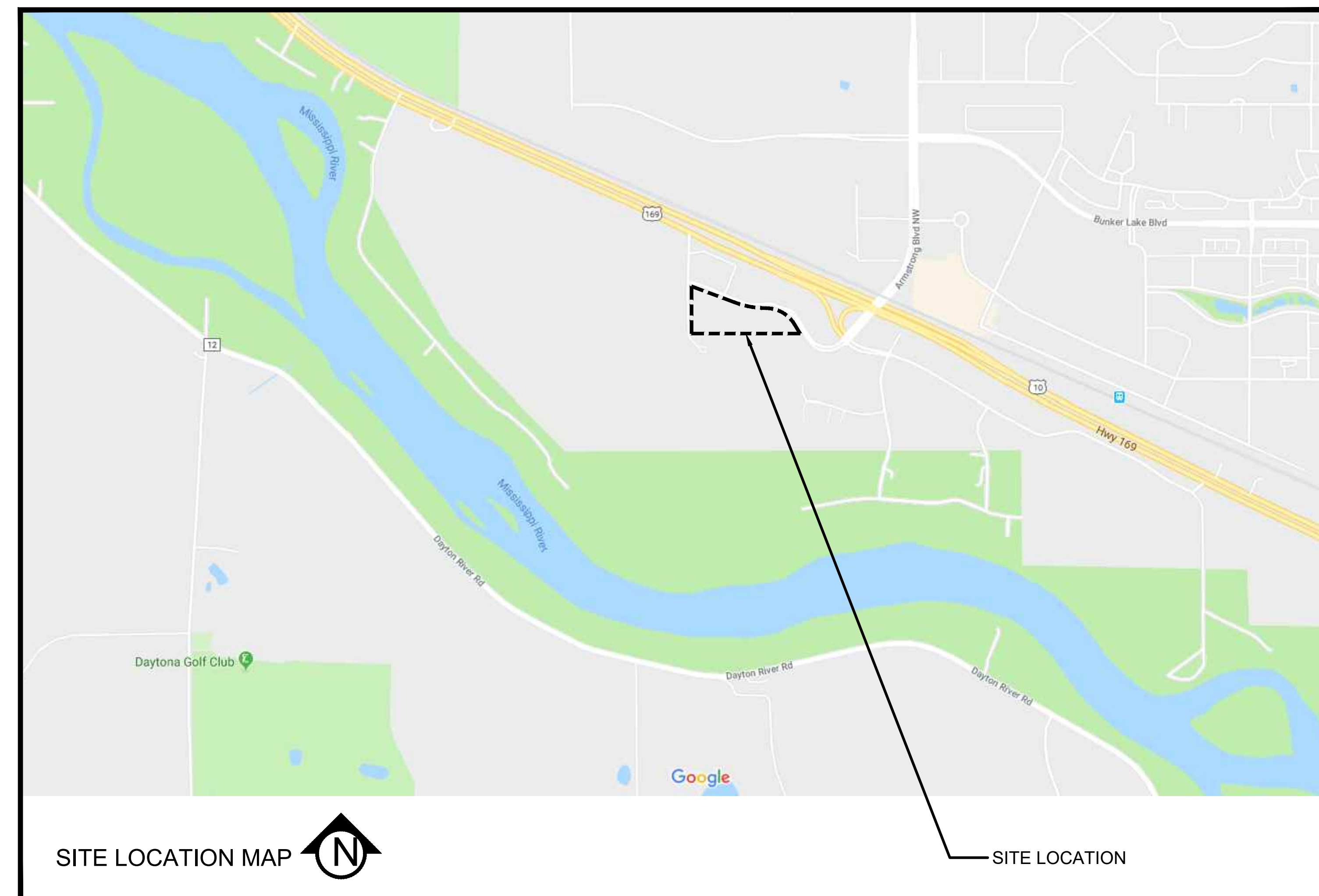


LAZYDAYS OF MINNEAPOLIS

RAMSEY, MINNESOTA

ISSUED FOR: WATERSHED SUBMITTAL



LAZYDAYS OF RAMSEY
 RIVERDALE DRIVE NW., RAMSEY, MN
LAZYDAYS OF RAMSEY
 8390 HIGHWAY 10 NW, ANOKA, MN 55303

ARCHITECT
 LAMPERT ARCHITECTS
 420 SUMMIT AVENUE
 ST. PAUL, MN 55102
 763-755-1211

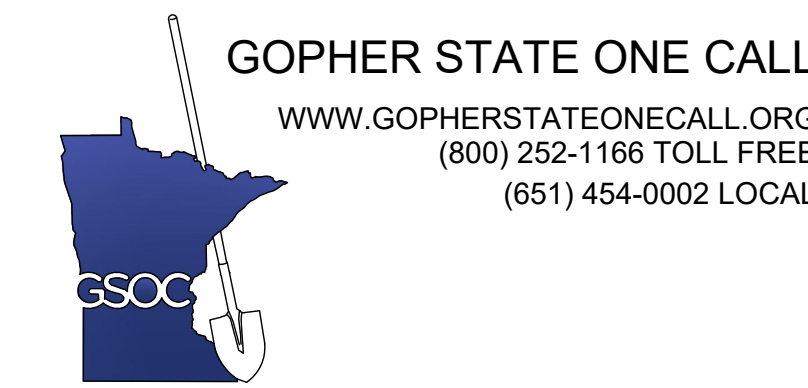
DEVELOPER / PROPERTY OWNER:
 LAZYDAYS OF MINNEAPOLIS
 8390 HIGHWAY 10 NW
 ANOKA, MN 55303

ENGINEER / LANDSCAPE ARCHITECT:
 CIVIL SITE GROUP
 4931 W 35TH STREET
 SUITE 200
 ST LOUIS PARK, MN 55416
 612-615-0060

SURVEYOR:
 CIVIL SITE GROUP
 4931 W 35TH STREET
 SUITE 200
 ST LOUIS PARK, MN 55416
 612-615-0060

GEOTECHNICAL ENGINEER:
 PARTNER ENGINEERING AND SCIENCE
 2154 TORRANCE BOULEVARD
 SUITE 200
 TORRANCE, CA 90501

| MASTER LEGEND: | |
|----------------|---|
| 1125 | EX. 1' CONTOUR ELEVATION INTERVAL |
| X 1137.12 | EXISTING SPOT GRADE ELEVATION |
| 1137 | 1.0' CONTOUR ELEVATION INTERVAL |
| 41.26 | SPOT GRADE ELEVATION (GUTTERFLOW LINE UNLESS OTHERWISE NOTED) |
| 891.00 G | SPOT GRADE ELEVATION TOP OF CURB (GUTTER TOP) |
| 891.00 TC | SPOT GRADE ELEVATION TOP OF WALL |
| 891.00 BS/TS | SPOT GRADE ELEVATION BOTTOM OF WALL |
| → | DRAINAGE ARROW |
| → EOP=1135.52 | EMERGENCY OVERFLOW |
| --- | SILT FENCE / BIOROLL - GRADING LIMIT |
| □ | INLET PROTECTION |
| □ | STABILIZED CONSTRUCTION ENTRANCE |
| SB-1 | SOIL BORING LOCATION |
| --- | CURB AND GUTTER (T.O = TIP OUT) |
| ○ | EXISTING MANHOLE |
| □ | EXISTING CATCH BASIN |
| ⊕ | EXISTING HYDRANT |
| ● | PROPOSED MANHOLE STORM |
| ■ | PROPOSED CATCH BASIN OR CATCH BASIN MANHOLE STORM |
| ⊕ | PROPOSED GATE VALVE |
| ⊕ | PROPOSED FIRE HYDRANT |
| ○ | PROPOSED MANHOLE SANITARY |
| ⊕ | PROPOSED SIGN |
| ⊕ | PROPOSED LIGHT |
| → | PROPOSED SANITARY SEWER |
| → | PROPOSED STORM SEWER |
| → | PROPOSED WATER MAIN |
| → | EXISTING SANITARY SEWER |
| → | EXISTING STORM SEWER |
| → | EXISTING WATER MAIN |
| → | EXISTING GAS MAIN |
| → | EXISTING UNDERGROUND ELECTRIC |
| → | EXISTING UNDERGROUND CABLE |
| ⊕ | EXISTING STOPBOX |
| ⊕ | EXISTING GATE VALVE |
| ⊕ | EXISTING ELECTRIC BOX |
| ⊕ | EXISTING LIGHT |
| ⊕ | EXISTING GAS METER |
| ⊕ | EXISTING GAS VALVE |



| SHEET INDEX | |
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| SHEET NUMBER | SHEET TITLE |
| C0.0 | TITLE SHEET |
| V1.0 | SITE SURVEY |
| V2.0 | FINAL PLAN |
| C1.0 | REMOVALS PLAN |
| C1.1 | TREE PRESERVATION PLAN |
| C2.0 | OVERALL SITE PLAN |
| C2.1 | SITE PLAN |
| C3.0 | GRADING PLAN |
| C4.0 | ON-SITE UTILITY PLAN |
| C4.1 | UTILITY EXTENSION - OVERALL |
| C4.2 | WATERMAIN AND SANITARY SEWER - STA 00+00 TO STA 08+21 |
| C4.3 | WATERMAIN AND SANITARY SEWER - STA 08+21 TO STA 13+50 |
| C4.4 | WATERMAIN AND SANITARY SEWER - STA 13+50 TO STA 18+72 |
| C4.5 | WATERMAIN AND SANITARY SEWER - STA 18+72 TO STA 27+21 |
| L1.0 | LANDSCAPE PLAN |
| C5.0 | DETAILS |
| C5.1 | DETAILS |
| LT1.0 | PHOTOMETRIC PLAN |
| LT1.1 | PHOTOMETRIC PLAN DETAILS |
| SW1.0 | SWPPP - EXISTING CONDITIONS |
| SW1.1 | SWPPP - PROPOSED CONDITIONS |
| SW1.2 | SWPPP - DETAILS |
| SW1.3 | SWPPP - NARRATIVE |
| SW1.4 | SWPPP - ATTACHMENTS |
| SW1.5 | SWPPP - ATTACHMENTS |

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Matthew R. Pavik
 Matthew R. Pavik
 DATE 09/10/18, LICENSE NO. 44263

ISSUE/SUBMITTAL SUMMARY

| DATE | DESCRIPTION |
|----------|-------------------------|
| 02/06/18 | CITY SUBMITTAL |
| 09/19/18 | CITY RESUBMITTAL |
| 10/19/18 | COUNTY TECHNICAL REVIEW |
| 10/19/18 | CITY RESUBMITTAL |
| 10/22/18 | CITY RESUBMITTAL |

REVISION SUMMARY

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |

PROJECT NUMBER: 18213

TITLE SHEET

C0.0

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TREE SURVEY:

ON-SITE TREE INVENTORY

| TREE TAG NO. | SPECIES | TRUNK SIZES | | | TYPE | REMOVED | SIGNIF. 2 |
|--------------|---------|-------------|---|---|------|---------|-----------|
| | | 1 | 2 | 3 | | | |
| 1702 | ELM | 6 | | | D | | |
| 1711 | OAK | 4 | | | D | X | X |
| 1720 | OAK | 4 | | | D | X | X |
| 1723 | OAK | 4 | | | D | X | X |
| 1725 | PINE | 4 | | | C | X | X |
| 1726 | SPRUCE | 4 | | | C | X | X |
| ③ 1727 | PINE | 4 | | | C | X | X |
| ③ 1728 | PINE | 4 | | | C | X | X |
| ③ 1729 | PINE | 4 | | | C | X | X |
| ③ 1730 | PINE | 4 | | | C | X | X |
| ③ 1716 | SPRUCE | 4 | | | C | X | X |
| 1739 | CEDAR | 4 | | | C | | X |
| 1744 | CEDAR | 4 | | | C | | X |
| 1752 | CEDAR | 4 | | | C | | X |
| 1753 | CEDAR | 4 | | | C | | X |
| 1758 | CEDAR | 4 | | | C | | X |

OFF-SITE TREES INVENTORIED

| | | |
|--------|------|---|
| ③ 1727 | PINE | 4 |
| ③ 1728 | PINE | 4 |
| ③ 1729 | PINE | 4 |
| ③ 1730 | PINE | 4 |

| SIGNIFICANT TREES ON-SITE | NUMBER | CAL. INCHES |
|---------------------------|--------|-------------|
| | 11 | 44 |

| | | |
|---------------|----|----|
| TOTAL ON-SITE | 12 | 50 |
|---------------|----|----|

| | | |
|-----------------------|---|----|
| SIGNIFICANT REMOVED | 8 | 32 |
| SIGNIFICANT PRESERVED | 7 | 28 |

| | | |
|------------------------------|-----|----|
| ALLOWABLE TREE REMOVAL (30%) | 3.6 | 15 |
| EXCESS TREE REMOVALS | 4.4 | 17 |

TREE REPLACEMENT REQUIREMENT:

FOR EVERY ONE SIGNIFICANT TREE INCH THAT IS REMOVED IN EXCESS OF THE REMOVAL THRESHOLD, THE DEVELOPER SHALL REPLANT 1.25 INCHES (DIAMETER) OF NEW TREES.

| | | |
|-----------------------------|-----|-------|
| TREE REPLACEMENTS REQUIRED: | 8.5 | 21.25 |
|-----------------------------|-----|-------|

REMOVALS LEGEND:

- EX. 1' CONTOUR ELEVATION INTERVAL
- REMOVAL OF PAVEMENT AND ALL BASE MATERIAL, INCLUDING BIT., CONC., AND GRAVEL PAVTS.
- REMOVAL OF STRUCTURE INCLUDING ALL FOOTINGS AND FOUNDATIONS.
- REMOVE CURB AND GUTTER, IF IN RIGHT-OF-WAY, COORDINATE WITH LOCAL GOVERNING UNIT.
- TREE PROTECTION FENCING
- TREE REMOVAL - INCLUDING ROOTS AND STUMPS
- CONSTRUCTION LIMITS

GOPHER STATE ONE CALL
WWW.GOPHERSTATEONECALL.ORG
(800) 252-1166 TOLL FREE
(651) 454-0302 LOCAL

1" = 40'-0"
20'-0" 0 40'-0"

LAZYDAYS OF RAMSEY
RIVERDALE DRIVE NW., RAMSEY, MN
LAZYDAYS OF RAMSEY
8390 HIGHWAY 10 NW, ANOKA, MN 55303

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Matthew R. Pawik
DATE: 09/10/18 LICENSE NO. 44263

ISSUE/SUBMITTAL SUMMARY

| DATE | DESCRIPTION |
|----------|-------------------------|
| 07/09/18 | CITY SUBMITTAL |
| 08/10/18 | CITY RESUBMITTAL |
| 08/19/18 | COUNTY TECHNICAL REVIEW |
| 10/19/18 | CITY RESUBMITTAL |
| 10/22/18 | CITY RESUBMITTAL |

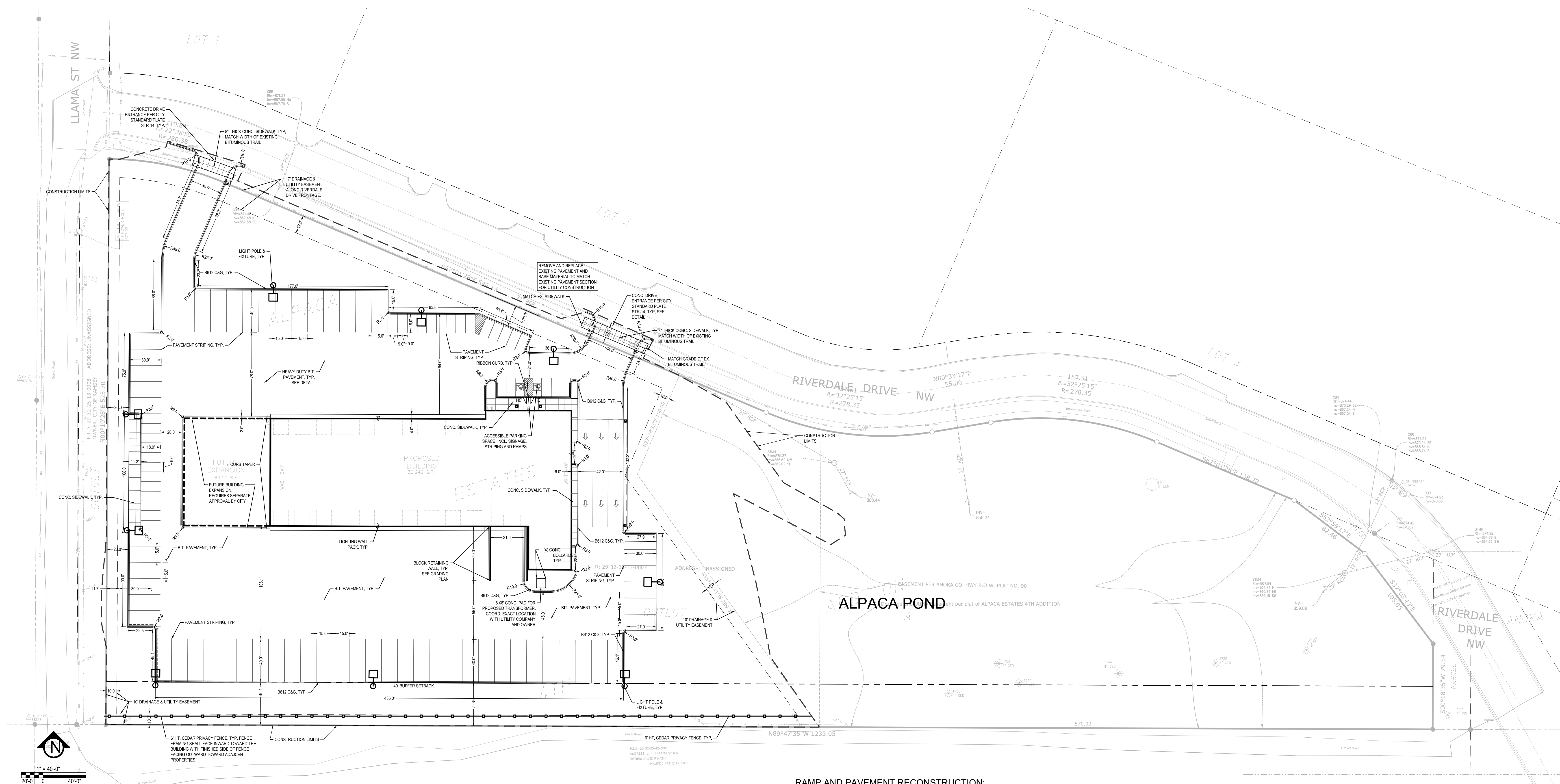
REVISION SUMMARY

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |

PROJECT NUMBER: 18213

TREE PRESERVATION PLAN

C1.1



CITY OF RAMSEY SITE SPECIFIC NOTES:

- RESERVED FOR CITY SPECIFIC NOTES.

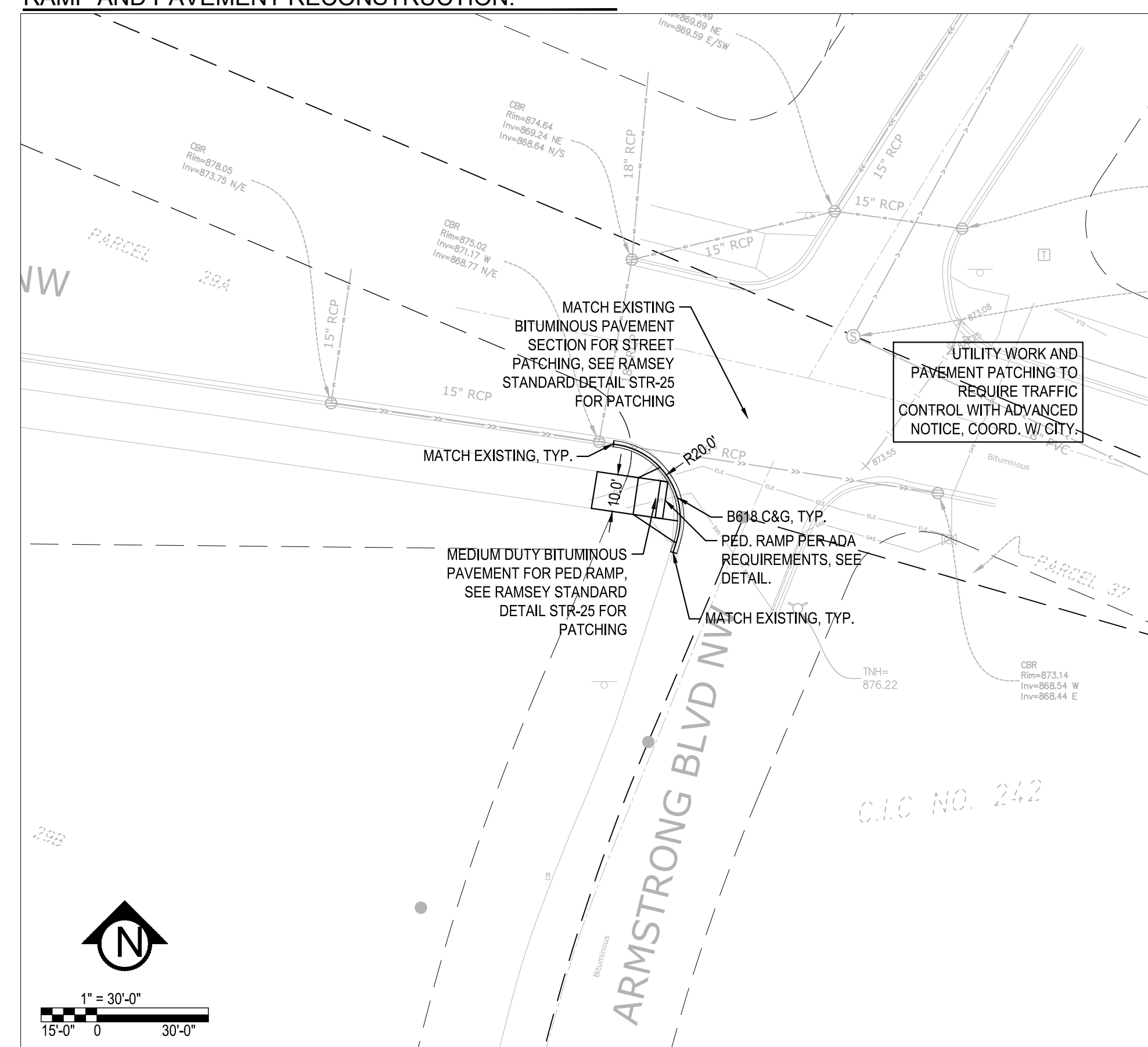
SITE AREA TABLE:

| SITE AREA CALCULATIONS | | EXISTING CONDITION | PROPOSED CONDITION |
|---------------------------|-------------------|--------------------|--------------------------|
| BUILDING COVERAGE | 0 SF | 0.0% | 30,240 SF 12.6% |
| ALL PAVEMENTS | 0 SF | 0.0% | 127,368 SF 52.9% |
| ALL NON-PAVEMENTS | 240,800 SF | 100.0% | 83,192 SF 34.5% |
| TOTAL SITE AREA | 240,800 SF | 100.0% | 240,800 SF 100.0% |
| IMPERVIOUS SURFACE | | | |
| EXISTING CONDITION | 0 SF | 0.0% | |
| PROPOSED CONDITION | 157,608 SF | 65.5% | |
| DIFFERENCE (EX. VS PROP.) | 157,608 SF | 65.5% | |

SITE LAYOUT NOTES:

- CONTRACTOR SHALL VERIFY LOCATIONS AND LAYOUT OF ALL SITE ELEMENTS PRIOR TO BEGINNING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, LOCATIONS OF EXISTING AND PROPOSED PROPERTY LINES, EASEMENTS, SETBACKS, UTILITIES, BUILDINGS AND PAVEMENTS. CONTRACTOR IS RESPONSIBLE FOR FINAL LOCATIONS OF ALL ELEMENTS FOR THE SITE. ANY REVISIONS REQUIRED AFTER COMMENCEMENT OF CONSTRUCTION, DUE TO LOCAL ADJUSTMENTS SHALL BE CORRECTED AT NO ADDITIONAL COST TO OWNER. ADJUSTMENTS TO THE LAYOUT SHALL BE APPROVED BY THE ENGINEER/LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF MATERIALS. STAKE LAYOUT FOR APPROVAL.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION, INCLUDING A RIGHT-OF-WAY AND STREET OPENING PERMIT.
- THE CONTRACTOR SHALL VERIFY RECOMMENDATIONS NOTED IN THE GEO TECHNICAL REPORT PRIOR TO INSTALLATION OF SITE IMPROVEMENT MATERIALS.
- CONTRACTOR SHALL FIELD VERIFY COORDINATES AND LOCATION DIMENSIONS OF THE BUILDING AND STAKE FOR REVIEW AND APPROVAL BY THE OWNERS REPRESENTATIVE PRIOR TO INSTALLATION OF FOOTING MATERIALS.
- LOCATIONS OF STRUCTURES, ROADWAY PAVEMENTS, CURBS AND GUTTERS, BOLLARDS, AND WALKS ARE APPROXIMATE AND SHALL BE STAKED IN THE FIELD, PRIOR TO INSTALLATION, FOR REVIEW AND APPROVAL BY THE ENGINEER/LANDSCAPE ARCHITECT.
- CURB DIMENSIONS SHOWN ARE TO FACE OF CURB. BUILDING DIMENSIONS ARE TO FACE OF CONCRETE FOUNDATION. LOCATION OF BUILDING IS TO BUILDING FOUNDATION AND SHALL BE AS SHOWN ON THE DRAWINGS.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OR SAMPLES AS SPECIFIED FOR REVIEW AND APPROVAL BY THE ENGINEER/LANDSCAPE ARCHITECT PRIOR TO FABRICATION FOR ALL PREFABRICATED SITE IMPROVEMENT MATERIALS SUCH AS, BUT NOT LIMITED TO THE FOLLOWING, FURNISHINGS, PAVEMENTS, WALLS, RAILINGS, BENCHES, FLAGPOLES, LANDING PADS FOR CURB RAMPS, AND LIGHT AND POLES. THE OWNER RESERVES THE RIGHT TO REJECT INSTALLED MATERIALS NOT PREVIOUSLY APPROVED.
- PEDESTRIAN CURB RAMPS SHALL BE CONSTRUCTED WITH TRUNCATED DOME LANDING AREAS IN ACCORDANCE WITH A.D.A. REQUIREMENTS-SEE DETAIL.
- SEE SITE PLAN FOR CURB AND GUTTER TYPE. TAPER BETWEEN CURB TYPES-SEE DETAIL.
- ALL CURB RADII ARE MINIMUM 3' UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL REFER TO FINAL PLAT FOR LOT BOUNDARIES, NUMBERS, AREAS AND DIMENSIONS PRIOR TO SITE IMPROVEMENTS.
- FIELD VERIFY ALL EXISTING SITE CONDITIONS, DIMENSIONS.
- PARKING IS TO BE SET PARALLEL OR PERPENDICULAR TO EXISTING BUILDING UNLESS NOTED OTHERWISE.
- ALL PARKING LOT PAINT STRIPING TO BE WHITE, 4" WIDE TYP.
- BITUMINOUS PAVING TO BE "LIGHT DUTY" UNLESS OTHERWISE NOTED. SEE DETAIL SHEETS FOR PAVEMENT SECTIONS.
- ALL TREES THAT ARE TO REMAIN ARE TO BE PROTECTED FROM DAMAGE WITH A CONSTRUCTION FENCE AT THE DRIP LINE. SEE LANDSCAPE DOCUMENTS.
- ALL FENCES TO BE LIMITED TO A MAXIMUM OF 8'.

RAMP AND PAVEMENT RECONSTRUCTION:



SITE PLAN LEGEND:

- HEAVY DUTY BITUMINOUS PAVEMENT. SEE DETAILS FOR AGGREGATE BASE & WEAR COURSE DEPTH.
- CONCRETE PAVING AS SPECIFIED (PAD OR WALK) SEE GEOTECHNICAL REPORT FOR AGGREGATE BASE & CONCRETE DEPTHS. SEE DETAIL.
- PROPERTY LINE
- EASEMENT
- CONSTRUCTION LIMITS
- CURB AND GUTTER (TO=TOP OUT WHERE NOTED)
- CEDAR FENCE
- LIGHT POLE/FITTURE, SEE PHOTOMETRIC PLAN, LT.1.0 & LT.1.1.
- TRAFFIC DIRECTIONAL ARROW PAVEMENT MARKINGS
- SIGN AND POST ASSEMBLY. SHOP DRAWINGS REQUIRED.
- HC = ACCESSIBLE SIGN
- NP = NO PARKING FIRE LANE
- ST = STOP
- CP = COMPACT CAR PARKING ONLY

LAZYDAYS OF RAMSEY

RIVERDALE DRIVE NW., RAMSEY, MN
LAZYDAYS OF RAMSEY
8390 HIGHWAY 10 NW, ANOKA, MN 55303

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Matthew R. Pavik
DATE: 09/10/18, LICENSE NO. 44263.

ISSUE/SUBMITTAL SUMMARY

| DATE | DESCRIPTION |
|----------|-------------------------|
| 02/09/18 | CITY SUBMITTAL |
| 09/18/18 | CITY RESUBMITTAL |
| 09/18/18 | COUNTY TECHNICAL REVIEW |
| 10/18/18 | CITY RESUBMITTAL |
| 10/22/18 | CITY RESUBMITTAL |

REVISION SUMMARY

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |

PROJECT NUMBER: 18213

OVERALL SITE PLAN

C2.0



LAZYDAYS OF RAMSEY

RIVERDALE DRIVE NW., RAMSEY, MN
LAZYDAYS OF RAMSEY
8390 HIGHWAY 10 NW, ANOKA, MN 55303

PROJECT

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Matthew R. Pavik
DATE: 09/10/18, LICENSE NO. 44263

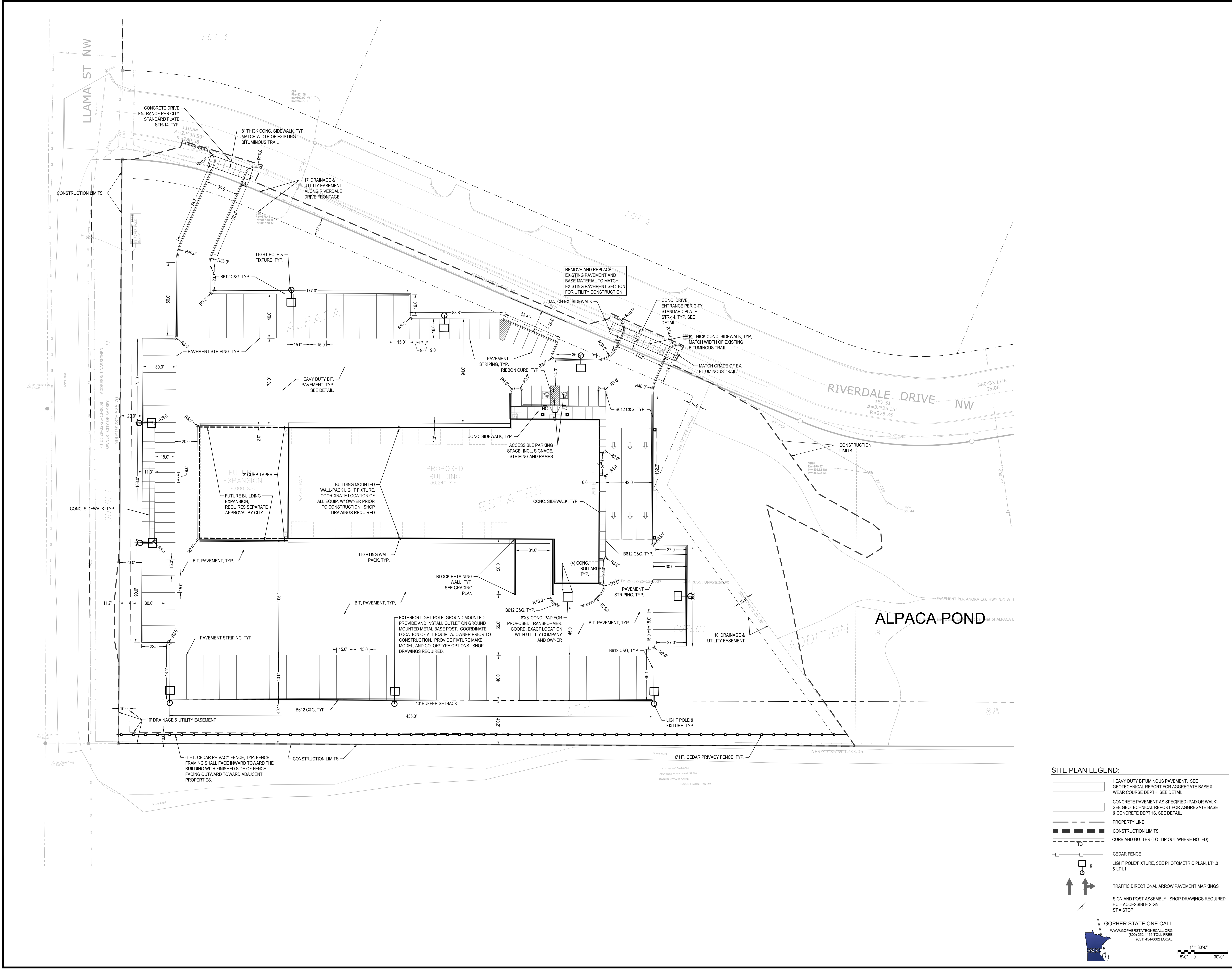
| ISSUE/SUBMITTAL SUMMARY | |
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| 10/18/18 | CITY RESUBMITTAL |
| 10/22/18 | CITY RESUBMITTAL |

| REVISION SUMMARY | |
|------------------|-------------|
| DATE | DESCRIPTION |
| | |
| | |
| | |

PROJECT NUMBER: 18213

SITE PLAN

C2.1



SITE PLAN LEGEND:

| | |
|--|---|
| | HEAVY DUTY BITUMINOUS PAVEMENT. SEE GEOTECHNICAL REPORT FOR AGGREGATE BASE & WEAR COURSE DEPTH. SEE DETAIL. |
| | CONCRETE PAVEMENT AS SPECIFIED (PAD OR WALK). SEE GEOTECHNICAL REPORT FOR AGGREGATE BASE & CONCRETE DEPTHS. SEE DETAIL. |
| | PROPERTY LINE |
| | CONSTRUCTION LIMITS |
| | CURB AND GUTTER (TO-TIP OUT WHERE NOTED) |
| | CEDAR FENCE |
| | LIGHT POLE/FIXTURE. SEE PHOTOMETRIC PLAN, LT1.0 & LT1.1. |
| | TRAFFIC DIRECTIONAL ARROW PAVEMENT MARKINGS |
| | SIGN AND POST ASSEMBLY. SHOP DRAWINGS REQUIRED. HC = ACCESSIBLE SIGN ST = STOP |

GOPHER STATE ONE CALL
WWW.GOPHERSTATEONECALL.ORG
(800) 252-1166 TOLL FREE
(651) 454-0002 LOCAL

1" = 30'-0"
15'-0" 0 30'-0"

NON STORM WATER DISCHARGES:

THERE ARE NO KNOWN NON-STORM WATER DISCHARGES ON THE EXISTING SITE AND NONE ARE PROPOSED AS PART OF THIS DEVELOPMENT.

GROUNDWATER STATEMENT:

THIS PROJECT DOES NOT PROPOSE ANY PERMANENT GROUNDWATER DISCHARGE TO THE STORM WATER SYSTEM.

OWNER, DEVELOPER, CONTRACTOR SIGNED STATEMENT

ALL CLEARING, GRADING, CONSTRUCTION OR DEVELOPMENT WILL BE DONE PURSUANT TO THE PLAN, SIGNED BY PARTIES BELOW:

OWNER: _____
DEVELOPER: _____
CONTRACTOR: _____

EROSION CONTROL NOTES:

SEE SWPPP ON SHEETS SW1.0-SW1.5

GROUNDWATER INFORMATION:

PER GEOTECHNICAL REPORT BY XXXX, DATED XX-XX-18 GROUNDWATER WAS NOT OBSERVED IN BORINGS.

CITY OF RAMSEY GRADING NOTES:

- RESERVED FOR CITY SPECIFIC GRADING NOTES.

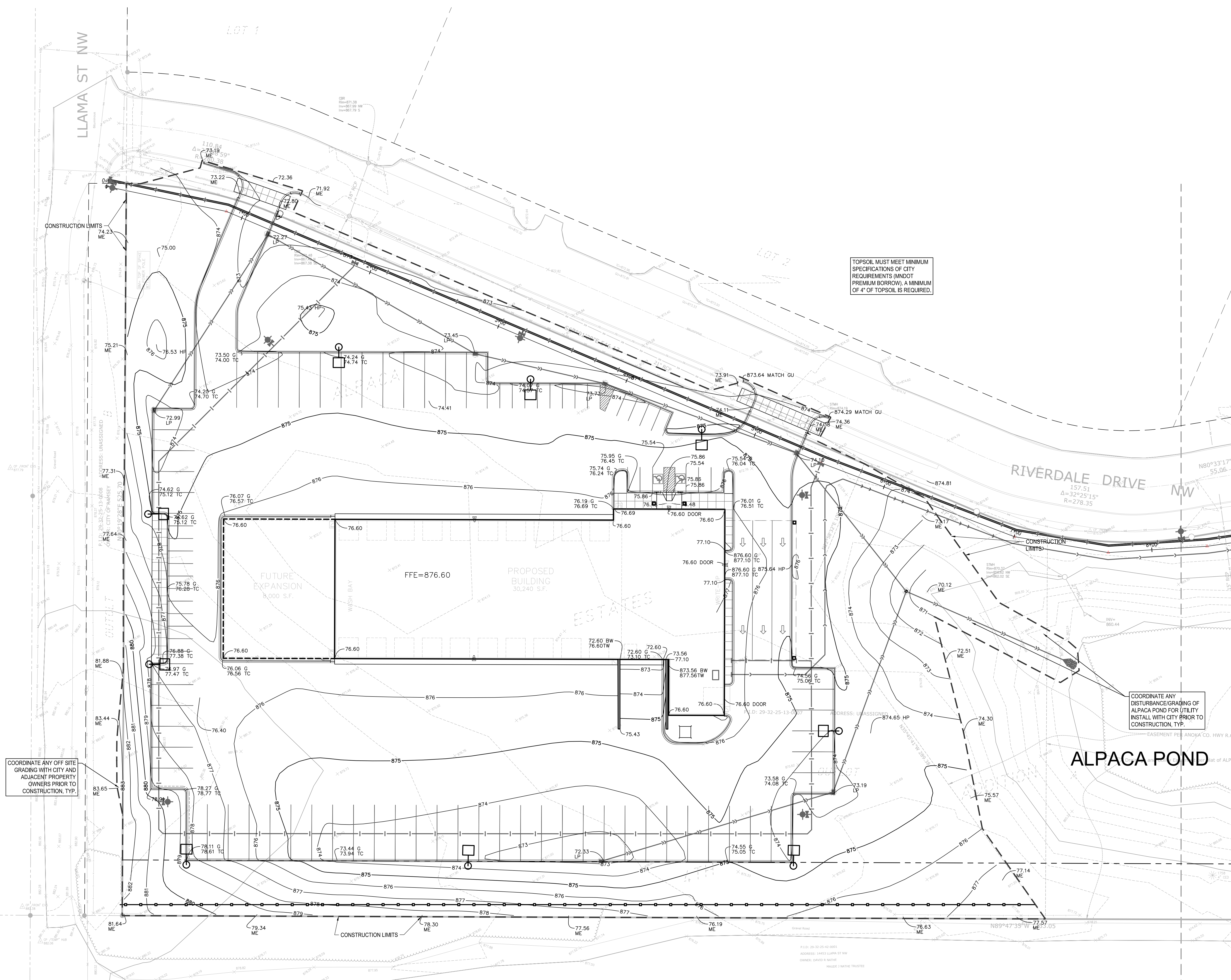
GENERAL GRADING NOTES:

- SEE SITE PLAN FOR HORIZONTAL LAYOUT & GENERAL GRADING NOTES.
- THE CONTRACTOR SHALL COMPLETE THE SITE GRADING CONSTRUCTION (INCLUDING BUT NOT LIMITED TO SITE PREPARATION, SOIL CORRECTION, EXCAVATION, EMBANKMENT, ETC.) IN ACCORDANCE WITH THE REQUIREMENTS OF THE OWNER'S SOILS ENGINEER. ALL SOIL TESTING SHALL BE COMPLETED BY THE OWNER'S SOILS ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED SOIL TESTS AND INSPECTIONS WITH THE SOILS ENGINEER.
- ANY ELEMENTS OF AN EARTH RETENTION SYSTEM AND RELATED EXCAVATIONS THAT FALL WITHIN THE PUBLIC RIGHT OF WAY WILL REQUIRE A "RIGHT OF WAY EXCAVATION PERMIT". CONTRACTOR IS RESPONSIBLE FOR ACQUIRING THIS PERMIT PRIOR TO CONSTRUCTION IF APPLICABLE.
- GRADING AND EXCAVATION ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS & PERMIT REQUIREMENTS OF THE CITY.
- PROPOSED SPOT GRADES ARE FLOW-LINE FINISHED GRADE ELEVATIONS, UNLESS OTHERWISE NOTED.
- GRADES OF WALKS SHALL BE INSTALLED WITH 5% MAX. LONGITUDINAL SLOPE AND 1% MIN. AND 2% MAX. CROSS SLOPE, UNLESS OTHERWISE NOTED.
- PROPOSED SLOPES SHALL NOT EXCEED 3:1 UNLESS INDICATED OTHERWISE ON THE DRAWINGS. MAXIMUM SLOPES IN MAINTAINED AREAS IS 4:1
- PROPOSED RETAINING WALLS, FREESTANDING WALLS, OR COMBINATION OF WALL TYPES GREATER THAN 4' IN HEIGHT SHALL BE DESIGNED AND ENGINEERED BY A REGISTERED RETAINING WALL ENGINEER. DESIGN DRAWINGS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF GRADE STAKES THROUGHOUT THE DURATION OF CONSTRUCTION TO ESTABLISH PROPER GRADES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR A FINAL FIELD CHECK OF FINISHED GRADES ACCEPTABLE TO THE ENGINEER/LANDSCAPE ARCHITECT PRIOR TO TOPSOIL AND SODDING ACTIVITIES.
- IF EXCESS OR SHORTAGE OF SOIL MATERIAL EXISTS, THE CONTRACTOR SHALL TRANSPORT ALL EXCESS SOIL MATERIAL OFF THE SITE TO AN AREA SELECTED BY THE CONTRACTOR, OR IMPORT SUITABLE MATERIAL TO THE SITE.
- EXCAVATE TOPSOIL FROM AREAS TO BE FURTHER EXCAVATED OR REGRADED AND STOCKPILE IN AREAS DESIGNATED ON THE SITE. THE CONTRACTOR SHALL SALVAGE ENOUGH TOPSOIL FOR RESPREADING ON THE SITE AS SPECIFIED. EXCESS TOPSOIL SHALL BE PLACED IN EMBANKMENT AREAS OUTSIDE OF BUILDING PADS, ROADWAYS AND PARKING AREAS. THE CONTRACTOR SHALL SUBCUT CUT AREAS WHERE TURF IS TO BE ESTABLISHED, TO A DEPTH OF 6 INCHES. RESPREAD TOPSOIL IN AREAS WHERE TURF IS TO BE ESTABLISHED TO A MINIMUM DEPTH OF 6 INCHES.
- FINISHED GRADING SHALL BE COMPLETED. THE CONTRACTOR SHALL UNIFORMLY GRADE AREAS WITHIN LIMITS OF GRADING, INCLUDING ADJACENT TRANSITION AREAS. PROVIDE A SMOOTH FINISHED SURFACE WITHIN SPECIFIED TOLERANCES, WITH UNIFORM LEVELS OR SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE SHOWN, OR BETWEEN SUCH POINTS AND EXISTING GRADES. AREAS THAT HAVE BEEN FINISH GRADED SHALL BE PROTECTED FROM SUBSEQUENT CONSTRUCTION OPERATIONS, TRAFFIC AND EROSION. REPAIR ALL AREAS THAT HAVE BECOME RUTTED BY TRAFFIC OR ERODED BY WATER OR HAS SETTLED BELOW THE CORRECT GRADE. ALL AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED TO EQUAL OR BETTER THAN ORIGINAL CONDITION OR TO THE REQUIREMENTS OF THE NEW WORK.
- PRIOR TO PLACEMENT OF THE AGGREGATE BASE, A TEST ROLL WILL BE REQUIRED ON THE STREET AND/OR PARKING AREA SUBGRADE. THE CONTRACTOR SHALL PROVIDE A LOADED TANDEM AXLE TRUCK WITH A GROSS WEIGHT OF 25 TONS. THE TEST ROLLING SHALL BE AT THE DIRECTION OF THE SOILS ENGINEER AND SHALL BE COMPLETED IN AREAS AS DIRECTED BY THE SOILS ENGINEER. THE SOILS ENGINEER SHALL DETERMINE WHICH SECTIONS OF THE STREET OR PARKING AREA ARE UNSTABLE. CORRECTION OF THE SUBGRADE SOILS SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SOILS ENGINEER. NO TEST ROLL SHALL OCCUR WITHIN 10' OF ANY UNDERGROUND STORM RETENTION/DETENTION SYSTEMS.
- TOLERANCES
 - THE BUILDING SUBGRADE FINISHED SURFACE ELEVATION SHALL NOT VARY BY MORE THAN 0.30 FOOT ABOVE, OR 0.30 FOOT BELOW, THE PRESCRIBED ELEVATION AT ANY POINT WHERE MEASUREMENT IS MADE.
 - THE STREET OR PARKING AREA SUBGRADE FINISHED SURFACE ELEVATION SHALL NOT VARY BY MORE THAN 0.05 FOOT ABOVE, OR 0.10 FOOT BELOW, THE PRESCRIBED ELEVATION OF ANY POINT WHERE MEASUREMENT IS MADE.
 - AREAS WHICH ARE TO RECEIVE TOPSOIL SHALL BE GRADED TO WITHIN 0.30 FOOT ABOVE OR BELOW THE REQUIRED ELEVATION, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
 - TOPSOIL SHALL BE GRADED TO PLUS OR MINUS 1/2 INCH OF THE SPECIFIED THICKNESS.
- MAINTENANCE
 - THE CONTRACTOR SHALL PROTECT NEWLY GRADED AREAS FROM TRAFFIC AND EROSION, AND KEEP AREA FREE OF TRASH AND DEBRIS.
 - CONTRACTOR SHALL REPAIR AND REESTABLISH GRADES IN SETTLED, ERODED AND RUTTED AREAS TO SPECIFIED GRADING DURING THE CONSTRUCTION, IF REQUIRED, AND DURING THE WARRANTY PERIOD. ERODED AREAS WHERE TURF IS TO BE ESTABLISHED SHALL BE RESEEDDED AND MULCHED.
 - WHERE COMPLETED COMPACTED AREAS ARE DISTURBED BY SUBSEQUENT CONSTRUCTION OPERATIONS OR ADVERSE WEATHER, CONTRACTOR SHALL SCARIFY, SURFACE, RESHAPE, AND COMPACT TO REQUIRED DENSITY PRIOR TO FURTHER CONSTRUCTION.

TOPSOIL MUST MEET MINIMUM SPECIFICATIONS OF CITY REQUIREMENTS (UNDOT PREMIUM BORROW), A MINIMUM OF 4" OF TOPSOIL IS REQUIRED.

COORDINATE ANY DISTURBANCE/GRADING OF ALPACA POND FOR UTILITY INSTALL WITH CITY PRIOR TO CONSTRUCTION, TYP.

COORDINATE ANY OFF SITE GRADING WITH CITY AND ADJACENT PROPERTY OWNERS PRIOR TO CONSTRUCTION, TYP.

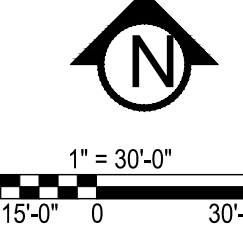


GRADING PLAN LEGEND:

- EX. 1' CONTOUR ELEVATION INTERVAL
- 1.0' CONTOUR ELEVATION INTERVAL
- SPOT GRADE ELEVATION BUILDING
- SPOT GRADE ELEVATION DOOR
- SPOT GRADE ELEVATION GUTTER
- SPOT GRADE ELEVATION TOP OF CURB
- SPOT GRADE ELEVATION LOW POINT
- SPOT GRADE ELEVATION HIGH POINT
- SPOT GRADE ELEVATION MATCH EXISTING
- CONSTRUCTION LIMITS
- CURB AND GUTTER (TO-TIP OUT WHERE NOTED)

EMERGENCY OVERFLOW
E.O.F.=1135.52

GOPHER STATE ONE CALL
WWW.GOPHERSTATEONECALL.ORG
(800) 252-1168 TOLL FREE
(651) 454-0062 LOCAL



LAZYDAYS OF RAMSEY
RIVERDALE DRIVE NW., RAMSEY, MN
LAZYDAYS OF RAMSEY
8330 HIGHWAY 10 NW, ANOKA, MN 55303

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Matthew R. Park
DATE: 09/10/18 LICENSE NO. 44263

| DATE | DESCRIPTION |
|----------|-------------------------|
| 07/09/18 | CITY SUBMITTAL |
| 08/10/18 | CITY RESUBMITTAL |
| 08/19/18 | COUNTY TECHNICAL REVIEW |
| 10/19/18 | CITY RESUBMITTAL |
| 10/22/18 | CITY RESUBMITTAL |

| DATE | DESCRIPTION |
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| | |

PROJECT NUMBER: 18213

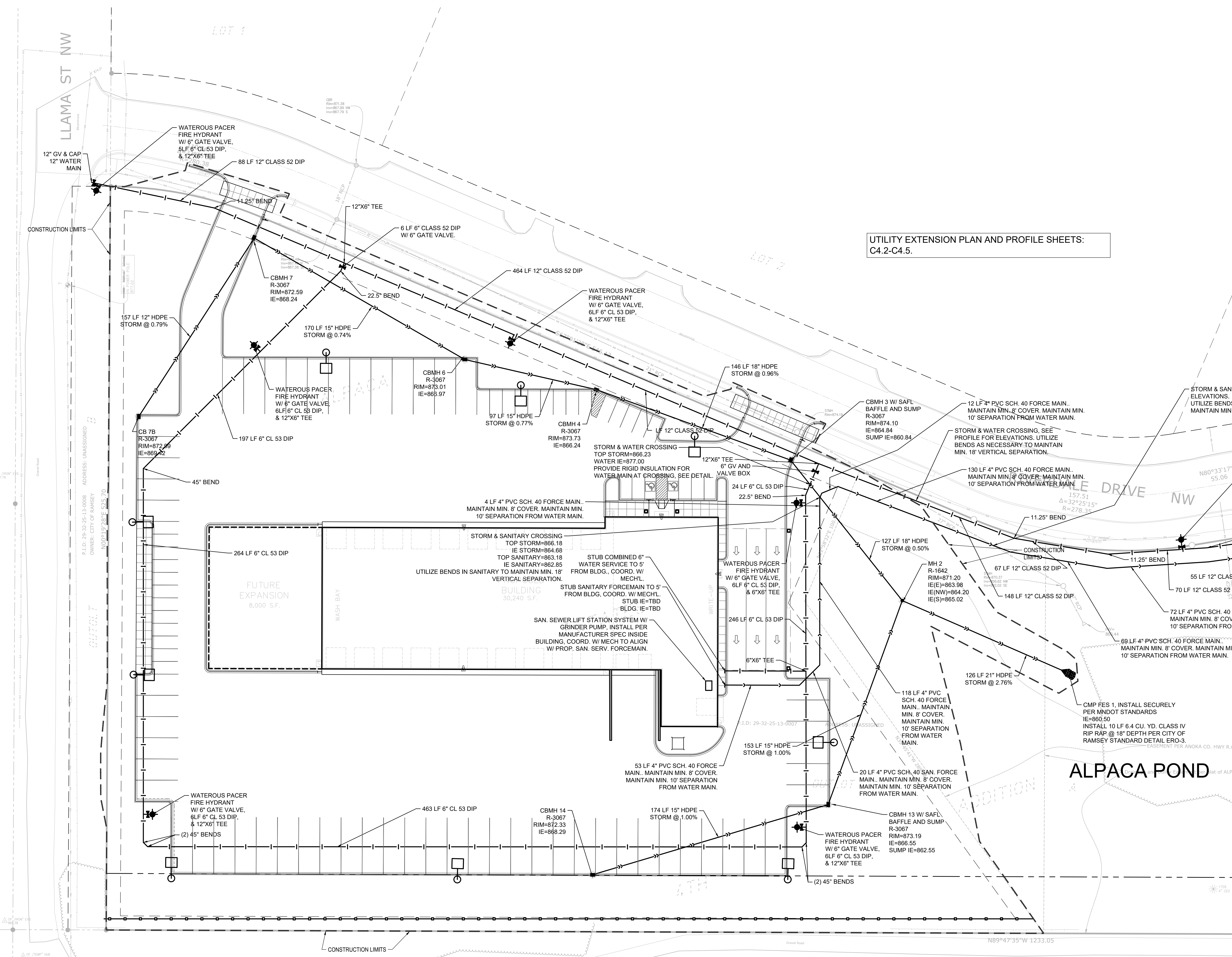
GRADING PLAN

C3.0

GENERAL UTILITY NOTES:

- SEE SITE PLAN FOR HORIZONTAL DIMENSIONS AND LAYOUT.
- CONTRACTOR SHALL FIELD VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES AND TOPOGRAPHIC FEATURES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF DISCREPANCIES OR VARIATIONS FROM THE PLANS.
- ALL EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE. CONTACT "GOPHER STATE ONE CALL" (651-454-0002 OR 800-252-1166) FOR UTILITY LOCATIONS, 48 HOURS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY UTILITIES THAT ARE DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.
- UTILITY INSTALLATION SHALL CONFORM TO THE CURRENT EDITION OF "STANDARD SPECIFICATIONS FOR WATER MAIN AND SERVICE LINE INSTALLATION" AND "SANITARY SEWER AND STORM SEWER INSTALLATION" AS PREPARED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA (CEAM), AND SHALL CONFORM WITH THE REQUIREMENTS OF THE CITY AND THE PROJECT SPECIFICATIONS.
- CASTINGS SHALL BE SALVAGED FROM STRUCTURE REMOVALS AND RE-USED OR PLACED AT THE DIRECTION OF THE OWNER.
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- ALL SANITARY SEWER SHALL BE SDR 26 POLYVINYL CHLORIDE (PVC) ASTM D3034 & F679, OR SCH 40 ASTM D1785, 2665, ASTM F794, 1866 UNLESS OTHERWISE NOTED.
- ALL STORM SEWER PIPE SHALL BE HDPE ASTM F714 & F2306 WITH ASTM D3212 SPEC FITTINGS UNLESS OTHERWISE NOTED.
- PIPE LENGTHS SHOWN ARE FROM CENTER TO CENTER OF STRUCTURE OR TO END OF FLARED END SECTION.
- UTILITIES ON THE PLAN ARE SHOWN TO WITHIN 5' OF THE BUILDING FOOTPRINT. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR THE FINAL CONNECTION TO BUILDING LINES. COORDINATE WITH ARCHITECTURAL AND MECHANICAL PLANS.
- CATCH BASINS AND MANHOLES IN PAVED AREAS SHALL BE SUMPED 0.04 FEET. ALL CATCH BASINS IN GUTTERS SHALL BE SUMPED 0.15 FEET PER DETAILS. RIM ELEVATIONS SHOWN ON THIS PLAN DO NOT REFLECT SUMPED ELEVATIONS.
- ALL FIRE HYDRANTS SHALL BE LOCATED 5 FEET BEHIND BACK OF CURB UNLESS OTHERWISE NOTED.
- HYDRANT TYPE, VALVE, AND CONNECTION SHALL BE IN ACCORDANCE WITH CITY REQUIREMENTS. HYDRANT EXTENSIONS ARE INCIDENTAL.
- A MINIMUM OF 8 FEET OF COVER IS REQUIRED OVER ALL WATERMAIN, UNLESS OTHERWISE NOTED. EXTRA DEPTH MAY BE REQUIRED TO MAINTAIN A MINIMUM OF 18" VERTICAL SEPARATION TO SANITARY OR STORM SEWER LINES. EXTRA DEPTH WATERMAIN IS INCIDENTAL.
- A MINIMUM OF 18 INCHES OF VERTICAL SEPARATION AND 10 FEET OF HORIZONTAL SEPARATION IS REQUIRED FOR ALL UTILITIES, UNLESS OTHERWISE NOTED.
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**UTILITY EXTENSION PLAN AND PROFILE SHEETS:
C4.2-C4.5.**



UTILITY LEGEND:

| | |
|--|--------------------------|
| | CATCH BASIN |
| | MANHOLE |
| | GATE VALVE AND VALVE BOX |
| | PROPOSED FIRE HYDRANT |
| | WATER MAIN |
| | SANITARY SEWER |
| | STORM SEWER |
| | FES AND RIP RAP |

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Matthew R. Parikh
DATE: 09/10/18 LICENSE NO. 44263

ISSUE/SUBMITTAL SUMMARY

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| 10/19/18 | CITY RESUBMITTAL |
| 10/22/18 | CITY RESUBMITTAL |

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PROJECT NUMBER: 18213

UTILITY PLAN

C4.0

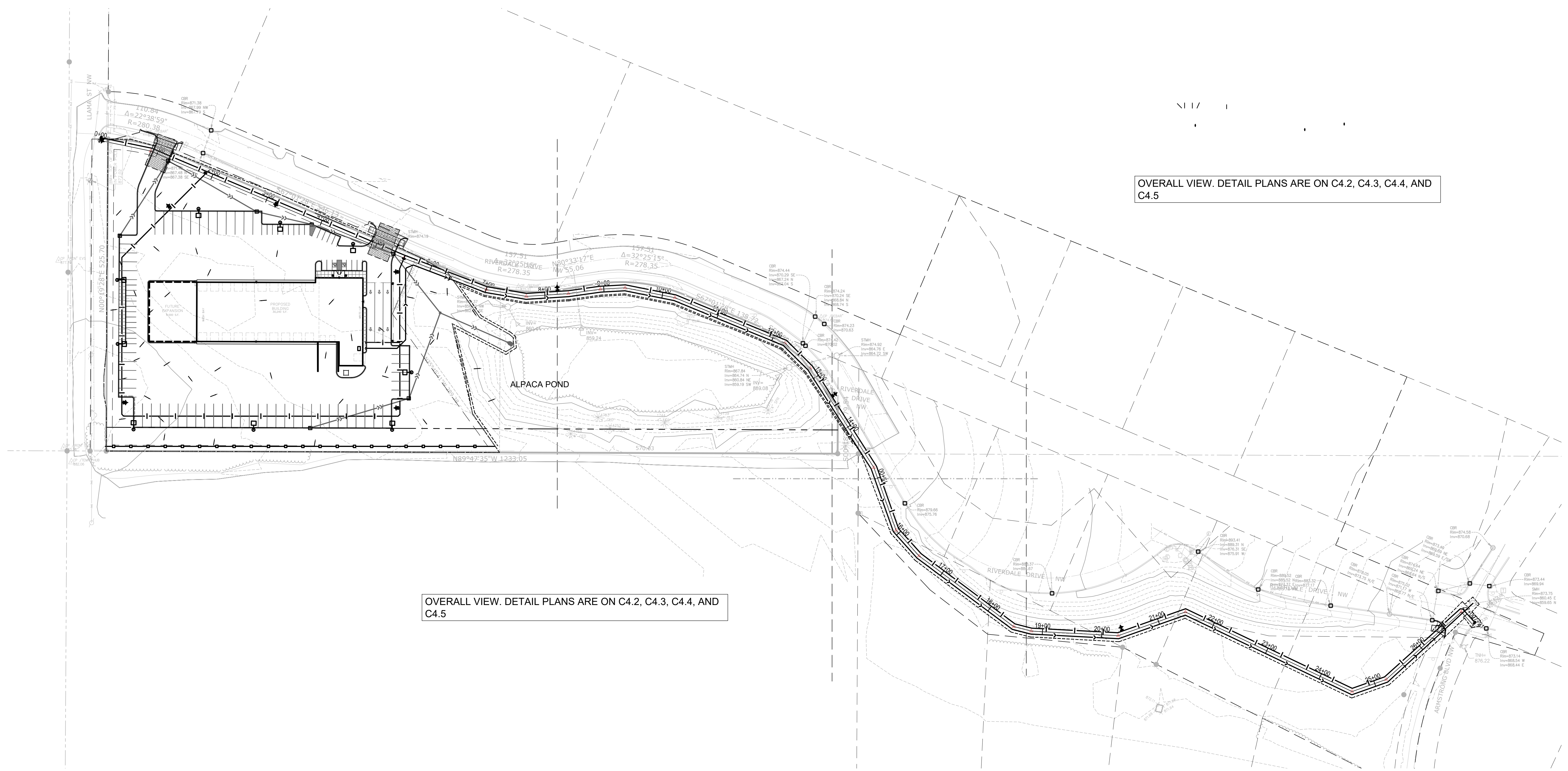
GOPHER STATE ONE CALL
WWW.GOPHERSTATEONECALL.ORG
(800) 252-1168 TOLL FREE
(651) 454-0002 LOCAL

LLAMA ST NW
LOT 1
CONSTRUCTION LIMITS
ADDRESS: UNASSIGNED
OWNER: CITY OF RAMSEY
P.L.D.: 24-32-25-13-0008
N003°12'28"E 524.70'
CATCH 7

ALPACA DRIVE NW
LOT 2
CONSTRUCTION LIMITS
ADDRESS: UNASSIGNED
OWNER: LAZY DAYS RV INC
P.L.D.: 24-32-25-13-0007
N89°47'35"W 1233.05'
ALPACA POND
ADDITION

OVERALL VIEW. DETAIL PLANS ARE ON C4.2, C4.3, C4.4, AND C4.5

OVERALL VIEW. DETAIL PLANS ARE ON C4.2, C4.3, C4.4, AND C4.5



LAZAYDALE DRIVE NW., RAMSEY, MN

LAZAYDALE DRIVE NW., RAMSEY, MN
8330 HIGHWAY 10 NW, ANOKA, MN 55303

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Matthew R. Pawlik
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DATE: 09/10/18 LICENSE NO. 44263

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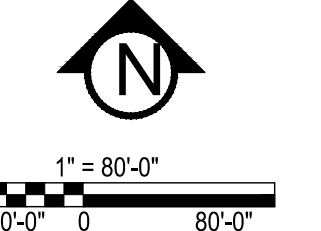
UTILITY EXTENSION PLAN - OVERALL

C4.1

UTILITY LEGEND:

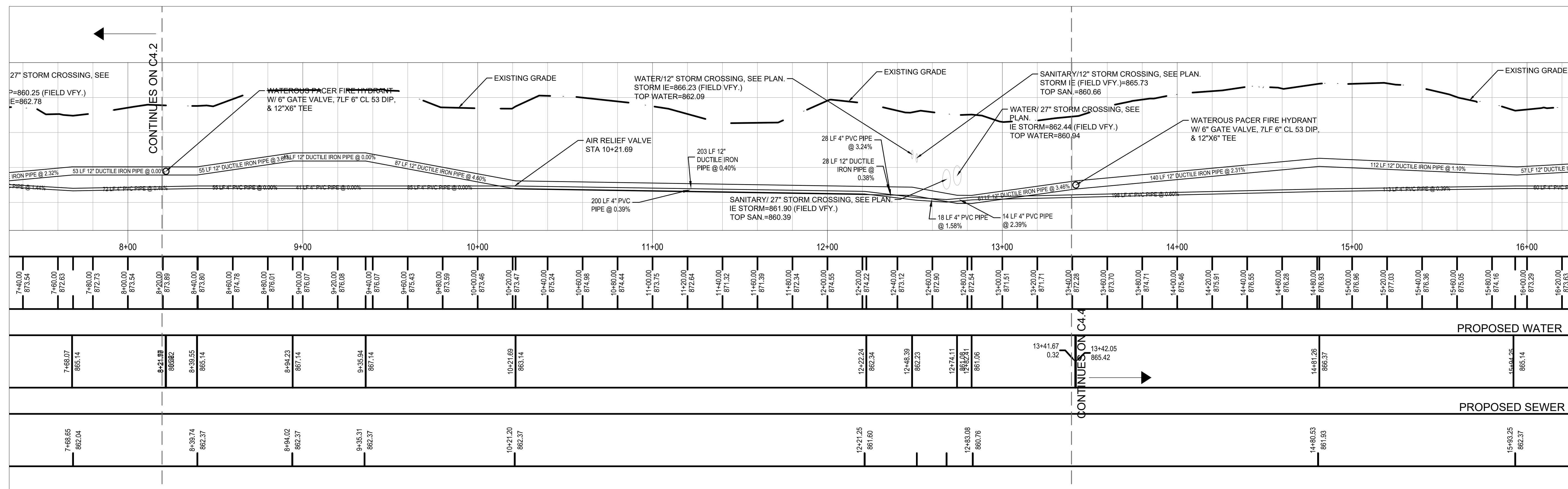
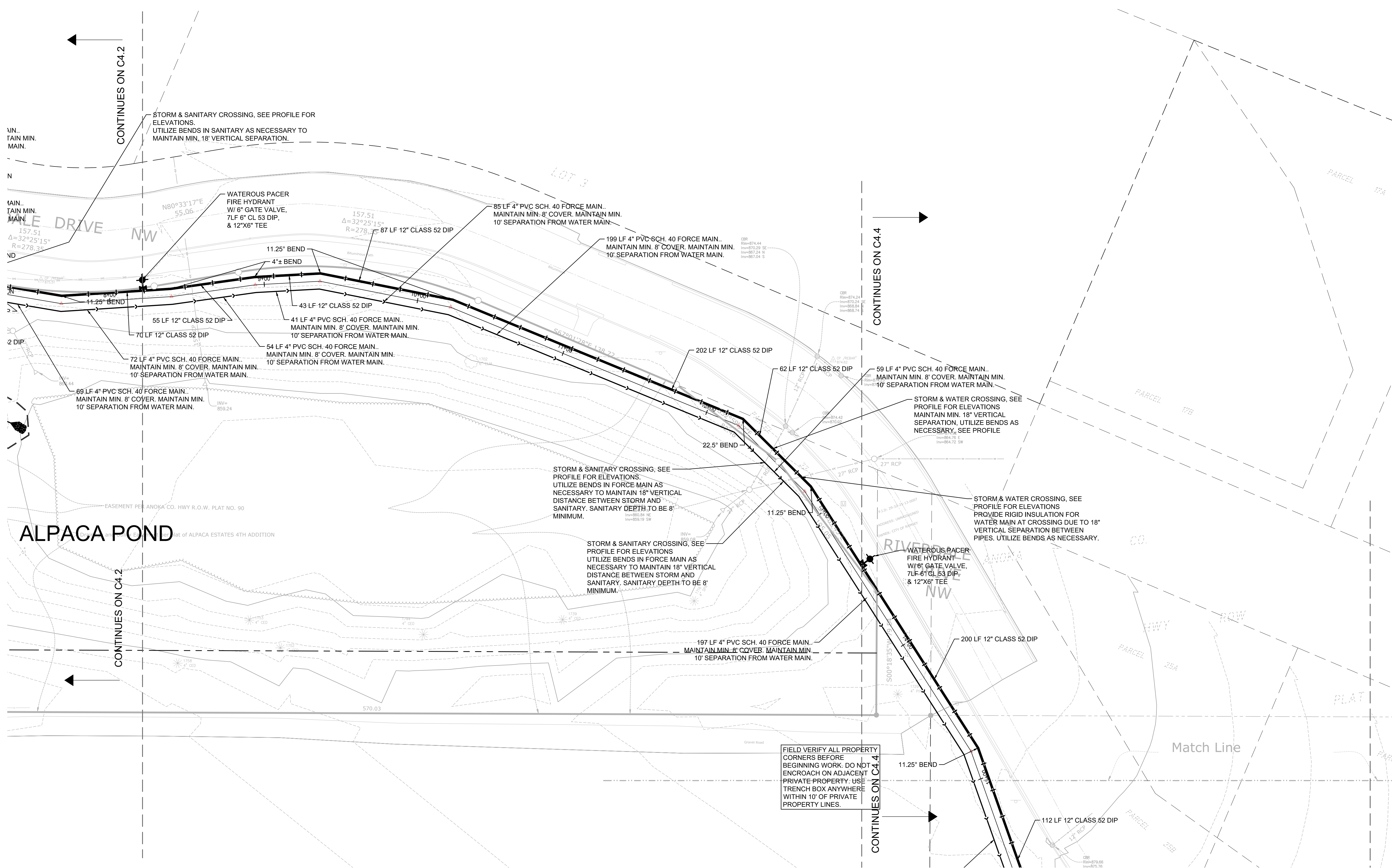
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- MANHOLE
- GATE VALVE AND VALVE BOX
- PROPOSED FIRE HYDRANT
- WATER MAIN
- SANITARY SEWER
- STORM SEWER
- FES AND RIP RAP

GOPHER STATE ONE CALL
WWW.GOPHERSTATEONECALL.ORG
(800) 252-1168 TOLL FREE
(651) 454-0002 LOCAL



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UTILITY LEGEND:

| | |
|--|--------------------------|
| | CATCH BASIN |
| | MANHOLE |
| | GATE VALVE AND VALVE BOX |
| | PROPOSED FIRE HYDRANT |
| | WATER MAIN |
| | SANITARY SEWER |
| | STORM SEWER |

LAZYDAYS OF RAMSEY
RIVERDALE DRIVE NW., RAMSEY, MN
LAZYDAYS OF RAMSEY
8390 HIGHWAY 10 NW, ANOKA, MN 55303

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Matthew R. Pank
DATE: 09/10/18 LICENSE NO. 44263

ISSUE/SUBMITTAL SUMMARY

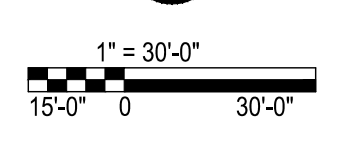
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REVISION SUMMARY

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|------|-------------|
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PROJECT NUMBER: 18213
WATERMAIN AND SANITARY SEWER - STA 08+21 TO STA 13+50

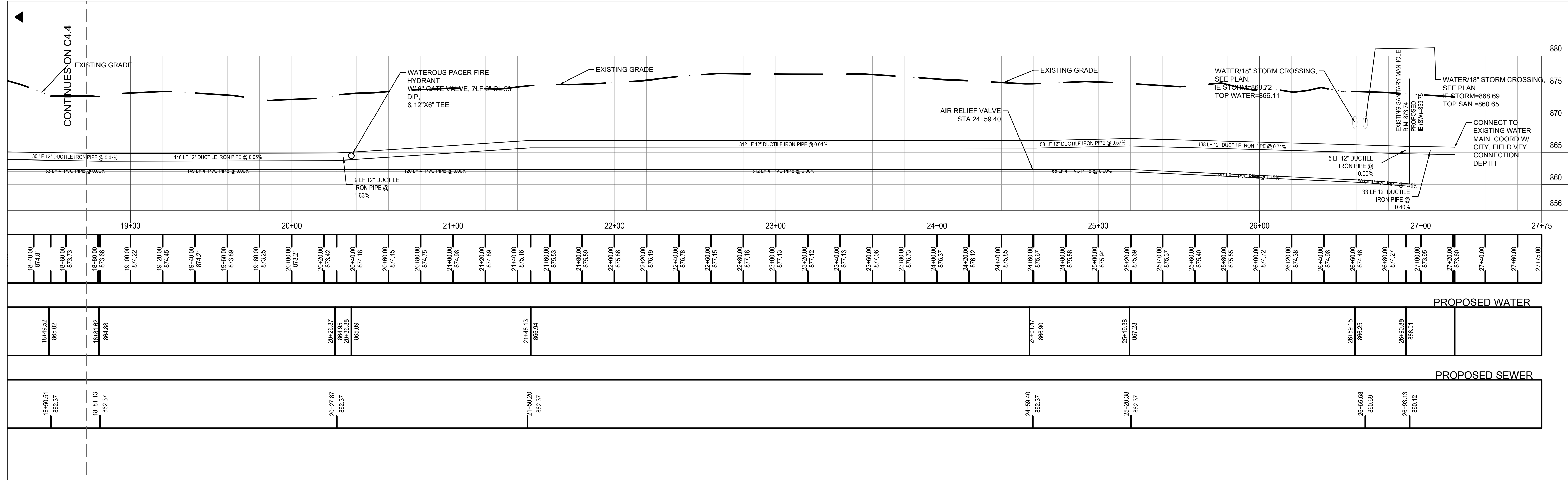
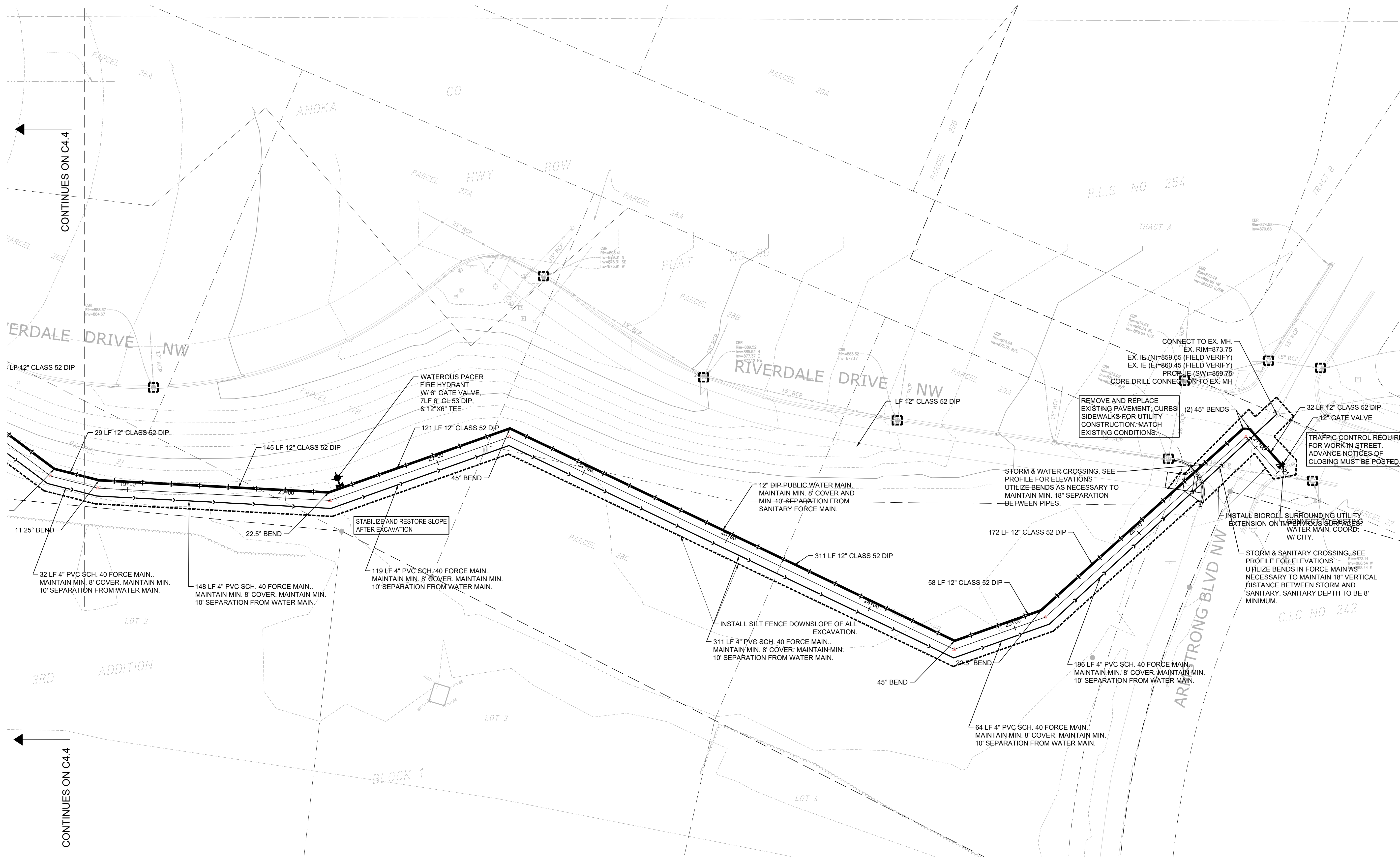
C4.3



CITY OF RAMSEY UTILITY NOTES:

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LAZYDAYS OF RAMSEY
 8390 HIGHWAY 10 NW, ANOKA, MN 55303

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Matthew R. Pawlik
 DATE: 09/10/18 LICENSE NO. 44263

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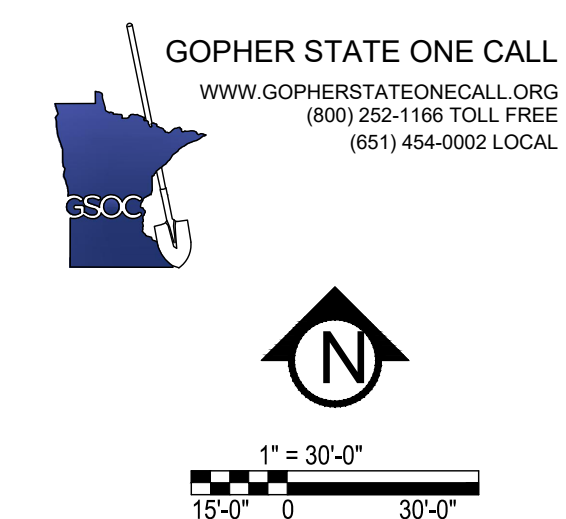
REVISION SUMMARY

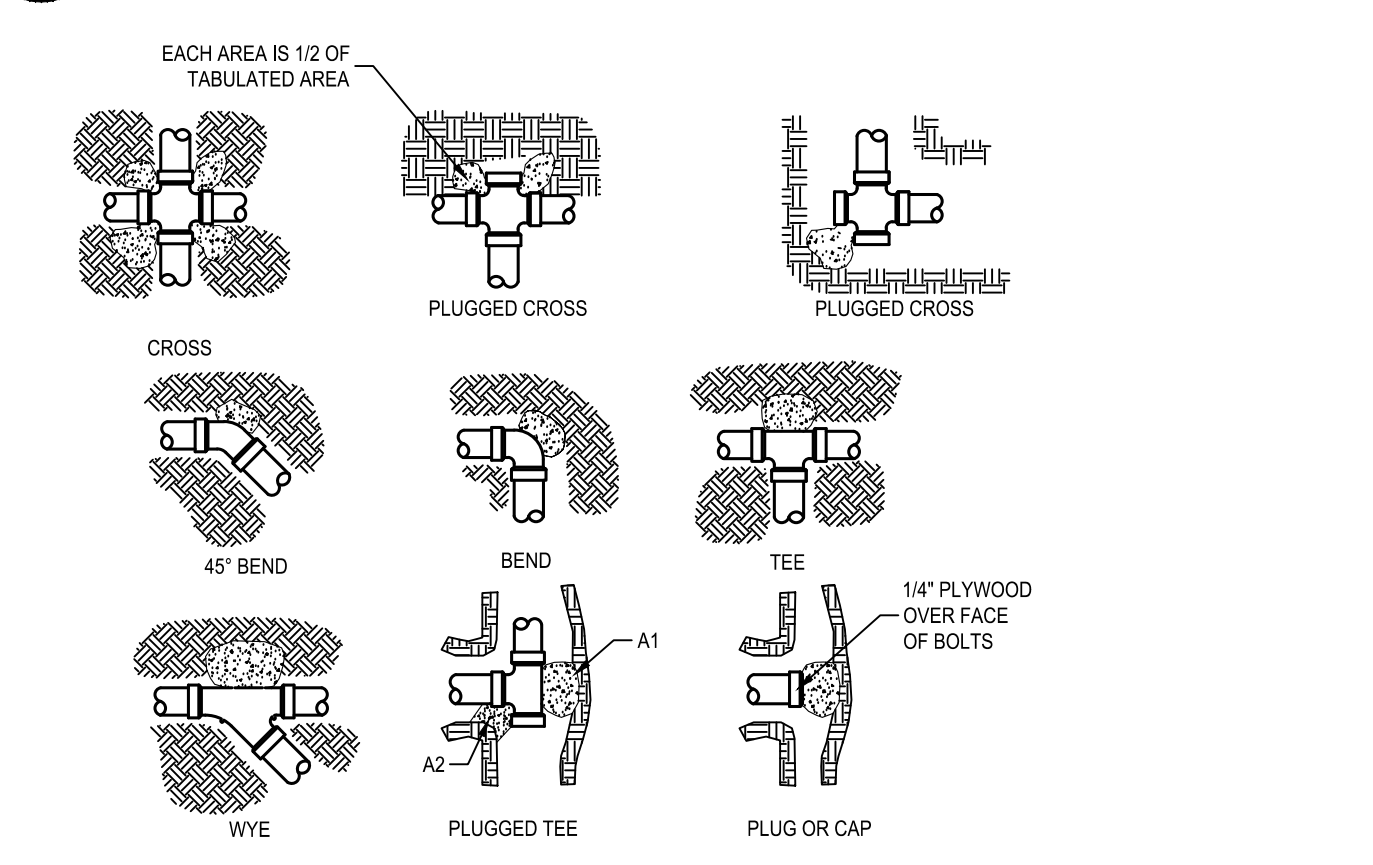
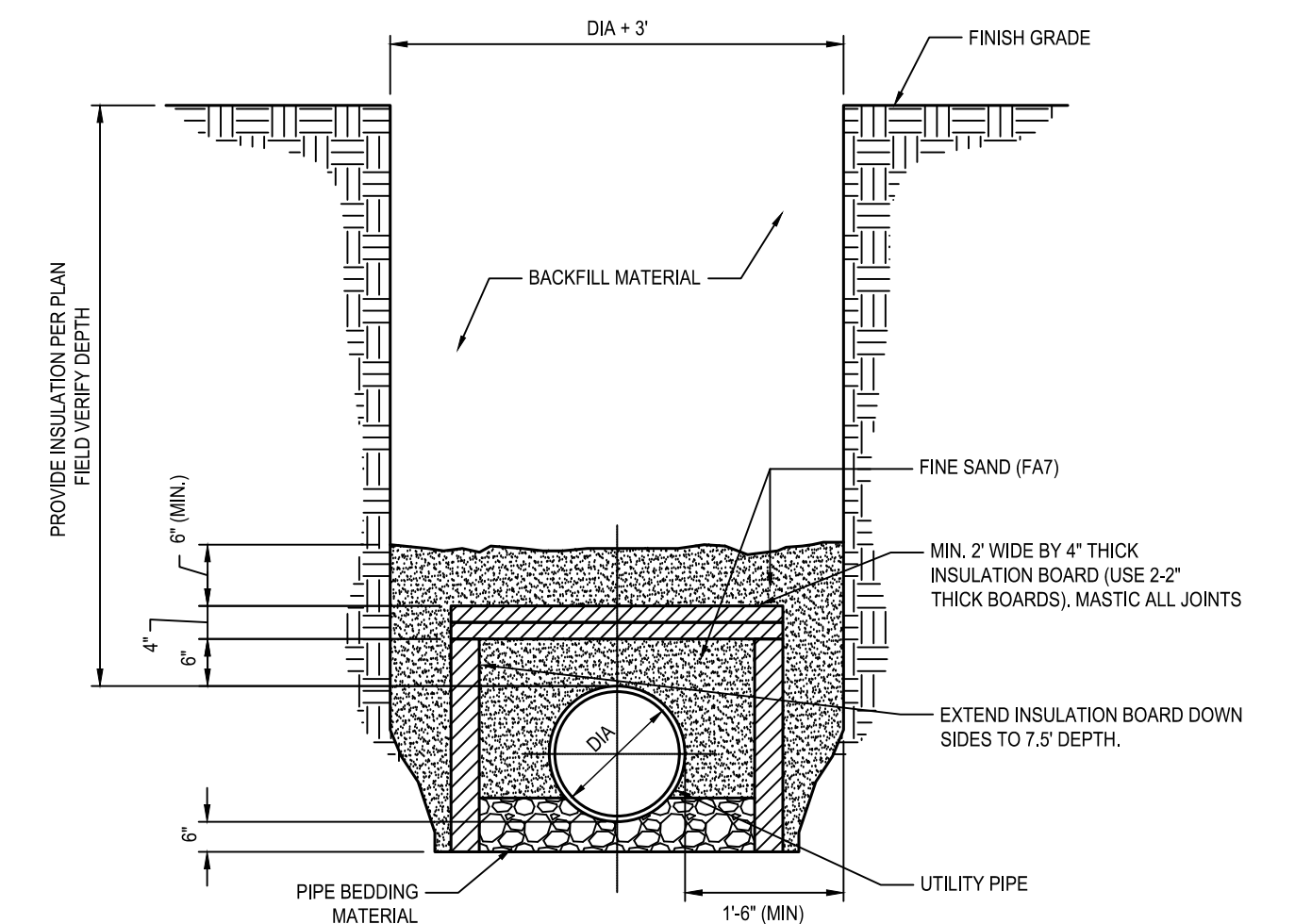
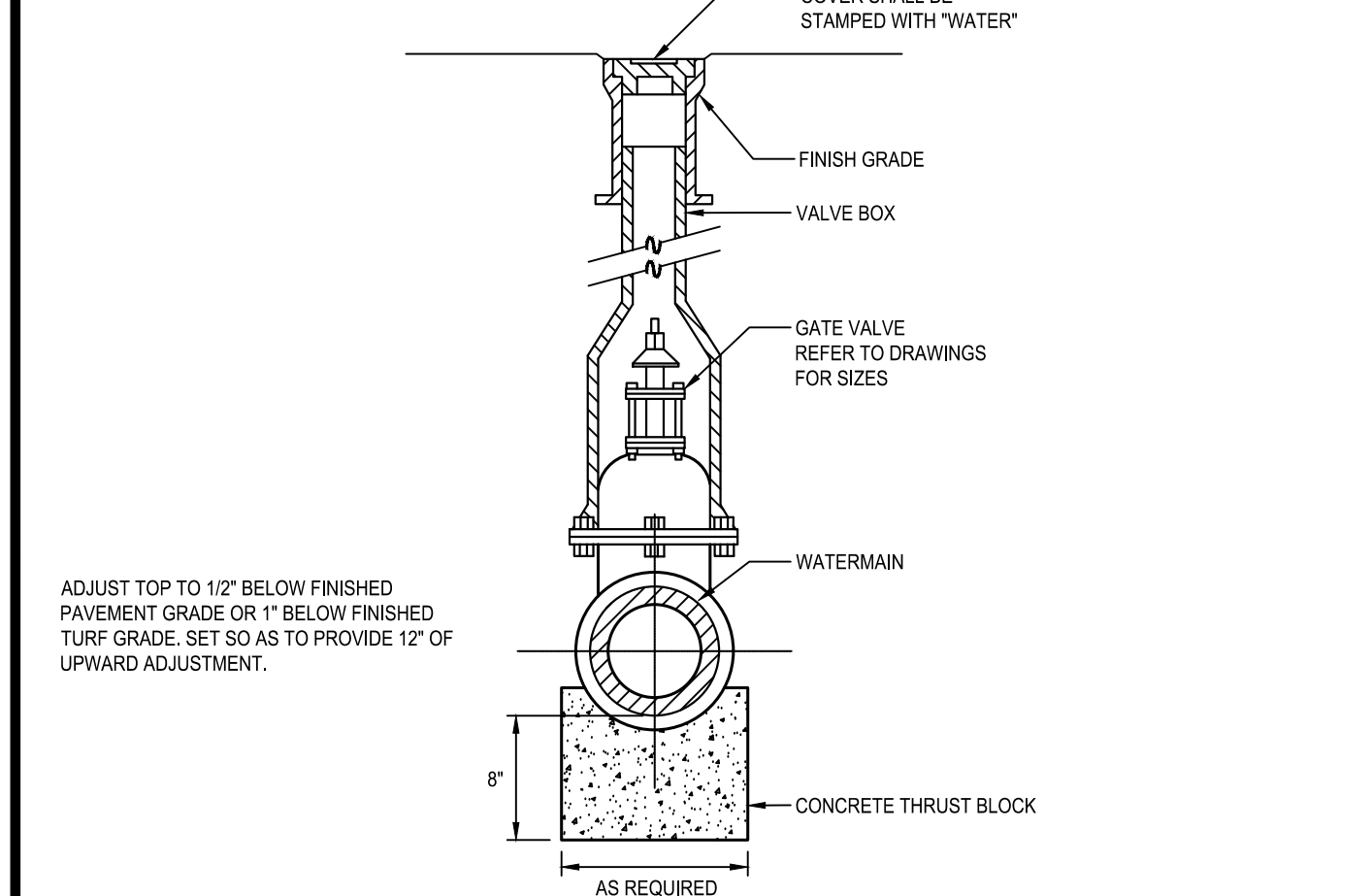
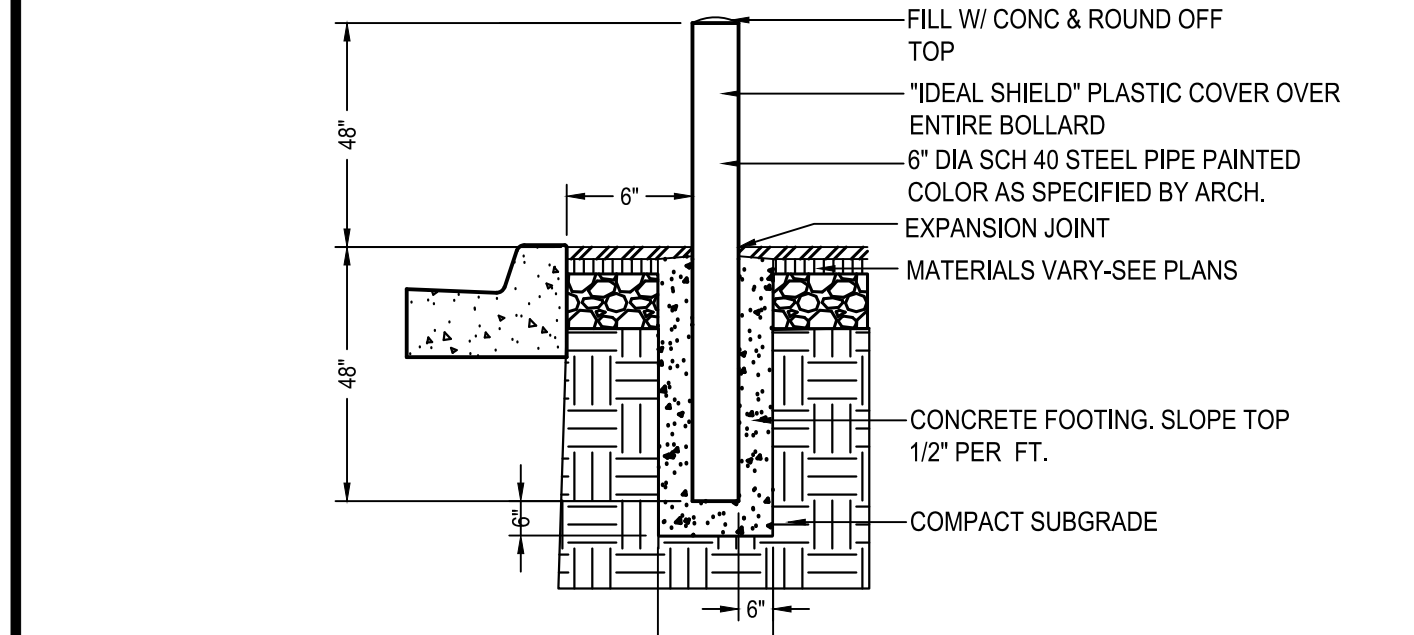
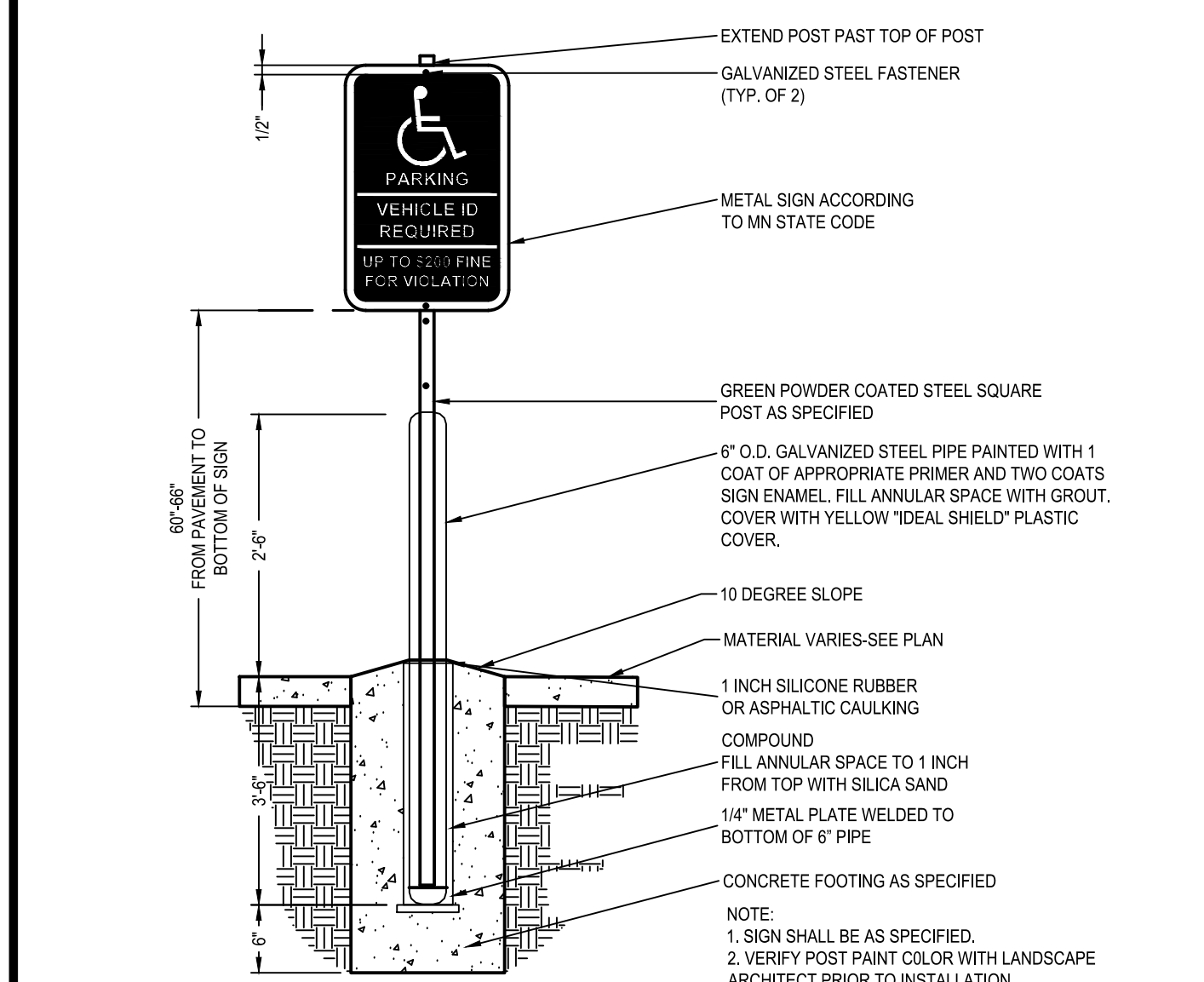
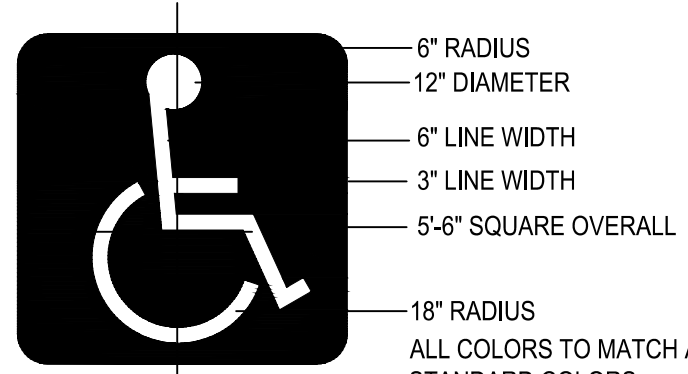
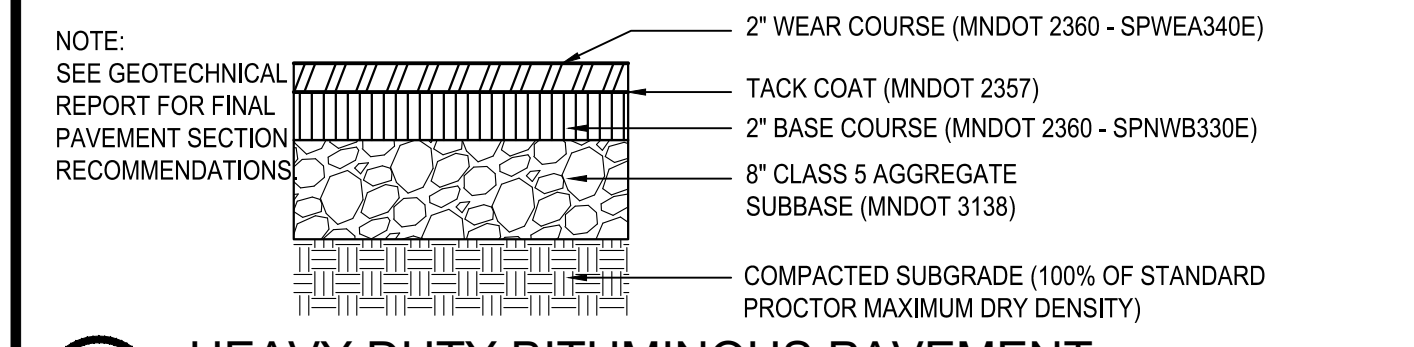
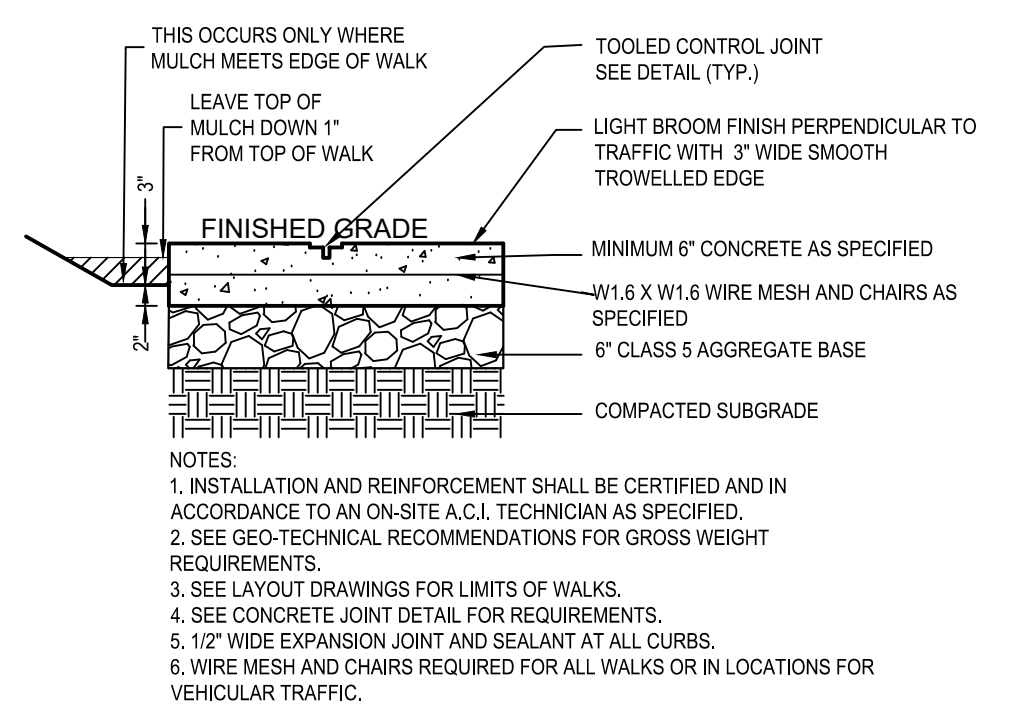
| DATE | DESCRIPTION |
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PROJECT NUMBER: 18213

WATERMAIN AND SANITARY SEWER - STA 18+72 TO STA 27+21

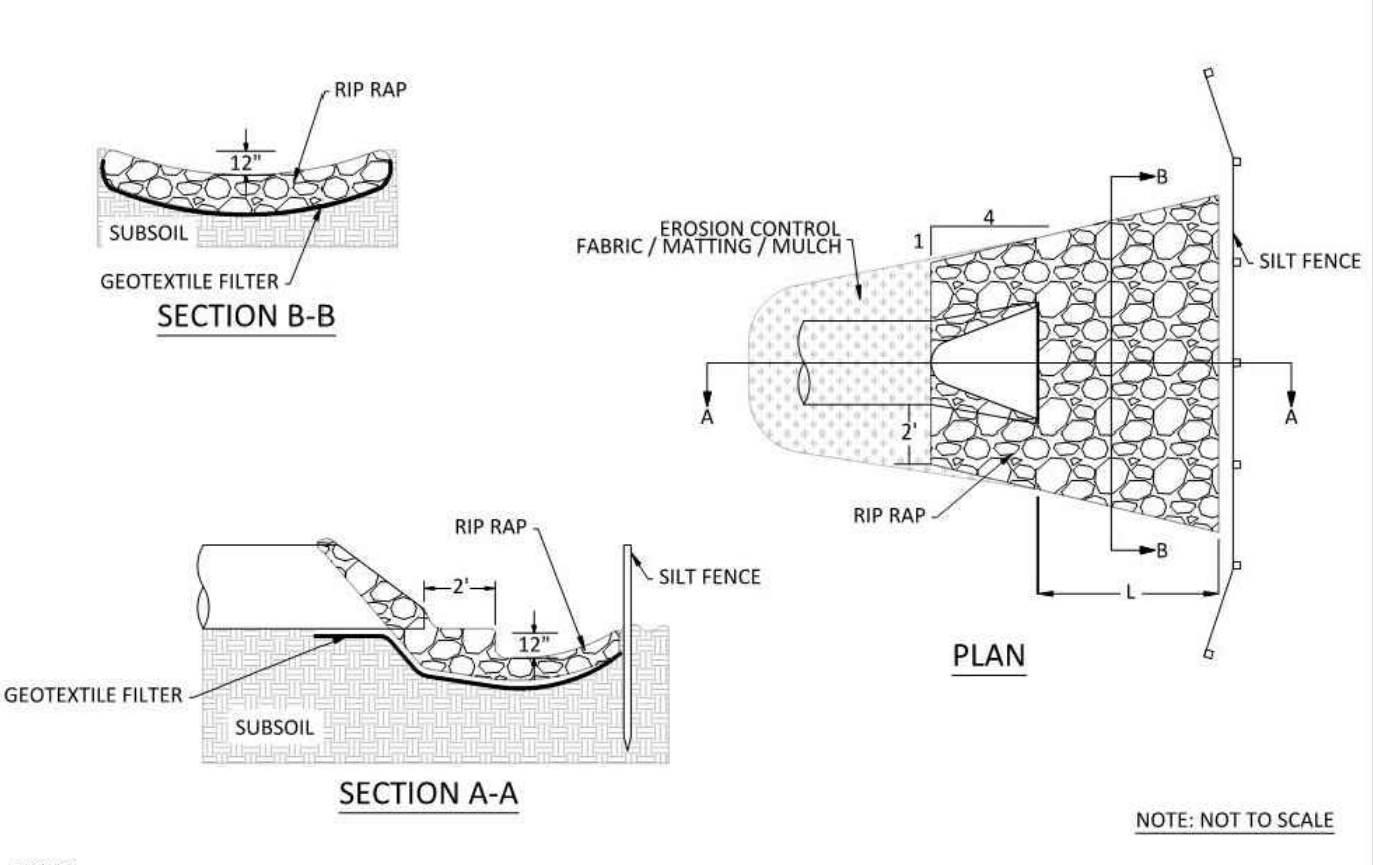
C4.5





| NOMINAL FITTING SIZE (INCHES) | TYE, WYE, PLUG, OR CAP | | 90° BEND, PLUGGED CROSS | | 45° BEND | | 22.5° BEND | |
|-------------------------------|------------------------|------|-------------------------|------|----------|------|------------|----|
| | A1 | A2 | A1 | A2 | A1 | A2 | A1 | A2 |
| 4 | 1.0 | 1.4 | 1.9 | 1.4 | 1.0 | - | - | - |
| 6 | 2.1 | 3.0 | 4.3 | 3.0 | 1.6 | 1.0 | - | - |
| 8 | 3.5 | 5.2 | 7.6 | 5.4 | 2.9 | 1.5 | 1.0 | - |
| 10 | 5.9 | 8.4 | 11.8 | 8.4 | 4.6 | 2.6 | 1.2 | - |
| 12 | 8.5 | 12.0 | 17.0 | 12.0 | 6.6 | 3.4 | 1.7 | - |
| 14 | 11.5 | 16.3 | 23.0 | 16.3 | 8.9 | 4.6 | 2.3 | - |
| 16 | 15.0 | 21.3 | 30.0 | 21.3 | 11.6 | 6.0 | 3.0 | - |
| 18 | 19.0 | 27.0 | 38.0 | 27.0 | 14.6 | 7.6 | 3.6 | - |
| 20 | 23.5 | 33.3 | 47.0 | 33.3 | 18.1 | 9.4 | 4.7 | - |
| 24 | 34.0 | 48.0 | 68.0 | 48.0 | 26.2 | 13.6 | 6.8 | - |

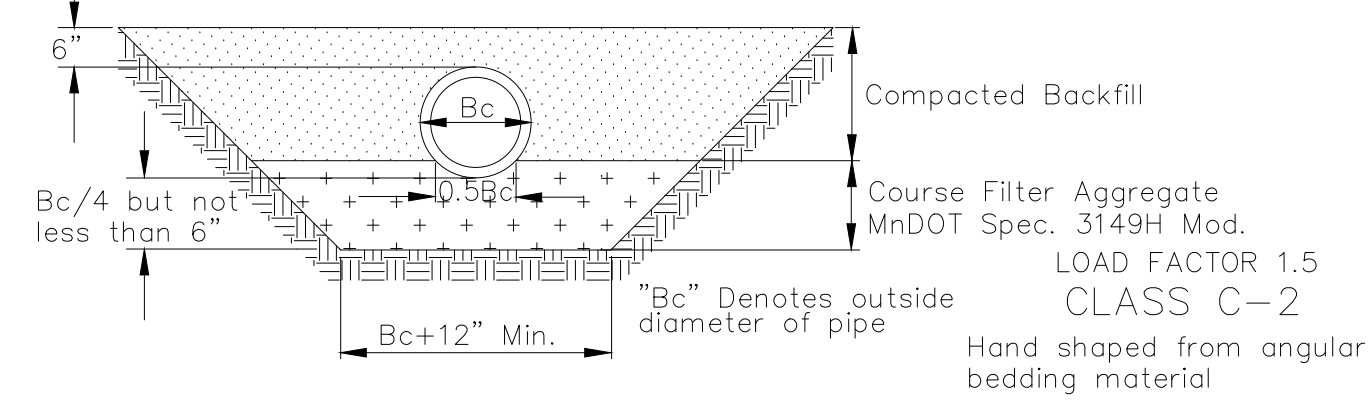
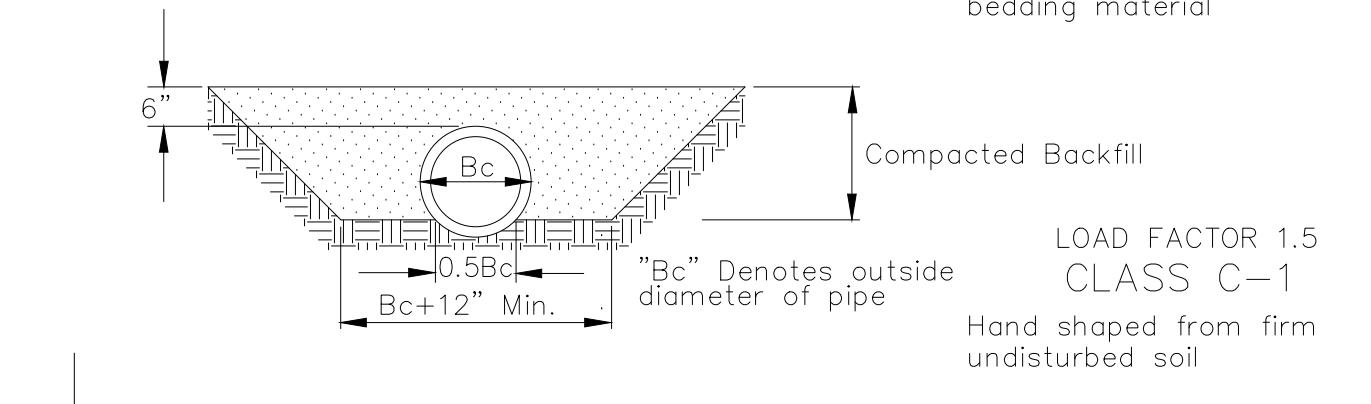
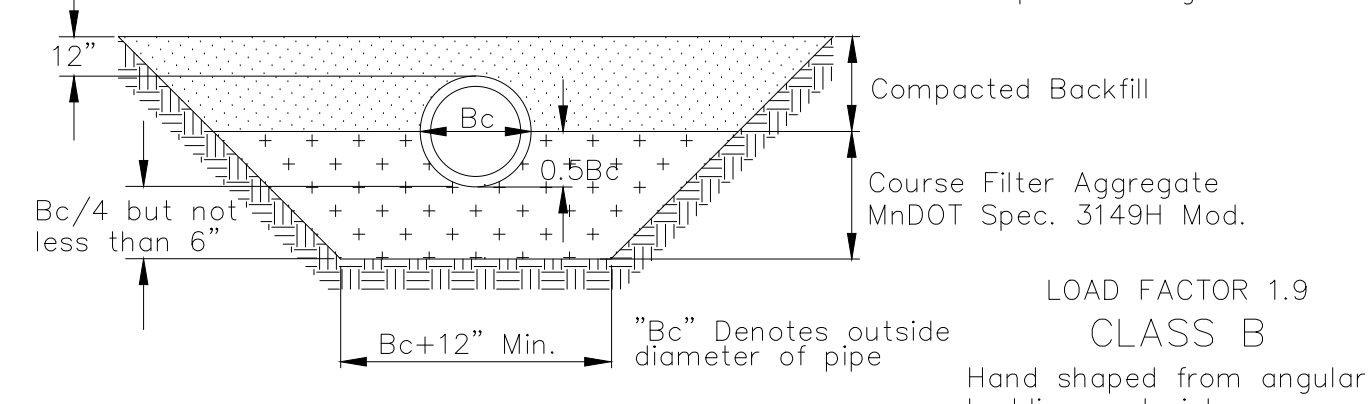
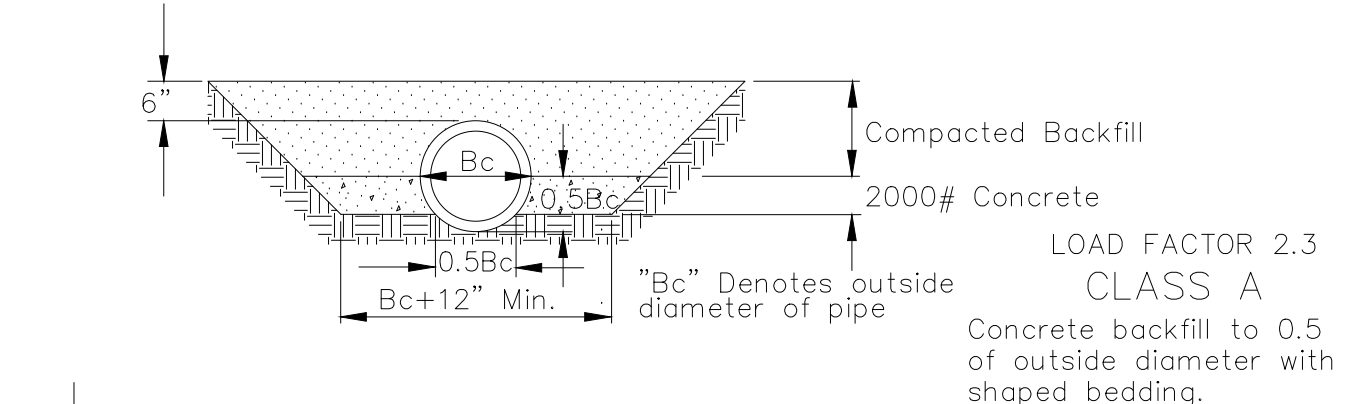
- NOTES:
1. CONCRETE THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
2. KEEP CONCRETE CLEAR OF JOINT AND ACCESSORIES.
3. IF NOT SHOWN ON PLANS, REQUIRED BEARING AT FITTING SHALL BE AS INDICATED ABOVE, ADJUSTED IF NECESSARY, TO CONFORM TO THE TEST PRESSURE(S) AND ALLOWABLE SOIL BEARING STRESS(ES).
4. BEARING AREAS AND SPECIAL BLOCKING DETAILS SHOWN ON PLANS TAKE PRECEDENCE OVER BEARING AREAS AND BLOCKING DETAILS SHOWN IN THIS STANDARD DETAIL.
5. ABOVE BEARING AREAS BASED ON TEST PRESSURE OF 150 P.S.I. AND AN ALLOWABLE SOIL BEARING STRESS OF 2000 POUNDS PER SQUARE FOOT. TO COMPUTE BEARING AREAS FOR DIFFERENT TEST PRESSURES AND SOIL BEARING STRESSES, USE THE FOLLOWING EQUATION: BEARING AREA = (TEST PRESSURE/150) X (2000 SOIL BEARING STRESS) X (TABLE VALUE).



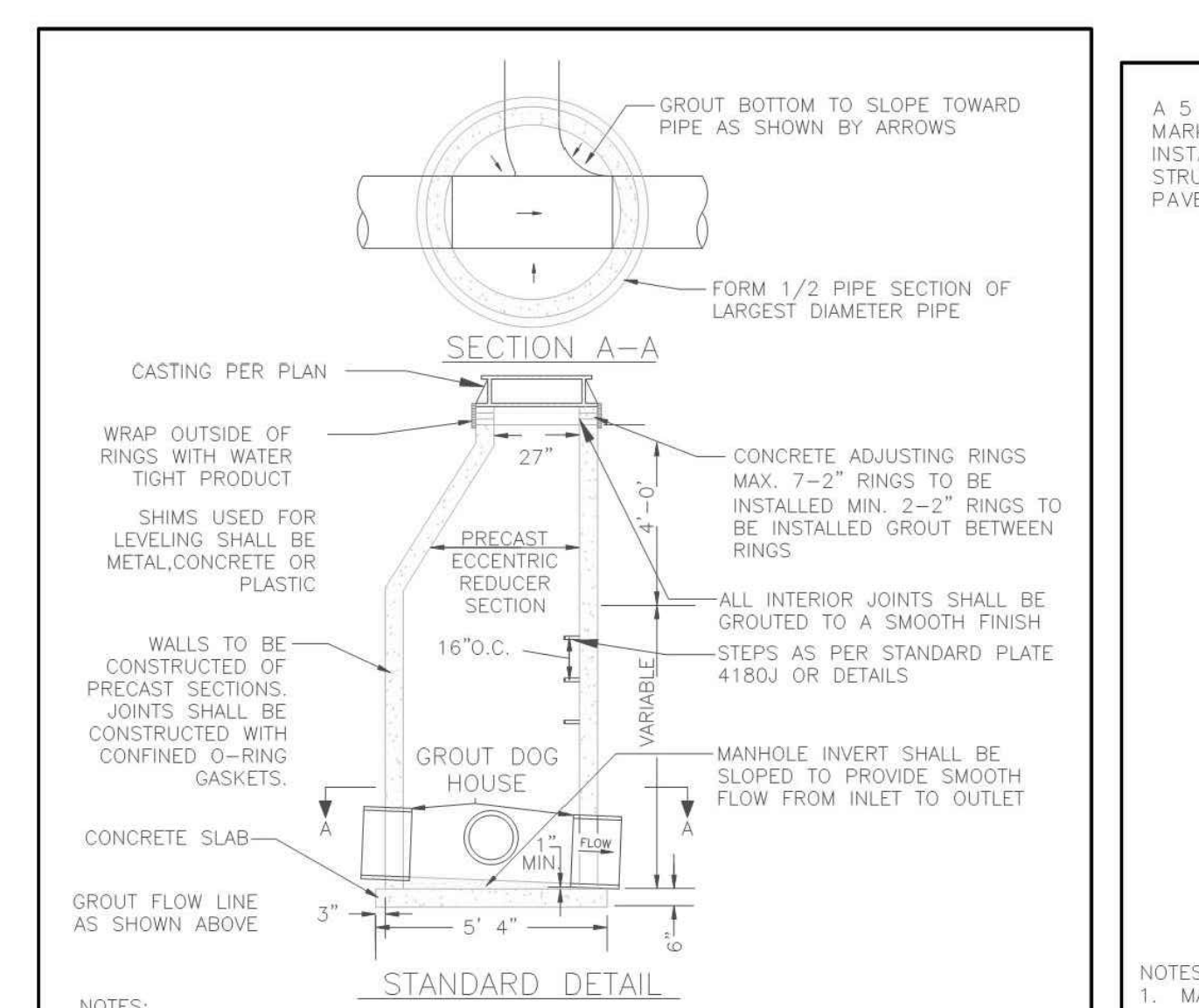
- NOTES:
1. ON SLOPES 4:1 OR GREATER, ANCHOR OR STRAIGHT DISKED STRAW MULCH, SEEDING NETTING, FABRIC OR MATTING SUCH AS EXCELSIOR SHALL BE USED TO STABILIZE DISTURBED SOILS. THESE EXPOSED SOILS MUST BE STABILIZED IMMEDIATELY AFTER GRADING OF SOIL IS COMPLETE.
2. A SHIRTING OF EROSION CONTROL FABRIC OR MULCH MUST BE USED TO PROTECT OUTLETS AS ILLUSTRATED REGARDLESS OF SLOPE.
3. RIP RAP IS CLASS III PLACED 18" THICK.
4. FOR PIPE GREATER THAN 48" DIAMETER OR 58" SPAN, QUANTITY OF GEOTEXTILE FABRIC AND RIP RAP WILL BE HANDLED IN A CASE BY CASE MANNER.
5. GEOTEXTILE FABRIC SHALL COVER THE BOTTOM AND SIDES OF THE AREA EXCAVATED FOR THE RIP RAP MATERIAL.

| RIP RAP AT RCP OUTLETS | | | |
|------------------------|------------|-------------|-----------------|
| DIA. OF PIPE (IN.) | SPAN (FT.) | DEPTH (FT.) | DEPTH (EQ. NO.) |
| 12 | 8 | 17.0 | 4.4 |
| 15 | 10 | 20.8 | 6.2 |
| 18 | 12 | 24.6 | 8.0 |
| 21 | 14 | 28.4 | 9.8 |
| 24 | 16 | 32.2 | 11.6 |
| 27 | 18 | 36.0 | 13.4 |
| 30 | 20 | 39.8 | 15.2 |
| 36 | 24 | 47.4 | 18.8 |
| 42 | 28 | 55.0 | 22.4 |
| 48 | 32 | 62.6 | 26.0 |

APPROVED: 9 - 2016
City of RAMSEY
STANDARD DETAILS: RIP-RAP
CITY PLATE No. ERO-3

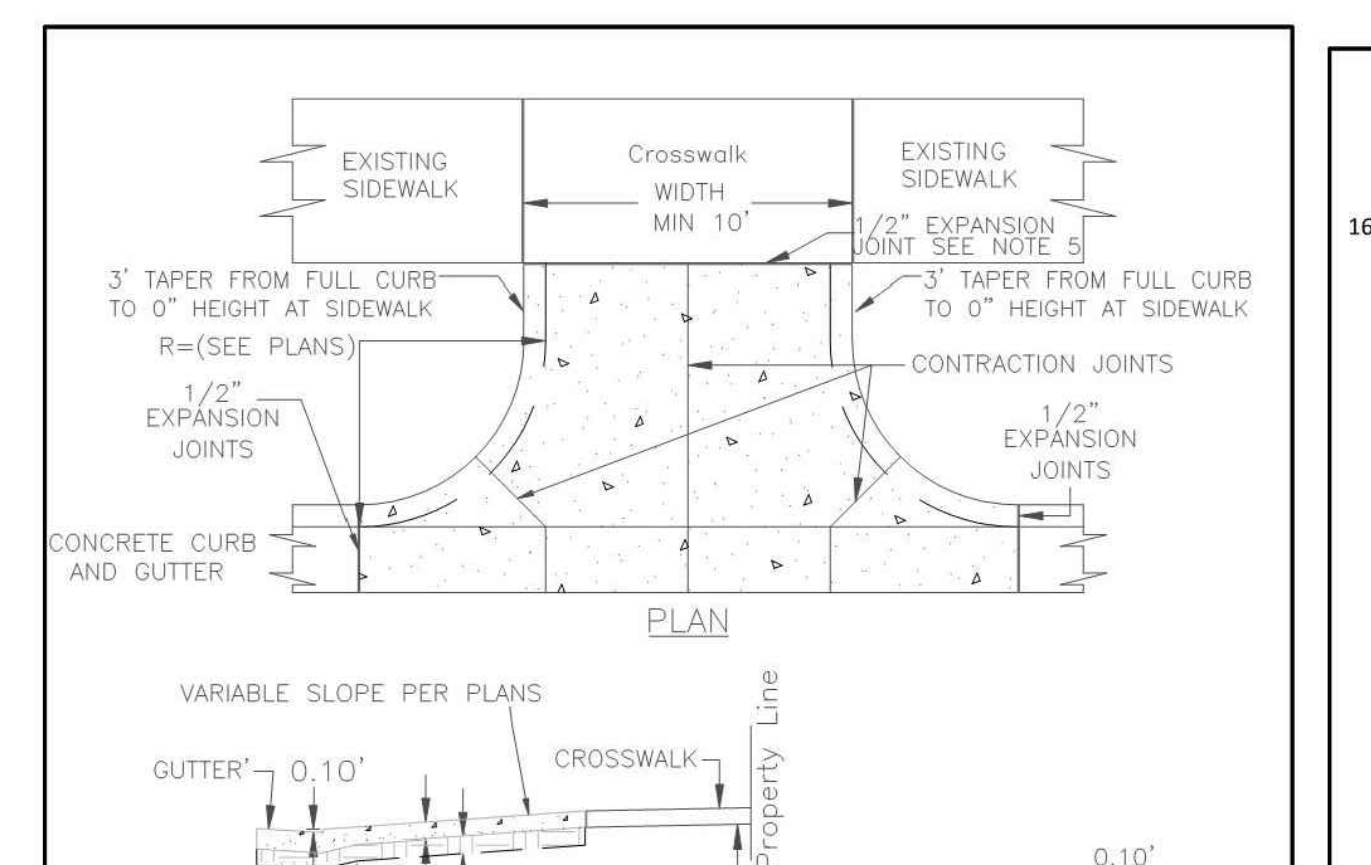


10 PIPE BEDDING - RCP & DIP
NTS

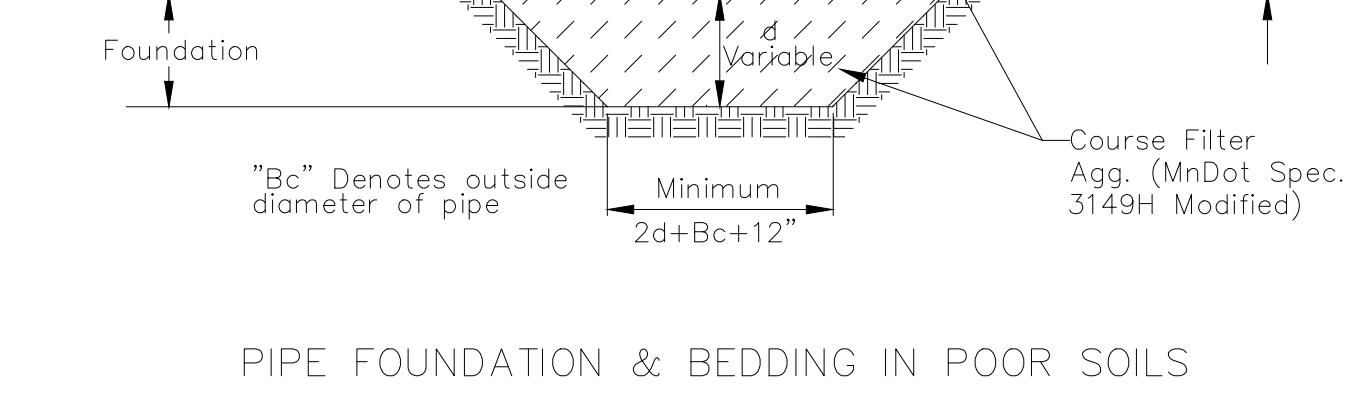
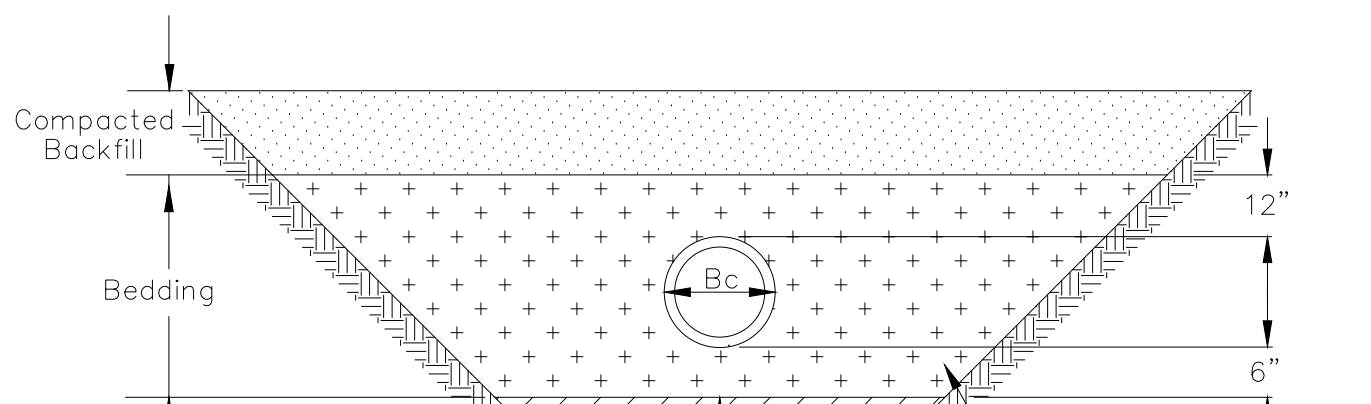
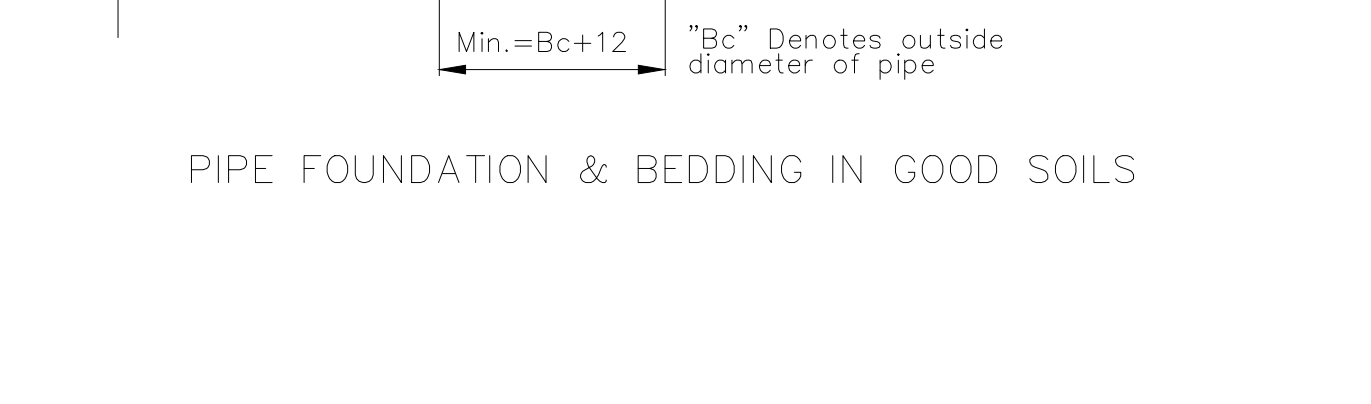
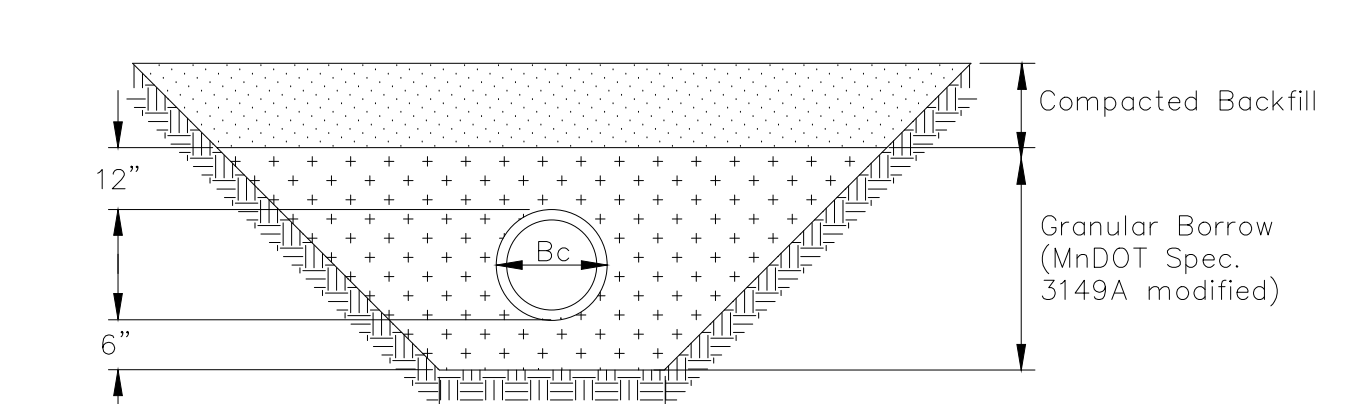


APPROVED: 4 - 2016
City of RAMSEY
STANDARD DETAILS: STORM MANHOLE
CITY PLATE No. STO-3

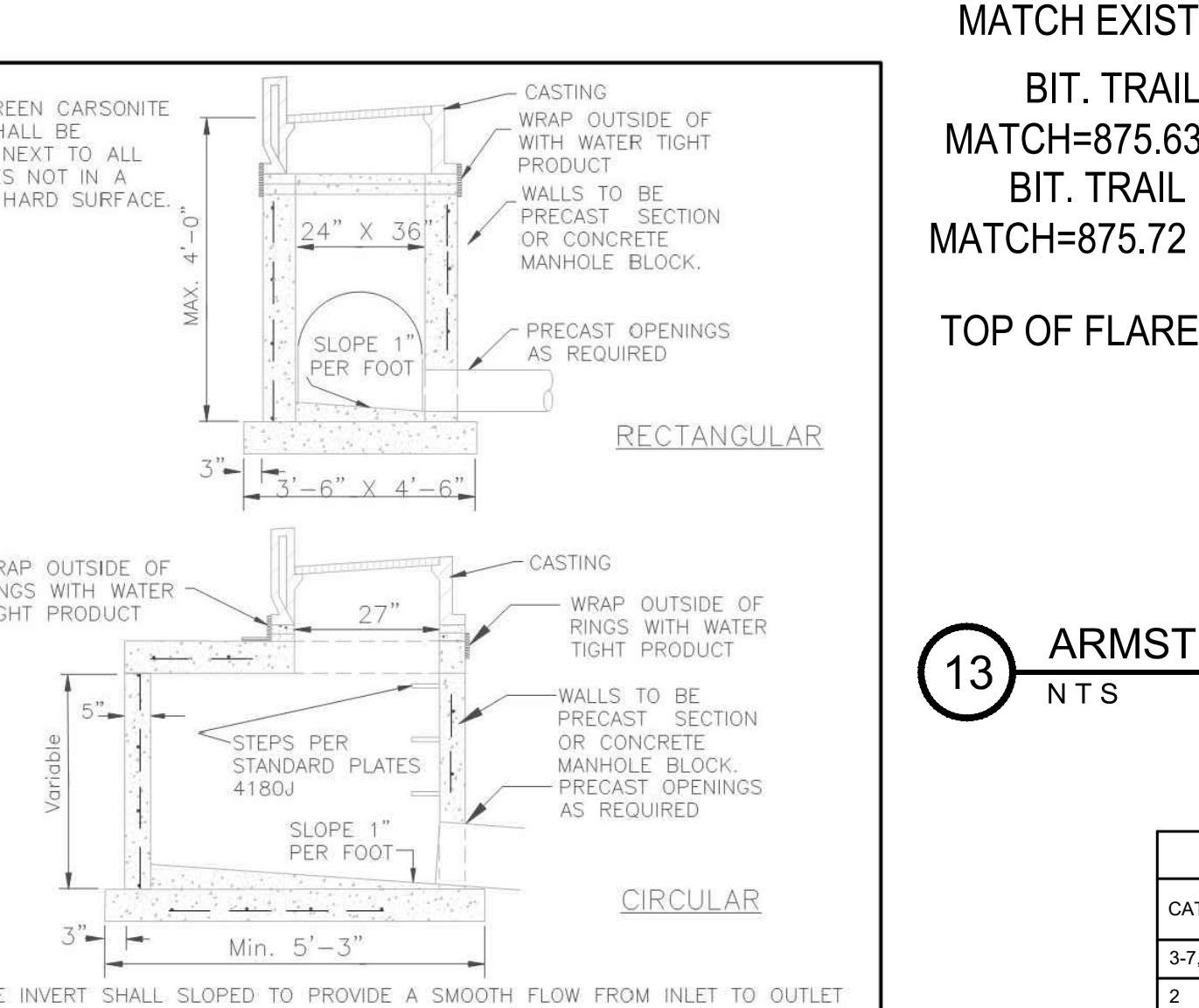
APPROVED: 4 - 2007
City of RAMSEY
STANDARD DETAILS: CATCH BASIN
CITY PLATE No. STO-1



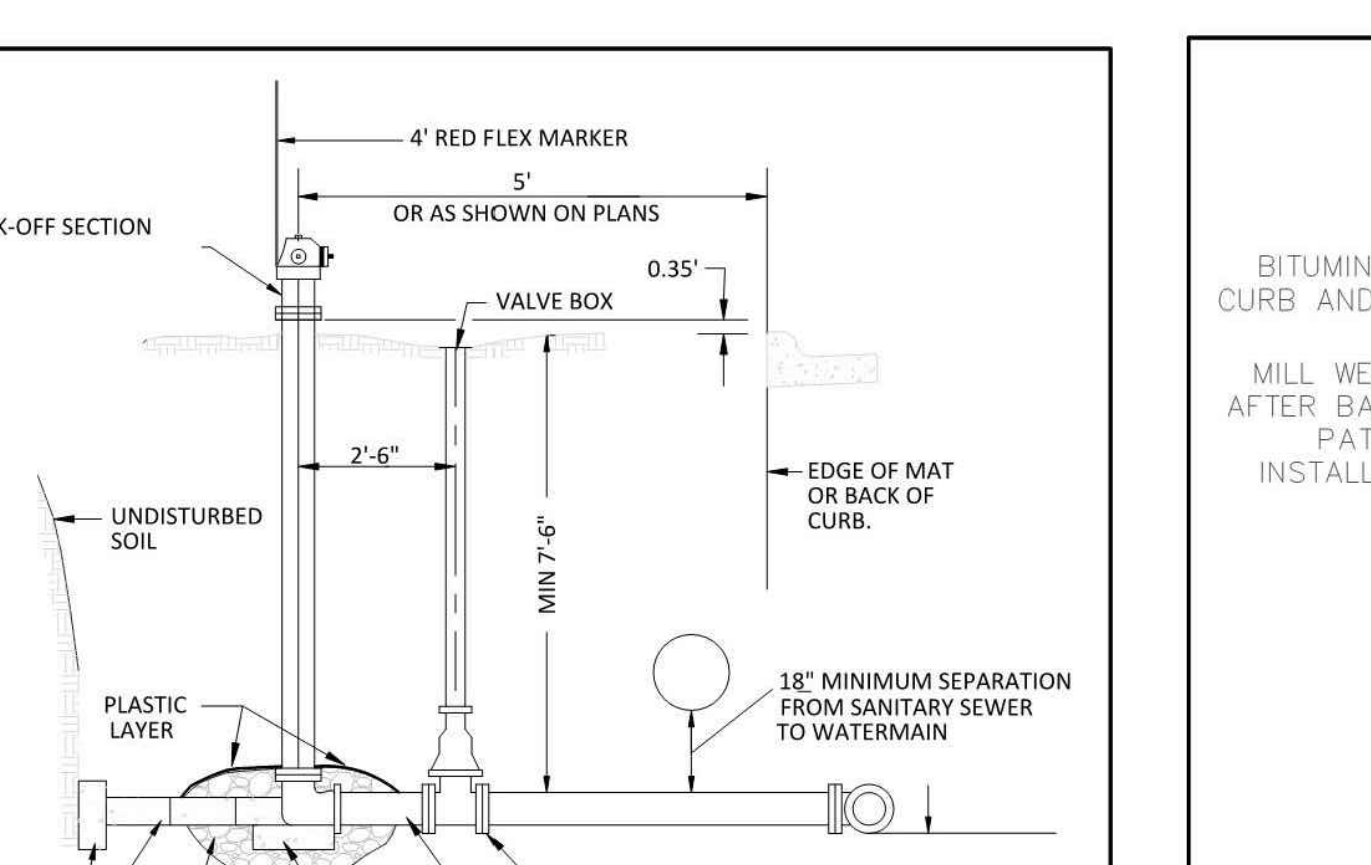
APPROVED: 6 - 2017
City of RAMSEY
STANDARD DETAILS: HYDRANT
CITY PLATE No. VAT-1



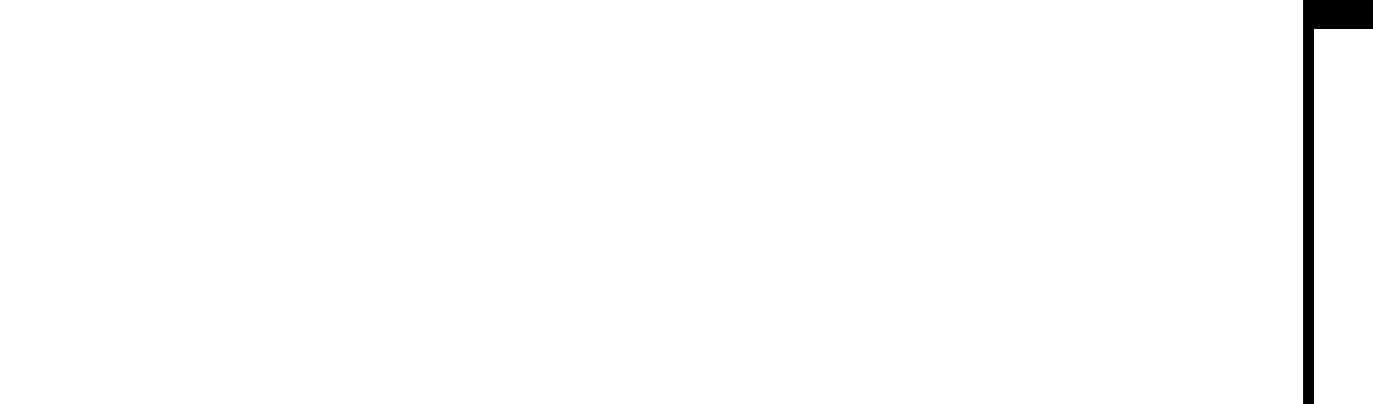
12 PIPE BEDDING - PVC
NTS



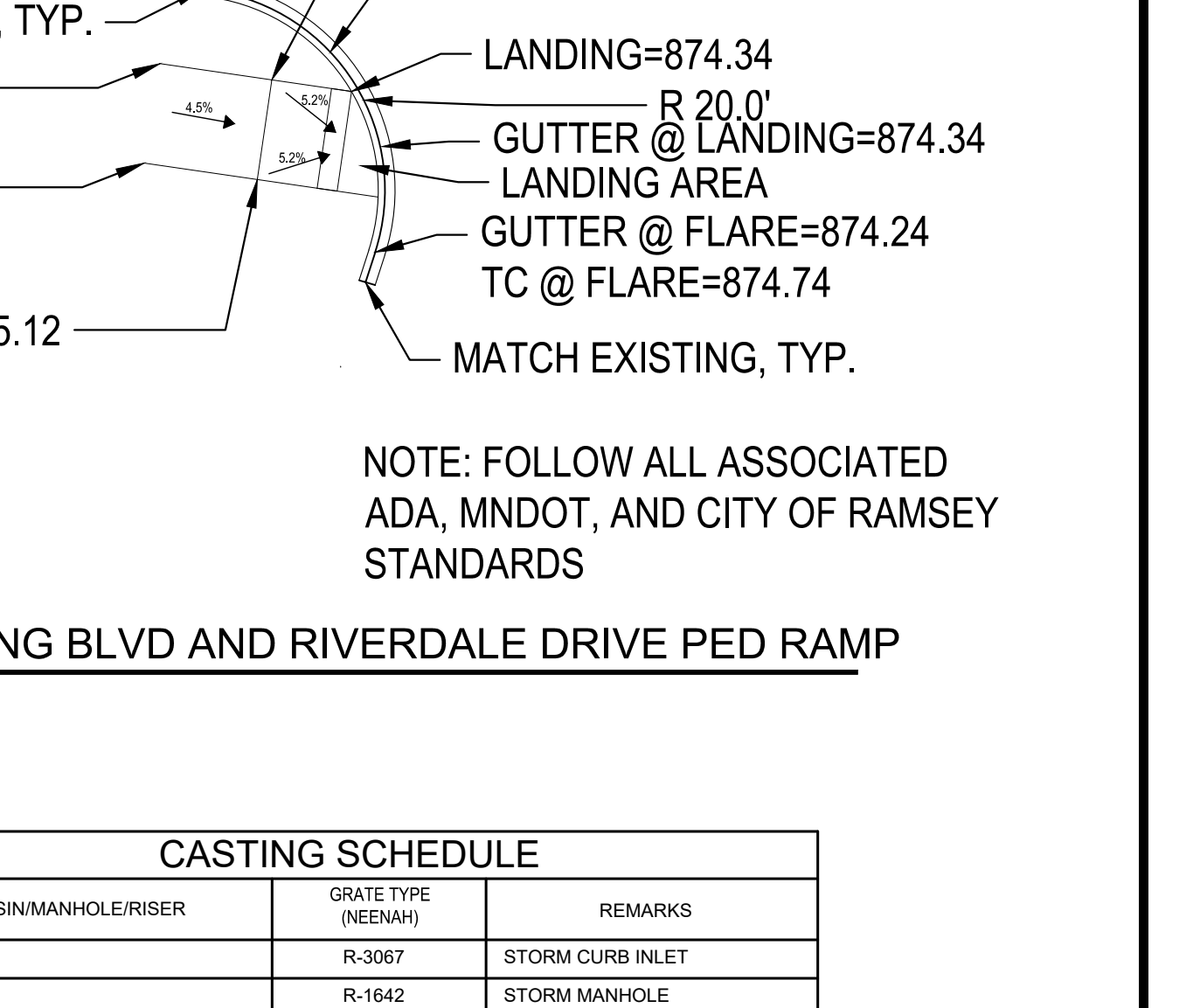
APPROVED: 4 - 2016
City of RAMSEY
STANDARD DETAILS: STREET PATCHING STANDARDS
CITY PLATE No. STR-25



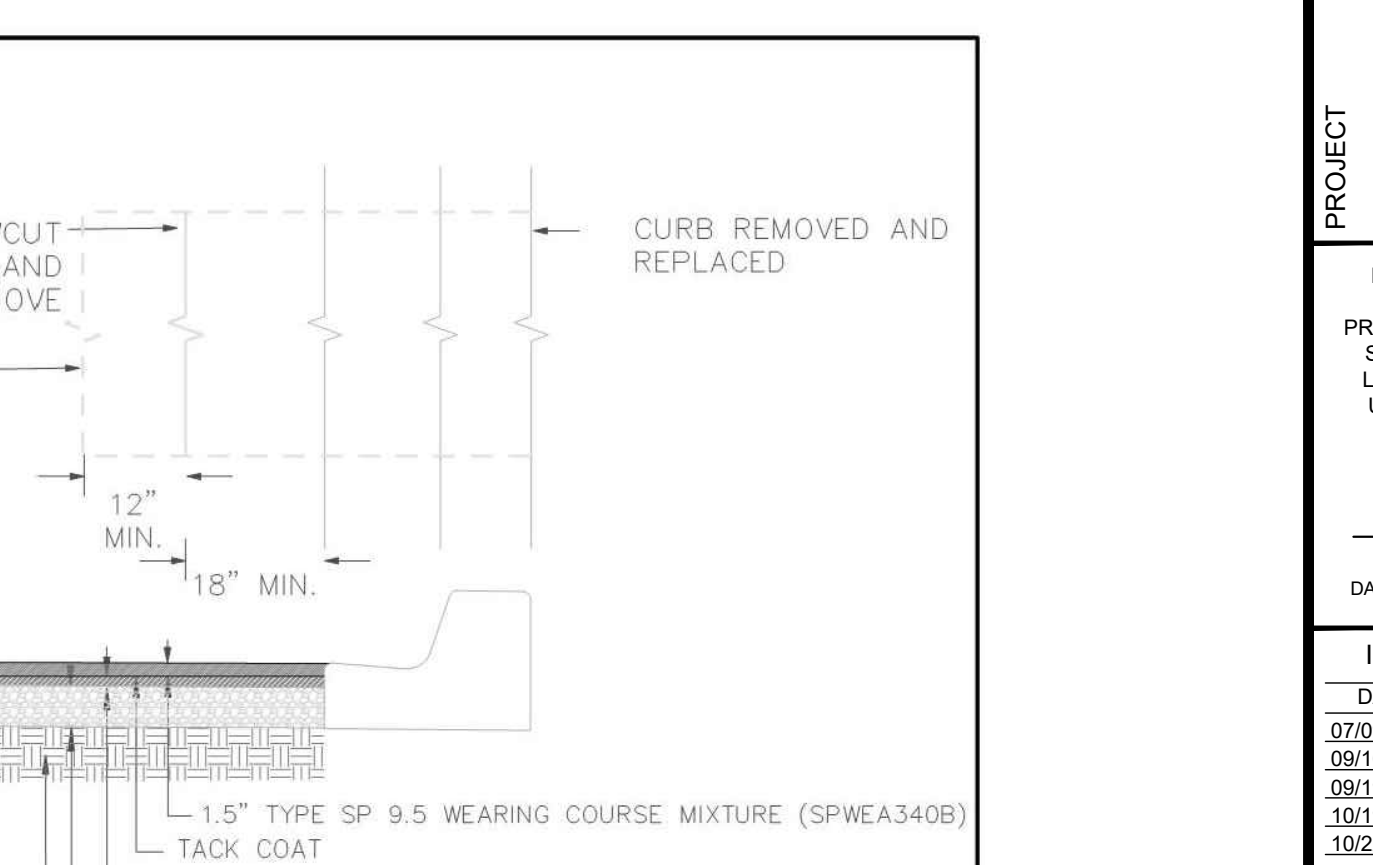
APPROVED: 6 - 2016
City of RAMSEY
STANDARD DETAILS: STREET PATCHING STANDARDS
CITY PLATE No. STR-25



12 PIPE BEDDING - PVC
NTS

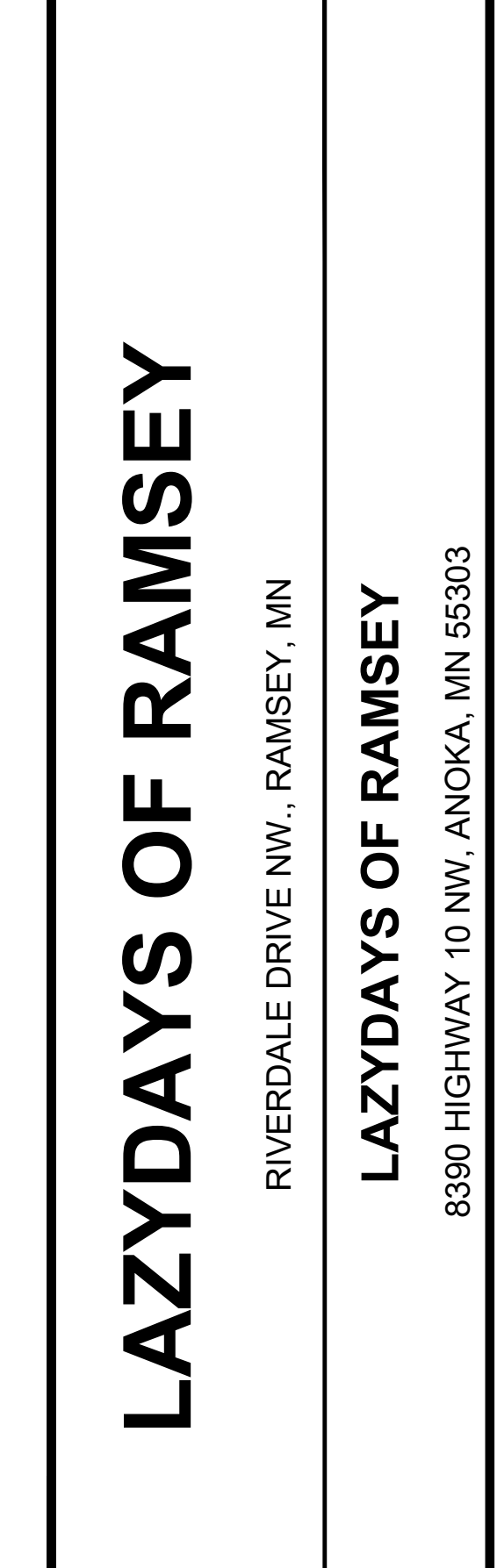


APPROVED: 6 - 2016
City of RAMSEY
STANDARD DETAILS: STREET PATCHING STANDARDS
CITY PLATE No. STR-25



APPROVED: 6 - 2016
City of RAMSEY
STANDARD DETAILS: STREET PATCHING STANDARDS
CITY PLATE No. STR-25

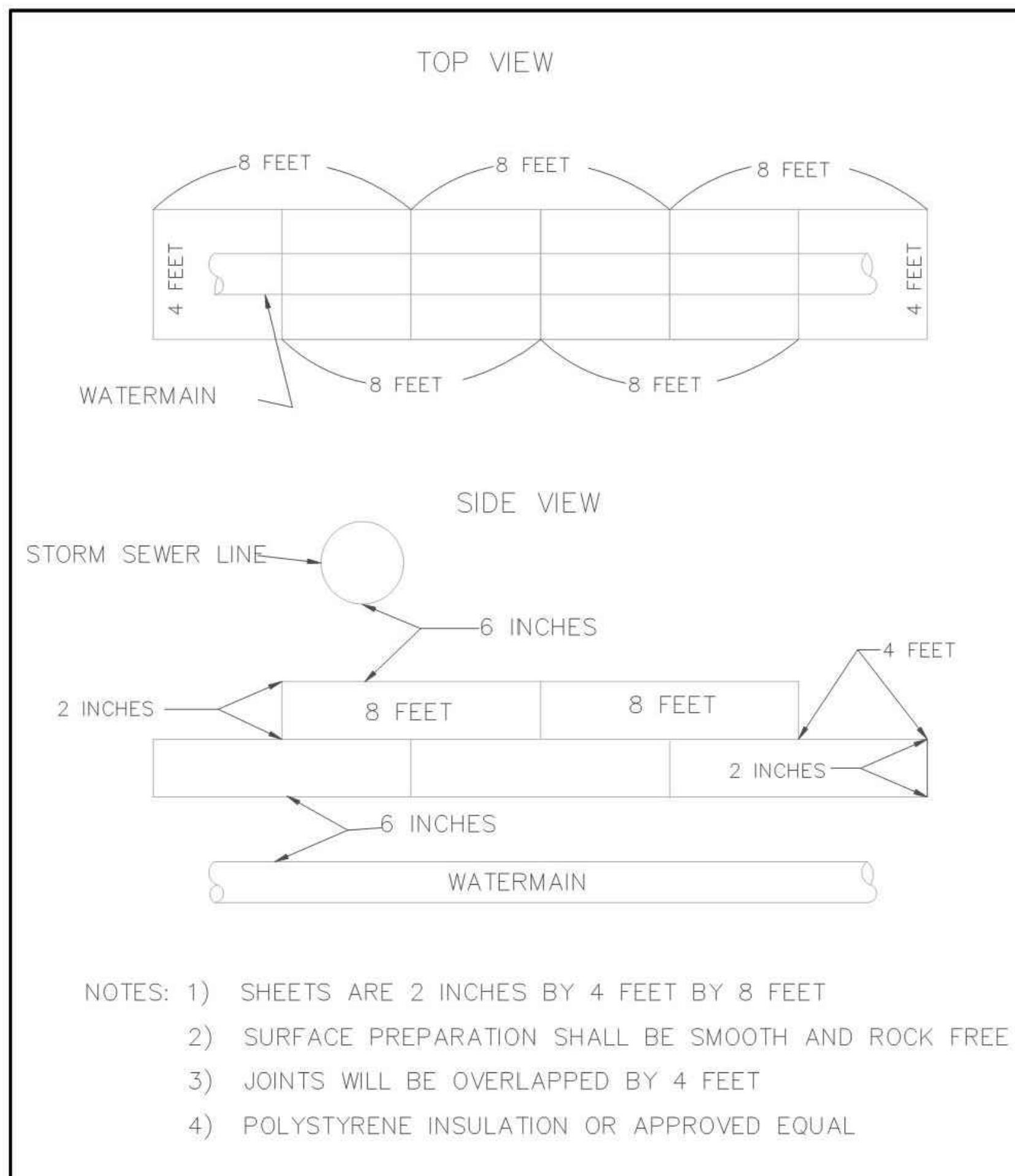
LAZYDAYS OF RAMSEY
RIVERDALE DRIVE NW., RAMSEY, MN
LAZYDAYS OF RAMSEY
8390 HIGHWAY 10 NW., ANOKA, MN 55303



APPROVED: 6 - 2016
City of RAMSEY
STANDARD DETAILS: STREET PATCHING STANDARDS
CITY PLATE No. STR-25

APPROVED: 6 - 2016
City of RAMSEY
STANDARD DETAILS: STREET PATCHING STANDARDS
CITY PLATE No. STR-25

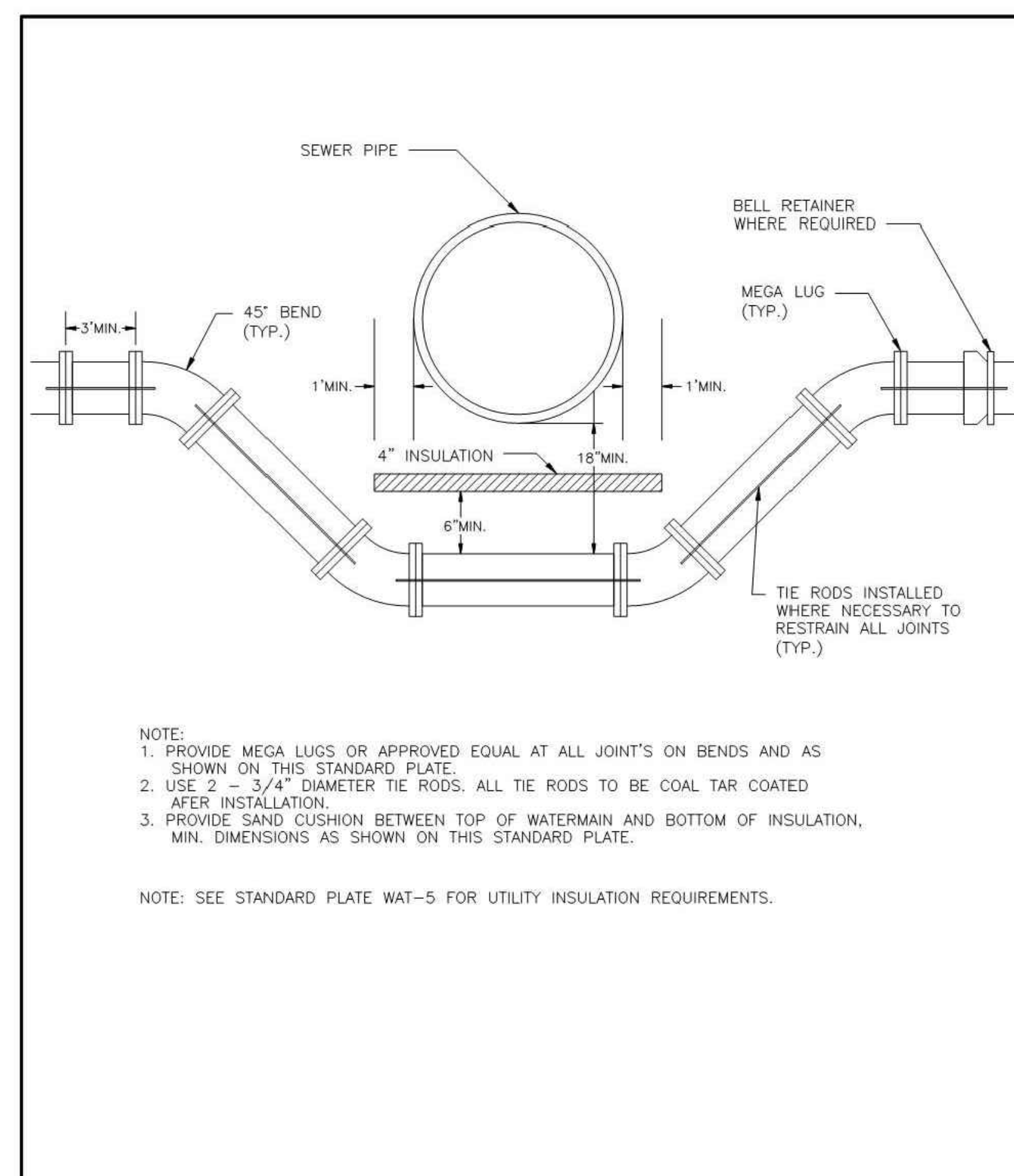
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APPROVED: 4 - 2016

City of RAMSEY

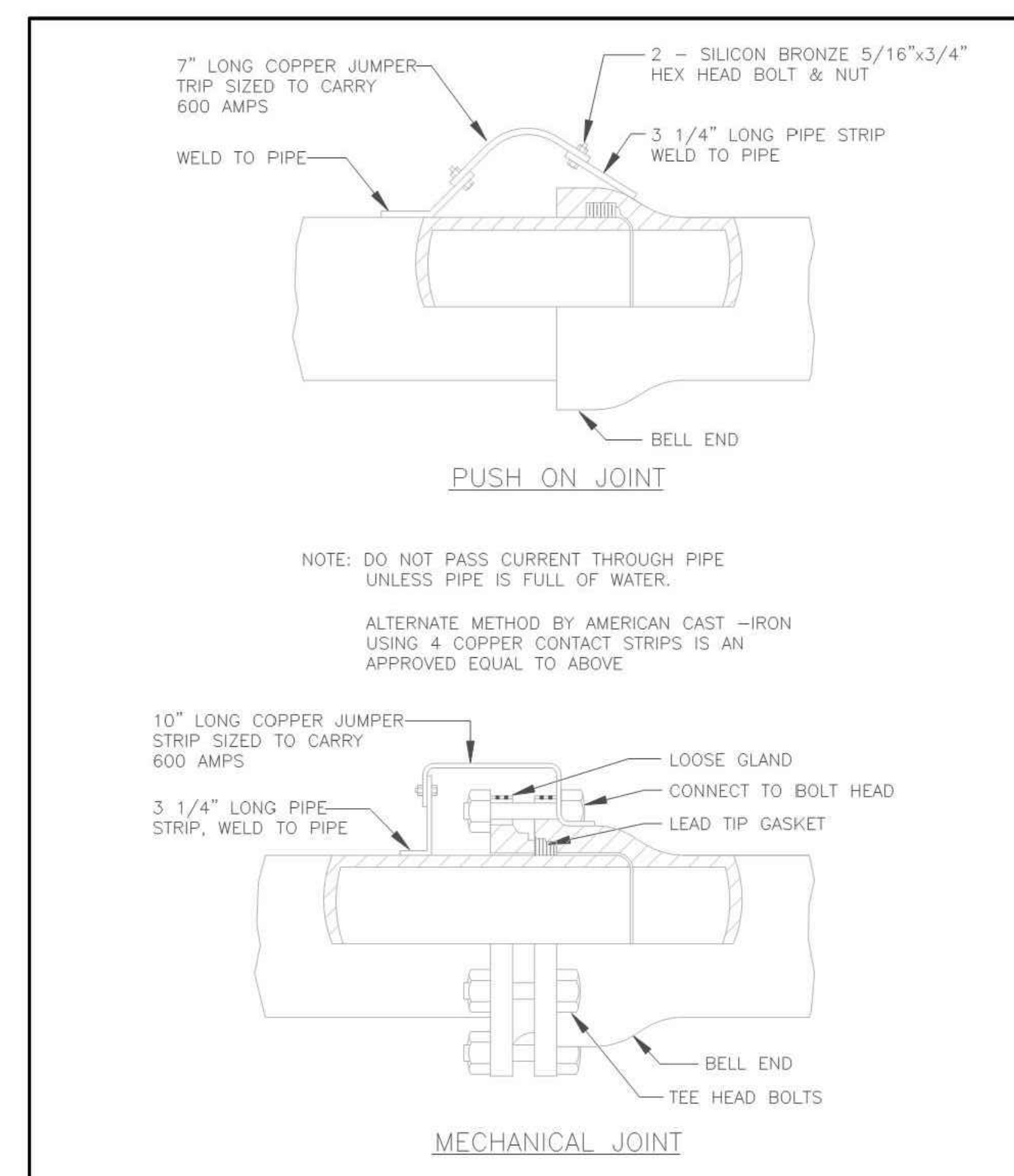
STANDARD DETAILS: UTILITY INSULATION
 CITY PLATE No. WAT-6



APPROVED: 6 - 2015

City of RAMSEY

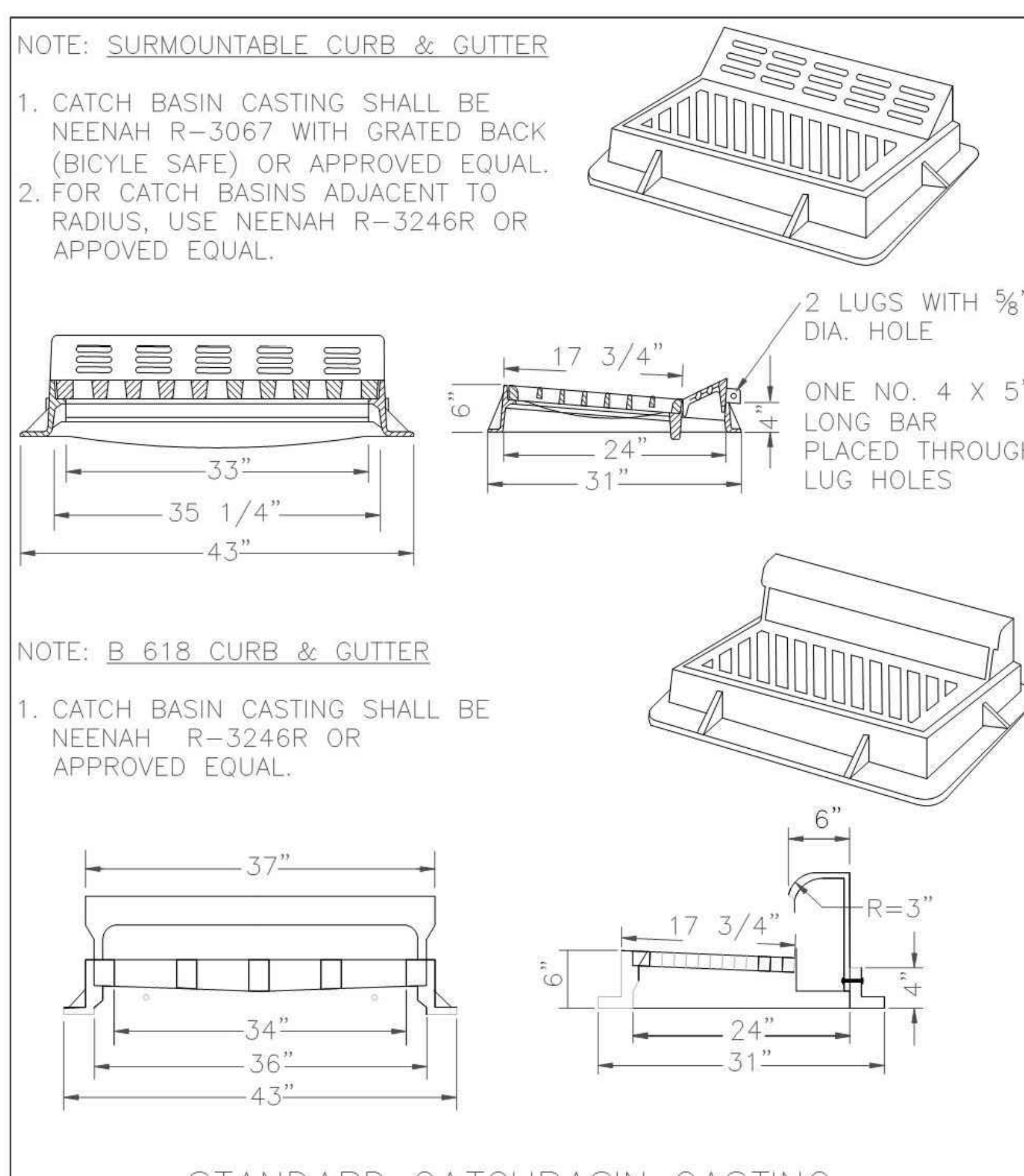
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 CITY PLATE No. WAT-7



APPROVED: 1 - 2016

City of RAMSEY

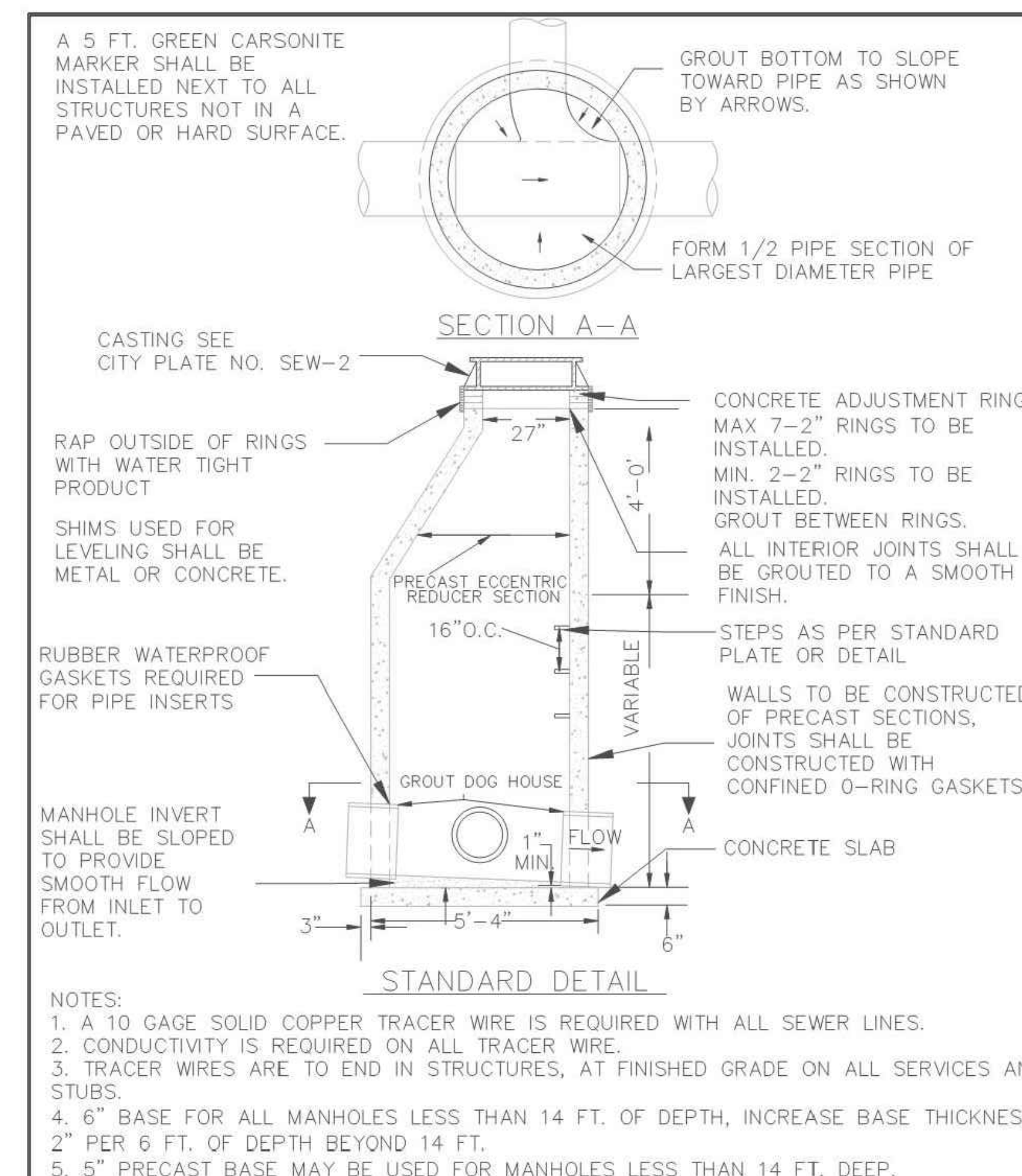
STANDARD DETAILS: JOINT CONNECTION
 CITY PLATE No. WAT-4



APPROVED: 7 - 2016

City of RAMSEY

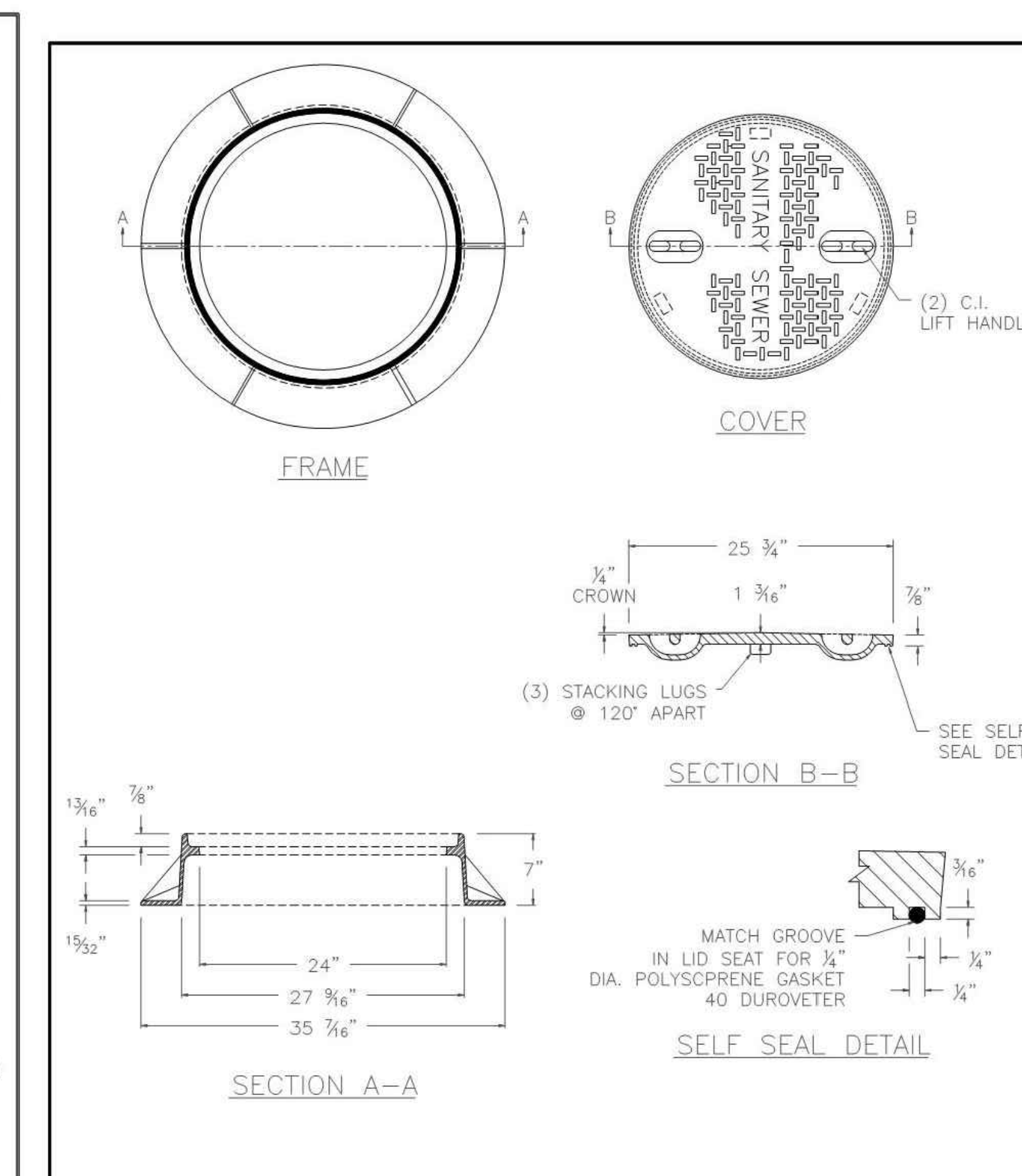
STANDARD DETAILS: STORMWATER CASTING
 CITY PLATE No. STD-4



APPROVED: 1 - 2016

City of RAMSEY

STANDARD DETAILS: SANITARY MANHOLE
 CITY PLATE No. SEW-1



APPROVED: 11 - 2015

City of RAMSEY

STANDARD DETAILS: WATER TIGHT CASTING
 CITY PLATE No. SEW-2

LAZYDAYS OF RAMSEY

RIVERDALE DRIVE NW., RAMSEY, MN
 LAZYDAYS OF RAMSEY
 8390 HIGHWAY 10 NW, ANOKA, MN 55303

PROJECT

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Matthew R. Payer
 Matthew R. Payer
 DATE 09/10/18, LICENSE NO. 44283

ISSUE/SUBMITTAL SUMMARY

| DATE | DESCRIPTION |
|----------|-------------------------|
| 02/06/18 | CITY SUBMITTAL |
| 09/19/18 | CITY RESUBMITTAL |
| 09/19/18 | COUNTY TECHNICAL REVIEW |
| 10/18/18 | CITY RESUBMITTAL |
| 10/22/18 | CITY RESUBMITTAL |

REVISION SUMMARY

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |

PROJECT NUMBER: 18213

CIVIL DETAILS

C5.1

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

Patricia J. Sawyer
 DATE: 09/10/18 LICENSE NO. 24904

| ISSUE/SUBMITTAL SUMMARY | |
|-------------------------|-------------------------|
| DATE | DESCRIPTION |
| 07/09/18 | CITY SUBMITTAL |
| 08/10/18 | CITY RESUBMITTAL |
| 08/19/18 | COUNTY TECHNICAL REVIEW |
| 10/19/18 | CITY RESUBMITTAL |
| 10/22/18 | CITY RESUBMITTAL |

| REVISION SUMMARY | |
|------------------|-------------|
| DATE | DESCRIPTION |
| | |
| | |

| LANDSCAPE PLAN | |
|----------------|--|
|----------------|--|

CITY SPECIFIC LANDSCAPE NOTES:

- ALL AREAS DISTURBED DURING CONSTRUCTION AND NOT IMPROVED WITH BUILDINGS OR IMPERVIOUS SURFACING SHALL RECEIVE 4 INCHES OF TOPSOIL MEETING THE CITY'S SPECIFICATIONS. LOAD TICKETS SHALL BE PROVIDED TO THE CITY AND THE TOPSOIL INSPECTION SHALL OCCUR PRIOR TO INSTALLATION OF PLANTINGS AND SOIL.
- A RAIN SENSOR IS REQUIRED AND ONE OR MORE WATER EFFICIENT TECHNOLOGIES MUST BE INCORPORATED INTO IRRIGATION SYSTEM, SUCH AS A SMART CONTROLLER, SOIL MOISTURE SENSOR, AND/OR EVAPOTRANSPIRATION SENSOR.

PLANT SCHEDULE - ENTIRE SITE

| SYM | QUANT. | COMMON NAME | BOTANICAL NAME | SIZE | ROOT | COMMENTS |
|--|--------|------------------------|--|-----------|-------|----------------------------|
| DECIDUOUS TREES | | | | | | |
| NRM | 23 | NORTHWOOD RED MAPLE | <i>Acer rubrum 'Northwood'</i> | 2.5' CAL. | B&B | STRAIGHT LEADER, FULL FORM |
| SHL | 9 | SWAMP WHITE OAK | <i>Quercus bicolor</i> | 2.5' CAL. | B&B | STRAIGHT LEADER, FULL FORM |
| PE | 14 | PRINCETON ELM | <i>Ulmus americana 'Princeton'</i> | 2.5' CAL. | B&B | STRAIGHT LEADER, FULL FORM |
| PGM | 13 | PRINCETON GOLD MAPLE | <i>Acer platanoides 'Princeton Gold'</i> | 2.5' CAL. | B&B | STRAIGHT LEADER, FULL FORM |
| EVERGREEN TREES | | | | | | |
| BHS | 23 | BLACK HILLS SPRUCE | <i>Picea glauca 'Densata'</i> | 6' HT. | B&B | STRAIGHT LEADER, FULL FORM |
| SHRUBS - CONIFEROUS & EVERGREEN | | | | | | |
| AFD | 21 | ARCTIC FIRE DOGWOOD | <i>Cornus sericea 'Farrow'</i> | 24" HT. | CONT. | |
| NCB | 374 | NORTHERN CHARM BOXWOOD | <i>Buxus 'Wilson'</i> | 24" HT. | CONT. | |
| GLS | 17 | GRO-LOW SUMAC | <i>Rhus aromatica 'Gro-Low'</i> | 24" HT. | CONT. | |
| PERENNIALS & GRASSES | | | | | | |
| RS | 23 | RUSSIAN SAGE | <i>Pierovskia atriplicifolia</i> | #1 | CONT. | |
| BES | 17 | GOLDSTURM RUDBECKIA | <i>Rudbeckia fulgida 'Goldsturm'</i> | #1 | CONT. | |

TOPSOIL MUST MEET MINIMUM SPECIFICATIONS OF CITY REQUIREMENTS (MINDOT PREMIUM BORROW). A MINIMUM OF 4" OF TOPSOIL IS REQUIRED.

IRRIGATION NOTES:

- ENTIRE SITE SHALL BE FULLY IRRIGATED. THE CONTRACTOR SHALL SUBMIT IRRIGATION SHOP DRAWINGS FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- SEE MECHANICAL AND ELECTRICAL PLANS AND SPECIFICATIONS FOR IRRIGATION WATER, METER, AND POWER CONNECTIONS.
- CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND/ABOVE GROUND FACILITIES PRIOR TO ANY EXCAVATION/INSTALLATION. ANY DAMAGE TO UNDERGROUND/ABOVE GROUND FACILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND COSTS ASSOCIATED WITH CORRECTING DAMAGES SHALL BE BORNE ENTIRELY BY THE CONTRACTOR.
- SERVICE EQUIPMENT AND INSTALLATION SHALL BE PER LOCAL UTILITY COMPANY STANDARDS AND SHALL BE PER NATIONAL AND LOCAL CODES. EXACT LOCATION OF SERVICE EQUIPMENT SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECT OR EQUIVALENT AT THE JOB SITE.
- CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY COMPANY FOR THE PROPOSED ELECTRICAL SERVICE AND METERING FACILITIES.
- IRRIGATION WATER LINE CONNECTION SIZE IS 1-1/2" AT BUILDING. VERIFY WITH MECHANICAL PLANS/COVERAGE.
- ALL MAIN LINES SHALL BE 18" BELOW FINISHED GRADE.
- ALL LATERAL LINES SHALL BE 12" BELOW FINISHED GRADE.
- ALL EXPOSED PVC RISERS, IF ANY, SHALL BE GRAY IN COLOR.
- CONTRACTOR SHALL LAY ALL SLEEVES AND CONDUIT AT 2'-0" BELOW THE FINISHED GRADE OF THE TOP OF PAVEMENT. EXTEND SLEEVES TO 2'-0" BEYOND PAVEMENT.
- CONTRACTOR SHALL MARK THE LOCATION OF ALL SLEEVES AND CONDUIT WITH THE SLEEVING MATERIAL "ELDED" TO 2'-0" ABOVE FINISHED GRADE AND CAPPED.
- FABRICATE ALL PIPE TO MANUFACTURER'S SPECIFICATIONS WITH CLEAN AND SQUARE CUT JOINTS. USE QUALITY GRADE PRIMER AND SOLVENT CEMENT FORMULATED FOR INTENDED TYPE OF CONNECTION.
- BACKFILL ALL TRENCHES WITH SOIL FREE OF SHARP OBJECTS AND DEBRIS.
- ALL VALVE BOXES AND COVERS SHALL BE BLACK IN COLOR.
- GROUP VALVE BOXES TOGETHER FOR EASE WHEN SERVICE IS REQUIRED. LOCATE IN PLANT BED AREAS WHENEVER POSSIBLE.
- IRRIGATION CONTROLLER LOCATION SHALL BE VERIFIED ON-SITE WITH OWNER'S REPRESENTATIVE.
- CONTROL WIRES: 14 GAUGE DIRECT BURIAL, SOLID COPPER IRRIGATION WIRE. RUN UNDER MAIN LINE. USE MOISTURE-PROOF SPLICES AND SPLICE ONLY AT VALVES OR PULL BOXES. RUN SEPARATE HOT AND COMMON WIRE TO EACH VALVE AND ONE (1) SPARE WIRE AND GROUND TO FURTHEST VALVE FROM CONTROLLER. LABEL OR COLOR CODE ALL WIRES.
- AVOID OVER SPRAY ON BUILDINGS, PAVEMENT, WALLS AND ROADWAYS BY INDIVIDUALLY ADJUSTING RADIUS OR ARC ON SPRINKLER HEADS AND FLOW CONTROL ON AUTOMATIC VALVE.
- ADJUST PRESSURE REGULATING VALVES FOR OPTIMUM PRESSURE ON SITE.
- USE SCREENS ON ALL HEADS.
- A SET OF AS-BUILT DRAWINGS SHALL BE MAINTAINED ON-SITE AT ALL TIMES IN AN UPDATED CONDITION.
- ALL PIPE 3" AND OVER SHALL HAVE THRUST BLOCKING AT EACH TURN.
- ALL AUTOMATIC REMOTE CONTROL VALVES WILL HAVE 3" MINIMUM DEPTH OF 3/4" WASHED GRAVEL UNDERNEATH VALVE AND VALVE BOX. GRAVEL SHALL EXTEND 3" BEYOND PERIMETER OF VALVE BOX.
- THERE SHALL BE 3" MINIMUM SPACE BETWEEN BOTTOM OF VALVE BOX COVER AND TOP OF VALVE STRUCTURE.

LANDSCAPE NOTES:

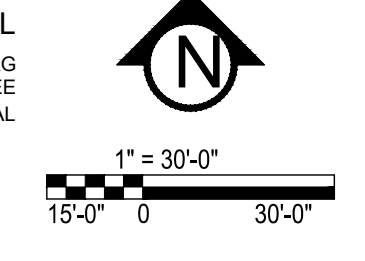
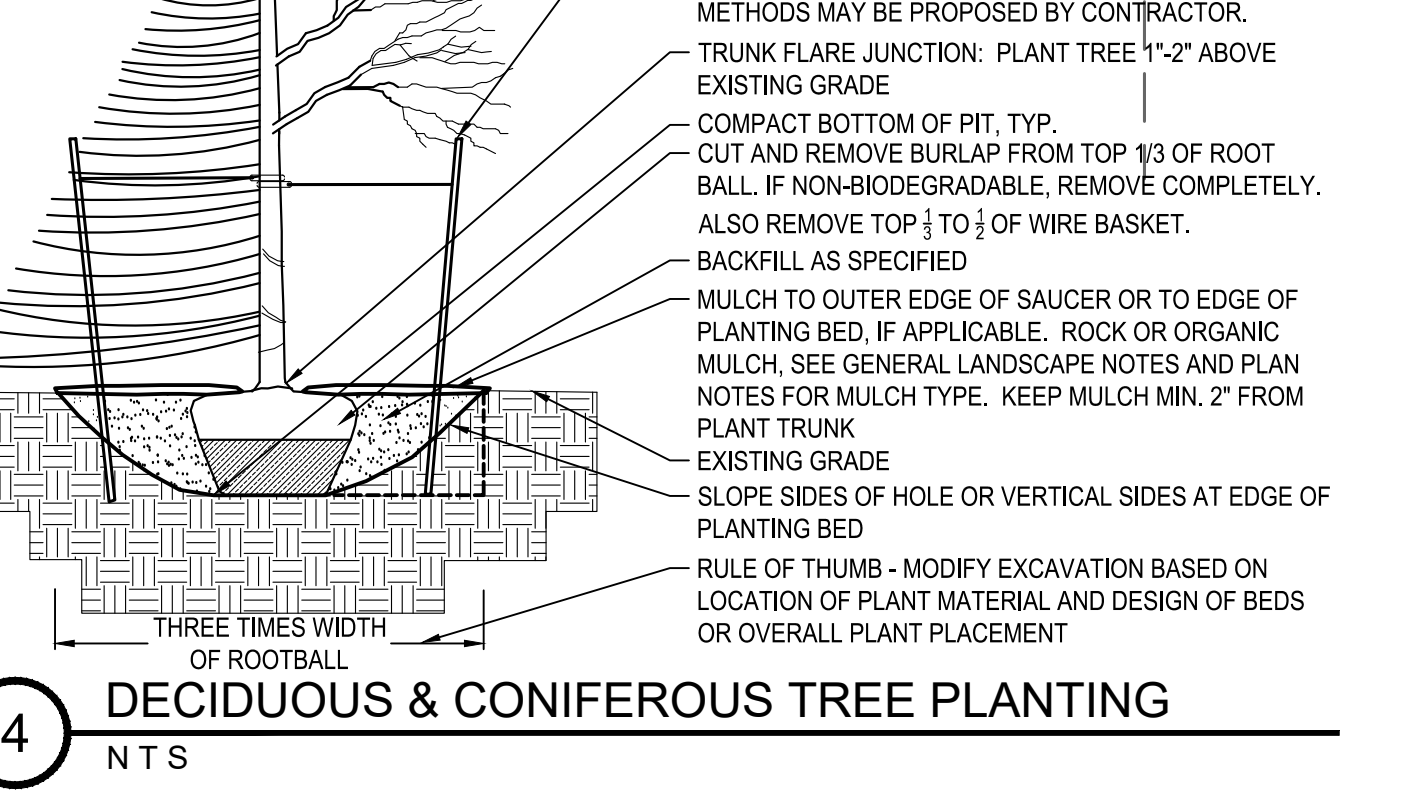
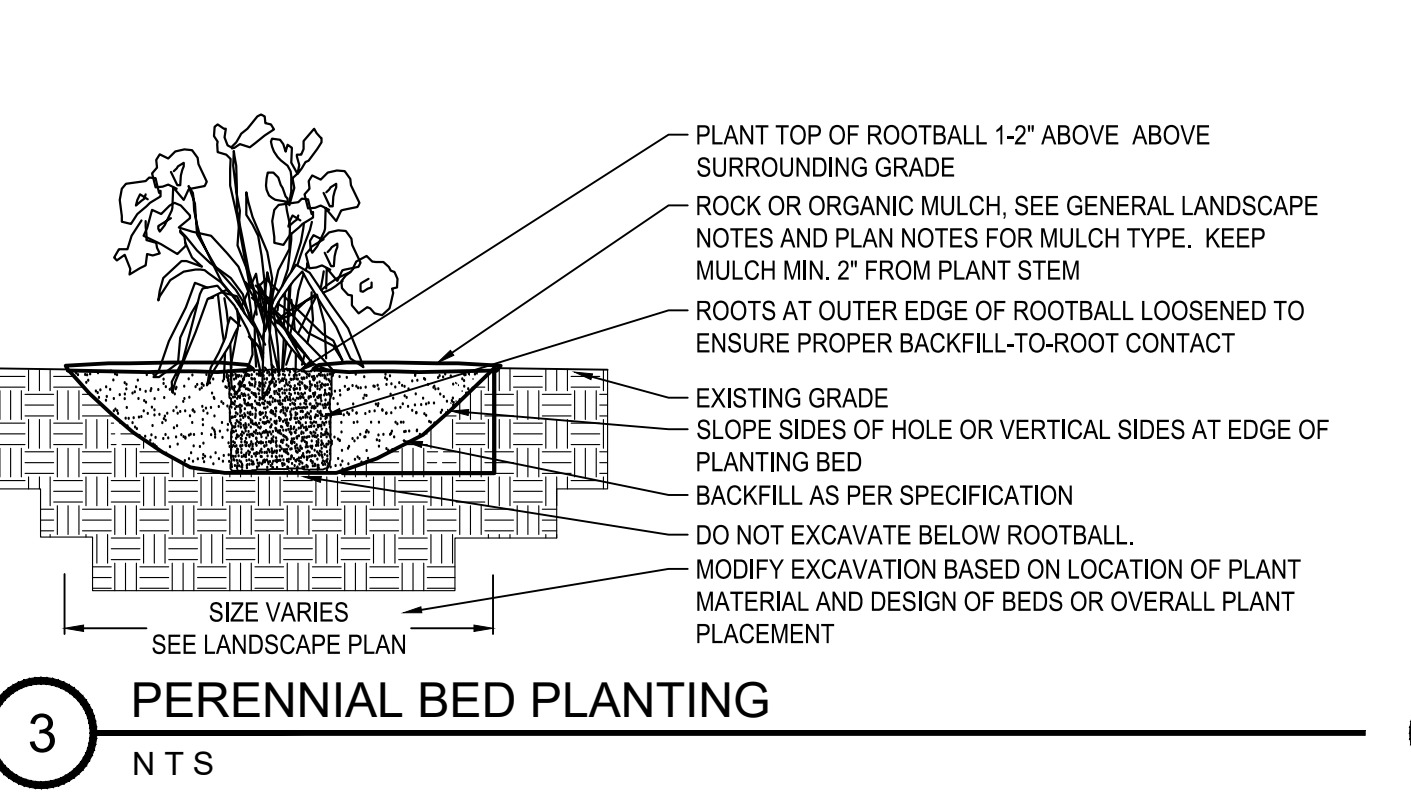
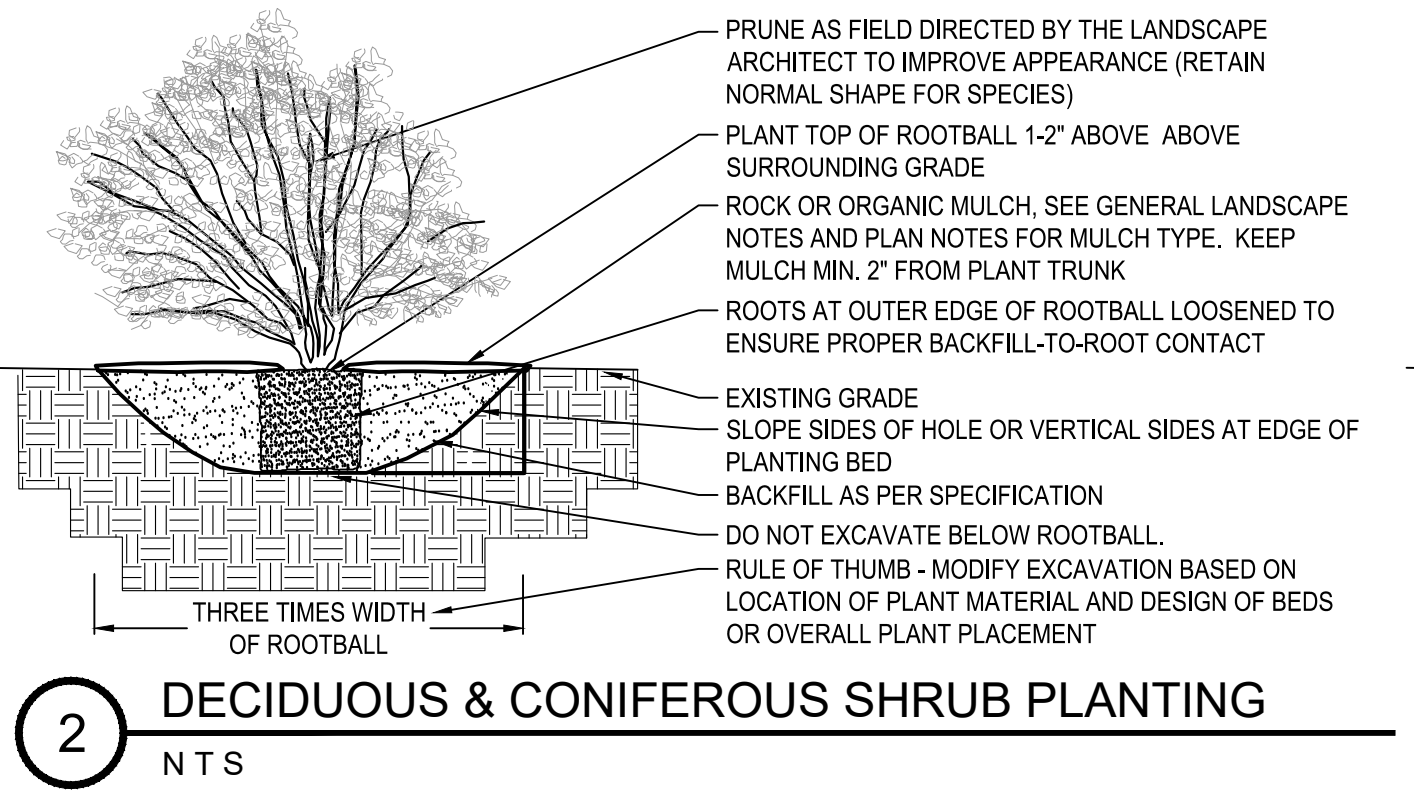
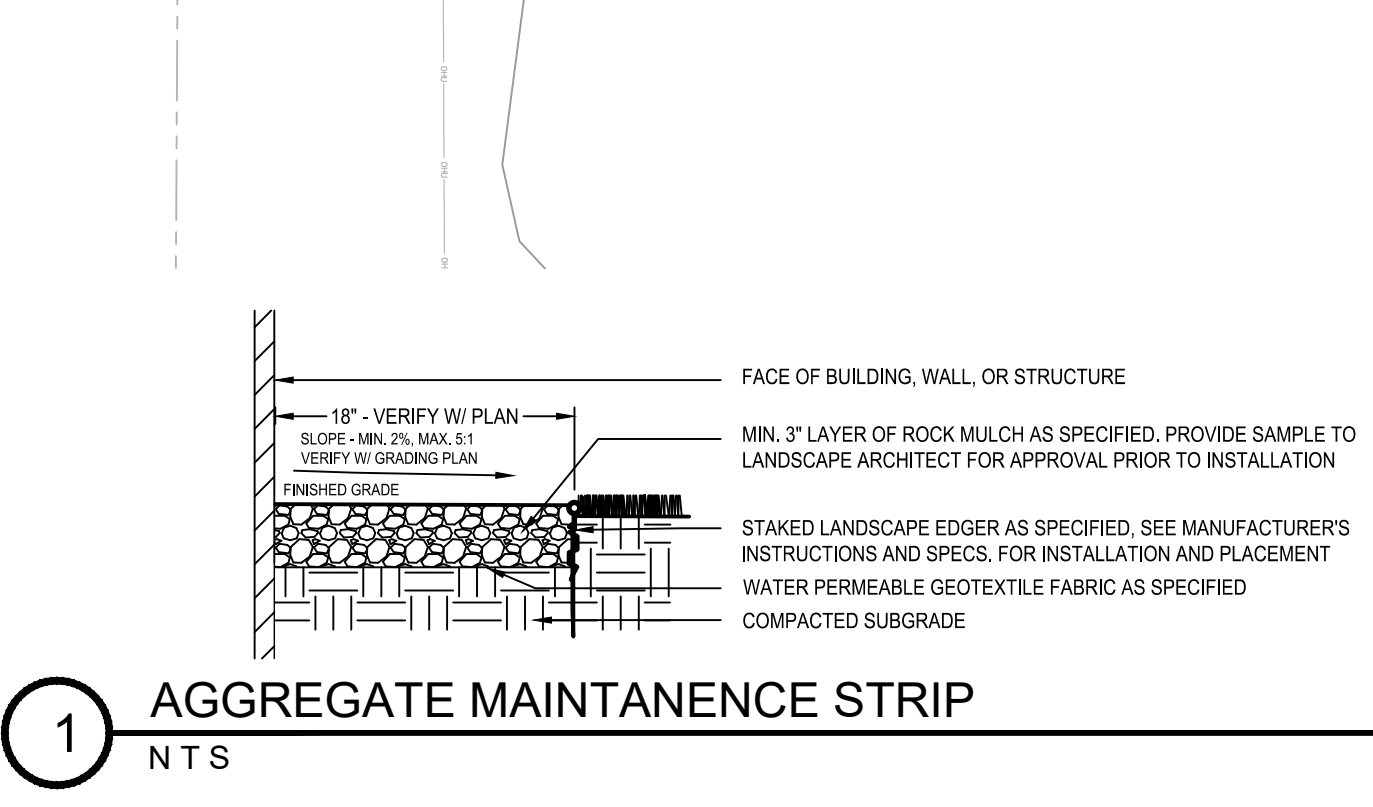
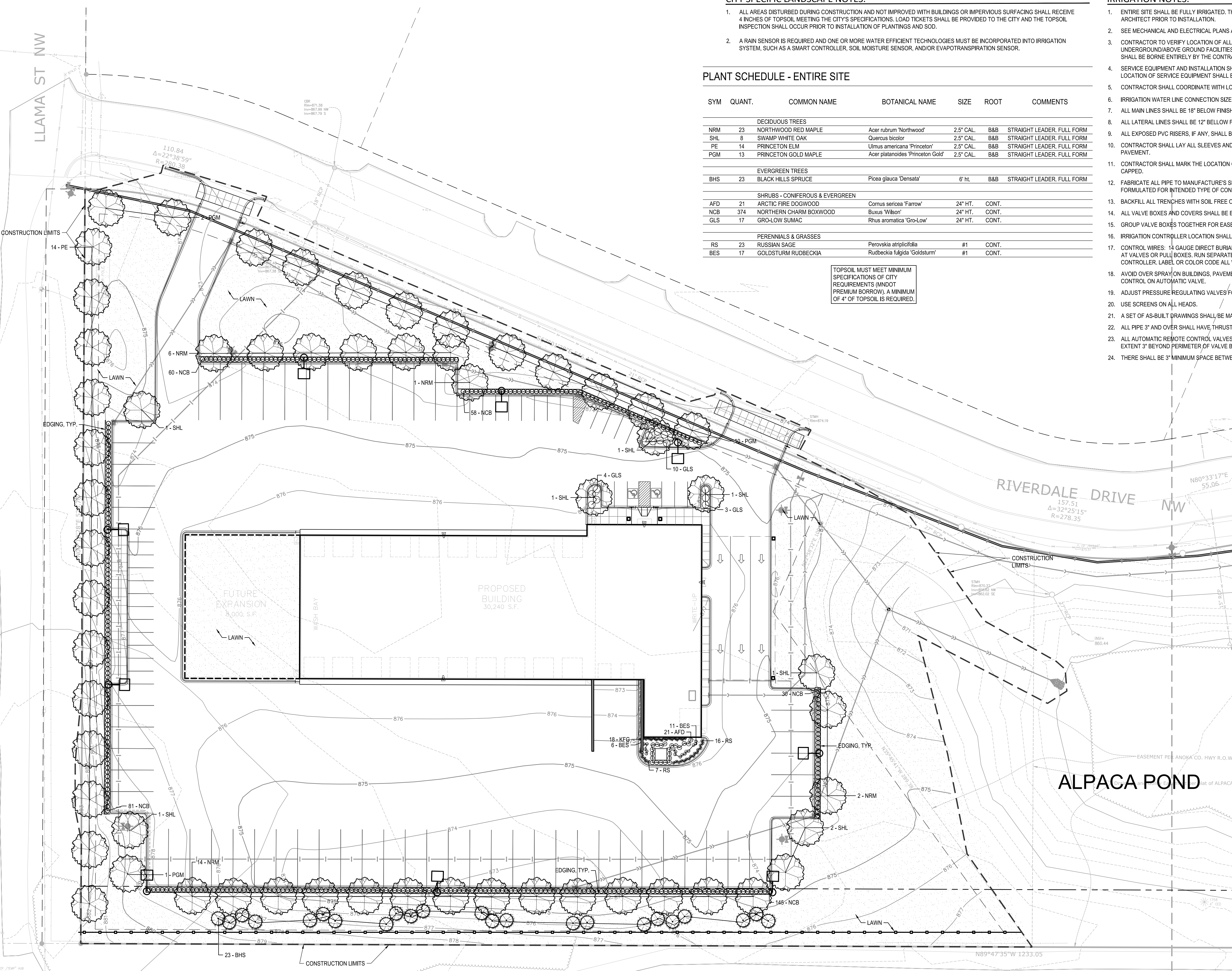
- WHERE SHOWN, SHRUB & PERENNIAL BEDS SHALL BE MULCHED WITH 4" DEPTH (MINIMUM AFTER INSTALLATION AND/OR TOP DRESSING OPERATIONS) OF SHREDDED CYPRESS MULCH.
- ALL TREES SHALL BE MULCHED WITH SHREDDED CYPRESS MULCH TO OUTER EDGE OF SAUCER OR TO EDGE OF PLANTING BED, IF APPLICABLE. ALL MULCH SHALL BE KEPT WITHIN A MINIMUM OF 2' FROM TREE TRUNK.
- IF SHOWN ON PLAN, RANDOM SIZED LIMESTONE BOULDERS COLOR AND SIZE TO COMPLEMENT NEW LANDSCAPING. OWNER TO APPROVE BOULDER SAMPLES PRIOR TO INSTALLATION.
- PLANT MATERIALS SHALL CONFORM WITH THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS AND SHALL BE OF HARDY STOCK, FREE FROM DISEASE, DAMAGE AND DISFIGURATION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PLUMPNESS OF PLANT MATERIAL FOR DURATION OF ACCEPTANCE PERIOD.
- UPON DISCOVERY OF A DISCREPANCY BETWEEN THE QUANTITY OF PLANTS SHOWN ON THE SCHEDULE AND THE QUANTITY SHOWN ON THE PLAN, THE PLAN SHALL GOVERN.
- A (2) YEAR MAINTENANCE SURETY IS REQUIRED TO ENSURE SURVIVAL OF ALL PLANTINGS. DEVELOPER IS RESPONSIBLE FOR CONTACTING CITY TO COMPLETE AN INSPECTION AFTER THE 2-YEAR PERIOD. ANY DEAD OR UNHEALTHY PLANTINGS MUST BE REPLACED BEFORE THE CITY WILL RELEASE THE MAINTENANCE SURETY.
- COORDINATE LOCATION OF VEGETATION WITH UNDERGROUND AND OVERHEAD UTILITIES, LIGHTING FIXTURES, DOORS AND WINDOWS. CONTRACTOR SHALL STAKE IN THE FIELD FINAL LOCATION OF TREES AND SHRUBS FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- ALL PLANT MATERIALS SHALL BE WATERED AND MAINTAINED UNTIL ACCEPTANCE.
- REPAIR AT NO COST TO OWNER ALL DAMAGE RESULTING FROM LANDSCAPE CONTRACTOR'S ACTIVITIES.
- SWEEP AND MAINTAIN ALL PAVED SURFACES FREE OF DEBRIS GENERATED FROM LANDSCAPE CONTRACTOR'S ACTIVITIES.
- REPAIR AT NO COST TO THE OWNER IRRIGATION SYSTEM DAMAGED FROM LANDSCAPE CONSTRUCTION ACTIVITIES.
- PROVIDE SITE WIDE IRRIGATION SYSTEM DESIGN AND INSTALLATION. SYSTEM SHALL BE FULLY PROGRAMMABLE AND CAPABLE OF ALTERNATE DATE WATERING. THE SYSTEM SHALL PROVIDE HEAD TO HEAD OR DRIP COVERAGE AND BE CAPABLE OF DELIVERING ONE INCH OF PRECIPITATION PER WEEK. SYSTEM SHALL EXTEND INTO THE PUBLIC RIGHT-OF-WAY TO THE EDGE OF PAVEMENT/BACK OF CURB.
- CONTRACTOR SHALL SECURE APPROVAL OF PROPOSED IRRIGATION SYSTEM INCLUDING PRICING FROM OWNER, PRIOR TO INSTALLATION.
- CONTACT DON ZART AT (612)-673-2726 FOR COORDINATION REGARDING PARK DEDICATION FEES

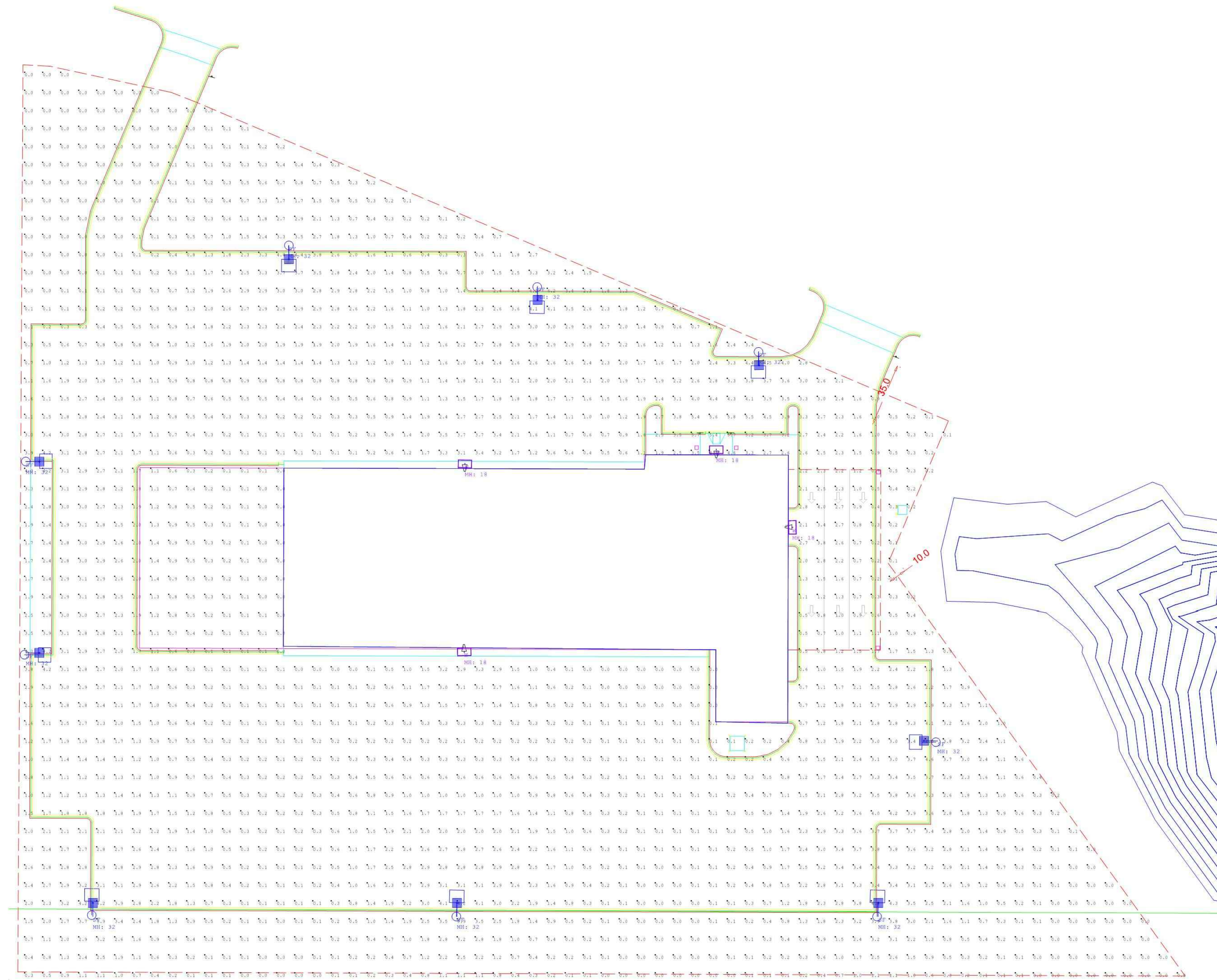
LANDSCAPE CALCULATIONS:

- PROPOSED LANDSCAPE:
 1 TREE / 50 SF OF SITE PERIMETER
 2,147.0 SF / 50 = 43 TREES REQUIRED
 SEE PLANT SCHEDULE
- 1 TREE / 1000 SF OF BUILDING FOOTPRINT AREA
 30,240.0 SF / 1000 = 30 TREES REQUIRED
 SEE PLANT SCHEDULE
- 1 SHRUB / 30 UNEQUAL FOOT OF SITE PERIMETER
 2,147.0 SF / 30 = 72 SHRUBS REQUIRED
 SEE PLANT SCHEDULE
- 1 SHRUB / 1000 SF OF BUILDING FOOTPRINT AREA
 30,240.0 SF / 1000 = 30 SHRUBS REQUIRED
 SEE PLANT SCHEDULE
- *WHICHEVER IS GREATER SHALL BE APPLIED

LEGEND

- SEED MIX 1 - MINDOT 34-262 WET PRAIRIE, PER MINDOT SEEDING MANUAL SPECIFICATIONS (2014)
- SEED MIX 2 - MINDOT 35-221 DRY PRAIRIE GENERAL, PER MINDOT SEEDING MANUAL SPECIFICATIONS (2014)
- 1" DIA. DECORATIVE ROCK MAINTENANCE STRIP OVER FILTER FABRIC, SAMPLES REQUIRED. PROVIDE EDGING AS SHOWN ON PLAN
- 2"-4" DIA. ANGULAR RIP-RAP, MIN. 6" DEPTH - SAMPLES REQUIRED.
- ALL PLANTING/SHRUB BEDS - SHREDDED CYPRESS MULCH, SAMPLES REQUIRED PROVIDE EDGING AS SHOWN ON PLAN
- SOD
- PROPOSED CANOPY & EVERGREEN TREE SYMBOLS - SEE SCHEDULE AND PLAN FOR SPECIES AND PLANTING SIZES
- PROPOSED DECIDUOUS AND EVERGREEN SHRUB SYMBOLS - SEE SCHEDULE AND PLAN FOR SPECIES AND PLANTING SIZES
- PROPOSED PERENNIAL PLANT SYMBOLS - SEE SCHEDULE AND PLAN FOR SPECIES AND PLANTING SIZES
- DECORATIVE BOULDERS, 18"-30" DIA.





Scale: 1 inch = 30 Ft.

| Luminaire Schedule | | | | Lum. Lumens | LIF | Description | Lum. Watts | Total Watts |
|--------------------|-----|-------|-------------|-------------|-------|---------------------------------|------------|-------------|
| Symbol | Qty | Label | Arrangement | 8374 | 0.900 | LSI XWM-3-LED-08-4-UE-BRZ | 76 | 304 |
| W | 4 | | SINGLE | 31402 | 0.900 | LSI SIM-LED-301-SIL-FT-40-70CRI | 248.6 | 2237.4 |
| SF | 9 | | SINGLE | | | | | |

| Calculation Summary | | | | Units | Avg | Max | Min | Avg/Min | Max/Min |
|---------------------|------|-------------|----|-------------|------|-----|-----|---------|---------|
| Label | SITE | ILLUMINANCE | FC | ILLUMINANCE | 1.25 | 5.8 | 0.0 | N.A. | N.A. |
| Pavement | | | FC | ILLUMINANCE | 1.48 | 5.8 | 0.0 | N.A. | N.A. |

Lazy Days RV
Ramsey MN

LS952-3214-3

Drawn By: Kathy Frey
Date: 9/12/2018
Sales Agent: Steve Hahn
Scale: As Noted

| # | Date | Comments |
|-----------|------|----------|
| Revisions | | |
| | | |



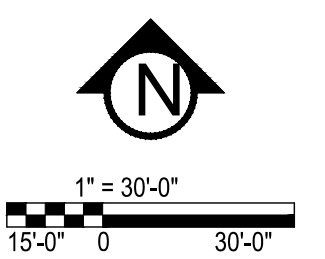
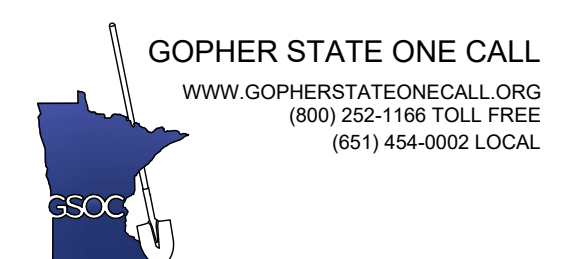
These drawings are for conceptual use only and are not intended for construction. Fixture runs and quantities should be verified prior to order. Values represented are an approximation generated from manufacturers photometric inhouse or independent lab tests with data supplied by lamp manufacturers.

LIGHTING NOTES:

- ALL LIGHTING USED TO ILLUMINATE OFF-STREET PARKING AREAS SHALL BE ARRANGED TO DEFLECT LIGHT AWAY FROM ANY ADJOINING RESIDENTIAL DISTRICT OR PUBLIC STREET.
- IF ANY BULBS ARE IN EXCESS OF 3,000 LUMENS (150 WATTS), IT SHALL BE DIRECTED THAT THE BULB IS NOT VISIBLE FROM OFF OF THE PROPERTY WHERE SUCH LIGHT SOURCE IS LOCATED.
- POLE LOCATIONS AND SPACING SHALL COMPLY WITH CMU STANDARDS.
- OFF-STREET PARKING LIGHT POLES SHALL NOT EXCEED CITY HEIGHT REQUIREMENTS.
- PROVIDE RAISED BASE FOR ALL POLES IN PAVED PARKING AREAS AND AREAS WITHIN 24" OF CURB FROM EDGE OF POLE BASE.

LEGEND

- GROUND-MOUNTED OFF-STREET PARKING LIGHT FIXTURE. MAKE, MODEL, AND COLOR TO BE COORDINATED W/ OWNER PRIOR TO CONSTRUCTION. SHOP DRAWINGS REQUIRED.
- EXTERIOR BUILDING MOUNTED L.E.D. LIGHT FIXTURE. COLOR ADJUSTABILITY REQUIRED. SHOP DRAWINGS REQUIRED.



PROJECT

LAZYDAYS OF RAMSEY

RIVERDALE DRIVE NW., RAMSEY, MN

LAZYDAYS OF RAMSEY

8390 HIGHWAY 10 NW, ANOKA, MN 55303

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

Patrick J. Savitt
Patrick J. Savitt
DATE: 09/10/18 LICENSE NO. 24904

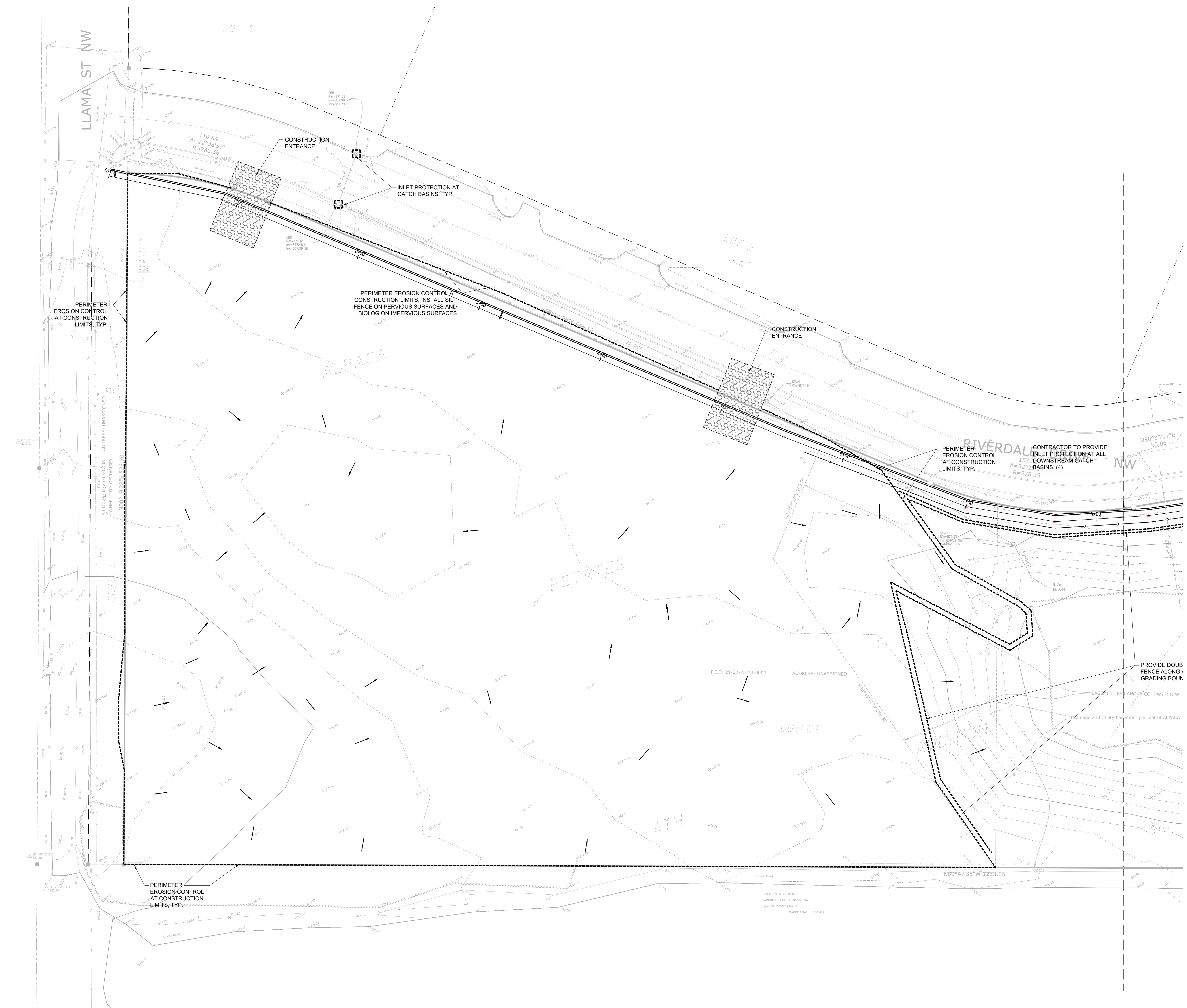
| ISSUE/SUBMITTAL SUMMARY | DATE | DESCRIPTION |
|-------------------------|-------------------------|-------------|
| 07/09/18 | CITY SUBMITTAL | |
| 08/10/18 | CITY RESUBMITTAL | |
| 08/19/18 | COUNTY TECHNICAL REVIEW | |
| 10/19/18 | CITY SUBMITTAL | |
| 10/22/18 | CITY RESUBMITTAL | |

| REVISION SUMMARY | DATE | DESCRIPTION |
|------------------|------|-------------|
| | | |

PROJECT NUMBER: 18213

PHOTOMETRIC PLAN

LT1.0



ALL SPECIFIED EROSION AND SEDIMENT CONTROL PRACTICES, AND MEASURES CONTAINED IN THIS SWPPP ARE THE MINIMUM REQUIREMENTS. ADDITIONAL PRACTICES MAY BE REQUIRED DURING THE COURSE OF CONSTRUCTION.

- SWPPP NOTES:**
1. THIS PROJECT IS GREATER THAN ONE ACRE AND WILL REQUIRE AN MPCA NPDES PERMIT. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY EROSION CONTROL PERMITS REQUIRED BY THE CITY.
 2. SEE SHEETS SW1.0 - SW1.5 FOR ALL EROSION CONTROL NOTES, DESCRIPTIONS, AND PRACTICES.
 3. SEE GRADING PLAN FOR ADDITIONAL GRADING AND EROSION CONTROL NOTES.
 4. CONTRACTOR IS RESPONSIBLE FOR SWPPP IMPLEMENTATION, INSPECTIONS, AND COMPLIANCE WITH NPDES PERMIT.

CITY OF RAMSEY EROSION CONTROL NOTES:

1. RESERVED FOR CITY SPECIFIC EROSION CONTROL NOTES.

LEGEND:

| | | |
|--|------|--------------------------------------|
| | 1125 | EX. 1' CONTOUR ELEVATION INTERVAL |
| | 1137 | 1.0' CONTOUR ELEVATION INTERVAL |
| | | DRAINAGE ARROW |
| | | SILT FENCE / BIOROLL - GRADING LIMIT |
| | | INLET PROTECTION |
| | | STABILIZED CONSTRUCTION ENTRANCE |

GOPHER STATE ONE CALL
WWW.GOPHERSTATEONECALL.ORG
(800) 282-1166 TOLL FREE
(651) 454-0902 LOCAL

Scale: 1" = 30'-0"
15'-0" 0 30'-0"

LAZYDAYS OF RAMSEY
RIVERDALE DRIVE NW., RAMSEY, MN
LAZYDAYS OF RAMSEY
8330 HIGHWAY 10 NW, ANOKA, MN 55303

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Matthew R. Pawik
Matthew R. Pawik
DATE: 09/10/18 LICENSE NO. 44263

ISSUE/SUBMITTAL SUMMARY

| DATE | DESCRIPTION |
|----------|-------------------------|
| 07/09/18 | CITY SUBMITTAL |
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| 08/19/18 | COUNTY TECHNICAL REVIEW |
| 10/19/18 | CITY RESUBMITTAL |
| 10/22/18 | CITY RESUBMITTAL |

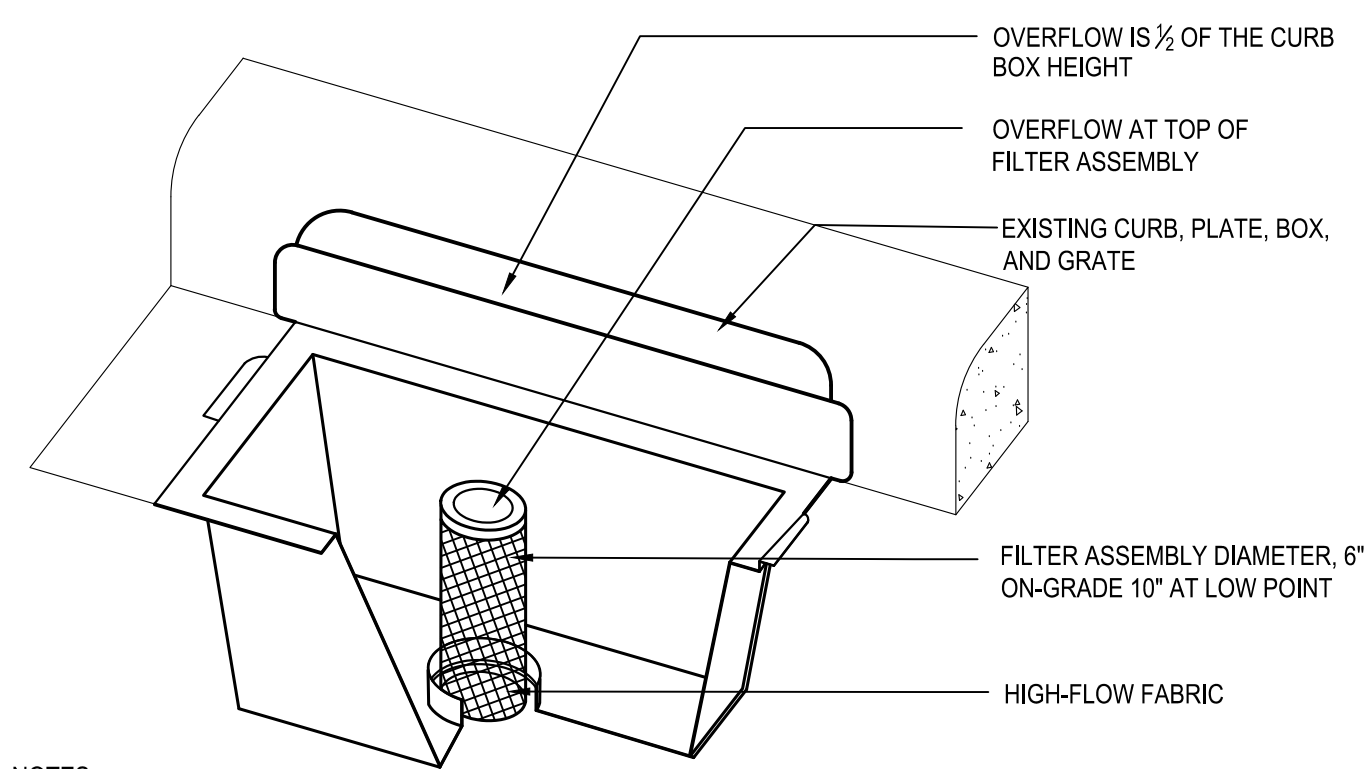
REVISION SUMMARY

| DATE | DESCRIPTION |
|------|-------------|
| | |

PROJECT NUMBER: 18213

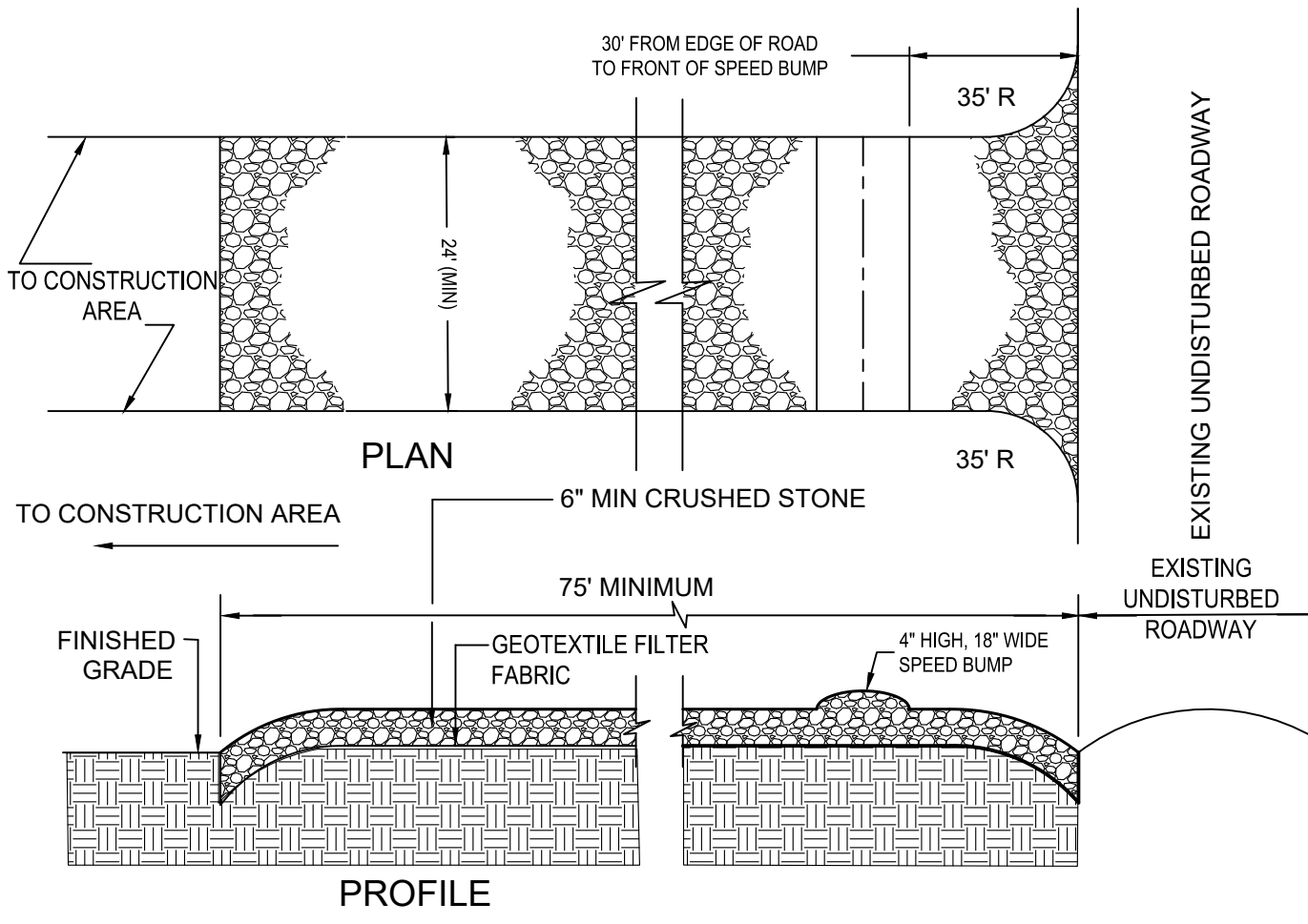
SWPPP - EXISTING CONDITIONS

SW1.0



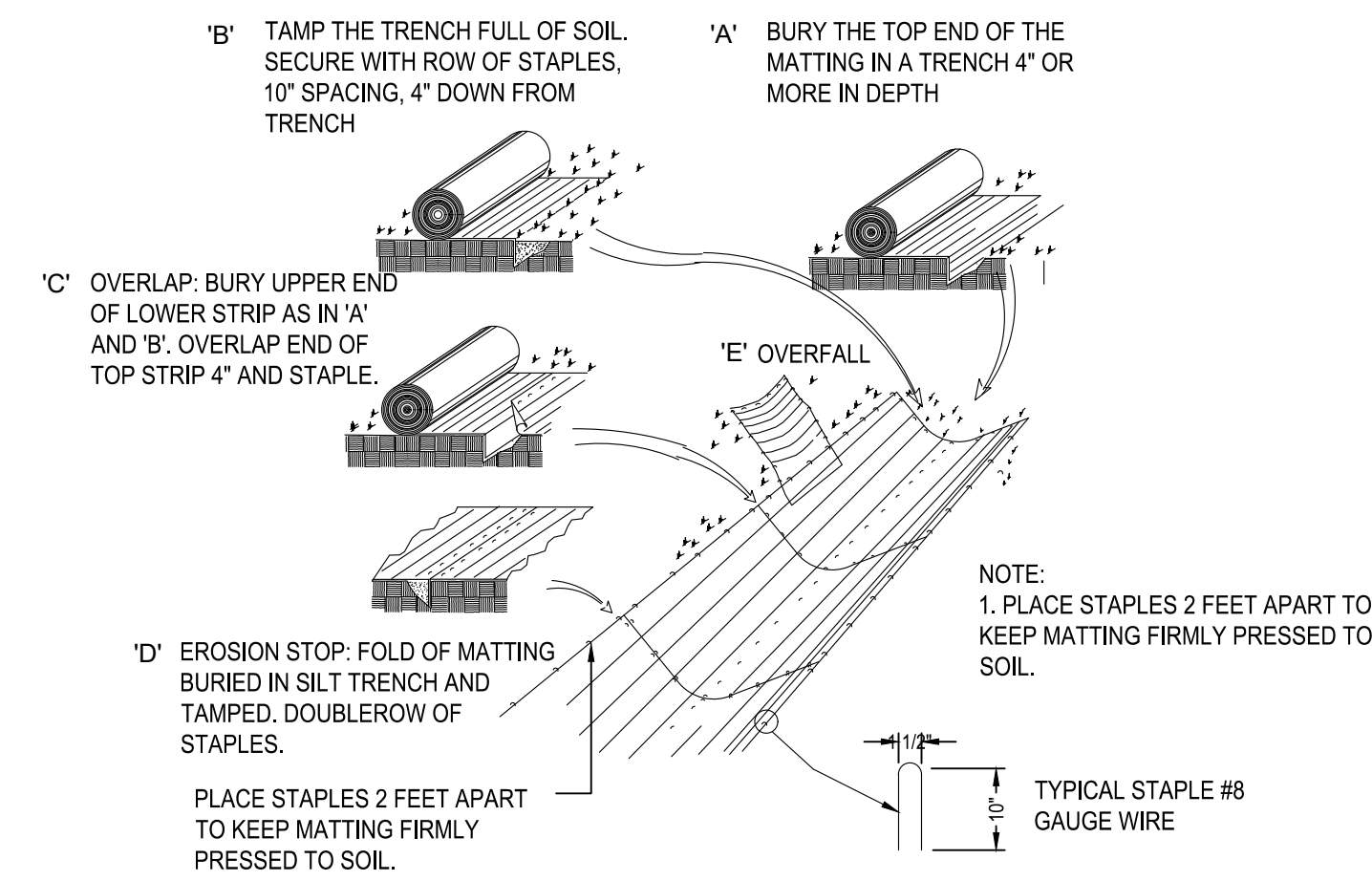
- NOTES:
1. REPLACE INLET GRATE UPON COMPLETE INSTALLATION OF INLET PROTECTION FABRIC.
2. CONTRACTOR SHALL REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM THE SURFACE OF THE SYSTEM AFTER EACH STORM EVENT AND AT THE COMPLETION OF THE CONTRACT.
3. REFERENCE APPLE VALLEY STANDARD PLATE ERO-4C.

1 CURB INLET FILTER
N T S

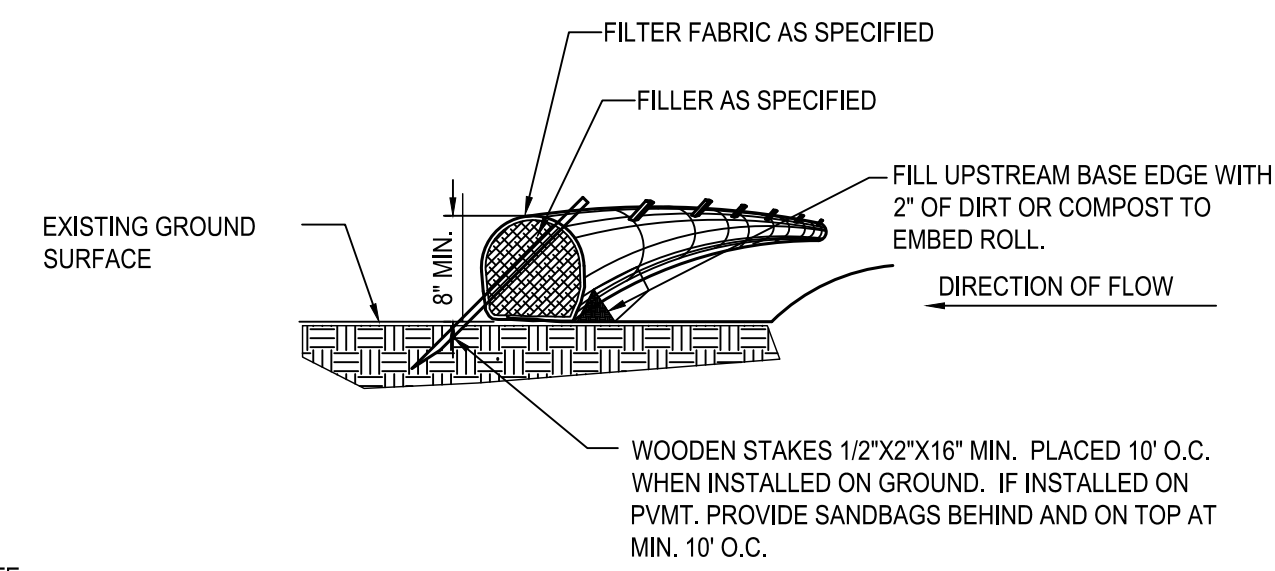


- NOTES:
1. PROVIDE APPROPRIATE TRANSITION BETWEEN STABILIZED CONSTRUCTION ENTRANCE AND UNDISTURBED ROADWAY.
2. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO UNDISTURBED ROADWAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDING STONE TO THE LENGTH OF THE ENTRANCE.
3. REPAIR AND CLEANOUT MEASURES USED TO TRAP SEDIMENT.
4. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO UNDISTURBED ROADWAY SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
5. FINAL LOCATION AND INSTALLATION SHALL BE COORDINATED WITH THE CITY PRIOR TO CONSTRUCTION ACTIVITIES.
6. CRUSHED STONE SHALL BE 1-1/2" DIA. CLOSE GRADED, AND IN ACCORDANCE TO MNDOT SECTION 2118.

2 STABILIZED CONSTRUCTION ACCESS
N T S

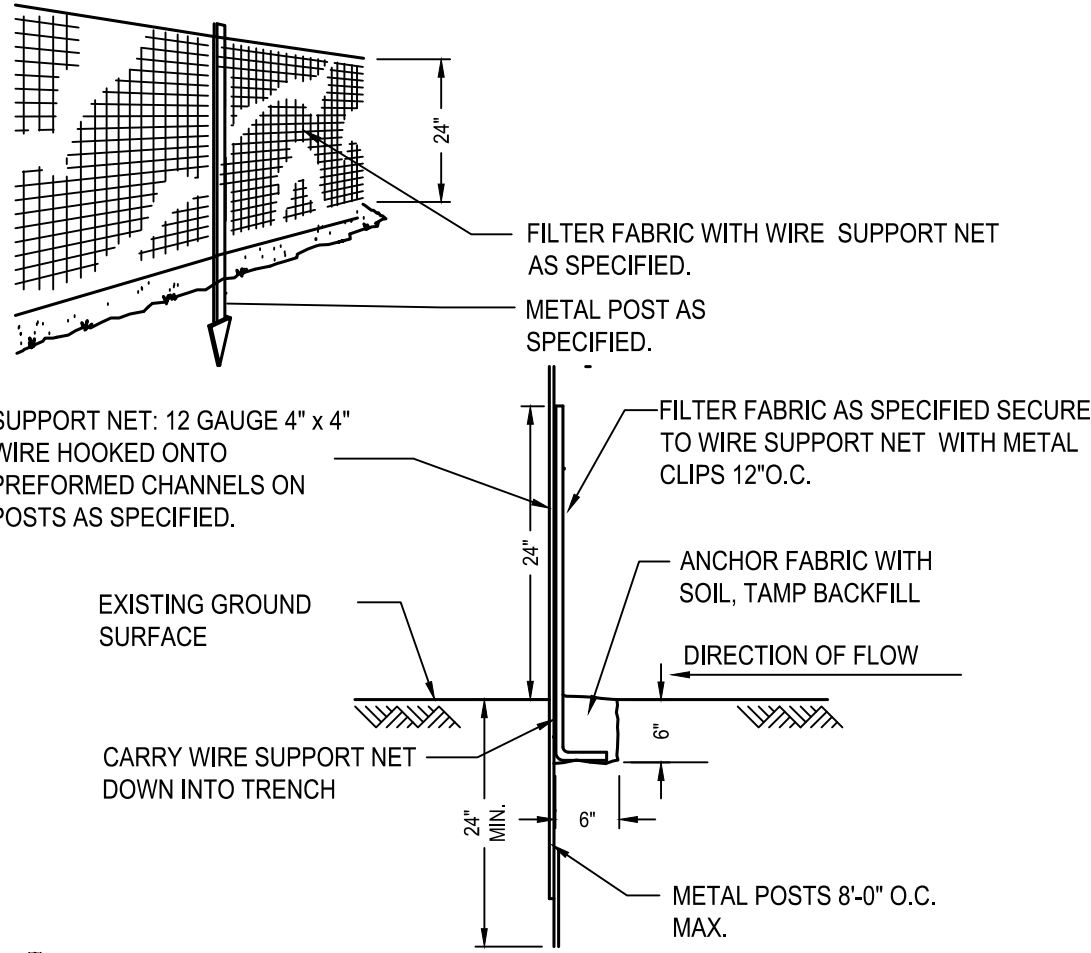


3 EROSION BLANKET
N T S



- NOTE:
1. COMPOST FILTER LOGS (BIO ROLLS) SHALL BE FILTREXX EROSION CONTROL SOXX OR APPROVED EQUAL.
2. COMPOST FILLER TO BE MADE FROM A COMPOST BLEND 30%-40% GRADE 2 (SPEC 3890) AND 60%-70% PARTIALLY DECOMPOSED WOOD CHIPS, PER MNDOT SPEC 3897.
3. FILTER FABRIC SHALL BE GEOTEXTILE KNITTED MATERIAL WITH MAX. OPENINGS OF 3/8".
4. IF MULTIPLE ROLLS NEEDED, OVERLAP BY MIN. 12" AT ENDS AND STAKE.
5. SILT SHALL BE REMOVED ONCE IT REACHES 80% OF THE HEIGHT OF THE ROLL OR AS DEEMED NECESSARY BY SITE CONTRACTOR TO MAINTAIN PROPER FUNCTION.

4 SEDIMENT BIO-ROLL / COMPOST FILTER LOG
N T S



5 SEDIMENT FENCE
N T S

LAZYDAYS OF RAMSEY

RIVERDALE DRIVE NW., RAMSEY, MN
LAZYDAYS OF RAMSEY
8390 HIGHWAY 10 NW, ANOKA, MN 55303

PROJECT

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Matthew R. Pawlik
Matthew R. Pawlik
DATE: 09/10/18 LICENSE NO. 44263

ISSUE/SUBMITTAL SUMMARY

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REVISION SUMMARY

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |

PROJECT NUMBER: 18213

SWPPP - DETAILS

SW1.2

THE CONTRACTOR AND ALL SUBCONTRACTORS INVOLVED WITH A CONSTRUCTION ACTIVITY THAT DISTURBS SITE SOIL OR WHO IMPLEMENT A POLLUTANT CONTROL MEASURE IDENTIFIED IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) MUST COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT (DATED AUGUST 1, 2018 # MN00001) AND ANY LOCAL GOVERNING AGENCY HAVING JURISDICTION CONCERNING EROSION AND SEDIMENTATION CONTROL.

STORMWATER DISCHARGE DESIGN REQUIREMENTS

SWPPP

THE NATURE OF THIS PROJECT WILL BE CONSISTENT WITH WHAT IS REPRESENTED IN THIS SET OF CONSTRUCTION PLANS AND SPECIFICATIONS. SEE THE SWPPP PLAN SHEETS AND SWPPP NARRATIVE (ATTACHMENT A: CONSTRUCTION SWPPP TEMPLATE) FOR ADDITIONAL SITE SPECIFIC SWPPP INFORMATION. THE PLANS SHOW LOCATIONS AND TYPES OF ALL TEMPORARY AND PERMANENT EROSION PREVENTION AND SEDIMENT CONTROL BMPs. STANDARD DETAILS ARE ATTACHED TO THIS SWPPP DOCUMENT.

THE INTENDED SEQUENCING OF MAJOR CONSTRUCTION ACTIVITIES IS AS FOLLOWS:

1. INSTALL STABILIZED ROCK CONSTRUCTION ENTRANCE
2. INSTALLATION OF SILT FENCE AROUND SITE
3. INSTALL ORANGE CONSTRUCTION FENCING AROUND INFILTRATION AREAS
4. CLEAR AND GRUB FOR TEMPORARY SEDIMENT BASIN / POND INSTALL
5. CONSTRUCT TEMPORARY SEDIMENT BASIN / POND (SECTION 14)
6. CLEAR AND GRUB REMAINDER OF SITE
7. STRIP AND STOCKPILE TOPSOIL
8. ROUGH GRADING OF SITE
9. STABILIZE DENuded AREAS AND STOCKPILES
10. INSTALL SANITARY SEWER, WATER MAIN STORM SEWER AND SERVICES
11. INSTALL SILT FENCE / INLET PROTECTION AROUND CBS
12. INSTALL STREET SECTION
13. INSTALL CURB AND GUTTER
14. BITUMINOUS ON STREETS
15. FINAL GRASS/GRASS/SEED, INSTALL SEED AND MULCH
16. REMOVE ACCUMULATED SEDIMENT FROM BASIN / POND
17. FINAL GRASS/SEED POND NOT CONSTRUCT POND SOILS IN INFILTRATION AREAS
18. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED BY EITHER SEED OR SOIDLANDSCAPING, REMOVE SILT FENCE AND RESEED ANY AREAS DISTURBED BY THE REMOVAL.

RECORDS RETENTION:

THE SWPPP (ORIGINAL OR COPIES) INCLUDING ALL CHANGES TO IT, AND INSPECTIONS AND MAINTENANCE RECORDS MUST BE KEPT AT THE SITE DURING CONSTRUCTION BY THE PERMITTEE WHO HAS OPERATIONAL CONTROL OF THAT PORTION OF THE SITE. THE SWPPP CAN BE KEPT IN EITHER THE FIELD OFFICE OR IN AN ON-SITE VEHICLE DURING NORMAL WORKING HOURS.

ALL OWNERS MUST KEEP THE SWPPP, ALONG WITH THE FOLLOWING ADDITIONAL RECORDS, ON FILE FOR THREE (3) YEARS AFTER SUBMITTAL OF THE NOT AS OUTLINED IN SECTION 4. THIS DOES NOT INCLUDE ANY RECORDS AFTER SUBMITTAL OF THE NOT.

1. THE FINAL SWPPP
2. ANY OTHER STORMWATER RELATED PERMITS REQUIRED FOR THE PROJECT
3. RECORDS OF ALL INSPECTION AND MAINTENANCE CONDUCTED DURING CONSTRUCTION (SEE SECTION 11, INSPECTIONS AND MAINTENANCE)
4. ALL PERMANENT OPERATION AND MAINTENANCE AGREEMENTS THAT HAVE BEEN IMPLEMENTED, INCLUDING ALL RIGHT OF WAY, CONTRACTS, COVENANTS AND OTHER BINDING REQUIREMENTS REGARDING PERPETUAL MAINTENANCE, AND
5. ALL REQUIRED CALCULATIONS FOR DESIGN OF THE TEMPORARY AND PERMANENT STORMWATER MANAGEMENT SYSTEMS.

SWPPP IMPLEMENTATION RESPONSIBILITIES:

1. THE OWNER AND CONTRACTOR ARE PERMITTEES AS IDENTIFIED BY THE NPDES PERMIT.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ON-SITE IMPLEMENTATION OF THE SWPPP, INCLUDING THE ACTIVITIES OF ALL OF THE CONTRACTOR'S SUBCONTRACTORS.
3. CONTRACTOR SHALL PROVIDE A PERSON(S) KNOWLEDGEABLE AND EXPERIENCED IN THE APPLICATION OF EROSION PREVENTION AND SEDIMENT CONTROL BMPs TO OVERSEE ALL INSTALLATION AND MAINTENANCE OF BMPs AND IMPLEMENTATION OF THE SWPPP.
4. CONTRACTOR SHALL PROVIDE PERSON(S) MEETING THE TRAINING REQUIREMENTS OF THE NPDES PERMIT TO CONDUCT INSPECTION AND MAINTENANCE OF ALL EROSION PREVENTION AND SEDIMENT CONTROL BMPs IN ACCORDANCE WITH THE REQUIREMENTS OF THE PERMIT. ONE OF THESE INDIVIDUALS MUST BE AVAILABLE FOR AN ON-SITE INSPECTION WITHIN 12 HOURS UPON REQUEST BY MPCA. CONTRACTOR SHALL PROVIDE TRAINING DOCUMENTATION FOR THESE INDIVIDUALS AS REQUIRED BY THE NPDES PERMIT. THIS TRAINING DOCUMENTATION SHALL BE RECORDED IN OR WITH THE SWPPP BEFORE THE START OF CONSTRUCTION OR AS SOON AS THE PERSONNEL FOR THE PROJECT HAVE BEEN DETERMINED. DOCUMENTATION SHALL INCLUDE:
 - 4.1. NAMES OF THE PERSONNEL ASSOCIATED WITH THE PROJECT THAT ARE REQUIRED TO BE TRAINED PER SECTION 21 OF THE PERMIT.
 - 4.2. DATES OF TRAINING AND NAME OF INSTRUCTOR AND ENTITY PROVIDING TRAINING.
 - 4.3. CONTENT OF TRAINING COURSE OR WORKSHOP INCLUDING THE NUMBER OF HOURS OF TRAINING.
5. FOLLOWING FINAL STABILIZATION AND THE TERMINATION OF COVERAGE FOR THE NPDES PERMIT, THE OWNER IS EXPECTED TO FURNISH LONG TERM OPERATION AND MAINTENANCE (O & M) OF THE PERMANENT STORM WATER MANAGEMENT SYSTEM.

CONSTRUCTION ACTIVITY REQUIREMENTS

SWPPP AMENDMENTS (SECTION 6):

1. ONE OF THE INDIVIDUALS DESCRIBED IN ITEM 21.2.A OR ITEM 21.2.B OR ANOTHER QUALIFIED INDIVIDUAL MUST COMPLETE ALL SWPPP CHANGES. CHANGES INVOLVING THE USE OF A LESS STRINGENT BMP MUST INCLUDE A JUSTIFICATION DESCRIBING HOW THE REPLACEMENT BMP IS EFFECTIVE FOR THE SITE CHARACTERISTICS.
2. PERMITTEES MUST AMEND THE SWPPP TO INCLUDE ADDITIONAL OR MODIFIED BMPs AS NECESSARY TO CORRECT PROBLEMS IDENTIFIED OR ADDRESS SITUATIONS WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION OPERATION, MAINTENANCE, WEATHER OR SEASONAL CONDITIONS HAVING A SIGNIFICANT EFFECT ON THE DISCHARGE OF POLLUTANTS TO SURFACE WATERS OR GROUNDWATER.
3. PERMITTEES MUST AMEND THE SWPPP TO INCLUDE ADDITIONAL OR MODIFIED BMPs AS NECESSARY TO CORRECT PROBLEMS IDENTIFIED OR ADDRESS SITUATIONS WHENEVER INSPECTIONS OR INVESTIGATIONS BY THE SITE OWNER OR OPERATOR, USEPA OR MPCA OFFICIALS INDICATE THE SWPPP IS NOT EFFECTIVE OR SIGNIFICANTLY MINIMIZING THE DISCHARGE OF POLLUTANTS TO SURFACE WATERS OR GROUNDWATER OR THE DISCHARGES ARE CAUSING WATER QUALITY STANDARD EXCEEDANCES (E.G., NUISANCE CONDITIONS AS DEFINED IN MINN. R. 7050.0210, SUBP. 2) OR THE SWPPP IS NOT CONSISTENT WITH THE OBJECTIVES OF A USEPA APPROVED TMDL.

BMP SELECTION AND INSTALLATION (SECTION 7):

1. PERMITTEES MUST SELECT, INSTALL, AND MAINTAIN THE BMPs IDENTIFIED IN THE SWPPP AND IN THIS PERMIT IN AN APPROPRIATE AND FUNCTIONAL MANNER AND IN ACCORDANCE WITH RELEVANT MANUFACTURER SPECIFICATIONS AND ACCEPTED ENGINEERING PRACTICES.

EROSION PREVENTION (SECTION 8):

1. BEFORE WORK BEGINS, PERMITTEES MUST DELINEATE THE LOCATION OF AREAS NOT TO BE DISTURBED.
2. PERMITTEES MUST MINIMIZE THE NEED FOR DISTURBANCE OF PORTIONS OF THE PROJECT WITH STEEP SLOPES, WHEN STEEP SLOPES MUST BE DISTURBED, PERMITTEES MUST USE TECHNIQUES SUCH AS PHASING AND STABILIZATION PRACTICES DESIGNED FOR STEEP SLOPES (E.G., SLOPE DRAINING AND TERRACING).
3. PERMITTEES MUST STABILIZE ALL EXPOSED SOIL AREAS, INCLUDING STOCKPILES. STABILIZATION MUST BE INITIATED IMMEDIATELY TO LIMIT SOIL EROSION WHEN CONSTRUCTION ACTIVITY HAS PERMANENTLY OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 7 CALENDAR DAYS. STABILIZATION MUST BE COMPLETED NO LATER THAN 7 CALENDAR DAYS AFTER THE CONSTRUCTION ACTIVITY HAS CEASED. STABILIZATION IS NOT REQUIRED ON CONSTRUCTED BASE COMPONENTS OF ROADS, PARKING LOTS AND SIMILAR SURFACES. STABILIZATION IS NOT REQUIRED ON TEMPORARY STOCKPILES WITHOUT DRIPSPAN SILT / CLAY OR ORGANIC COMPONENTS (E.G., CLEAN AGGREGATES, STOCKPILES, DEMOLITION CONCRETE STOCKPILES) BUT PERMITTEES MUST PROVIDE SEDIMENT CONTROLS AT THE BASE OF THE STOCKPILE.
4. FOR PUBLIC WATERS THAT THE MINNESOTA DNR HAS PROMULGATED "WORK IN WATER RESTRICTIONS" DURING SPECIFIED FISH SPAWNING TIME FRAMES, PERMITTEES MUST COMPLETE STABILIZATION OF ALL EXPOSED SOIL AREAS WITHIN 200 FEET OF THE WATER'S EDGE, AND THAT DRAIN TO THESE WATERS, WITHIN 24 HOURS DURING THE RESTRICTION PERIOD.
5. PERMITTEES MUST STABILIZE THE NORMAL WETTED PERIMETER OF THE LAST 200 LINEAR FEET OF TEMPORARY OR PERMANENT DRAINAGE DITCHES OR SWALES THAT DRAIN WATER FROM THE SITE WITHIN 24 HOURS AFTER CONNECTING TO A SURFACE WATER OR PROPERTY EDGE AND CONSTRUCTION IN THAT PORTION OF THE DITCH TEMPORARILY OR PERMANENTLY CEASES.
6. TEMPORARY OR PERMANENT DITCHES OR SWALES BEING USED AS A SEDIMENT CONTAINMENT SYSTEM DURING CONSTRUCTION WITH PROPERLY DESIGNED ROCK-DITCH CHECKS, BIO ROLLS, SILT DIKES, ETC., DO NOT NEED TO BE STABILIZED. THESE AREAS WITHIN 24 HOURS AFTER THEIR USE AS A SEDIMENT CONTAINMENT SYSTEM CEASES.
7. PERMITTEES MUST NOT USE MULCH, HYDROMULCH, TACKIFIER, POLYACRYLAMIDE OR SIMILAR EROSION PREVENTION PRACTICES WITHIN ANY PORTION OF THE NORMAL WETTED PERIMETER OF A TEMPORARY OR PERMANENT DRAINAGE DITCH OR SWALE SECTION WITH A CONTINUOUS SLOPE OF GREATER THAN 10 PERCENT.
8. PERMITTEES MUST PROVIDE TEMPORARY OR PERMANENT ENERGY DISSIPATION AT ALL PIPE OUTLETS WITHIN 24 HOURS AFTER CONNECTION TO A SURFACE WATER OR PERMANENT STORMWATER TREATMENT SYSTEM.
9. PERMITTEES MUST NOT DISTURB MORE LAND (I.E., PHASING) THAN CAN BE EFFECTIVELY INSPECTED AND MAINTAINED IN ACCORDANCE WITH SECTION 11.

SEDIMENT CONTROL (SECTION 9):

1. PERMITTEES MUST ESTABLISH SEDIMENT CONTROL BMPs ON ALL DOWNGRADIENT PERIMETERS OF THE SITE AND DOWNGRADIENT AREAS OF THE SITE THAT DRAIN TO ANY SURFACE WATER, INCLUDING CURB AND GUTTER SYSTEMS. PERMITTEES MUST LOCATE SEDIMENT CONTROL PRACTICES UPGRADIENT OF ANY BUFFER ZONES. PERMITTEES MUST INSTALL SEDIMENT CONTROL PRACTICES BEFORE ANY UPGRADIENT AND DISTURBING ACTIVITIES BEGIN AND MUST KEEP THE SEDIMENT CONTROL PRACTICES IN PLACE UNTIL THEY ESTABLISH PERMANENT COVER.
2. IF DOWNGRADIENT SEDIMENT CONTROLS ARE OVERLOADED, BASED ON FREQUENT FAILURE OR EXCESSIVE MAINTENANCE REQUIREMENTS, PERMITTEES MUST INSTALL ADDITIONAL UPGRADIENT SEDIMENT CONTROL PRACTICES OR REDUNDANT BMPs TO ELIMINATE THE OVERLOADING AND AMEND THE SWPPP TO IDENTIFY THESE ADDITIONAL PRACTICES AS REQUIRED IN ITEM 6.3.
3. TEMPORARY OR PERMANENT DRAINAGE DITCHES AND SEDIMENT BASINS DESIGNED AS PART OF A SEDIMENT CONTAINMENT SYSTEM (E.G., DITCHES WITH ROCK-CHECK DAMS) REQUIRE SEDIMENT CONTROL PRACTICES ONLY AS APPROPRIATE FOR SITE CONDITIONS.
4. A FLOATING SILT CURTAIN PLACED IN THE WATER IS NOT A SEDIMENT CONTROL BMP TO SATISFY ITEM 9.2 EXCEPT WHEN WORKING ON A SHORELINE OR BELOW THE WATERLINE. IMMEDIATELY AFTER THE SHORT TERM CONSTRUCTION ACTIVITY (E.G., INSTALLATION OF RIP RAP ALONG THE SHORELINE) IN THAT AREA IS COMPLETE, PERMITTEES MUST INSTALL AN UPLAND PERIMETER CONTROL PRACTICE IF EXPOSED SOILS STILL DRAIN TO A SURFACE WATER.
5. PERMITTEES MUST RE-INSTALL ALL SEDIMENT CONTROL PRACTICES ADJUSTED OR REMOVED TO ACCOMMODATE SHORT-TERM ACTIVITIES SUCH AS CLEARING OR GRUBBING, OR PASSAGE OF VEHICLES, IMMEDIATELY AFTER THE SHORT-TERM ACTIVITY IS COMPLETED. PERMITTEES MUST RE-INSTALL SEDIMENT CONTROL PRACTICES BEFORE THE NEXT PRECIPITATION EVENT EVEN IF THE SHORT-TERM ACTIVITY IS NOT COMPLETE.
6. PERMITTEES MUST PROTECT ALL STORM DRAIN INLETS USING APPROPRIATE BMPs DURING CONSTRUCTION UNTIL THEY ESTABLISH PERMANENT COVER ON ALL AREAS WITH POTENTIAL FOR DISCHARGING TO THE INLET.
7. PERMITTEES MAY REMOVE INLET PROTECTION FOR A PARTICULAR INLET IF A SPECIFIC SAFETY CONCERN (E.G. STREET FLOODING/FREEZING) IS IDENTIFIED BY THE PERMITTEES OR THE JURISDICTIONAL AUTHORITY (E.G., CITY/COUNTY/TOWNSHIP/MINNESOTA DEPARTMENT OF TRANSPORTATION ENGINEER). PERMITTEES MUST DOCUMENT THE NEED FOR REMOVAL IN THE SWPPP.
8. PERMITTEES MUST PROVIDE SILT FENCE OR OTHER EFFECTIVE SEDIMENT CONTROLS AT THE BASE OF STOCKPILES ON THE DOWNGRADIENT PERIMETER.
9. PERMITTEES MUST LOCATE STOCKPILES OUTSIDE OF NATURAL BUFFERS OR SURFACE WATERS, INCLUDING STORMWATER CONVEYANCES SUCH AS CURBS AND GUTTER SYSTEMS UNLESS THERE IS A BYPASS IN PLACE FOR THE STORMWATER.
10. PERMITTEES MUST INSTALL A VEHICLE TRACKING BMP TO MINIMIZE THE TRACK OUT OF SEDIMENT FROM THE CONSTRUCTION SITE OR ONTO PAVED ROADS WITHIN THE SITE.
11. PERMITTEES MUST USE STREET SWEEPING IF VEHICLE TRACKING BMPs ARE NOT ADEQUATE TO PREVENT SEDIMENT TRACKING ONTO THE STREET.
12. PERMITTEES MUST INSTALL TEMPORARY SEDIMENT BASINS AS REQUIRED IN SECTION 14.
13. IN ANY AREAS OF THE SITE WHERE FINAL VEGETATIVE STABILIZATION WILL OCCUR, PERMITTEES MUST RESTRICT VEHICLE AND EQUIPMENT USE TO MINIMIZE SOIL COMPACTION.
14. PERMITTEES MUST PRESERVE TOPSOIL ON THE SITE, UNLESS INFEASIBLE.
15. PERMITTEES MUST DIRECT DISCHARGES FROM BMPs TO VEGETATED AREAS UNLESS INFEASIBLE.
16. PERMITTEES MUST PRESERVE A 50 FOOT NATURAL BUFFER OR, IF A BUFFER IS INFEASIBLE ON THE SITE, PROVIDE REDUNDANT (DOUBLE) PERIMETER SEDIMENT CONTROLS WHEN A SURFACE WATER IS LOCATED WITHIN 50 FEET OF THE PROJECT'S EARTH DISTURBANCES AND STORMWATER FLOWS TO THE SURFACE WATER. PERMITTEES MUST INSTALL PERIMETER SEDIMENT CONTROLS AT LEAST 5 FEET APART UNLESS LIMITED BY LACK OF AVAILABLE SPACE. NATURAL BUFFERS ARE NOT REQUIRED ADJACENT TO ROAD DITCHES, JUDICIAL DITCHES, COUNTY DITCHES, STORMWATER CONVEYANCE CHANNELS, STORM DRAIN INLETS, AND SEDIMENT BASINS. IF PRESERVING THE BUFFER IS INFEASIBLE, PERMITTEES MUST DOCUMENT THE REASONS IN THE SWPPP. SHEET PILING IS A REDUNDANT PERIMETER CONTROL, IF INSTALLED IN A MANNER THAT RETAINS ALL STORMWATER.
17. PERMITTEES MUST USE POLYMERS, FLOCCULANTS, OR OTHER SEDIMENTATION AND ACCEPTED ENGINEERING PRACTICES, DOING SPECIFICATIONS AND SEDIMENT REMOVAL DESIGN SPECIFICATIONS PROVIDED BY THE MANUFACTURER OR SUPPLIER. THE PERMITTEES MUST USE CONVENTIONAL EROSION AND SEDIMENT CONTROLS PRIOR TO CHEMICAL ADDITION AND MUST DIRECT TREATED STORMWATER TO A SEDIMENT CONTROL SYSTEM FOR FILTRATION OR SETTLEMENT OF THE FLOC PRIOR TO DISCHARGE.

DEWATERING AND BASIN DRAINING (SECTION 10):

1. PERMITTEES MUST DISCHARGE TURBID OR SEDIMENT-LADEN WATERS RELATED TO DEWATERING OR BASIN DRAINING (E.G., PUMPED DISCHARGES, TRENCH/DITCH CUTS FOR DRAINAGE) TO A TEMPORARY OR PERMANENT SEDIMENT BASIN ON THE PROJECT SITE UNLESS INFEASIBLE. PERMITTEES MAY DIVERT TO SURFACE WATERS IF THEY VISUALLY CHECK TO ENSURE ADEQUATE TREATMENT HAS BEEN OBTAINED AND NUISANCE CONDITIONS (SEE MINN. R. 7050.0210, SUBP. 2) WILL NOT RESULT FROM THE DISCHARGE. IF PERMITTATION CANNOT DISCHARGE THE WATER TO A SEDIMENTATION BASIN PRIOR TO ENTERING A SURFACE WATER, PERMITTEES MUST TREAT IT WITH APPROPRIATE BMPs SUCH THAT THE DISCHARGE DOES NOT ADVERSELY AFFECT THE SURFACE WATER OR DOWNSTREAM PROPERTIES.
2. PERMITTEES MUST DISCHARGE WATER CONTAINING OIL OR GREASE, THEY MUST USE AN OIL-WATER SEPARATOR OR OIL-CATCHING FILTERS (E.G., CENTRIFUGAL FILTERS) PRIOR TO DISCHARGE.
3. PERMITTEES MUST DISCHARGE ALL WATER FROM DEWATERING OR BASIN-DRAINING ACTIVITIES IN A MANNER THAT DOES NOT CAUSE EROSION OR SCOUR IN THE IMMEDIATE VICINITY OF DISCHARGE POINTS OR INDICATIONS OF WETLANDS IN THE IMMEDIATE VICINITY OF DISCHARGE POINTS THAT CAUSES SIGNIFICANT ADVERSE IMPACT TO THE WETLAND.
4. IF PERMITTEES USE FILTERS WITH BACKWASH WATER, THEY MUST HAUL THE BACKWASH WATER AWAY FOR DISPOSAL, RETURN THE BACKWASH WATER TO THE BEGINNING OF THE TREATMENT PROCESS, OR INCORPORATE THE BACKWASH WATER INTO THE SITE IN A MANNER THAT DOES NOT CAUSE EROSION.

INSPECTIONS AND MAINTENANCE (SECTION 11):

1. PERMITTEES MUST ENSURE A TRAINED PERSON, AS IDENTIFIED IN ITEM 21.2.B, WILL INSPECT THE ENTIRE CONSTRUCTION SITE AT LEAST ONCE EVERY SEVEN (7) DAYS DURING ACTIVE CONSTRUCTION AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 1/2 INCH IN 24 HOURS. INSPECTION LOGS MUST BE SENT TO CITY INSPECTOR WEEKLY AND AFTER EVERY 7 RAINFALL EVENT, COMPLETE INSPECTION HISTORY MUST BE SENT TO THE CITY PRIOR TO FINAL ACCEPTANCE.
2. PERMITTEES MUST INSPECT AND MAINTAIN ALL PERMANENT STORMWATER TREATMENT BMPs.
3. PERMITTEES MUST INSPECT ALL EROSION PREVENTION AND SEDIMENT CONTROL BMPs AND POLLUTION PREVENTION MANAGEMENT MEASURES TO ENSURE INTEGRITY AND EFFECTIVENESS. PERMITTEES MUST REPAIR, REPLACE OR SUPPLEMENT ALL NONFUNCTIONAL BMPs WITH FUNCTIONAL BMPs BY THE END OF THE NEXT BUSINESS DAY AFTER DISCOVERY UNLESS ANOTHER TIME FRAME IS SPECIFIED IN ITEM 11.5 OR 11.6. PERMITTEES MAY TAKE ADDITIONAL TIME IF FIELD CONDITIONS PREVENT ACCESS TO THE AREA.
4. DURING EACH INSPECTION, PERMITTEES MUST INSPECT SURFACE WATERS, INCLUDING DRAINAGE DITCHES AND CONVEYANCE SYSTEMS BUT NOT CURB AND GUTTER SYSTEMS, FOR EVIDENCE OF EROSION AND SEDIMENT DEPOSITION. PERMITTEES MUST REMOVE ALL DEBRIS AND SEDIMENT DEPOSITED IN SURFACE WATERS, INCLUDING DRAINAGE WAYS, CATCH BASINS, AND OTHER DRAINAGE SYSTEMS AND RESTORE THE AREAS WHERE SEDIMENT REMOVAL RESULTS IN EXPOSED SOIL. PERMITTEES MUST COMPLETE REMOVAL AND STABILIZATION WITHIN SEVEN (7) CALENDAR DAYS OF DISCOVERY UNLESS PRECEDDED BY LEGAL, REGULATORY, OR PHYSICAL ACCESS CONSTRAINTS. PERMITTEES MUST USE ALL REASONABLE EFFORTS TO OBTAIN ACCESS, IF PRECLUDED, REMOVAL AND STABILIZATION MUST TAKE PLACE WITHIN SEVEN (7) DAYS OF OBTAINING ACCESS. PERMITTEES ARE RESPONSIBLE FOR CONTACTING ALL LOCAL, REGIONAL, STATE AND FEDERAL AUTHORITIES AND RECEIVING ANY APPLICABLE PERMITS, PRIOR TO CONDUCTING ANY WORK IN SURFACE WATERS.
5. PERMITTEES MUST INSPECT CONSTRUCTION SITE VEHICLE EXIT LOCATIONS, STREETS AND CURB AND GUTTER SYSTEMS WITHIN AND ADJACENT TO THE PROJECT FOR SEDIMENTATION FROM EROSION OR TRACKED SEDIMENT FROM VEHICLES. PERMITTEES MUST REMOVE SEDIMENT FROM ALL PAVED SURFACES WITHIN ONE (1) CALENDAR DAY OF DISCOVERY OR, IF APPLICABLE, WITHIN A SHORTER TIME TO AVOID A SAFETY HAZARD TO USERS OF PUBLIC STREETS.
6. PERMITTEES MUST REPAIR, REPLACE OR SUPPLEMENT ALL PERIMETER CONTROL DEVICES WHEN THEY BECOME NONFUNCTIONAL OR THE SEDIMENT REACHED THE 1/2 OF THE HEIGHT OF THE DEVICE.
7. PERMITTEES MUST DRAIN TEMPORARY AND PERMANENT SEDIMENTATION BASINS AND REMOVE THE SEDIMENT WHEN THE DEPTH OF SEDIMENT COLLECTED IN THE BASIN REACHES 1/2 THE STORAGE VOLUME.
8. PERMITTEES MUST ENSURE THAT AT LEAST ONE INDIVIDUAL, PRESENT ON THE SITE (OR AVAILABLE TO THE PROJECT SITE IN THREE (3) CALENDAR DAYS) IS TRAINED IN THE JOB DUTIES DESCRIBED IN ITEM 21.2.B.
9. PERMITTEES MAY ADJUST THE INSPECTION SCHEDULE DESCRIBED IN ITEM 11.4 AS FOLLOWS:
 - a. INSPECTIONS OF AREAS WITH PERMANENT COVER CAN BE REDUCED TO ONCE PER MONTH, EVEN IF CONSTRUCTION ACTIVITY CONTINUES ON OTHER PORTIONS OF THE SITE, OR
 - b. WHERE SITES HAVE PERMANENT COVER ON ALL EXPOSED SOIL AND NO CONSTRUCTION ACTIVITY IS OCCURRING ANYWHERE ON THE SITE, INSPECTIONS CAN BE REDUCED TO ONCE PER MONTH AND, AFTER 12

- MONTHS, MAY BE SUSPENDED COMPLETELY UNTIL CONSTRUCTION ACTIVITY RESUMES. THE MPCA MAY REQUIRE INSPECTIONS TO RESUME IF CONDITIONS WARRANT; OR
 - c. WHERE CONSTRUCTION ACTIVITY HAS BEEN SUSPENDED DUE TO FREEZE/GROUND CONDITIONS, INSPECTIONS MAY BE SUSPENDED. INSPECTIONS MUST RESUME WITHIN 24 HOURS OF RUNOFF OCCURRING, OR UPON RESUMING CONSTRUCTION, WHICHEVER COMES FIRST.
10. PERMITTEES MUST RECORD ALL INSPECTIONS AND MAINTENANCE ACTIVITIES WITHIN 24 HOURS OF BEING CONDUCTED AND THESE RECORDS MUST BE RETAINED WITH THE SWPPP. THESE RECORDS MUST INCLUDE:
- a. DATE AND TIME OF INSPECTIONS AND
 - b. NAME OF PERSONS CONDUCTING INSPECTIONS, AND
 - c. ACCURATE FINDINGS OF INSPECTIONS, INCLUDING THE SPECIFIC LOCATION WHERE CORRECTIVE ACTIONS ARE NEEDED, AND
 - d. CORRECTIVE ACTIONS TAKEN (INCLUDING DATES, TIMES, AND PARTY COMPLETING MAINTENANCE ACTIVITIES); AND
 - e. DATE OF ALL RAINFALL EVENTS GREATER THAN 1/2 INCHES IN 24 HOURS, AND THE AMOUNT OF RAINFALL FOR EACH EVENT. PERMITTEES MUST OBTAIN RAINFALL AMOUNTS BY EITHER A PROPERLY MAINTAINED RAIN GAUGE INSTALLED ONSITE, A WEATHER STATION THAT IS WITHIN ONE (1) MILE OF YOUR LOCATION, OR A WEATHER REPORTING SYSTEM THAT PROVIDES SITE SPECIFIC RAINFALL DATA FROM RADAR SUMMARIES, AND
 - f. IF PERMITTEES OBSERVE A DISCHARGE DURING THE INSPECTION, THEY MUST RECORD AND SHOULD PHOTOGRAPH AND DESCRIBE THE LOCATION OF THE DISCHARGE (I.E., COLOR, ODOR, SETTLED OR SUSPENDED SOLIDS, OIL SHEEN, AND OTHER OBVIOUS INDICATORS OF POLLUTANTS); AND
 - g. ANY AMENDMENTS TO THE SWPPP PROPOSED AS A RESULT OF THE INSPECTION MUST BE DOCUMENTED AS REQUIRED IN SECTION 6 WITHIN SEVEN (7) CALENDAR DAYS.

POLLUTION PREVENTION MANAGEMENT (SECTION 12):

1. PERMITTEES MUST PLACE BUILDING PRODUCTS AND LANDSCAPE MATERIALS UNDER COVER (E.G., PLASTIC SHEETING OR TEMPORARY ROOFS) OR PROTECT THEM BY SIMILARLY EFFECTIVE MEANS DESIGNED TO MINIMIZE CONTACT WITH STORMWATER. PERMITTEES ARE NOT REQUIRED TO COVER OR PROTECT PRODUCTS WHICH ARE EITHER NOT A SOURCE OF CONTAMINATION TO STORMWATER OR ARE DESIGNED TO BE EXPOSED TO STORMWATER.
2. PERMITTEES MUST PLACE PESTICIDES, FERTILIZERS AND TREATMENT CHEMICALS UNDER COVER (E.G., PLASTIC SHEETING OR TEMPORARY ROOFS) OR PROTECT THEM BY SIMILARLY EFFECTIVE MEANS DESIGNED TO MINIMIZE CONTACT WITH STORMWATER.
3. PERMITTEES MUST STORE HAZARDOUS MATERIALS AND TOXIC WASTE, (INCLUDING OIL, DIESEL FUEL, GASOLINE, HYDRAULIC FLUIDS, PAINT SOLVENTS, PETROLEUM-BASED PRODUCTS, WOOD PRESERVATIVES, ADHESIVES, CURING COMPOUNDS, AND ACIDS) IN SEALED CONTAINERS TO PREVENT SPILLS, LEAKS OR OTHER DISCHARGE, STORAGE AND DISPOSAL OF HAZARDOUS WASTE MATERIALS MUST BE IN COMPLIANCE WITH MINN. R. CH. 7065 INCLUDING SECONDARY CONTAINMENT AS APPLICABLE.
4. PERMITTEES MUST PROPERLY STORE, COLLECT AND DISPOSE SOLID WASTE IN COMPLIANCE WITH MINN. R. CH. 7035.
5. PERMITTEES MUST POSITION PORTABLE TOILETS SO THEY ARE SECURE AND WILL NOT TIP OR BE KNOCKED OVER. PERMITTEES MUST PROPERLY DISPOSE SANITARY WASTE IN ACCORDANCE WITH MINN. R. CH. 7041.
6. PERMITTEES MUST TAKE REASONABLE PRECAUTIONS TO PREVENT THE DISCHARGE OF SPILLED OR LEAKED CHEMICALS, INCLUDING FUEL, FROM ANY AREA WHERE CHEMICALS, INCLUDING FUEL, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS) RELATED TO THE CONSTRUCTION ACTIVITY. PERMITTEES MUST PREVENT LIQUID AND SOLID WASHOUT WASTES FROM CONTACTING THE GROUND AND MUST DESIGN THE CONTAMINATION SO IT DOES NOT RESULT IN RUNOFF FROM THE WASHOUT OPERATIONS OR AREAS. PERMITTEES MUST PROPERLY DISPOSE LIQUID AND SOLID WASTES IN COMPLIANCE WITH MPCA RULES. PERMITTEES MUST INSTALL A SIGN INDICATING THE LOCATION OF THE WASHOUT FACILITY.
7. PERMITTEES MUST LIMIT VEHICLE EXTERIOR WASHING AND EQUIPMENT TO A DEFINED AREA OF THE SITE. PERMITTEES MUST CONTAIN RUNOFF FROM THE WASHING AREA IN A SEDIMENT BASIN OR OTHER SIMILARLY EFFECTIVE CONTROLS AND MUST DISPOSE WASTE FROM THE WASHING ACTIVITY PROPERLY. PERMITTEES MUST PROPERLY USE AND STORE SOAPS, DETERGENTS, OR SOLVENTS.
8. PERMITTEES MUST PROVIDE EFFECTIVE CONTAINMENT FOR ALL LIQUID AND SOLID WASTES GENERATED BY WASHOUT OPERATIONS (E.G., CONCRETE, STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS) RELATED TO THE CONSTRUCTION ACTIVITY. PERMITTEES MUST ENSURE ADEQUATE SUPPLIES ARE AVAILABLE AT ALL TIMES TO CLEAN UP DISCHARGED MATERIALS AND THAT AN APPROPRIATE DISPOSAL METHOD IS AVAILABLE FOR RECOVERED SPILLED MATERIALS. PERMITTEES MUST REPORT AND CLEAN UP SPILLS IMMEDIATELY AS REQUIRED BY MINN. STAT. 115.061, USING DRY CLEAN UP MEASURES WHERE POSSIBLE.
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31. PERMITTEES MUST LIMIT VEHICLE EXTERIOR WASHING AND EQUIPMENT TO A DEFINED AREA OF THE SITE. PERMITTEES MUST CONTAIN RUNOFF FROM THE WASHING AREA IN A SEDIMENT BASIN OR OTHER SIMILARLY EFFECTIVE CONTROLS AND MUST DISPOSE WASTE FROM THE WASHING ACTIVITY PROPERLY. PERMITTEES MUST PROPERLY USE AND STORE SOAPS, DETERGENTS, OR SOLVENTS.
32. PERMITTEES MUST TAKE REASONABLE PRECAUTIONS TO PREVENT THE DISCHARGE OF SPILLED OR LEAKED CHEMICALS, INCLUDING FUEL, FROM ANY AREA WHERE CHEMICALS, INCLUDING FUEL, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS) RELATED TO THE CONSTRUCTION ACTIVITY. PERMITTEES MUST ENSURE ADEQUATE SUPPLIES ARE AVAILABLE AT ALL TIMES TO CLEAN UP DISCHARGED MATERIALS AND THAT AN APPROPRIATE DISPOSAL METHOD IS AVAILABLE FOR RECOVERED SPILLED MATERIALS. PERMITTEES MUST REPORT AND CLEAN UP SPILLS IMMEDIATELY AS REQUIRED BY MINN. STAT. 115.061, USING DRY CLEAN UP MEASURES WHERE POSSIBLE.
33. PERMITTEES MUST LIMIT VEHICLE EXTERIOR WASHING AND EQUIPMENT TO A DEFINED AREA OF THE SITE. PERMITTEES MUST CONTAIN RUNOFF FROM THE WASHING AREA IN A SEDIMENT BASIN OR OTHER SIMILARLY EFFECTIVE CONTROLS AND MUST DISPOSE WASTE FROM THE WASHING ACTIVITY PROPERLY. PERMITTEES MUST PROPERLY USE AND STORE SOAPS, DETERGENTS, OR SOLVENTS.
34. PERMITTEES MUST TAKE REASONABLE PRECAUTIONS TO PREVENT THE DISCHARGE OF SPILLED OR LEAKED CHEMICALS, INCLUDING FUEL, FROM ANY AREA WHERE CHEMICALS, INCLUDING FUEL, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS) RELATED TO THE CONSTRUCTION ACTIVITY. PERMITTEES MUST ENSURE ADEQUATE SUPPLIES ARE AVAILABLE AT ALL TIMES TO CLEAN UP DISCHARGED MATERIALS AND THAT AN APPROPRIATE DISPOSAL METHOD IS AVAILABLE FOR RECOVERED SPILLED MATERIALS. PERMITTEES MUST REPORT AND CLEAN UP SPILLS IMMEDIATELY AS REQUIRED BY MINN. STAT. 115.061, USING DRY CLEAN UP MEASURES WHERE POSSIBLE.
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36. PERMITTEES MUST TAKE REASONABLE PRECAUTIONS TO PREVENT THE DISCHARGE OF SPILLED OR LEAKED CHEMICALS, INCLUDING FUEL, FROM ANY AREA WHERE CHEMICALS, INCLUDING FUEL, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS) RELATED TO THE CONSTRUCTION ACTIVITY. PERMITTEES MUST ENSURE ADEQUATE SUPPLIES ARE AVAILABLE AT ALL TIMES TO CLEAN UP DISCHARGED MATERIALS AND THAT AN APPROPRIATE DISPOSAL METHOD IS AVAILABLE FOR RECOVERED SPILLED MATERIALS. PERMITTEES MUST REPORT AND CLEAN UP SPILLS IMMEDIATELY AS REQUIRED BY MINN. STAT. 115.061, USING DRY CLEAN UP MEASURES WHERE POSSIBLE.
37. PERMITTEES MUST LIMIT VEHICLE EXTERIOR WASHING AND EQUIPMENT TO A DEFINED AREA OF THE SITE. PERMITTEES MUST CONTAIN RUNOFF FROM THE WASHING AREA IN A SEDIMENT BASIN OR OTHER SIMILARLY EFFECTIVE CONTROLS AND MUST DISPOSE WASTE FROM THE WASHING ACTIVITY PROPERLY. PERMITTEES MUST PROPERLY USE AND STORE SOAPS, DETERGENTS, OR SOLVENTS.
38. PERMITTEES MUST TAKE REASONABLE PRECAUTIONS TO PREVENT THE DISCHARGE OF SPILLED OR LEAKED CHEMICALS, INCLUDING FUEL, FROM ANY AREA WHERE CHEMICALS, INCLUDING FUEL, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS) RELATED TO THE CONSTRUCTION ACTIVITY. PERMITTEES MUST ENSURE ADEQUATE SUPPLIES ARE AVAILABLE AT ALL TIMES TO CLEAN UP DISCHARGED MATERIALS AND THAT AN APPROPRIATE DISPOSAL METHOD IS AVAILABLE FOR RECOVERED SPILLED MATERIALS. PERMITTEES MUST REPORT AND CLEAN UP SPILLS IMMEDIATELY AS REQUIRED BY MINN. STAT. 115.061, USING DRY CLEAN UP MEASURES WHERE POSSIBLE.
39. PERMITTEES MUST LIMIT VEHICLE EXTERIOR WASHING AND EQUIPMENT TO A DEFINED AREA OF THE SITE. PERMITTEES MUST CONTAIN RUNOFF FROM THE WASHING AREA IN A SEDIMENT BASIN OR OTHER SIMILARLY EFFECTIVE CONTROLS AND MUST DISPOSE WASTE FROM THE WASHING ACTIVITY PROPERLY. PERMITTEES MUST PROPERLY USE AND STORE SOAPS, DETERGENTS, OR SOLVENTS.
40. PERMITTEES MUST TAKE REASONABLE PRECAUTIONS TO PREVENT THE DISCHARGE OF SPILLED OR LEAKED CHEMICALS, INCLUDING FUEL, FROM ANY AREA WHERE CHEMICALS, INCLUDING FUEL, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS) RELATED TO THE CONSTRUCTION ACTIVITY. PERMITTEES MUST ENSURE ADEQUATE SUPPLIES ARE AVAILABLE AT ALL TIMES TO CLEAN UP DISCHARGED MATERIALS AND THAT AN APPROPRIATE DISPOSAL METHOD IS AVAILABLE FOR RECOVERED SPILLED MATERIALS. PERMITTEES MUST REPORT AND CLEAN UP SPILLS IMMEDIATELY AS REQUIRED BY MINN. STAT. 115.061, USING DRY CLEAN UP MEASURES WHERE POSSIBLE.
41. PERMITTEES MUST LIMIT VEHICLE EXTERIOR WASHING AND EQUIPMENT TO A DEFINED AREA OF THE SITE. PERMITTEES MUST CONTAIN RUNOFF FROM THE WASHING AREA IN A SEDIMENT BASIN OR OTHER SIMILARLY EFFECTIVE CONTROLS AND MUST DISPOSE WASTE FROM THE WASHING ACTIVITY PROPERLY. PERMITTEES MUST PROPERLY USE AND STORE SOAPS, DETERGENTS,

ATTACHMENT A: SITE SPECIFIC SWPPP DOCUMENT

PROJECT NAME: LAZY DAYS OF MINNEAPOLIS
PROJECT LOCATION (BRIEFLY DESCRIBE WHERE CONSTRUCTION ACTIVITY OCCURS. INCLUDE ADDRESS IF AVAILABLE):
 ADDRESS: RIVERDALE DRIVE NW
 CITY OR TOWNSHIP: RAMSEY
 STATE: MN
 ZIP CODE: 55303
 LATITUDE/LONGITUDE OF APPROXIMATE CENTROID OF PROJECT: 45D14'03.48" N, 93D28'44.96" W
 METHOD OF DATA COLLECTION (CIRCLE ONE): GPS ONLINE TOOL USGS TOPOGRAPHIC
 ALL CITIES WHERE CONSTRUCTION WILL OCCUR: RAMSEY
 ALL COUNTIES WHERE CONSTRUCTION WILL OCCUR: ANOKA
 ALL TOWNSHIPS WHERE CONSTRUCTION WILL OCCUR: N/A

PROJECT SIZE (NUMBER OF ACRES TO BE DISTURBED): 0.0

PROJECT TYPE (CIRCLE ONE): RESIDENTIAL COMMERCIAL/INDUSTRIAL ROAD CONSTRUCTION
 RESIDENTIAL & RD CONSTRUCTION OTHER (DESCRIBE): XXXXX

CUMULATIVE IMPERVIOUS SURFACE (TO THE NEAREST TENTH ACRE)
 EXISTING AREA OF IMPERVIOUS SURFACE: 0.0
 POST CONSTRUCTION AREA OF IMPERVIOUS SURFACE: 3.6
 TOTAL NEW AREA OF IMPERVIOUS SURFACE: 3.6

RECEIVING WATERS

| WATER BODY ID WATER (Y/N) | NAME OF WATER BODY | WATER BODY TYPE | SPECIAL WATER? (Y/N) | IMPAIRED |
|---------------------------|--------------------|-----------------|----------------------|----------|
| | MISSISSIPPI RIVER | RIVER | NO | NO |
| | | | | |
| | | | | |
| | | | | |

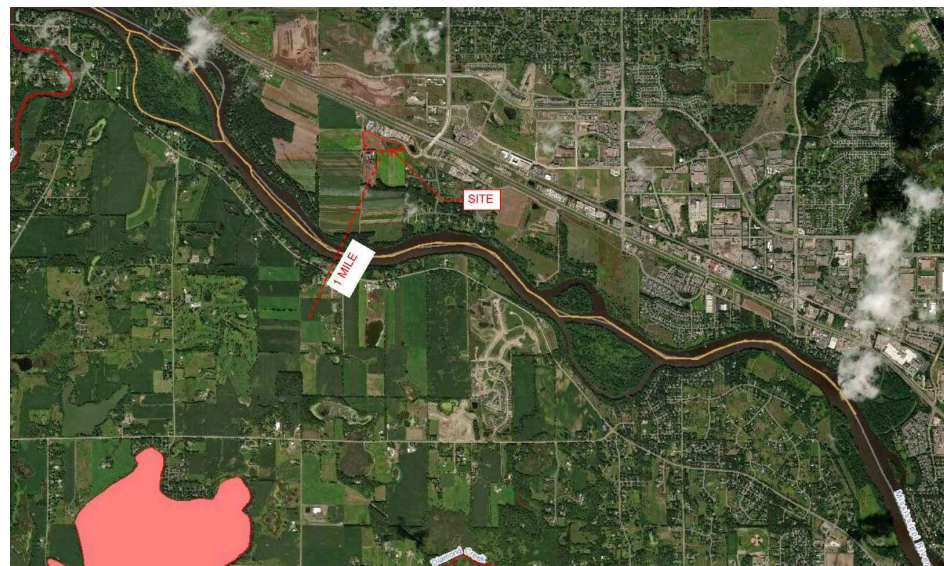
DATES OF CONSTRUCTION

CONSTRUCTION START DATE: 09/18
 ESTIMATED COMPLETION DATE: 09/19

GENERAL CONSTRUCTION PROJECT INFORMATION

DESCRIBE THE CONSTRUCTION ACTIVITY (WHAT WILL BE BUILT, GENERAL TIMELINE, ETC); THIS PROJECT WILL BE THE CONSTRUCTION OF A NEW RV SERVICE CENTER, ASSOCIATED PARKING, AND LANDSCAPING.
 DESCRIBE SOIL TYPES FOUND AT THE PROJECT: SOILS ON SITE ARE SANDY, TYPE "A" SOILS

SITE LOCATION MAP - ATTACH MAPS (U.S. GEOLOGIC SURVEY 7.5 MINUTE QUADRANGLE, NATIONAL WETLAND INVENTORY MAPS OR EQUIVALENT) SHOWING THE LOCATION AND TYPE OF ALL RECEIVING WATERS, INCLUDING WETLANDS, DRAINAGE DITCHES, STORMWATER PONDS, OR BASINS, ETC. THAT WILL RECEIVE RUNOFF FROM THE PROJECT. USE ARROWS SHOWING THE DIRECTION OF FLOW AND DISTANCE TO THE WATER BODY.



GENERAL SITE INFORMATION (III.A)

1. DESCRIBE THE LOCATION AND TYPE OF ALL TEMPORARY AND PERMANENT EROSION PREVENTION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMP'S). INCLUDE THE TIMING FOR INSTALLATION AND PROCEDURES USED TO ESTABLISH ADDITIONAL TEMPORARY BMP'S AS NECESSARY. (III.A.4.A)
 THE PROJECT IS PROTECTED BY TWO MAIN BMP'S: SILT FENCE AND INLET PROTECTION DEVICES. THE SILT FENCE WILL BE INSTALLED AT THE DOWNHILL LOCATIONS OF THE SITE AND MONITORED AS NECESSARY. INLET PROTECTION DEVICES WILL BE INSTALLED IN ALL CATCH BASINS ON THE SITE AND ANY OFF SITE THAT WILL RECEIVE STORMWATER RUNOFF FROM THIS SITE. AS THE PROJECT PROGRESSES ADDITIONAL BMP'S SUCH AS EROSION CONTROL BLANKET MAY BE UTILIZED. AREAS WHERE UTILITIES ARE BEING EXTENDED WILL HAVE SILT FENCE INSTALLED DOWNHILL. UTILITY EXTENSION AREA WILL HAVE TWO ROWS OF SILT FENCE INSTALLED UPHILL OF THE EXISTING INFILTRATION.
 2. ATTACH TO THIS SWPPP A TABLE WITH THE ANTICIPATED QUANTITIES FOR THE LIFE OF THE PROJECT FOR ALL EROSION PREVENTION AND SEDIMENT CONTROL BMP'S (III.A.4.B) SEE PAGE SW1.3
 3. ATTACH TO THIS SWPPP A SITE MAP THAT INCLUDES THE FOLLOWING FEATURES (III.A.3.B-F):
 EXIST AND FINAL GRADES, INCLUDING DIVIDING LINES AND DIRECTION OF FLOW FOR ALL PRE AND POST-CONSTRUCTION STORMWATER RUNOFF DRAINAGE AREAS LOCATED WITHIN THE PROJECT LIMITS.

LOCATIONS OF IMPERVIOUS SURFACES AND SOIL TYPES.

- EXISTING AND FINAL GRADES, INCLUDING DIVIDING LINES AND DIRECTION OF FLOW FOR ALL PRE AND POST-CONSTRUCTION STORMWATER RUNOFF DRAINAGE AREAS LOCATED WITHIN PROJECT LIMITS.
- LOCATIONS OF AREAS NOT TO BE DISTURBED.
- LOCATION OF AREAS OF PHASED CONSTRUCTION.
- ALL SURFACE WATERS AND EXISTING WETLANDS WITHIN ONE MILE FROM THE PROJECT BOUNDARIES THAT WILL RECEIVE STORMWATER RUNOFF FROM THE SITE (IDENTIFIABLE ON MAPS SUCH AS USGS 7.5 MINUTE QUADRANGLE MAPS OR EQUIVALENT). AREAS WHERE SURFACE WATERS RECEIVING RUNOFF ASSOCIATED WITH CONSTRUCTION ACTIVITY WILL NOT FIT ON THE PLAN SHEET, THEY MUST BE IDENTIFIED WITH AN ARROW, INDICATING BOTH DIRECTION AND DISTANCE TO THE SURFACE WATER.
- METHODS TO BE USED FOR FINAL STABILIZATION OF ALL EXPOSED SOIL AREA

4. WERE STORMWATER MITIGATION MEASURES REQUIRED AS THE RESULT OF AN ENVIRONMENTAL, ARCHAEOLOGICAL, OR OTHER REQUIRED LOCAL, STATE OR FEDERAL REVIEW OF THE PROJECT? NO
 IF YES, DESCRIBE HOW THESE MEASURES WERE ADDRESSED IN THE SWPPP. (III.A.6)

5. IS THE PROJECT LOCATED IN A KARST AREA SUCH THAT ADDITIONAL MEASURES WOULD BE NECESSARY TO PROJECT DRINKING WATER SUPPLY MANAGEMENT AREAS AS DESCRIBED IN MINN. R. CHAPTERS 7050 AND 7060? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

6. DOES THE SITE DISCHARGE TO A CALCEREOUS FEN LISTED IN MINN. R. 7050.0180, SUBP. 6 B? NO
 IF YES, A LETTER OF APPROVAL FROM THE MINNESOTA DEPARTMENT OF NATURAL RESOURCES MUST BE OBTAINED PRIOR TO APPLICATION FOR THIS PERMIT. (PART I B.6 AND PART III A.8)
 7. DOES THE SITE DISCHARGE TO A WATER THAT IS LISTED AS IMPAIRED FOR THE FOLLOWING POLLUTANT(S) OR STRESSOR(S), PHOSPHORUS, TURBIDITY, DISSOLVED OXYGEN OR BIOTIC IMPAIRMENT? USE THE SPECIAL AND IMPAIRED WATERS SEARCH TOOL AT: WWW.PCA.STATE.MN.US/WATER/STORMWATER/STORMWATER-C.HTML

8. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

9. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

10. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

11. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

12. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

13. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

14. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

15. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

16. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

17. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

18. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

19. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

20. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

21. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

22. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

23. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

24. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

25. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

26. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

27. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

28. DOES THE SITE DISCHARGE TO A WATER QUALITY CLASSIFICATION (WQC) AREA? NO
 IF YES, DESCRIBE THE ADDITIONAL MEASURES TO BE USED. (III.A.7)

EROSION PREVENTION PRACTICES (IV.B)

DESCRIBE THE TYPES OF TEMPORARY EROSION PREVENTION BMP'S EXPECTED TO BE IMPLEMENTED ON THIS SITE DURING CONSTRUCTION:
 1. DESCRIBE CONSTRUCTION PHASING, VEGETATIVE BUFFER STRIPS, HORIZONTAL SLOPE GRADING, AND OTHER CONSTRUCTION PRACTICES TO MINIMIZE EROSION. DELINEATE AREAS NOT TO BE DISTURBED (E.G., WITH FLAGS, STAKES, SIGNS, SILT FENCE, ETC.) BEFORE WORK BEGINS.
 SILT FENCE WILL BE INSTALLED AT THE DOWNHILL LOCATIONS OF THE SITE.
 2. DESCRIBE METHODS OF TEMPORARILY STABILIZING SOILS AND SOIL STOCKPILES (E.G., MULCHES, HYDRAULIC TACKIFIERS, EROSION BLANKETS, ETC.);
 TEMPORARY EROSION PROTECTION WILL BE SEED AND MULCH AND EROSION BLANKETS WHERE REQUIRED, WITH PERMANENT COVER BEING EITHER SOD OR LANDSCAPE FEATURES.
 3. DESCRIBE METHODS OF DISSIPATING VELOCITY ALONG STORMWATER CONVEYANCE CHANNELS AND AT CHANNEL OUTLETS (E.G., CHECK DAMS, SEDIMENT TRAPS, RIP RAP, ETC.);
 SOD WILL BE UTILIZED ALONG CHANNELS AND RIP RAP AT CHANNEL.
 4. DESCRIBE METHODS TO BE USED FOR STABILIZATION OF DITCH AND SWALE WETTED PERIMETERS (NOTE THAT MULCH, HYDRAULIC SOIL TACKIFIERS, HYDROMULCHES, ETC. ARE NOT ACCEPTABLE SOIL STABILIZATION METHODS FOR ANY PART OF A DRAINAGE DITCH OR SWALE)
 FINAL STABILIZATION OF SWALES WILL BE SOD
 5. DESCRIBE METHODS TO BE USED FOR ENERGY DISSIPATION AT PIPE OUTLETS (E.G., RIP RAP, SPLASH PADS, GABIONS, ETC.)
 RIP RAP WILL BE UTILIZED AT PIPE OUTLETS
 6. DESCRIBE METHODS TO BE USED TO PROMOTE INFILTRATION AND SEDIMENT REMOVAL ON THE SITE PRIOR TO OFFSITE DISCHARGE, UNLESS INFEASIBLE (E.G., DIRECT STORMWATER FLOW TO VEGETATED AREAS);
 DISCONNECTED IMPERVIOUS AREA AND INFILTRATION AREAS WILL BE UTILIZED
 7. FOR DRAINAGE OR DIVERSION DITCHES, DESCRIBE PRACTICES TO STABILIZE THE NORMAL WETTED PERIMETER WITHIN 200 LINEAL FEET OF THE PROPERTY EDGE OR POINT OF DISCHARGE TO SURFACE WATER. THE LAST 200 LINEAL FEET MUST BE STABILIZED WITHIN 24 HOURS AFTER CONNECTING TO SURFACE WATERS AND CONSTRUCTION IN THAT PORTION OF THE DITCH HAS TEMPORARILY OR PERMANENTLY CEASED FOR ALL DISCHARGES TO SPECIAL, IMPAIRED OR "WORK IN WATER RESTRICTIONS". ALL OTHER REMAINING PORTIONS OF THE TEMPORARY OR PERMANENT DITCHES OR SWALES WITHIN 14 CALENDAR DAYS AFTER CONNECTING TO A SURFACE WATER, PROPERTY EDGE AND CONSTRUCTION IN THAT AREA HAS TEMPORARILY OR PERMANENTLY CEASED.
 N/A: NO DITCHES ON SITE
 8. DESCRIBE ADDITIONAL EROSION PREVENTION MEASURES THAT WILL BE IMPLEMENTED AT THE SITE DURING CONSTRUCTION (E.G., CONSTRUCTION PHASING, MINIMIZING SOIL DISTURBANCE, VEGETATIVE BUFFERS, HORIZONTAL SLOPE GRADING, SLOPE DRAINING/TERRACING, ETC.)
 OTHER EROSION CONTROL PRACTICES INCLUDE BUT ARE NOT LIMITED TO: MINIMIZING SITE EXPOSURE WHEN POSSIBLE.
 9. IF APPLICABLE, INCLUDE ADDITIONAL REQUIREMENTS IN APPENDIX A PART C.3 REGARDING MAINTAINING A 100-FOOT BUFFER ZONE OR INSTALLING REDUNDANT BMP'S FOR PORTIONS OF THE SITE THAT DRAIN TO SPECIAL WATERS).
 N/A
 10. IF APPLICABLE, DESCRIBE ADDITIONAL EROSION PREVENTION BMP'S TO BE IMPLEMENTED AT THE SITE TO PROTECT PLANNED INFILTRATION AREAS
 MINIMIZE SITE EXPOSURE IN AREAS ADJACENT TO INFILTRATION AREAS.

SEDIMENT CONTROL PRACTICES (IV.C)

DESCRIBE THE METHODS OF SEDIMENT CONTROL BMP'S TO BE IMPLEMENTED AT THIS SITE DURING CONSTRUCTION TO MINIMIZE SEDIMENT IMPACTS TO SURFACE WATERS, INCLUDING CURB AND GUTTER SYSTEMS
 1. DESCRIBE METHODS TO BE USED FOR DOWN GRADIENT PERIMETER CONTROL:
 SILT FENCE WILL BE INSTALLED AROUND THE ENTIRE PERIMETER OF THE SITE
 2. DESCRIBE METHODS TO BE USED TO CONTAIN SOIL STOCKPILES:
 SEED AND MULCH AS WELL AS EROSION CONTROL BLANKETS WILL BE UTILIZED AS NECESSARY
 3. DESCRIBE METHODS TO BE USED FOR STORM DRAIN INLET PROTECTION:
 SEE INLET PROTECTION DETAILS
 4. DESCRIBE METHODS TO MINIMIZE VEHICLE TRACKING AT CONSTRUCTION EXITS AND STREET SWEEPING ACTIVITIES:
 THE PROJECT WILL UTILIZE A ROCK CONSTRUCTION ENTRANCE.
 5. DESCRIBE METHODS, IF APPLICABLE, ADDITIONAL SEDIMENT CONTROLS (E.G., DIVERSION BERMS) TO BE INSTALLED TO KEEP RUNOFF AWAY FROM PLANNED INFILTRATION AREAS WHEN EXCAVATED PRIOR TO FINAL STABILIZATION OF THE CONTRIBUTING DRAINAGE AREA.
 SILT FENCE TO BE INSTALLED IMMEDIATELY AFTER GRADING TO PROTECT INFILTRATION AREAS.
 6. DESCRIBE METHODS TO BE USED TO MINIMIZE SOIL COMPACTION AND PRESERVE TOP SOIL (UNLESS INFEASIBLE) AT THIS SITE:
 LIGHT TRACKED EQUIPMENT WILL BE USED, TOPSOIL WILL BE STRIPPED AND STOCKPILED
 7. DESCRIBE PLANS TO PRESERVE A 50-FOOT NATURAL BUFFER BETWEEN THE PROJECT'S SOIL DISTURBANCE AND A SURFACE WATER OR PLANS FOR REDUNDANT SEDIMENT CONTROLS IF A BUFFER IS INFEASIBLE:
 DOUBLE ROW OF SILT FENCE WILL BE INSTALLED ALONG WETLAND. PROJECT WILL NOT DISTURB WITHIN 200 FEET OF WETLAND
 8. DESCRIBE PLANS FOR USE OF SEDIMENTATION TREATMENT CHEMICALS (E.G., POLYMERS, FLOCCULANTS, ETC.) SEE PART IV.C.10 OF THE PERMIT.
 N/A
 9. IS THE PROJECT REQUIRED TO INSTALL A TEMPORARY SEDIMENT BASIN DUE TO 10 OR MORE ACRES DRAINING TO A COMMON LOCATION OR 5 ACRES OR MORE IF THE SITE IS WITHIN 1 MILE OF A SPECIAL OR IMPAIRED WATER?
 NO
 IF YES, DESCRIBE (OR ATTACH PLANS) SHOWING HOW THE BASIN WILL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH PART III C OF THE PERMIT.
 N/A

DEWATERING AND BASIN DRAINING (IV.D)

1. WILL THE PROJECT INCLUDE DEWATERING OR BASIN DRAINING? NO
 IF YES, DESCRIBE MEASURES TO BE USED TO TREAT/DISPOSE OF TURBID OR SEDIMENT-LADEN WATER AND METHOD TO PREVENT EROSION OR SCOUR OF DISCHARGE POINTS (SEE PART IV. D OF THE PERMIT):
 N/A
 2. WILL THE PROJECT INCLUDE USE OF FILTERS FOR BACKWASH WATER? NO
 IF YES, DESCRIBE HOW FILTER BACKWASH WATER WILL BE MANAGED ON THE SITE OR PROPERLY DISPOSED (SEE PART III.D.3. OF THE PERMIT):
 N/A

ADDITIONAL BMP'S FOR SPECIAL WATERS AND DISCHARGES TO WETLANDS (APPENDIX A, PARTS C AND D)

1. SPECIAL WATERS. DOES YOUR PROJECT DISCHARGE TO SPECIAL WATERS? NO
 2. IF PROXIMITY TO BEDROCK OR ROAD PROJECTS WHERE THE LACK OF RIGHT OF WAY PRECLUDES THE INSTALLATION OF ANY OF THE PERMANENT STORMWATER MANAGEMENT PRACTICES, THEN OTHER TREATMENT SUCH AS GRASSED SWALES, SMALLER PONDS, OR GRIT CHAMBERS IS REQUIRED PRIOR TO DISCHARGE TO SURFACE WATERS. DESCRIBE WHAT OTHER TREATMENT WILL BE PROVIDED.
 N/A
 3. DESCRIBE EROSION AND SEDIMENT CONTROLS FOR EXPOSED SOIL AREAS WITH A CONTINUOUS POSITIVE SLOPE TO A SPECIAL WATERS, AND TEMPORARY SEDIMENT BASINS FOR AREAS THAT DRAIN FIVE OR MORE ACRES DISTURBED AT ONE TIME.
 N/A
 4. DESCRIBE THE UNDISTURBED BUFFER ZONE TO BE USED (NOT LESS THAN 100 LINEAL FEET FROM THE SPECIAL WATER).
 N/A
 5. DESCRIBE HOW THE PERMANENT STORMWATER MANAGEMENT SYSTEM WILL ENSURE THAT THE PRE AND POST PROJECT RUNOFF RATE AND VOLUME FROM THE 1, AND 2-YEAR 24-HOUR PRECIPITATION EVENTS REMAINS THE SAME.
 N/A
 6. DESCRIBE HOW THE PERMANENT STORMWATER MANAGEMENT SYSTEM WILL MINIMIZE ANY INCREASE IN THE TEMPERATURE OF TROUT STREAM RECEIVING WATERS RESULTING IN THE 1, AND 2-YEAR 24-HOUR PRECIPITATION EVENTS.
 N/A
 7. WETLANDS. DOES YOUR PROJECT DISCHARGE STORMWATER WITH THE POTENTIAL FOR SIGNIFICANT ADVERSE IMPACTS TO A WETLAND (E.G., CONVERSION OF A NATURAL WETLAND TO A STORMWATER POND)? YES OR NO
 IF YES, DESCRIBE THE WETLAND MITIGATION SEQUENCE THAT WILL BE FOLLOWED IN ACCORDANCE WITH PART D OF APPENDIX A.
 N/A

INSPECTIONS AND MAINTENANCE (IV.E)

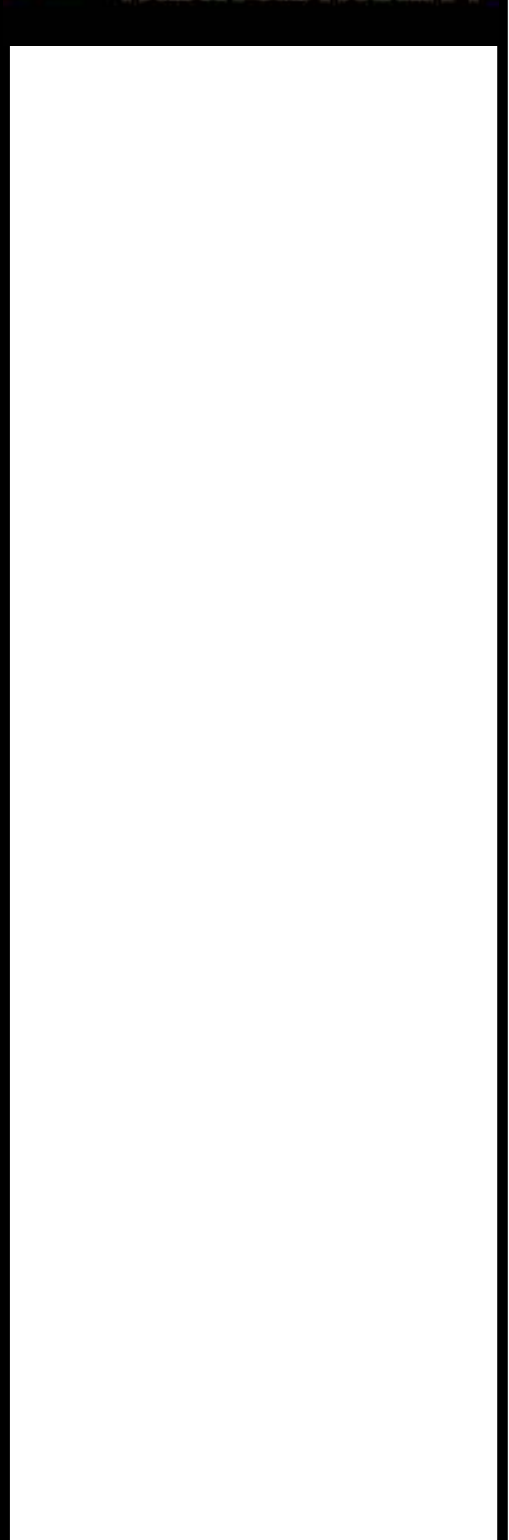
DESCRIBE PROCEDURES TO ROUTINELY INSPECT THE CONSTRUCTION SITE:
 • ONCE EVERY SEVEN (7) DAYS DURING ACTIVE CONSTRUCTION AND
 • WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES IN 24 HOURS, AND WITHIN (7) DAYS AFTER THAT

INSPECTIONS MUST INCLUDE STABILIZED AREAS, EROSION PREVENTION AND SEDIMENT CONTROL BMP'S AND INFILTRATION AREAS.
 INSPECTOR WILL FOLLOW REQUIREMENTS SPECIFIED ABOVE AND FILL OUT "ATTACHMENT B - CONSTRUCTION STORMWATER INSPECTION CHECKLIST"

- Describe practices for storage of building products with a potential to leach pollutants to minimize exposure to stormwater:
 ALL BUILDING PRODUCTS WILL BE SEALED AND STORED IN A MANNER TO MINIMIZE EXPOSURE
- Describe practices for storage of pesticides, herbicides, insecticides, fertilizers, treatment chemical, and landscape materials:
 ALL LANDSCAPE TREATMENT CHEMICALS WILL BE SEALED AND STORED IN A MANNER TO MINIMIZE EXPOSURE
- Describe practices for storage and disposal of hazardous materials or toxic waste (e.g., oil, fuel, hydraulic fluids, paint solvents, petroleum-based products, wood preservative, additives, curing compounds, and acids) according to Minn. R. ch. 7045, including restricted access and secondary containment.
 ALL HAZARDOUS WASTE WILL BE APPROPRIATELY DISPOSED OFF SITE ACCORDING TO LOCAL AND STATE LAWS.
- Describe collection, storage and disposal of solid waste in compliance with Minn. R. ch. 7035:
 ALL CONSTRUCTION DEBRIS AND SOLID WASTE WILL BE APPROPRIATELY DISPOSED OF OFF SITE ACCORDING TO LOCAL AND STATE LAWS
- Describe management of portable toilets to prevent tipping and disposal of sanitary wastes in accordance with Minn. R. ch. 7040:
 SANITARY AND SEPTIC SERVICES WILL BE PROVIDED TO WORKERS WITH PORTABLE FACILITIES MAINTAINED AS NEEDED BY THE PROVIDER.
- Describe spill prevention and response for fueling and equipment or vehicle maintenance:
 EMPLOYEES WILL BE TRAINED IN TECHNIQUES DESIGNED TO MINIMIZE SPILLS. VEHICLES AND EQUIPMENT SHALL BE CHECKED FOR LEAKS.
- Describe containment and disposal of vehicle and equipment wash water and prohibiting engine degreasing on the site.
 ALL CONSTRUCTION VEHICLES SHALL BE WASHED OFF SITE
- Describe storage and disposal of concrete and other washout wastes so that wastes do not contact the ground:
 ALL CONCRETE WASHOUT SHALL OCCUR OFF SITE.

FINAL STABILIZATION (IV.G)

DESCRIBE METHOD OF FINAL STABILIZATION (PERMANENT COVER) OF ALL DISTURBED AREAS:
 FINAL STABILIZATION WILL BE ACCOMPLISHED WITH PAVEMENT, SOD AND LANDSCAPE MATERIALS.
 2. DESCRIBE PROCEDURES FOR COMPLETING FINAL STABILIZATION AND TERMINATING PERMIT COVERAGE (SEE PART IV.G.1-5):
 UPON STABILIZATION DESCRIBED ABOVE, THE CONTRACTOR AND OWNER SHALL MUTUALLY TRANSFER THE NPDES PERMIT TO THE NEXT OWNER WITH DOCUMENTS DESCRIBING THE NATURE OF TERMINATION PROCEDURE.
DOCUMENTATION OF INFEASIBILITY: (IF APPLICABLE)



LAZY DAYS OF RAMSEY
 RIVERDALE DRIVE NW., RAMSEY, MN
LAZY DAYS OF RAMSEY
 8330 HIGHWAY 10 NW, ANOKA, MN 55303

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Matthew R. Pawik
 Matthew R. Pawik
 DATE: 09/10/18 LICENSE NO. 44263

ISSUE/SUBMITTAL SUMMARY

| DATE | DESCRIPTION |
|----------|-------------------------|
| 07/09/18 | CITY SUBMITTAL |
| 08/10/18 | CITY RESUBMITTAL |
| 08/19/18 | COUNTY TECHNICAL REVIEW |
| 10/19/18 | CITY RESUBMITTAL |
| 10/22/18 | CITY RESUBMITTAL |

REVISION SUMMARY

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |

PROJECT NUMBER: 18213

SWPPP - ATTACHMENTS

SW1.4

ATTACHMENT B: SWPPP INSPECTION FORM

NOTE: THIS INSPECTION REPORT DOES NOT ADDRESS ALL ASPECTS OF THE NATIONAL APOLLUTANT DISCHARGE ELIMINATION SYSTEM/STATE DISPOSAL SYSTEM (NPDES/SDS) CONSTRUCTION STORMWATER PERMIT ISSUED ON AUGUST 1, 2013. THE COMPLETION OF THIS CHECKLIST DOES NOT GUARANTEE THAT ALL PERMIT REQUIREMENTS ARE IN COMPLIANCE. IT IS THE RESPONSIBILITY OF THE PERMITTEE(S) TO READ AND UNDERSTAND THE PERMIT REQUIREMENTS.

FACILITY INFORMATION

SITE NAME: _____ PERMIT NUMBER: _____
 FACILITY ADDRESS: _____ CITY: _____ STATE: _____ ZIP CODE: _____

INSPECTION INFORMATION

INSPECTOR NAME: _____ PHONE NUMBER: _____
 DATE (MM/DD/YYYY): _____ TIME: _____ AM / PM
 IS THE INSPECTOR CERTIFIED IN SEDIMENT AND EROSION CONTROL AND IS IT DOCUMENTED IN THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP)?
 IS THIS INSPECTION ROUTINE OR IN RESPONSE TO A STORM EVENT?
 RAINFALL AMOUNT (IF APPLICABLE): _____
 IS THE SITE WITHIN ONE AERIAL MILE OF A SPECIAL OR IMPARED WATER?
 IF YES, FOLLOW APPENDIX A AND OTHER APPLICABLE PERMIT REQUIREMENTS

NOTE: IF N/A IS SELECTED AT ANY TIME, SPECIFY WHY IN THE COMMENT AREA FOR THAT SECTION.

EROSION CONTROL REQUIREMENT (PART IV.B)

| | Y | N | N/A |
|--|--------------------------|--------------------------|--------------------------|
| 1. SOIL STABILIZATION WHERE NO CONSTRUCTION ACTIVITY FOR 7 DAYS? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. HAS THE NEED TO DISTURB STEEP SLOPES BEEN MINIMIZED? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. ALL DITCHES STABILIZED 200' BACK FROM POINT OF DISCHARGE WITHIN 24 HOURS? (NOT MULCH) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. ARE THERE BMP'S FOR ONSITE STOCKPILES? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. ARE APPROPRIATE BMP'S INSTALLED PROTECTING INLETS/OUTLETS? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. DO PIPE OUTLETS HAVE ENERGY DISSIPATION? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

COMMENTS:

SEDIMENT CONTROL REQUIREMENT (PART IV.C)

| | Y | N | N/A |
|--|--------------------------|--------------------------|--------------------------|
| 1. PERIMETER CONTROL INSTALLED ON ALL DOWN GRADIENT PERIMETERS? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. PERIMETER CONTROL TRENCHED IN WHERE APPROPRIATE? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. 50 FOOT NATURAL BUFFER MAINTAINED AROUND ALL SURFACE WATERS? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.1. IF NO, HAVE REDUNDANT SEDIMENT CONTROLS BEEN INSTALLED? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. INLET PROTECTION ON ALL CATCH BASINS AND CULVERT INLETS? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. VEHICLE TRACKING BEST MANAGEMENT PRACTICES (BMP'S) AT ALL SITE EXITS? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. ALL TRACKED SEDIMENT REMOVED WITHIN 24 HOURS? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. ARE ALL INFILTRATION SYSTEMS STAKED AND MARKED TO AVOID COMPACTION? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. ARE ALL INFILTRATION AREAS PROTECTED WITH A PRETREATMENT DEVICE? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. DO ALL STOCKPILES HAVE PERIMETER CONTROLS? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

COMMENTS:

MAINTENANCE-EROSION AND SEDIMENT CONTROL BMP'S (PART IV.E)

| | Y | N | N/A |
|--|--------------------------|--------------------------|--------------------------|
| 1. ARE ALL PREVIOUSLY STABILIZED AREAS MAINTAINING 90% GROUND COVER? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. ANY DITCH EROSION OBSERVED? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. PERIMETER CONTROL-HAS SEDIMENT REACHED ONE HALF THE HEIGHT OF THE DEVICE? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. ARE INLET PROTECTION DEVICES MAINTAINED AND FUNCTIONING PROPERLY? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

COMMENTS:

OTHER

| | Y | N | N/A |
|--|--------------------------|--------------------------|--------------------------|
| 1. ARE ALL MATERIALS THAT CAN LEACH POLLUTANTS UNDER COVER? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. HAS ACCESS BEEN RESTRICTED TO ONSITE HAZARDOUS MATERIALS? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. DOES ON-SITE FUELING ONLY OCCUR IN A CONTAINED AREA? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. ARE ALL SOLID WASTES BEING PROPERLY DISPOSED OF? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. IS THE CONCRETE WASHOUT AREA COMPLETELY CONTAINED? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. IS THE CONCRETE WASHOUT AREA MARKED WITH SIGN? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

COMMENTS:

7. WERE ANY DISCHARGES SEEN DURING THIS INSPECTION, SEDIMENT, WATER, OR OTHERWISE?
 7.1. IF YES, STATE THE EXACT LOCATION OF ALL POINTS OF DISCHARGE AND DESCRIBE THE DISCHARGE (COLOR, ODOR, FOAM, OIL SHEEN, ETC). HOW WILL IT BE REMOVED? HOW DID THE DISCHARGE HAPPEN? HOW MUCH WAS DISCHARGED? HOW WILL IT BE STOPPED, AND HOW LONG WILL IT TAKE TO STOP? IS THE DISCHARGE GOING INTO AN ADJACENT SITE? WAS THE DISCHARGE A SEDIMENT DELTA? IF YES, WILL THE DELTA BE RECOVERED WITHIN 7 DAYS?

8. WILL A PERMANENT STORMWATER MANAGEMENT SYSTEM BE UTILIZED IN THIS PROJECT AS REQUIRED AND IN ACCORDANCE WITH PART III.D OF THE PERMIT? DESCRIBE:

| | Y | N | N/A |
|--|--------------------------|--------------------------|--------------------------|
| 9. IS ANY DEWATERING OCCURRING ON SITE? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9.1. IF YES, WHERE? WHAT BMP IS BEING USED? HOW MUCH WATER IS BEING DEWATERED? IS THE WATER CLEAR? WHERE IS THE WATER BEING DISCHARGED TO? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | Y | N | N/A |
|--|--------------------------|--------------------------|--------------------------|
| 10. IS A COPY OF THE SWPPP LOCATED ON THE CONSTRUCTION SITE? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. HAS THE SWPPP BEEN FOLLOWED AND IMPLEMENTED ON SITE? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. IS A SEDIMENTATION BASIN REQUIRED FOR THIS PROJECT AS SPECIFIED IN THE PERMIT? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12.1. IF YES, ARE THEY MAINTAINED AS SPECIFIED IN THE PERMIT? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. IS THE TOPSOIL ON THIS PROJECT BEING PRESERVED? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13.1. IF YES, EXPLAIN HOW THE TOP SOIL IS BEING PRESERVED. IF NO, EXPLAIN WHY IT WAS INFEASIBLE. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | Y | N | N/A |
|--|--------------------------|--------------------------|--------------------------|
| 14. ARE ALL INFILTRATION SYSTEMS MARKED TO AVOID COMPACTION? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14.1. DO ALL INFILTRATION AREAS HAVE PRETREATMENT DEVICES? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. DESCRIPTION OF AREAS OF NON-COMPLIANCE NOTED DURING THE INSPECTION, REQUIRED CORRECTIVE ACTIONS, AND RECOMMENDED DATE OF COMPLETION OF CORRECTIVE ACTIONS: | | | |

16. PROPOSED AMENDMENTS TO THE SWPPP:

17. POTENTIAL AREAS OF FUTURE CONCERN:

18. ADDITIONAL COMMENTS

DISCLOSURES:

- AFTER DISCOVERY, THE PERMIT REQUIRES MANY OF THE DEFICIENCIES THAT MAY BE FOUND IN THIS CHECKLIST BE CORRECTED WITHIN A SPECIFIED PERIOD OF TIME. SEE PERMIT FOR MORE DETAILS.
- THIS INSPECTION CHECKLIST IS AN OPTION FOR SMALL CONSTRUCTION SITES. LARGE CONSTRUCTION SITES AND LINEAR PROJECTS REQUIRE MORE EXTENSIVE/MORE LOCATION SPECIFIC INSPECTION REQUIREMENTS.
- THE PERMITTEE(S) SHARE RESPONSIBILITY FOR THE INSPECTION AND MAINTENANCE OF TEMPORARY AND PERMANENT WATER QUALITY MANAGEMENT BMP'S AS WELL AS EROSION PREVENTION AND SEDIMENT CONTROL BMP'S UNTIL ANOTHER PERMITTEE HAS OBTAINED COVERAGE UNDER THIS PERMIT ACCORDING TO PART II.B.6., OR THE PROJECT HAS UNDERGONE FINAL STABILIZATION AND A NOTICE OF TERMINATION HAS BEEN SUBMITTED TO THE MPCA.

ATTACHMENT C: MAINTENANCE PLAN FOR PERMANENT STORM WATER TREATMENT SYSTEM

ATTACHMENT C - ABOVE-GROUND FACILITY MANAGEMENT SCHEDULE

- ALL STORMWATER RETENTION, DETENTION AND TREATMENT BASINS MUST BE INSPECTED AT LEAST ONCE A YEAR TO DETERMINE THAT BASIN RETENTION AND TREATMENT CHARACTERISTICS ARE ADEQUATE. A STORAGE TREATMENT BASIN WILL BE CONSIDERED INADEQUATE IF SEDIMENT HAS DECREASED THE WET STORAGE VOLUME BY 50 PERCENT OR DRY STORAGE VOLUME BY 25 PERCENT OF ITS ORIGINAL DESIGN VOLUME. BASED ON THIS INSPECTION, IF A STORMWATER BASIN REQUIRES SEDIMENT CLEANOUT, THE BASIN WILL BE RESTORED TO ITS ORIGINAL DESIGN CONTOURS AND VEGETATED STATE WITHIN ONE YEAR OF THE INSPECTION DATE.
- ALL OUTLET STRUCTURES, CULVERTS, OUTFALL STRUCTURES AND OTHER STORMWATER FACILITIES FOR WHICH MAINTENANCE REQUIREMENTS ARE NOT OTHERWISE SPECIFIED HEREIN MUST BE INSPECTED IN THE SPRING, SUMMER AND FALL OF EACH YEAR. WITHIN 30 DAYS OF THE INSPECTION DATE, ALL ACCUMULATED SEDIMENT AND DEBRIS MUST BE REMOVED SUCH THAT EACH STORMWATER FACILITY OPERATES AS DESIGNED AND PERMITTED. CONTRIBUTING DRAINAGE AREAS MUST BE KEPT CLEAR OF LITTER AND VEGETATIVE DEBRIS, INFLOW PIPES AND OVERFLOW SPILLWAYS KEPT CLEAR, INLET AREAS KEPT CLEAN, AND UNDESIRABLE VEGETATION REMOVED. EROSION IMPAIRING THE FUNCTION OR INTEGRITY OF THE FACILITIES, IF ANY, WILL BE CORRECTED, AND ANY STRUCTURAL DAMAGE IMPAIRING OR THREATENING TO IMPAIR THE FUNCTION OF THE FACILITIES MUST BE REPAIRED.
- VOLUME CONTROL FACILITIES AND CONTRIBUTING DRAINAGE AREAS MUST BE INSPECTED EVERY THREE MONTHS DURING THE OPERATIONAL PERIOD (BETWEEN SPRING SNOWMELT AND FIRST SUBSTANTIAL SNOWFALL) AND MONITORED AFTER RAINFALL EVENTS OF 1 INCH OR MORE TO ENSURE THAT THE CONTRIBUTING DRAINAGE AREA IS CLEAR OF LITTER AND DEBRIS, INFLOW PIPES AND OVERFLOW SPILLWAYS ARE CLEAR, INLET AREAS ARE CLEAN, UNDESIRABLE VEGETATION IS REMOVED AND THERE IS NO EROSION IMPAIRING OR THREATENING TO IMPAIR THE FUNCTION OF A FACILITY. IF SEDIMENT HAS ACCUMULATED IN A INFILTRATION FEATURE, WITHIN 30 DAYS OF INSPECTION DEPOSITED SEDIMENTS MUST BE REMOVED, THE INFILTRATION CAPACITY OF THE UNDERLYING SOILS MUST BE RESTORED, AND ANY SURFACE DISTURBANCE MUST BE STABILIZED. INSPECTION MUST ENSURE THAT SEDIMENT TRAPS AND FOREBAYS ARE TRAPPING SEDIMENT AND THAT MORE THAN 50 PERCENT OF THE STORAGE VOLUME REMAINS. THE CONTRIBUTING DRAINAGE AREA IS STABLE (I.E., NO EROSION IS OBSERVED), AND INLETS AND OUTLET/OVERFLOW SPILLWAYS ARE IN GOOD CONDITIONS WITH NO EROSION. MAINTENANCE TECHNIQUES USED MUST PROTECT THE INFILTRATION CAPACITY OF THE PRACTICE BY LIMITING SOIL COMPACTION TO THE GREATEST EXTENT POSSIBLE (I.E., BY USING LOW-IMPACT EARTH-MOVING EQUIPMENT).

LAZYDAYS OF RAMSEY

RIVERDALE DRIVE NW., RAMSEY, MN

LAZYDAYS OF RAMSEY

8390 HIGHWAY 10 NW., ANOKA, MN 55303

PROJECT

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Matthew R. Pawlik
 Matthew R. Pawlik
 DATE 09/10/18 LICENSE NO. 44263

ISSUE/SUBMITTAL SUMMARY

| DATE | DESCRIPTION |
|----------|-------------------------|
| 07/09/18 | CITY SUBMITTAL |
| 08/10/18 | CITY RESUBMITTAL |
| 08/19/18 | COUNTY TECHNICAL REVIEW |
| 10/19/18 | CITY RESUBMITTAL |
| 10/22/18 | CITY RESUBMITTAL |

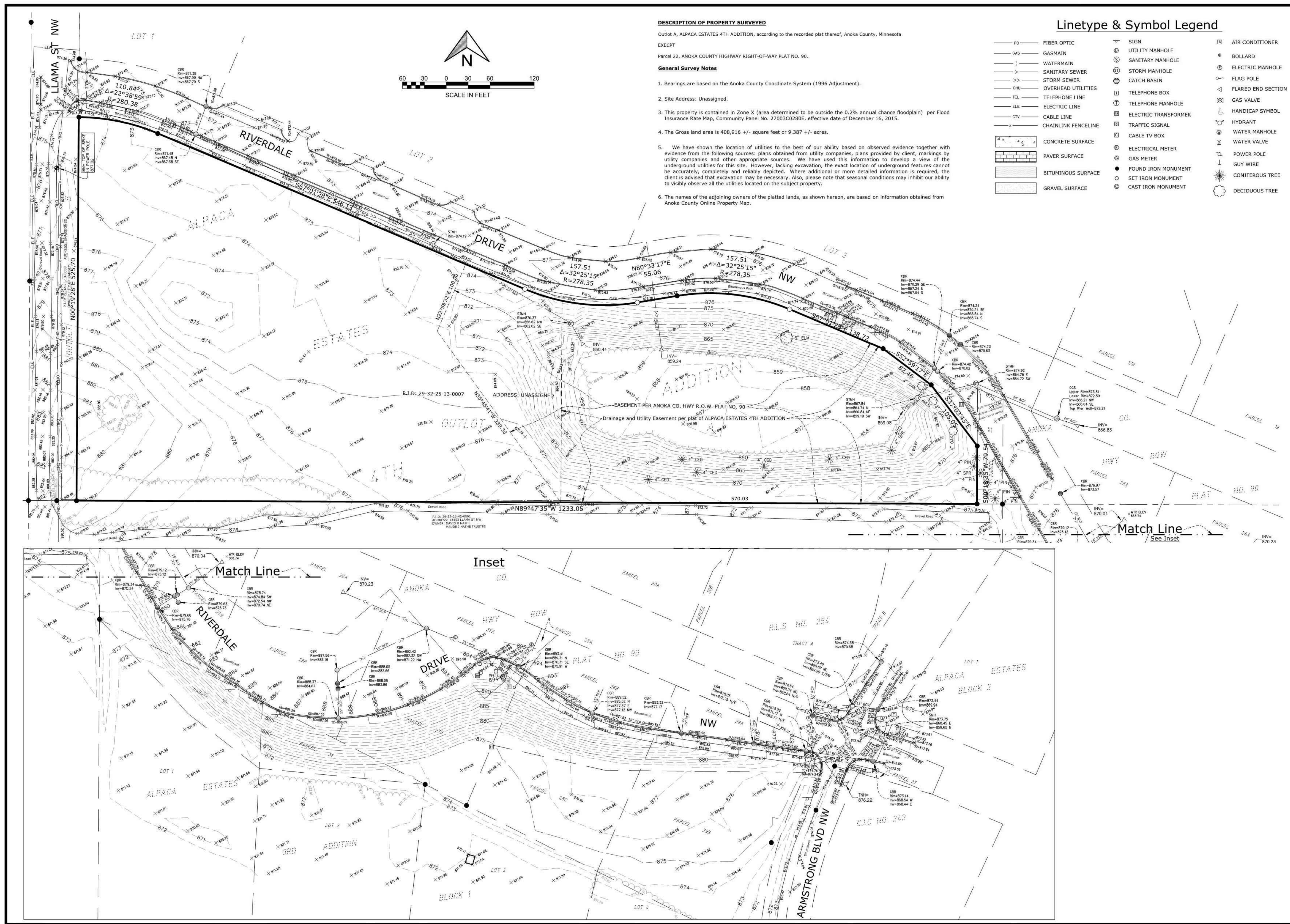
REVISION SUMMARY

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |

PROJECT NUMBER: 18213

SWPPP - ATTACHMENTS

SW1.5



DESCRIPTION OF PROPERTY SURVEYED
 Duffel A, ALPACA ESTATES 4TH ADDITION, according to the recorded plat thereof, Anoka County, Minnesota
 EXCEPT
 Parcel 22, ANOKA COUNTY HIGHWAY RIGHT-OF-WAY PLAT NO. 90.

General Survey Notes

1. Bearings are based on the Anoka County Coordinate System (1996 Adjustment).
2. Site Address: Unassigned.
3. This property is contained in Zone X (area determined to be outside the 0.2% annual chance floodplain) per Flood Insurance Rate Map, Community Panel No. 27003C0280E, effective date of December 16, 2015.
4. The Gross land area is 408,916 +/- square feet or 9.387 +/- acres.
5. We have shown the location of utilities to the best of our ability based on observed evidence together with evidence from the following sources: plans obtained from utility companies; plans provided by client; markings by utility companies and other appropriate sources. We have used this information to develop a view of the underground utilities for this site. However, lacking excavation, the exact location of underground features cannot be accurately, completely and reliably depicted. Where additional or more detailed information is required, the client is advised that excavation may be necessary. Also, please note that seasonal conditions may inhibit our ability to visibly observe all the utilities located on the subject property.
6. The names of the adjoining owners of the platted lands, as shown herein, are based on information obtained from Anoka County Online Property Map.

Linetype & Symbol Legend

| | | | | | |
|----|---------------------|---|----------------------|---|--------------------|
| FO | FIBER OPTIC | ⊕ | SIGN | ⊠ | AIR CONDITIONER |
| — | GAS | ⊙ | UTILITY MANHOLE | ⊙ | BOLLARD |
| — | GASMAIN | ⊙ | SANITARY MANHOLE | ⊙ | ELECTRIC MANHOLE |
| — | WATERMAIN | ⊙ | STORM MANHOLE | ⊙ | FLAG POLE |
| — | SANITARY SEWER | ⊙ | CATCH BASIN | ⊙ | FLARED END SECTION |
| — | STORM SEWER | ⊙ | TELEPHONE BOX | ⊙ | GAS VALVE |
| — | OVERHEAD UTILITIES | ⊙ | TELEPHONE MANHOLE | ⊙ | HANDICAP SYMBOL |
| — | TELEPHONE LINE | ⊙ | ELECTRIC TRANSFORMER | ⊙ | HYDRANT |
| — | ELECTRIC LINE | ⊙ | TRAFFIC SIGNAL | ⊙ | WATER MANHOLE |
| — | CABLE LINE | ⊙ | CABLE TV BOX | ⊙ | WATER VALVE |
| — | CHAINLINK FENCELINE | ⊙ | ELECTRICAL METER | ⊙ | POWER POLE |
| — | CONCRETE SURFACE | ⊙ | GAS METER | ⊙ | GUY WIRE |
| — | PAVER SURFACE | ⊙ | FOUND IRON MONUMENT | ⊙ | CONIFEROUS TREE |
| — | BITUMINOUS SURFACE | ⊙ | SET IRON MONUMENT | ⊙ | DECIDUOUS TREE |
| — | GRAVEL SURFACE | ⊙ | CAST IRON MONUMENT | | |



PROJECT
 Lazydays of Minneapolis
 Llama St NW & Riverdale Dr NW - Ramsey, Anoka County, Minnesota

CLIENT
 RJ Ryan Construction
 1100 Mendota Heights Road - Mendota Heights, MN

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA.

RORY L. SWYSTELIEN
 DATE: 09/14/2018 LICENSE NO. 44565



REVISION SUMMARY

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |

PROJECT NO. 18211

BOUNDARY/ TOPOGRAPHIC SURVEY

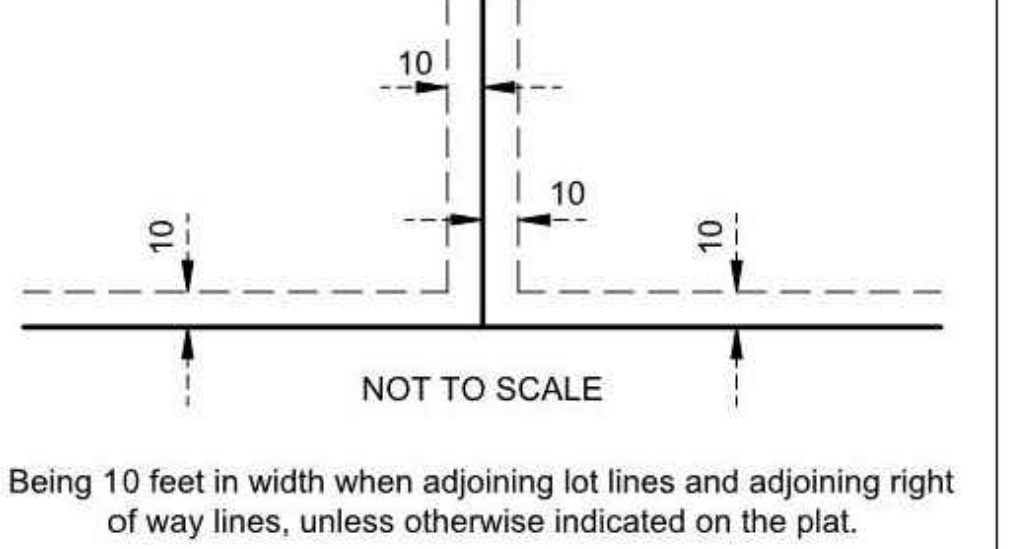
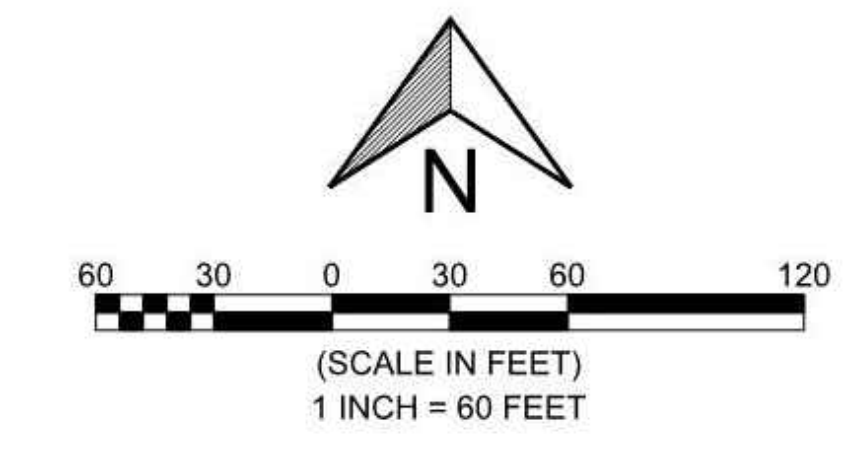
V1.0

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LAZYDAYS

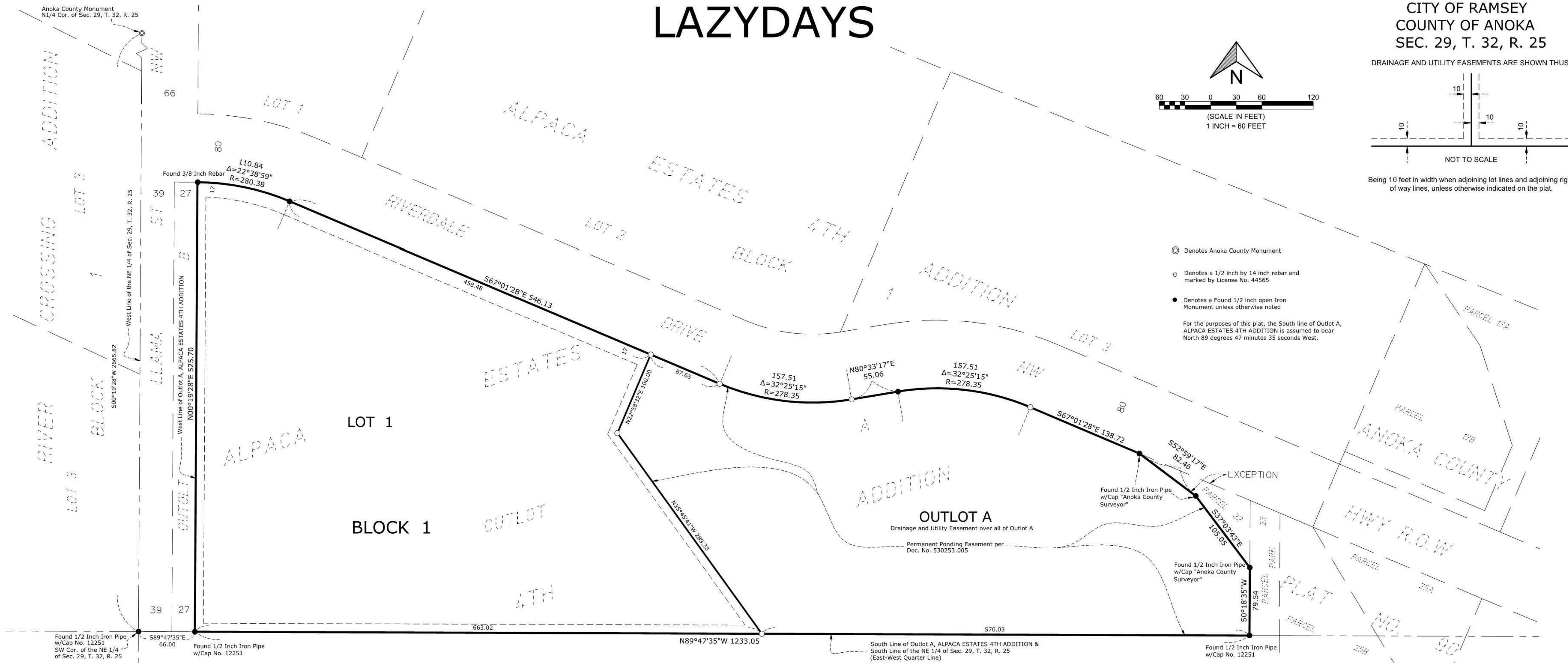
CITY OF RAMSEY
COUNTY OF ANOKA
SEC. 29, T. 32, R. 25

DRAINAGE AND UTILITY EASEMENTS ARE SHOWN THUS:



- ⊙ Denotes Anoka County Monument
- Denotes a 1/2 inch by 14 inch rebar and marked by License No. 44565
- Denotes a Found 1/2 inch open Iron Monument unless otherwise noted

For the purposes of this plat, the South line of Outlot A, ALPACA ESTATES 4TH ADDITION is assumed to bear North 89 degrees 47 minutes 35 seconds West.



KNOW ALL PERSONS BY THESE PRESENTS: That Lazydays of Minneapolis, LLC, a Delaware limited liability company, owner of the following described property:

Outlot A, ALPACA ESTATES 4TH ADDITION, according to the recorded plat thereof, Anoka County, Minnesota

EXCEPT

Parcel 22, ANOKA COUNTY HIGHWAY RIGHT-OF-WAY PLAT NO. 90.

Has caused the same to be surveyed and platted as LAZYDAYS and does hereby dedicate to the public for public use the drainage and utility easements as shown on this plat.

In witness whereof said Lazydays of Minneapolis, LLC, a Delaware limited liability company, has caused these presents to be signed by its proper officer this

_____ day of _____, 20__.

Signed: Lazydays of Minneapolis, LLC

_____(Signature)

_____(Print Name) _____(Title)

STATE OF MINNESOTA
COUNTY OF _____

This instrument was acknowledged before me this _____ day of _____, 20__

by _____(Title)
of Lazydays of Minneapolis, LLC, a Delaware limited liability company.

_____(Signature)

_____(Print Name)

Notary Public, _____ County, Minnesota

My commission expires _____

SURVEYORS CERTIFICATE

I Rory L. Synsteliën do hereby certify that this plat was prepared by me or under my direct supervision; that I am a duly Licensed Land Surveyor in the State of Minnesota; that this plat is a correct representation of the boundary survey; that all mathematical data and labels are correctly designated on the plat; that all monuments depicted on this plat have been, or will be correctly set within one year; that all water boundaries and wet lands, as defined in Minnesota Statutes, Section 505.01, Subd. 3, as of the date of this certificate are shown and labeled on this plat; and all public ways are shown and labeled on this plat.

Dated this _____ day of _____, 20__.

Rory L. Synsteliën, Licensed Land Surveyor
Minnesota License No. 44565

STATE OF MINNESOTA
COUNTY OF _____
This instrument was acknowledged before me this _____ day of _____, 20__
by Rory L. Synsteliën.

_____(Signature)

_____(Print Name)

Notary Public, _____ County, Minnesota

My commission expires _____

CITY COUNCIL

City Council, City of Ramsey, Minnesota

This plat of LAZYDAYS was approved and accepted by the City Council of the City of Ramsey, Minnesota at a regular meeting thereof held this _____ day of _____, 20__ and said plat is in compliance with the provisions of Minnesota Statutes, Section 505.03, Subd. 2.

City Council, City of Ramsey, Minnesota

By: _____
Mayor

By: _____
Clerk

COUNTY SURVEYOR

I hereby certify that in accordance with Minnesota Statutes, Section 505.021, Subd. 11, this plat has been reviewed and approved this _____ day of _____, 20__.

By: _____
Charles F. Gitzen
Anoka County Surveyor

COUNTY AUDITOR/TREASURER

Pursuant to Minnesota Statutes, Section 505.021, Subd. 9, taxes payable in the year 20__ on the land hereinbefore described have been paid. Also, pursuant to Minnesota Statutes, Section 272.12, there are no delinquent taxes and transfer entered this _____ day of _____, 20__.

Property Tax Administrator

By _____, Deputy

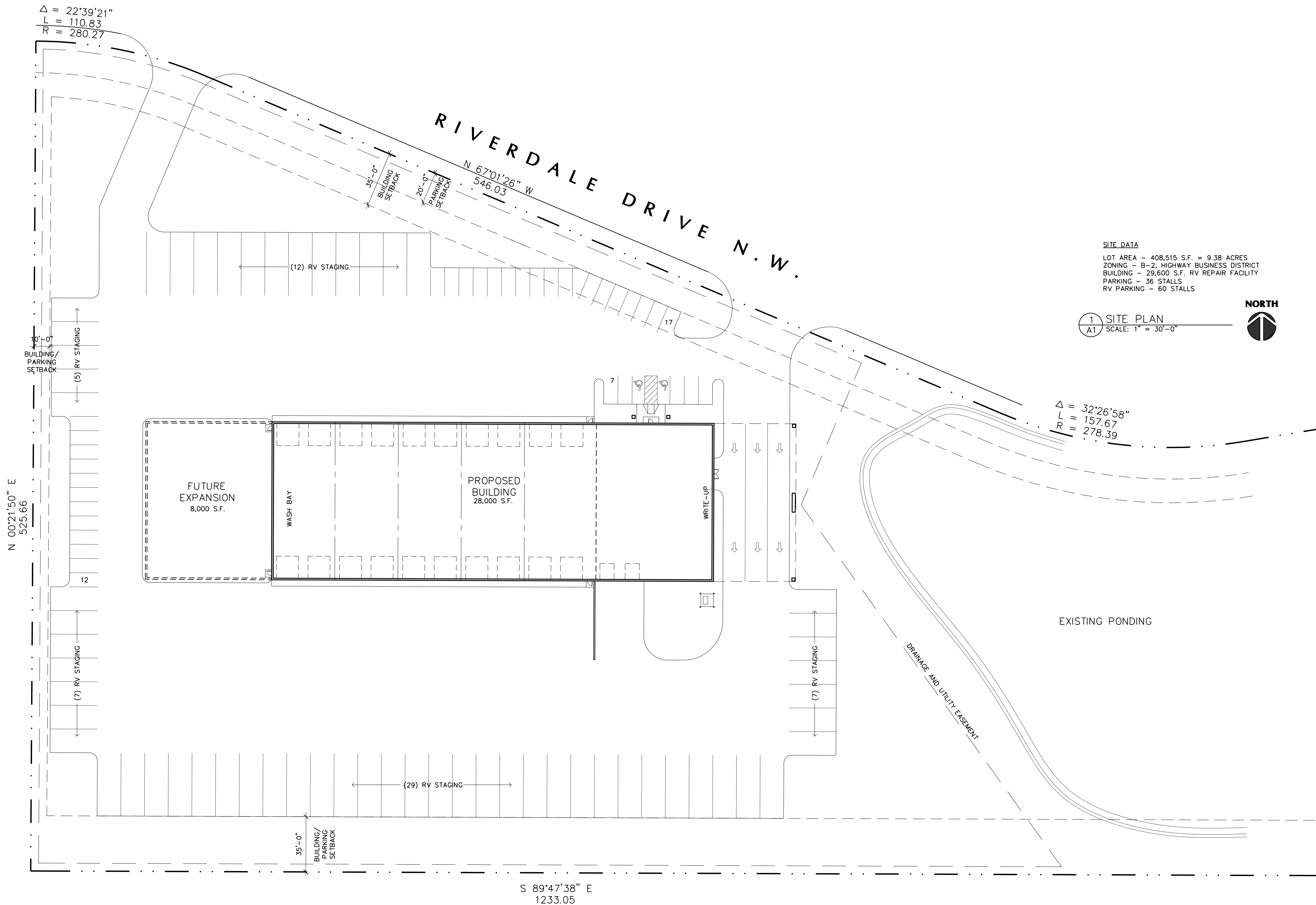
COUNTY RECORDER/REGISTRAR OF TITLES

County of Anoka, State of Minnesota

I hereby certify that this plat of LAZYDAYS was filed in the office of the County Recorder/Registrar of Titles for public record on this _____ day of _____, 20__ at _____ o'clock _____ M. and was duly recorded as Document Number _____.

County Recorder/Registrar of Titles

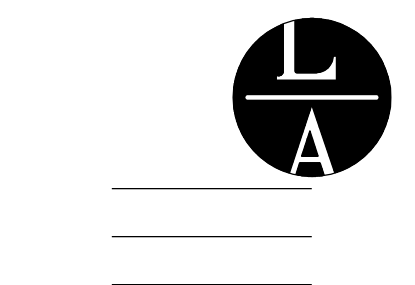
By _____, Deputy



SITE DATA

LOT AREA - 408,515 S.F. = 9.38 ACRES
 ZONING - B-2, HIGHWAY BUSINESS DISTRICT
 BUILDING - 29,600 S.F. RV REPAIR FACILITY
 PARKING - 36 STALLS
 RV PARKING - 60 STALLS

1 SITE PLAN
 A1 SCALE: 1" = 30'-0"



LAMPERT ARCHITECTS

420 Summit Avenue
 St. Paul, MN 55102
 Phone: 763.755.1211 Fax: 763.757.2848
 lampert@lampert-arch.com

ARCHITECT CERTIFICATION:
 I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRELIMINARY NOT FOR CONSTRUCTION



Commercial Design and Construction
 1100 Mendota Heights Road
 Mendota Heights, MN 55120
 Ph: 651-681-0200
 Fax: 651-681-0235

LAZYPOLIS OF MINNEAPOLIS
 Ramsey, Minnesota

Copyright 2018
 Leonard Lampert Architects Inc.
 Project Designer: JAMES B
 Drawn By: JRB
 Checked By: LL

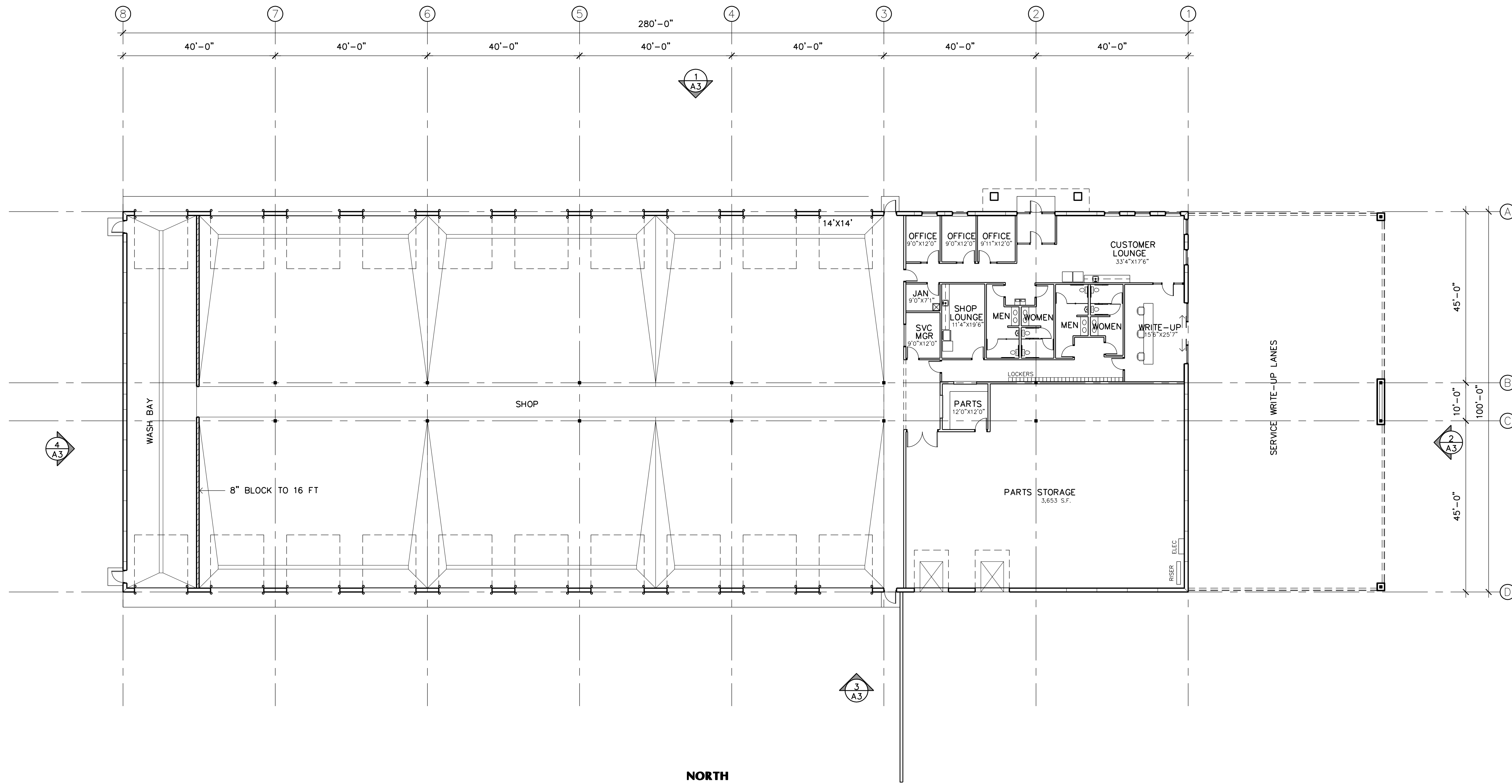
Revisions

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| 7/6/18 | CITY SUBMITTAL |
| 8/14/18 | PRELIMINARY |
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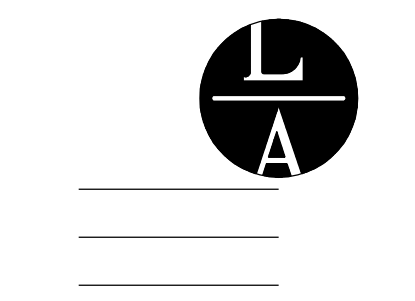
SITE PLAN

Sheet Number

A1



1 FLOOR PLAN
A2 SCALE: 1/16" = 1'-0"



LAMPERT ARCHITECTS

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lampert@lampert-arch.com

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LAZYDAYS OF MINNEAPOLIS
Ramsey, Minnesota

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Project Designer: JAMES B
Drawn By: JRB
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Revisions

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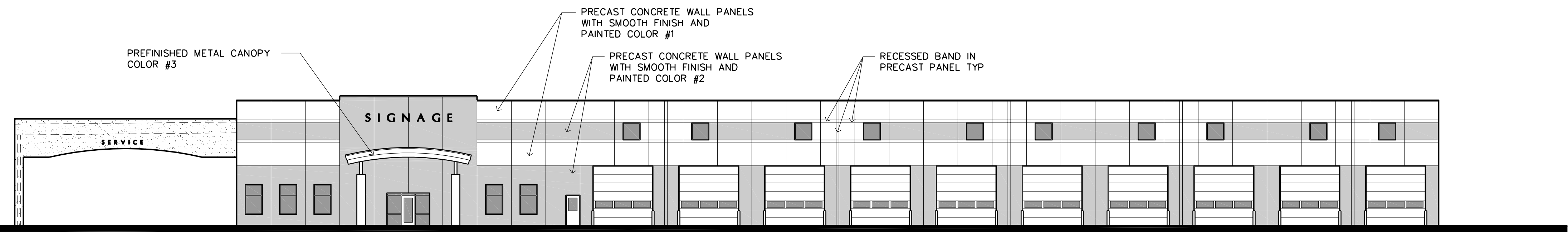
FLOOR PLAN

Sheet Number

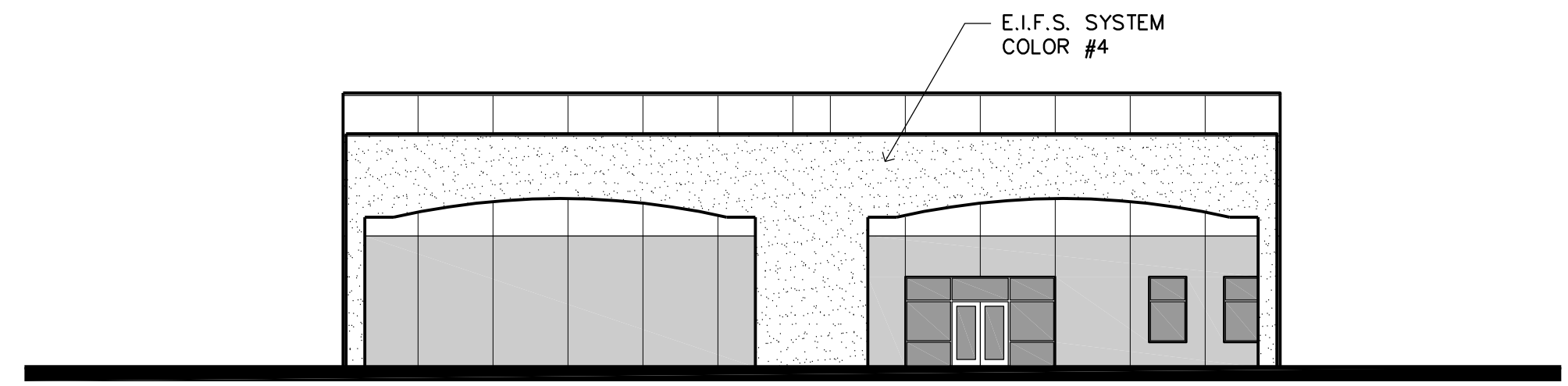
A2

TOP OF PRECAST
EL. = 129'-0"
TOP OF CANOPY
EL. = 124'-8"

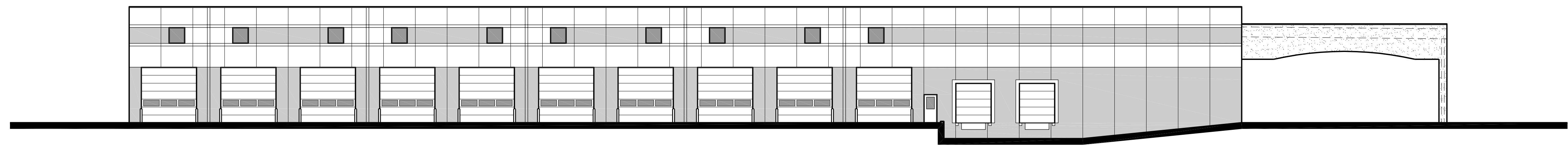
FINISHED FLOOR
EL. = 100'-0"



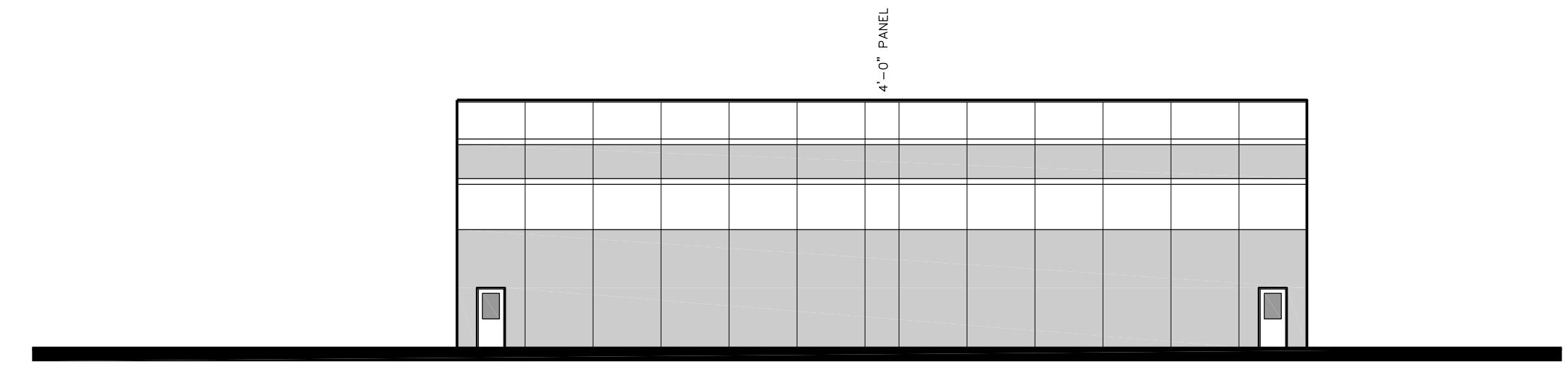
1 NORTH ELEVATION
A3 SCALE: 1/16" = 1'-0"



2 EAST ELEVATION
A3 SCALE: 1/16" = 1'-0"

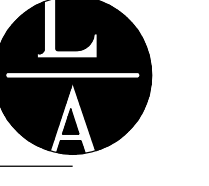


3 SOUTH ELEVATION
A3 SCALE: 1/16" = 1'-0"



4 WEST ELEVATION
A3 SCALE: 1/16" = 1'-0"

Filename: LAZYDAYS OF MINNEAPOLIS\LAZYDAYS OF MINNEAPOLIS-A3



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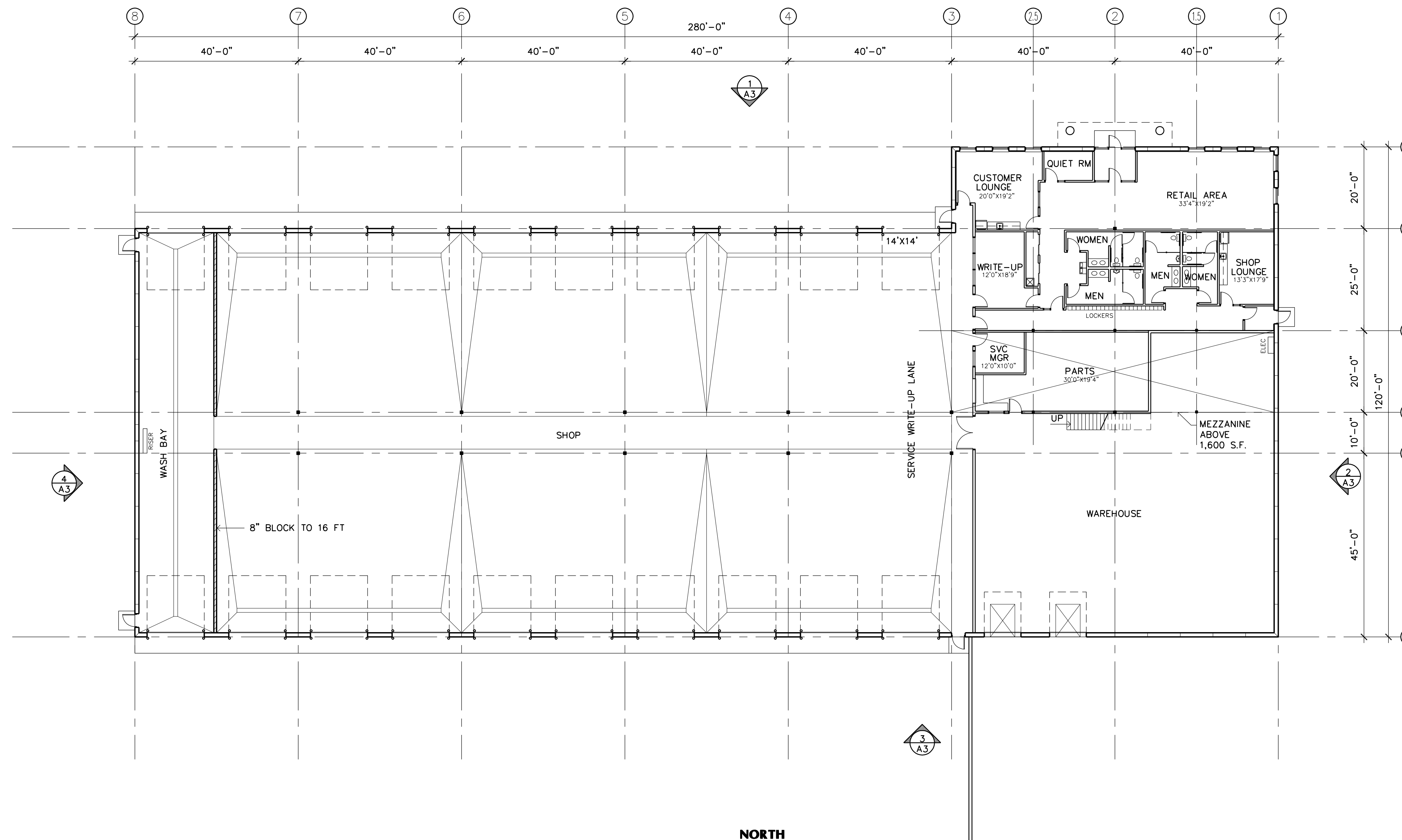
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BUILDING ELEVATIONS

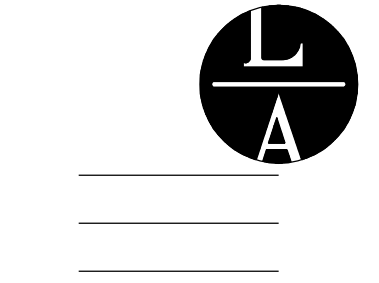
Sheet Number

A3

Project No. 180621-3



1 FLOOR PLAN
A2 SCALE: 1/16" = 1'-0"



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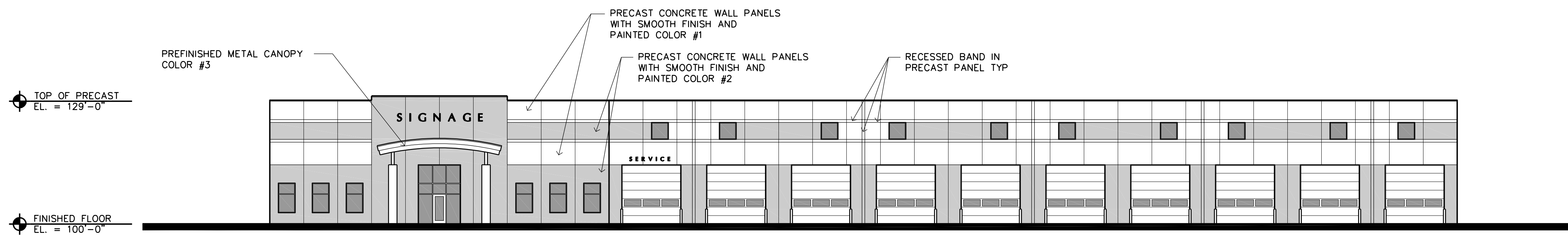
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FLOOR PLAN

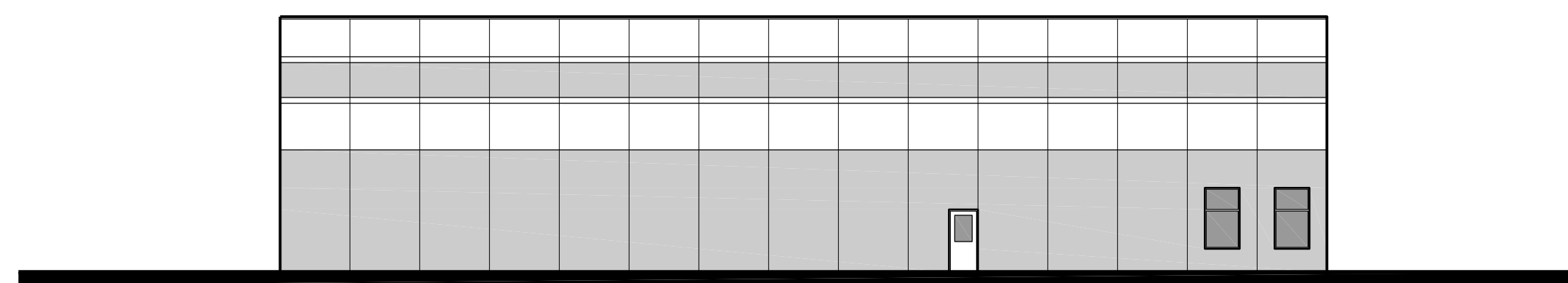
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A2

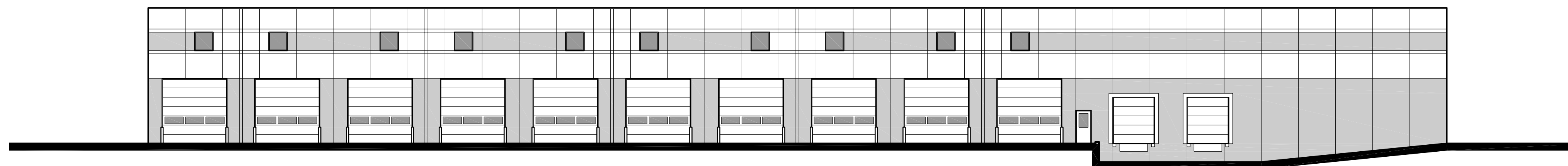
Project No. 180621-3



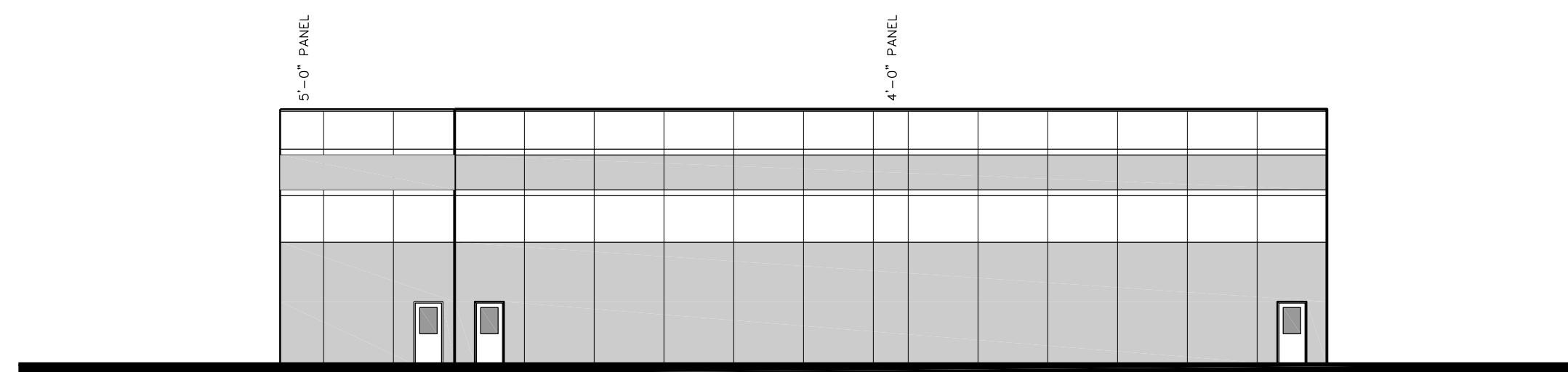
1 NORTH ELEVATION
A3 SCALE: 1/16" = 1'-0"



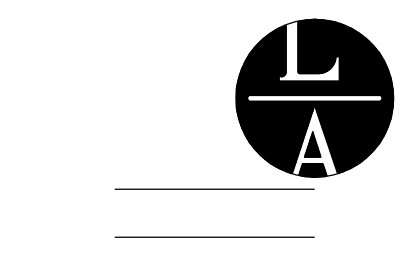
2 EAST ELEVATION
A3 SCALE: 1/16" = 1'-0"



3 SOUTH ELEVATION
A3 SCALE: 1/16" = 1'-0"



4 WEST ELEVATION
A3 SCALE: 1/16" = 1'-0"



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BUILDING ELEVATIONS

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A3

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