

SERVICE 33036

NEW BEDFORD WATER WORKS
APPLICATION FOR SERVICE AND METER

NEW BEDFORD APR 20, 2005

I HEREBY ACKNOWLEDGE the receipt of a copy of the Regulations prescribed in the Ordinance of the City, for the use of Water, and I request that the water may be furnished through a

1 inch CITY meter at COMM. BLDG.
CHURCH ST. (W.S.) OPP. IRVINGTON ST

at such rates as may from time to time be established by the City.

I hereby agree to pay promptly the bill for the Service pipe laid down for my premises, and to pay all dues for water, and I agree to conform to the said Regulations and to all provisions of the Water Ordinances, until written notice is given by me or my agent to cut off the supply.

SEWER PERMIT

#23675

P. 113/2.3

John M. Keliher

404 Nash Road New Bedford MA
02746

TELEPHONE 508-961-2895

Service laid Size and kind of pipe 1 COPPER

From CHURCH ST St.

Turned on Meter Set

Reading Location OFFICE CLOSET

Building rates Paid

Cost of Service 872.00 Paid

31-727

Church St. (WS) opposite Irvington St. Ser. # 33036

Measures of 1" Curb Stop:

S x S line Irvington St.	66.5 ft.
S x hydrant # 50775	63.5 ft.
E x W line Church St.	4.4 ft.
S x N line building	61.4 ft.
S x N line building	2.0 ft.
E x E line building	80.8 ft.

Work done: August 1, 2005

Inspection	\$ 30.00
2 - 1" Meter cplgs. @ \$6.00 each	\$ 12.00
Turn on charge	<u>\$ 30.00</u>
	\$ 72.00

Cardoso Contracting PERMIT # 215-05

2-1" meter cplgs 8/11/05



Department of Public Infrastructure

Jamie Ponte
Commissioner

CITY OF NEW BEDFORD

Jonathan F. Mitchell, Mayor

NEW WATER SERVICE

Water
Wastewater
Highways
Engineering
Cemeteries
Park Maintenance
Forestry
Energy

DATE OF INSPECTION: Aug 23, 2018 TIME OF INSPECTION: 11:00AM

CONTRACTOR: WC Smith & Sons CONTACT # _____

LOCATION: 325 Church St. LOT # _____ SERVICE # 34011

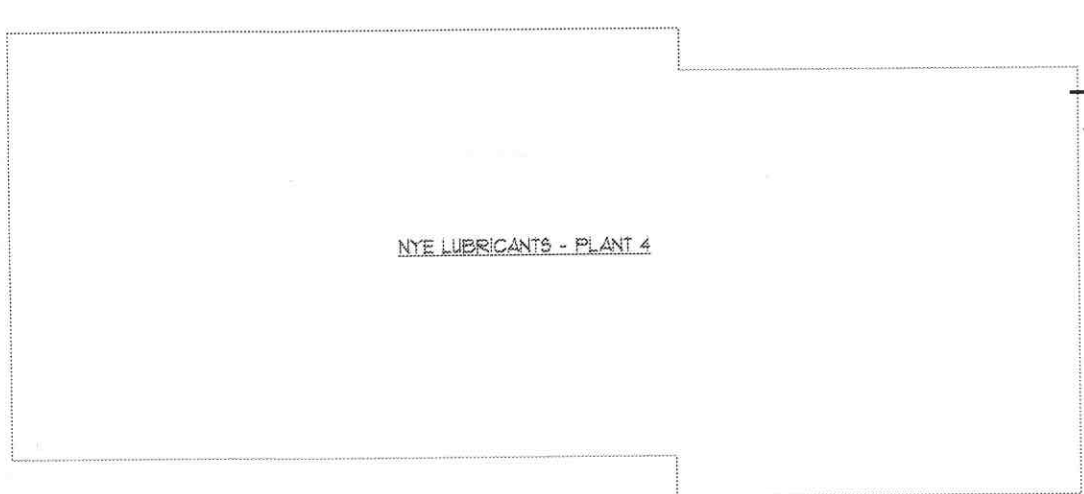
SIZE OF SERVICE: 8" KIND OF PIPE: Ductile

FOREMAN SIGNATURE: Manuel Rose

NEAREST STREET TO BOX	<u>NXNL Lowington St</u>	<u>61.0'</u>
OTHER LOCATION TO BOX	<u>SX N Property line</u>	<u>11.0'</u>
PROPERTY LINE TO BOX	<u>EX WL Church St.</u>	<u>19.0'</u>
CORNER OF BUILDING TO BOX		
CORNER OF BUILDING TO BOX		
HOUSE TO BOX		
MAIN TO PROPERTY LINE	<u>EX WL Church St.</u>	<u>20.00</u>
PIPE INSIDE PROPERTY		<u>232.0'</u>

MEASUREMENTS OF DUCTS OR CABLES

REMARKS: Contr. installed 48' of Pipe, more pipe to be installed to Bldg.



GENERAL NOTES & SPECIFICATIONS

- SCOPE:
- (1) Sprinkler Contractor to begin at an 8" DI CL flange installed by others approximately 12" above FF where shown on these plans. Sprinkler Contractor to provide all materials, labor, lift equipment and specialized tools to install a complete sprinkler system at the roof, where shown in the office space and in the storage racking meeting all requirements on these plans, the owner's insurance carrier, NFPA 13, NFPA 30, the Massachusetts Building/Fire Code, and the City of New Bedford Fire and Building Departments.
 - (2) The Sprinkler Contractor shall complete all required system testing.
 - (3) The Sprinkler Contractor shall be responsible for flushing the proposed 8" DI CL underground main at a rate of not less than 1560 gpm before installation of the backflow assembly. The Sprinkler Contractor is not responsible for the installation of the main.
 - (4) The Sprinkler Contractor shall be responsible for obtaining and paying all required fees for the permitting of installation work with the city and state including the backflow assembly installation, permitting and testing.
 - (5) All office area existing ceiling tiles are to be replaced with FM Global Approved drop out type tiles. Sprinklers are not required in this area except as noted.
 - (6) Coordinate installation of rack barrier systems with the in-rack system. The rack barriers will be provided and installed by the owner.

- APPROVALS:
- (1) All equipment, materials and installation shall be UL Listed and meet the requirements of the owner's insurance carrier. All equipment and materials to be manufactured in the USA or Canada.
 - (2) These bid/design/installation plans have been submitted to the owner's insurance company and have been approved.
 - (3) Submission to the City of New Bedford is the requirement of the Sprinkler Contractor. Stamped plans, hydraulic calculations and Construction Control Document forms will be made available for this purpose.

- MATERIALS:
- (1) Materials and equipment so listed on these plans shall be specifically as indicated or approved exact equals.
 - (2) Pipes 1" and 1 1/4" pipes to be black steel schedule 40 with plain cast threaded fittings. Pipe 1 1/2" and larger to be black steel schedule 10 with rolled groove couplings/fittings and drill-in type mechanical outlet fittings. Welded outlets are also acceptable.
 - (3) Drain Pipes: To be externally/interally galvanized with galvanized fittings.
 - (4) Hangers: To be plated adjustable band type spaced at maximum 12'-0" on-center for pipes 1" to 1 1/4" in diameter and 15'-0" on-center for all larger sizes. Hangers to be as detailed.

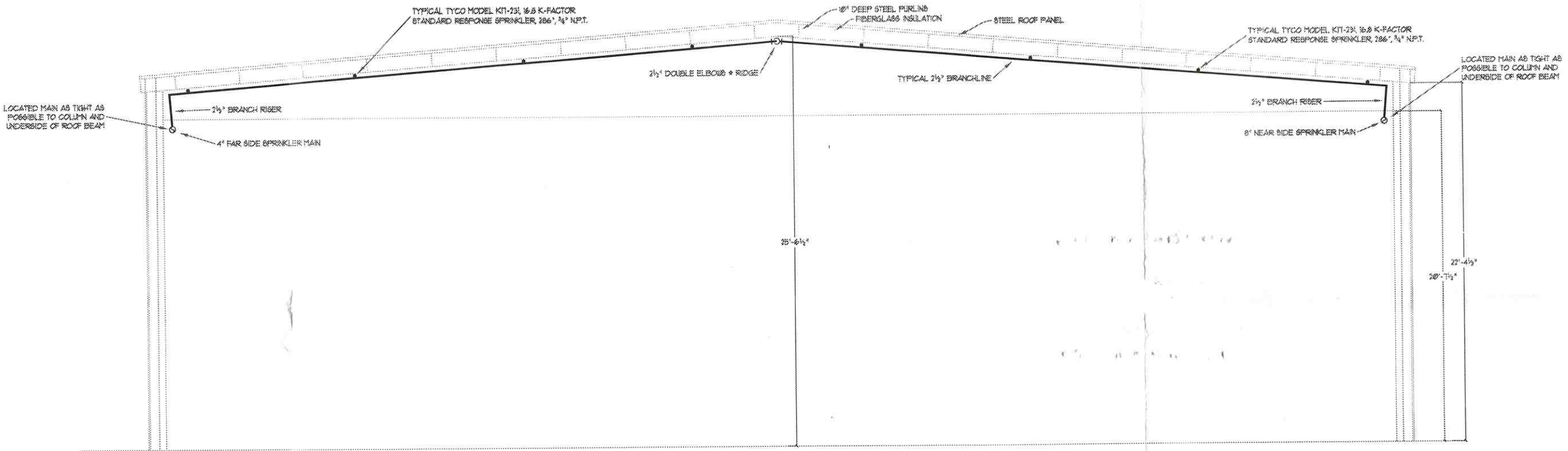
- SEISMIC BRACING:
- (1) To be installed per the requirements of NFPA-13, 2013 edition.
 - (2) Bracing hardware to be as detailed. Wire style bracing will not be accepted.

- OCCUPANCY & DESIGN:
- (1) All storage in this building are Class IIIB combustible liquids.
 - (2) NFPA-30, Table 5-2.2.2 - palletized storage of metal non-relieving drums up to 60 gallon capacity palletized to 18" high - 0.35 density over 3000 area.
 - (3) NFPA-30, Table 5-2.2.2 - double high stacked on floor (not in racks) of steel venting IBCs - 0.50 density over 3000 area.
 - (4) NFPA-13, Table 15.2.6.6 Column A - palletized storage of empty plastic 5 gallon containers to 15' or 20' high (same requirement) - 0.45 density over 2000 area.
 - (5) NFPA-30, Table 5-2.3.5 - single 4 double row rack storage of filled 5 gallon plastic containers on pallets - 5 x 4' levels high to 20' maximum. Design Scheme 'A' in-racks with solid barriers at the 12' elevation and at the 20' elevation with no storage above the highest barrier level. This design will also protect steel un-vented palletized containers stored in the racks as per above. Note, the rack system design is based on rack operation only with no balanced contribution from the roof system.
 - (6) Based on the above, the roof system has been designed for the highest hazard - 0.50 gpm/sqft density over 3000 sqft area plus 500 gpm exterior hose at a street hydrant. Roof sprinklers to be high temperature, standard response, K-16.8 uprights.

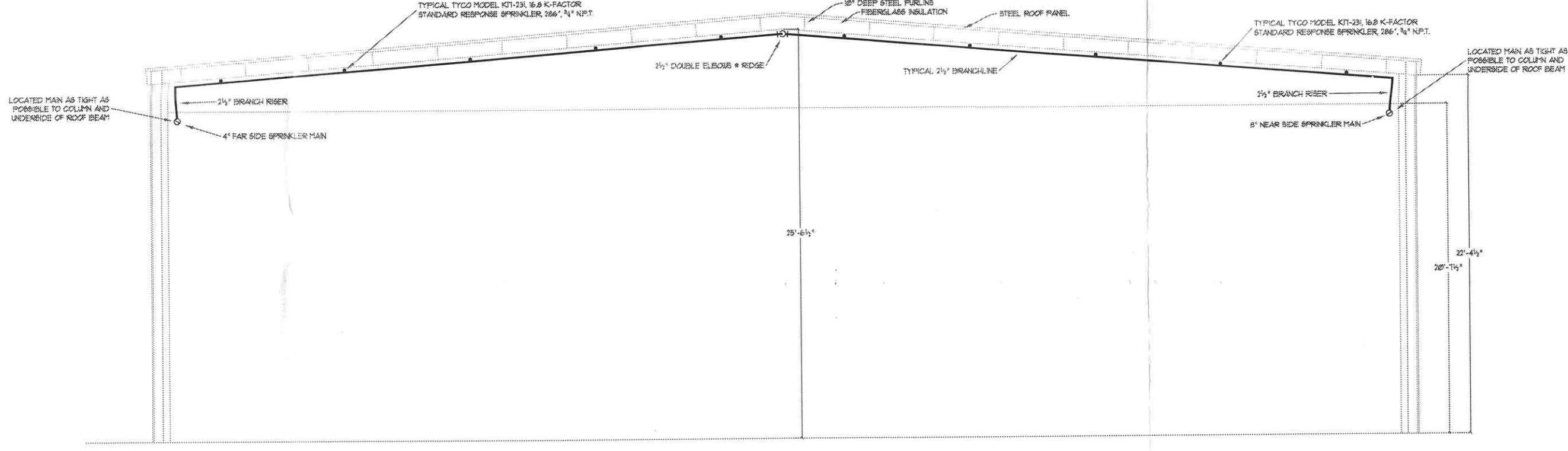
- OTHER REQUIREMENTS:
- (1) Spare sprinklers 4 cabinet per NFPA-13 requirements
 - (2) Design placards on riser
 - (3) Metal signs on all control valves, main drains, auxiliary drains, test connections
 - (4) Connection of all sprinkler alarm devices (flow switches, tamper switches) to an approved, monitored fire alarm panel. Arrangement to meet requirements of the New Bedford Fire Department.

- FINAL ACCEPTANCE/TESTING:
- (1) Hydrostatic pressure test of underground fire service (responsibility of underground installation contractor. Test requirements - 200 psi for 2 hours minimum.
 - (2) Underground Contractor's Material 4 Test Certificate (responsibility of underground installation contractor)
 - (3) Flushing of underground fire service main at 1560 gpm until clean.
 - (4) Hydrostatic pressure test of all interior sprinkler piping including RDC piping at 200 psi for 2 hours minimum.
 - (5) Above Ground Contractor's Material 4 Test Certificate
 - (6) Adjusting and testing all alarm devices directly connected to the sprinkler system.
 - (7) Closely inspect final placement of all in-rack piping and in-rack heads in the racks.
 - (8) Instruct key owner's employees as to operation and shut down of the sprinkler systems.

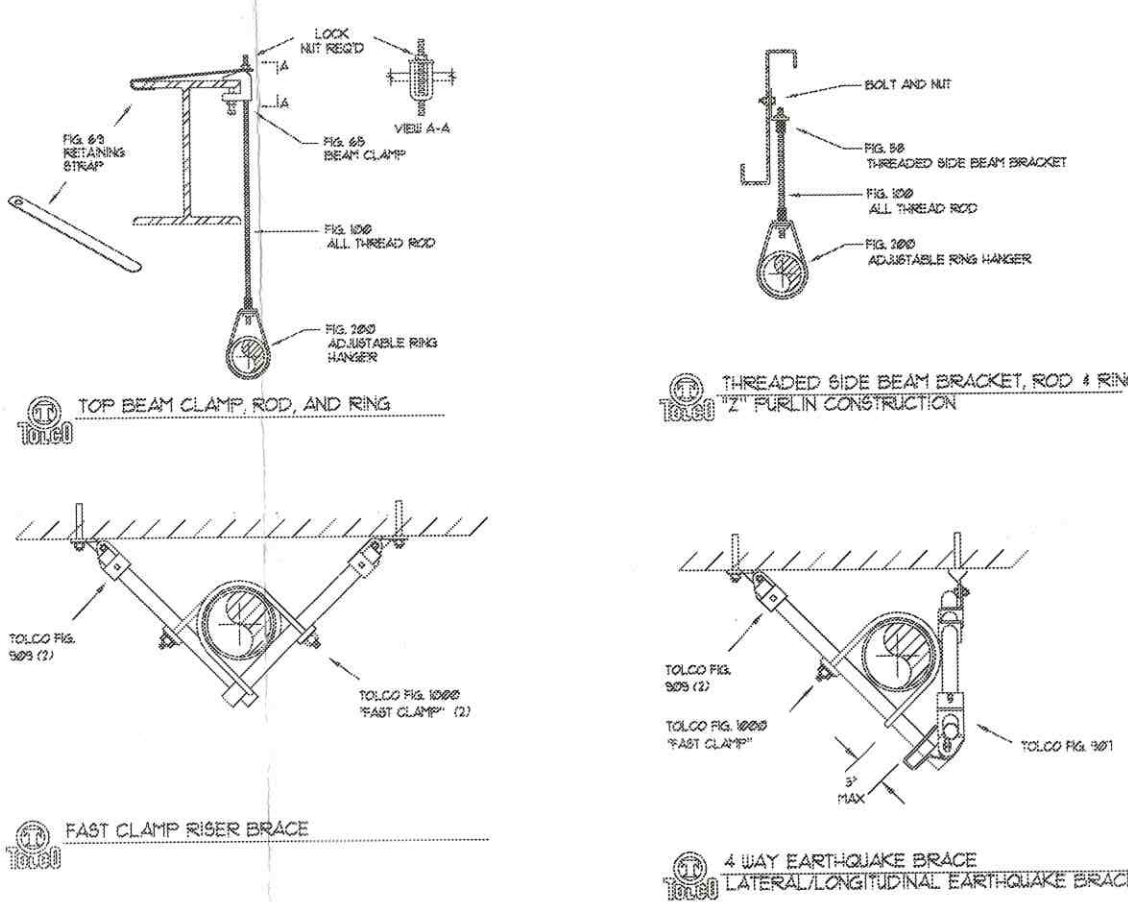
SITE PLAN
SCALE: 1" = 30'



BUILDING SECTION 'C - C'
SCALE: 1/4" = 1' - 0"



BUILDING SECTION 'A - A'
SCALE: 1/4" = 1' - 0"



Fire Protection
Services

PROFESSIONAL FIRE PROTECTION ENGINEERS
FIRE PROTECTORS ENGINEERING +
HYDRAULICS SPECIALISTS +
CODE CONSULTANTS +
P.O. BOX 88
MADISON, NEW HAMPSHIRE 03045
TEL: 603-883-3411 EXT. 1
E-MAIL: FIRE@FPE-MA.COM

REVISIONS:		
NO.	DATE	DESCRIPTION

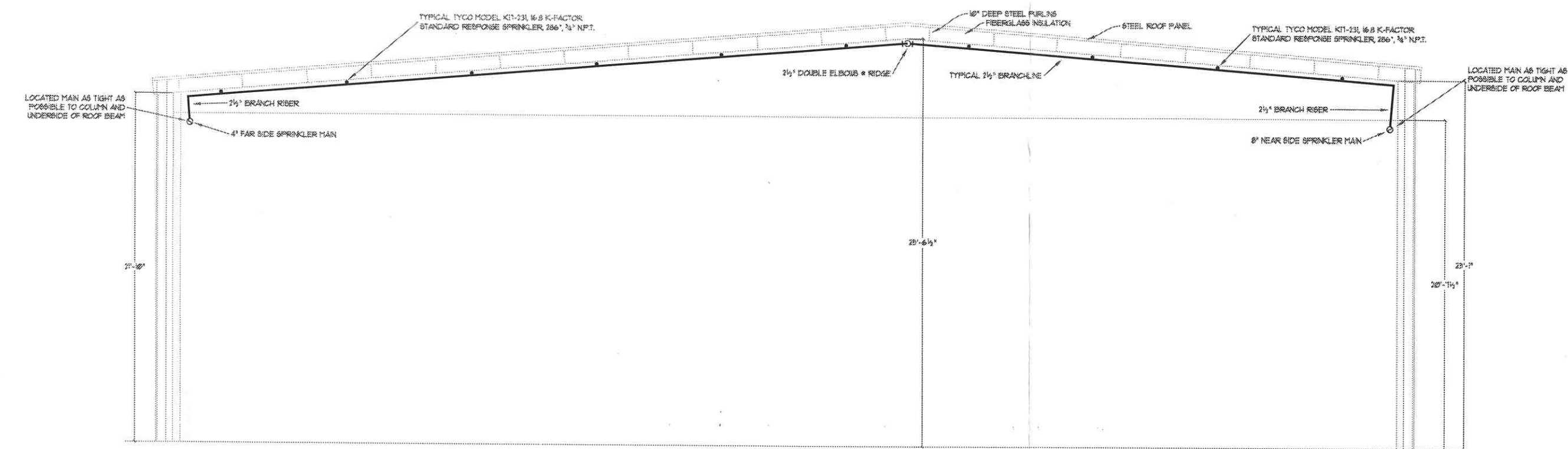
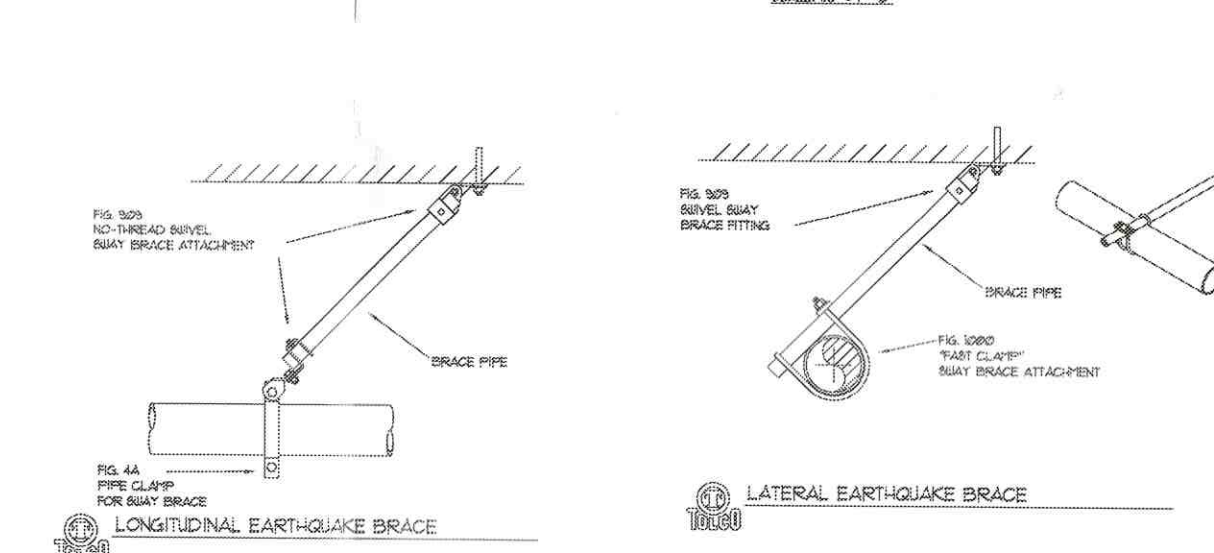
- LEGEND
- Pendant Sprinkler
 - Pendant Sprinkler-1" Drop
 - Upright Sprinkler
 - Upright Sprinkler-1" Sprig
 - Sidewall Sprinkler
 - △ Pipe Rise
 - Pipe Drop
 - Pipe Centerline Abov. FF.
 - Pipe Centerline Below T.O.S.
 - Proposed Pipe
 - Existing Pipe

SCALE: AS NOTED
DATE: SEPTEMBER 25, 2017
CAD JOB NO.: 2000-NYE4
DRAWN BY: D.P. WOOD, P.E.
EIR-DWG TEMPLATE
OWNER:

NYE LUBRICANTS
12 HOWLAND ROAD
FAIRHAVEN, MA 02719

DRAWING TITLE:
PLANT 4
CHURCH STREET
NEW BEDFORD, MA
SPRINKLER SYSTEM
ROOF PLAN, SECTIONS,
DETAILS & NOTES

DRAWING NO.:
FP-2



BUILDING SECTION 'B - B'

10.1