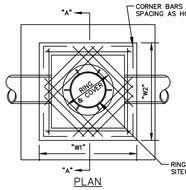
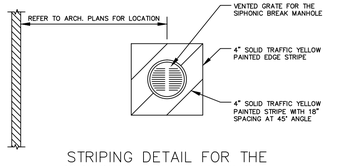


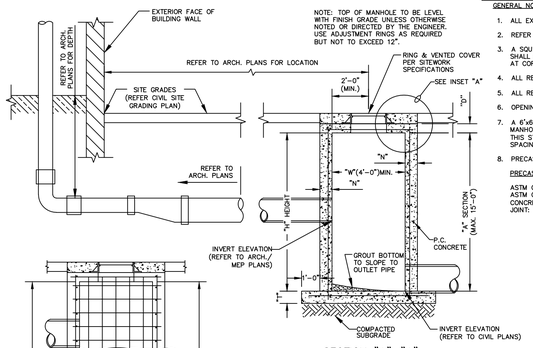
PLAN

CORNER BAR



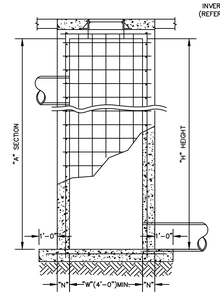
STRIPING DETAIL FOR THE SIPHONIC BREAK MANHOLE

N.T.S.

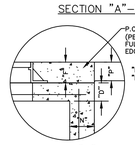


NOTE: TOP OF MANHOLE TO BE LEVEL WITH FINISH GRADE UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER. USE ADJUSTMENT RINGS AS REQUIRED BUT NOT TO EXCEED 12".

SECTION "A"–"A"



ELEVATION



INSET "A"

SIPHONIC BREAK CONCRETE STORM MANHOLE DETAIL

N.T.S.

GENERAL NOTES:

1. ALL EXPOSED CORNERS TO HAVE 3/4" CHAMFER.
2. REFER GRADING PLAN FOR PIPE SIZES, LOCATIONS, AND INVERTS.
3. A SQUARE OR RECTANGULAR MANHOLE MAY BE USED IN LIEU OF A ROUND MANHOLE. PIPES SHALL CONNECT TO THE ENDS OR SIDES OF THE MANHOLE. CONNECTION SHALL NOT BE MADE AT CORNERS OF MANHOLE.
4. ALL REINFORCING BARS TO BE GRADE 60.
5. ALL REINFORCING BARS TO HAVE 2" COVER.
6. OPENINGS FOR INLET & OUTLET PIPES ARE LOCATED AS REQUIRED PER GRADING PLAN.
7. A 6"x6" PAINTED STRIPED AREA SHALL BE CENTERED ON THE SIPHONIC BREAK STORM MANHOLE TO PREVENT ANY PARKING OR COVERING OF THE VENTED GRATE WITH ANY OBJECTS. THIS STRIPED AREA SHALL BE PAINTED WITH 4" SOLID TRAFFIC YELLOW STRIPES WITH 18" SPACING AT 45° ANGLE.
8. PRECAST MANHOLE MAY BE USED UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.

PRECAST MANHOLE SPECIFICATIONS

ASTM C478 – PRECAST REINFORCED CONCRETE MANHOLE SECTIONS
ASTM C913 – PRECAST CONCRETE WATER AND WASTEWATER STRUCTURES
CONCRETE: 4000 PSI AE (MIN.)
JOINT: WATERTIGHT RUBBER GASKET

REINFORCEMENT SCHEDULE, BASE	
SECTION	
"A"	#4's AT 6" E.W.

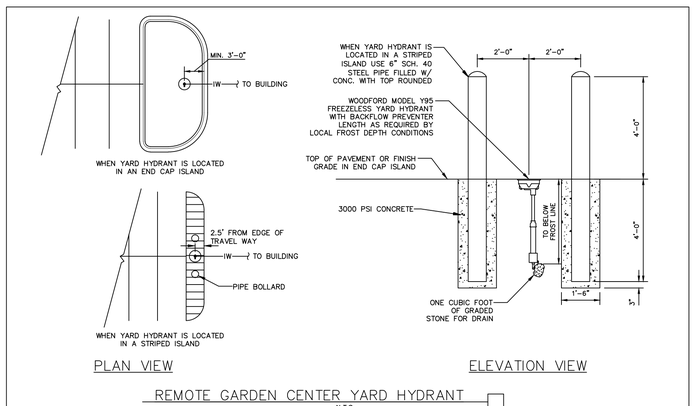
TABLE OF "W" DIMENSIONS			
PIPE SIZE	SKEW OF CROSS DRAIN		
SINGLE	STRAIGHT	30°	45°
24"	4'-0"	4'-0"	4'-10"
30"	4'-0"	4'-7"	5'-8"
36"	4'-0"	5'-3"	6'-5"
42"	5'-3"	5'-11"	7'-3"
48"	5'-10"	6'-7"	8'-0"
60"	7'-0"	7'-10"	9'-8"
DOUBLE	FOR "A" SECTION ONLY		
24"	7'-0"	7'-10"	9'-5"
30"	8'-0"	9'-2"	11'-0"
36"	9'-4"	10'-6"	12'-6"
42"	10'-8"	11'-10"	14'-2"
48"	11'-8"	13'-2"	15'-10"

REINFORCEMENT SCHEDULE, WALLS			
SECTION	WIDTH ("W")	HOR.	VERT.
"A"	4'	#4's AT 9"	#4's AT 10"
	BETWEEN 4' & 7'	#5's AT 9"	#4's AT 10"
	GREATER THAN 7'	#5's AT 4 1/2"	#4's AT 10"

TABLE OF "F" & "N" DIMENSIONS				
SECTION	WIDTH ("W")	"F"	"N"	"D"
"A"	BETWEEN 4' & 7'	6" + PIPE THICKNESS	8"	6"
	GREATER THAN 7'	6" + PIPE THICKNESS	8"	8"

REINFORCEMENT SCHEDULE, TOP			
DIMENSIONS	STEEL	SPECIAL PATTERN	
W1 = 7' OR LESS	#4's AT 8" E.W.	DIAGONAL AT COVER	
W2 = 7' OR LESS	#4's AT 8" E.W.	DIAGONAL AT COVER	
W1 = 7' OR LESS	#4's AT 6" E.W.	DIAGONAL AT COVER	
W2 = 7' OR GREATER	#4'S AT 6" E.W.	DIAGONAL AT COVER	
W1 = 7' OR GREATER	#4's AT 6" E.W.	DIAGONAL AT COVER	
W2 = 7' OR GREATER	#4's AT 6" E.W.	DIAGONAL AT COVER	

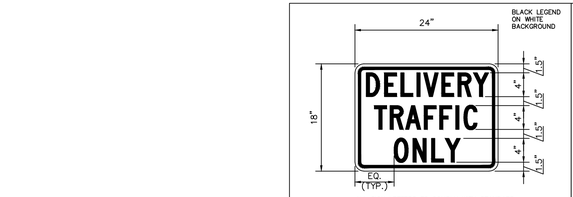
DTSPHNCMH | 10–12–09



REMOTE GARDEN CENTER YARD HYDRANT

N.T.S.

DTUTLBD2 | 02/06/14



"DELIVERY TRAFFIC ONLY" SIGN

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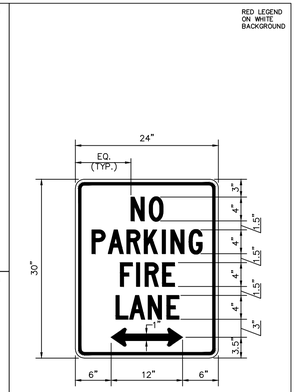
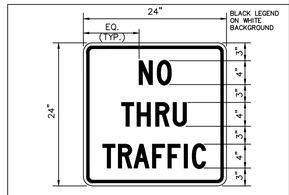


"NO PARKING – FIRE LANE" SIGN

N.T.S.



"NO THRU TRAFFIC" SIGN

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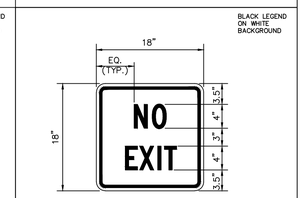

"NO EXIT" SIGN

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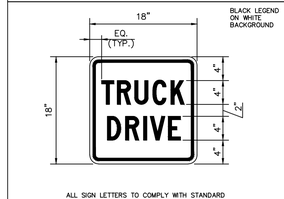

"TRUCK DRIVE" SIGN

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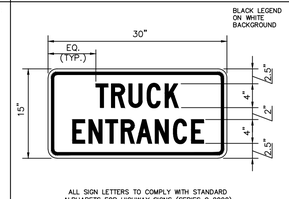

"TRUCK ENTRANCE" SIGN

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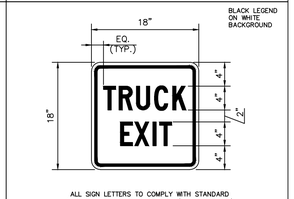

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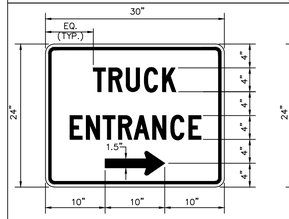

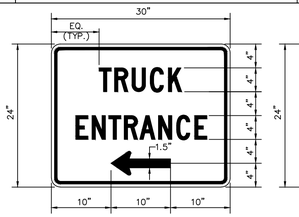

"TRUCK ENTRANCE" SIGN (W/ARROW)

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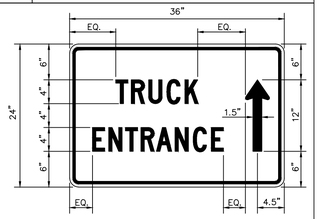

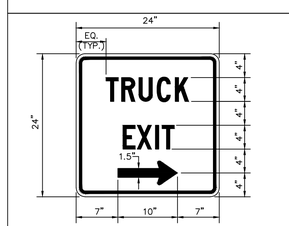

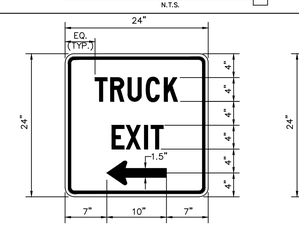

"TRUCK EXIT" SIGN (W/ ARROW)

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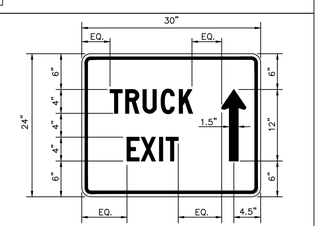

05/14/12 | DTSIGNSP

DATE	REVISIONS	DRAWN BY
8–13–14	REVISED PER CITY COMMENTS	DDK

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PROPOSED WAL-MART SUPERCENTER NO. 1176-06

CITY OF STOUGHTON, DANE COUNTY, WISCONSIN

CONSTRUCTION DETAILS

PROJ. MGR.: TTR
PROJ. ASSOC.: RJS
DRAWN BY: AS
DATE: 5–29–14
SCALE: N.T.S.

SHEET 39 OF 39

WALSTWI 130435

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December 18, 2014 16:19 Dwg Name: P:\Walstwi\dwg\Eng\Final Drawings\Plan Set\14-29-DETAILS.dwg Updated By: jamesbell