CONSTRUCTION PLANS FOR
THE QUARRY CDD
2022 SHORELINE PHASE II
COLLIER COUNTY / FLORIDA
SECTION 23 - TOWNSHIP 48 SOUTH - RANGE 26 EAST

CONSTRUCTION SET FEBRUARY 23, 2022

ABBREVIATION/ SIGN LEGEND

A/C	- AIR CONDITIONER
APPROX	- APPROXIMATE
ASPH	- ASPHALT
AVG	- AVERAGE
BFP	- BACK FLOW PREVENTER
BLK	- BLOCK
BLDG	- BUILDING
BOC	- BACK OF CURB
BOW	- BACK OF WALL
C & G	- CURB & GUTTER
CE	- CONSTRUCTION ENTRANCE
C/L	- CENTERLINE
CMP	- CORRUGATED METAL PIPE
CO	- CLEAN OUT
CONC	- CONCRETE
DEPT	- DEPARTMENT
DS	- DOWN SPOUT
ELEC	- ELECTRIC
EM	- ELECTRICAL METER
ELEV	- ELEVATION
EOP	- EDGE OF PAVEMENT
FDC	- FIRE DEPARTMENT CONNECTION
FDOT	- FLORIDA DEPARTMENT OF TRANSPORTATION
FF	- FINISH FLOOR
FG	- FINISH GRADE
FH	- FIRE HYDRANT
FM	- FORCE MAIN
FOC	- FACE OF CURB
FP&L	- FLORIDA POWER AND LIGHT
GOV'T	- GOVERNMENT
HB	- HOSE BIB
HC	- ADA ACCESSIBLE
HDPE	- HIGH DENSITY POLYETHYLENE PIPE
INV	- INVERT
IRR	- IRRIGATION
ME	- MATCH EXISTING ELEVATION
MES	- MITERED END SECTION
MH	- MANHOLE
PVC	- POLYVINYL CHLORIDE PIPE
PVMT	- PAVEMENT
R	- RADIUS
RCP	- REINFORCED CONCRETE PIPE
REV	- REVISION
R/W	- RIGHT-OF-WAY
SF	- SQUARE FEET
S/W	- SIDEWALK
TOB	- TOP OF BANK
TOE	- TOE OF SLOPE
TW	- TOP OF WALL
TYP	- TYPICAL
UNK	- UNKNOWN
UTL	- UNDERGROUND TELEPHONE LINES
W/	- WITH
WV	- WATER VALVE

(B)	BUS STOP (R7-7)
(DNE)	DO NOT ENTER (R5-1)
(FL)	NO PARKING - FIRE LANE (R7-94)
(HC)	HANDICAP (FTP 20-06 & FTP 22-06)
(KR)	KEEP RIGHT (R4-7A)
(KL)	KEEP LEFT (R4-8A)
(LTO)	LEFT TURN ONLY (R3-5L)
(ME)	MEDIAN (R4-7) (R4-8)
(ND)	NO DUMPING
(NL)	NO LEFT TURN (R3-2)
(NLI)	NO LITTERING
(NOR)	NO RIGHT TURN (R3-1)
(NOT)	NO TRUCKS (R5-2A)
(NP)	NO PARKING (R7-1)
(1W)	ONE WAY (R6-1L) (R6-1R)
(PE)	PEDESTRIAN CROSSING (W11-2)
(RTO)	RIGHT TURN ONLY (R3-5R)
(R1)	ROW NUMBER
(SL)	SPEED LIMIT (R2-X)
(ST)	STOP (R1-1)
(TZ)	TOW AWAY ZONE (R7-201)
(TE)	TRUCK ENTRANCE
(WL)	WEIGHT LIMIT (R12-5)
(WW)	WRONG WAY (R5-1A)
(Y)	YIELD (R1-2)
(DT)	RESERVED DRIVE-THRU PARKING

GOVERNING STANDARDS:

COLLIER COUNTY LAND DEVELOPMENT CODE. FLORIDA DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS AND SPECIFICATIONS, CURRENT YEAR, AS AMENDED BY CONTRACT DOCUMENTS.

FOR DESIGN STANDARDS CLICK ON "DESIGN STANDARDS" AT THE FOLLOWING WEBSITE:
HTTP://WWW.DOT.STATE.FL.US/RDDESIGN

CONSULTANTS

OWNER
ANY OWNER
ANY STREET
ANY CITY, ANY STATE XXXXX

ENGINEER
CPH, INC.
2216 ALTAMONT AVENUE
FORT MYERS, FLORIDA 33901
ATTN: JEFFREY M. SATFIELD, P.E.
(239) 332-5499

LANDSCAPE ARCHITECT
CPH, INC.
500 WEST FULTON STREET
SANFORD, FLORIDA 32771
ATTN: MAXWELL D. SPANN, R.L.A.
(407) 322-6841

UTILITY PROVIDERS

ELECTRIC
FLORIDA POWER & LIGHT
4105 15TH AVENUE SW
NAPLES, FLORIDA 34116

TELEPHONE
CENTURY LINK
380 RIVERSIDE CIRCLE
NAPLES, FLORIDA 34109

WATER
COLLIER COUNTY PUBLIC UTILITIES
WATER DIVISION
4370 MERCANTILE AVENUE
NAPLES, FLORIDA 34112

SEWER
COLLIER COUNTY PUBLIC UTILITIES
WASTEWATER DIVISION
4370 MERCANTILE AVENUE
NAPLES, FLORIDA 34112

APPROVAL AGENCIES

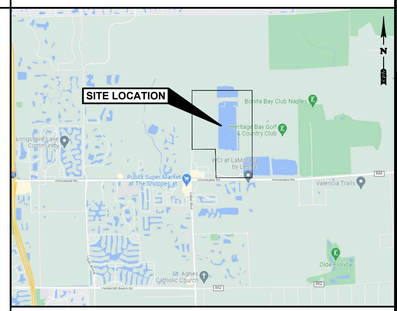
STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION
NPDES STORMWATER PERMITTING PROGRAM
2600 BLAIR STONE ROAD, M.S. 3585
TALLAHASSEE, FLORIDA 32388
ATTN: BORJA CRANE-AMORES
(850) 245-7520

WATER MANAGEMENT DISTRICT
SOUTH FLORIDA WATER MANAGEMENT DISTRICT
2301 McGREGOR BOULEVARD
FORT MYERS, FLORIDA 33901
ATTN: BRIAN ROSS
(239) 338-2929

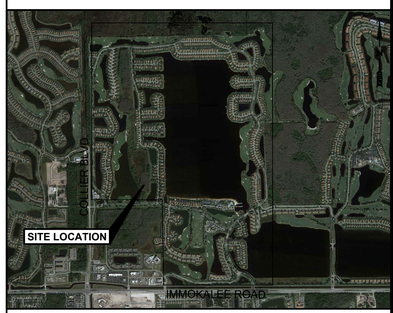
INDEX OF SHEETS

C-1	COVER SHEET
C-2	GENERAL NOTES SHEET
C-3	KEY MAP
C-4	SITE PLAN
C-5	SITE PLAN
C-6	SITE PLAN
C-7	SITE PLAN
C-8	SITE PLAN
C-9	GENERAL DETAILS

MAPS



VICINITY MAP
SCALE: 1" = 6,000'



LOCATION MAP
SCALE: 1" = 2,000'

NOTES

1. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING & COORDINATING CONSTRUCTION ENTRANCE LOCATIONS TO ALL PROJECT AREAS WITH THE DISTRICT MANAGER AND/OR ENGINEER OF RECORD.
2. CONTRACTOR IS RESPONSIBLE TO RESTORE ANY AND ALL DISTURBED AREAS INCLUDING, BUT NOT LIMITED TO, LANDSCAPING, HARDSCAPING, MAILBOXES, SOD OR OTHER IMPROVEMENTS ETC. THESE AREAS SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
3. CONTRACTOR SHALL REPLACE ANY SIGNS THAT MAY BE IN CONFLICT WITH THE PROPOSED WORK, AND THIS COST SHALL BE INCLUDED IN THE CONTRACT BID.
4. AS PART OF THE CONTRACT BID, CONTRACTOR SHALL INCLUDE MODIFICATION OF ANY UTILITY APPURTENANCES THAT MAY BE AFFECTED BY THE PROPOSED CONSTRUCTION.
5. ALL MATERIALS, WORK AND TESTING SHALL MEET FDOT STANDARD SPECIFICATIONS.

THE SIZE OF THESE PLANS MAY HAVE BEEN SLIGHTLY ALTERED BY REPRODUCTION PROCESSES. THIS MUST BE CONSIDERED WHEN SCALING ANY REPRODUCED PLANS FOR THE PURPOSE OF COLLECTING DATA.

VERTICAL DATUM: XX

Always call 811 two full business days before you dig
Sunshine811.com
www.sunshine811.com

cph
www.cphcorp.com
A Full Service A & E Firm
2216 Altamont Avenue
Ft. Myers, FL 33901
Ph: 239.332.5499
Plans Prepared By:
CPH, Inc.
State of Florida Licenses:
Engineer No. 3215
Surveyor No. LB7143
Architect. No. AA26000926
Landscape No. LC000298

CELEBRATING 40 +YEARS

No.	Date	Revision

Designed: A. LOPEZ
Drawn: J. ALLEN
Checked: J. SATFIELD
Job No.: Q0504
Date: 10/26/21

© 2021

COV ER SHEET

THE QUARRY CDD
2022 SHORELINE PHASE II
Collier County / Florida

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.
C-1

REV #1 - 1/18/22

GENERAL PROVISIONS

1. THE CONTRACTOR SHALL OBTAIN FROM THE OWNER COPIES OF ALL AVAILABLE REGULATORY AGENCY PERMITS AND LOCAL AGENCY PERMITS.

2. CONTRACTOR, AS PART OF THE BASE BID, SHALL FIELD LOCATE ALL UNDERGROUND UTILITIES WITHIN THE PROJECT AREA WITHIN THE 30 DAYS OF PROJECT AWARD. CONTRACTOR SHALL REVIEW THE PLANS AND SHALL NOTE ANY DISCREPENCIES TO THE ENGINEER IMMEDIATELY.

3. CONTRACTORS, AS PART OF THE BASE BID, SHALL PROVIDE ALL COORDINATION WITH UTILITY PROVIDERS TO PROVIDE FOR THE MATERIALS AND WORK NEEDED TO PROVIDE SERVICES TO THE PROJECT.

4. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE FOR ALL DEMOLITION OF ABOVE GROUND AND UNDERGROUND IMPROVEMENTS IN ORDER TO CONSTRUCT THE PROPOSED IMPROVEMENTS NOTED ON THE PLANS. UNLESS APPROVED IN WRITING FROM THE OWNER, ALL MATERIALS SHALL BE REMOVED FROM THE SITE AS PART OF THE BASE BID.

5. ALL DETAILS AND REFERENCES TO FDOT REFER TO THE LATEST EDITION OF THE FDOT DESIGN STANDARDS.

6. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ACTUAL LOCATION OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, DOMESTIC AND FIRE PROTECTION WATER SERVICE, ELECTRICAL, TELEPHONE AND GAS SERVICE. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES, IN SUCH A MANNER AS TO AVOID CONFLICT AND ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH UTILITY REQUIREMENTS AS TO LOCATION AND SCHEDULING FOR TIE-INS/ CONNECTIONS PRIOR TO CONNECTING TO EXISTING UTILITIES.

7. CONTRACTOR AND HIS SURVEYOR SHALL NOTE THE PROJECT BENCHMARK INFORMATION PROVIDED IN THE PLANS AND VERIFY PRIOR TO CONSTRUCTION.

8. ALL CONSTRUCTION PROJECTS 1 OR MORE ACRES IN SIZE THAT DISCHARGE TO OFFSITE AREAS ARE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR STORMWATER DISCHARGE FROM SMALL AND LARGE CONSTRUCTION ACTIVITIES. IN ORDER TO MEET NPDES REQUIREMENTS, THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING, INSPECTING, MAINTAINING, AND REPORTING ON ALL ELEMENTS OF THE SWPPP, COMPLETING AND SUBMITTING THE REQUIRED NOTICE OF INTENT (NOI) AND NOTICE OF TERMINATION (NOT) FORMS AS THE OPERATOR, AND PAYING ALL ASSOCIATED FEES. FOR PROJECTS LESS THAN 1 ACRE IN SIZE THAT ARE NOT REQUIRED TO COMPLY WITH THE NPDES GENERAL PERMIT, THE CONTRACTOR IS STILL RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO AND DURING CONSTRUCTION IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.

9. UNLESS OTHERWISE NOTED ON THE PLANS, THE CONTRACTOR SHALL USE THE GEOMETRY PROVIDED ON THE CONSTRUCTION PLANS. BENCHMARK INFORMATION SHALL BE PROVIDED TO THE CONTRACTOR BY THE OWNER OR OWNER'S SURVEYOR. ANY DISCREPANCIES BETWEEN FIELD MEASUREMENTS AND CONSTRUCTION PLAN INFORMATION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.

10. BASE SURVEY INFORMATION INCLUDING BUT NOT LIMITED TO ELEVATIONS, EASEMENTS, RIGHTS OF WAY, AND OTHER TOPOGRAPHIC INFORMATION HAS BEEN PREPARED BY OTHER PROFESSIONALS. CPH, INC. ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.

11. THIS SET OF PLANS MAY CONTAIN DRAWINGS PREPARED BY OTHER PROFESSIONALS, WHICH CONTAIN THE NAME, ADDRESS, AND LOGO OF THE PROFESSIONAL. CPH, INC. IS NOT RESPONSIBLE FOR DRAWINGS PREPARED BY OTHER PROFESSIONALS.

12. THE CONTRACTOR SHALL SUBMIT ONE ELECTRONIC COPY OF SHOP DRAWINGS TO THE ENGINEER TO KEEP FOR HIS RECORDS. THE ENGINEER WILL NOT PROVIDE FOR APPROVAL OF SHOP DRAWINGS, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL MATERIALS FOR ACCURACY PRIOR TO ORDERING THE MATERIALS. ANY DESCREPENCIES IDENTFIED BY THE CONTRACTOR SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.

13. PROTECT BENCHMARKS, PROPERTY CORNERS, AND OTHER SURVEY MONUMENTS FROM DAMAGE OR DISPLACEMENT. IF MARKER NEEDS TO BE REMOVED IT SHALL BE REFERENCED BY LICENSED LAND SURVEYOR AND REPLACED, AS NECESSARY, BY SAME.

14. THE CONTRACTOR IS RESPONSIBLE FOR ALL QUALITY CONTROL TESTING. AS A MINIMUM, TESTING SHALL INCLUDE A) PIPING AND STRUCTURAL EXCAVATION, BEDDING AND BACKFILL MATERIALS AND DENSITY TESTS; B) DETERMINATION OF COMPACTIVE EFFORT NEEDED FOR COMPLIANCE WITH THE DENSITY REQUIREMENTS; C) PORTLAND CEMENT CONCRETE AND ASPHALT PAVING QUALITY CONTROL TESTING INCLUDING DESIGN MIX REVIEW, MATERIALS, FIELD SLUMP AND AIR CONTENT, AND FIELD AND LAB CURED STRENGTH SAMPLES AND TESTING.

15. IN ADDITION TO QUALITY CONTROL TESTING, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED TESTING OR APPROVALS FOR ANY WORK (OR ANY PART THEREOF) IF LAWS OR REGULATIONS OF ANY PUBLIC BODY HAVING JURISDICTION SPECIFICALLY REQUIRE TESTING, INSPECTIONS OR APPROVAL. THE CONTRACTOR SHALL PAY ALL COSTS IN CONNECTION THEREWITH AND SHALL FURNISH THE OWNER AND ENGINEER THE REQUIRED CERTIFICATES OF INSPECTION, TESTING OR APPROVAL.

16. ANY DESIGN OR TESTING LABORATORY UTILIZED BY THE CONTRACTOR SHALL BE AN INDEPENDENT LABORATORY ACCEPTABLE TO THE OWNER AND THE ENGINEER, APPROVED IN WRITING, AND COMPLYING WITH THE LATEST EDITION OF THE "RECOMMENDED REQUIREMENTS FOR INDEPENDENT LABORATORY QUALIFICATION", PUBLISHED BY THE AMERICAN COUNCIL OF INDEPENDENT LABORATORIES.

17. TESTING RESULTS SHALL BE PROVIDED TO THE OWNER/OPERATOR AND THE ENGINEER. ALL TEST RESULTS SHALL BE PROVIDED (PASSING AND FAILING) ON A REGULAR AND IMMEDIATE BASIS.

18. THE ENTIRE PROJECT SITE SHALL BE THOROUGHLY CLEANED AT THE COMPLETION OF THE WORK. CLEAN ALL INSTALLED PIPELINES, STRUCTURES, SIDEWALKS, PAVED AREAS, ACCUMULATED SILT IN PONDS, PLUS ALL ADJACENT AREAS AFFECTED BY CONSTRUCTION, AS DIRECTED BY THE OWNER OR JURISDICTIONAL AGENCY. EQUIPMENT TO CLEAN THESE SURFACES SHALL BE SUBJECT TO APPROVAL BY THE OWNER.

19. ALL DISTRUBED AREAS WITHIN RIGHT OF WAYS SHALL BE SODDED.

20. CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING AND OTHER MEANS OF PROTECTION. THIS TO INCLUDE BUT NOT BE LIMITED, FOR ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.

21. THE CONTRACTOR SHALL RECOGNIZE AND ABIDE BY ALL OSHA EXCAVATION SAFETY STANDARDS, INCLUDING THE FLORIDA TRENCH SAFETY ACT (90-96, LAWS OF FLORIDA). ANY MATERIAL, CONSTRUCTION METHODS, OR MATERIAL COST TO COMPLY WITH THESE LAWS SHALL BE INCIDENTAL TO THE CONTRACT.

22. CONTRACTOR MUST STOP OPERATION AND NOTIFY THE OWNER FOR PROPER DIRECTION IF ANY ENVIRONMENTAL OR HEALTH RELATED CONTAMINATE IS ENCOUNTERED DURING EXCAVATION.

TRAFFIC CONTROL

1. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A MAINTENANCE OF TRAFFIC (M.O.T.) PLAN PRIOR TO CONSTRUCTION. THE M.O.T. PLAN SHALL SHOW ALL PROPOSED TRAFFIC CONTROL SIGNS, PAVEMENT MARKINGS, AND BARRICADES, AND SHALL DETAIL ALL PROPOSED CONSTRUCTION SEQUENCING. THE M.O.T. PLAN AND INSTALLED TRAFFIC CONTROL MEASURES SHALL BE APPROVED BY THE ENGINEER, OWNER, AND ROADWAY JURISDICTIONAL AGENCY PRIOR TO CONSTRUCTION. IN GENERAL, ROADWAY AND DRIVEWAY LANE CLOSURES ARE PROHIBITED DURING CONSTRUCTION UNLESS SPECIFICALLY DETAILED ON THESE PLANS. IN THE EVENT IT IS DETERMINED THAT ROADWAY AND DRIVEWAY LANE CLOSURES WILL BE ALLOWED, THE CLOSURES SHALL BE RESTRICTED TO THE HOURS BETWEEN 9:00 A.M. AND 4:00 P.M. UNLESS OTHERWISE AUTHORIZED IN THE APPROVED M.O.T.

2. ALL TRAFFIC CONTROL MEASURES SHALL BE IN ACCORDANCE WITH FDOT INDEX NO. 600 AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL TRAFFIC CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND MAINTAINED DURING CONSTRUCTION.

3. INSPECT TRAFFIC CONTROL DEVICES ON A DAILY BASIS TO ENSURE PLACEMENT OF BARRICADES AND FUNCTION OF LIGHTS IS MAINTAINED THROUGHOUT CONSTRUCTION.

4. CONTACT PROPERTY OWNERS AFFECTED BY CONSTRUCTION. COORDINATE TEMPORARY DRIVEWAY CLOSURES AND SEQUENCING. MAINTAIN ACCESS FOR ALL PROPERTY OWNERS DURING CONSTRUCTION.

5. WET UNSTABILIZED AREAS AS NECESSARY TO CONTROL DUST.

6. ADJUST TRAFFIC CONTROL DEVICES AS REQUIRED UNDER EMERGENCY CONDITIONS.

7. THE CONTRACTOR IS EXPECTED TO COORDINATE ITS ACTIVITIES WITH OTHER CONTRACTORS WHO MAY BE WORKING IN THE IMMEDIATE VICINITY.

8. WHEN WORK OCCURS WITHIN 15-FT OF ACTIVE ROAD TRAVEL LANES BUT NO CLOSER THAN 2-FT FROM THE EDGE OF PAVEMENT, SIGNAGE AND WARNING DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH FDOT INDEX NO. 600 AND 602.

9. TYPE I OR TYPE II BARRICADES AT 20-FT CENTERS SHALL BE PLACED AND MAINTAINED ALONG THE EDGE OF THE ROAD WHEREVER DROP-OFFS OR OTHER HAZARDS EXIST AND TO BLOCK ENTRANCE INTO COMPLETED OR PARTIALLY COMPLETED PAVEMENTS UNTIL SUCH PAVEMENTS ARE OPEN TO PUBLIC USE.

SITE PREPARATION

1. UNLESS OTHERWISE DIRECTED BY THE OWNER OR ENGINEER, THE CONTRACTOR IS EXPECTED TO CONTAIN ALL CONSTRUCTION ACTIVITIES WITHIN THE PROPERTY, RIGHT-OF-WAY, AND EASEMENTS AS INDICATED ON THE DRAWINGS. AT NO TIME SHALL THE CONTRACTOR DISTURB SURROUNDING PROPERTIES OR TRAVEL ON SURROUNDING PROPERTIES WITHOUT WRITTEN CONSENT FROM THE PROPERTY OWNER. ANY REPAIR OR RECONSTRUCTION OF DAMAGED AREAS IN SURROUNDING PROPERTIES SHALL BE REPAIRED BY THE CONTRACTOR ON AN IMMEDIATE BASIS. ALL COSTS FOR REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO EXTRA COMPENSATION SHALL BE PROVIDED.

2. STAKE OUT THE CONSTRUCTION, ESTABLISH LINES AND LEVELS, TEMPORARY BENCH MARKS, BATTER BOARDS, CENTERLINES, BASELINES, AND REFERENCE POINTS FOR THE WORK, AND VERIFY ALL DIMENSIONS RELATING TO INTERCONNECTION WITH EXISTING FEATURES. REPORT ANY INCONSISTENCIES IN THE PROPOSED GRADES, LINES AND LEVELS, DIMENSIONS AND LOCATIONS TO THE ENGINEER BEFORE COMMENCING WORK.

3. PROTECT ALL TREES AND SHRUBS LOCATED OUTSIDE THE RIGHT-OF-WAY, EASEMENTS, AND OWNER SECURED PROPERTY, PARTICULARLY THOSE TREES AND SHRUBS LOCATED ADJACENT TO WORK AREAS.

4. WITHIN THE RIGHT-OF-WAY, EASEMENTS, AND OWNER SECURED PROPERTY, THE INTENT IS TO ALLOW TREES AND SHRUBS TO REMAIN IN ACCORDANCE WITH THE FOLLOWING SCHEDULE: NEW ROADWAY CONSTRUCTION - TREES AND SHRUBS TO REMAIN WHERE LOCATED MORE THAN 15 FEET FROM THE BACK OF CURB, OR OUTSIDE THE LIMITS OF EXCAVATION OR FILL AREAS, WHICHEVER IS FURTHER. UTILITY PIPELINE CONSTRUCTION - TREES AND SHRUBS TO REMAIN OUTSIDE A 15 FOOT WIDE PATH, CENTERED ON THE PIPELINE.

5. TREES TO REMAIN IN THE CONSTRUCTION AREA SHALL BE BOXED, FENCED OR OTHERWISE PROTECTED IN ACCORDANCE WITH DETAILS ON THE DRAWINGS. DO NOT PERMIT HEAVY EQUIPMENT OR STOCKPILES WITHIN BRANCH SPREAD

6. AREAS TO RECEIVE CLEARING AND GRUBBING SHALL INCLUDE ALL AREAS TO BE OCCUPIED BY THE PROPOSED IMPROVEMENTS, AREAS FOR FILL AND SITE GRADING, AND BORROW SITES. REMOVE TREES OUTSIDE OF THESE AREAS ONLY AS INDICATED ON THE DRAWINGS OR AS APPROVED IN WRITING BY THE ENGINEER.

7. CLEARING SHALL CONSIST OF REMOVING TREES AND BRUSH AND DISPOSAL OF OTHER MATERIALS THAT ENCROACH UPON OR OTHERWISE OBSTRUCT THE WORK.

8. EXERCISE EXTREME CARE DURING THE CLEARING AND GRUBBING OPERATIONS. DO NOT DAMAGE EXISTING STRUCTURES, PIPES OR UTILITIES.

9. GRUBBING SHALL CONSIST OF REMOVING AND DISPOSING OF STUMPS, ROOTS LARGER THAN 2" IN DIAMETER, AND MATTED ROOTS. REMOVE TO A DEPTH OF NOT LESS THAN 18" BELOW THE ORIGINAL SURFACE LEVEL OF THE GROUND.

10. ALL COMBUSTIBLE DEBRIS AND REFUSE FROM SITE PREPARATION OPERATIONS SHALL BE REMOVED TO LEGAL OFFSITE DISPOSAL AREAS.

GRADING

1. SMOOTH TRANSITIONS SHALL BE PROVIDED BETWEEN CONTOURS OR SPOT ELEVATIONS AS SHOWN ON THE PLANS TO ACCOMPLISH THE GRADING INTENT. ALL SLOPES SHALL BE STABILIZED IMMEDIATELY AFTER FINAL GRADING HAS BEEN COMPLETED. CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER PRIOR TO DEMOBILIZATION OF GRADING EQUIPMENT TO DETERMINE THAT THE GRADING INTENT HAS BEEN ACHIEVED.

2. UNIFORMLY SMOOTH GRADE THE SITE. DEPRESSIONS FROM SETTLEMENT SHALL BE FILLED AND COMPACTED. TOPS OF EMBANKMENTS AND BREAKS IN GRADE SHALL BE ROUNDED. FINISHED SURFACES SHALL BE REASONABLY SMOOTH, COMPACTED, FREE FROM IRREGULAR SURFACE CHANGES AND COMPARABLE TO THE SMOOTHNESS OBTAINED BY BLADE-GRADER OPERATIONS.

3. NEWLY GRADED AREAS SHALL BE PROTECTED FROM TRAFFIC AND EROSION. ALL SETTLEMENT OR WASHING AWAY THAT MAY OCCUR FROM ANY CAUSE PRIOR TO SEEDING OR ACCEPTANCE SHALL BE REPAIRED AND GRADES RE-ESTABLISHED TO THE REQUIRED ELEVATIONS AND SLOPES AT NO ADDITIONAL COST TO THE OWNER.

EXCAVATION, TRENCHING, AND FILL

1. THE CONTRACTOR SHALL RECOGNIZE AND ABIDE BY ALL OSHA EXCAVATION SAFETY STANDARDS, INCLUDING THE FLORIDA TRENCH SAFETY ACT (FS 553.60-553.64). ANY MATERIAL, CONSTRUCTION METHODS, OR MATERIAL COST TO COMPLY WITH THESE LAWS SHALL BE INCIDENTAL TO THE CONTRACT.

2. ROUGH EXCAVATE AND GRADE ANY PROPOSED STORMWATER PONDS AT THE START OF SITE GRADING ACTIVITIES. DIRECT SITE RUNOFF TO THE PONDS TO MINIMIZE RUNOFF TO OFFSITE AREAS.

3. POND CONSTRUCTION SHALL RESULT IN THE FINISHED POND HAVING SIDE SLOPES AND DIMENSIONS THAT ARE IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO ENSURE THAT THESE REQUIREMENTS HAVE BEEN MET. IF THE CONSTRUCTED SIDE SLOPES ARE STEEPER THAN THE REQUIRED SIDE SLOPES, OR THE POND VOLUME IS NOT WITHIN THREE (3) PERCENT OF THE DESIGN VOLUME, THE CONTRACTOR SHALL BE REQUIRED TO MAKE CORRECTIONS TO THE POND AT NO ADDITIONAL COST TO THE OWNER.

4. FIELD DENSITY TESTING FREQUENCIES: A) ONE TEST FOR EACH 10,000 SQUARE FEET OR FRACTION THEREOF PER LIFT OF GENERAL BACKFILLING, MINIMUM 2 TESTS EACH LAYER; B) ONE TEST FOR EACH 100 SQUARE FEET OR FRACTION THEREOF OF BACKFILL AROUND AND UNDER STRUCTURES; C) ONE TEST FOR EACH 300 LINEAL FEET OR FRACTION THEREOF PER LIFT OF GENERAL BACKFILLING IN THE PIPELINE TRENCH; D) ONE TEST PER LIFT PER EACH CHANGE IN TYPE OF FILL; E) ONE TEST PER 1000 SQUARE FEET OF PAVEMENT SUBGRADE, MINIMUM OF 2 TESTS.

5. IT IS INTENDED THAT PREVIOUSLY EXCAVATED MATERIALS CONFORMING TO THE FOLLOWING REQUIREMENTS BE UTILIZED WHEREVER POSSIBLE.

A. ACCEPTABLE MATERIALS: AASHTO M145 CLASSIFICATION A-1, A-3, A-2-4, A-2-6; ASTM D2487 CLASSIFICATION GW, GP, GM, SM, SW, SP; UNLESS OTHERWISE DISAPPROVED WITHIN THE SOIL AND SUBSURFACE INVESTIGATION REPORTS. NO MORE THAN 12% OF ACCEPTABLE MATERIALS SHALL PASS THE NUMBER 200 SIEVE.

B. UNACCEPTABLE MATERIALS: AASHTO M145 CLASSIFICATION A-2-5, A-2-7, A-4, A-5, A-6, A-7, A-8; ASTM D2487 CLASSIFICATION GC, SC, ML, MH, CL, CH, OL, OH, PT; UNLESS OTHERWISE APPROVED WITHIN THE SOIL AND SUBSURFACE INVESTIGATION REPORTS.

6. PROVIDE BARRIERS, WARNING LIGHTS AND OTHER PROTECTIVE DEVICES AT ALL EXCAVATIONS.

7. SIDEWALKS, ROADS, STREETS, AND PAVEMENTS SHALL NOT BE BLOCKED OR OBSTRUCTED BY EXCAVATED MATERIALS, EXCEPT AS AUTHORIZED BY THE ENGINEER, IN WHICH CASE ADEQUATE TEMPORARY PROVISIONS MUST BE MADE FOR SATISFACTORY TEMPORARY PASSAGE OF PEDESTRIANS, AND VEHICLES. MINIMIZE INCONVENIENCE TO PUBLIC TRAVEL OR TO TENANTS OCCUPYING ADJOINING PROPERTY.

8. FURNISH, INSTALL, AND MAINTAIN, WITHOUT ADDITIONAL COMPENSATION, SHEETING, BRACING, AND SHORING SUPPORT REQUIRED TO KEEP EXCAVATIONS WITHIN THE PROPERTY OR EASEMENTS PROVIDED, TO SUPPORT THE SIDES OF THE EXCAVATION, AND TO PREVENT ANY MOVEMENT WHICH MAY DAMAGE ADJACENT PAVEMENTS OR STRUCTURES, DAMAGE OR DELAY THE WORK, OR ENDANGER LIFE AND HEALTH. VOIDS OUTSIDE THE SUPPORTS SHALL BE IMMEDIATELY FILLED AND COMPACTED.

9. SHEETING, SHORING, AND BRACING USED FOR THE SUPPORT OF EXCAVATIONS SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED BY THE STATE OF FLORIDA.

10. ALL EXCAVATIONS SHALL BE MADE BY OPEN CUT UNLESS OTHERWISE INDICATED. SLOPE SIDES OF TRENCHES IN ACCORDANCE WITH OSHA REQUIREMENTS AND THE RECOMMENDATIONS CONTAINED WITHIN THE PROJECT GEOTECHNICAL REPORT.

11. EXCAVATE TRENCHES TO DEPTH INDICATED OR REQUIRED FOR INDICATED FLOW LINES AND INVERT ELEVATIONS. OVER EXCAVATE TRENCHES A MINIMUM OF 2 FEET WHERE EXCAVATIONS OCCUR WITHIN UNSUITABLE SOILS, AND REPLACE OVER EXCAVATED MATERIAL WITH SUITABLE SOILS.

12. TRENCH BOTTOMS AND THE BOTTOMS OF ALL STRUCTURES SHALL BE KEPT DRY, COMPACTED, AND STABLE TO A DEPTH TWO FEET BELOW THE BOTTOM OF THE TRENCH OR STRUCTURE.

13. ALL BEDDING, FILL, AND BACKFILL MATERIAL SHALL BE SUITABLE SOILS OR FLOWABLE FILL. WHERE TRENCH OR EXCAVATION IS WITHIN THE INFLUENCE AREA OF ROADWAYS, STRUCTURES, FOUNDATIONS, OR SLABS, PLACE BACKFILL IN LAYERS OF 8 INCH LOOSE DEPTH. IN ALL OTHER AREAS, PLACE FILL AND BACKFILL IN LAYERS OF 12 INCH LOOSE DEPTH.

14. MINIMUM DENSITY REQUIREMENT (ASTM D1557 OR AASHTO T180): BACKFILL AND FILL PLACED WITHIN POND AND ROAD EMBANKMENT = 95 PERCENT; BACKFILL AND FILL PLACED IN ALL OTHER AREAS = 90 PERCENT.

RIPRAP

1. ALL RIPRAP CONSTRUCTION SHALL MEET THE REQUIREMENTS OF SECTION 530 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.

PAVING, SIDEWALKS, AND CURBING

1. MATERIALS AND CONSTRUCTION METHODS FOR THE ROADWAY AND PAVING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.

2. ROADWAY PAVING, BASE, AND SUBGRADE THICKNESSES SHALL BE IN ACCORDANCE WITH DETAILS ON THESE DRAWINGS.

3. SIDEWALKS ARE TO BE CONSTRUCTED IN THE AREAS AS SHOWN ON THE CONSTRUCTION PLANS. HANDICAPPED RAMPS SHALL BE PROVIDED AT ALL INTERSECTIONS AND SHALL BE IN ACCORDANCE WITH THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION, LATEST EDITION.

4. CURBING SHALL BE CONSTRUCTED WHERE NOTED ON THE CONSTRUCTION PLANS. ALL CURBS SHALL HAVE SAW CUT CONTRACTION JOINTS AND SHALL BE CONSTRUCTED AT INTERVALS NOT TO EXCEED 10'-0" ON CENTER. CONSTRUCTION OF CURBS SHALL BE IN CONFORMANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION) SECTION 520 AND PATTERNS PROVIDED ON THE CONSTRUCTION PLANS.

5. FIELD COMPACTION DENSITY, STABILITY, AND THICKNESS TESTING FREQUENCIES OF SUB-BASE, BASE, AND ASPHALT SHALL BE TESTED ONCE EVERY 300 LINEAR FEET OF PAVING PER 24-FT WIDE STRIP, STAGGERED LEFT, CENTER AND RIGHT OF CENTERLINE. WHERE LESS THAN 300 LINEAR FEET OF SUB-BASE, BASE, AND ASPHALT IS PLACED IN ONE DAY, PROVIDE MIN. OF ONE TEST FOR EACH PER DAY'S CONSTRUCTION AT A LOCATION DESIGNATED BY THE ENGINEER. ASPHALT EXTRACTION GRADATION SHALL BE TESTED FROM GRAB SAMPLES COLLECTED ONCE EVERY 1800 SQUARE YARDS OF ASPHALT DELIVERED TO THE SITE (OR A MINIMUM OF ONCE PER DAY).

STORM SEWER SYSTEMS

1. REINFORCED CONCRETE PIPE (RCP) JOINTS SHALL COMPLY WITH ASTM C443 AND FDOT SPECIFICATION SECTION 430, AND RUBBER GASKETS SHALL COMPLY WITH FDOT SPECIFICATION SECTION 942. MINIMUM COVER OVER THE PIPE, INCLUDING COVER OVER THE BELL OF THE PIPE WHERE APPLICABLE, SHALL BE 30 INCHES.

2. RCP PIPE SHALL NOT BE SHIPPED FROM MANUFACTURER UNTIL THE COMPRESSIVE STRENGTH OF THE PIPE HAS REACHED 4000 PSI AND A MINIMUM OF 5 DAYS HAVE PASSED SINCE THE MANUFACTURING OR REPAIR OF THE PIPE HAS BEEN COMPLETED.

3. UNDERDRAIN PIPE SHALL BE PERFORATED POLYVINYL CHLORIDE PIPE IN ACCORDANCE WITH ASTM F758. FILTER FABRIC UNDERDRAIN SOCK SHALL BE TYPE D-3 IN ACCORDANCE WITH FDOT INDEX NO. 199.

4. ALL PIPE JOINTS SHALL BE WRAPPED WITH FILTER FABRIC. FILTER FABRIC SHALL BE IN ACCORDANCE WITH FDOT INDEX NO. 199, TYPE D-3, A.O.S. 70-100. INSTALL IN ACCORDANCE WITH FDOT INDEX NO. 280. PROVIDE MINIMUM 12" OVERLAP.

5. INSTALL POLYETHYLENE PIPE IN ACCORDANCE WITH ASTM D2321. BACKFILL AND COMPACT EVENLY ON EACH SIDE TO PREVENT DISPLACEMENT. MINIMUM COVER OVER POLYETHYLENE PIPE SHALL BE AS FOLLOWS: A) PIPE UNDER FLEXIBLE PAVEMENT, RIGID PAVEMENT, OR UNPAVED AREAS WHERE BEDDING IS SUITABLE SOILS AS DEFINED IN THE GENERAL NOTES: MINIMUM COVER SHALL BE 36 INCHES OR ONE PIPE DIAMETER, WHICHEVER IS GREATER; B) PIPE UNDER FLEXIBLE PAVEMENT, RIGID PAVEMENT, OR UNPAVED AREAS WHERE BEDDING IS MANUFACTURED AGGREGATES CLASS 1A OR 1B AS DEFINED IN ASTM D2321: MINIMUM COVER SHALL BE 30 INCHES OR ONE PIPE DIAMETER, WHICHEVER IS GREATER.

6. INSTALL UNDERDRAINS IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 440. INSTALL CLEANOUTS AS SHOWN ON THE DRAWINGS.

7. PRIOR TO INSPECTIONS AND TESTING, CLEAN ALL INSTALLED LINES AND STRUCTURES.

PAY ITEMS DESCRIPTION

FILL MATERIAL	SHALL BE SUITABLE CLEAN SOILS OR FLOWABLE FILL. MINIMUM OF 95% DENSITY REQUIRED OF 95%.
GEOTEXTILE	MIRAFI N-SERIES NON-WOVEN OR APPROVED EQUAL.
RIPRAP 6"-8"	SHALL MEET THE REQUIREMENTS OF SECTION 530 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
SOD COMMON	SEA DWARF PASPALUM GRASS (GOLF AREAS), ST. AUGUSTINE GRASS (RESIDENTIAL AND AREAS).
BIO-DEGRADABLE EROSION BLANKET	EXCELSIOR, 8 FT x 112.5 FT, 65.6 LB OR APPROVED EQUAL.
LITTORAL PLANTING 1 GAL	SAND CORDGRASS, SALTMEADOW CORDGRASS, MUHLY GRASS.
LITTORAL PLANTING 2" LINERS	SPIKE RUSH, CANNA LILY, PICKEREL WEED, ARROWHEAD, SOFT RUSH.
IRRIGATION LINES	MATCH EXISTING MATERIAL.
IRRIGATION HEADS	MATCH EXISTING MATERIAL OR APPROVED EQUAL.
YARD DRAINS	14" NYLOPLAST OR APPROVED EQUAL.
DRAINAGE PIPE 4" - 10"	ADS DOUBLE WALL PIPE.
CONCRETE (SIDEWALK, PATH, CURB)	SHALL MEET THE REQUIREMENTS OF SECTIONS 347, 520 AND 522 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
AS-BUILT	SHALL CONSIST OF SECTIONS EVERY 100' AND AT LEAST ONE SECTION IN SHORELINE AREAS LESS THAN 100' IN LENGTH.THE CROSS SECTION SHALL PROVIDE GROUND ELEVATION INFO AT CONTROL ELEVATION, LITTORAL PLANTING LIMITS (BEGINNING AND END), TOP AND BOTTOM OF RIPRAP AND EDGE OF WATER.
GOLF CLUB ROCK RETAINING WALL	CUT LIMESTONE CAP ROCK BOULDERS

cph
www.cphcorp.com
A Full Service A & E Firm
2216 Altamont Avenue
Ft. Myers, FL 33901
Ph: 239.332.5499
Plans Prepared By:
CPH, Inc.
State of Florida Licenses:
Engineer No. 3215
Surveyor No. LB7143
Architect. No. AA26000926
Landscape No. LC000298

No.	Date	Revision
1	1/18/22	PER QCDD AND GOLF CLUB COMMENTS

Designed: A. LOPEZ
Drawn: J. ALLEN
Checked: J. SATFIELD
Job No.: Q0504
Date: 10/26/21

© 2022

GENERAL NOTES

THE QUARRY CDD
2022 SHORELINE PHASE II
Collier County / Florida

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.
C-2

REV #1 - 1/18/22

ACREAGE SUMMARY	
TOTAL SITE AREA	860.00 A.C.
TOTAL DISTURBED AREA	9.06 A.C.

TB — FLOATING TURBIDITY BARRIER PER STATE OF FLORIDA EROSION AND SEDIMENT CONTROL MANUAL (LATEST EDITION)

NOTES:

1) CONTRACTOR TO CAP EXISTING IRRIGATION HEADS ENCROACHING THE SHORELINE RECEIVING REPAIR TREATMENT ALONG GOLF COURSE SHORELINE AREAS,12" FROM MAIN LINE.

2) GOLF COURSE PERSONNEL TO INSTALL NEW HEADLINES AND PROVIDE IRRIGATION WATER TO NEW LITTORAL PLANTING ALONG GOLF COURSE SHORELINE AREA AS NECESSARY.

3) CONTRACTOR SHALL BE RESPONSIBLE TO ADJUST / INSTALL IRRIGATION LINES AND HEADS ON THE RESIDENTIAL AND COMMON AREAS IN ORDER TO IRRIGATE LITTORAL PLANTINGS DURING GROWTH STAGE.

3) CONTRACTOR TO INSTALL 14" NYLOPLAST JUNCTION BOX AND PIPE WHERE NEEDED AND AS DIRECTED BY ENGINEER OF RECORD.

4) CONTRACTOR SHALL FOLLOW AND APPLY FDEP LATEST BMP'S.

300 0 300 600
Graphic Scale in Feet

GDD — N

cph
www.cphcorp.com
A Full Service A & E Firm
2216 Altamont Avenue
Ft. Myers, FL 33901
Ph: 239.332.5499
Plans Prepared By:
CPH, Inc.
State of Florida Licenses:
Engineer No. 3215
Surveyor No. LB7143
Architect. No. AA26000926
Landscape No. LC000298

No.	Date	Revision
1		
2		
3		
4		
5		
6		

Designed: A. LOPEZ
Drawn: J. ALLEN
Checked: J. SATFIELD
Job No.: Q0504
Date: 10/26/21
© 2021

KEY MAP

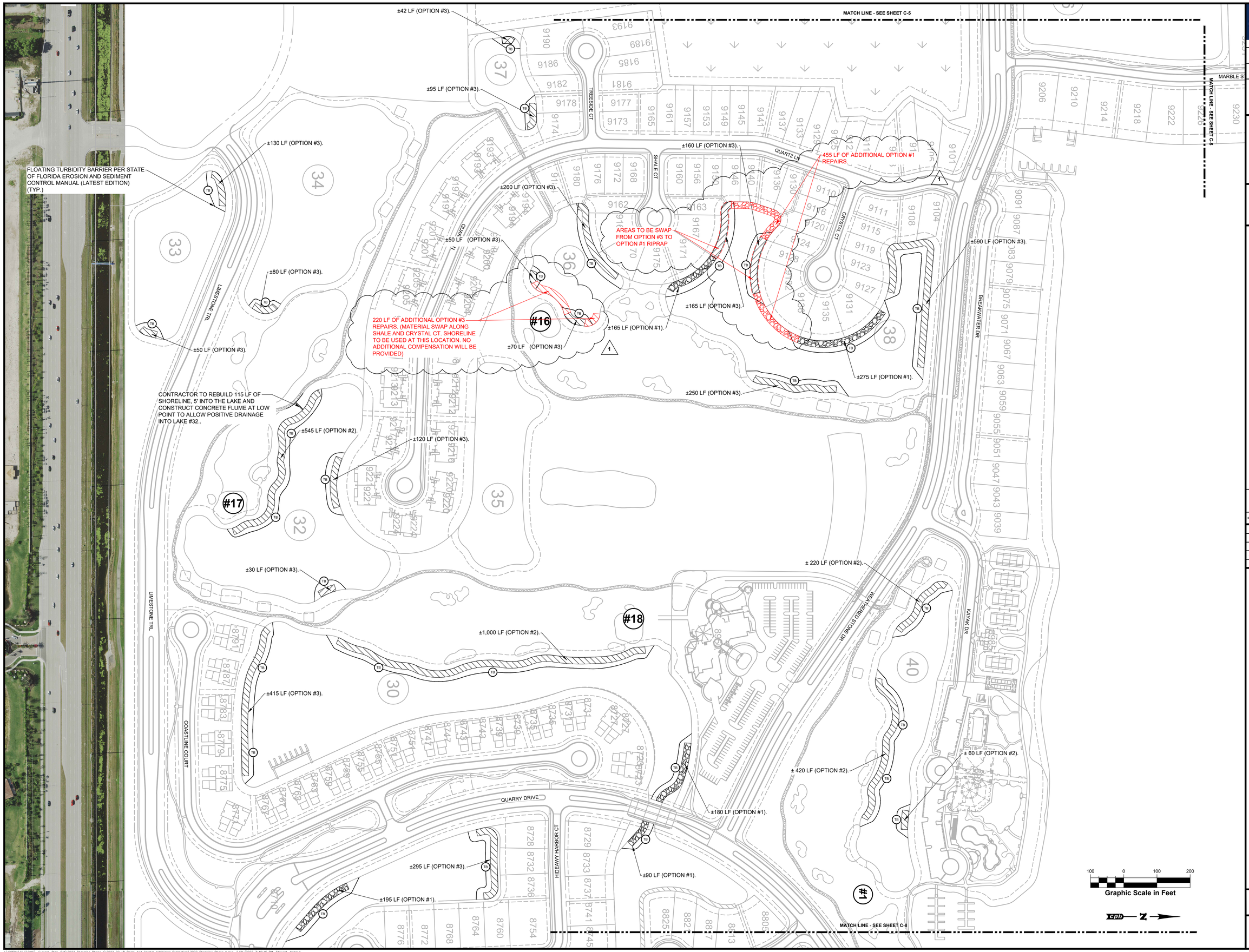
THE QUARRY CDD
2022 SHORELINE PHASE II
Collier County / Florida

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.
C-3

REV #1 - 1/18/22

J:\Q0504\Civil\DWG_Current_Plan_Set\2022 Shoreline Phase II\2022 Shoreline Phase II.dwg, 10/28/2021 2:37:08 PM, Lopez, Albert J.,



cph
www.cphcorp.com
A Full Service A & E Firm
2216 Altamont Avenue
Ft. Myers, FL 33901
Ph: 239.332.5499
Plans Prepared By:
CPH, Inc.
State of Florida Licenses:
Engineer No. 3215
Surveyor No. LB7143
Architect. No. AA26000926
Landscape No. LC000298

No.	Date	Revision
1	2/18/22	PER CPH & CDD REVIEW

Designed: A. LOPEZ
Drawn: J. ALLEN
Checked: J. SATFIELD
Job No.: Q0504
Date: 10/26/21

© 2022

SITE PLAN

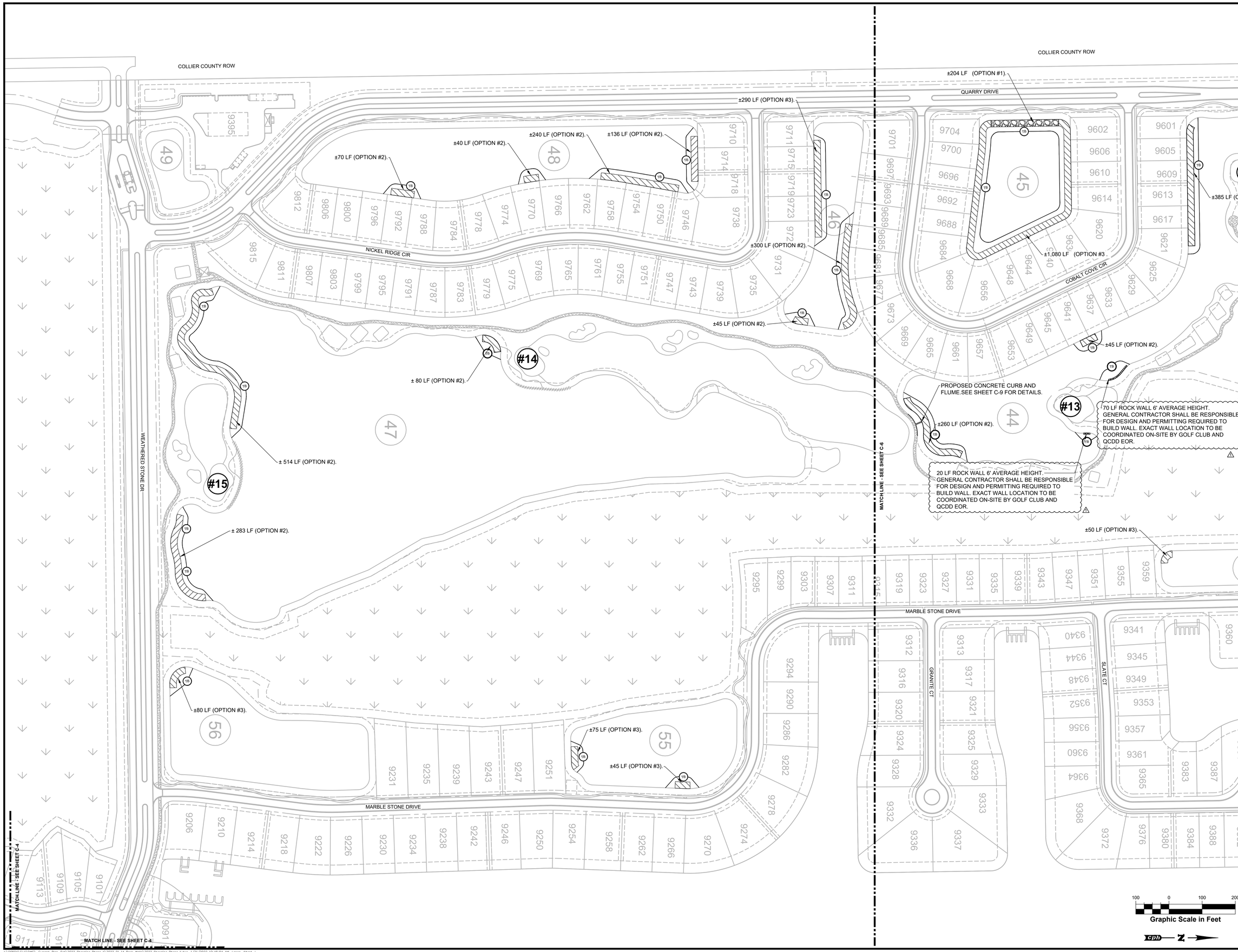
THE QUARRY CDD
2022 SHORELINE PHASE II
Collier County / Florida

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.
C-4

REV #1 - 2/18/22

J:\Q0504\Civil\DWG_Current_Plan_Set\2022 Shoreline Phase II\2022 02 18 Shale And Crystal Additional Protection\2022 Shoreline Phase II.dwg, 2/21/2022 3:40:15 PM, Stewart, Katelyn,



cph
www.cphcorp.com
A Full Service A & E Firm
2216 Altamont Avenue
Ft. Myers, FL 33901
Ph: 239.332.5499
Plans Prepared By:
CPH, Inc.
State of Florida Licenses:
Engineer No. 3215
Surveyor No. LB7143
Architect. No. AA26000026
Landscape No. LC0000298

No.	Date	Revision
1	01/18/22	PER QCDD AND GOLF CLUB COMMENTS

Designed: A. LOPEZ
Drawn: J. ALLEN
Checked: J. SATFIELD
Job No.: Q0504
Date: 10/26/21

© 2022

SITE PLAN

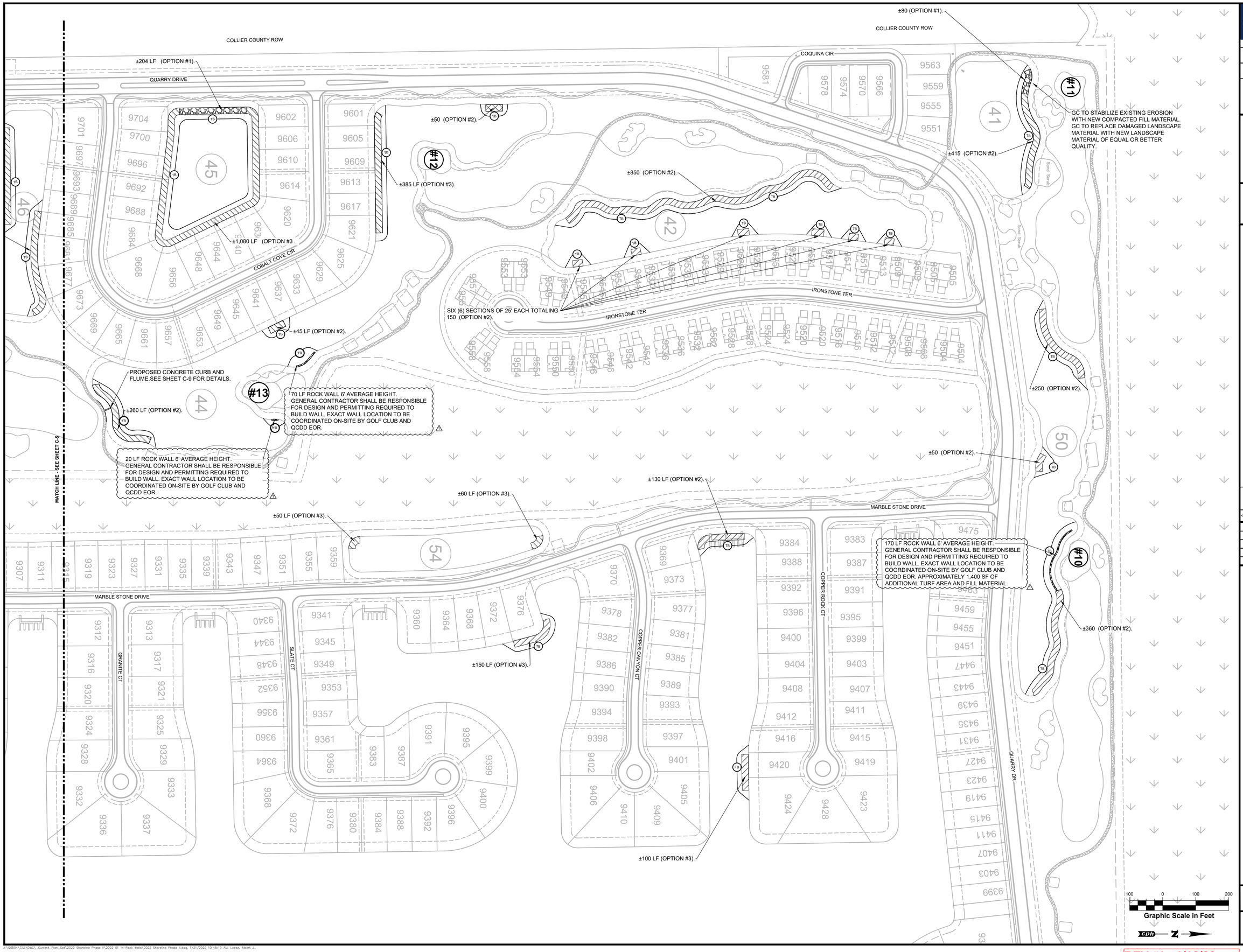
THE QUARRY CDD
2022 SHORELINE PHASE II
Collier County / Florida

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.
C-5

REV #1 - 1/18/22

J:\Q0504\Civil\DWG_Current_Plan_Set\2022 Shoreline Phase II\2022 01 14 Rock Walls\2022 Shoreline Phase II.dwg, 1/21/2022 10:45:54 AM, Lopez, Albert J.,



cph
www.cphcorp.com
A Full Service A & E Firm
2216 Altamont Avenue
Ft. Myers, FL 33901
Ph: 239.332.5499

Plans Prepared By:
CPH, Inc.
State of Florida Licenses:
Engineer No. 3215
Surveyor No. LB7143
Architect. No. AA26000926
Landscape No. LC000298

No.	Date	Revision
1	01/18/22	PER QCDD AND GOLF CLUB COMMENTS

Designed: A. LOPEZ
Drawn: J. ALLEN
Checked: J. SATFIELD
Job No.: Q0504
Date: 10/26/21 © 2022

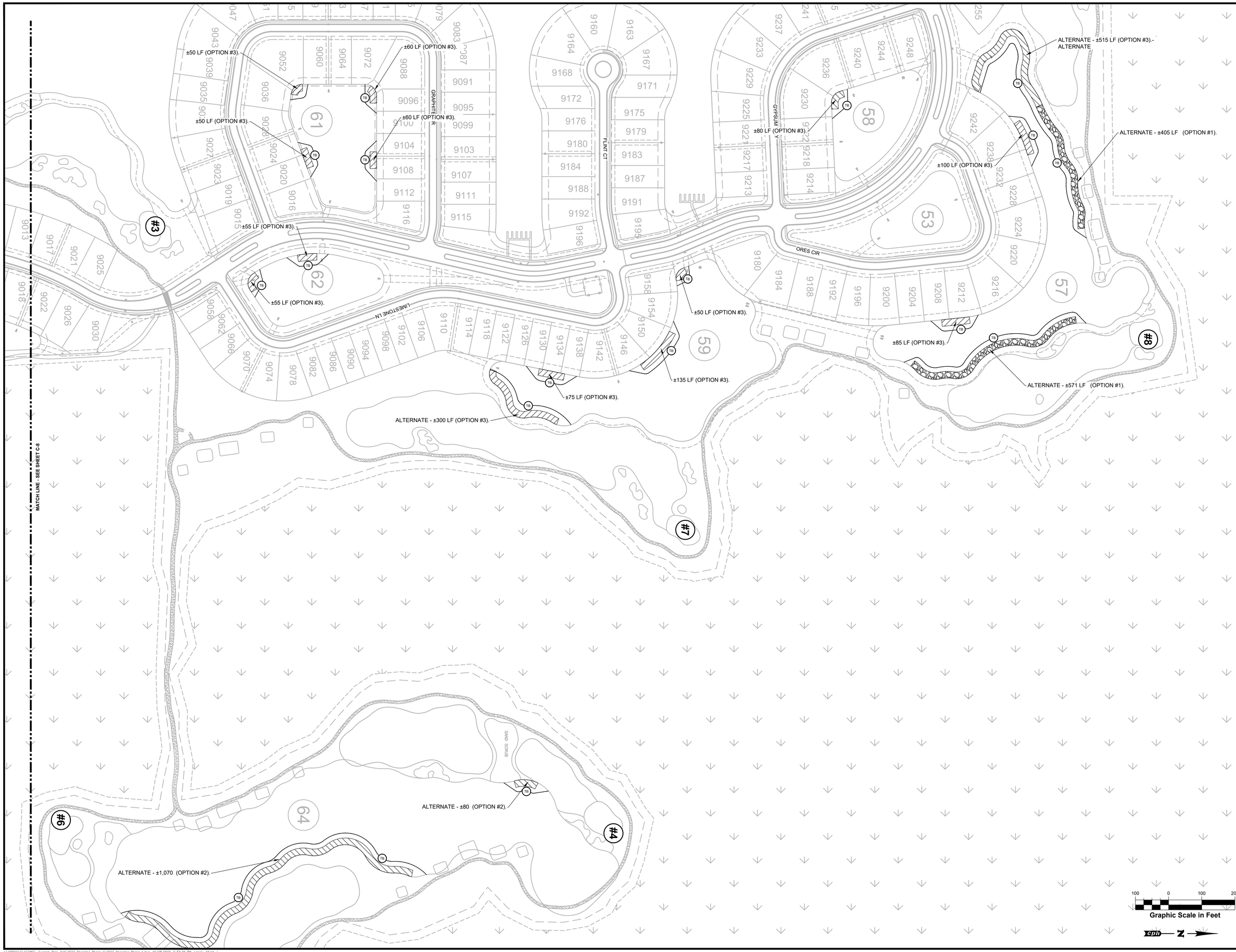
SITE PLAN

THE QUARRY CDD
2022 SHORELINE PHASE II
Collier County / Florida

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.
C-6

REV #1 - 1/18/22



cph
www.cphcorp.com
A Full Service A & E Firm
2216 Altamont Avenue
Ft. Myers, FL 33901
Ph: 239.332.5499

Plans Prepared By:
CPH, Inc.
State of Florida Licenses:
Engineer No. 3215
Surveyor No. LB7143
Architect. No. AA26000926
Landscape No. LC000298

No.	Date	Revision
△		
△		
△		
△		
△		
△		
△		

Designed: A. LOPEZ
Drawn: J. ALLEN
Checked: J. SATFIELD
Job No.: Q0504
Date: 10/26/21 © 2021

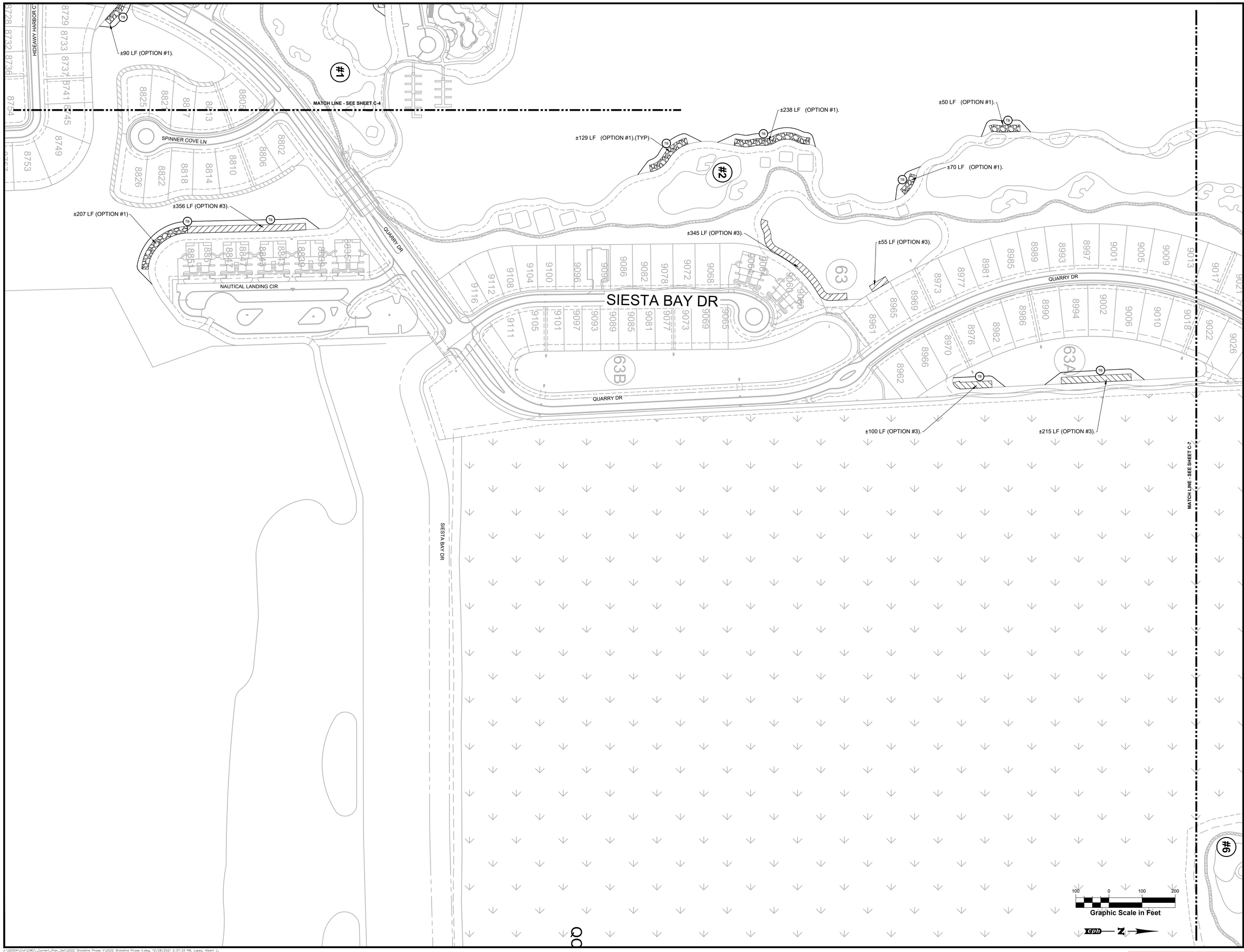
SITE PLAN

THE QUARRY CDD
2022 SHORELINE PHASE II
Collier County / Florida

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.
C-7

REV #1 - 1/18/22



cph
www.cphcorp.com
A Full Service A & E Firm
2216 Altamont Avenue
Ft. Myers, FL 33901
Ph: 239.332.5499

Plans Prepared By:
CPH, Inc.
State of Florida Licenses:
Engineer No. 3215
Surveyor No. LB7143
Architect. No. AA26000926
Landscape No. LC0000298

No.	Date	Revision
1		
2		
3		
4		
5		
6		
7		

Designed: A. LOPEZ
Drawn: J. ALLEN
Checked: J. SATFIELD
Job No.: Q0504
Date: 10/26/21 © 2021

SITE PLAN

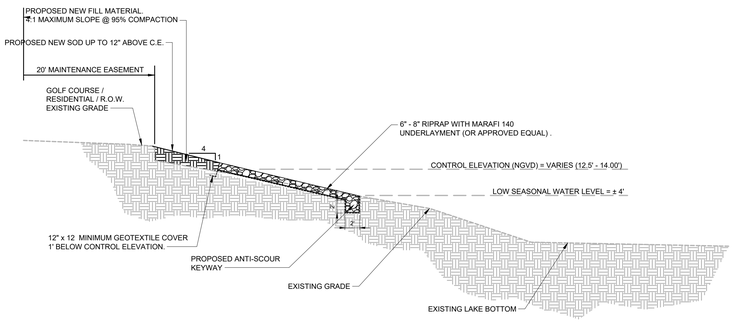
THE QUARRY CDD
2022 SHORELINE PHASE II
Collier County / Florida

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.
C-8

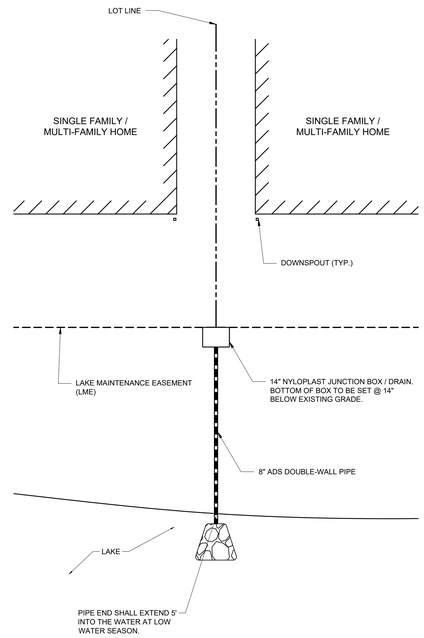
J:\Q0504\Civil\DWG_Current_Plan_Set\2022 Shoreline Phase II\2022 Shoreline Phase II.dwg, 10/28/2021 2:37:33 PM, Lopez, Albert J.,

REV #1 1/18/22



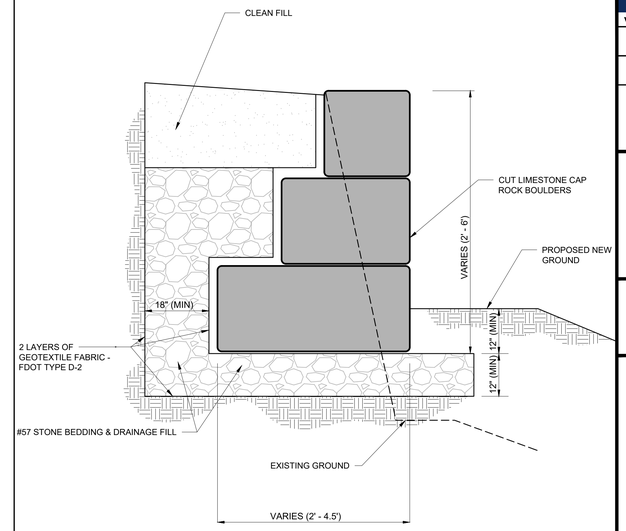
OPTION 1 - TYPICAL EROSION TREATMENT DETAIL

N.T.S.



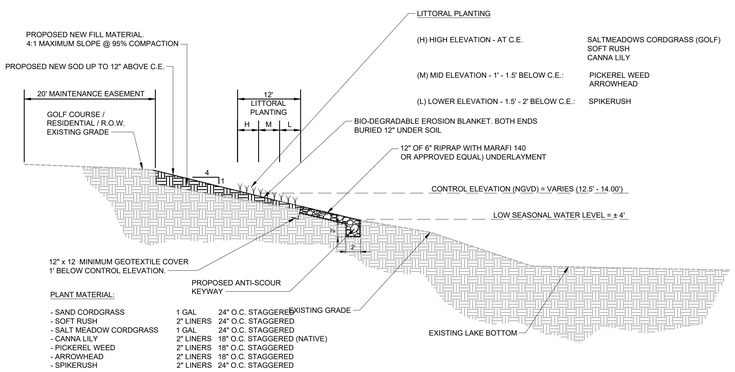
LME DRAINAGE CONNECTION DETAIL

N.T.S.



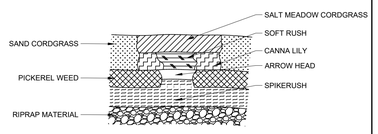
TYPICAL ROCK WALL SECTION DETAIL (NOT FOR CONSTRUCTION)

N.T.S.



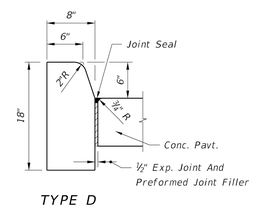
OPTION 2 - TYPICAL EROSION TREATMENT DETAIL

N.T.S.



TYPICAL LITTORAL PLANTING PATTERN - PLAN VIEW

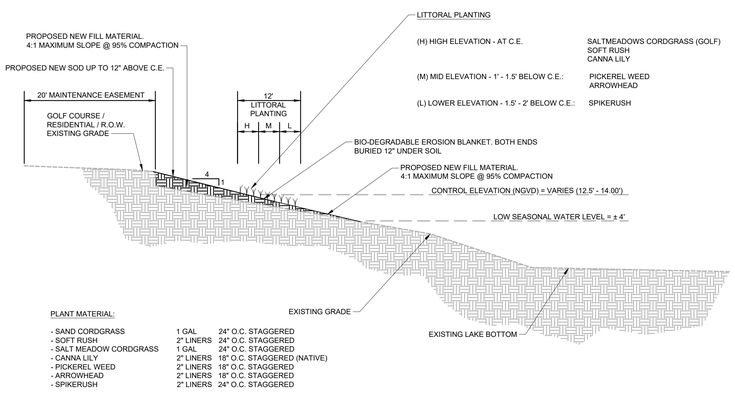
N.T.S.



Note: For use adjacent to concrete or flexible pavement, concrete shown. Expansion joint, preformed joint filler and joint seal are required between curbs and concrete pavement only, see Sheet 2.

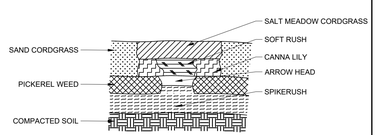
TYPE D CURB DETAIL

N.T.S.



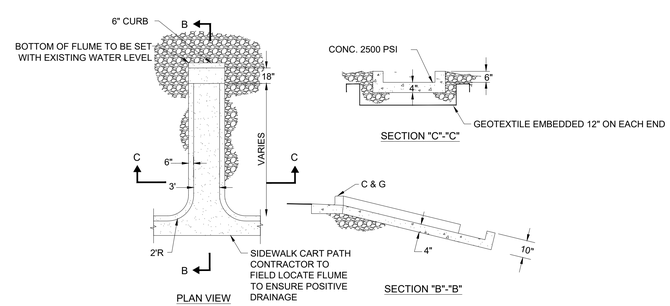
OPTION 3 - TYPICAL EROSION TREATMENT DETAIL

N.T.S.



TYPICAL LITTORAL PLANTING PATTERN - PLAN VIEW

N.T.S.



CONCRETE: 28 DAY COMPRESSION STRENGTH, 2,500 P.S.I., 4" THICK MINIMUM W/ 6X6-W1.4XW1.4 WWF.

FLUME DETAIL

N.T.S.

cph
www.cphcorp.com
A Full Service
A & E Firm
2216 Altamont Avenue
Ft. Myers, FL 33901
Ph: 239.332.5499
Plans Prepared By:
CPH, Inc.
State of Florida Licenses:
Engineer No. 3215
Surveyor No. LB7143
Architect. No. AA26000926
Landscape No. LC000298

No.	Date	Revision
1		
2		
3		
4		
5		
6		
7		

Designed: A. LOPEZ
Drawn: J. ALLEN
Checked: J. SATFIELD
Job No.: Q0504
Date: 10/26/21

© 2021

GENERAL DETAILS

THE QUARRY CDD
2022 SHORELINE PHASE II
Collier County / Florida

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS.

Sheet No.
C-9

REV #1 - 1/18/22