



**AGENDA
TECHNICAL REVIEW COMMITTEE
REGULAR MEETING
APRIL 26, 2018
9:00 AM
CITY HALL COMMISSION CHAMBERS
204 ASH STREET
FERNANDINA BEACH, FL 32034**

- 1. CALL TO ORDER**
- 2. ROLL CALL**
- 3. DISCUSSION ITEMS**
 - 3.1 Dunewood Place Right of Way
- 4. OLD BUSINESS**
 - 4.1 Holy Trinity School
Review resubmittal
- 5. DEVELOPMENT INQUIRIES FROM APPLICANTS NOT ON THE AGENDA - DISCUSSION ONLY, NO ACTION TO BE TAKEN.**
- 6. COMMITTEE BUSINESS**
- 7. ADJOURNMENT**

NEXT REGULAR TRC MEETING IS SCHEDULED FOR MAY 10, 2018

All members of the public are invited to be present and be heard. Persons with disabilities requiring accommodations in order to participate in this program or activity should contact the City Clerk at (904) 310-3115 or TTY/TDD 711 (for the hearing or speech impaired).

PERMIT SET
NOT FOR CONSTRUCTION

ENGINEERING PLANS

FOR

HOLY TRINITY SCHOOL

FOR

HOLY TRINITY CHURCH

GILLETTE & ASSOCIATES, INC.

CIVIL & ENVIRONMENTAL ENGINEERING
MECHANICAL & STRUCTURAL ENGINEERING
PERMITTING & CONSTRUCTION MANAGEMENT
20 SOUTH 4TH STREET AMELIA ISLAND, FLORIDA 32034
PHONE: 904/261-8819

G & A

Issue Date:
December 15, 2017

Revised Date:
April 3, 2018

UTILITY PROVIDERS

WATER/SEWER: COFB
ELECTRIC: FLORIDA PUBLIC UTILITIES
CABLE: COMCAST
TELEPHONE: AT&T

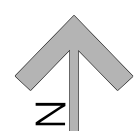
G&A Project
No.:17-10.XX

HOLY TRINITY SCHOOL

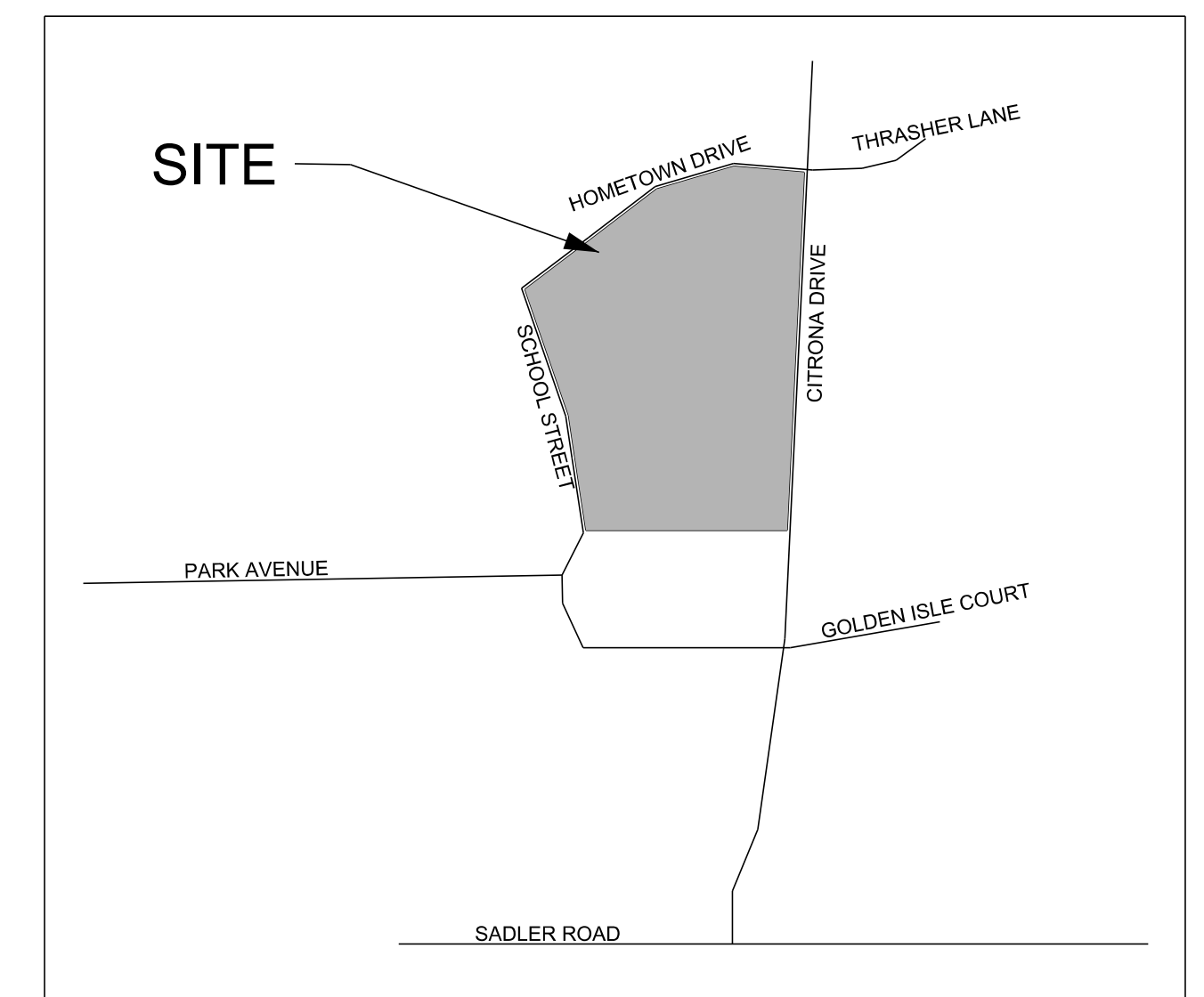
FOR

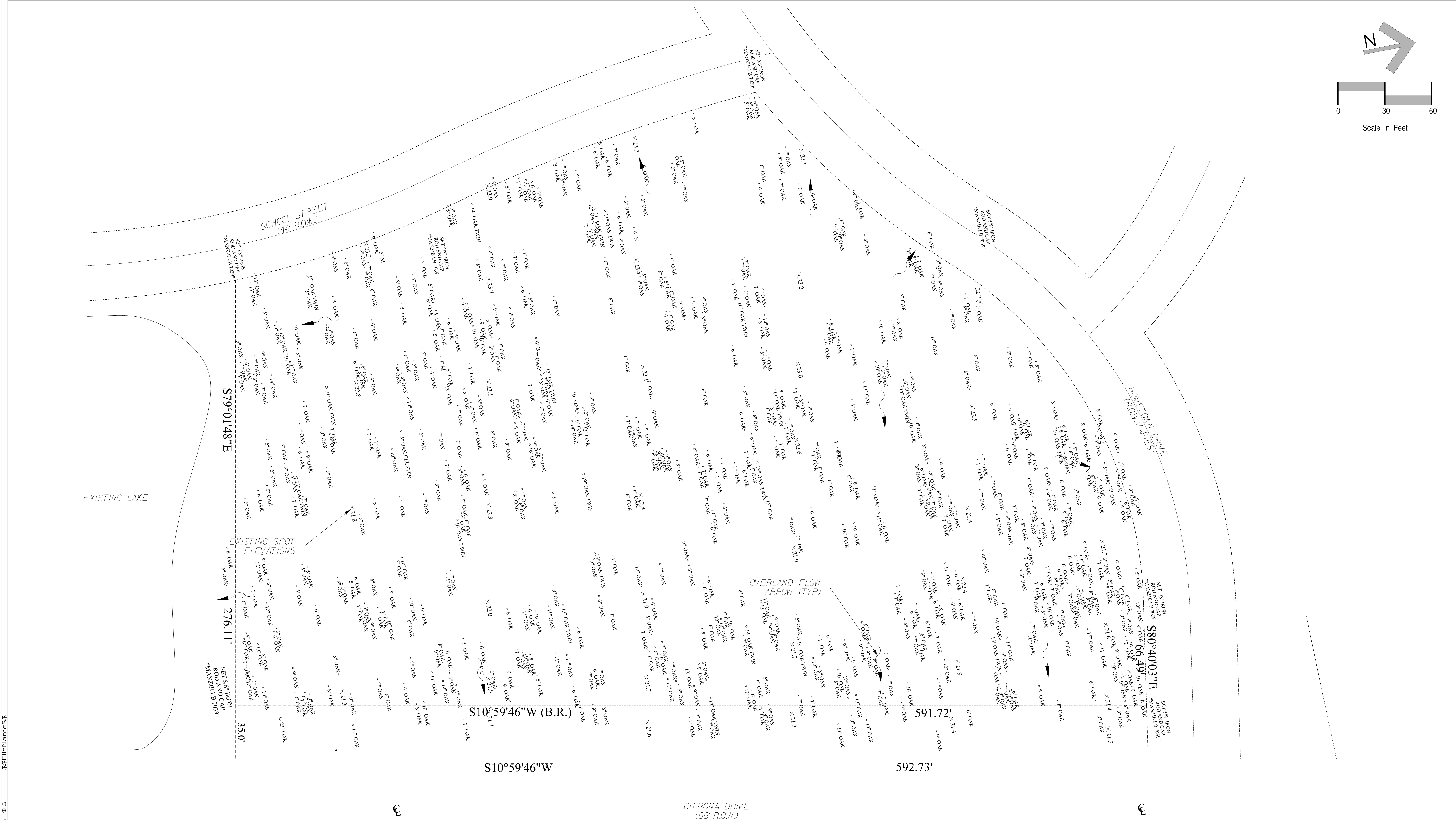
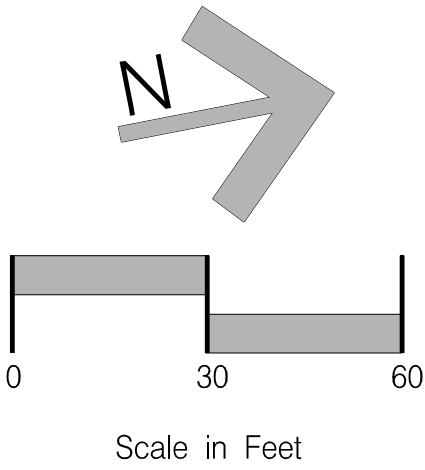
HOLY TRINITY CHURCH

RELEASED FOR CONSTRUCTION BY



SITE LOCATION MAP





K			
L			
T			
H			
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F			
E			
D			
C	MP	3/20/18	MODIFIED PER OWNER & ASSOCIATION COMMENTS
B	MP	2/22/18	MODIFIED PER OWNER & ASSOCIATION COMMENTS
A	MP	12/15/17	TRC REVIEW
No.	By	Date	Revision

Scale:	1"=30'
Project Mgr:	AG
Designed by:	AG
Drawn by:	MP
QAQC:	BM

Gillette & Associates, Inc. 20 South 4th Street Fernandina Beach, FL 32034
Certificate of Authorization No. 9332
DO NOT SCALE THIS DRAWING - DIMENSIONS AND NOTES TAKE PREFERENCE. DRAWING IS REDUCED IF LESS THAN 22" x 34"

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GILLETTE & ASSOCIATES, INC.
20 SOUTH 4TH STREET
FERNANDINA BEACH, FL 32034
PHONE: (904) 261-8819

HOLY TRINITY CHURCH

HOLY TRINITY SCHOOL

PREDEVELOPED PLAN

Sheet No.
<u>3</u> of <u>12</u>
Issue Date MARCH 20, 2018
Project No. 17-10251
Registered Professional



PIPE TABLE

NOTE: EXISTING PIPE P-EX-1
WILL BE CUT AND S-8
WILL BE INSERTED, A
NEW 29' SECTION OF PIPE
WILL CONNECT S-8 AND S-EX-2



Scale: 1" = 30'

Project Mgr:

Designed by

Drawn by: _____

QA/QC: _____

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HOLY TRINITY CHURCH

HOLY TRINITY SCHOOL

DRAINAGE PLAN

Sheet No.

DR-1

6 of 12

Date _____

CH 20, 2018

Registered Professional

1" X 90° BEND
W/ THRUST BLOCK
1" WATER MAIN W/
BACK FLOW PREVENTER
AND ASSEMBLY

17 LF OF
1" PVC
EXISTING WATER MAIN
TIE-IN (FIELD VERIFY)
1" WATER MAIN W/
BACK FLOW PREVENTER
AND ASSEMBLY

SCHOOL STREET
(44' R.O.W.)

10 LF OF
1" PVC
1" X 90° BEND

5 LF OF
1" PVC

NOTE:
REFURBISH BUFFER AREA
IMPACTED BY CONSTRUCTION
OF WALKWAY AND UTILITIES
WITH INDIGENOUS MATERIALS.

56 LF OF
1" PVC
1" X 90° BEND
W/ THRUST BLOCK

57 LF OF
1" PVC

1" X 90° BEND

6" SEWER
SERVICES

LOADING

NOTE:
IRRIGATION TO BE SUPPLIED
VIA CITY OF FERNADINA
BEACH WATER OR WELL (T.B.D.)

NEW ELECTRICAL
TRANSFORMER
BY FPU

ELECTRICAL AND
PHONE SERVICE

EXISTING ELECTRICAL
TRANSFORMER

DIRECTIONAL DRILL
FOR NEW ELECTRICAL
AND PHONE SERVICE
CONTRACTOR TO
FIELD VERIFY

CONNECT TO EXISTING
SANITARY SEWER
MANHOLE. CONTRACTOR TO
FIELD VERIFY EXISTING
INVERT ELEVATIONS.

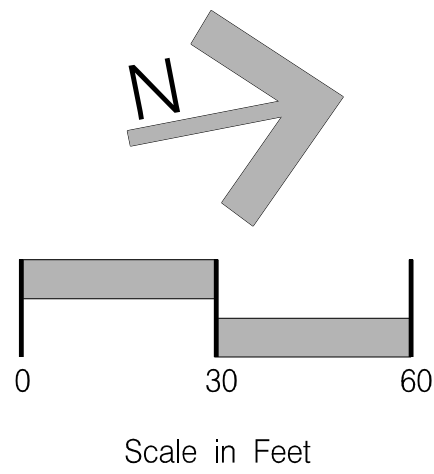
61 LF OF 6" PVC
SDR-26 @ 0.4%

SANITARY SEWER
MANHOLE

330 LF OF 6" PVC
SDR-26 @ 0.4%

SANITARY SEWER
MANHOLE

123 LF OF 6" PVC
SDR-26 @ 0.4%



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K			
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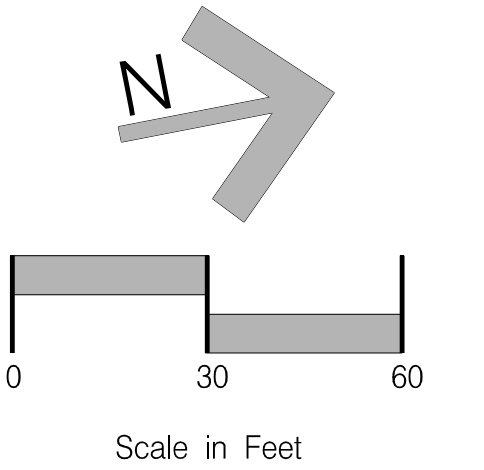
HOLY TRINITY CHURCH

HOLY TRINITY SCHOOL

UTILITY PLAN

Registered Professional

Sheet No.
UT-1
7 of *12*
Issue Date
MARCH 20, 2018
Project No.
17-10251



TREE MITIGATION DATA				
NO. OF TREES	SIZE (DBH)	SAVED? (Y/N)	SPECIES	TREE PRESERVATION
61	5	Y	OAK	457.5 (x1.5)
129	6	Y	OAK	1,548 (x2)
135	7	Y	OAK	1,080 (x2)
75	8	Y	OAK	1,200 (x2)
41	9	Y	OAK	738 (x2)
36	10	Y	OAK	720 (x2)
14	11	Y	OAK	308 (x2)
13	12	Y	OAK	312 (x2)
11	13	Y	OAK	286 (x2)
11	14	Y	OAK	308 (x2)
4	15	Y	OAK	120 (x2)
5	16	Y	OAK	160 (x2)
19	17	Y	OAK	152 (x2)
2	21	Y	OAK	126 (x2)
1	23	Y	OAK	69 (x2)
1	6	Y	BAY	9.5 (x1.5)
1	6	Y	CEDAR	NONE

TREE MITIGATION DATA				
NO. OF TREES	SIZE (DBH)	SAVED? (Y/N)	SPECIES	TREE PRESERVATION CREDIT
18	5	N	OAK	-
43	6	N	OAK	-
35	7	N	OAK	-
14	8	N	OAK	-
10	9	N	OAK	-
5	10	N	OAK	-
6	11	N	OAK	-
4	12	N	OAK	-
2	13	N	OAK	-
2	14	N	OAK	-
3	15	N	OAK	-
1	16	N	OAK	-
1	18	N	OAK	-
2	21	N	OAK	-
1	6	N	BAY	-
1	10	N	BAY	-
1	7	N	MARI F	-

TREE MITIGATION NOTES		
TOTAL INCHES:	5,378	
TOTAL INCHES TO BE REMOVED:	1,184	22.0%
TOTAL INCHES SAVED:	4,194	78.0%



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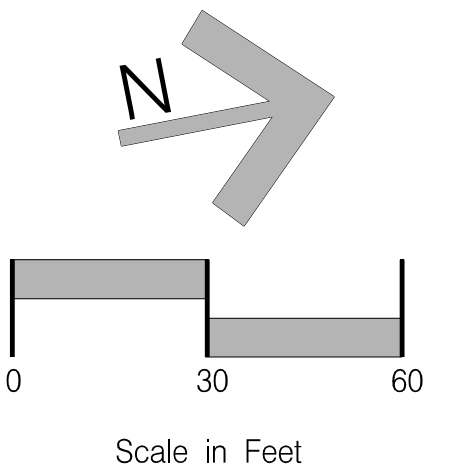
HOLY TRINITY CHURCH

HOLY TRINITY SCHOOL

TREE MITIGATION PLAN

Registered Professional

Sheet No.
LS-1
8 of 12
Due Date
MAY 20, 2018
Project No.
-10.51



EXISTING TREES
TO BE RETAINED

	QTY.	KEY	SPECIES	SIZE/REMARKS
	3	QV	QUERCUS VIRGIANA LIVE OAK	3" CAL.
	38	RS	RHODODENDRON SIMS AZALEA	18" HT., 30" O.C.

EXISTING TREES IN
THIS AREA TO BE
UTILIZED FOR LANDSCAPE
REQUIREMENTS (TYP)

NOTE:
OWNER/CONTRACTOR TO PROVIDE
FINAL LANDSCAPE PLAN AT LEAST
45 DAYS PRIOR TO PROJECT
IMPLEMENTATION.

MONUMENT SIGN

AZALEA
(34 PL)

NEW CANOPY
TREE (TYP)

MONUMENT SIGN

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Na	By	Date Revision

Scale:

Project Mgr: AG

Designed by: AG

Drawn by: MP

Signature: _____ Date: _____

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HOLY TRINITY CHURCH

HOLY TRINITY SCHOOL

LANDSCAPE PLAN

Sheet No.

LS-2

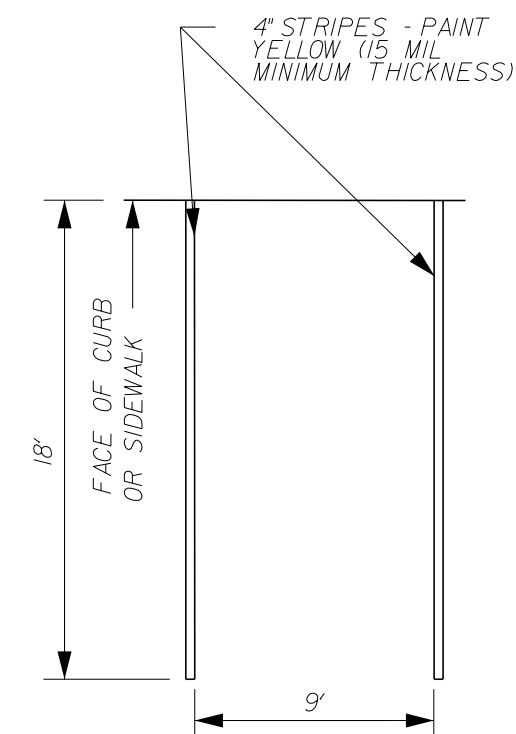
9 of 12

Issue Date

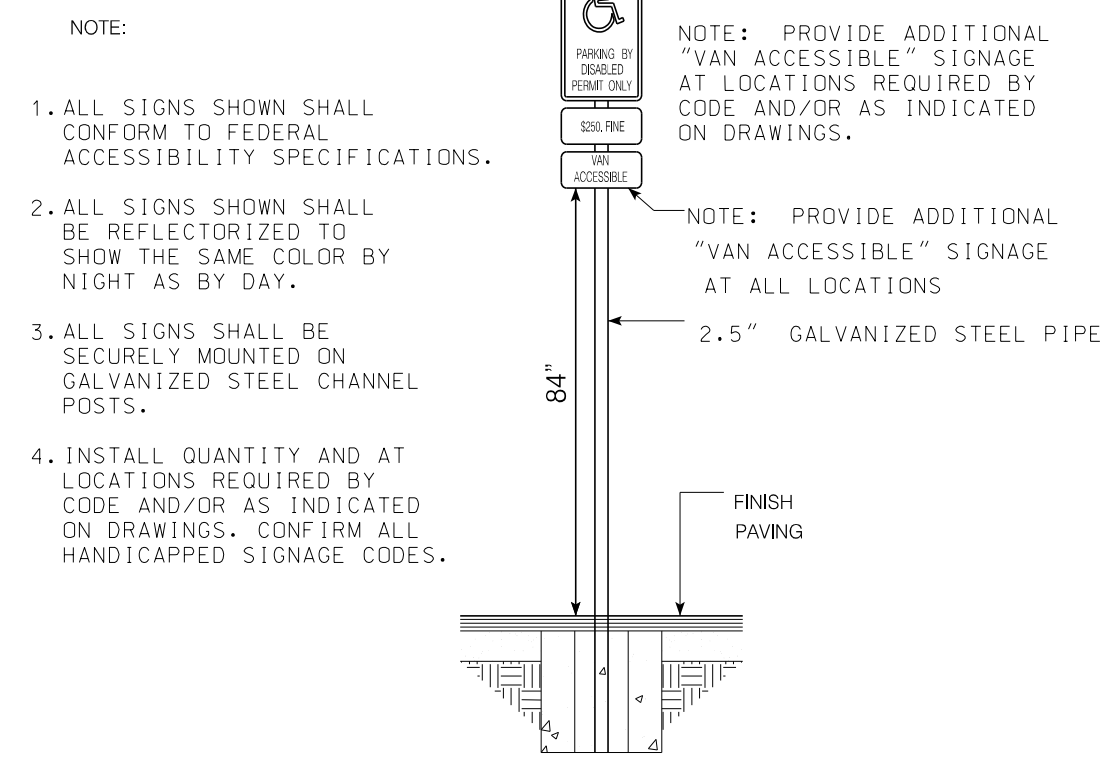
Project No.

Registered Professional

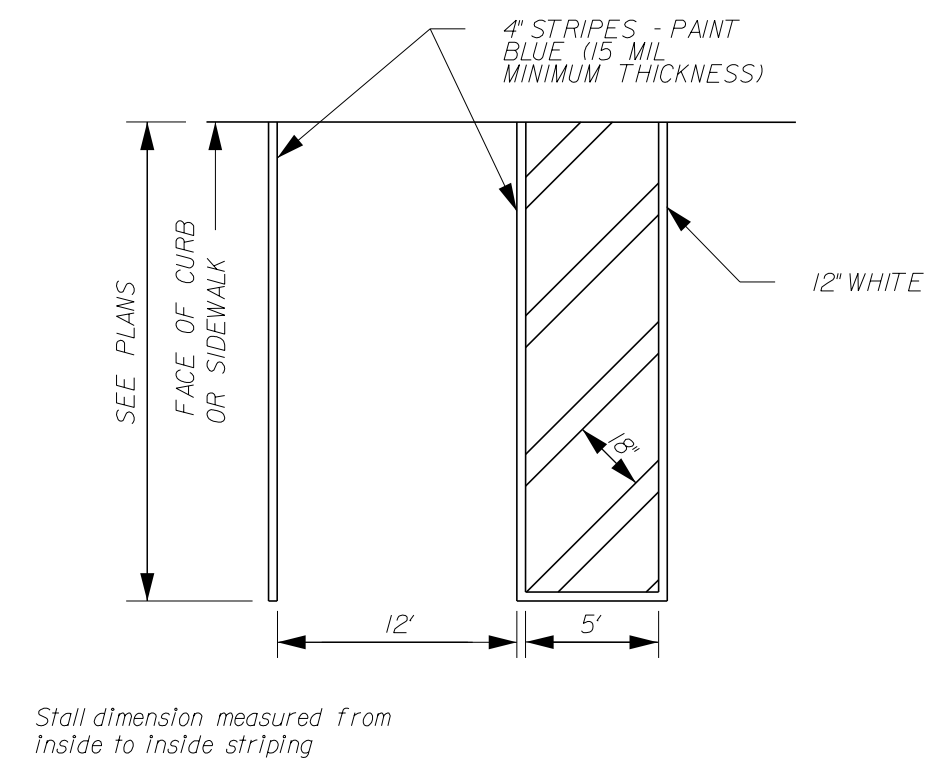
17-10.51



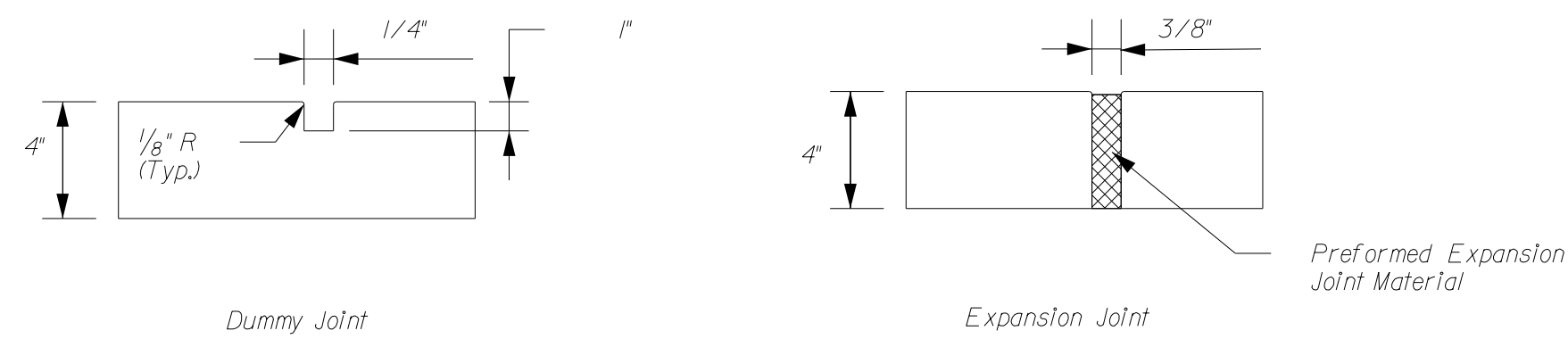
TYPICAL PARKING



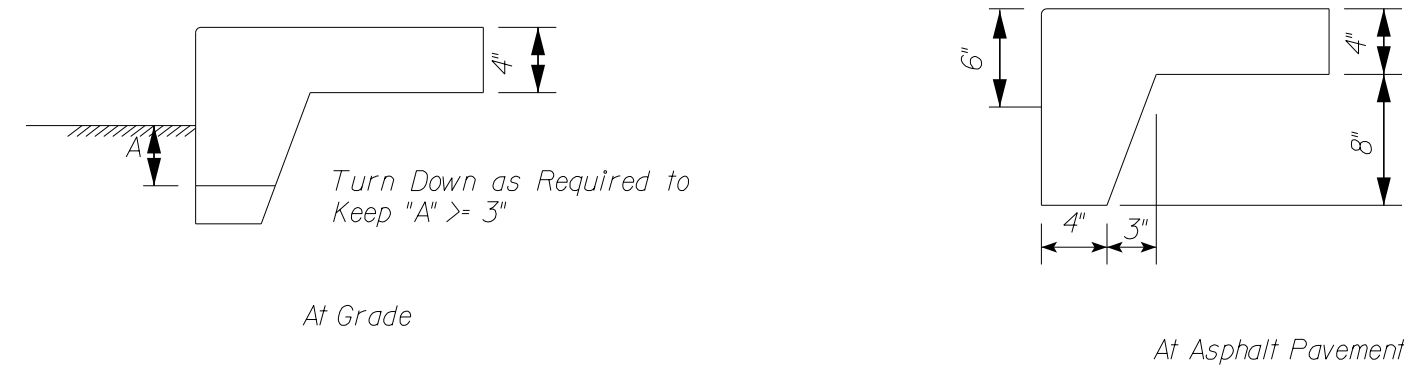
ADA SIGN DETAIL



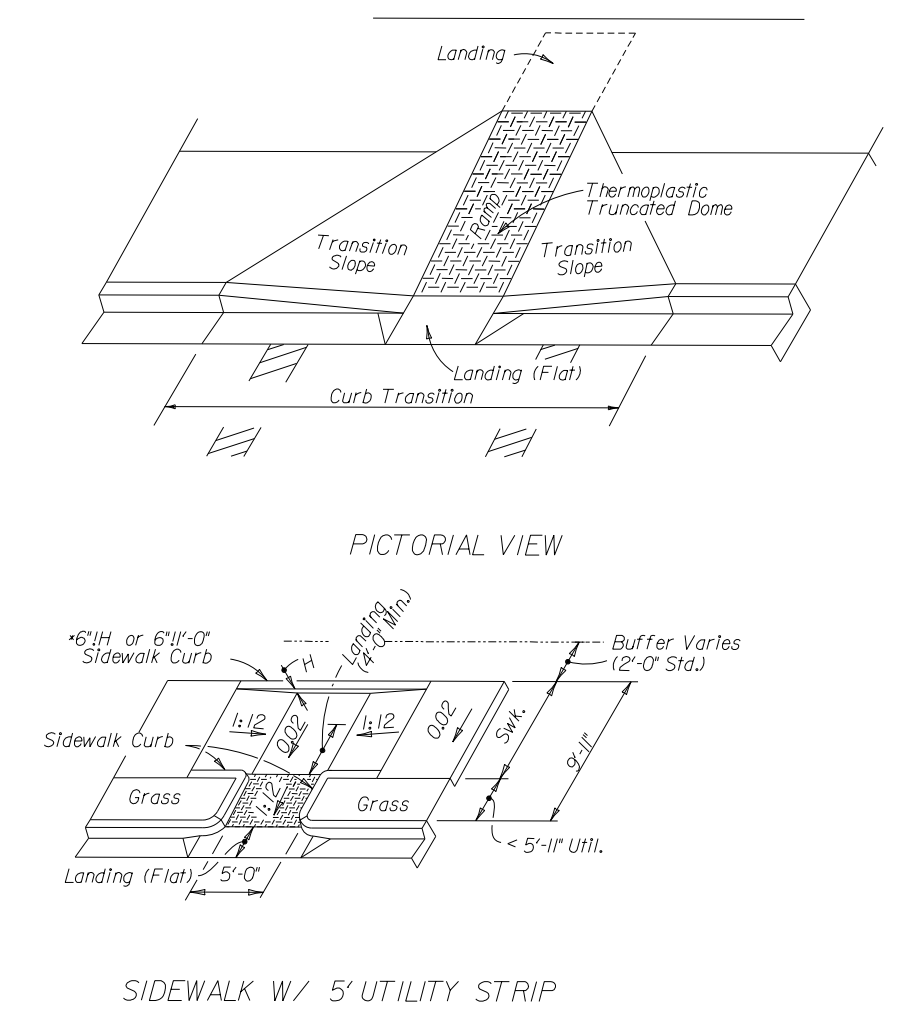
TYPICAL DISABLED PARKING



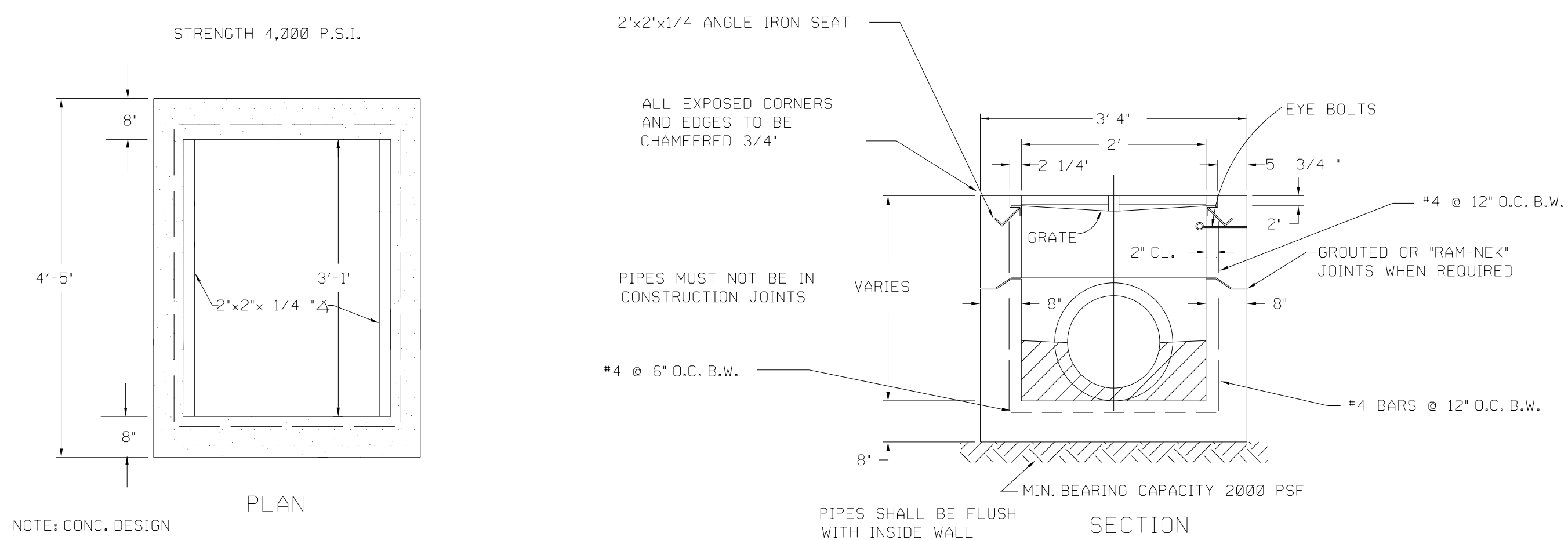
SIDEWALK JOINT DETAILS



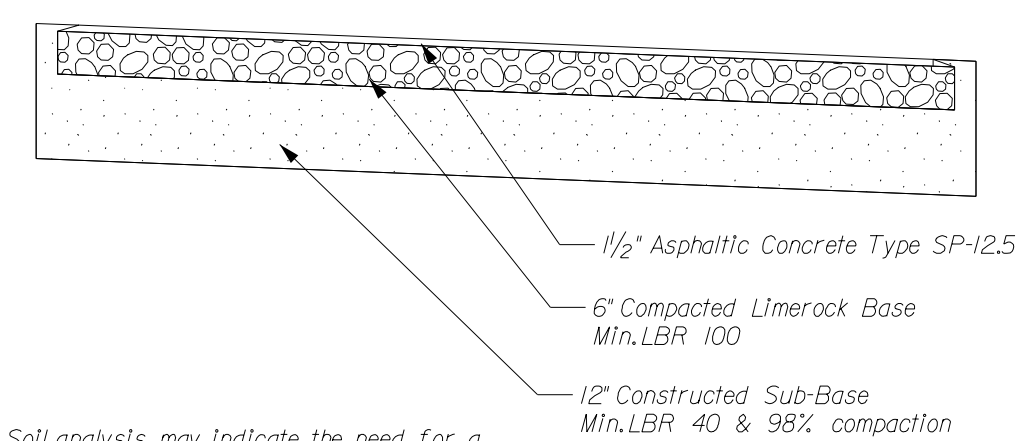
SIDEWALK TURNDOWN DETAILS



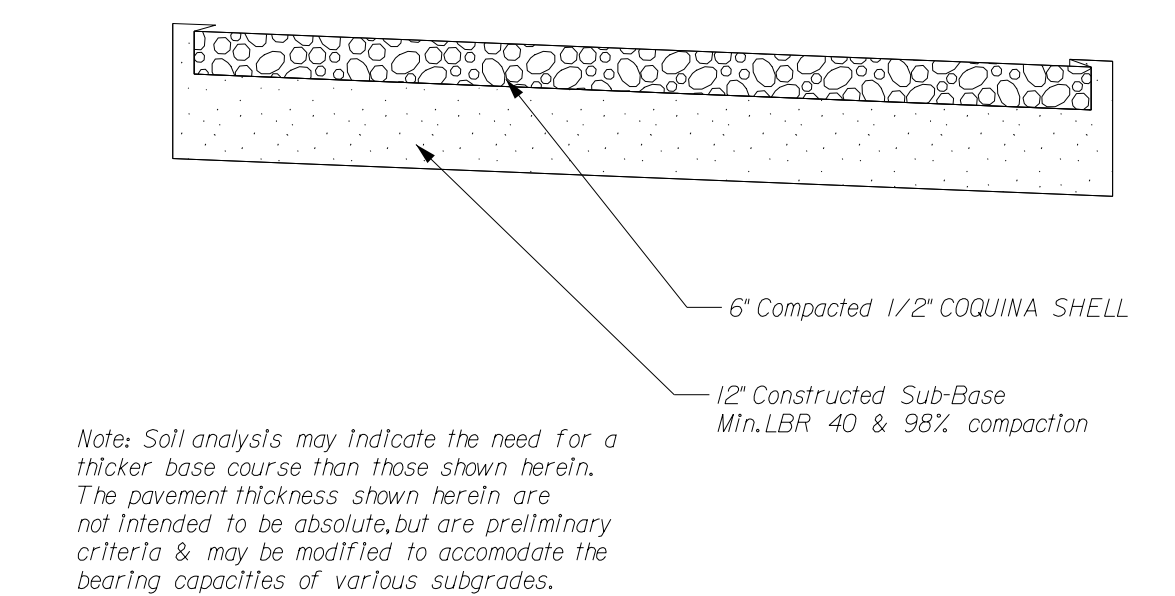
ADA CROSSWALK DETAIL



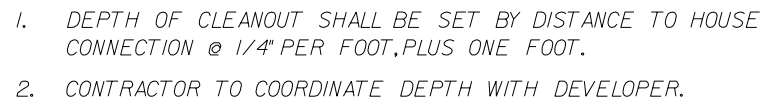
STORM SEWER TYPE "C" INLET



TYPICAL PAVEMENT DETAILS

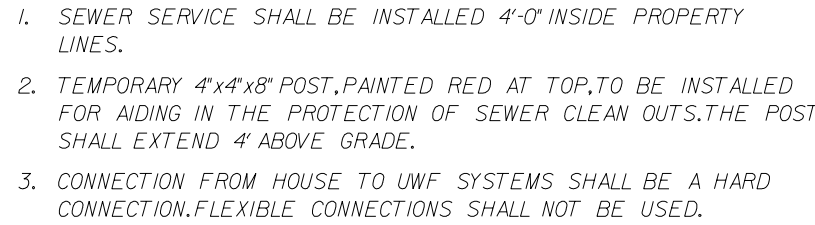
TYPICAL COQUINA DRIVEWAY
AND PARKING DETAILS

K				Scale:		 GILLETTE & ASSOCIATES, INC. 20 SOUTH 4TH STREET FERNANDINA BEACH, FL 32034 PHONE: (904) 261-8819	HOLY TRINITY CHURCH	HOLY TRINITY SCHOOL	MISCELLANEOUS DETAILS	Sheet No.
J				Project Mgr: AG	Gillette & Associates, Inc.					MDT-1
I				Designed by: AG	20 South 4th Street Fernandina Beach, FL 32034					
H				Drawn by: MP	Certificate of Authorization No. 9332					10 of 12
G				QAQC: BM	DO NOT SCALE THIS DRAWING - DIMENSIONS AND NOTES TAKE PREFERENCE. DRAWING IS REDUCED IF LESS THAN 22" x 34"					Issue Date
F										MARCH 20, 2018
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D										17-10.51
C	MP	3/20/18	MODIFIED PER OWNER & ASSOCIATION COMMENTS							Registered Professional
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A	MP	12/5/17	TRC REVIEW							



CLASS "B"

CLEANOUT

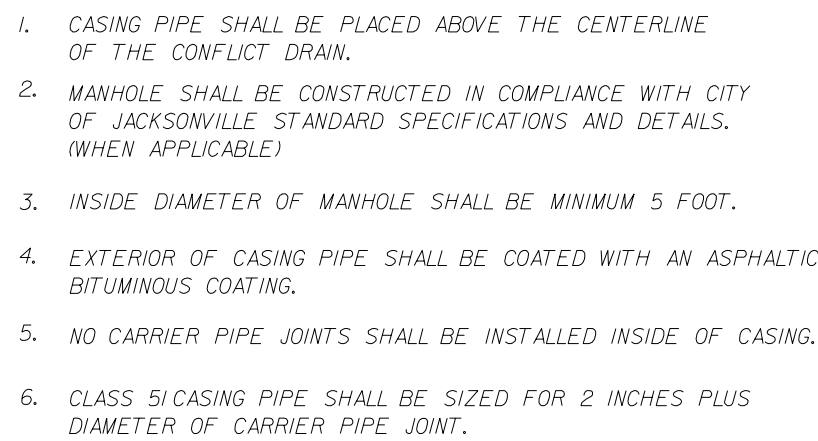


7. THE MAXIMUM NUMBER OF DIPS IS ONE, 1-INCH DIP PER 135 LF OF PIPE. NO MORE THAN ONE DIP PER 135 LF OF PIPE. A DIP IS DEFINED AS A CHANGE IN ELEVATION OF 0.5" OR GREATER.

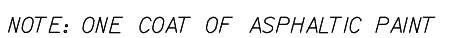
GRAVITY SEWER STANDARD SPECIFICATIONS



TYPICAL SEWER SERVICE



ENCASEMENT AT WATER LINE



DRAIN CONFLICT

TYPE "B" MANHOLE

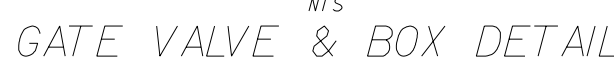
TYPE "A" MANHOLE

MANHOLE COVER

J				Scale:		G & A GILLETTE & ASSOCIATES, INC. 20 SOUTH 4TH STREET FERNANDINA BEACH, FL 32034 PHONE: (904) 261-8819	HOLY TRINITY CHURCH	HOLY TRINITY SCHOOL	SEWER DETAILS	Sheet No. DT-2 11 of 12
I				Project Mgr: AG	Gillette & Associates, Inc. 20 South 4th Street Fernandina Beach, FL 32034					
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1. MAINTAIN MINIMUM 6' HORIZONTAL SEPARATION BETWEEN WATER AND WASTE WATER MAINS, WHERE THIS IS NOT POSSIBLE REPLACE WASTE WATER MAIN WITH DUCTILE IRON FOR THE LENGTH IN WHICH THE 10' HORIZONTAL SEPARATION CANNOT BE MAINTAINED, AND OTHERS.
2. MAINTAIN MINIMUM 6' VERTICAL SEPARATION BETWEEN ALL WATER AND WASTE WATER MAINS.
3. MAINTAIN MINIMUM 12' SEPARATION BETWEEN ALL OTHER FACILITIES



WHITE PVC DR 25 C900 PIPE FOR ALL 4", 6", 8", 10" AND 12" MAINS

*10 LB OF SOLID TRACING WIRE TO BE INSTALLED ON TOP OF MAIN TAPED EVERY TEN FEET
PIPE LETTERING TO BE AT TOP OF PIPE WITH EDGE OF JOINT LINE VISIBLE AT BELL



BELL RESTRAINT REQUIREMENTS

M A T E R I A L S		
ITEM	QUANT.	D E S C R I P T I O N
1	1	2.5"-10" VALVE, DOUBLE CHECK OR REDUCED PRESSURE
2	4	2.5"-10" BEND - 90° F-F
3	2	2.5"-10" D.I.P. (48" LONG) F-PE
3A	1	2.5"-10" D.I.P. (24" LONG) F-PE (OPT.X)
4	3	2.5"-10" FLANGE, D.I.P.
5	2	2.5"-10" VALVE, GATE, D.I., F-F, OS+Y (RESILIENT SEAT)
6	1	2" IRON PIPE/CONCRETE FLOOR
7	2	THRUST BLOCK
8	2	SUPPORT BLOCKING UNDER VALVES (6" AND LARGER SIZES)



LARGE WATER SERVICE
DOUBLE CHECK AND REDUCED PRESSURE
BACKFLOW PREVENTION
SINGLE SERVICE: 2 1/2" - 10"

BACKFLOW PREVENTER

CONTRACTORS ARE REQUIRED TO PAINT NEW HYDRANTS SAFETY YELLOW AND MARK HYDRANTS THE TOPS AND NOZZLE CAPS SHALL BE PAINTED WITH THE FOLLOWING CAPACITY INDICATOR COLOR SCHEME:

BLUE (SW4079) 1500GPM AND HIGHER
GREEN (SW4085) 1000-1499 GPM
ORANGE (SW4083) 500-999 GPM
RED (SW4081) LESS THAN 500 GPM

IT IS REQUIRED THAT ALL NEW AND RELOCATED WATER MAINS BE PRESSURE TESTED AND LEAKAGE TESTED IN ACCORDANCE WITH AWWA STANDARD C600.

IT IS REQUIRED THAT ALL NEW AND RELOCATED WATER MAINS BE DISINFECTED IN ACCORDANCE WITH AWWA STANDARD C651 AND RULE 62-555.345, F.A.C..

ALL WATER MAINS WILL BE CONSTRUCTED WITH BLUE C900-DR25 PIPE
ALL WATER SERVICES WILL CONSTRUCTED WITH WHITE PVC SCHEDULE
80 PIPE,BLUE SPRAY PAINT WILL BE APPLIED TO THE TOP SURFACE.
JOINT RESTRAINERS MAY BE USED IN PLACE OF THRUST BLOCKS ON C900,DR25 PIPE
WITH APPROVAL OF THE CITY UTILITIES DEPARTMENT.



UTILITY CONFLICT DETAIL "B"



UTILITY CONFLICT DETAIL "A"

Scale:	
Project Mgr: <u>AG</u>	Gillette & Associates, Inc. 20 South 4th Street
Designed by: <u>AG</u>	Fernandina Beach, FL 32034
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HOLY TRINITY CHURCH

HOLY TRINITY SCHOOL

WATER DETAILS

Sheet No.

DT-3

12 c 12

Issue Date

MARCH 20, 1964

Project

Registered Professional

