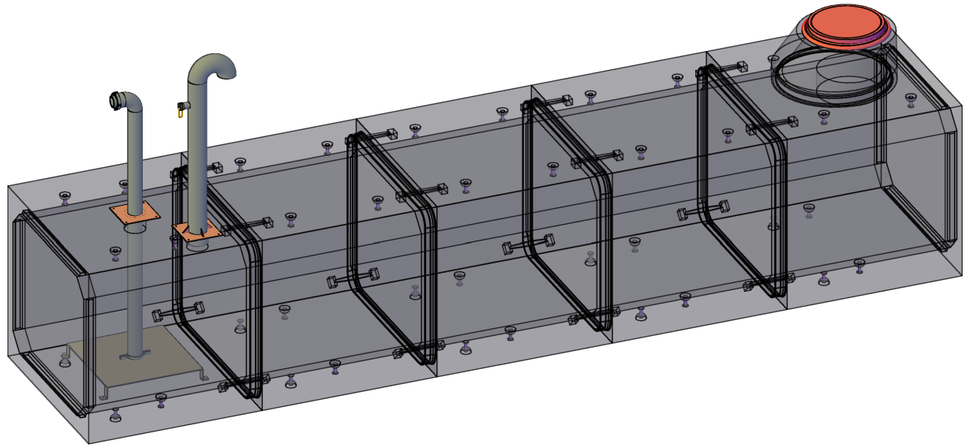
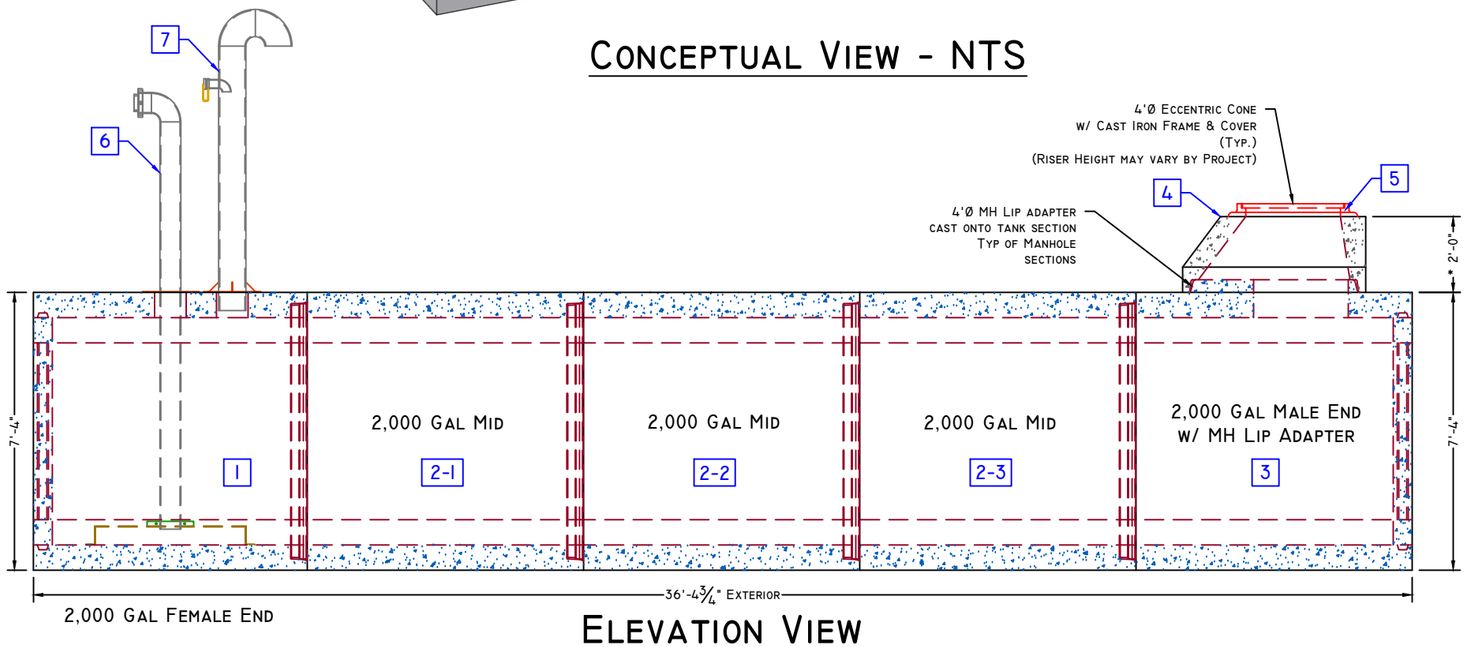


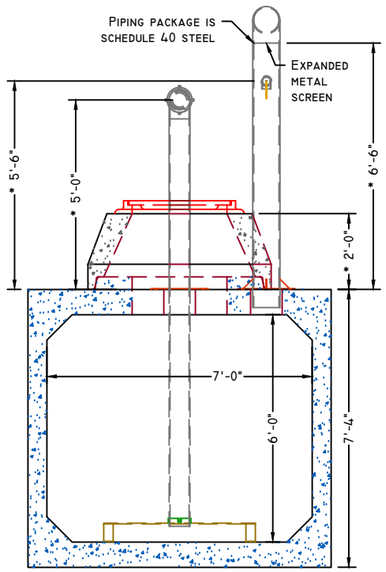
Notes:

- Piping package, including anti-vortex plate, supplied. (Installed by others.)
- Pipe type to be confirmed by Contractor / Local Fire Department prior to production to ensure correct penetration and link seal sizing.
- * Cistern Storage Capacities available in 2000 Gallon Increments.
- * Configured to best meet Capacity & Site Requirements.
- * Riser Height & Piping may vary by project.

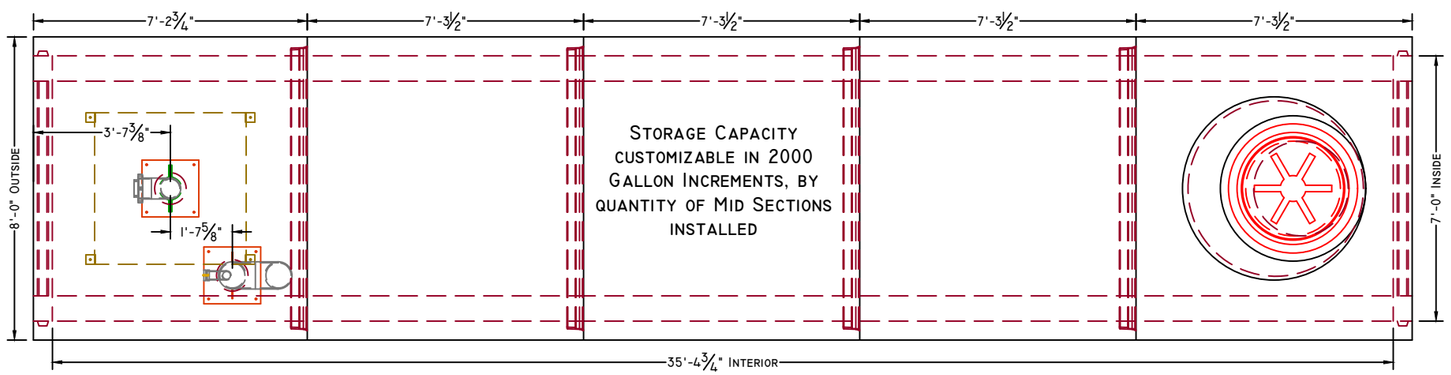
Conceptual View - NTS



Elevation View



End View



Plan View

American Concrete Industries
1717 Stillwater Ave. Veazie , ME
Tel: 207-947-8334
Fax: 866-414-9083

982 Minot Ave. Auburn, ME
Tel: 207-784-1388
Fax: 866-414-9083

Bill Of Materials

ITEM	QTY	
1	(1)	7'x6'x7'-2 3/4" Fem. End Section w/ Wall
		Weight: 21,235 # (2,000gal)
2	(*3)	7' x 6' x 7'-3 1/2" Stock Mid Section
		Weight: 19,085 # / Ea. (2,000gal)
3	(1)	7'x6'x7'-3 1/2" Male End Section w/ Wall &
		MH Lip Adapter Weight: 22,950 # (2,000gal)
4	(1)	4'-0" x 2'-0" Manhole Eccentric Cone
		w/ 30"Ø Opening Weight: 1,920 #
5	(1)	30"Ø Frame & Cover
6	(1)	Dry Hydrant Assembly
7	(1)	Vent Assembly
8	(40)	LPA8T434G Lifting Pin

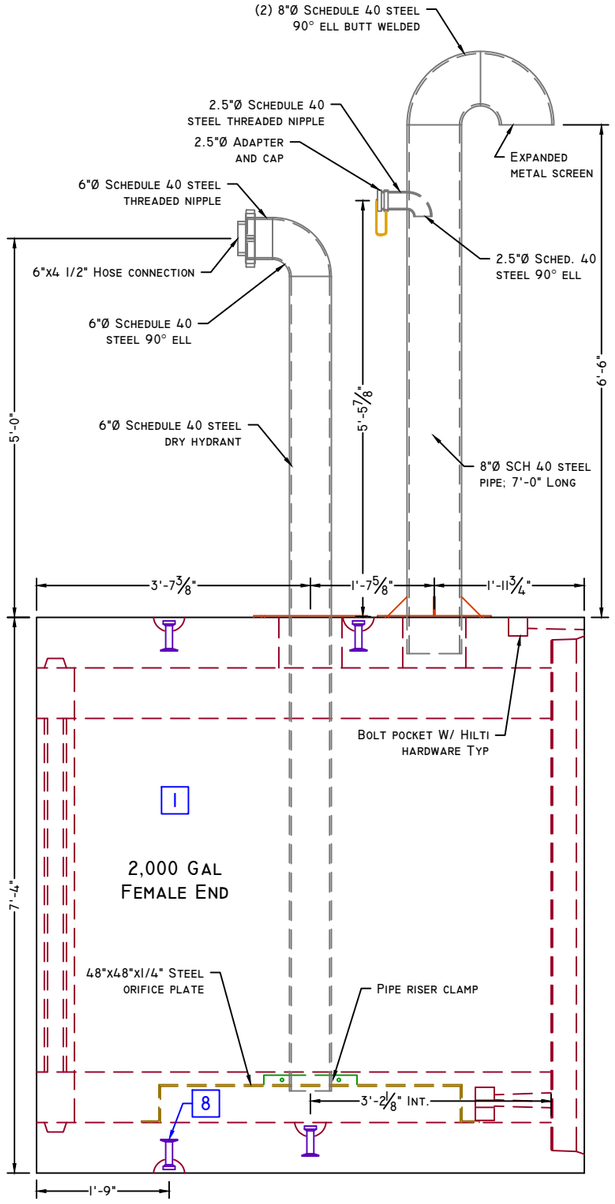
Design Notes:

1. **Concrete**
   - 1.1. Comp. strength min. 5,000psi @ 28 days
   - 1.2. Air-Entrainment: min. 5%-6%
2. **Structural Reinforcement:**
   - 2.1. Bar per ASTM A615, Grade 60
   - 2.2. Designed for H20 wheel load rating
3. **Bar Clearance / Protection:**
   - 3.1. 1.5" CLR Unless otherwise noted
4. **Manufacturing & Materials:**
   - 4.1. Joints sealed W/ Tylox superseal rubber gasket
   - 4.2. Capacity to 6" of tank ceiling: 10,000 gal
   - 4.3. available capacity (maximum): 10,885 gal

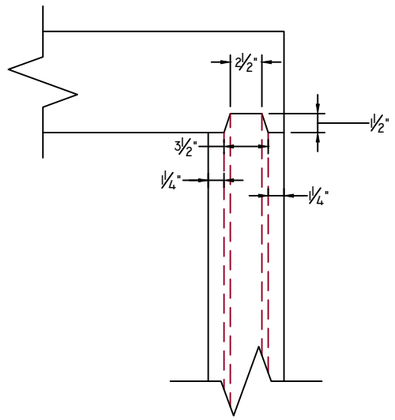
Note: Some details not shown for clarity

SCALE: 1/4" = 1'-0" Unless Otherwise Noted

STRUCTURE NAME: 10,000 Gal Fire Cistern		
JOB NAME: T. B. D.		
LOCATION: T. B. D.		
CONTRACTOR: T. B. D.		
DRAWN BY: ABL	DATE: 10/07/2016	PROJECT MGR:
REV.#: 0.00	DATE: 00/00/00	LI.0

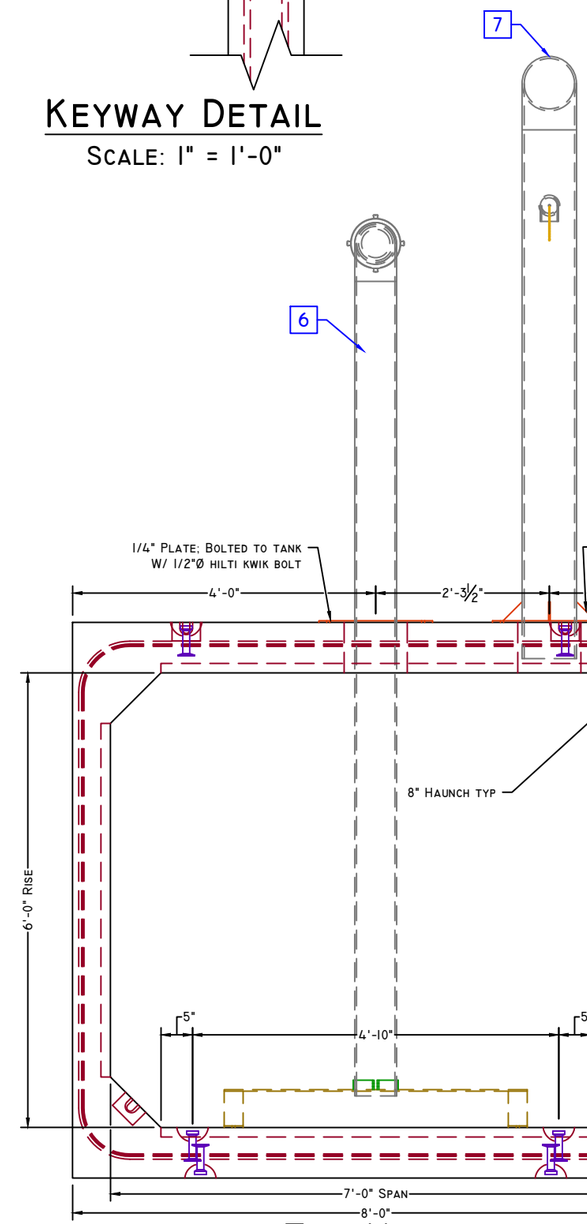


Elevation View

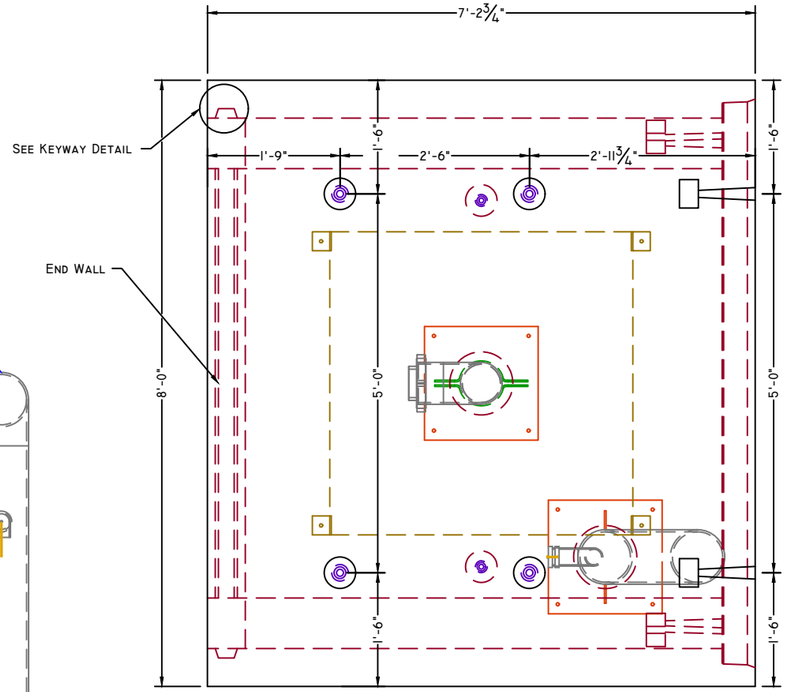


Keyway Detail

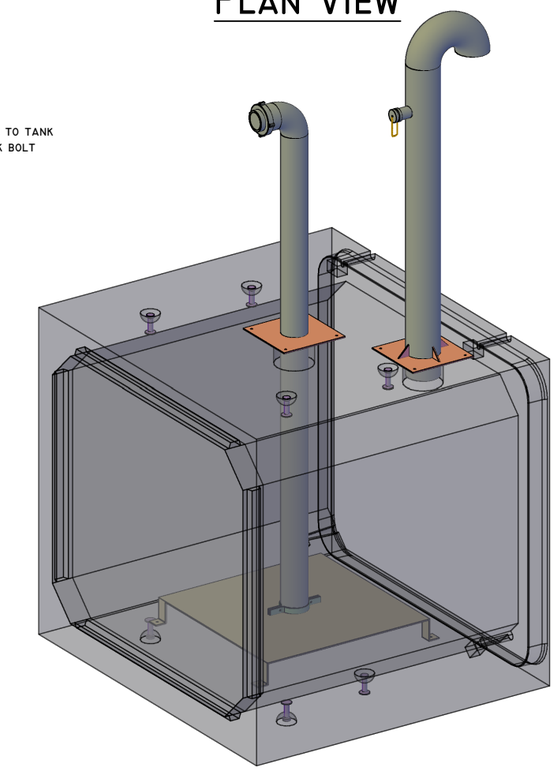
Scale: 1" = 1'-0"



End View



Plan View



Conceptual View - NTS

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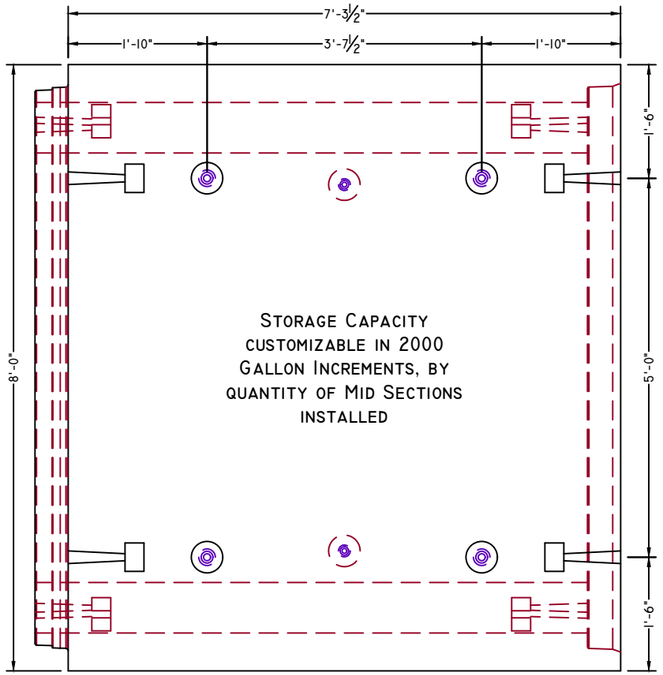
ITEM	QTY	Bill Of Materials
1	(1)	7'x6'x7'-2 3/4" Fem. End Section w/ Wall
		Weight: 21,235 # (2,000gal)
6	(1)	Dry Hydrant Assembly
7	(1)	Vent Assembly
8	(8)	LPA8T434G Lifting Pin

Design Notes:

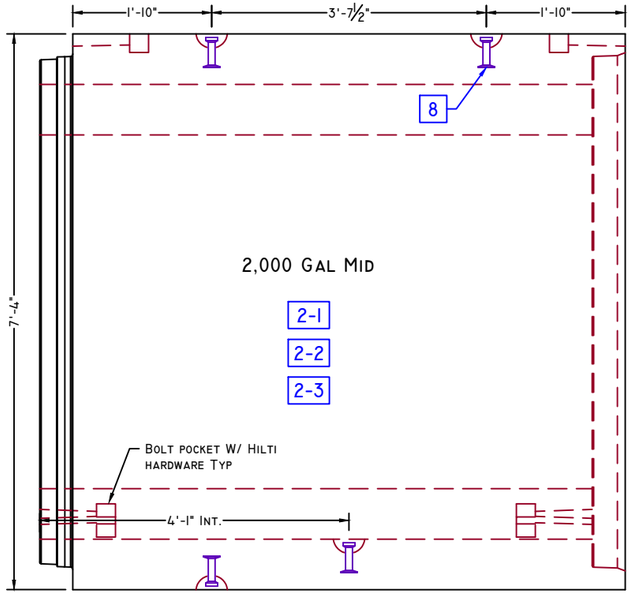
1. **Concrete**
   - 1.1. Comp. strength min. 5,000psi @ 28 days
   - 1.2. Air-Entrainment: min. 5%-6%
2. **Structural Reinforcement:**
   - 2.1. Bar per ASTM A615, Grade 60
   - 2.2. Designed for H20 wheel load rating
3. **Bar Clearance / Protection:**
   - 3.1. 1.5" CLR Unless otherwise noted
4. **Manufacturing & Materials:**
   - 4.1. Joints sealed w/ Tylox superseal rubber gasket
   - 4.2. Capacity to 6" of tank ceiling: 10,000 gal
   - 4.3. available capacity (maximum): 10,885 gal

SCALE: 1/2" = 1'-0" Unless Otherwise Noted

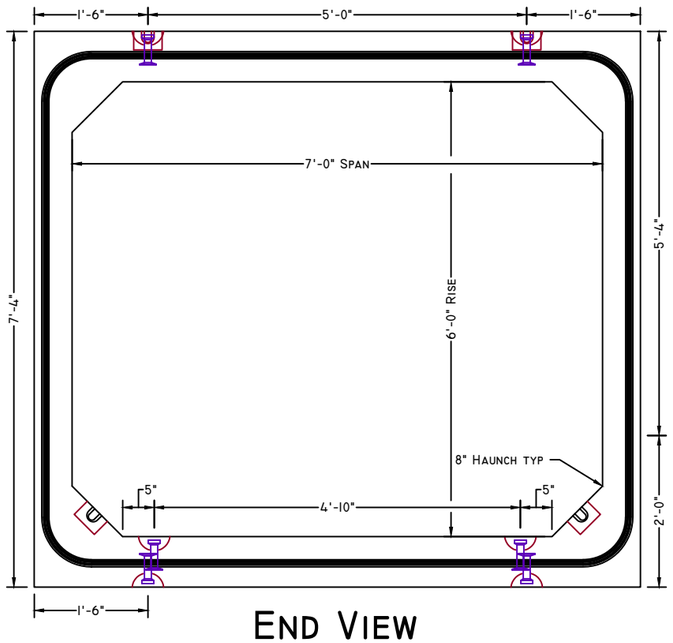
STRUCTURE NAME: 10,000 Gal Fire Cistern		
JOB NAME: T. B. D.		
LOCATION: T. B. D.		
CONTRACTOR: T. B. D.		
DRAWN BY: ABL	DATE: 10/07/2016	PROJECT MGR:
REV.#: 0.00	DATE: 00/00/00	LI.1



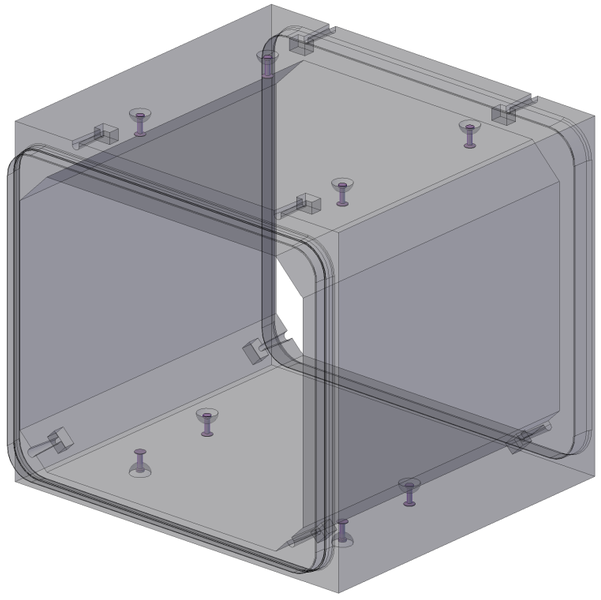
PLAN VIEW



ELEVATION VIEW



END VIEW



CONCEPTUAL VIEW - NTS

American Concrete Industries
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Tel: 207-947-8334
Fax: 207-947-3580

982 Minot Ave. Auburn, ME
Tel: 207-784-1388
Fax: 207-783-4039

ITEM	QTY	BILL OF MATERIALS
2	(*3)	7' x 6' x 7'-3 1/2" STOCK MID SECTION
		WEIGHT: 19,085 # / EA. (2,000GAL)
8	(24)	LPA8T434G LIFTING PIN

DESIGN NOTES:

1. **Concrete**
   - 1.1. COMP. STRENGTH MIN. 5,000PSI @ 28 DAYS
   - 1.2. AIR-ENTRAINMENT: MIN. 5%-6%
2. **Structural Reinforcement:**
   - 2.1. BAR PER ASTM A615, GRADE 60
   - 2.2. DESIGNED FOR H20 WHEEL LOAD RATING
3. **Bar Clearance / Protection:**
   - 3.1. 1.5" CLR UNLESS OTHERWISE NOTED
4. **Manufacturing & Materials:**
   - 4.1. JOINTS SEALED W/ TYLOX SUPERSEAL RUBBER GASKET
   - 4.2. CAPACITY TO 6" OF TANK CEILING: 10,000 GAL
   - 4.3. AVAILABLE CAPACITY (MAXIMUM): 10,885 GAL

SCALE: 1/2" = 1'-0" Unless Otherwise Noted

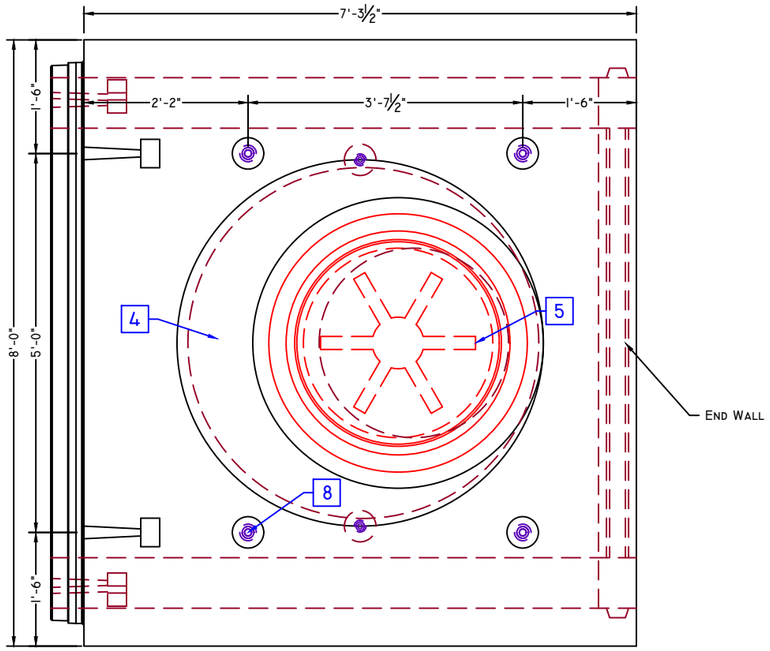
STRUCTURE NAME: 10,000 GAL FIRE CISTERN

JOB NAME: T. B. D.

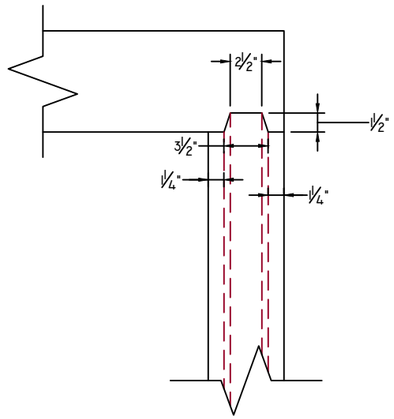
LOCATION: T. B. D.

CONTRACTOR: T. B. D.

DRAWN BY:	DATE:	PROJECT MGR:
ABL	10/07/2016	
REV.#:	DATE:	LI.2
0.00	00/00/00	

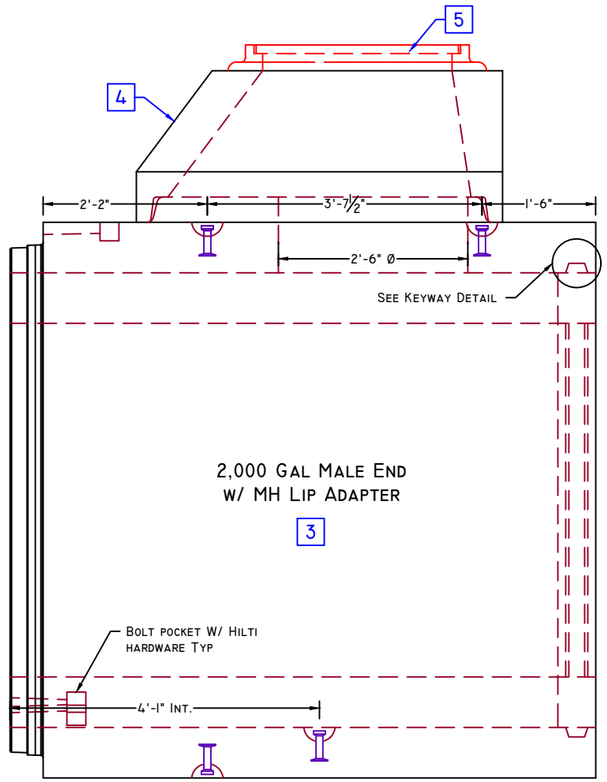


PLAN VIEW

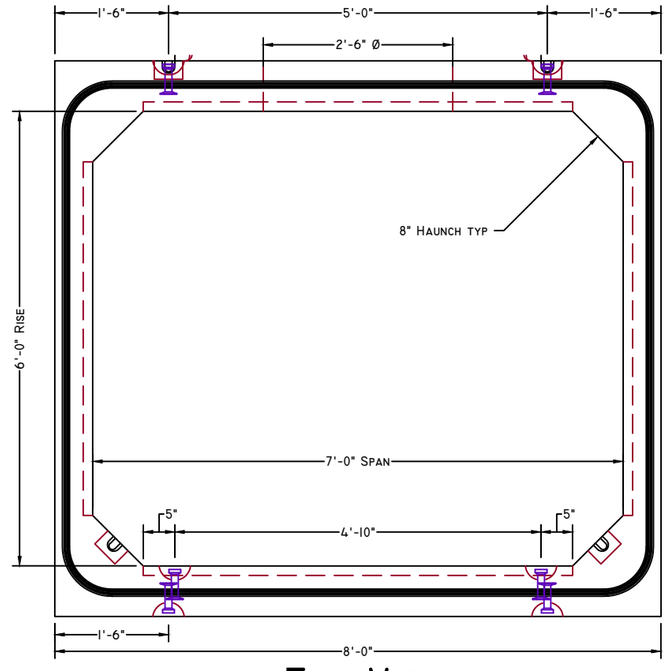


KEYWAY DETAIL

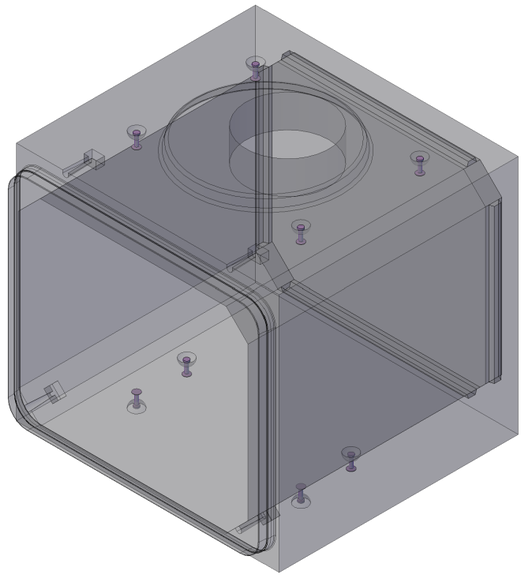
SCALE: 1" = 1'-0"



ELEVATION VIEW



END VIEW



CONCEPTUAL VIEW - NTS

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982 Minot Ave. Auburn, ME
Tel: 207-784-1388
Fax: 207-783-4039

ITEM	QTY	BILL OF MATERIALS
3	(1)	7'X6'X7'-3 1/2" MALE END SECTION W/ WALL &
		MH LIP ADAPTER WEIGHT: 22,950 # (2,000GAL)
4	(1)	4'-0" X 2'-0" MANHOLE ECCENTRIC CONE
		WEIGHT: 1,920 #
5	(1)	30"Ø FRAME & COVER
8	(8)	LPA8T434G LIFTING PIN

DESIGN NOTES:

1. **Concrete**
   - 1.1. COMP. STRENGTH MIN. 5,000PSI @ 28 DAYS
   - 1.2. AIR-ENTRAINMENT: MIN. 5%-6%
2. **Structural Reinforcement:**
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   - 4.1. JOINTS SEALED W/ TYLOX SUPERSEAL RUBBER GASKET
   - 4.2. CAPACITY TO 6" OF TANK CEILING: 10,000 GAL
   - 4.3. AVAILABLE CAPACITY (MAXIMUM): 10,885 GAL

SCALE: 1/4" = 1'-0" Unless Otherwise Noted

STRUCTURE NAME: 10,000 GAL FIRE CISTERN

JOB NAME: T. B. D.

LOCATION: T. B. D.

CONTRACTOR: T. B. D.

DRAWN BY:	DATE:	PROJECT MGR:
ABL	10/07/2016	
REV.#: 0.00	DATE: 00/00/00	LI.3