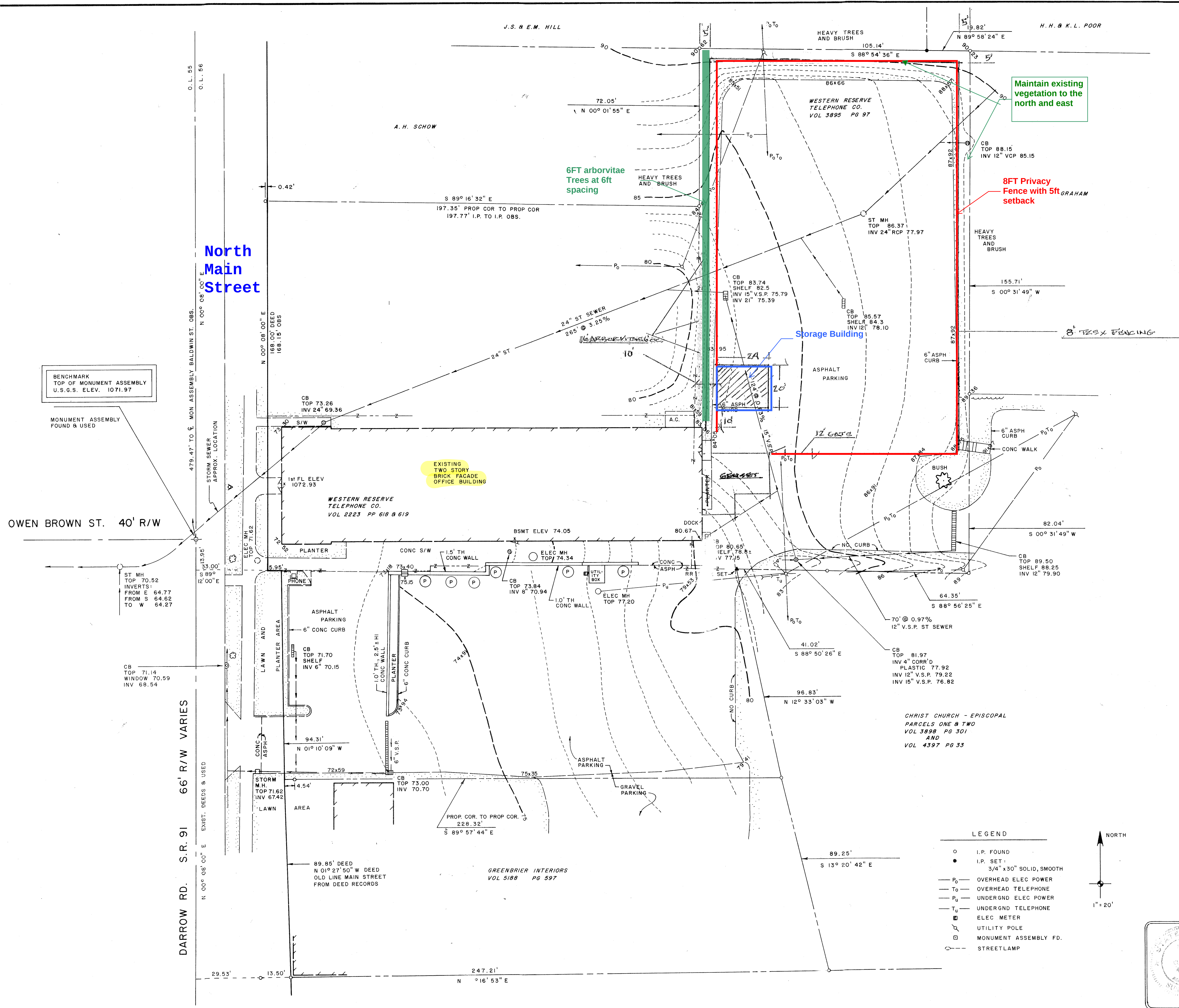


245 NORTH MAIN ST.
HUDSON, OHIO

A-1



BENCHMARK
TOP OF MONUMENT ASSEMBLY
U.S.G.S. ELEV. 1071.97

MONUMENT ASSEMBLY
FOUND & USED

OWEN BROWN ST. 40' R/W

ST. MH
TOP 70.52
INVERTS:
FROM E 64.77
FROM S 64.62
TO W 64.27

CB
TOP 71.14
WINDOW 70.59
INV 68.54

DARROW RD. S.R. 91 66' R/W VARIES

N 00° 08' 00" E EXIST. DEEDS & USED

STORM
M.H.
TOP 71.62
INV 67.42

LAWN
AREA

CONC
ASPH

CONC
S/W

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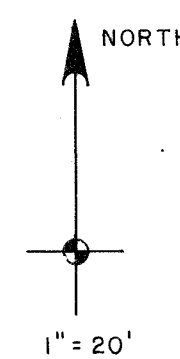
CONC
S/W

CONC
S/W

CHRIST CHURCH - EPISCOPAL
PARCELS ONE & TWO
VOL 3898 PG 301
AND
VOL 4397 PG 33

LEGEND

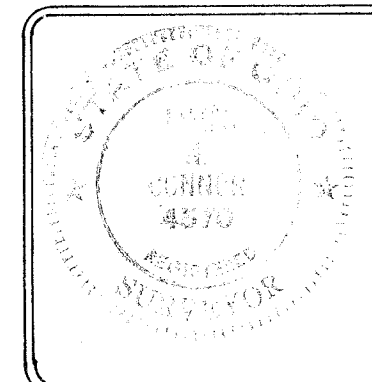
- I.P. FOUND
- I.P. SET
- 3/4" x 30" SOLID, SMOOTH
- P_o OVERHEAD ELEC POWER
- T_o OVERHEAD TELEPHONE
- P_u UNDERGND ELEC POWER
- T_u UNDERGND TELEPHONE
- ELEC METER
- UTILITY POLE
- MONUMENT ASSEMBLY FD.
- STREETLAMP



NOTE
ALL DISTANCES AND BEARINGS OBSERVED
AND USED EXCEPT AS NOTED

BASIS OF BEARINGS
CENTERLINE BEARING OF MAIN ST.
AS PER EXISTING DEEDS

PART OF BLOCK 5 HUDSON VILLAGE

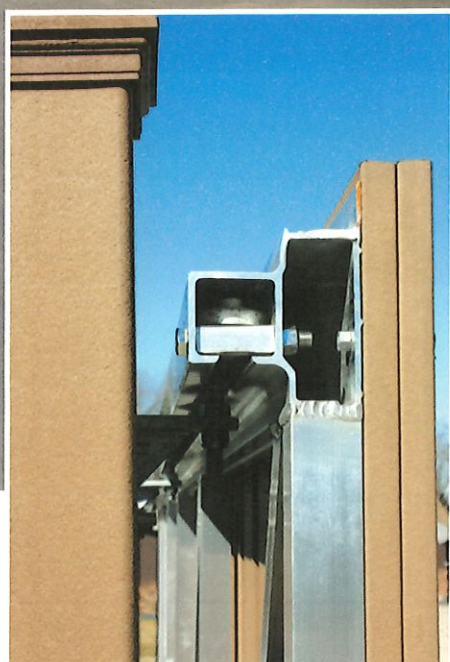


SITE SURVEY
PART OF O.L. 56 FORMERLY HUDSON TWP.
VILLAGE OF HUDSON SUMMIT CO. OHIO
OWNER: WESTERN RESERVE TELEPHONE CO.

drawn: W.C.W.	scale: 1" = 20'	date: AUGUST 1985	proj. no: 857-S
J.C. CONNOR & ASSOCIATES, INC. engineers - architects - surveyors 44 CLINTON ST. HUDSON, OHIO 44236			sheet no: 1/1

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Composite Fencing

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- » No painting, or staining required
- » Resists insect damage and won't warp, rot or splinter
- » Same look on both sides
- » Prebuilt gates offer same look as fencing, providing a seamless finish
- » Trex® 25-Year Residential Warranty
- » Wind rating exceeds 110 mph

BEAUTY AND PRIVACY
FROM EVERY ANGLE.

BEAUTY AND PRIVACY FROM EVERY ANGLE.

Trex Seclusions® offers unprecedented performance and aesthetics. With lasting beauty and low maintenance, it's exactly what you expect from Trex®, the perfect fencing solution for any community.



ALWAYS GREEN

Trex® is made from 95% recycled wood and plastics.



NATURAL MATTE COLOR FINISHES.



Variable heights. Superior strength.



RESIDENTIAL. COMMERCIAL. GOVERNMENT...
there are no limits.

PEACE OF MIND FROM THE TRUSTED BRAND.



INNOVATIVE DESIGN.



- » Unique interconnecting picket design provides unprecedented strength.
- » Clean, finished appearance on both sides - no structural boards visible inside or out.



A TREX® FENCE. HOW NEIGHORLY.

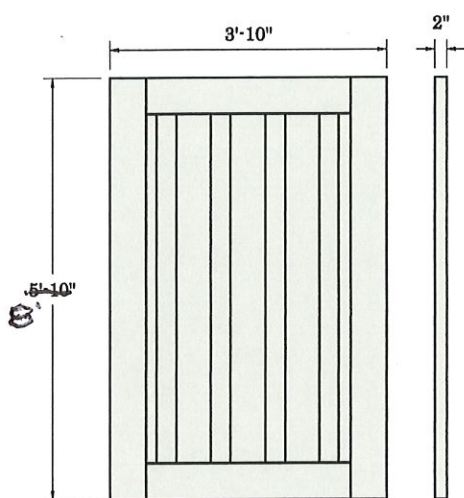
Whether the goal is privacy, safety, or a stunning garden backdrop, a Trex® fence makes for grateful neighbors indeed. Our low maintenance, beauty, and lasting durability outperforms the unsightly, peeling wood variety, while our rich, warm finish enhances backyards miles beyond shiny white vinyl.

THE LOOK OF WOOD WITHOUT THE HASSLES.

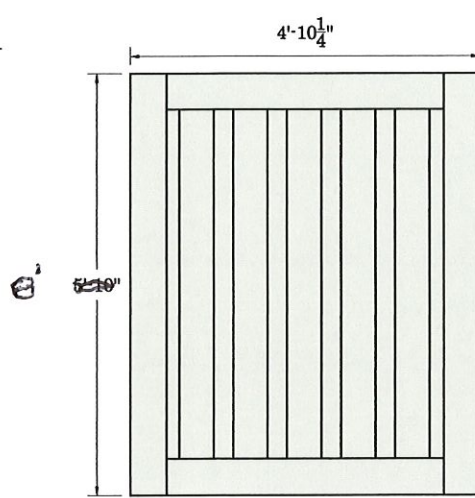
	TREX FENCING	WOOD	VINYL
STUNNING LOOKS	●	●	●
LOW MAINTENANCE	●	●	●
LASTING DURABILITY	●	●	●
EASY TO INSTALL	●	●	●
MIAMI / DADE WIND LOAD CERTIFICATION*	●	SOME	SOME
RICH COLOR CHOICES	●	●	●
TRUE PRIVACY (no gaps between pickets)	●	●	●
GOOD NEIGHOR FENCE (no one gets bad side of fence)	●	●	●
NON-REFLECTIVE SURFACE	●	●	●
STANDARD 5" NOMINAL POSTS	●	●	●
LIMITED RESIDENTIAL WARRANTY (number of years)	25	0 - 12	20+
TOP OUTDOOR LIVING BRAND	●	●	●

*Trex Seclusions® passes Miami/Dade wind load certification tests of 110 mph steady winds and 130 mph wind gusts.

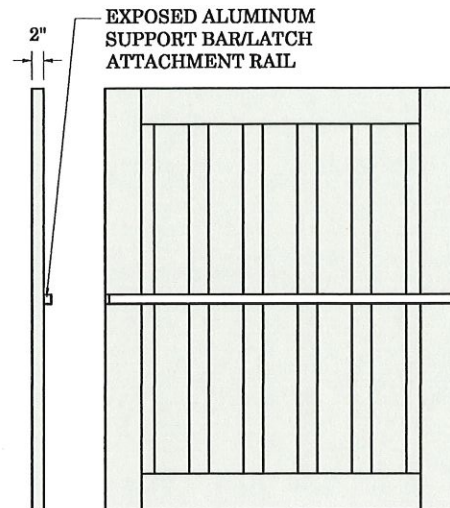
TREX SUPER DUTY GATES



**STANDARD 4' X 6'
WALK GATE PANEL**



STANDARD 10' X 6' DOUBLE GATE PANEL



**EXPOSED ALUMINUM
SUPPORT BAR/LATCH
ATTACHMENT RAIL**

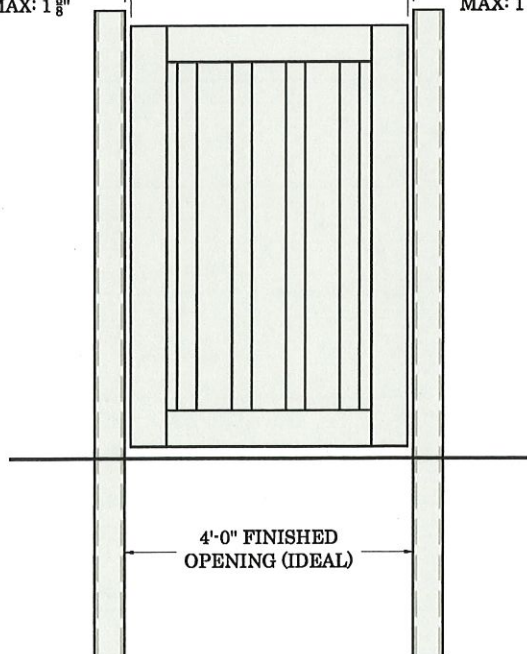
HINGE GAP:
IDEAL: 1"
MIN: 5/8"
MAX: 1 3/8"

LATCH GAP
IDEAL: 1"
MIN: 5/8"
MAX: 1 1/2"

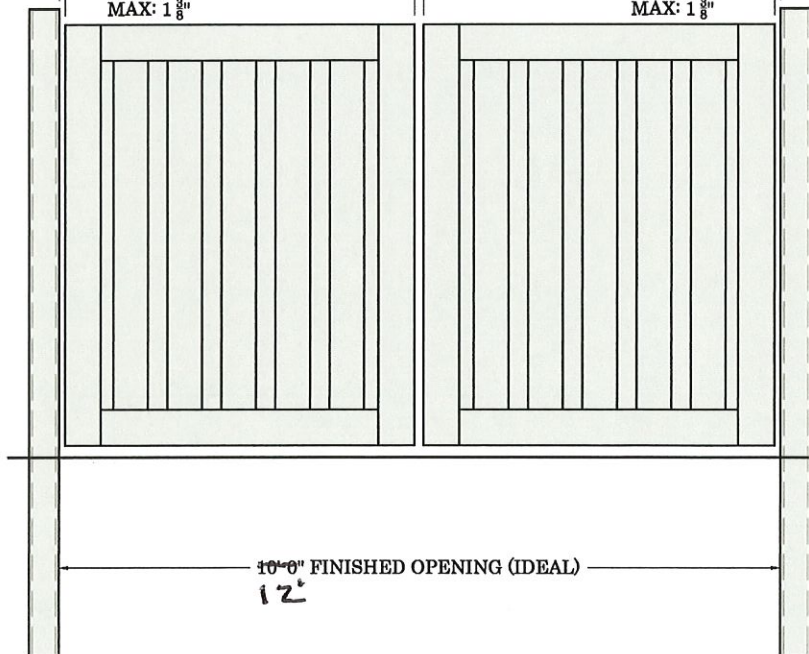
HINGE GAP
IDEAL: 1 1/8"
MIN: 5/8"
MAX: 1 3/8"

LATCH GAP
IDEAL: 1 1/4"
MIN: 5/8"
MAX: 1 1/2"

HINGE GAP
IDEAL: 1 1/8"
MIN: 5/8"
MAX: 1 3/8"



**4'-0" FINISHED
OPENING (IDEAL)**



10'-0" FINISHED OPENING (IDEAL)

NOTE:

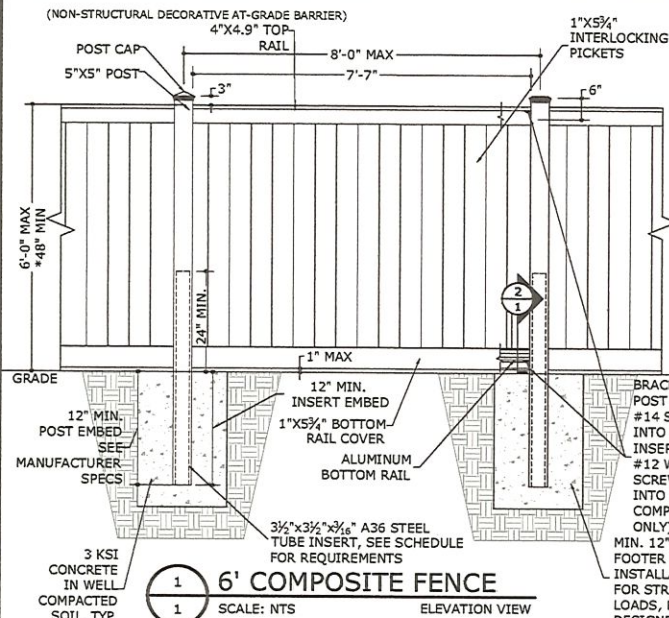
- HARDWARE MEASUREMENTS BASED ON D&D LOKK LATCH DELUXE & D&D TRU-CLOSE HD 2-LEG ADJUSTABLE HINGES.
- DRAWING NOT TO SCALE

1-855-620-TREX(8739)

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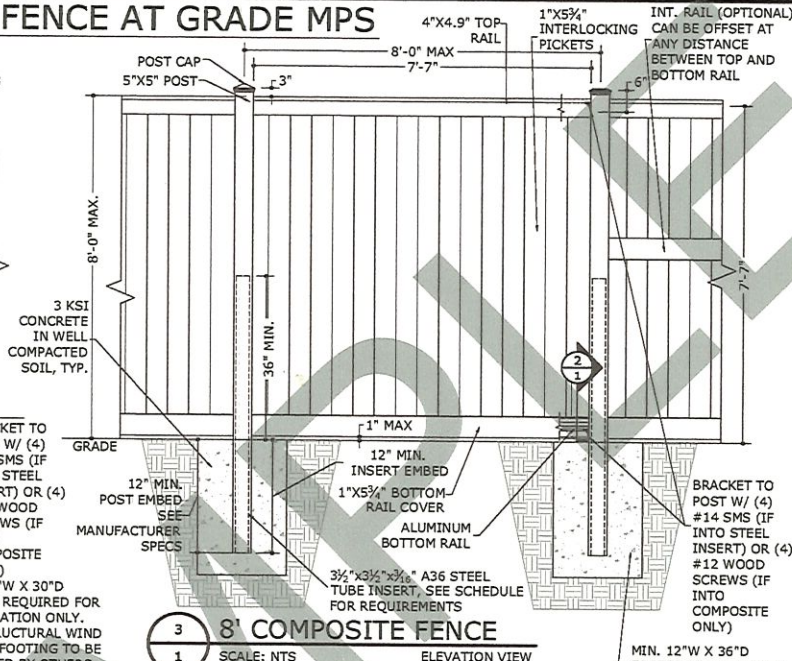
V:\Projects\15-2692a Multiple Fence and Gate Design - Existing Master Sheet - Update 13-FENCE\0115-2692a.dwg (D) MPS ET FENCE.dwg
03/13/2018 - 10:34am
15-2692a

6'-8' TREX SECLUSIONS COMPOSITE FENCE AT GRADE MPS



6' COMPOSITE FENCE

SCALE: NTS ELEVATION VIEW



8' COMPOSITE FENCE

SCALE: NTS ELEVATION VIEW

DESIGN PRESSURE & REQUIRED FOOTER MOMENT

POST HEIGHT (FT)	POST SPACING (FT)	VULT (MPH)	DP (PSF)	INSERT REQUIRED?	REQ MOMENT (LB-FT)
6	8	110	16.3	NO INSERT	2347.2
6	8	115**	19	NO INSERT	2736
6	8	130	22.8	NO INSERT	3283.2
6	8	145	28.4	NO INSERT	4089.6
6	8	165	36.8	INSERT	5299.2
6	8	180	43.8	INSERT	6307.2

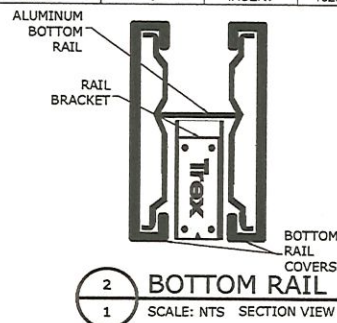
**REQUIRED WINDSPEED IF WITHIN HVHZ

POST INSERT, FOOTER MOMENT & INTERMEDIATE RAIL REQUIREMENTS

POST HEIGHT (FT)	POST SPACING (FT)	VULT (MPH)	DP (PSF)	NO. OF INT. RAILS REQUIRED	INSERT REQUIRED?	POST REQ MOMENT (LB-FT)
8	8	110	16.5	0	NO INSERT	4224
8	8	115	18.1	0	NO INSERT	4634
8	8	130	23.1	0	INSERT	5914
8	8	145	28.7	0	INSERT	7347
8	8	165	37.2	0	INSERT	9523
8	7.2	180	44.3	0	INSERT	10207

* WHEN USED FOR POOL APPLICATIONS

6' TREX SECLUSIONS	MATERIAL NEEDED FOR 8' SECTION
	5 x 5 Post Cap Pyramid or Flat
	5 x 5 x 5/8" Post
	Top Rail 4 x 4.9 x 1/2"
	Bottom/Intermediate Rail Cover 1 x 5.75
	Interlocking Picket 1 x 5.75
	Aluminum Bottom/Intermediate Rail (5063-T6)
	1 1/4" x 3 1/8" x 1/8" Rail Bracket



BOTTOM RAIL

SCALE: NTS SECTION VIEW

GENERAL NOTES

- THIS STRUCTURE HAS BEEN DESIGNED AND SHALL BE FABRICATED IN ACCORDANCE WITH THE STRUCTURAL PROVISIONS OF THE FLORIDA BUILDING CODE SIXTH EDITION (2017). STRUCTURE SHALL BE FABRICATED IN ACCORDANCE WITH ALL GOVERNING CODES. CONTRACTOR SHALL INVESTIGATE AND CONFORM TO ALL LOCAL BUILDING CODE AMENDMENTS WHICH MAY APPLY AND GOVERN. DESIGN CRITERIA OR SPANS BEYOND STATED HEREIN MAY REQUIRE ADDITIONAL SITE SPECIFIC SEALED ENGINEERING.
- DESIGN BASED ON ASCE 7-10 USING V_{ult} = SEE DESIGN PRESSURE TABLES (3 SEC GUST), EXPOSURE 'C', RISK CATEGORY 'I', USING THE SOLID SIGN METHOD, 0% OPEN USED IN CALCULATIONS.
- THIS FENCE DESIGN TO BE USED AT GROUND SURFACE ONLY, WITH USE LIMITED TO DECORATIVE BARRIER PURPOSES ONLY. THIS FENCE IS NOT INTENDED TO MEET CODES GOVERNING ELEVATED BALCONIES OR STRUCTURAL RAILINGS.
- COMPOSITE WOOD MATERIAL INFORMATION:** ALL COMPOSITE WOOD MATERIAL TO HAVE A FLEX STR. OF 4000PSI MIN.
- ALL CONCRETE AND EPOXY TO REACH A MIN. COMPRESSIVE STRENGTH OF 3000 PSI IN 7 DAYS. CONCRETE FOOTERS SHALL CONTAIN MINIMUM 0.1% FIBERMESH CONTENT PER CUBIC YARD.
- THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.
- SURROUNDING SOIL TO BE COMPACTED TO 98% OPTIMUM DENSITY, 2500 PSF MIN AND SHALL BE CLASSIFIED OR VERIFIED BY OTHERS PRIOR TO SELF-CLOSING, SELF LATCHING LOCKING DEVICE NOT LESS THAN 54" FROM BOT OF GATE. GATE MUST OPEN OUTWARD AWAY FROM POOL & MUST HAVE NO OPENING >1/2" WITHIN 18" OF RELEASE MECHANISM. ELECTRICAL GROUND, WHEN REQUIRED, TO BE DESIGNED & INSTALLED BY OTHERS.
- ENGINEER SEAL AFFIXED HERETO VALIDATES STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, ET AL. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPEAL FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN.
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- ANYTHING LESS THAN THE HEIGHT AND POST SPACING SHOWN HEREIN MAY BE AS PER MANUFACTURER PLANS FOR DIMENSIONAL CONFORMITY, PROVIDED COMPONENTS AND EXTRUSIONS ARE PER THIS DESIGN AND THERE ARE NO INCREASED TRULSTRESS.
- EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.

FRANK L. BENNARDI, P.E.
PE# 006549

03/13/2018

IN WITNESS WHEREOF, I HAVE HEREIN
GORDON DIBATTISTO, P.E.
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REMARKS	DATE	BY	CHKD
INT ISSUE	02/28/18	IRVN	FLB
UPDATE FOR 2017 FBC	02/28/18	JAG	FLB

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SCALE: NTS UNLESS NOTED

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