

COMMERCIAL DESIGN REVIEW

MCHS SWWI

850 West Ave S. La Crosse WI 54601

KAHLER SLATER PROJECT: 224044.02

03/28/2025

LA CROSSE HOSPITAL EXPANSION

NOT FOR  
CONSTRUCTION

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Revisions

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03/28/2025

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LA CROSSE HOSPITAL  
EXPANSION



850 West Ave S. La Crosse WI 54601

Project No. 224044.02  
Owner LALH24C001

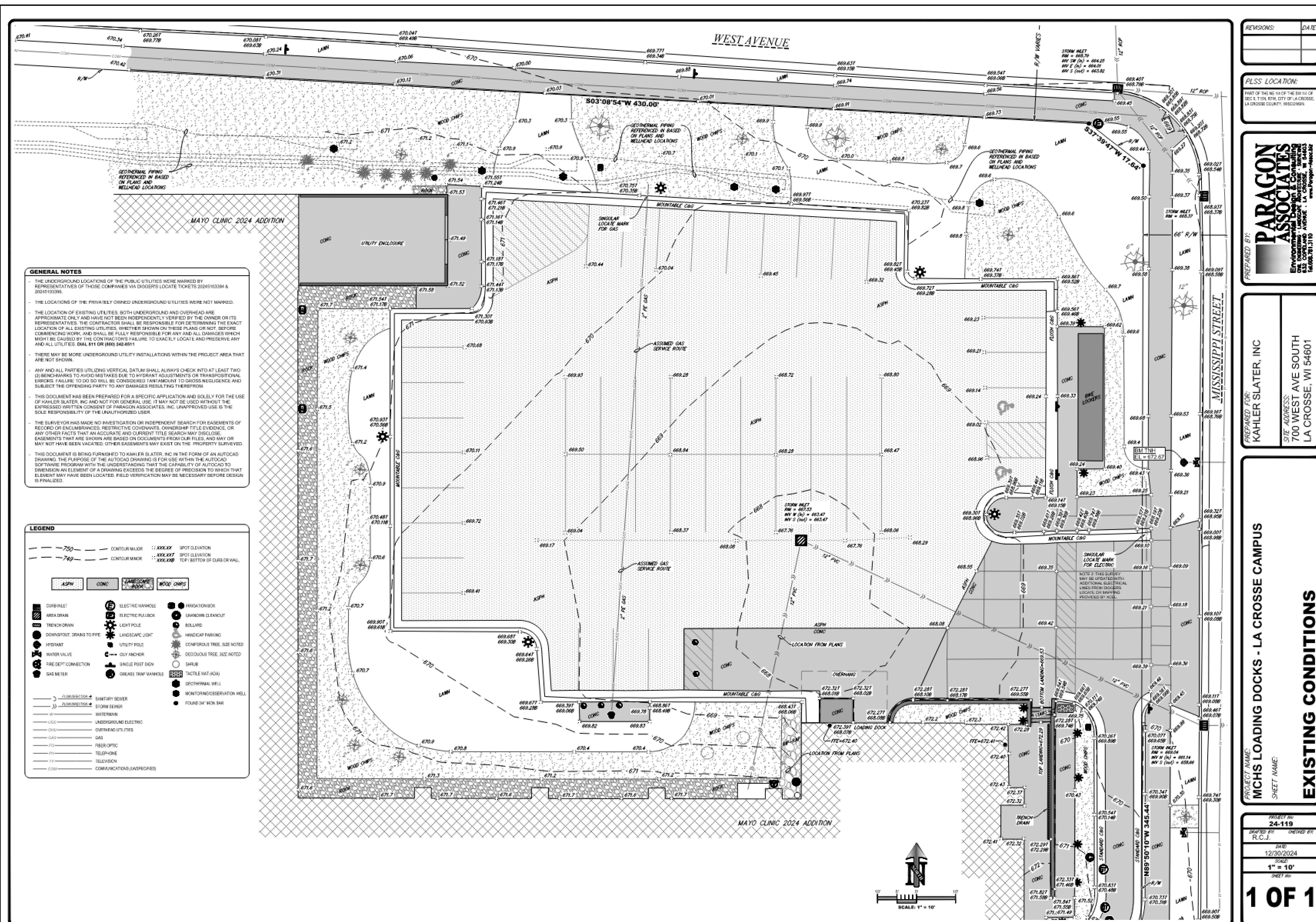
Sheet Title

COVER SHEET

Sheet No.

G000





NOTICE:  
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

**DISCLAIMER:**  
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MCHS LA CROSSE  
LOADING DOCK

850 West Avenue S  
La Crosse, WI 54601

Project No. Mayo Clinic Health System  
224044.02 LALH24C001

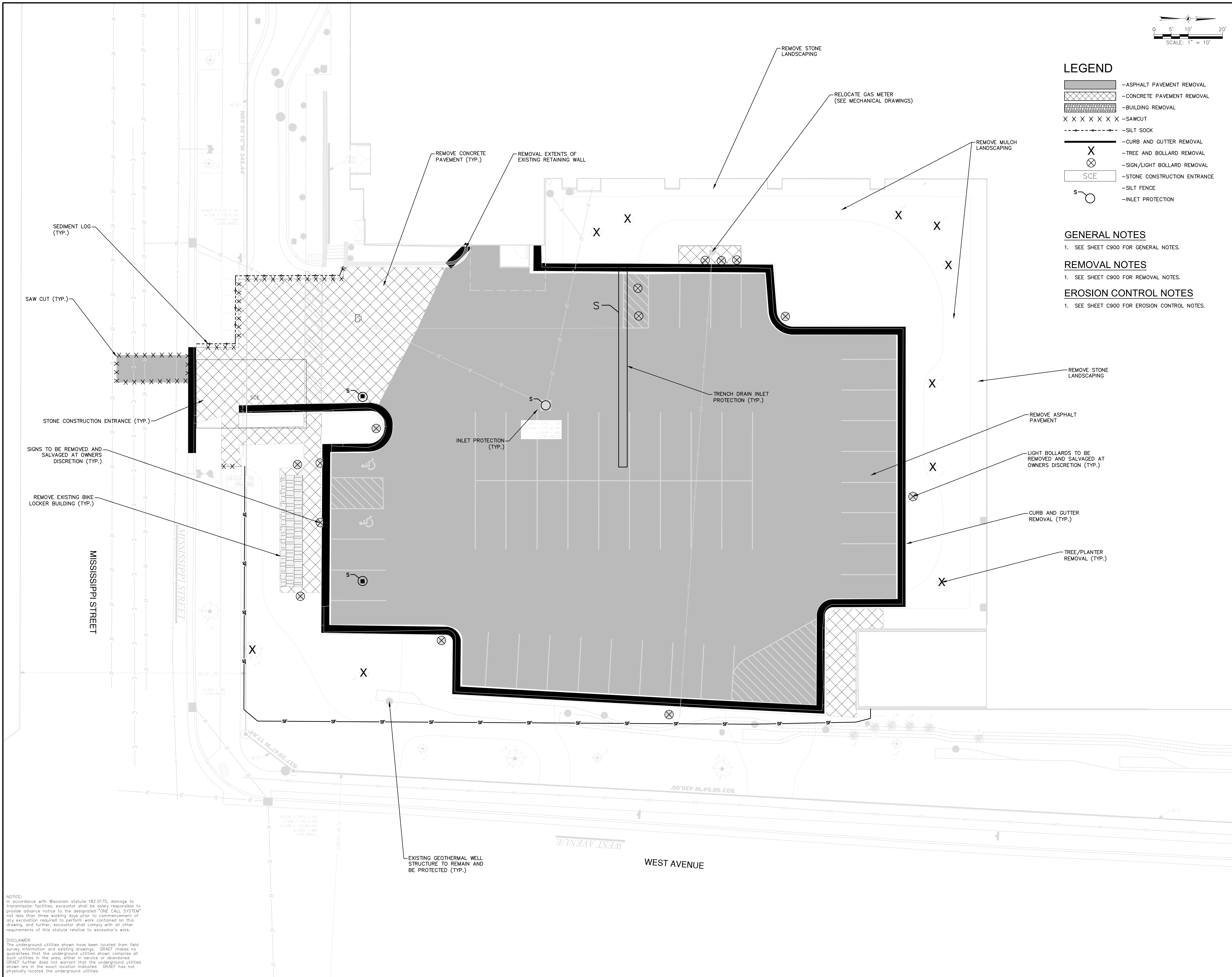
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DEMO AND EROSION  
CONTROL PLAN

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Sheet No.

C200



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850 West Avenue S  
La Crosse, WI 54601

Project No. Mayo Clinic Health System  
224044.02 LALH24C001

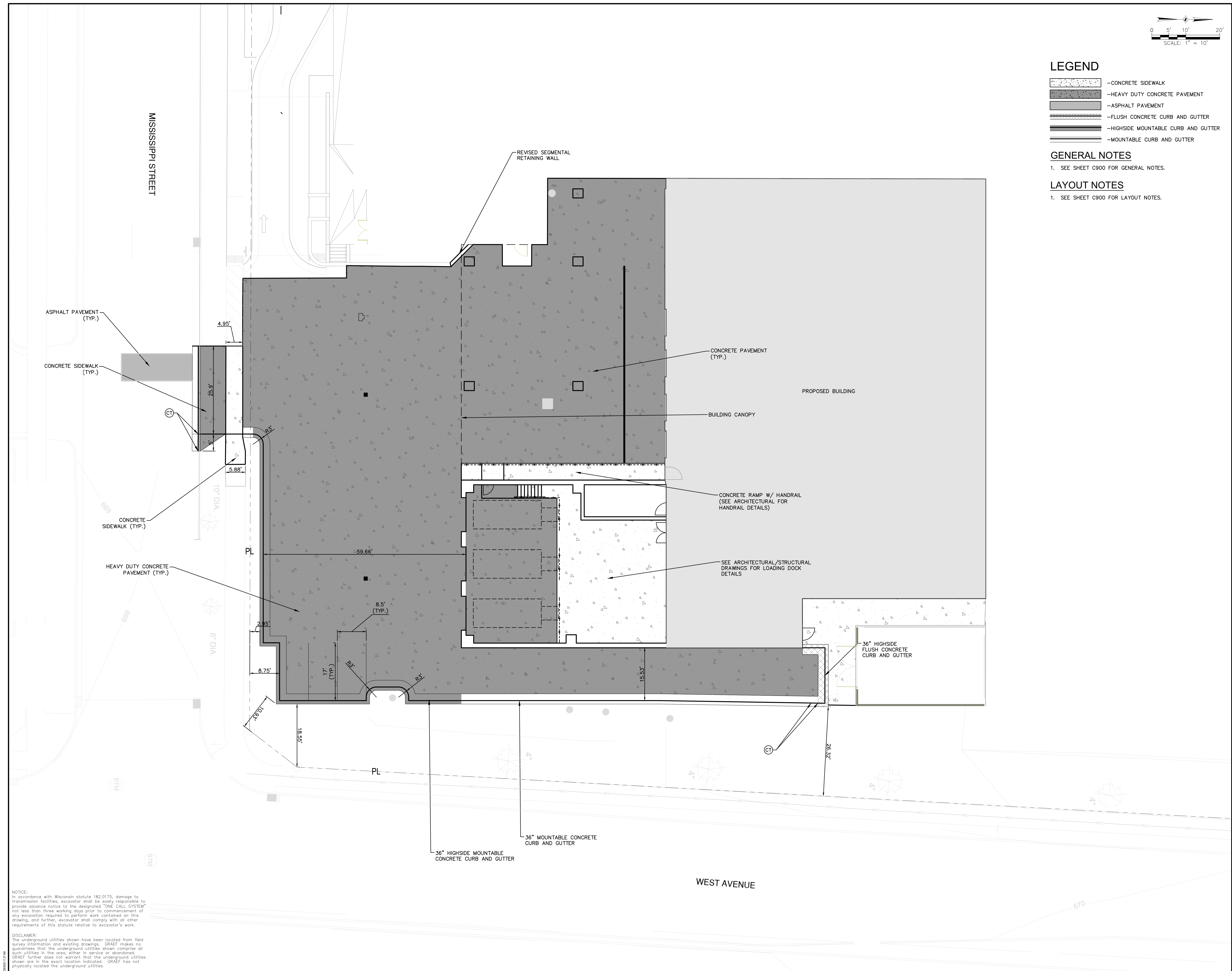
Sheet Title

## SITE LAYOUT PLAN

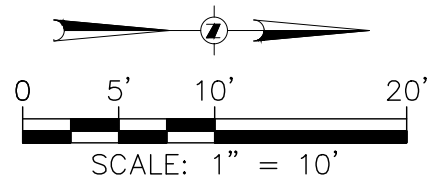
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Sheet No. \_\_\_\_\_

C300







### LEGEND

- 100--- -EXISTING CONTOUR
- 100— -PROPOSED CONTOUR
- ===== -HIGHSIDE FLUSH CONCRETE CURB AND GUTTER
- ===== -HIGHSIDE MOUNTABLE CURB AND GUTTER
- ===== -MOUNTABLE CURB AND GUTTER
- -PROPOSED CATCH BASIN

### GENERAL NOTES

- SEE SHEET C900 FOR GENERAL NOTES.

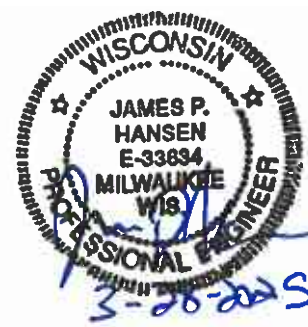
### GRADING NOTES

- SEE SHEET C900 FOR GRADING NOTES.

MISSISSIPPI STREET

WEST AVENUE

NOT FOR  
CONSTRUCTION



Revisions

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Sheet Title

SITE GRADING PLAN

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Sheet No.  
C400

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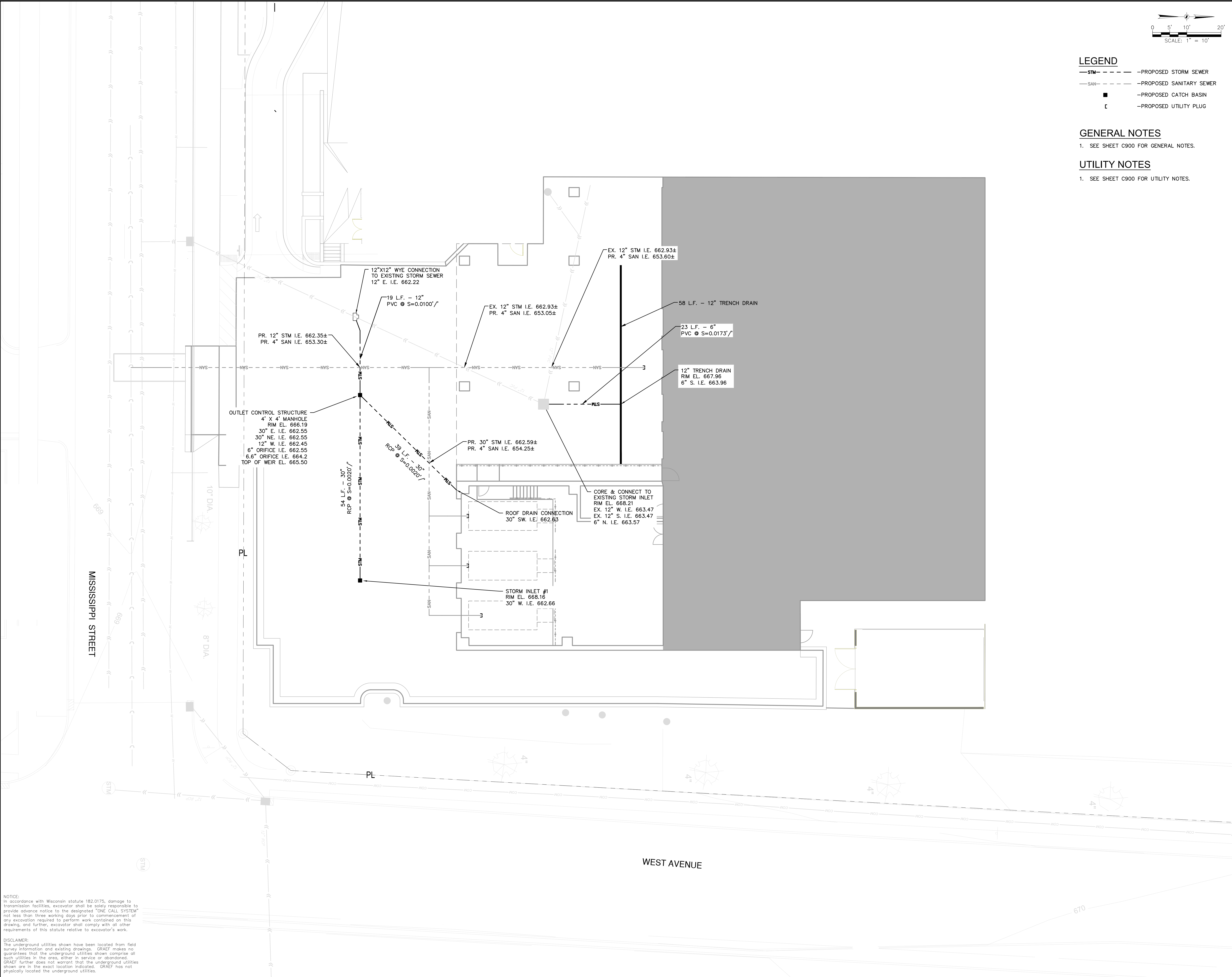
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Sheet Title

SITE STORM SEWER  
UTILITY PLAN

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C500





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Sheet Title

SITE SANITARY  
SEWER UTILITY PLAN

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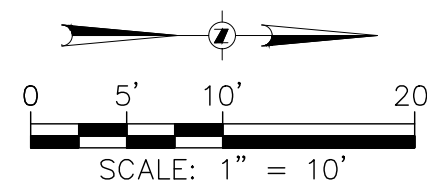
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Sheet No.

C501



LEGEND

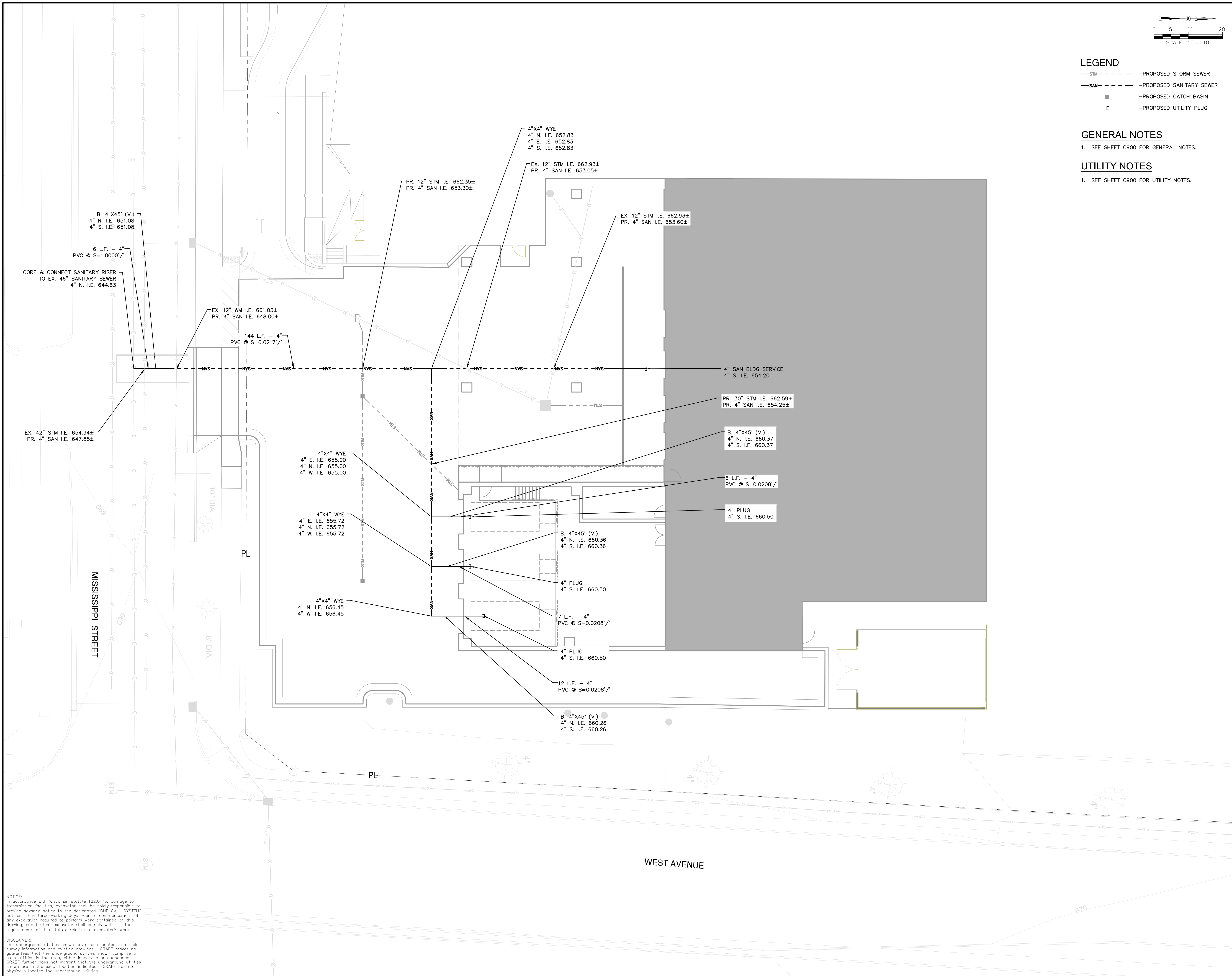
- STM— — — — —PROPOSED STORM SEWER  
—SAN— — — — —PROPOSED SANITARY SEWER  
■ —PROPOSED CATCH BASIN  
□ —PROPOSED UTILITY PLUG

GENERAL NOTES

1. SEE SHEET C900 FOR GENERAL NOTES.

UTILITY NOTES

1. SEE SHEET C900 FOR UTILITY NOTES.



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CONSTRUCTION  
NOTES

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Sheet No.  
C900

GENERAL NOTES

1. THE BASE SURVEY WAS PREPARED BY PARAGON ASSOCIATES IN 2024. ALL UNDERGROUND UTILITIES AND STRUCTURES HAVE BEEN SHOWN TO A REASONABLE DEGREE OF ACCURACY AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THEIR EXACT LOCATION AND TO AVOID DAMAGE THERETO.
2. REFER TO SHEET CXXX FOR BENCHMARKS, DATUM, AND TOPOGRAPHIC ELEMENTS.
3. CONTRACTOR SHALL VERIFY LOCATION OF WORK AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO COMMENCING WORK.

REMOVAL NOTES

1. EXISTING CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AND DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER PRIOR TO COMMENCING WORK.
2. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LINES NOTED FOR ABANDONMENT OR REMOVAL. EXISTING UTILITIES THAT ARE TO BE ABANDONED OR REMOVED SHALL BE RESPECTIVELY ABANDONED OR REMOVED TO THE LOCATIONS INDICATED ON THIS PLAN. ALL UTILITY STRUCTURES LOCATED ALONG REMOVED UTILITY LINES SHALL BE REMOVED IN THEIR ENTIRETY.
3. ASPHALT PAVEMENT NOTED FOR REMOVAL SHALL BE SAW CUT TO FULL DEPTH PRIOR TO REMOVAL.
4. CONCRETE CURB AND GUTTER AND SIDEWALK NOTED FOR REMOVAL SHALL BE REMOVED AT THE NEAREST JOINT.
5. ITEMS SCHEDULED FOR REMOVAL AND EXCESS EXCAVATED MATERIALS SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH ANY APPLICABLE REGULATIONS.
6. CONTRACTOR IS RESPONSIBLE FOR SECURING THE JOB SITE TO PROTECT THE PUBLIC.
7. CONTRACTOR SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL CODES, RULES AND REGULATIONS APPLICABLE TO DEMOLITION WORK INCLUDING BUT NOT LIMITED TO EROSION CONTROL, AIR POLLUTION, NOISE POLLUTION, AND WASTE DISPOSAL.
8. CONTRACTOR SHALL REPLACE PAVEMENT, CURB AND GUTTER, TREES, LAWN AREA, ANY ABOVE GROUND APPURTENANCES, OR ANY OTHER ITEM THAT WAS DAMAGED AS A RESULT OF CONSTRUCTION RELATED ACTIVITIES AS DEEMED BY OWNERS REPRESENTATIVE THAT WAS NOT CALLED OUT FOR REMOVAL OR REPLACEMENT. CONTRACTOR SHALL REPLACE/REPAIR DAMAGED ITEM TO THE SATISFACTION OF OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE OWNER.
9. TREE PROTECTION FENCING LOCATIONS SHOWN ARE APPROXIMATE. ALL EXISTING TREES OUTSIDE OF GRADING LIMITS ARE INTENDED TO REMAIN. FINAL LOCATIONS OF FENCING SHALL BE DETERMINED IN THE FIELD AND AS IDENTIFIED ON CONSTRUCTION DETAILS. ADDITIONAL FENCING MAY BE REQUIRED. COORDINATE WITH OWNER'S REPRESENTATIVE. TREE PROTECTION FENCE SHALL REMAIN IN PLACE THROUGHOUT CONSTRUCTION.

LAYOUT NOTES

1. THE BUILDING OUTLINES SHOWN ARE FOR REFERENCE PURPOSES ONLY AND SHALL NOT BE USED FOR STAKING PURPOSES. THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT AND STRUCTURAL ENGINEER ON THE STAKING OF THE BUILDING.
2. SITE LIGHTS ARE SHOWN FOR REFERENCE PURPOSES ONLY AND THE CONTRACTOR SHALL REFER TO THE ELECTRICAL PLANS FOR DETAIL DESIGN INFORMATION. CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL ENGINEER ON STAKING OF THE SITE LIGHTS.
3. ALL DIMENSIONS SHOWN ARE TO THE EDGE OF PAVEMENT OR FACE OF CURB WHERE CONCRETE CURB IS SHOWN.
4. STANDARD CURB RADIUS IS 3' UNLESS INDICATED OTHERWISE.
5. ALL PAVEMENT STRIPING SHALL BE WHITE IN COLOR.
6. REFER TO LANDSCAPING PLANS FOR SITE RESTORATION INFORMATION AND DETAILS.
7. HANDICAP PARKING STALLS SHALL BE FURNISHED WITH A CONCRETE WHEEL STOP WHEN ADJACENT TO FLUSH CONCRETE CURB AND GUTTER.
8. CONTRACTOR SHALL SUBMIT A CONCRETE JOINTING PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION. JOINTING PLAN SHALL INDICATE: POUR SEQUENCE, LOCATION OF CONSTRUCTION, ISOLATION, CONTRACTION JOINTS, AND TYPE OF REINFORCEMENT.

GRADING NOTES

1. ADA REGULATIONS FOR A NON-RAMP ACCESSIBLE REQUIRE A MAXIMUM SLOPE OF 1:20 (5%) ALONG THE LENGTH OF THE ROUTE AND A MAXIMUM CROSS SLOPE OF 1:48 (2.08%) ACROSS THE WIDTH OF THE ROUTE.
2. ADA REGULATIONS FOR ACCESSIBLE PARKING, ACCESS AISLES, AND PASSENGER LOADING ZONES REQUIRES A MAXIMUM SLOPE OF 1:48 (2.08%) ALONG THE LENGTH OF ACCESSIBLE ZONE AND 1:48 (2.08%) ACROSS THE WIDTH OF THE ACCESSIBLE ZONE.
3. ACCESSIBLE AREAS DESCRIBED ABOVE SHALL BE MEASURED IN ACCORDANCE WITH THE US ACCESS BOARD REPORT "DIMENSIONAL TOLERANCES IN CONSTRUCTION AND FOR SURFACE ACCESSIBILITY" PART II, SECTION 4, 1.1 MEASUREMENT PROTOCOLS.

EROSION CONTROL NOTES

1. CONSTRUCTION SITE EROSION CONTROL AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF LA CROSSE, AND SHALL EMPLOY EROSION CONTROL METHODS AS SHOWN AND SPECIFIED IN THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) "CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS".
2. ALL EROSION CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND SHALL BE INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON THE SITE.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED FOR STABILITY AND OPERATION AFTER A RAINFALL OF 0.5 INCHES OR MORE, BUT NO LESS THAN ONCE EVERY WEEK. MAINTENANCE OF ALL EROSION CONTROL STRUCTURES SHALL BE PROVIDED TO INSURE INTENDED PURPOSE IS ACCOMPLISHED. REPAIRS AND MAINTENANCE SHALL BE COMPLETED WITHIN 24 HOURS OF INSPECTION. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP AND REMOVAL OF ALL SEDIMENT WHEN LEAVING PROPERTY. EROSION CONTROL MEASURES MUST BE IN WORKING CONDITION AT END OF EACH WORK DAY.
4. SILT FENCE SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. SEDIMENT DEPOSITS WILL BE REMOVED FROM BEHIND THE SILT FENCE WHEN DEPOSITS REACH A DEPTH OF 6 INCHES. THE SILT FENCE WILL BE REPAIRED OR REPLACED AS NECESSARY TO MAINTAIN A BARRIER.
5. FILTER FABRIC SHALL BE INSTALLED BENEATH INLET COVERS TO TRAP SEDIMENT AS PER INLET PROTECTION DETAIL IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS.
6. CRUSHED STONE ENTRANCE SHALL BE MAINTAINED BY TURNING OVER THE STONE OR BY PLACING NEW STONE ONCE THE SURFACE BECOMES CLOGGED WITH SEDIMENT.
7. EROSION CONTROL MEASURES SHALL BE MAINTAINED ON A CONTINUING BASIS UNTIL SITE IS FULLY STABILIZED.
8. PERIODIC STREET SWEEPING SHALL BE COMPLETED TO MAINTAIN THE PUBLIC STREET FREE OF DUST AND DIRT.
9. SILT FENCE SHALL BE INSTALLED IN HORSESHOE FASHION AROUND ALL TOPSOIL AND FILL STOCKPILES. NOTIFY CITY OF LA CROSSE OF ANY NEW STOCKPILE LOCATIONS.
10. CONSTRUCTION SEQUENCE FOR EROSION CONTROL INCLUDES:
  1. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
  2. INSTALL SILT FENCE AND INLET PROTECTION.
  3. STRIP TOPSOIL FROM SITE.
  4. PERFORM ROUGH GRADING AND BUILDING EXCAVATION.
  5. INSTALL UTILITIES. INSTALL INLET PROTECTION ON NEW INLETS.
  6. CONSTRUCT BUILDING.
  7. INSTALL PAVEMENTS.
  8. INSTALL LANDSCAPING ON COMPLETED SITE WITHIN 7 DAYS OF COMPLETING CONSTRUCTION.
  9. REMOVE EROSION CONTROL MEASURES ONLY WHEN SITE IS FULLY STABILIZED.
11. SITE DEWATERING. WATER PUMPED FROM THE SITE SHALL BE TREATED BY SEDIMENT BASINS OR OTHER APPROPRIATE BEST MANAGEMENT PRACTICES SPECIFIED IN THE WDNR "CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS". WATER SHALL NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, ADJACENT SITES, OR RECEIVING CHANNELS.
12. WASTE AND MATERIAL DISPOSAL. ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.
13. TRACKING. EACH SITE SHALL HAVE GRAVELED ROADS, ACCESS DRIVES AND PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH TO PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY STREET CLEANING. TO THE SATISFACTION OF THE CITY, BEFORE THE END OF EACH WORKDAY. FLUSHING MAY NOT BE USED UNLESS SEDIMENT WILL BE CONTROLLED BY A SEDIMENT BASIN OR OTHER APPROPRIATE BEST MANAGEMENT PRACTICE SPECIFIED IN THE WDNR "CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS". NOTIFY CITY OF LA CROSSE FOR CHANGES IN STABILIZED CONSTRUCTION ENTRANCE LOCATION.
14. SEDIMENT CLEANUP. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF A STORM EVENT SHALL BE CLEANED UP BY THE END OF THE NEXT WORK DAY. ALL OTHER OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE CLEANED UP BY THE END OF THE THE WORK DAY.
15. ALL DISTURBED GROUND LEFT INACTIVE FOR SEVEN OR MORE DAYS SHALL BE STABILIZED BY TEMPORARY OR PERMANENT SEEDING AND MULCHING SODDING, COVERING WITH TARPS, OR EQUIVALENT BEST MANAGEMENT PRACTICES. IF TEMPORARY SEEDING IS USED, A PERMANENT COVER SHALL ALSO BE REQUIRED AS PART OF THE FINAL SITE STABILIZATION. SEEDING OR SODDING SHALL BE REQUIRED AS PART OF THE FINAL SITE STABILIZATION.
16. PERMANENT SEEDING SHALL BE ESTABLISHED NO LATER THAN SEPTEMBER 15TH. IF PERMANENT SEEDING IS NOT ESTABLISHED, TEMPORARY SEEDING SHALL BE ESTABLISHED NO LATER THAN OCTOBER 15TH. ALL SEEDED AREAS MUST BE MULCHED AT A RATE OF 1.5 TO 2 TONS PER ACRE AND ANCHORED BY EITHER CRIMPING OR BY APPLYING A TACKIFIER.
17. PERMANENT SEED MIX SHALL BE WSDOT SEED MIX NO. 40 AT 7 POUNDS PER 1000 SQUARE FEET.
18. USE ANNUAL RYE SEED MIX AT 100 POUNDS PER ACRE AS A TEMPORARY SEED MIX. PERMANENT SEEDING SHALL FOLLOW WITHIN ONE YEAR. IF TEMPORARY SEEDING IS NOT ESTABLISHED BY OCTOBER 15TH, USE CLASS I TYPE B MATTING ON ALL SLOPES 4:1 OR STEEPER.
19. SOIL OR DIRT STORAGE PILES SHALL BE LOCATED A MINIMUM OF TWENTY-FIVE FEET FROM ANY DOWNSLOPE ROAD, LAKE, STREAM, WETLAND, OR DRAINAGE CHANNEL. STRAW BALE OR FILTER FABRIC FENCES SHALL BE PLACED ON THE DOWN SLOPE SIDE OF THE PILE. IF REMAINING FOR MORE THAN THIRTY DAYS, PILES SHALL BE STABILIZED BY MULCHING, VEGETATIVE COVER, TARPS, OR OTHER MEANS.
20. WHEN THE DISTURBED AREA HAS BEEN STABILIZED BY PERMANENT VEGETATION OR OTHER MEANS, TEMPORARY BEST MANAGEMENT PRACTICES SUCH AS FILTER FABRIC FENCES, STRAW BALES, SEDIMENT AND SEDIMENT TRAPS SHALL BE REMOVED.
21. NOTIFY THE CITY WITHIN TWO WORKING DAYS OF COMMENCING ANY LAND DEVELOPMENT OR LAND DISTURBING ACTIVITY.
22. NOTIFY THE CITY OF COMPLETION OF ANY BEST MANAGEMENT PRACTICES WITHIN THE NEXT WORKING DAY AFTER THEIR INSTALLATION.
23. OBTAIN PERMISSION IN WRITING FROM THE CITY OF LA CROSSE ENGINEERING DEPARTMENT PRIOR TO MODIFYING THE EROSION CONTROL PLAN. NOTIFY WDNR AT LEAST FIVE WORKING DAYS PRIOR TO IMPLEMENTING CHANGES TO THE EROSION CONTROL PLAN.
24. REPAIR ANY SILTATION OR EROSION DAMAGE TO ADJOINING SURFACES AND DRAINAGE WAYS RESULTING FROM LAND DEVELOPMENT OR LAND DISTURBING ACTIVITIES.
25. KEEP A COPY OF THE EROSION CONTROL PLAN ON SITE. INTERSECTING DIRECTIONS.

UTILITY NOTES

1. CONTRACTOR SHALL VERIFY ELEVATION OF EXISTING INVERTS PRIOR TO INSTALLATION OF PROPOSED UTILITIES.
2. BUILDING LATERALS SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL AND STATE PLUMBING CODES. SITE UTILITY CONTRACTOR SHALL STUB LATERAL TO 5 FEET OUTSIDE BUILDING. SEE INTERIOR PLUMBING PLANS FOR CONTINUATION OF PIPING INTO BUILDING BY BUILDING PLUMBING CONTRACTOR IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, LATEST EDITION.
3. CONTRACTOR SHALL CENTER ONE FULL LENGTH OF WATER PIPE ON SEWER AT WATER MAIN CROSSINGS, THAT BOTH JOINTS WILL BE AS FAR FROM SEWER AS POSSIBLE.
4. GENERAL CONTRACTOR SHALL COORDINATE WITH LOCAL GAS, TELEPHONE, AND ELECTRICAL UTILITIES FOR EXACT LOCATION, SIZE AND DEPTH OF NEW SERVICE.
5. SANITARY SEWER SHALL BE PVC, ASTM D3034, SDR 35 UNLESS INDICATED OTHERWISE.
6. WATER MAIN SHALL BE AWWA C900, CLASS 150, DR-18 PVC UNLESS INDICATED OTHERWISE.
7. ALL SANITARY PRECAST MANHOLES SHALL CONFORM TO ASTM C-478 AND SHALL BE A MINIMUM OF 48-INCH DIAMETER WITH ECCENTRIC CONE TYPE PRECAST TOPS AND SHALL BE FITTED WITH AN EXTERNAL SEAL. FLAT TOP SLABS SHALL BE USED ONLY WITH APPROVAL OF THE VILLAGE ENGINEER.
8. CONTRACTOR SHALL PROVIDE DRAIN TILE AT ALL PROPOSED CATCH BASINS. SEE PLAN VIEW FOR DETAIL DESIGN INFORMATION.
9. BUILDING ROOF DRAINS SHALL BE SDR-35, ASTM D3034, PVC, UNLESS OTHERWISE NOTED.
10. RIM ELEVATIONS IN CURB AND GUTTER ARE FLANGE GRADES.
11. PIPE LENGTHS AND INVERTS ARE TO CENTER OF STRUCTURES.
12. CRUSHED STONE BACKFILL SHALL BE USED UNDER AND WITHIN 5' OF ALL PAVED AREAS.
13. UTILITY AND ROADWAY WORK IN THE CITY RIGHT-OF WAY SHALL BE CONSTRUCTED PER CITY SPECIFICATIONS.
14. UTILITIES AND WORK OUTSIDE OF CITY RIGHT-OF-WAY SHALL BE CONSTRUCTED PER THE OTHER DRAWING DETAILS AND SPECIFICATIONS.





Revisions

COMMERCIAL DESIGN REVIEW

SCOPE DOCUMENTS

Drawing Date  
03/28/2025

MCHS LA CROSSE  
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850 West Avenue S  
La Crosse, WI 54601

Project No. Mayo Clinic Health System  
224044.02 LALH24C001

Sheet Title

CONSTRUCTION  
DETAILS

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722 Williamson Street, Madison, Wisconsin 53703  
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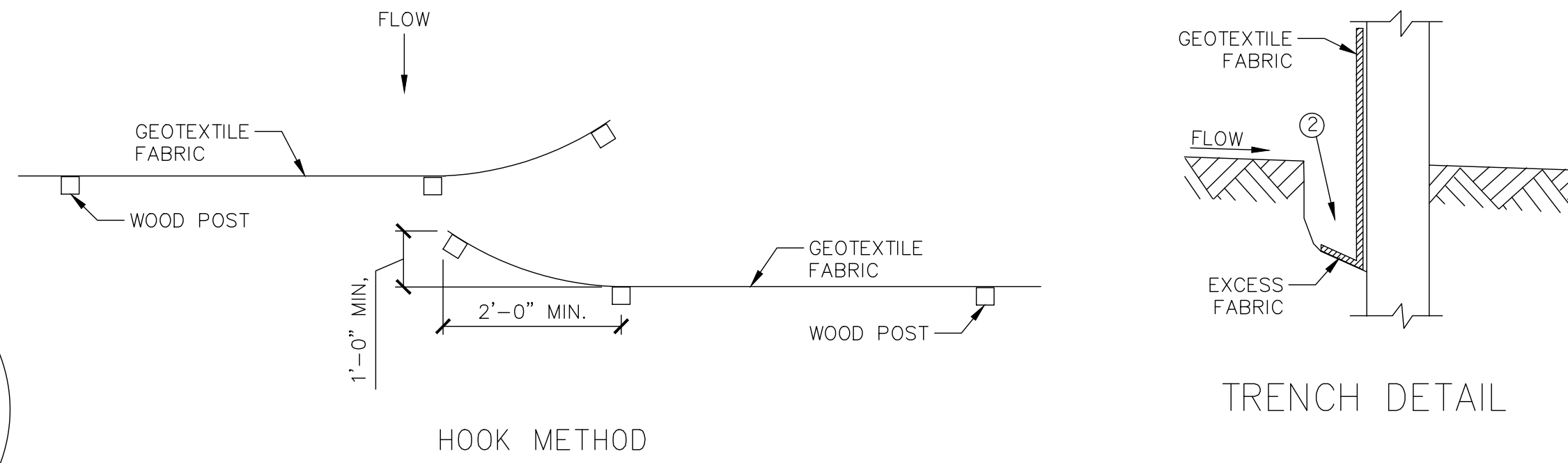
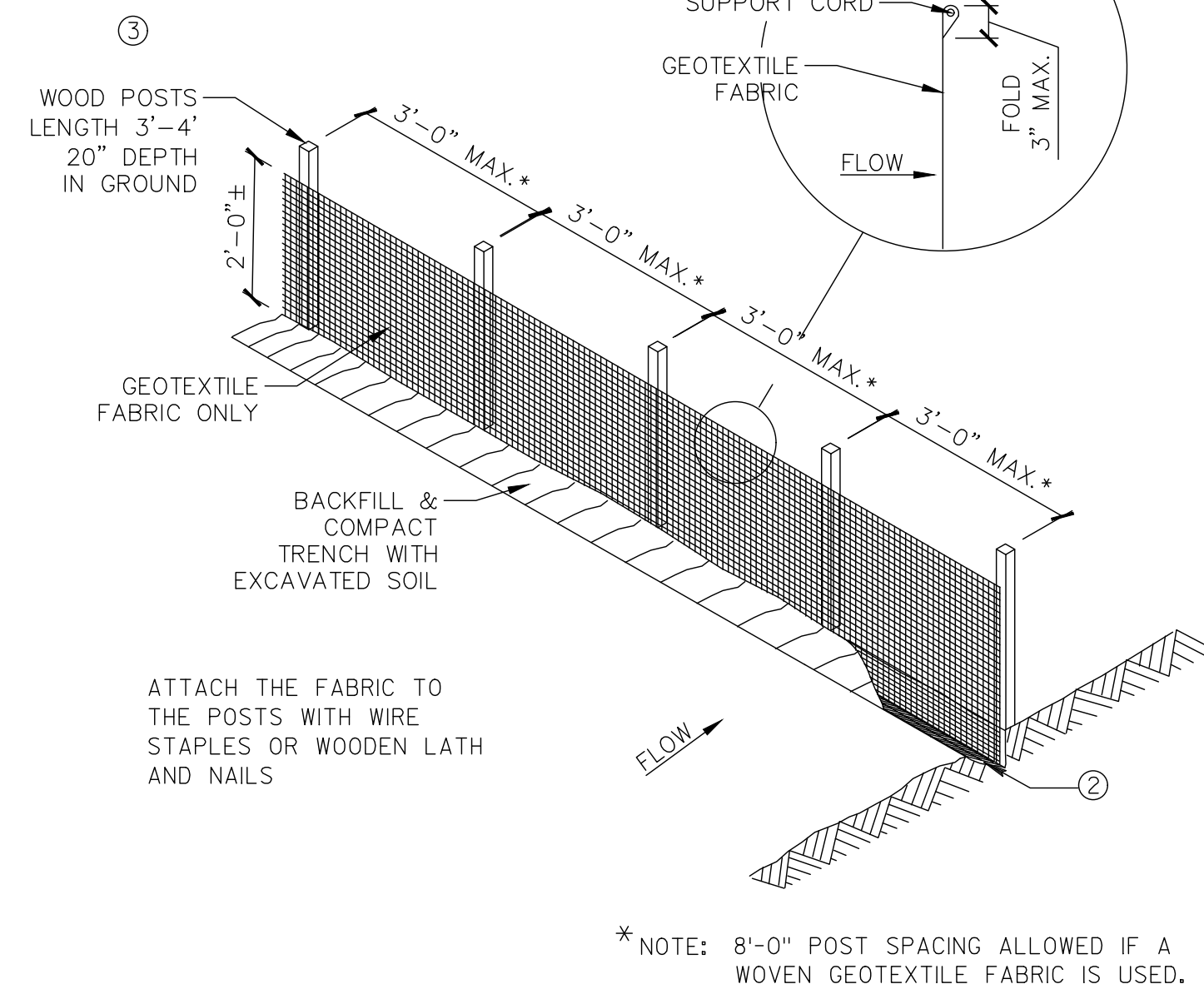
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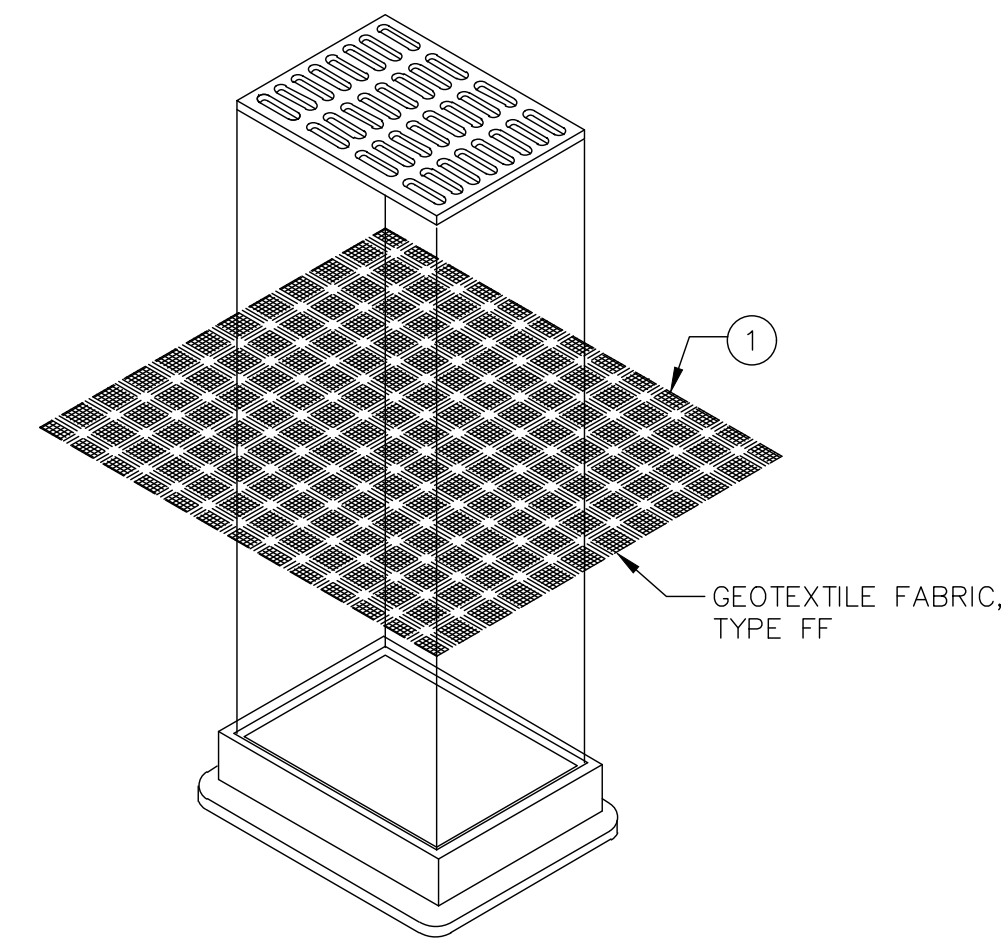
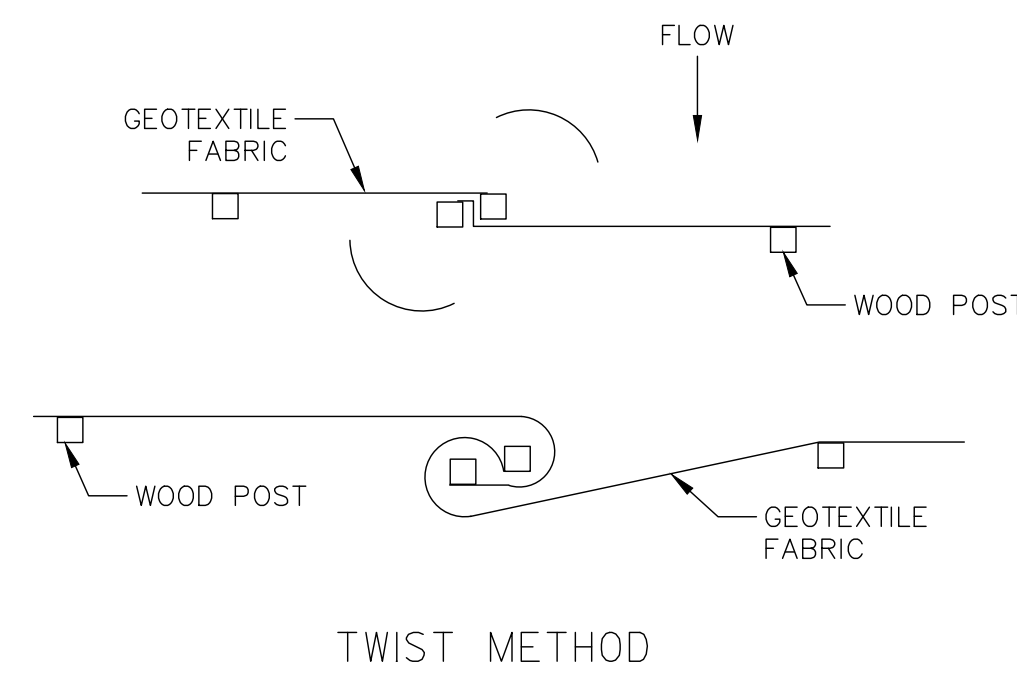
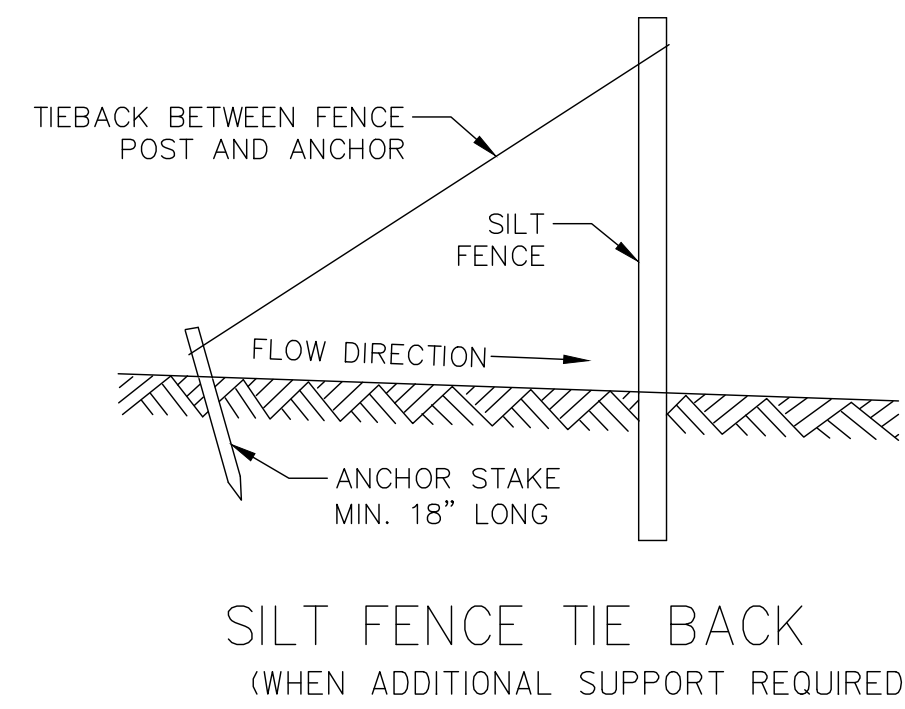
C901

- ④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
- ⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

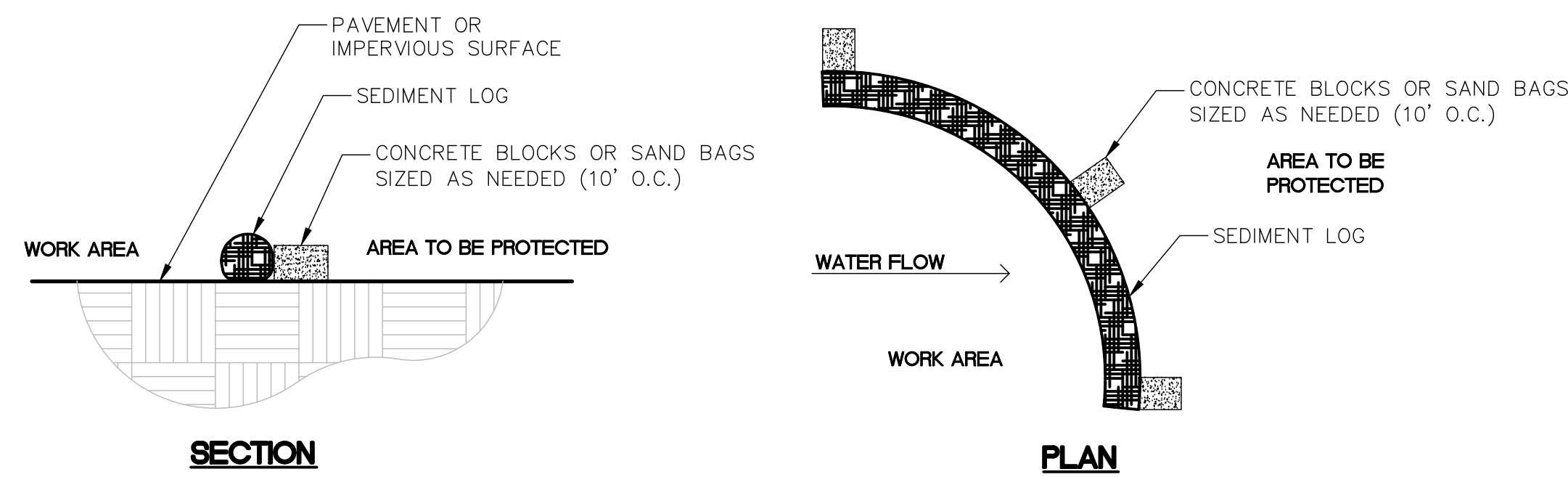
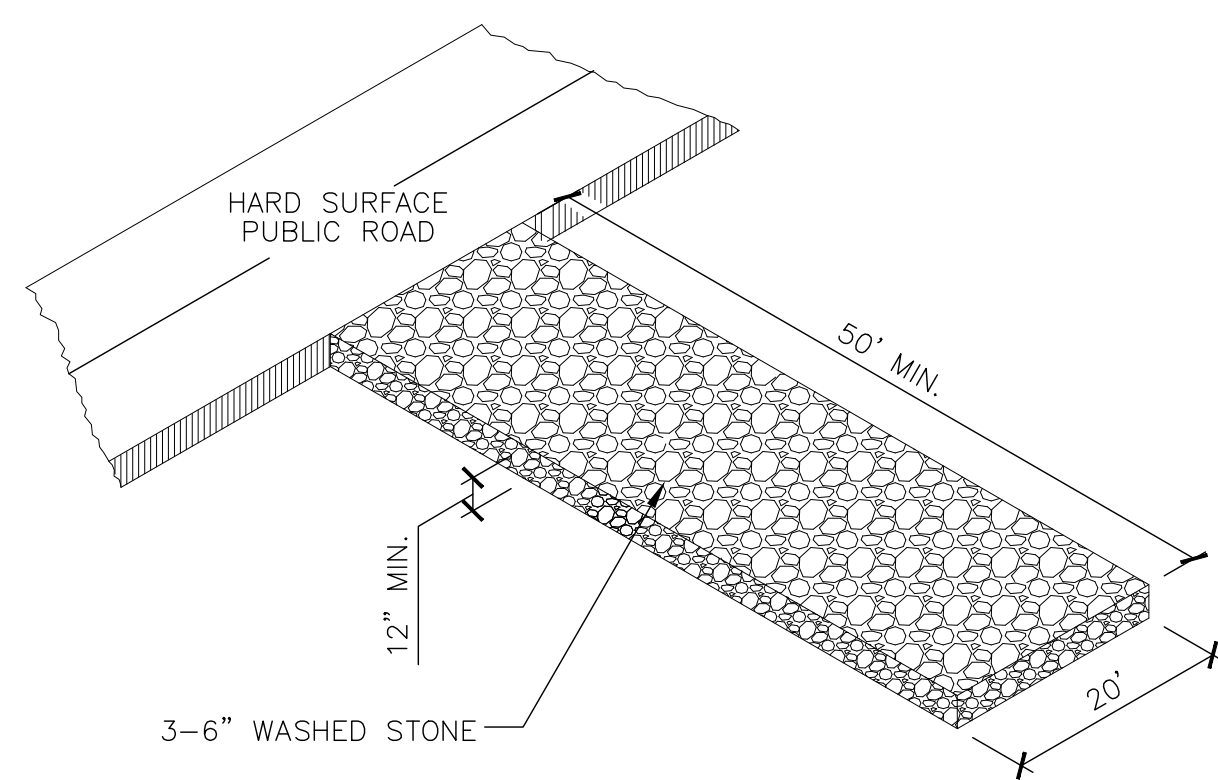
NOTE: ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS



JOINING TWO LENGTHS OF SILT FENCE ⑤



INLET PROTECTION, TYPE B  
(WITHOUT CURB BOX)



NOTE:

1. SEDIMENT LOGS SHALL BE FABRICATED FROM COMPACTED GEOTEXTILES, WOOD EXCELSIOR, COCONUT FIBERS, HARDWOOD MULCH, OR A MIXTURE OF THESE MATERIALS WITHIN FLEXIBLE TUBULAR NETTING.

01 SILT FENCE

SCALE

N.T.S.

SCALE

N.T.S.

03 STONE CONSTRUCTION ENTRANCE

SCALE

N.T.S.

04 SEDIMENT LOG FOR SEDIMENT CONTROL ON PAVEMENT

SCALE

N.T.S.





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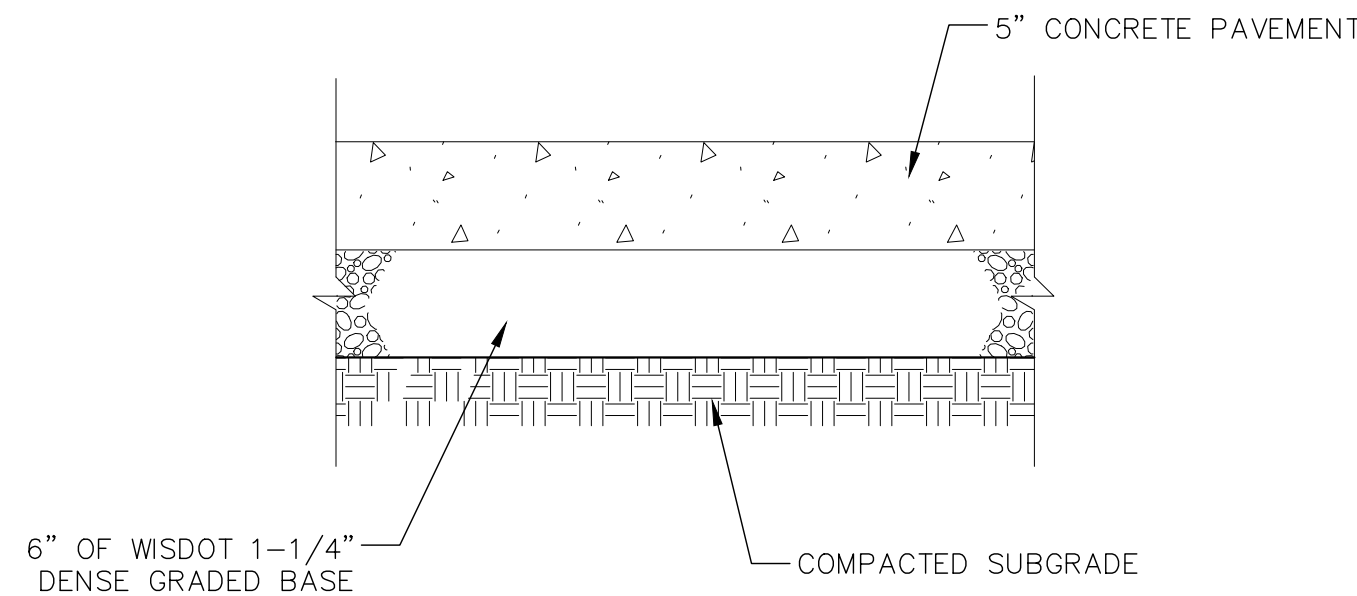
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Telephone 804.767.2500

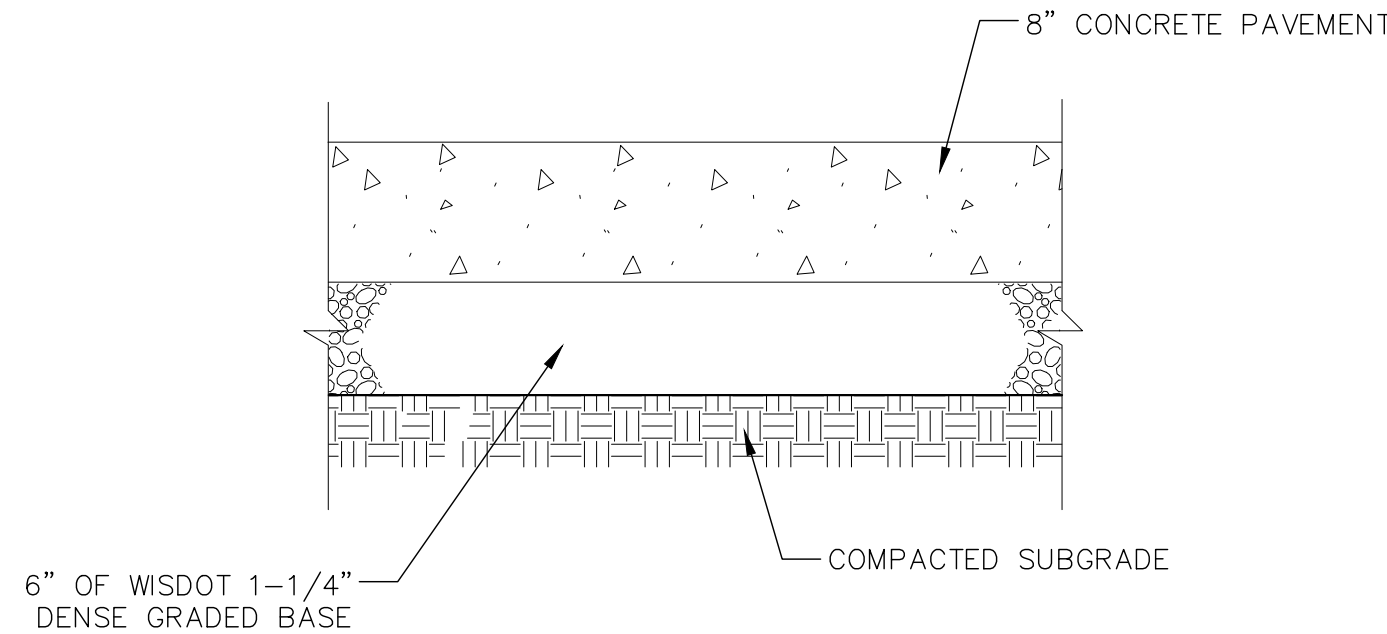
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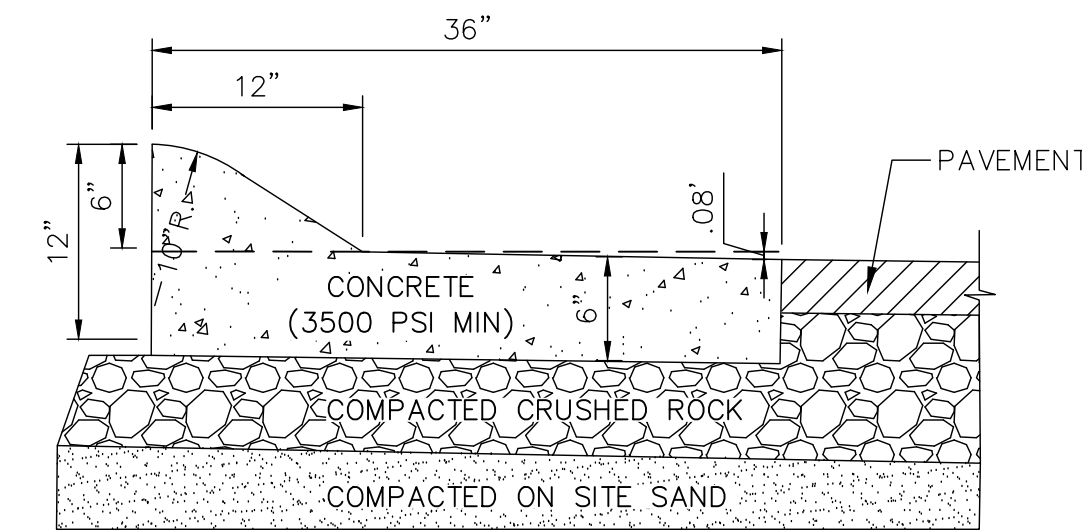
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C902



01 CONCRETE SIDEWALK  
SCALE N.T.S.

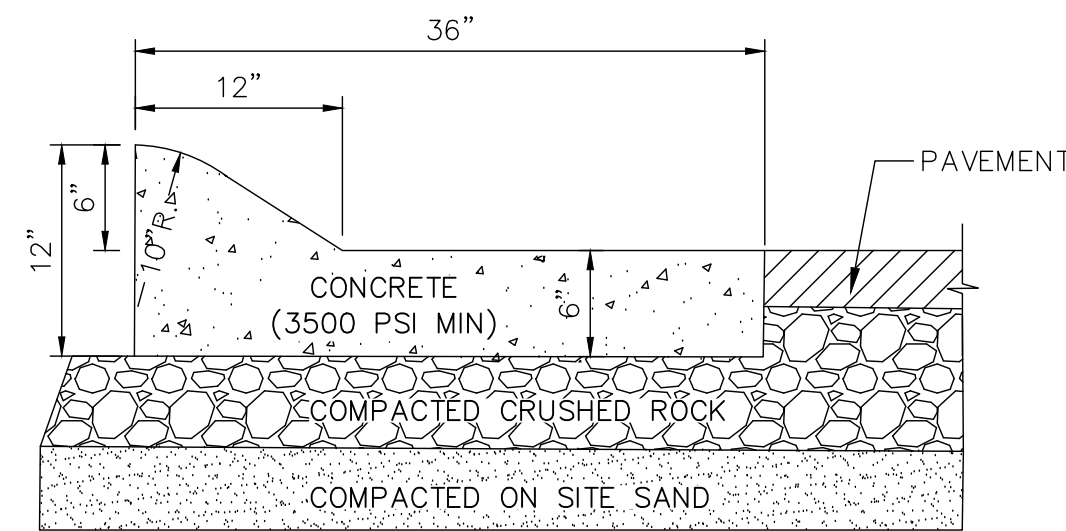


02 CONCRETE PAVEMENT  
SCALE N.T.S.



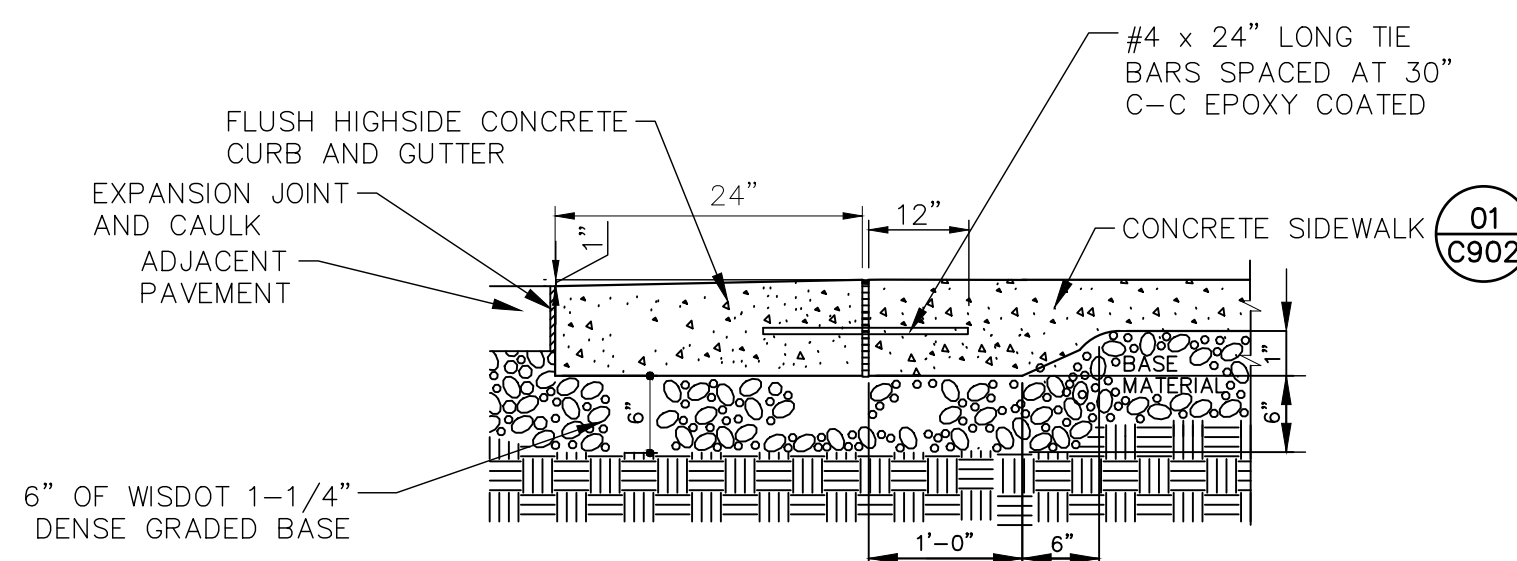
- NOTES:
- CONTROL JOINTS SHALL CONFORM WITH WISDOT 601.3.6
  - THE BOTTOM OF THE CURB AND GUTTER MAY BE CONSTRUCTED FLAT OR PARALLEL TO THE SLOPE OF THE BASE COURSE PROVIDED A MINIMUM 6" GUTTER THICKNESS IS MAINTAINED.

03 36" CURB AND GUTTER SECTION - REVERSE SLOPE  
SCALE N.T.S.



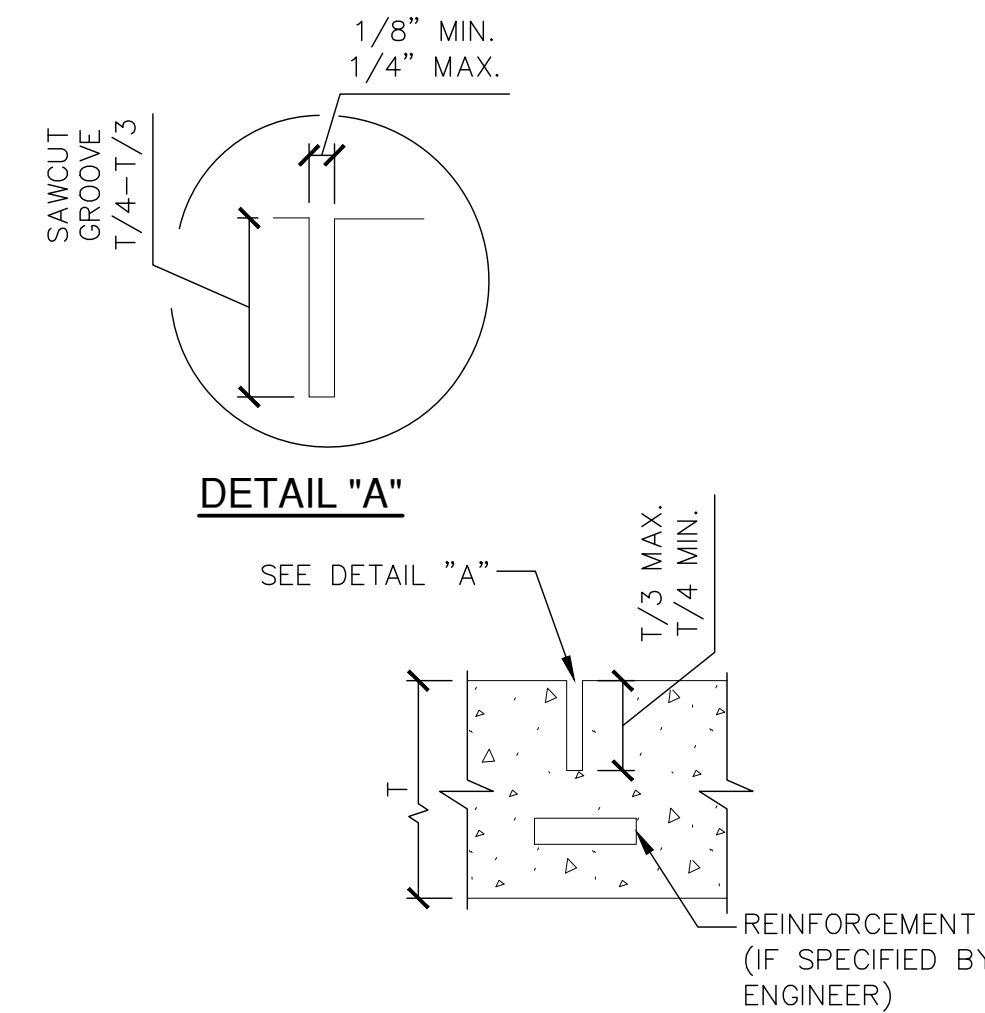
- NOTES:
- CONTROL JOINTS SHALL CONFORM WITH WISDOT 601.3.6
  - THE BOTTOM OF THE CURB AND GUTTER MAY BE CONSTRUCTED FLAT OR PARALLEL TO THE SLOPE OF THE BASE COURSE PROVIDED A MINIMUM 6" GUTTER THICKNESS IS MAINTAINED.

04 36" CURB AND GUTTER SECTION  
SCALE N.T.S.



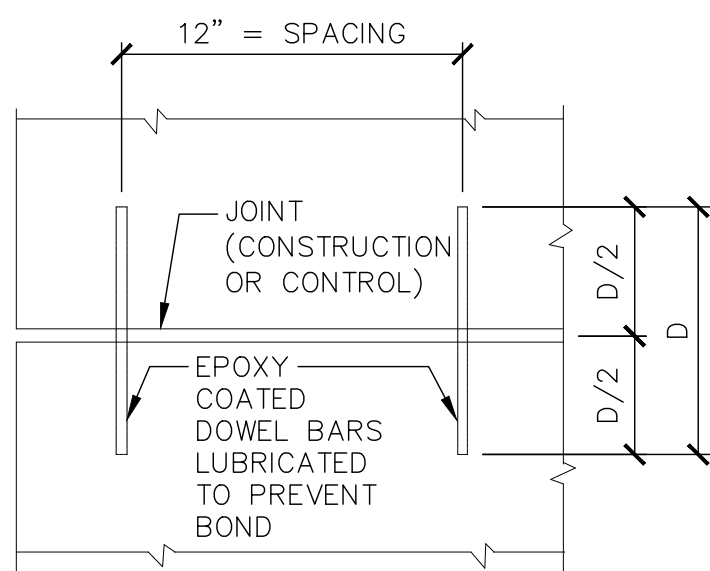
- NOTES:
- THE BOTTOM OF CURB & GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE PROVIDED A 7" MINIMUM GUTTER THICKNESS IS MAINTAINED.

05 FLUSH HIGHSIDE CONCRETE CURB AND GUTTER  
SCALE N.T.S.

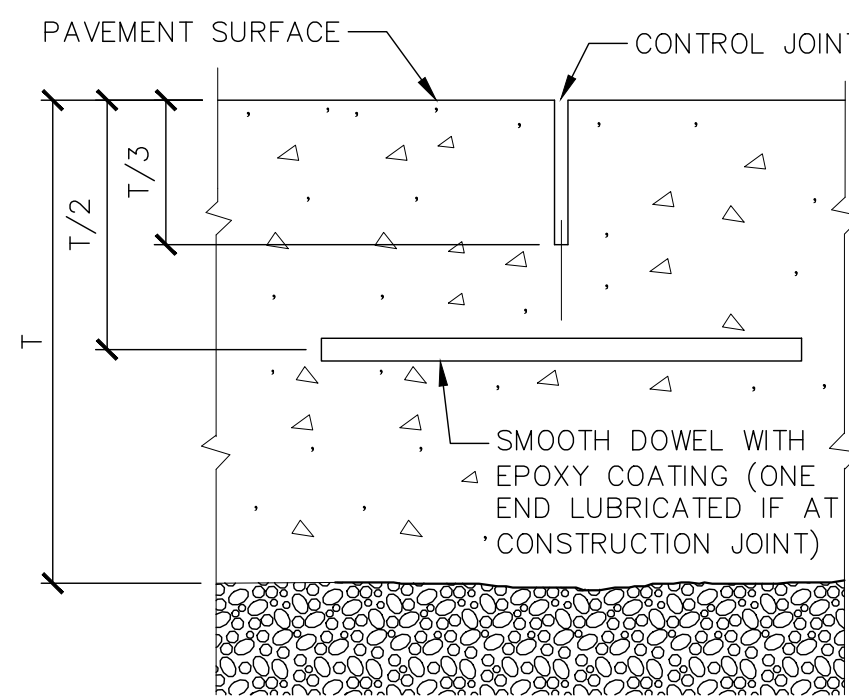


06 SAWED JOINT  
SCALE N.T.S.

PAVEMENT THICKNESS	DOWEL DIAMETER	DOWEL LENGTH "D"
6"	3/4"	14"
8"	1"	14"
10"	1-1/4"	16"
12"	1-1/2"	18"

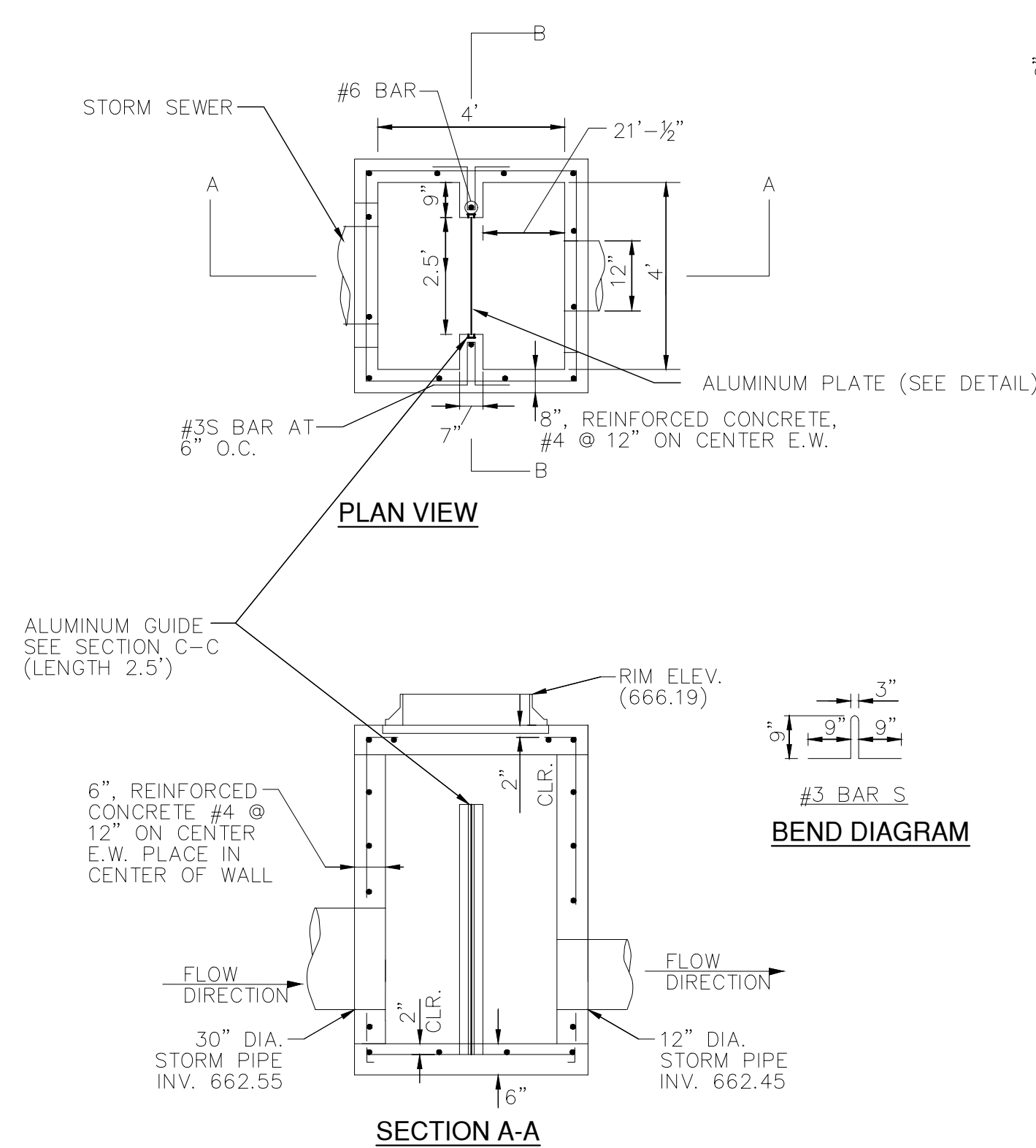


GENERAL NOTE:  
DOWELS TO BE PLACED STARTING 1" FROM EDGE OF SLAB.

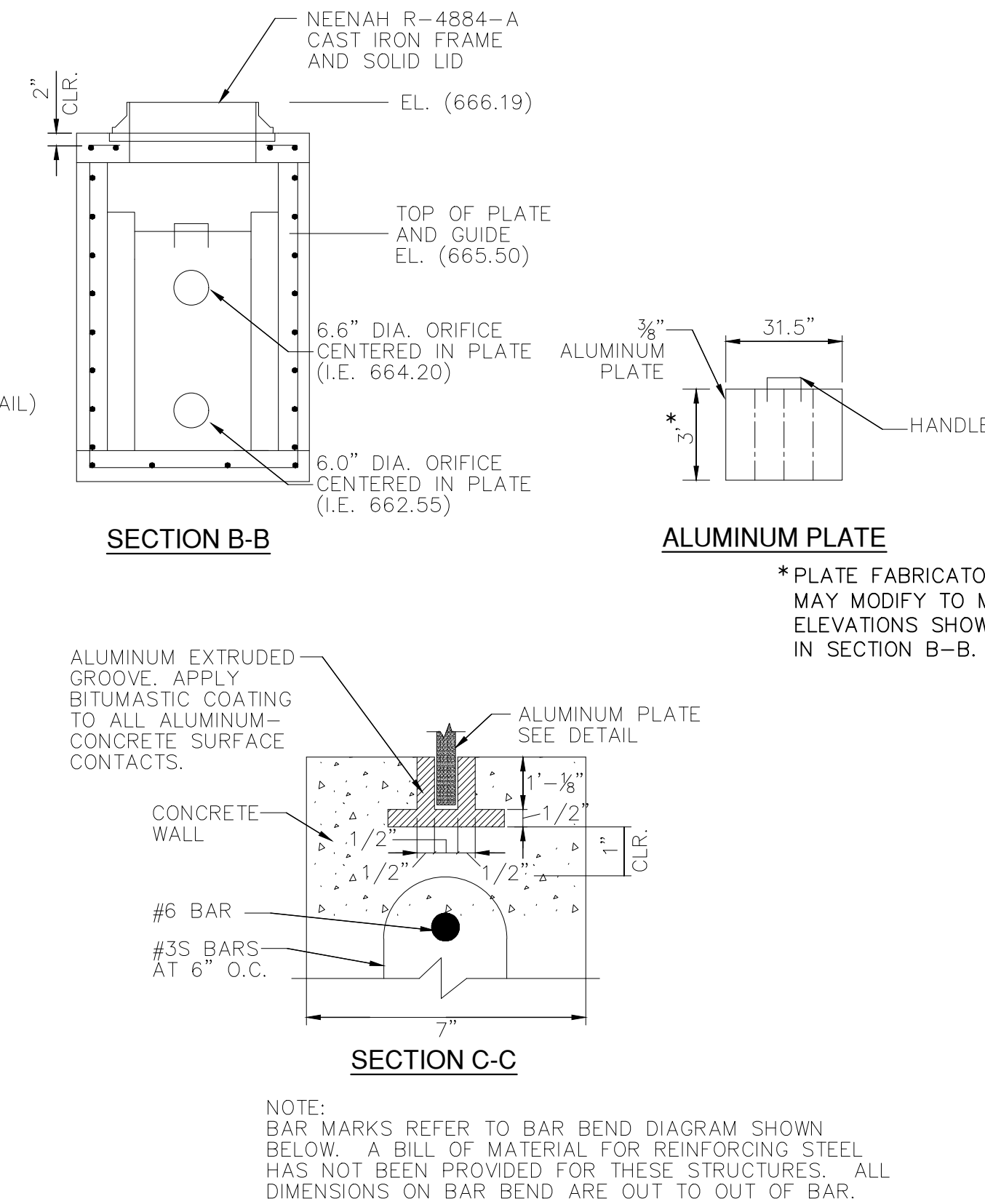


NOTE: INSTALL DOWELS AT ALL CONSTRUCTION JOINTS.

07 CONSTRUCTION JOINT WITH DOWEL BAR  
SCALE N.T.S.



8 OUTLET CONTROL STRUCTURE  
SCALE N.T.S.



NOTE:  
BAR MARKS REFER TO BAR BEND DIAGRAM SHOWN BELOW. A BILL OF MATERIAL FOR REINFORCING STEEL HAS NOT BEEN PROVIDED FOR THESE STRUCTURES. ALL DIMENSIONS ON BAR BEND ARE OUT TO OUT OF BAR.





Revisions

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03/28/2025

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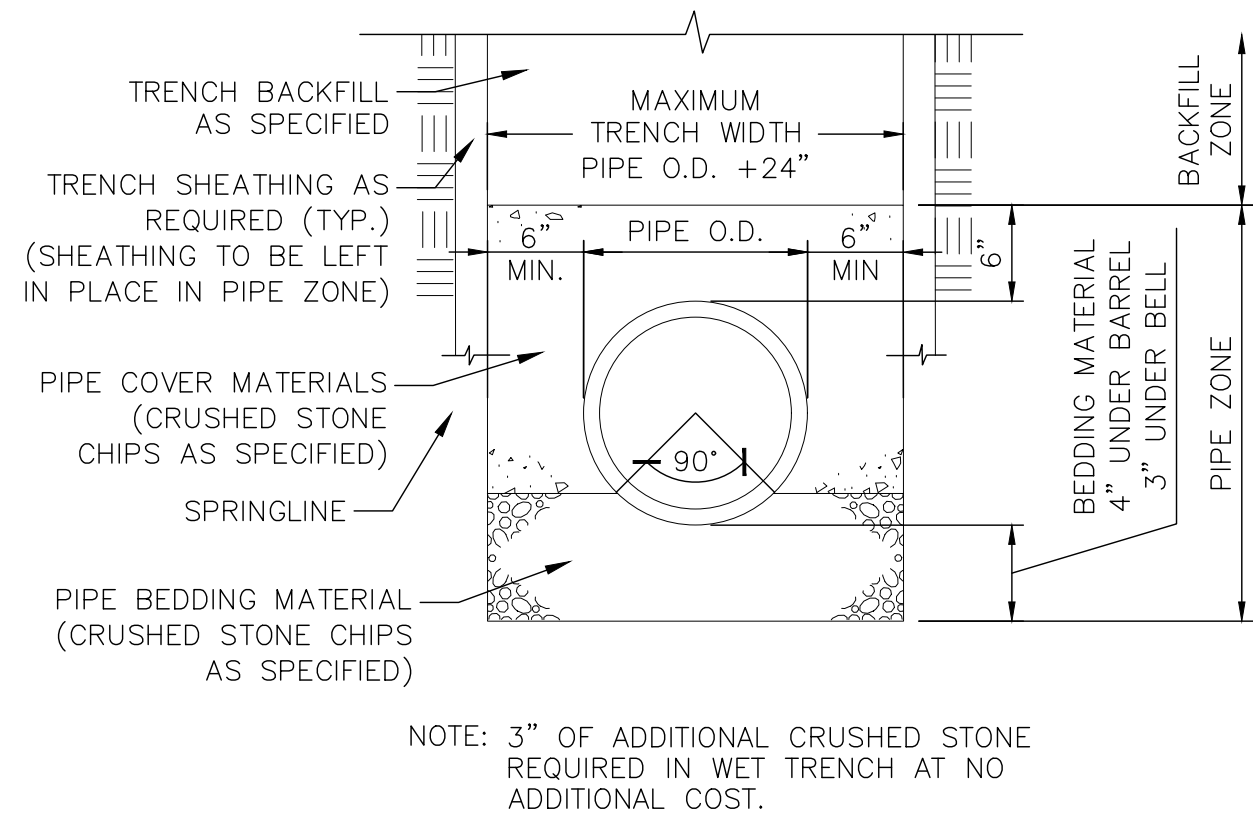
Project No. Mayo Clinic Health System  
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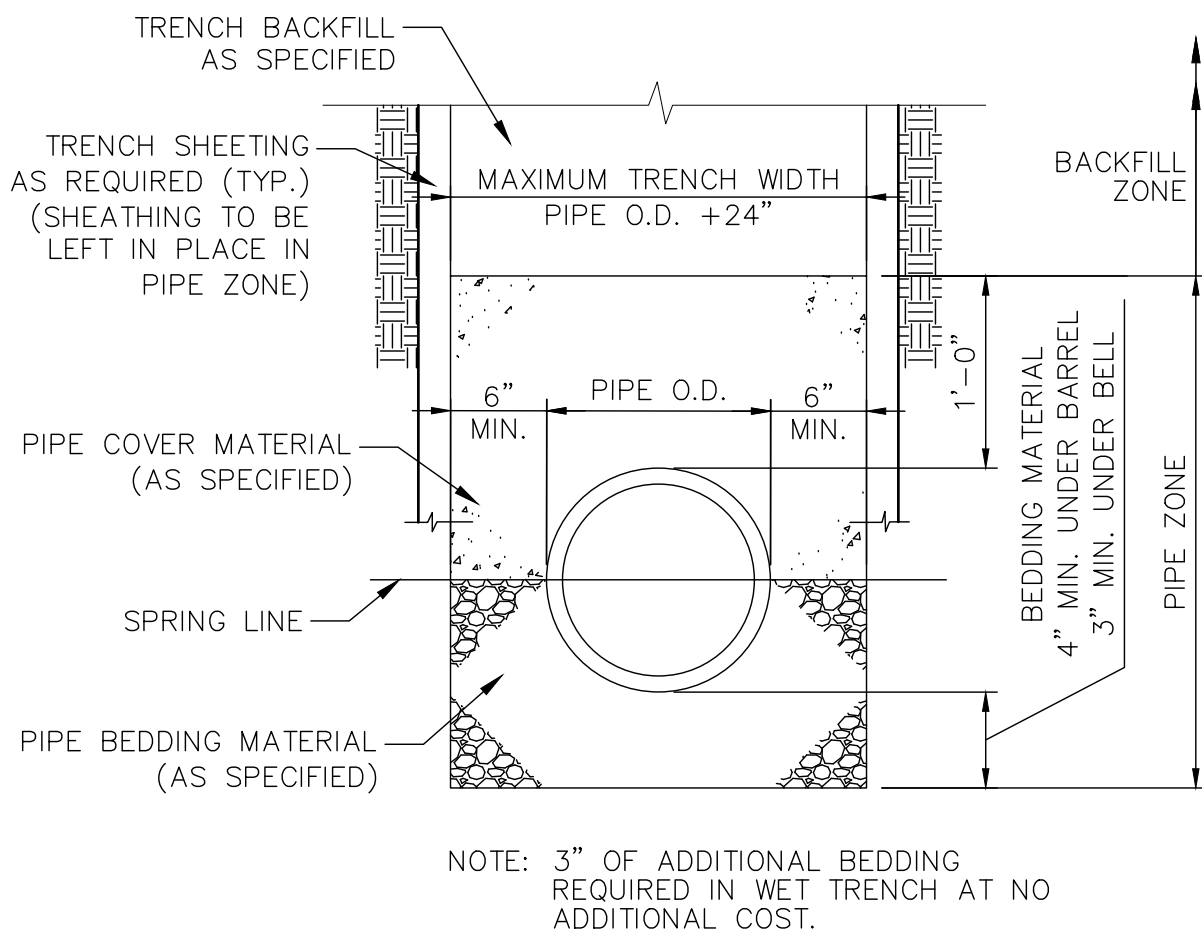
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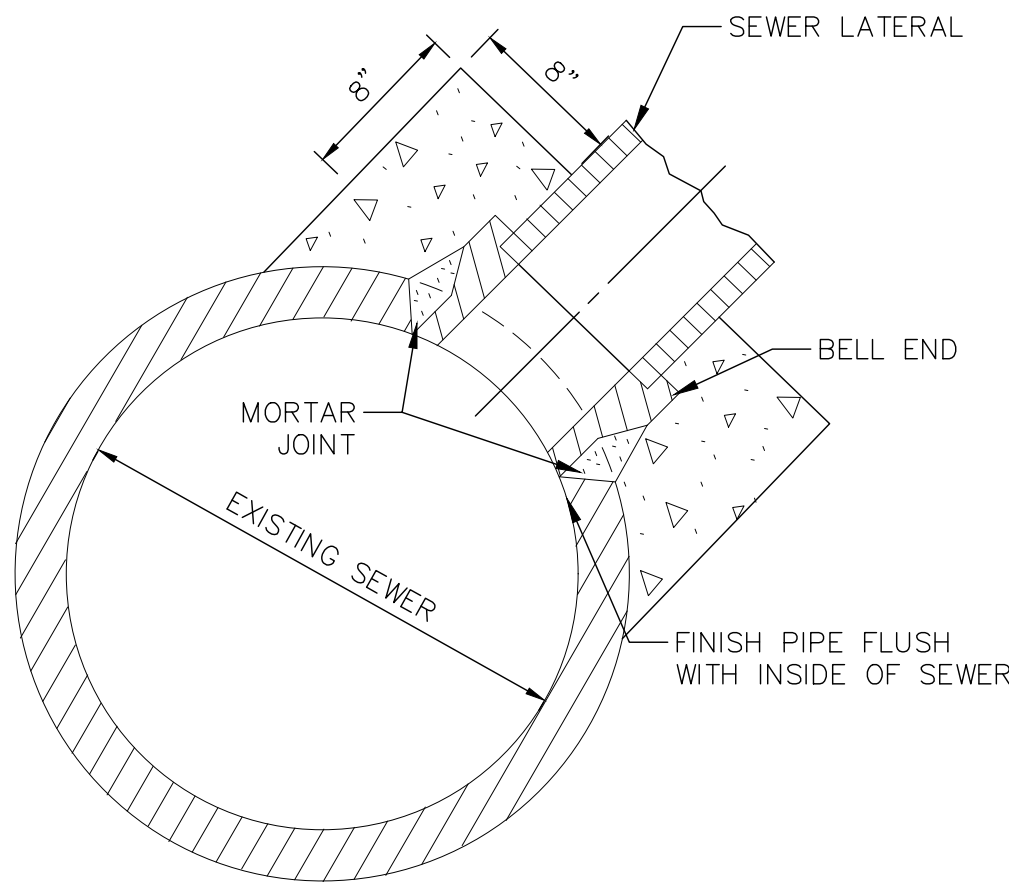
Sheet No.  
C903



01 CLASS "C" BEDDING DETAIL FOR STORM SEWER  
SCALE N.T.S.



02 CLASS "B" BEDDING DETAIL FOR SANITARY SEWER  
SCALE N.T.S.

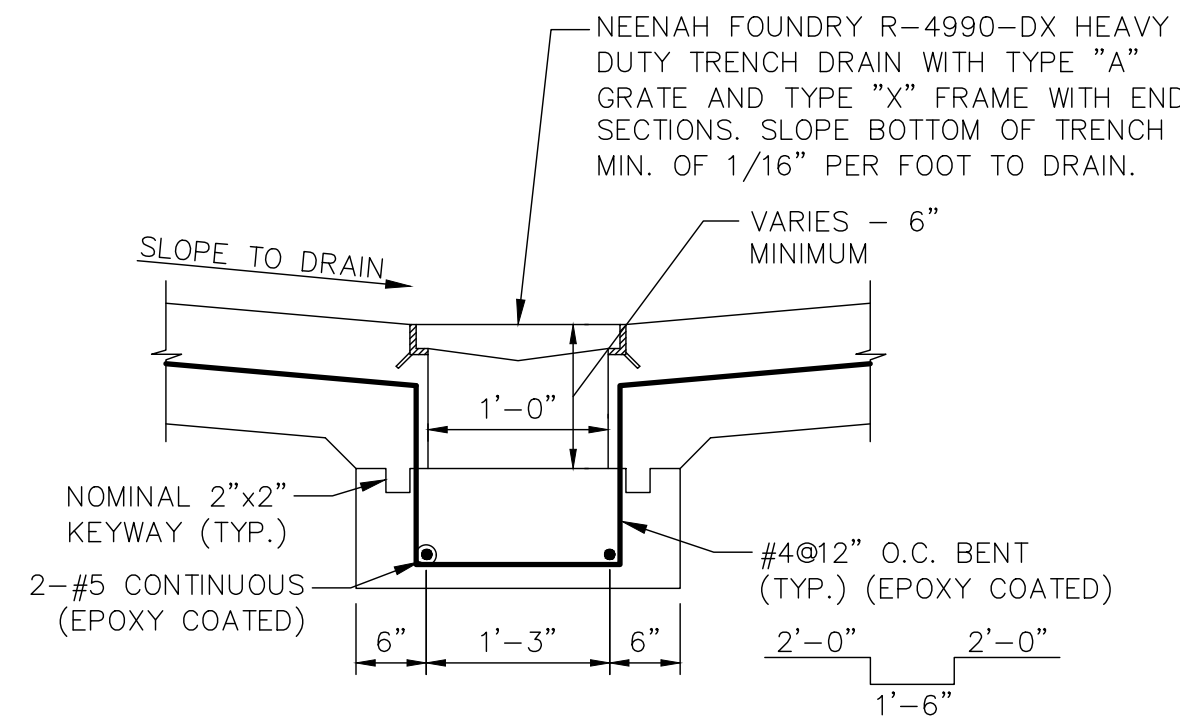


CORED SEWER CONNECTION  
N.T.S.

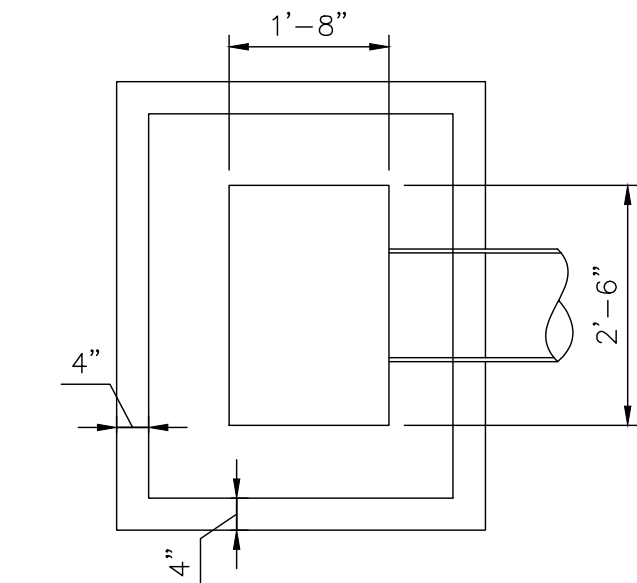
GENERAL NOTES:

1. CORED CONNECTIONS. — CORING SHALL BE UNDERSTOOD TO MEAN CUTTING A CIRCULAR HOLE INTO THE MAIN SEWER USING A MECHANICALLY-POWERED HOLLOW CYLINDRICAL BIT. THE FITTING AND METHOD OF ATTACHMENT TO THE MAIN SEWER SHALL BE APPROVED BY THE CITY OF MILWAUKEE.
2. ALL ADHESIVES USED SHALL BE COMPATIBLE TO THE PIPE MATERIAL.
3. CORED CONNECTIONS SHALL BE CORED IN THE UPPER QUADRANT AT AN ANGLE 45 DEGREES WITH THE HORIZONTAL.

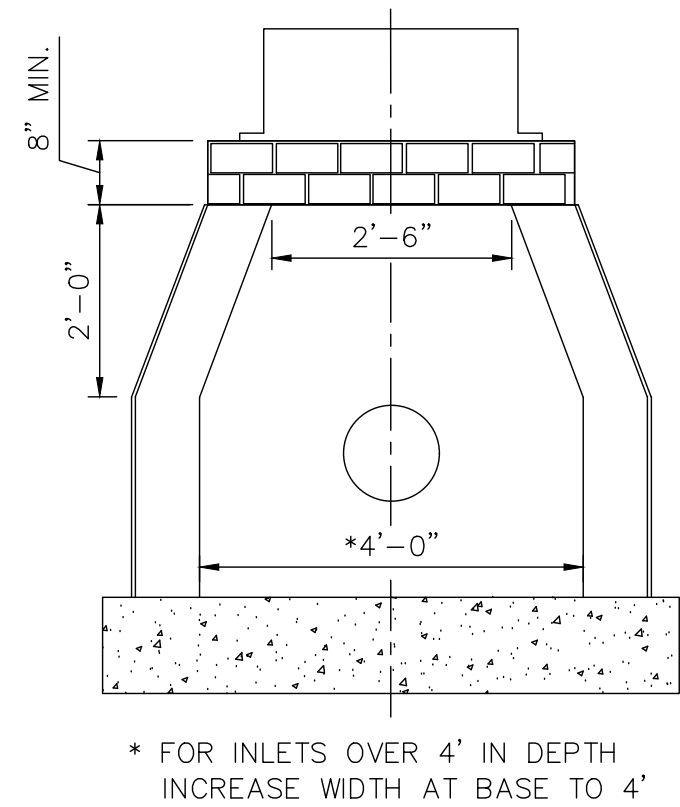
04 CORED SEWER CONNECTION  
SCALE N.T.S.



05 12" TRENCH DRAIN CROSS SECTION  
SCALE N.T.S.



03 STANDARD CATCH BASIN  
SCALE N.T.S.



04 CORED SEWER CONNECTION  
SCALE N.T.S.





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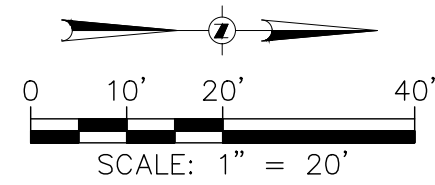
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Project No. Mayo Clinic Health System  
224044.02 LALH24C001

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LANDSCAPE PLAN

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L100

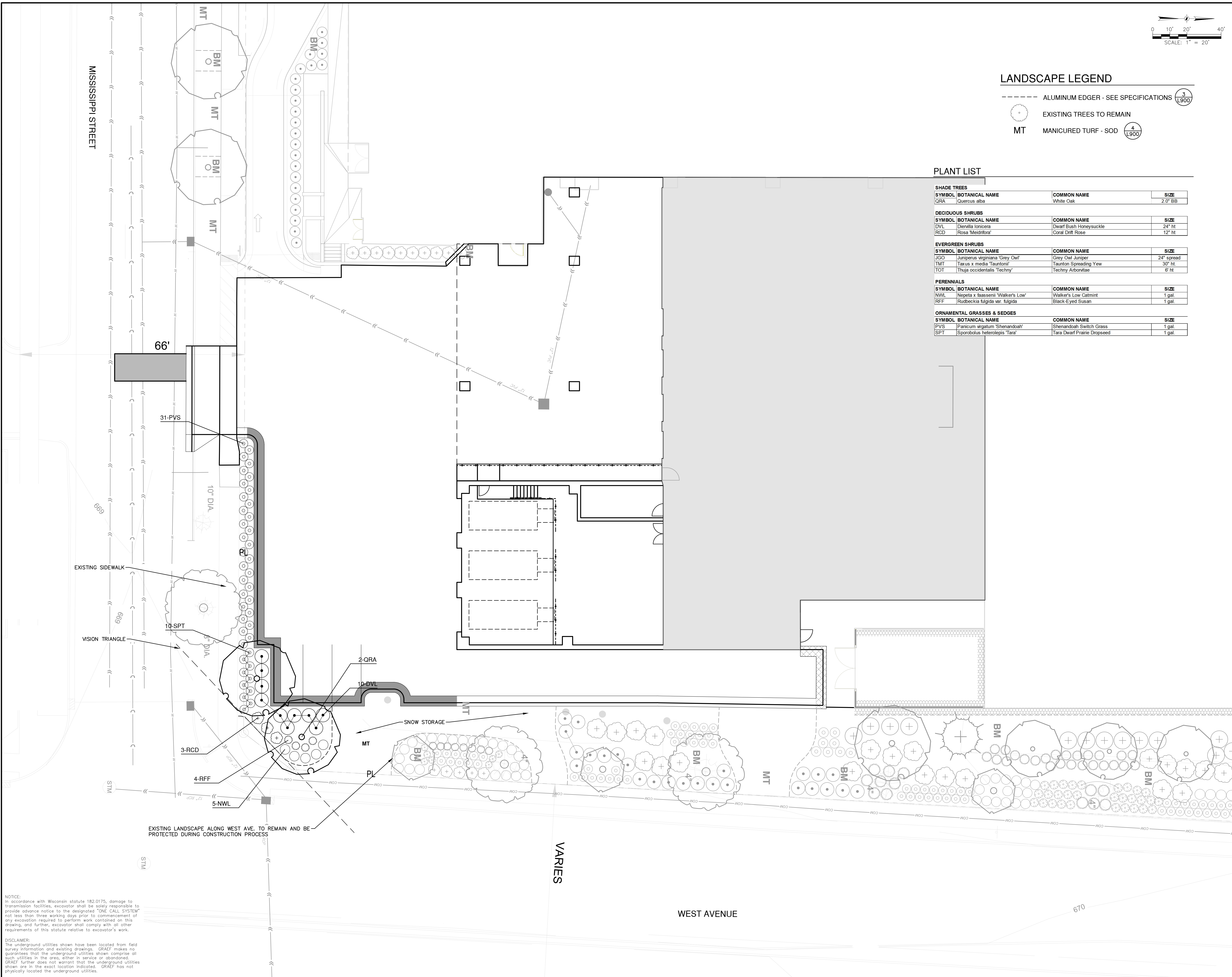


## LANDSCAPE LEGEND

- ALUMINUM EDGER - SEE SPECIFICATIONS 3  
EXISTING TREES TO REMAIN 1900  
MT MANICURED TURF - SOD 4  
1900

## PLANT LIST

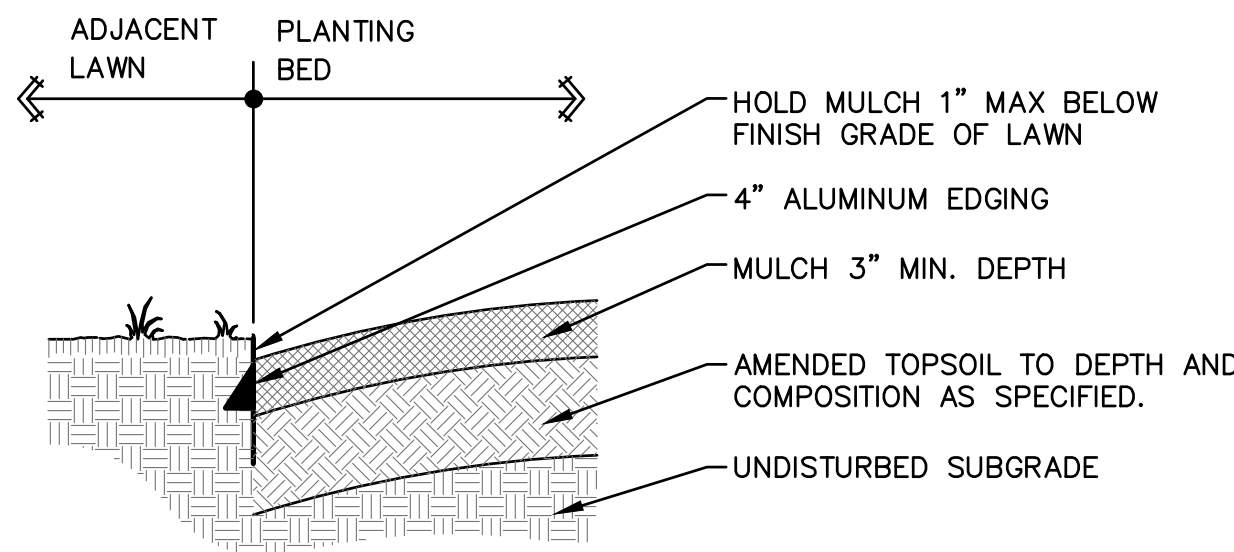
SHADE TREES		
SYMBOL	BOTANICAL NAME	COMMON NAME
GRA	Quercus alba	White Oak
		2.0' BB
DECIDUOUS SHRUBS		
SYMBOL	BOTANICAL NAME	COMMON NAME
DVL	Dierilla lonicera	Dwarf Bush Honeysuckle
RCD	Rosa 'Medirora'	Coral Drift Rose
		12" ht
EVERGREEN SHRUBS		
SYMBOL	BOTANICAL NAME	COMMON NAME
JGO	Juniperus virginiana 'Grey Owl'	Grey Owl Juniper
TMT	Taxus x media 'Tauntoni'	Taunton Spreading Yew
TOT	Thuja occidentalis 'Techny'	Techny Arborvitae
		6' ht
PERENNIALS		
SYMBOL	BOTANICAL NAME	COMMON NAME
NWL	Nepeta x faasseni 'Walker's Low'	Walker's Low Catmint
RFF	Rudbeckia fulgida var. fulgida	Black-Eyed Susan
		1 gal.
ORNAMENTAL GRASSES & SEDGES		
SYMBOL	BOTANICAL NAME	COMMON NAME
PVS	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass
SPT	Sporobolus heterolepis 'Tara'	Tara Dwarf Prairie Dropseed
		1 gal.



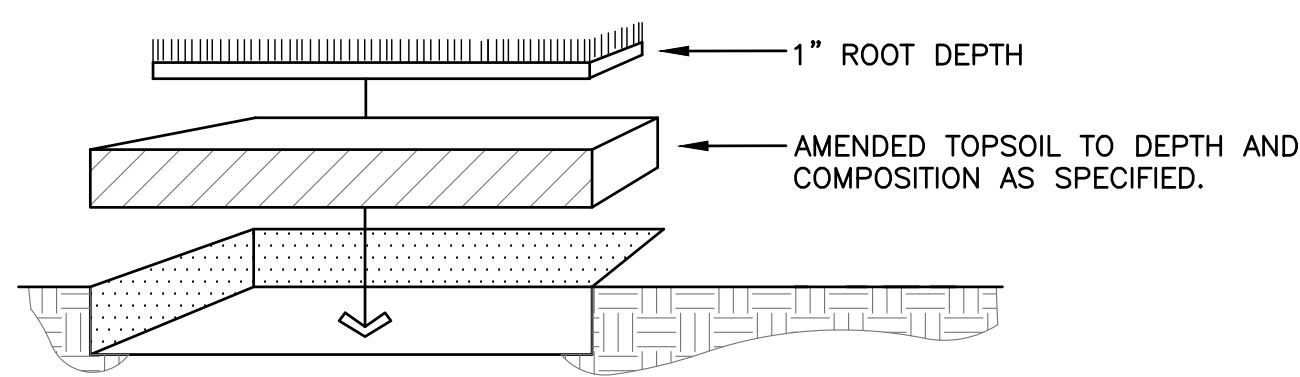
NOTICE:  
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

DISCLAIMER:  
The underground utilities shown have been located from field survey information and existing drawings. GRAEF makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. GRAEF further does not warrant that the underground utilities shown are in the exact location indicated. GRAEF has not physically located the underground utilities.



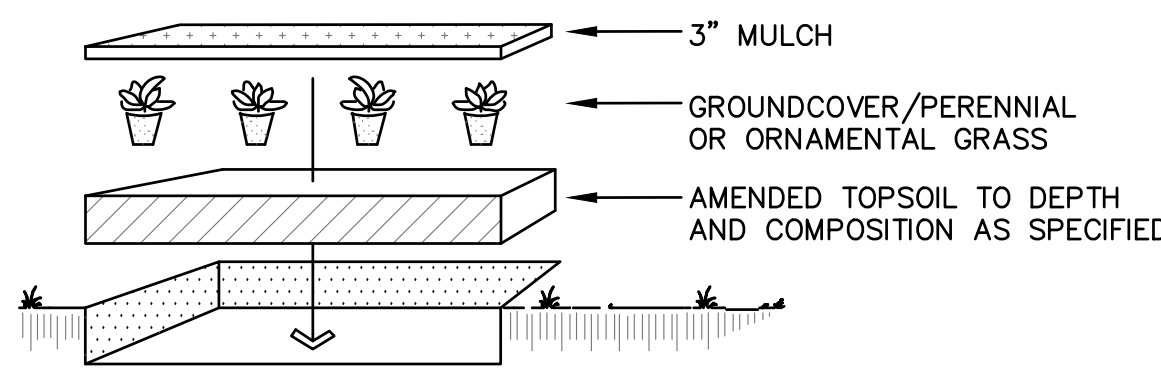


### 3 ALUMINUM PLANT BED EDGE



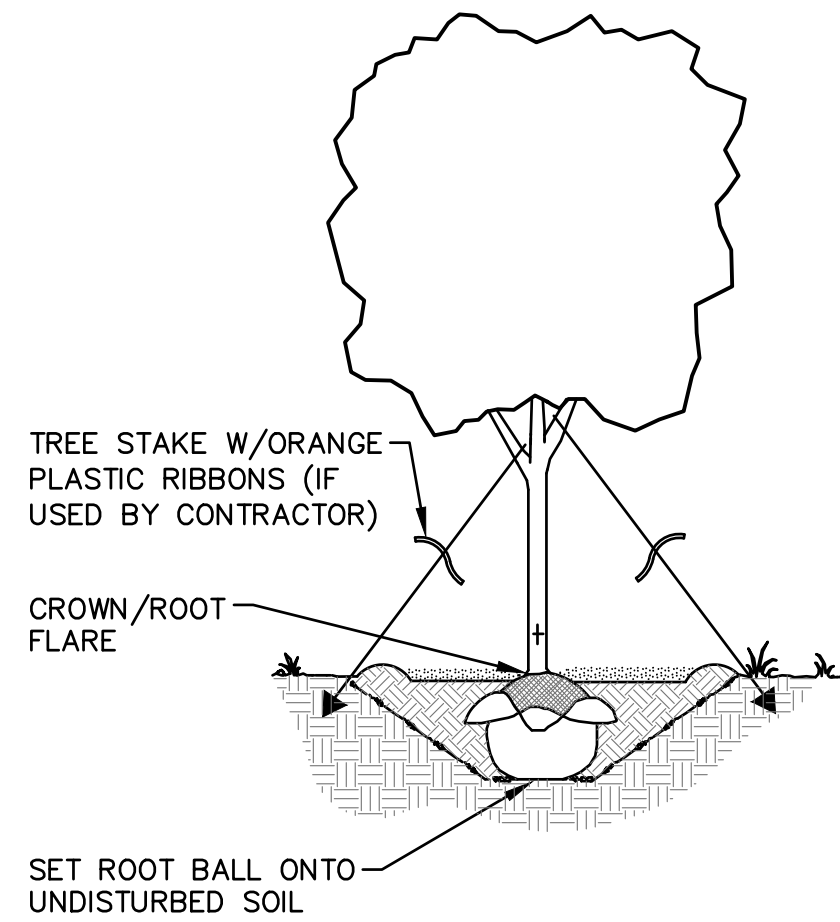
- TOPSOIL SHALL CONFORM TO PROPERTIES AS SPECIFIED.
- CONTRACTOR TO PROVIDE FINISHED TURF GRADE PER DRAWINGS WITH UNIFORM, NATURAL SLOPES PRIOR TO LAYING SOD. SOD BLEND & APPLICATION PROCEDURES ARE DESCRIBED IN WRITTEN SPECIFICATION
- LAY SOD IN "RUNNING BOND" FASHION (W/ALTERNATE JOINTS), COMPRESS EACH BUTT JOINT TO REDUCE SHRINKAGE CRACKS. ANCHOR SOD APPLICATIONS ON SLOPES GREATER THAN 1:3 W/10" WOOD PEGS.
- LANDSCAPE CONTRACTOR SHALL ESTABLISH VIGOROUS GROWTH AND MOW & MAINTAIN AS SPECIFIED.

### 4 MANICURED TURF SOD



- LAYOUT PLANT MATERIAL AS SHOWN ON LANDSCAPE PLAN
- HAND BROADCAST UNIFORM 3" MULCH THROUGHOUT PLANTING BEDS
- FLOOD IMMEDIATELY & WATER FREQUENTLY PER WRITTEN SPECIFICATIONS
- PLANT SIZES SPECIFIED ARE MINIMUM ACCEPTABLE

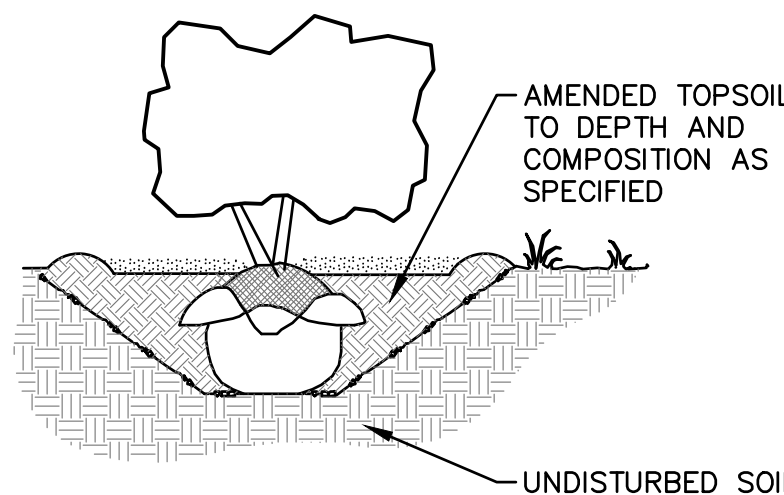
### 5 GROUND COVER / ORNAMENTAL GRASS / PERENNIAL PLANTING DETAIL



- EXCAVATE PLANTING PIT 3-TIMES THE DIA. & APPROXIMATELY THE HEIGHT OF ROOT BALL DEPTH. ROOT FLARE SHALL BE AT OR SLIGHTLY HIGHER THAN ADJACENT F.G.
- LOOSEN SUBSOIL W/PICK TO ENSURE POROSITY.
- SELECT BEST VIEWING ANGLE, LIFT STOCK BY BALL AND PLACE IN PLANTING PIT.
- CUT AND REMOVE ALL STRING AND WIRE AND UNWRAP TOP HALF OF ROOT BALL. BACKFILL PLANTING PIT WITH EXISTING SOIL UP TO BASE OF ROOT FLARE.
- PACK BACKFILL AROUND BASE OF ROOT BALL TO STABILIZE IT.
- BACKFILL REMAINDER OF PLANTING HOLE USING WATER PERIODICALLY TO REDUCE AIR POCKETS.
- FORM 3" HT. SAUCER IN 6"-0" DIAMETER AROUND TREE & FILL WITH 3" MULCH.
- KEEP MULCH 1-2 INCHES AWAY FROM TRUNK.
- WATER IMMEDIATELY & FREQUENTLY.
- PLANT SIZES SPECIFIED ARE MINIMUM ACCEPTABLE.

### 1 TREE PLANTING DETAIL

- EXCAVATE PLANTING PIT TWICE THE DIAMETER OF BALL & EQUAL IN DEPTH
- LOOSEN SUBSOIL W/PICK TO ENSURE POROSITY
- PLACE PLANTING SOIL IN PLANTING PIT & FOOT TAMP
- SELECT BEST VIEWING ANGLE, LIFT STOCK BY BALL & PLACE IN PLANTING PIT
- UNWRAP TOP HALF OF ROOT BALL
- BACKFILL TO FINISHED GRADE WITH AMENDED TOPSOIL & TAMP
- FORM 3" SAUCER TO ENCIRCLE STOCK & FILL WITH 3" MULCH
- WATER IMMEDIATELY & FREQUENTLY.
- PLANT SIZES SPECIFIED ARE MINIMUM ACCEPTABLE



### 2 SHRUB PLANTING DETAIL

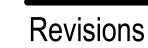
#### LANDSCAPING NOTES:

1. PLANT NAMES ARE ABBREVIATED ON THE DRAWINGS. SEE PLANT LIST FOR SYMBOLS, ABBREVIATIONS, BOTANICAL/Common NAMES, SIZES, ESTIMATED QUANTITIES (IF GIVEN) AND OTHER REMARKS.
2. PLANT MATERIALS ARE TO BE FURNISHED FREE OF PESTS OR PLANT DISEASES. PLANTS ARE SUBJECT TO OWNER'S ACCEPTANCE PRIOR TO INSTALLATION.
3. PLANT BEDS AND TREE PLANTING PITS ARE TO RECEIVE 3" DEEP LAYER OF SHREDDED HARDWOOD BARK MULCH.
4. FORM 72-INCH, OR AS OTHERWISE INDICATED, WATERING BASIN AROUND ALL TREES NOT INSTALLED IN PAVED AREAS.
5. MAINTAIN 72-INCH DIAMETER MINIMUM CLEAR SOIL AREA AROUND TREES IN MANICURED TURF AREAS. MULCH TREE RING WITH SPECIFIED DEPTH OF HARDWOOD BARK MULCH. SEE PLANTING DETAILS.
6. UNLESS OTHERWISE INDICATED, PLACE SHRUBS, PERENNIALS AND ORNAMENTAL GRASSES IN STRAIGHT ROWS, EQUALLY SPACED.
7. SEPARATE PLANTING BEDS FROM ADJACENT TURF AREAS WITH ALUMINUM EDGING
8. PLANT SUBSTITUTIONS WILL NOT BE PERMITTED UNLESS THE LANDSCAPE CONTRACTOR CAN DEMONSTRATE THE PLANTS ARE NOT AVAILABLE FROM NURSERY SOURCES LOCATED WITHIN 100 MILES FROM THE PROJECT SITE. ANY PROPOSED PLANT SUBSTITUTION WILL REQUIRE PRIOR REVIEW AND WRITTEN ACCEPTANCE BY THE LANDSCAPE ARCHITECT.

NOTICE:  
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

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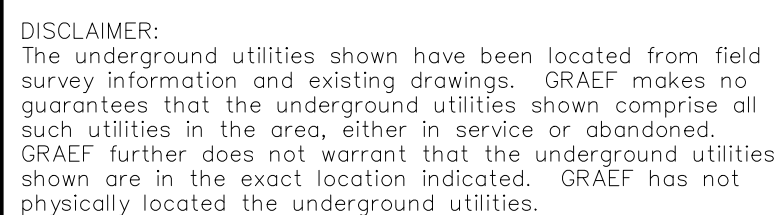
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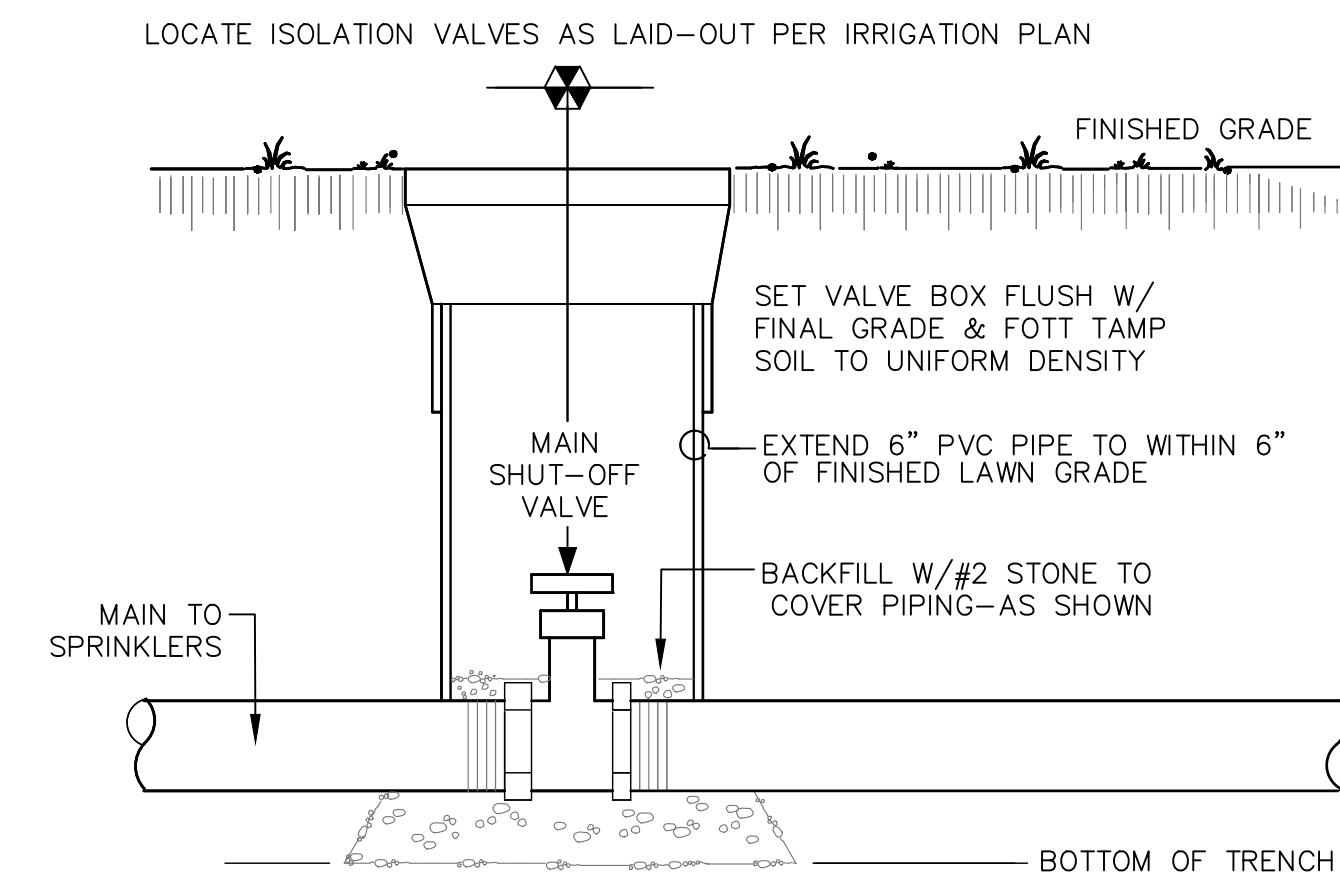
Project No. Mayo Clinic Health System  
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Sheet Title

IRRIGATION DETAILS

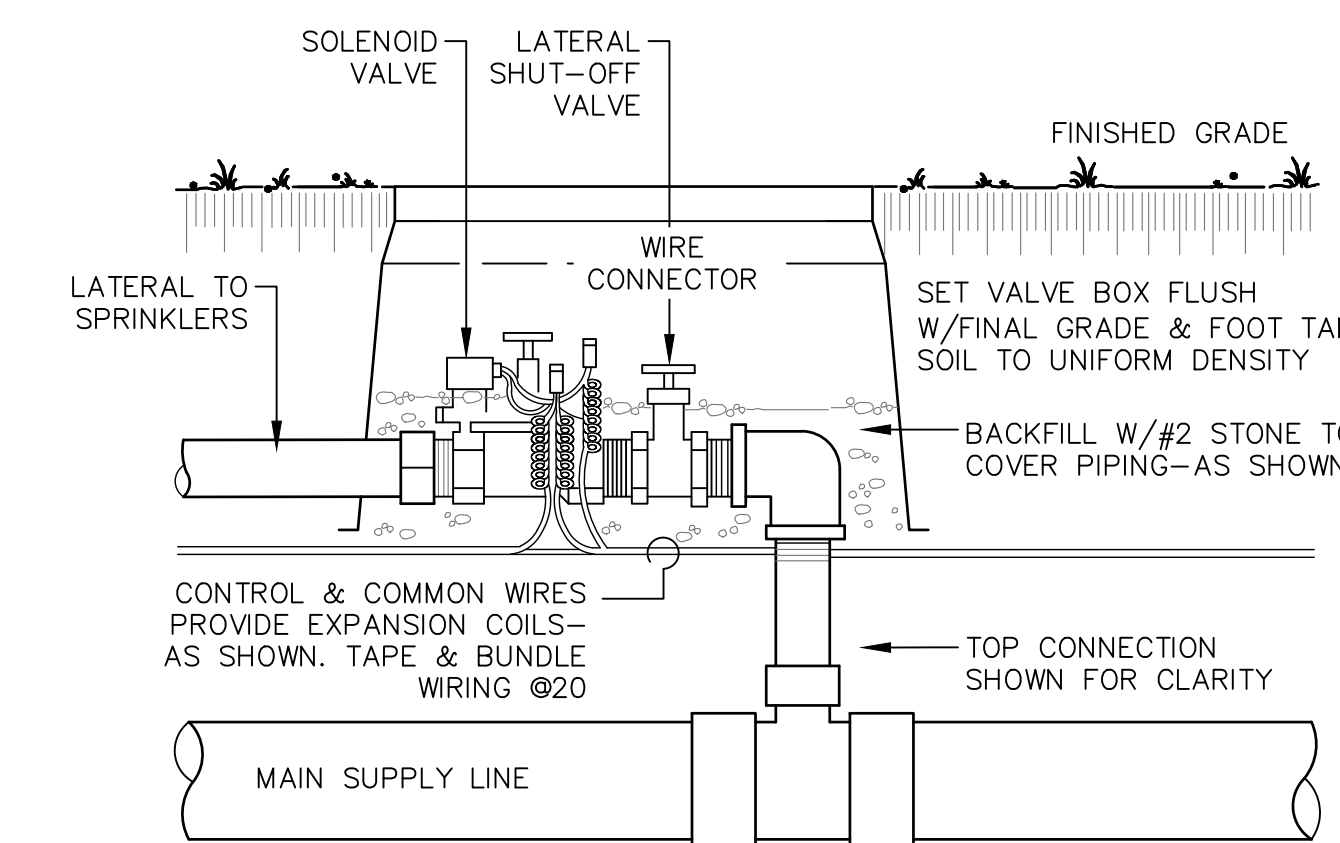
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1900



## 10 ISOLATION VALVE

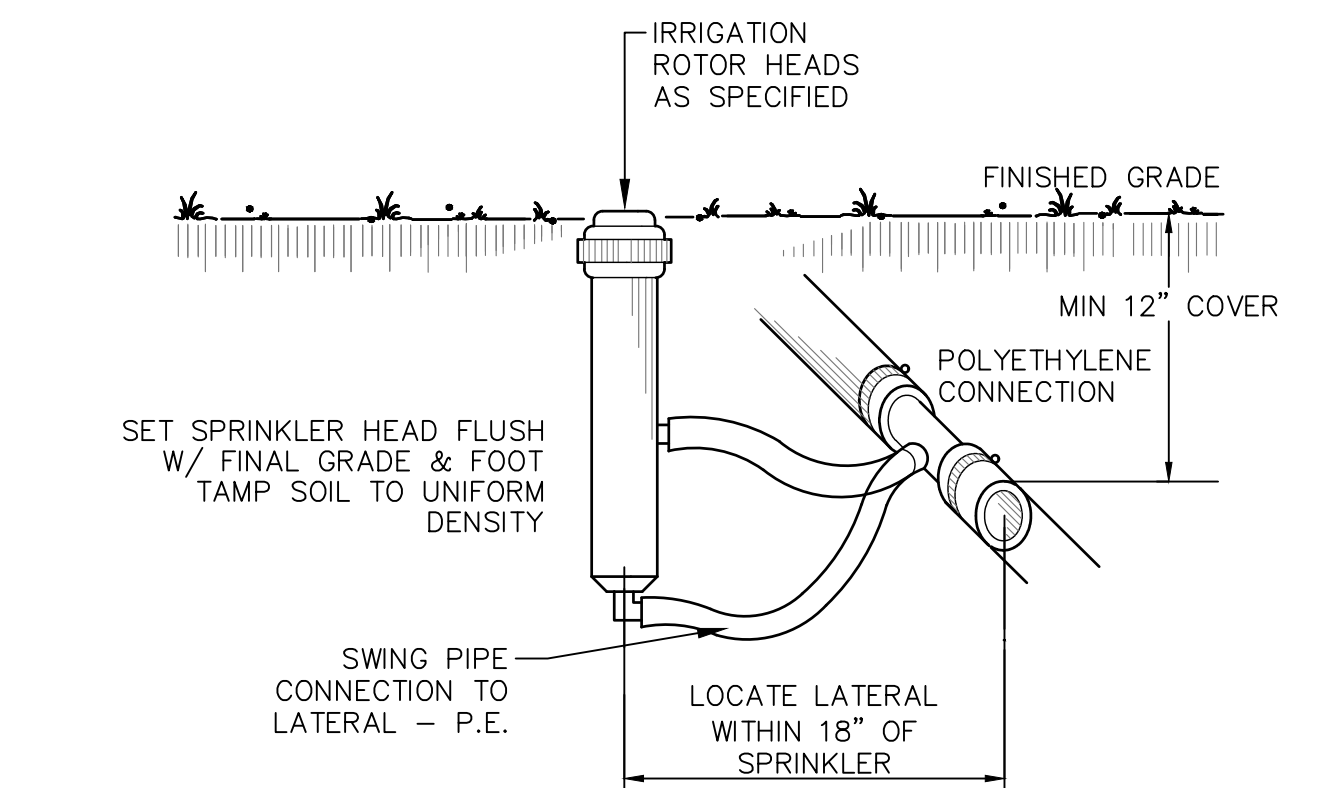
LOCATE SOLENOID STATION VALVE ASSEMBLY PER IRRIGATION PLAN  
NOTE: ALL WIRING & PLUMBING SHALL BE INSTALLED IN COMPLIANCE W/LOCAL CODES



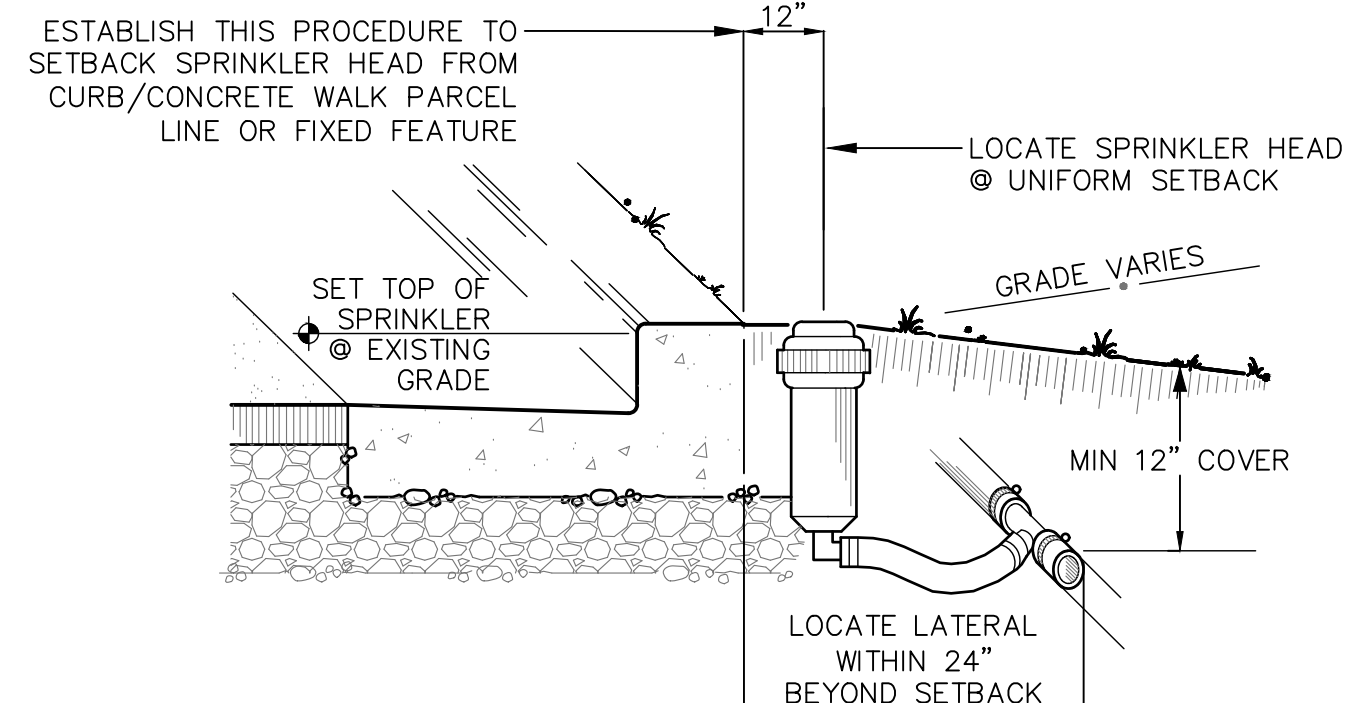
ALL CONNECTIONS TO LATERALS OR MAINS SHALL BE MADE TO THE SIDE OF PIPE

## 9 TYPICAL SOLENOID STATION VALVES

LOCATE SPRINKLER HEADS AS LAID-OUT PER IRRIGATION PLAN

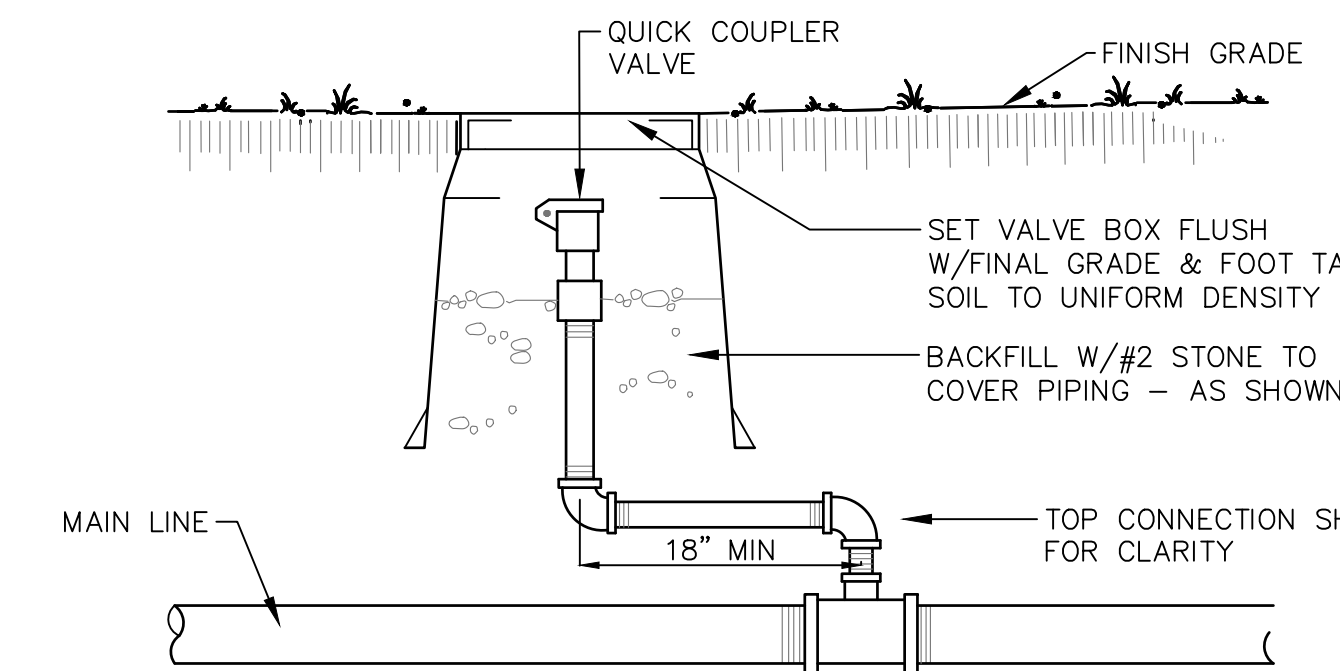


## 8 TYPICAL SPRAY/ROTOR DETAIL



## 7 SPRINKLER SETBACK DETAIL

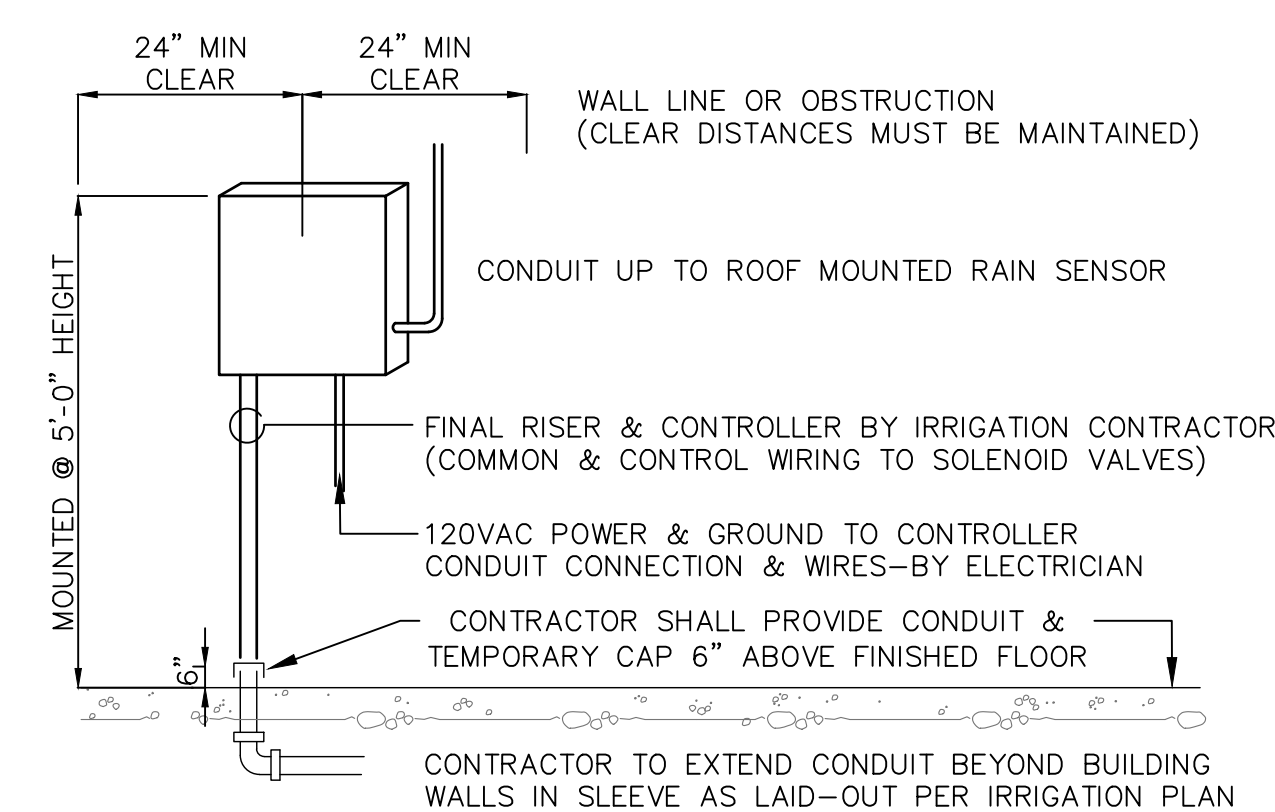
LOCATE QUICK COUPLER VALVE AS LAID-OUT PER IRRIGATION PLAN



ALL CONNECTIONS TO MAINS SHALL BE MADE TO THE SIDE OF PIPE

## 6 QUICK COUPLER VALVE DETAIL

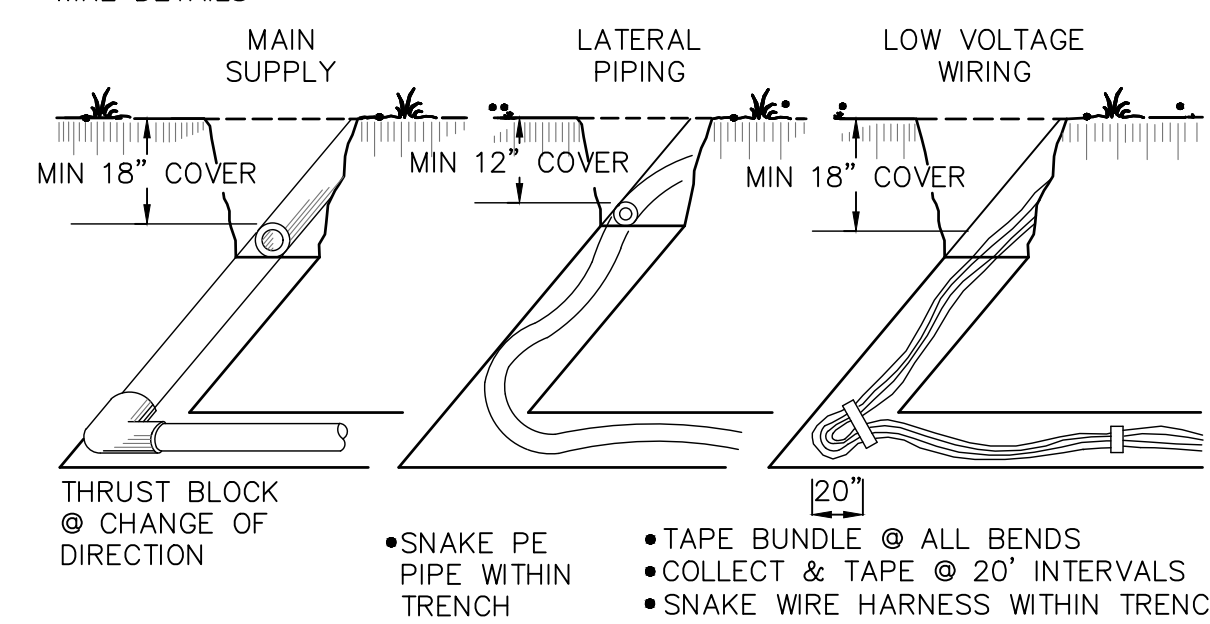
SYSTEM CONTROLLER TO BE WALL-MOUNTED IN APPROVED LOCATION WITHIN BUILDING  
NOTE: ALL WIRING SHALL BE INSTALLED PER LOCAL CODES & CONTROLLER MFR



## 5 CONTROLLER MOUNTING DETAIL

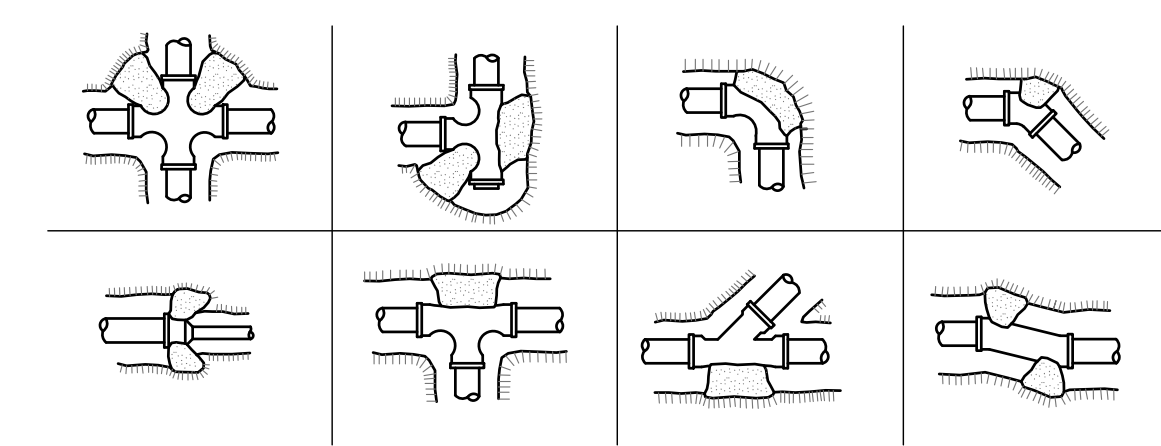
CONTROLLER SHALL BE RAINBIRD ESP-4M

IRRI. CONTRACTOR SHALL LOCATE BURIED UTILITIES PRIOR TO TRENCHING  
SEE ALSO: TYPICAL THRUST BLOCK/CROSSING DETAILS/PIPE & WIRE DETAILS



## 4 MINIMUM TRENCHING STANDARDS

IRRIGATION CONTRACTOR :LOCATE BURIED UTILITY SERVICES PRIOR TO TRENCHING



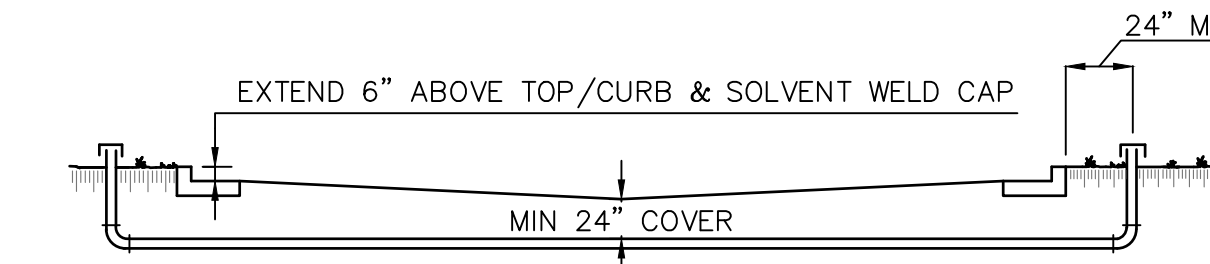
THRUST BLOCKS ARE REQUIRED AT ALL FIELD CONDITIONS AS LAID-OUT ABOVE THRU-OUT THE ENTIRE MAINLINE & ALL PVC PIPING

## 3 THRUST BLOCK STANDARDS

GENERAL CONTRACTOR: INSTALL SLEEVES PRIOR TO PAVING

- PROVIDE PIPE TWICE THE DIAMETER AS SHOWN FOR PLUMBING SYSTEMS
- PROVIDE ADDITIONAL PIPE OF 3" DIAMETER FOR LOW VOLTAGE WIRING

NOTE: ALL SLEEVES SHALL BE OF HI-IMPACT/TYPE 2110/SCHEDULE 40/PVC PIPE



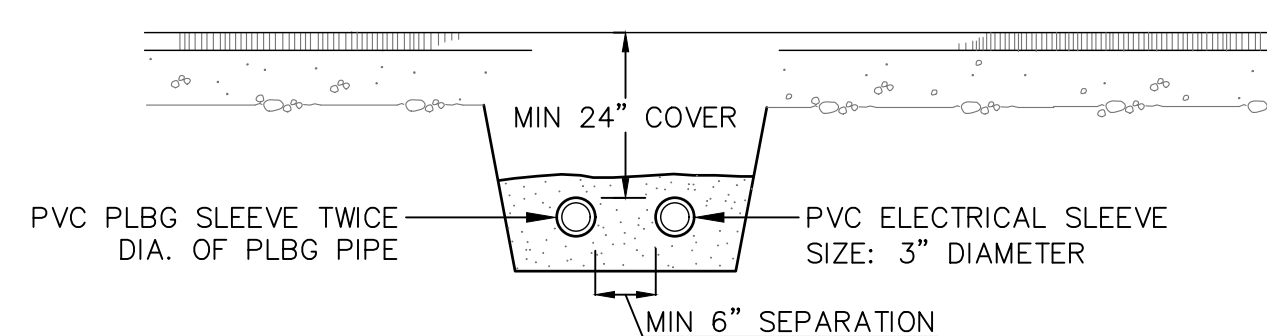
IRRIGATION CONTRACTOR SHALL REMOVE TEMPORARY ELL/RISER/CAP PRIOR TO CONTINUATION OF PLUMBING & ELECTRICAL SERVICES

## 2 CROSSING @ PAVED SURFACES

REFER TO GRADING & IRRIGATION PLAN FOR ELEVATION OF LINE AT CROSSING. NOT ALL CROSSINGS ARE WITHIN 24" OF SURFACE.

GENERAL CONTRACTOR :INSTALL SLEEVES PRIOR TO PAVING/ CONCRETE FINISHING

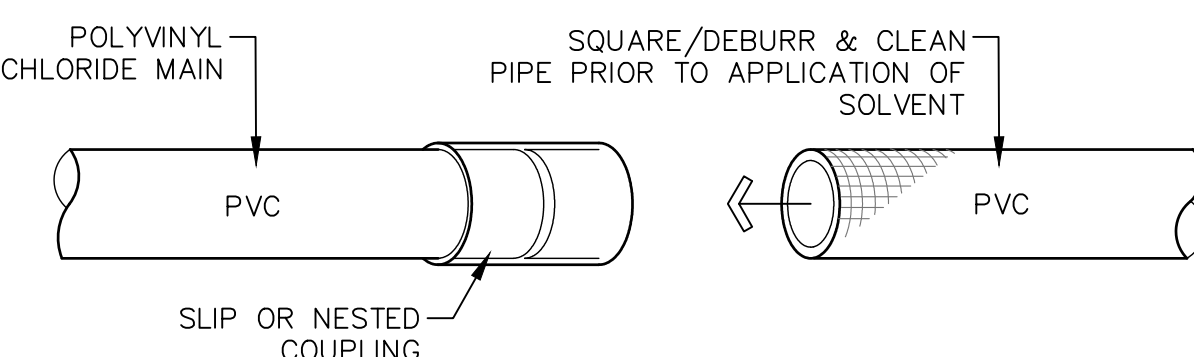
NOTE: ALL SLEEVES SHALL BE OF HI-IMPACT/TYPE 2110/SCHEDULE 40/PVC PIPE



SET PVC PIPES ON MIN 6" SAND COURSE @ 24" MIN COVER BENEATH PAVING. COMPACT SAND COURSE TO 95% PROCTOR & COVER 3" MIN SAND ABOVE PIPES

## 1 PIPING DETAIL BENEATH PAVING

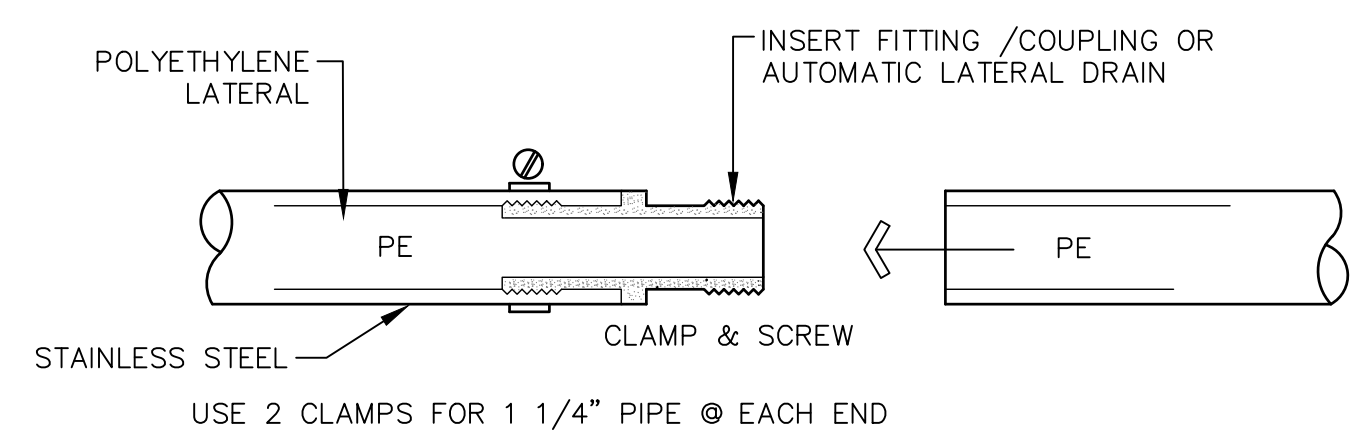
COMPLETE ONE END CONNECTION PRIOR TO STARTING SECOND WELD CONNECTION  
• ALLOW SOLVENT WELD TO CURE FOR 1 HOUR BEFORE USE OR MOVEMENT  
• WAIT 24 HOURS BEFORE PLACING WELD JOINT UNDER WATER PRESSURE



## 14 SOLVENT WELD CONNECTION @PVC

USE PVC PIPE FOR MAINS & ALL PIPING GREATER THAN 1 1/4" DIA

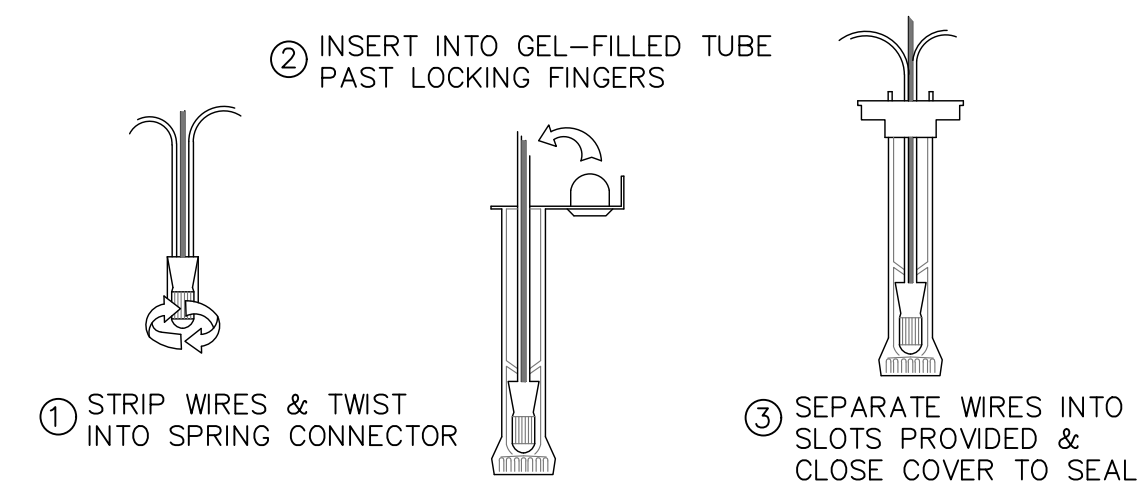
COMPLETE FIRST CLAMP CONNECTION PRIOR TO STARTING SECOND CONNECTION PIPE MAY BE PLACED UNDER WATER PRESSURE IMMEDIATELY AFTER CLAMPING



## 13 CLAMP CONNECTION @ PE LATERAL

USE PE PIPE FOR LATERALS & ALL PIPING UP TO 1 1/4" DIA.

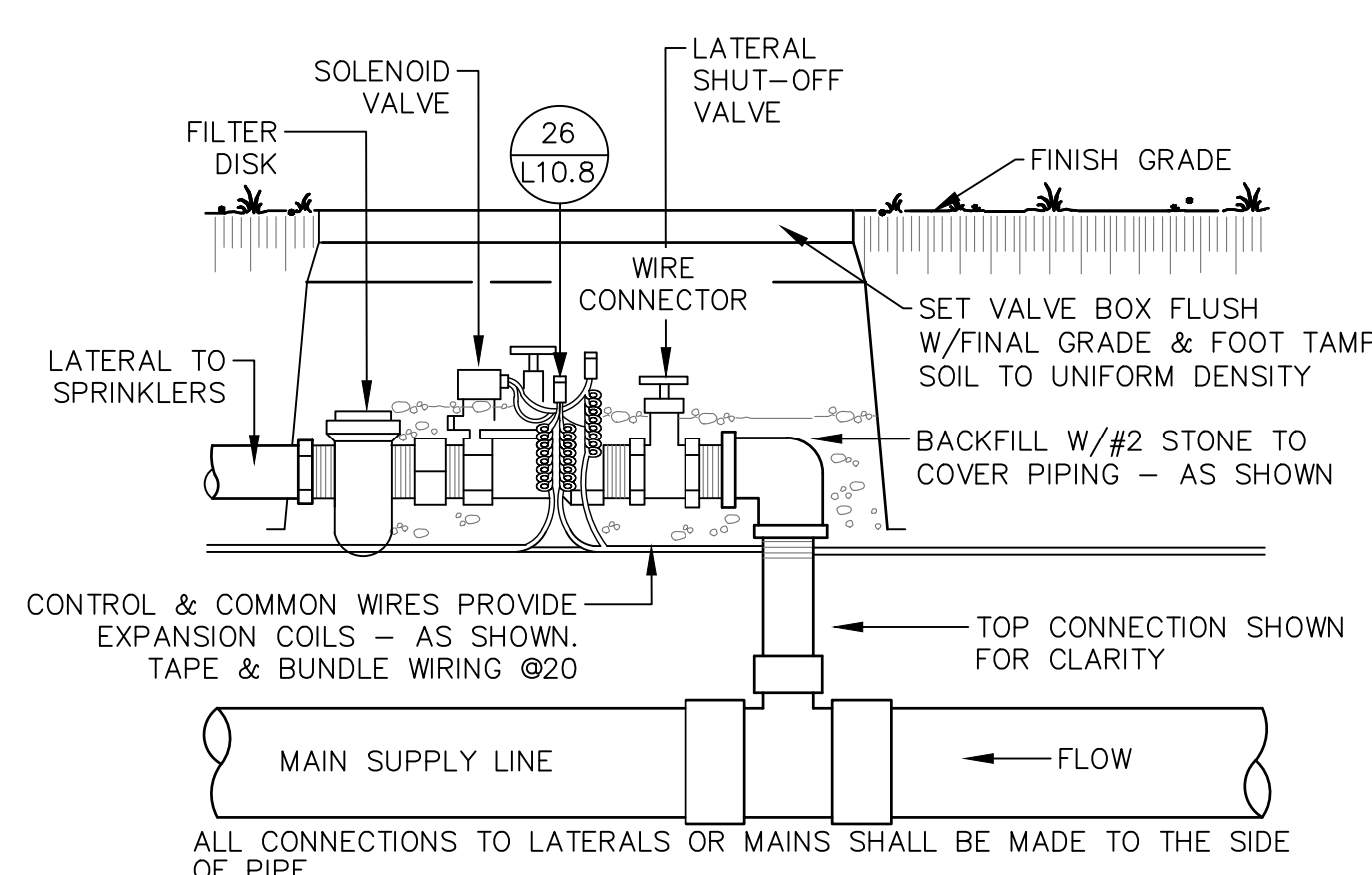
THIS DIRECT BURY SPLICE SYSTEM IS 'UNDERWRITERS LAB' APPROVED UP TO 30VDC



NO CURE TIME IS REQUIRED--WIRING MAY BE PLACED ON-LINE IMMEDIATELY

## 12 LOW-VOLTAGE WIRING SPLICE

NOTE: ALL WIRING & PLUMBING SHALL BE INSTALLED IN COMPLIANCE W/LOCAL CODES  
LOCATE SOLENOID STATION VALVE ASSEMBLY PER IRRIGATION PLAN



ALL CONNECTIONS TO LATERALS OR MAINS SHALL BE MADE TO THE SIDE OF PIPE

## 11 SOLENOID STATION VALVES FOR DRIP SYSTEM

NOTICE:  
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

DISCLAIMER:  
The underground utilities shown have been located from field survey information and existing drawings. GRAEF makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. GRAEF further does not warrant that the underground utilities shown are in the exact location indicated. GRAEF has not physically located the underground utilities.



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Revisions

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SCOPE DOCUMENTS

Drawing Date  
03/28/2025

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LA CROSSE HOSPITAL  
EXPANSION



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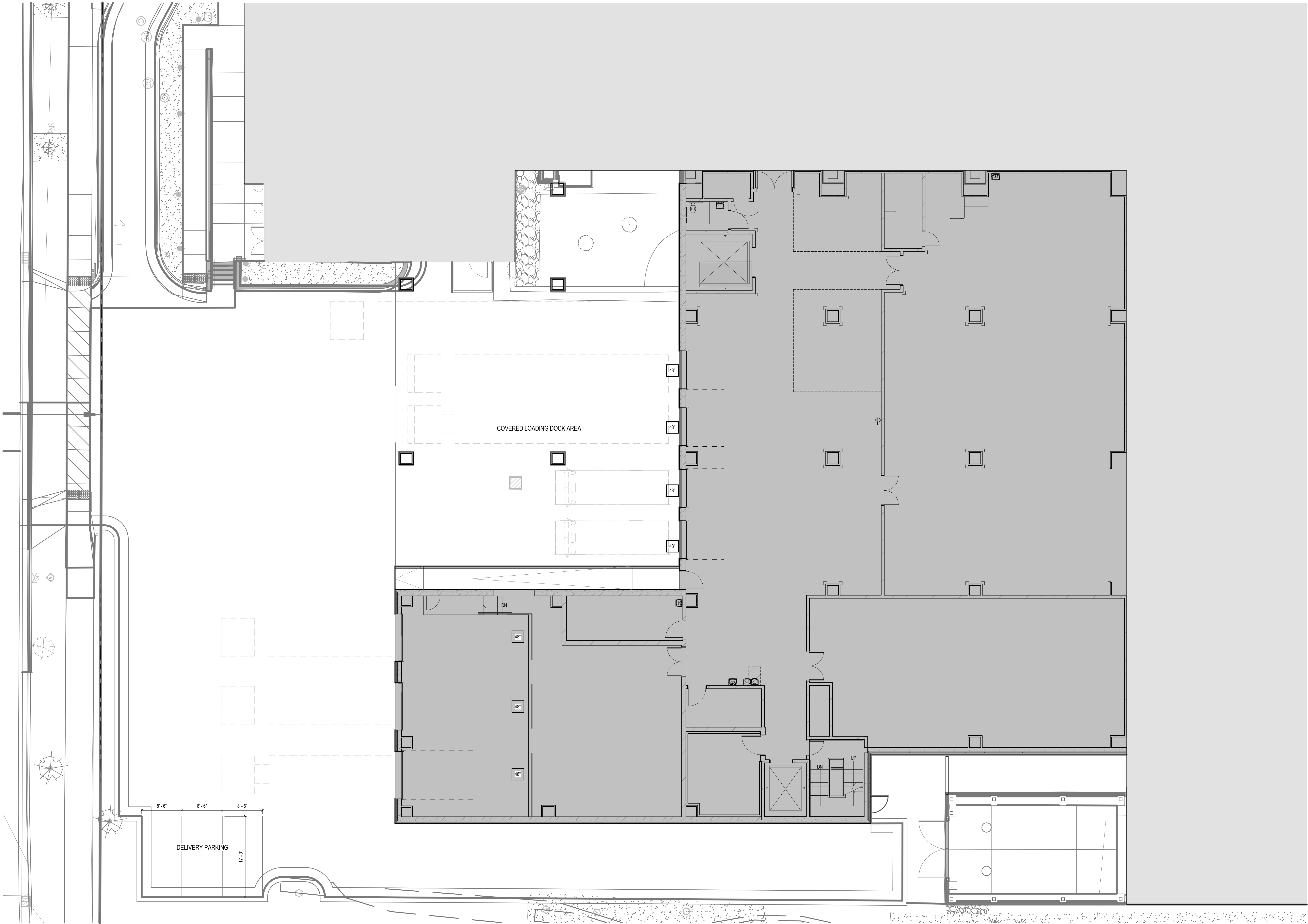
Project No. 224044.02 Owner LALH24C001

Sheet Title

ARCHITECTURAL SITE  
PLAN

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Sheet No.  
AS101



1 ARCHITECTURAL SITE PLAN  
1/8" = 1'-0"



## Revisions

## COMMERCIAL DESIGN REVIEW

## SCOPE DOCUMENTS

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Project No.	Owner
224044.02	LALH24C001

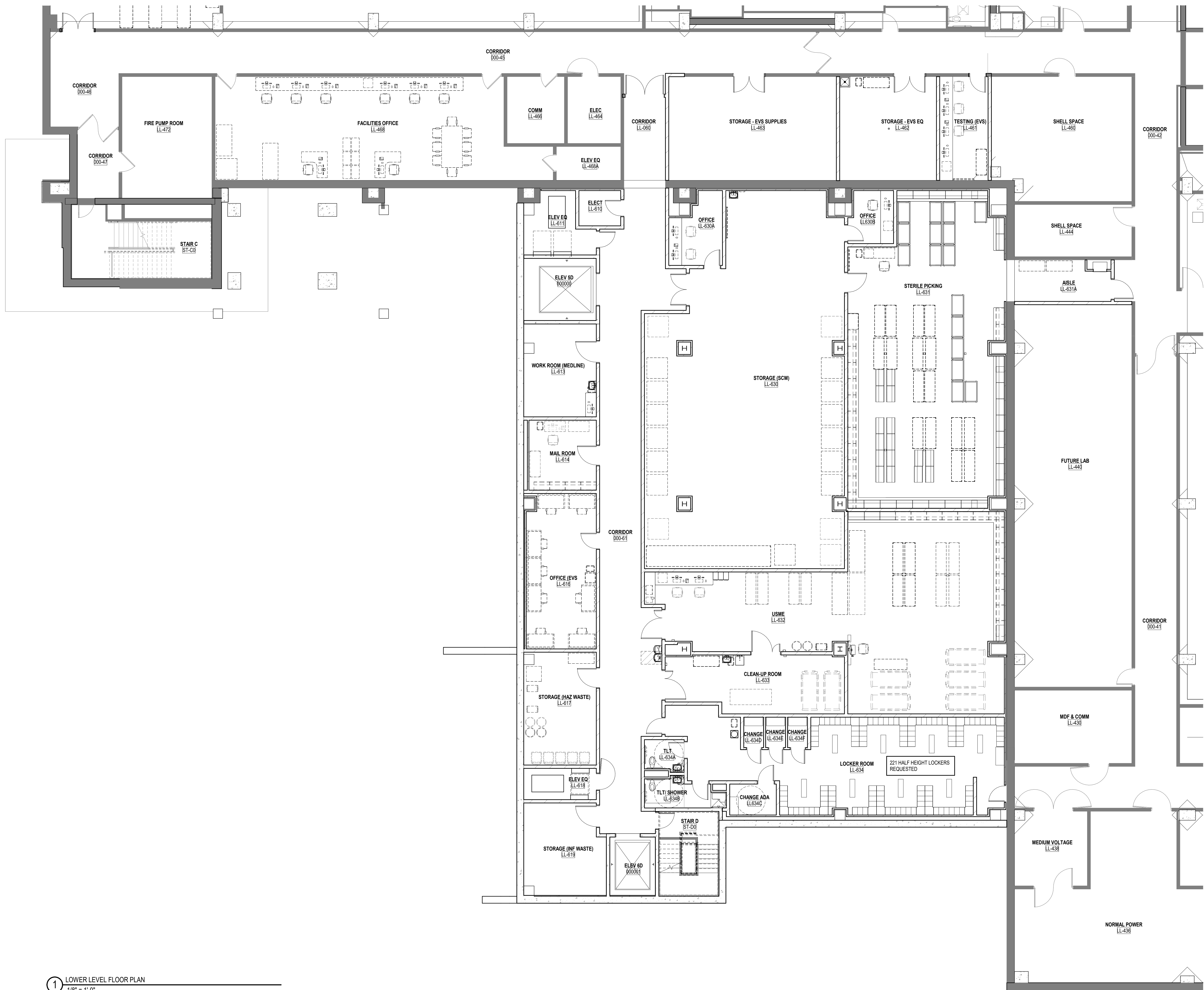
Sheet Title

## LOWER LEVEL FLOOR PLAN

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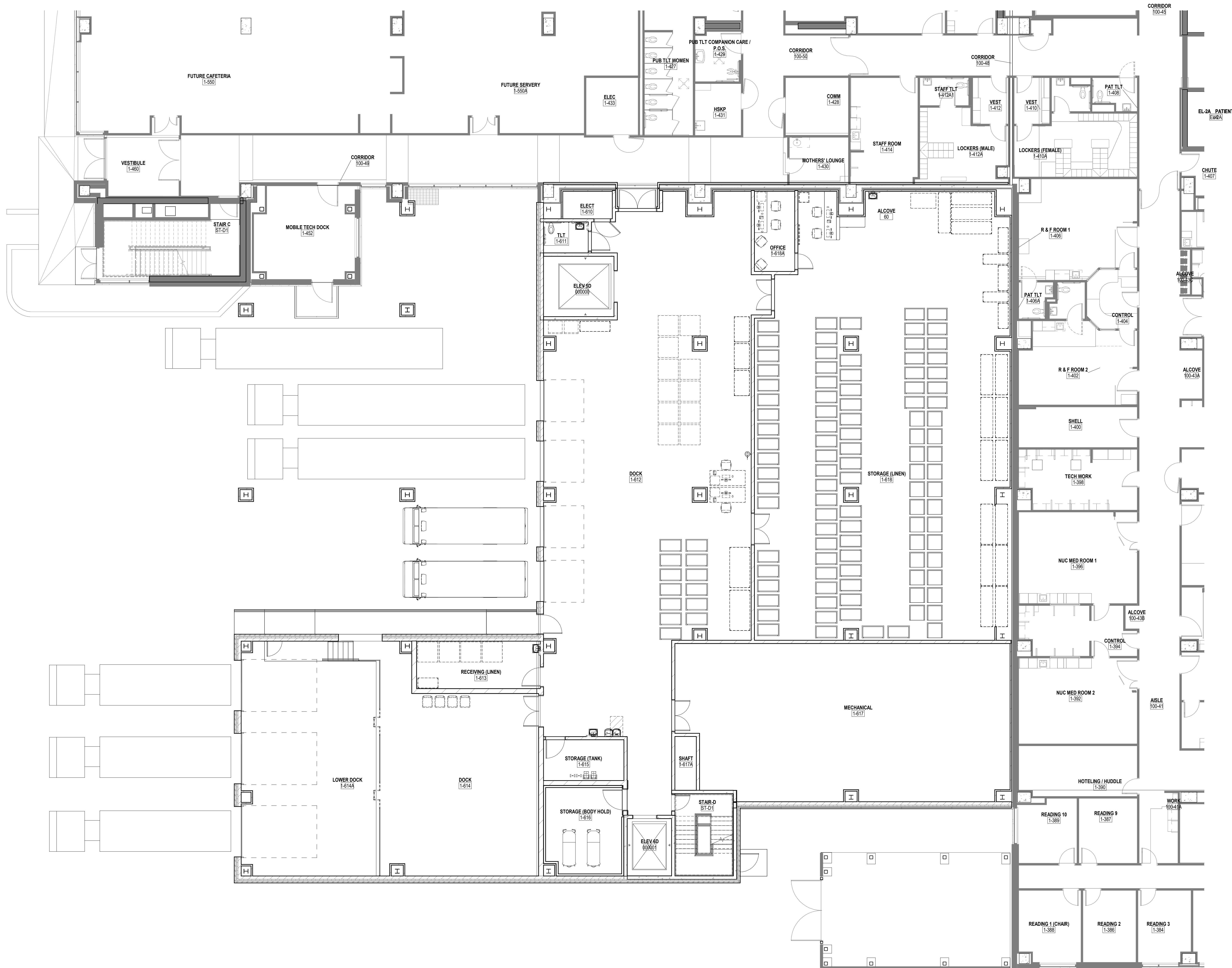
Sheet No.

AR110



1 LOWER LEVEL FLOOR PLAN  
1/8" = 1'-0"





1 FIRST FLOOR PLAN  
1/8" = 1'-0"

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MAYO CLINIC  
HEALTH SYSTEM

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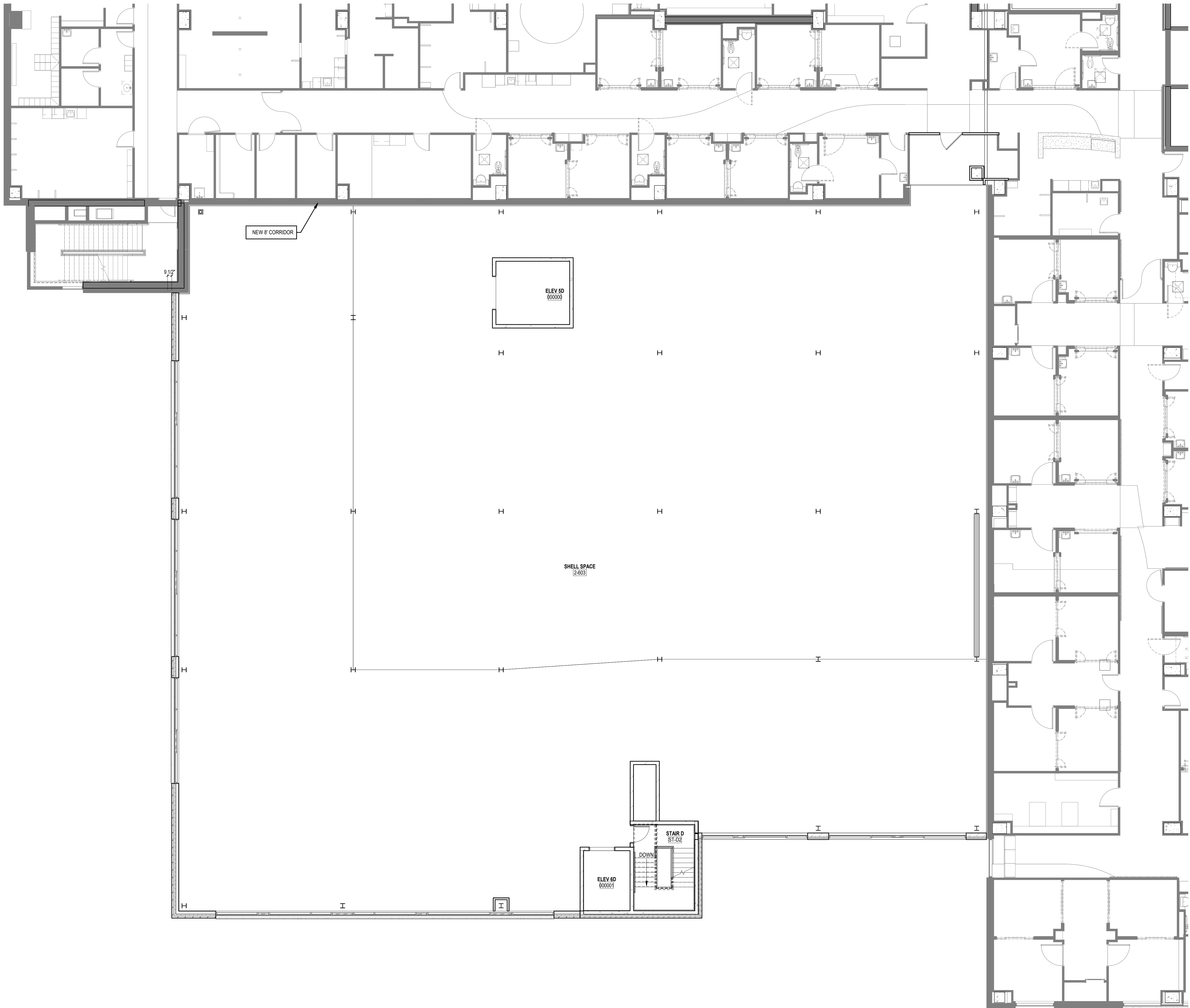
FIRST LEVEL FLOOR  
PLAN

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1 THIRD FLOOR PLAN  
1/8" = 1'-0"

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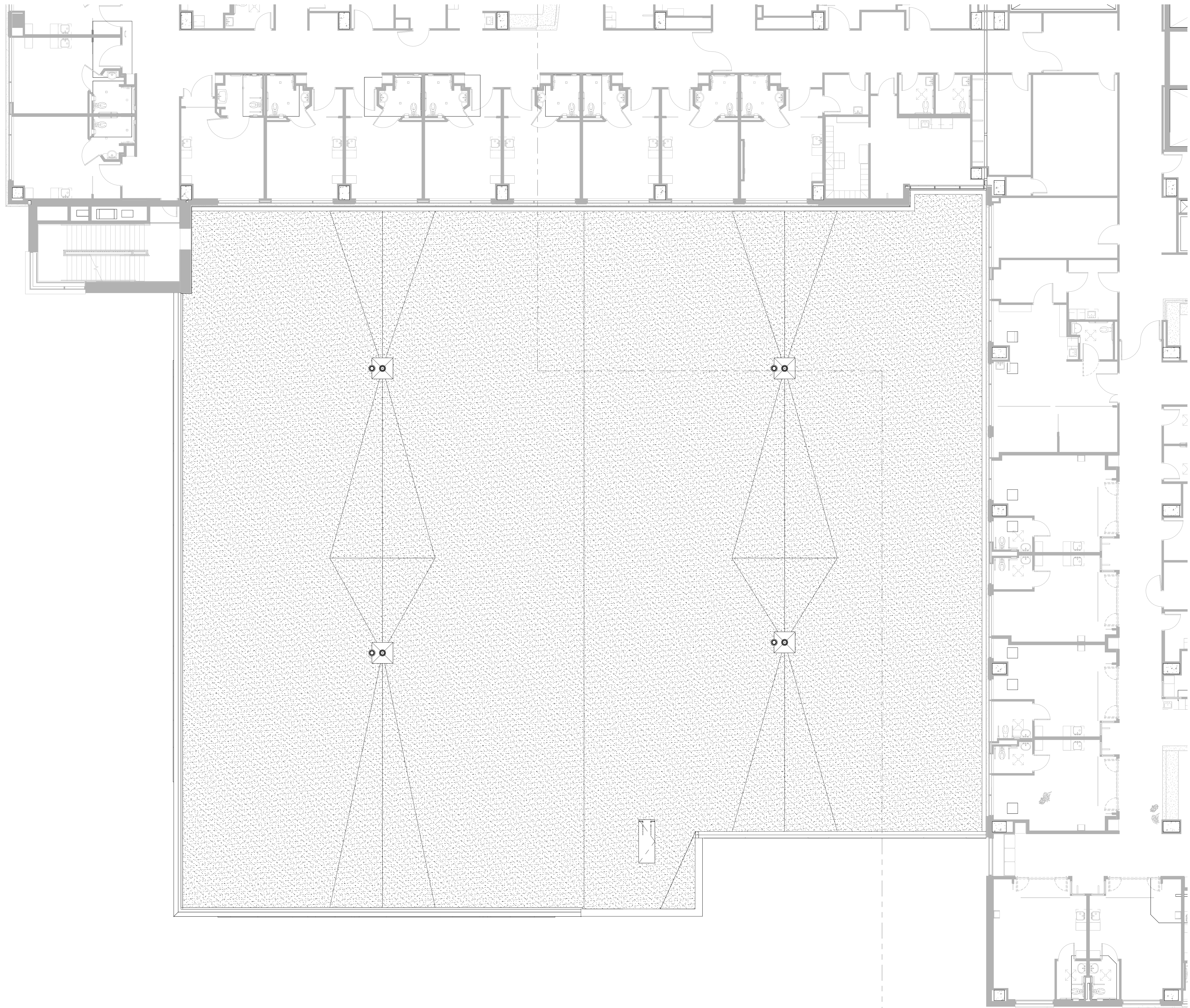
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Project No. 224044.02  
Owner LALH24C001

Sheet Title  
THIRD LEVEL FLOOR  
PLAN



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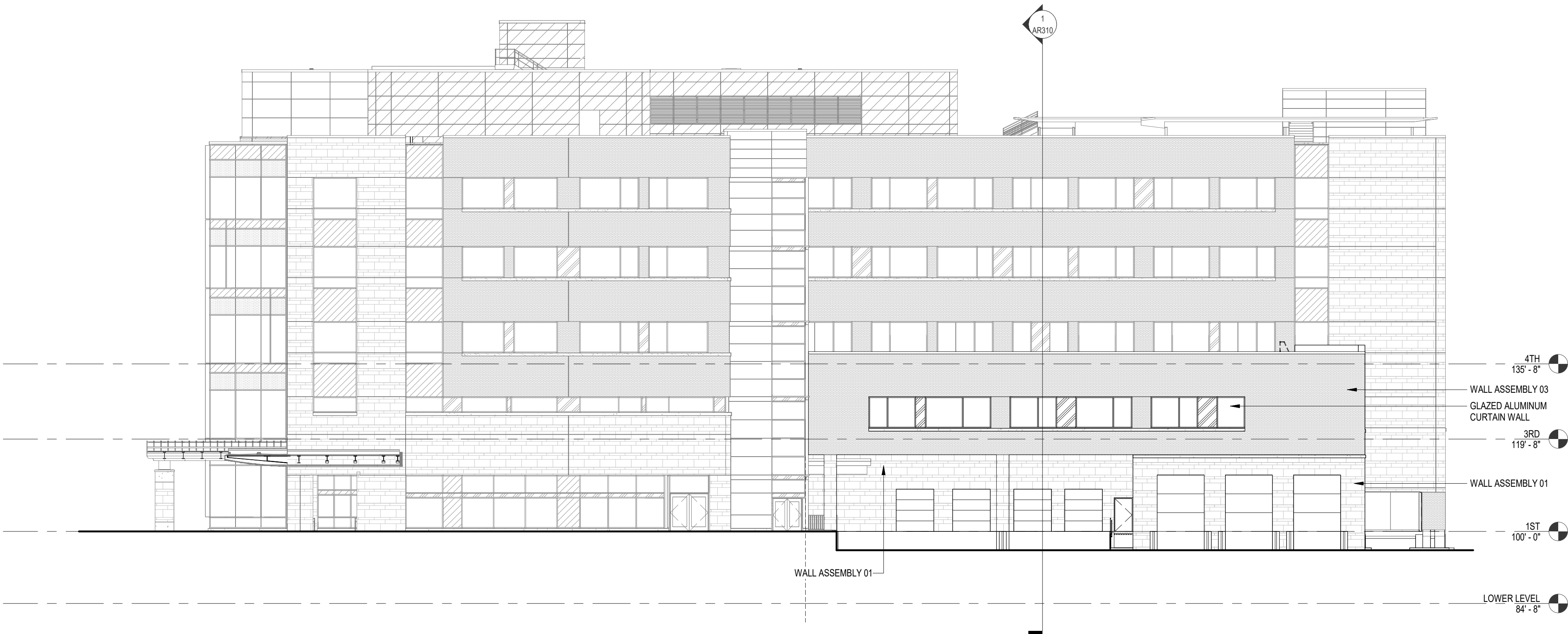
Sheet Title  
ROOF PLAN



EXTERIOR ELEVATION GENERAL NOTES

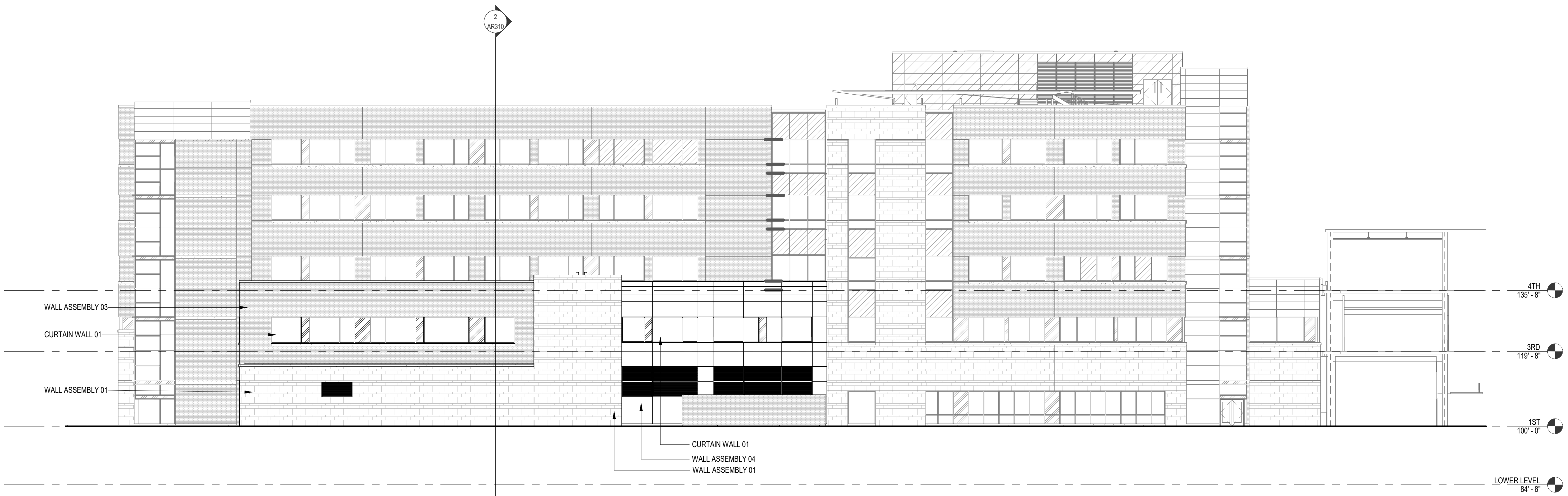
1. ALL METAL SURFACES EXPOSED TO VIEW (INCLUDING MISCELLANEOUS METALS, PIPING, MECHANICAL EQUIPMENT, LADDERS, STAIRS, RAILING, COLUMNS, PLATFORMS, ETC.) SHALL BE PAINTED, U.N.O.
2. WINDOWS ARE ALUMINUM STOREFRONT U.N.O.
3. CONTROL JOINTS IN CMU BACKUP TO BE OFFSET FROM CONTROL JOINTS IN MASONRY/STONE VENEER. CONTROL JOINTS AT CMU BACKUP MAXIMUM 25' SPACING.
4. PROVIDE CONTROL JOINTS AT INSIDE CORNERS OF BRICK AND STONE VENEERS.

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2 EXTERIOR ELEVATION  
1/16" = 1'-0"

Revisions



1 EXTERIOR ELEVATION  
1/16" = 1'-0"

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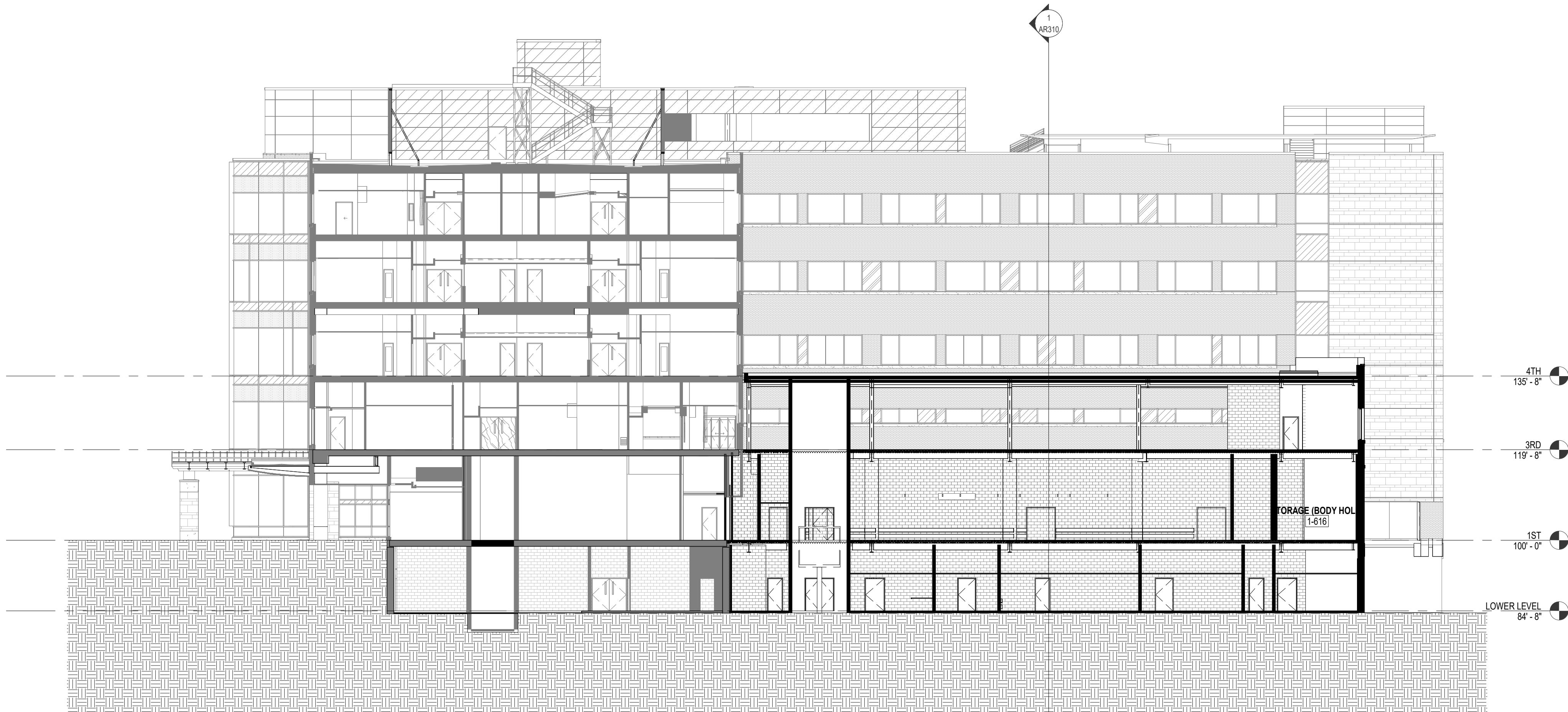
EXTERIOR ELEVATIONS

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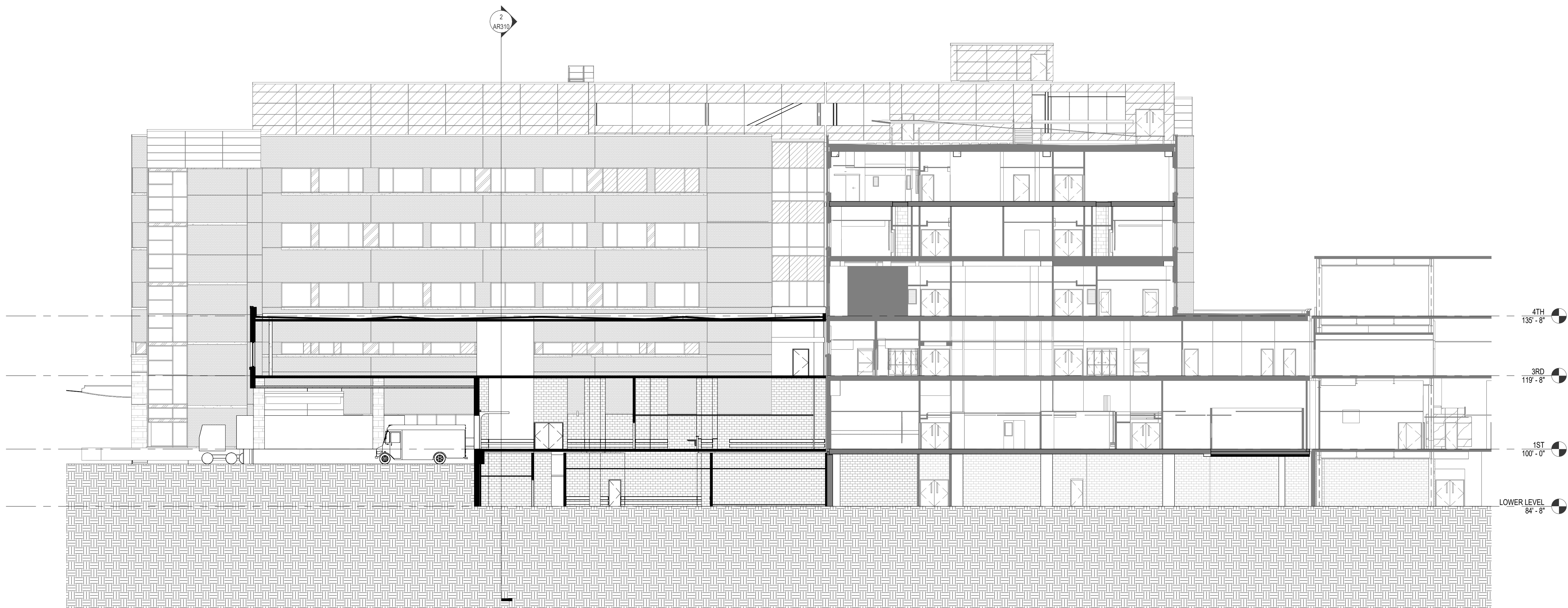
Sheet No.  
AR200



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2 BUILDING SECTION  
1/16" = 1'-0"



1 BUILDING SECTION  
1/16" = 1'-0"

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BUILDING SECTION

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AR310



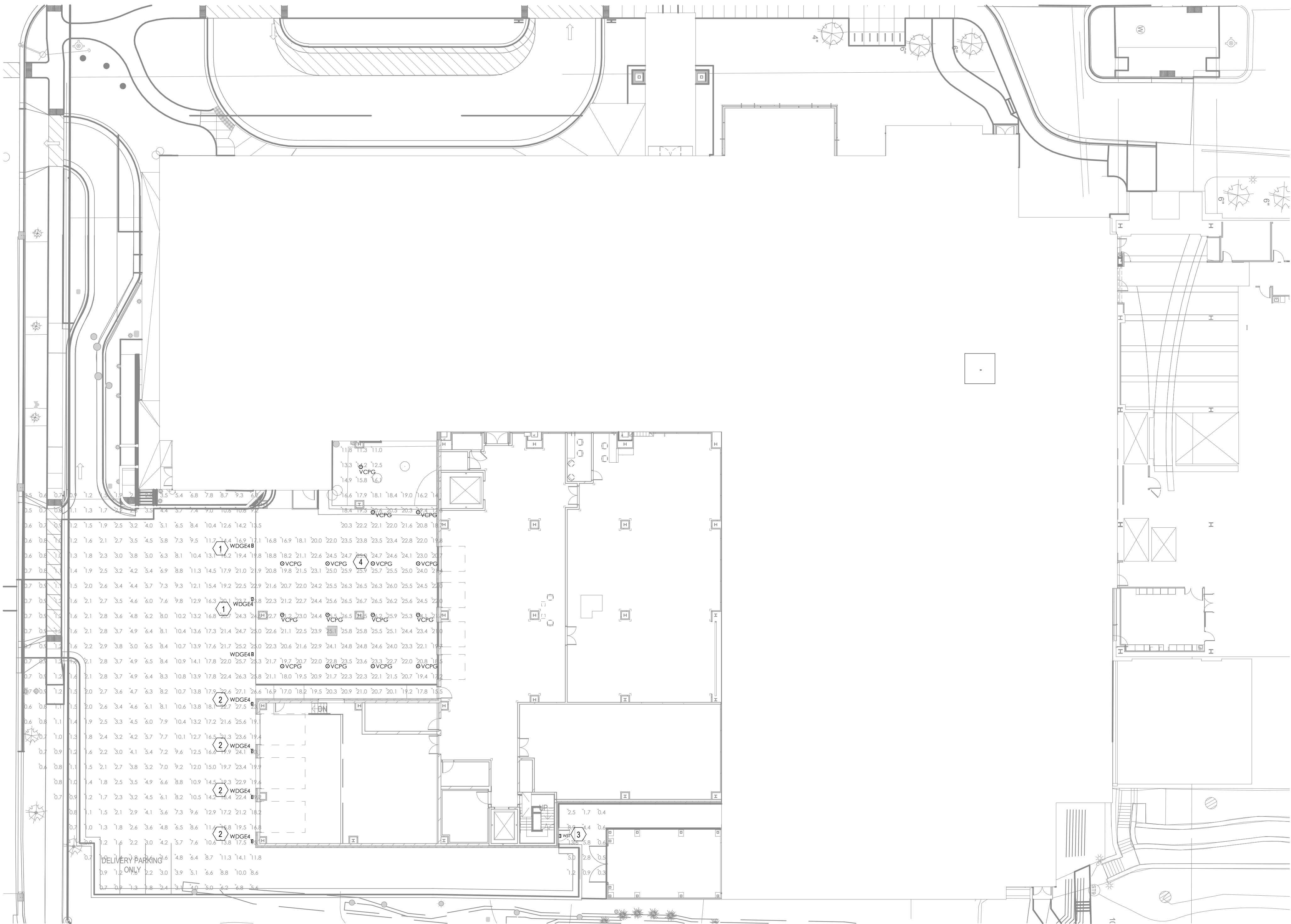
SHEET NOTES

A. LIGHTING WAS DESIGNED TO IES RECOMMENDED LIGHT LEVELS FOR LOADING DOCK AREAS.

KEYNOTES

- BOTTOM OF FIXTURE MOUNTED 20'-6" ABOVE FINISHED GROUND.
- BOTTOM OF FIXTURE MOUNTED 15'-0" ABOVE FINISHED GROUND.
- BOTTOM OF FIXTURE MOUNTED 7'-6" ABOVE FINISHED GROUND.
- FIXTURE MOUNTED TO UNDERSIDE OF BUILDING OVERHANG, TYPICAL.

NOT FOR  
CONSTRUCTION



Luminaire Schedule						
Symbol	Qty	Label	Description	Tag	LLF	Luminaire Lumens
○	15	VCPG LED P6 40K 15W MVOLT	VCPG LED P6 40K 15W MVOLT	VCPG	0.850	13757
□	1	WST LED P1 40K VW MVOLT	WST LED P1 40K VW MVOLT	WST	0.850	1659
■	7	WDGE4 LED P1 70CR RPT 40K	WDGE4 LED P1 70CR RPT 40K	WDGE4	0.850	12050

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
GROUND_GROUND	Illuminance	Fc	11.43	27.5	0.3	38.10	91.67

1 SITE LIGHTING PHOTOMETRICS PLAN  
1" = 20'-0"

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SITE LIGHTING  
PHOTOMETRICS PLAN