

- CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
   ALL DEMOLITION MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER EXCEPT FOR THOSE ITEMS NOTED TO BE SALVAGED, WHICH SHOULD BE TURNED OVER TO THE OWNER.
   INSTALL AND MAINTAIN ALL REQUIRED EROSION CONTROL MEASURES FOR PERIMETER PROTECTION PRIOR TO
- THE START OF DEMOLITION/CONSTRUCTION, IN ACCORDANCE WITH THE LOCAL AND STATE GOVERNING AUTHORITIES.

  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

UTILITY COMPANY.

20. REMOVE EXISTING HANDRAIL

21. REMOVE EXISTING BOLLARD

23. REMOVE EXISTING GENERATOR

25. REMOVE EXISTING HVAC UNIT

27. REMOVE EXISTING ELECTRICAL

WITH UTILITY COMPANY.

28. REMOVE EXISTING TANK

29. REMOVE EXISTING PILLAR

30. REMOVE EXISTING RETAINING WALL

31. REMOVE EXISTING STORM SEWER

32. MAINTAIN EXISTING STORM SEWER

MANHOLE AND/OR STORM PIPE

MANHOLE AND/OR STORM PIPE

COMPANY.

COMPANY.

COMPANY.

GRADE ELEVATION. SEE SHEET C3.0.

COORDINATE ANY ADJUSTMENT WITH

22. REMOVE EXISTING FIBER OPTIC SERVICE.

COORDINATE REMOVAL WITH UTILITY

24. REMOVE EXISTING GAS SERVICE AND/OR

METER. COORDINATE WITH UTILITY

26. REMOVE EXISTING ELECTRICAL SERVICE.

COORDINATE REMOVAL WITH UTILITY

TRANSFORMER, COORDINATE REMOVAL

#### KEYNOTES:

1. SAWCUT EXISTING CONCRETE WALK

19. MAINTAIN EXISTING FIBER OPTIC SERVICE

& BOX. ADJUST TOP OF BOX TO FINISH

ALL WORK WITH NEIGHBORING PROPERTY OWNERS.

- 2. SAWCUT EXISTING ASPHALT PAVEMENT
- 3. SAWCUT & REMOVE EXISTING CONCRETE CURB & GUTTER
- 4. SAWCUT EXISTING CONCRETE CURB HEAD
- 5. MAINTAIN EXISTING SIGN
- IIII III EXIOTII O CICI

6. REMOVE EXISTING SIGN

TREE/VEGETATION

- 7. MAINTAIN & PROTECT EXISTING SIGN
- 8. CLEAR & GRUB EXISTING
- 9. MAINTAIN EXISTING CONCRETE WALK
- 10. REMOVE EXISTING OVERHEAD POWER,
- 11. REMOVE EXISTING FENCE & GATE

REMOVALS WITH UTILITY COMPANY.

POWER POLE, GUY WIRE. COORDINATE

- 12. MAINTAIN EXISTING UTILITY MANHOLE.
- ADJUST RIM TO FINISH GRADE ELEVATION.
  SEE SHEET C3.0. COORDINATE
  ADJUSTMENT WITH UTILITY COMPANY.
- 13. REMOVE EXISTING CONCRETE STAIRS
- 14. REMOVE EXISTING BASKETBALL HOOP
- 15. REMOVE EXISTING PLAYGROUND EQUIMPMENT
- 16. REMOVE EXISTING BIKE RACK
- 17. REMOVE EXISTING GARDEN AREA

MULCH, EDGING, FABRIC, ETC.

- 18. REMOVE EXISTING LANDSCAPE AREA, INCLUDING, NOT LIMITED TO PLANTINGS,
- 34. MAINTAIN EXISTING SANITARY SEWER PIPE

33. REMOVE AC UNIT

AND/OR CLEANOUT

- 35. REMOVE EXISTING VENT PIPE
- 36. REMOVE EXISTING BIRD HOUSE37. REMOVE EXISTING BENCH
- 38. REMOVE EXISTING BRICK AREA
- 39. REMOVE EXISTING CABLE BOX—
  COORDINATE REMOVAL WITH UTILITY
  COMPANY
- 40. REMOVE EXISTING FIBER OPTIC BOX-COORDINATE REMOVAL WITH UTILITY
- COMPANY
- 41. MAINTAIN & PROTECT EXISTING TREE
- ADJUST RIM AS NEEDED TO FINISH GRADE ELEVATION

43. MAINTAIN EXISTING STORM MANHOLE-

42. MAINTAIN EXISTING SANITARY MANHOLE-

- ADJUST RIM AS NEEDED TO FINISH GRADE ELEVATION
- 44. MAINTAIN EXISTING CONCRETE CURB &
- 45. REMOVE & RELOCATE EXISTING SANITARY
- CLEANOUT
- 46. REMOVE AND REPLACE EXISTING
  CONCRETE AT THE BASE OF THE WATER

FOUNTAIN, WATER FOUNTAIN TO BE MAINTAINED

## **DEMOLITION HATCH PATTERNS:**

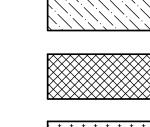
#### BITUMINOUS REMOVAL



CONCRETE REMOVAL



BUILDING REMOVAL



### CIVIL SHEET INDEX:

C1.0 DEMOLITION PLAN C2.0 LAYOUT PLAN

C3.0 GRADING PLAN C4.0 EROSION CONTROL PLAN C5.0 UTILITY PLAN

L1.0 LANDSCAPE PLAN

C6.0 DETAILS
C6.1 DETAILS

C6.2 DETAILS C6.3 DETAILS

# BENCHMARK: UTI

#### ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM.

BENCHMARK#1 NORTHWEST FLANGE BOLT ON HYDRANT, LOCATED AT THE NORTHEAST QUADRANT OF THE INTERSECTION OF MISSISSIPPI STREET AND 19TH STREET SOUTH.

# ELEVATION = 673.19 BENCHMARK #2

BENCHMARK #4

NORTHEAST FLANGE BOLT ON HYDRANT,
LOCATED AT THE NORTHWEST QUADRANT OF THE
INTERSECTION OF MISSISSIPPI STREET AND
EAST AVENUE SOUTH.
ELEVATION = 673.67

BENCHMARK#3

NORTHEAST FLANGE BOLT ON HYDRANT,
LOCATED AT THE NORTHWEST CORNER OF THE
INTERSECTION OF EAST AVENUE SOUTH AND
WINNEBAGO STREET.
ELEVATION = 673.34

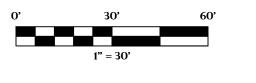
BURY BOLT ON HYDRANT, LOCATED AT THE NORTHEAST CORNER OF THE INTERSECTION OF 19TH STREET SOUTH AND WINNEBAGO STREET. ELEVATION = 671.92

# **UTILITY DISCLAIMER:**

THE LOCATIONS, SIZES, AND TYPES OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES OR SUBSTRUCTURES SHOW HEREON WERE OBTAINED FROM VISUAL INSPECTION, FIELD MEASUREMENTS, AND/OR AS-BUILT PLANS. SANITARY SEWER AND STORM SEWER PIPE SIZES, INVERTS, DIRECTION, AND LOCATIONS BETWEEN MANHOLES ARE SUPPLEMENTED BY AS-BUILT PLANS AND/OR ESTIMATED BASED ON FIELD OBSERVATIONS. PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES SHOWN HEREON, IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND SIZES BE FIELD VERIFIED. THE LOCATIONS SHOWN HEREON ARE ONLY APPROXIMATE, WITH POSSIBILITY THAT ADDITIONAL UTILITY LINES NOT DISCOVERED, OR MARKED, DURING THE SEARCH OF RECORDS AND THE FIELD SURVEY MAY EXIST. ANY CONTRACTOR USING THE INFORMATION SHOWN HEREON IS HEREBY FOREWARNED THAT ANY EXCAVATION UPON THIS SITE MAY RESULT IN THE DISCOVERY OF ADDITIONAL

UNDERGROUND UTILITIES NOT SHOWN HEREON. IN GENERAL, UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITY MARKINGS, BY OTHERS, AND/OR AS—BUILT PLANS, PROVIDED BY OTHERS. POINT OF BEGINNING MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THE EXISTING UTILITIES SHOWN HEREON, AND BELIEVES THAT THE INFORMATION CONTAINED HEREIN IS RELIABLE

AND GENERALLY ACCURATE FOR THE PURPOSE INTENDED.



Sheet Number:

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Project Number:

Issued For:

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**DOCUMENTS** 

10/28/2025

Sheet Title:

**Demolition Plan** 



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www.brayarch.com

Point of Beginning
Civil Engineering
Land Surveying
Landscape Architecture
4941 Kirschling Court

Landscape Architecture

4941 Kirschling Court
Stevens Point, WI 54481
715.344.9999 (Ph)
715.344.9922 (Fx)

W BUILDING FOR:
W ELEMENTARY SCHOOL
CROSSE SCHOOL DISTRICT
'EAST AVE S.
CROSSE, WI 54601

REVISIONS:

DATE DESCRIPTION

- CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK. GRADE, LINE, AND LEVEL TO BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER. ALL REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH
- LOCAL MUNICIPAL AND DEPARTMENT OF NATURAL RESOURCES REGULATIONS. 4. SEE SHEET C4.0 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. . VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF DEMOLITION/CONSTRUCTION. BIDDERS SHALL VISIT THE SITE AND REVIEW EXISTING CONDITIONS PRIOR TO THE BID DATE.
- 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 OR AS APPROVED BY THE CONSTRUCTION MANAGER.
- 12. ALL GENERAL LANDSCAPE AREAS SHALL BE SEEDED, FERTILIZED, AND CRIMP HAY MULCHED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

### PAVEMENT HATCH PATTERNS:

ASPHALT PAVEMENT C6.0 PROPOSED STANDARD CONCRETE PAVEMENT COLOR CONCRETE TYPE 1 COLOR: 'DARK GREY' BY DAVIS COLORS

FINISH: LIGHT SAND BLAST

<u>2</u> <u>C6.0</u>

11 9 C6.0 C6.0

PROPOSED RUBBER SURFACE PLAY AREA (COURTYARD)

PROPOSED REINFORCED

CONCRETE PAVEMENT

PROPOSED WOOD CHIP

PLAY AREA

TO MEET CITY OF LA CROSSE STANDARDS SPECIFICATIONS AND DETAILS PROPOSED RUBBER SURFACE

PLAY AREA (OUTSIDE OF SCHOOL)

PROPOSED ASPHALT PAVEMENT-

C6.0 C6.0

- 1. FLAG POLE- AMERICAN BEACON 22. BENCH WALL - SEE ARCHITECTURAL EXTERNAL HALYARD SERIES 25' ANODIZED CLEAR FLAG POLE - -(OR APPROVED EQUAL) INSTALL PER C6.0
- 2. BENCH TYPE ZB.LE.02 CONCRETE TECH BENCH BY WAUSAU TILE, COLOR: A20 WHITE FINISH: WEATHERSTONE(B) OPTION:
- 3. CANOPY PILLAR- SEE ARCHITECTURAL
- 4. GENERATOR PAD -
- 5. REINFORCED CONCRETE BOLLARD-
- 6. GARDEN WALL SEE ARCHITECTURAL PLANS
- 7. 18" CONCRETE CURB &──
- 8. ADA PARKING SIGN -
- 9. ADA PARKING STALL-
- 10. PARKING LOT STRIPING -
- 12. BASKETBALL HOOP- KEEPER GOALS PRODUCT ALL-AMER-IN-GL 60" IN-GROUND BASKETBALL HOOP (OR APPROVED EQUAL) INSTALL PER MANUFACTURER'S RECOMMENDATIONS. VERIFY LOCATION W/OWNER PRIOR TO
- 13. PLAYGROUND STRIPING- 4" WIDE LINE, WHITE TRAFFIC PAINT (VERIFY LOCATION & DIMENSIONS W/OWNER
- 14. PLAY AREA CURBING (c6.0) 15. 6' TALL CHAIN LINK FENCING,
- 16. 12' SERVICE GATE, BLACK ← VINYL COATED
- VINYL COATED
- 19. DUMPSTER ENCLOSURE- SEE ARCHITECTURAL PLANS
- 21. CONCRETE CURB & GUTTER— TO 4
  MEET CITY OF LA CROSSE STANDARDS C6.3 SPECIFICATIONS AND DETAILS

- 23. 6" CURB HEAD TAPER SECTION -24. THICKENED EDGE WALK
- 26. CONCRETE STAIRS W/RAILING (C6.2)
- 27. RAMP & RAILING- SEE ARCHITECTURAL PLANS 28. STOP SIGN

25. ADA CURB RAMP 'A' ←

- 29. ADA PARKING STALL- VAN-ACCESSIBLE
- 30. ADA CURB RAMP 'B'
- 31. THEORY THICK BEAM BENCH BY LANDSCAPE FORMS, LENGTH: 8 FOOT TYPE: THICK BENCH W/SOLID SEAT & 2 SKATE STOPS COLOR: APPLE RED FINISH: POWDERCOAT (ALTERNATE #4)
- 32. KEY BIKE RACK BY LANDSCAPE FORMS (9) COLOR: RED FINISH: POWDERCOAT, INSTALL PER MANUFACTURER'S RECOMMENDATIONS
- 33. MONUMENT SIGN- SEE ARCHITECTURAL PLANS

34. CONCRETE SIDEWALK- TO MEET CITY

- OF LA CROSSE STANDARD SPECIFICATIONS AND DETAILS 35. CONCRETE CURB ADJACENT
- TO POURED RUBBER SURFACE (C6.0) 36. CONCRETE STAIRS & RAILING-SEE ARCHITECURAL PLANS
- 37. SCREEN WALL & GATES-

SEE ARCHITECTURAL PLANS

- 38. PLANTER BENCH- SEE ARCHITECTURAL PLANS
- 39. 18" CONCRETE CURB & -GUTTER -REJECT
- 40. TRANFORMER PAD- SEE ELECTRICAL
- 41. PLANTER BENCH- SEE ARCHITECTURAL PLANS. FILL INTERIOR OF PLANTER WITH 12" OF TOPSOIL. TOP OF TOPSOIL TO BE HELD 4" BELOW BOTTOM OF BENCH CAP.
- 42. UNDERGROUND GEOTHERMAL VAULT, SHOWN FOR REFERENCE ONLY. SEE GEOTHERMAL PLANS FOR DETAILS.
- 43. LIGHT POLE- SEE ELECTRICAL PLANS

- 44. 'DO NOT ENTER' SIGN -
- 45. CONCRETE BOLLARD- SEE ARCHITECTURAL PLANS
- 46. BENCH- SEE ARCHITECTURAL PLANS
- 47. THEORY THICK BEAM BENCH BY LANDSCAPE FORMS, LENGTH: 8 FOOT TYPE: THICK BENCH W/SOLID SEAT & 2 SKATE STOPS COLOR: NAVY BLUE FINISH: POWDERCOAT (ALTERNATE #4)
- 48. THEORY THICK BEAM BENCH BY LANDSCAPE FORMS, LENGTH: 8 FOOT TYPE: THICK BENCH W/SOLID SEAT & 2 SKATE STOPS COLOR:LEAF GREEN FINISH: POWDERCOAT (ALTERNATE #4)
- 49. THEORY THICK BEAM BENCH BY LANDSCAPE FORMS, LENGTH: 8 FOOT TYPE: THICK BENCH W/SOLID SEAT & 2 SKATE STOPS COLOR: LEMON FINISH: POWDERCOAT (ALTERNATE #4)
- 50. (2)THEORY THICK BEAM BENCHES BY LANDSCAPE FORMS (LAYOUT 10) LENGTH: 8 FOOT TYPE: THICK BENCH W/SOLID SEAT & 2 SKATE STOPS COLOR: APPLE RED FINISH: POWDERCOAT
- 51. (2) THEORY THICK BEAM BENCHES BY LANDSCAPE FORMS (LAYOUT 10) LEGTH: 8 FOOT TYPE: THICK BENCH W/SOLID SEAT & 2 SKATE STOPS COLOR: NAVY BLUE FINISH: POWDERCOAT

ALTERNATE #4

(ALTERNATE #4)

- 52. (2) THEORY THICK BEAM BENCHES BY LANDSCAPE FORMS LENGTH: 8 FOOT TYPE: THICK BENCH W/SOLID SEAT & 2 SKATE STOPS COLOR: LEAF GREEN FINISH: POWDERCOAT (ALTERNATE #4)
- 53. (2) THEORY- THICK BEAMS BENCHES BY LANDSCAPE FORMS LENGTH: 8 FOOT TYPE: THICK BENCH W/SOLID SEAT & 2 SKATE STOPS COLOR: LEMON FINISH: POWDERCOAT (ALTERNATE #4)

# 54. 'ENTER ONLY' SIGN

# **UTILITY DISCLAIMER:**

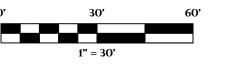
ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM. PRIVATE UTILITIES OR SUBSTRUCTURES SHOW HEREON WERE OBTAINED LOCATED AT THE NORTHEAST QUADRANT OF THE INTERSECTION OF MISSISSIPPI STREET AND 19TH STREET SOUTH.

NORTHEAST FLANGE BOLT ON HYDRANT, LOCATED AT THE NORTHWEST QUADRANT OF THE INTERSECTION OF MISSISSIPPI STREET AND EAST AVENUE SOUTH.

NORTHEAST FLANGE BOLT ON HYDRANT LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF EAST AVENUE SOUTH AND WINNEBAGO STREET.

FROM VISUAL INSPECTION, FIELD MEASUREMENTS, AND/OR AS-BUILT PLANS. SANITARY SEWER AND STORM SEWER PIPE SIZES, INVERTS, DIRECTION, AND LOCATIONS BETWEEN MANHOLES ARE SUPPLEMENTED BY AS-BUILT PLANS AND/OR ESTIMATED BASED ON FIELD OBSERVATIONS. PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES SHOWN HEREON, IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND SIZES BE FIELD VERIFIED. THE LOCATIONS SHOWN HEREON ARE ONLY APPROXIMATE, WITH POSSIBILITY THAT ADDITIONAL UTILITY LINES NOT DISCOVERED, OR MARKED, DURING THE SEARCH OF RECORDS AND THE FIELD SURVEY MAY EXIST. ANY CONTRACTOR USING THE INFORMATION SHOWN HEREON IS HEREBY FOREWARNED THAT ANY EXCAVATION UPON THIS SITE MAY RESULT IN THE DISCOVERY OF ADDITIONAL UNDERGROUND UTILITIES NOT SHOWN HEREON. IN GENERAL, UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITY MARKINGS, BY OTHERS, AND/OR AS-BUILT PLANS, PROVIDED BY OTHERS. POINT OF BEGINNING MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THE EXISTING UTILITIES SHOWN HEREON, AND BELIEVES THAT THE INFORMATION CONTAINED HEREIN IS RELIABLE

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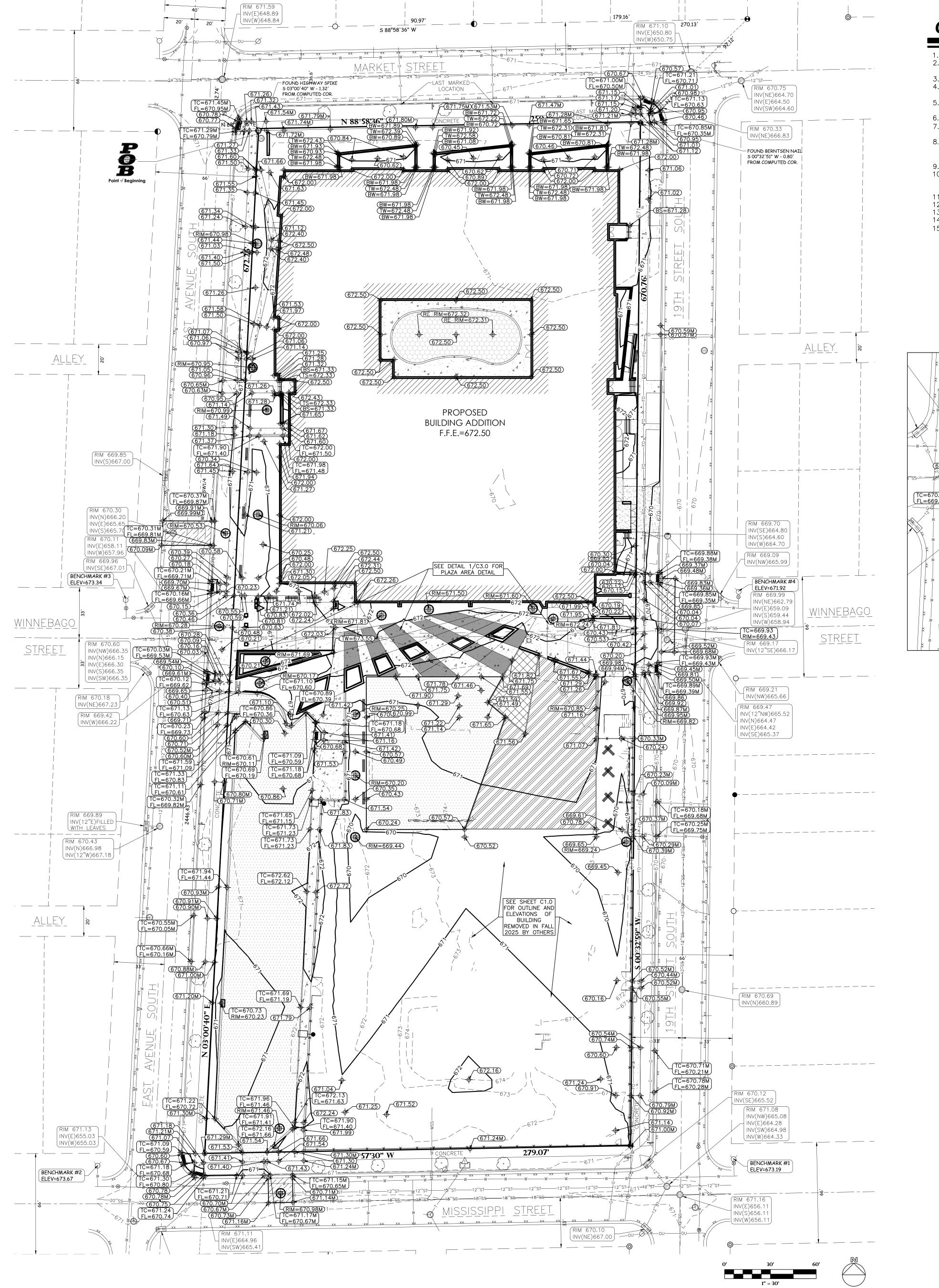
Project Number:

Issued For: CONTRACT **DOCUMENTS** 

> 10/28/2025 Sheet Title:

<sup>E</sup>✓Layout Plan

Sheet Number:

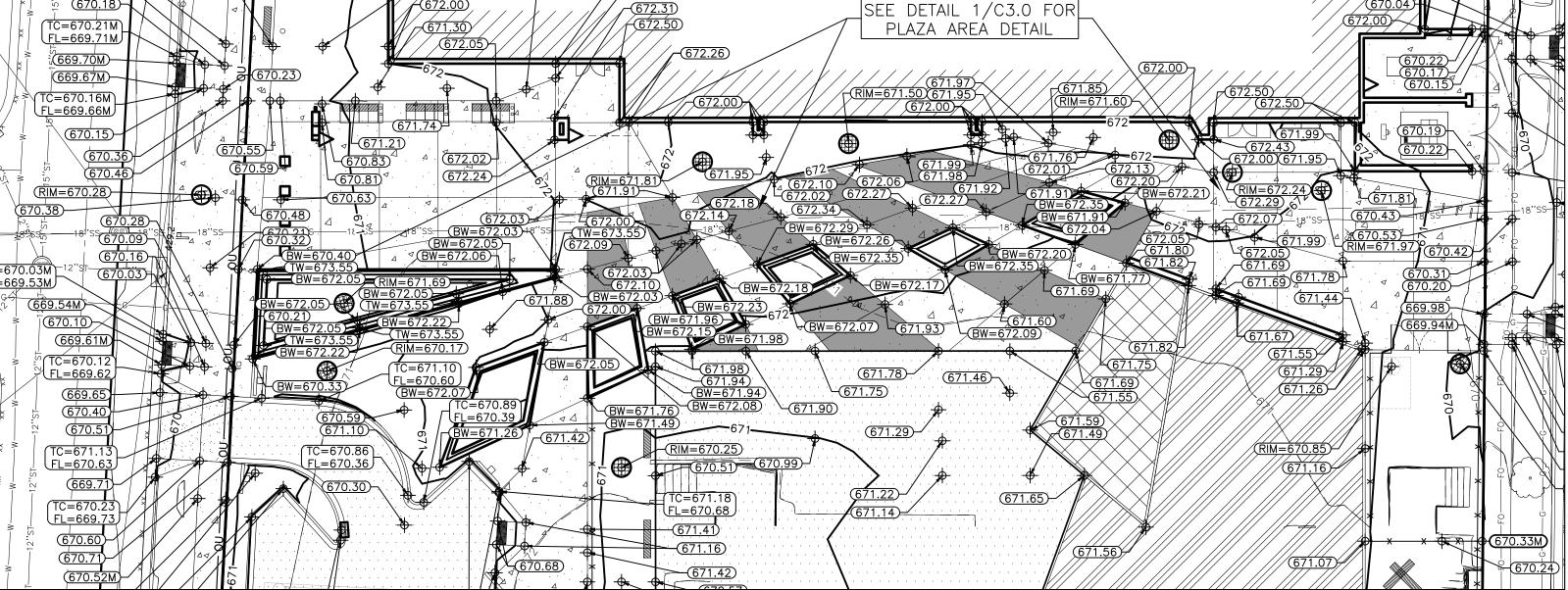


- . CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK. 2. THE PROPOSED SITE PLAN FINISH FLOOR ELEVATION OF 672.50 EQUALS THE PROPOSED BUILDING ARCHITECTURAL FINISH FLOOR ELEVATION OF 100.00'.
- 3. GRADE, LINE, AND LEVEL SHALL BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER. 4. INSTALL AND MAINTAIN ALL REQUIRED EROSION CONTROL MEASURES IN ACCORDANCE WITH LOCAL MUNICIPAL
- AND DEPARTMENT OF NATURAL RESOURCES REGULATIONS. 5. 6" OF TOPSOIL SHALL BE PROVIDED IN ALL GENERAL LAWN AREAS AND 12" SHALL BE PROVIDED IN ALL
- PLANTING BED AREAS. 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
- 9. INSTALL WISDOT TYPE HR FILTER FABRIC BENEATH ALL RIP RAP. 10. 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. 11. ALL TESTING AND INSPECTION SHALL BE DONE IN ACCORDANCE WITH SPS 382.21.
- 12. THE LOCAL MUNICIPALITY SHALL BE CONTACTED PRIOR TO ANY EXCAVATION IN THE PUBLIC RIGHT-OF-WAY. 13. THE CONTRACTOR SHALL HAVE A TRAFFIC CONTROL PLAN APPROVED PRIOR TO WORK COMMENCING. 14. THE LOCAL MUNICIPALITY SHALL OPERATE ALL EXISTING WATER VALVES IF NEEDED.
- 15. GRADES AT BUILDING EDGE SHALL BE 6" BELOW FINISHED FLOOR ELEVATION EXCEPT AT DOOR WAY ENTRANCES OR UNLESS OTHERWISE NOTED.

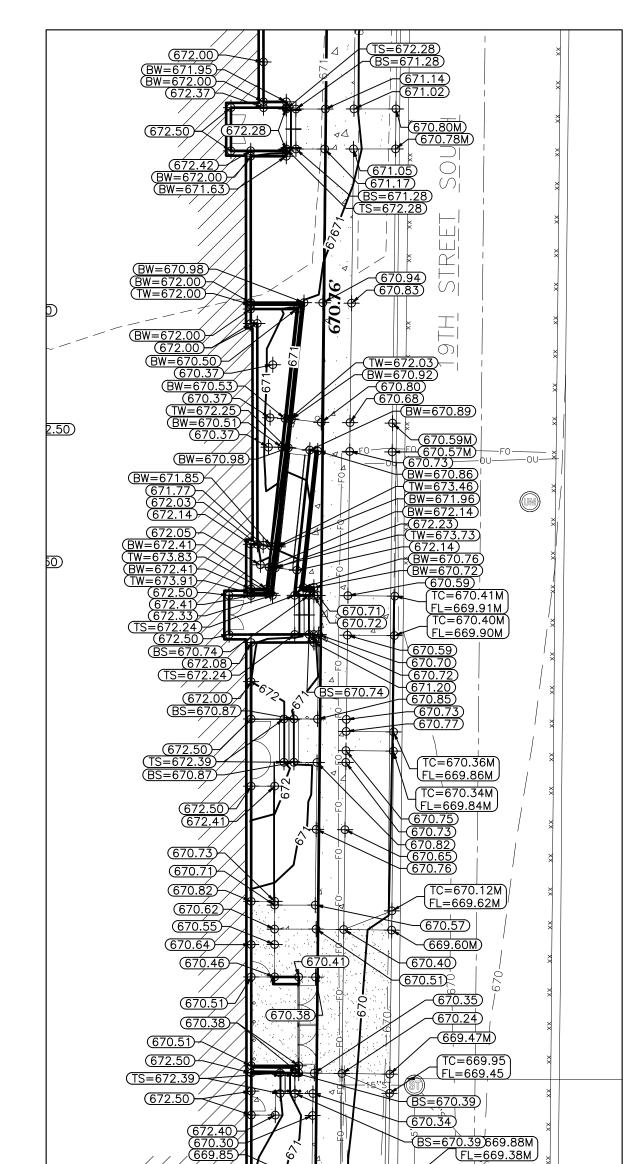
## **GRADING LEGEND:**

EXISTING CONTOUR — — — 712 — — — PROPOSED CONTOUR PROPOSED SPOT ELEVATION PROPOSED RIM ELEVATION PROPOSED TOP OF CURB ELEVATION (FL=893.56) + PROPOSED FLOW LINE ELEVATION (TS=893.56) + PROPOSED TOP OF STAIR ELEVATION (BS=893.56) + PROPOSED BOTTOM OF STAIR ELEVATION (TW=893.56) + PROPOSED TOP OF WALL ELEVATION (BW=893.56) + PROPOSED BOTTOM OF WALL ELEVATION PROPOSED MATCH ELEVATION (CONTRACTOR TO VERIFY) PROPOSED RECESSED RIM ELEVATION

PROPOSED STORM SEWER MANHOLE PROPOSED STORM SEWER INLET PROPOSED STORM SEWER CURB INLET PROPOSED SANITARY MANHOLE PROPOSED STORM SEWER INLET (SEE INTERIOR PLUMBING PLAN)



# PLAZA AREA DETAILS



# **BENCHMARKS:**

ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM. BENCHMARK #1 NORTHWEST FLANGE BOLT ON HYDRANT, LOCATED AT THE NORTHEAST QUADRANT OF THE INTERSECTION OF MISSISSIPPI STREET AND 19TH STREET SOUTH. ELEVATION = 673.19

BFNCHMARK #2 NORTHEAST FLANGE BOLT ON HYDRANT, LOCATED AT THE NORTHWEST QUADRANT OF THE INTERSECTION OF MISSISSIPPI STREET AND EAST AVENUE SOUTH. ELEVATION = 673.67

BENCHMARK #3 NORTHEAST FLANGE BOLT ON HYDRANT. LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF EAST AVENUE SOUTH AND WINNEBAGO STREET ELEVATION = 673.34BENCHMARK #4 BURY BOLT ON HYDRANT, LOCATED AT THE NORTHEAST CORNER OF THE INTERSECTION OF 19TH STREET SOUTH AND

# **UTILITY DISCLAIMER:**

ELEVATION = 671.92

FROM VISUAL INSPECTION, FIELD MEASUREMENTS, AND/OR AS-BUILT PLANS. SANITARY SEWER AND STORM SEWER PIPE SIZES, INVERTS, DIRECTION, AND LOCATIONS BETWEEN MANHOLES ARE SUPPLEMENTED BY AS-BUILT PLANS AND/OR ESTIMATED BASED ON FIELD OBSERVATIONS. PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES SHOWN HEREON, IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND SIZES BE FIELD VERIFIED. THE LOCATIONS SHOWN HEREON ARE ONLY APPROXIMATE, WITH POSSIBILITY THAT ADDITIONAL UTILITY LINES NOT DISCOVERED, OR MARKED, DURING THE SEARCH OF RECORDS AND THE FIELD SURVEY MAY EXIST. ANY CONTRACTOR USING THE INFORMATION SHOWN HEREON IS HEREBY FOREWARNED THAT ANY EXCAVATION UPON THIS SITE MAY RESULT IN THE DISCOVERY OF ADDITIONAL UNDERGROUND UTILITIES NOT SHOWN HEREON. IN GENERAL, UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITY MARKINGS, BY OTHERS, AND/OR AS-BUILT PLANS, PROVIDED BY OTHERS. POINT OF BEGINNING MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THE EXISTING UTILITIES SHOWN HEREON,

AND BELIEVES THAT THE INFORMATION CONTAINED HEREIN IS RELIABLE

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**EAST SIDE BLOW UP DETAIL** 

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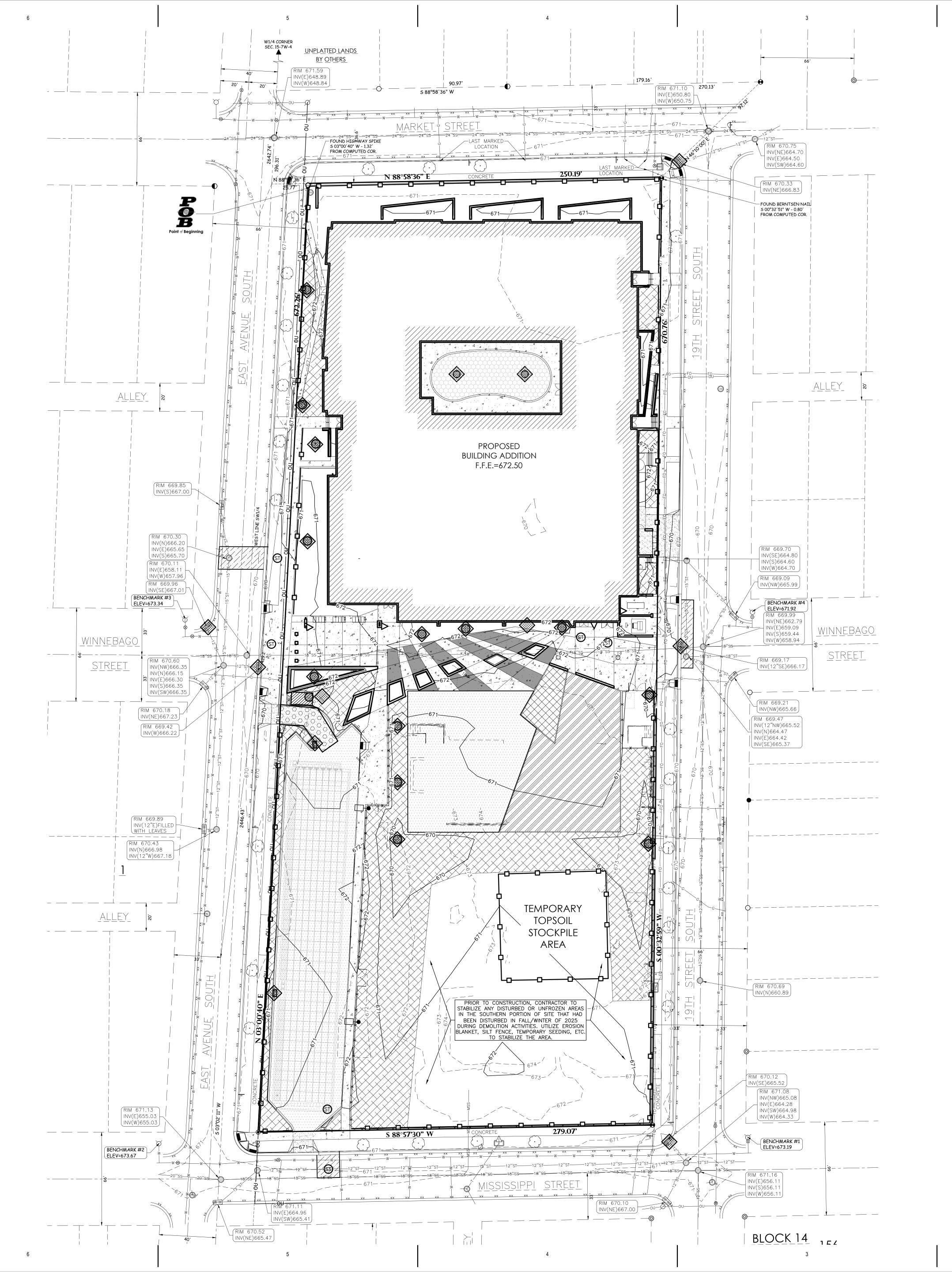
Project Number:

CONTRACT **DOCUMENTS** 

10/28/2025

Sheet Title: **Grading Plan** 

Sheet Number:



- 1. CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
  2. NOTIFY THE LOCAL MUNICIPALITY AT LEAST 2 WORKING DAYS PRIOR TO THE START OF SOIL DISTURBING
- ACTIVITIES.

  3. INSTALL ALL TEMPORARY EROSION CONTROL ELEMENTS PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- 4. ALL ACTIVITIES SHALL BE CONDUCTED IN A LOGICAL SEQUENCE TO MINIMIZE THE AMOUNT OF BARE SOIL EXPOSED AT ANY ONE TIME. MAINTAIN EXISTING VEGETATION AS LONG AS POSSIBLE.

  5. CRUSHED ROCK DRIVES FOR SEDIMENT TRACKING UTILIZING 3" CRUSHED ROCK SHALL BE MAINTAINED AT
- ALL CONSTRUCTION ENTRANCES TO THE SITE. THE ROCK DRIVE SHALL BE A MINIMUM OF 12" THICK AND BE A MINIMUM OF 50 FEET IN LENGTH BY THE WIDTH OF THE DRIVEWAY.

  6. OFFSITE SEDIMENT DEPOSITS RESULTING FROM STORMWATER RUNOFF SHALL BE CLEANED BY THE END OF THE NEXT WORKDAY. OFFSITE SEDIMENT DEPOSITS RESULTING FROM CONTRACTOR ACTIVITIES, INCLUDING
- SOIL TRACKING, SHALL BE CLEANED EACH WORKDAY. EXCESSIVE AMOUNTS OF SEDIMENT OR DEBRIS TRACKED ONTO ADJACENT STREETS SHALL BE CLEANED IMMEDIATELY. FINE SEDIMENT ACCUMULATIONS ON ADJACENT STREETS SHALL SWEPT MECHANICALLY OR MANUALLY AT LEAST WEEKLY AND BEFORE IMMINENT RAINFALL.
- 7. DISTURBED GROUND OUTSIDE OF THE EVERYDAY CONSTRUCTION AREAS, INCLUDING SOIL STOCKPILES, THAT ARE LEFT INACTIVE FOR MORE THAN 7 DAYS SHALL BE TEMPORARILY STABILIZED BY SEEDING/MULCHING OR OTHER APPROVED METHODS.
- 8. WASTE MATERIAL THAT IS GENERATED ON THE CONSTRUCTION SITE SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO RUN INTO RECEIVING WATERS.
- NOT ALLOWED TO RUN INTO RECEIVING WATERS.

  9. EROSION CONTROL DEVICES DESTROYED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY
- THE END OF EACH WORK DAY.

  10. INSPECT ALL EROSION CONTROL MEASURES AT LEAST ONCE A WEEK AND AFTER ANY RAINFALL OF 0.5" OR MORE. MAKE NEEDED REPAIRS AND DOCUMENT ALL ACTIVITIES AS PER THE REQUIREMENTS OF THE NOTICE OF INTENT SUBMITTED BY THE PROJECT CIVIL ENGINEER.
- VEGETATION IS ESTABLISHED AND THEN BE REMOVED AS PART OF THE BASE BID.

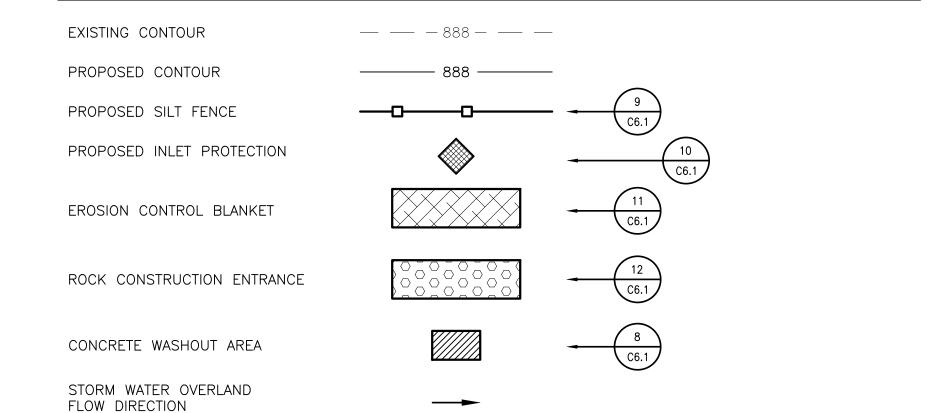
  12. IF SEDIMENT LADEN WATER NEEDS TO BE REMOVED FROM THE SITE, FILTER BAGS OR SCREENING SHALL BE USED IN ACCORDANCE WITH WI DNR TECHNICAL STANDARD 1061 TO PREVENT SEDIMENT DISCHARGE TO THE MAXIMUM EXTENT PRACTICABLE.

11. ALL TEMPORARY EROSION CONTROL ELEMENTS SHALL REMAIN IN PLACE UNTIL A SUFFICIENT GROWTH OF

- 13. COORDINATE ALL EARTHWORK ACTIVITIES WITH THE RESPECTIVE TRADES RESPONSIBLE FOR THE INSTALLATION OF GAS, CABLE, TELEPHONE AND ELECTRICAL (INCLUDING MAIN SERVICE, SITE LIGHTING, CONDUITS AND SIGNAGE).
- 14. INSTALL WISDOT TYPE HŔ FILTER FABRIC BENEATH ALL RIP RAP.
  15. IF BARE SOIL IS EXPOSED DURING THE WINTER MONTHS. STABILIZATION B
- 15. IF BARE SOIL IS EXPOSED DURING THE WINTER MONTHS, STABILIZATION BY MULCHING OR ANIONIC POLYACRYLAMIDE SHALL OCCUR PRIOR TO SNOWFALL OR GROUND FREEZE.
- 16. SILT FENCE SHALL BE INSTALLED AROUND THE TOPSOIL STOCKPILE.

  17. 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.
- 18. PRIOR TO CONSTRUCTION, CONTRACTOR TO STABILIZE ANY DISTURBED OR UNFROZEN AREAS IN THE SOUTHERN PORTION OF SITE THAT HAD BEEN DISTURBED IN FALL/WINTER OF 2025 DURING DEMOLITION

#### **EROSION CONTROL LEGEND:**



# **EROSION CONTROL SEQUENCING:**

- 1. INSTALL PERIMETER EROSION CONTROL
- 2. BEGIN DEMOLITION
  3. BEGIN ROUGH GRADING AND UTILITY INSTALLATION
- 4. DURING GRADING ACTIVITIES EXISTING GRASS AND VEGETATION, TO BE REMOVED, SHALL REMAIN IN PLACE FOR AS LONG AS POSSIBLE, TO AVOID SEDIMENT TRANSPORT.
- 5. TEMPORARY STABILIZATION ACTIVITY SHALL COMMENCE WHEN LAND DISTURBING CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED AND WILL NOT RESUME FOR A
- PERIOD EXCEEDING 14 CALENDAR DAYS.

  6. FINAL STABILIZATION ACTIVITY SHALL COMMENCE WHEN LAND DISTURBING ACTIVITIES CEASE AND FINAL GRADE HAS BEEN REACHED ON ANY PORTION OF THE SITE.
- AND FINAL GRADE HAS BEEN REACHED ON ANY PORTION OF THE SITE.

  7. 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

**UTILITY DISCLAIMER:** 

THE LOCATIONS, SIZES, AND TYPES OF UNDERGROUND PUBLIC AND

PRIVATE UTILITIES OR SUBSTRUCTURES SHOW HEREON WERE OBTAINED

FROM VISUAL INSPECTION, FIELD MEASUREMENTS, AND/OR AS-BUILT

PLANS. SANITARY SEWER AND STORM SEWER PIPE SIZES, INVERTS,

DIRECTION, AND LOCATIONS BETWEEN MANHOLES ARE SUPPLEMENTED BY

AS-BUILT PLANS AND/OR ESTIMATED BASED ON FIELD OBSERVATIONS.

PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES SHOWN HEREON, IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND

SIZES BE FIELD VERIFIED. THE LOCATIONS SHOWN HEREON ARE ONLY

APPROXIMATE, WITH POSSIBILITY THAT ADDITIONAL UTILITY LINES NOT

DISCOVERED, OR MARKED, DURING THE SEARCH OF RECORDS AND THE

FIELD SURVEY MAY EXIST. ANY CONTRACTOR USING THE INFORMATION

SHOWN HEREON IS HEREBY FOREWARNED THAT ANY EXCAVATION UPON

THIS SITE MAY RESULT IN THE DISCOVERY OF ADDITIONAL

UNDERGROUND UTILITIES NOT SHOWN HEREON. IN GENERAL, UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITY MARKINGS.

BY OTHERS, AND/OR AS-BUILT PLANS, PROVIDED BY OTHERS. POINT

OF BEGINNING MAKES NO WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, WITH RESPECT TO THE EXISTING UTILITIES SHOWN HEREON,

AND BELIEVES THAT THE INFORMATION CONTAINED HEREIN IS RELIABLE

AND GENERALLY ACCURATE FOR THE PURPOSE INTENDED.

3752

Project Number:

Milwaukee

829 South 1st Street

Milwaukee, Wisconsin 53204

T: 414.226.0200

Sheboygan • Davenport • Moline

www.brayarch.com

Point of Beginning

Landscape Architecture 4941 Kirschling Court Stevens Point, WI 54481

Civil Engineering

Land Surveying

715.344.9922(Fx)

**REVISIONS:** 

A DATE DESCRIPTION

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**DOCUMENTS** 10/28/2025

Sheet Title:

Erosion Control

Plan

Sheet Number:

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ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM.

BENCHMARK#1 NORTHWEST FLANGE BOLT ON HYDRANT, LOCATED AT THE NORTHEAST QUADRANT OF THE INTERSECTION OF MISSISSIPPI STREET AND 19TH STREET SOUTH.

ELEVATION = 673.19

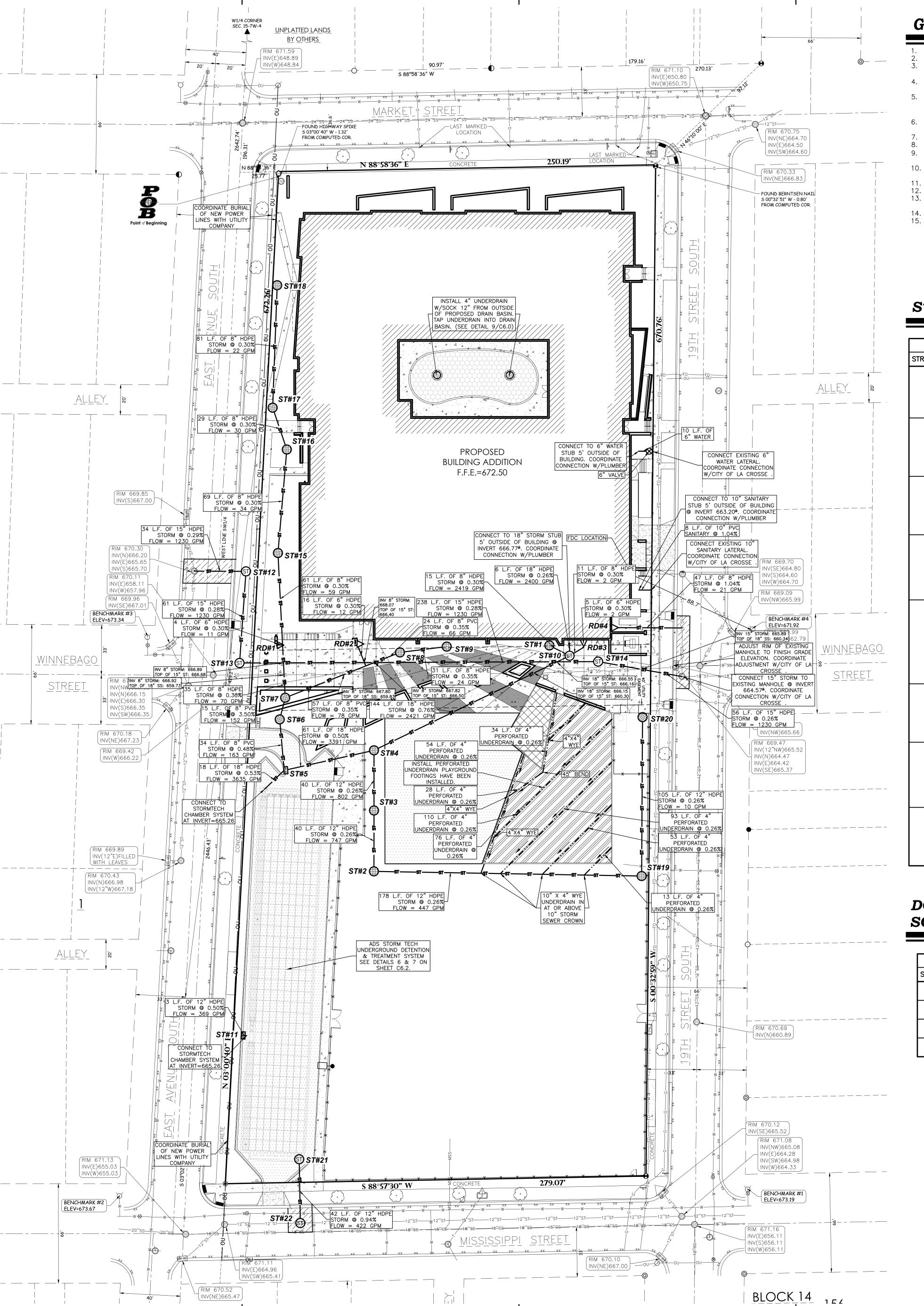
BENCHMARK #2

NORTHEAST FLANGE BOLT ON HYDRANT, LOCATED AT THE NORTHWEST QUADRANT OF THE INTERSECTION OF MISSISSIPPI STREET AND EAST AVENUE SOUTH. ELEVATION = 673.67

BENCHMARK #3

NORTHEAST FLANGE BOLT ON HYDRANT,
LOCATED AT THE NORTHWEST CORNER OF THE
INTERSECTION OF EAST AVENUE SOUTH AND
WINNEBAGO STREET.
ELEVATION = 673.34

BENCHMARK#4
BURY BOLT ON HYDRANT,
LOCATED AT THE NORTHEAST CORNER OF THE
INTERSECTION OF 19TH STREET SOUTH AND
WINNEBAGO STREET.
ELEVATION = 671.92



 $\mathbb{k}$  INV(NE)665.47

#### **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. 4. REFER TO THE PROPOSED BUILDING MECHANICAL/PLUMBING PLANS TO VERIFY EXACT CONNECTION
- LOCATIONS AND SIZES OF PROPOSED SANITARY SEWER AND WATER LATERALS. 5. 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
- 6. COORDINATE UTILITY SERVICE DISCONNECTIONS/OUTAGES WITH OWNER AND ANY IMPACTED NEIGHBORS.
- MINIMIZE DISRUPTIONS TO THE MAXIMUM EXTENT PRACTICAL. 7. COORDINATE ALL WORK WITHIN THE PUBLIC RIGHT OF WAY WITH THE LOCAL MUNICIPALITY. 8. ALL TESTING AND INSPECTION SHALL BE DONE IN ACCORDANCE WITH SPS 382.21.
- 9. THE PROPOSED WATER MAIN SHALL HAVE A MINIMUM COVER OF 7'-6" TO THE TOP OF PIPE FROM PROPOSED FINISHED GRADE. SEE SHEET C3.0 FOR PROPOSED FINISHED GRADE. 10. 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.
- 11. THE CONTRACTOR SHALL HAVE A TRAFFIC CONTROL PLAN APPROVED PRIOR TO WORK COMMENCING. 12. THE MUNICIPALITY SHALL OPERATE ALL EXISTING WATER VALVES, IF NEEDED. 13. FIELD VERIFY INVERT ELEVATION OF THE SANITARY SEWER AND WATER PUBLIC MAIN, AT THE LOCATION OF
- THE SERVICE LATERAL CONNECTIONS, PRIOR TO CONNECTING THE LATERALS TO THE PUBLIC MAIN. 14. INSTALL WISDOT TYPE HR FILTER FABRIC BENEATH PROPOSED RIP RAP. 15. CONTRACTOR TO COORDINATE REMOVAL OF EXISTING OVERHEAD POWER LINES SHOWN IN DEMOLITION PLAN AND BURIAL OF NEW POWER LINES.

#### **UTILITY LEGEND:**

PROPOSED STORM SEWER PROPOSED SANITARY SEWER PROPOSED WATER MAIN PROPOSED STORM SEWER MANHOLE PROPOSED STORM SEWER INLET PROPOSED STORM SEWER CURB INLET PROPOSED WATER VALVE

\_..\_.

PROPOSED SANITARY MANHOLE

PROPOSED 4" UNDERDRAIN

PROPOSED STORM SEWER INLET (SEE INTERIOR PLUMBING PLAN)

PROPOSED OVERHEAD POWER-INSTALLED BY OTHERS, SHOWN ——— ou——— FOR REFERENCE ONLY

#### STORM MANHOLE SCHEDULE:

			_		
STRUCTURE #	STRUCTURE DETAILS	STRUCTURE #	STRUCTURE DETAILS	STRUCTURE #	STRUCTURE DETAILS
ST#1	RIM = 671.60 INV (SE) = 667.63 DEPTH = 3.97' 48" I.D. PRECAST MANHOLE W/NEENAH R-2560-EA CASTING	ST#9	RIM = 671.50 INV (W) = 668.05 DEPTH = 3.45' 48" I.D. PRECAST MANHOLE W/NEENAH R-2560-EA CASTING W/BEEHIVE GRATE	ST#17	RIM = 670.95 INV (S) = 667.46 INV (N) = 667.46 DEPTH = 3.50' 36" I.D. PRECAST MANHOLE
	W/BEEHIVE GRATE  RIM = 669.44		RIM = 672.24		W/NEENAH R-2560-EA CASTING W/BEEHIVE GRATE
ST#2	INV (N) = 666.37 INV (E) = 666.37 DEPTH = 3.07' 36" I.D. PRECAST MANHOLE W/NEENAH R-2560-EA CASTING	ST#10	INV (SW) = 666.76 INV (NE) = 667.59 INV (NW) = 667.59 INV (N) = 666.76 DEPTH = 5.49'	ST#18	RIM = 671.15 INV (S) = 667.70 DEPTH = 3.45' 36" I.D. PRECAST MANHOLE W/NEENAH R-2560-EA CASTING
	W/BEEHIVE GRATE		60" I.D. PRECAST MANHOLE NEENAH CASTING R-1733-1		W/BEEHIVE GRATE
ST#3	RIM = 670.20 INV (N) = 666.27 INV (S) = 666.27 DEPTH = 3.93'		W/SOLID COVER  RIM = 670.23 INV (E) = 665.28 DEPTH = 4.95'	ST#19	RIM = 669.24 INV (W) = 666.84 INV (N) = 666.84 DEPTH = 2.41'
	36" I.D. PRECAST MANHOLE W/NEENAH R-2560-EA CASTING W/BEEHIVE GRATE	ST#11	2'X3' BOX CATCH BASIN W/NEENAH R-3067 CASTING W/TYPE 'R' GRATE		36" I.D. PRECAST MANHOLE W/NEENAH R-2560-EA CASTING W/BEEHIVE GRATE
	RIM = 670.25 INV (S) = 666.16 INV (W) = 665.66 INV (NE) = 665.66		AÓD UP-FLO FILTER TO MANHOLE SEE DETAIL 6/C6.3	ST#20	RIM = 669.82 INV (S) = 667.11 DEPTH = 2.71'
ST#4	DEPTH = 4.59'  48" I.D. PRECAST MANHOLE  W/NEENAH R-2560-EA CASTING	ST#12	RIM = 670.53 INV (S) = 665.55 INV (W) = 665.55 DEPTH = 4.98'		36" I.D. PRECAST MANHOLE W/NEENAH R-2560-EA CASTING W/BEEHIVE GRATE
	W/BEEHIVE GRATE  RIM = 670.10 INV (N) = 666.19	"	48" I.D. PRECAST MANHOLE NEENAH CASTING R-1733-1 W/SOLID COVER	OT #04	RIM = 673.23 INV (S) = 665.26 INV (W) = 665.26 INV (N) = 665.26
ST#5	INV (E) = 665.36 INV (SW) = 665.36 DEPTH = 4.75' 48" I.D. PRECAST MANHOLE	ST#13	RIM = 670.28 INV (E) = 665.38 INV (N) = 665.38 DEPTH = 4.90'	ST#21	DEPTH = 7.97'  60" I.D. PRECAST MANHOLE  NEENAH CASTING R-1733-1  W/SOLID COVER
	W/NEENAH R-3067 CASTING W/TYPE 'R' GRATE ADD UP-FLO FILTER TO MANHOLE SEE DETAIL 6/C6.3	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	48" I.D. PRECAST MANHOLE NEENAH CASTING R-1733-1 W/SOLID COVER		RIM = 670.98 INV (N) = 664.86 INV (W) = 664.86 INV (E) = 664.86
	RIM = 670.17 INV (N) = 666.35 INV (S) = 666.35 DEPTH = 3.81'  36" I.D. PRECAST MANHOLE W/NEENAH R-2560-EA CASTING W/BEEHIVE GRATE		RIM = 671.97 INV (E) = 664.71 INV (W) = 664.71	ST#22	DEPTH = 6.12'  48" I.D. PRECAST MANHOLE
ST#6		ST#14	DEPTH = 7.26' 48" I.D. PRECAST MANHOLE		NEENAH CASTING R-1733-1 W/SOLID COVER
"			NEENAH CASTING R-1733-1 W/SOLID COVER		
	RIM = 671.69 INV (E) = 667.65 INV (S) = 666.87	ST#15	RIM = 670.06 INV (S) = 667.16 INV (N) = 667.16 DEPTH = 2.90'		
ST#7	INV $(N) = 666.87$ DEPTH = 4.82' 36" I.D. PRECAST MANHOLE		36" I.D. PRECAST MANHOLE W/NEENAH R-2560-EA CASTING W/BEEHIVE GRATE		
	W/NEENAH R-2560-EA CASTING W/BEEHIVE GRATE RIM = 671.81 INV (E) = 667.94 INV (W) = 667.94 DEPTH = 3.87'		RIM = 670.99 INV (S) = 667.37 INV (N) = 667.37		
ST#8		ST#16	DEPTH = 3.62'  36" I.D. PRECAST MANHOLE W/NEENAH R-2560-EA CASTING		
INV (S) = 666.87 INV (N) = 666.87 DEPTH = 4.82' 36" I.D. PRECAST MANHOLE W/NEENAH R-2560-EA CAST W/BEEHIVE GRATE RIM = 671.81 INV (E) = 667.94 INV (W) = 667.94 DEPTH = 3.87' 48" I.D. PRECAST MANHOLE	W/NEENAH R-2560-EA CASTING		W/BEEHIVE GRATE		

#### **DOWNSPOUT CONNECTION SCHEDULE:**

STRUCTURE #	STRUCTURE DETAILS
RD#1	RIM = 670.80 INV (E) = 667.65
RD#2	RIM = 672.25 INV (S) = 668.07
RD#3	RIM = 672.50 INV (S) = 667.64
RD#4	RIM = 670.22 INV (E) = 665.60

W/BEEHIVE GRATE

## **BENCHMARK:**

INTERSECTION OF MISSISSIPPI STREET AND

ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM. BENCHMARK #1 NORTHWEST FLANGE BOLT ON HYDRANT, LOCATED AT THE NORTHEAST QUADRANT OF THE

19TH STREET SOUTH. ELEVATION = 673.19

BENCHMARK #2 NORTHEAST FLANGE BOLT ON HYDRANT, LOCATED AT THE NORTHWEST QUADRANT OF THE INTERSECTION OF MISSISSIPPI STREET AND EAST AVENUE SOUTH.

ELEVATION = 673.67BENCHMARK #3 NORTHEAST FLANGE BOLT ON HYDRANT, LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF EAST AVENUE SOUTH AND WINNEBAGO STREET

BENCHMARK #4 BURY BOLT ON HYDRANT, LOCATED AT THE NORTHEAST CORNER OF THE INTERSECTION OF 19TH STREET SOUTH AND WINNEBAGO STREET.

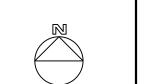
ELEVATION = 673.34

ELEVATION = 671.92

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Project Number:

Milwaukee

829 South 1st Street

Milwaukee, Wisconsin 53204

T: 414.226.0200

Sheboygan • Davenport • Moline

www.brayarch.com

Point of Beginning

Landscape Architecture

4941 Kirschling Court

**REVISIONS:** 

A DATE DESCRIPTION

Stevens Point, WI 54481

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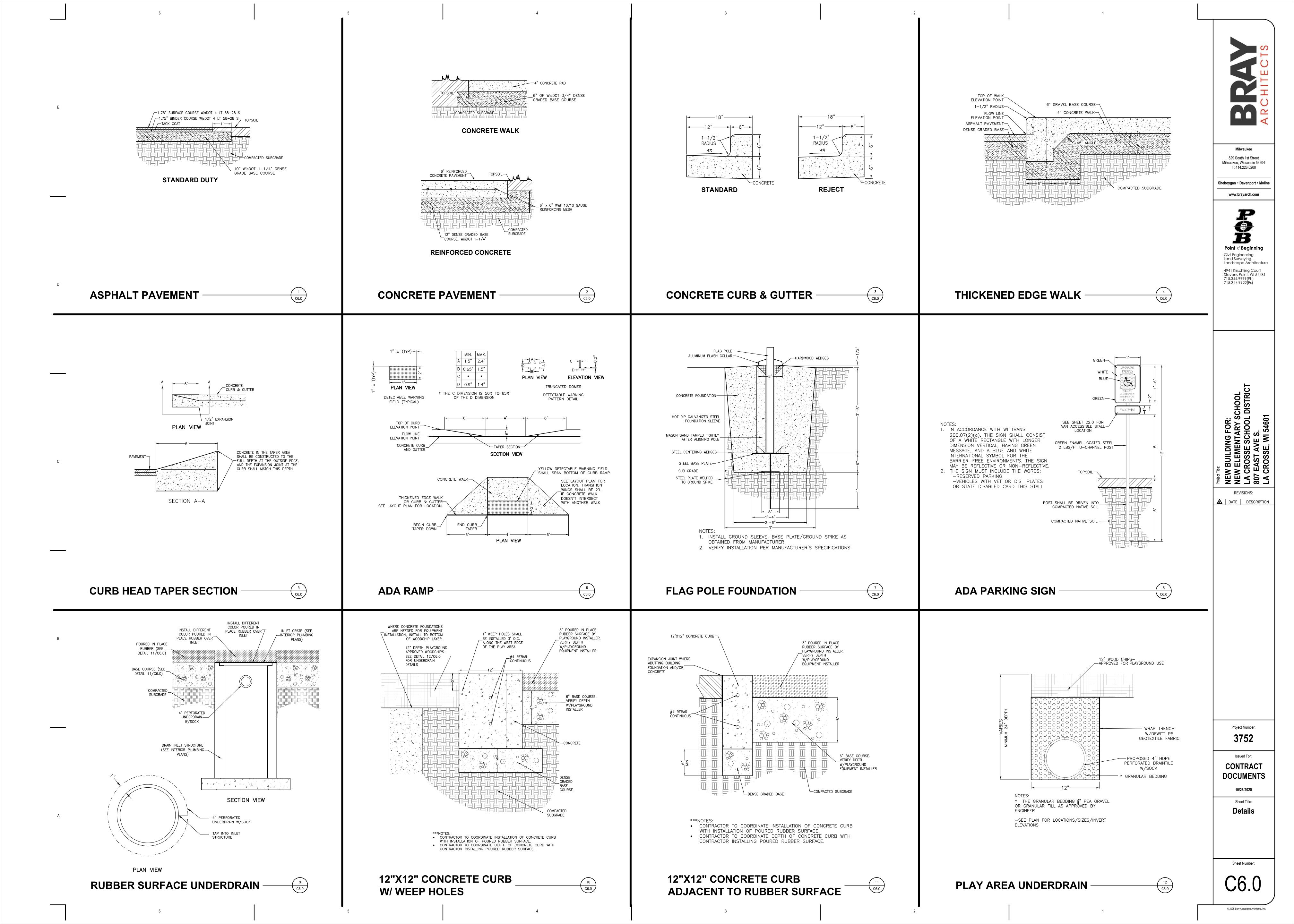
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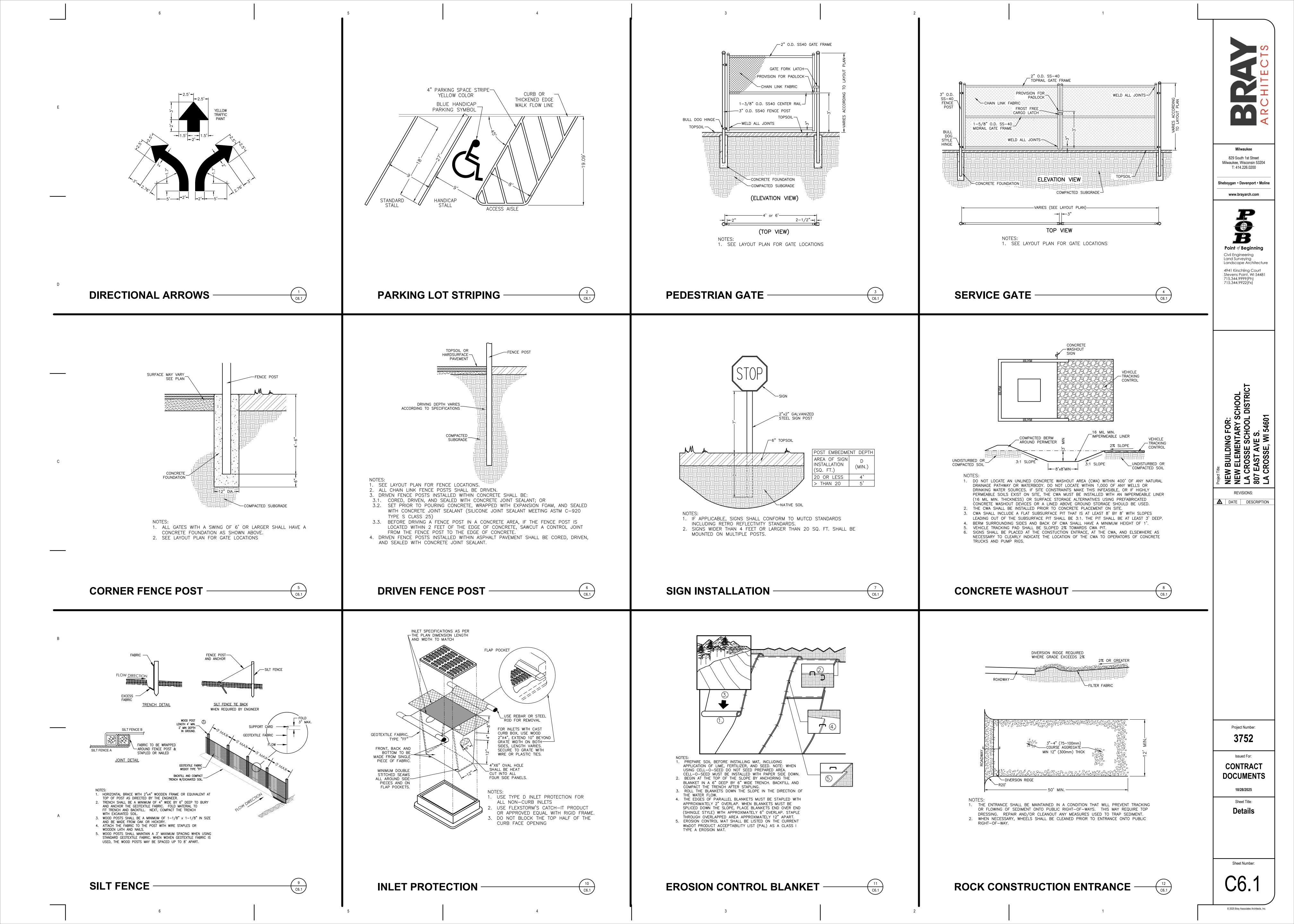
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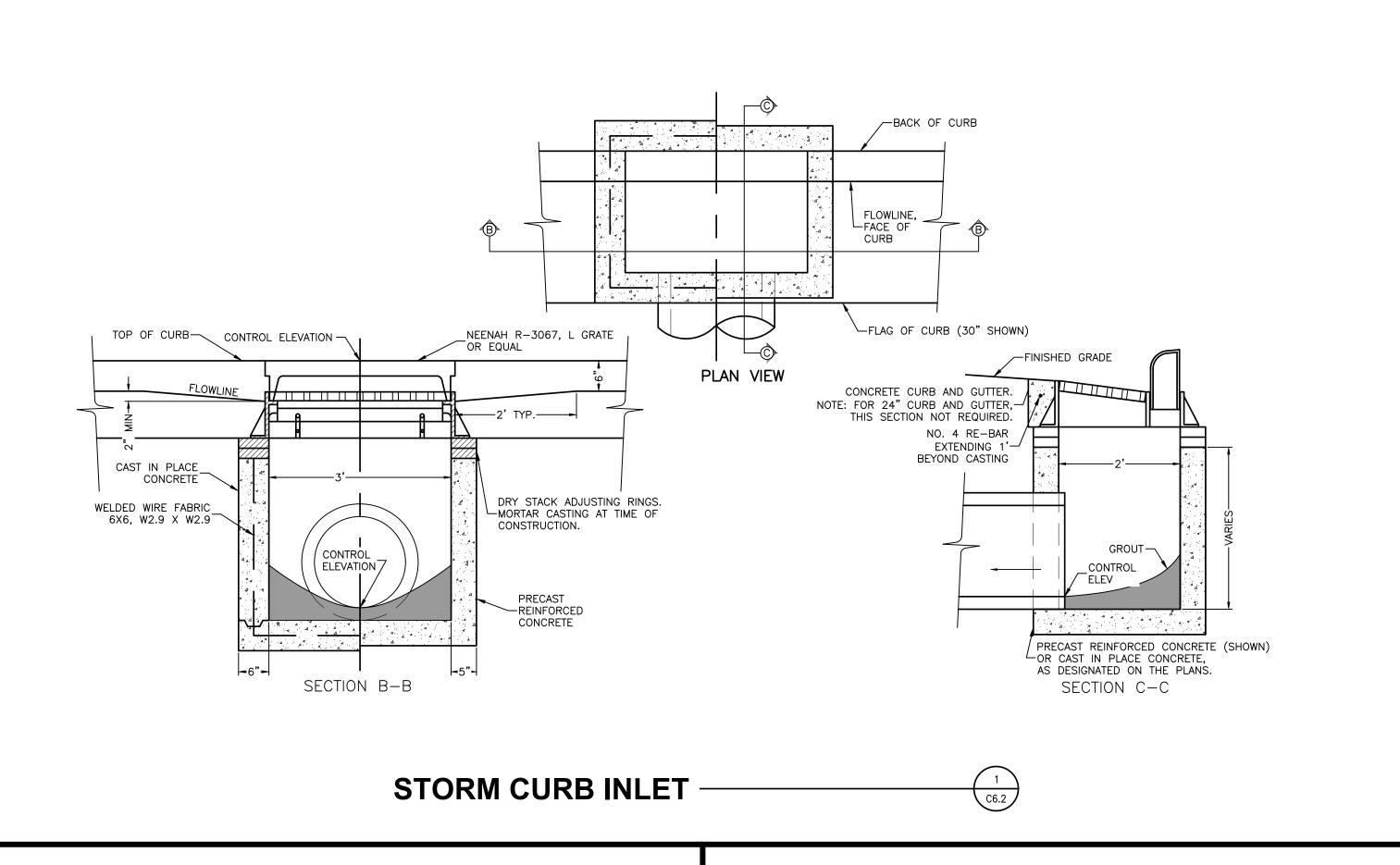
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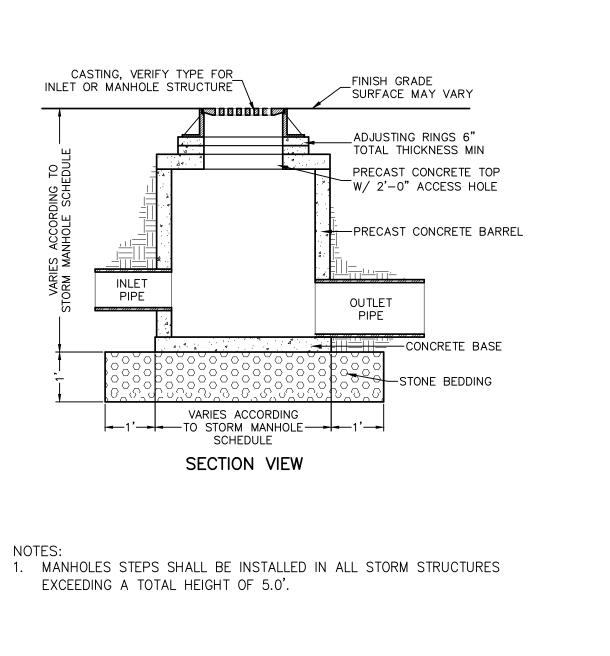
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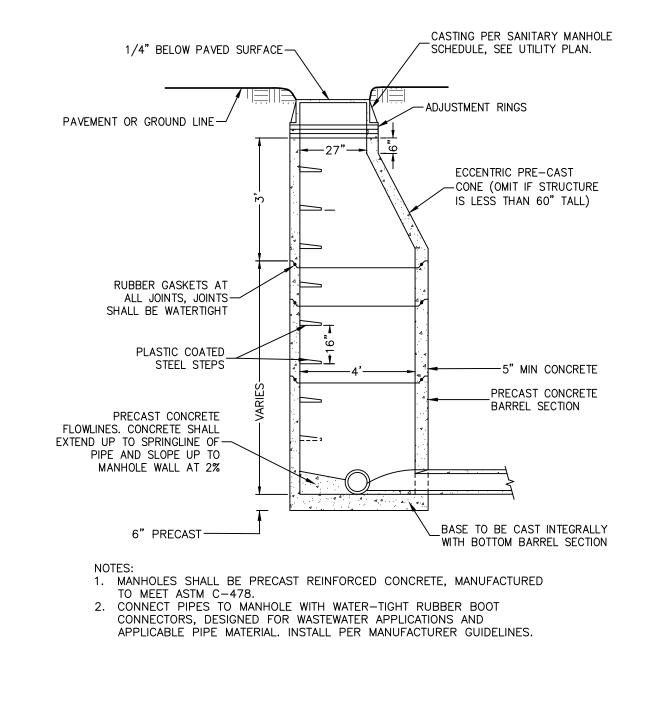
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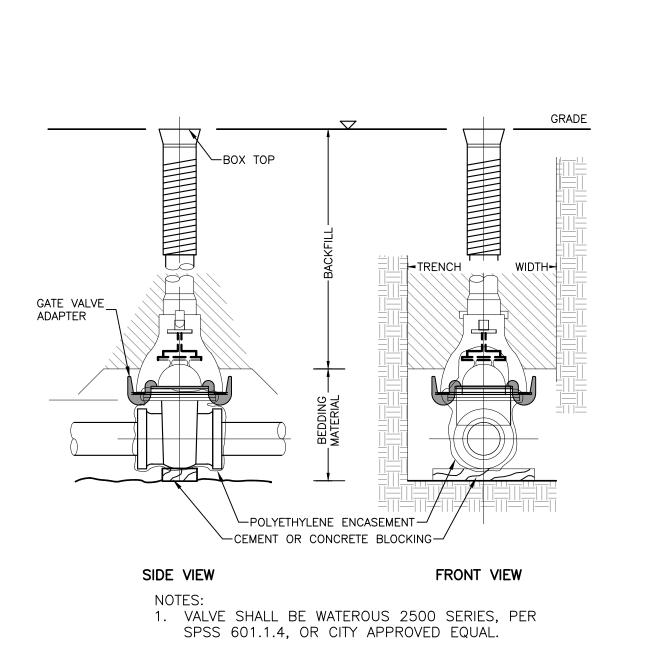




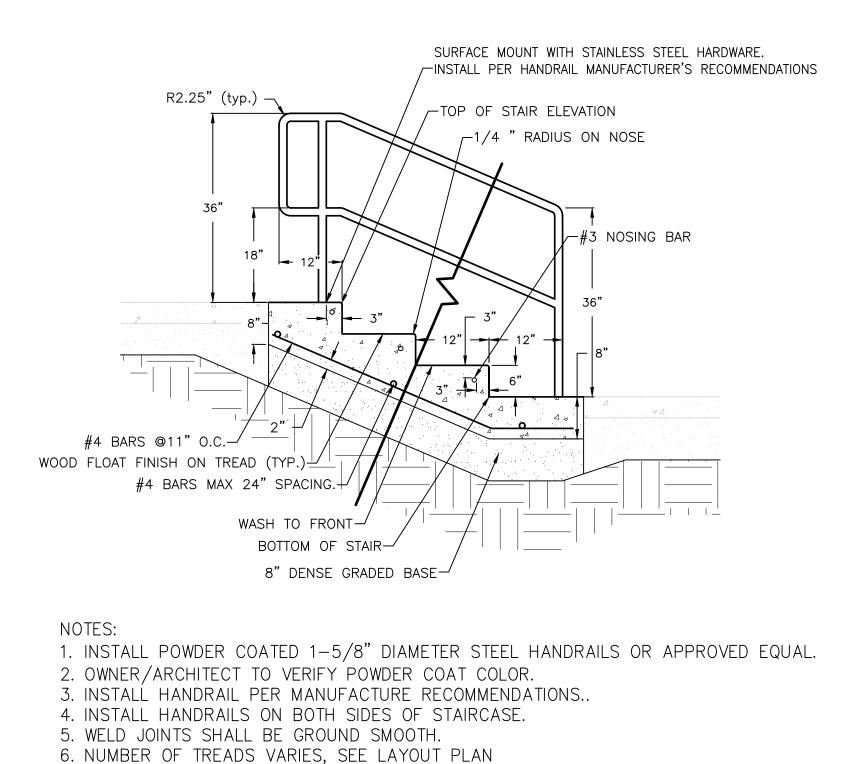


**SANITARY MANHOLE** 

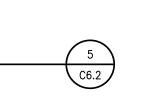
STORM MANHOLE



**WATER VALVE -**



**CONCRETE STAIRS & RAILING** 

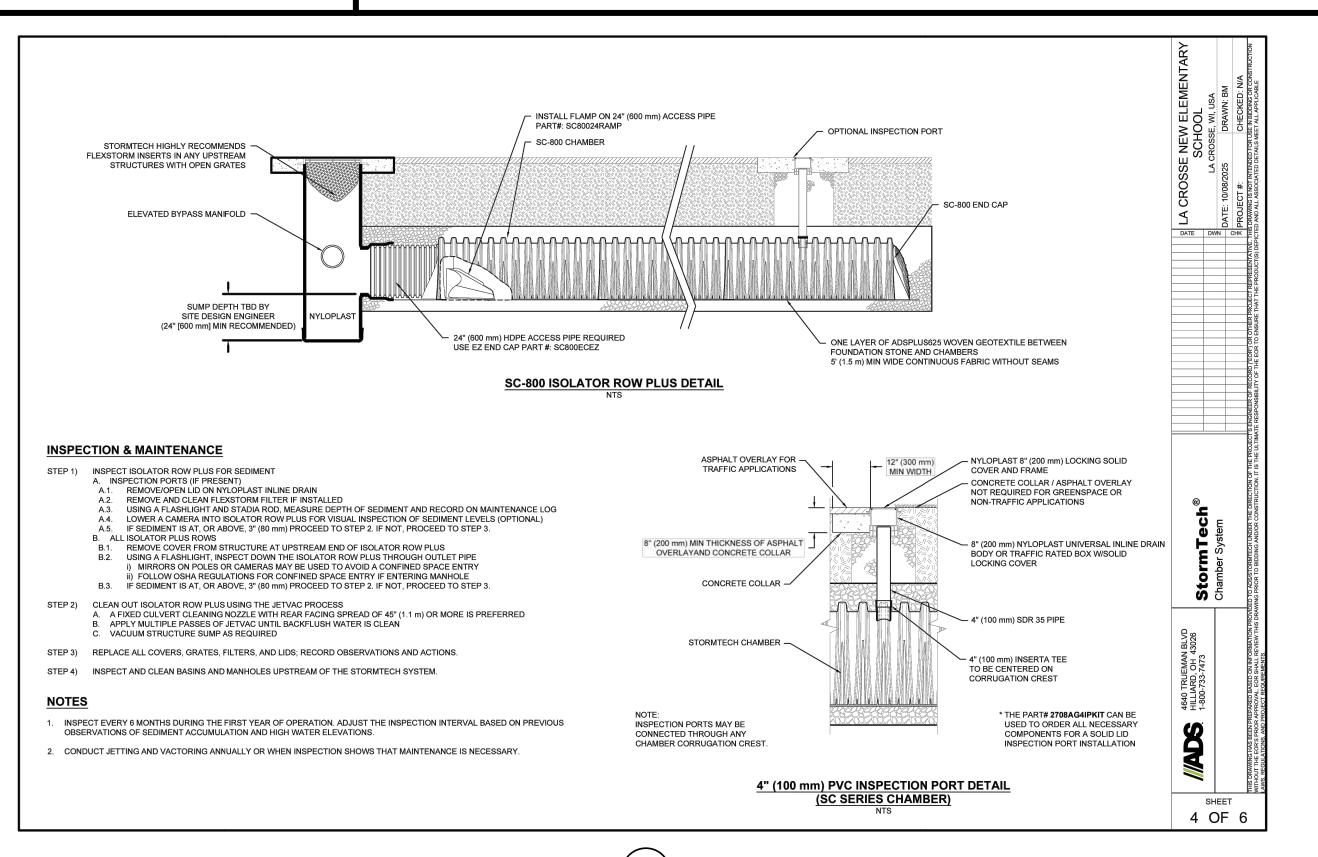


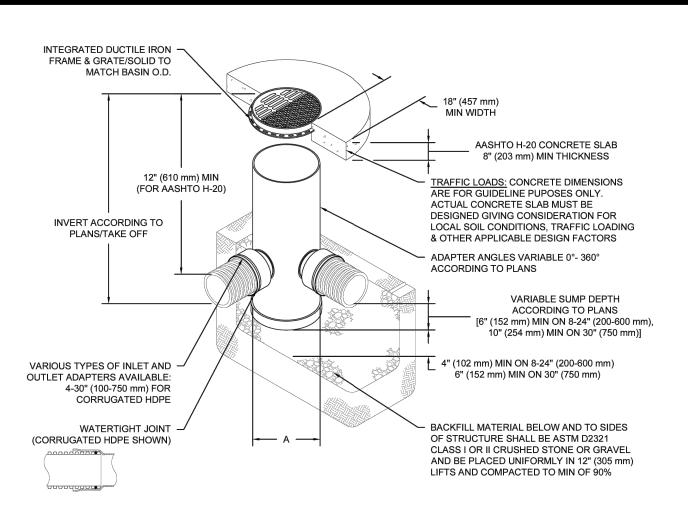
PROPOSED LAYOUT	PROPOSED ELEVATIONS				*INVERT A	BOVE BASE OF CHAMBER	
STORMTECH SC-800 CHAMBERS N	MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED): INIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC):	676.51	PART TYPE	LAYOUT	DESCRIPTION	INVERT* MAX FLOW	] AR
STONE ABOVE (in)	INIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC):	670.26 PRE-COF		1	12" TOP PRE-CORED END CAP, PART#: SC800EPE12TPC / TYP OF ALL 12" TOP CONNECTIONS 24" BOTTOM PREFABRICATED EZ END CAP, PART#: SC800ECEZ / TYP OF ALL 24" BOTTOM	14.40"	SCHOOL SCHOOL A CROSSE, WI, USA DRAWN: BM
STONE VOID	IINIMUM ALLOWABLE GRADE (TOP OF RIGID CONCRETE PAVEMENT): IINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT):	669.76 PREFABI	RICATED EZ END CAP	В	CONNECTIONS AND ISOLATOR PLUS ROWS NSTALL FLAMP ON 24" ACCESS PIPE / PART#: SC80024RAMP (TYP 3 PLACES)	2.30"	
(DEDIMETED STONE INCLUDED) F	OP OF STONE: OP OF SC-800 CHAMBER:	669.76 669.01 668.51 MANIFOL	_D	D	12" x 12" TOP MANIFOLD, ADS N-12	14.40"	
COVER STONE INCLUDED)	2" x 12" TOP MANIFOLD INVERT: 4" x 24" BOTTOM MANIFOLD INVERT:	666.96 MANIFOL 665.95 PIPE COI	LD NNECTION		24" x 24" BOTTOM MANIFOLD, ADS N-12 24" BOTTOM CONNECTION	2.30"	W ELEMI OOL E, WI, USA DRAWN: BA
SYSTEM AREA (SF) 2	4" ISOLATOR ROW PLUS INVERT: 4" ISOLATOR ROW PLUS INVERT:	665.95 CONCRE	ETE STRUCTURE AST (INLET W/ ISO	1	DCS (DESIGN BY ENGINEER / PROVIDED BY OTHERS)	14.0 CFS OUT	
2	4" BOTTOM CONNECTION INVERT: OTTOM OF SC-800 CHAMBER:	665.95 PLUS RC		Н	30" DIAMETER (24.00" SUMP MIN)	5.9 CFS IN	SE N SI IA CR
Ū	INDERDRAIN INVERT:	665,26 PLUS RC	OW)		30" DIAMETER (24.00" SUMP MIN)		SS
E	OTTOM OF STONE:	665.26 UNDERD	DRAIN FION PORT		5" ADS N-12 DUAL WALL PERFORATED HDPE UNDERDRAIN I" SEE DETAIL (TYP 2 PLACES)		CRO;
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ISOLATOR ROW PLUS							
(SEE DETAIL)							$ \mathbf{\varphi} $
PLACE MINIMUM 12 50' OF ADSPLU	S625 WOVEN GEOTEXTILE OVER BEDDING						
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CHAMBER INLET ROWS							
BED LIMITS	NOTES						SHEET
DED EIIIII O	THE S • NOT F	TE DESIGN ENGINEER OR CONSTRUCTION: T	MUST REVIEW ELEVAT	TIONS ANI	IF NECESSARY ADJUST GRADING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE ME'L PURPOSES ONLY TO PROVE CONCEPT & THE REQUIRED STORAGE VOLUME CAN BE ACHIEVE	O ON SITE.	2 OF
				-			1

C6.2

**ACCEPTABLE FILL MATERIALS: STORMTECH SC-800 CHAMBER SYSTEMS** AASHTO MATERIAL COMPACTION / DENSITY REQUIREMENT MATERIAL LOCATION DESCRIPTION CLASSIFICATIONS PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS. ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER. BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR A-1, A-2-4, A-3 INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 15" (375 mm)
ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT
SUBBASE MAY BE A PART OF THE 'C' LAYER. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS PROCESSED AGGREGATE MATERIALS, ROLLER GROSS FORCE NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC
FORCE NOT TO EXCEED 20,000 lbs (89 kN). 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10 CLEAN, CRUSHED, ANGULAR STONE AASHTO M43<sup>1</sup> 3, 357, 4, 467, 5, 56, 57 FROM THE FOUNDATION STONE (A' LAYER) TO THE 'C' LAYER NO COMPACTION REQUIRED. OR RECYCLED CONCRETE<sup>5</sup> FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE CLEAN, CRUSHED, ANGULAR STONE PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.<sup>2,3</sup> SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER. 3, 357, 4, 467, 5, 56, 57 THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR, FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE". STORMTECH COMPACTION SURFACES MAY BE COMPACTION, FOR STANDARD DESIGNAL COATION, FOR STANDARD DESIGNAL COATION, FOR STANDARD DESIGNAL COATION, FOR STANDARD DESIGN COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.

WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION. WHERE RECYCLED CONCRETE AGGREGATE IS USED IN LAYERS 'A' OR 'B' THE MATERIAL SHOULD ALSO MEET THE ACCEPTABILITY CRITERIA OUTLINED IN TECHNICAL NOTE 6.20 "RECYCLED CONCRETE STRUCTURAL BACKFILL" ADS GEOSYNTHETICS 601T NON-WOVEN GEOTEXTILE ALI AROUND CLEAN, CRUSHED, ANGULAR STONE IN A & B LAYERS 💂 BY SITE DESIGN ENGINEER) PERIMETER STONE -33" \*\*THIS CROSS SECTION DETAIL REPRESENTS (CAN BE SLOPED OR VERTICAL) (838 mm) MINIMUM REQUIREMENTS FOR INSTALLATION.
PLEASE SEE THE LAYOUT SHEET(S) FOR PROJECT SPECIFIC REQUIREMENTS. 6" (150 mm) MIN (75 mm) MIN - 51" (1295 mm) - 12" (300 mm) MIN SUBGRADE SOILS -CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". SC-800 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". 3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS. REFERENCE STORMTECH DESIGN MANUAL FOR BEARING CAPACITY GUIDANCE PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS. REQUIREMENTS FOR HANDLING AND INSTALLATION: TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS. TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2". TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 700 LBS/FT/%. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW





N	OTE:	S			
1.		 00-750 mm) GRATES/S 70-50-05	SOLID COVERS SHALL	BE DUCTILE IRON PE	R ASTM A536
2.	12-30" (3	300-750 mm) FRAMES	SHALL BE DUCTILE IR	ON PER ASTM A536 C	RADE 70-50-05
3.	DRAIN E	BASIN TO BE CUSTON	I MANUFACTURED AC	CORDING TO PLAN DI	ETAILS
4.	DRAINA	GE CONNECTION STU	JB JOINT TIGHTNESS	SHALL CONFORM TO	ASTM D3212
	FOR CC	RRUGATED HDPE (AI	OS & HANCOR DUAL W	/ALL) & SDR 35 PVC	
5.	FOR CC	MPLETE DESIGN AND	PRODUCT INFORMAT	TION: WWW.NYLOPLA	AST-US.COM
6.	TO ORE	DER CALL: 800-821-67	10		
	Α	PART#	GRATE/S	OLID COVER (	OPTIONS
(2	8" 200 mm)	2808AG	PEDESTRIAN LIGHT	STANDARD LIGHT DUTY	SOLID LIGHT DU

Α	PART#	GRATE/SOLID COVER OPTIONS		
8" (200 mm)	2808AG	PEDESTRIAN LIGHT DUTY	STANDARD LIGHT DUTY	SOLID LIGHT DUTY
10" (250 mm)	2810AG	PEDESTRIAN LIGHT DUTY	STANDARD LIGHT DUTY	SOLID LIGHT DUTY
12"	2812AG	PEDESTRIAN	STANDARD AASHTO	SOLID
(300 mm)		AASHTO H-10	H-20	AASHTO H-20
15"	2815AG	PEDESTRIAN	STANDARD AASHTO	SOLID
(375 mm)		AASHTO H-10	H-20	AASHTO H-20
18"	2818AG	PEDESTRIAN	STANDARD AASHTO	SOLID
(450 mm)		AASHTO H-10	H-20	AASHTO H-20
24"	2824AG	PEDESTRIAN	STANDARD AASHTO	SOLID
(600 mm)		AASHTO H-10	H-20	AASHTO H-20
30"	2830AG	PEDESTRIAN	STANDARD AASHTO	SOLID
(750 mm)		AASHTO H-20	H-20	AASHTO H-20

STORMTECH CHAMBER SYSTEM —

Sheet Number:

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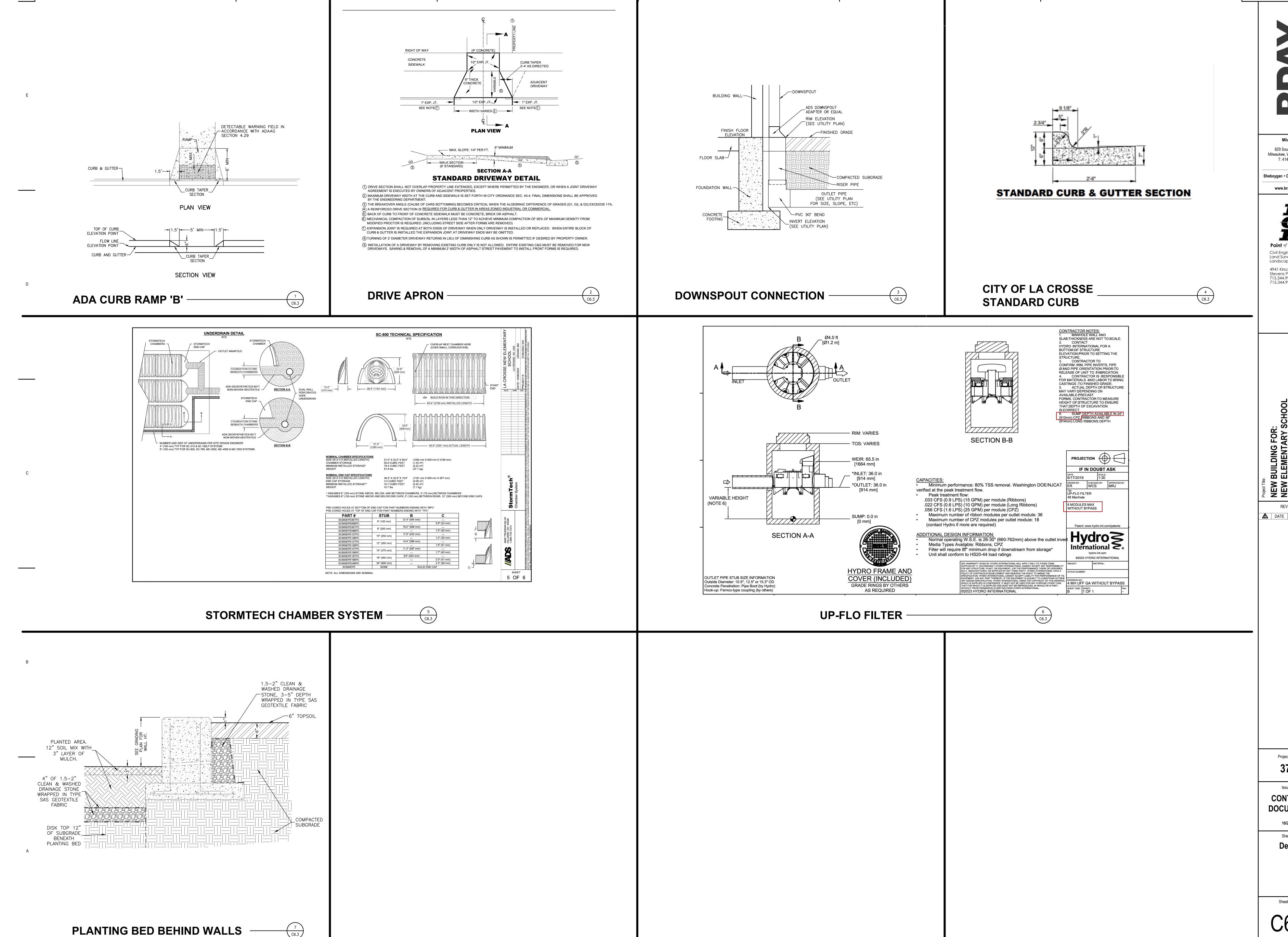
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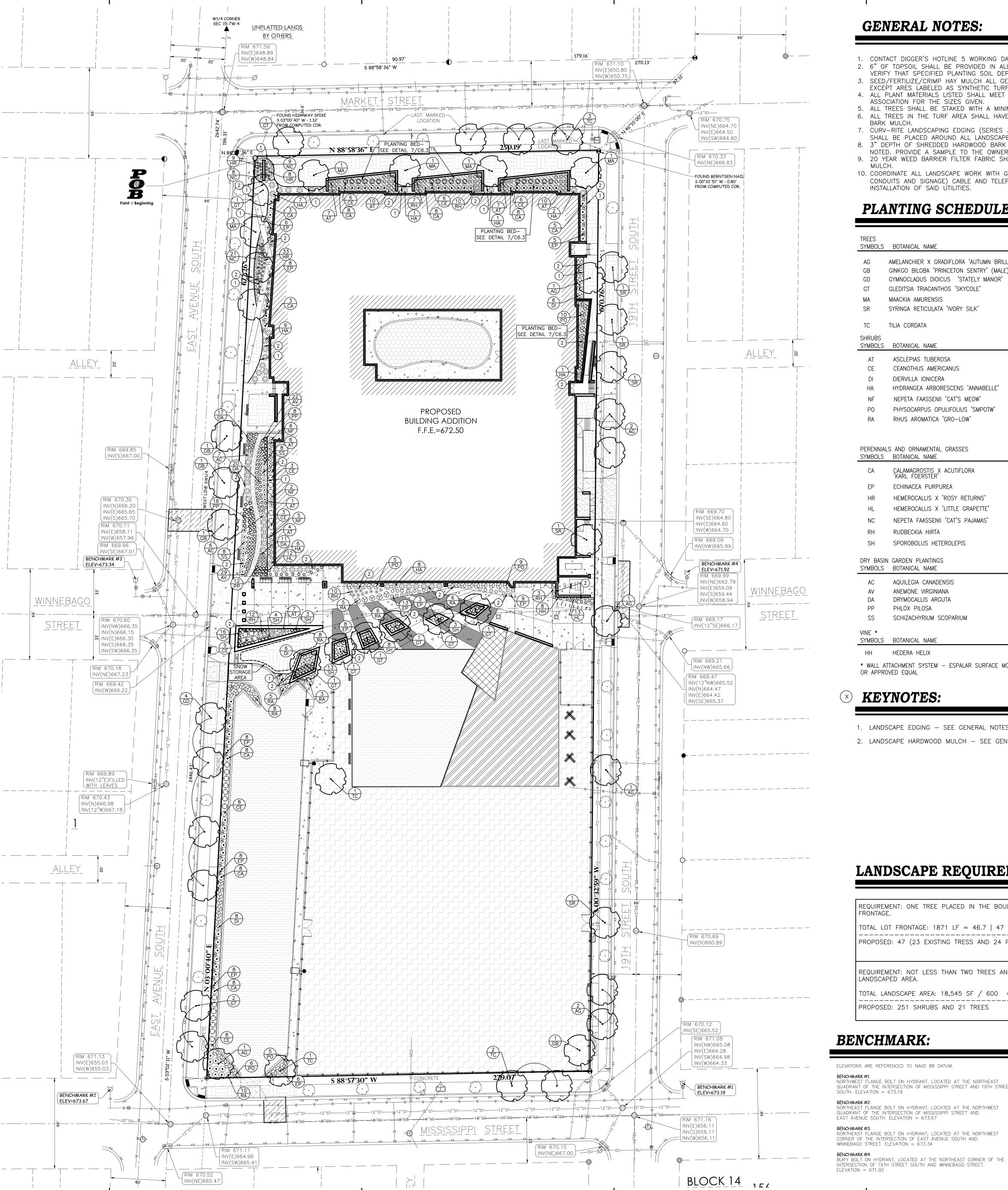
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【INV(NE)665.47】

#### **GENERAL NOTES:**

- 1. CONTACT DIGGER'S HOTLINE 5 WORKING DAYS PRIOR TO THE START OF DEMOLITION/CONSTRUCTION. 2. 6" OF TOPSOIL SHALL BE PROVIDED IN ALL GENERAL LANDSCAPE AREAS. LANDSCAPE CONTRACTOR SHALL
- VERIFY THAT SPECIFIED PLANTING SOIL DEPTH IS PRESENT PRIOR TO PLANTING. 3. SEED/FERTILIZE/CRIMP HAY MULCH ALL GENERAL LANDSCAPE AREAS DISTURBED DURING CONSTRUCTION
- EXCEPT ARES LABELED AS SYNTHETIC TURF. 4. ALL PLANT MATERIALS LISTED SHALL MEET THE STANDARDS OF THE AMERICAN NURSERY & LANDSCAPE
- ASSOCIATION FOR THE SIZES GIVEN. 5. ALL TREES SHALL BE STAKED WITH A MINIMUM OF THREE STAKES.
- 6. ALL TREES IN THE TURF AREA SHALL HAVE A 5' DIAMETER CIRCLE OF 4" DEPTH SHREDDED HARDWOOD BARK MULCH.
- 7. CURV-RITE LANDSCAPING EDGING (SERIES 3000 3/16" X 4", WITH MILL FINISH) OR APPROVED EQUAL SHALL BE PLACED AROUND ALL LANDSCAPE BEDS.
- 8. 3" DEPTH OF SHREDDED HARDWOOD BARK MULCH SHALL BE PLACED IN ALL LANDSCAPE PLANTING BEDS AS NOTED. PROVIDE A SAMPLE TO THE OWNER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- 9. 20 YEAR WEED BARRIER FILTER FABRIC SHALL BE PLACED BENEATH ALL LANDSCAPE HARDWOOD BARK
- 10. COORDINATE ALL LANDSCAPE WORK WITH GAS, ELECTRIC, (INCLUDING MAIN SERVICE, SITE LIGHTING, CONDUITS AND SIGNAGE) CABLE AND TELEPHONE CONSTRUCTION AND RESPECTIVE TRADES FOR THE INSTALLATION OF SAID UTILITIES.

# PLANTING SCHEDULE:

TREES SYMBOLS	BOTANICAL NAME	COMMON NAME	INSTALLATION SIZE	SIZE AT MATURITY	QU
AG	AMELANCHIER X GRADIFLORA 'AUTUMN BRILLIANC	E' APPLE SERVICEBERRY	2" CAL.	25'TX20'W	
GB	GINKGO BILOBA 'PRINCETON SENTRY' (MALE)	GINKGO	2" CAL.	50'TX25'W	
GD	GYMNOCLADUS DIOICUS 'STATELY MANOR'	KENTUCKY COFFEE TREE	2" CAL.	60'TX40'W	
GT	GLEDITSIA TRIACANTHOS 'SKYCOLE'	SKYLINE HONEYLOCUST	2" CAL.	45'TX35'W	
MA	MAACKIA AMURENSIS	AMUR MAACKIA	2" CAL.	25'TX20'W	
SR	SYRINGA RETICULATA 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	2" CAL. (SINGLE STEM)	25'TX25'W	
TC	TILIA CORDATA	LITTLE—LEAF LINDEN	2" CAL.	60'TX40'W	
SHRUBS SYMBOLS	BOTANICAL NAME	COMMON NAME	INSTALLATION SIZE	SIZE AT MATURITY	QUANT
AT	ASCLEPIAS TUBEROSA	BUTTERFLY WEED	5 GAL	2'T-1'W	52
CE	CEANOTHUS AMERICANUS	NEW JERSEY TEA	5 GAL	4'T-4'W	45
DI	DIERVILLA IONICERA	DWARF BUSH HONEYSUCKLE	5 GAL	3'T-3'W	20
HA	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE HYDRANGEA	5 GAL	5'T-5'W	35
NF	NEPETA FAASSENII 'CAT'S MEOW'	CAT'S MEOW CATMINT	5 GAL	20"T-3'W	13
PO	PHYSOCARPUS OPULIFOLIUS 'SMPOTW'	TINY WINE NINEBARK	5 GAL	3'T-4'W	35
RA	RHUS AROMATICA 'GRO-LOW'	FRAGRANT SUMAC	5 GAL	2'T-6'W	51
CA	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER FEATHER REED GRASS	24"	5'-7'T	59
EP	ECHINACEA PURPUREA	PURPLE CONEFLOWER	12"	36"T-18"W	85
HR	HEMEROCALLIS X 'ROSY RETURNS'	ROSY RETURNS DAYLILY	12"	18"T-24"'W	50
HL	HEMEROCALLIS X 'LITTLE GRAPETTE'	LITTLE GRAPETTE DWARF DAYLI		2'T-2'W	25
NC	NEPETA FAASSENII 'CAT'S PAJAMAS'	CAT'S PAJAMAS CATMINT	12"	14"T-20"W	38
RH	RUDBECKIA HIRTA	BLACK-EYED SUSAN	18"	24"T-18"W	44
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	12"	24"T-24"W	47
DRY BASIN	N GARDEN PLANTINGS BOTANICAL NAME	COMMON NAME	INSTALLATION SIZE	SIZE AT MATURITY	QUANT
	AQUILEGIA CANADENSIS	COLUMBINE	1 GAL	3'T-2'W	13
AC	ANEMONE VIRGINIANA	THIMBLEWOOD	1 GAL	2'T-1'W	51
AC AV		PRAIRIE CINQUEFOIL	1 GAL	3'T-2'W	48
AV DA	DRYMOCALLIS ARGUTA		1 GAL	1'T-1'W	36
AV DA PP	PHLOX PILOSA	PRAIRIE PHLOX		_!	
AV DA		PRAIRIE PHLOX LITTLE BLUESTEM	1 GAL	3'T-2'W	16
AV DA PP	PHLOX PILOSA SCHIZACHYRIUM SCOPARIUM		1 GAL	Γ	

### **KEYNOTES:**

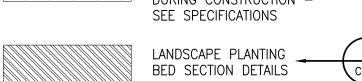
OR APPROVED EQUAL

1. LANDSCAPE EDGING - SEE GENERAL NOTES 2. LANDSCAPE HARDWOOD MULCH - SEE GENERAL NOTES

# HATCH LEGEND:

3'-0" WIDE DRY RIVER ROCK BED 1.5" - 2" MISSISSIPPI RIVER STONE INSTALL SOD WITHIN THIS LOCATION-SEE SPECIFICATIONS

> INSTALL TURF SEED WITHIN THIS LOCATION AS WELL AS ANY OTHER GREEN SPACE AREAS DISTURBED DURING CONSTRUCTION -



### LANDSCAPE REQUIREMENTS:

REQUIREMENT: ONE TREE PLACED IN THE BOULEVARD PER 40 LINEAR FEET OF LOT

TOTAL LOT FRONTAGE: 1871 LF = 46.7 | 47 TOTAL TREES REQUIRED

PROPOSED: 47 (23 EXISTING TRESS AND 24 PROPOSED)

REQUIREMENT: NOT LESS THAN TWO TREES AND EIGHT SHRUBS PER 600 SQUARE FEET OF LANDSCAPED AREA.

TOTAL LANDSCAPE AREA: 18,545 SF / 600 = 31 TOTAL TREES AND 248 SHRUBS REQUIRED 

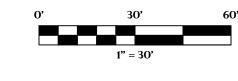
#### **BENCHMARK:**

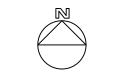
### **UTILITY DISCLAIMER:**

ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM. NORTHWEST FLANGE BOLT ON HYDRANT, LOCATED AT THE NORTHEAST QUADRANT OF THE INTERSECTION OF MISSISSIPPI STREET AND 19TH STREET SOUTH. ELEVATION = 673.19 NORTHEAST FLANGE BOLT ON HYDRANT, LOCATED AT THE NORTHWEST QUADRANT OF THE INTERSECTION OF MISSISSIPPI STREET AND EAST AVENUE SOUTH. ELEVATION = 673.67NORTHEAST FLANGE BOLT ON HYDRANT, LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF EAST AVENUE SOUTH AND WINNEBAGO STREET. ELEVATION = 673.34

THE LOCATIONS, SIZES, AND TYPES OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES OR SUBSTRUCTURES SHOW HEREON WERE OBTAINED FROM VISUAL INSPECTION, FIELD MEASUREMENTS, AND/OR AS-BUILT PLANS. SANITARY SEWER AND STORM SEWER PIPE SIZES, INVERTS, DIRECTION, AND LOCATIONS BETWEEN MANHOLES ARE SUPPLEMENTED BY AS-BUILT PLANS AND/OR ESTIMATED BASED ON FIELD OBSERVATIONS. PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES SHOWN HEREON, IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND SIZES BE FIELD VERIFIED. THE LOCATIONS SHOWN HEREON ARE ONLY APPROXIMATE, WITH POSSIBILITY THAT ADDITIONAL UTILITY LINES NOT DISCOVERED, OR MAKED, DURING THE SEARCH OF RECORDS ADMITTED FIELD SURVEY MAY EXIST. ANY CONTRACTOR USING THE INFORMATION SHOWN HEREON IS HEREBY FOREWARNED THAT ANY EXCAVATION UPON THIS SITE MAY RESULT IN THE DISCOVERY OF ADDITIONAL UNDERGROUND UTILITIES NOT SHOWN HEREON. IN GENERAL, UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITY MARKINGS, BY OTHERS, AND/OR AS-BUILT PLANS, PROVIDED BY OTHERS. POINT OF BEGINNING MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THE EXISTING UTILITIES SHOWN HEREON, AND BELIEVES THAT THE INFORMATION CONTAINED HEREIN IS RELIABLE

AND GENERALLY ACCURATE FOR THE PURPOSE INTENDED.







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