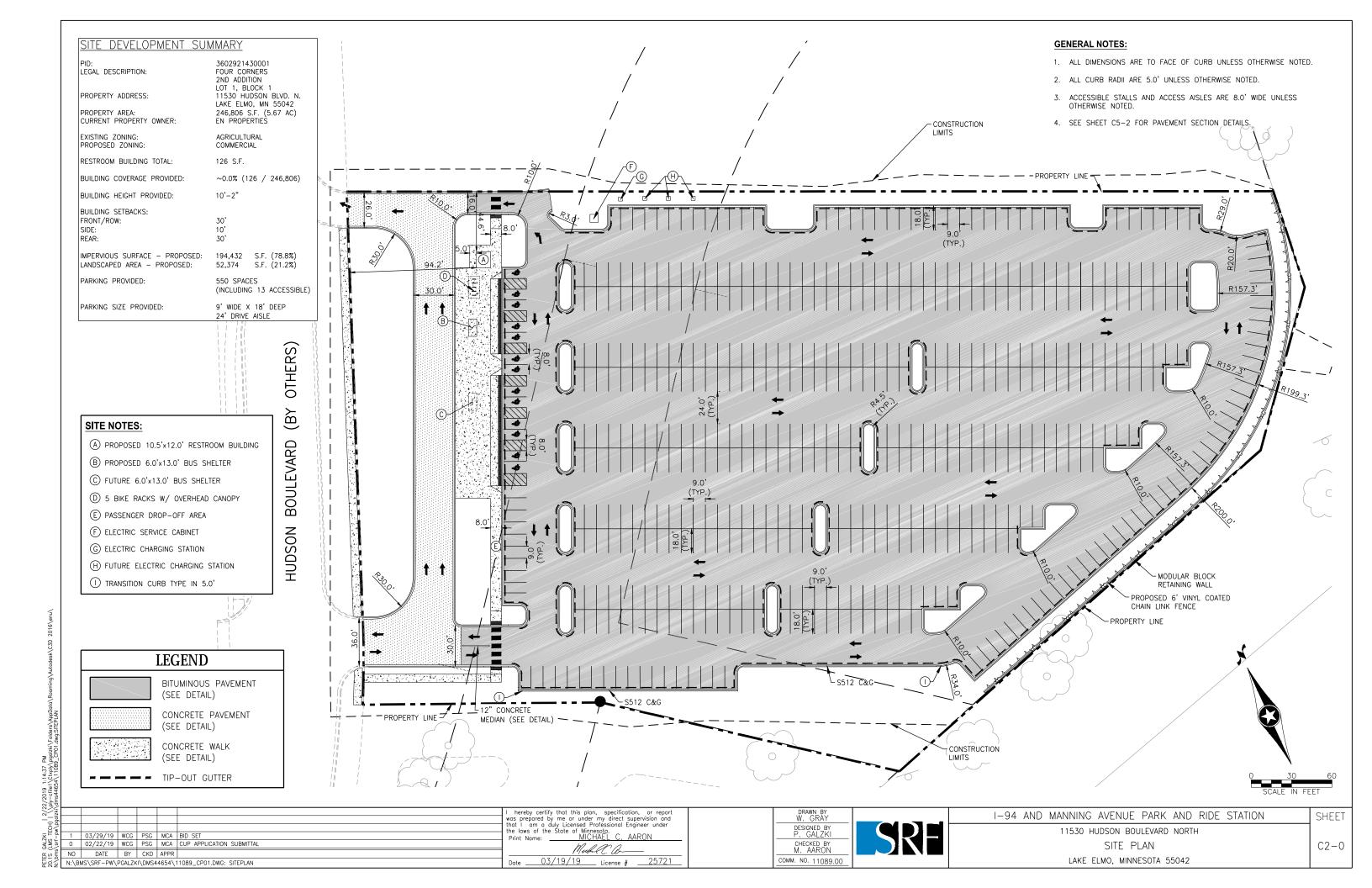
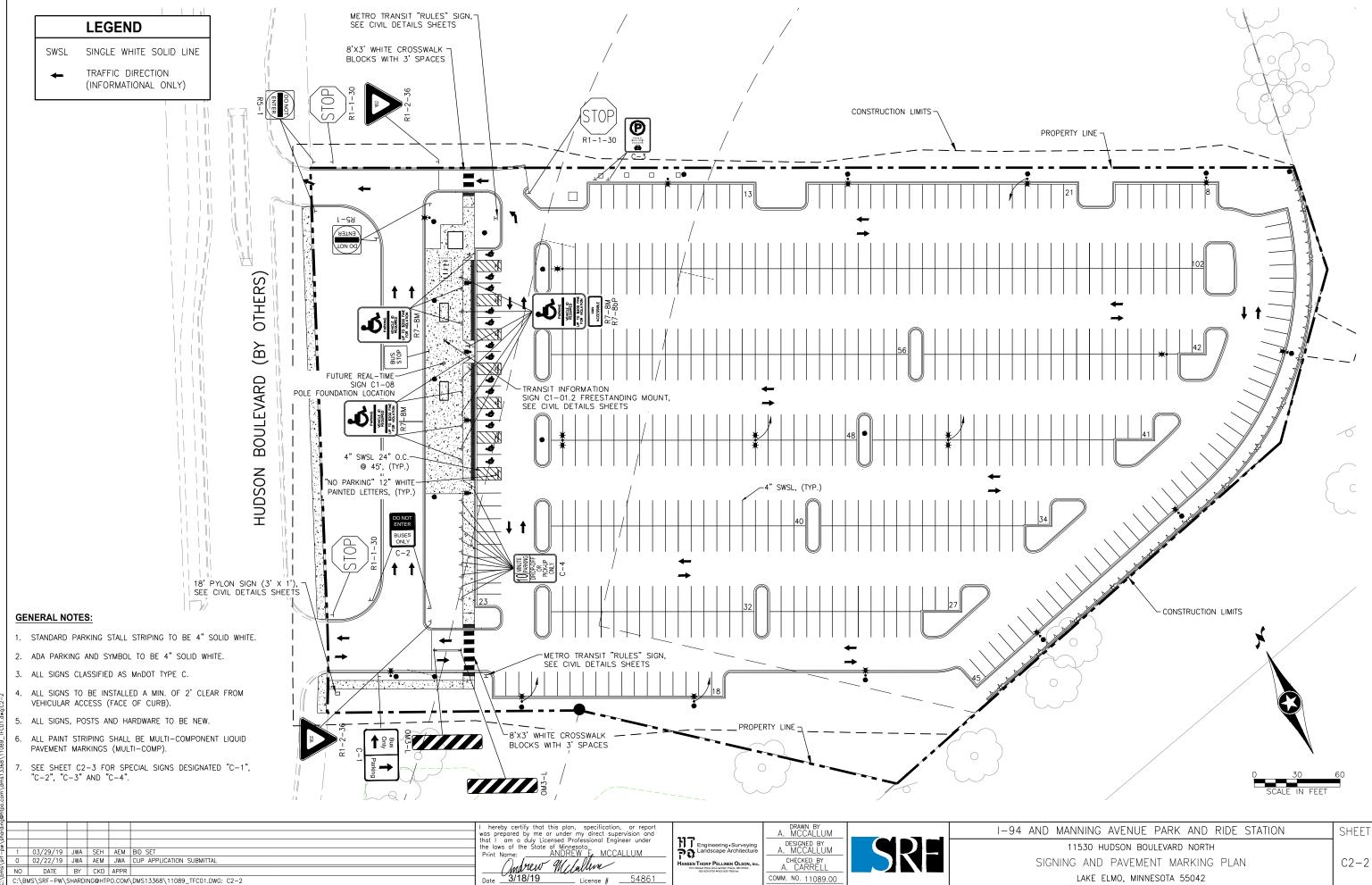


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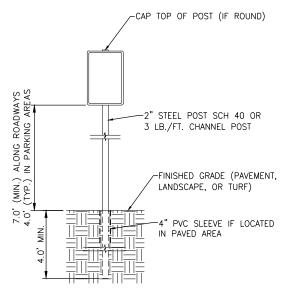
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COMM. NO. 11089.00

LAKE ELMO, MINNESOTA 55042

NO DATE BY CKD APPR

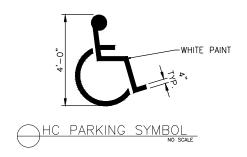
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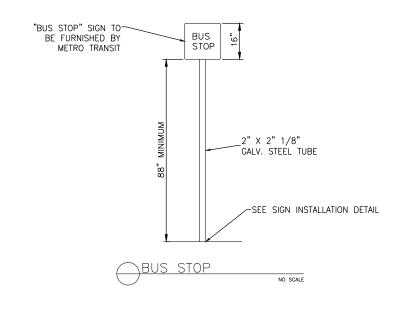


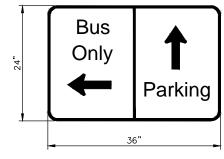
# NOTE:

- 1. ALL STEEL SHALL BE GALVANIZED.
- SIGNAGE INSTALLATION SHALL CONFORM TO MnDOT SPEC. 2564





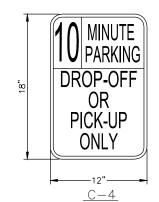




C-1

BLACK LETTERING AND ARROWS COLOR: WITH WHITE BACKGROUND

LETTER HEIGHT: 3"



NOTE: R7-108 SIGN LAYOUT COLOR: GREEN LETTERING WITH WHITE BACKGROUND

LETTER HEIGHT: 3"

Parking for Electric Vehicle Charging Only 

DO NOT

**ENTER** 

**BUSES** 

**ONLY** 

<u>C-2</u>

WHITE LETTERING WITH BLACK BACKGROUND AND

BLACK LETTERING WITH WHITE BACKGROUND

COLOR:

LETTER HEIGHT: 3"

NOTE: ARTWORK IS PROVIDED BY METRO TRANSIT

SIGN DIMENSIONS

NO SCALE

### **GENERAL NOTES:**

- 1. SIGNS SHALL CONFORM TO MUTCD STANDARD LETTER HEIGHTS.
- 2. THE CONTRACTOR SHALL REFERENCE MNDOT SIGN DETAILS AS THE DESIGN STANDARD FOR INSTALLATION OF "SPECIAL SIGNS".
- 3. MOUNT SIGNS IN ACCORDANCE WITH MANUFACTURE'S INSTRUCTIONS.

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ا≒ن							I hereby certify that this plan, specification, or report
_ ē							was prepared by me or under my direct supervision and
5.₹							that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
٩	1	03/29/19	JWA	SEH	AEM	BID SET	Print Name: ANDREW E. MCCALLUM
S E	0	02/22/19	JWA	AEM	JWA	CUP APPLICATION SUBMITTAL	5 /
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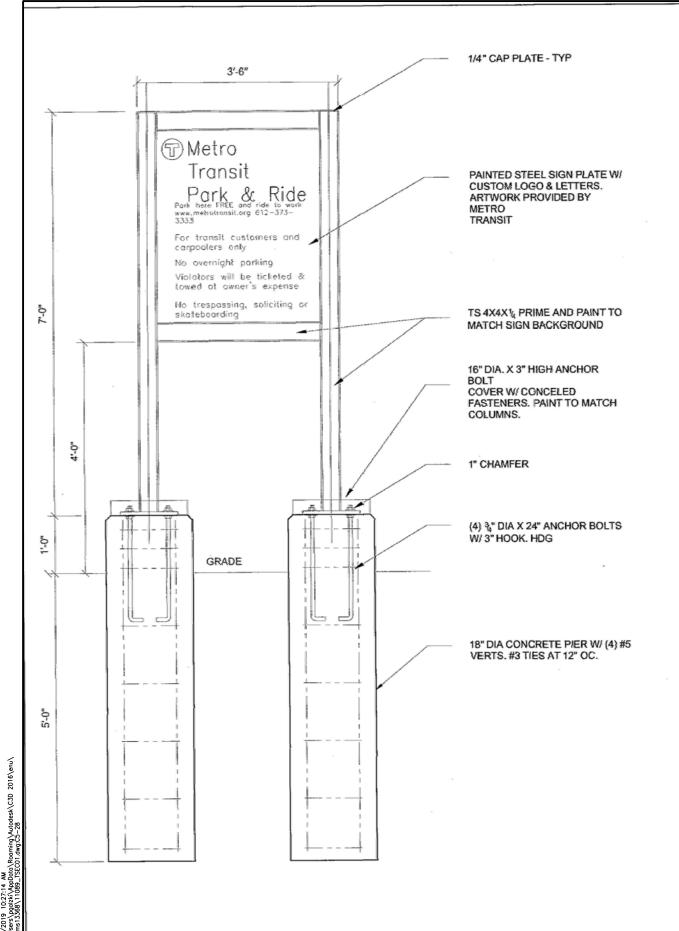




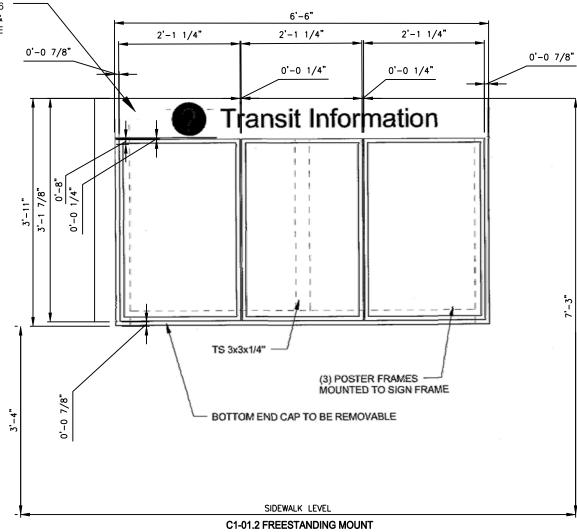
I-94 AND MANNING AVENUE PARK AND RIDE STATION 11530 HUDSON BOULEVARD NORTH SIGNING AND PAVEMENT MARKING DETAILS LAKE ELMO, MINNESOTA 55042

C2 - 3

SHEET



76"x 8" <sup>1</sup>/<sub>8</sub>" FLAT SIGN S-16 PAINTED BACKGROUND & GRAPHICS. ADHERE



## MONUMENT / PILLAR SIGN

DESCRIPTION: 2 SIDED INTERNALLY ACRYLIC FACE .090 ALUMINUM SURROUND FRAME.

ALUMINUM FRAMES SIGN, PAINTED IN 2 PART CATALYZED PPG DURANAR OR EQUAL, ALL CORNER JOINTS ARE WELDED AND GROUND SMOOTH. FASTENERS SHALL MATCH FRAME COLOR.

TYPOGRAPHY: EPS LAYOUT TO BE SUPPLIED BY OWNER, VACUUM FORMED FACE LETTERING SHAUL BE UP TO 1/4" DEPTH.

COLOR: SIGN FRAME COLORS TO BE DETERMINED BY OWNER, SEE SPECIFICATIONS FOR SIGN FACE COLORS.

SHOP DRAWINGS: SHOP DRAWINGS AND COLOR SAMPLES SHALL BE APPROVED BY OWNERS REPRESENTATIVE PRIOR TO ANY PRODUCTION.

QUANTITY: 1 EACH

## COLOR SPECIFICATIONS

COLORS: SIGNAGE COLORS ARE RED, BLUE, YELLOW, AND WHITE. THE APPROPRIATE PAINT USED ON ANY SIGN MUST EXACTLY MATCH THE FOLLOWING 3M VINYL COLORS.



RED - 3M SCGTCHCAL 220 FILM, GERANIUM BLUE - 3M SCGTCHCAL 220 FILM, SAPPHIRE BLUE YELLOW - 3M SCGTCHCAL 220 FILM, SUNFLOWER WHITE - 3M SCGTCHCAL 220 FILM, GLOSS WHITE

GRAPHICS MATERIAL AND SIGN FABRICATION: BACKGROUND COLOR MUST BE POLYURETHANE ACRYLIC PAINT, WITH A NON-GLARE FINISH, GRAPHICS AND TEXT MUST BE 3M SCOTCHCAL 229 Film.

ALL SIGN EDGES MUST BE DEDURRED AND SMOOTHED.

FINAL COLORS AND ARTWORK TO BE PROVIDED BY CAR.

1 03/29/19 WCG PSG MCA BID SET 0 02/22/19 WCG PSG MCA CUP APPLICATION SUBMITTAL NO DATE BY CKD APPR
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I-94 AND MANNING AVENUE PARK AND RIDE STATION

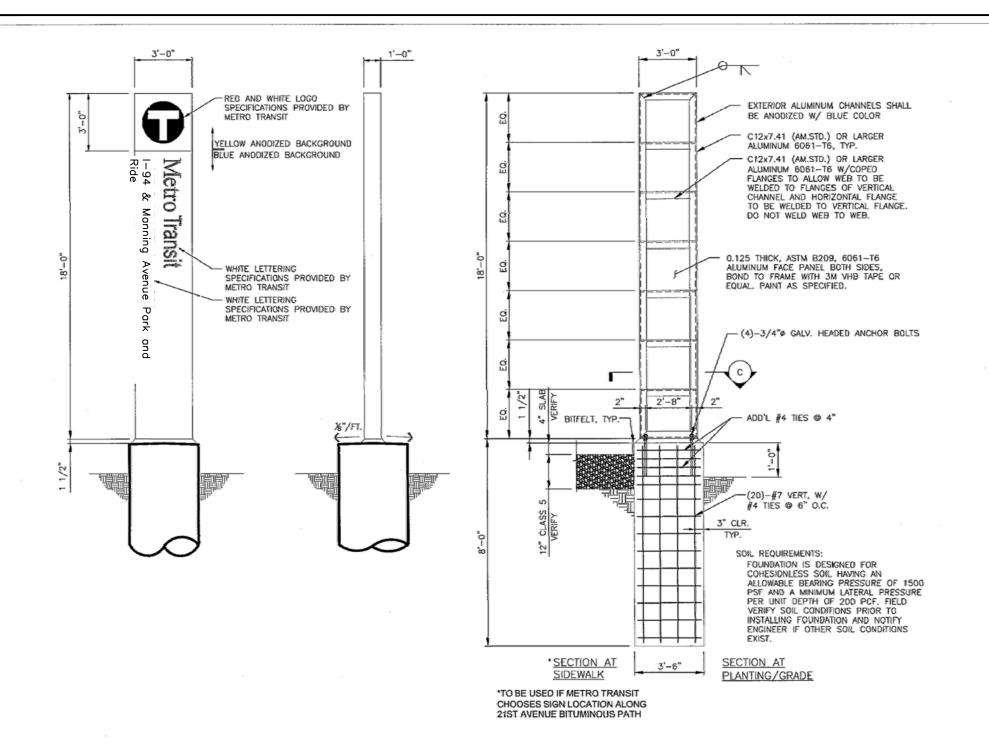
11530 HUDSON BOULEVARD NORTH CIVIL DETAILS

COMM. NO. 11089.00

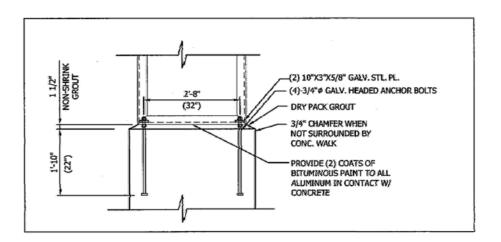
LAKE ELMO, MINNESOTA 55042

C5-28

SHEET



(20)-#7 VERTICALS #4 TIES @ 12" O.C., (4) TIES @ 4" @ TOP (2) 10"X3"X5/8" GALV. STL. PL. (4)-3/4" GALV. HEADED ANCHOR BOLTS (32")



- 1. SIGN PANELS ARE DOUBLE FACED. (2 FACES TOTAL PER SIGN).
- ONLY ONE METHOD OF LETTERING (PAINTED OR APPLIED VINYL) WILL BE ALLOWED PER SIGN TYPE, EXCEPT FOR ROUTE NUMBERS AND GATE LETTERS, WHICH SHALL BE APPLIED VINYL IN ALL APPLICATIONS. EXCEPT FOR THE VINYL ROUTE NUMBERS AND GATE LETTERS, ALL LETTERING LOWER THAN 8' ABOVE FINISHED GRADE SHALL BE PAINTED. EXCEPT FOR THE VINYL ROUTE NUMBERS AND GATE LETTERS, LETTERING HIGHER THAN 8' ABOVE FINISHED GRADE SHALL BE EITHER APPLIED VINYL OR PAINTED ONTO THE ALUMINUM PANELS AT THE CONTRACTOR'S OPTION.
- 3. ATTACH FACILITY SIGN TO SIGN FRAME USING A DOUBLE BEAD OF "3M VHB TAPE" OR EQUAL TO ISOLATE ALUMINUM PLATE FROM STEEL HSS MEMBER.
- 4. PAINT TOP COAT SHALL BE ACRYLIC POLYURETHANE AS SPECIFIED, COLORS PER METRO TRANSIT STANDARDS.
- FOR INSTALLATION IN EXISTING CONCRETE PAVEMENT, CUT & REMOVE CONCRETE SIDEWALK TO THE NEAREST CONSTRUCTION JOINT AND A MINIMUM
- CONSTRUCT SONOTUBE FOUNDATION AS SHOWN. REMOVE EXPOSED SONOTUBE AFTER CONCRETE IS CURED.
- 7. RECOMPACT CLASS 5 TO 98% STD. PROCTOR EFFECT.
- 8. PROVIDE GRAFITI COATING AS SPECIFIED.

4000 PSI W/ 6.0% AIR ± 1.0%

90 MPH 30 PSF WITH

1/2" RADIAL ICE.

60,000 PSt

STRUCTURAL STEEL SHALL BE GRADE 36.

DESIGN NOTES:

REINFORCEMENT:

WIND SPEED = DESIGN WIND PRESSURE =

CAST-IN PLACE CONCRETE

ALUMINUM CHANNELS AND TUBES SHALL BE 6061-T6.

MONUMENT / PILLAR SIGN DESCRIPTION: 2 SIDED INTERNALLY ACRYLIC FACE .090 ALUMINUM SURROUND FRAME.

ALUMINUM FRAMES SIGN. PAINTED IN 2 PART CATALYZED PPG DURANAR OF EQUAL ALL CORNER JOINTS ARE WELDED AND GROUND SMOOTH. FASTENERS SHALL MATCH FRAME COLOR.

SHOP DRAWINGS: SHOP DRAWINGS AND COLOR SAMPLES SHALL BE APPROVED BY OWNERS REPRESENTATIVE PRIOR TO ANY PRODUCTION. QUANTITY: 1 EACH

COLOR SPECIFICATIONS

COLORS: SIGNAGE COLORS ARE RED, BLUE, YELLOW, AND WHITE. THE APPROPRIATE PAINT USED ON ANY SIGN MUST EXACTLY MATCH THE FOLLOWING 3M VINYL COLORS.



RED - 3M SCOTCHCAL 220 FILM, GERANIUM BLUE - 3M SCOTCHCAL 220 FILM, SAPPHIRE BLUE YELLOW - 3M SCOTCHCAL 220 FILM, SUNFLOWER WHITE - 3M SCOTCHCAL 220 FILM, GLOSS WHITE

GRAPHICS IMATERIAL AND SIGN FABRICATION: BACKGROUND COLOR MUST BE POLYURETHANE ACRYLIC PAINT, WITH A NON-GLARE FINISH: GRAPHICS AND TEXT MUST BE 3M SCOTCHCAL 220 FILM.

ALL SIGN EDGES MUST BE DEDURRED AND SMOOTHED FINAL COLORS AND ARTWORK TO BE PROVIDED BY CAR.

1 03/29/19 WCG PSG MCA BID SET 0 02/22/19 WCG PSG MCA CUP APPLICATION SUBMITTAL NO DATE BY CKD APPR N:\BMS\SRF-PW\PGALZKI\DMS13368\11089\_TSEC01.DWG: C5-29

COMM. NO. 11089.00

I-94 AND MANNING AVENUE PARK AND RIDE STATION 11530 HUDSON BOULEVARD NORTH CIVIL DETAILS

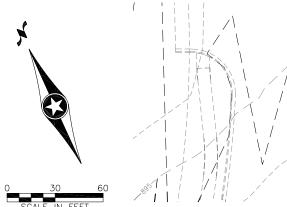
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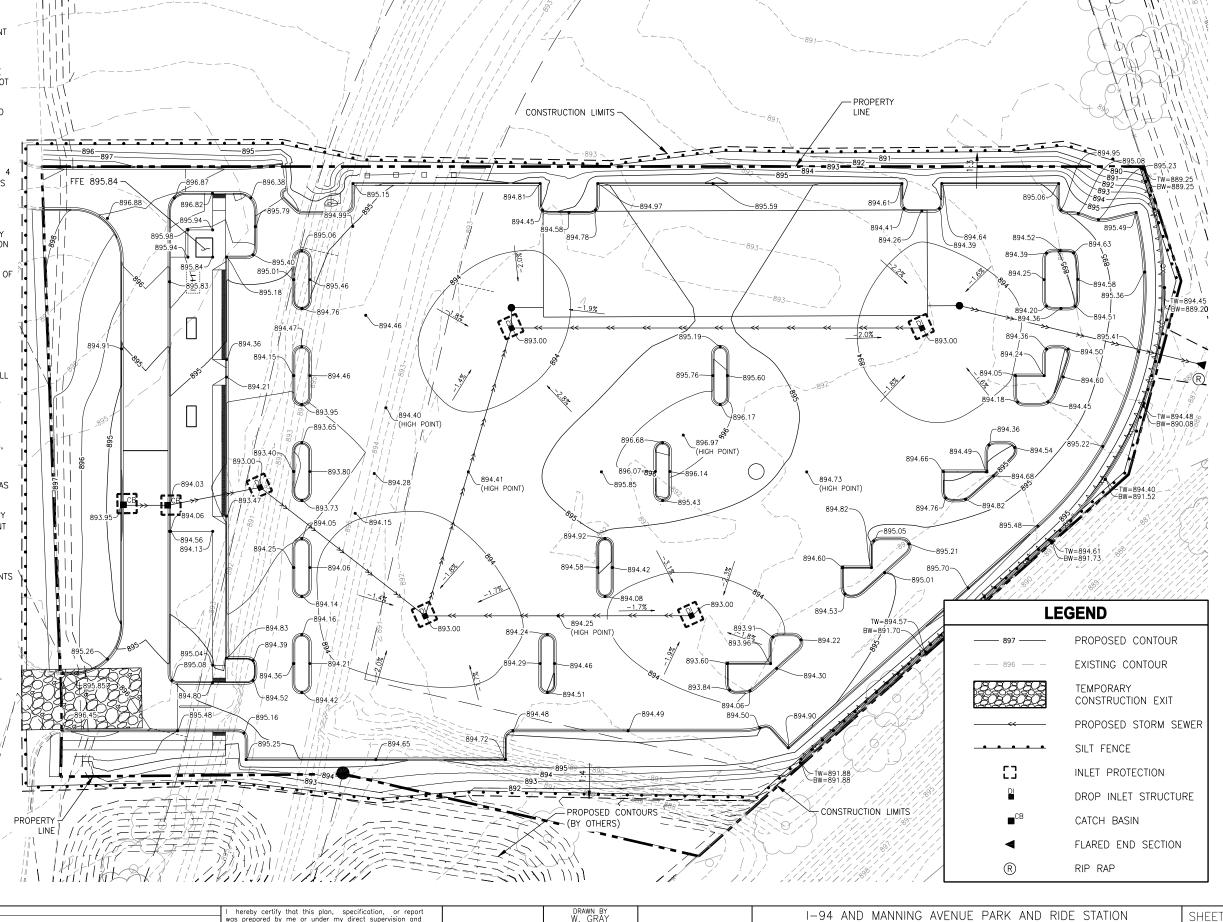
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LAKE ELMO, MINNESOTA 55042

## **GENERAL NOTES:**

- 1. SPOT ELEVATIONS REPRESENT FINISHED SURFACE GRADES, GUTTER/FLOW LINE, FACE OF BUILDING, OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- 2. CATCH BASINS AND MANHOLES IN PAVED AREAS SHALL BE SUMPED 0.04 FEET. ALL CATCH BASINS IN GUTTERS SHALL BE SUMPED 0.16 FEET. RIM ELEVATIONS SHOWN ON PLANS DO NOT RFFLECT SUMPED ELEVATIONS.
- GRADING OF THE INFILTRATION AREAS SHALL BE ACCOMPLISHED USING LOW-IMPACT EARTH-MOVING EQUIPMENT TO PREVENT COMPACTION OF THE UNDERLYING SOILS. SMALL TRACKED DOZERS AND BOBCATS WITH RUNNER TRACKS ARE RECOMMENDED.
- 4. ALL DISTURBED UNPAVED AREAS ARE TO RECEIVE MINIMUM OF 4 INCHES OF TOP SOIL AND SEED/MULCH OR SOD. THESE AREAS SHALL BE WATERED/MAINTAINED BY THE CONTRACTOR UNTIL VEGETATION IS ESTÁBLISHED.
- REFER TO THE REPORT OF GEOTECHNICAL EXPLORATION AND ENGINEERING REVIEW, DATED APRIL 20, 2017 AS PREPARED BY BRAUN INTERTEC FOR AN EXISTING SUBSURFACE SITE CONDITION ANALYSIS AND CONSTRUCTION RECOMMENDATIONS.
- 6. STREETS MUST BE CLEANED AND SWEPT WHENEVER TRACKING OF SEDIMENTS OCCURS AND BEFORE SITES ARE LEFT IDLE FOR WEEKENDS AND HOLIDAYS. A REGULAR SWEEPING SCHEDULE MUST BE ESTABLISHED.
- 7. DUST MUST BE ADEQUATELY CONTROLLED.
- 4. ON SLOPES 3:1 OR GREATER MAINTAIN SHEET FLOW AND MINIMIZE RILLS AND/OR GULLIES.
- 5. ALL STORM DRAINS AND INLETS MUST BE PROTECTED UNTIL ALL SOURCES OF POTENTIAL DISCHARGE ARE STABILIZED.
- TEMPORARY SOIL STOCKPILES MUST HAVE EFFECTIVE SEDIMENT CONTROL AND CAN NOT BE PLACED IN SURFACE WATERS OR STORM WATER CONVEYANCE SYSTEMS. TEMPORARY STOCKPILES WITHOUT SIGNIFICANT AMOUNT OF SILT, CLAY, OR ORGANIC COMPOUNDS ARE EXEPMT EX: CLEAN AGGREGATE STOCK PILES, DEMOLITION CONCRETE STOCKPILES, SAND STOCKPILES.
- 7. FINAL STABILIZATION REQUIRES THAT ALL SOIL DISTURBING ACVTIVITIES HAVE BEEN COMPLETED AND THAT DISTURBED AREAS ARE STABILIZED BY A UNIFORM PERENNIAL VEGETATIVE COVER WITH 70% OF THE EXPECTED FINAL DENSITY, AND THAT ALL PERMANENT PAVEMENTS HAVE BEEN INSTALLED. ALL TEMPORARY BMP'S SHALL BE REMOVED, DITCHES STABILIZED, AND SEDIMENT SHALL BE REMOVED FROM PERMANENT CONVEYANCES AND SEDIMENTATION BASINS IN ORDER TO RETURN THE POND TO DESIGN CAPACITY
- THE WATERSHED DISTRICT OR THE CITY MAY HAVE REQUIREMENTS FOR INSPECTIONS VERIFYING PROPER CONSTRUCTION OF THE
- 9. SEE SWPPP FOR ADDITIONAL EROSION CONTROL NOTES AND REQUIREMENTS.
- 10. SEE UTILITY PLAN FOR WATER AND SANITARY SEWER INFORMATION.
- 11. SEE SITE PLAN FOR CURB AND BITUMINOUS TAPER LOCATIONS.





03/29/19 WCG PSG MCA BID SET 0 02/22/19 WCG PSG MCA CUP APPLICATION SUBMITTAL NO DATE BY CKD APPR N:\BMS\SRF-PW\PGALZKI\DMS13368\11089 DR01.DWG: GRADINGPLAN

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. of Minnesota. MICHAEL C. AARON

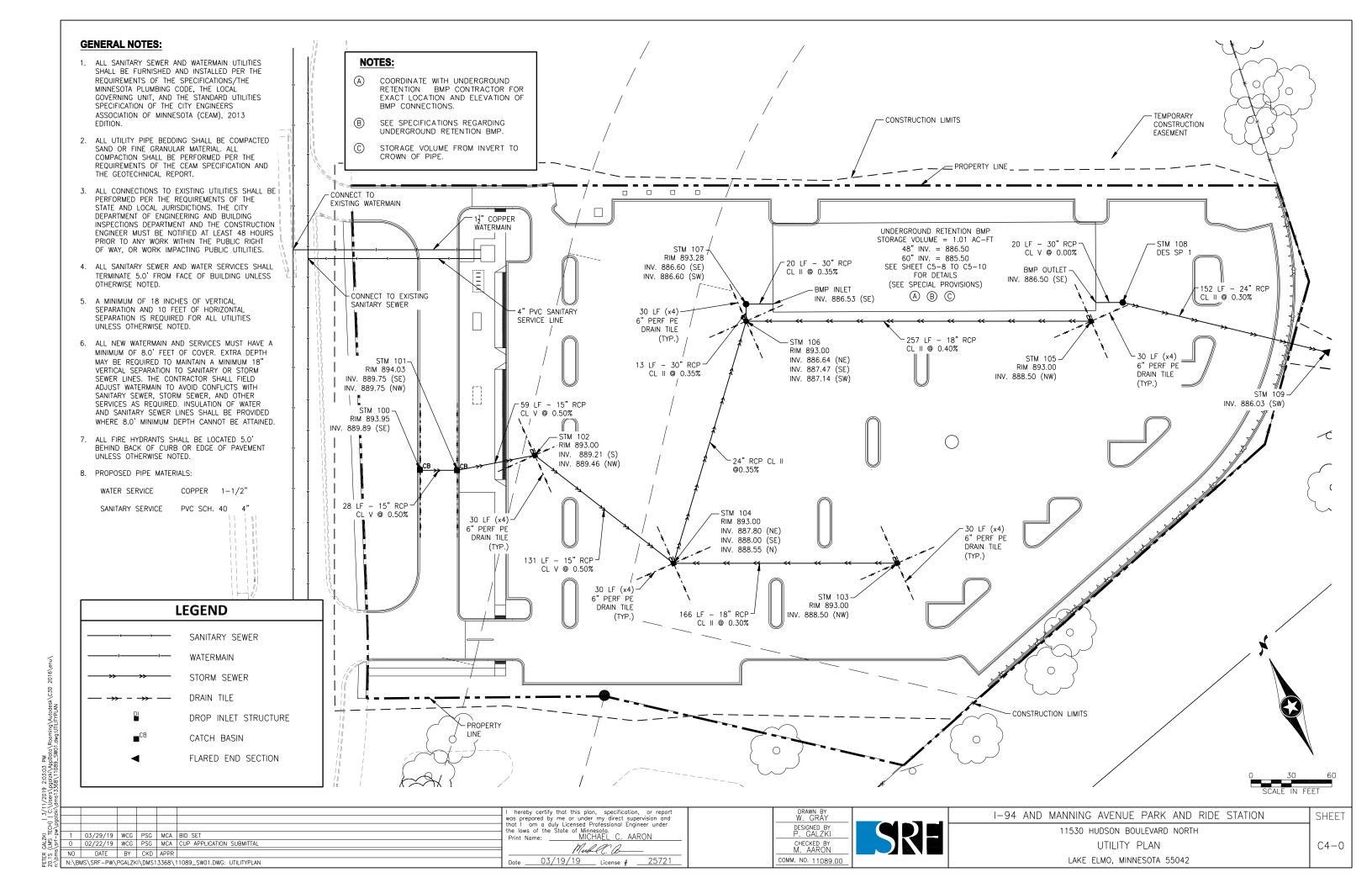
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COMM. NO. 11089.00

DESIGNED BY P. GALZK

I-94 AND MANNING AVENUE PARK AND RIDE STATION 11530 HUDSON BOULEVARD NORTH GRADING, DRAINAGE & EROSION CONTROL PLAN LAKE ELMO, MINNESOTA 55042

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# FOR REFERENCE ONLY 4" 4'-8"

6' BIA ELECTRICAL BLOCKOUT 1'-10" 3'-5" 4' CEILING MOUNTED FLUORESCENT LIGHTING FIXTURE 60" DIA TURNING CIRCLE  $\oplus$ 10'-6" OPTIONAL 2" FLOOR DRAIN (FIELD INSTALLED) -16x24 PLUMBING BLOCKOUT 3'-5**"** 1'-6" OPTIONAL WASTE PAPER BASKET

-MOUNT BTM 12" OFF FINISHED FLOOR

(SEE MI)

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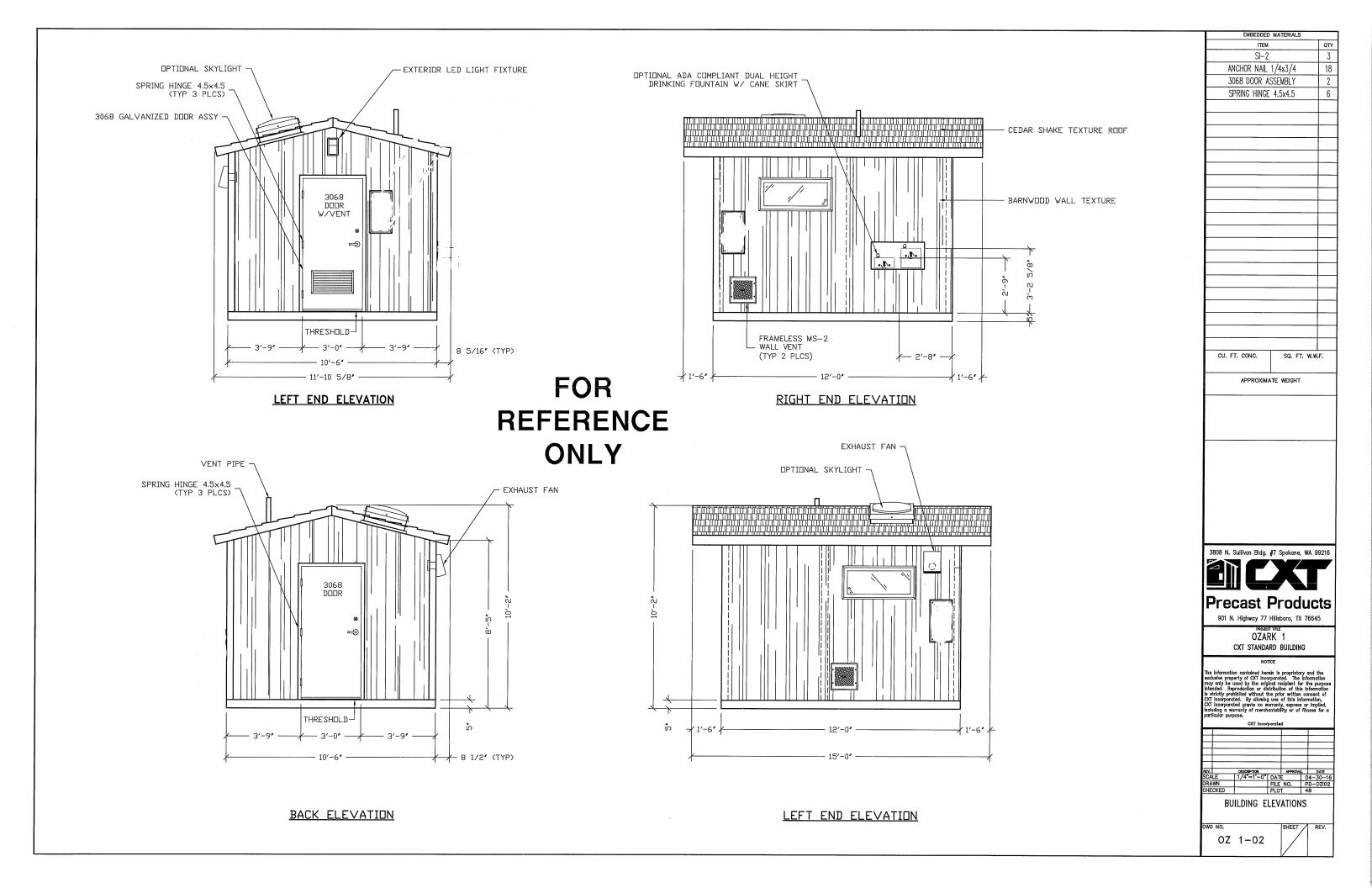


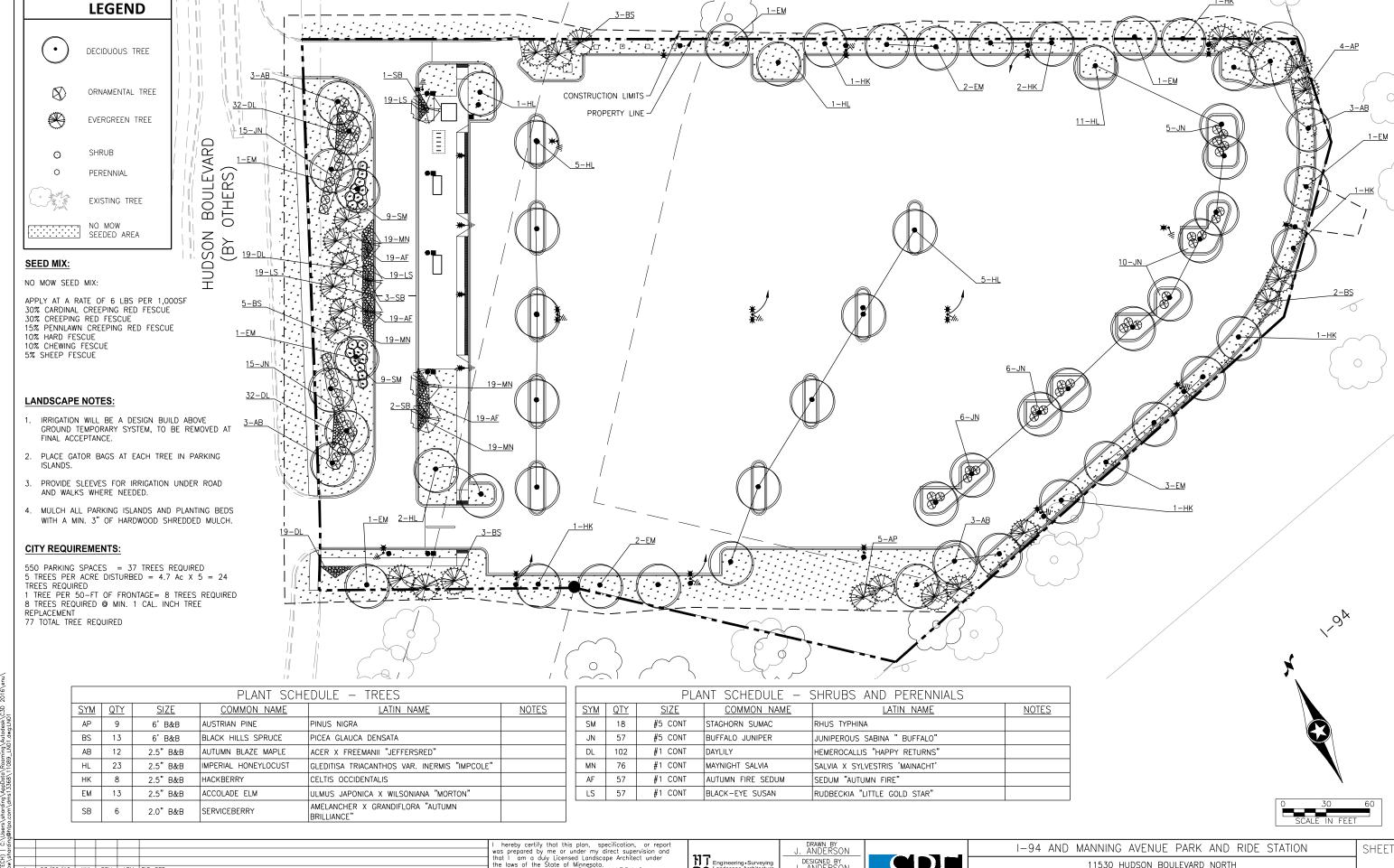
I-94 AND MANNING AVENUE PARK AND RIDE STATION 11530 HUDSON BOULEVARD NORTH

CIVIL DETAILS LAKE ELMO, MINNESOTA 55042

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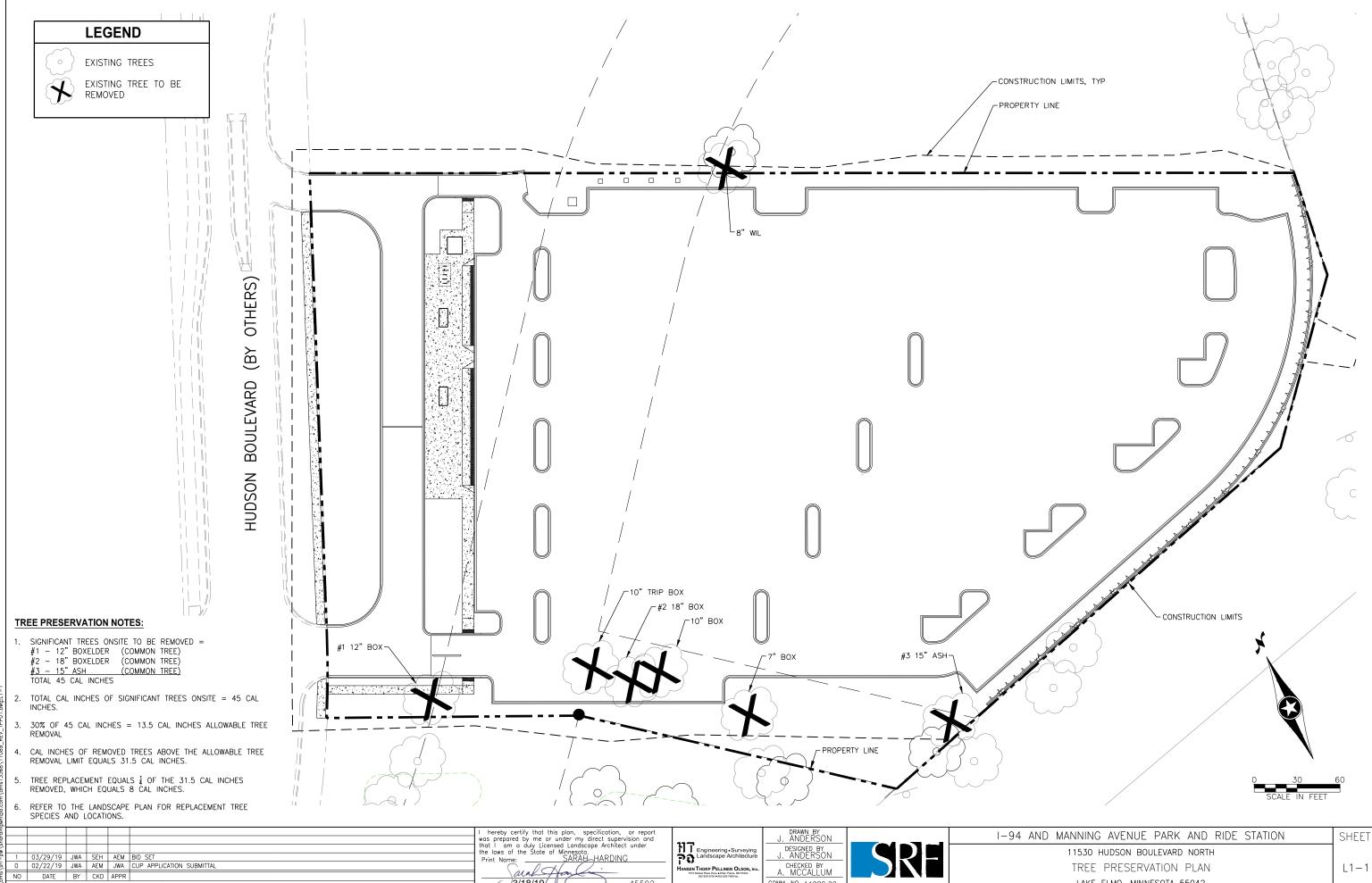
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the State of Minnesota. Print Name: SARAH HARDING

Date 3/18/19

COMM. NO. 11089.00

11530 HUDSON BOULEVARD NORTH

L1 - 0LANDSCAPE PLAN LAKE ELMO, MINNESOTA 55042



COMM. NO. 11089.00

LAKE ELMO, MINNESOTA 55042

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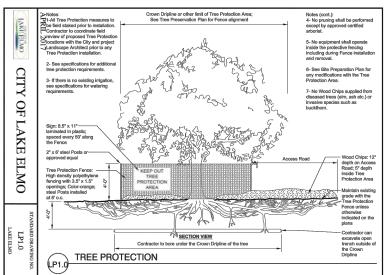
## STANDARD PLAN NOTES LANDSCAPE PLANS

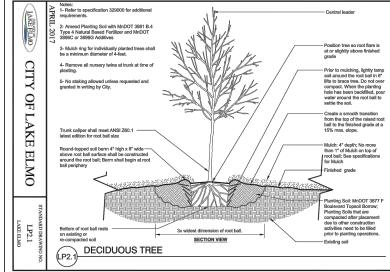
- Contractor must contact Gopher State One Call 811 (www.gopherstateonecall.org) prior to tree staking and planting operations to verify underground utilities. Where private utilities exist on-site the Contractor is required to have those located as well.
- 2. Plant materials shall meet American Standard for Nursery Stock: ANSI Z60.1, latest
- 3. No plant substitutions shall be made without the prior written authorization from the City.
- 4. All tree locations to be field staked prior to installation. Contractor to coordinate field review of proposed tree locations with the City and Project Landscape Architect prior to
- 5. All plants shall be planted immediately upon arrival to project site. No plant material is to be left overnight on the project site without being installed unless written approval by
- 6. All trees, shrubs, perennials, turf lawn and native seeding to have a two-year warranty beginning upon written acceptance by the City. Defective plants as determined by the City shall be replaced within 30 days of notice during the growing season, and replacement materials shall receive the same two year warranty until plants are
- 7. Contractor to protect and maintain all plantings and plant beds, including protection from wildlife, weeding, re-mulching, fertilization, irrigation and all other typical forms of horticultural care until the end of the warranty period as determined and approved by
- 8. All plants installed and maintained on City property shall be in accordance with City of Lake Elmo Bee-Safe Resolution No. 2015-13.
- 9. An irrigation system or other water supply adequate to support the specified plant materials shall be provided.

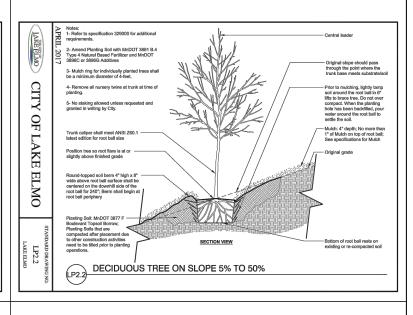
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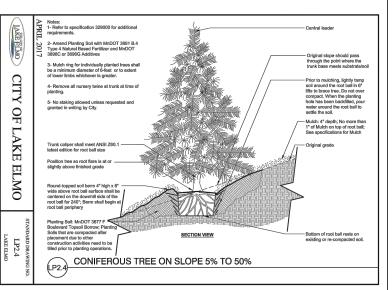
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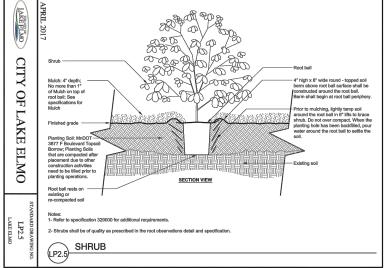
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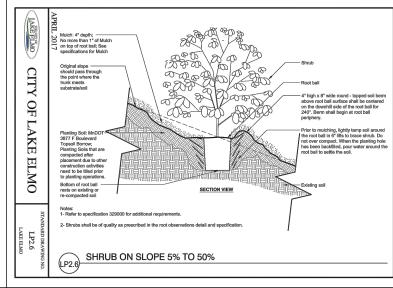


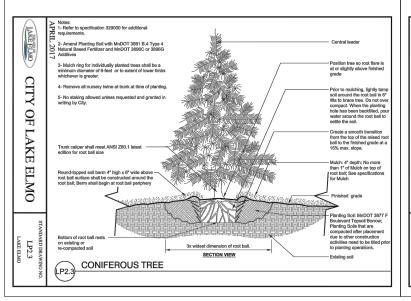


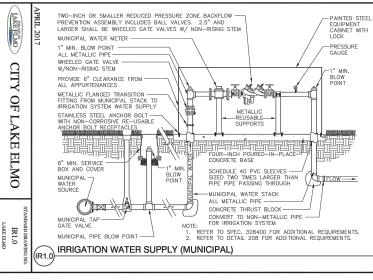


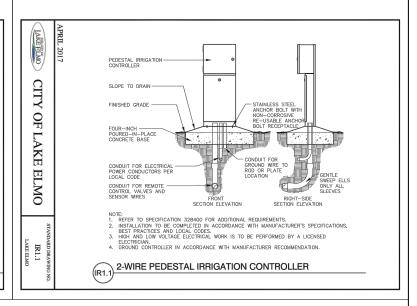












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울등의	NO   DATE								

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I om a duly Licensed Landscape Architect under the laws of the State of Minnesota.

Print Name: SARAH HARDING

and Hand 3/18/19 45592

Engineering Surveying Landscape Architecture ANSEN THORP PELLINEN OLSON, Inc



I-94 AND MANNING AVENUE PARK AND RIDE STATION

11530 HUDSON BOULEVARD NORTH LANDSCAPE DETAILS LAKE ELMO, MINNESOTA 55042

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