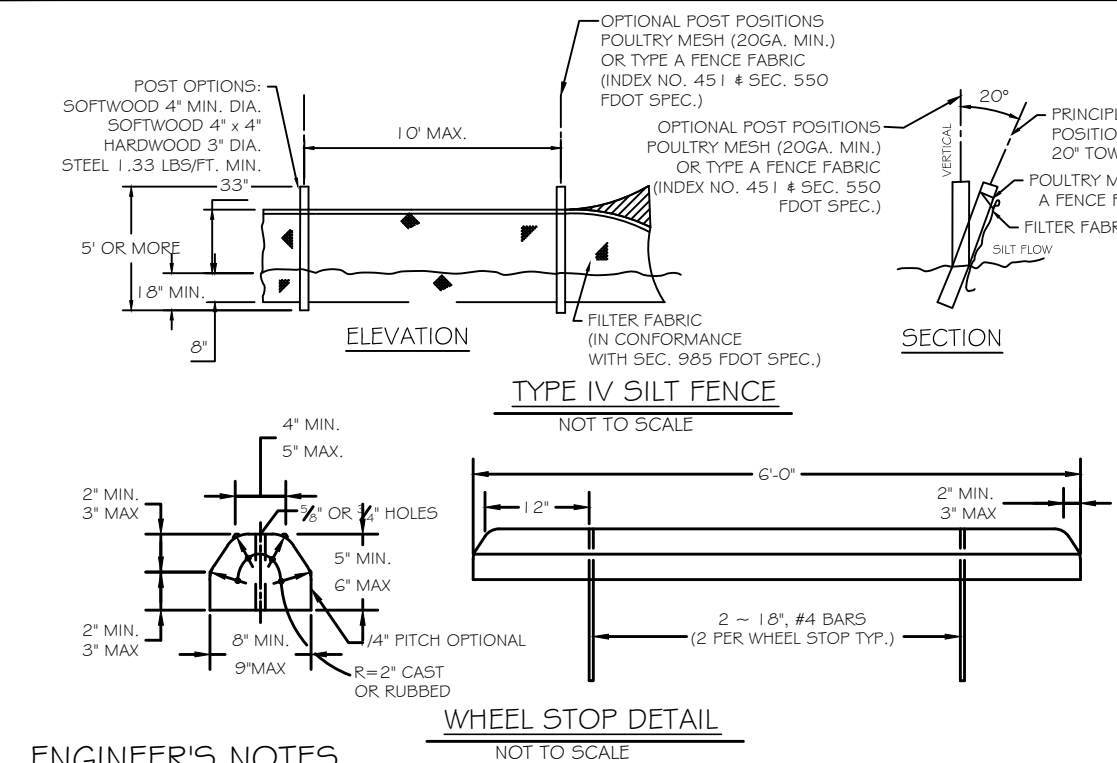


LOCATION MAP
NOT TO SCALE

PROJECT NO.	FL20202
DATE	JAN. 21, 2021
REVISION DATE	
SHEET	SHEETS
1	OF 6



ENGINEER'S NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO CONSTRUCTION TO ENSURE THAT ALL WORK WILL FIT IN THE MANNER INTENDED ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF SAID DIFFERENCES IMMEDIATELY AND PRIOR TO PROCEEDING WITH THE WORK.
2. ALL DISTURBED AREAS SHALL BE SEEDED WITH A MIXTURE OF LONG-TERM VEGETATION AND SHORT-TERM VEGETATION. THE LONG-TERM VEGETATION SHALL BE APPLIED AT A MINIMUM RATE OF 70 POUNDS PER ACRE. THE SHORT-TERM VEGETATION SHALL BE APPLIED AT A MINIMUM RATE OF 20 POUNDS PER ACRE AND SHALL CONSIST OF WINTER RYE FROM SEPTEMBER THROUGH MARCH OR MILLET FROM APRIL THROUGH AUGUST.
3. THE PERMITTEE/CONTRACTOR SHALL INSTITUTE NECESSARY MEASURES DURING CONSTRUCTION TO MINIMIZE EROSION, TURBIDITY, NUTRIENT LOADING, AND SEDIMENTATION TO ADJACENT LANDS AND IN THE RECEIVING WATER.
4. ALL GRADES MAY BE ADJUSTED IN THE FIELD A MAXIMUM OF SIX (6) INCHES AS LONG AS THE FLOW OF WATER IS NOT CHANGED.
5. WHERE DITCH MUST BE DEEPER THAN NORMAL TO ACCOMMODATE A PIPE, THE TRANSITION FROM NORMAL DITCH GRADE TO PIPE FLOW LINE SHALL BE A MINIMUM LENGTH OF 100 FEET.
6. THE CONTRACTOR SHALL ADHERE TO THE EROSION AND SEDIMENTATION CONTROL PLAN PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION UNTIL THE AS-BUILTS ARE COMPLETED.
7. QUANTITIES ARE ESTIMATES ONLY. CONTRACTOR SHALL VERIFY QUALITIES PRIOR TO BID AND CONSTRUCTION.
8. NO FILL SHALL BE PLACED ON EXISTING GROUND UNTIL THE GROUND HAS BEEN CLEARED OF WEEDS, DEBRIS, TOPSOIL AND OTHER DELETERIOUS MATERIAL.

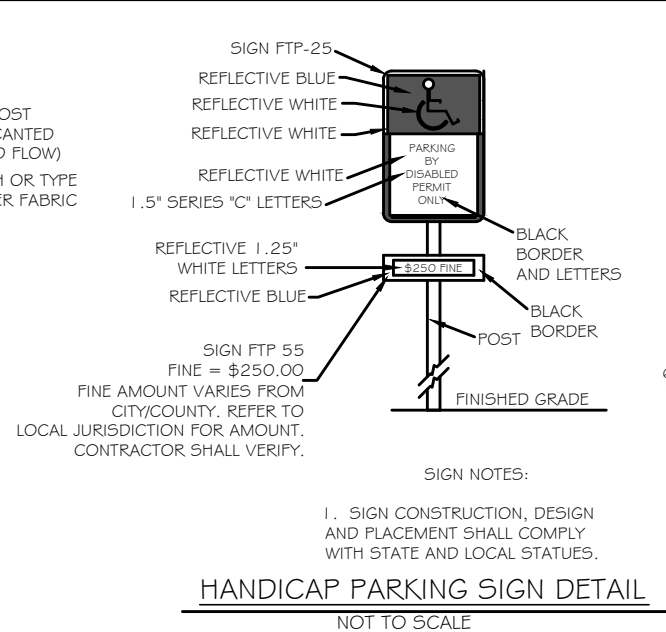
UNAUTHORIZED CHANGES AND USES CAUTION:

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE GOVERNING AGENCIES.

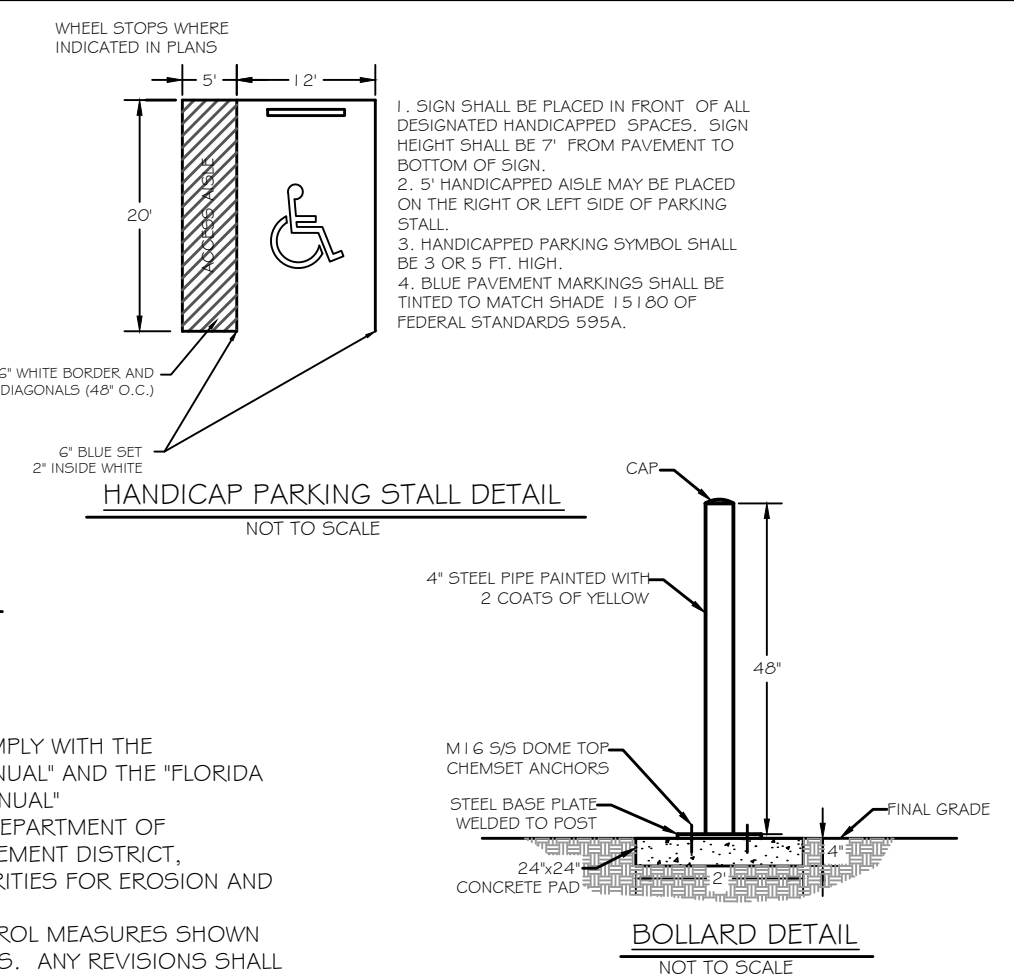
PRIVATE ENGINEER'S NOTICE TO CONTRACTOR:

THE CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, HE/SHE WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.



EROSION CONTROL NOTES

1. EROSION AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF THE "FLORIDA DEVELOPMENT MANUAL" AND THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL"
2. THE CONTRACTOR SHALL ADHERE TO THE FLORIDA DEPARTMENT OF TRANSPORTATION, SUWANNEE RIVER WATER MANAGEMENT DISTRICT, COLUMBIA COUNTY AND OTHER GOVERNING AUTHORITIES FOR EROSION AND SEDIMENT CONTROL REGULATIONS.
3. THE CONTRACTOR SHALL ADJUST AND REVISE CONTROL MEASURES SHOWN ON THESE PLANS TO MEET ACTUAL FIELD CONDITIONS. ANY REVISIONS SHALL BE APPROVED BY THE REVIEWING AGENCIES.
4. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
5. EROSION AND SEDIMENT CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE AND UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED.
6. ALL OPEN DRAINAGE SWALES SHALL BE GRASSED AND RIPRAP SHALL BE PLACED AS REQUIRED TO CONTROL EROSION.
7. SILT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT FROM LEAVING PROJECT LIMITS.
8. CONTRACTOR SHALL PLACE A DOUBLE ROW OF SILT FENCE IN AREAS WHERE RUNOFF FROM DISTURBED AREAS MAY ENTER WETLANDS.
9. DURING CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE, ALL STRUCTURES SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT.
10. ALL GRADED AREAS SHALL BE STABILIZED IMMEDIATELY WITH A TEMPORARY FAST-GROWING COVER AND/OR MULCH.
11. A PAD OF RUBBLE RIP RAP SHALL BE PLACED AT THE BOTTOM OF ALL COLLECTION FLUMES AND COLLECTION PIPE OUTLETS. GRANITE OR LIMESTONE RIPRAP IS REQUIRED, NO BROKEN CONCRETE WILL BE ACCEPTED.
12. ALL SIDE SLOPES STEEPER THAN 3:1 SHALL BE ADEQUATELY PROTECTED FROM EROSION THROUGH THE USE OF HAY BALES OR SODDING.
13. ALL STABILIZATION PRACTICES SHALL BE INITIATED AS SOON AS PRACTICABLE IN AREAS OF THE JOB WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY STOPPED, BUT IN NO CASE SHALL THE DISTURBED AREA BE LEFT UNPROTECTED FOR MORE THAN SEVEN DAYS.
14. ALL WASTE GENERATED ON THE PROJECT SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY CONTRACTOR.
15. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPS.
16. EXCESS DIRT SHALL BE REMOVED DAILY.
17. THIS PROJECT SHALL COMPLY WITH ALL WATER QUALITY STANDARDS.
18. QUALIFIED PERSONNEL SHALL INSPECT THE AREA USED FOR STORAGE OF STOCKPILES, THE SILT FENCE AND STRAW BALES, THE LOCATION WHERE VEHICLES ENTER OR EXIT THE SITE, AND THE DISTURBED AREAS THAT HAVE NOT BEEN FINALLY STABILIZED, AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM OF 0.25 INCHES OR GREATER.
19. SITES THAT HAVE BEEN FINALLY STABILIZED WITH SOD OR GRASSING SHALL BE INSPECTED AT LEAST ONCE EVERY WEEK.



LEGEND

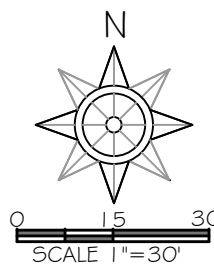
F.S.	-	FINISHED SURFACE
E.S.	-	EXISTING SURFACE
130	-	PROPOSED CONTOUR (2' INTERVALS)
(130)	-	EXISTING CONTOUR (2' INTERVALS)
DAYLIGHT LINE	-	DAYLIGHT LINE
EXISTING FENCE	-	EXISTING FENCE
PROPERTY LINE	-	PROPERTY LINE
CENTER LINE	-	CENTER LINE
SILT FENCE	-	SILT FENCE
UP	-	EXISTING OVERHEAD UTILITIES
OP	-	EXISTING OVERHEAD ELECTRIC
D	-	PROPOSED DUMPSTER LOCATION

NOTE: ALL UTILITY PROVIDERS MUST BE CONTACTED PRIOR TO DIGGING IN ACCORDANCE TO CHAPTER 556 "SUNSHINE STATE ONE CALL" CALL 811 48 HOURS PRIOR TO DIGGING

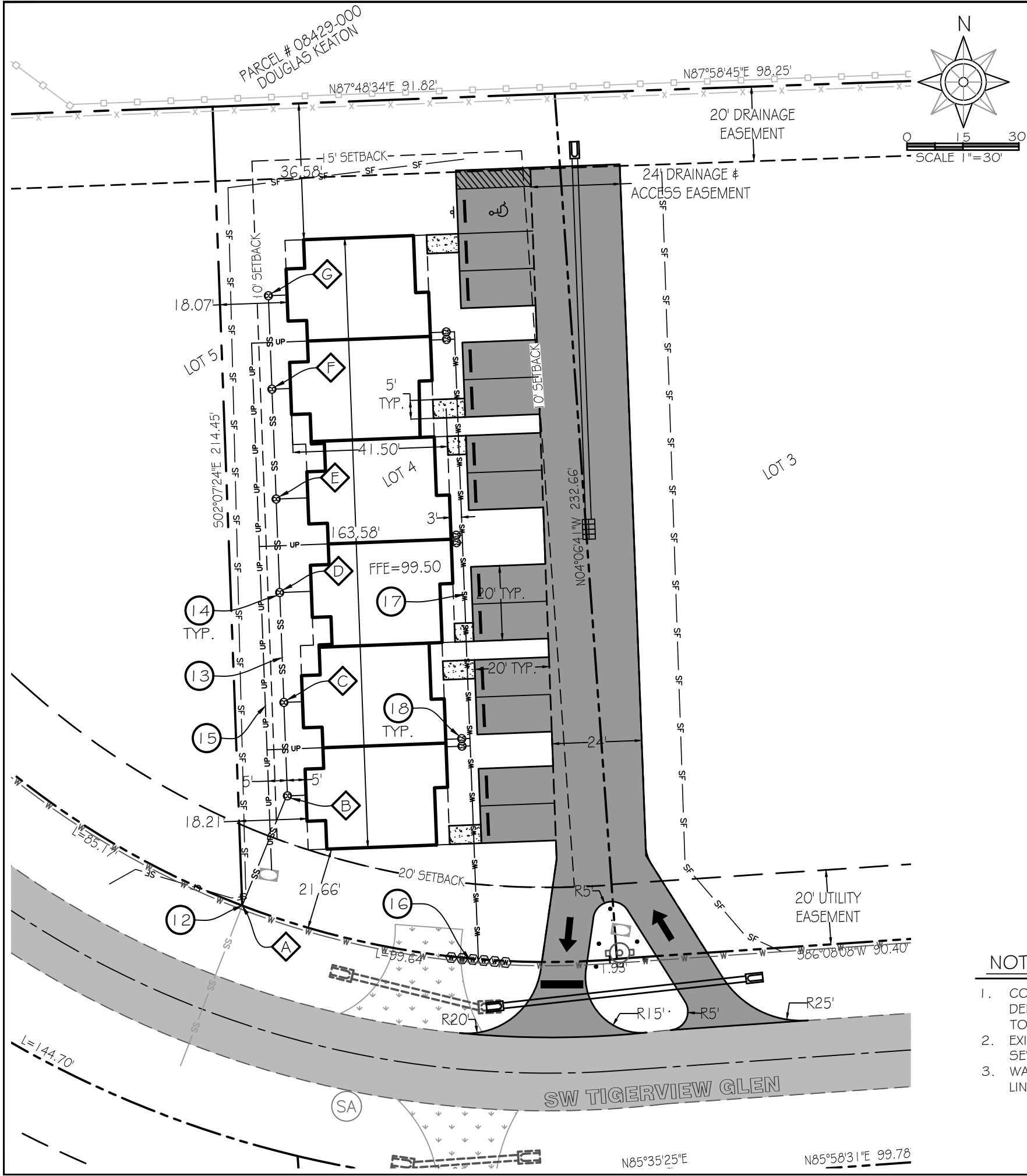


Carol Chadwick, PE
cn=Carol Chadwick, PE,
o=This item has been electronically signed and sealed by Carol Chadwick, PE using a digital signature., ou,
email=ccpewyo@mail.com, c=US
2021.01.21
15:30:26 -05'00'

TOUCHSTONE APARTMENTS		NOTES, LEGEND & DETAILS	
PROJECT NO. FL20202	DATE JAN. 21, 2021	REVISION DATE	SHEET 2 of 6
PREPARED FOR BLAKE CONSTRUCTION CO. OF NORTH FLORIDA 618 SW FLORIDA GATEWAY DR. LAKE CITY, FL 32024 CONTACT: BLAKE LUNDE, II 386.754.5810 blake@blakeconstruction.com		REVISION DESCRIPTION DATE	



PROJECT NO. FL20202	TOUCHSTONE APARTMENTS SITE & DIMENSION PLAN
DATE JAN. 21, 2021	PREPARED FOR BLAKE CONSTRUCTION CO. OF NORTH FLORIDA 618 SW FLORIDA GATEWAY DR. LAKE CITY, FL 32024 CONTACT: BLAKE LUNDE, II 386.754.5810 blake@blakeconstruction.com
REVISION DATE	REVISION DESCRIPTION
SHEET 3 of 6	DATE



CONSTRUCTION NOTES & ESTIMATED QUANTITIES

- 12 CONNECT TO EXISTING SEWER LATERAL 1 EA.
- 13 INSTALL 4" SEWER LATERAL 451 L.F.
- 14 INSTALL 4" SEWER CLEANOUT 6 EA.
- 15 ELECTRIC SERVICES BY OTHERS 6 EA.
- 16 WATER METER BY CITY 6 EA.
- 17 INSTALL 1" WATER SERVICE 680 L.F.
- 18 INSTALL CURB STOP 6 EA.

SEWER SERVICE INVERT TABLE				
C.O.	INVERT	LENGTH, L.F.	SLOPE, %	NOTE
A	93.87	31.84	.50	CONNECT TO EXISTING SEWER LATERAL
B	94.35			
C	94.72	25.08	.50	
D	95.17	29.50	.50	
E	95.54	25.08	.50	
F	95.89	29.50	.50	
G	96.36	25.08	.50	

NOTES

- CONTRACTOR TO VERIFY LOCATION AND DEPTH OF EXISTING SEWER LATERAL PRIOR TO CONSTRUCTION
- EXISTING LIFT STATION WILL BE USED FOR SEWER SERVICES
- WATER LINE TO EACH UNIT TO BE INDIVIDUAL LINE IN TRENCH



Carol Chadwick, PE
cn=Carol Chadwick, PE,
o=This item has been
electronically signed and
sealed by Carol Chadwick, PE
using a digital signature., ou,
email=ccpevyo@gmail.com,
c=US
2021.01.21 15:31:02 -05'00'

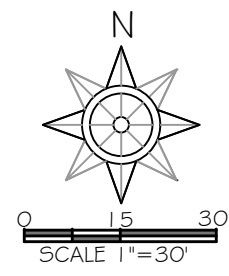
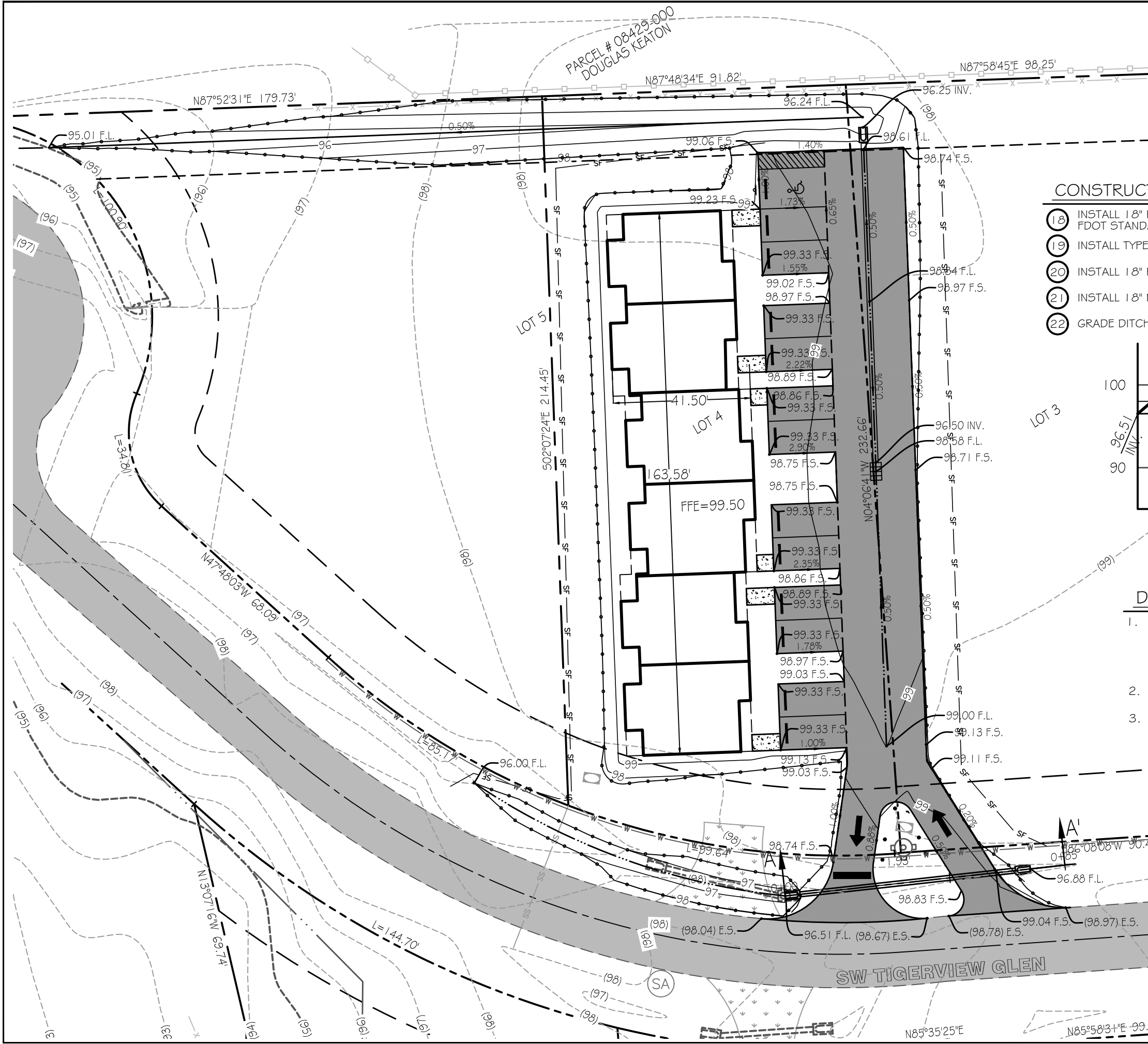


TOUCHSTONE APARTMENTS
UTILITY PLAN

PROJECT NO. FL20202
DATE JAN. 21, 2021
REVISION DATE
SHEET 4 of 6

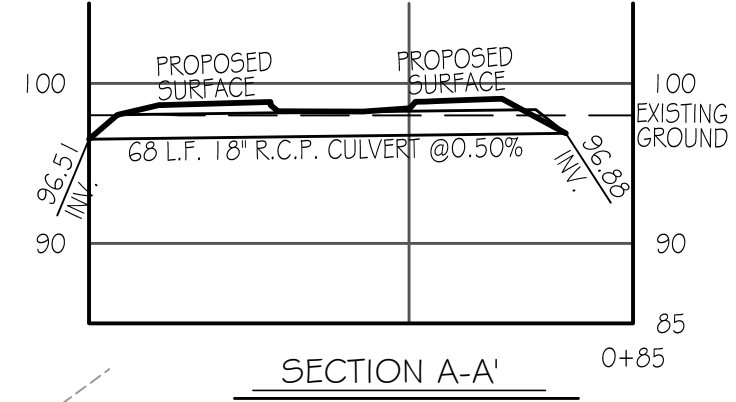
PREPARED FOR:
BLAKE CONSTRUCTION CO.
OF NORTH FLORIDA
618 SW FLORIDA GATEWAY DR.
LAKE CITY, FL 32024
CONTACT: BLAKE LUNDE, II
386.754.5810
blake@blakeconstruction.com

CAROL CHADWICK, P.E.
LICENSE NO. 82560
STATE OF FLORIDA
PROFESSIONAL ENGINEER



CONSTRUCTION NOTES & ESTIMATED QUANTITIES

- 18 INSTALL 18" R.C.P. CULVERT WITH M.E.S. PER FDOT STANDARD INDEX 430-001 & 430-022 68 L.F.
- 19 INSTALL TYPE F INLET PER FDOT INDEX 425-053 1 EA.
- 20 INSTALL 18" R.C.P. PIPE 98 L.F.
- 21 INSTALL 18" M.E.S. PER FDOT STANDARD INDEX 430-022 1 EA.
- 22 GRADE DITCH TO DRAIN WITH 4:1 SIDE SLOPES 357 L.F.



DRAINAGE NOTES

- 1. SITE SHALL BE GRADED SO THAT NO WATER PONDS OTHER THAN IN THE BASIN AND SO THAT ALL RUNOFF WILL DRAIN TO THE RETENTION POND WITHIN THE PROJECT SITE.
- 2. ALL SLOPES ARE 4:1, UNLESS INDICATED OTHERWISE.
- 3. ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED.



Carol Chadwick, PE
cn=Carol Chadwick,
PE, o=This item has
been electronically
signed and sealed by
Carol Chadwick, PE
using a digital
signature., ou,
email=ccpewyo@gmail
l.com, c=US
2021.01.21 15:31:18
-05'00'



TOUCHSTONE APARTMENTS

GRADING PLAN

PROJECT NO. FL20202

DATE JAN. 21, 2021

REVISION DATE

SHEET 5 of 6

PREPARED FOR
BLAKE CONSTRUCTION CO.
OF NORTH FLORIDA
618 SW FLORIDA GATEWAY DR.
LAKE CITY, FL 32024
CONTACT: BLAKE LUNDE, II
386.754.5810
blake@blakeconstruction.com

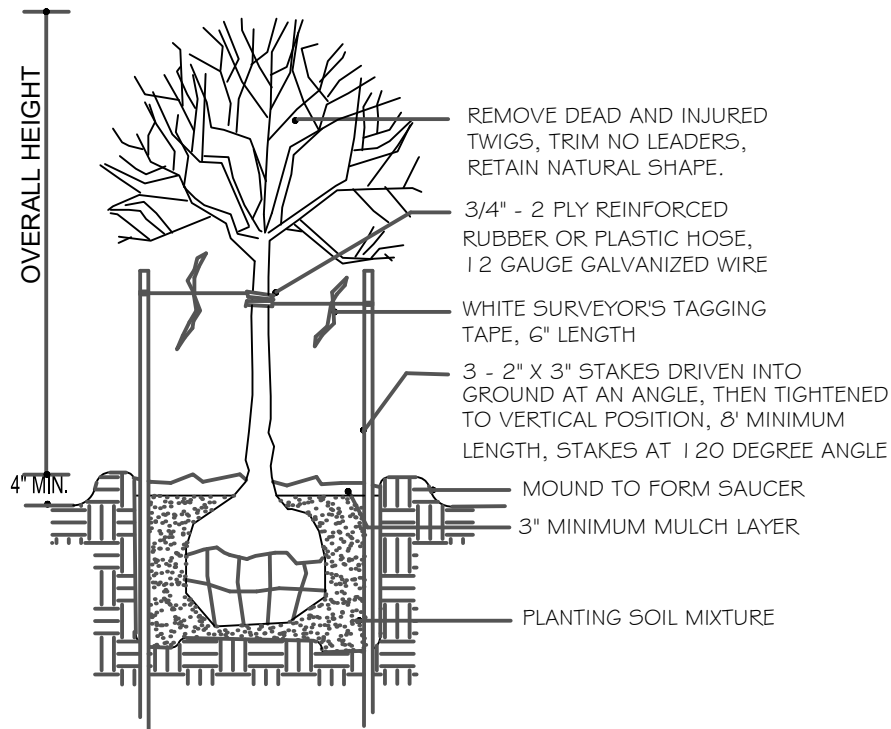
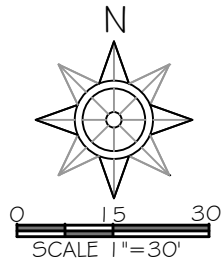
DATE

REVISION DESCRIPTION

CAROL CHADWICK, P.E.
LICENSE NO. 82560
STATE OF FLORIDA
PROFESSIONAL ENGINEER

DATE

REVISION DESCRIPTION



TREE STAKING AND PLANTING DETAIL

NOT TO SCALE

PLANT SCHEDULE

SYMBOL	PLANT TYPE	QTY	CALIPER SIZE, IN	HEIGHT	SIZE, GALLON
	HOLLY TREE MAGNOLIA TREE LIGUSTRUM TREE	4		8' - 10'	45
	VIBURNUM SHRUB AZALEAS SHRUB PODOCARPUS SHRUB LAURA PENDULUM SHRUB	8		18" - 20"	3

GRASSED LANDSCAPE AREA 4073 S.F.

LANDSCAPE NOTES

- ALL PLANT MATERIAL TO BE FLORIDA No. 1 QUALITY
- A MINIMUM OF 3" OF MULCH IN ALL PLANT BEDS
- 100% IRRIGATION COVERAGE REQUIRED
- STAKING REQUIRED FOR ALL SINGLE-TRUNK TREES
- A 3' "RING" OF MULCH TO BE MAINTAINED AROUND ALL TREES NOT INCORPORATED IN PLANT BEDS.
- LANDSCAPING REQUIRED AROUND ALL BACKFLOW DEVICES
- UNOBSTRUCTED VISIBILITY REQUIRED WITHIN SITE VISIBILITY TRIANGLE (INDICATE WITH DIAGRAM, FIGURE 33.01)
- PROTECTION REQUIRED FOR EXISTING TREES TO BE SAVED DURING CONSTRUCTION. DIAGRAM OF TREE PROTECTION PLAN REQUIRED
- ALL PLANT BEDS TO BE FREE OF LIME ROCK, CONSTRUCTION DEBRIS, AND ANY IMPERVIOUS MATERIAL. EXCAVATION AND BACKFILLING MAY BE REQUIRED
- THE OWNER/DEVELOPER IS RESPONSIBLE FOR THE ESTABLISHMENT AND MAINTENANCE OF ALL PLANT MATERIAL. LANDSCAPE AREAS MUST BE MAINTAINED TO PRESENT A HEALTHY, NEAT AND ORDERLY APPEARANCE AT ALL TIMES AND SHALL BE KEPT FREE OF TRASH AND DEBRIS



Carol Chadwick, PE
cn=Carol Chadwick,
PE, o=This item has
been electronically
signed and sealed by
Carol Chadwick, PE
using a digital
signature., ou,
email=ccpewyo@gmai
l.com, c=US
2021.01.21 15:31:36
-05'00'

TOUCHSTONE APARTMENTS
LANDSCAPING PLAN

PROJECT NO. FL20202
DATE JAN. 21, 2021
REVISION DATE
SHEET 6 of 6

PREPARED FOR:
BLAKE CONSTRUCTION CO.
OF NORTH FLORIDA
618 SW FLORIDA GATEWAY DR
LAKE CITY, FL 32024
CONTACT: BLAKE LUNDE, II
386.754.5810
blake@blakeconstruction.com

CAROL CHADWICK, P.E.
LICENSE No. 82560
STATE OF FLORIDA
PROFESSIONAL ENGINEER

REVISION DESCRIPTION
DATE