

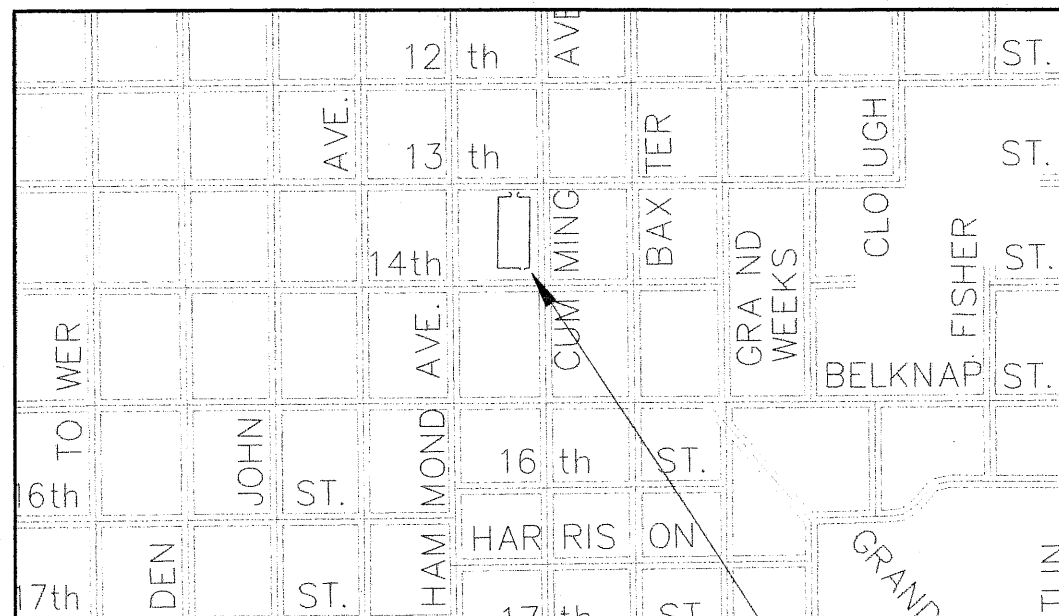
CITY OF SUPERIOR

FOR

GOVERNMENT CENTER PARKING LOT

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

FOR FIELD LOCATES
CALL: 1.800.242.8511
www.DiggersHotline.com



INDEX MAP
NO SCALE

PROJECT
LOCATION

GOVERNING SPECIFICATIONS

THE 2003 EDITION OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" SHALL GOVERN.
STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN WISCONSIN.

SHEET INDEX

- 1 TITLE SHEET, STATEMENT OF ESTIMATED QUANTITIES AND NOTES
- 2 DETAILS
- 3 CONSTRUCTION PLAN
- 5-6 LIGHTING PLAN

JEFF VITO 20

RECOMMENDED FOR APPROVAL:
CITY OF SUPERIOR-PUBLIC WORKS DIRECTOR

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WISCONSIN.

REG. NO. 25602
DATE _____ SCOTT WEYANDT

ESTIMATED QUANTITIES

| NOTE | ITEM NUMBER | DESCRIPTION | UNIT | ESTIMATED QUANTITY |
|------|-------------|--|---------|--------------------|
| | 601.0411 | CONCRETE CURB & GUTTER 30-INCH TYPE D | LF | 1216.00 |
| | 602.0415 | CONCRETE SIDEWALK 6-INCH | SQ. FT. | 2234.00 |
| | 652.0110 | CONDUIT RIGID NONMETALIC SCHEDULE 40, 1 INCH | LF | 570.00 |
| | 655.0620 | ELECTRICAL WIRE LIGHTING 8 AWG TYPE USE-2 (BRANCH) | LF | 1340.00 |
| | 655.0620 | ELECTRICAL WIRE LIGHTING 8 AWG TYPE USE-2 GREEN GND | LF | 670.00 |
| | 655.0610 | ELECTRICAL WIRE LIGHTING 12 AWG TYPE THIN W/ POLE | LF | 400.00 |
| | 659.0110 | LIGHT BASE FOUNDATION | EACH | 6 |
| | 659.0700 | LIGHTING UNIT | EACH | 6 |
| | SPV.0060.02 | SERVICE CABINET W/SERVICE HEAD CONDUIT AND CONDUCTOR | EACH | 1 |

RECORD DRAWING
01/06/06
NO CHANGE THIS SHEET

| STRUCTURE | TYPE | LOCATION | CB TYPE 2 DEPTH FEET | MH TYPE 1 (48") DEPTH FEET | MH TYPE 2 (60") DEPTH FEET | MH TYPE 3 (72") DEPTH FEET | MH TYPE 5 (96") DEPTH FEET | MH COVER TYPE J EACH | INLET COVER TYPE H EACH | TOP OF CASTING ELEVATION | INVERT OUT ELEVATION | DRAINS TO STRUCTURE NUMBER | 12" RC PIPE FEET | 48" RC PIPE FEET |
|---------------|----------|----------|-------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------------|------------------------|------------------------|
| MANHOLE 1 | PROPOSED | ALLEY | | 10.47 | | | | | 1.00 | 634.20 | 623.73 | MANHOLE 2 | | |
| MANHOLE 2 | PROPOSED | ALLEY | | 12.20 | | | | 1.00 | 1.00 | 635.20 | 623.00 | MANHOLE 6 | | |
| MANHOLE 3 | PROPOSED | LOT | | | | 8.00 | | | 1.00 | 634.00 | 626.00 | MANHOLE 2 | 19.00 | |
| MANHOLE 4 | PROPOSED | LOT | | | 8.57 | | | | 1.00 | 635.07 | 626.50 | MANHOLE 5 | | 125.00 |
| MANHOLE 5 | PROPOSED | LOT | | | | | 7.73 | | 1.00 | 634.00 | 626.27 | MANHOLE 3 | | 130.00 |
| CATCH BASIN 1 | PROPOSED | LOT | 4.35 | | | | | | 1.00 | 635.07 | 630.72 | MANHOLE 3 | 125.00 | |
| TOTAL | | | 4.35 | 22.67 | 8.57 | 8.00 | 7.73 | 1.00 | 5.00 | | | | 144.00 | 255.00 |

SEE PLAN SHEETS FOR ELEVATION CHANGES

DRAWN BY: GTL
DESIGNER: FAH
CHECKED BY: MJB
DESIGN TEAM

| NO. | BY | DATE | REVISIONS |
|-----|----|------|-----------|
| | | | |

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SIGNATURE: _____ DATE: _____
PRINTED NAME: SCOTT WEYANDT LIC. NO. E-27245

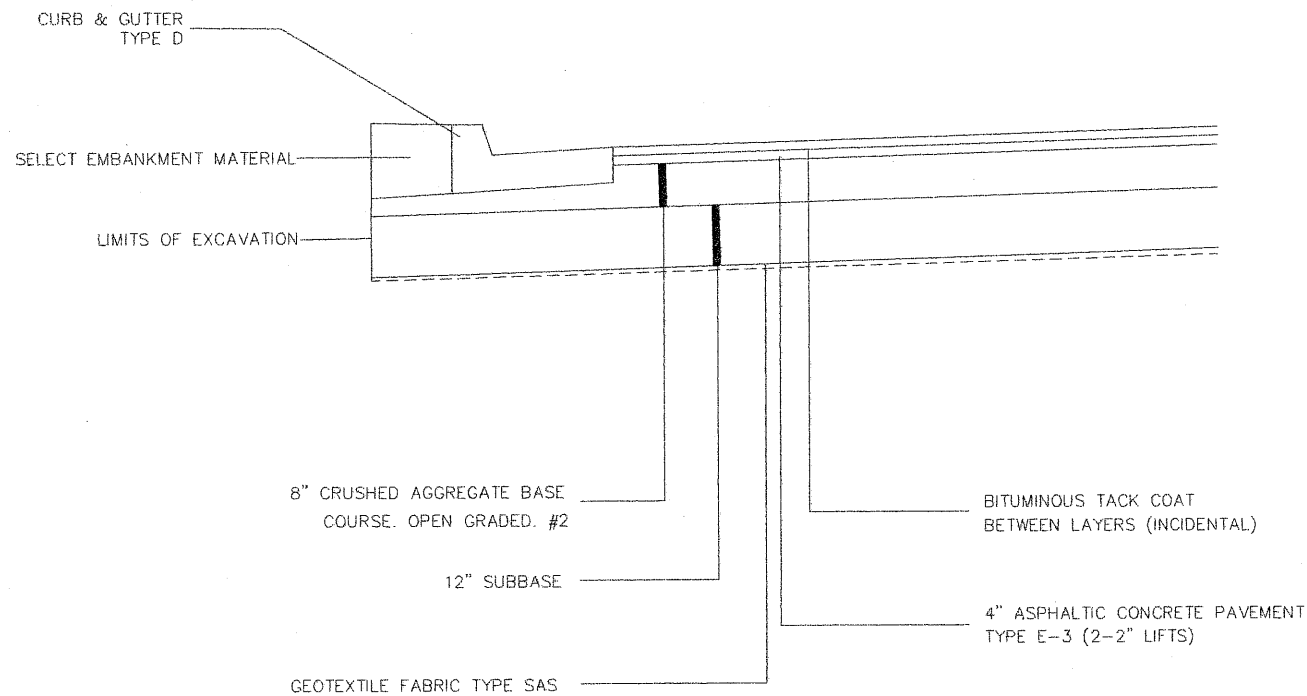


CITY OF SUPERIOR
GOVERNMENT CENTER PARKING LOT
SUPERIOR, WISCONSIN

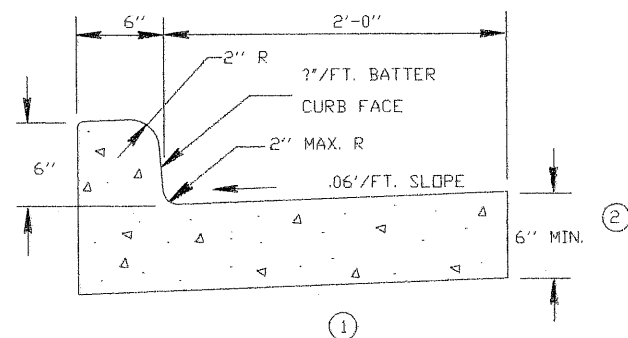
TITLE SHEET
ESTIMATED QUANTITIES
NOTES

FILE NO.
ASUPER0515.00
DATE
MAY 2005

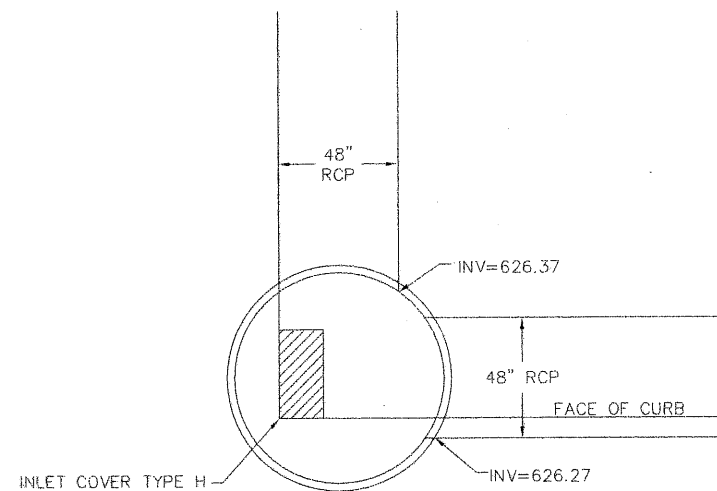
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6



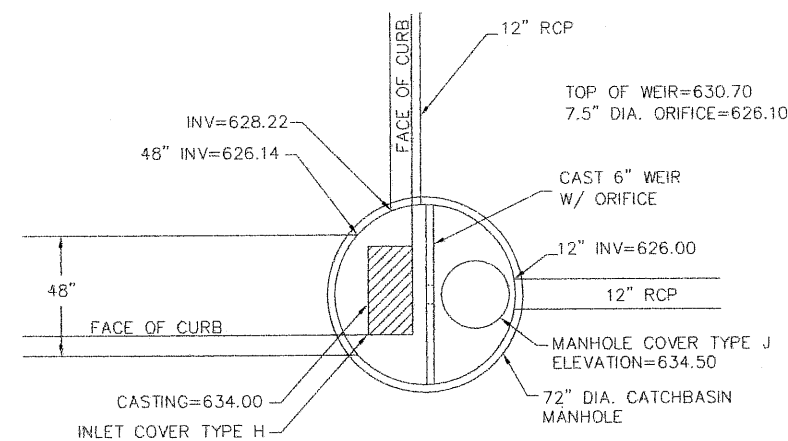
TYPICAL PARKING LOT SECTION



CURB TYPE D

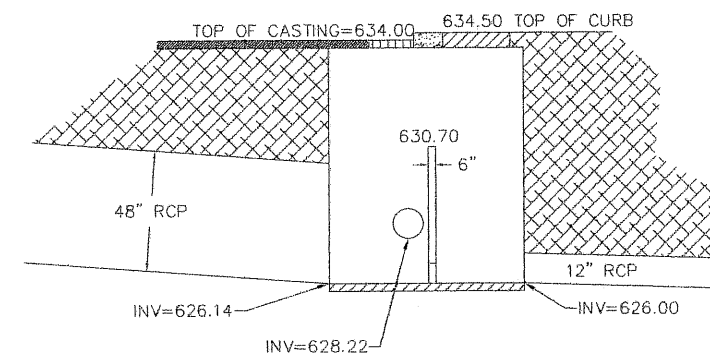


84' DIAMETER CATCHBASIN MANHOLE



72" CATCHBASIN MANHOLE

(PLAN)



72" CATCHBASIN MANHOLE

(PROFILE)

RECORD DRAWING 01/06/06 NO CHANGE THIS SHEET

| | | | | |
|----------------|-----|----|------|-----------|
| DRAWN BY: DP | | | | |
| DESIGNER: MB | | | | |
| CHECKED BY: SW | | | | |
| DESIGN TEAM | NO. | BY | DATE | REVISIONS |

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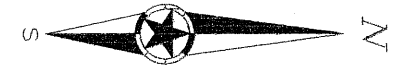
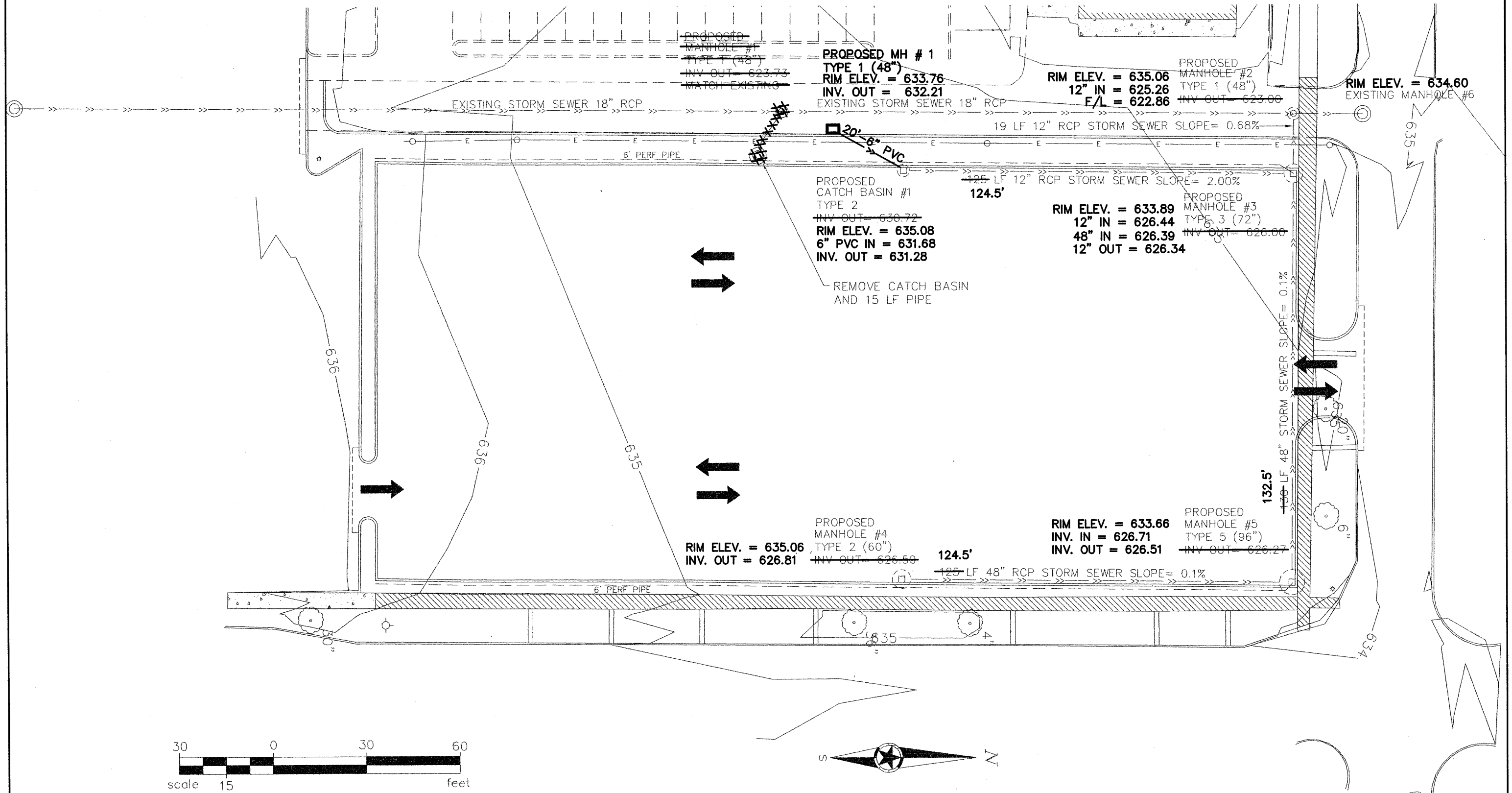
CITY OF SUPERIOR
GOVERNMENT CENTER PARKING LOT
SUPERIOR, WISCONSIN


DETAILS

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| FILE NO. SUPER0515.00 | 2 |
| DATE April 2005 | 6 |

CITY OF SUPERIOR

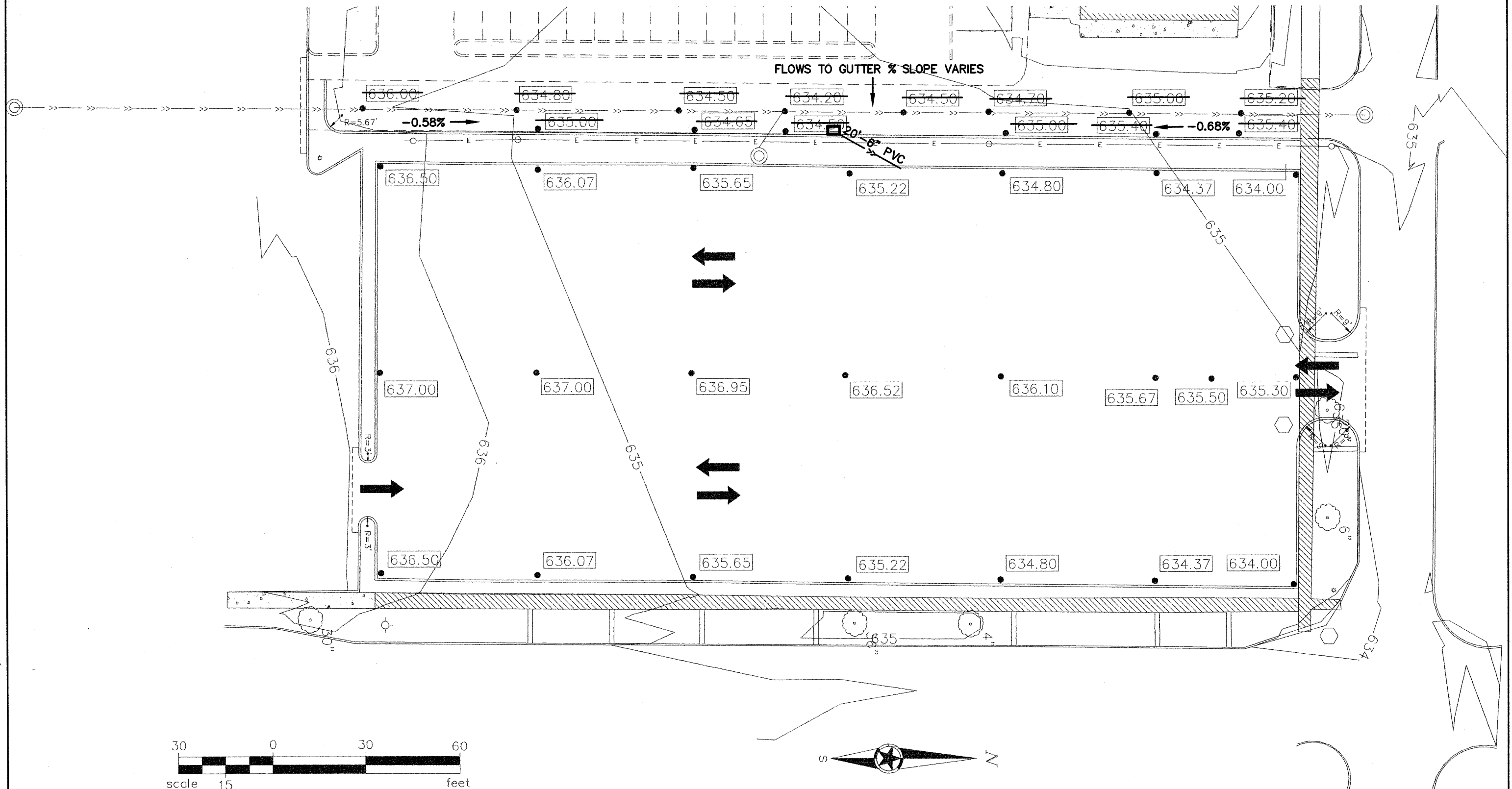
GOVERNMENT CENTER PARKING LOT



| DRAWN BY: DP DESIGNER: MB CHECKED BY: SW DESIGN TEAM | <table border="1"> <thead> <tr> <th>NO.</th> <th>BY</th> <th>DATE</th> <th>REVISIONS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> | NO. | BY | DATE | REVISIONS | | | | | ©SHORT ELLIOTT HENDRICKSON 2002. ANY USE OR REUSE OF THIS PLAN/DRAWING AND THE CORRESPONDING COMPUTER AIDED DESIGN/DRAFTING FILES WITHOUT THE EXPRESS WRITTEN CONSENT OF SEH IS PROHIBITED. SEH SHALL NOT BE RESPONSIBLE FOR ANY UNAUTHORIZED USE OR REUSE OF THESE MATERIALS, OR DAMAGES RESULTING THEREFROM. | I HEREBY CERTIFY THAT THIS PLAN 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 WISCONSIN. SIGNATURE: SCOTT WEYANDT DATE: _____ PRINTED NAME: SCOTT WEYANDT LIC. NO. E-27245 |  PHONE: (218) 722-0547 831 E 2ND STREET DULUTH, MN 55805 | CITY OF SUPERIOR GOVERNMENT CENTER PARKING LOT SUPERIOR, WISCONSIN | STORM PLAN | FILE NO. SUPER0515.00 DATE April 2005 | 3 6 |
|---|---|------|-----------|------|-----------|--|--|--|--|--|--|---|--|------------|--|--------|
| NO. | BY | DATE | REVISIONS | | | | | | | | | | | | | |
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CITY OF SUPERIOR

GOVERNMENT CENTER PARKING LOT



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| DRAWN BY: DP | | | |
| DESIGNER: MB | | | |
| CHECKED BY: SW | | | |
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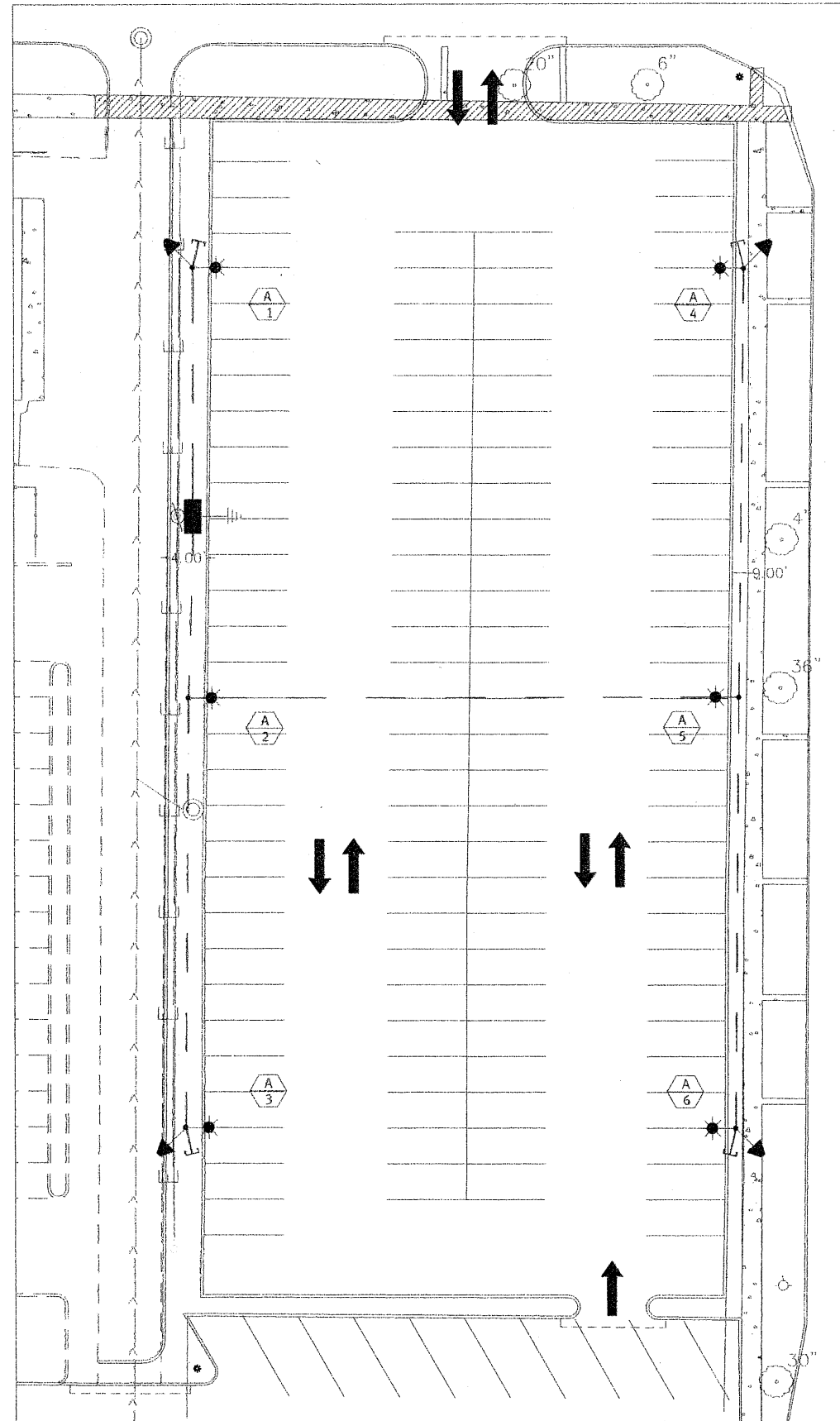
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 SIGNATURE: _____ DATE: _____
 PRINTED NAME: SCOTT WEYANDT LIC. NO. E-27245

SEH
 PHONE: (218) 722-0547
 831 E 2ND STREET
 DULUTH, MN 55805

CITY OF SUPERIOR
 GOVERNMENT CENTER PARKING LOT
 SUPERIOR, WISCONSIN

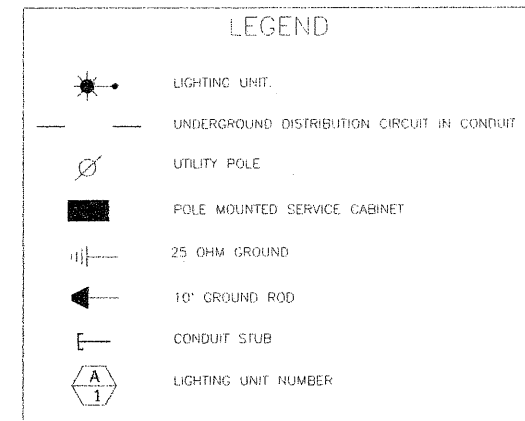
GRADING PLAN

| | |
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| DATE April 2005 | 6 |



NOTES:

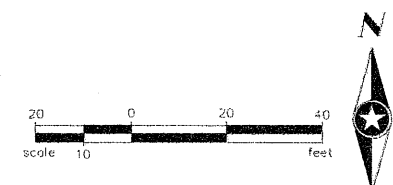
- A. ALL CONDUCTORS SHALL BE TYPE USE-2, 2 - #8 AWG, 1 - #8 AWG GND UNLESS OTHERWISE NOTED.
- B. ALL CONDUIT SHALL BE 1" NMC SCHEDULE 40 UNLESS OTHERWISE NOTED.
- C. PROVIDE 1" CAPPED CONDUIT STUB WHERE INDICATED.
- D. MAINTAIN REQUIRED CLEARANCE FROM OVERHEAD CONDUCTORS FOR LIGHTING UNITS A1, A2 AND A3. SET BACK FROM BACK OF CURB TO FOUNDATION, SHALL BE AS DIRECTED BY THE ENGINEER.
- E. LIGHTING UNITS A4, A5, A6 SHALL BE SET BACK 30' FROM BACK OF CURB TO CENTER OF FOUNDATION, OR AS DIRECTED BY THE ENGINEER.
- F. ALL CONDUCTORS SHALL BE COPPER (CU).
- G. INSTALLATION METHODS AND MATERIALS SHALL CONFORM TO THE STATE OF WISCONSIN "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" 2003 EDITION.



| LUMINAIRE SCHEDULE | | | | | | | |
|--------------------|---|-----------|-------------------------------|------|------------------|---|----------|
| SYM. | DESCRIPTION | LAMP DATA | | VOLT | LUMINAIRE & POLE | | SEE NOTE |
| | | NO. | TYPE | | MFR | CAT. NO. | |
| | 250W MH GULLWING ON 25' HAPCO ALUMINUM POLE | 1 | 250W PULSE START METAL HALIDE | 240 | GARDCO HAPCO | LUMINAIRE: C18-1-4XL-25PSMH-240-BRP-RPA2 POLE: 83122-003 BRONZE PAINT | 1 |

NOTE 1: LUMINAIRES FOR LIGHTING UNITS 1, 2 AND 3 SHALL INCLUDE A "HOUSE SIDE SHIELD" (HS).

| TABULATION OF LIGHTING QUANTITIES | | |
|---|------|----------|
| ITEM DESCRIPTION | UNIT | QUANTITY |
| SERVICE CABINET W/SERVICE HEAD, CONDUIT AND CONDUCTOR | EACH | 1 |
| LIGHTING UNIT | EACH | 6 |
| LIGHT BASE FOUNDATION | EACH | 6 |
| ELECTRICAL WIRE LIGHTING #8 AWG TYPE USE-2 (BRANCH) | L.F. | 1340 |
| ELECTRICAL WIRE LIGHTING #8 AWG TYPE USE-2 GREEN GND | L.F. | 670 |
| CONDUIT RIGID NONMETALLIC SCHEDULE 40 1" | L.F. | 570 |
| ELECTRICAL WIRE LIGHTING 12 AWG TYPE THHN (IN POLE) | L.F. | 400 |

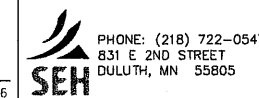


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| DESIGNER: KST | | | | |
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 SIGNATURE: *Brian L. Guenther* DATE: 6-08-05
 PRINTED NAME: Brian L. Guenther LIC. NO. 28781-006

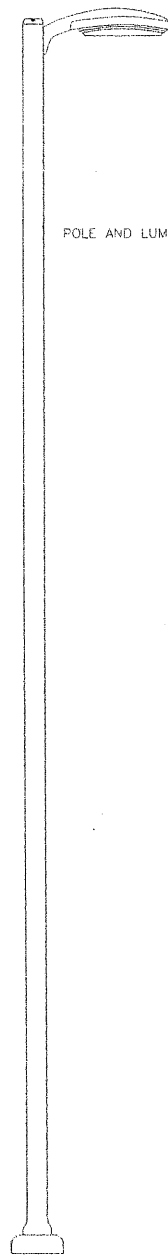


CITY OF SUPERIOR
 GOVERNMENT CENTER PARKING LOT
 SUPERIOR, WISCONSIN

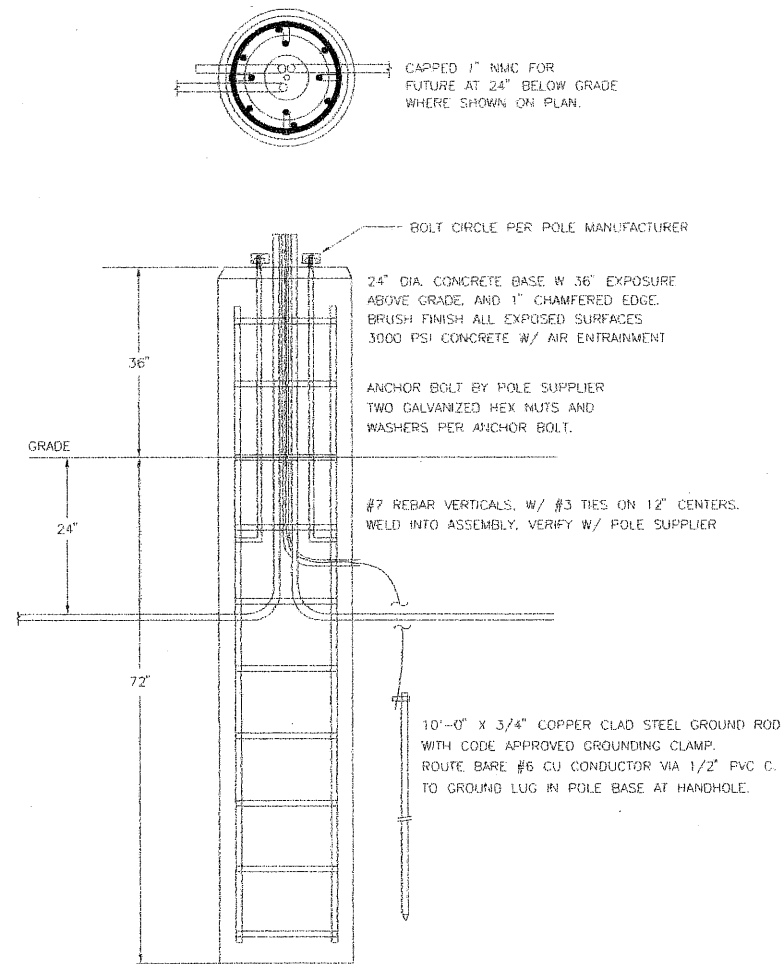
LIGHTING PLAN

| | |
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| FILE NO. ASUPER0515.00 | 5 |
| DATE MAY 2005 | 6 |

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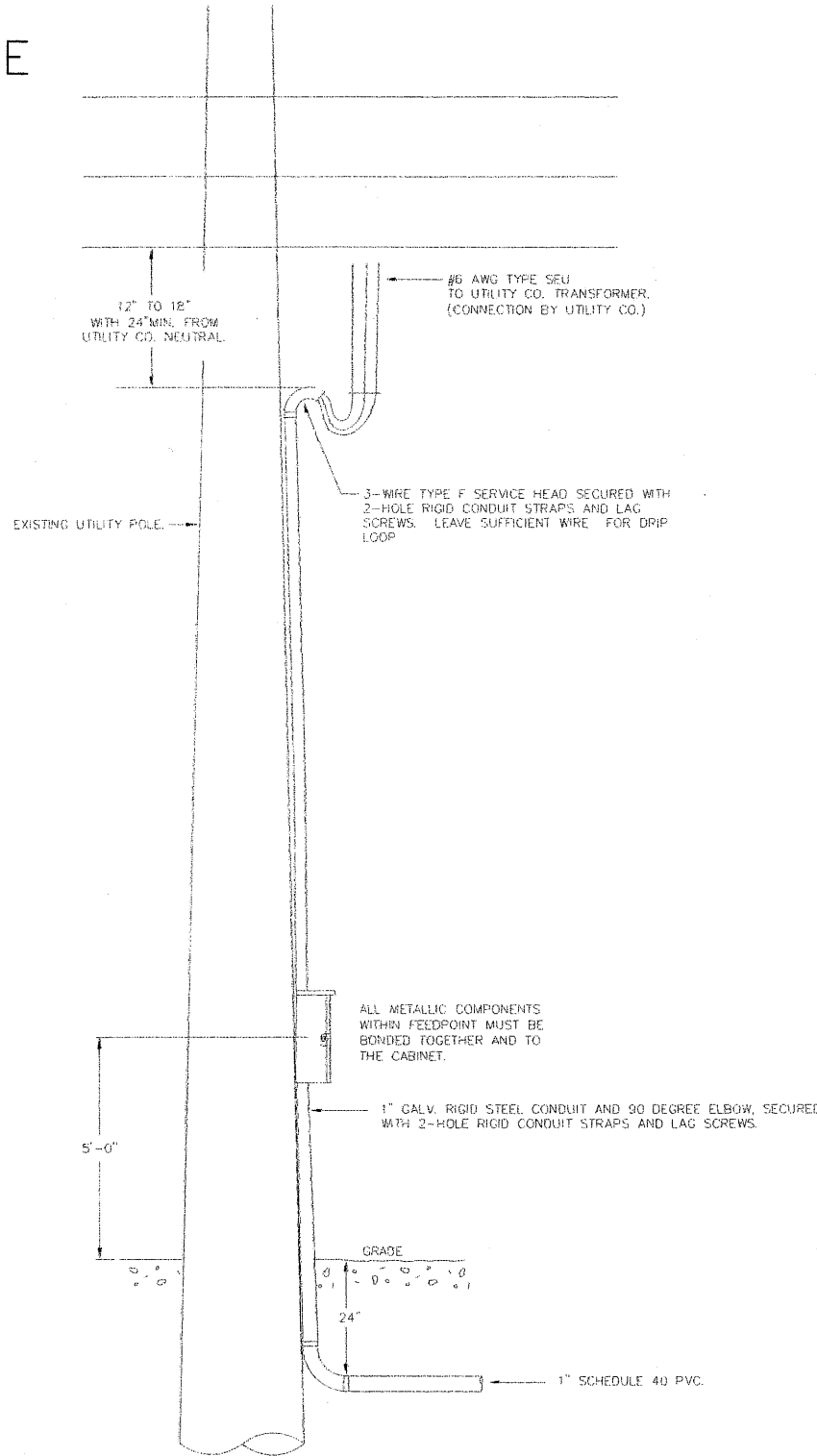


POLE AND LUMINAIRE - SEE LUMINAIRE SCHEDULE

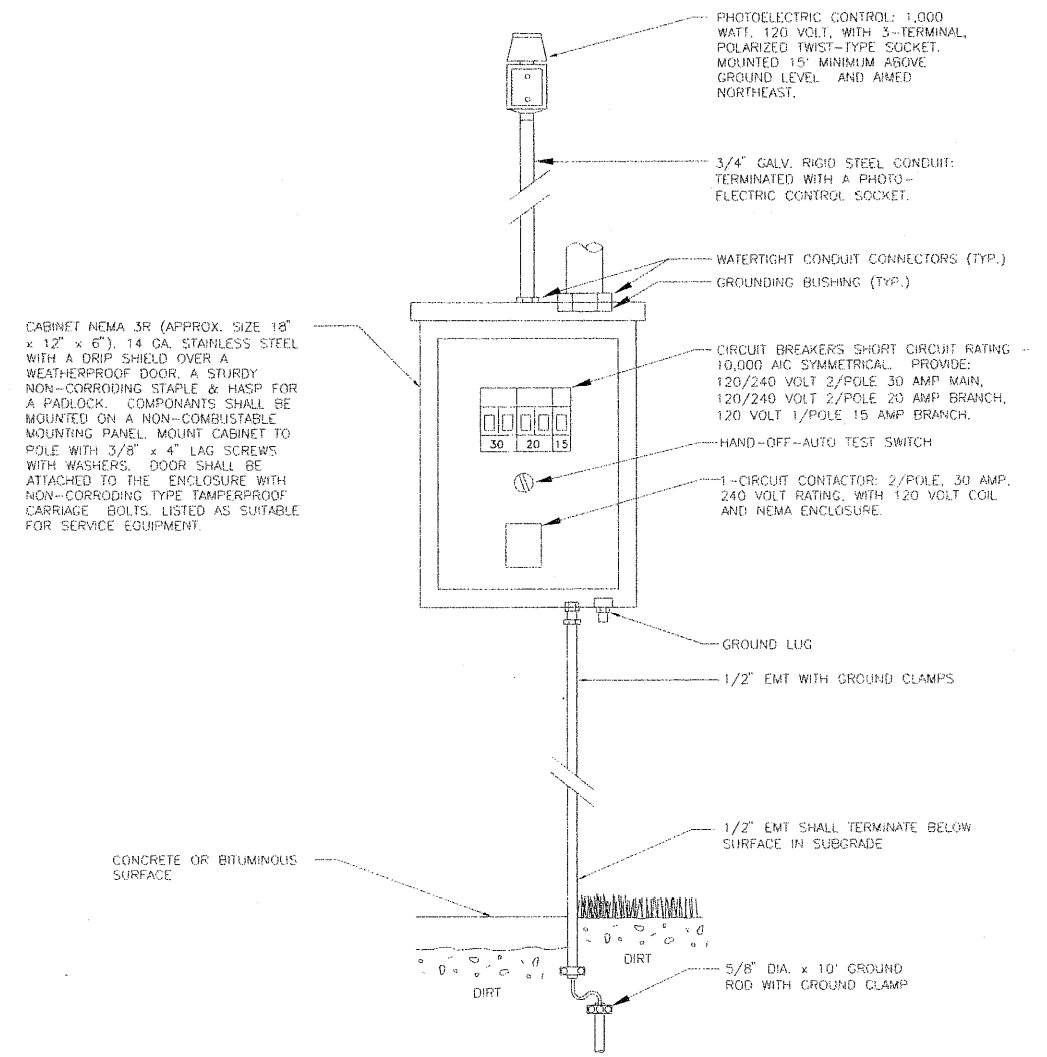


1 POLE & LUMINAIRE DETAIL
NTS

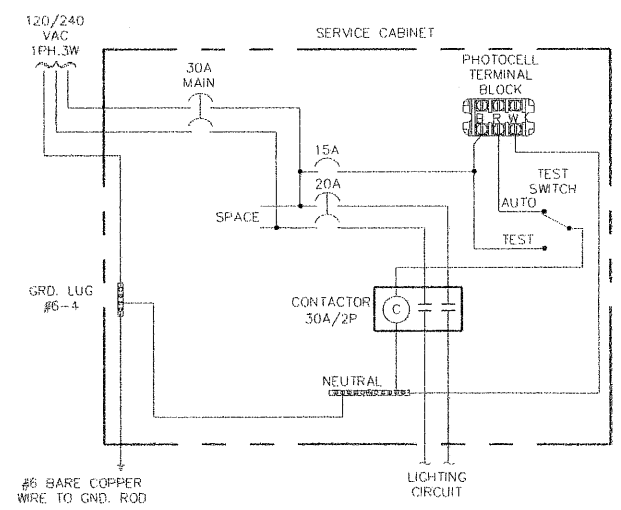
2 POLE BASE DETAIL
NTS



3 SERVICE CABINET AND HEAD MOUNTING DETAIL
NTS



4 SERVICE CABINET DETAIL
NTS



5 SERVICE CABINET WIRING DIAGRAM

| | | | |
|-----------------|-----|----|-----------|
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| DESIGNER: KST | | | |
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PRINTED NAME: Brian L. Guenther LIC. NO. 28781-006

PHONE: (218) 722-0547
418 W SUPERIOR STREET
DULUTH, MN 55802
SEH

CITY OF SUPERIOR
GOVERNMENT CENTER PARKING LOT
SUPERIOR, WISCONSIN

LIGHTING PLAN

| | |
|---------------------------|---|
| FILE NO. ASUPER0515.00 | 6 |
| DATE MAY 2005 | 6 |