

# CONCRETE THRUST BLOCKS TYPICAL FIRE (FLUSHING) HYDRANT 1/4" CU. YD. GRAVEL OR 4" WATER LINE(FOR 4" HYDRANT) -M.J. HUB

CONCRETE BLOCK

THRUST BLOCKS AT TEES

TYPE I TYPICAL FIRE HYDRANT INSTALLATION - M.J.

\*NOTE:
\*\*MACHIGING COUPLING & ELECHY TO BE INCLUDED
\*\*N UNIT COST FOR FRE HODBARI:
\*\*ANALYSES TO BE PAUD FOR SEPARATELY AS (SIZE) WALVE & BOX
\*\*(TO BE USED DALY WHERE NUCLATED
BY THE ENGINEER ON THE PLANS)

\*\*BY THE ENGINEER ON THE PLANS)

\*\*ANCHORI

\*ANCHORING COUPLING

REQUIRED TYPICAL FIRE HYDRANT BLOCKING BLOCKING (AS PER DETAIL THIS SHEET)

2' MIN.

2' MIN. ROADWAY

\*UNLESS OTHERWISE DIRECTED BY ENGINEER

JACK OR BORE WATER LINE

4. MIN.

5' MIN.

\*\* GATE VALVE & BOX

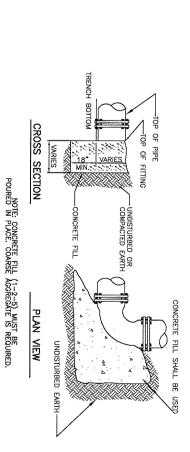
TYPICAL

PARISH STREET CROSSING

'D. WATER LINE OR SERVICE LINE

- ONTE WAYES SHALL BE INSTALLED ON 8-NICH FIRE HYDRANT LEADS ONLY.
  ALL FIRE HYDRANTS AND VALVE BOXES SHALL BE INSTALLED TO MATCH THE FINISHED
  ELEVATION OF ALL NEW OR EXISTING SIDEMALYS.

- CONCRETE SLAGS ANOIND ALL WAVE BOXESS SHALL BE POURED CIRCULAR OR CONCRETE SLAGS ANOIND OL MUSE BOXES SHALL BE POURED CIRCULAR OR URE TO THE DIMENSONS SHOWN ON THE DEFINITIONS, WALES AND THE PROBAMIS (NO DIRECT PAYALYI). ITS CHANGT BE CONCRED WITH CONCRETE. ITS CHANGT BE CONCRED WITH CONCRETE. CONCRETE POURED IN PLACE CHANGT BE BACKFILLED FOR 24 HOURS MAINUM. COLLE JOINT FITTINGS OR PIPE ARE ALLOWED ON ANY MAIN LINE OR SERVICE LINE. FITTINGS, WILES, THE FROMWIS FER AND SERVICE LINES WITH CORPORAT IN SECTIONALS. FEEDFAININGS, WILES, THE FROOT OF PIPE REQUIRED IN ADDITION TO TYPEAL HYDRAMT ISSUELLABOURD. SEEDFAININGS TO STEEL CASING.
- FRE (Flushing) hydrants shall conform to section 18-82, afficle 2.c of the specifications, except that no pumper nozzle shall be provided. All fire hydrants in this project are for flushing purposes colly. PIPE INSTALLED MUST BE AT LEAST 5 PIPE DIAMETERS. PIPE ARE WHEN INSTALLING M.J. FITTINGS.





12.	<b>10</b> *	œ	œ.	SIZE	
10	7	O.	3	PIPE SIZE PLUG OR 90' BEND	THRL
ж	+	2.5	2	45" BEND	JST BLOCK BE
G <sub>1</sub>	3	2	1.5	221/2 BEND	ARING AREA IN
7	G.	4	3	TEE	THRUST BLOCK BEARING AREA IN SQUARE FEET
				MINIMUM COUNT OF BLOCKS	Т

CABLE TIE (APPROVED BY ENGINEER) -

GATE VALVE -

COPPER WIRE (DETECTION WIRE)

-NOTE: TWIST WIRE TOGETHER IF MORE THAN ONE WIRE

VALVE BOX

BARE WIRE FROM HERE TO-THE END OF WIRE IN VALVE BOX

-TIE EVERY 50'

Reg. No. 21843
REGISTERED
PROFESSIONAL ENGINEER

CHI ENGINEERING

1/10/08

Succes

TODD A. VINCENT

SATE OF LOUISING

TYPICAL DETECTION WIRE INSTALLATION

## NOTES:

SMB

DATE

OCTOBER 12, 2007

SCALE

NIS

1. ALL CONCRETE SLASS AROUND ALL WAYE BOXES SHALL BE POURED CIRCULAR OR SOLMAR TO THE DIRENSIONS SHOWN ON THE DETAIL SHEET.

2. A CONCRETE THRUST CHOCK IS REQUIRED UNDER ALL FITTINGS AND VALVES (NO DIRECT PAYMENT).

3. BOLTS CANNOT BE COVERED WITH CONCRETE.

4. CONCRETE (1-2-5) MUST BE MIXED THOROUGHLY PRIOR TO BEING POURED IN PLACE.

5. ALL CONCRETE POURED IN PLACE CANNOT BE BACKPILLED FOR 24 HOURS MINIMUM.

6. NO GULLE JOINT FITTINGS OR PIPE ARE ALLOWED ON ANY MAIN LINE OR SERVICE LINE.

7. ALL FITTINGS, WALVES, PIPE, AND SERVICE LINES MUST CONFORM TO THE TECHNICAL SPECIFICATIONS.

MINIMUM LENGTH OF PIPE INSTALLED MUST BE AT LEAST 5 PIPE DIAMETERS. PIPE ENDS MUST BE SQUARE WHEN INSTALLING M.J. FITTINGS.

train fittings to steel casing.

## PROJECT NO.

8818-67

#ILE NO.

0-0-00

ACAD. DWG. NO.

DAIA\(8818-47\) Water Details

SHEET

## ENGINEER TAV DRAWN BY SMB FOF W.

### WATERLINE EXTENSION TO DEERE PARK SUBDIVISION

R		
ATERWORKS	DISTRICT NO.	1
CATED IN SECTI	ION 1. T-12-S. F	₹—

JK .	
ATERWORKS	DISTRICT NO. 1
CATED IN SECTI	ON 1, T-12-S, R-3-E
RMILION PARISH	I, LOUISIANA

SHEET DESCRIPTION  WATER DETAILS		12/31/07	DATE	REV
Sellers & Associates, Inc. ENGINEERS Lafayette - Abbeville  SURVEYORS PLANNERS Louisiana		SMB	ВҮ	'ISIONS

CONCRETE FILL -

UNDISTURBED EARTH

