CONTRACT DOCUMENTS
FOR THE CONSTRUCTION OF THE

FOXWOOD ESTATES LOW PRESSURE SEWER SYSTEM PROJECT - PHASE 1 FORCE MAINS

LOCATION IN FLORIDA
NTS

LOCATION MAP
NTS

PREPARED FOR

CITY OF CRESTVIEW FLORIDA

VOLUME 2 OF 2
DRAWINGS

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BID DOCUMENTS

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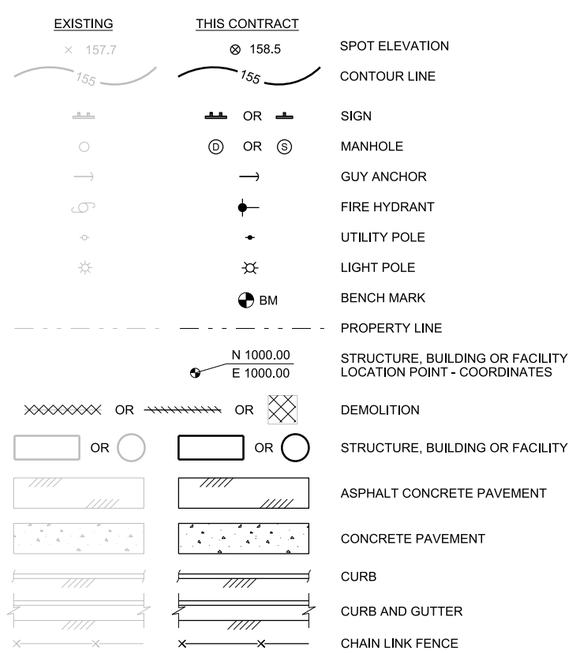
GENERAL SITE NOTES:

1. CONTRACTOR TO OBTAIN OKALOOSA COUNTY AND CITY OF CRESTVIEW UTILITY PERMITS AND SUBMIT A MAINTENANCE OF TRAFFIC PLAN FOR WORK IN THE RIGHT-OF-WAYS.
2. STAGING AREA SHALL BE FOR CONTRACTOR'S EMPLOYEE PARKING, CONTRACTOR'S TRAILERS, AND ON-SITE STORAGE OF MATERIALS.
3. CONTRACTOR SHALL NOT DISTURB AREAS OUTSIDE EXISTING RIGHTS-OF-WAY OR TEMPORARY CONSTRUCTION EASEMENTS.
4. CONTRACTOR TO ADJUST ALL EXISTING UTILITY CASTINGS INCLUDING VALVE BOXES, MANHOLES, HAND HOLES, PULL BOXES, INLETS AND SIMILAR STRUCTURES WITHIN PAVED AREAS TO MATCH FLUSH WITH FINISHED GRADE.
5. THE CONTRACTOR SHALL REPAIR AND RESTORE EXISTING PAVEMENT, SIDEWALKS, CURBS, DRIVEWAYS, PIPES, IRRIGATION LINES, CONDUIT, CABLES, ETC. AS A RESULT OF THE CONSTRUCTION ACTIVITIES.
6. NO DEBRIS OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF ONSITE. ALL SUCH MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.
7. SEE SEPARATE VOLUME FOR PROJECT SPECIFICATIONS.
8. DRAWINGS WERE PREPARED USING SURVEY DATA COLLECTED BY RUBEN SURVEYING AND MAPPING ALONG WITH GIS DATA AVAILABLE FROM THE CITY. ADDITIONAL MAPPING HAS BEEN ADDED FROM AS-BUILT DATA AND SUPPLEMENT SURVEY FROM OTHER PROJECT INFORMATION IN THE AREA. EXISTING CONDITIONS MAY VARY FROM THOSE SHOWN ON THESE PLANS. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND ADJUST WORK PLAN ACCORDINGLY PRIOR TO BEGINNING CONSTRUCTION. NOTIFY ENGINEER AND OWNER OF DISCREPANCIES AND CONFLICTS.
9. EXISTING TOPOGRAPHY, STRUCTURES, AND SITE FEATURES ARE SHOWN SCREENED AND/OR LIGHT-LINED. NEW FINISH GRADE, STRUCTURES, AND SITE FEATURES ARE SHOWN HEAVY-LINED.
10. MAINTAIN, RELOCATE, OR REPLACE EXISTING SURVEY MONUMENTS, CONTROL POINTS, AND STAKES WHICH ARE DISTURBED OR DESTROYED. PERFORM THE WORK TO PRODUCE THE SAME LEVEL OF ACCURACY AS THE ORIGINAL MONUMENT(S) IN A TIMELY MANNER, AND AT THE CONTRACTOR'S EXPENSE.
11. COORDINATES AND DIMENSIONS SHOWN FOR ROADWAY IMPROVEMENTS ARE TO FACE OF CURB OR EDGE OF PAVEMENT.
12. PROVIDE TEMPORARY FENCING AS NECESSARY TO MAINTAIN SECURITY AT ALL TIMES.
13. ELEVATIONS GIVEN ARE TO FINISH GRADE UNLESS OTHERWISE SHOWN.
14. SLOPE UNIFORMLY BETWEEN CONTOURS AND SPOT ELEVATIONS SHOWN.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION CONTROL DEVICES DURING CONSTRUCTION. EROSION CONTROL DEVICES (3125-165), AND (3125-186) ARE THE MINIMUM REQUIRED.
16. CONTRACTOR SHALL TAKE ALL OTHER MEASURES TO POSITIVELY PRECLUDE EROSION MATERIALS FROM LEAVING THE SITE. CONTRACTOR TO SUBMIT EROSION CONTROL PLAN.
17. THE CONTRACTOR SHALL NOTIFY SUNSHINE 811 BEFORE BEGINNING WORK AS REQUIRED IN ACCORDANCE WITH CHAPTER 556 F.S.
18. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO ORIGINAL OR BETTER CONDITION. DISTURBED GRASSED AREAS ARE TO BE RESTORED WITH SOD OF SAME ORIGINAL SPECIES.

CIVIL LEGEND



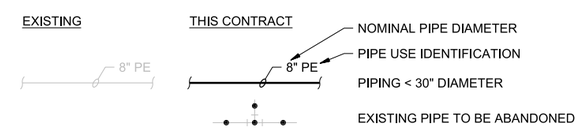
GENERAL YARD PIPING AND UTILITIES NOTES:

1. EXISTING UNDERGROUND UTILITIES OBTAINED FROM AS-BUILTS AND FROM FIELD SURVEY. CONTRACTOR SHALL FIELD VERIFY DEPTH AND LOCATION PRIOR TO EXCAVATION. PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION.
2. UNLESS OTHERWISE SHOWN ALL PIPING SHALL HAVE A MINIMUM OF 3'-0" COVER.
3. ALL PIPES SHALL HAVE A CONSTANT SLOPE BETWEEN INVERT ELEVATIONS UNLESS A FITTING IS SHOWN.
4. FOR TRENCHING AND BACKFILL, SEE (3123-110) .
5. FOR SURFACE RESTORATION OF ASPHALT CONCRETE, SEE (3123-115)
6. MINIMUM ALLOWABLE CLEARANCE BETWEEN PIPES AT CROSSINGS SHALL BE 3". CONTROLLED DENSITY FILL SUPPORT IS REQUIRED, SEE (3123-120)
7. ALL PROPOSED UTILITY IMPROVEMENTS INSTALLED SHALL BE ELECTRONICALLY DETECTABLE UPON COMPLETION OF INSTALLATION.

GENERAL INFORMATION

1. FOR ABBREVIATIONS NOT LISTED, SEE ASME Y14.38 "ABBREVIATIONS AND ACRONYMS: PUBLICATION AS DISTRIBUTED BY THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME).
2. DESIGN DETAILS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS OCCURRING THROUGHOUT THE PROJECT, WHETHER OR NOT THEY ARE INDIVIDUALLY CALLED OUT.
3. VERIFY FINAL OPENING DIMENSIONS IN WALLS, SLABS, AND DECKS WITH OTHER DISCIPLINE DRAWINGS PRIOR TO CONSTRUCTION OF THESE ELEMENTS.
4. DO NOT CUT OR MODIFY STRUCTURAL MEMBERS FOR PIPES, DUCTS, ETC, UNLESS SPECIFICALLY DETAILED OR APPROVED IN WRITING BY THE ENGINEER.
5. INFORMATION (DETAILING, DIMENSIONS, CONFIGURATIONS, AND ELEVATIONS, ETC.) OF EXISTING CONSTRUCTION SHOWN REFLECTS AVAILABLE EXISTING DESIGN DOCUMENTS, AND DOES NOT NECESSARILY REPRESENT THE AS- CONSTRUCTED CONDITIONS. THE CONTRACTOR SHALL FIELD VERIFY DIMENSIONS, ELEVATIONS AND DETAILING OF THE EXISTING STRUCTURES PRIOR TO UNDERTAKING ANY WORK THAT IS AFFECTED BY THE EXISTING STRUCTURE.

YARD PIPING LEGEND



NO.	DATE	REVISION	BY	APVD

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FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

GENERAL
INDEX TO DRAWINGS
GENERAL, CIVIL LEGEND AND NOTES

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VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	OCTOBER 2023
PROJ	D3679600
DWG	G-002
SHEET	2 of 25

BID DOCUMENTS

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A	AMMETER, AMPERES
AB	ANCHOR BOLT
ABDN	ABANDON
AC	ALTERNATING CURRENT
AC	ASPHALTIC CEMENT
ACI	AMERICAN CONCRETE INSTITUTE
ACST	ACOUSTICAL
ACU	AIR CONDITIONING CONDENSING UNIT
AD	AREA DRAIN
ADD	ADDITIONAL
AFD	ADJUSTABLE FREQUENCY DRIVE
AFF	ABOVE FINISHED FLOOR
AG	ACOUSTICAL GLASS
AGGR	AGGREGATE
AHR	ANCHOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AL (ALUM)	ALUMINUM
ALKY	ALKALINITY
ALTN, (ALT)	ALTERNATE
AM	AUTO-MANUAL
ANDZ	ANODIZE
APPROX	APPROXIMATE
APVD	APPROVED
ARCH	ARCHITECTURAL
AR	ANALOG RELAY
ARV	AIR RELEASE VALVE
ASU	AIR SUPPLY UNIT
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AUX	AUXILIARY
AVG	AVERAGE
AVRV	AIR VACUUM RELEASE VALVE
@	AT
B	BELL
(B)	BRONZE TINT
BAL	BALANCE
B.C.R.	BROWARD COUNTY RECORDS
BD	BUTTERFLY DAMPER
BF	BLIND FLANGE
BFV	BUTTERFLY VALVE
BH	BUD HEIGHT
BL	BASELINE
BFP	BACKFLOW PREVENTER
BLDG	BUILDING
BLK	BLOCK
BM	BEAM
BM	BENCHMARK
B.O.S.	BOTTOM OF STRUCTURE
BOT, (BOTT), B/	BOTTOM
BRG	BEARING
BSP	BLACK STEEL PIPE
BV	BALL VALVE
BVC	BEGINNING OF VERTICAL CIRCUIT
C	CONDUIT
°C	DEGREE CELSIUS
C-C	CENTER TO CENTER
CAB	CABINET
CAR	CARPET
CATV	CABLE TELEVISION
CB, C.B.	CATCH BASIN
CB	CIRCUIT BREAKER
CC	CONTROL CABLE
CCP	CENTRAL CONTROL PANEL
CCS	CENTRAL CONTROL SYSTEM
CFM	CUBIC FEET PER MINUTE
CHAN, C	CHANNEL (BEAM)
CHDPE	CORRUGATED HIGH DENSITY POLYETHYLENE PIPE
CHEM	CHEMICAL
CI	CAST IRON
CIP	CAST IRON PIPE
CIPS	CAST IRON SOIL PIPE
CJ	CONSTRUCTION JOINT/CONTROL JOINT
CKT	CIRCUIT
℄, CL	CENTERLINE
CLDI	CEMENT LINED DUCTILE IRON PIPE
C.L.F.	CHAIN LINK FENCE
CLG	CEILING
CLO	CLOSET
CLR	CLEAR
CL2	CHLORINE
CMP, C.M.P.	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
CONDTN	CONDITIONED
CONN	CONNECTION
CONST	CONSTRUCT
CONT	CONTINUOUS, CONTINUATION
CONTR	CONTRACTOR
COORD	COORDINATE
CP	CENTER PIVOT
CP-X	CONTROL PANEL NO. X
CPLG	COUPLING
CPRSR	COMPRESSOR
CPT	CONTROL POWER TRANFORMER
CPVC	CHLORINATED PVC
CR	CONTROL RELAY
CRS	COLD ROLLED STEEL
CRS	PVC COATED RIGID STEEL
CS	CONSTANT SPEED
CSATC	CERAMIC SUSPENDED ACOUSTICAL TILE CEILING
CT	CERAMIC TILE
CT	CURRENT TRANSFORMER
CTR	CENTER
CTR'D	CENTERED
CTSK	COUNTERSUNK
CU	CUBIC
CU FT	CUBIC FOOT
CU IN	CUBIC INCH
CU YD	CUBIC YARD
CUH	COPPER TUBING, HARD DRAWN
CV	CHECK VALVE
CWR	CABINET DOOR MOUNTED WASTE RECEPTACLE
D	DRAIN
D	PENNY NAIL SIZE
DAS	DATA ACQUISTION SYSTEM
DBA	DEFORMED BAR ANCHOR
DBL	DOUBLE
DC	DIRECT CURRENT
DEG	DEGREE
DET	DETAIL
DF	DOUGLAS FIR
DF	DRINKING FOUNTAIN
DHEC	DEPT OF HEALTH AND ENVIRONMENTAL CONTROL
DDI	DROP INLET
DI	DUCTILE IRON
DIA, O	DIAMETER
DIAG	DIAGONAL
DIP, D.I.P.	DUCTILE IRON PIPE
DIR	DIRECTION
DISCH	DISCHARGE
DOL	DIRECT-ON-LINE
DS	DOWNSPOUT
DWG	DRAWING
DWN	DOWN
Δ	DELTA
E	EAST
E	EMPTY
EA	EACH
EE	EMERGENCY EYEWASH
EF	EACH FACE
EF	EXHAUST FAN
EFF	EFFLUENT
EL, ELEV	ELEVATION
ELB	ELBOW
E!FS	EXTERIOR !NSULATION FINISH SYSTEM
ELC	ELECTRICAL LOAD CENTER
ELEC	ELECTRIC, ELECTRICAL
ENGR	ENGINEER
EOG	EDGE OF GUTTER
EOP	EDGE OF PAVEMENT
E.O.W.	EDGE OF WATER
EP	EDGE OF PAVING
EP	EXPLOSION PROOF
EQ	EQUAL
EQ SP	EQUALLY SPACED
EQPT, (EQUIP)	EQUIPMENT
ETM	ELAPSED TIME METER
EVC	END OF VERTICAL CURVE
EW	EACH WAY
EXH	EXHAUST
EXP	EXPANSION
EXP	EXPOSED
EXP AB	EXPANSION ANCHOR BOLT
EXP JT	EXPANSION JOINT
EX, EXST, (EXIST)	EXISTING
EXT	EXTERIOR
^F	DEGREE FAHRENHEIT
F, FU	FUSE
FAI	FRESH AIR INLET
FC	FLEXIBLE CONDUIT
FCA	FLANGED COUPLING ADAPTER
FCL2	FREE CHLORINE RESIDUAL
FCO	FLOOR CLEANOUT
FCTY	FACTORY
FD	FLOOR DRAIN
FDN	FOUNDATION
FDR	FEEDER
FEXT	FIRE EXTINGUISHER
FF	FINISHED FLOOR
FG	FINISH GRADE
FHY	FIRE HYDRANT
FIG	FIGURE
FL	FLOW LINE
FLG	FLANGE
FL (FLR)	FLOOR
FLEX	FLEXIBLE
FLH	FLAT HEAD
FLTR	FILTER
FLUOR	FLUORESCENT
FNSH	FINISH
FP	FIELD PANEL
FPS	FEET PER SECOND
FP-W-X	FIELD PANEL NO. WX
FR	FORWARD REVERSE
FRP	FIBERGLASS REINFORCED PLASTIC
FSHS	FOLDING SHOWER SEAT
FT	FOOT OR FEET
FTG	FOOTING
FU	FIXTURE UNIT
FVNR	FULL VOLTAGE NON-REVERSING
FVR	FULL VOLTAGE REVERSING
FWD	FORWARD
G, GND	GROUND
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GB	GRAB BAR
GC	GROOVED COUPLING
GFI	GROUND FAULT INTERRUPTER
GFR	GOUND FAULT RELAY
GL	GLASS
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GRTG	GRATING
GR	GRADE
GSP	GALVANIZED STEEL PIPE
GV	GATE VALVE
GVL	GRAVEL
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
H	HORN OR HOWLER
HAS	HEADED ANCHOR STUD
HB	HOSE BIB
HC	HOLLOW CORE
HD	HUB DRAIN
H.D.P.E.	HIGH DENSITY POLY PIPE
HDR	HEADER
HDW	HARDWARE
HESR	HYPALON ELASTIC SHEET ROOFING
HGL	HYDRAULIC GRADE LINE
HGT	HEIGHT
HH	HANDHOLE
HID	HIGH INTENSITY DISCHARGE
HK	HOOK
HM	HOLLOW METAL
HOA	HAND-OFF-AUTO
HOR	HAND-OFF-REMOTE
HORIZ	HORIZONTAL
HP	HORSEPOWER
H.P.	HIGH POINT
HPS	HIGH PRESSURE SODIUM
HR	HOSE RACK
HRDN	HARDENER
HSS	HOLLOW STRUCTURAL SECTION
HV	HOSE VALVE
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HW	HEADWALL
HWL	HIGH WATER LEVEL
IC	INTERRUPTING CAPACITY
ID	INSIDE DIAMETER
IE, I.E.	INVERT ELEVATION
IF	INSIDE FACE
IG	INSULATING GLASS
IN	INCH
INCAND	INCANDESCENT
INJS	INJECTIONS
INST	INSTANTANEOUS
INSTM	INSTRUMENT, INSTRUMENTATION
INSUL	INSULATION
INVT	INVERT
IRRIG	IRRIGATION
ITG	INSULATED TEMPERED GLASS
IU	INTAKE UNIT
IW	IRRIGATION WELL
J, JB	JUNCTION BOX
JAN	JANITOR
JCT	JUNCTION
JT	JOINT
K	KEY INTERLOCK
KIP	THOUSAND POUNDS
KIT	KITCHEN
KSK	KITCHEN SINK
KV	KILOVOLTS
KVA	KILOVOLT AMPERES
KVAR	KILOVOLT AMPERES REACTIVE
KW	KILOWATT
L	ANGLE, LENGTH
L	ARC LENGTH
LA	LIGHTNING ARRESTER
LAB	LABORATORY
LAM	LAMINATE
LAT	LATITUDE
LAV	LAVATORY
LB	LICENSED BUSINESS
LB	POUND
LB/CU FT	POUNDS PER CUBIC FOOT
LC	LIGHTING CONTACTOR
LF	LINEAR FEET
LG	LONG
LH	LEFT HAND
LHR	LEFT HAND REVERSE
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LNTL	LINTEL
LONG	LONGITUDINAL
LOS	LOCK-OUT STOP PUSHBUTTON
LP	LIGHT POLE
L.P.	LOW POINT
LR	LATCHING RELAY
LR	LOCAL-REMOTE
LR	LONG RADIUS
LS	LABORATORY SINK
LTG	LIGHTS OR LIGHTING
LWL	LOW WATER LEVEL
LYRS	LAYERS
M&BH	MOP AND BROOM HOLDER
MA	MANUAL-AUTO
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MC	MASONARY CLEARANCE
MC	MODULATE-CLOSE
MCC	MOTOR CONTROL CENTER
MECH	MECHANICAL
MET	METAL
MFD	MANUFACTURED
MFR	MANUFACTURER
MGD	MILLION GALLONS PER DAY
MH	MANHOLE
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MJ	MECHANICAL JOINT
MLO	MAIN LUGS ONLY
MMP	MECHANICAL MOUNTING PANEL
M.O.	MASONRY OPENING
MP	METAL PANEL
MPU	MULTIPURPOSE UNIT
MTD	MOUNTED
MTS	MANUAL TRANSFER SWITCH
MTS	MILL TYPE STEEL PIPE
MV	MERCURY VAPOR
MWS	MAXIMUM WATER SURFACE
N	NORTH
N/A	NOT APPLICABLE
N/C	NORMALLY CLOSED
N/O	NORMALLY OPEN
N, NEUT	NEUTRAL
NA	NON-AUTOMATIC
ND	NAPKIN DISPOSAL
NGS STA	NATIONAL GEODETIC SURVEY STATION
NIC	NOT IN CONTRACT
NO, #	NUMBER
NP	NON-PROTECTED
NPT	NATIONAL PIPE THREADS
NS	NON-SHRINK
NTS	NOT TO SCALE
O TO O	OUT TO OUT
OA	OVERALL
OC	ON CENTER
OC	OPEN-CLOSE
OCA	OPEN-CLOSE-AUTO
OCR	OPEN-CLOSE-REMOTE
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OHW	OVERHEAD WIRE
OL	OVERLOAD RELAY
OO	ON-OFF
OOA	ON-OFF-AUTO
OOR	ON-OFF-REMOTE
OP	OPAQUE PANEL
OPER	OPERATOR
OPNG	OPENING
O.R.B.	OFFICIAL RECORD BOOKS
OSC	OPEN-STOP-CLOSE
OSD	OPEN SITE DRAIN
OZ	OUNCE
P	PILASTER, PIPE
PAV	PAVER TILE
P.B.	PLAT BOOK
PB	PUSHBUTTON SWITCH
PC	PHOTOCELL
PC	POINT OF CURVE
PE	PLAIN END
PED	PEDESTAL
PEP	POLYETHYLENE PIPE
PF	PANEL FRONT
PG.	PAGE
pH	HYDROGEN ION CONCENTRATION
PI	POINT OF INTERSECTION
PJF	PREMOULDED JOINT FILLER
PL	PLATE (STEEL)
PL	PROPERTY LINE or PARCEL LINE
PLAS	PLASTIC
PLC	PROGRAMMABLE LOGIC CONTROLLER
PLC-X	PROGRAMMABLE LOGIC CONTROLLER NO. X
PLYWD	PLYWOOD
PNL	PANEL
PP	POWER POLE
PPL	POLYPROPYLENE LINED
PRCST	PRECAST
PREFAB	PREFABRICATION
PRES	PRESSURE
PRI	PRIMARY
PRM	PERMANENT REFERENCED MARKER
PROJ	PROJECTION
PROP	PROPERTY
PS	POLYCARBONATE SHEET
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH, GAUGE
PT	POINT OF TANGENCY
PT	POTENTIAL TRANSFORMER
PT	PRESSURE TREATED
PTAC	PACKAGED TERMINAL AIR CONDITIONING
PTD	PAPER TOWEL DISPENSER
PV	PLUG VALVE
PVC, P.V.C.	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVT	POINT OF VERTICAL TANGENCY
QT	QUARRY TILE
R (RAD)	RADIUS
RC	REINFORCED CONCRETE
RCP, R.C.P.	REINFORCED CONCRETE PIPE
RCPT	RECEPTACLE
RD	ROAD
RD	ROOF DRAIN
RDCR	REDUCER
RDW	REDWOOD
R.E.	RIM ELEVATION
REF	REFER OR REFERENCE
REF	REFRIGERATOR
REFR	REFRIGERATE, REFRIGERANT
REINF	REINFORCED, REINFORCING, REINFORCE
REQD	REQUIRED
RG	REFLECTIVE
RH	RIGHT HAND
RH	RODHOLE
RHR	RIGHT HAND REVERSE
RL	RAIN LEADER
RL	RAISE LOWER
RLS	RUBBER LINED STEEL
RM	ROOM
ROL	RAISE-OFF-LOWER
RPM	REVOLUTIONS PER MINUTE
RS	RIGID STEEL
RST	REINFORCING STEEL
RTN	RETURN
RRUB	RADIAL RUBBER
R/W	RIGHT OF WAY
RW	RAW WATER
S	I-BEAM
S	SLOPE
S	SOUTH
S	SWITCH
SATC	SUSPENDED ACOUSTICAL TILE CEILING
SC	SLIP CRITICAL
SCBA	SELF CONTAINED BREATHING APPARATUS
SCC	SOLID CORE
SCFM	STANDARD CUBIC FEED PER MINUTE
SCH	SCHEDULE
SCR	SHOWER CURTAIN ROD
SCU	SPEED CONTROL UNIT
SD	SOAP DISPENSER
SDMH, S.D.M.H.	STORM DRAIN MANHOLE
SDWK	SIDEWALK
SEC	SECONDARY
SECT	SECTION
SED	SEDIMENTATION
SEW	SEWAGE
SF	SLOWER-FASTER
SF	SQUARE FEET
SG	LAMINATED SAFETY GLASS
SGWB	SUSPENDED GYPSUM WALL BOARD
SH	SHOWER
SH (SHT)	SHEET
SHA	SURFACE HARDENING AGENT
SHS	SOLIDS HANDLING SYSTEM
SIM	SIMILAR
SMH	STORMWATER MANHOLE
SOLN	SOLUTION
SP	SPACE OR SPACES
SPA.	SPACING
SPEC, SPECS	SPECIFICATIONS
SPEC'D.	SPECIFIED
SPLY	SUPPLY
SQ	SQUARE
SQ FT	SQUARE FOOT, FEET
SQ IN	SQUARE INCH
SR	SHORT RADIUS
SS	START-STOP
SS, SST	STAINLESS STEEL
SSH	SAFETY SHOWER
SSK	SERVICE SINK
S.S.M.H.	SANITARY SEWER MANHOLE
STA	STATUS
STD	STANDARD
STM	STORM WATER
STIF	STIFFENER
STIRR	STIRRUP
STL	STEEL
ST	STRAIGHT
STRL	STRUCTURAL
STRUCT	STRUCTURE
SUSP	SUSPENDED
SV	SOLENOID VALVE
SYMM	SYMMETRICAL
T	THERMOSTAT
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
T/	TOP OF
TAN	TANGENT
TB	TERMINAL BOARD
TB	TOWEL BAR
TBG	TUBING
TC	TIME TO CLOSE/ TENSION CONTROLLED
TCAE	TIME CLOSE AFTER ENERGIZATION
TCL2	TOTAL CHLORINE RESIDUAL
TDH	TOTAL DYNAMIC HEAD
TDR	TIME DELAY RELAY
TECH	TECHNICAL
TEL	TELEPHONE
TEMP	TEMPORARY
TF	TOP FACE
TFG	TEMPERED FLOAT GLASS
THD	THREAD
THK	THICKNESS
THRU	THROUGH
TJB	TERMINAL JUNCTION BOX
TL	TEFLON LINE PIPE
TO	TIME TO OPEN
TOAD	
TOAE	TIME OPEN AFTER ENERGIZATION
T.O.P.	TOP OF PIPE
TP	TURNING POINT
TRANS	TRANSFORMER
TRANSV	TRANSVERSE
TDR	TREAD
TS	TUBE STEEL
TTD	TOILET TISSURE DISPENSER
TU-X	TREATMENT UNIT NO. X
TURB	TURBIDITY
TYP	TYPICAL
U ON	UNLESS OTHERWISE NOTED
UBC	UNIFORM BUILDING CODE
UH	UNIT HEATER
UR	URINAL
UVR	UNDER VOLTAGE RELAY
V	VALVE
V	VENT
V	VOLT
V	VOLTMETER, VOLTS
VB	VAPOR BARRIER
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VDR	VERTICLE DRYING RACK
VERT	VERTICAL
VIB	VIBRATION
VP	VENEER PLASTER
VPC	POINT OF VERTICAL CURVATURE
VPI	POINT OF VERTICAL INTERSECTION
VPS	VENEER PLASTER SYSTEM
VPT	POINT OF VERTICAL TANGENT
VT	VINYL TILE
VTR	VENT THRU ROOF
W	WATER
W	WEST
W	WIDE FLANGE (BEAM)
W/	WITH
WC	WATER CLOSET
WD	WOOD
WG	WIRE GLASS
WH	WATER HEATER
WH	WATTHOUR METER
WHD	WATTHOUR DEMAND METER
WP	WATERPROOF
WP	WEATHERPROOF
WR	WASTE RECEPTACLE
WS	WATER SURFACE
WS	WATERSTOP
WS	WELDED STEEL
WTP	WATER TREATMENT PLANT
WTR	WATER
WU	WALL URN
WWTP	WASTEWATER TREATMENT PLANT

NOTES:
1. THIS IS A STANDARD LEGEND SHEET, THEREFORE SOME ABBREVIATIONS MAY APPEAR ON THIS SHEET AND NOT ON THE DRAWINGS.
2. CONTACT ENGINEER FOR ABBREVIATIONS NOT LISTED.

NO.	DATE	REVISION	BY	APVD

DSGN	DR	CHK	APVD
K WADDELL	S SZCZUPAK	M STICKLEY	K WADDELL

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25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

GENERAL
ABBREVIATIONS

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	OCTOBER 2023
PROJ	D3679600
DWG	G-003
SHEET	3 of 25

BID DOCUMENTS

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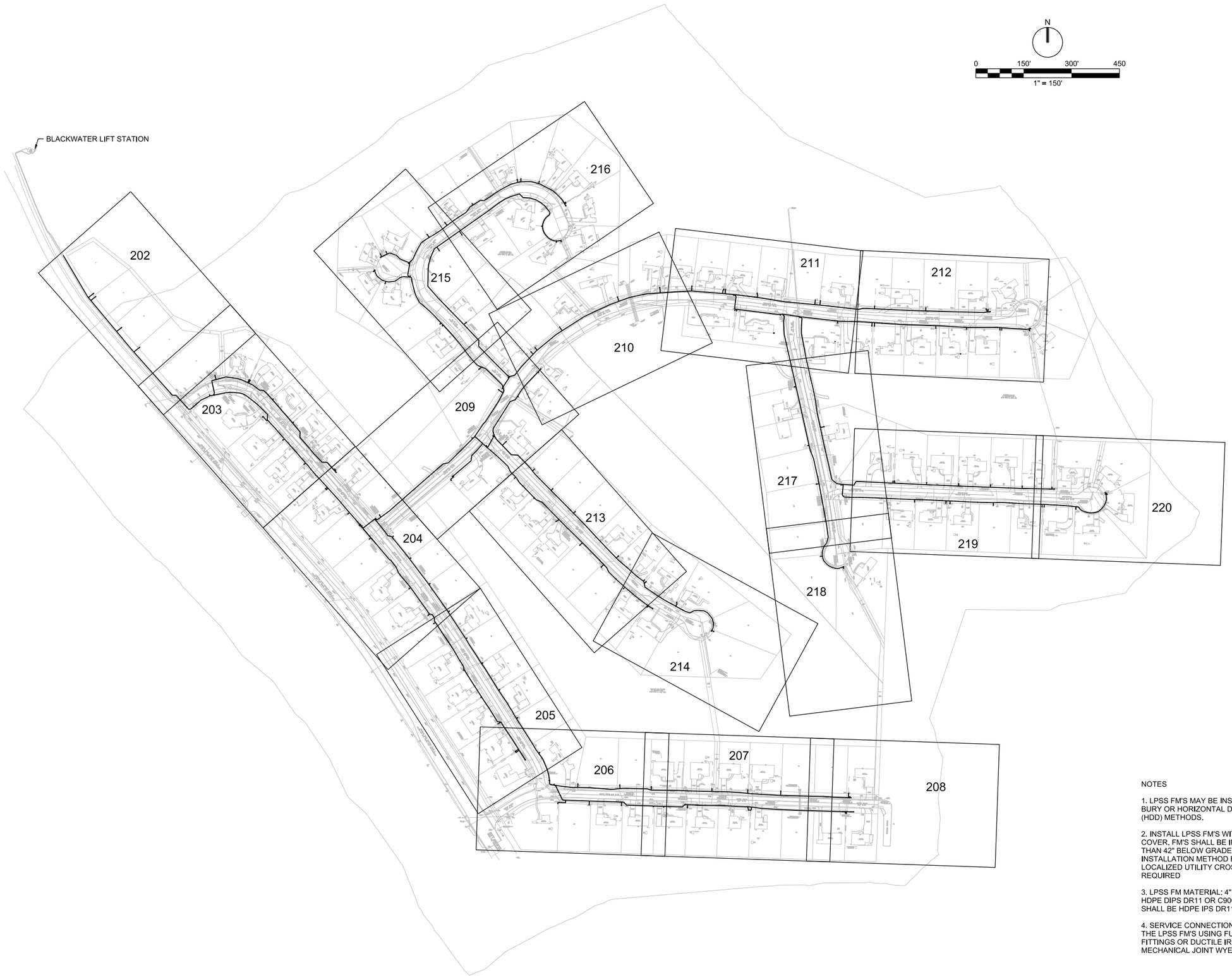

NOTES

1. LPSS FM'S MAY BE INSTALLED VIA DIRECT BURY OR HORIZONTAL DIRECTIONAL DRILLING (HDD) METHODS.

2. INSTALL LPSS FM'S WITH A MINIMUM OF 36" COVER. FM'S SHALL BE INSTALLED NO DEEPER THAN 42" BELOW GRADE REGARDLESS OF INSTALLATION METHOD EXCEPT FOR LOCALIZED UTILITY CROSSINGS WHERE REQUIRED

3. LPSS FM MATERIAL: 4" FM SHALL BE EITHER HDPE DIPS DR11 OR C900 DR 18; 3" OR LESS SHALL BE HDPE IPS DR11.

4. SERVICE CONNECTIONS SHALL BE TIED INTO THE LPSS FM'S USING FUSED HDPE WYE FITTINGS OR DUCTILE IRON RESTRAINED MECHANICAL JOINT WYE FITTINGS.

NO.	DATE	REVISION	BY	APVD

DSGN	K WADDELL	DR	S TATMAN
CHK	M STICKLEY	APVD	K WADDELL

25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

CIVIL
OVERALL SITE PLAN

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SHEET	4 of 25

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SHEET KEY NOTES

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2. THE EXISTING WATERLINE IS SHOWN BASED OFF HISTORICAL UTILITY RECORDS. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL UTILITIES INCLUDING WATER MAINS AND MAINTAIN THE HORIZONTAL AND VERTICAL SPACINGS AS REQUIRED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ALL OTHER APPLICABLE REGULATORY AGENCIES.
3. THE 4" LPSS FM ALONG ANTIOCH ROAD SHALL BE EITHER C900 DR 18 OR HDPE DIPS DR11

GENERAL NOTES

1. ALL 90 DEGREE CHANGES IN ALIGNMENT TO BE CONSTRUCTED USING (2) 45 DEGREE BENDS. NO ANGE/BEND FITTINGS GREATER THAN 45 DEGREE IS ALLOWED.
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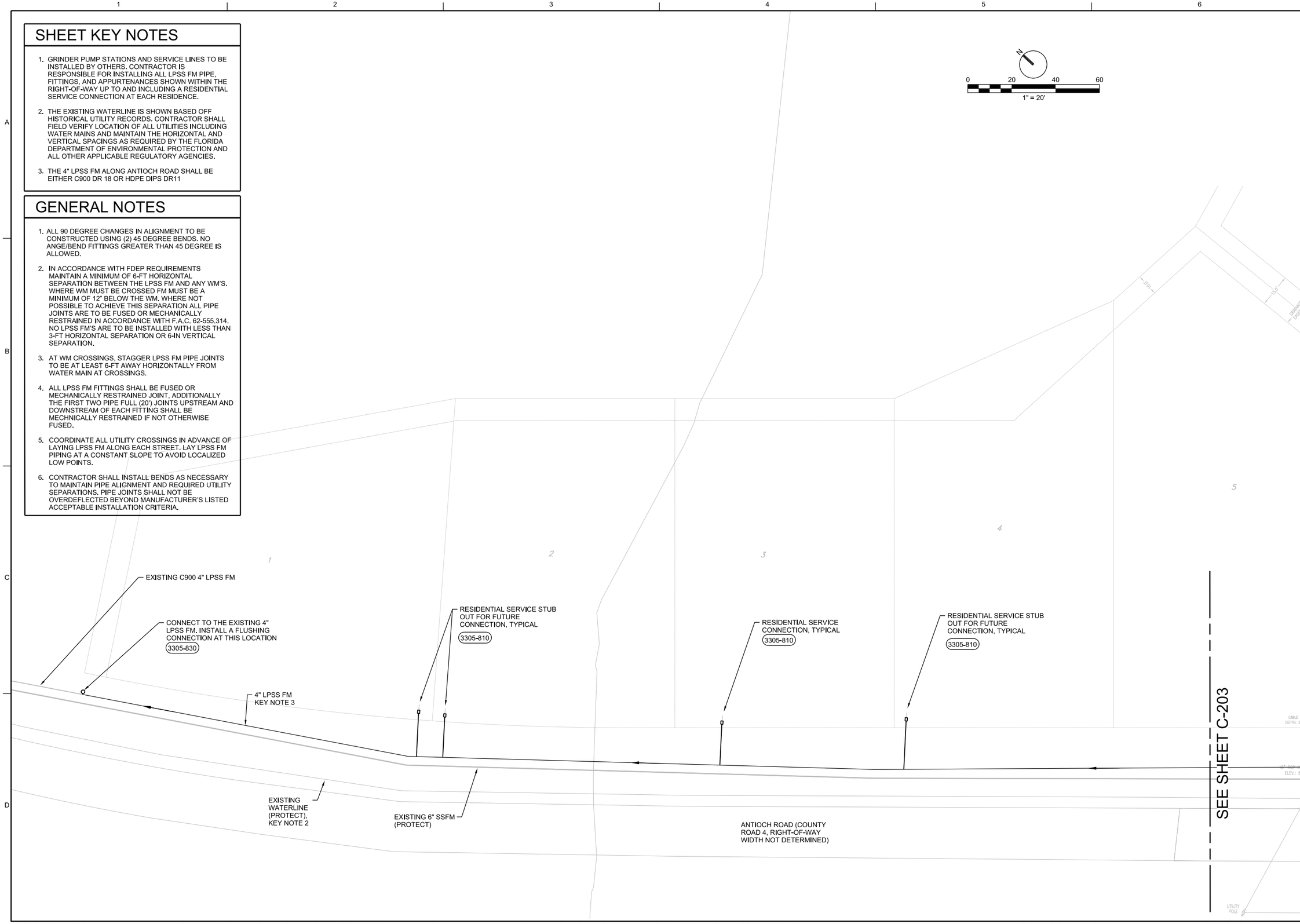

NO.	DATE	REVISION	BY	APVD

DSGN K WADDELL | DR K WADDELL | CHK S TATTMAN | APVD M STICKLEY | BY K WADDELL | APVD

25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

Jacobs

CIVIL
LOW-PRESSURE SSFM PLAN VIEW
ANTIOCH ROAD

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SHEET	5 of 25

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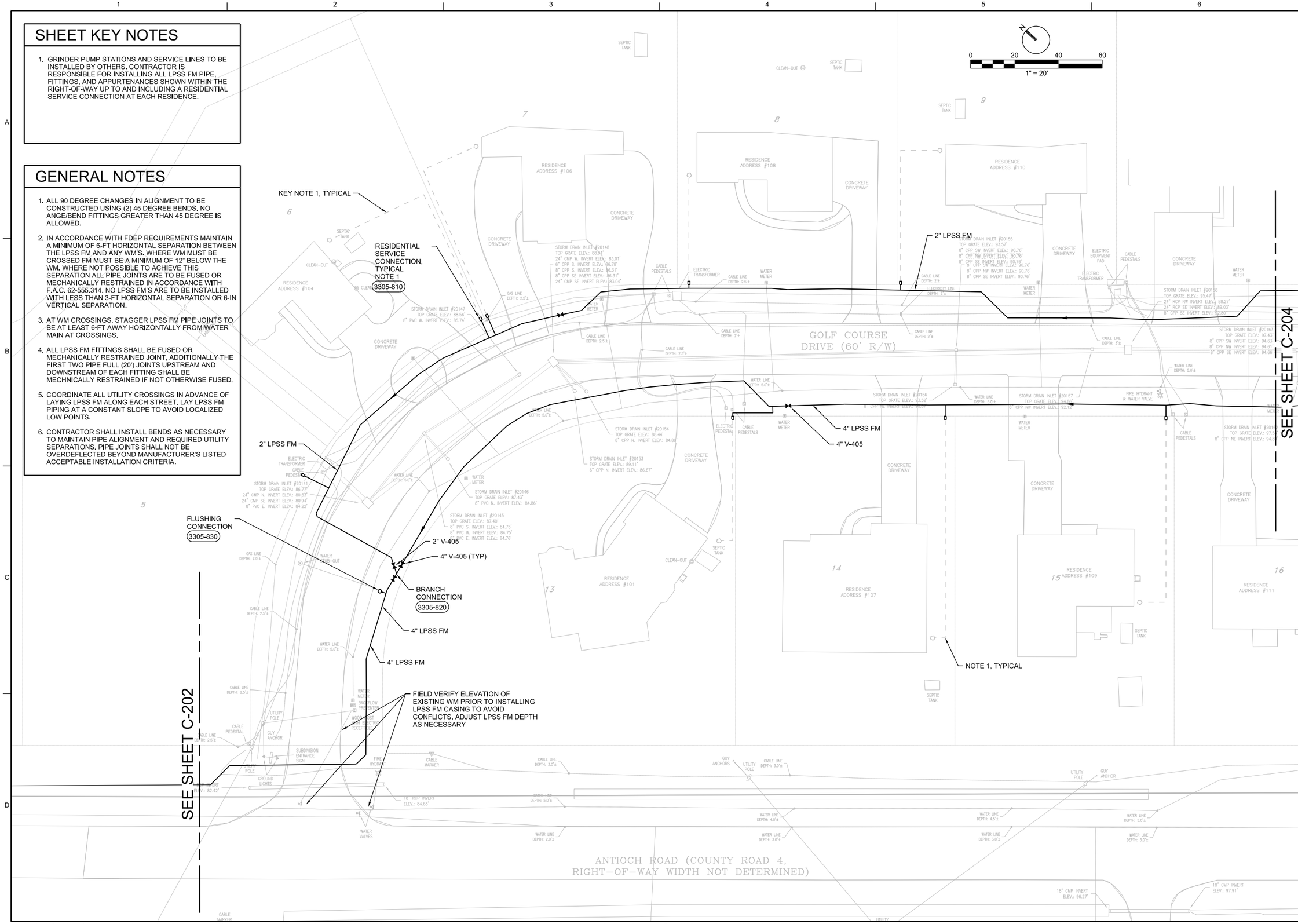

NO.	DATE	REVISION	BY	APVD

DSGN	K WADDELL	DR	S TATMAN	CHK	M STICKLEY	APVD	K WADDELL

25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

Jacobs

CIVIL
LOW-PRESSURE SSFM PLAN VIEW
GOLF COURSE DRIVE

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VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	OCTOBER 2023
PROJ	D3679600
DWG	C-203
SHEET	6 of 25

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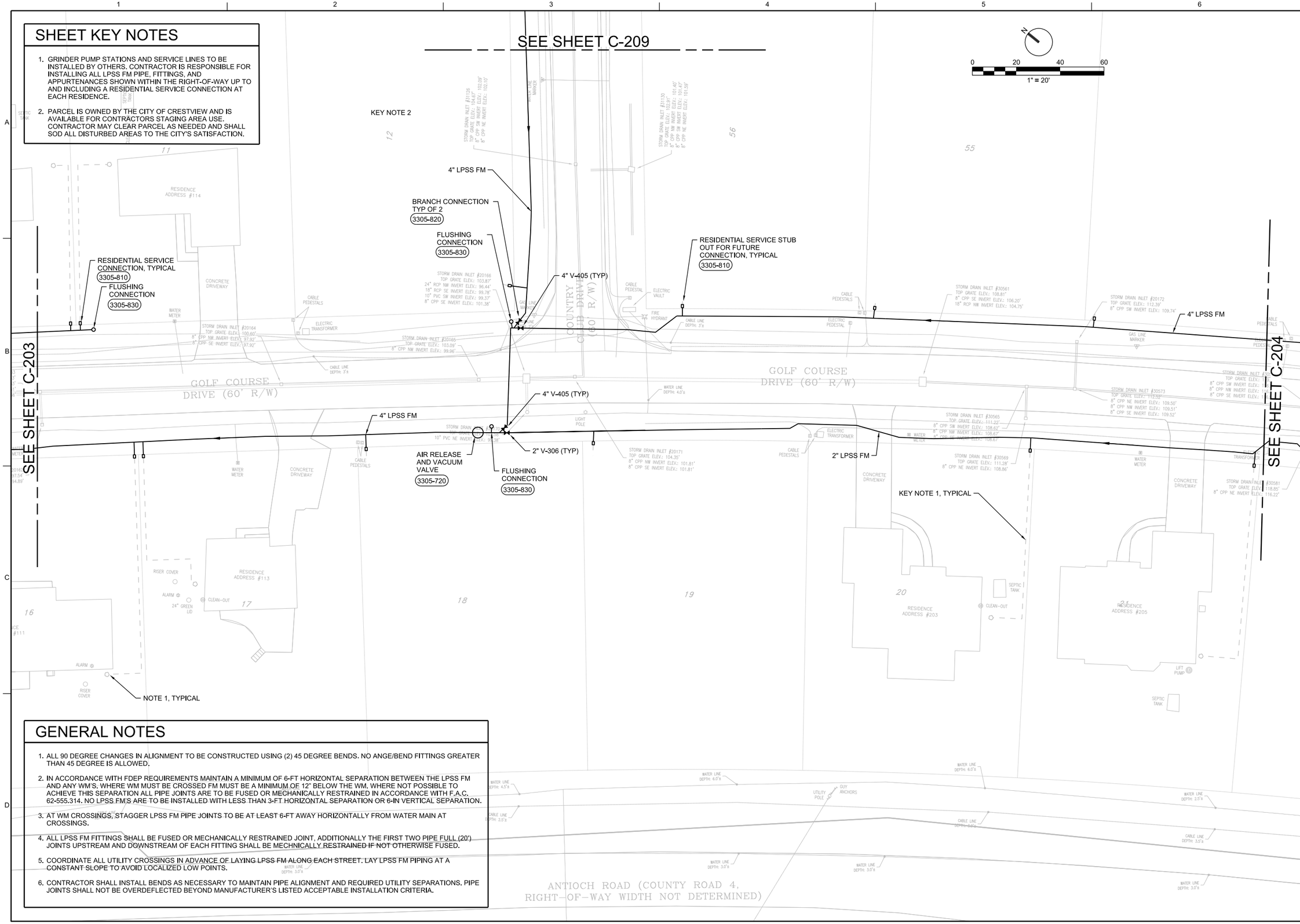
2. PARCEL IS OWNED BY THE CITY OF CRESTVIEW AND IS AVAILABLE FOR CONTRACTORS STAGING AREA USE. CONTRACTOR MAY CLEAR PARCEL AS NEEDED AND SHALL SOD ALL DISTURBED AREAS TO THE CITY'S SATISFACTION.



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NO.	DATE	REVISION	BY	APVD
DSGN	K WADDELL	DR S TATMAN	CHK M STICKLEY	APVD K WADDELL

Jacobs
25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

CIVIL
LOW-PRESSURE SSFM PLAN VIEW GOLF COURSE DRIVE

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VERIFY SCALE
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DWG	C-204
SHEET	7 of 25

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SHEET KEY NOTES

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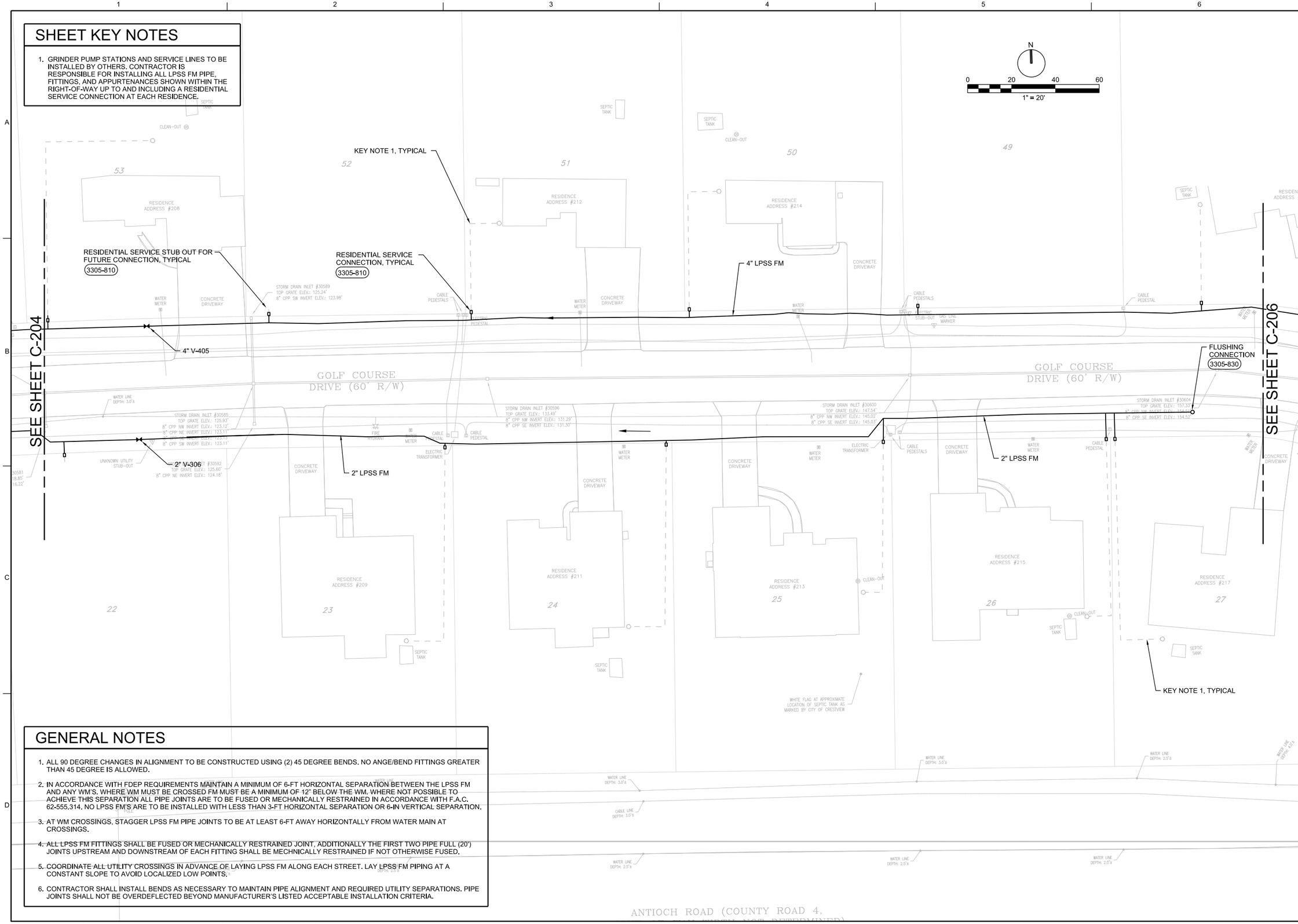

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NO.	DATE	REVISION	BY	APVD

DSGN	K WADDELL	DR	S TATTMAN	CHK	M STICKLEY	APVD	K WADDELL

Jacobs
25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

CIVIL
LOW-PRESSURE SSFM PLAN VIEW GOLF COURSE DRIVE

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VERIFY SCALE
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PROJ	D3679600
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SHEET	8 of 25

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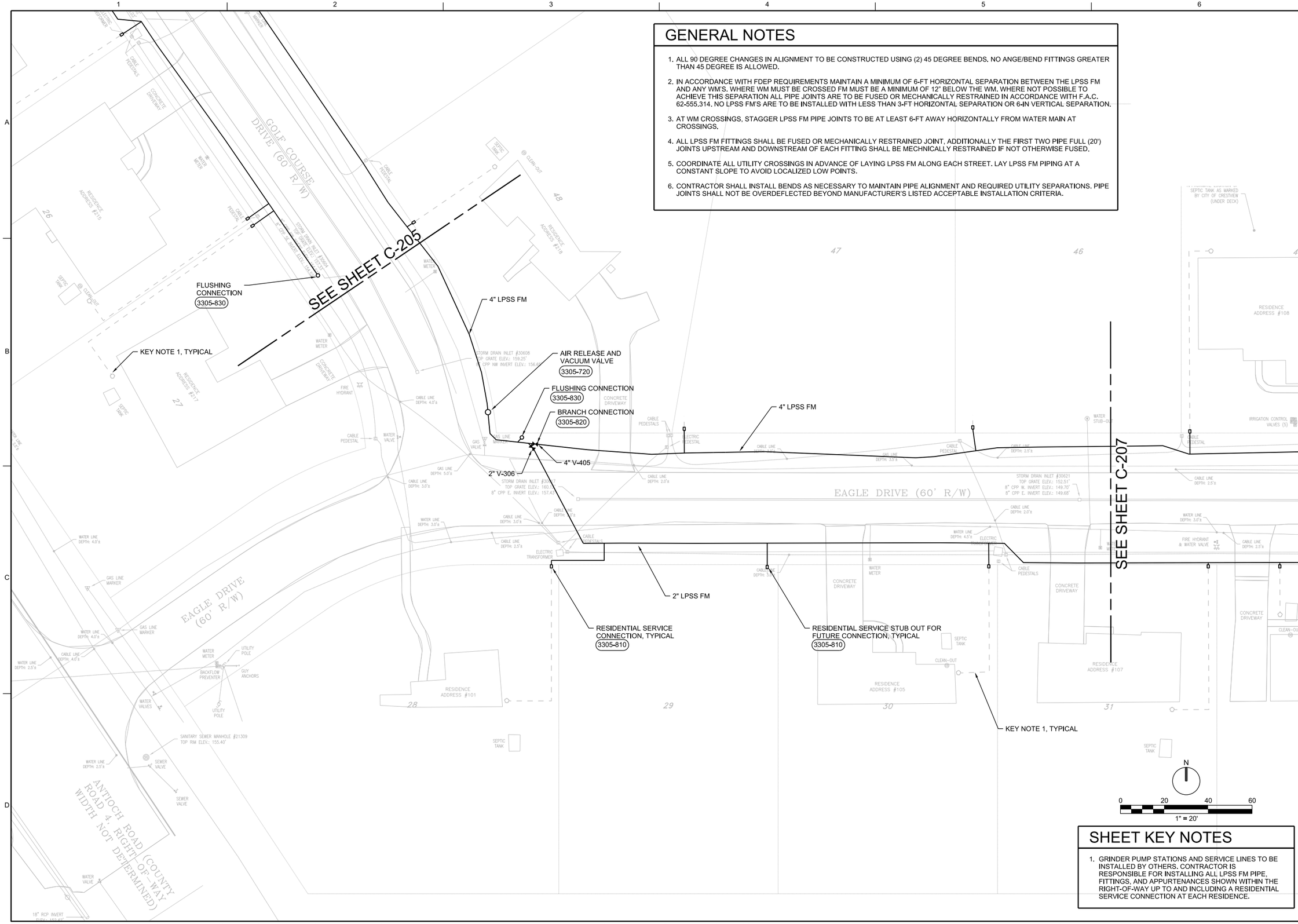

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NO.	DATE	REVISION	BY	APVD

DSGN	K WADDELL	DR	S TATMAN	CHK	M STICKLEY	APVD	K WADDELL

Jacobs
25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

CIVIL
LOW-PRESSURE SSFM PLAN VIEW EAGLE DRIVE

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VERIFY SCALE
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DATE	OCTOBER 2023
PROJ	D3679600
DWG	C-206
SHEET	9 of 25

BID DOCUMENTS

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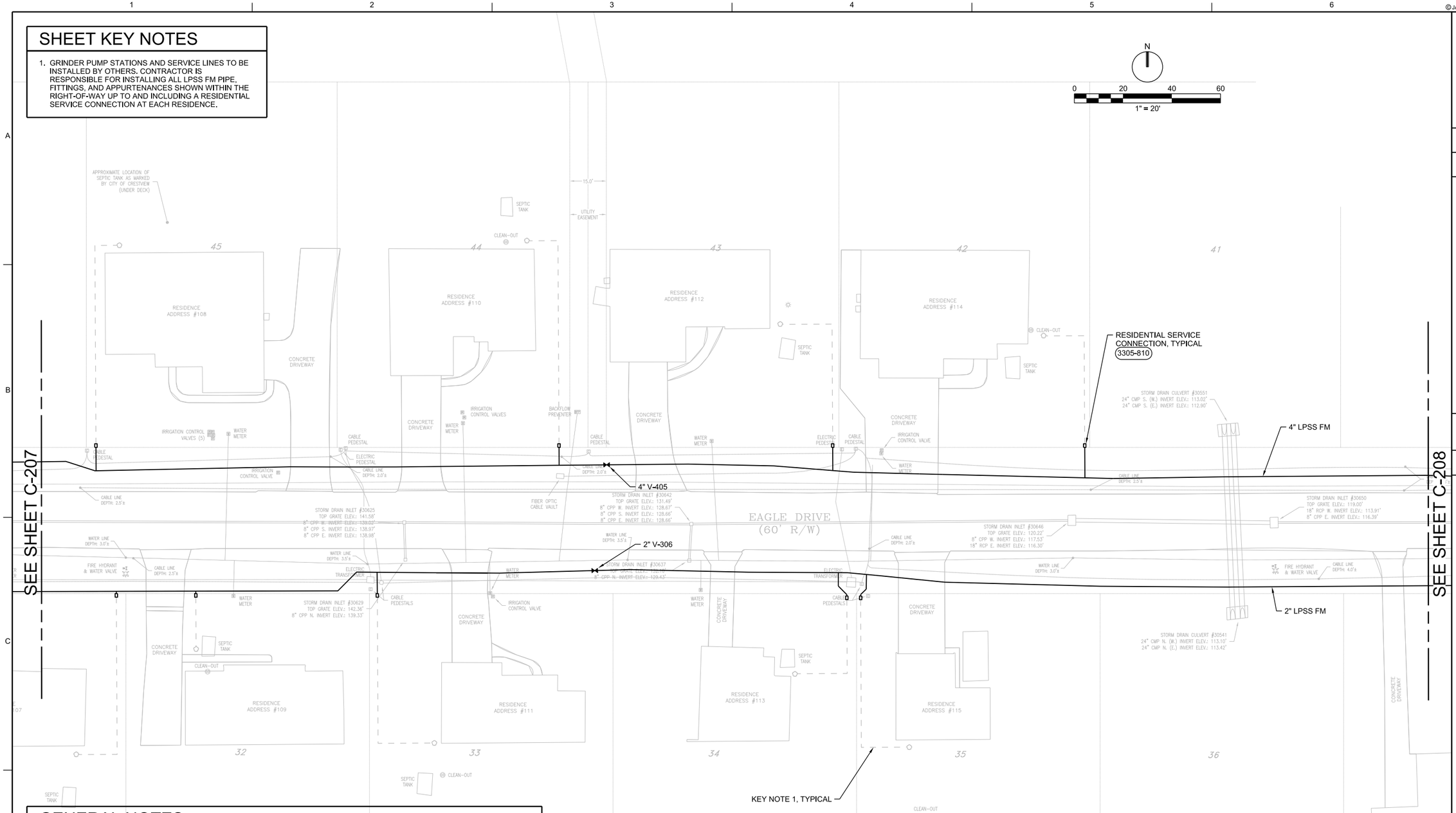

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DSGN K WADDELL | DR S TATMAN | CHK M STICKLEY | APVD K WADDELL

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Jacobs
25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

CIVIL
LOW-PRESSURE SSFM PLAN VIEW EAGLE DRIVE

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	OCTOBER 2023
PROJ	D3679600
DWG	C-207
SHEET	10 of 25

BID DOCUMENTS

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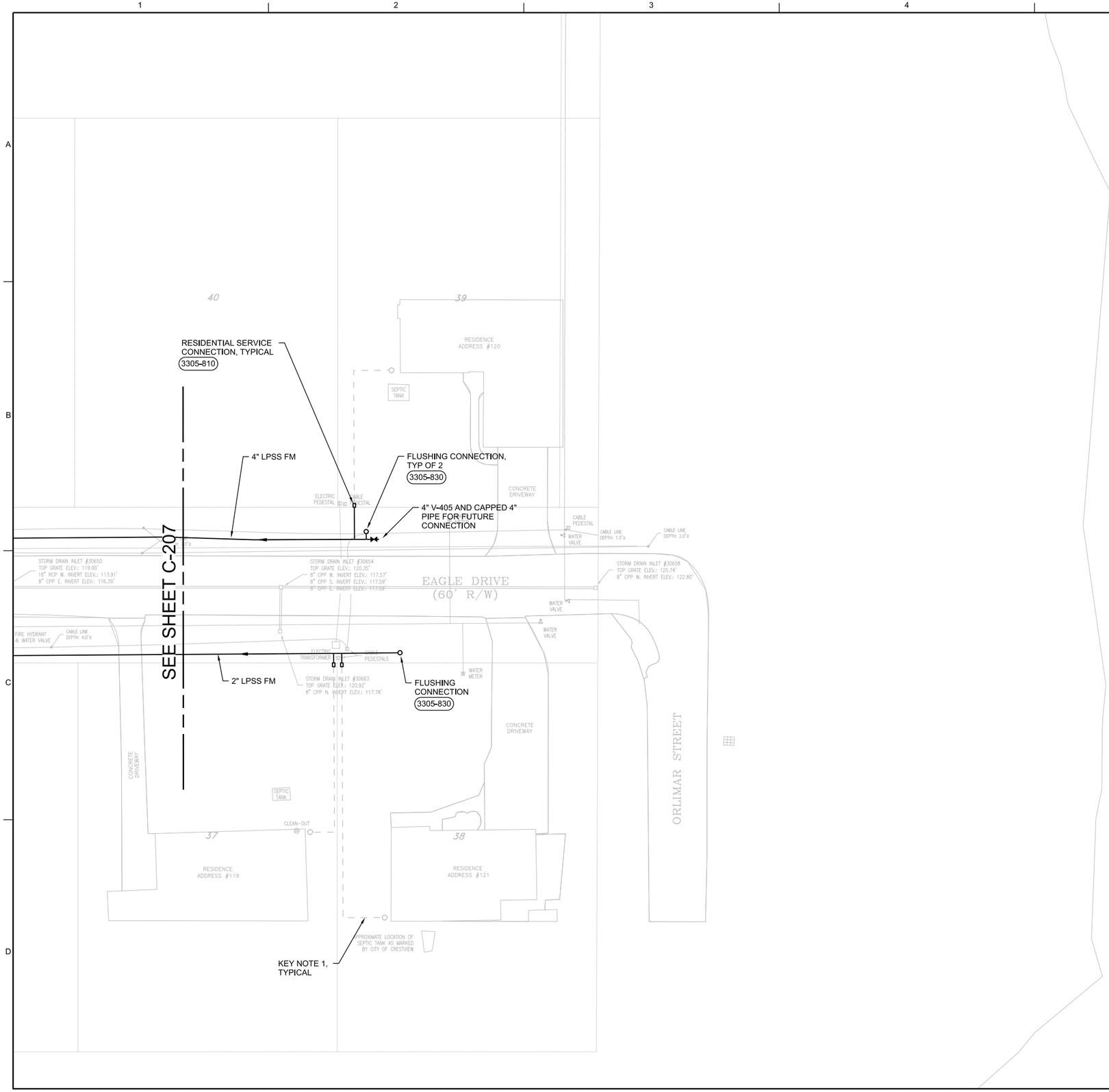

N

0 20 40 60

1" = 20'

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NO.	DATE	REVISION	BY	APVD

DSGN K WADDELL | DR S TATMAN | CHK M STICKLEY | APVD K WADDELL

Jacobs
25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

CIVIL
LOW-PRESSURE SSFM PLAN VIEW EAGLE DRIVE

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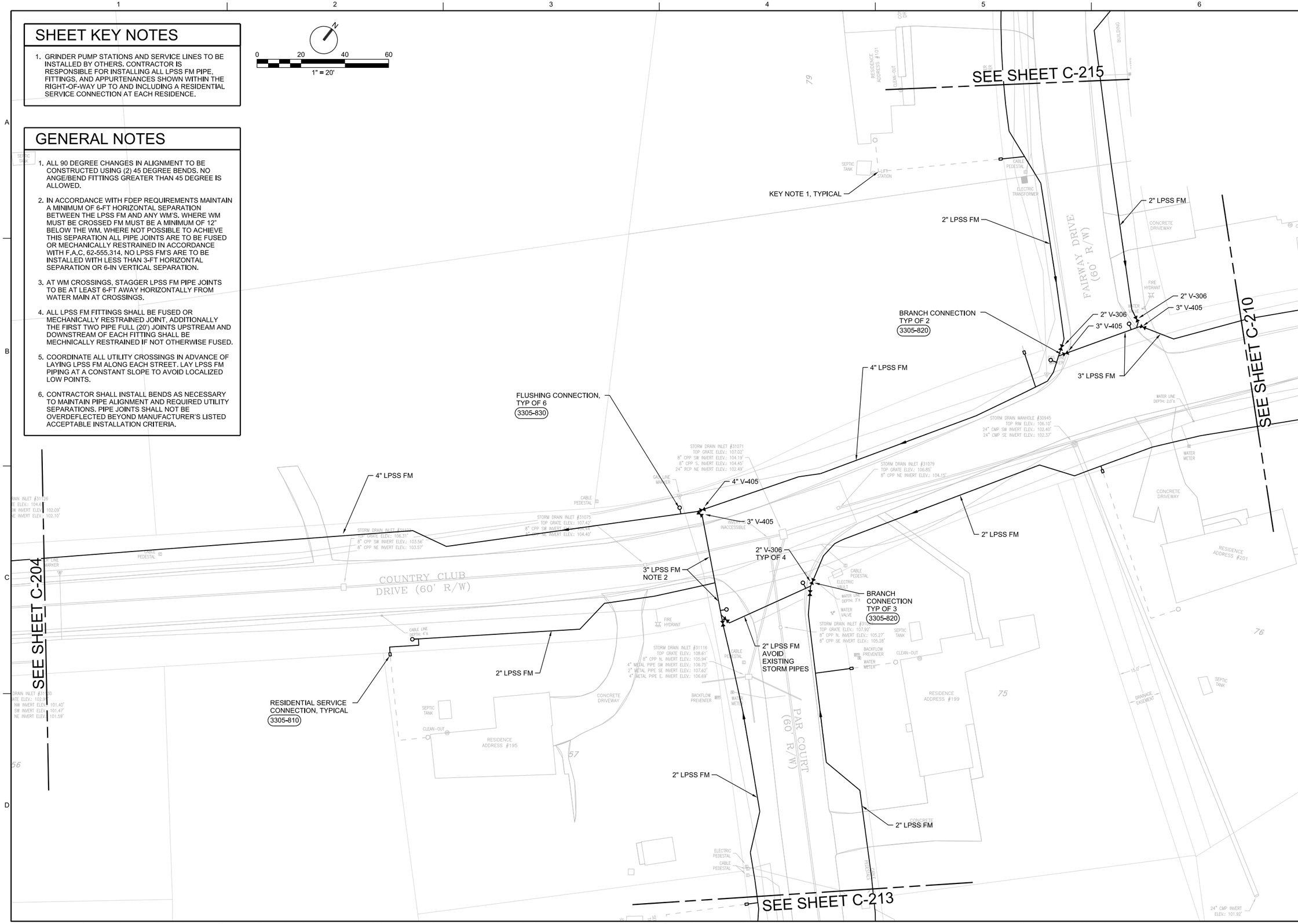

NO.	DATE	REVISION	BY	APVD

DSGN K WADDELL | DR S TATMAN | CHK M STICKLEY | APVD K WADDELL

25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

CIVIL
LOW-PRESSURE SSFM PLAN VIEW COUNTRY CLUB DRIVE

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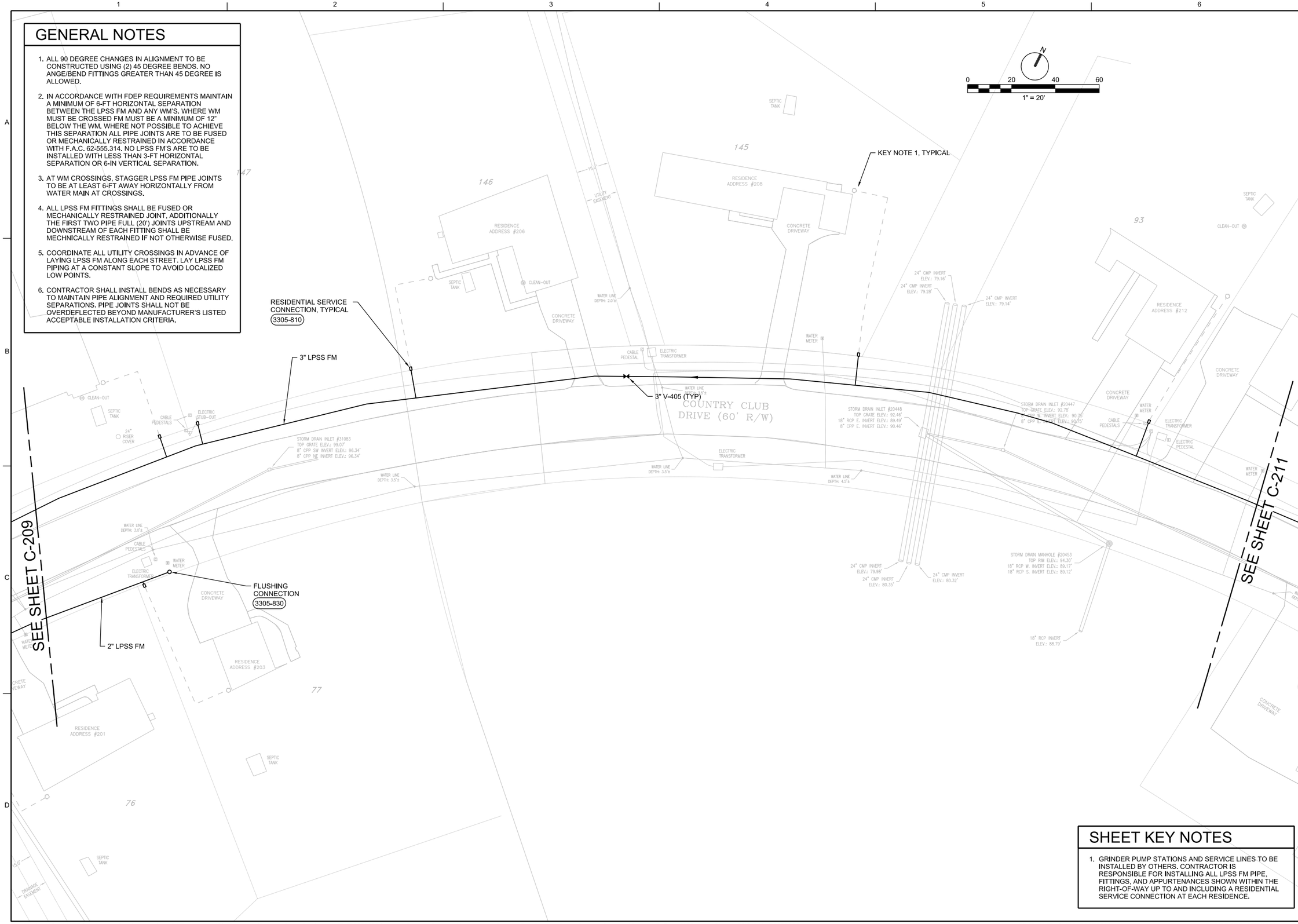

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NO.	DATE	REVISION	BY	APVD

DSGN K WADDELL | DR S TATMAN | CHK M STICKLEY | APVD K WADDELL

Jacobs
25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

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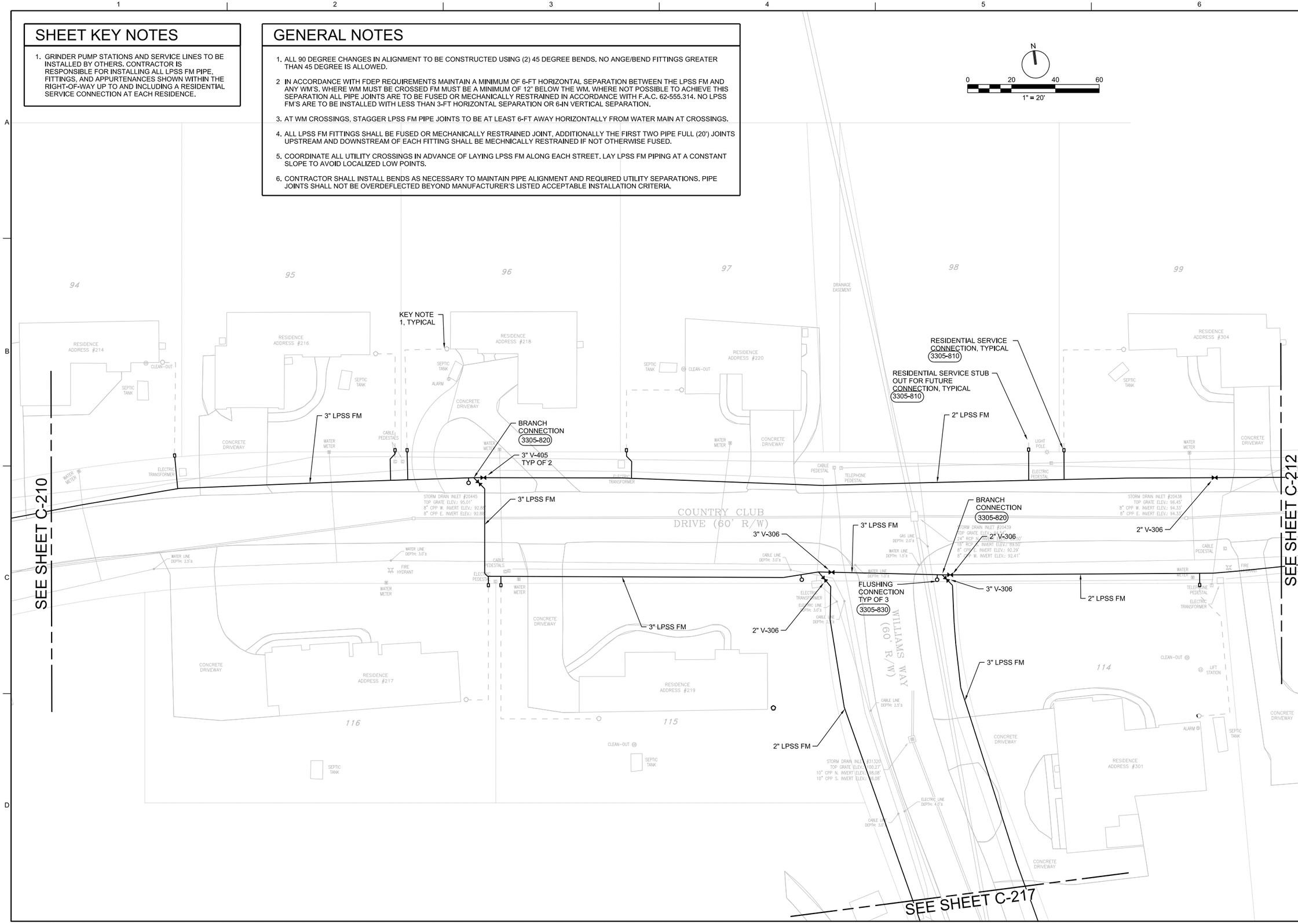

NO.	DATE	REVISION	BY	APVD

DSGN K WADDELL | DR S TATMAN | CHK M STICKLEY | APVD K WADDELL

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Jacobs
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PENSACOLA, FLORIDA 32502

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LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

CIVIL
LOW-PRESSURE SSFM PLAN VIEW COUNTRY CLUB DRIVE

VERIFY SCALE
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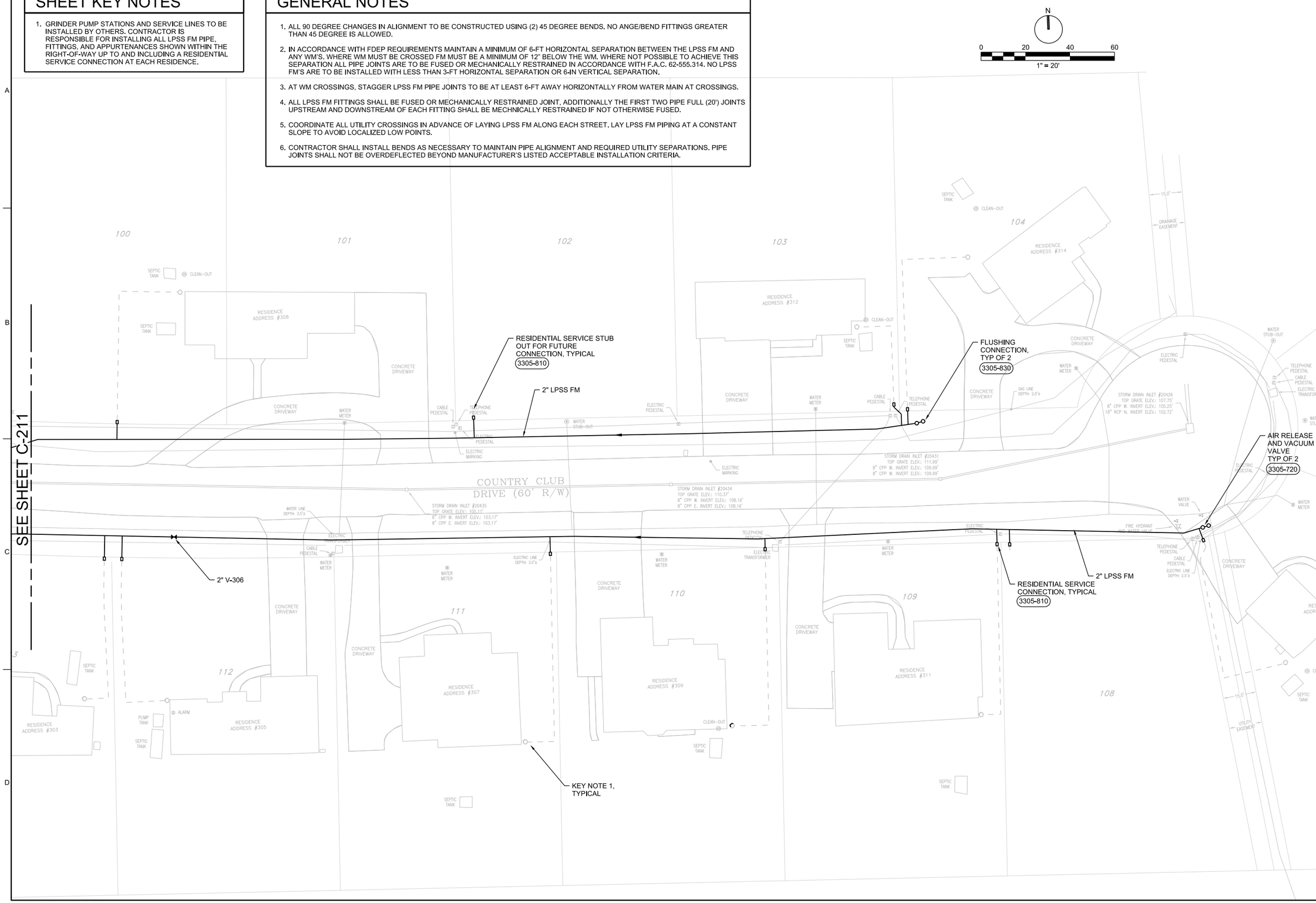

NO.	DATE	REVISION	BY	APVD

DSGN	DR	CHK	APVD
K WADDELL	S TATMAN	M STICKLEY	K WADDELL

Jacobs
25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

CIVIL
LOW-PRESSURE SSFM PLAN VIEW COUNTRY CLUB DRIVE

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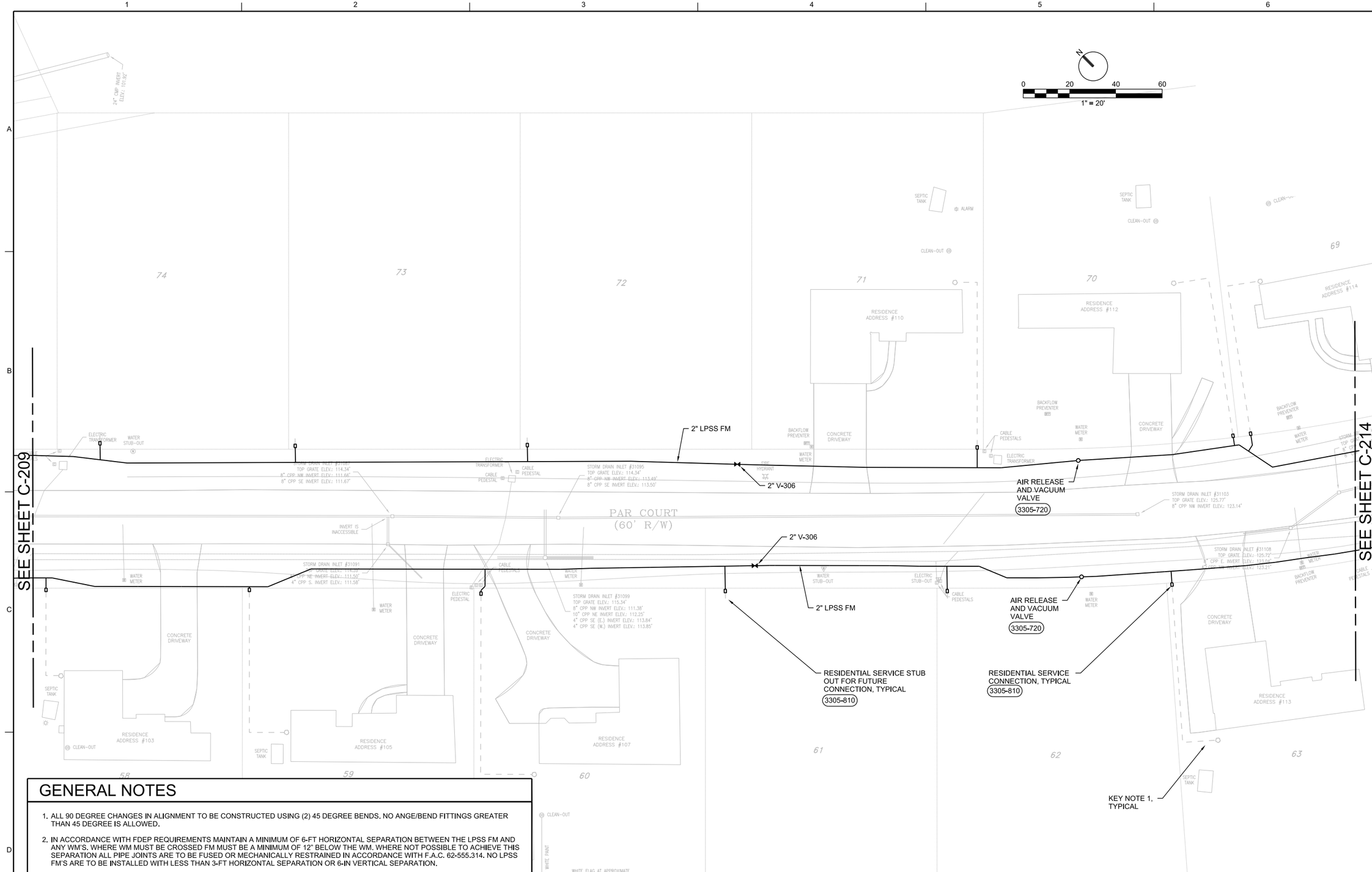

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DSGN	DR	CHK	APVD
K WADDELL	S TATMAN	M STICKLEY	K WADDELL

Jacobs
25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

CIVIL
LOW-PRESSURE SSFM PLAN VIEW PAR COURT

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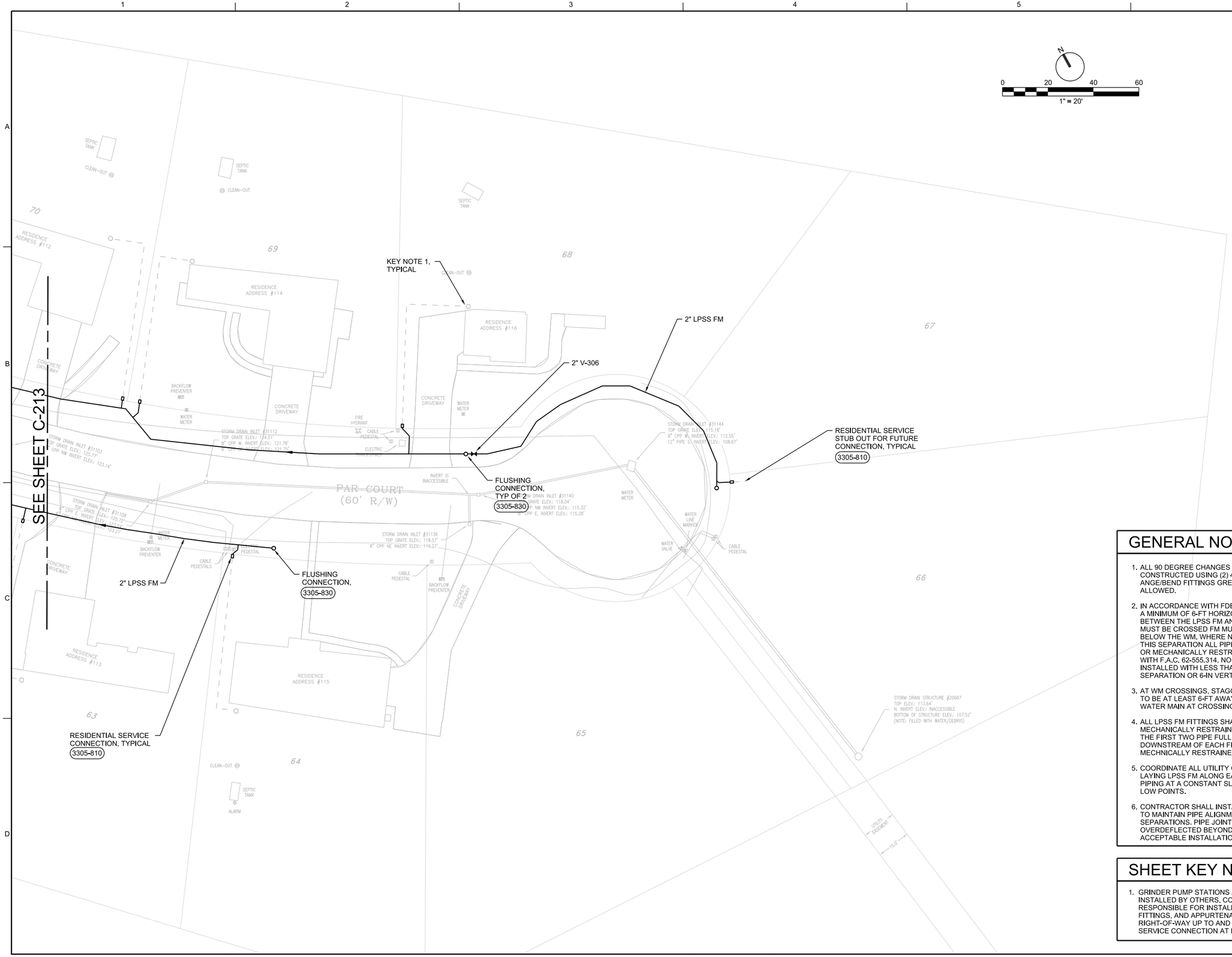

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NO.	DATE	REVISION	BY	APVD

DSGN	DR	CHK	APVD
K WADDELL	K WADDELL	S TATMAN	M STICKLEY	K WADDELL

25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

Jacobs

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

CIVIL
LOW-PRESSURE SSFM PLAN VIEW PAR COURT

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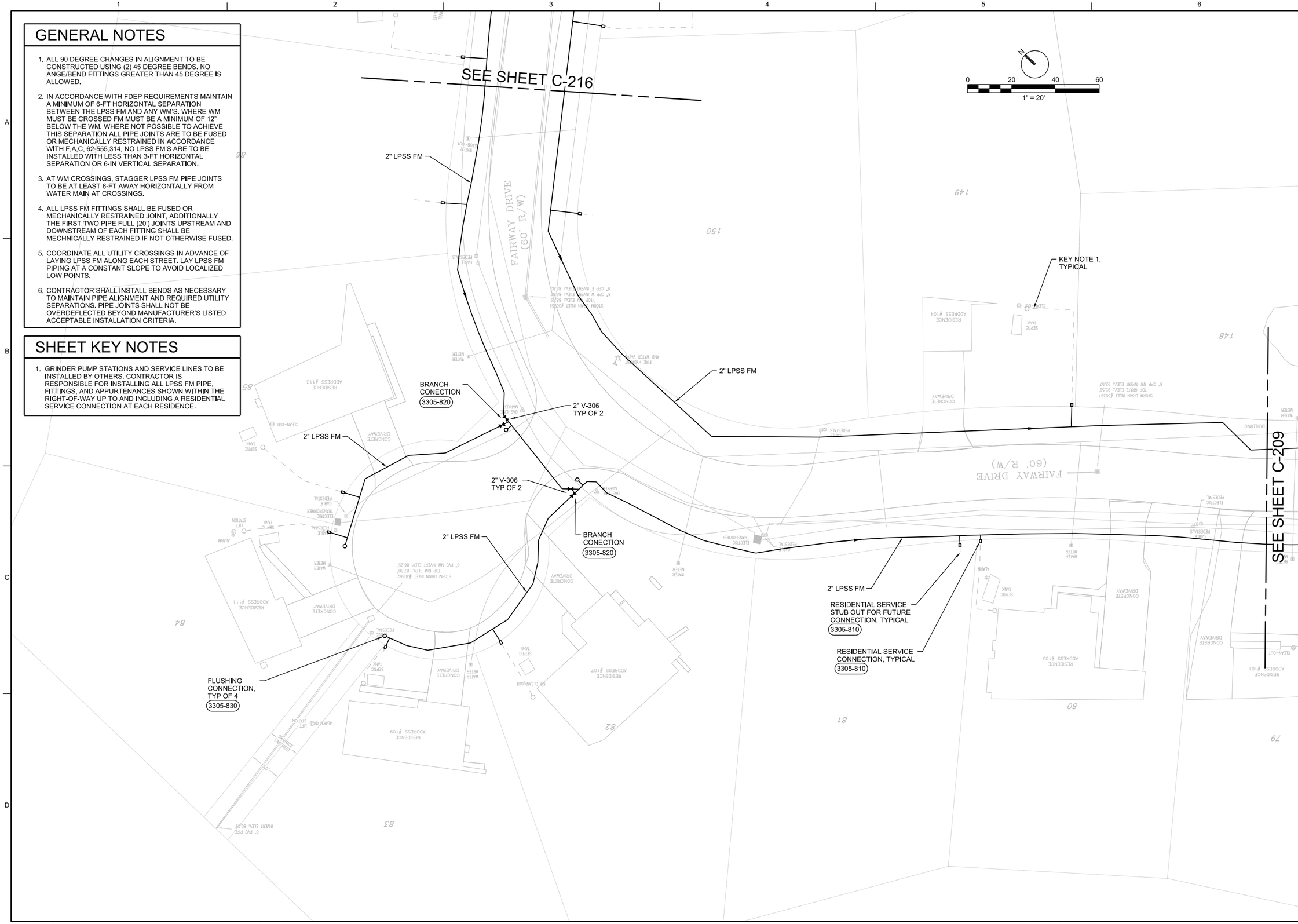

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K WADDELL

25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

FOXWOOD ESTATES
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CITY OF CRESTVIEW
CRESTVIEW, FL

Jacobs

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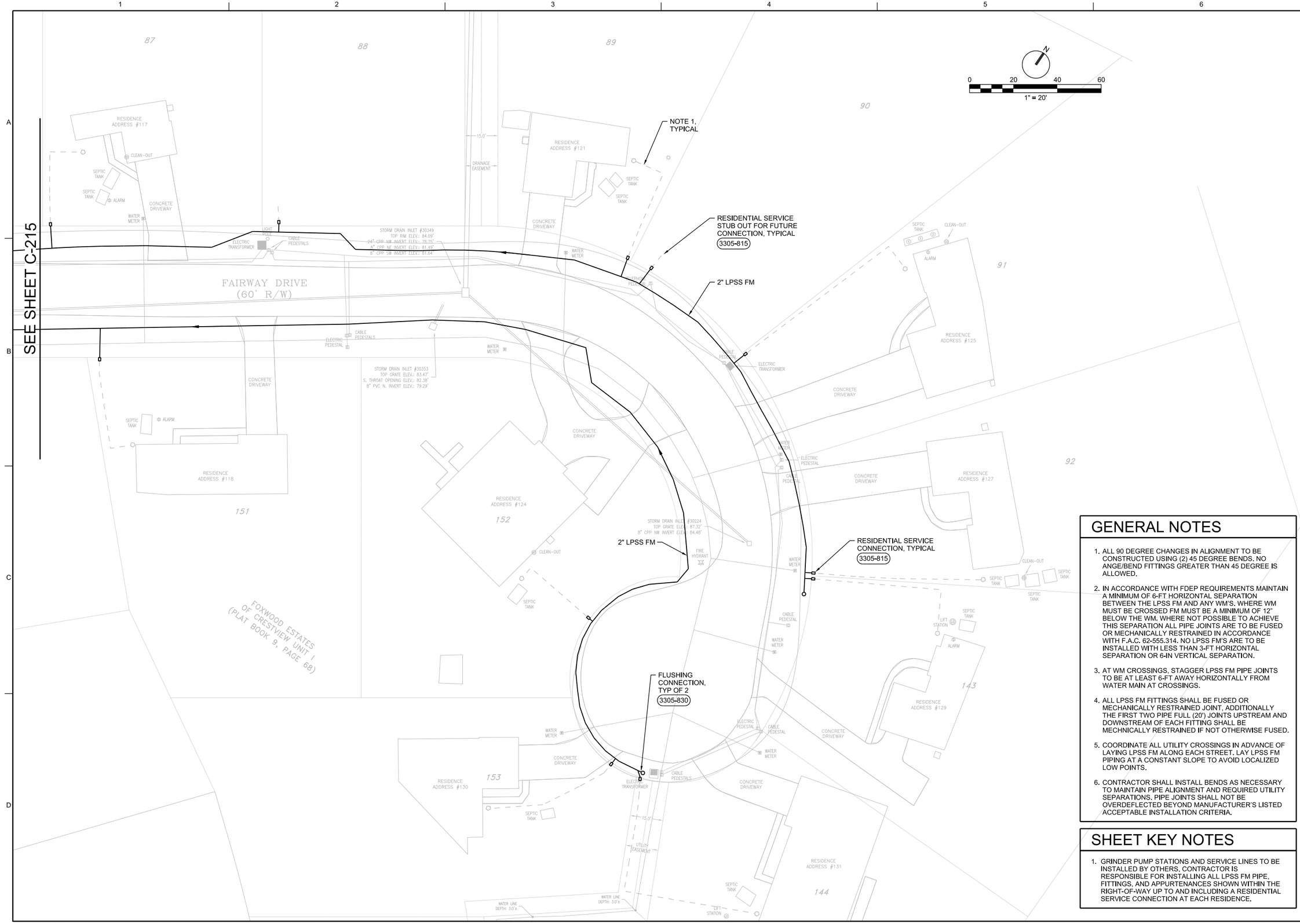

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NO.	DATE	REVISION	BY	APVD

DSGN	DR	CHK	APVD
K WADDELL	S TATMAN	M STICKLEY	K WADDELL

25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

CIVIL
LOW-PRESSURE SSFM PLAN VIEW
FAIRWAY DRIVE

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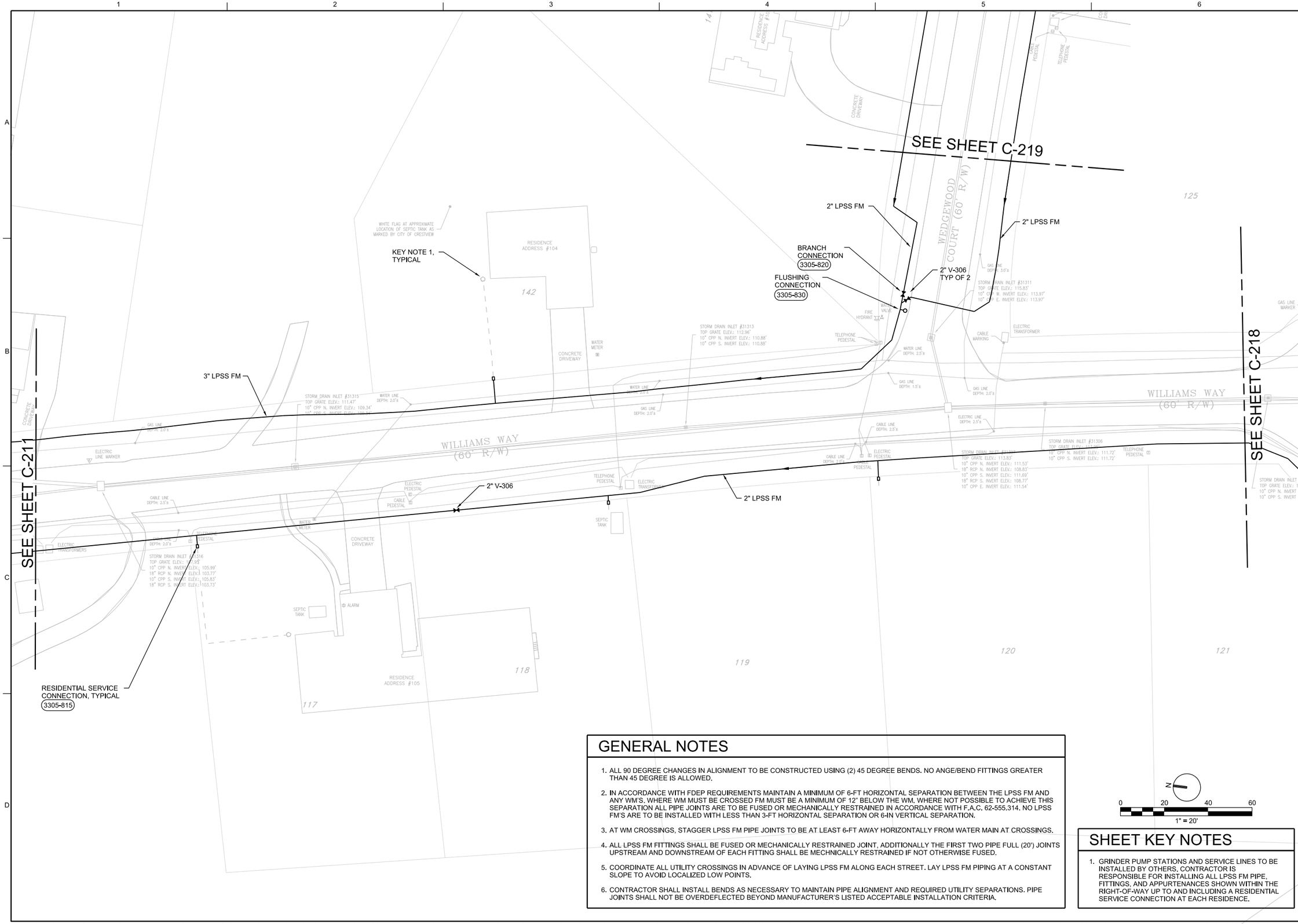

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NO.	DATE	REVISION	BY	APVD

DSGN	DR	CHK	APVD
K WADDELL	K WADDELL	S TATMAN	M STICKLEY

K WADDELL

Jacobs
25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

CIVIL
LOW-PRESSURE SSFM PLAN VIEW WILLIAMS WAY

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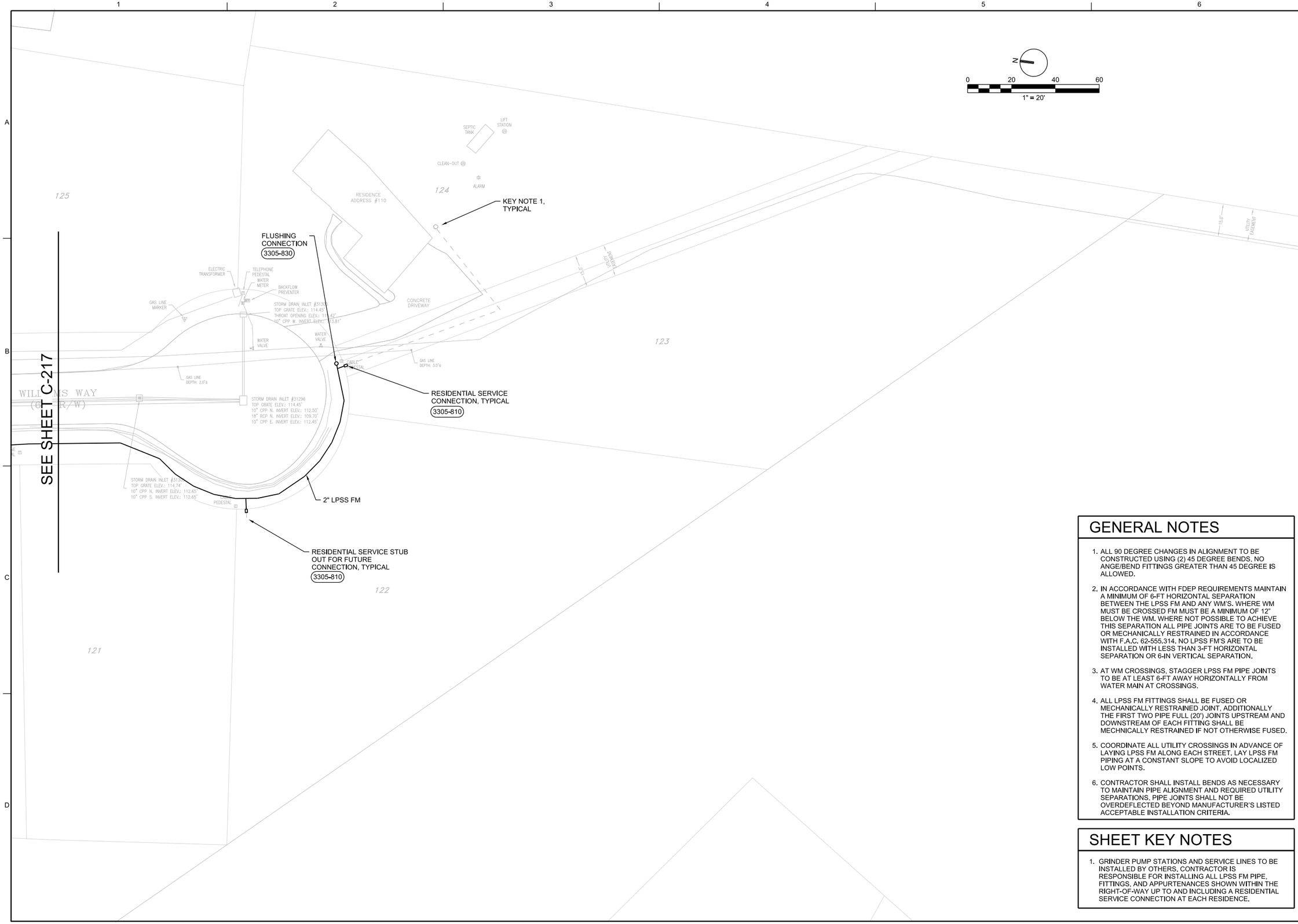

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K WADDELL	K WADDELL	S TATMAN	M STICKLEY	K WADDELL

25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

Jacobs

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

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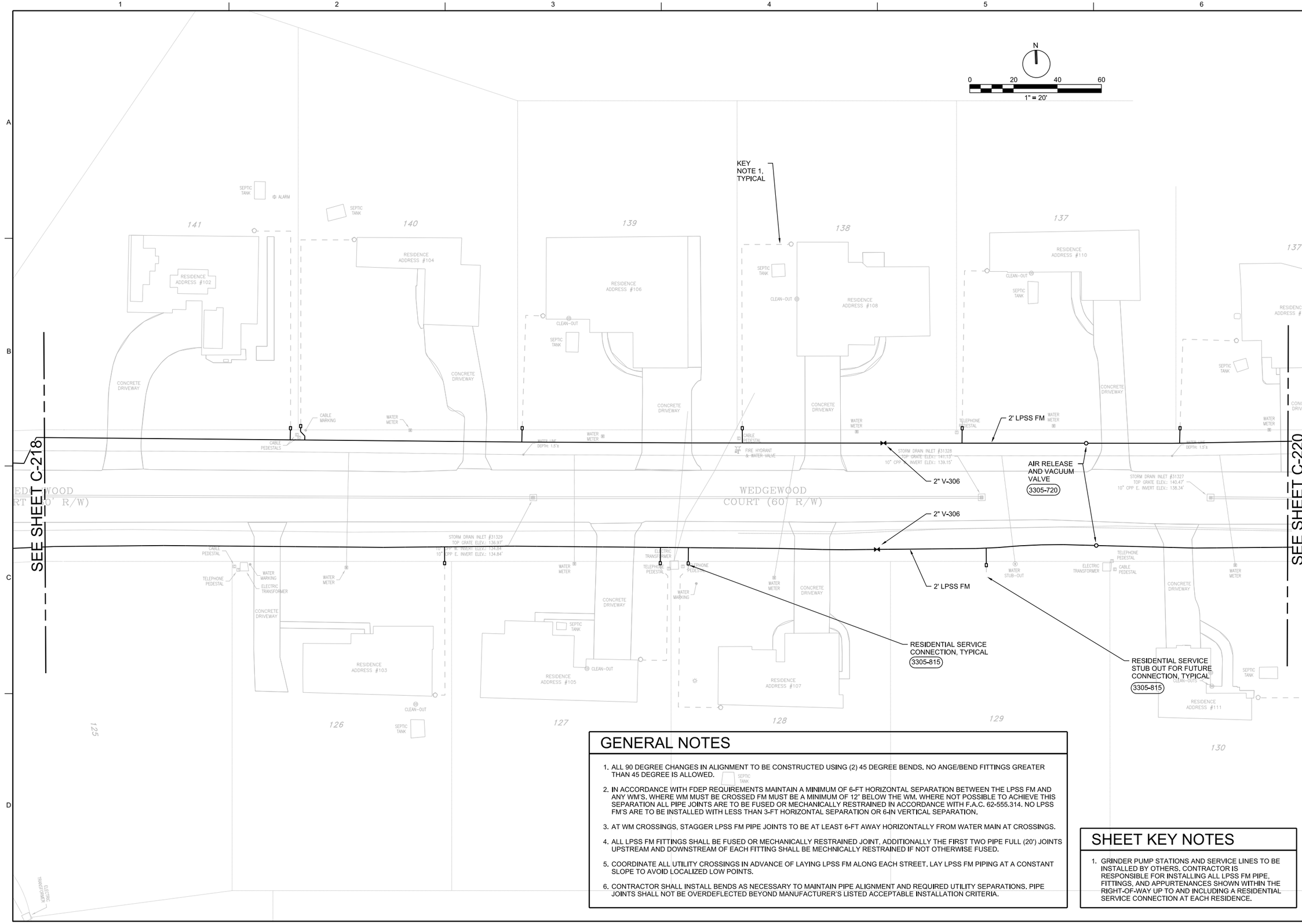

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PENSACOLA, FLORIDA 32502

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LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

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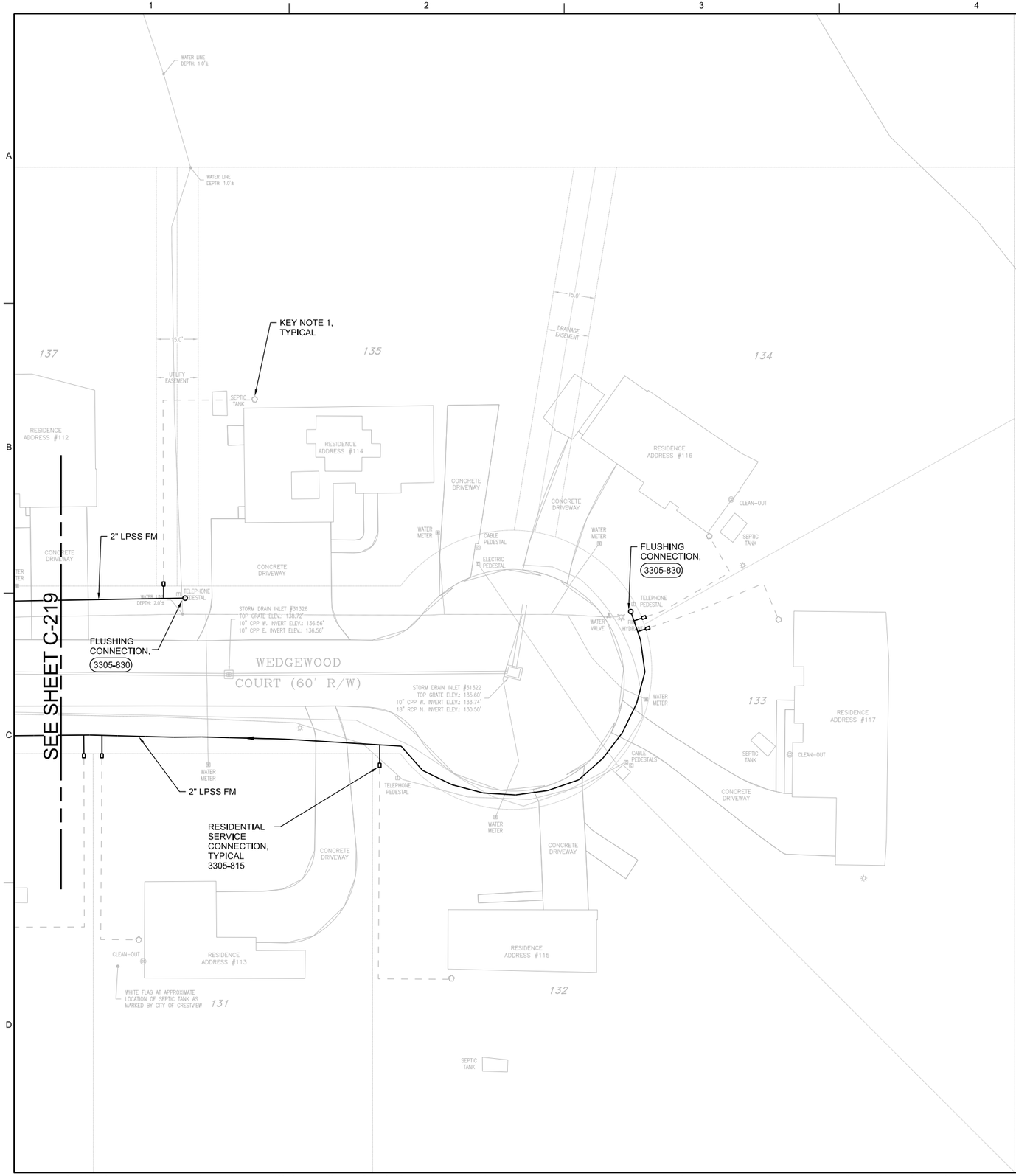

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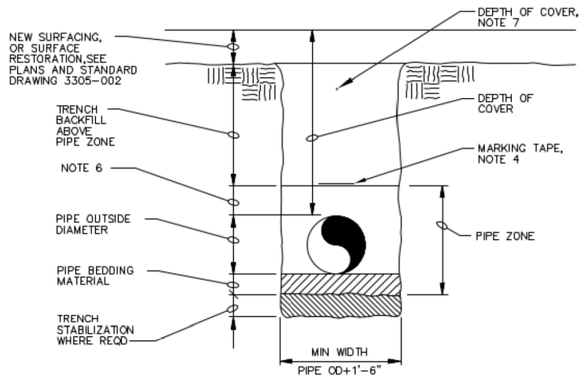


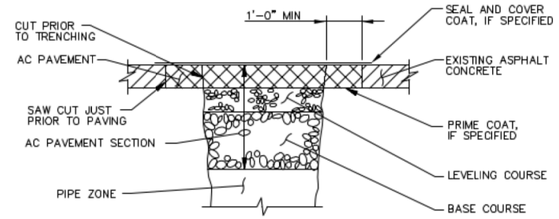
NOTES:

1. CONTRACTOR SHALL SLOPE TRENCH WALLS OR SHORE EXCAVATIONS FOR CONSTRUCTION AND SAFETY AND IN ACCORDANCE WITH CURRENT OSHA REQUIREMENTS.
2. FOUNDATION STABILIZATION MATERIAL SHALL BE INSTALLED ONLY AS APPROVED AND DIRECTED BY THE ENGINEER AND IN ACCORDANCE WITH THE SPECIFICATION.
3. SEE SPECIFICATION SECTION 31 23 16 EXCAVATION AND 31 23 23 TRENCH BACKFILL.
4. COORDINATE LOCATION OF MARKING TAPE WITH SPECIFICATIONS. TAPE REQUIRED FOR ALL PVC MAIN SEWERS AND ALL FORCE MAINS (HDPE, DIP OR PVC).
5. WHERE TRENCHES ARE IN AREAS NOT DESIGNATED TO RECEIVE NEW ASPHALT, GRAVEL OR PCC CONCRETE SURFACING, RESTORE EXISTING SURFACE USING SEED OR SOD AS DIRECTED.
6. MINIMUM DEPTH OVER PIPE IS BY SIZE AND SERVICE AS FOLLOWS:
   a. 4" AND 6" GRAVITY SERVICE: 6" MIN.
   b. 8" GRAVITY SERVICE AND LARGER AND ALL FORCE MAINS: 12" MIN.
7. PROVIDE TRACER WIRE PER SPECIFICATION FOR ALL FORCE MAINS. INSTALLED AT A DEPTH GREATER THAN 10'.

TYPICAL TRENCH

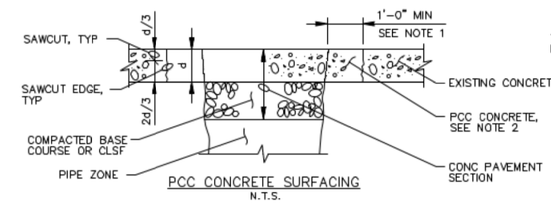
NTS

3305-001

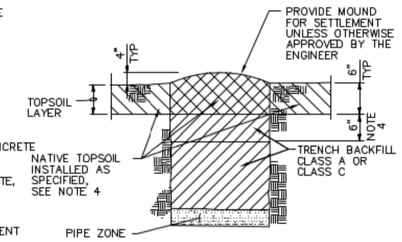


ASPHALT SURFACING
N.T.S.

GRAVEL SURFACING
N.T.S.



PCC CONCRETE SURFACING
N.T.S.



UNIMPROVED AREA
N.T.S.

NOTES:

1. IF LOCATION OF TRENCH SAW CUT IS WITHIN 2 FEET OF AN EXISTING JOINT OR EDGE OF CONCRETE, REPLACE ENTIRE CONCRETE SECTION TO THE JOINT OR EDGE.
2. CONSTRUCT JOINTS ACROSS NEW CONCRETE TO MATCH EXISTING JOINT TYPES AND LOCATIONS.
3. SURFACE RESTORATION MUST BE COMPATIBLE WITH TYPE OF BACKFILL USED. COMPACTED CRUSHED ROCK AND LEVELING COURSE BASE SHOULD NOT BE PLACED ON NATIVE MATERIAL.
4. THE TOP 6" OF TRENCH BACKFILL, BENEATH THE TOPSOIL LAYER, SHOULD BE INSTALLED, SMOOTHED, BUT LEFT UN-COMPACTED.
5. TOPSOIL SHALL EXTEND BEYOND TOP OF TRENCH A MINIMUM OF 12".
6. SOD OR SEED AS DIRECTED.

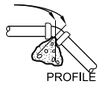
SURFACE RESTORATION

NTS

3305-002

FITTING SIZE	ROD SIZE	EMBEDMENT
12" AND LESS	#6	30"

GALVANIZED RODS OVER FITTING AND EMBEDDED IN CONCRETE (SEE TABLE FOR SIZES)



PROFILE

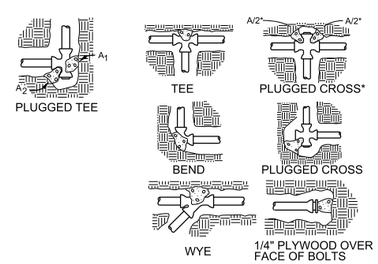
* EACH AREA (A/2) IS 1/2 OF TABULATED TOTAL AREA

BEARING AREA OF THRUST BLOCKS IN SQ. FT. (HORIZONTAL BENDS)							
FITTING SIZE	TEE, WYE, PLUG, OR CAP	90° BEND PLUGGED CROSS	TEE PLUGGED RUN		BEND ANGLE		
			A_1	A_2	45°	22 1/2°	11 1/4°
4	1.0	1.4	1.9	1.4	1.0	-	-
6	2.1	3.0	4.3	3.0	1.6	1.0	-
8	3.8	5.3	7.6	5.4	2.9	1.5	1.0
10	5.9	8.4	11.8	8.4	4.6	2.4	1.2
12	8.5	12.0	17.0	12.0	6.6	3.4	1.7

(VERTICAL BENDS)			
FITTING SIZE	BEND ANGLE		
	45°	22 1/2°	11 1/4°
4	1.1	0.4	0.2
6	2.7	1.0	0.4
8	4.0	1.5	0.6
10	6.0	2.3	0.9
12	8.5	3.2	1.3

THRUST BLOCK NOTES

1. KEEP CONCRETE CLEAR OF JOINT AND JOINT ACCESSORIES.
2. CONCRETE THRUST BLOCKING SHALL BE POURED AGAINST UNDISTURBED EARTH.
3. REQUIRED VOLUMES OR BEARING AREAS AT FITTINGS SHALL BE AS INDICATED BELOW, ADJUSTED, IF NECESSARY, TO CONFORM TO THE TEST PRESSURE(S) AND ALLOWABLE SOIL BEARING STRESS(ES) STATED IN THE SPECIFICATIONS.
4. THRUST BLOCK VOLUMES FOR VERTICAL BENDS HAVING UPWARD RESULTANT THRUSTS ARE BASED ON TEST PRESSURE OF 150 PSIG AND THE WEIGHT OF CONCRETE = 4050 LBS/CU YD. TO COMPUTE VOLUMES FOR DIFFERENT TEST PRESSURES, USE THE FOLLOWING EQUATION: VOLUME = (TEST PRESS./150) x (TABLE VALUE).
5. BEARING AREAS FOR HORIZONTAL BEND THRUST BLOCKS ARE BASED ON TEST PRESSURE OF 150 PSIG AND AN ALLOWABLE SOIL BEARING STRESS OF 2000 LBS/SQ FT. TO COMPUTE BEARING AREAS FOR DIFFERENT TEST PRESSURES AND SOIL BEARING STRESSES, MULTIPLY TABLE VALUES BY THE FACTOR $(13.33)(P'/S'_b)$, WHERE:
   P' = ACTUAL TEST PRESSURE, PSIG
   S'_b = ACTUAL SOIL BEARING PRESSURE, PSF.
6. THRUST BLOCKS FOR VERTICAL BENDS HAVING DOWNWARD RESULTANT THRUSTS SHALL BE THE SAME AS FOR HORIZONTAL BENDS.
7. BEARING AREAS, VOLUMES, AND SPECIAL BLOCKING DETAILS SHOWN ON PLANS TAKE PRECEDENCE OVER THIS STANDARD
8. BEARING AREA OF THRUST BLOCK SHALL NOT BE LESS THAN 1.0 SQ FT.
9. VERTICAL BENDS THAT REQUIRE A THRUST BLOCK VOLUME EXCEEDING 5 CUBIC YARDS REQUIRE SPECIAL BLOCKING DETAILS. SEE PLANS FOR VOLUMES SHOWN TO LEFT OF SOLID LINE IN TABLE.
10. TEST PRESSURES ARE SHOWN IN THE PIPING SCHEDULE.
11. ALLOWABLE SOIL BEARING STRESS IS 2000 LBS/SQ FT.



THRUST BLOCK NOTES AND DETAILS

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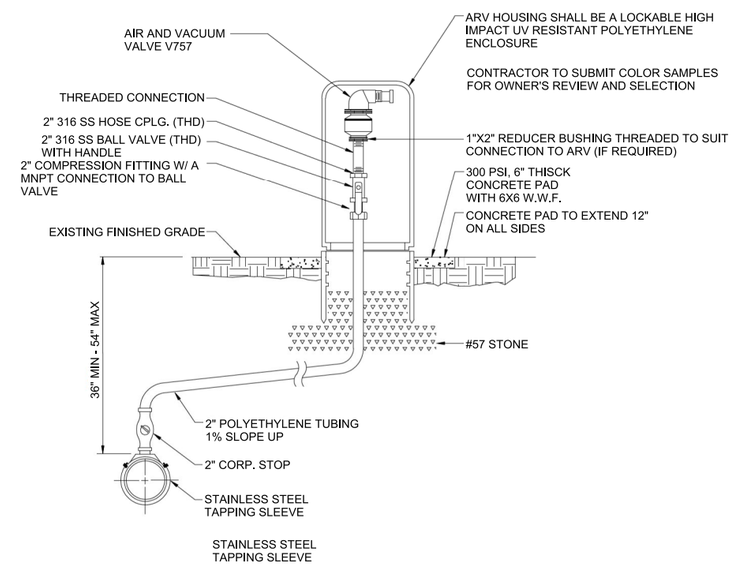

NOTES:

1. FINAL ENCLOSURE LOCATION SHALL BE COORDINATED WITH AND APPROVED BY OWNER.
2. ARV TO BE SUPPLIED WITH INSECT SCREENS.
3. ARV SHALL BE LABELED FOR SERVICE TYPE USING STAINLESS STEEL, ENGRAVED VALVE TAGS.
4. ARV HOUSING SHALL BE SIZED ACCORDING TO SERVICE TYPE AND LOCATION.

AIR AND VACUUM VALVE ASSEMBLY

NTS

3305-720

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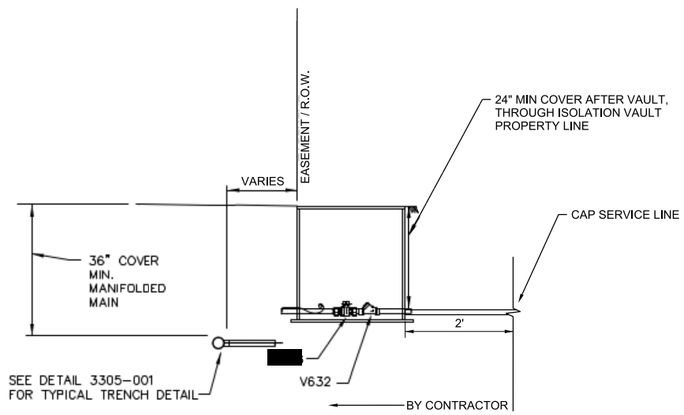


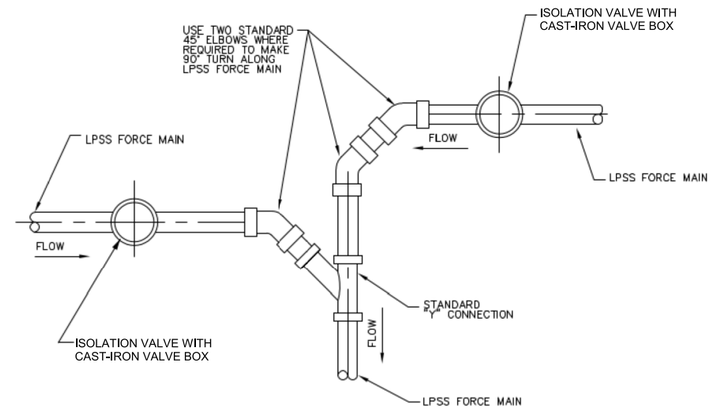
NOTES

1. SERVICE LINES TO BE 1-1/2" HDPE IPS DR 11

LOW PRESSURE SEWER RESIDENTIAL SERVICE CONNECTION

NTS

3305-810



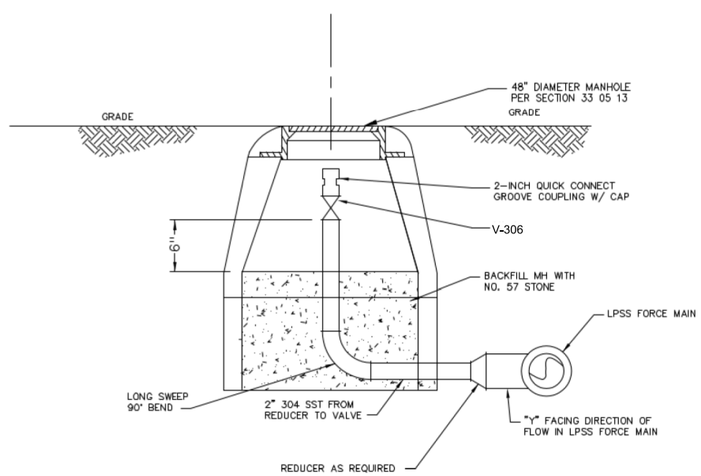
NOTES

1. ISOLATION VALVES: 2" = V306
3" = V405
4" = V405

LPSS FORCE MAIN BRANCH CONNECTIONS

NTS

3305-820



NOTES:

1. DIAMETER OF THIS FLUSHING CONNECTION WILL VARY BASED UPON SIZE OF THE LPSS FORCE MAIN.

TYPICAL FLUSHING CONNECTION FOR LPSS FORCE MAIN

NTS

3305-830

NO.	DATE	REVISION	BY	APVD

DSGN K WADDELL | DR S TATMAN | CHK M STICKLEY | APVD K WADDELL

25 W CEDAR STREET, SUITE 350
PENSACOLA, FLORIDA 32502

Jacobs

FOXWOOD ESTATES
LOW PRESSURE SEWER SYSTEM
CITY OF CRESTVIEW
CRESTVIEW, FL

CIVIL
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BID DOCUMENTS

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	OCTOBER 2023
PROJ	D3679600
DWG	C-502
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