDE DIRECTION ARROWS AND MOUNTING METHODS AS INDICATED ON PLANS. PROVIDE WIREGUARD IN GYMS OR WHERE NOTED ON PLANS.
2. PROVIDE VIBRATION DAMPENER. PROVIDE CONCRETE POLE BASE PER DETAIL 1/E302.

FEEDER SCHEDULE						
IDENTIFIER	AMPACITY	1Ø TWO-WIRE CIRCUIT		1Ø OR 3Ø THREE-WIRE CIRCUIT		EQUIPMENT GROUNDING CONDUCTOR
		CONDUIT	CIRCUIT CONDUCTORS	CONDUIT	CIRCUIT CONDUCTORS	
COPPER CONDUCTORS						
1	10	3/4"	(2) #12	3/4"	(3) #12	(4) #12 #12
2	15	3/4"	(2) #12	3/4"	(3) #12	(4) #12 #12
3	20	3/4"	(2) #12	3/4"	(3) #12	(4) #12 #12
4	25	3/4"	(2) #10	3/4"	(3) #10	(4) #10 #10
5	30	3/4"	(2) #10	3/4"	(3) #10	(4) #10 #10
6	35	3/4"	(2) #8	3/4"	(3) #8	(4) #8 #10
7	40	3/4"	(2) #8	3/4"	(3) #8	(4) #8 #10
8	45	3/4"	(2) #8	3/4"	(3) #8	(4) #8 #10
9	50	3/4"	(2) #8	3/4"	(3) #8	(4) #8 #10
10	60	3/4"	(2) #6	3/4"	1"	(4) #6 #10
11	70	1"	(2) #4	1"	(3) #4	1-1/4" #8
12	80	1"	(2) #4	1"	(3) #4	1-1/4" #8
13	90	1"	(2) #3	1"	(3) #3	1-1/4" #8
14	100	1-1/4"	(2) #3	1-1/4"	(3) #3	1-1/4" #8
ALUMINUM CONDUCTORS						
15	110	1-1/4"	(2) #1/0	1"	(3) #10	2" (4) #1/0 #4
16	125	1-1/2"	(2) #2/0	2"	(3) #20	2" (4) #2/0 #4
17	150	1-1/2"	(2) #3/0	2"	(3) #30	2" (4) #3/0 #4
18	175	N/A	N/A	2"	(3) #40	2-1/2" (4) #40 #4
19	200	N/A	N/A	2-1/2"	(3) 250KCMIL	2-1/2" (4) 250KCMIL #4
20	225	N/A	N/A	2-1/2"	(3) 300KCMIL	2-1/2" (4) 300KCMIL #2
21	250	N/A	N/A	2-1/2"	(3) 350KCMIL	3" (4) 350KCMIL #2
22	300	N/A	N/A	3"	(3) 500 KCMIL	3" (4) 500 KCMIL #2
23	350	N/A	N/A	(2) 2"	2 SETS OF (3) #40	(2) 2-1/2" 2 SETS OF (4) #40 #1
24	400	N/A	N/A	(2) 2-1/2"	2 SETS OF (3) 250KCMIL	(2) 2-1/2" 2 SETS OF (4) 250KCMIL #1
25	450	N/A	N/A	(2) 2-1/2"	2 SETS OF (3) 300KCMIL	(2) 2-1/2" 2 SETS OF (4) 300KCMIL #1/0
26	500	N/A	N/A	(2) 2-1/2"	2 SETS OF (3) 350KCMIL	(2) 3" 2 SETS OF (4) 350KCMIL #1/0
27	600	N/A	N/A	(2) 3"	2 SETS OF (3) 500KCMIL	(2) 3 1/2" 2 SETS OF (4) 500KCMIL #2/0
28	700	N/A	N/A	(3) 2-1/2"	3 SETS OF (3) 350KCMIL	(3) 3" 3 SETS OF (4) 350KCMIL #3/0
29	800	N/A	N/A	(4) 2-1/2"	4 SETS OF (3) 250KCMIL	(4) 2-1/2" 4 SETS OF (4) 250KCMIL #3/0
30	900	N/A	N/A	(4) 2-1/2"	4 SETS OF (3) 300KCMIL	(4) 2-1/2" 4 SETS OF (4) 300KCMIL #4/0
31	1000	N/A	N/A	(4) 2-1/2"	4 SETS OF (3) 350KCMIL	(4) 3" 4 SETS OF (4) 350KCMIL #4/0
32	1200	N/A	N/A	(4) 3"	4 SETS OF (3) 500KCMIL	(4) 3-1/2" 4 SETS OF (4) 500KCMIL 250KCMIL
33	1600	N/A	N/A	(6) 2-1/2"	6 SETS OF (3) 400KCMIL	(6) 3" 6 SETS OF (4) 400KCMIL 350KCMIL
34	1800	N/A	N/A	(6) 3"	6 SETS OF (3) 500KCMIL	(6) 3-1/2" 6 SETS OF (4) 500KCMIL 400KCMIL
35	2000	N/A	N/A	(6) 3"	6 SETS OF (3) 600KCMIL	(6) 3-1/2" 6 SETS OF (4) 600KCMIL 400KCMIL
36	2500	N/A	N/A	(8) 3"	8 SETS OF (3) 600KCMIL	(8) 3-1/2" 8 SETS OF (4) 600KCMIL 600KCMIL
37	3000	N/A	N/A	(10) 3-1/2"	10 SETS OF (3) 500KCMIL	(10) 3-1/2" 10 SETS OF (4) 500KCMIL 600KCMIL
38	4000	N/A	N/A	(12) 3-1/2"	12 SETS OF (3) 600KCMIL	(12) 4" 12 SETS OF (4) 600KCMIL 800KCMIL

PLAN NOTATION:

- SINGLE-PHASE, TWO-WIRE FEEDER, NUMBER IS THE FEEDER IDENTIFIER
- SINGLE OR THREE-PHASE, THREE-WIRE FEEDER, NUMBER IS THE FEEDER IDENTIFIER
- THREE-PHASE, FOUR-WIRE FEEDER, NUMBER IS THE FEEDER IDENTIFIER



GENERAL NOTES:

- SEE MOTOR STARTER SCHEDULE FOR ADDITIONAL HVAC CIRCUITS ADDED TO PANELS NOT SHOWN ON ONE-LINE DIAGRAM. SEE HVAC DRAWINGS FOR EXACT LOCATION OF ALL HVAC EQUIPMENT REQUIRING POWER.

- THE PRIMARY OVERCURRENT PROTECTION DEVICES AND ASSOCIATED FEEDER CONDUCTORS ARE SIZED FOR DRY TYPE TRANSFORMER NAMEPLATE PRIMARY CURRENT. IF THE CONTRACTOR ELECTS TO USE OTHER TYPES OF TRANSFORMERS, REFER TO THE RATED PRIMARY OVERCURRENT PROTECTIVE DEVICES TO ACCOUNT FOR HIGHER INRUSH CHARACTERISTICS. THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING OVERCURRENT PROTECTIVE DEVICES AND FEEDERS THAT COMPLY WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO SPECIFICATIONS.

PLAN NOTES: (X)

- REMOVE EXISTING PANEL AND PROVIDE NEW REPLACEMENT PANEL IN SAME LOCATION. RECONNECT EXISTING BRANCH CIRCUITS TO MATCH EXISTING.

- EXISTING FEEDER CONDUIT TO REMAIN. REMOVE EXISTING WIRE. PROVIDE PULL STRING FOR NEW WORK.

GENERAL NOTES:

- SEE MOTOR STARTER SCHEDULE FOR ADDITIONAL HVAC CIRCUITS ADDED TO PANELS NOT SHOWN ON ONE-LINE DIAGRAM. SEE HVAC DRAWINGS FOR EXACT LOCATION OF ALL HVAC EQUIPMENT REQUIRING POWER.

- THE PRIMARY OVERCURRENT PROTECTION DEVICES AND ASSOCIATED FEEDER CONDUCTORS ARE SIZED FOR DRY TYPE TRANSFORMER NAMEPLATE PRIMARY CURRENT. IF THE CONTRACTOR ELECTS TO USE OTHER TYPES OF TRANSFORMERS THAT REQUIRE HIGHER RATED PRIMARY OVERCURRENT PROTECTIVE DEVICES TO ACCOUNT FOR HIGHER INRUSH CHARACTERISTICS, THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING OVERCURRENT PROTECTIVE DEVICES AND FEEDERS THAT COMPLY WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO SPECIFICATIONS.

PLAN NOTES: (X)

- REMOVE EXISTING PANEL AND PROVIDE NEW REPLACEMENT PANEL IN SAME LOCATION. RECONNECT EXISTING BRANCH CIRCUITS TO MATCH EXISTING.

- EXISTING FEEDER CONDUIT TO REMAIN. PROVIDE NEW FEEDER WIRE IN EXISTING CONDUIT, EXTEND CONDUIT AS NEEDED TO CONNECT TO NEW PANEL.

- PROVIDE NEW CIRCUIT BREAKER TO MATCH EXISTING.

- REMOVE EXISTING FEEDER WIRE AND CONDUIT. PROVIDE NEW FEEDER INDICATED ON SCHEDULE.

PANEL SCHEDULE -- PANEL: "10" VOLT 120/208 Ø 3 WIRE 4 LOCATION: BUS SIZE 100A MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE 100A <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input type="checkbox"/> SURFACE AIC <input type="checkbox"/> MANUFACTURE SQUARE D <input checked="" type="checkbox"/> FLUSH MODEL NO	PANEL SCHEDULE -- PANEL: "12" VOLT 120/208 Ø 3 WIRE 4 LOCATION: BUS SIZE 225A MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE 100A <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input type="checkbox"/> SURFACE AIC <input type="checkbox"/> MANUFACTURE SQUARE D <input checked="" type="checkbox"/> FLUSH MODEL NO	PANEL SCHEDULE -- PANEL: "13" VOLT 120/208 Ø 3 WIRE 4 LOCATION: BUS SIZE 100A MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE 100A <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input type="checkbox"/> SURFACE AIC <input type="checkbox"/> MANUFACTURE SQUARE D <input checked="" type="checkbox"/> FLUSH MODEL NO	PANEL SCHEDULE -- PANEL: "15" VOLT 120/208 Ø 3 WIRE 4 LOCATION: BUS SIZE 225A MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE 100A <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input type="checkbox"/> SURFACE AIC <input type="checkbox"/> MANUFACTURE SQUARE D <input checked="" type="checkbox"/> FLUSH MODEL NO	PANEL SCHEDULE -- PANEL: "16" VOLT 120/208 Ø 3 WIRE 4 LOCATION: BUS SIZE 225A MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE 100A <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input type="checkbox"/> SURFACE AIC <input type="checkbox"/> MANUFACTURE SQUARE D <input checked="" type="checkbox"/> FLUSH MODEL NO
WITH THE FOLLOWING BREAKERS: QUANTITY POLE AMPS LOAD SERVED	WITH THE FOLLOWING BREAKERS: QUANTITY POLE AMPS LOAD SERVED	WITH THE FOLLOWING BREAKERS: QUANTITY POLE AMPS LOAD SERVED	WITH THE FOLLOWING BREAKERS: QUANTITY POLE AMPS LOAD SERVED	WITH THE FOLLOWING BREAKERS: QUANTITY POLE AMPS LOAD SERVED
20 1 20 EXISTING LOADS SPACES	1 3 100 PM, XX 20 EXISTING LOADS 40 EXISTING LOADS 20 EXISTING LOADS 20 EXISTING LOADS	1 2 30 EXISTING LOAD 20 EXISTING LOADS 20 EXISTING LOADS SPACES	30 1 20 EXISTING LOADS SPACES	1 3 20 EXISTING LOADS SPACES
30 CKT TUB	42 CKT TUB	30 CKT TUB	42 CKT TUB	30 CKT TUB
PANEL SCHEDULE -- PANEL: "17" VOLT 120/208 Ø 3 WIRE 4 LOCATION: BUS SIZE 225A MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE 100A <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input type="checkbox"/> SURFACE AIC <input type="checkbox"/> MANUFACTURE SQUARE D <input checked="" type="checkbox"/> FLUSH MODEL NO	PANEL SCHEDULE -- PANEL: "18" VOLT 120/208 Ø 3 WIRE 4 LOCATION: BUS SIZE 225A MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE 100A <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input type="checkbox"/> SURFACE AIC <input type="checkbox"/> MANUFACTURE SQUARE D <input checked="" type="checkbox"/> FLUSH MODEL NO	PANEL SCHEDULE -- PANEL: "19" VOLT 120/208 Ø 3 WIRE 4 LOCATION: BUS SIZE 100A MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE 100A <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input type="checkbox"/> SURFACE AIC <input type="checkbox"/> MANUFACTURE SQUARE D <input checked="" type="checkbox"/> FLUSH MODEL NO	PANEL SCHEDULE -- PANEL: "20" VOLT 120/208 Ø 3 WIRE 4 LOCATION: BUS SIZE 225A MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE 100A <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input type="checkbox"/> SURFACE AIC <input type="checkbox"/> MANUFACTURE SQUARE D <input checked="" type="checkbox"/> FLUSH MODEL NO	PANEL SCHEDULE -- PANEL: "21" VOLT 120/208 Ø 3 WIRE 4 LOCATION: BUS SIZE 225A MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE 100A <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input type="checkbox"/> SURFACE AIC <input type="checkbox"/> MANUFACTURE SQUARE D <input checked="" type="checkbox"/> FLUSH MODEL NO
WITH THE FOLLOWING BREAKERS: QUANTITY POLE AMPS LOAD SERVED	WITH THE FOLLOWING BREAKERS: QUANTITY POLE AMPS LOAD SERVED	WITH THE FOLLOWING BREAKERS: QUANTITY POLE AMPS LOAD SERVED	WITH THE FOLLOWING BREAKERS: QUANTITY POLE AMPS LOAD SERVED	WITH THE FOLLOWING BREAKERS: QUANTITY POLE AMPS LOAD SERVED
1 3 50 EXISTING LOAD 60 EXISTING LOADS 1 2 30 EXISTING LOAD 20 EXISTING LOADS 1 2 20 EXISTING LOADS 12 1 20 EXISTING LOADS SPACES	1 2 60 EXISTING LOAD 20 EXISTING LOADS	1 2 30 EXISTING LOAD 20 EXISTING LOADS SPACES	42 1 20 EXISTING LOADS	64 1 20 EXISTING LOADS SPACES
60 CKT DOUBLE TUB	42 CKT TUB	42 CKT TUB	42 CKT TUB	72 CKT TUB
PANEL SCHEDULE -- PANEL: "32" VOLT 120/208 Ø 3 WIRE 4 LOCATION: BUS SIZE 100A MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE 100A <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input type="checkbox"/> SURFACE AIC <input type="checkbox"/> MANUFACTURE SQUARE D <input checked="" type="checkbox"/> FLUSH MODEL NO	PANEL SCHEDULE -- PANEL: "X" VOLT 120/208 Ø 3 WIRE 4 LOCATION: BUS SIZE 100A MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE 100A <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input type="checkbox"/> SURFACE AIC <input type="checkbox"/> MANUFACTURE SQUARE D <input checked="" type="checkbox"/> FLUSH MODEL NO	PANEL SCHEDULE -- PANEL: "XX" VOLT 120/208 Ø 3 WIRE 4 LOCATION: BUS SIZE 100A MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE 100A <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input type="checkbox"/> SURFACE AIC <input type="checkbox"/> MANUFACTURE SQUARE D <input checked="" type="checkbox"/> FLUSH MODEL NO	PANEL SCHEDULE -- PANEL: "6TH CLASS" VOLT 120/208 Ø 3 WIRE 4 LOCATION: BUS SIZE 100A MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE 100A <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input type="checkbox"/> SURFACE AIC <input type="checkbox"/> MANUFACTURE SQUARE D <input checked="" type="checkbox"/> FLUSH MODEL NO	PANEL SCHEDULE -- PANEL: "6TH CUST" VOLT 120/208 Ø 3 WIRE 4 LOCATION: BUS SIZE 100A MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE 100A <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input type="checkbox"/> SURFACE AIC <input type="checkbox"/> MANUFACTURE SQUARE D <input checked="" type="checkbox"/> FLUSH MODEL NO
WITH THE FOLLOWING BREAKERS: QUANTITY POLE AMPS LOAD SERVED	WITH THE FOLLOWING BREAKERS: QUANTITY POLE AMPS LOAD SERVED	WITH THE FOLLOWING BREAKERS: QUANTITY POLE AMPS LOAD SERVED	WITH THE FOLLOWING BREAKERS: QUANTITY POLE AMPS LOAD SERVED	WITH THE FOLLOWING BREAKERS: QUANTITY POLE AMPS LOAD SERVED
24 1 20 EXISTING LOADS SPACES	1 3 50 EXISTING LOAD 20 EXISTING LOADS 1 2 60 EXISTING LOAD 20 EXISTING LOADS 34 1 20 EXISTING LOADS	5 2 20 EXISTING LOADS 20 EXISTING LOADS	64 1 20 EXISTING LOADS SPACES	1 2 20 EXISTING LOADS SPACES
30 CKT TUB	42 CKT TUB	18 CKT TUB	84 CKT DOUBLE TUB	42 CKT TUB