

R/S

RAMLOW / STEIN
ARCHITECTURE + INTERIORS

Ms. Sonja Kruesel, Zoning Administrator/City Planner
City of Fitchburg
Planning/Zoning Department
5520 LACY Road
Fitchburg, Wisconsin, 53711

RE: Promega RDC Exterior Design Submittal.

Dear Ms. Kruesel,

On Behalf of our client, Promega Corporation, we are pleased to transmit the following information for your staffs review and consideration by the City of Fitchburg's Plan Commission for an addition to the RDC building on Promega's campus at 2800 Woods Hollow Road. Please let us know if you need any additional information.

Please accept the following documents:

2021-09-21_Promega-RDC_ADR-Submission.pdf

Cover Letter
ADR Application
Project Narrative
Building Plans
Building Elevations
Civil Package

We look forward to working with you, your staff, and Commissioners. Please feel free to contact me with questions. We will work to get the answers and additional information you may require in facilitating the review and approval process. Thank you for your time and consideration.

Sincerely,



Steve Wellenstein
Uihlein-Wilson Architects, Inc.
414-271-8899
(cell) 414-530-3450



City of Fitchburg
 Planning/Zoning Department
 5520 Lacy Road
 Fitchburg, WI 53711
 (608-270-4200)

ARCHITECTURAL & DESIGN REVIEW APPLICATION

Applicant/Contact Person: _____

Address: _____ **Phone Number of Contact Person:** _____

City, State, Zip Code: _____ **Email of Contact Person:** _____

Project Address: _____ **Lot:** _____ **Subdivision:** _____

Project Type: _____ **Multi-Family** _____ **Commercial** _____ **Industrial** _____ **Other**
 _____ **New** _____ **Addition**

Impervious Surface Ratio (ISR): _____ (City Standard: maximum 65% ISR)

All items listed below must be included with the application to be considered complete. If an item is not included with the application, the applicant must provide in writing the basis for not including it. Building and site plans submitted to the Fitchburg Plan Commission for architectural and design review shall contain the following information:

Site Data:

- 1. Lot or property dimensions.
- 2. Orientation (to north).
- 3. Adjacent highways, roads, drive, etc.
- 4. Existing natural features (rivers, ponds, wetlands).
- 5. Existing buildings and/or improvements.
- 6. Existing and proposed site drainage.
- 7. Utility plans, including main/lateral sizes and existing fire hydrants on site or within 300 feet of the site
- 8. ISR shall be indicated on all plans.
- 9. Stormwater management plans and details, including grading plan.
- 10. Lighting plan in footcandles and light fixture cut sheets.

Building:

- 1. Building size, configuration and orientation.
- 2. Distance from lot lines.
- 3. Distance from other buildings, improvements and natural features.
- 4. Location of well, septic tank, drainfield, etc. (if applicable)
- 5. Additional proposed additions or new structures, including trash/recycling enclosure(s).
- 6. Construction type (wood frame, structural steel, etc.).
- 7. Foundation type (full basement, slab on grade, etc.).
- 8. Number of levels.
- 9. Siding/exterior covering type, color, texture, etc.
- 10. Roof type (gable, hip, shed, flat, etc.) and pitch.
- 11. Roofing material type, color, texture, etc.
- 12. Exterior door and window location, size, type, etc.
- 13. Fire protection sprinklers or fire alarm systems.

Ingress, Egress, Parking:

- 1. Location of highway and road access points.
- 2. Location, size, configuration of drivers and walks.
- 3. Number, size, location of parking spaces.
- 4. Location of handicapped parking and accessible building entrances.
- 5. Bicycle rack(s).

Landscaping:

- 1. Location, species, size of existing trees, shrubs, and plantings.
- 2. Location, species, size of proposed plantings.
- 3. Location and size of all paved, seeded/sodded and gravelled areas.
- 4. Location of all retaining walls, fences, berms and other landscape features.

***It is highly recommended that an applicant hold at least one neighborhood meeting prior to submitting an ADR application to identify any concerns or issues of surrounding residents.**

The preceding information is considered to be the minimum information for submission, and the City may require additional information for its review. Any interpretations provided by city officials as the result of submitting the attached information are based on the submitted plans, and any plan changes, may affect the interpretations.

It is the responsibility of the owner/applicant to insure compliance with all local and state requirements. The below signed applicant acknowledges the above information and hereby submits the attached information for the City's Architectural and Design Review Process.

Signed:  Date: _____
Applicant or Authorized Agent

***** Application shall be accompanied by one (1) sets of full-size plans, two (2) sets no larger than 11"x17", and one (1) pdf document of the complete submittal to planning@fitchburgwi.gov. Applications are due at least 4 weeks prior to the desired Plan Commission Meeting. The time frame assumes a complete set of plans is provided, and if it is not provided the Plan Commission date will be adjusted.**

FOR CITY USE ONLY

Date Received: _____ Plan Commission Date: _____

Comments:

Architectural Design and Review Application submission for Promega Corporation**Proposed Addition to the Promega RDC Building.****Narrative**

Promega Corporation is applying for an addition and renovation of the existing RDC building located at 2800 Woods Hollow Road.

Numerous aspects of the existing building's façade are failing and in need of replacement to allow for Promega to operate the teams and systems needed in the building. The existing building will remain, with certain elements being replaced. All the existing glazing systems, including the skylights, will be replaced with high performing energy efficient equivalents. The existing low slope roof will be replaced with a new membrane system, with new high R value insulation. All the existing soffits will be replaced, and the EIFS at the skylight will be removed in favor of a metal panel system to provide better moisture protection. Lastly, the existing rooftop HVAC equipment is being removed.

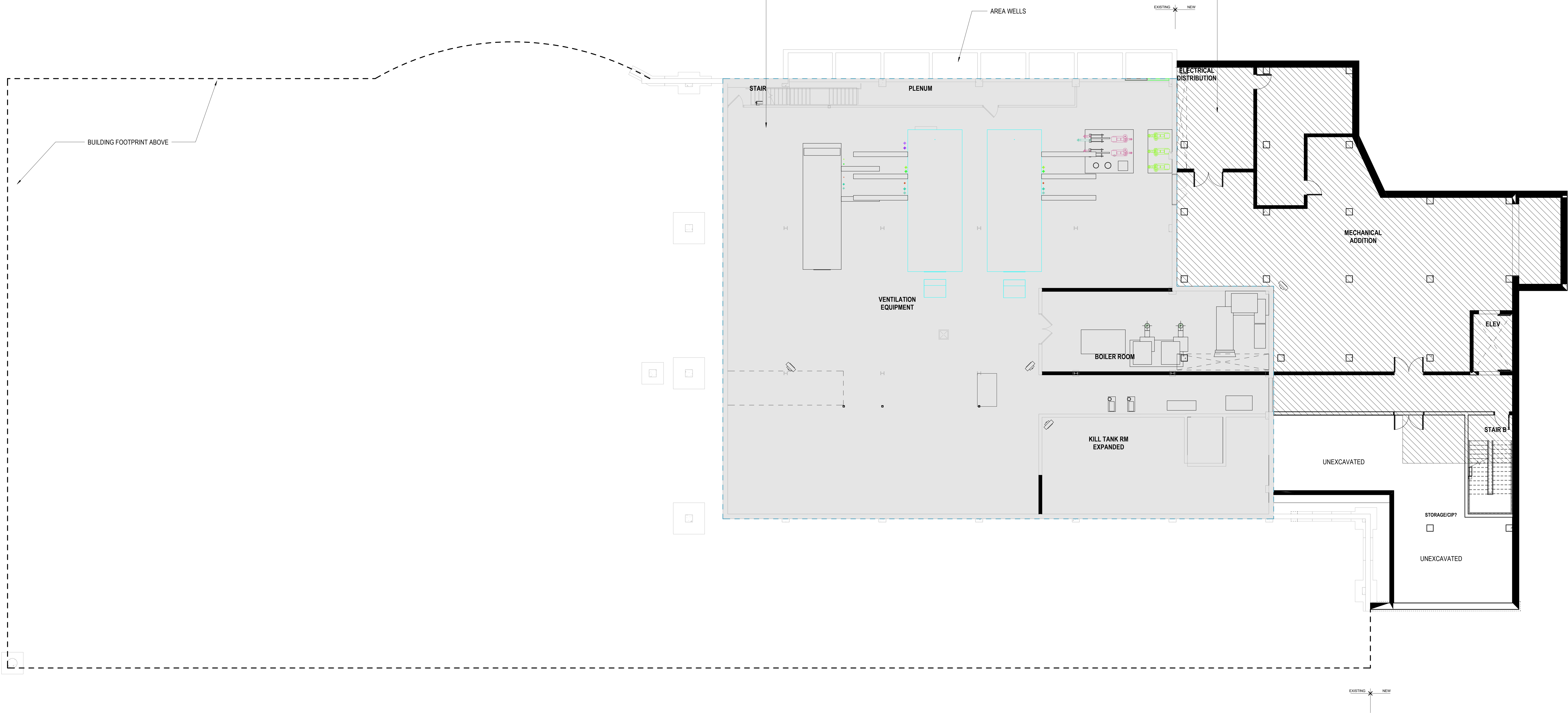
The addition is located at the NE corner and will use brick masonry, reveals and glazing patterns to match the existing façade in design and layout. A low slope membrane roof will be installed with tapered insulation. New rooftop HVAC unit will be located over the addition near the service drive and parking garage. The roof access stair will be clad in metal panel where it extends above the parapet. The new dock will have a canopy on it, clad in a metal panel to match the roof access stair enclosure. The dock faces the parking structure to the east and will not be visible from the south or west.

Principal exterior materials – Red Brick, and Curtainwall/Storefront Glazing Systems.

Additional materials used: Metal Panel, Ultra Thermal Storefront, Curtainwall, and Glazing will match existing finishes, and profiles.

EXISTING
9,508 SF

NEW ADDITION
4,231 SF



1 BASEMENT - OVERALL
ADR 00 SCALE: 1/8" = 1'-0"



NORTH



PROMEGA RDC RENOVATIONS

ADR 00 BASEMENT FLOOR PLAN

09/03/2021
SCALE: 1/8" = 1'-0"



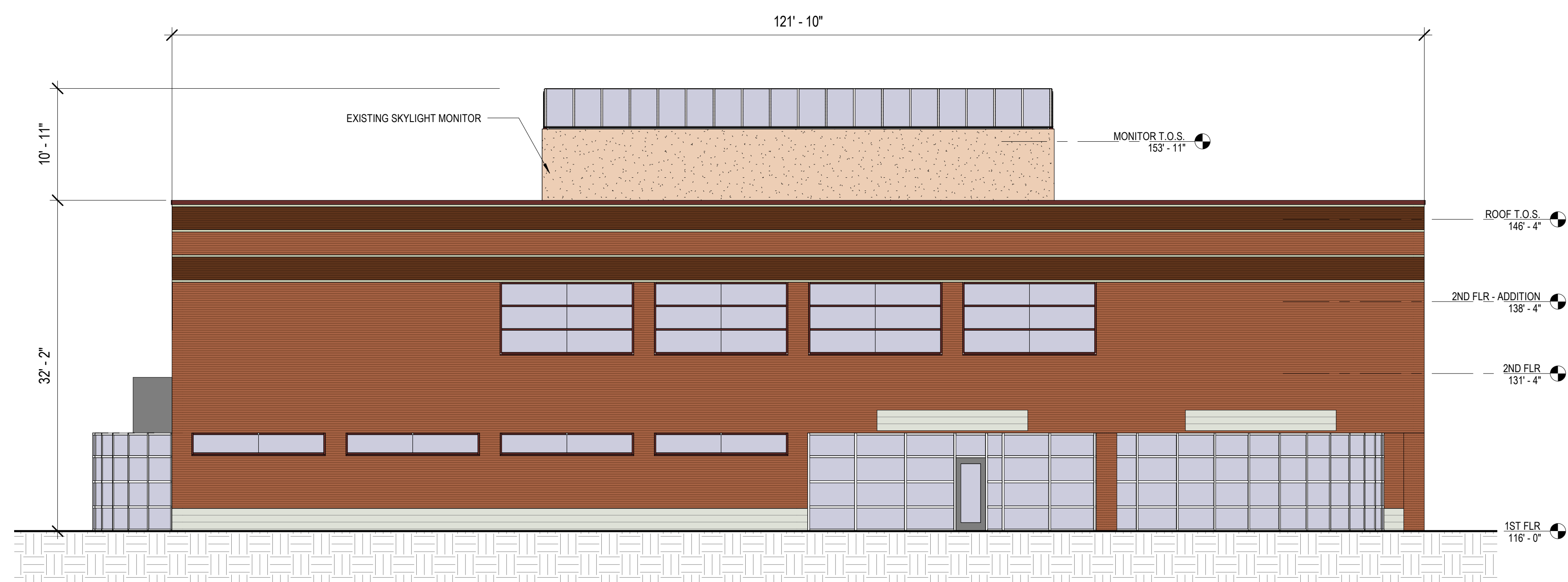
EXISTING
31,323 SF

NEW ADDITION
5,787 SF

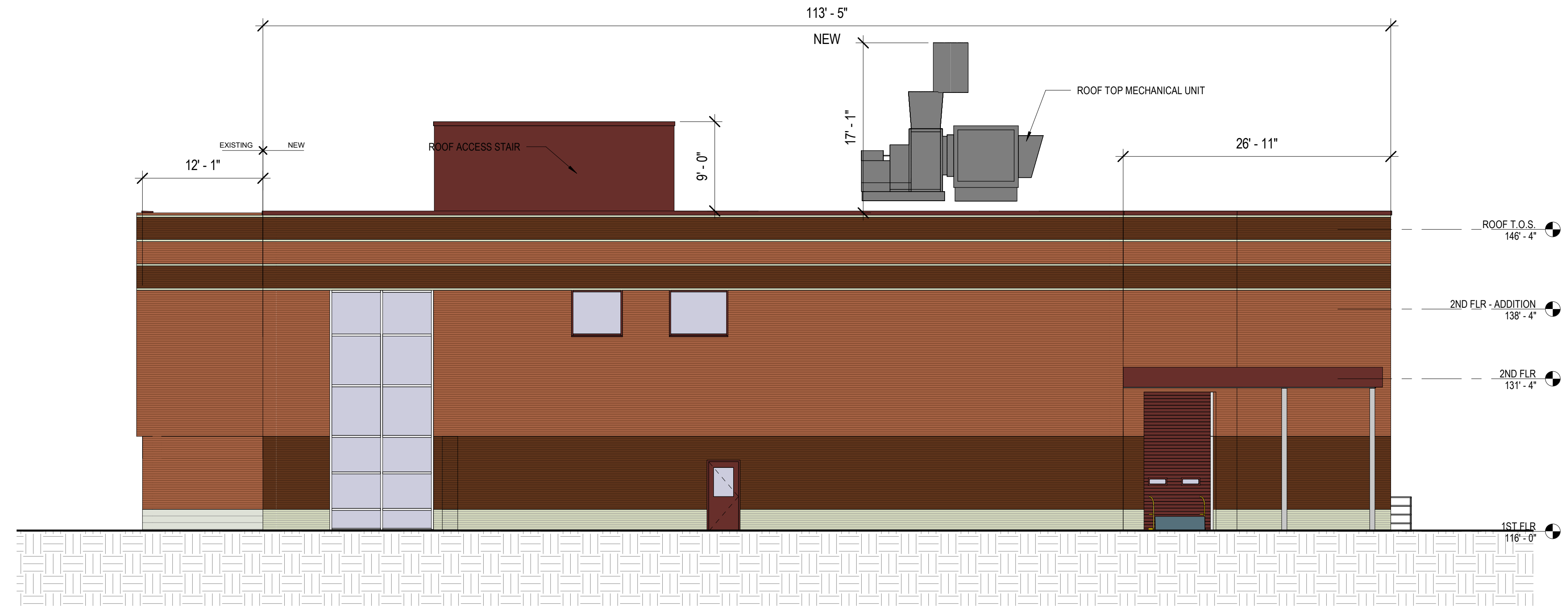


1 SECOND FLOOR - OVERALL
ADR 02 SCALE: 1/8" = 1'-0"

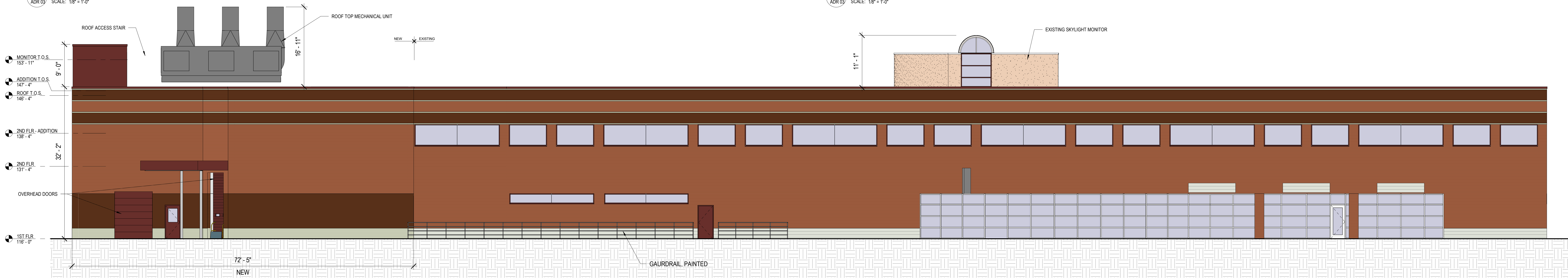




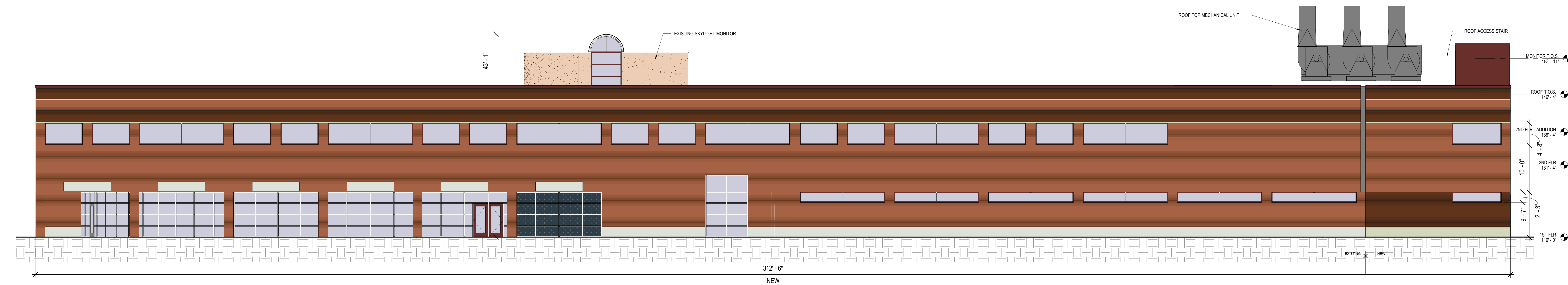
4 WEST EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"



3 EAST EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"

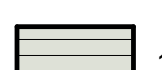








2 NORTH EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"



1 SOUTH EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"

MATERIAL SYMBOLS

- | | |
|--|---|
|  1. MASONRY BLOCK |  5. EIFS SYSTEM - STUCCO FINISH |
|  2. BRICK 'A' |  6. GLASS |
|  3. BRICK 'B' |  7. PAINTED / PRE-FINISHED METAL |
|  4. BRICK 'C' | |

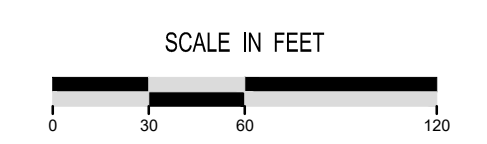
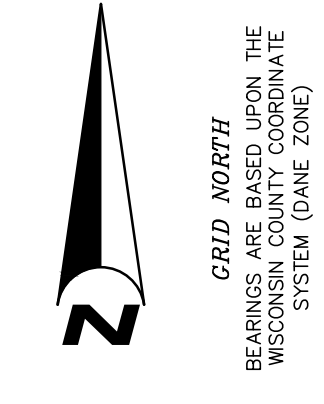


PROMEGA RDC RENOVATIONS

ADR 03 BUILDING ELEVATIONS

09/03/2021
SCALE: 1/8" = 1'-0"





LEGEND

- PROPERTY LINE
- - - BUILDING SETBACK
- EX STORM SEWER
- EX SANITARY SEWER
- EX WATER MAIN
- EXISTING MINOR CONTOURS (5-FT)
- EXISTING MAJOR CONTOURS (5-FT)
- BURIED TELEPHONE
- BURIED ELECTRIC
- BURIED CABLE ACCESS TELEVISION
- LINE
- BURIED FIBER OPTIC
- GAS VALVE
- GAS METER
- DECIDUOUS TREE (DBH IN INCHES)
- CONIFEROUS TREE (DBH IN INCHES)
- AIR CONDITIONER
- TV PEDESTAL
- ELECTRIC PEDESTAL
- UTILITY POLE
- LIGHT POLE
- GROUND LIGHT
- TELEPHONE PEDESTAL
- SIGN
- BOLLARD
- ELECTRIC MANHOLE
- TELEPHONE MANHOLE
- BITUMINOUS PAVEMENT
- CONCRETE PAVEMENT
- INDICATES RECORDED AS
- SOLI BORING LOCATION

GENERAL NOTES

1. EXISTING CONDITIONS SHOWN ARE BASED ON A SURVEY FROM BURSE SURVEYING AND ENGINEERING, INC.
2. NO SITE GRADING SHALL BE PERFORMED OUTSIDE OF THE SILT FENCE / GRADING LIMITS / PROPERTY LINE EXCEPT AS NOTED.



KEY PLAN



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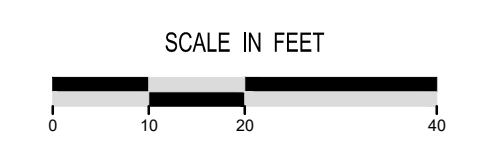
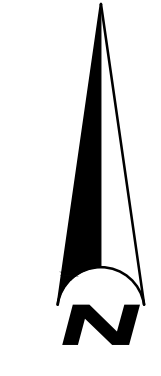
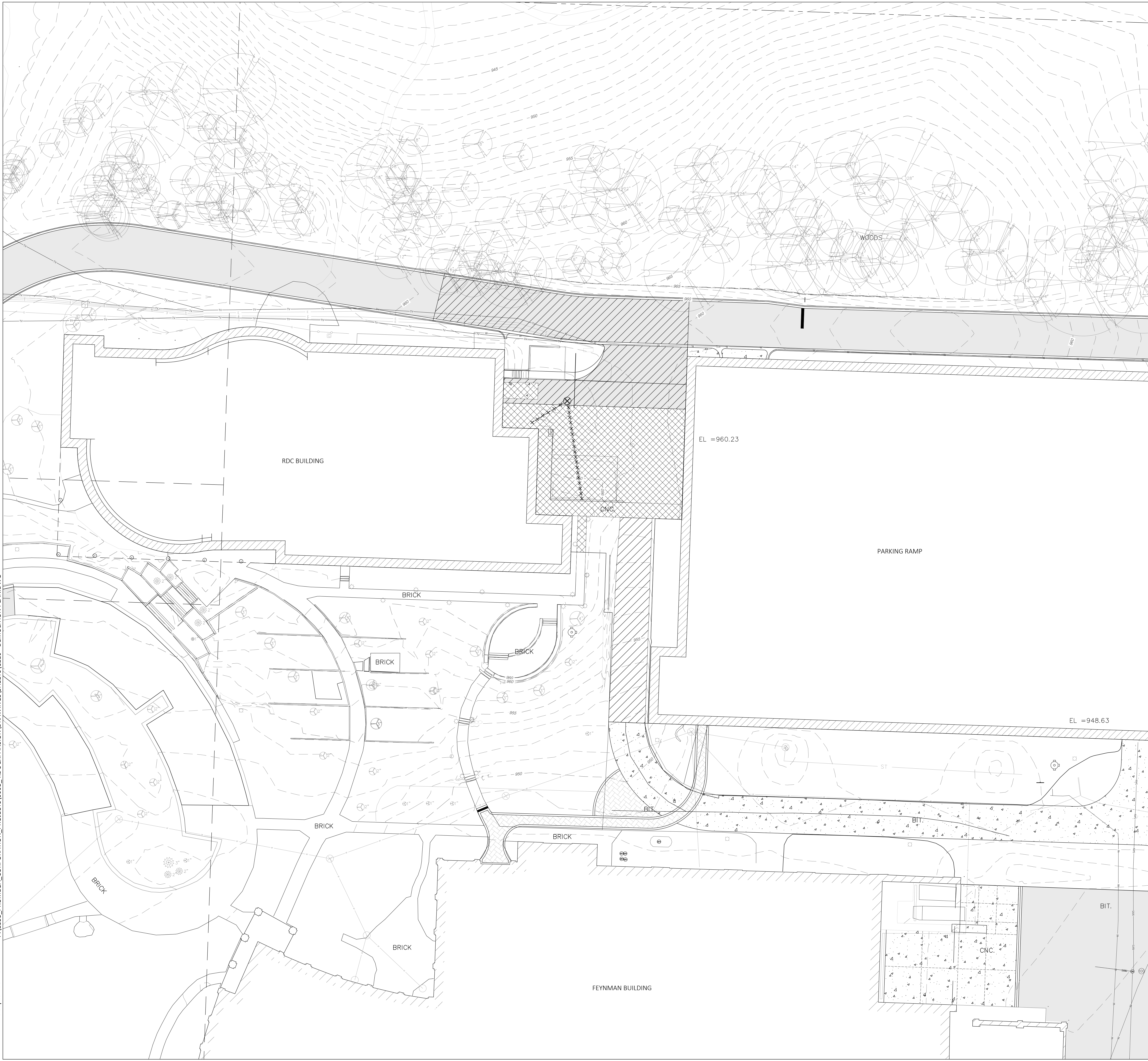
PROJECT
RDC EXPANSION
PROMEGA CORPORATION

SHEET
EXISTING CONDITIONS

DATE
09/09/2021

PROJECT NO.
20-112

SHEET NO.



LEGEND

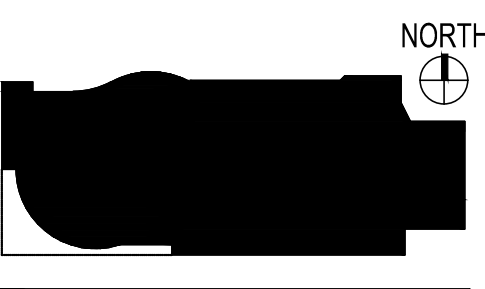
- LIMITS OF DISTURBANCE
- - - EX MINOR CONTOURS
- - - EX MAJOR CONTOURS (5-FOOT)
- X REMOVE TREE
- REMOVE ASPHALT PAVEMENT
- REMOVE CONCRETE
- REMOVE EX OBJECT
- REMOVE PIPE

GENERAL NOTES

1. REFER TO EXISTING CONDITIONS SURVEY FOR EXISTING CONDITIONS NOTES AND LEGEND.
2. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF FITCHBURG REQUIREMENTS.
3. BUILDING FOOTPRINT ONLY. REFER TO FOUNDATION PLAN FOR DIMENSIONS.
4. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.

DEMOLITION NOTES

1. PRIOR TO DEMOLITION OCCURRING, ALL EROSION CONTROL PROVISIONS SHALL BE INSTALLED AS SHOWN ON SHEET C130.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSING IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES, OF ALL STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PARKING DRIVES, DRAINAGE, STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE SPECIFICATIONS.
3. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY.
4. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ONSITE LOCATION.
5. ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE, AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE.
6. ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
7. THE CONTRACTOR SHALL LIMIT SAWCUT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS. IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO ANY PUBLIC SIDEWALKS, CURBS, DRIVEWAYS, ETC.
9. CLEARED TREES SHALL BE STOCKPILED OR REMOVED AS DIRECTED BY OWNER.
10. NO TREES SHALL BE REMOVED WITHOUT PERMISSION FROM THE OWNER.



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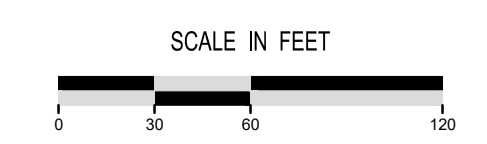
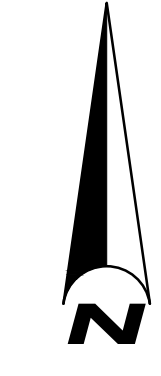
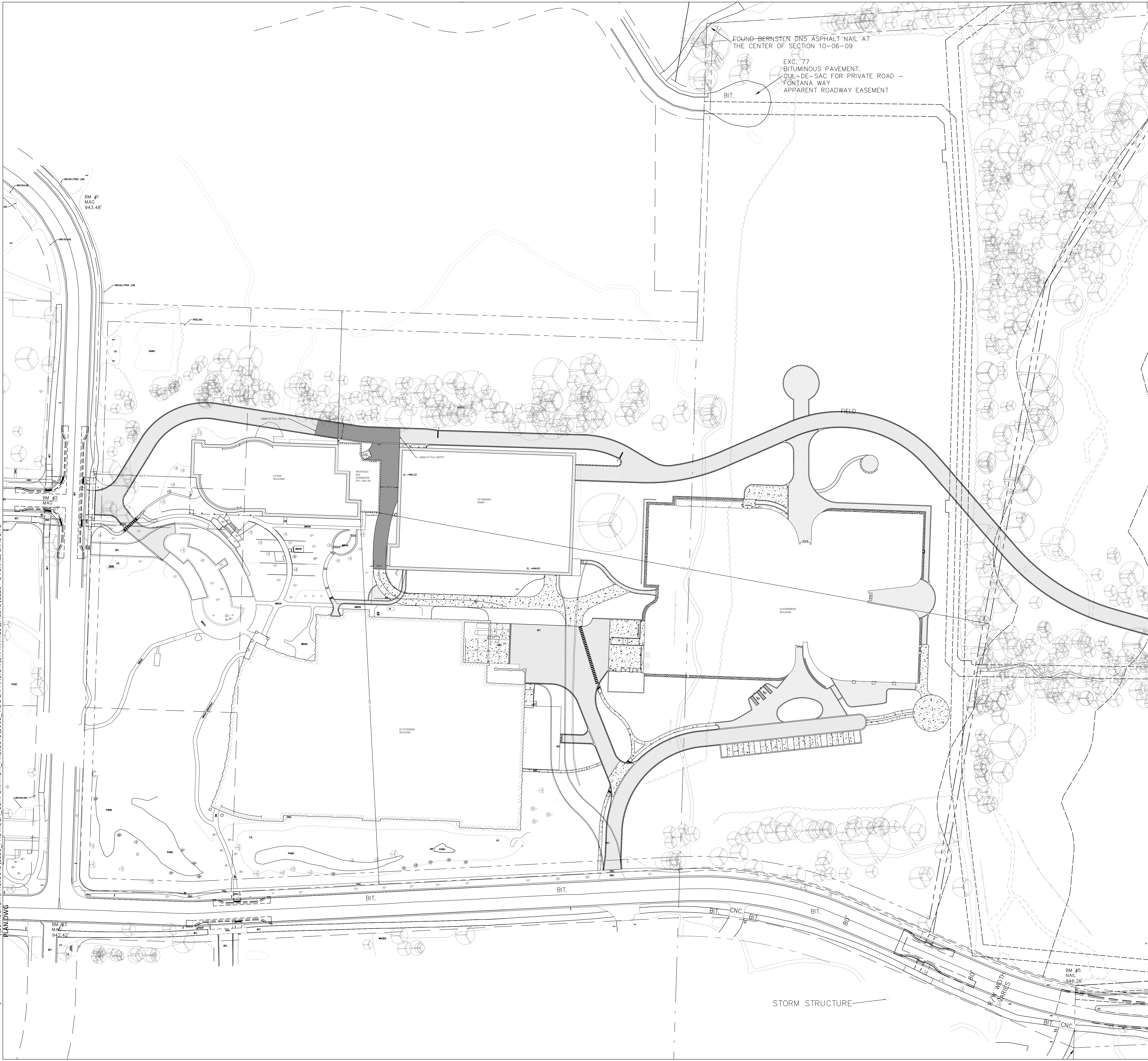
PROJECT
RDC EXPANSION
PROMEGA CORPORATION

SHEET
DEMOLITION PLAN

DATE
09/09/2021

PROJECT NO.
20-112

SHEET NO.



LEGEND

- PROPERTY LINE
- - - BUILDING SETBACK
- ▨ PROPOSED ASPHALT
- ▩ PROPOSED CONCRETE

NOTES

1. ALL RADII ARE TO THE EDGE OF PAVEMENT

SITE INFORMATION

SITE ADDRESS: 2800 WOODS HOLLOW ROAD
 LOT ACREAGE: 40.20 AC
 USE OF PROPERTY: INDUSTRIAL
 ZONING: SPECIALIZED INDUSTRIAL (I-S)

SETBACKS:
 FRONT YARD: 20 FT
 REAR YARD: 30 FT
 SIDE YARD: 10 FT
 SIDE STREET: 15 FT

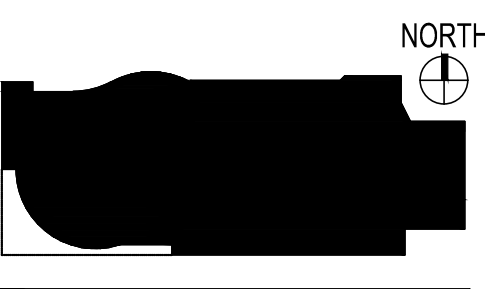
MAXIMUM LOT AREA COVERAGE: 65%
 MINIMUM OPEN SPACE REQUIRED: 30%

EXISTING IMPERVIOUS SURFACE AREA: 599,450 SQ.FT.
 NEW IMPERVIOUS SURFACE AREA: 599,930 SQ.FT.

PERCENT LOT IMPERVIOUS:
 EXISTING: 34.2%
 PROPOSED: 34.2%

OPEN SPACE:
 EXISTING: 65.8%
 PROPOSED: 65.8%

DISTURBANCE LIMITS: 20,500 SQ.FT.



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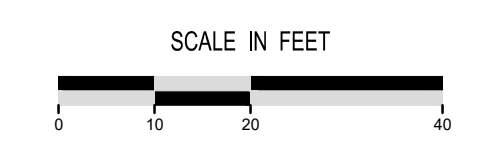
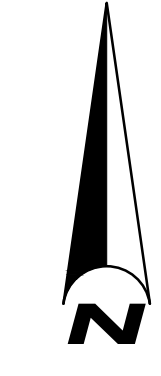
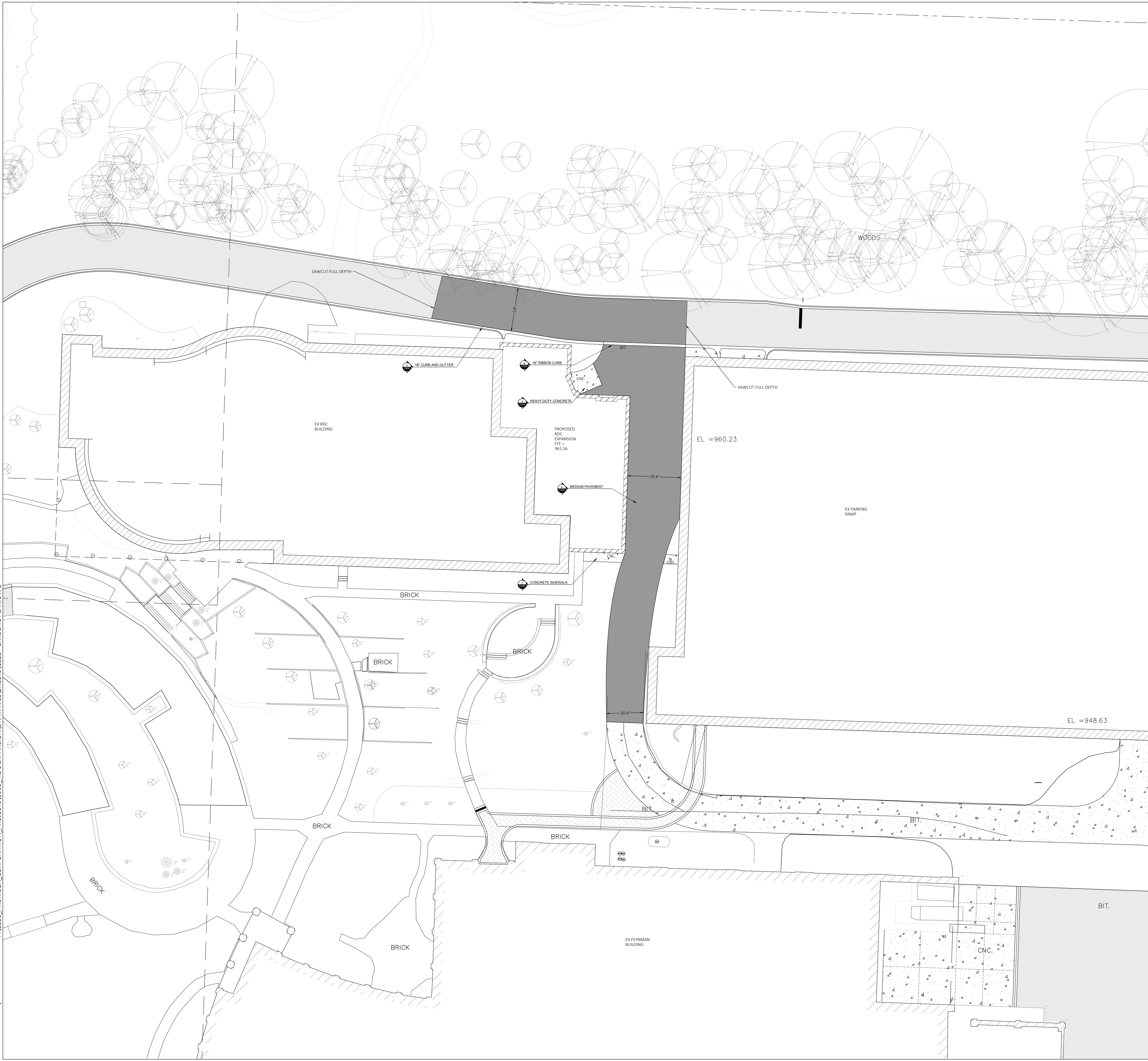


PROJECT **RDC EXPANSION** PROMEGA CORPORATION

SHEET **CIVIL OVERALL SITE PLAN**

DATE **09/09/2021**

PROJECT NO. **20-112**



LEGEND

- PROPERTY LINE
- - - BUILDING SETBACK
- ▨ PROPOSED ASPHALT
- ▩ PROPOSED CONCRETE

NOTES

1. ALL RADII ARE TO THE EDGE OF PAVEMENT

SITE INFORMATION

SITE ADDRESS: 2800 WOODS HOLLOW ROAD
 LOT ACREAGE: 40.20 AC
 USE OF PROPERTY: INDUSTRIAL
 ZONING: SPECIALIZED INDUSTRIAL (I-S)

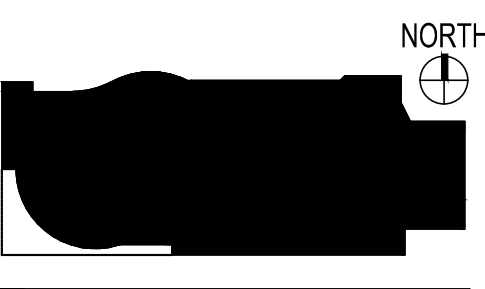
SETBACKS:
 FRONT YARD: 20 FT
 REAR YARD: 30 FT
 SIDE YARD: 10 FT
 SIDE STREET: 15 FT

MAXIMUM LOT AREA COVERAGE: 65%
 MINIMUM OPEN SPACE REQUIRED: 30%
 EXISTING IMPERVIOUS SURFACE AREA: 599,450 SQ.FT.
 NEW IMPERVIOUS SURFACE AREA: 599,930 SQ.FT.

PERCENT LOT IMPERVIOUS:
 EXISTING: 34.2%
 PROPOSED: 34.2%

OPEN SPACE:
 EXISTING: 65.8%
 PROPOSED: 65.8%

DISTURBANCE LIMITS: 20,500 SQ.FT.



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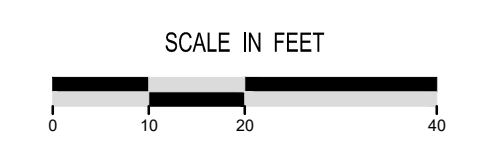
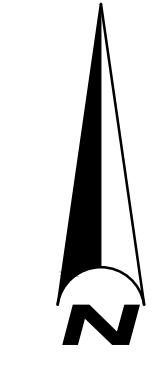
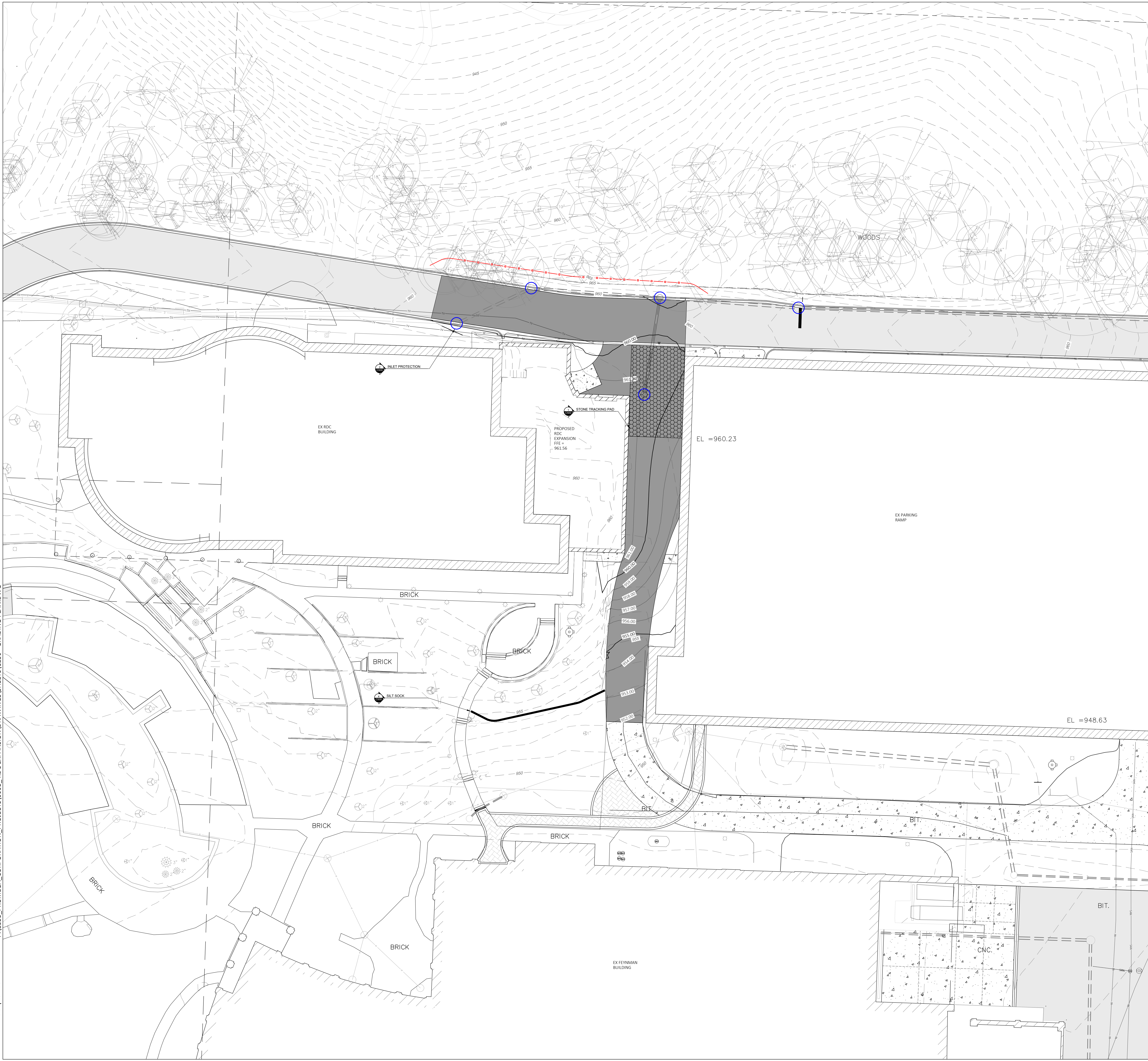
PROJECT **RDC EXPANSION** PROMEGA CORPORATION

CIVIL SITE PLAN

DATE
 09/09/2021

PROJECT NO.
 20-112

SHEET NO.

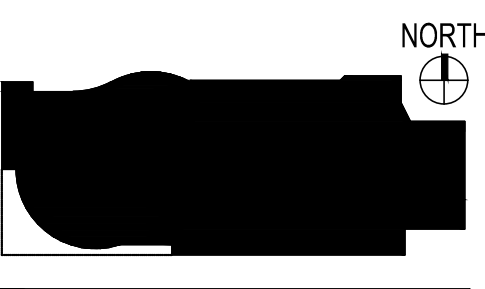


LEGEND

- PRO ASPHALT
- PRO CONCRETE
- EX MAJOR CONTOUR
- EX MINOR CONTOUR
- 1020 PROPOSED MINOR CONTOUR
- 818 PROPOSED MINOR CONTOUR
- 820 PROPOSED MAJOR CONTOUR
- SILT FENCE
- CONSTRUCTION ENTRANCE
- SILT SOCK
- STRUCTURE INLET PROTECTION

CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE CURRENT WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS (dnr.wis.gov).
2. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE.
3. ENGINEER / CITY OF FITCHBURG HAS THE RIGHT TO REQUIRE OWNER / CONTRACTOR TO IMPLEMENT ADDITIONAL EROSION CONTROL MEASURES AS NECESSARY.
4. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSPECTED ONCE PER WEEK AND FOLLOWING EACH RAINFALL EVENT. INSPECTION REPORTING SHALL BE IN ACCORDANCE WITH CITY OF FITCHBURG REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION AND SEDIMENT CONTROL PRACTICES IN WORKING ORDER.
6. DEWATERING PRACTICES SHALL COMPLY WITH TECHNICAL STANDARD 106L.
7. ALL SLOPES EXCEEDING 20% (5:1) SHALL BE STABILIZED WITH A CLASS II, TYPE A URBAN EROSION MAT.
8. ALL SWALES SHALL BE STABILIZED WITH A CLASS II, TYPE C EROSION MAT.
9. DUST CONTROL SHALL BE MITIGATED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 106B.
10. TRACKED SOIL FROM THE SITE TO STREETS SHALL BE REMOVED AT THE END OF EACH WORKDAY OR AS DIRECTED BY THE CITY ENGINEER.
11. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED IMMEDIATELY FOLLOWING FINAL GRADING ACTIVITIES.
12. SEED MIX AND RATE SHALL BE, AT A MINIMUM, IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1099.
13. STOCKPILES MUST BE TEMPORARILY SEEDDED WHEN LEFT FOR MORE THAN 7 DAYS.
14. TEMPORARY STABILIZATION ACTIVITY SHALL OCCUR WHEN AND DISTURBING ACTIVITY HAS CEASED AND WILL NOT RESUME FOR MORE THAN 14 CALENDAR DAYS.



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PROJECT
RDC EXPANSION

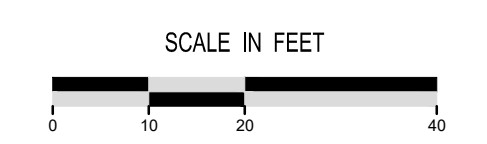
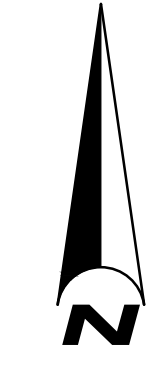
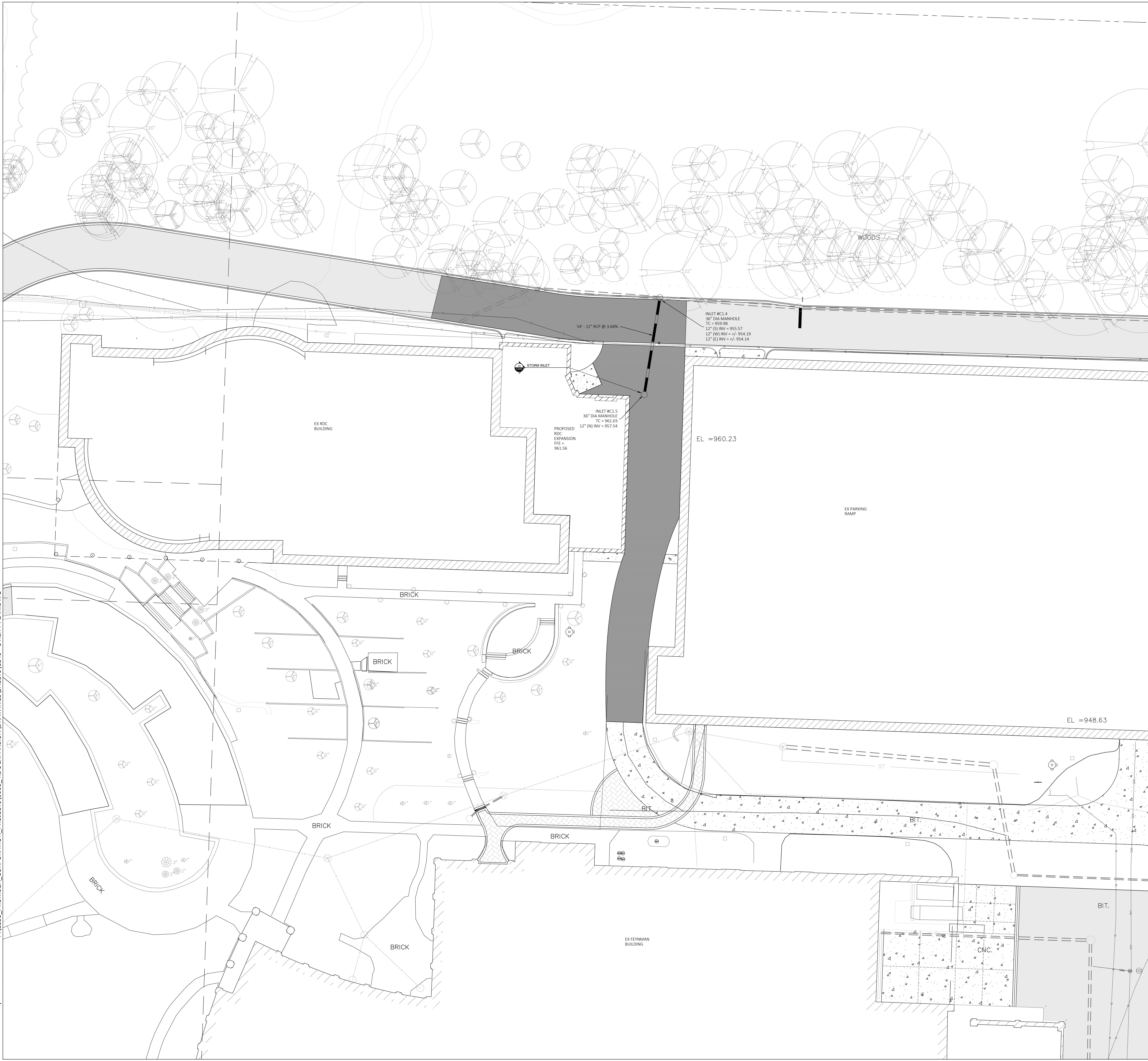
PROMEGA CORPORATION

SHEET
GRADING AND EROSION CONTROL PLAN

DATE
09/09/2021

PROJECT NO.
20-112

SHEET NO.



LEGEND

	PRO ASPHALT
	PRO CONCRETE
	EX UNDERGROUND ELECTRIC LINE
	EX STORM SEWER
	EX SANITARY SEWER
	EX WATER MAIN
	EX EDGE OF TREES
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	PRO STORM SEWER

GENERAL NOTES

- EXISTING CONDITIONS SHOWN ARE FROM A SURVEY CONDUCTED BY VERBICHER ASSOCIATES INC. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS.
- ALL WORK IN THE RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH CITY OF FITZBURG REQUIREMENTS.
- BUILDING CORNERS ARE APPROXIMATE AND FOR GENERAL BUILDING FOOTPRINT ONLY. REFER TO FOUNDATION PLAN FOR DIMENSIONS.
- IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.

UTILITY NOTES

- PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR:
 - EXAMINING ALL SITES CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.
 - OBTAINING ALL PERMITS INCLUDING PERMIT COSTS, TAP FEES, METER DEPOSITS, BONDS, AND ALL OTHER FEES REQUIRED FOR PROPOSED WORK TO OBTAIN OCCUPANCY.
 - VERIFYING UTILITY ELEVATIONS AND NOTIFYING ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS RESOLVED.
 - NOTIFYING ALL UTILITIES PRIOR TO THE INSTALLATION OF ANY UNDERGROUND IMPROVEMENTS.
 - NOTIFYING THE DESIGN ENGINEER AND MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION OBSERVATION AS NECESSARY.
- DIMENSIONS TAKE PRECEDENCE OVER SCALE. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
- LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
- CONTRACTOR SHALL VERIFY ALL ELEVATIONS, LOCATIONS, AND SIZES OF SANITARY, WATER AND STORM LATERALS AND CHECK ALL UTILITY CROSSINGS FOR CONFLICTS.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH ENGINEERING PLANS DESIGNED TO MEET ORDINANCES AND REQUIREMENTS OF THE MUNICIPALITY AND WISDOT, WISDPS, AND WDNR.
- CONTRACTOR SHALL VERIFY AND COORDINATE ALL UTILITY CONNECTIONS WITH THE BUILDING PRIOR TO CONSTRUCTION.



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REVISIONS

No. Date: Description:

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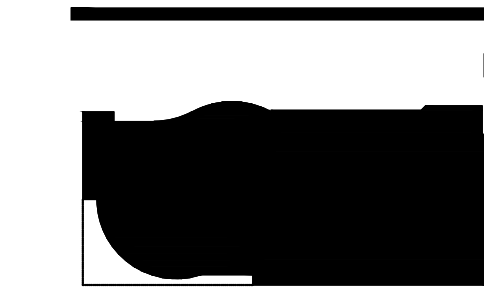
PROJECT
RDC EXPANSION
PROMEGA CORPORATION

SHEET
UTILITY PLAN

DATE
09/09/2021

PROJECT NO.
20-112

SHEET NO.

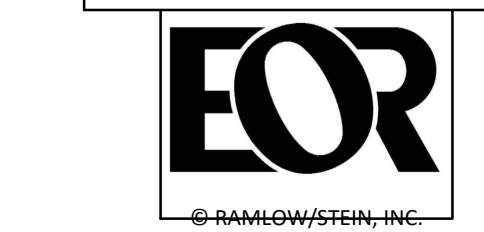


KEY PLAN



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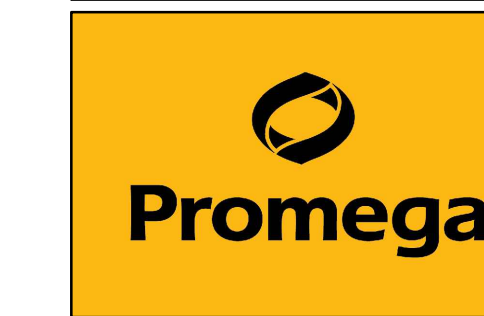


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REVISIONS
No. Date: Description:

PRELIMINARY
NOT FOR CONSTRUCTION



PROJECT
RDC EXPANSION
PROMEGA CORPORATION

SHEET
DETAILS

DATE
09/09/2021

PROJECT NO.
20-112

SHEET NO.

MATERIAL NOTES

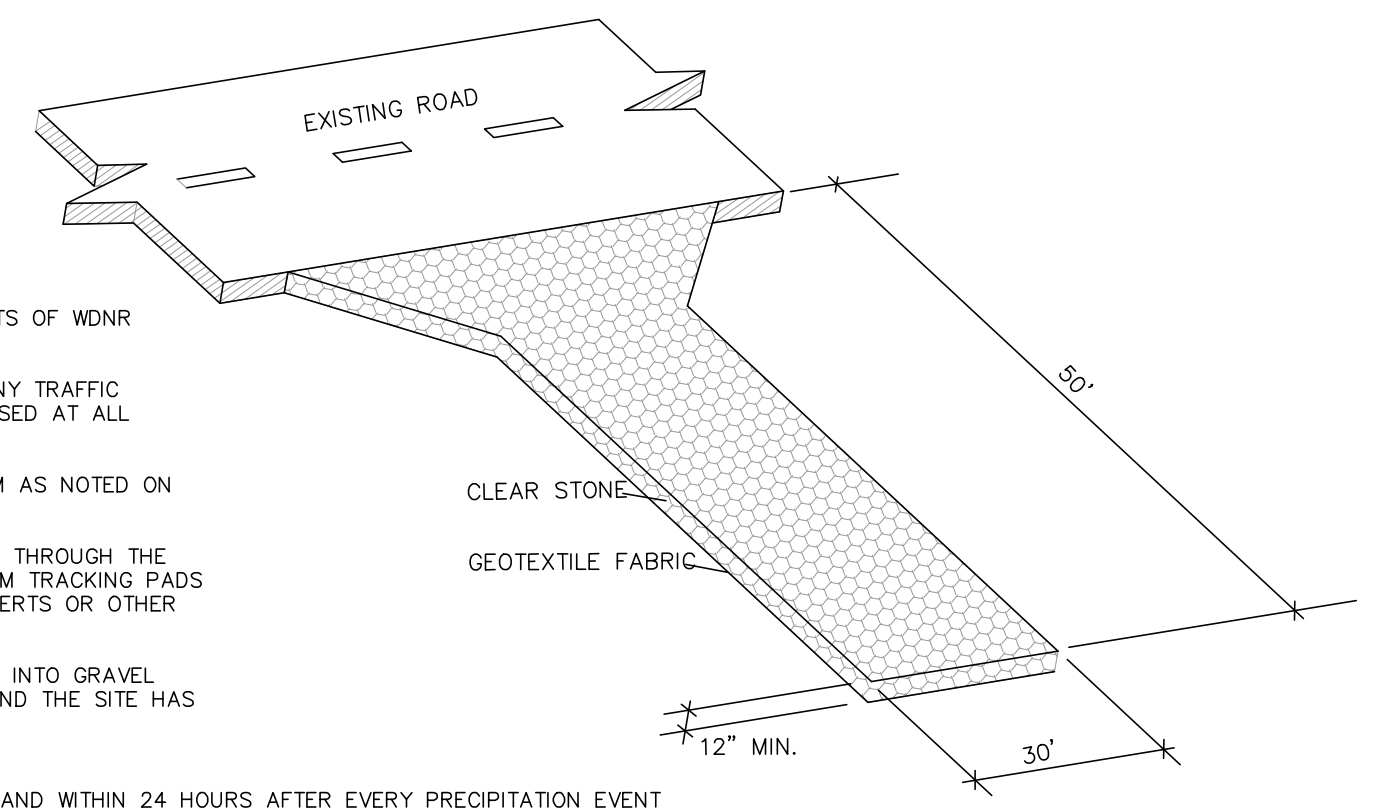
1. THE AGGREGATE FOR TRACKING PAD SHALL BE 3"-6" CLEAR STONE.
2. THE TRACKING PAD SHALL BE UNDERLAIN WITH A WOOD TYPE HR GEOTEXTILE FABRIC.

INSTALLATION NOTES

1. INSTALLATION SHALL CONFORM WITH THE REQUIREMENTS OF WQNR CONSERVATION PRACTICE STANDARD 1057.
2. THE TRACKING PAD SHALL BE INSTALLED PRIOR TO ANY TRAFFIC LEAVING THE SITE. STONE TRACKING PAD SHALL BE USED AT ALL POINTS OF CONSTRUCTION EGRESS.
3. DIMENSIONS OF THE TRACKING PAD SHALL BE MINIMUM AS NOTED ON THE FIGURE ABOVE.
4. SURFACE WATER SHALL BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AROUND FROM TRACKING PADS OR CONVEYED UNDER AND AROUND THEM USING CULVERTS OR OTHER PRACTICES.
5. TRACKING PAD SHALL BE REMOVED OR INCORPORATED INTO GRAVEL DRIVEWAY ONLY AFTER CONSTRUCTION IS COMPLETE AND THE SITE HAS BEEN STABILIZED.

INSPECTION & MAINTENANCE NOTES

1. STONE TRACKING PADS SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE DURING A 24 HOUR PERIOD.
2. ADDITIONAL AGGREGATE SHALL BE PLACED IF THE TRACKING PAD BECOMES BURIED OR IF SEDIMENT IS NOT BEING REMOVED EFFECTIVELY FROM THE VEHICLE TIRES.
3. A MINIMUM 30-FOOT WIDE BY 50-FOOT LONG BY 12-INCH THICK PAD SHALL BE MAINTAINED AT ALL TIMES.
4. THE TRACKING PAD PERFORMANCE SHALL BE MAINTAINED BY SCRAPING OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.
5. ANY SEDIMENT TRACKED ONTO A PUBLIC OR PRIVATE ROAD SHOULD BE REMOVED BY STREET CLEANING AT THE END OF EACH WORKING DAY.
6. MAINTENANCE SHALL BE COMPLETED AS SOON AS POSSIBLE WITH CONSIDERATION FOR SITE CONDITIONS.



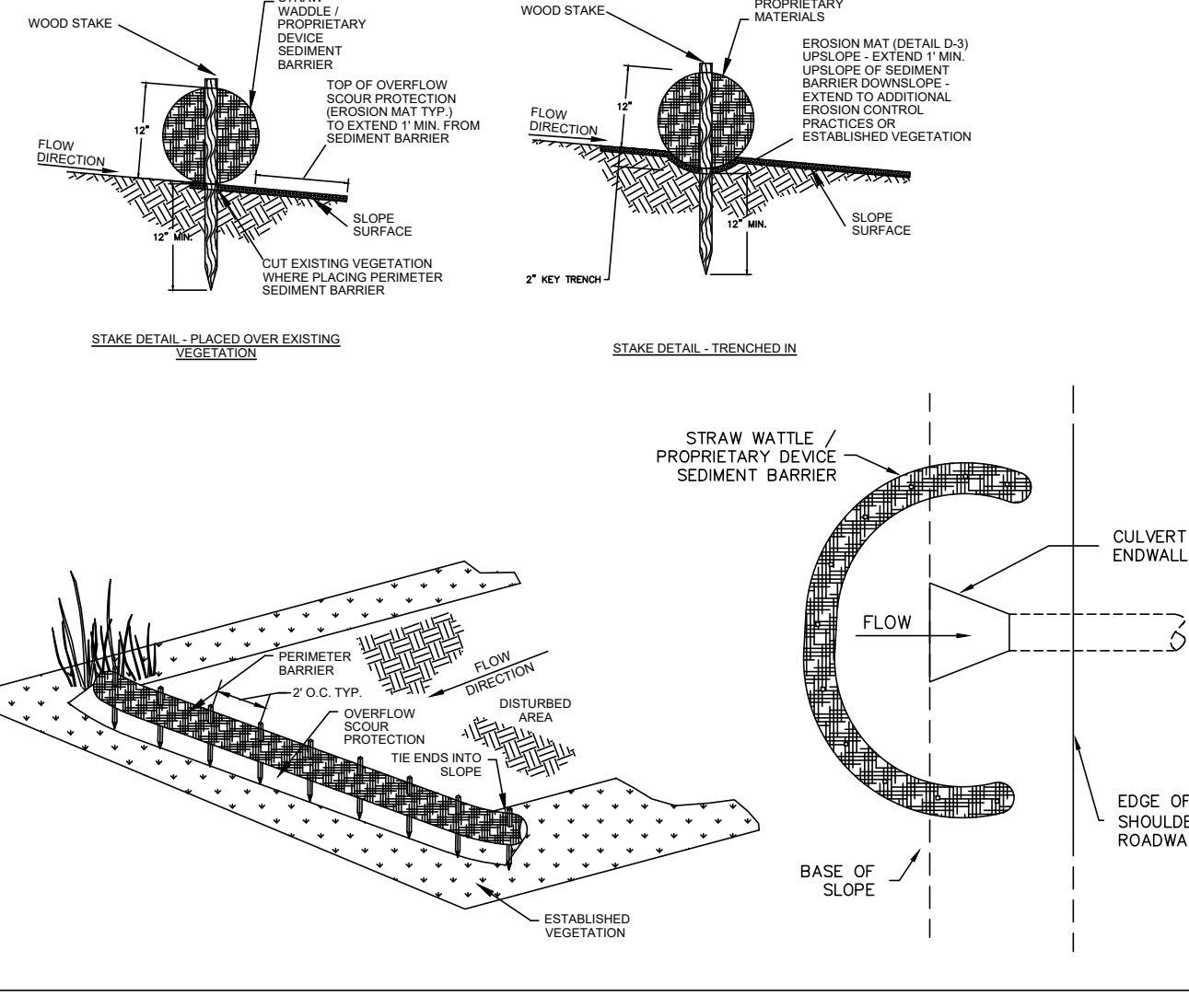
MATERIAL NOTES

1. PERIMETER SEDIMENT CONTROL PRACTICES SHALL CONSIST OF STRAW WATTLES OR PROPRIETARY MATERIALS.
2. EROSION MAT SHALL BE SELECTED AND INSTALLED PER THE REQUIREMENTS LISTED IN STANDARD DETAIL 02.
3. WOOD STAKES SHALL BE AIR OR KILN DRIED HICKORY OR OAK WITH THE FOLLOWING DIMENSIONS: 1 1/2" x 1 1/2" x REQUIRED LENGTH.

INSTALLATION NOTES

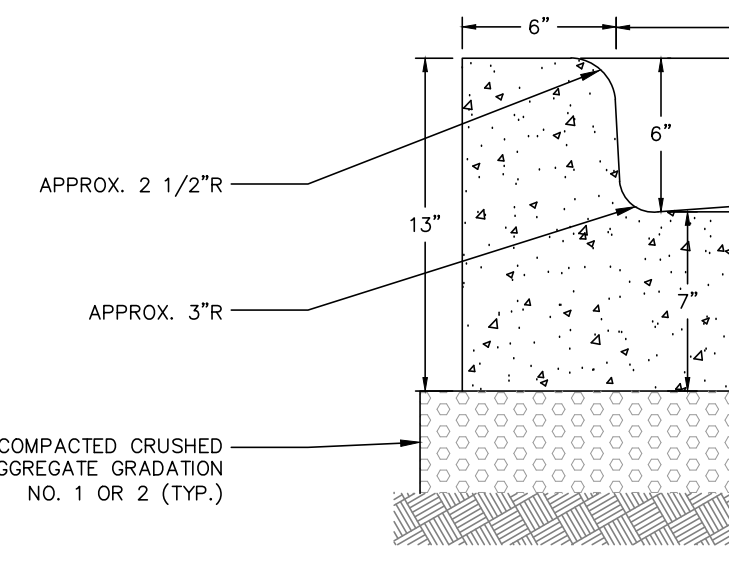
1. INSTALLATION SHALL CONFORM WITH THE REQUIREMENTS OF APPLICABLE WQNR CONSERVATION PRACTICE STANDARDS.
2. PROPRIETARY MATERIALS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
3. WHEN JOINTS ARE NECESSARY, OVERLAP AND SECURE TO MINIMIZE POTENTIAL FOR CONCENTRATED FLOW.
4. INSTALL ALL PERIMETER SEDIMENT CONTROL PRACTICES SUCH THAT THE ENDS TIE INTO THE SLOPE TO PREVENT EROSION FROM CONCENTRATED FLOW AROUND THE ENDS.
5. PERIMETER SEDIMENT CONTROL PRACTICES SHOULD BE USED IN CONJUNCTION WITH PERMANENT RESTORATION PRACTICES.
6. WHEN NOT USED IN CONJUNCTION WITH OTHER PRACTICES, INSTALL PERIMETER SEDIMENT CONTROL PRACTICES PER THE SPACING REQUIREMENTS (DISTURBED SLOPE LENGTH) NOTED IN THE FOLLOWING TABLE:

SLOPE	SPACING
< 2%	150 FEET
2 - 5%	75 FEET
5 - 10%	50 FEET
10 - 33%	25 FEET
> 33%	20 FEET



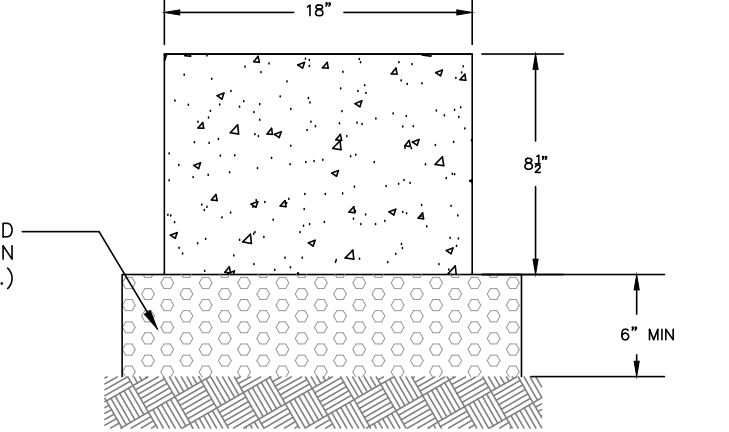
04 SILT SOCK

No Scale



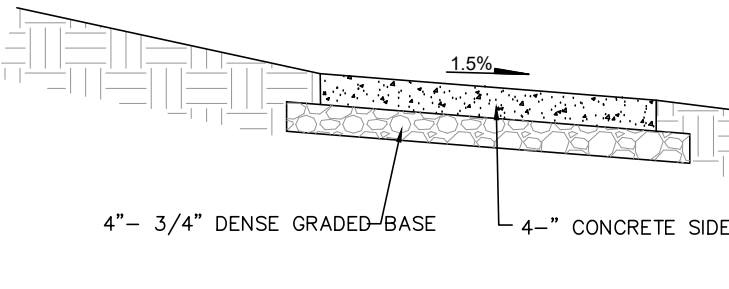
05 18" STANDARD CURB AND GUTTER

No Scale



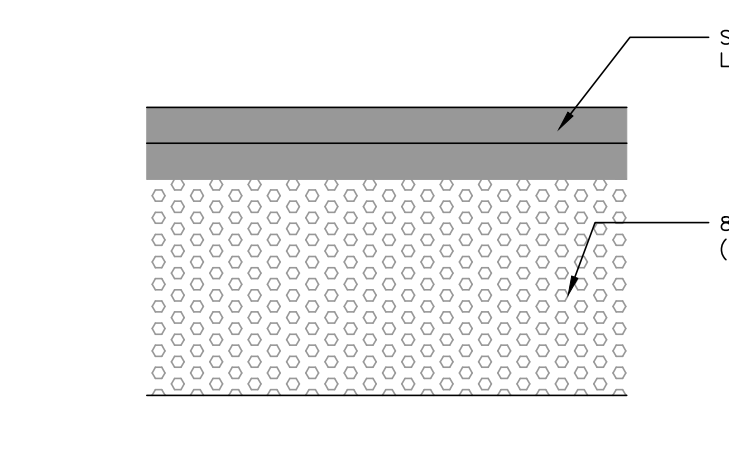
06 18" RIBBON CURB

No Scale



07 CONCRETE SIDEWALK

No Scale



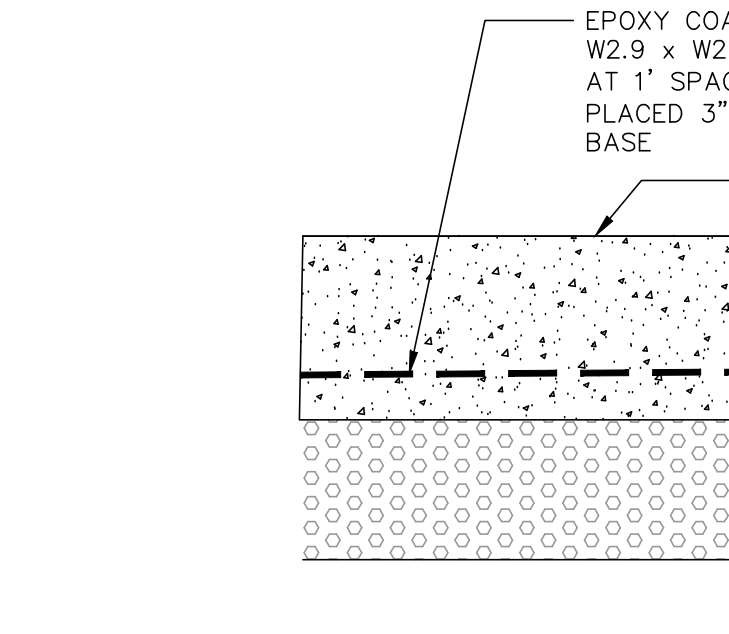
RECOMMENDED MEDIUM-DUTY PAVEMENT SECTION

MATERIAL	LAYER THICKNESS, IN.	WDOT SPECIFICATION
BITUMINOUS UPPER LAYER (SURFACE COURSE)	2	SECTION 460, TABLE 460-1, 9.5 mm
BITUMINOUS LOWER LAYER (BINDER COURSE)	2	SECTION 460, TABLE 460-1, 12.5 mm
DENSE GRADED BASE COURSE	10	SECTIONS 301 AND 305, 75 AND 31.5 mm
GEOTEXTILE	<0.1	TENSAR BIAXIAL GEOTRID (EX 1200) OR EQUIV.
TOTAL THICKNESS	14	

- NOTES:**
1. WISCONSIN DOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION, INCLUDING SUPPLEMENT SPECIFICATIONS, BUT EXCLUDING LIMITATIONS IN SECTION 460.3.2 RESTRICTING LAYER THICKNESS BY AGGREGATE SIZE.
 2. COMPACTION REQUIREMENTS: -BITUMINOUS CONCRETE: REFER TO SECTION 460-3 -BASE COURSE: REFER TO SECTION 301.3.4.2, STANDARD COMPACTION
 3. MIXTURE TYPE E-0.3 BITUMINOUS PAVEMENT IS RECOMMENDED; REFER TO SECTION 460 TABEL 460-2 OF THE STANDARD SPECIFICATIONS.

08 MEDIUM PAVEMENT SECTION

No Scale



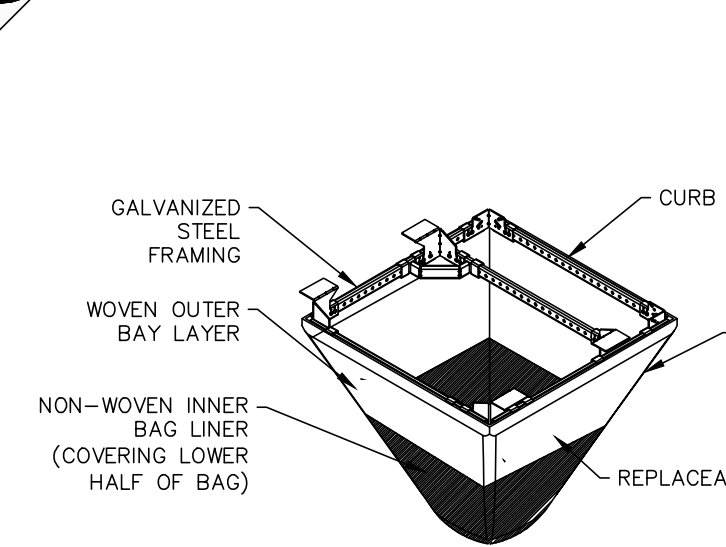
1. ALTERNATIVE TO WELDED MESH: PROPEX NOVOMESH 950 (OR EQUIVALENT APPROVED BY ENGINEER) APPLIED AT A RATE OF 7 LBS PER CUBIC YARD.
2. SOFT CUT SAW CONTROL JOINTS TO 1/4 PAVEMENT DEPTH AT 20' O.C.

09 HEAVY DUTY CONCRETE SECTION

No Scale

01 STONE TRACKING PAD

No Scale



INSTALLATION NOTES

1. REMOVE GRATE FROM THE DRAINAGE STRUCTURE.
2. CLEAN STONE AND DIRT FROM LEASE (LIP) OF DRAINAGE STRUCTURE.
3. DROP THE INLET FILTER THROUGH THE CLEAN OPENING SUCH THAT THE HANGERS REST FIRMLY ON THE LIP OF THE STRUCTURE.
4. REPLACE THE GRATE AND CONFIRM IT IS NOT ELEVATED MORE THAN 1/8".

MAINTENANCE NOTES

1. EMPTY THE SEDIMENT BAG IF IT IS MORE THAN HALF FILLED WITH SEDIMENT AND DEBRIS.
2. REMOVE THE GRATE, ENGAGE THE LIFTING POINTS, AND LIFT FILTER FROM THE DRAINAGE STRUCTURE.
3. DISPOSE OF SEDIMENT AND DEBRIS AS DIRECTED BY THE ENGINEER OR MAINTENANCE CONTRACT.
4. ALTERNATIVELY, AN INDUSTRIAL VACUUM CAN BE USED TO COLLECT SEDIMENT FROM THE FILTER BAG.

UBI HYBRID FILTER BAG SPECIFICATIONS

PRODUCT	10' BAG LENGTH	30' BAG LENGTH	50' BAG LENGTH
MODEL NUMBER	467M1003	467M3003	467M5003
MODEL WEIGHT	20.5 LBS	61.5 LBS	102.5 LBS
DIAMETER	18"	18"	18"
MAX. FLOW RATE	400 GPM	1200 GPM	2000 GPM
MAX. FLOW RATE	400 GPM	1200 GPM	2000 GPM
MAX. FLOW RATE	400 GPM	1200 GPM	2000 GPM
MAX. FLOW RATE	400 GPM	1200 GPM	2000 GPM
MAX. FLOW RATE	400 GPM	1200 GPM	2000 GPM
MAX. FLOW RATE	400 GPM	1200 GPM	2000 GPM
MAX. FLOW RATE	400 GPM	1200 GPM	2000 GPM
MAX. FLOW RATE	400 GPM	1200 GPM	2000 GPM

CATCH-IT INLET FILTER (Temporary Inlet Protection)

Neenah Casting	Inlet Type	Grate Size	Opening Size	Bag Cap (ft)	Flow Ratings (CFP)	ADS P/N	
3067	Curb Box	35.25 x 17.75	33.0 x 15.0	4.4	2.0	5.8	62LCEBXTB
3246A	Curb Box	35.75 x 23.875	33.5 x 21.0	4.2	1.1	3.3	62LCEB246B
3030	Square/Rect (SQ)	23.18"	20.5 x 13.5	1.8	0.7	2.2	62MCR2318B
3067-C	Square/Rect (SQ)	35.25 x 17.75	33 x 15	3.2	1.0	5.2	62LCS21818B
R-2501	Round (RD)	-26	-24	2.3	0.8	5.2	62MRD2501B
R-1722560	Round (RD)	22.25 x 23.5	20.5 x 21	1.5	0.6	4.6	62MRD2256B

02 INLET PROTECTION, FRAMED (FLEXSTORM CATCH-IT)

No Scale

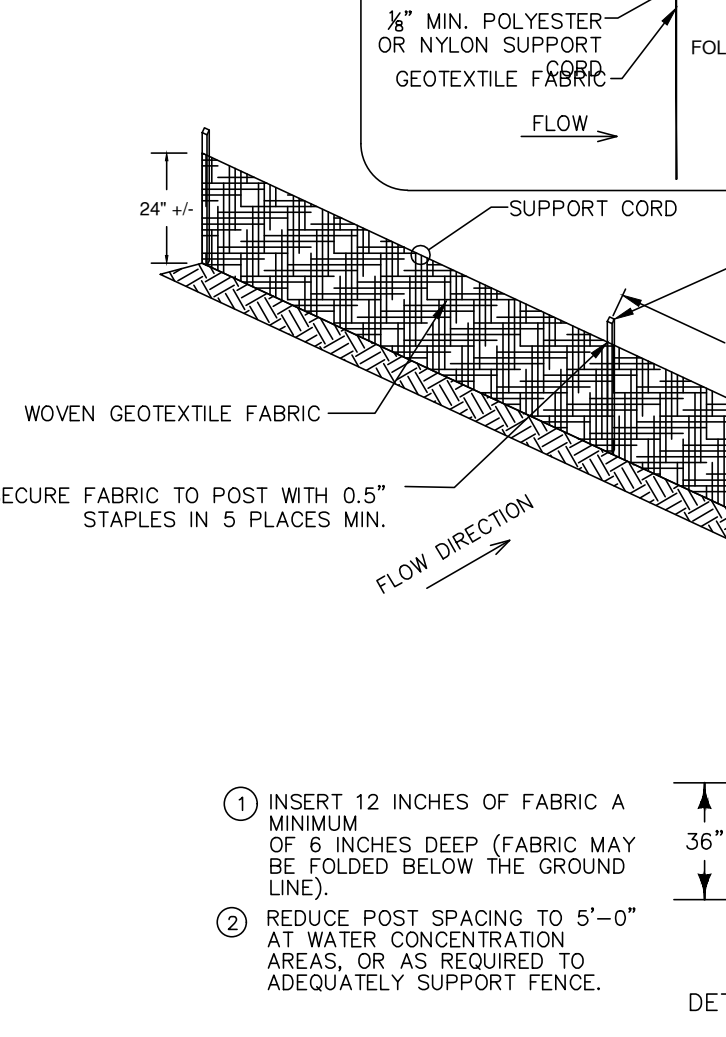
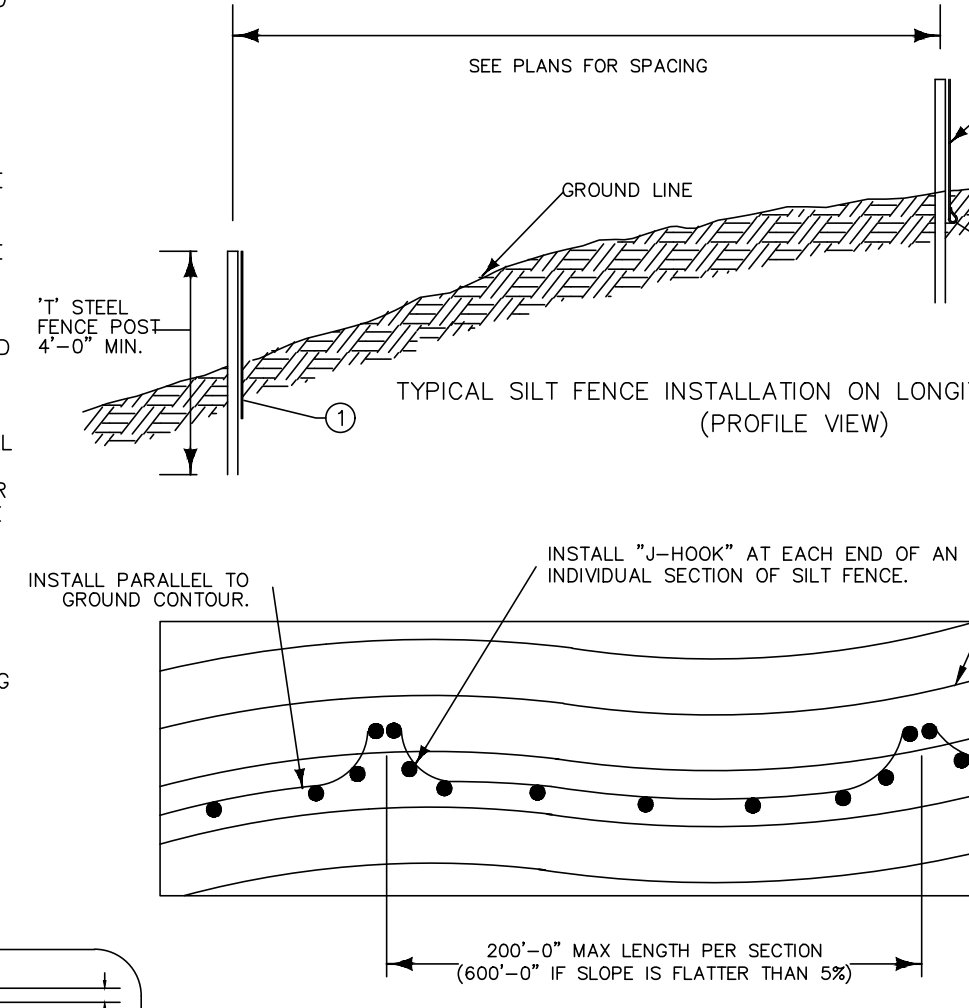
MATERIAL NOTES

1. GEOTEXTILE FABRIC SHALL BE WOVEN AND SHALL CONFORM TO THE MATERIAL REQUIREMENTS LISTED IN SECTION 628 OF THE WISDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, 2021 EDITION.

INSTALLATION NOTES

1. INSTALLATION SHALL CONFORM WITH THE REQUIREMENTS OF WQNR CONSERVATION PRACTICE STANDARD 1056.
2. CONSTRUCT THE SILT FENCE IN AN ARC WITH THE ENDS POINTING UPSLOPE TO AVOID EROSION AROUND THE ENDS OF THE FENCE.
3. FAILURE TO PROPERLY ANCHOR SILT FENCE COULD RESULT IN WATER AND SEDIMENT RELEASE BEHIND THE SILT FENCE.
4. CONSTRUCT THE FENCE FROM A CONTINUOUS ROLL OF GEOTEXTILE TO AVOID JOINTS. WHERE JOINTS ARE NECESSARY, OVERLAP TO THE NEXT POST OR WRAP ADJOINING FABRICS TOGETHER AROUND THE JOINT POST AND TIGHTLY FASTEN.
5. SILT FENCE SHALL NOT BE USED IN AREAS OF CONCENTRATED FLOW.
6. WHEN NOT USED IN CONJUNCTION WITH OTHER PRACTICES, INSTALL SILT FENCE PER THE SPACING REQUIREMENTS OF THE FOLLOWING TABLE:

SLOPE	FENCE SPACING
< 2%	100 FEET
2 - 5%	75 FEET
5 - 10%	50 FEET
10 - 33%	25 FEET
> 33%	20 FEET



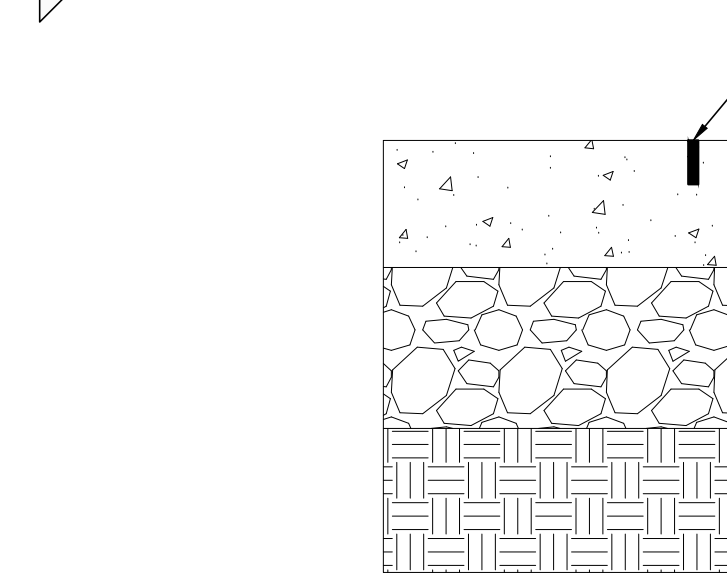
03 SILT FENCE

No Scale

1. INSERT 12 INCHES OF FABRIC A MINIMUM OF 6 INCHES DEEP (FABRIC MAY BE FOLDED BELOW THE GROUND LINE)
2. REDUCE POST SPACING TO 5'-0" AT WATER CONCENTRATION AREAS, OR AS REQUIRED TO ADEQUATELY SUPPORT FENCE.

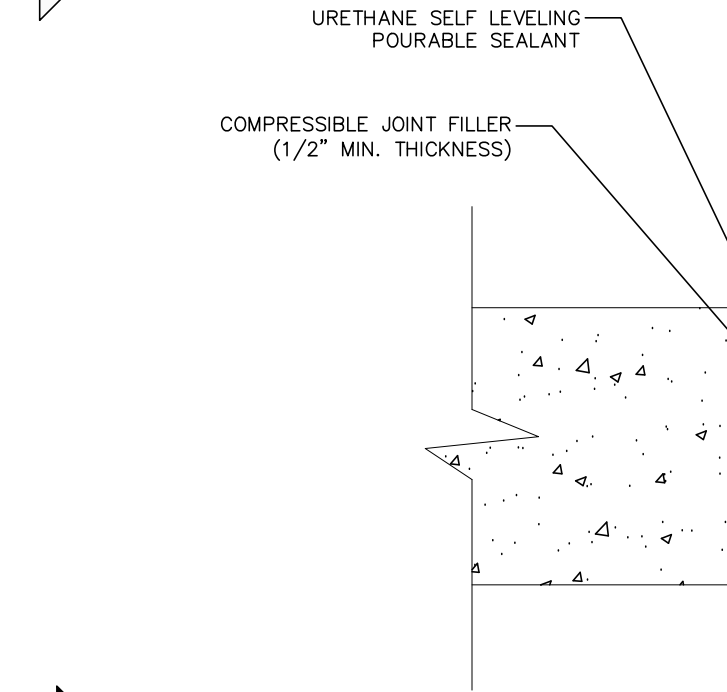
10 CONTRACTION JOINT

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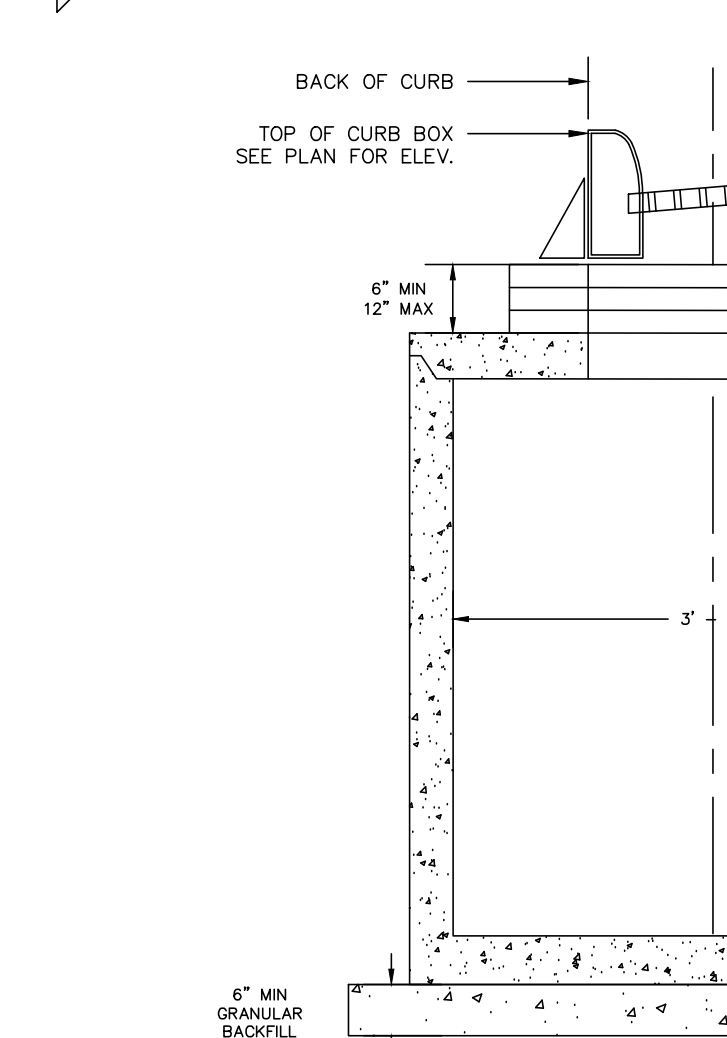
11 CONTROL JOINT

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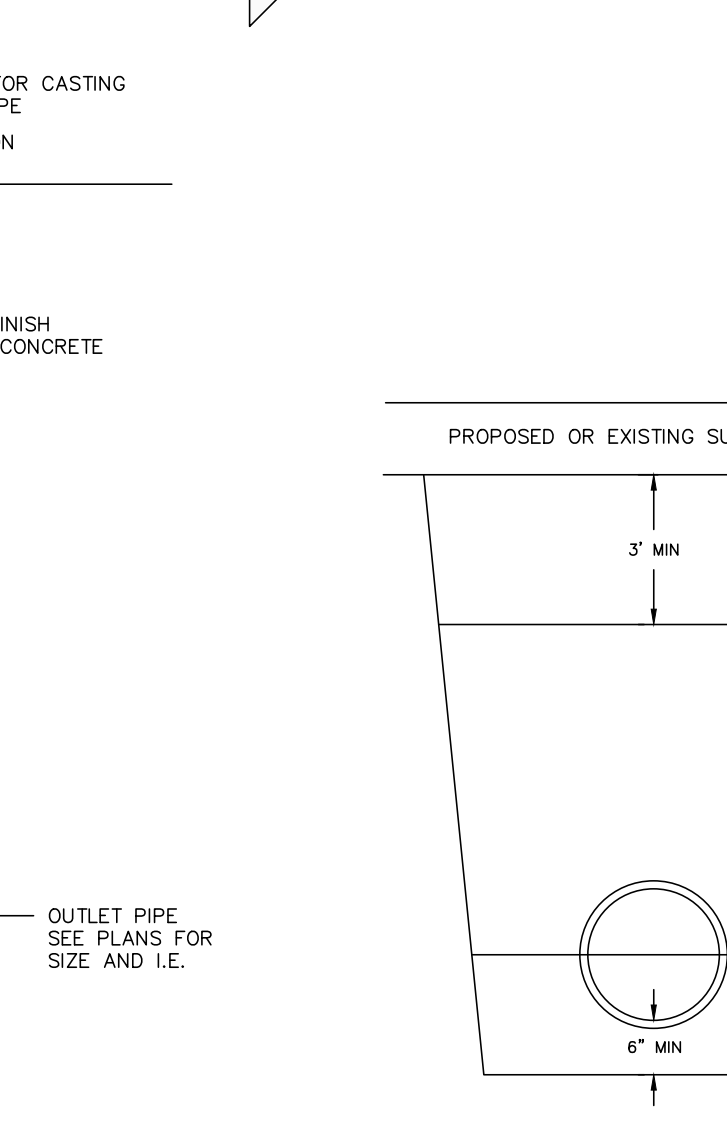
12 EXPANSION JOINT

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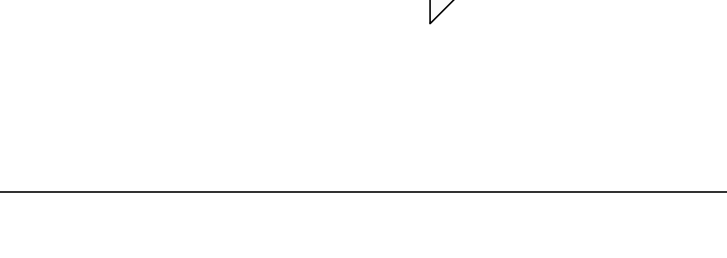
13 STORM INLET

No Scale



14 CATCH BASIN

No Scale



15 STORM SEWER TRENCH

No Scale

