

# CITY OF SUPERIOR SEWER DISTRICT NUMBER 2

## CONSTRUCTION PLAN FOR: SEWER MAIN RELOCATION AT SUPER ONE PROJECT SITE

### GOVERNING SPECIFICATIONS

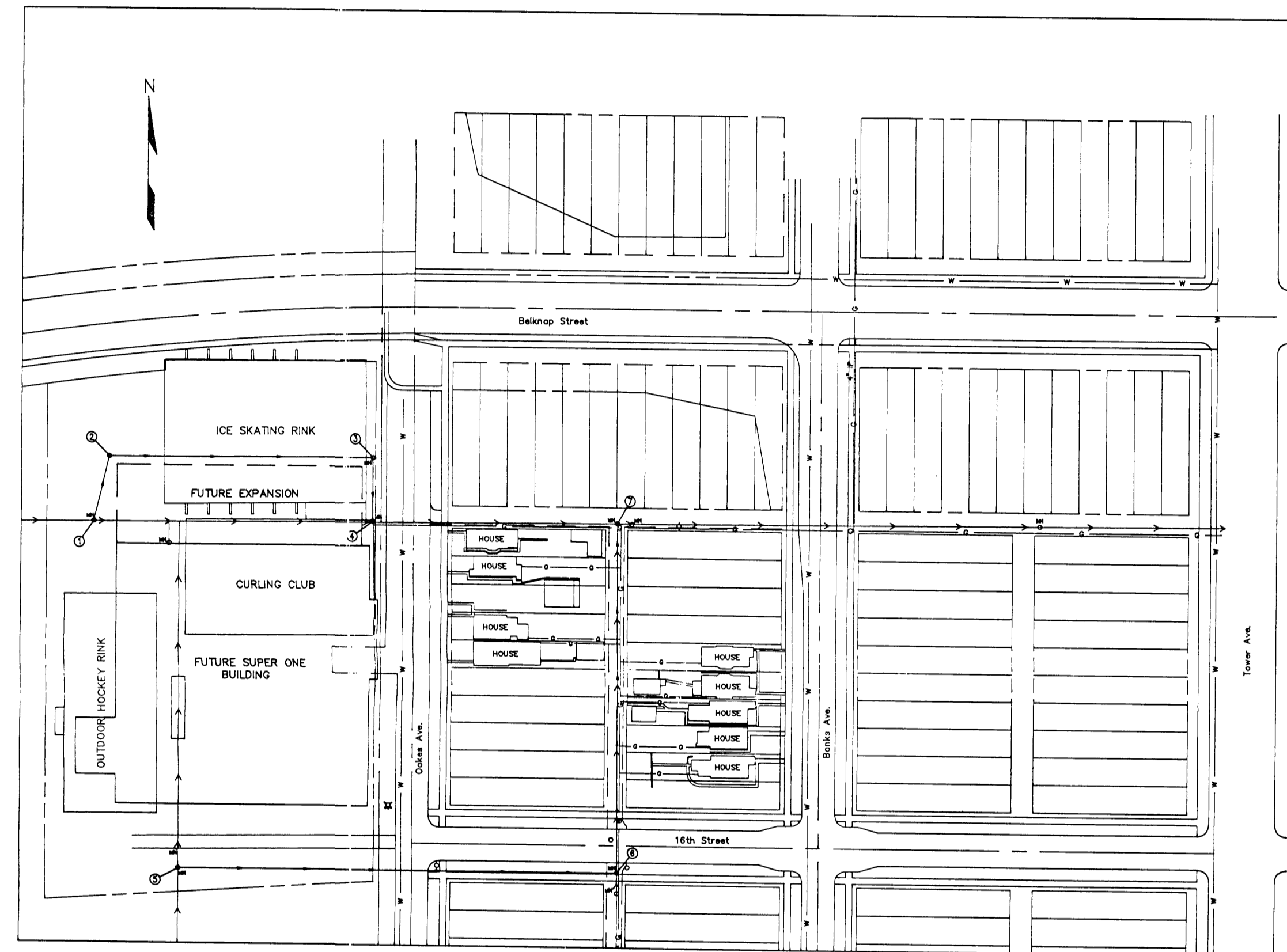
THE 1989 EDITION OF THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION" & THE FIFTH EDITION OF THE "STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION" IN WISCONSIN SHALL GOVERN.

#### GENERAL NOTES:

- ① THE ICE SKATING RINK & CURLING CLUB BUILDING WILL BE REMOVED PRIOR TO MAY 1, 1990. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF THE SUPER ONE CONTRACTOR.
- ② LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND UTILITIES BEFORE EXCAVATING. NEW LOCATIONS SHALL BE RECORDED ON PLANS. CALL DIGGERS HOTLINE 1-800-242-8511 FOR LOCATIONS OF PHONE LINES.
- ③ THE CONTRACTOR SHALL DO EXPLORATORY EXCAVATIONS AT THE PROPOSED LOCATIONS OF M.H. NO.'S 4, 5 & 6, PRIOR TO CONSTRUCTION OF ANY SEWER PIPE TO VERIFY THE ASSUMED PIPE INVERT ELEVATIONS. IF THE ELEVATIONS VARY THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- ④ BENCH MARK ELEVATION 646.56, TOP HYDRANT AT INTERSECTION OF OAKES AVENUE & 16th STREET.

STATEMENT OF ESTIMATED QUANTITIES					
ITEM NUMBER	ITEM	NOTE NO.	QUANTITIES		
			UNIT	EST.	FINAL
1	MOBILIZATION		LUMP SUM	1	
2	36" R.C. SEWER PIPE, DES 3006, CLASS III		LN. FT.	315	
3	30" R.C. SEWER PIPE, DES 3006, CLASS III		LN. FT.	400	
4	15" R.C. SEWER PIPE, DES 3006, CLASS III		LN. FT.	362	
5	84" TYPE 2 COVERS (100 X 8)		EACH	1	
6	84" MANHOLE BASE (106 X 8)		EACH	1	
7	84" MANHOLE BBL WITH STEPS	②	LN. FT.	7.3	
8	72" TYPE 2 COVERS (86 X 8)		EACH	2	
9	72" MANHOLE BASE (92 X 8)		EACH	2	
10	72" MANHOLE BBL WITH STEPS	②	LN. FT.	14.7	
11	48" X 27" TYPE B CONE WITH STEPS	①	LN. FT.	27.3	
12	48" MANHOLE BBL WITH STEPS	②	LN. FT.	36.2	
13	48" MANHOLE BASE (64 X 6)		LN. FT.	4	
14	SAW EXISTING PAVEMENT	③	LN. FT.	120	
15	CASTING ASSEMBLY (NEENAH R-1670)	⑦	EACH	7	
16	CONNECT STORM SEWER SERVICES	④	EACH	3	
17	CONNECT SANITARY SERVICES	④	EACH	3	
18	TYPE "A" RESTORATION (PERMANENT)		SQ. YD.	49	
19	TYPE "B" RESTORATION (TEMPORARY)	⑤	SQ. YD.	1323	
20	TYPE "C" RESTORATION (SOD)	⑤	SQ. YD.	180	
21	TYPE "D" RESTORATION (SIDEWALK)	⑤⑥	SQ. YD.	972	
22	CURB & GUTTER		LN. FT.	10	
23	MAINTAIN GAS SERVICE		LUMP SUM	1	

LOCATION MAP



REVIEWED AND APPROVED BY THE DIVISION FOR ENVIRONMENTAL QUALITY, DEPT. OF NATURAL RESOURCES IN ACCORDANCE WITH CHS. 166.04 AND 166.05, SUBJECT TO THE CONDITIONS SET FORTH IN THE LETTER OF APPROVAL.  
L. F. WIDLE, ADMINISTRATOR'S  
APPROVAL NUMBER 92-0093  
APPROVAL DATE 21.15.90

### MINNESOTA DEPARTMENT OF TRANSPORTATION STANDARD PLATES

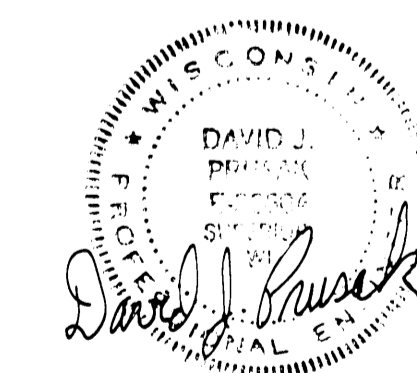
THE FOLLOWING STANDARD PLATES APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY ON THIS PROJECT.

PLATE NO.	DESCRIPTION
0004A	SPECIFICATION REFERENCE TO STANDARD PLATES
3000K	REINFORCED CONCRETE PIPE
3006F	GASKET JOINT FOR R.C. PIPE
4005K	MANHOLE OR CATCH BASIN (DES F)
4010G	CONC. SHORT CONE & ADJUSTING RINGS
4020E	MANHOLE OR CATCH BASIN
4180H	MANHOLE OR CATCH BASIN STEP
7035J	CONCRETE WALK & CURB RETURNS AT ENTRANCES
7036C	PEDESTRAIN CURB RAMP

#### QUANTITY NOTES:

- ① ALL CONCENTRIC CONES SHALL BE 4' EXCEPT FOR MANHOLE NO. 6 SHALL BE 3.3' CONE.
- ② INCLUDES THE THICKNESS OF THE COVERS & BASE.
- ③ REQUIRED ON 16th STREET & OAKES AVENUE.
- ④ INCLUDES RISER PIPE, SERVICE SEWER PIPE & FITTING AS REQUIRED.
- ⑤ QUANTITIES ARE CALCULATED USING 1/2:1 TRENCH WALL SLOPE.
- ⑥ INCLUDE PEDESTRIAN CURB RAMP.
- ⑦ SHALL BE NEENAH R-1670 OR APPROVED EQUAL.

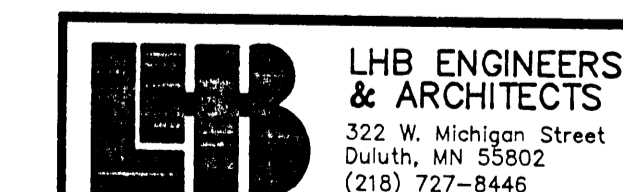
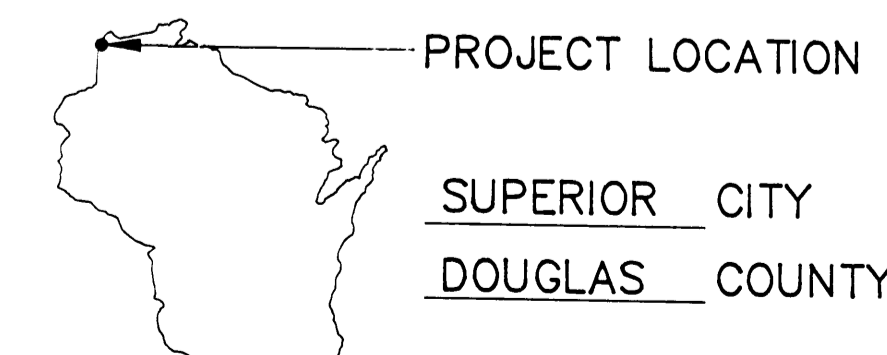
NOTE TO DMR:  
THIS IS NOT AN EXTENSION.  
NO FORMS ATTACHED.  
ATT. CHUCK BURNER



#### SCALE:



DETAIL DRAWINGS	
APPROVED BY STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN FIFTH EDITION	
FILE NO.	DESCRIPTION
1	TYPICAL CUT PAVEMENT TRENCH SECTION
2	STANDARD SECTION (CLASS "C" BEDDING)



LHB PROJECT NO. 89278

TITLE SHEET

SHEET NO. 1 OF 4 SHEETS

### INDEX

1. TITLE SHEET
2. PLAN & PROFILE (MANHOLE 1 TO 4)
3. PLAN & PROFILE (MANHOLE 5 TO 6)
4. PLAN & PROFILE (MANHOLE 6 TO 7)

THIS PLAN CONTAINS 4 SHEETS

Recommended for Approval 19 90  
DIRECTOR OF PUBLIC WORKS

Recommended for Approval 19 90  
ADMINISTRATIVE ENGINEER

Recommended for Approval \_\_\_\_\_ 19 90