

CAPITAL MAINTENANCE TO

WHITEWATER MIDDLE SCHOOL

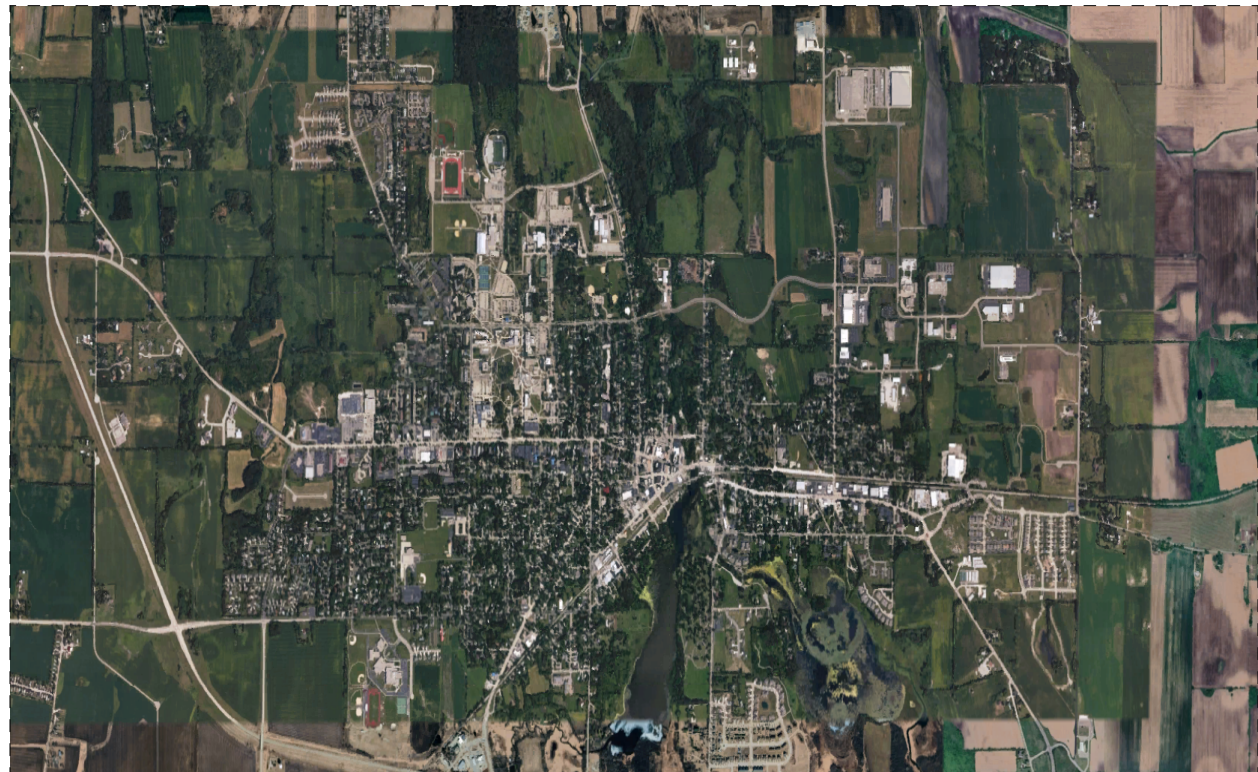
Whitewater Unified School District

401 S Elizabeth St

Whitewater, WI 53190

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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BRAY
ARCHITECTS

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

Sheboygan • Davenport
Moline • Saint Paul

www.brayarch.com

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ISSUANCES + REVISIONS:

DATE DESCRIPTION

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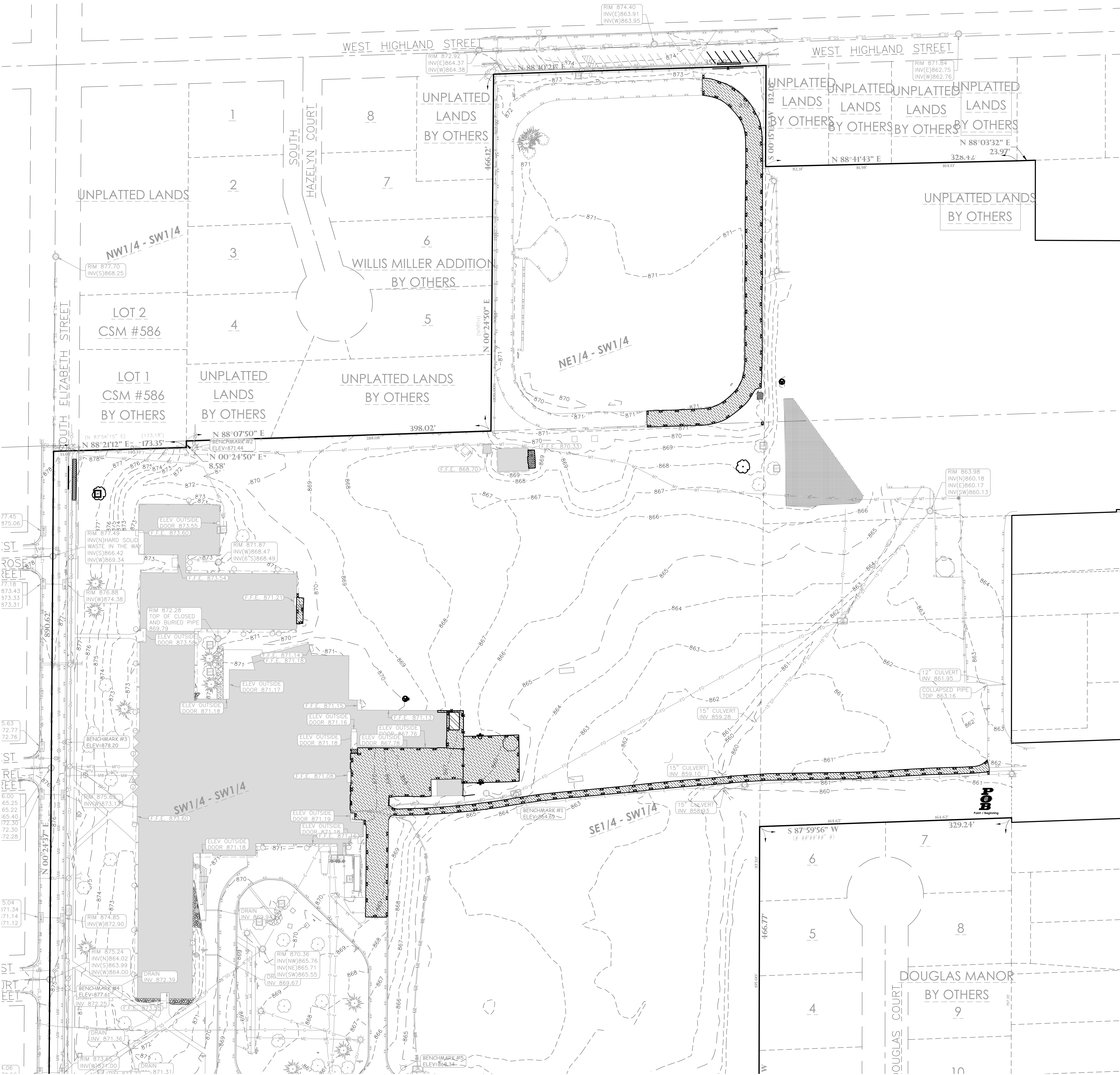
3705

Sheet Title:

COVER SHEET

Sheet Number:

G0.0



BENCHMARK:

ELEVATIONS ARE REFERENCED TO NGVD 29 DATUM.

BENCHMARK #1
600 SPIKE ON NORTH SIDE OF POWER POLE,
LOCATED APPROXIMATELY 70 FEET EAST 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 BUILDING.
ELEVATION = 871.44

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

BENCHMARK #4
ARROW BOLT ON HYDRANT, LOCATED ON THE EAST SIDE OF THE INTERSECTION OF SOUTH ELIZABETH STREET AND WEST COURT STREET.
ELEVATION = 877.61

BENCHMARK #5
ARROW BOLT ON HYDRANT, LOCATED APPROXIMATELY 175 FEET NORTHWEST OF THE NORTHWEST CORNER OF THE WHITEWATER UNITED SCHOOL DISTRICT CENTRAL OFFICE BUILDING.
ELEVATION = 868.34

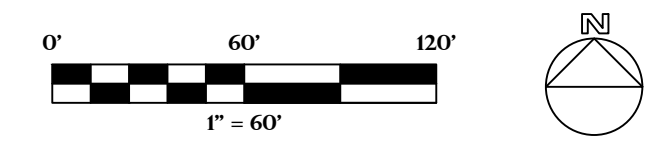
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- GENERAL NOTES:**
1. CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
 2. ALL DEMOLITION MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER EXCEPT FOR THOSE ITEMS NOTED TO BE SALVAGED, WHICH SHOULD BE TURNED OVER TO THE OWNER.
 3. 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.
 4. BIDDERS SHALL VISIT THE SITE AND REVIEW EXISTING CONDITIONS PRIOR TO THE BID DATE.
 5. ANY EXISTING PUBLIC & PRIVATE UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED, AND/OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE GRADING CONTRACTOR.
 6. COORDINATE ALL PRIVATE & PUBLIC UTILITY REMOVAL, DISCONNECTION, &/OR RECONNECTION WITH RESPECTIVE UTILITY COMPANIES PRIOR TO BEGINNING WORK.
 7. COORDINATE UTILITY SERVICE DISCONNECTIONS/OUTAGES WITH OWNER AND ANY IMPACTED NEIGHBORS. MINIMIZE DISRUPTIONS TO THE MAXIMUM EXTENT PRACTICAL.
 8. 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.
 9. STRIP TOPSOIL WITHIN THE PROJECT LIMITS IN ACCORDANCE WITH THE PROJECT MANUAL SPECIFICATIONS.
 10. IF STRIPPED TOPSOIL IS STOCKPILED ON SITE, SILT FENCE SHALL BE INSTALLED AROUND THE BASE OF THE STOCKPILE TO PREVENT SEDIMENT TRANSPORT.
 11. PRIOR TO PERFORMING WORK WITHIN PUBLIC RIGHT OF WAYS, NOTIFY AND COORDINATE WORK WITH THE LOCAL MUNICIPALITY.
 12. MAINTAIN TRAFFIC CIRCULATION TO ALL NEIGHBORING PROPERTIES SHOWN ON THIS DOCUMENT. COORDINATE ALL WORK WITH NEIGHBORING PROPERTY OWNERS.

- DEMOLITION HATCH PATTERNS:**
- BITUMINOUS REMOVAL
 - CONCRETE REMOVAL
 - BUILDING REMOVAL

- CIVIL SHEET INDEX:**
- C1.0 OVERALL DEMOLITION PLAN
 - C1.1 WEST DEMOLITION PLAN
 - C1.2 EAST DEMOLITION PLAN
 - C1.3 NORTH DEMOLITION PLAN
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Sheboygan • Davenport
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www.brayarch.com

Civil Engineering
Land Surveying
Landscape Architecture

4941 Kirschling Court
Stevens Point, WI 54481
715.344.9999 (PH) 715.344.9922 (FX)
PCB Project: 25.0087
Drawn: JLL Checked: JLL

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

ENGINEERING
DESIGN BY:
POB
Point of Beginning

ISSUANCES + REVISIONS:

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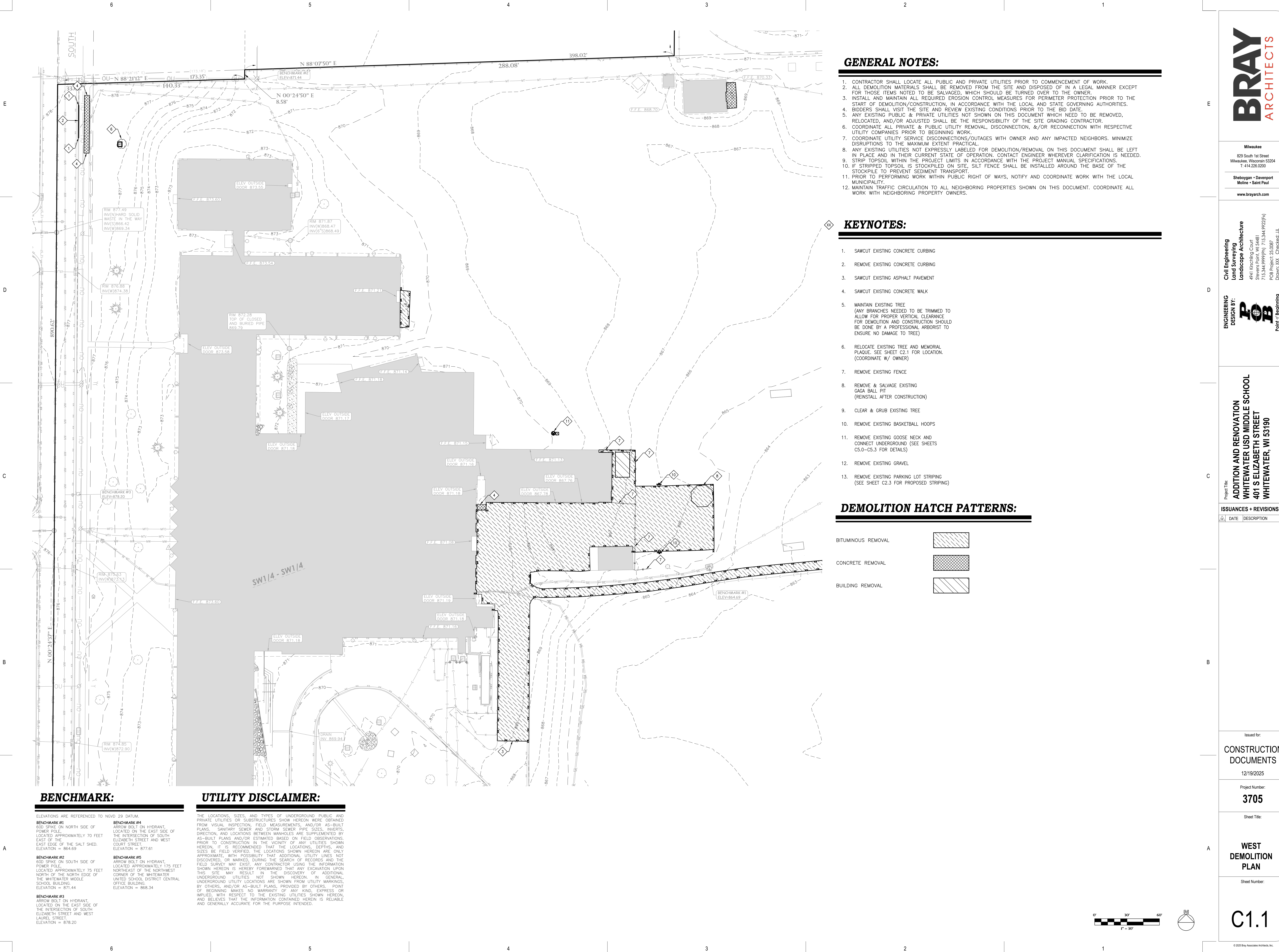
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DOCUMENTS**

12/19/2025

Project Number:
3705

Sheet Title:
**OVERALL
DEMOLITION
PLAN**

Sheet Number:
C1.0



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KEYNOTES:

1. SAWCUT EXISTING CONCRETE CURBING
2. REMOVE EXISTING CONCRETE CURBING
3. SAWCUT EXISTING ASPHALT PAVEMENT
4. SAWCUT EXISTING CONCRETE WALK
5. MAINTAIN 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)
6. RELOCATE EXISTING TREE AND MEMORIAL PLAQUE. SEE SHEET C2.1 FOR LOCATION. (COORDINATE W/ OWNER)
7. REMOVE EXISTING FENCE
8. REMOVE & SALVAGE EXISTING GAGA BALL PIT (REINSTALL AFTER CONSTRUCTION)
9. CLEAR & GRUB EXISTING TREE
10. REMOVE EXISTING BASKETBALL HOOPS
11. REMOVE EXISTING GOOSE NECK AND CONNECT UNDERGROUND (SEE SHEETS C5.0-C5.3 FOR DETAILS)
12. REMOVE EXISTING GRAVEL
13. REMOVE EXISTING PARKING LOT STRIPING (SEE SHEET C2.3 FOR PROPOSED STRIPING)

DEMOLITION HATCH PATTERNS:

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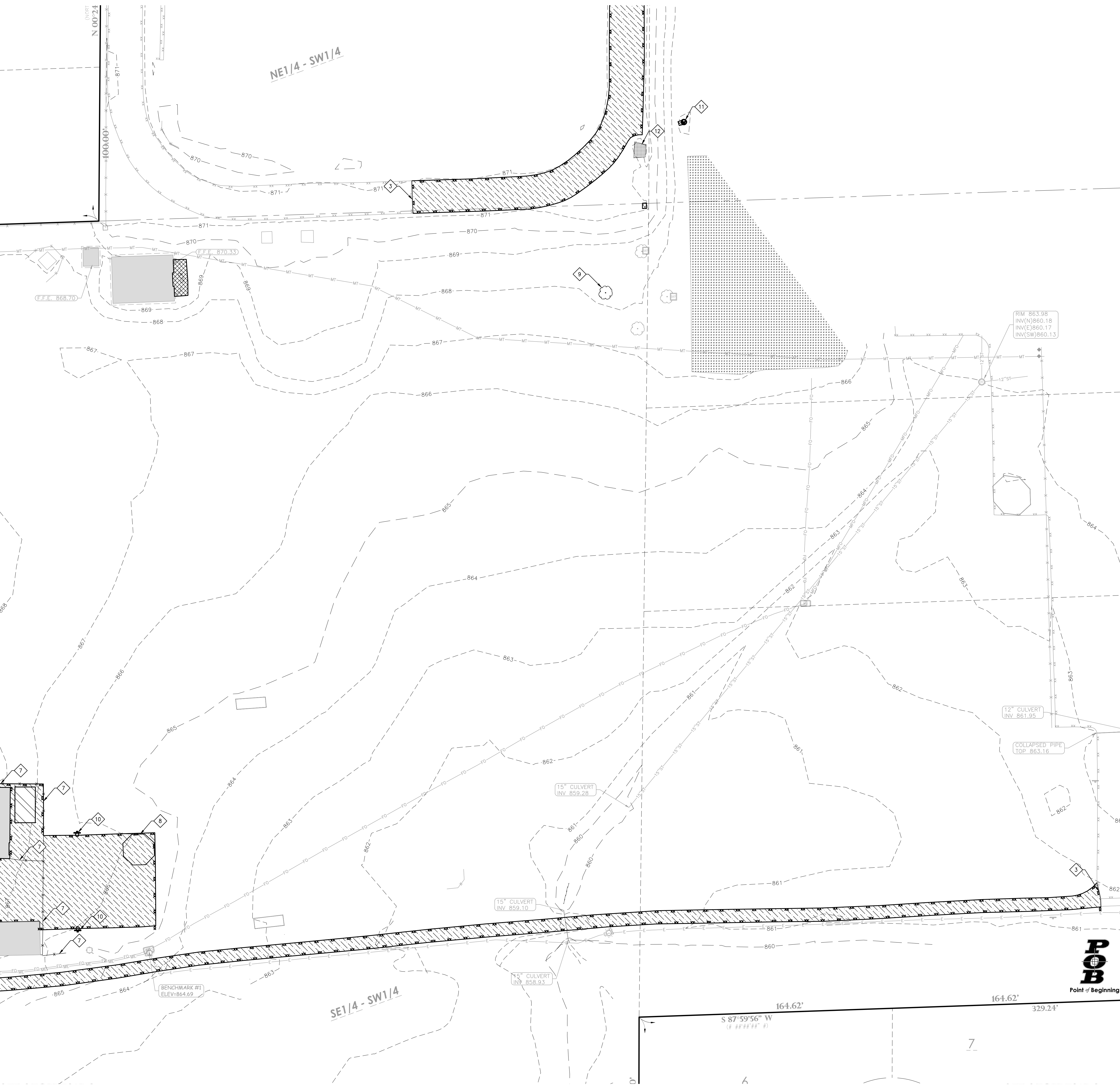
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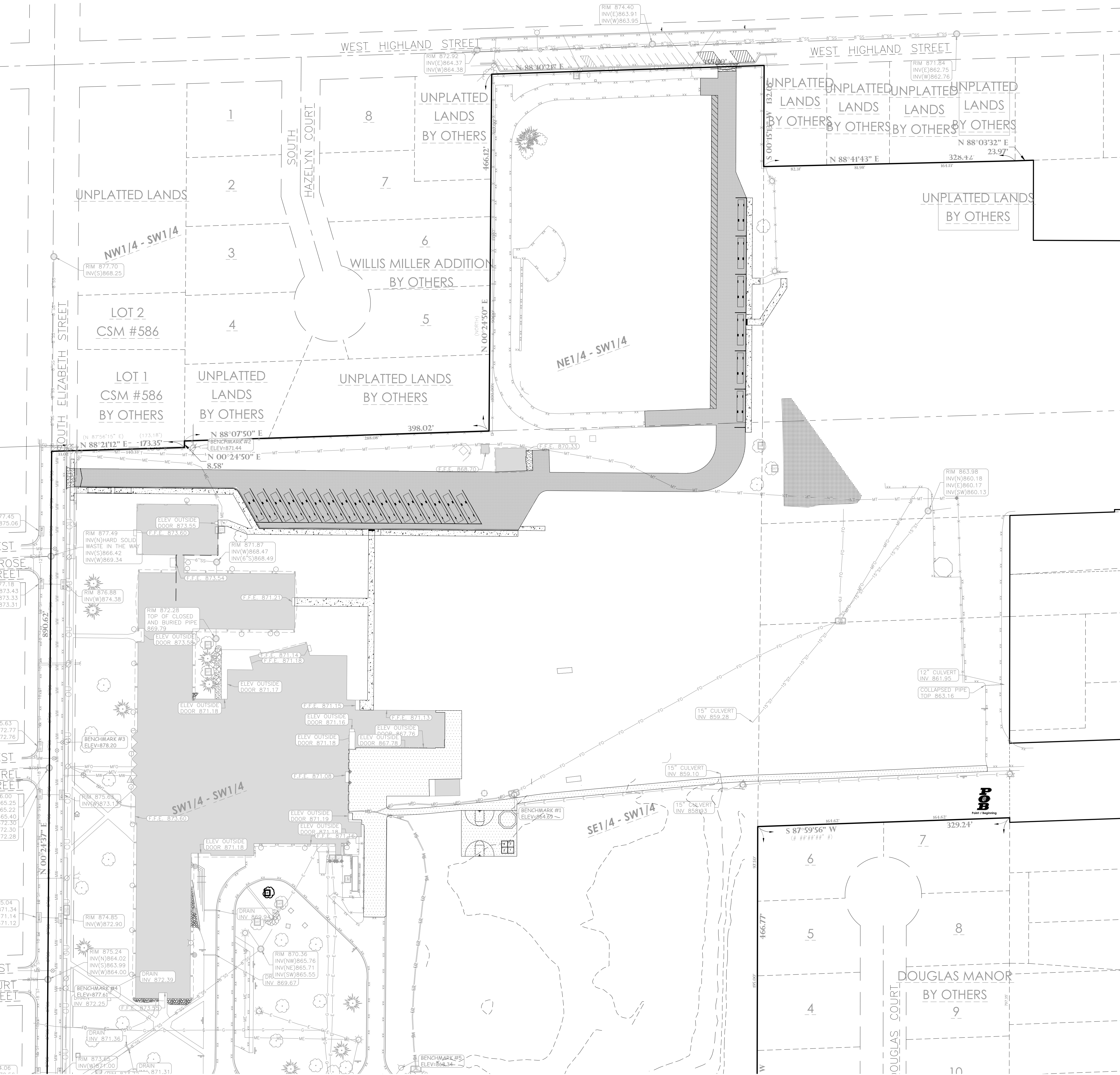
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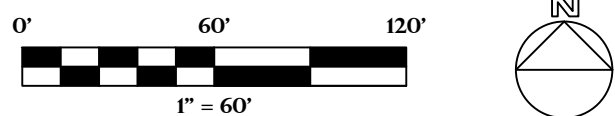
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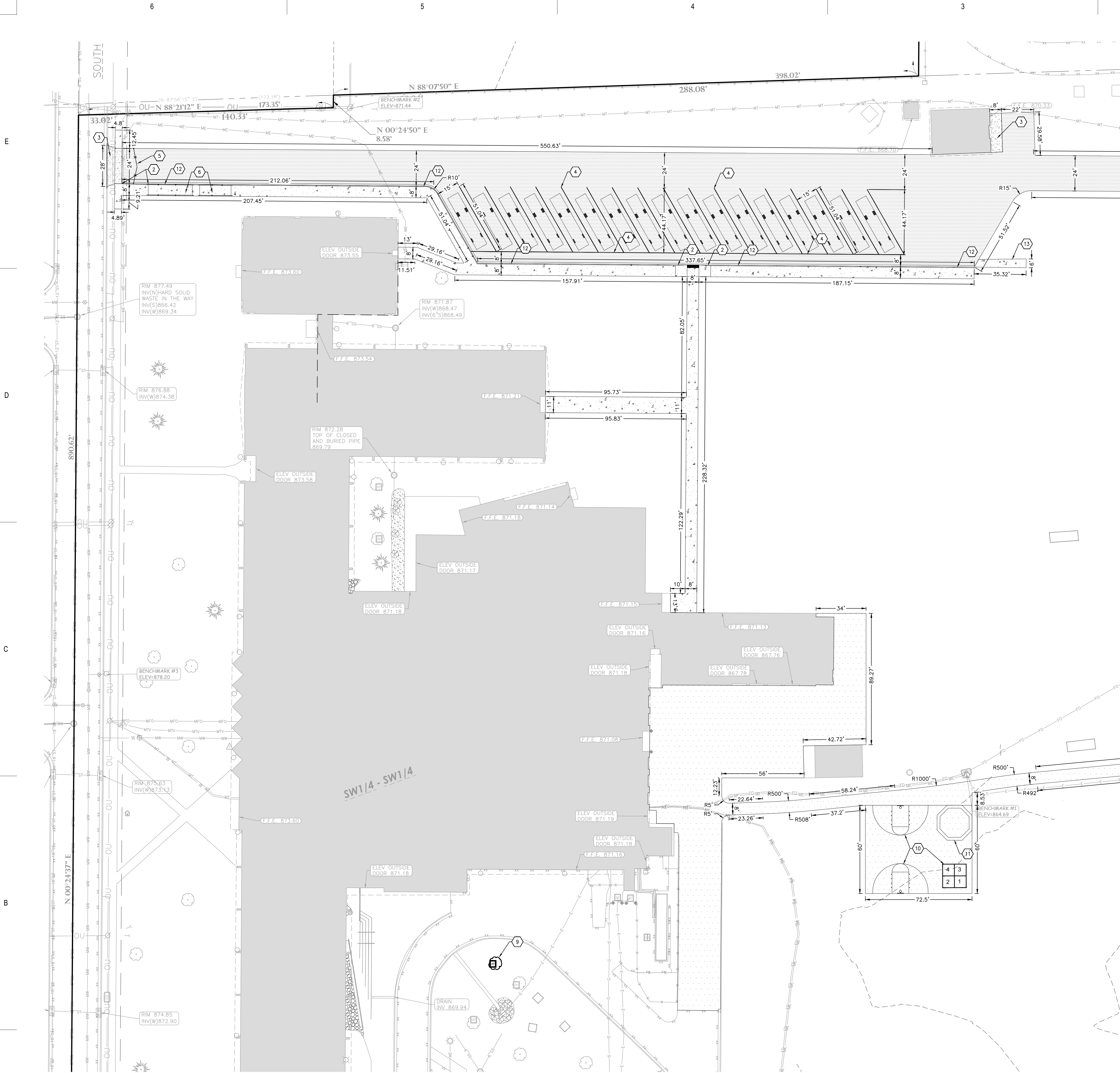
GENERAL NOTES:

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2. GRADE, LINE, AND LEVEL TO BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER.
3. ALL REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LOCAL MUNICIPAL AND DEPARTMENT OF NATURAL RESOURCES REGULATIONS.
4. SEE SHEETS C4.0-C4.3 FOR ALL REQUIRED EROSION CONTROL ELEMENTS.
5. 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.
6. VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
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8. PRIOR TO STARTING WORK, VERIFY WITH THE LOCAL AUTHORITIES THAT ALL REQUIRED PERMITS HAVE BEEN ACQUIRED.
9. COORDINATE CONSTRUCTION IN THE RIGHT OF WAY WITH THE LOCAL AUTHORITIES.
10. PROVIDE PROPER BARRICADES, SIGNS, AND TRAFFIC CONTROL TO MAINTAIN THRU TRAFFIC ALONG ADJACENT STREETS IN ACCORDANCE WITH LOCAL MUNICIPAL REQUIREMENTS.
11. SIDEWALK JOINTS SHALL BE INSTALLED AS INDICATED/APPROVED BY THE CONSTRUCTION MANAGER.

PAVEMENT HATCH PATTERNS:

PROPOSED STANDARD DUTY ASPHALT PAVEMENT		1 CE.0
PROPOSED HEAVY DUTY ASPHALT PAVEMENT		1 CE.0
PROPOSED 4" CONCRETE PAVEMENT		2 CE.0
PROPOSED 7" CONCRETE PAVEMENT		2 CE.0





BENCHMARK:

ELEVATIONS ARE REFERENCED TO NGVD 29 DATUM.

BENCHMARK #1
600 SPIKE ON NORTH SIDE OF POWER POLE,
LOCATED APPROXIMATELY 70 FEET EAST 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 BUILDING.
ELEVATION = 871.44

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

BENCHMARK #4
ARROW BOLT ON HYDRANT, LOCATED ON THE EAST SIDE OF THE INTERSECTION OF SOUTH ELIZABETH STREET AND WEST COURT STREET.
ELEVATION = 877.61

BENCHMARK #5
ARROW BOLT ON HYDRANT, LOCATED APPROXIMATELY 175 FEET NORTH-EAST OF THE NORTHWEST CORNER OF THE WHITEWATER UNITED SCHOOL DISTRICT CENTRAL OFFICE BUILDING.
ELEVATION = 868.34

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GENERAL NOTES:

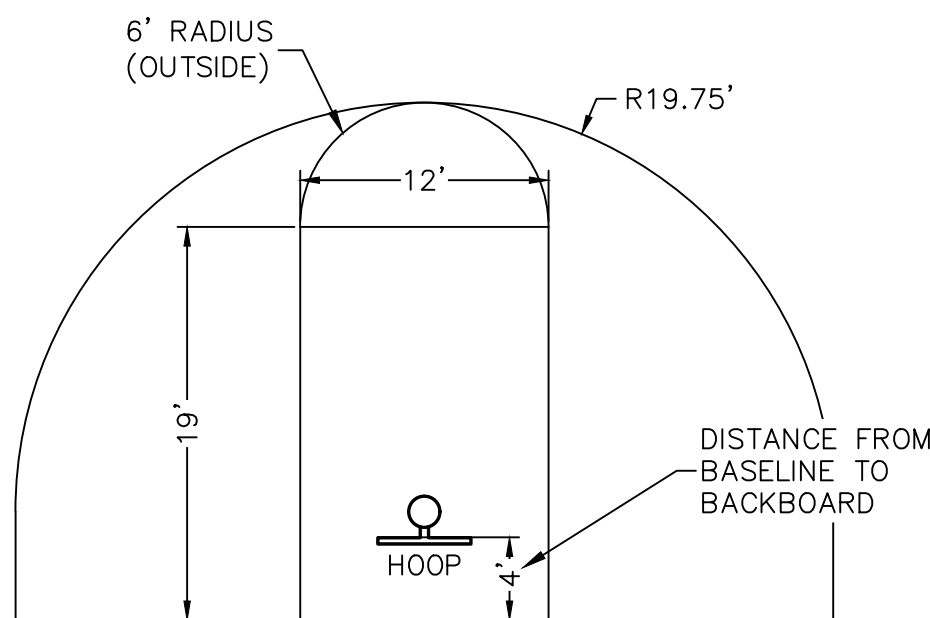
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KEYNOTES:

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4. PARKING LOT STRIPING
5. 24" WIDE MANUAL DOUBLE SWING GATE
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7. ACCESSIBLE CURB RAMP
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10. PLAYGROUND PAVEMENT MARKING
11. REINSTALL GAGA BALL PIT
12. 18" STANDARD CURB & GUTTER
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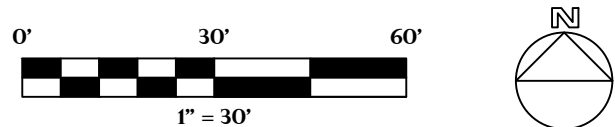
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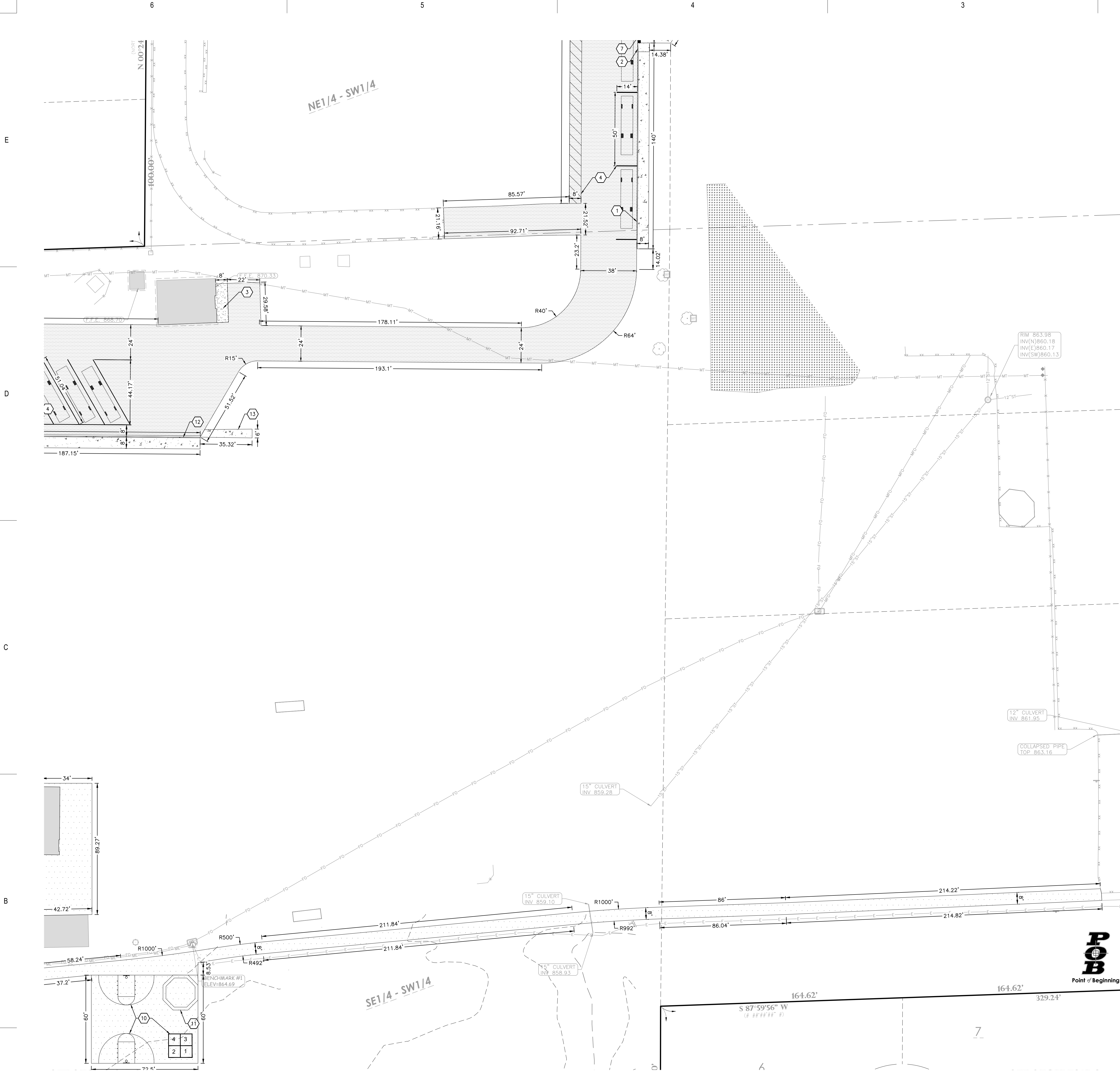
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- NOTES:
1. ALL BASKETBALL COURT STRIPING LINES SHALL BE 2" WIDE.
 2. VERIFY ALL LINE STRIPING W/ OWNER.
 3. KEEPER GOALS KG690 BASKETBALL POLE W/ KG475W BACKBOARD & KG-BA39 ULTIMATE RIM (OR APPROVED EQUALS)
 4. INSTALL BASKETBALL HOOP PER MANUFACTURE'S SPECIFICATIONS

BASKETBALL HOOP





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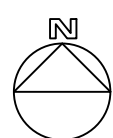
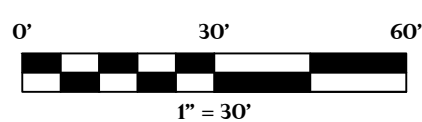
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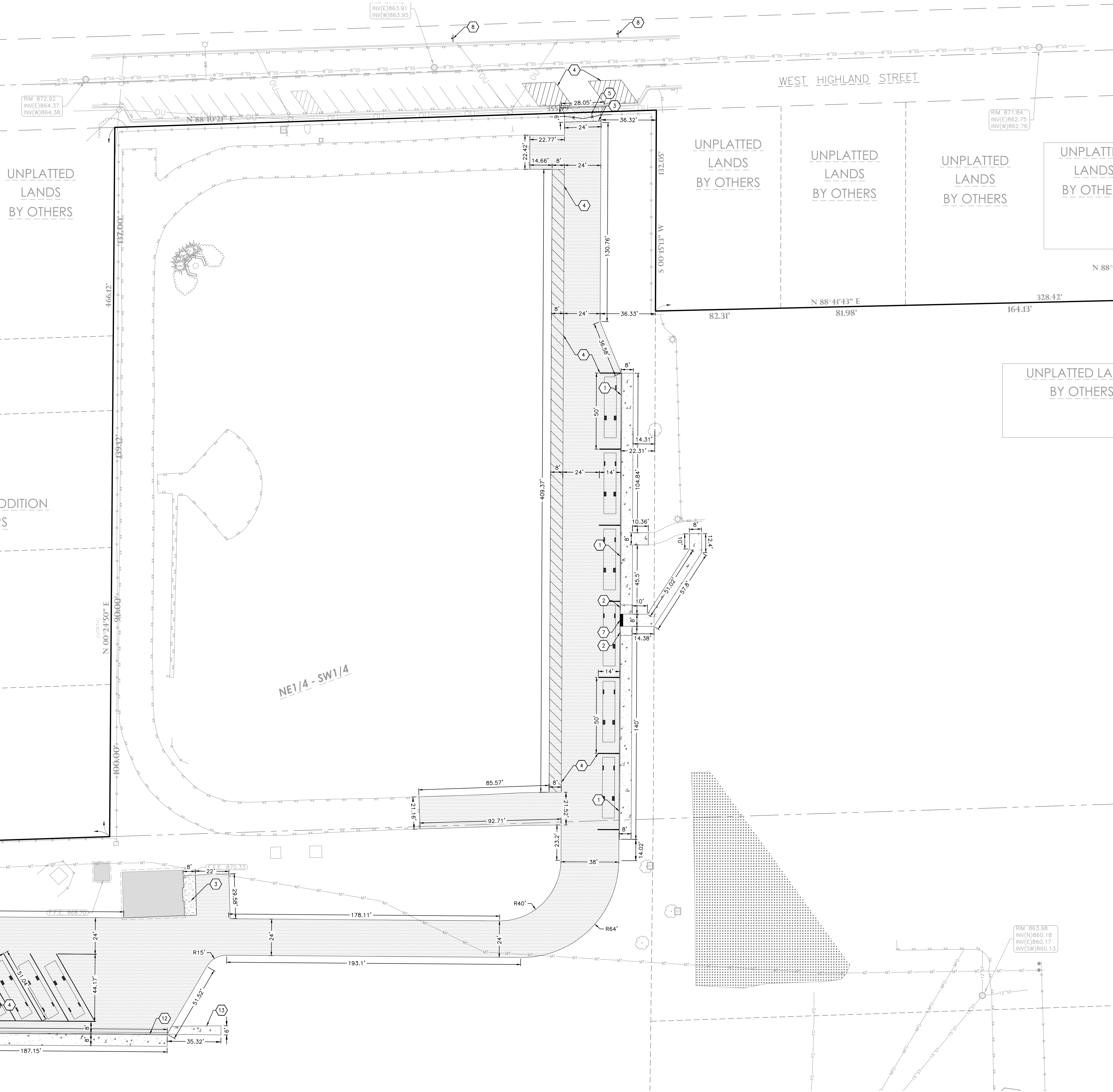
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PAVEMENT HATCH PATTERNS:

- | | | |
|---|--|-----------|
| PROPOSED STANDARD DUTY ASPHALT PAVEMENT | | 1
C6.0 |
| PROPOSED HEAVY DUTY ASPHALT PAVEMENT | | 1
C6.0 |
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C6.0 |
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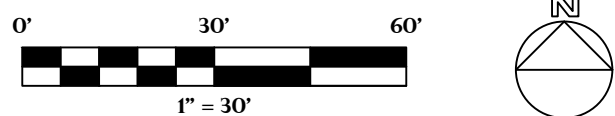
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BRAY
ARCHITECTS

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

Sheboygan • Davenport
Moline • Saint Paul

www.brayarch.com

Civil Engineering
Land Surveying
Landscape Architecture

4941 Enclosure Court
Stevens Point, WI 54481
715.344.9999 (PH) 715.344.9922 (FX)
POB Project: 25.0087
Drawn: JLL Checked: JLL

Point of Beginning

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

ISSUANCES + REVISIONS:

DATE	DESCRIPTION
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Issued for:
**CONSTRUCTION
DOCUMENTS**

Project Number:
3705

Sheet Title:
**NORTH
LAYOUT
PLAN**

Sheet Number:

C2.3



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- 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 LANDSCAPE AREAS SHALL BE SEEDED, 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 BENEATH 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 BIORETENTION AREAS UNTIL THE SURROUNDING DRAINAGE AREA HAS BEEN FULLY STABILIZED. ALL CONSTRUCTION SITE SEDIMENT SHALL BE REMOVED FROM THE SUBGRADE OF THE BIORETENTION 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	---	712	---
PROPOSED CONTOUR	---	712	---
PROPOSED SPOT ELEVATION	892.28		
PROPOSED ENDWALL INVERT ELEVATION	INV=892.05		
PROPOSED RIM ELEVATION	893.50		
PROPOSED TOP OF CURB ELEVATION	893.50		
PROPOSED FLOW LINE ELEVATION	893.50		
TOP OF BERM ELEVATION	893.50		
PROPOSED MATCH ELEVATION (CONTRACTOR TO VERIFY)	892.05		
PROPOSED ENDWALL STRUCTURE			7 C6.1
PROPOSED ENDWALL STRUCTURE WITH RIP RAP			7 C6.1
PROPOSED STORM SEWER MANHOLE			8 C6.1
PROPOSED STORM SEWER INLET			8 C6.1
PROPOSED STORM SEWER CONTROL STRUCTURE			9 C6.1
PROPOSED STORM SEWER CLEANOUT			10 C6.1
PROPOSED BIORETENTION BASIN			9 C6.0

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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 LANDSCAPE AREAS SHALL BE SEEDED, 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 W/ADOT TYPE HR FILTER FABRIC BENEATH 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 BIORETENTION AREAS UNTIL THE SURROUNDING DRAINAGE AREA HAS BEEN FULLY STABILIZED. ALL CONSTRUCTION SITE SEDIMENT SHALL BE REMOVED FROM THE SUBGRADE OF THE BIORETENTION 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	---	712	---
PROPOSED CONTOUR	---	712	---
PROPOSED SPOT ELEVATION	872.26		
PROPOSED ENDWALL INVERT ELEVATION	INV=872.05		
PROPOSED RIM ELEVATION	RIM=869.50		
PROPOSED TOP OF CURB ELEVATION	TC=869.50		
PROPOSED FLOW LINE ELEVATION	FL=869.50		
TOP OF BERM ELEVATION	THE=869.50		
PROPOSED MATCH ELEVATION (CONTRACTOR TO VERIFY)	869.05M		
PROPOSED ENDWALL STRUCTURE		7	C6.1
PROPOSED ENDWALL STRUCTURE WITH RIP RAP		7	C6.1
PROPOSED STORM SEWER MANHOLE		8	C6.1
PROPOSED STORM SEWER INLET		8	C6.1
PROPOSED STORM SEWER CONTROL STRUCTURE		9	C6.1
PROPOSED STORM SEWER CLEANOUT		10	C6.1
PROPOSED BIORETENTION BASIN		9	C6.0

BRAY
ARCHITECTS

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

Sheshogan • Davenport
Moline • Saint Paul
www.brayarch.com

Civil Engineering
Land Surveying
Landscape Architecture

4941 Encinitas Court
Stevens Point, WI 54481
715.344.9999(PH) 715.344.9922(FX)
POB Project: 25.0087
Drawn: JLL Checked: JLL

ENGINEERING
DESIGN BY:
POB
Point of Beginning

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

ISSUANCES + REVISIONS:

DATE	DESCRIPTION
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Issued for:
**CONSTRUCTION
DOCUMENTS**

12/19/2025

Project Number:

3705

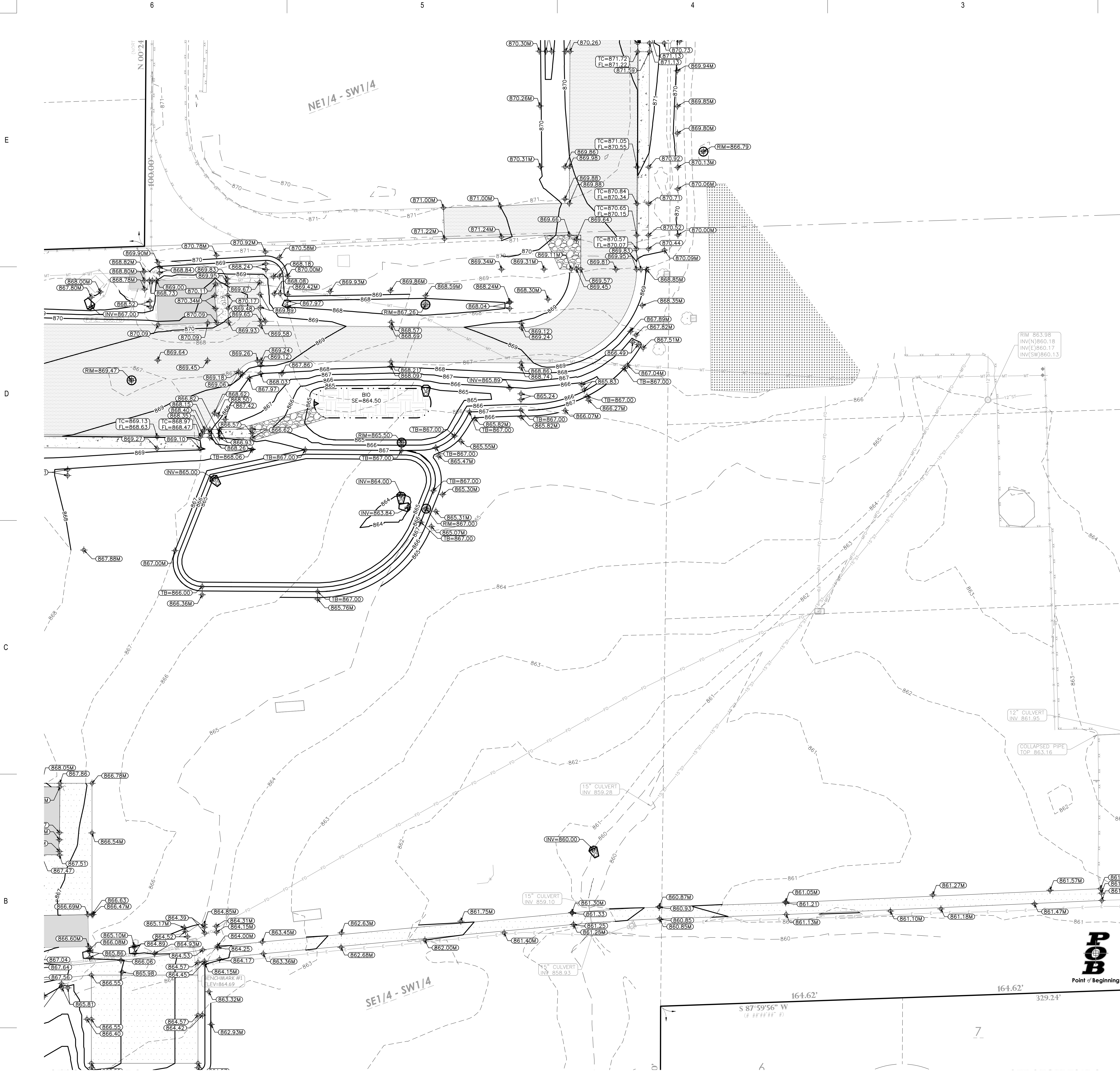
Sheet Title:

**WEST
GRADING
PLAN**

Sheet Number:

C3.1

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BENCHMARK:

ELEVATIONS ARE REFERENCED TO NGVD 29 DATUM.

BENCHMARK #1
600 SPIKE ON NORTH SIDE OF POWER POLE
LOCATED APPROXIMATELY 70 FEET EAST 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 BUILDING.
ELEVATION = 871.44

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

BENCHMARK #4
ARROW BOLT ON HYDRANT, LOCATED ON THE EAST SIDE OF THE INTERSECTION OF SOUTH ELIZABETH STREET AND WEST COURT STREET.
ELEVATION = 877.61

BENCHMARK #5
ARROW BOLT ON HYDRANT, LOCATED APPROXIMATELY 175 FEET NORTHEAST OF THE NORTHWEST CORNER OF THE WHITEWATER UNITED SCHOOL DISTRICT CENTRAL OFFICE BUILDING.
ELEVATION = 868.34

UTILITY DISCLAIMER:

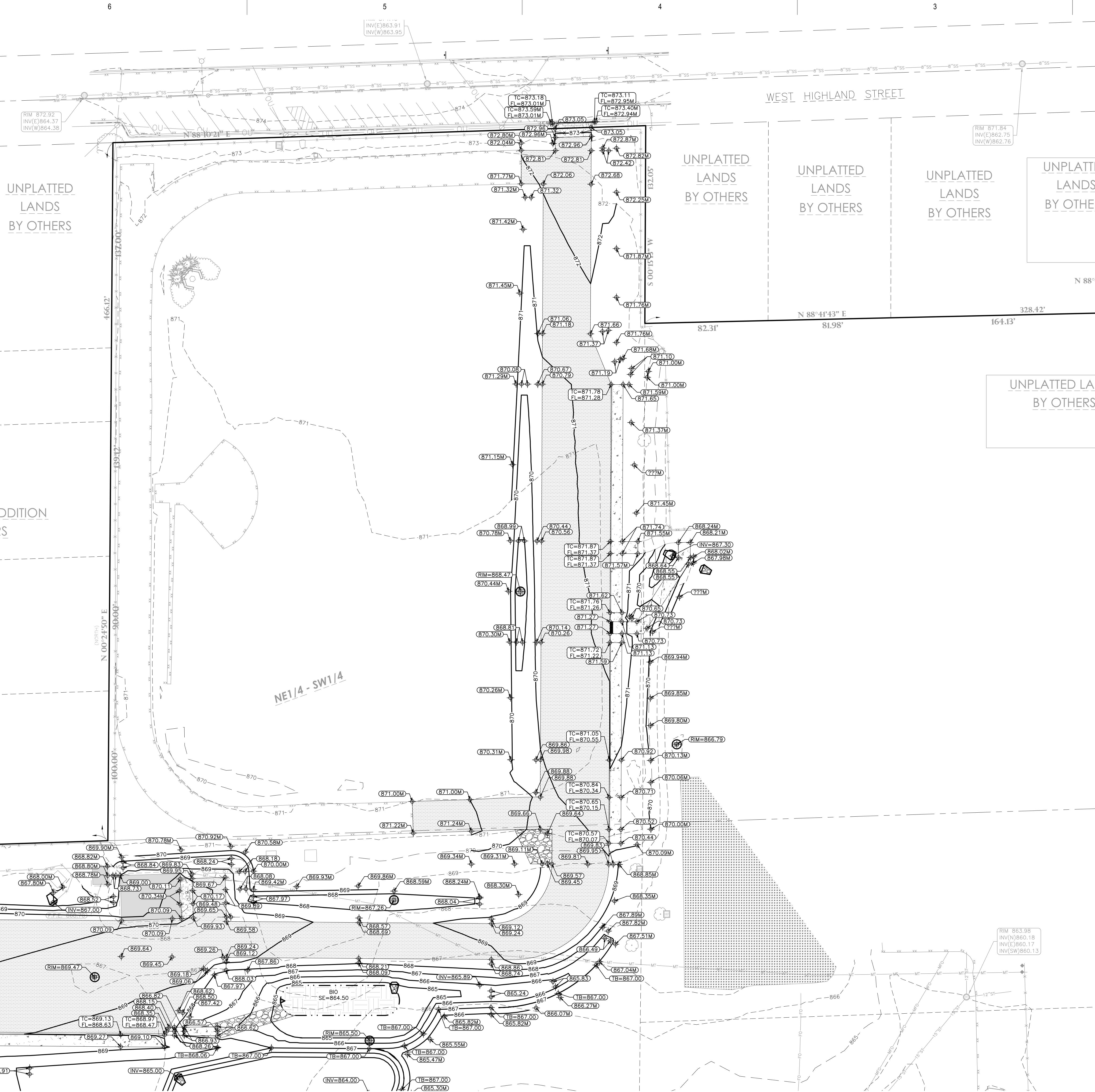
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- INSTALL AND MAINTAIN ALL REQUIRED EROSION CONTROL MEASURES IN ACCORDANCE WITH LOCAL MUNICIPAL AND DEPARTMENT OF NATURAL RESOURCES REGULATIONS.
- 6" OF TOPSOIL SHALL BE PROVIDED IN ALL GENERAL LAWN AREAS AND 12" SHALL BE PROVIDED IN ALL PLANTING BED AREAS.
- ALL GENERAL LANDSCAPE AREAS SHALL BE SEEDED, FERTILIZED, AND CRIMP HAY MULCHED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- SEE SHEET C4.0 FOR ALL REQUIRED EROSION CONTROL ELEMENTS.
- 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).
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GRADING LEGEND:

EXISTING CONTOUR	---	712
PROPOSED CONTOUR	---	712
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PROPOSED ENDWALL INVERT ELEVATION	INV=892.05	
PROPOSED RIM ELEVATION	RIM=893.50	
PROPOSED TOP OF CURB ELEVATION	TC=893.50	
PROPOSED FLOW LINE ELEVATION	FL=893.50	
TOP OF BERM ELEVATION	TH=893.50	
PROPOSED MATCH ELEVATION (CONTRACTOR TO VERIFY)	892.05M	
PROPOSED ENDWALL STRUCTURE		7 C6.1
PROPOSED ENDWALL STRUCTURE WITH RIP RAP		7 C6.1
PROPOSED STORM SEWER MANHOLE		8 C6.1
PROPOSED STORM SEWER INLET		8 C6.1
PROPOSED STORM SEWER CONTROL STRUCTURE		9 C6.1
PROPOSED STORM SEWER CLEANOUT		10 C6.1
PROPOSED BIOTENTION BASIN		9 C6.0



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LOCATED APPROXIMATELY 70 FEET EAST OF THE EAST EDGE OF THE SALT SHED.
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GRADING LEGEND:

EXISTING CONTOUR	---	712	---
PROPOSED CONTOUR	---	712	---
PROPOSED SPOT ELEVATION	872.26		
PROPOSED ENDWALL INVERT ELEVATION	INV=872.05		
PROPOSED RIM ELEVATION	RIM=869.50		
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BRAY
ARCHITECTS

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

Sheboygan • Davenport
Moline • Saint Paul

www.brayarch.com

Civil Engineering
Land Surveying
Landscape Architecture

4941 Kirschling Court
Stevens Point, WI 54481
715.344.9999(PH) 715.344.9922(FX)
PCB Project: 25.0087
Drawn: JLL Checked: JLL

ENGINEERING
DESIGN BY:

POB

Point of Beginning

Project Title:
**ADDITION AND RENOVATION
WHITEWATER USD MIDDLE SCHOOL
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ISSUANCES + REVISIONS:

DATE	DESCRIPTION
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**CONSTRUCTION
DOCUMENTS**

12/19/2025

Project Number:

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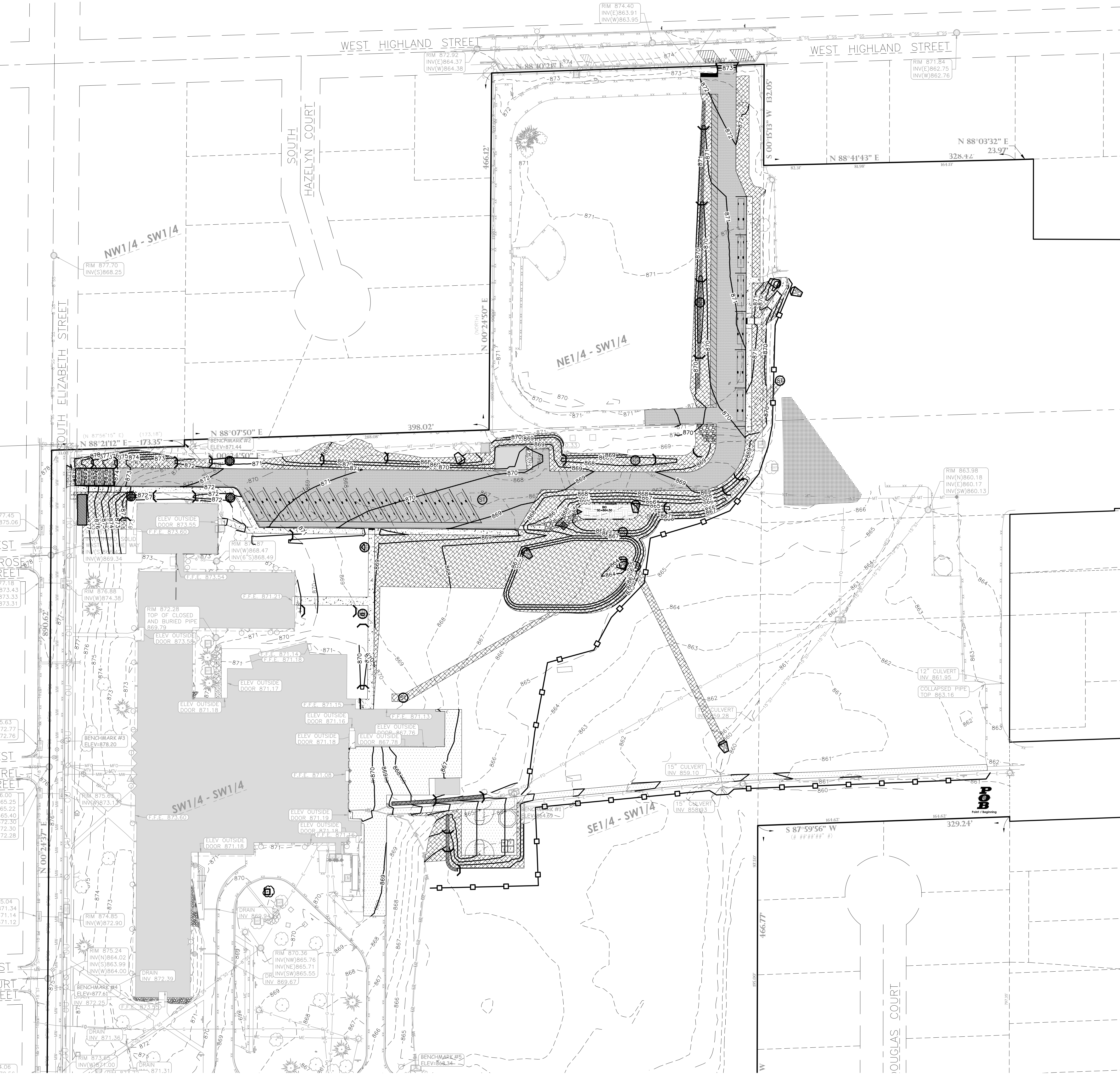
Sheet Title:

**NORTH
GRADING
PLAN**

Sheet Number:

C3.3

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BENCHMARK:

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- BENCHMARK #1**
600 SPIKE ON NORTH SIDE OF POWER POLE.
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ELEVATION = 864.69
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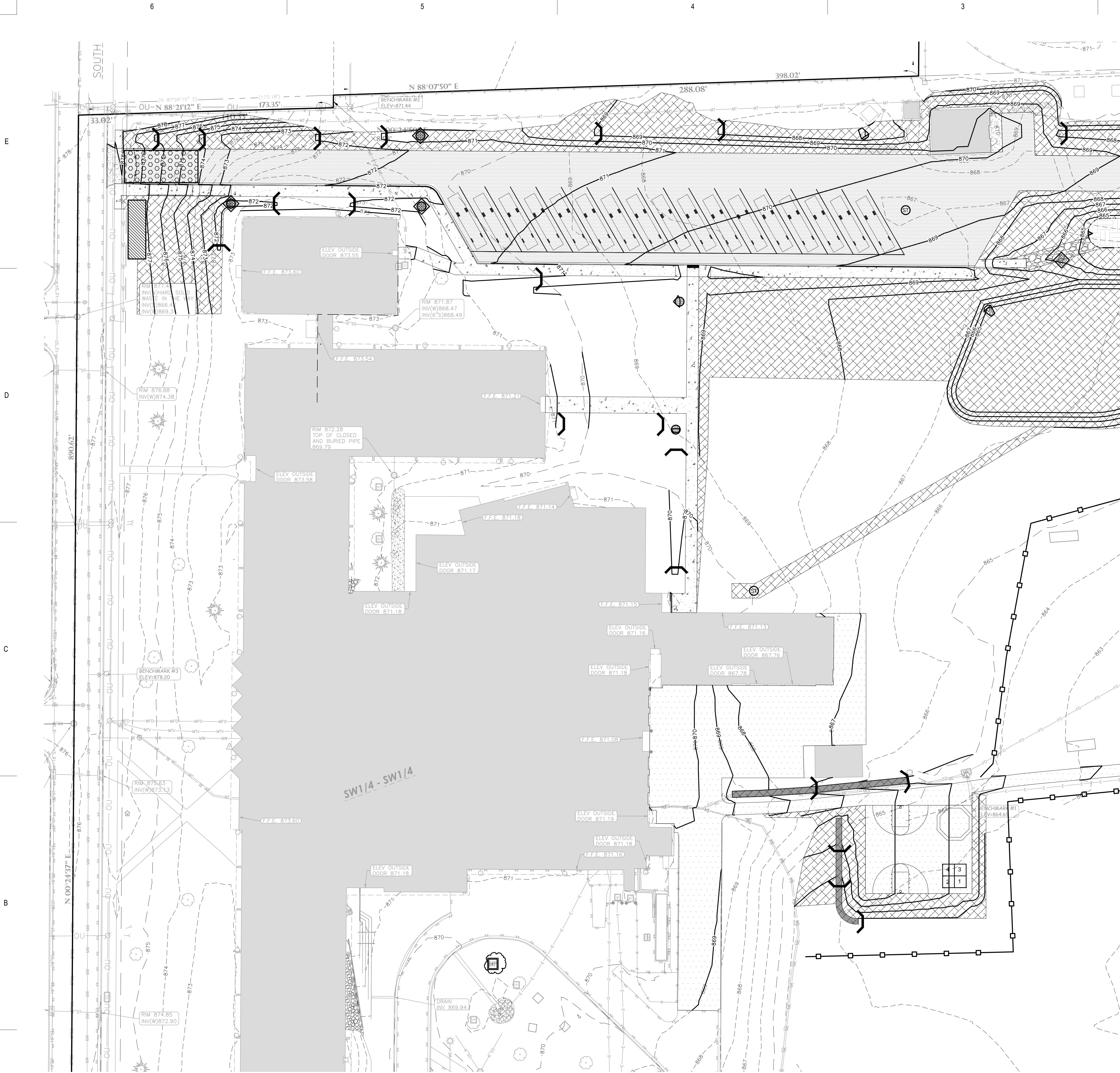
- CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
- NOTIFY THE LOCAL MUNICIPALITY AT LEAST 2 WORKING DAYS PRIOR TO THE START OF SOIL DISTURBING ACTIVITIES.
- INSTALL ALL TEMPORARY EROSION CONTROL ELEMENTS PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- ALL ACTIVITIES 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 THE WIDTH OF THE DRIVEWAY.
- 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 INACTIVE 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 NEEDED REPAIRS 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 PRACTICABLE.
- 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 SNOWFALL OR GROUND FREEZE.
- SILT FENCE SHALL BE INSTALLED AROUND THE TOPSOIL STOCKPILE.
- SILT 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:

EXISTING CONTOUR	---	888	
PROPOSED CONTOUR	---	888	
PROPOSED SILT FENCE	---	10	C6.0
PROPOSED INLET PROTECTION	---	11	C6.0
EROSION CONTROL BLANKET	---	5	C6.1
EROSION CONTROL BLANKET (CHANNEL FLOW)	---	6	C6.1
ROCK CONSTRUCTION ENTRANCE	---	1	C6.1
TEMPORARY DITCH CHECK	---	2	C6.1
RIP RAP AREA	---	3	C6.1
CONCRETE WASHOUT AREA	---	4	C6.1

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.
 - SEDIMENT TRAP BASIN BOTTOM ELEVATION SHALL BE CONSISTENT WITH THE BOTTOM DESIGN ELEVATION OF THE BIO-RETENTION BASIN. SEE DETAIL.
- INSTALL STONE OUTLET/OVERFLOW WEIR WHEREVER INDICATED ON PLANS.
- EXCAVATE TEMPORARY SWALES AWAY FROM THE BASIN TO DIRECT AND MAXIMIZE STORMWATER RUNOFF TO THIS BASIN DURING CONSTRUCTION.
- BEGIN DEMOLITION.
- BEGIN ROUGH GRADING AND UTILITY INSTALLATION.
- DURING GRADING ACTIVITIES EXISTING GRASS AND VEGETATION, TO BE REMOVED, SHALL REMAIN IN PLACE FOR AS LONG AS POSSIBLE, TO AVOID SEDIMENT TRANSPORT.
- TEMPORARY STABILIZATION ACTIVITY SHALL COMMENCE WHEN LAND DISTURBING CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.
- FINAL STABILIZATION ACTIVITY SHALL COMMENCE WHEN LAND DISTURBING ACTIVITIES CEASE AND FINAL GRADE HAS BEEN REACHED ON ANY PORTION OF THE SITE.
- PER GENERAL NOTE #19, THE SEDIMENT TRAP SHALL BE RECONSTRUCTED INTO THE PROPOSED BIO-RETENTION AREA AFTER THE SURROUNDING AREA HAS BEEN FULLY STABILIZED.
 - 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.
- 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 NGVD 29 DATUM.

BENCHMARK #1
600 SPIKE ON NORTH SIDE OF POWER POLE,
LOCATED APPROXIMATELY 70 FEET EAST 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 BUILDING.
ELEVATION = 871.44

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

BENCHMARK #4
ARROW BOLT ON HYDRANT, LOCATED ON THE EAST SIDE OF THE INTERSECTION OF SOUTH ELIZABETH STREET AND WEST COURT STREET.
ELEVATION = 877.61

BENCHMARK #5
ARROW BOLT ON HYDRANT, LOCATED APPROXIMATELY 175 FEET NORTHEAST OF THE NORTHWEST CORNER OF THE WHITEWATER UNITED SCHOOL DISTRICT CENTRAL OFFICE BUILDING.
ELEVATION = 868.34

UTILITY DISCLAIMER:

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GENERAL NOTES:

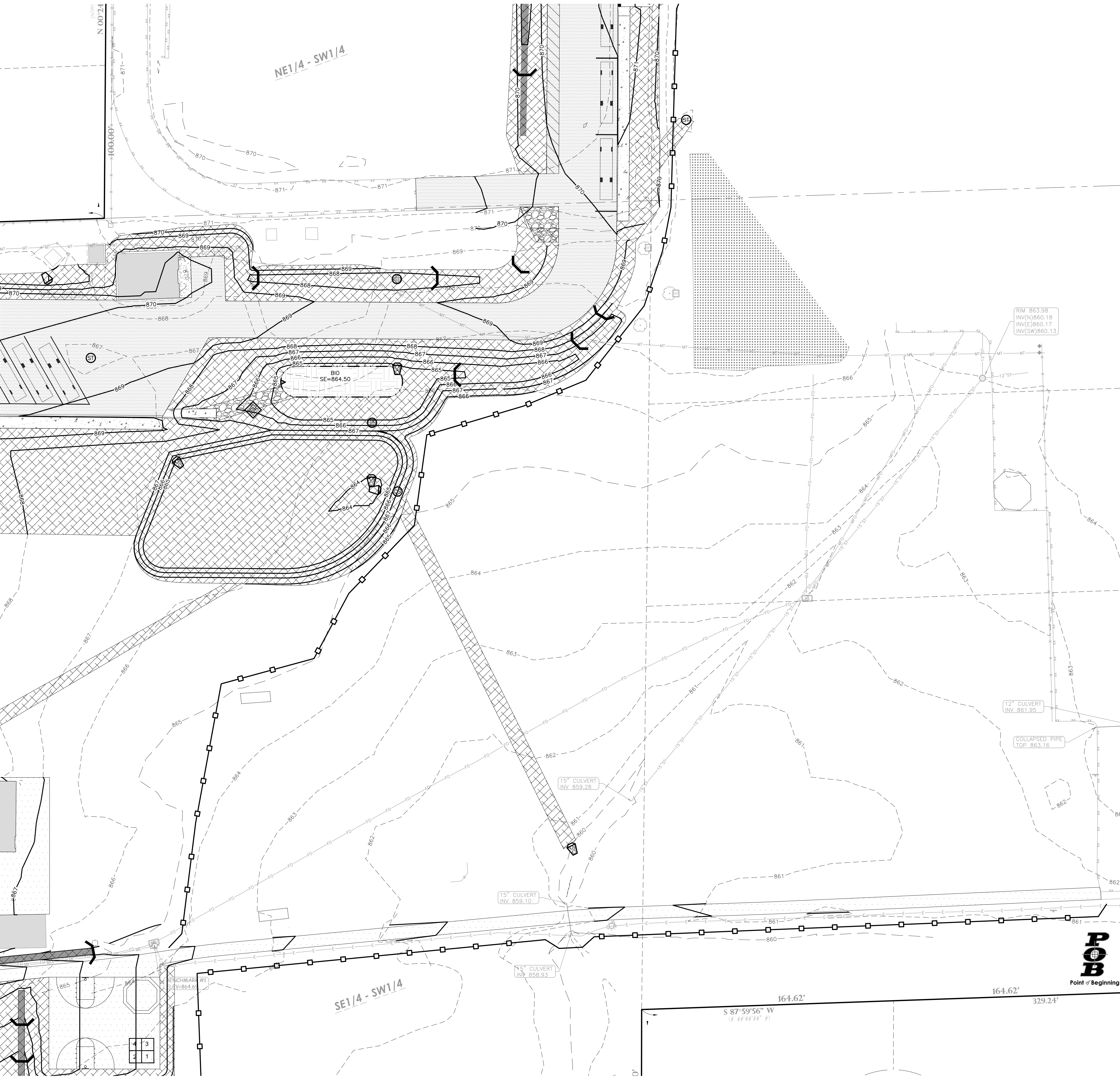
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- INSTALL ALL TEMPORARY EROSION CONTROL ELEMENTS PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- ALL ACTIVITIES SHALL BE CONDUCTED IN A LOGICAL SEQUENCE TO MINIMIZE THE AMOUNT OF BARE SOIL EXPOSED AT ANY ONE TIME. MAINTAIN EXISTING VEGETATION AS LONG 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 THE WIDTH OF THE DRIVEWAY.
- 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 INACTIVE 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 NEEDED REPAIRS 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 PRACTICABLE.
- 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 SNOWFALL OR GROUND FREEZE.
- SILT FENCE SHALL BE INSTALLED AROUND THE TOPSOIL STOCKPILE.
- SILT 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:

EXISTING CONTOUR	---	888	---
PROPOSED CONTOUR	---	888	---
PROPOSED SILT FENCE	---	10	---
PROPOSED INLET PROTECTION	---	11	---
EROSION CONTROL BLANKET	---	5	---
EROSION CONTROL BLANKET (CHANNEL FLOW)	---	6	---
ROCK CONSTRUCTION ENTRANCE	---	1	---
TEMPORARY DITCH CHECK	---	2	---
RIP RAP AREA	---	3	---
CONCRETE WASHOUT AREA	---	4	---

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.
 - SEDIMENT TRAP BASIN BOTTOM ELEVATION SHALL BE CONSISTENT WITH THE BOTTOM DESIGN ELEVATION OF THE BIO-RETENTION BASIN. SEE DETAIL.
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- EXCAVATE TEMPORARY SWALES AWAY FROM THE BASIN TO DIRECT AND MAXIMIZE STORMWATER RUNOFF TO THIS BASIN DURING CONSTRUCTION.
- BEGIN DEMOLITION OF EXISTING BUILDING.
- BEGIN ROUGH GRADING AND UTILITY INSTALLATION.
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EAST EDGE OF THE SALT SHED.
ELEVATION = 864.69

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

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

BENCHMARK #4
ARROW BOLT ON HYDRANT,
LOCATED ON THE EAST SIDE OF
THE INTERSECTION OF SOUTH
ELIZABETH STREET AND WEST
COURT STREET.
ELEVATION = 877.61

BENCHMARK #5
ARROW BOLT ON HYDRANT,
LOCATED APPROXIMATELY 175 FEET
NORTHWEST
CORNER OF THE WHITEWATER
UNITED SCHOOL DISTRICT CENTRAL
OFFICE BUILDING.
ELEVATION = 868.34

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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.
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EXISTING CONTOUR	---	888	---
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EROSION CONTROL BLANKET	---	1	2
EROSION CONTROL BLANKET (CHANNEL FLOW)	---	3	4
ROCK CONSTRUCTION ENTRANCE	---	1	2
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RIP RAP AREA	---	3	4
CONCRETE WASHOUT AREA	---	3	4

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- 2.3. EXCAVATE TEMPORARY SWALES AWAY FROM THE BASIN TO DIRECT AND MAXIMIZE STORMWATER RUNOFF TO THIS BASIN DURING CONSTRUCTION.
3. BEGIN DEMOLITION
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BRAY
ARCHITECTS

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

Sheboygan • Davenport
Moline • Saint Paul

www.brayarch.com

Civil Engineering
Land Surveying
Landscape Architecture
4941 Encinitas Court
Stevens Point, WI 54481
715.344.9999 (PH) 715.344.9922 (FX)
PCB Project: 25.0087
Drawn: JLL Checked: JLL

ENGINEERING
DESIGN BY:
POB
Point of Beginning

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

ISSUANCES + REVISIONS:

DATE DESCRIPTION

Issued for:

**CONSTRUCTION
DOCUMENTS**

12/19/2025

Project Number:

3705

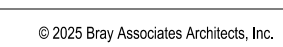
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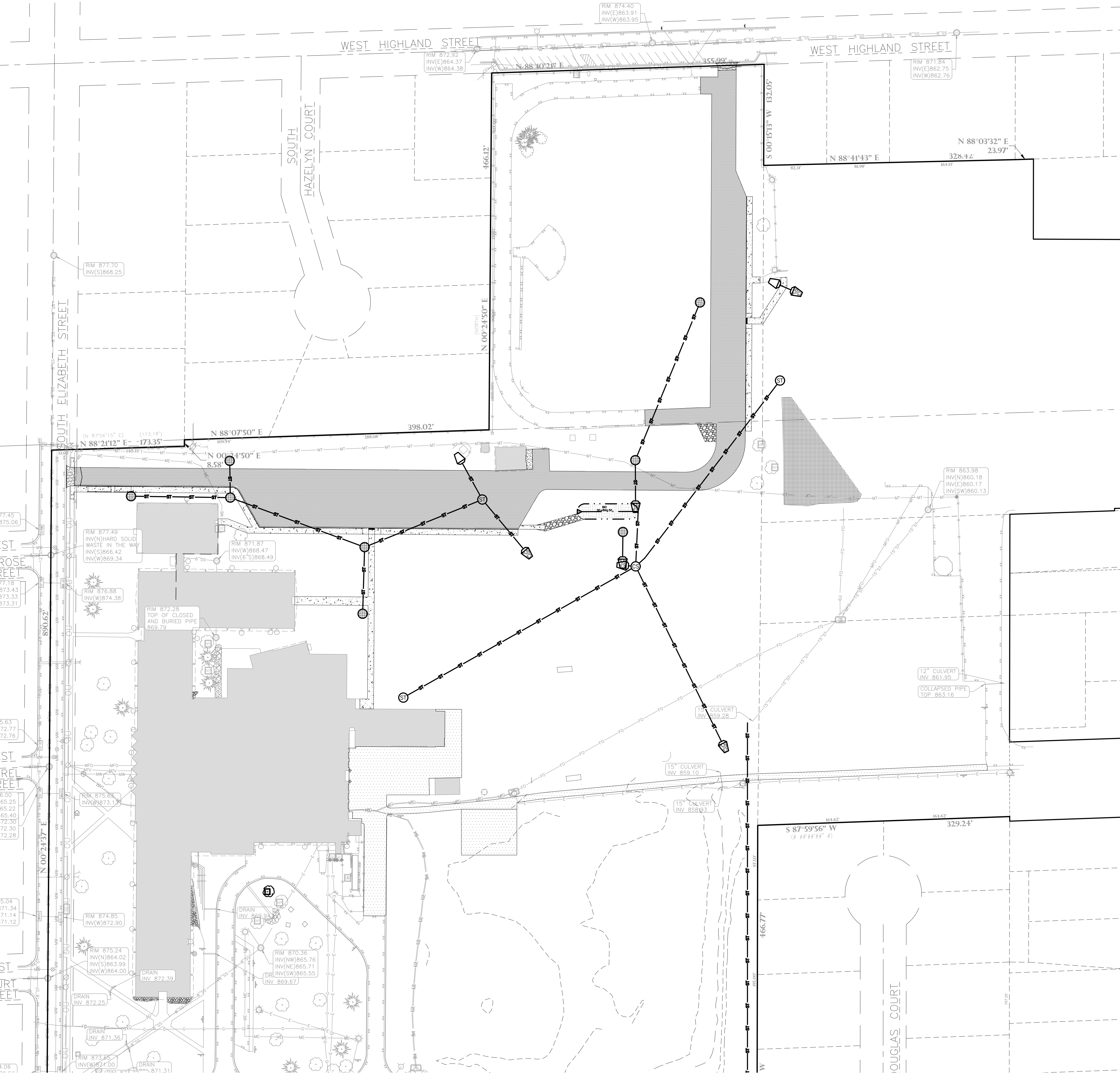
**SOUTH
EROSION
CONTROL
PLAN**

Sheet Number:

C4.2

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ELEVATION = 871.44

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ELEVATION = 878.20

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ARROW BOLT ON HYDRANT, LOCATED ON THE EAST SIDE OF THE INTERSECTION OF SOUTH ELIZABETH STREET AND WEST COURT STREET.
ELEVATION = 877.61

BENCHMARK #5
ARROW BOLT ON HYDRANT, LOCATED APPROXIMATELY 175 FEET NORTHEAST OF THE NORTHWEST CORNER OF THE WHITEWATER UNITED SCHOOL DISTRICT CENTRAL OFFICE BUILDING.
ELEVATION = 868.34

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.
- 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.
- REFER TO THE PROPOSED BUILDING MECHANICAL/PLUMBING PLANS TO VERIFY EXACT CONNECTION LOCATIONS AND SIZES OF PROPOSED SANITARY SEWER AND WATER LATERALS.
- COORDINATE ALL 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.
- COORDINATE ALL WORK WITHIN THE PUBLIC RIGHT OF WAY WITH THE LOCAL MUNICIPALITY.
- ALL TESTING AND INSPECTION SHALL BE DONE IN ACCORDANCE WITH SPS 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 WisDOT TYPE HR FILTER FABRIC BENEATH PROPOSED RIP RAP.

UTILITY LEGEND:

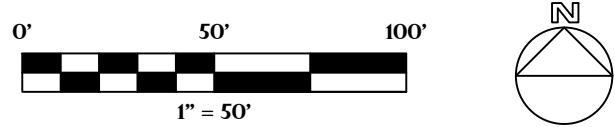
PROPOSED STORM SEWER	ST
PROPOSED ENDWALL STRUCTURE WITH RIP RAP	7 C6.1
PROPOSED ENDWALL STRUCTURE WITHOUT RIP RAP	7 C6.1
PROPOSED STORM SEWER MANHOLE	8 C6.1
PROPOSED STORM SEWER CONTROL STRUCTURE	9 C6.1
PROPOSED STORM SEWER INLET	8 C6.1
PROPOSED STORM SEWER CLEANOUT	10 C6.1
PROPOSED RIP RAP AREA	3 C6.1
PROPOSED BIORETENTION BASIN	9 C6.0

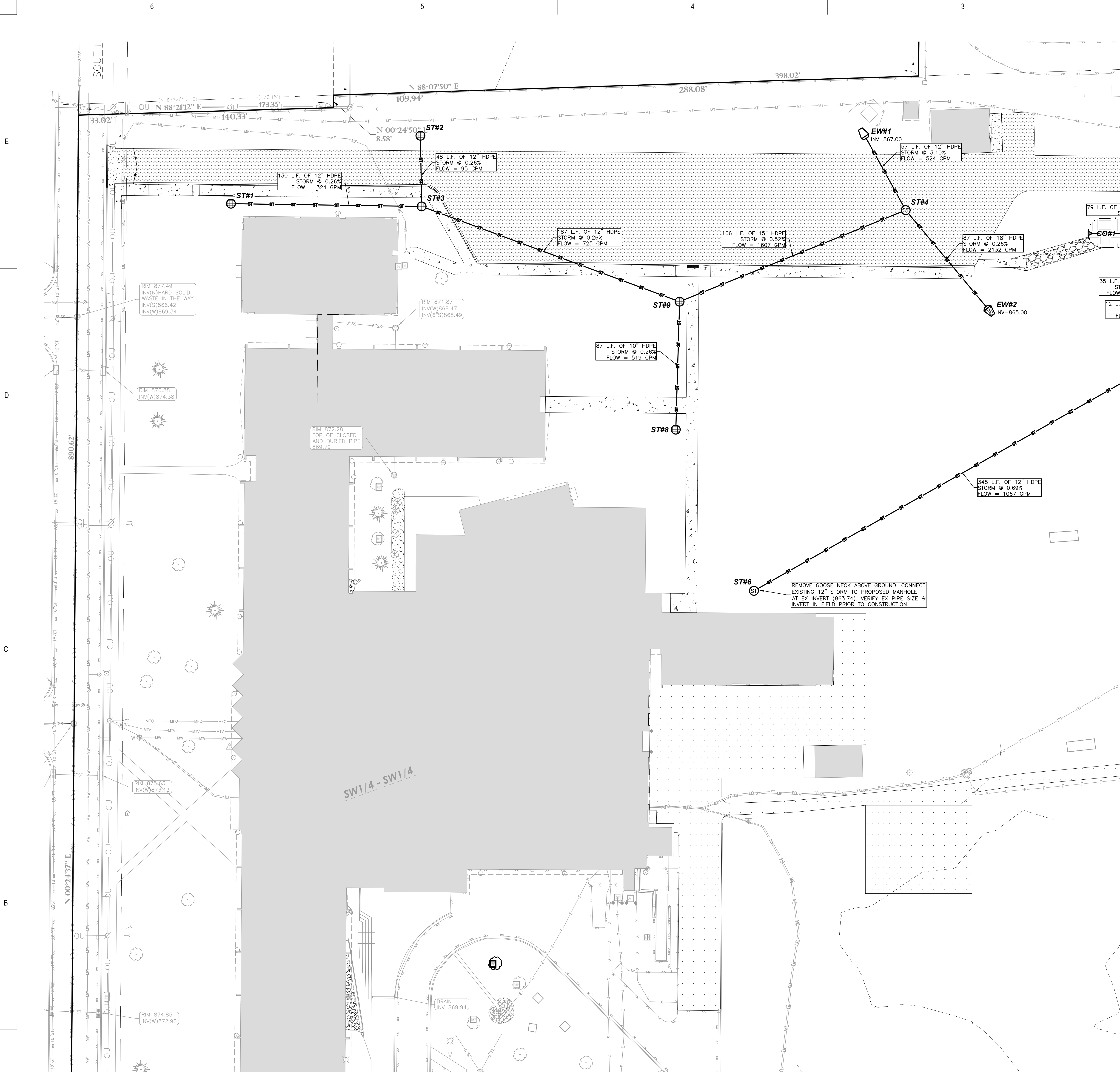
STORM MANHOLE SCHEDULE:

STRUCTURE #	STRUCTURE DETAILS	STRUCTURE #	STRUCTURE DETAILS
CS#1	RIM = 867.00 INV (N) = 862.00 INV (W) = 861.34 INV (NE) = 861.34 INV (SE) = 861.34 DEPTH = 5.66' 48" I.D. PRECAST MANHOLE W/ NEENAH R-1733-1 CASTING W/ SOLID LID	ST#6	RIM = 869.90 INV (W) = 863.74 INV (NE) = 863.74 DEPTH = 6.16' 48" I.D. PRECAST MANHOLE W/ NEENAH R-1555 CASTING W/ SOLID LID
ST#1	RIM = 871.69 INV (E) = 868.15 DEPTH = 3.54' 12" NYLOPLAST DRAIN BASIN W/ 12" DOME GRATE W/ 6" SUMP	ST#7	RIM = 866.79 INV (SW) = 863.79 DEPTH = 3.00' 48" I.D. PRECAST MANHOLE W/ NEENAH R-1555 CASTING W/ SOLID LID
ST#2	RIM = 870.34 INV (S) = 867.93 DEPTH = 2.41' 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#3	RIM = 871.05 INV (W) = 867.81 INV (N) = 867.81 INV (E) = 866.57 DEPTH = 4.48' 12" NYLOPLAST DRAIN BASIN W/ 12" DOME GRATE W/ 6" SUMP	ST#9	RIM = 868.96 INV (S) = 866.09 INV (W) = 866.09 INV (E) = 866.09 DEPTH = 3.37' 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 (SE) = 865.23 DEPTH = 4.75' 24" NYLOPLAST DRAIN BASIN W/ 24" SOLID LID W/ 6" SUMP	ST#10	RIM = 868.47 INV (S) = 865.87 DEPTH = 3.10' 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	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

CLEAN OUT SCHEDULE:

STRUCTURE #	STRUCTURE DETAILS
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BENCHMARK:

ELEVATIONS ARE REFERENCED TO NGVD 29 DATUM.

BENCHMARK #1
600 SPIKE ON NORTH SIDE OF POWER POLE,
LOCATED APPROXIMATELY 70 FEET EAST 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 BUILDING.
ELEVATION = 871.44

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

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ELEVATION = 877.61

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ARROW BOLT ON HYDRANT, LOCATED APPROXIMATELY 175 FEET NORTHEAST OF THE NORTHWEST CORNER OF THE WHITEWATER UNITED SCHOOL DISTRICT CENTRAL OFFICE BUILDING.
ELEVATION = 868.34

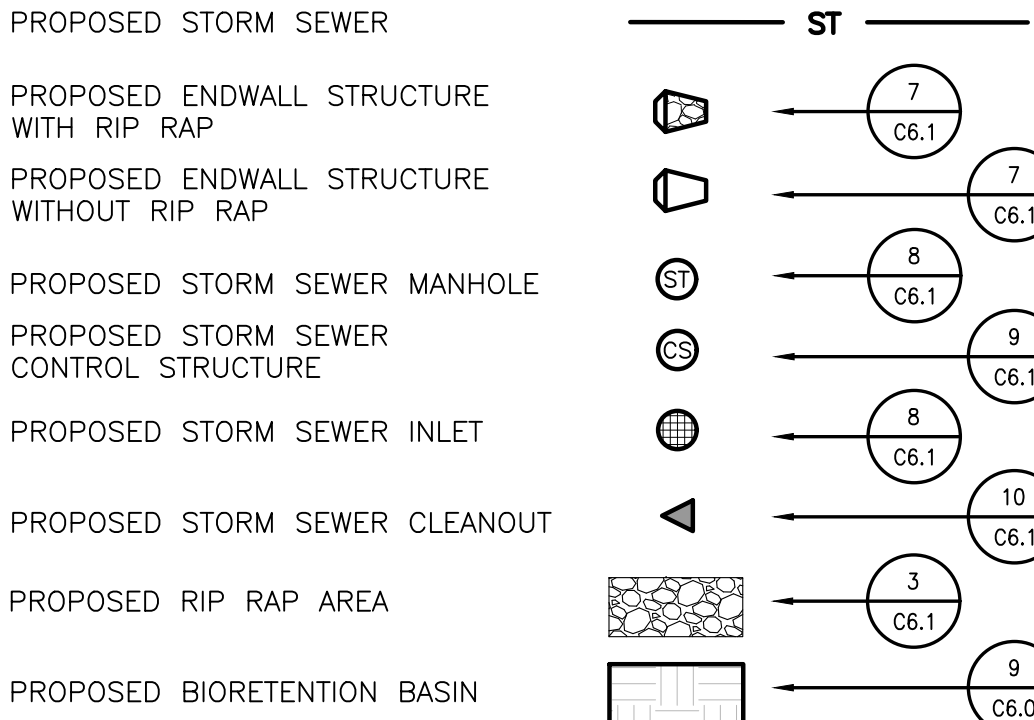
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UTILITY LEGEND:

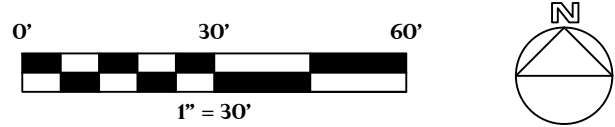


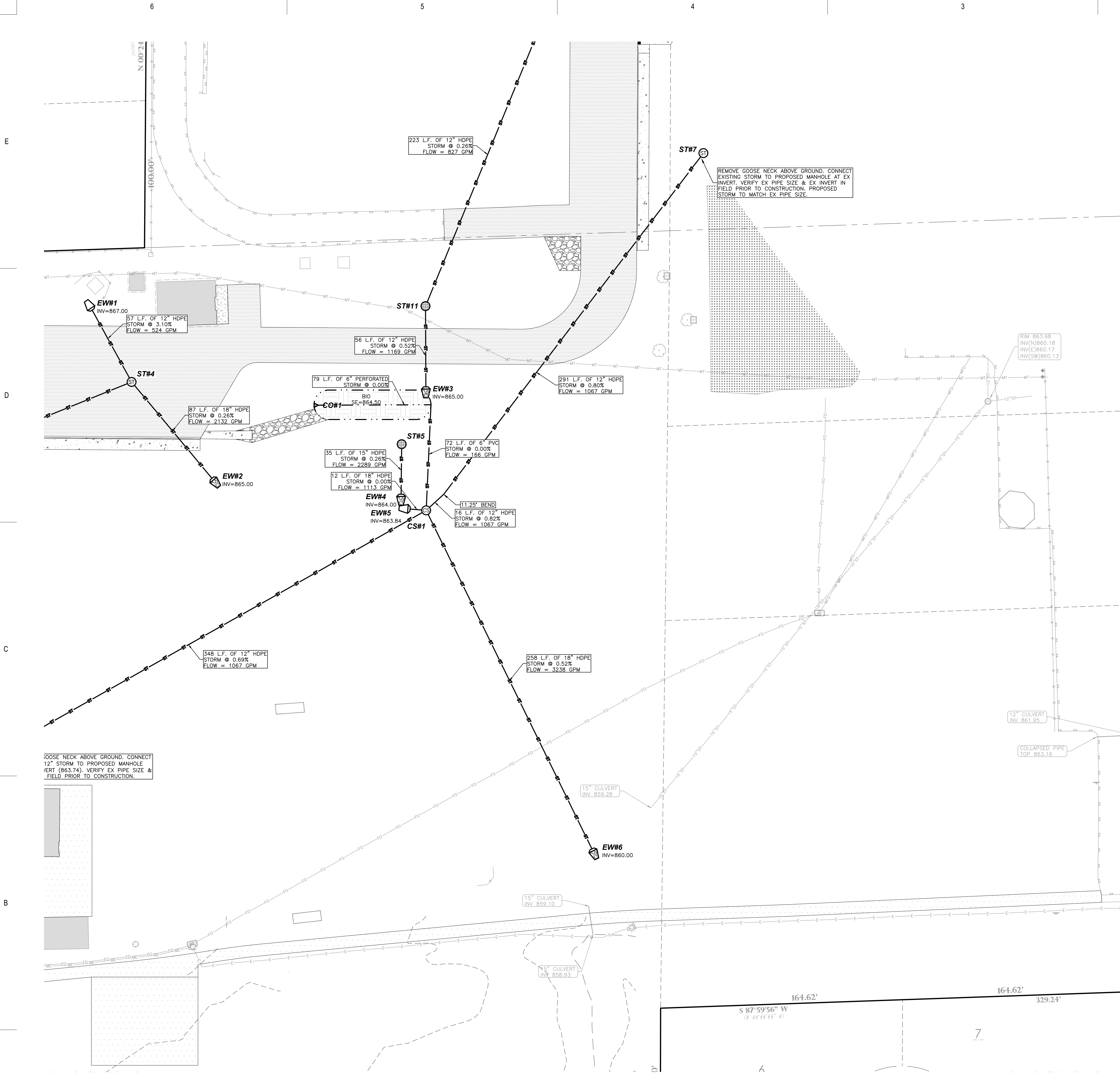
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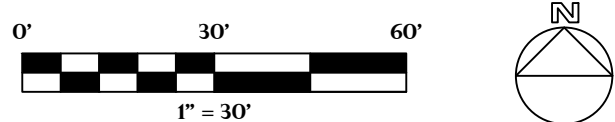
PROPOSED STORM SEWER	ST
PROPOSED ENDWALL STRUCTURE WITH RIP RAP	7 C6.1
PROPOSED ENDWALL STRUCTURE WITHOUT RIP RAP	7 C6.1
PROPOSED STORM SEWER MANHOLE	8 C6.1
PROPOSED STORM SEWER CONTROL STRUCTURE	9 C6.1
PROPOSED STORM SEWER INLET	8 C6.1
PROPOSED STORM SEWER CLEANOUT	10 C6.1
PROPOSED RIP RAP AREA	3 C6.1
PROPOSED BIORETENTION BASIN	9 C6.0

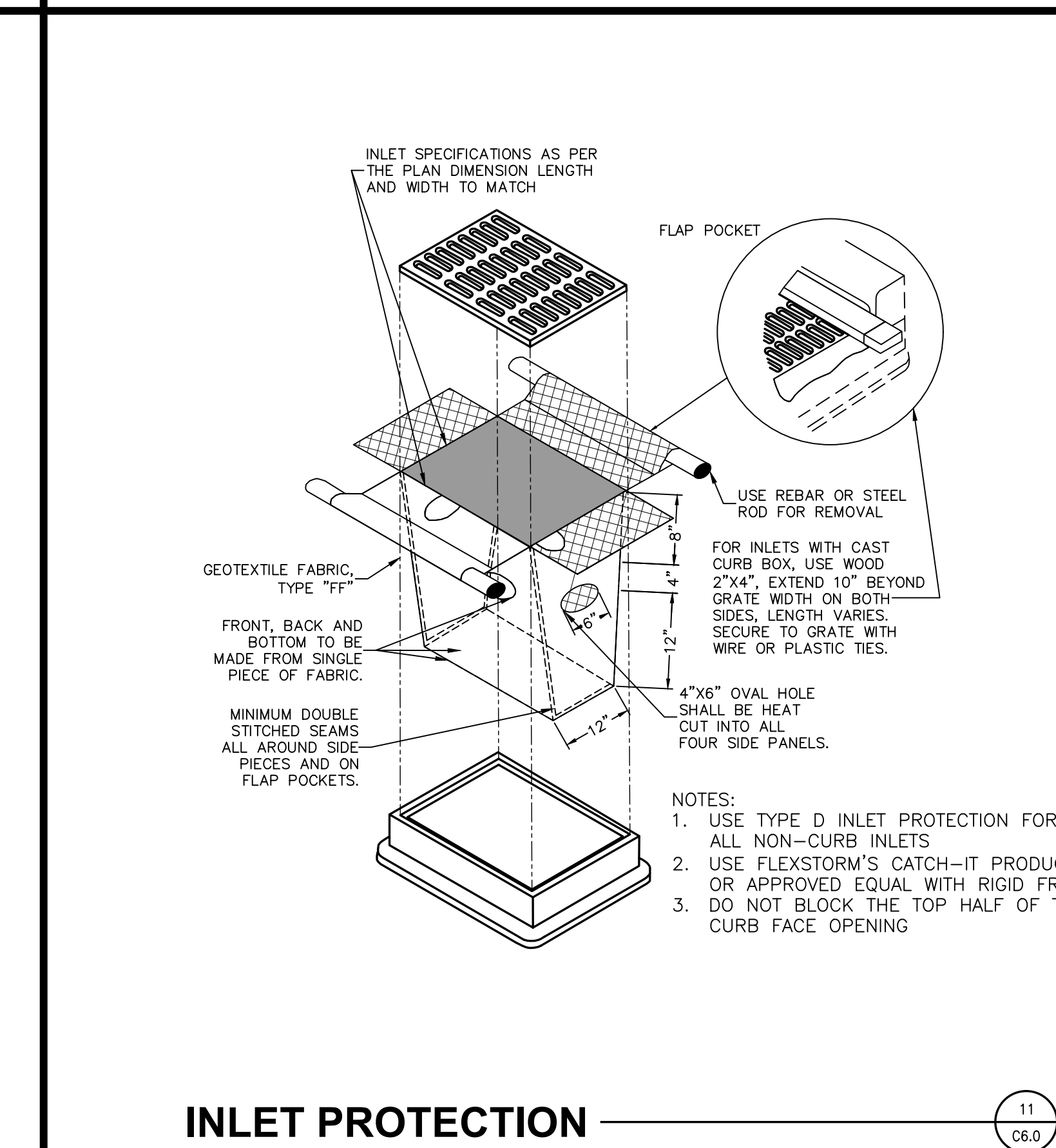
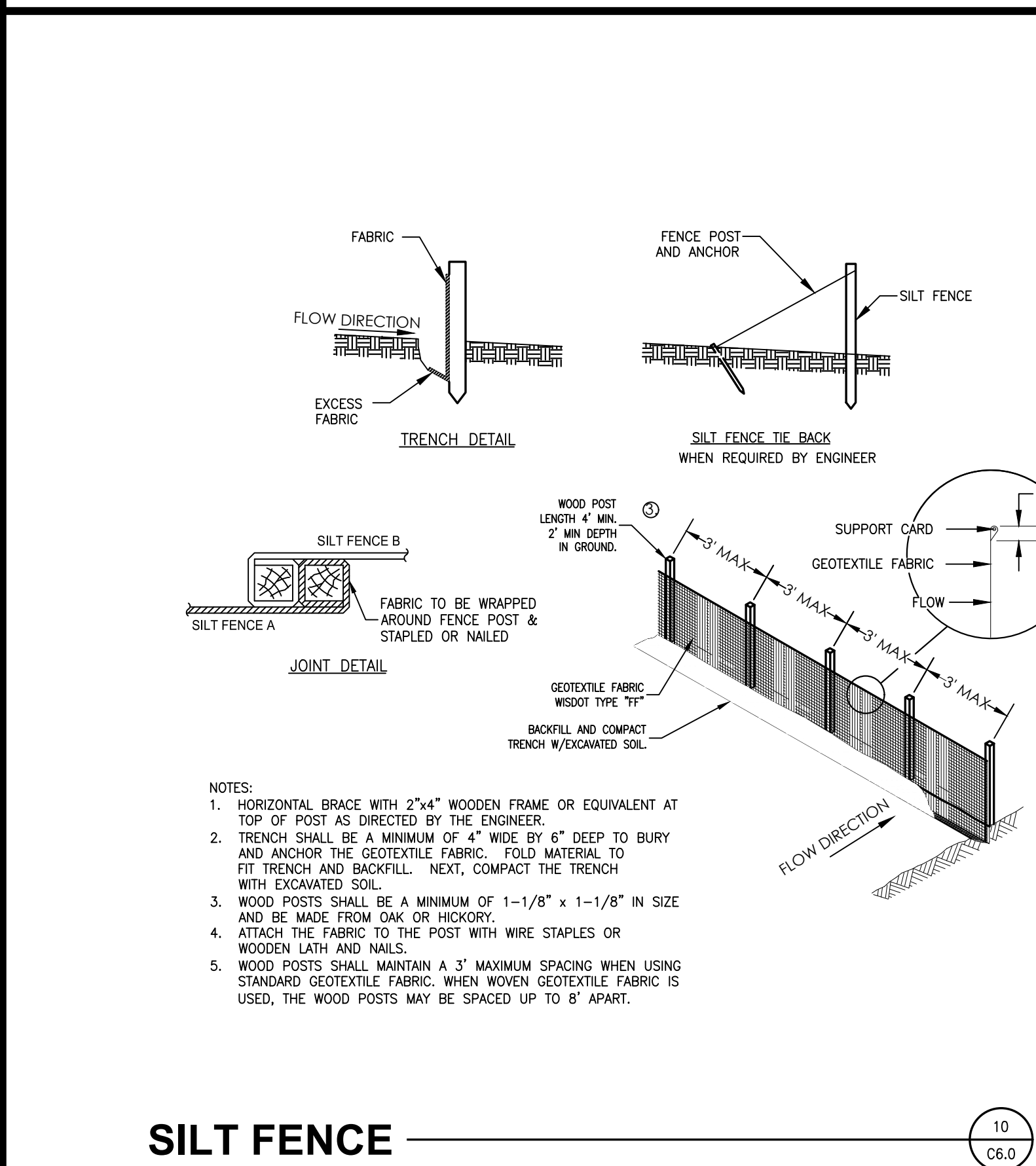
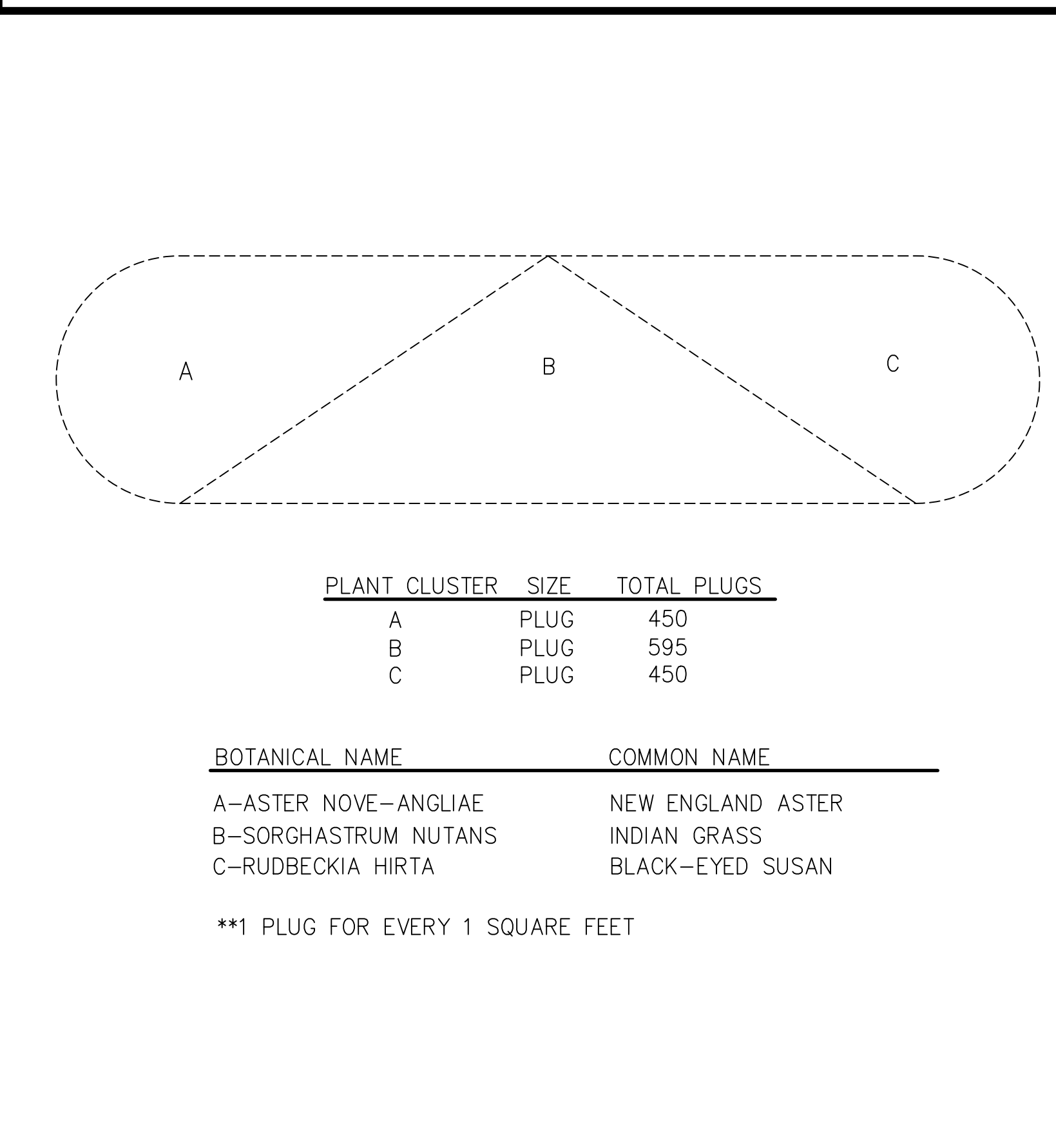
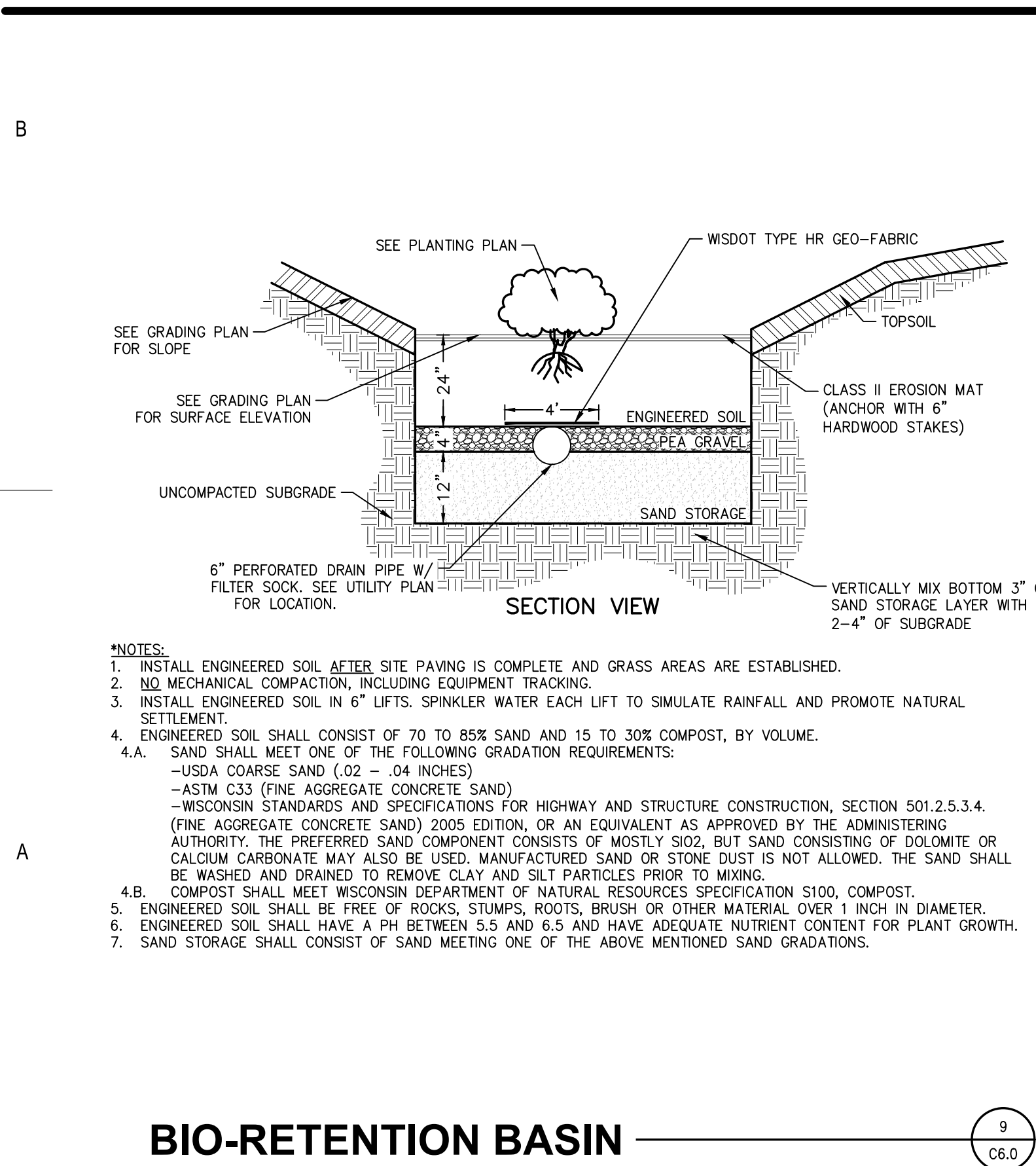
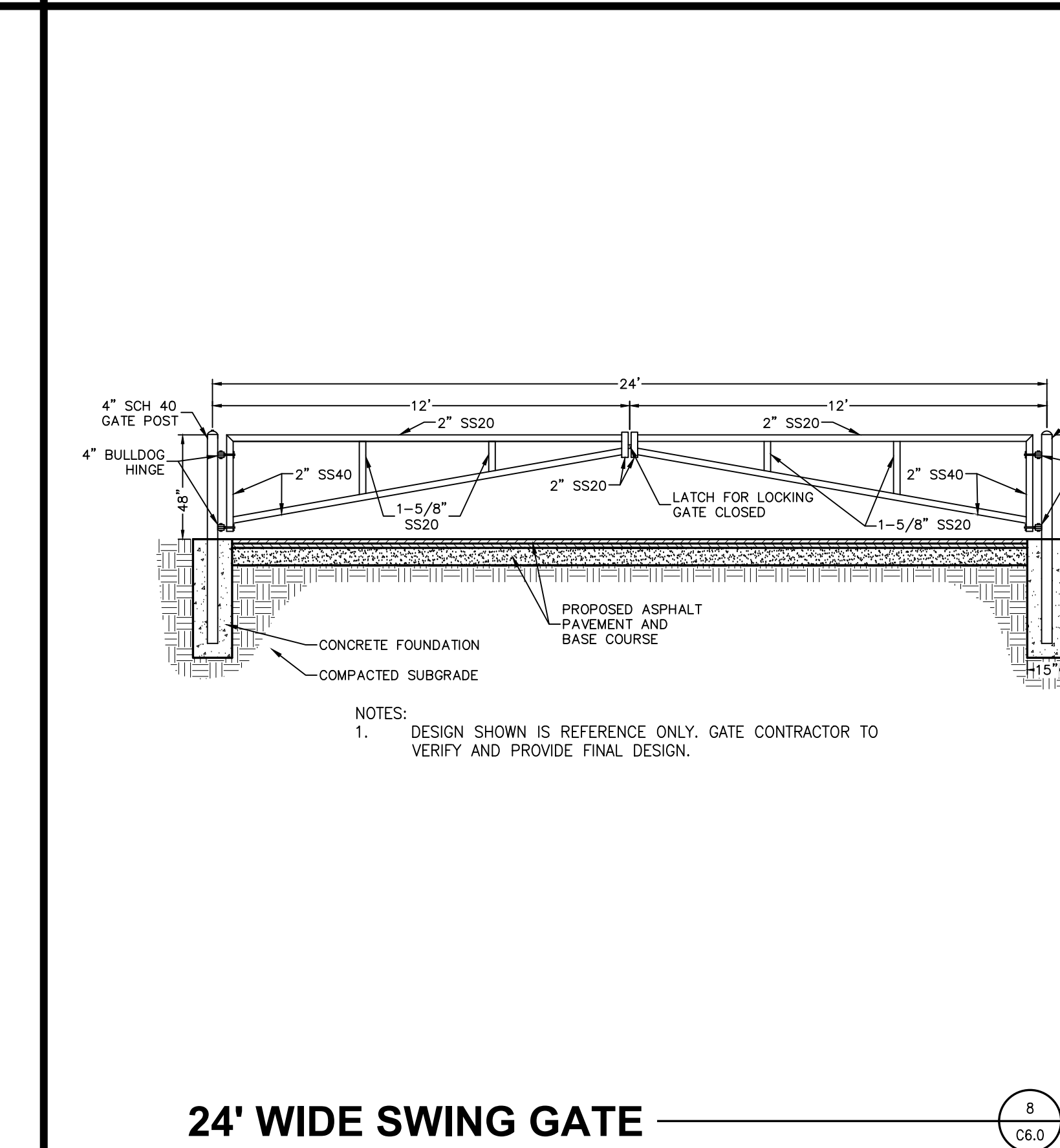
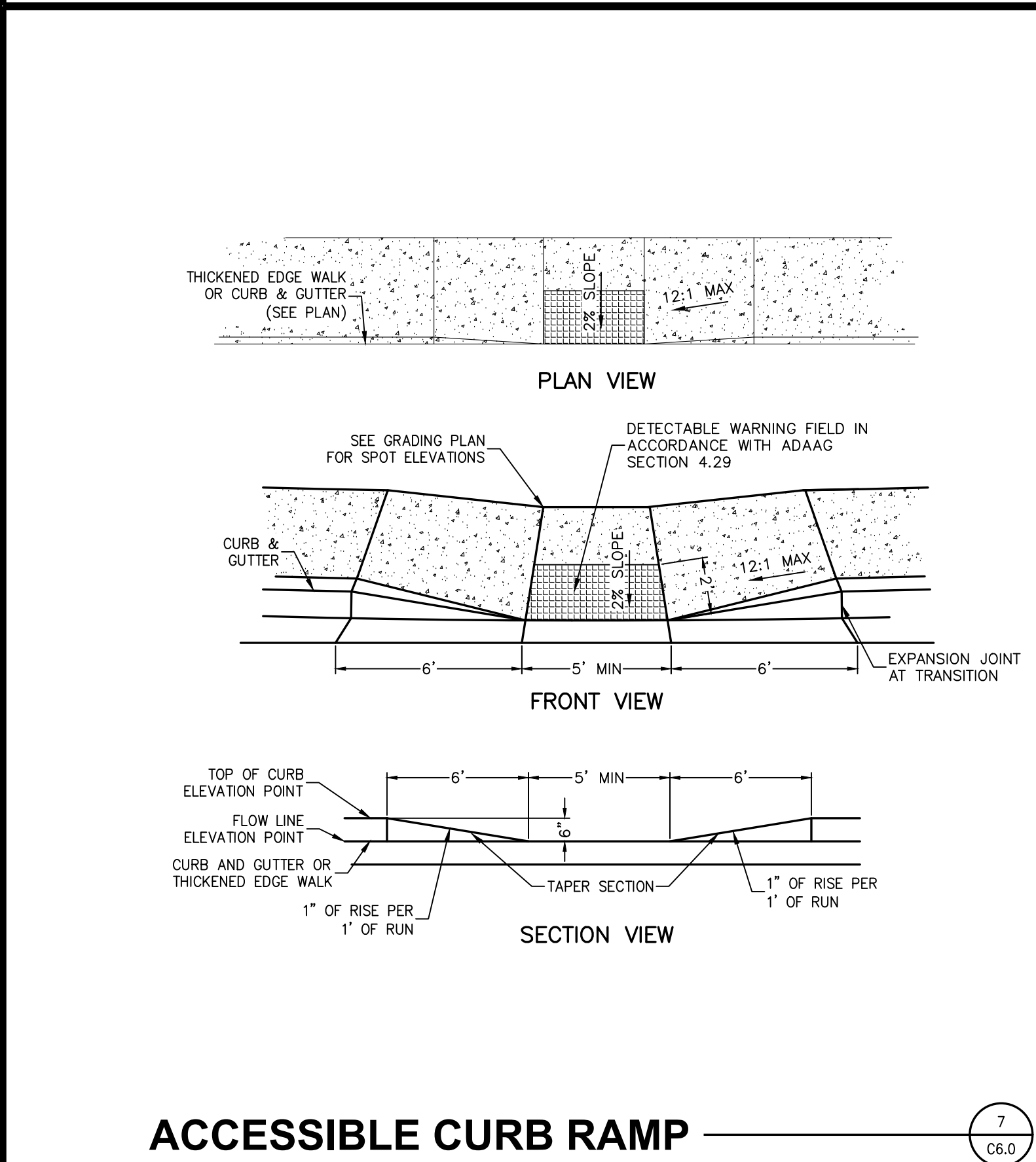
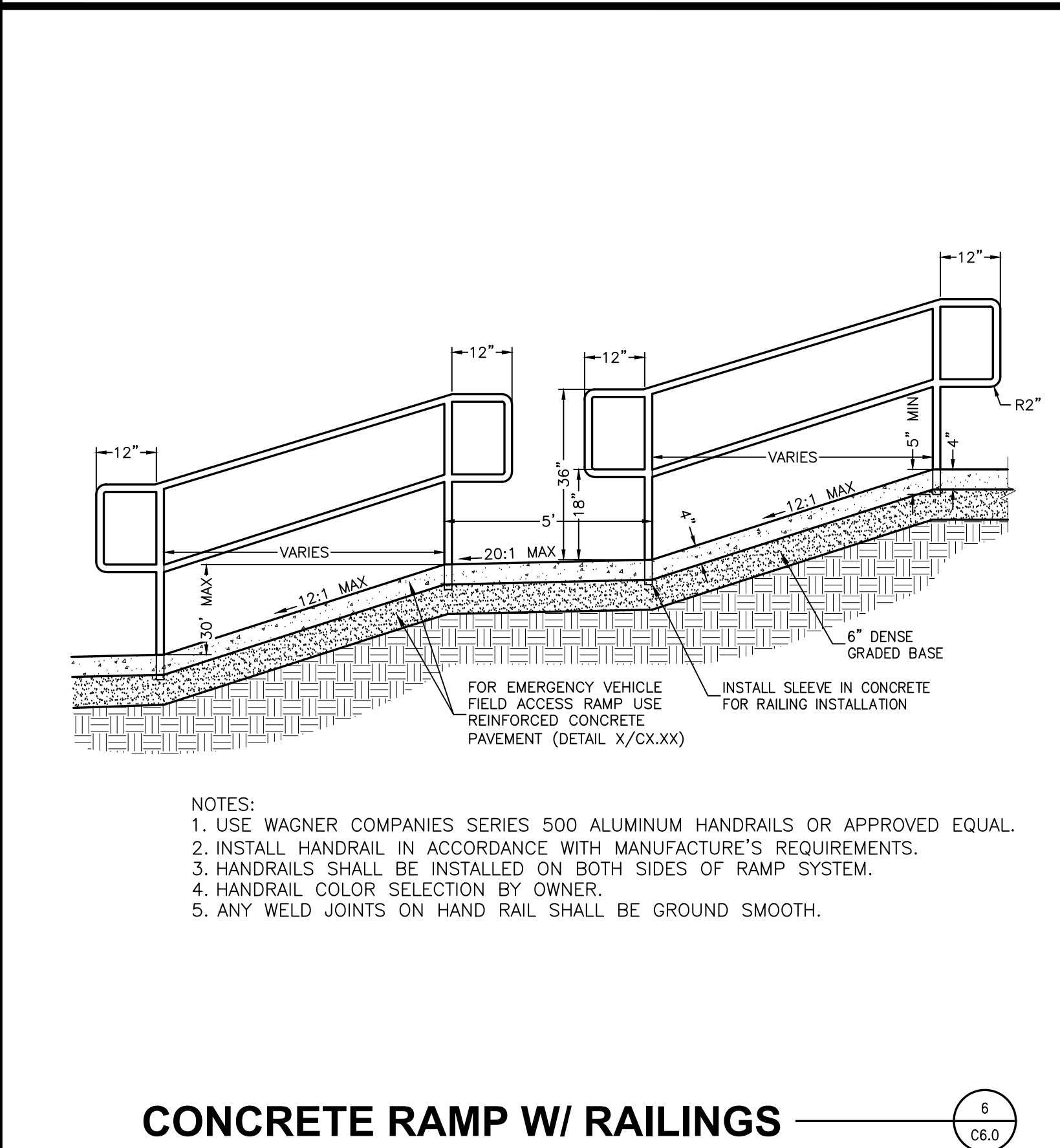
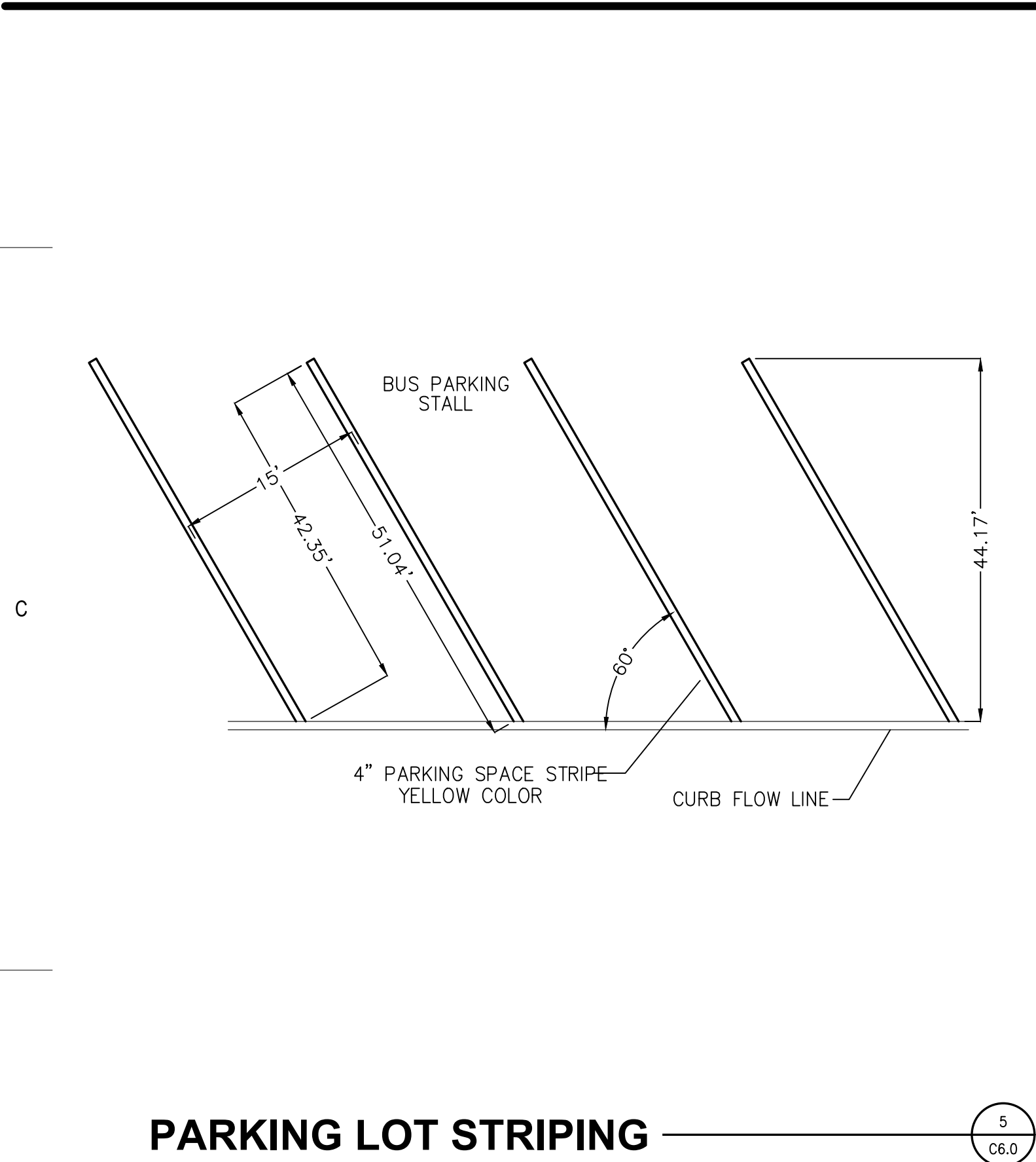
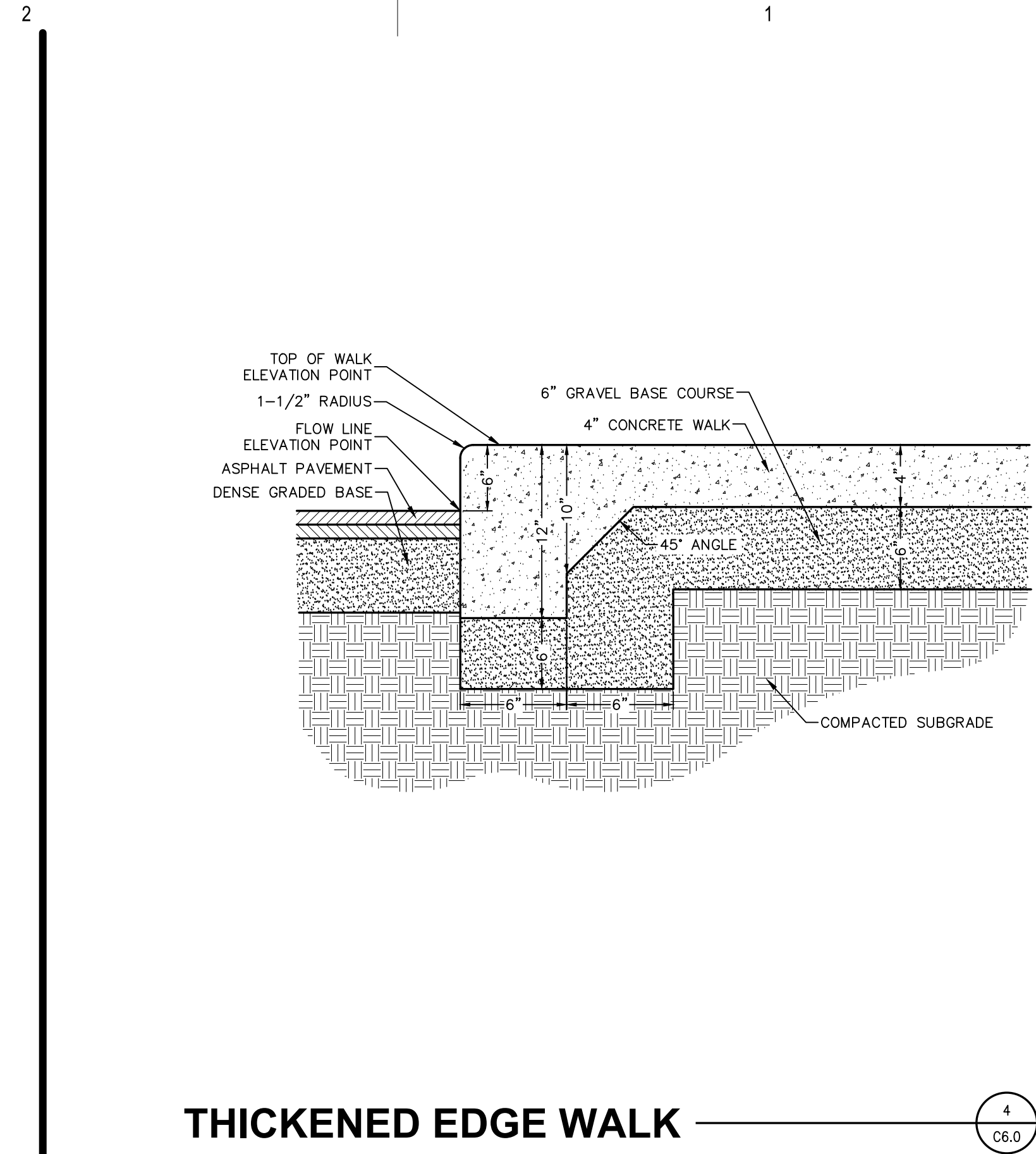
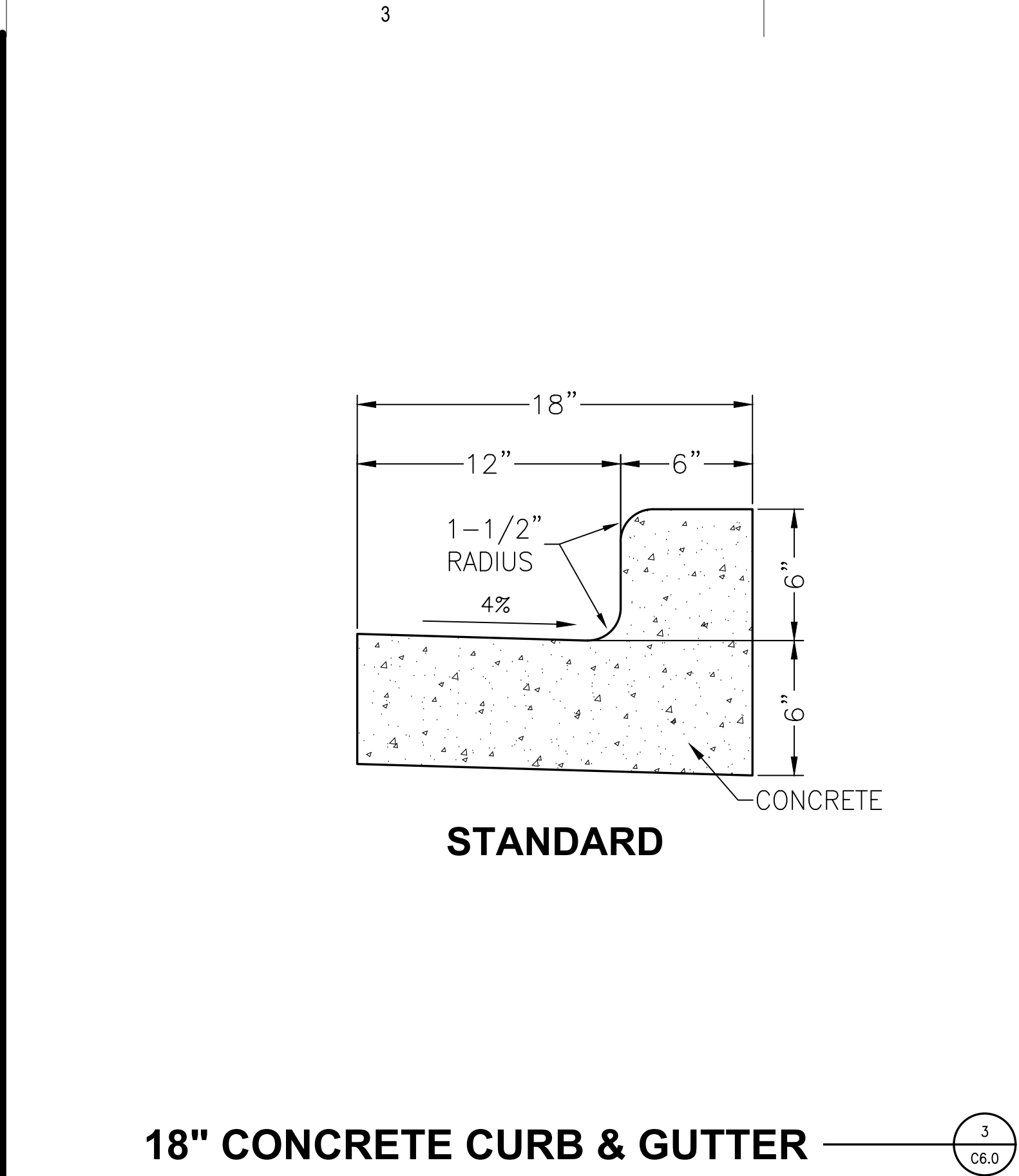
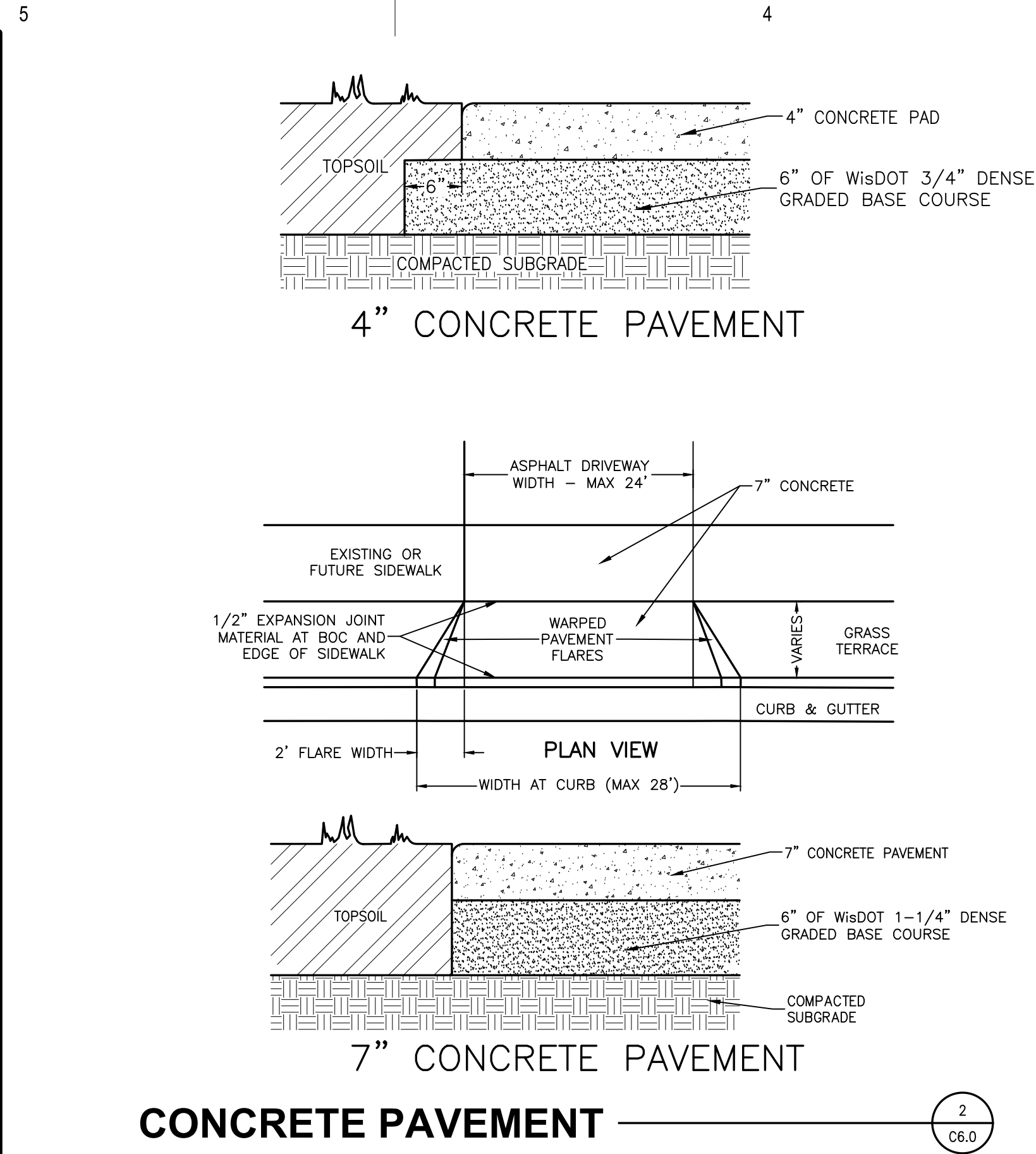
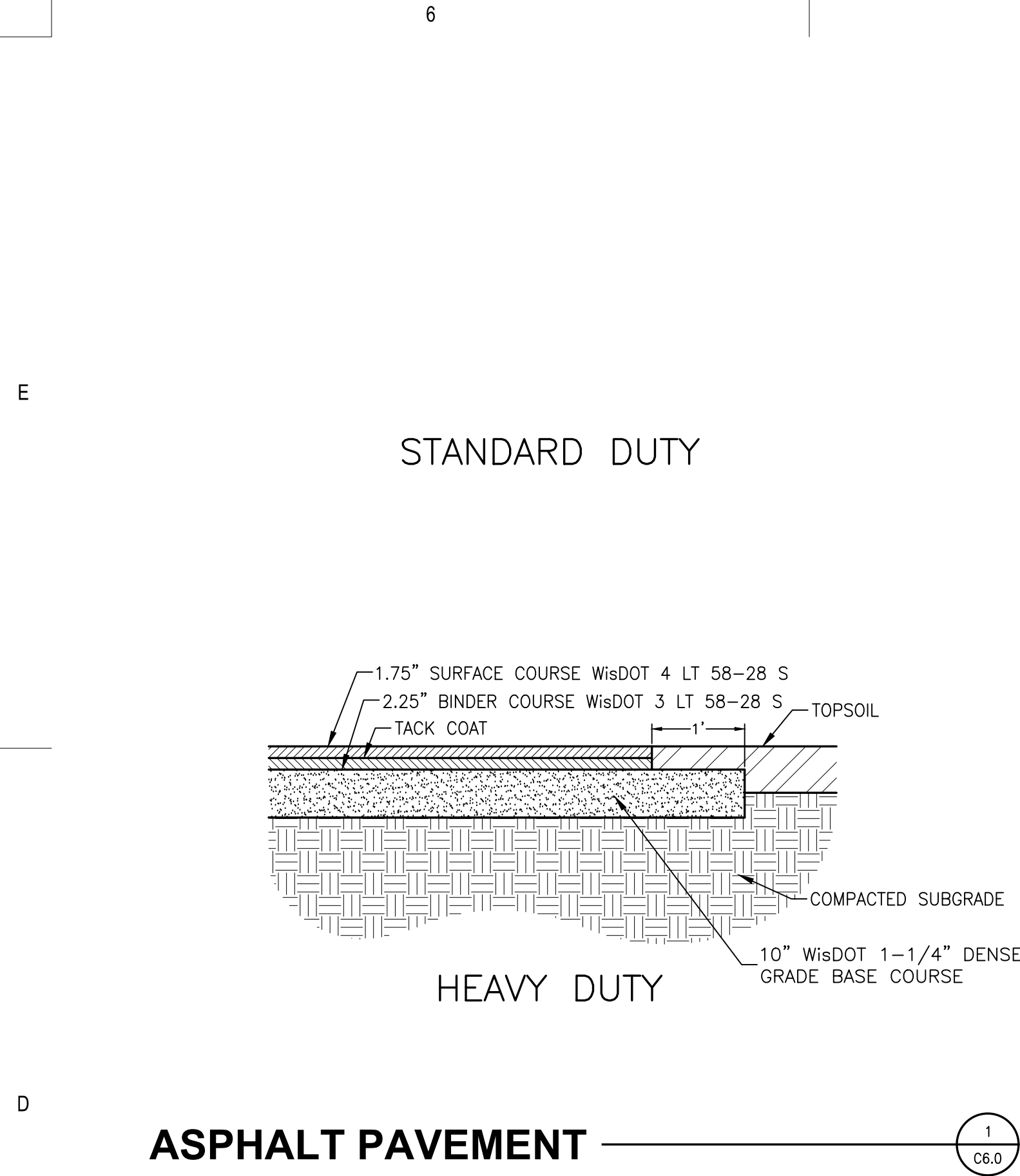
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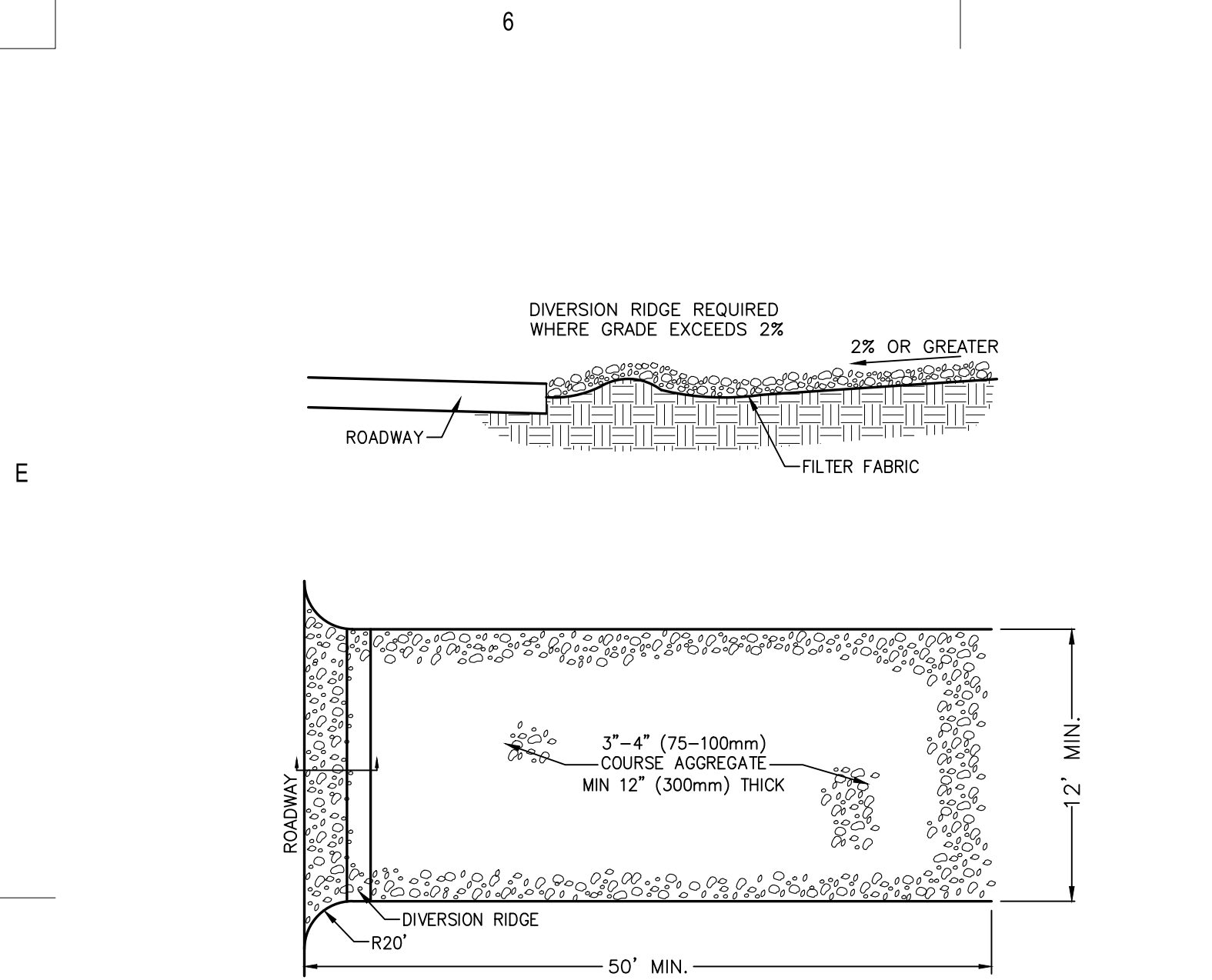
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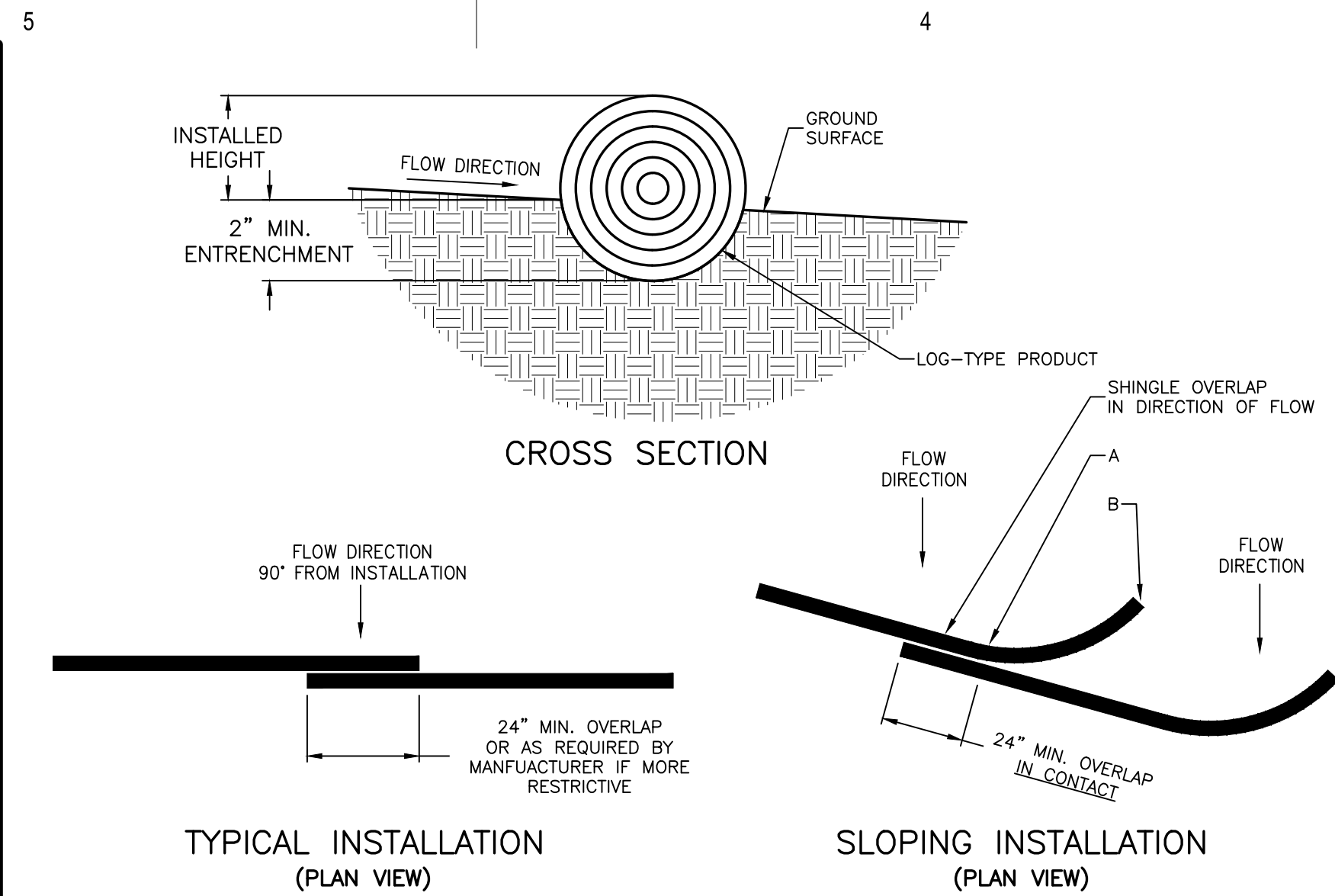




ROCK CONSTRUCTION ENTRANCE

1

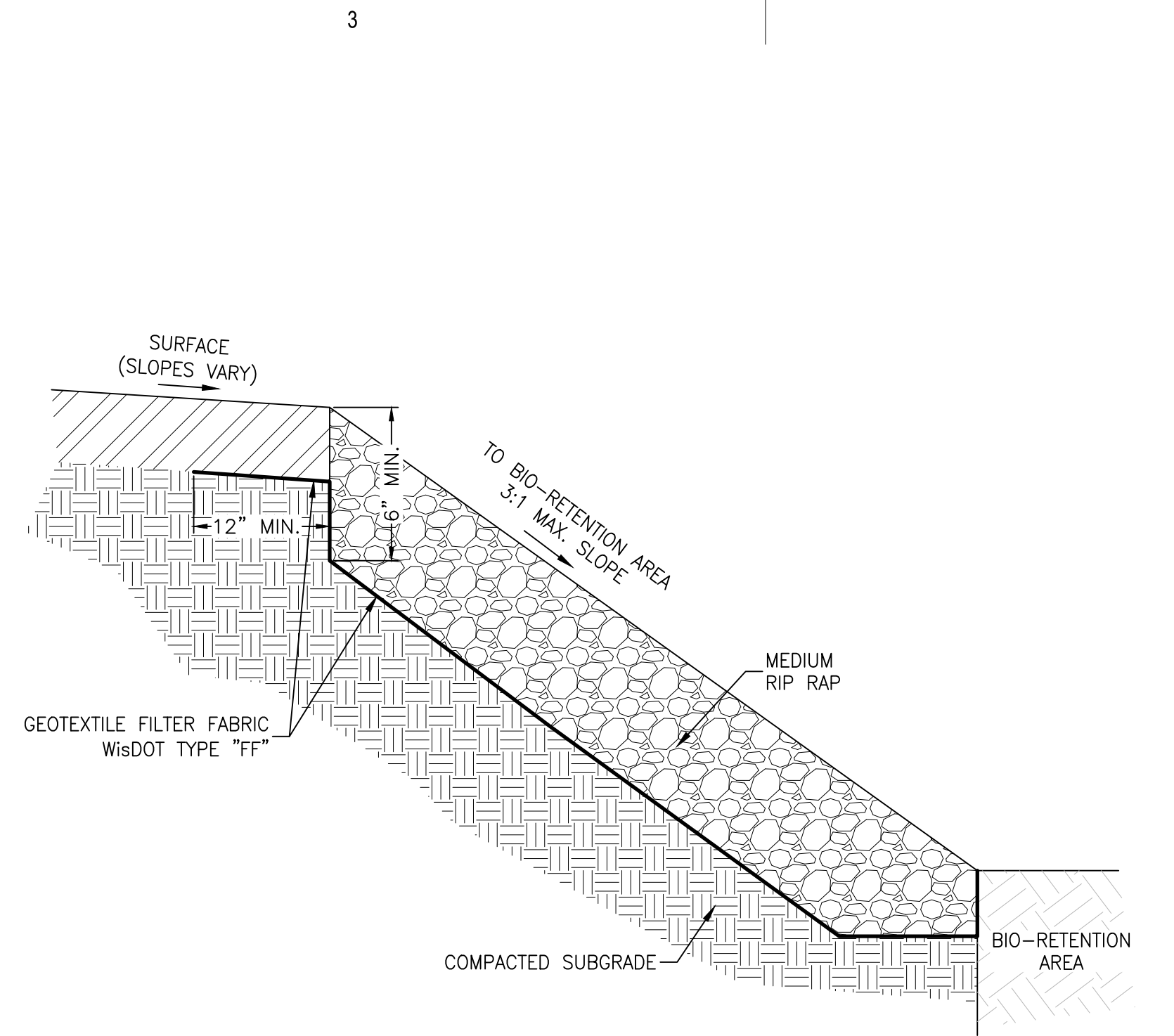
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TEMPORARY DITCH CHECK

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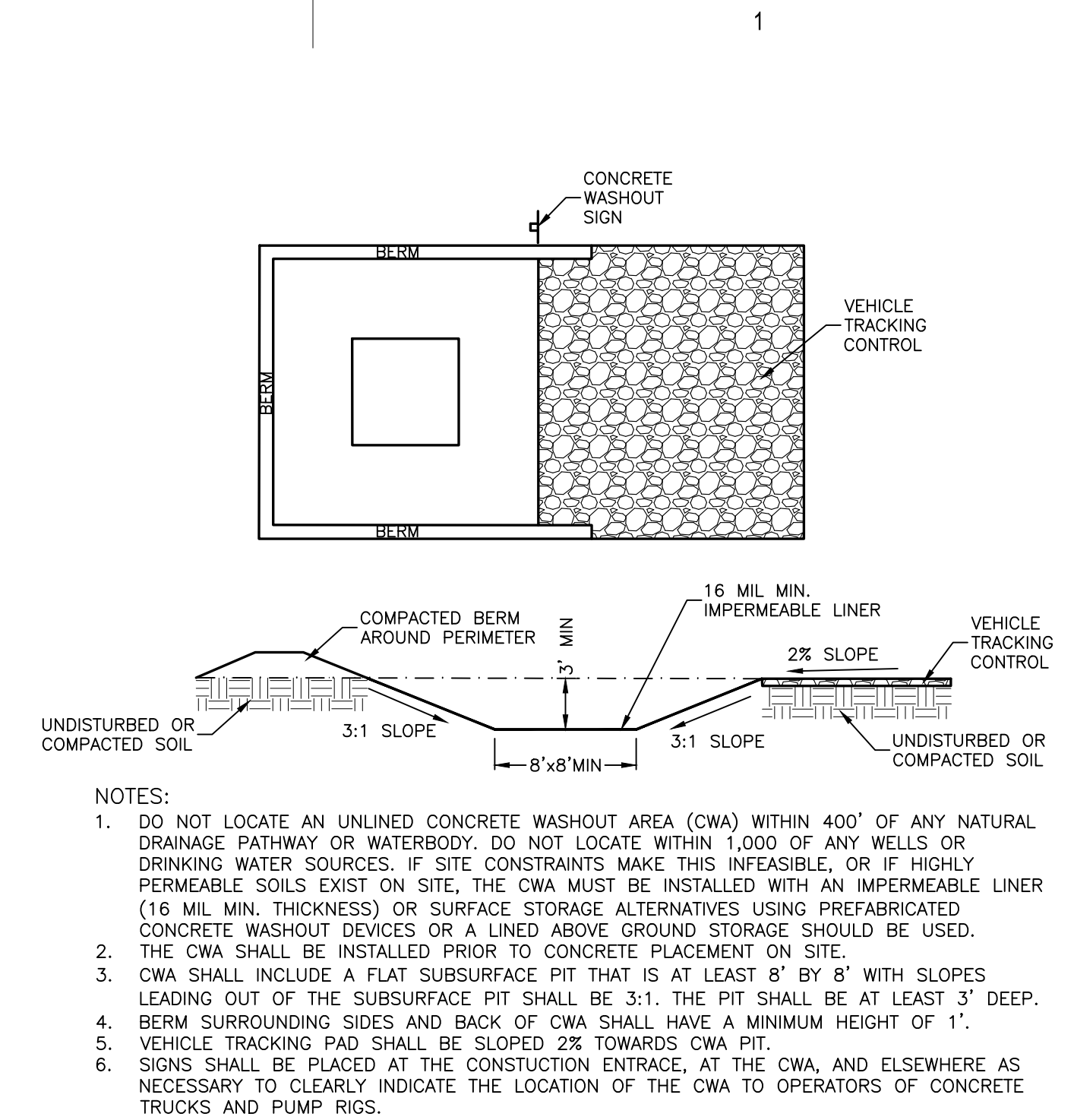
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RI PRAP AREA

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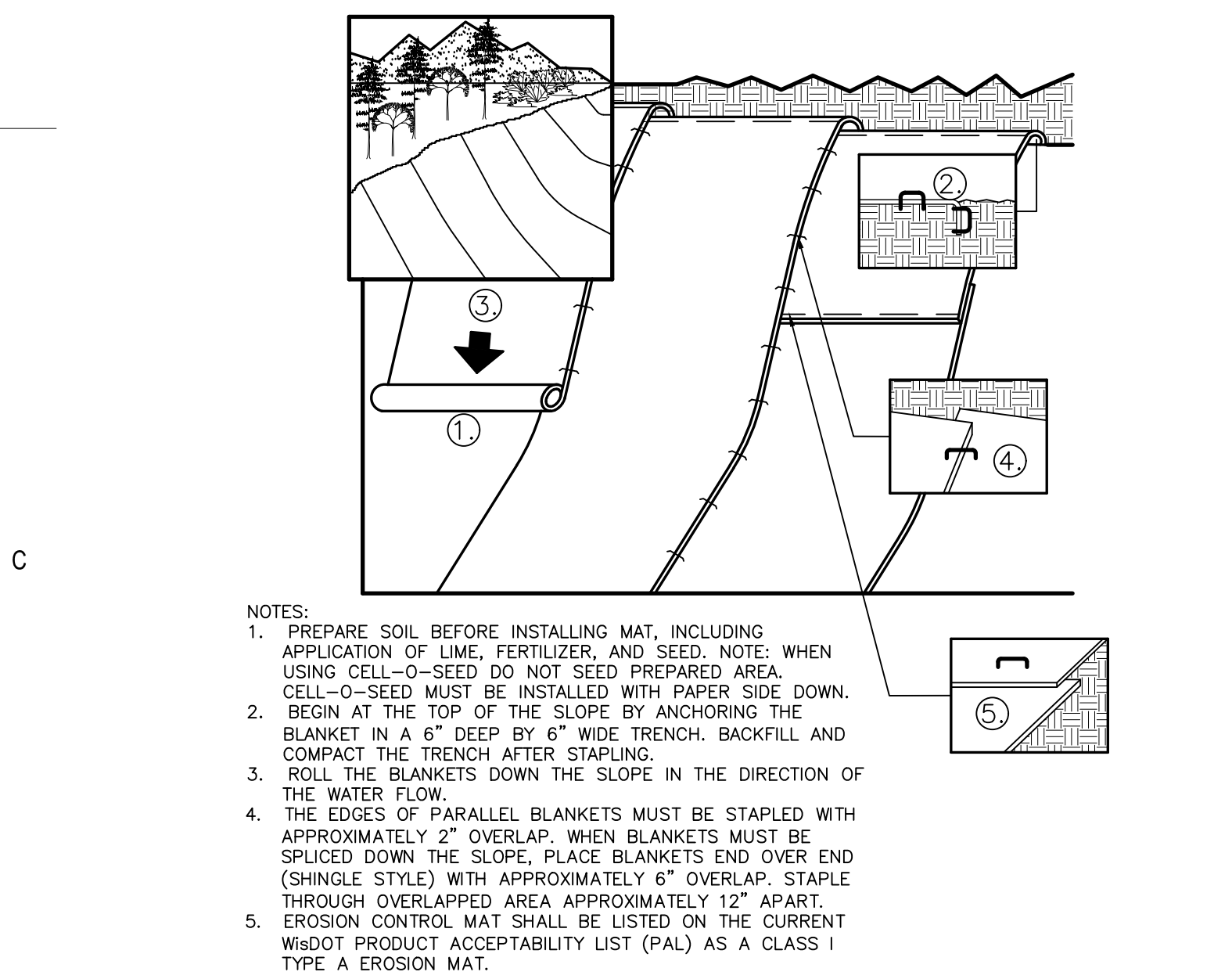
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CONCRETE WASHOUT

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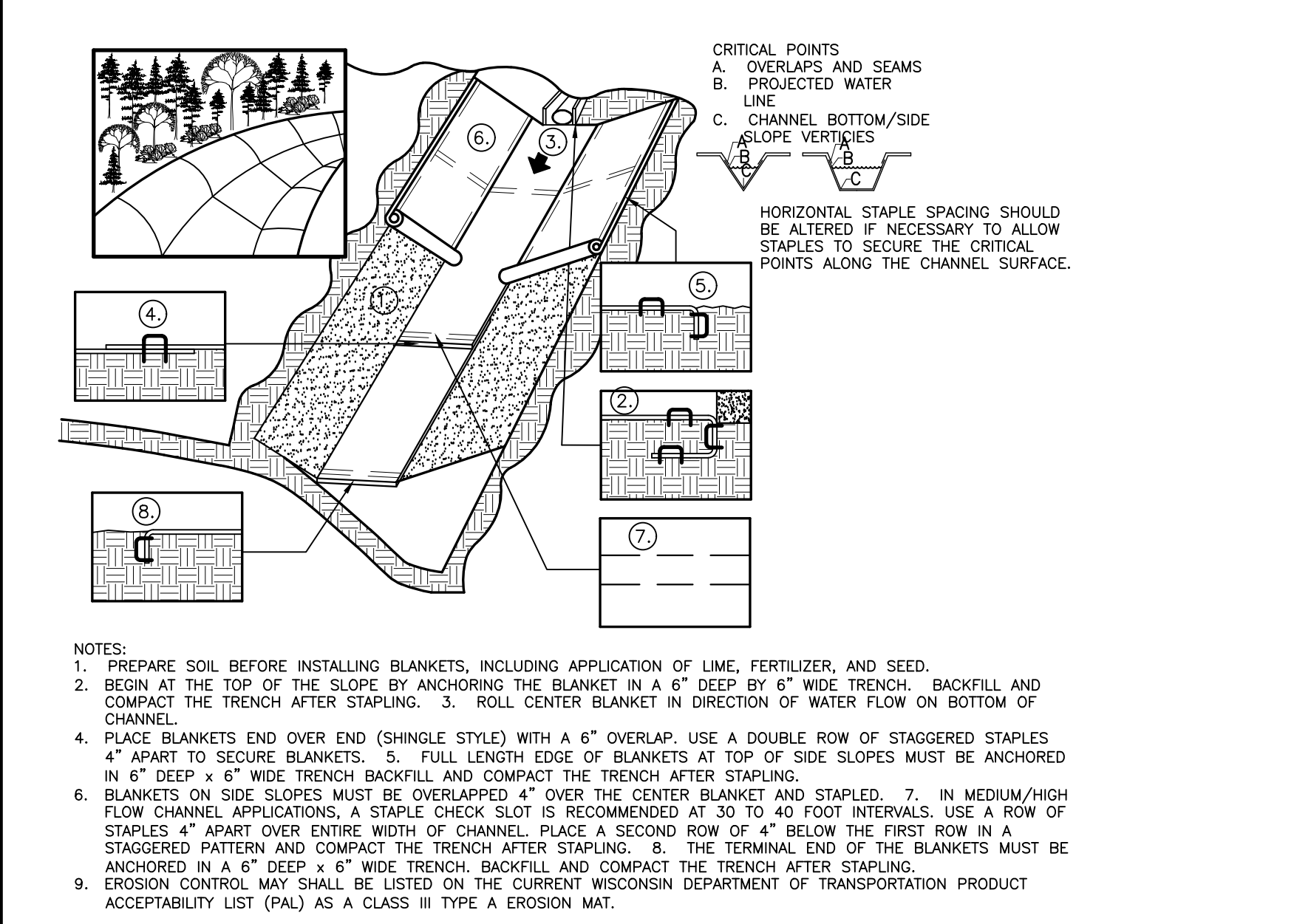
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EROSION MAT - SLOPES

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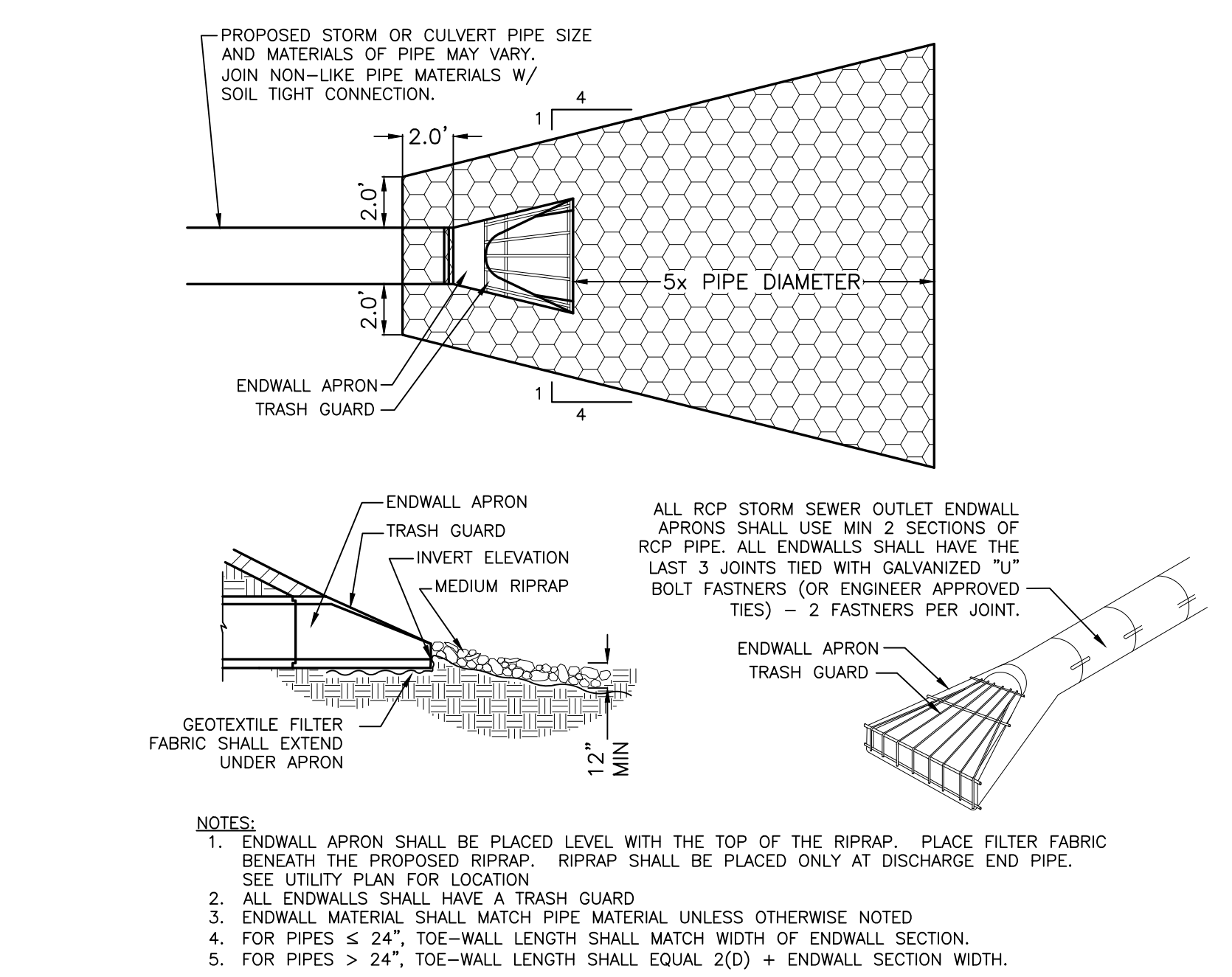
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EROSION MAT - CHANNEL

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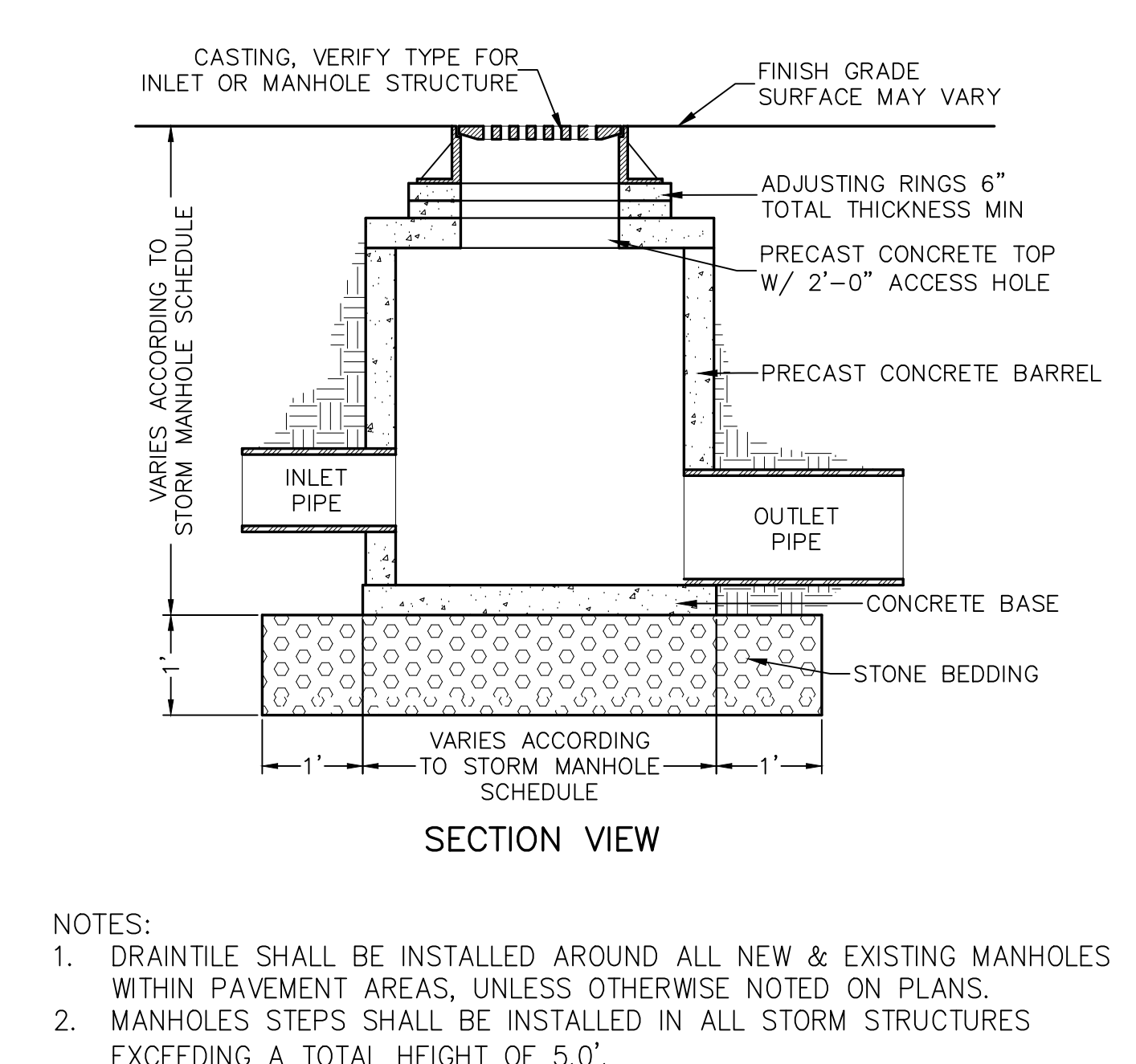
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ENDWALL STRUCTURE

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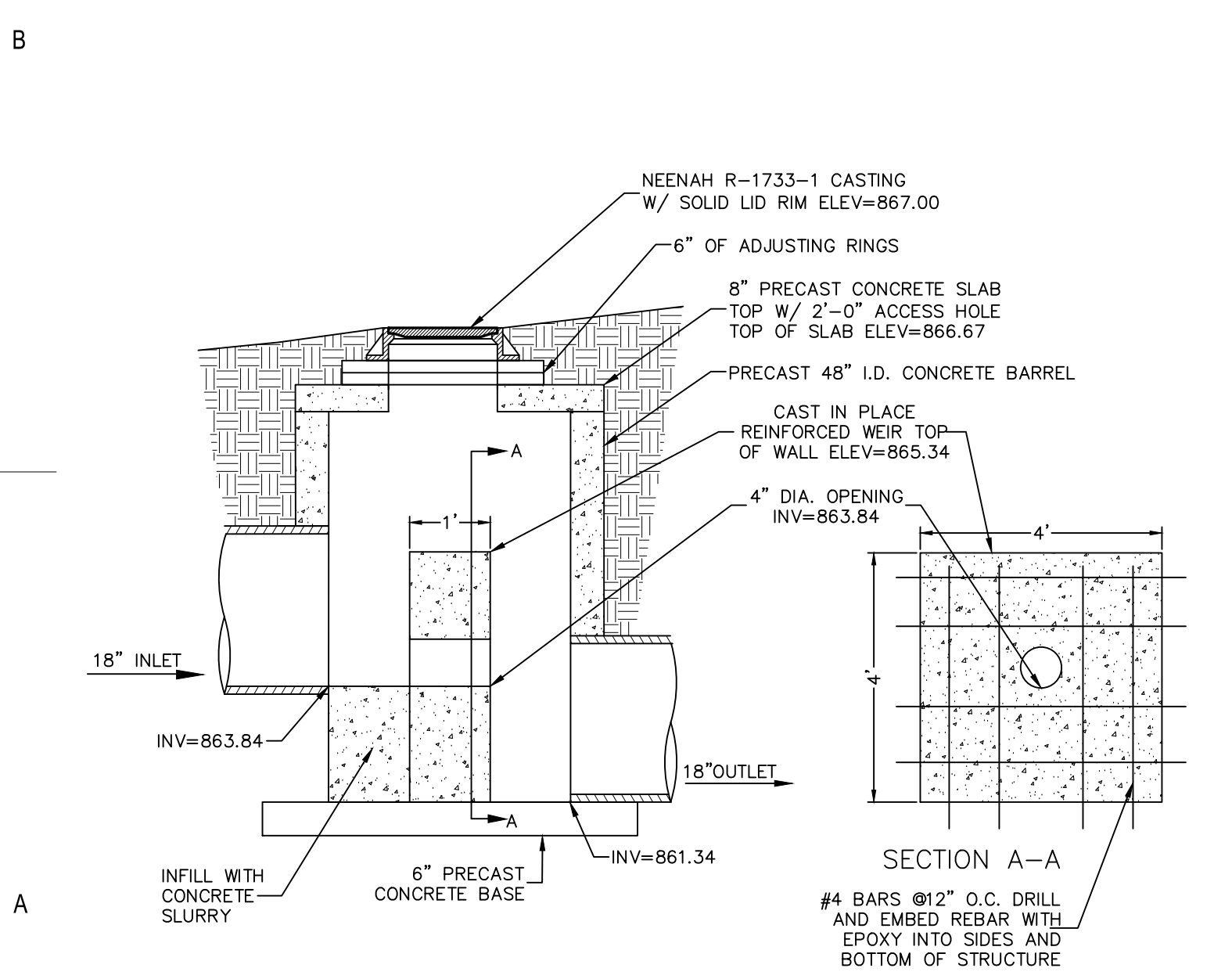
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STORM MANHOLE

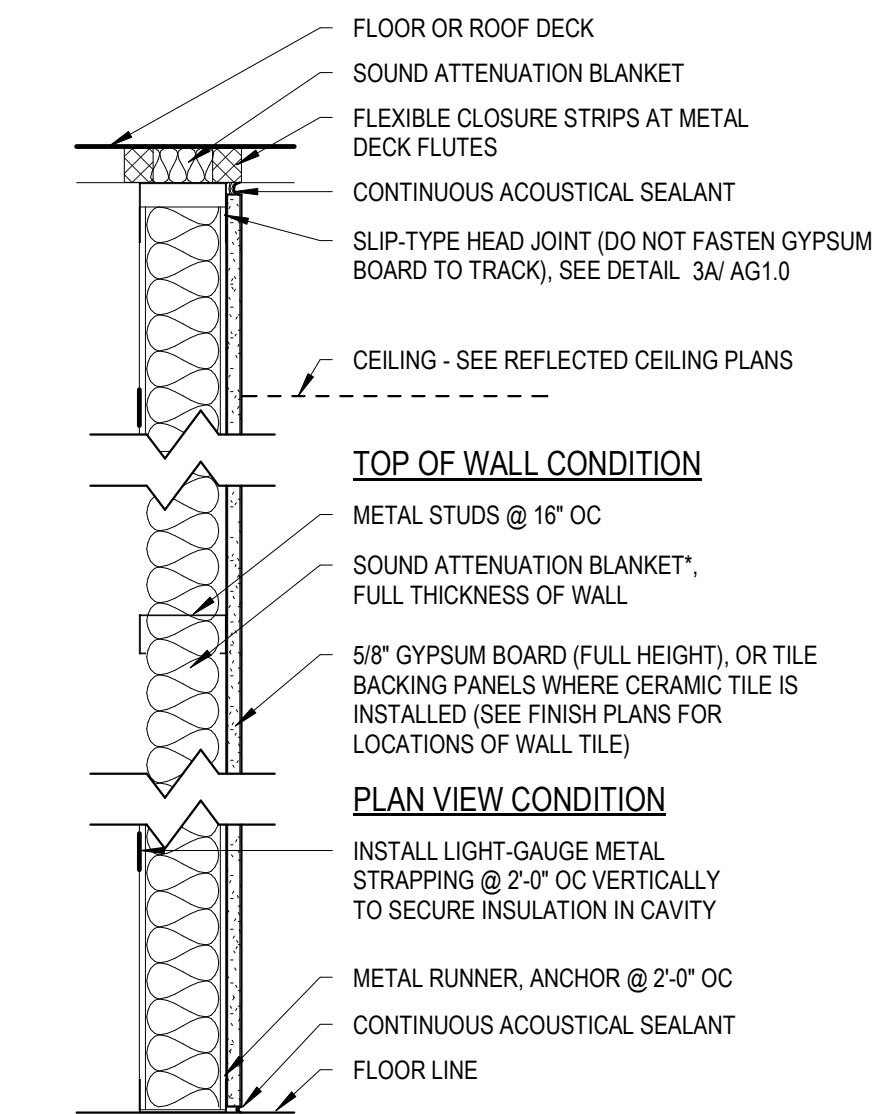
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C6.1



SYMBOL LEGEND

MATERIAL SYMBOLS	GRAPHIC SYMBOLS
ALUMINUM	ROOM NAME ROOM NUMBER
BATT INSULATION	BUILDING SECTION NUMBER SHEET NUMBER
CONCRETE	WALL SECTION NUMBER SHEET NUMBER
CONCRETE BLOCK	DETAIL NUMBER SHEET NUMBER
EARTH	DOOR NUMBER
FACE BRICK	BORROWED LITE TYPE
FINISH WOOD	WINDOW TYPE STOREFRONT TYPE CURTAIN WALL TYPE
GRAVEL	DEMO KEYNOTE
GROUT	KEYNOTE
GYPSUM BOARD	WALL TYPE
PLYWOOD	VERTICAL WORKING POINT ELEVATION
RIGID INSULATION	REVISION
ROUGH LUMBER	NORTH ARROW PLAN NORTH
SAND	EXISTING WALL EXISTING DOOR
SPRAY APPLIED INSULATION	DEMOLISHED WALL DEMOLISHED DOOR
STEEL	NEW WALL NEW DOOR
	EXISTING GRID LINES
	NEW GRID LINES



1/2" IN WALL TAG INDICATES WALLS WITHOUT SOUND ATTENUATION BLANKET	C#	INDICATES NOMINAL STUD SIZE
	C2	1 5/8" STUD 2 1/4" DEEP
	C3	2 1/2" STUD 3 1/8" DEEP
	C4	3 5/8" STUD 4 1/4" DEEP
	C6	6" STUD 6 5/8" DEEP
	C8	8" STUD 8 5/8" DEEP

3A SLIP-TYPE HEAD JOINT

AG1.0 Scale: 3" = 1'-0"

PROJECT KEYNOTE LEGEND

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

TYPICAL ABBREVIATIONS

@	AT	FCO	FLOOR CLEANOUT	OHDR	OVERHEAD DOOR
A/C	AIR CONDITIONING	FCS	FIBER CEMENT SIDING	OPH	OPPOSITE HAND
ACC	ACCESSIBLE	FD	FLOOR DRAIN	OPNG	OPENING
ACM	ALUMINUM COMPOSITE PANEL	FE	FIRE EXTINGUISHER		
ACR	ACOUSTICAL CEILING REFLECTOR	FE-36	FIRE EXTINGUISHER (AGENT 36 FOR COMPUTERS)	POCNC	POLISHED CONCRETE
ACS FLR	ACCESS FLOOR	FEC	FIRE EXTINGUISHER CABINET	PLAM	PLASTIC LAMINATE
ACS PNL	ACCESS PANEL	FEP	FINISHED END PANEL	PLAS	PLASTER
ACST	ACOUSTIC	FGL	FIBERGLASS	PLBG	PLUMBING
ADH	ADHESIVE	FGL	FIBERGLASS	PLYWD	PLYWOOD
ADJ	ADJUSTABLE	FHP	FULL HEIGHT PARTITION	PNL	PANEL
AE	ATHLETIC EQUIPMENT	FIN	FINISH	POL	POLISHED
AED	AUTOMATIC EXTERNAL DEFIBRILLATOR	FIXT	FIXTURE	PRECAST	PREGAST
AF	ABOVE FINISHED FLOOR	FL	FLOOR LINE	PREFAB	PREFABRICATED
AHR	ANCHOR	FLASH	FLASHING	PREFIN	PREFINISHED
ALT	ALTERNATE	FLG	FLOORING	PROJ	PROJECT
ALUM	ALUMINUM	FOM	FACE OF MASONRY	PT	PAINT
ANIC	ACOUSTICAL METAL PAN CEILING	FOS	FACE OF STUDS	PVG	PAVING
ANOD	ANODIZED (I)	FOW	FACE OF WALL	PWMT	PAVEMENT
AP	ACRYLIC PANEL	FP	FIREPROOF (ING)	PWR	POWER
APC	ACOUSTICAL PANEL CEILING	FPGL	FIRE PROTECTIVE GLAZING UNIT		
APPROX	APPROXIMATE	FRFD	FIRE RATED FOLDING DOOR	QT	QUARRY TILE
ARB	AIR BARRIER	FRG	FIBER REINFORCED GYPSUM CEILING	QZ	QUARTZ
ARCH	ARCHITECT (URAL)	FRGL	FIRE RESISTIVE GLAZING UNIT		
ASPH	ASPHALT	FRP	FIBER REINFORCED PLASTIC	R	RISER
AUD	AUDITORIUM SEATING	FSNTR	FASTENER	RB	RESILIENT BASE
AUX	AUXILIARY	FTG	FOOTING	RO	ROOF DRAIN
AV	AUDIO VISUAL			RENF	REINFORCE
AVG	AVERAGE	GALV	GALVANIZED	RENO	REMOVABLE
AWF	ACOUSTICAL WALL PANEL MATERIAL	GC	GENERAL CONTRACTOR	REQD	REQUIRED
AWP	ACOUSTICAL WALL PANEL	GCJ	GYPSUM BOARD CONTROL JOINT	RES	RESINOUS FLOORING
		GEN	GENERAL	RFG	ROOFING
		GF	GROUND FACE	RFS	ROOF SPECIALTIES
BEJ	BUILDING EXPANSION JOINT (EXTERIOR)	GF CMU	GROUND FACE CMU	RH	ROOF HATCH
BEV	BEVELED	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	RLG	RAILING / GUARDRAIL
BITUM	BITUMINOUS	GL	MONOLITHIC GLAZING UNIT	RM	ROOM
BLDG	BUILDING	GLASS	GLASS	RO	ROUGH OPENING
BLE	BRICK LEDGE ELEVATION	GL BLK	GLASS BLOCK	ROW	RIGHT OF WAY
BLK	BLOCK (ING)	GL CMU	GLAZED CMU	RUB	RUBBER FLOORING
BLT	BORROWED LITE	GR	GRADE	S	SOUTH
BM	BEAM	GROM	GROMMET	SAN	SANITARY
BMU	BURNISHED MASONRY UNIT	GROUT	GROUT	SATC	SUSPENDED ACOUSTICAL TILE
BOT	BOTTOM	GYP	GYPSUM		
BPC	SOUND ABSORBING BAFFLE PANELS	GYP BD	GYPSUM BOARD	SB	SPLASH BLOCK
BRD	BRANDING ITEM	GYP PLAS	GYPSUM PLASTER	SC	SOLID CORE
BRG	BEARING			SCA	SECURITY CEILING ASSEMBLIES
BRK	BROCK	HB	HOSE BIBB	SCHD	SCHEDULE
BW	BUILDING WRAP	HC	HOLLOW CORE	SCONG	SEALED CONCRETE
		HDBD	HARDBOARD	SF	SQUARE FOOT
C&G	CURB AND GUTTER	HDW	HARDWARE	SHT	SHEET
C/C	CENTER TO CENTER	HDWD	HARDWOOD	SHTG	SHEATHING
CAB	CABINET	SKT	SKYLIGHT	SKT	SKYLIGHT
CBR	COUNTERTOP BRACKET	HO	HOLD OPEN	SLNT	SEALANT
CEM	CEMENT	HORIZ	HORIZONTAL	SOG	SLAB ON GRADE
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	COAT HOOK	HTR	HEATER	SPT	SPORTS FLOORING
CIP	CAST-IN PLACE	HVAC	HEATING, VENTILATING & AIR CONDITIONING	SQ	SQUARE
CLJ	CONTROL (CONSTRUCTION) JOINT	HYD	HYDRANT	SQ IN	SQUARE INCH
CLG	CEILING			SSC	STAINLESS STEEL COUNTERTOP
CM	CONSTRUCTION MANAGER	IGU	INSULATED GLASS UNIT	SSF	SOLID SURFACE
CMU	CONCRETE MASONRY UNIT	IMC	INTUMESCENT MASTIC COATING	STD	STANDARD
CNR	CORNER	INCL	INCLUDED	STG	SEATING
COL	COLUMN	INCL	INCLUDED	STL	STEEL
CONC	CONCRETE	INFORM	INFORMATION	STL JST	STEEL JOIST
CONT	CONTINUOUS	INSUL	INSULATION	STL LNTL	STEEL LINTEL
CONTR	CONTRACTOR	INT	INTERIOR	STL PL	STEEL PLATE
COORD	COORDINATE	INV	INVERT	STL TB	STEEL TUBE
CORR	CORRIDOR	IPT	INTUMESCENT PAI	STL TR	STEEL TRUSS
CPT	CARPET			STM	STEAM
CS	CAST STONE	JAN	JANITOR	STN	STONE
CSMT	CASEMENT	JAN CLO	JANITOR'S CLOSET	STNV	STONE VENEER
CSWK	CASEWORK	JT	JOINT	STOR	STORAGE
CT	CERAMIC TILE	KIN	KINETEX TILE	SV	SHEET VINYL
CTB	CERAMIC TILE BASE	KPL	KICK PLATE	SYS	SYSTEM
CTR	CENTER			T	TREADS
CURT	CURTAIN	LAB	LABORATORY	T&G	TONGUE & GROOVE
CVB	COVERBOARD	LAD	LADDER	TA	TOILET ACCESSORY
DP	CABINET (DOOR/DRAWER) PULL	LAM	LAMINATE	TEL	TELEPHONE
		LNO	LINEUM TILE	TEMP	TEMPERATURE, TEMPORARY, TEMPERED
DEMO	DEMOLITION	LKR	LOCKER	TER	TERRAZZO
DEPT	DEPARTMENT	LNC	LINEAR METAL CEILING	TER	TERRAZZO
DET	DETAIL	LOC	LOCATION	TKB	TACKBOARD
DF	DRINKING FOUNTAIN (ELECTRIC WATER COOLER)	LT	LIGHT	TKS	TACKABLE WALL STRIP
DIA	DIAMETER	LVR	LOUVER	TO	TOP OF
DMPF	DAMP-PROOFING	LVT	LUXURY VINYL TILE	TP	TOILET COMPARTMENT (PARTITION)
DN	DOWN			TRS	TRANSITION STRIP
DPR	DIGITAL PRINT	MA	MASONRY ACCESSORY	TS	TACKABLE SURFACE
DPTN	DEMOUNTABLE PARTITION	MAX	MAXIMUM	TSS	TELESCOPIC STANDS (BLEACHERS)
DR	DOOR	MD	METAL DECK	TT	TERRAZZO TILE
DRLG	DECORATIVE RAILING / GUARDRAIL	MEZZ	MEZZANINE	TWF	TACKABLE WALL PANEL MATERIAL
DS	DOWNSPOUT	MFR	MANUFACTURER	TWP	TACKABLE WALL PANEL
DTS	DATE STONE	MIN	MINIMUM	TYP	TYPICAL
DWG	DRAWING	MIR	MIRROR		
DWR	DRAWER	MISC	MISCELLANEOUS	UC	UNDERCUT
		MJ	MASONRY MOVEMENT JOINT	UNFIN	UNFINISHED
E	EAST	MKB	MARKERBOARD	UR	URNAL
EFS	EXTERIOR FINISH SYSTEM	MKBV	MARKERBOARD VINYL	UTIL	UTILITY
EFS	EXTERIOR INSULATION FINISH SYSTEM	MLWK	MILLWORK		
EJ	EXPANSION JOINT (INTERIOR)	MO	MASONRY OPENING	VCS	VINYL COMPOSITION SHEET
EL	ELEVATION	MOB	MOBILE PARTITION	VCT	VINYL COMPOSITION TILE
EL	ELEVATION	MPB	METAL (PIPE) BOLLARD	VERT	VERTICAL
ELEC	ELEVATION ELECTRICAL	MS	MOP SINK (SERVICE SINK)	VEST	VESTIBULE
ELEV	ELEVATOR	MSP	METAL SOFFIT PANEL	VNR	VENEER
ENTR	ENTRANCE	MT	MOSAIC TILE	VOL	VOLUME
EPS	EXPANDED POLYSTYRENE BOARD (INSULATION)	MTD	MOUNTED	VP	VENEER PLASTER
EPT	EPOXY PAINT	MTL	METAL	VR	VAPOR RETARDER
EQ	EQUAL	MWP	METAL WALL PANEL	VS	VERTICAL SUNSHADE
ETR	EXISTING TO REMAIN	N	NORTH	VWC	VINYL WALL COVERING
EW	EACH WAY	NA	NOT APPLICABLE	W	WEST
EWV	ELECTRIC WATER COOLER (DRINKING FOUNTAIN)	NIC	NOT IN CONTRACT	W	WITH
		NO	NUMBER	WW	WALL TO WALL
EXH	EXHAUST	NOM	NOMINAL	WB	WALL BASE
EXP	EXPOSED	NTS	NOT TO SCALE	WD	WOOD
EXT	EXISTING			WDFIN	WOOD FINISH
EXT	EXTERIOR	OC	ON CENTER	WDFLR	WOOD FLOOR
		OFICI	OWNER FURNISHED / CONTRACTOR INSTALLED	WDW	WINDOW
F&I	FURNISH & INSTALL	OFIOI	OWNER FURNISHED / OWNER INSTALLED	WDWT	WINDOW TREATMENT
FAB	FABRIC			WGL	WIRED GLASS
FB	FACE BRICK	OH	OVERHEAD	WOT	WALK OFF CARPET TILE
				WP	WATERPROOFING
				WSB	WALL SHEATHING
				WSCOT	WAINSCOT
				WWR	WELDED WIRE REINFORCEMENT
				YD	YARD
				YR	YEAR

Project Title:
**CAPITAL MAINTENANCE TO
WHITWATER MIDDLE SCHOOL
Whitewater Unified School District
401 S Elizabeth St
Whitewater, WI 53190**

ISSUANCES + REVISIONS:

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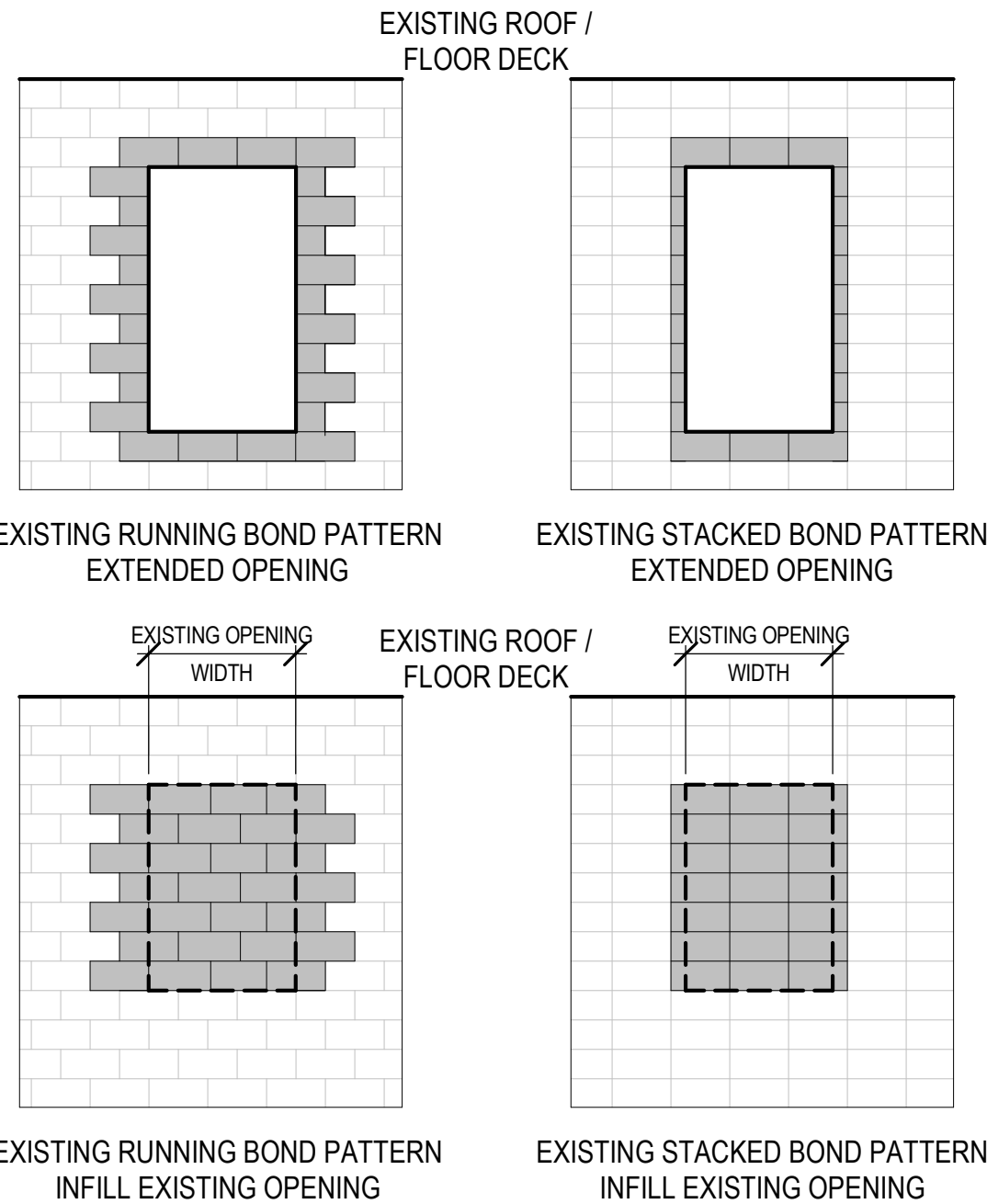
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Sheet Title:
**GENERAL
NOTES**

Sheet Number:

AG1.0

OPENING / INFILL AT EXISTING MASONRY WALL



- TOOTH-IN NEW MASONRY TO MATCH EXISTING CMU DIMENSIONS AND PATTERN
- USE BULL-NOSE CORNERS UNLESS OTHERWISE NOTED FOR FRAMED OPENINGS.
- AT BRICK CONDITIONS USE SALVAGED BRICK.
- AT STRUCTURALLY SUPPORTED OPENINGS, COORDINATE WITH STRUCTURAL DRAWINGS FOR LINTEL AND BEARING INFORMATION. MODIFY THE EXTENT OF TOOTH-IN WORK AS REQUIRED FOR LINTEL BEARING.
- REFERENCE ELECTRICAL PLANS FOR PANEL SIZING.
- PAINT TO MATCH EXISTING.

6D OPENING IN EXISTING MASONRY WALL

A0.1 Scale: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES

EXISTING ROOM TAG LEGEND:

EXISTING ROOM NAME	EXISTING WALL MATERIAL
CMU*	RB
CPT*	RB
APC	9'-0"

* SYMBOL INDICATES MORE THAN ONE TYPE OF EXISTING FINISH IN ROOM. SEE DEMOLITION PLANS FOR LOCATIONS OF ADDITIONAL FINISHES.

- OWNER IS RESPONSIBLE FOR REMOVAL OF ALL LOOSE FURNISHINGS PRIOR TO GENERAL DEMOLITION. ALL ITEMS INCLUDING DOORS, DOOR HARDWARE, CEILING TILES CONSIDERED SALVAGEABLE SHALL ALSO BE REMOVED BY THE OWNER PRIOR TO GENERAL DEMOLITION.
- REMOVE ALL APPLIED FINISHES AND PREPARE SUBSTRATE FOR NEW FINISHES. SEE FINISH PLANS & INTERIOR FINISH LEGEND FOR FINISHES.
- EXISTING CONDITIONS: EXISTING CONDITIONS SHOWN ON DRAWINGS REPRESENT CURRENT BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW. WORK DONE WITHOUT RESOLUTION OF DISCREPANCIES MUST BE REDONE AT THE REQUEST OF THE ARCHITECT AT NO ADDITIONAL COST TO THE CONTRACT.
- UNLESS NOTED OTHERWISE, PATCH ALL FLOORS, BASE, WALLS AND CEILINGS AT EXPOSED AREAS AFFECTED BY DEMOLITION REGARDLESS OF TRADE DURING THE DEMOLITION WORK. PATCH TO MATCH ADJACENT EXISTING CONSTRUCTION WHERE SPECIFIC INFORMATION IS NOT NOTED OR SCHEDULED. REFER TO FINISH PLANS.
- DISPOSE OF ALL BUILDING MATERIAL IN LAWFUL MANNER.
- SEE FLOOR PLANS, ELEVATIONS, SECTIONS AND DETAILS FOR ADDITIONAL DEMOLITION INFORMATION WHICH MAY NOT BE INDICATED ON DEMOLITION PLANS AND TO COORDINATE EXTENT OF DEMOLITION REQUIRED.
- SEE PROJECT MANUAL AND PLUMBING, HVAC AND ELECTRICAL DRAWINGS FOR ANY REQUIRED DEMOLITION OF PLUMBING, HVAC AND ELECTRICAL EQUIPMENT/MATERIALS PERFORMED BY THOSE TRADES.
- REQUIRED MEANS OF EGRESS FROM THE EXISTING BUILDING SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION WHEN THE BUILDING REMAINS OCCUPIED. IN THE EVENT THAT AN EXISTING MEANS OF EGRESS CANNOT BE MAINTAINED, CONTRACTOR SHALL PROVIDE AN APPROVED TEMPORARY MEANS OF EGRESS.

KEYNOTE LEGEND

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

BRAY
ARCHITECTS

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

Sheboygan • Davenport
Moline • Saint Paul

www.brayarch.com

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Sheet Title:

**FIRST FLOOR
DEMOLITION
PLAN**

Sheet Number:

A0.1

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6A FIRST FLOOR DEMO PLAN

A0.1 Scale: 1" = 20'-0"

2B SECOND FLOOR DEMO PLAN

A0.1 Scale: 1" = 20'-0"

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4A FIRST FLOOR PLAN
A1.1 Scale: 1" = 20'-0"

GENERAL NOTES

- DO NOT SCALE FROM DRAWINGS.
- EXISTING CONDITIONS: EXISTING CONDITIONS SHOWN ON DRAWINGS REPRESENT CURRENT BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW. WORK DONE WITHOUT RESOLUTION OF DISCREPANCIES MUST BE REDONE AT THE REQUEST OF THE ARCHITECT AT NO ADDITIONAL COST TO THE CONTRACT.
- REFER TO SHEET AG1.0 FOR WALL TYPES.
- REFER TO SHEET AG1.0 FOR TYPICAL MOUNTING HEIGHTS. REFER TO INTERIOR ELEVATION SHEETS FOR ROOM SPECIFIC FIXTURE MOUNTING HEIGHTS.
- DIMENSIONS FOR INTERIOR STUD WALLS ARE TO FACE OF WALL. EXTERIOR STUD WALLS ARE DIMENSIONED TO INTERIOR FACE OF STUDS. CMU WALLS ARE DIMENSIONED TO FACE OF WALL.
- REQUIRED MEANS OF EGRESS FROM THE EXISTING BUILDING SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION WHEN THE BUILDING REMAINS OCCUPIED. IN THE EVENT THAT AN EXISTING MEANS OF EGRESS CANNOT BE MAINTAINED, CONTRACTOR SHALL PROVIDE AN APPROVED TEMPORARY MEANS OF EGRESS.

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ARCHITECTS

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

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OVERALL FIRST FLOOR PLAN

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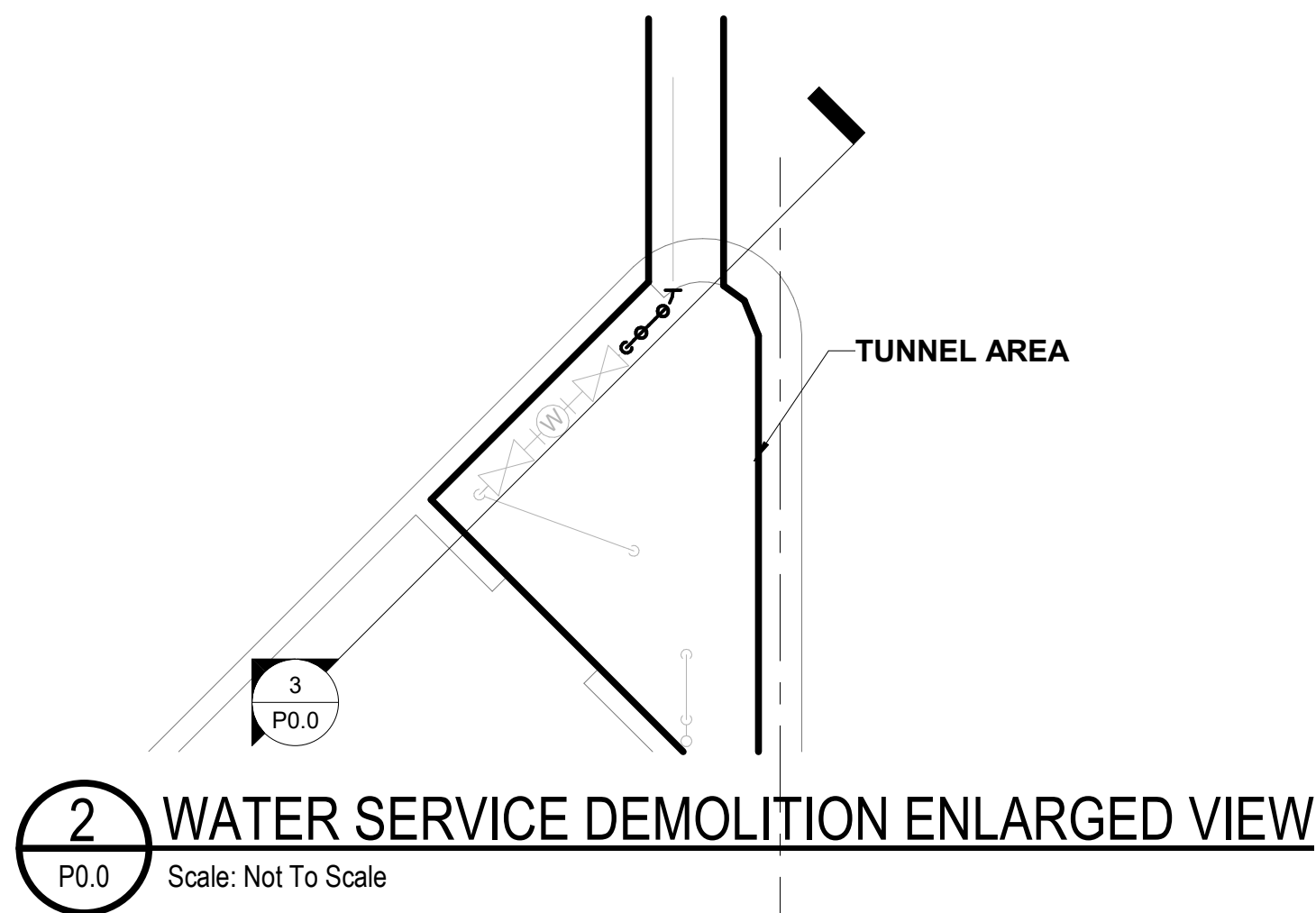
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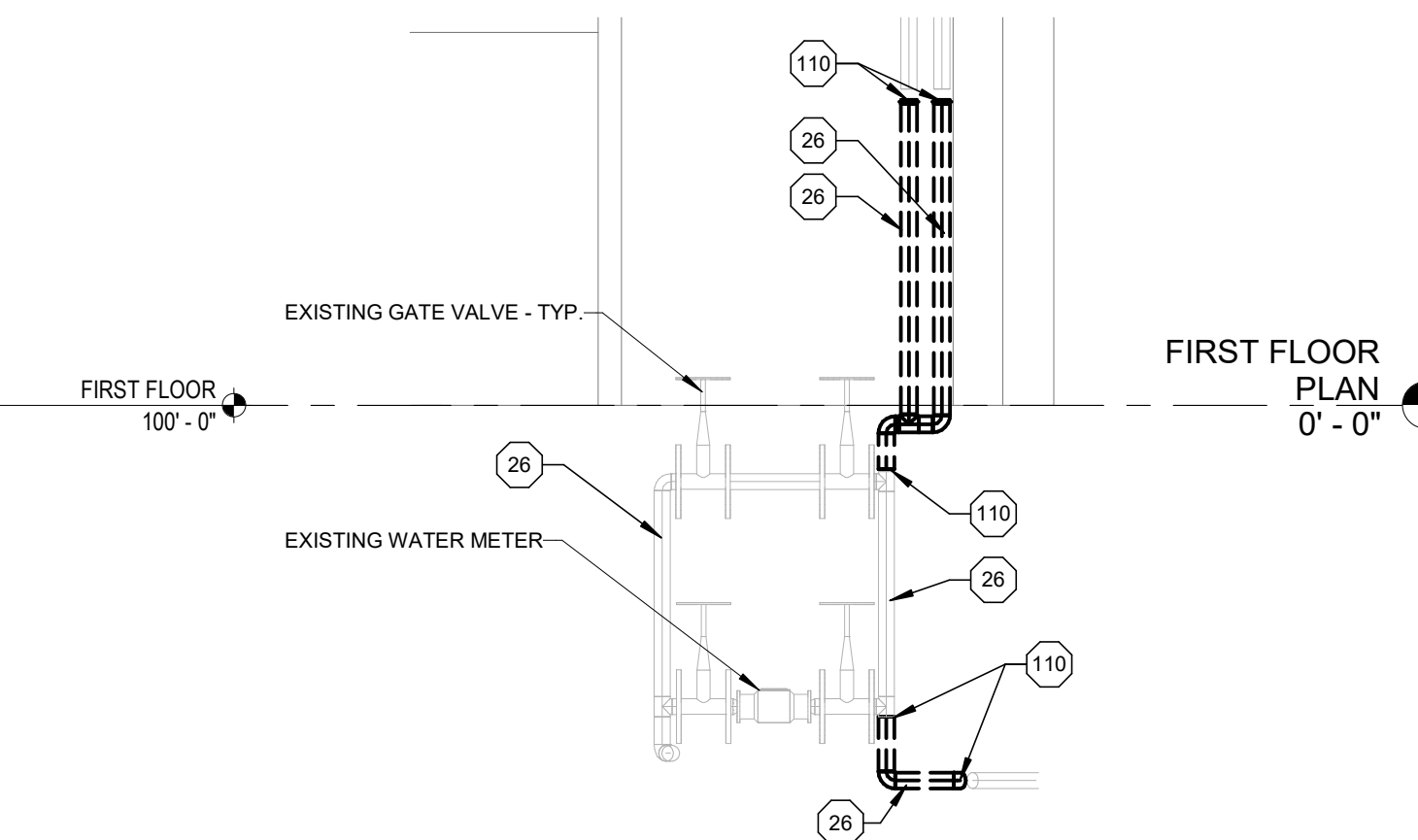
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1
P0.0
FOUNDATION DEMOLITION PLAN
Scale: 3/64" = 1'-0"



2
P0.0
WATER SERVICE DEMOLITION ENLARGED VIEW
Scale: Not To Scale



3
P0.0
WATER SERVICE DEMOLITION ELEVATION VIEW
Scale: Not To Scale

SHEET KEYNOTES	
26	REMOVE AND REPLACE EXISTING DAMAGED INSULATION. FIELD VERIFY PIPE SIZES UNDER INSULATION.
110	REMOVE AND DISPOSE OF EXISTING PIPING BACK TO THIS LOCATION AND TEMPORARILY CAP FOR REUSE DURING NEW CONSTRUCTION PHASE.

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Milwaukee
529 South 1st Street
Milwaukee, Wisconsin 53204
T: 414.226.0200
Sheboygan • Davenport
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Whitewater Unified School District
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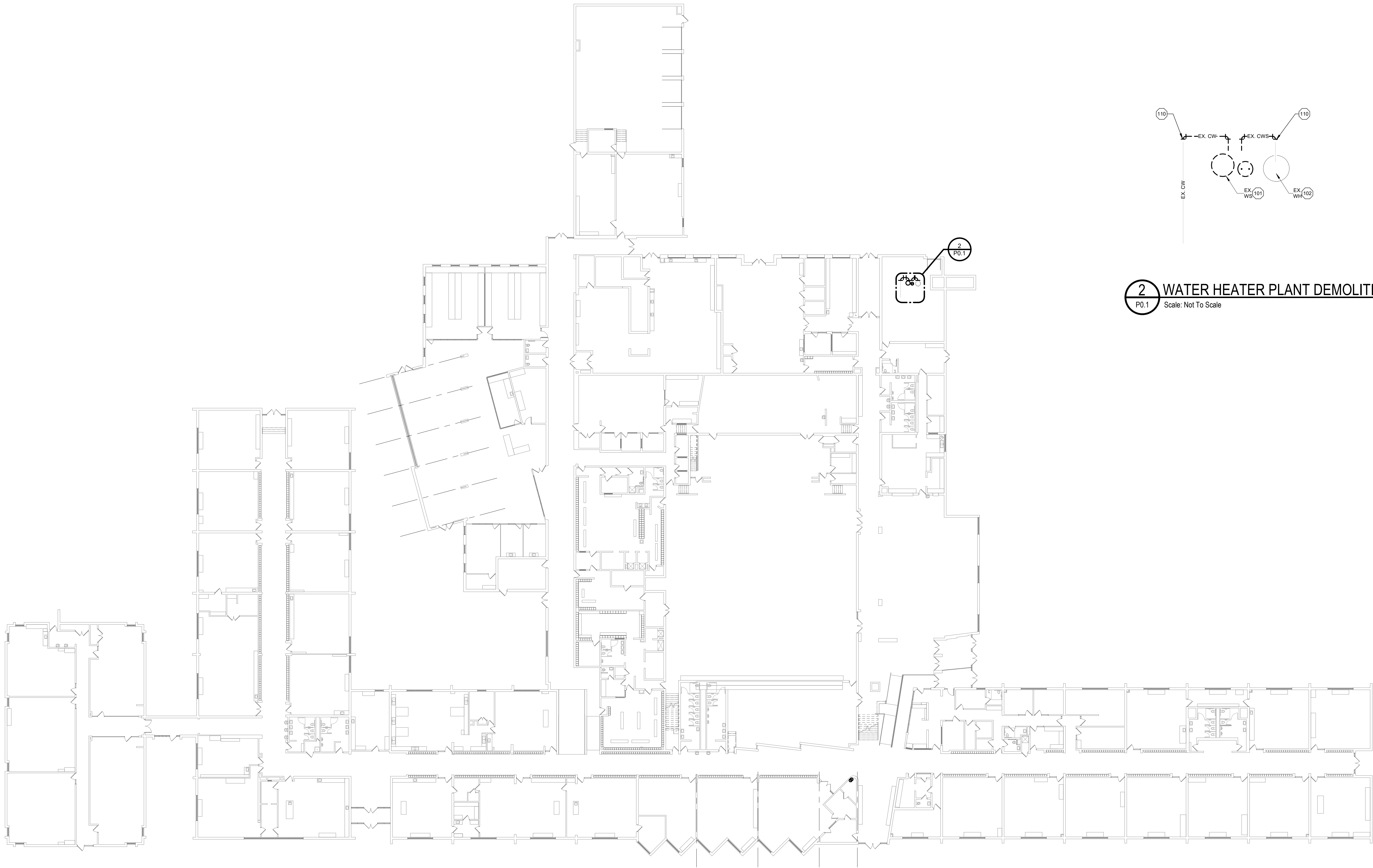
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**FOUNDATION
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PLAN**

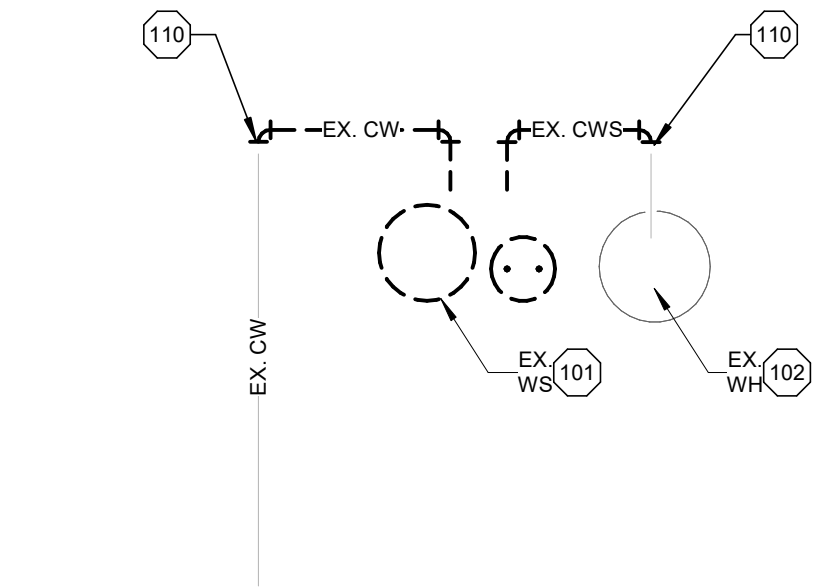
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1
P0.1
FIRST FLOOR DEMOLITION PLAN
Scale: 3/64" = 1'-0"



2
P0.1
WATER HEATER PLANT DEMOLITION ENLARGED VIEW
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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ARCHITECTS

Milwaukee
529 South 1st Street
Milwaukee, Wisconsin 53204
T: 414.226.0200
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SHEET KEYNOTES	
24	ROUTE WATER SOFTENER DISCHARGE TO 2" PVC HUB. PROVIDE TRAP AND VENT AND CONNECT INTO EXISTING SANITARY PIPING IN TUNNEL.
27	CONNECT NEW SOFTENED WATER INTO EXISTING SYSTEM. FIELD VERIFY PIPE CONNECTION SIZES AND LOCATIONS.

BRAY
ARCHITECTS

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

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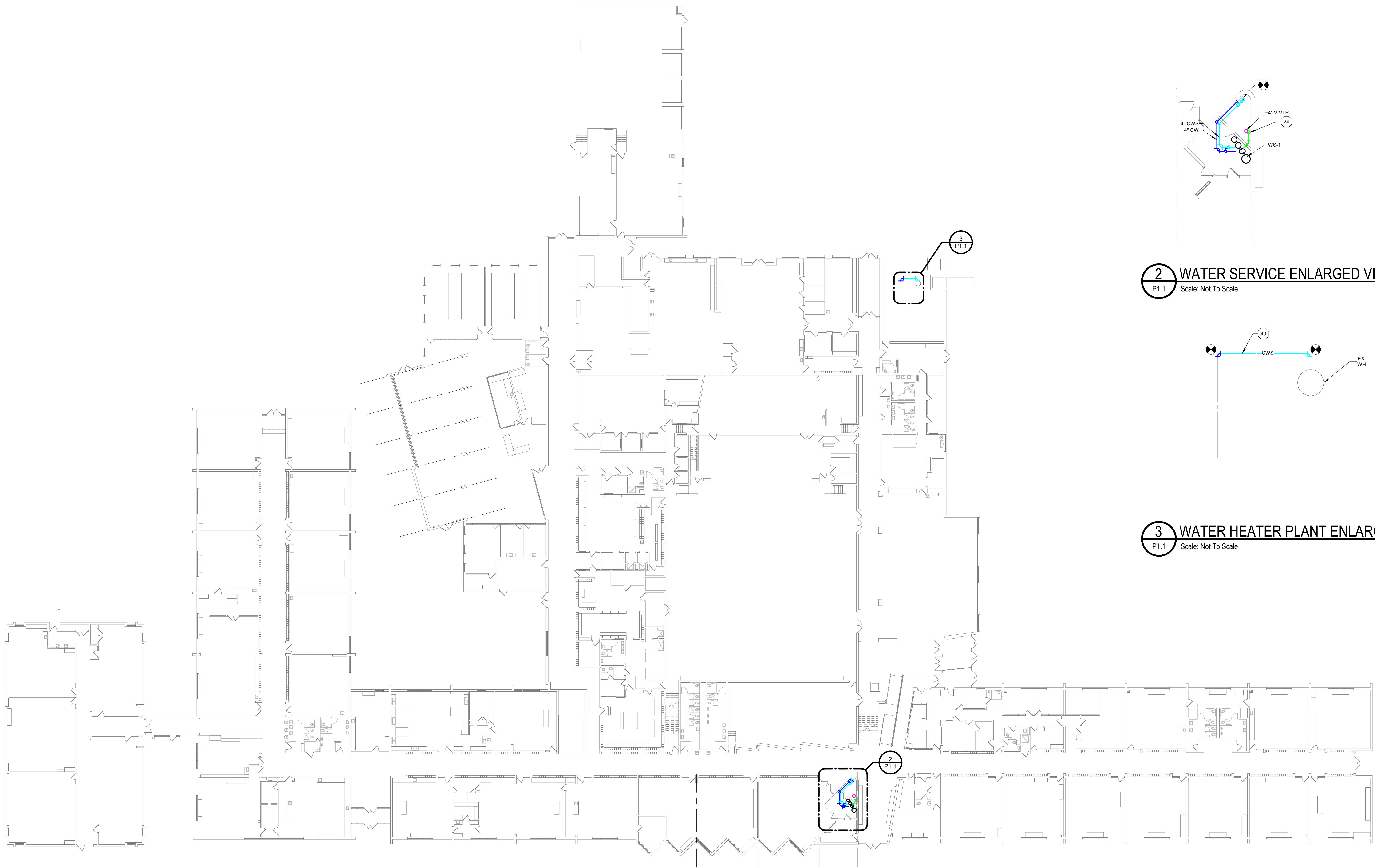
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PLAN**

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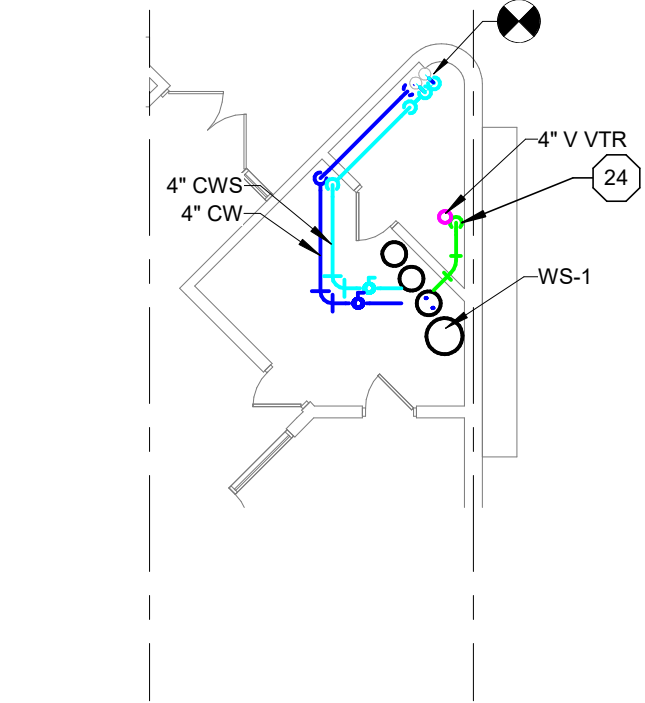
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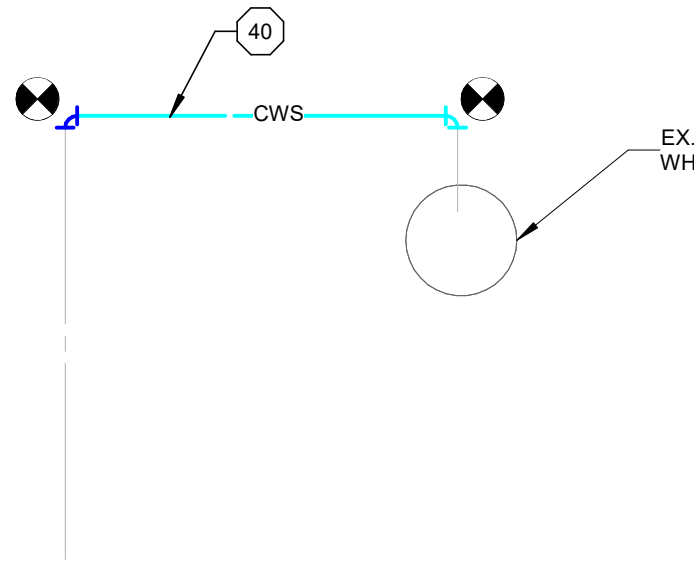


1 FIRST FLOOR PLAN
P1.1
Scale: 3/64" = 1'-0"

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.



2 WATER SERVICE ENLARGED VIEW
P1.1
Scale: Not To Scale



3 WATER HEATER PLANT ENLARGED VIEW
P1.1
Scale: Not To Scale

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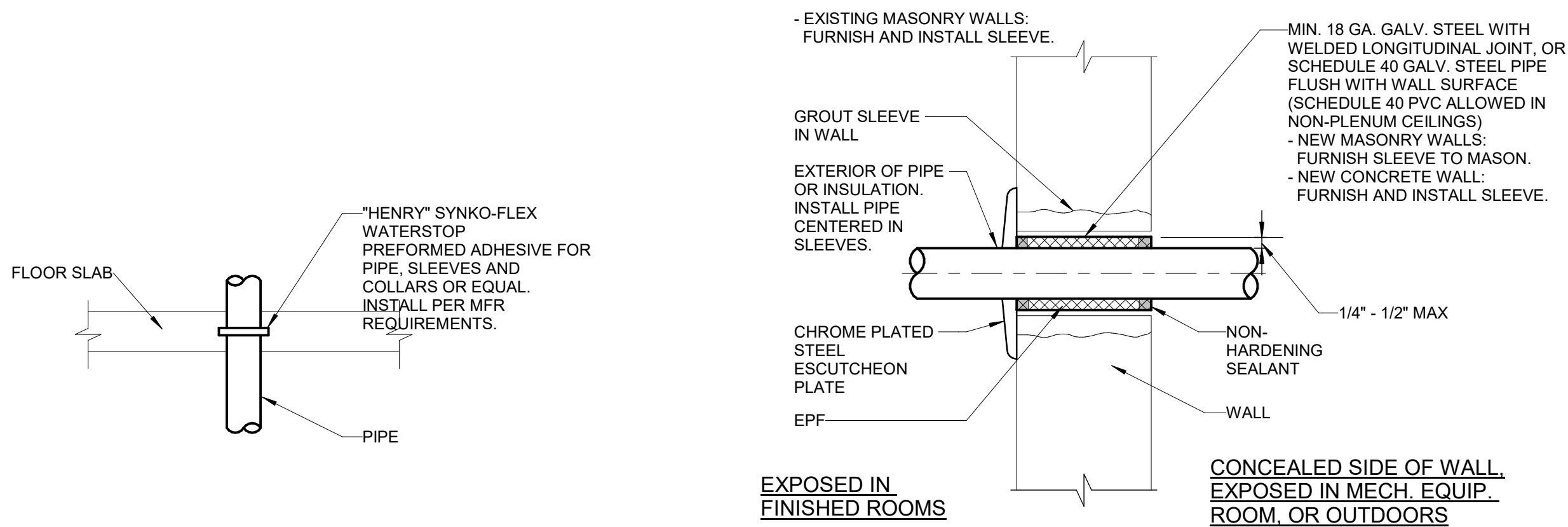
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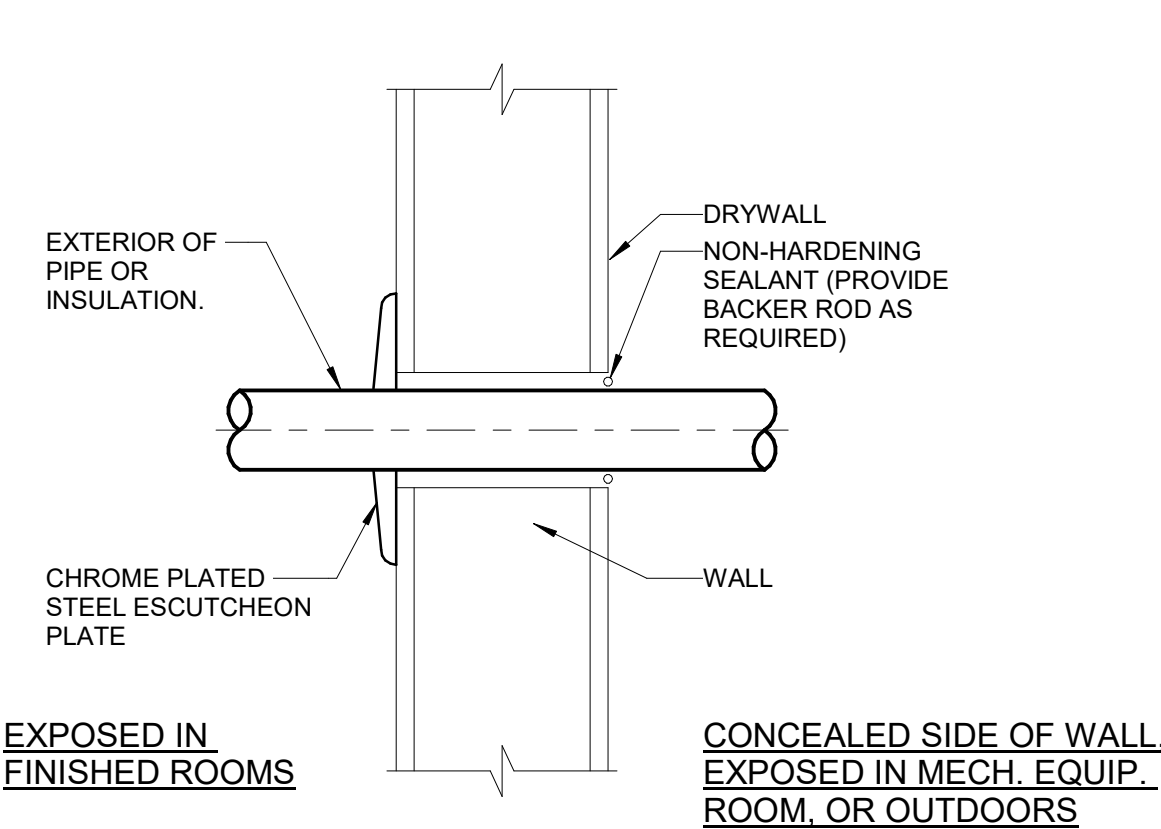
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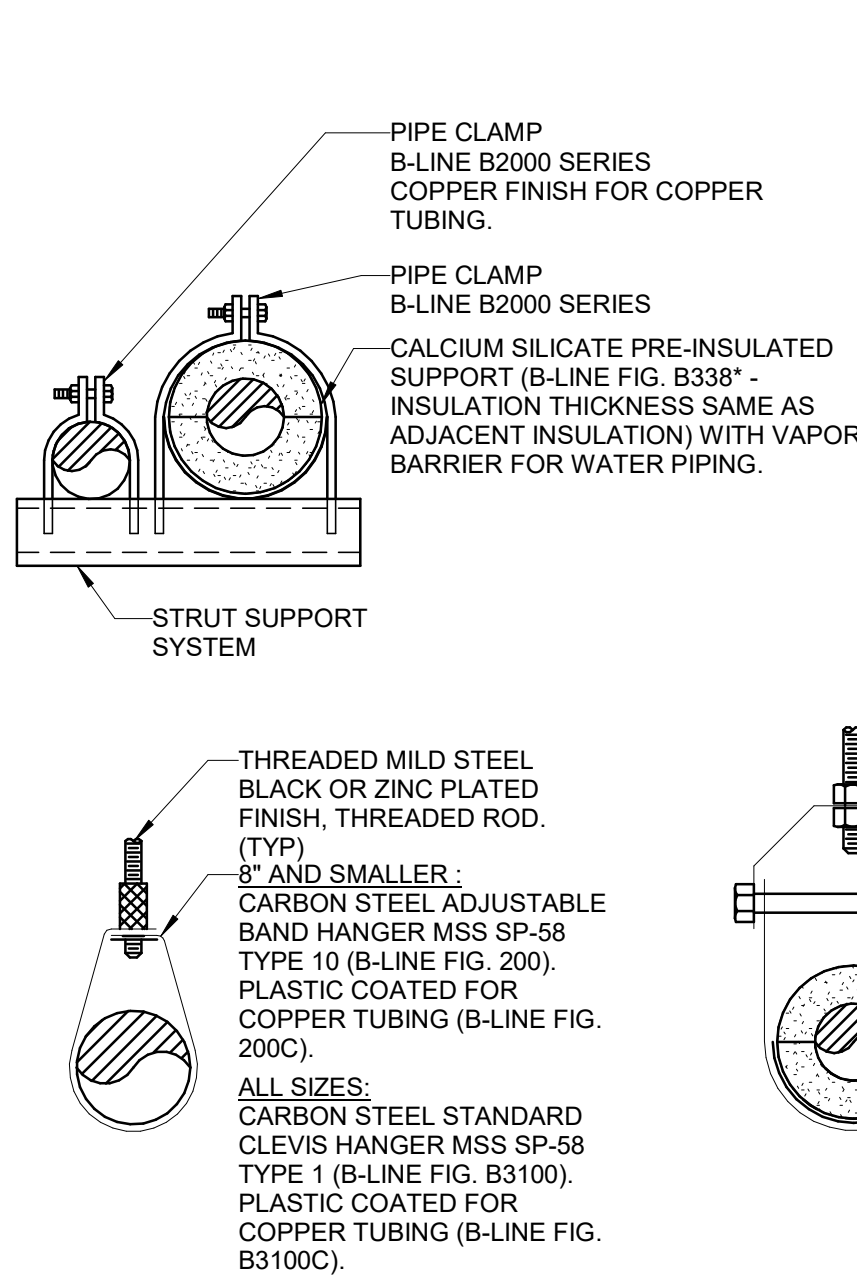


APPLICATIONS
- SLAB ON GRADE PIPE PENETRATION DETAIL

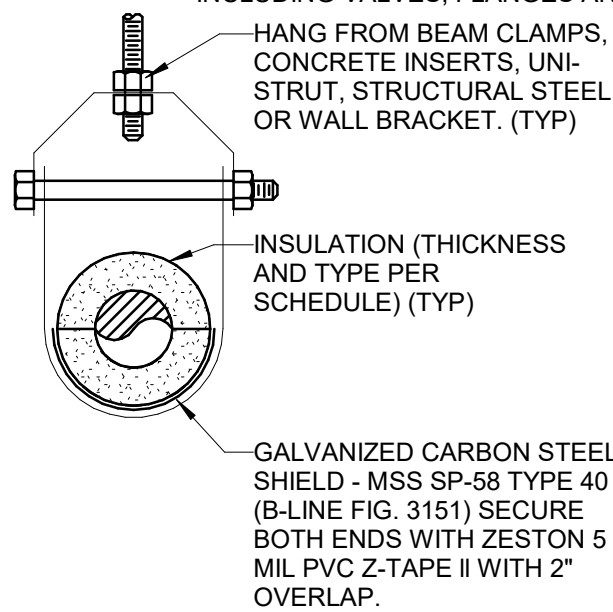
APPLICATIONS
- PIPE PENETRATION THRU MASONRY OR CONCRETE WALL



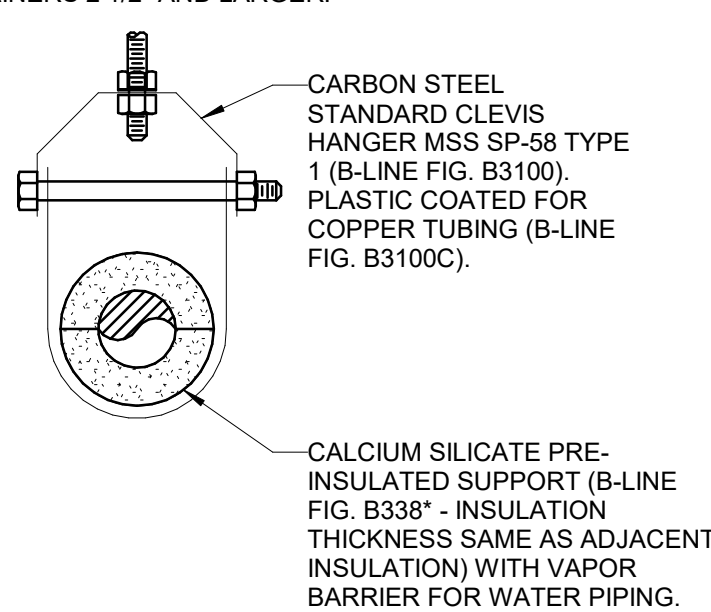
APPLICATIONS
- PIPE PENETRATION THRU STUD WALL



APPLICATIONS
- UNINSULATED PIPING



APPLICATIONS
- HOT AND COLD WATER PIPING



APPLICATIONS
- HOT AND COLD WATER PIPING

PIPE SIZE	STEEL			COPPER			PVC			PEX			CAST IRON		
	WATER	GAS	MIN. ROD	WATER	GAS	MIN. ROD	WATER	GAS	MIN. ROD	WATER	GAS	MIN. ROD	WATER	GAS	MIN. ROD
1/4"-1/2"	7	8	3/8"	5	6	3/8"	4	3	3/8"	3	3	3/8"	5	5	3/8"
3/4"	7	9	3/8"	5	7	3/8"	4	3	3/8"	3	3	3/8"	5	5	3/8"
1"	7	9	3/8"	5	7	3/8"	4	3	3/8"	3	3	3/8"	5	5	3/8"
1 1/4"	7	9	3/8"	5	7	3/8"	4	3	3/8"	3	3	3/8"	5	5	3/8"
1 1/2"	9	12	3/8"	8	10	3/8"	4	4	3/8"	3	3	3/8"	5	5	3/8"
2"	10	12	3/8"	8	11	3/8"	4	4	3/8"	3	3	3/8"	5	5	3/8"
2 1/2"	11	12	3/8"	9	12	3/8"	4	4	3/8"	3	3	3/8"	5	5	3/8"
3"	12	12	3/8"	10	12	3/8"	4	4	3/8"	3	3	3/8"	5	5	3/8"
4"	12	12	3/8"	12	12	3/8"	4	4	3/8"	3	3	3/8"	5	5	3/8"
6"	12	12	3/8"	12	12	3/8"	4	4	3/8"	3	3	3/8"	5	5	3/8"
8"	12	12	1/2"	-	-	-	4	4	3/8"	3	3	3/8"	5	5	3/8"
10"	12	12	1/2"	-	-	-	4	4	3/8"	3	3	3/8"	5	5	3/8"
12"	12	12	5/8"	-	-	-	4	4	3/8"	3	3	3/8"	5	5	3/8"
14"	12	12	5/8"	-	-	-	4	4	3/8"	3	3	3/8"	5	5	3/8"
18"	12	12	3/4"	-	-	-	4	4	3/8"	3	3	3/8"	5	5	3/8"
MAX VERT. (1)	15	15	-	10	10	-	10	10	10	10	10	10	-	-	-

(1) SUPPORT AT MINIMUM EVERY FLOOR LEVEL OR SPACING LISTED.
(2) SPACING MAY BE INCREASED TO 10' FOR 10' PIPE LENGTHS.
MSS = MANUFACTURER'S STANDARDIZATION SOCIETY
- INSTALL ADDITIONAL HANGERS WITHIN 12" OF ELBOWS AND TEES AND AT CONCENTRATED LOADS, INCLUDING VALVES, FLANGES AND STRAINERS 2 1/2" AND LARGER.

1 PIPE PENETRATION DETAILS

P2.0 Scale: Not To Scale

2 PIPE HANGER AND INSULATION DETAILS

P2.0 Scale: Not To Scale

3 PIPE TRENCH DETAIL

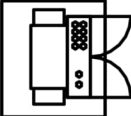




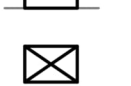



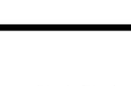
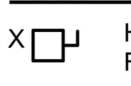



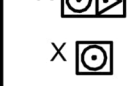



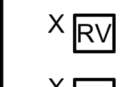
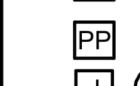
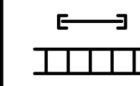
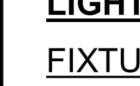
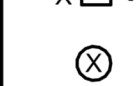
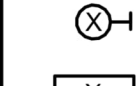
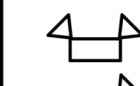

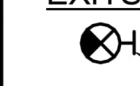

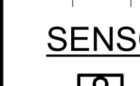

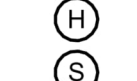




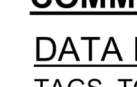

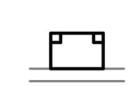

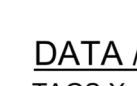
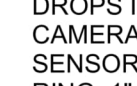
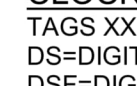
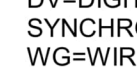
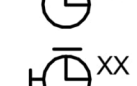













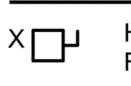




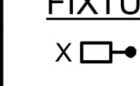

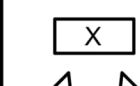

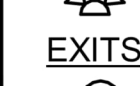







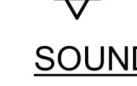

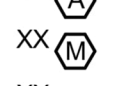










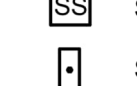


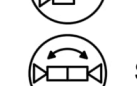
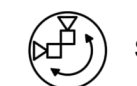

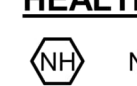
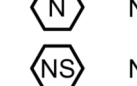
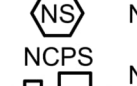









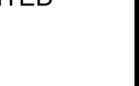



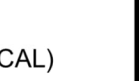










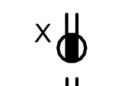
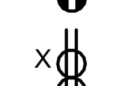


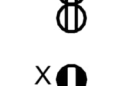
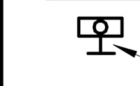





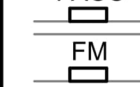
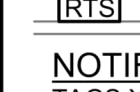
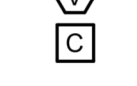

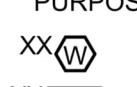

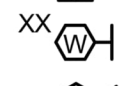
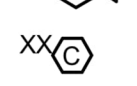





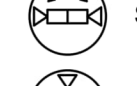
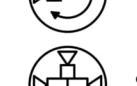

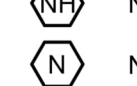
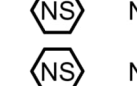
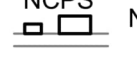
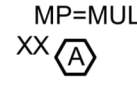
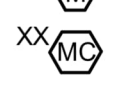
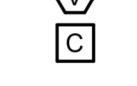

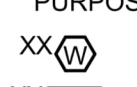





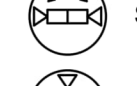
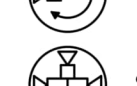

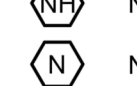
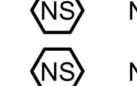
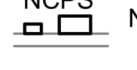


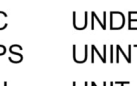
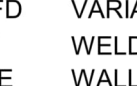
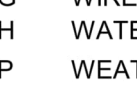
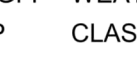
P2.0 Scale: Not To Scale

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")	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.

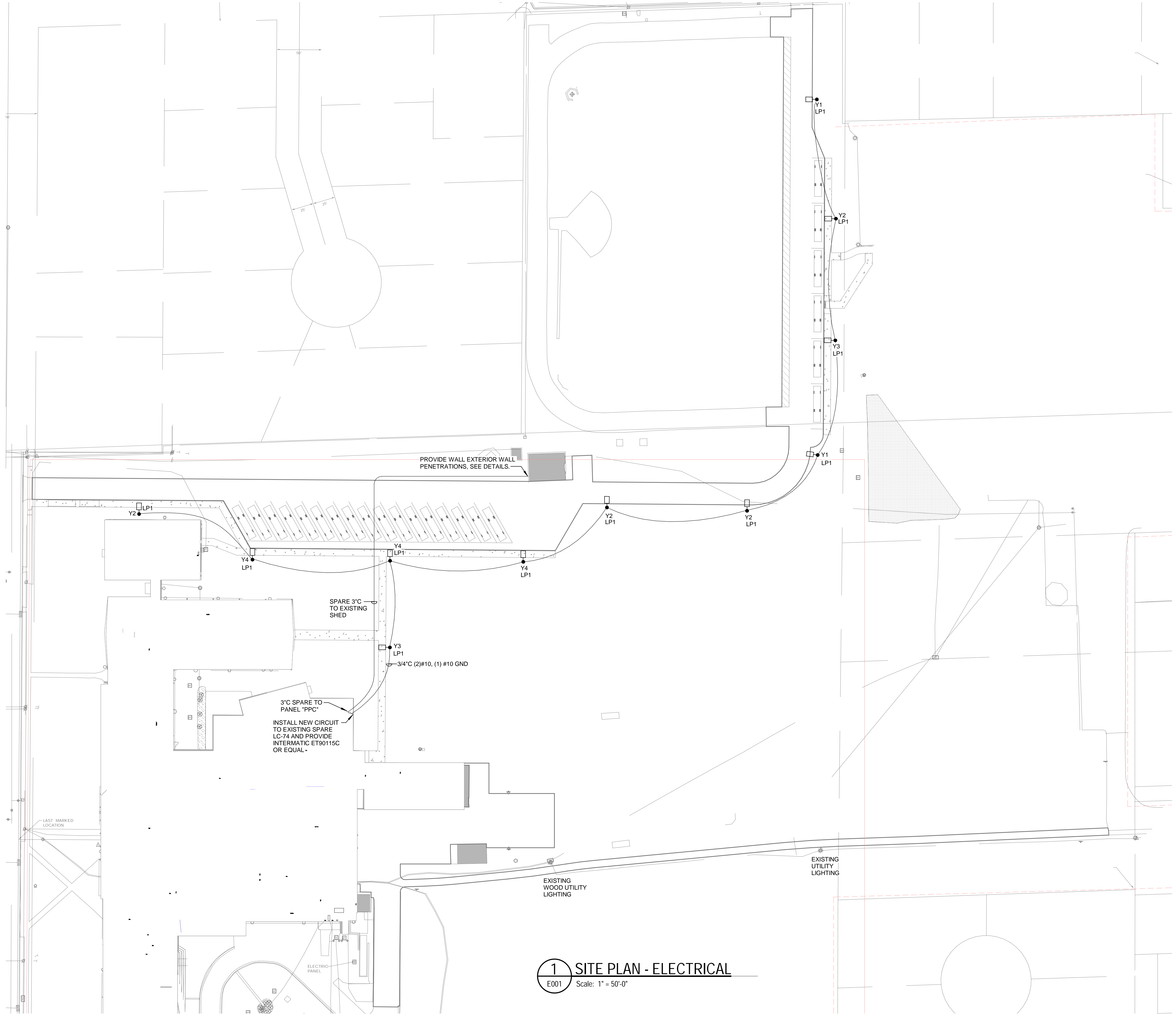
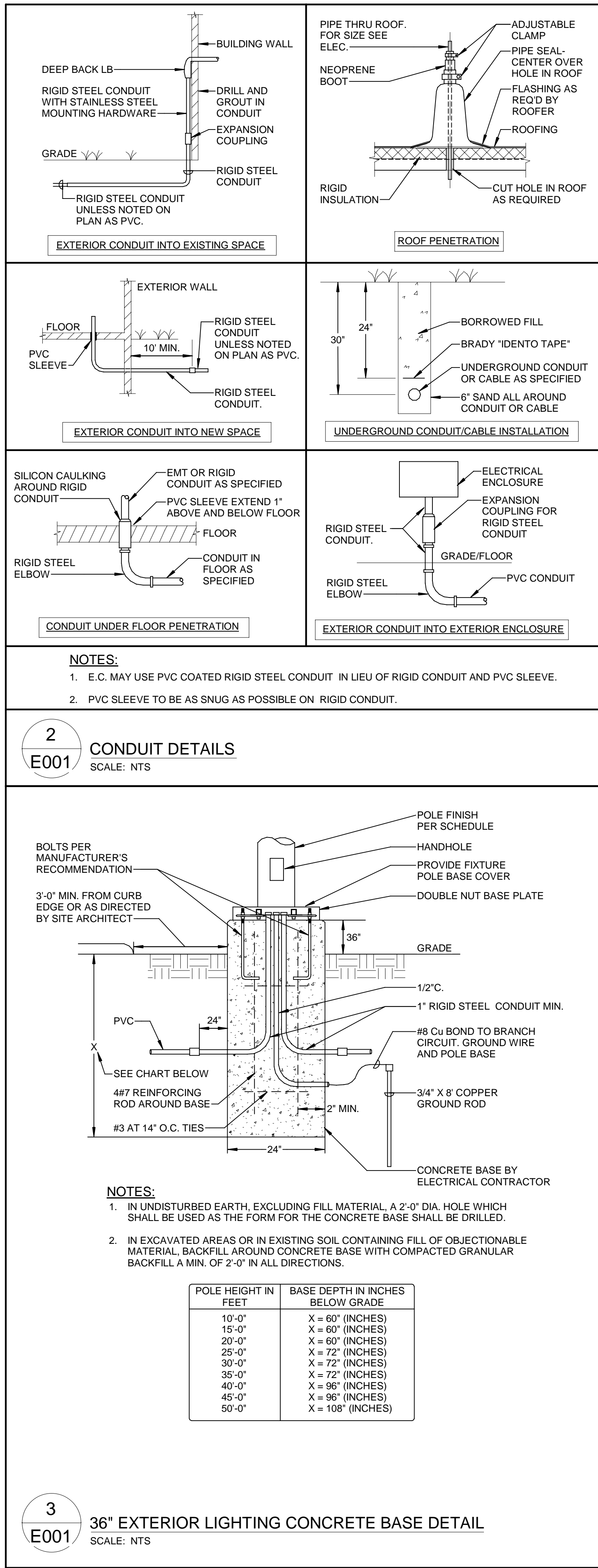
ELECTRICAL SYMBOLS AND ABBREVIATIONS											
THIS IS A COMPREHENSIVE SYMBOL AND ABBREVIATION LIST - NOT ALL SYMBOLS ARE APPLICABLE TO THESE DRAWINGS.											
ELECTRICAL DISTRIBUTION EQUIPMENT  UTILITY TRANSFORMER  UTILITY TRANSFORMER  CT CABINET AND METER SOCKET  GENERATOR ANNUNCIATOR PANEL FLUSH OR SURFACE  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, 700=EMERGENCY SYSTEM 701=LEGALLY REQUIRED STANDBY SYSTEM 702=OPTIONAL STANDBY SYSTEM TAG Y=SYSTEM NUMBER  SURGE PROTECTION DEVICE; TAG = SPD CONTACTOR ENCLOSURE PANEL; TAG = CX X = CONTACTOR NUMBER	WIRING DEVICES MISCELLANEOUS  SURFACE RACEWAY EQUIPMENT CONNECTION X  SPECIAL OUTLET, TAG = NUMBER ON SCHEDULE X  ELECTRIC HAND/HAIR DRYER X  DUAL SERVICE FLOOR BOX, TAG = TYPE IN SPECS X  SINGLE SERVICE FLOOR BOX, TAG = TYPE IN SPECS X  POKE THROUGH FLOOR BOX, TAG = TYPE IN SPECS X  CORD DROP X  CORD REEL X  90° CONDUIT BODY - THROUGH WALL X  90° CONDUIT BODY - TURN RIGHT X  90° CONDUIT BODY - TURN LEFT X  ELECTRIC VEHICLE CHARGING STATION, SEE PLANS FOR TYPES X  RECREATIONAL VEHICLE CHARGING STATION, SEE PLANS FOR TYPES X  MARINA SHORE POWER STATION, SEE PLANS FOR TYPES X  POWER POLE - CEILING DOWN TO FLOOR X  I-BOX X  CONDUIT STUB THROUGH WALL BUSHED EACH END CABLE TRAY	FIRE ALARM INITIATION DEVICE XX  MANUAL PULL STATION; TAG XX, LC=LEXAN COVER, EX=EXPLOSION PROOF, WP=WEATHERPROOF X  GAS DETECTOR X  HEAT DETECTOR X  SMOKE DETECTOR X  SMOKE DETECTOR WITH SOUNDER BASE X  DUCT SMOKE DETECTOR X  ELEVATOR SMOKE DETECTOR X  CARBON MONOXIDE DETECTOR X  SPRINKLER FLOW SWITCH X  SPRINKLER PRESSURE SWITCH X  SPRINKLER TAMPER SWITCH X  ADDRESSABLE MONITOR MODULE	COMMUNICATION INITIATION DEVICE TAGS, TC=TX = TELECOMMUNICATION CLOSET NUMBER X  DATA RACK - OPEN FRAME 2 POST FLOOR MOUNTED X  DATA RACK - OPEN FRAME 4 POST FLOOR MOUNTED X  DATA RACK - OPEN FRAME WALL MOUNTED X  DATA RACK - ENCLOSED WALL MOUNTED X  GROUND BAR	COMMUNICATION DATA RACKS TAGS, TC=TX = TELECOMMUNICATION CLOSET NUMBER X  DATA RACK - OPEN FRAME 2 POST FLOOR MOUNTED X  DATA RACK - OPEN FRAME 4 POST FLOOR MOUNTED X  DATA RACK - OPEN FRAME WALL MOUNTED X  DATA RACK - ENCLOSED WALL MOUNTED X  GROUND BAR	GENERAL ANNOTATION SYMBOLS X REFERS TO PLAN NOTE NUMBER  SPECIALTY EQUIPMENT REFERENCE TAG  DETAIL NUMBER  SHEET NO. WHERE DETAIL IS LOCATED LINE LEGEND  CIRCUIT HOMERUN TO 20A/1P BREAKER UNLESS SHOWN OTHERWISE ON DRAWINGS.  INDICATES ITEMS CONNECTED TO SAME CIRCUIT BUT CONTROLLED SEPARATELY  INDICATES ITEMS CONNECTED TO SAME CIRCUIT AND CONTROLLED TOGETHER ABBREVIATIONS AFF ABOVE FINISH FLOOR AFG ABOVE FINISH GRADE AHU AIR HANDLING UNIT ATS AUTOMATIC TRANSFER SWITCH C CONDUIT CCU COOLING CONDENSER UNIT CKT CIRCUIT CM CEILING MOUNTED CT CURRENT TRANSFORMER CON CONTRACTOR CP CONTROL PANEL CUH CABINET UNIT HEATER DIS DISCONNECT DM DEMARC EB EXISTING BREAKER TO REMAIN UNLESS NOTED OTHERWISE EBB ELECTRICAL BASE BOARD EC ELECTRICAL CONTRACTOR ECB ENCLOSED CIRCUIT BREAKER EDH ELECTRIC DUCT HEATER EF EXHAUST FAN EL ELEVATION EM EMERGENCY EQ EQUIPMENT EOL END OF LINE RESISTOR ETR EXISTING TO REMAIN EUH ELECTRIC UNIT HEATER EWC ELECTRIC WATER COOLER EWH ELECTRIC WALL HEATER EX EXPLOSION PROOF F FUSIBLE PROOF FBO FURNISHED BY OTHERS FC VARIABLE SPEED FAN CONTROL SWITCH FR FREEZER FSD FIRE SMOKE DAMPER GC GENERAL CONTRACTOR (GFI) GROUND FAULT INTERRUPTER BREAKER LOCATED IN ELECTRICAL PANEL GND GROUND GSP GYM SWITCH PANEL GUH GAS UNIT HEATER HF HEAT FAN HP HORSE POWER HVAC HEATING, VENTILATING AND AIR CONDITIONING IDF INTERMEDIATE DISTRIBUTION FRAME JB JUNCTION BOX MAU MAKEUP AIR UNIT MB MOTORIZED BACKBOARD MC MECHANICAL CONTRACTOR MDF MAIN DISTRIBUTION FRAME MOD MOTOR OPERATED DAMPER MTD MOUNTED MTS MANUAL TRANSFER SWITCH NL NIGHT LIGHT NIC NOT IN CONTRACT NTS NOT TO SCALE OHD OVERHEAD DOOR OC ON CENTER PDB PUNCH DOWN BLOCK PNL PANELBOARD PS POWER SUPPLY RCP RELAY CONTROL PANEL RTU ROOF TOP UNIT SAP SECURITY ANNUNCIATOR PANEL SCP SECURITY CONTROL PANEL SD SMOKE DAMPER SJB SOUND SYSTEM JUNCTION BOX SPD SURGE PROTECTION DEVICE SS STAINLESS STEEL SV SOLENOID VALVE TC TELECOMMUNICATION CLOSET TCP TEMPERATURE CONTROL PANEL TGB TELECOMMUNICATION GROUND BAR MASTER TJB TERMINAL JUNCTION BOX TRN TRANSFORMER TRS TRANSFER SWITCH TTB TELEPHONE TERMINAL BOARD UC UNDERCOUNTER UPS UNINTERRUPTED POWER SUPPLY UH UNIT HEATER VFD VARIABLE FREQUENCY DRIVE W WELDER WE WALL EXHAUST WG WIRE GUARD WH WATER HEATER WI WEATHER PROOF WPI/WPF WEATHER PROOF / GROUND FAULT INTERRUPTER XP CLASS 1, DIV. 1 EQUIPMENT						
MOTOR CONTROL X  HEAVY DUTY DISCONNECT; TAG XX, WP=WEATHERPROOF, F=FUSIBLE X  NON-COMBINATION STARTER X  COMBINATION STARTER X  MANUAL STARTER X  MOTOR OUTLET TERMINAL ON ROOF MOUNTED UNITS PROVIDE WEATHER PROOF DISCONNECTS. X = HORSE POWER OR MOTOR NUMBER IF SCHEDULE IS PROVIDED	FIXTURES X  LIGHT FIXTURE - POLE MOUNTED; TAG = TYPE IN FIXTURE SCHEDULE X  LIGHT FIXTURE - CEILING MOUNTED FLUSH OR SURFACE; TAG = TYPE IN FIXTURE SCHEDULE X  WALL MOUNTED - FLUSH OR SURFACE; TAG = TYPE IN FIXTURE SCHEDULE X  LIGHT FIXTURE - FLUSH OR SURFACE; TAG = TYPE IN FIXTURE SCHEDULE X  EMERGENCY BATTERY UNIT LIGHT - WALL MOUNTED X  EMERGENCY BATTERY UNIT LIGHT - CEILING MOUNTED X  REMOTE EMERGENCY LIGHT	DATA / IP PHONE, WAP & TELEPHONE DEVICES TAGS X, NO TAG= SINGLE DROP, NUMBER INDICATES NUMBER OF DROPS IN EACH LOCATION, A=ATTENDANCE SCANNER, C=IP SECURITY CAMERA, K=KEYLESS ENTRY, USB=UNIVERSAL SERIAL BUS, V=VAPE SENSOR, W=WALL PHONE, PROVIDE 4" SQUARE DEEP BOX, 1-GANG RING, 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING. X  DATA / IP PHONE OUTLET (STANDARD HEIGHT) X  DATA / IP PHONE OUTLET (MOUNTED AT 42" TO CENTER) X  WIRELESS ACCESS POINT DATA OUTLET X  COILED DATA FOR FUTURE USE X  DATA / TELEPHONE OUTLET (STANDARD HEIGHT) X  DATA / TELEPHONE OUTLET (MOUNTED AT 42" TO CENTER) X  TELEPHONE OUTLET (STANDARD HEIGHT) X  TELEPHONE OUTLET (MOUNTED AT 42" TO CENTER)	SECURITY DOOR CONTROL X  2 WAY INTERCOM SYSTEM DOOR STATION X  2 WAY INTERCOM SYSTEM MASTER STATION X  AUTOMATIC DOOR OPENER X  COMBINATION CARD READER AND KEY PAD X  CARD READER X  DURESS BUTTON X  DOOR POSITION SWITCH CONTACT X  DOOR POSITION SWITCH X  ELECTRIC TRIM LATCH X  ELECTRIC DOOR STRIKE X  GLASS BREAK SENSOR X  KEY PAD X  LIMIT SWITCH X  SECURITY SYSTEM MOTION DETECTOR X  SECURITY SYSTEM MOTION DETECTOR - WALL MOUNTED X  MAGNETIC LOCK X  PANIC PULL STATION X  REQUEST TO EXIT X  SECURITY STROBE X  SINGLE PUSH BUTTON - FUNCTIONALITY DEFINED ON PLANS	SECURITY DOOR CONTROL X  2 WAY INTERCOM SYSTEM DOOR STATION X  2 WAY INTERCOM SYSTEM MASTER STATION X  AUTOMATIC DOOR OPENER X  COMBINATION CARD READER AND KEY PAD X  CARD READER X  DURESS BUTTON X  DOOR POSITION SWITCH CONTACT X  DOOR POSITION SWITCH X  ELECTRIC TRIM LATCH X  ELECTRIC DOOR STRIKE X  GLASS BREAK SENSOR X  KEY PAD X  LIMIT SWITCH X  SECURITY SYSTEM MOTION DETECTOR X  SECURITY SYSTEM MOTION DETECTOR - WALL MOUNTED X  MAGNETIC LOCK X  PANIC PULL STATION X  REQUEST TO EXIT X  SECURITY STROBE X  SINGLE PUSH BUTTON - FUNCTIONALITY DEFINED ON PLANS	WIRING DEVICES SWITCHES SX SINGLE POLE SWITCH; TAG X, 3=3 WAY, 4=4 WAY, D=DIMMER, I=ILLUMINATED, K=KEYED, M=MOTION SENSOR SWITCH, P=PILOT, R=RELAY, WP=WEATHERPROOF, LVX=LOW VOLTAGE, TAG X = INDICATES NUMBER OF BUTTONS AT EACH SWITCH LOCATION SX SWITCH TO BE DEMOLISHED, X = ABBREVIATIONS ABOVE X SINGLE PUSH BUTTON - ADA DOOR BUTTON ADDITIONAL FUNCTIONALITY DEFINED ON PLANS X UP/DN PUSH BUTTON X MULTI PUSH BUTTON RECEPTACLES NO TAG=STANDARD RECEPTACLE, TAGS X, ARC=ARC FAULT RATED, CM=CEILING MOUNTED, CW=CLOTHES WASHER, D=EXTRA DEEP, DW=DISH WASHER, EWC=ELECTRIC WATER COOLER, FM=FLOOR MOUNTED, FH=FREEZER, HG=HOSPITAL GRADE, GD=GARBAGE DISPOSER, GFI=GROUND FAULT INTERRUPTER, GR=GAS RANGE, ICE=ICE MACHINE, IG=ISOLATED GROUND, MIC=MICROWAVE, REF=REFRIGERATOR, SP=SURGE PROTECTED, UCREF=UNDER COUNTER REFRIGERATOR, DEVICE, UPS=UNINTERRUPTED POWER SUPPLY, USB=UNIVERSAL SERIAL BUS, VM=WINDING MACHINE, WPGF=WEATHER PROOF/GROUND FAULT INTERRUPTER X  RECEPTACLE - SINGLE OR SIMPLE X  RECEPTACLE - DUPLEX X  RECEPTACLE - DUPLEX MOUNTED ABOVE COUNTER X  RECEPTACLE - DUPLEX WITH TOP HALF SWITCHED X  RECEPTACLE - DOUBLE DUPLEX X  RECEPTACLE - DUPLEX TRIPLE X  RECEPTACLE - DUPLEX QUAD X  BLANK OUTLET FOR FUTURE DEVICES 4" BOX, SINGLE GANG RING, BLANKPLATE, 1"C. STUBBED INTO ACCESSIBLE CEILING	SENSORS X  DUAL TECHNOLOGY OCCUPANCY SENSOR X  LINES REPRESENT WALL MOUNTED, NO LINES REPRESENT CEILING MOUNTED, TYPICAL ALL SENSORS X  MULTI DIRECTION DUAL TECHNOLOGY OCCUPANCY SENSOR X  ULTRASONIC OCCUPANCY SENSOR X  LONG THROW OCCUPANCY SENSOR X  HIGH BAY OCCUPANCY SENSOR X  PHOTOCCELL X  DAYLIGHT SENSOR	FIRE ALARM PANELS & FIRE ALARM SUPPORT ITEMS X  FIRE ALARM CONTROL PANEL X  FIRE ALARM ANNUNCIATOR PANEL, FLUSH OR SURFACE X  FIRE ALARM POWER SUPPLY X  FIRE ALARM COMMAND CENTER WITH MICROPHONE X  FIRE ALARM MICROPHONE ENCLOSURE, FLUSH OR SURFACE X  REMOTE TEST SWITCH	NOTIFICATION APPLIANCE TAGS X=CANDELA LEVEL, EX=EXPLOSION PROOF, WP=WATERPROOF X  WALL MOUNTED AUDIO (HORN) / VISUAL NOTIFICATION APPLIANCE X  WALL MOUNTED AUDIO (VOICE) / VISUAL NOTIFICATION APPLIANCE X  WALL MOUNTED FIRE ALARM SPEAKER X  WALL MOUNTED VISUAL NOTIFICATION APPLIANCE X  CEILING MOUNTED AUDIO (HORN) / VISUAL NOTIFICATION APPLIANCE X  CEILING MOUNTED AUDIO (VOICE) / VISUAL NOTIFICATION APPLIANCE X  CEILING MOUNTED FIRE ALARM SPEAKER X  CEILING MOUNTED VISUAL NOTIFICATION APPLIANCE X  WALL MOUNTED AUDIO (HORN) NOTIFICATION APPLIANCE X  WALL MOUNTED BELL X  MAGNETIC DOOR HOLDER X ELECTRIC DOOR HOLDER X ADDRESSABLE CONTROL MODULE	SPEAKERS TAGS XX, NO TAG=GENERAL PUBLIC ANNOUNCEMENTS, AS=AUDITORIUM, CL=CLASSROOM, CS=CAFETERIA, FH=FIELD HOUSE, FS=FITNESS, GS=GYM, IP=INFRASTRUCTURE, MP=MULTI-PURPOSE, PS=POOL, WS=WEIGHT ROOM, WP=WEATHER PROOF XX  AUXILIARY/INPUT SOUND JACK XX  MICROPHONE OUTLET XX  ADMINISTRATION STATION SEE SOUND SYSTEM RISER XX  VOLUME CONTROL X  WALL MOUNTED CALL-IN SWITCH BOX OR HANDSET SPKERS TAGS XX, NO TAG=GENERAL PUBLIC ANNOUNCEMENTS, AS=AUDITORIUM, CL=CLASSROOM, CS=CAFETERIA, FH=FIELD HOUSE, FS=FITNESS, GS=GYM, IP=INFRASTRUCTURE, MP=MULTI-PURPOSE, PS=POOL, WS=WEIGHT ROOM, WP=WEATHER PROOF XX  SPEAKER - WALL RECESSED MOUNTED XX  SPEAKER - WALL SURFACE MOUNTED WITH METAL ENCLOSURE XX  SPEAKER - WALL SURFACE MOUNTED - TWO SIDED XX  SPEAKER - WALL BRACKET MOUNTED XX  SPEAKER - HORN - WALL SURFACE MOUNTED XX  SPEAKER - CEILING RECESSED MOUNTED XX  SPEAKER - CEILING SURFACE MOUNTED WITH METAL ENCLOSURE XX  SPEAKER - CEILING SURFACE MOUNTED WITH METAL ENCLOSURE - TWO SIDED XX  SPEAKER - PENDANT MOUNTED XX  SPEAKER - PENDANT MOUNTED - TWO SIDED XX  SPEAKER LOUD - SUSPENDED	PUBLIC ANNOUNCEMENT INDICATION DEVICE X  PUBLIC ANNOUNCEMENT INDICATION STROBE LIGHT - WALL MOUNTED X  PUBLIC ANNOUNCEMENT INDICATION STROBE LIGHT - CEILING MOUNTED	HEALTHCARE X  NURSE CALL LIGHT X  NURSE CALL BEDSIDE STATION X  NURSE CALL STAFF ACKNOWLEDGE X  NURSE CALL CONTROL ROOM STATION X NURSE CALL POWER SUPPLY

ELECTRICAL SHEET LIST	
Sheet Number	Sheet Name
E000	ELECTRICAL SYMBOLS AND ABBREVIATIONS
E001	SITE PLAN - ELECTRICAL
E002	OVERALL PLANS - ELECTRICAL
E003	ONE LINE DIAGRAM
E004	PANEL SCHEDULES

Issued for:	
CONSTRUCTION DOCUMENTS	
12/19/2025	
Project Number:	
3705	
Sheet Title:	
ELECTRICAL SYMBOLS AND ABBREVIATIONS	
Sheet Number:	

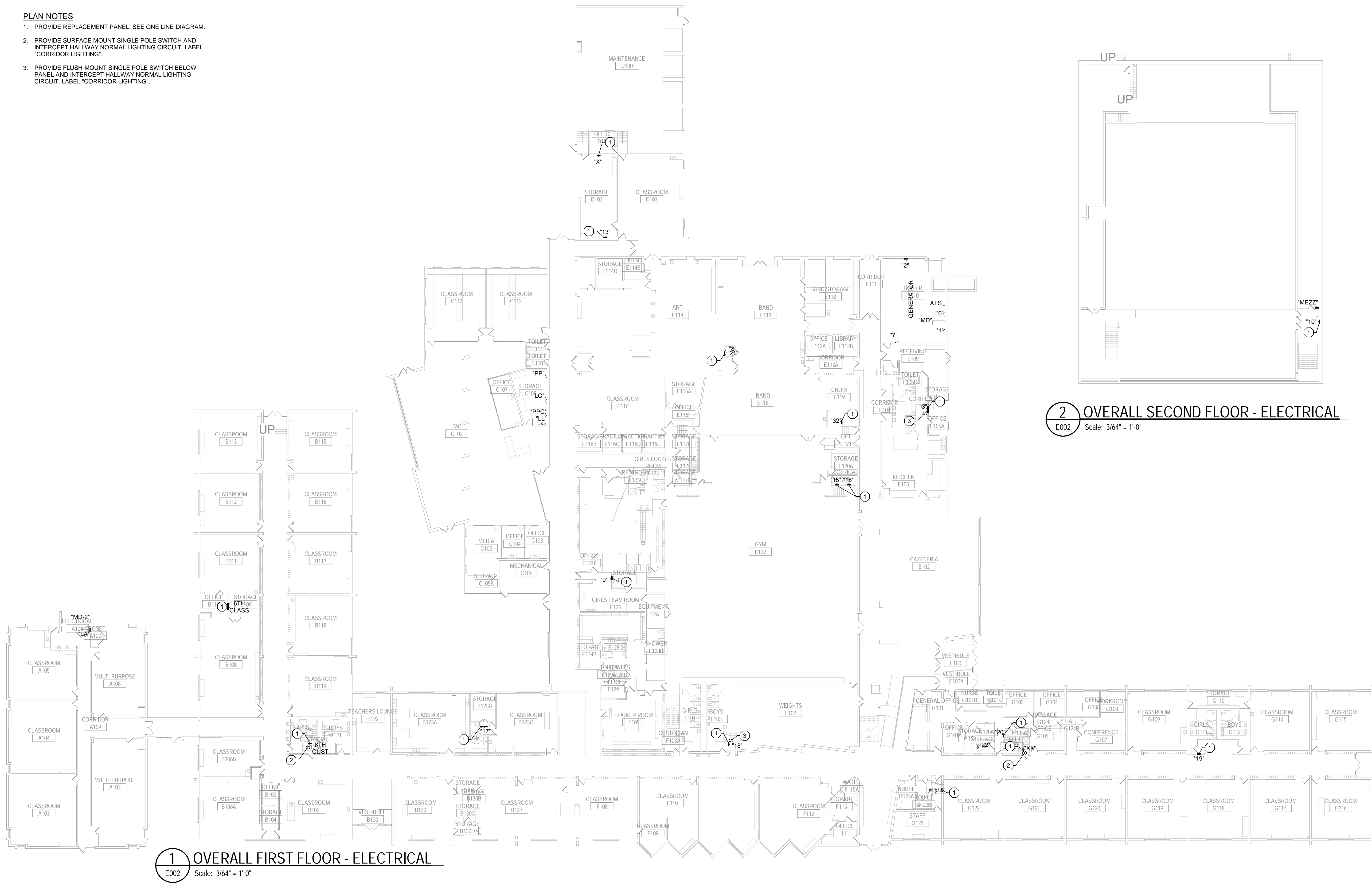
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WHITewater MIDDLE SCHOOL - FIXTURE SCHEDULE										
TYPE	DESCRIPTION	LUMENS DEL.	LAMP TYPE	WATTS	MANUFACTURER	CATALOG NUMBER	NOTE			
Y1	POLE MOUNTED AREA LIGHT W/BACK LIGHT CONTROL	10,000	4000K LED	104	LITHONIA	DSX1 LED P3 40K 70CRI BLC2				
Y2	POLE MOUNTED AREA LIGHT	14,000	4000K LED	104	MCGRAW-EDISON	GALN-SA2A-740-U-SL4-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 SHIELD	13,500	4000K LED	104	MCGRAW-EDISON	GALN-SA3A-740-U-T2-BZ				
LP1	22' SQUARE STRAIGHT POLE W/BASE	-	-	-	LITHONIA	DSX1 LED P3 40K 70CRI T3M				
	UNIVERSAL SINGLE/DOUBLE FACE EXIT RED LETTERS	-	LED	2	LITHONIA	DSX1 LED P3 40K 70CRI TFM HSS				
					MCGRAW-EDISON	GALN-SA3A-740-U-T3-BZ				
					LITHONIA	DSX1 LED P3 40K 70CRI T4FT-BZ				
					UTILITY METALS	SSSA-11-22-5G-DM19AS-VD-DBLXD				
					ULSI	RPSQ-22-4-11-AB-D1-NB				
					LITHONIA	LQM-S-W-3-R-120/277				
					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 GYP. 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.										

- PLAN NOTES
1. PROVIDE REPLACEMENT PANEL. SEE ONE LINE DIAGRAM.
 2. PROVIDE SURFACE MOUNT SINGLE POLE SWITCH AND INTERCEPT HALLWAY NORMAL LIGHTING CIRCUIT. LABEL "CORRIDOR LIGHTING".
 3. PROVIDE FLUSH-MOUNT SINGLE POLE SWITCH BELOW PANEL AND INTERCEPT HALLWAY NORMAL LIGHTING CIRCUIT. LABEL "CORRIDOR LIGHTING".



2 OVERALL SECOND FLOOR - ELECTRICAL
E002 Scale: 3/64" = 1'-0"

1 OVERALL FIRST FLOOR - ELECTRICAL
E002 Scale: 3/64" = 1'-0"

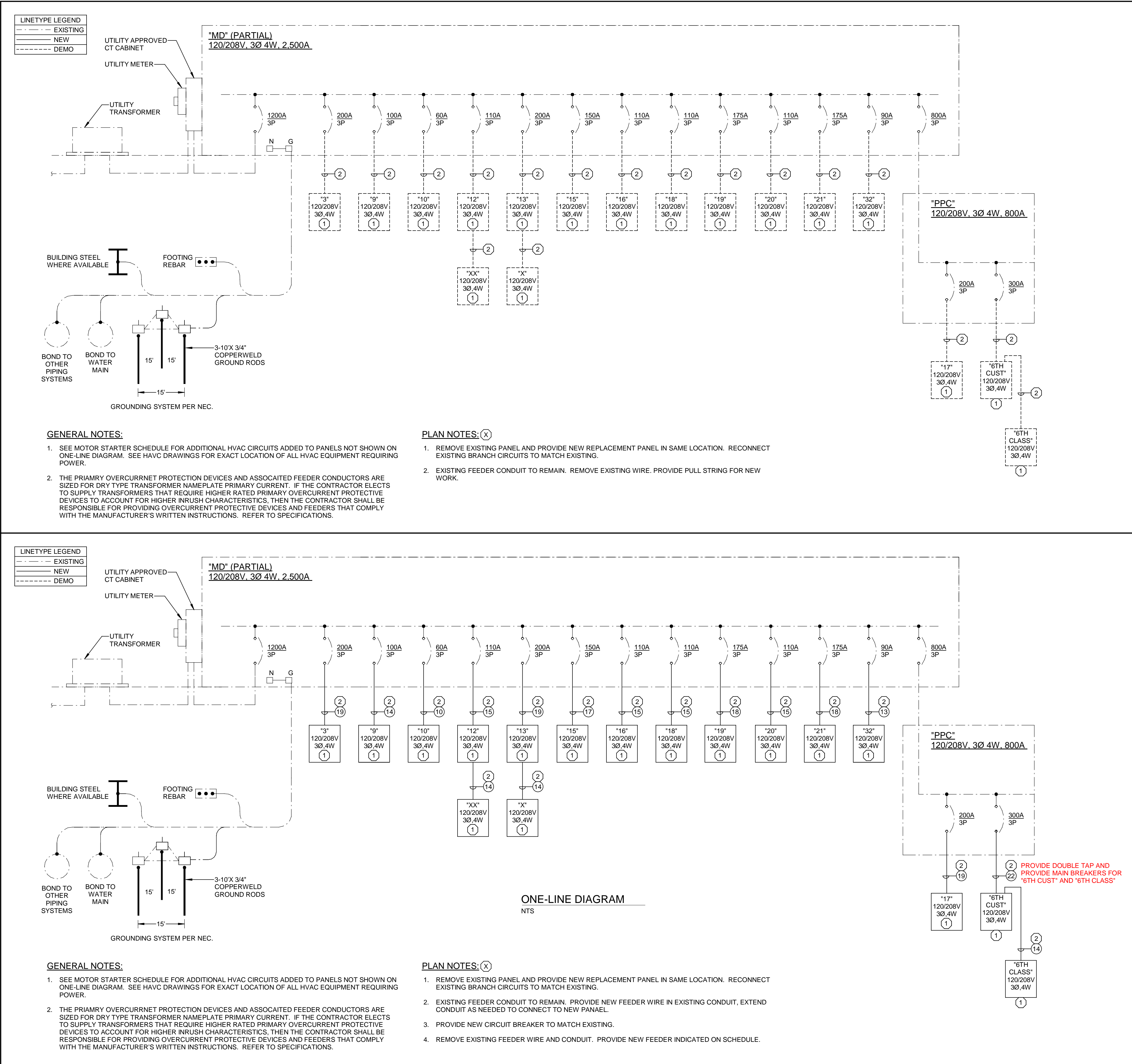
FEEDER SCHEDULE								
IDENTIFIER	AMPACITY	1Ø TWO-WIRE CIRCUIT		1Ø OR 3Ø THREE-WIRE CIRCUIT		3Ø FOUR-WIRE CIRCUIT		EQUIPMENT GROUNDING CONDUCTOR
		CONDUIT	CIRCUIT CONDUCTORS	CONDUIT	CIRCUIT CONDUCTORS	CONDUIT	CIRCUIT CONDUCTORS	
COPPER CONDUCTORS								
1	10	3/4"	(2) #12	3/4"	(3) #12	3/4"	(4) #12	#12
2	15	3/4"	(2) #12	3/4"	(3) #12	3/4"	(4) #12	#12
3	20	3/4"	(2) #12	3/4"	(3) #12	3/4"	(4) #12	#12
4	25	3/4"	(2) #10	3/4"	(3) #10	3/4"	(4) #10	#10
5	30	3/4"	(2) #10	3/4"	(3) #10	3/4"	(4) #10	#10
6	35	3/4"	(2) #8	3/4"	(3) #8	3/4"	(4) #8	#10
7	40	3/4"	(2) #8	3/4"	(3) #8	3/4"	(4) #8	#10
8	45	3/4"	(2) #8	3/4"	(3) #8	3/4"	(4) #8	#10
9	50	3/4"	(2) #8	3/4"	(3) #8	3/4"	(4) #8	#10
10	60	3/4"	(2) #6	3/4"	(3) #6	1"	(4) #6	#10
11	70	1"	(2) #4	1"	(3) #4	1-1/4"	(4) #4	#8
12	80	1"	(2) #4	1"	(3) #4	1-1/4"	(4) #4	#8
13	90	1"	(2) #3	1"	(3) #3	1-1/4"	(4) #3	#8
14	100	1-1/4"	(2) #3	1-1/4"	(3) #3	1-1/4"	(4) #3	#8
ALUMINUM CONDUCTORS								
15	110	1-1/4"	(2) #1/0	1"	(3) #1/0	2"	(4) #1/0	#4
16	125	1-1/2"	(2) #2/0	2"	(3) #2/0	2"	(4) #2/0	#4
17	150	1-1/2"	(2) #3/0	2"	(3) #3/0	2"	(4) #3/0	#4
18	175	N/A	N/A	2"	(3) #4/0	2-1/2"	(4) #4/0	#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) 500KCMIL	#2
23	350	N/A	N/A	(2) 2"	2 SETS OF (3) #4/0	(2) 2-1/2"	2 SETS OF (4) #4/0	#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



<div><div>PANEL SCHEDULE -- PANEL: "10"</div><div>VOLT 120/208 Ø 3 WIRE 4 LOCATION:</div><div>BUS SIZE 100A <input type="checkbox"/> 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 MANUFACTURE SQUARE D <input checked="" type="checkbox"/> FLUSH MODEL NO</div><div>WITH THE FOLLOWING BREAKERS:</div><table><tr><th>QUANTITY</th><th>POLE</th><th>AMPS</th><th>LOAD SERVED</th></tr><tr><td>20</td><td>1</td><td>20</td><td>EXISTING LOADS</td></tr><tr><td>10</td><td>-</td><td>-</td><td>SPACES</td></tr></table><div>30 CKT TUB</div></div>	QUANTITY	POLE	AMPS	LOAD SERVED	20	1	20	EXISTING LOADS	10	-	-	SPACES	<div><div>PANEL SCHEDULE -- PANEL: "12"</div><div>VOLT 120/208 Ø 3 WIRE 4 LOCATION:</div><div>BUS SIZE 225A <input type="checkbox"/> MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE <input type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input checked="" type="checkbox"/> SURFACE AIC MANUFACTURE SQUARE D <input type="checkbox"/> FLUSH MODEL NO</div><div>WITH THE FOLLOWING BREAKERS:</div><table><tr><th>QUANTITY</th><th>POLE</th><th>AMPS</th><th>LOAD SERVED</th></tr><tr><td>1</td><td>3</td><td>100</td><td>PNL XX</td></tr><tr><td>1</td><td>3</td><td>20</td><td>EXISTING LOAD</td></tr><tr><td>2</td><td>2</td><td>40</td><td>EXISTING LOADS</td></tr><tr><td>1</td><td>2</td><td>20</td><td>EXISTING LOAD</td></tr><tr><td>30</td><td>1</td><td>20</td><td>EXISTING LOADS</td></tr></table><div>42 CKT TUB</div></div>	QUANTITY	POLE	AMPS	LOAD SERVED	1	3	100	PNL XX	1	3	20	EXISTING LOAD	2	2	40	EXISTING LOADS	1	2	20	EXISTING LOAD	30	1	20	EXISTING LOADS	<div><div>PANEL SCHEDULE -- PANEL: "13"</div><div>VOLT 120/208 Ø 3 WIRE 4 LOCATION:</div><div>BUS SIZE 100A <input type="checkbox"/> MAIN CIRCUIT BKR SIZE 100A <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input type="checkbox"/> SURFACE AIC MANUFACTURE SQUARE D <input checked="" type="checkbox"/> FLUSH MODEL NO</div><div>WITH THE FOLLOWING BREAKERS:</div><table><tr><th>QUANTITY</th><th>POLE</th><th>AMPS</th><th>LOAD SERVED</th></tr><tr><td>1</td><td>2</td><td>30</td><td>EXISTING LOAD</td></tr><tr><td>2</td><td>2</td><td>20</td><td>EXISTING LOADS</td></tr><tr><td>20</td><td>1</td><td>20</td><td>EXISTING LOADS</td></tr><tr><td>4</td><td>-</td><td>-</td><td>SPACES</td></tr></table><div>30 CKT TUB</div></div>	QUANTITY	POLE	AMPS	LOAD SERVED	1	2	30	EXISTING LOAD	2	2	20	EXISTING LOADS	20	1	20	EXISTING LOADS	4	-	-	SPACES	<div><div>PANEL SCHEDULE -- PANEL: "15"</div><div>VOLT 120/208 Ø 3 WIRE 4 LOCATION:</div><div>BUS SIZE 225A <input type="checkbox"/> MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input checked="" type="checkbox"/> SURFACE AIC MANUFACTURE SQUARE D <input type="checkbox"/> FLUSH MODEL NO</div><div>WITH THE FOLLOWING BREAKERS:</div><table><tr><th>QUANTITY</th><th>POLE</th><th>AMPS</th><th>LOAD SERVED</th></tr><tr><td>30</td><td>1</td><td>20</td><td>EXISTING LOADS</td></tr><tr><td>12</td><td>-</td><td>-</td><td>SPACES</td></tr></table><div>42 CKT TUB</div></div>	QUANTITY	POLE	AMPS	LOAD SERVED	30	1	20	EXISTING LOADS	12	-	-	SPACES	<div><div>PANEL SCHEDULE -- PANEL: "16"</div><div>VOLT 120/208 Ø 3 WIRE 4 LOCATION:</div><div>BUS SIZE 100A <input type="checkbox"/> MAIN CIRCUIT BKR SIZE <input checked="" type="checkbox"/> MAIN LUGS PANEL SIZE <input checked="" type="checkbox"/> SUB FEED LUGS SIZE XXXA <input checked="" type="checkbox"/> COPPER GROUND BUS <input checked="" type="checkbox"/> SURFACE AIC MANUFACTURE SQUARE D <input type="checkbox"/> FLUSH MODEL NO</div><div>WITH THE FOLLOWING BREAKERS:</div><table><tr><th>QUANTITY</th><th>POLE</th><th>AMPS</th><th>LOAD SERVED</th></tr><tr><td>1</td><td>3</td><td>20</td><td>EXISTING LOAD</td></tr><tr><td>2</td><td>2</td><td>60</td><td>EXISTING LOADS</td></tr><tr><td>23</td><td>1</td><td>20</td><td>EXISTING LOADS</td></tr></table><div>30 CKT TUB</div></div>	QUANTITY	POLE	AMPS	LOAD SERVED	1	3	20	EXISTING LOAD	2	2	60	EXISTING LOADS	23	1	20	EXISTING LOADS
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Project Title:
Addition & Renovation to
Whitewater Middle School
Whitewater Unified School District
829 S. 1st Street
Milwaukee, WI 53204

ISSUANCES + REVISIONS:
A DATE DESCRIPTION

Issued for:
CONSTRUCTION
DOCUMENTS
12/19/2025
Project Number:
3705
Sheet Title:
PANEL
SCHEDULES

Sheet Number:

E004