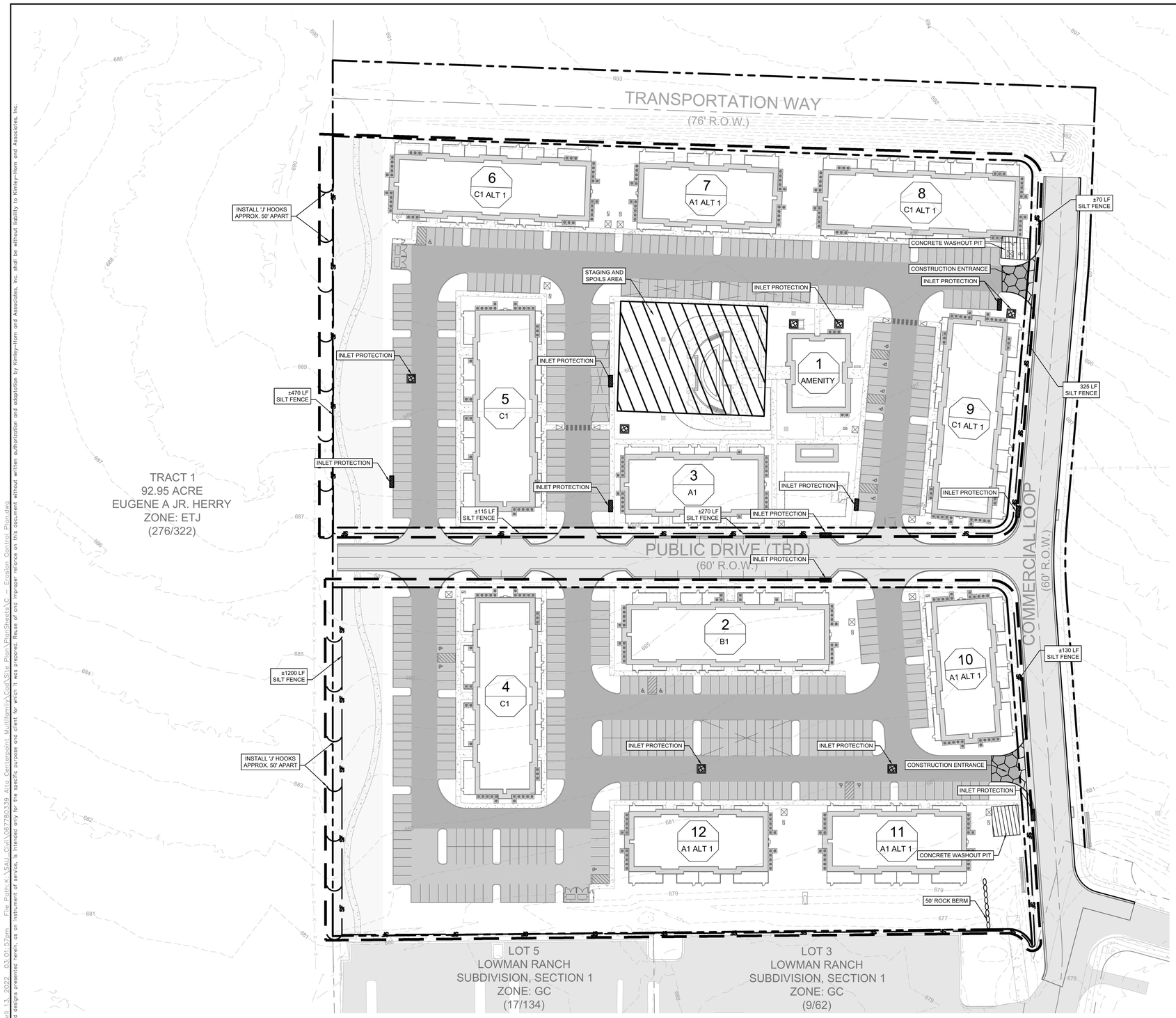

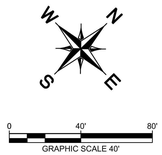

LEGEND

- PROPERTY LINE
- SILT FENCE
- PROPOSED INLET PROTECTION
- CONCRETE WASHOUT PIT
- CONSTRUCTION ENTRANCE
- ROCK BERM
- 450 EXISTING CONTOURS
- 450 PROPOSED CONTOURS
- LIMITS OF CONSTRUCTION AREA
- STAGING AND SPOILS AREA

NOTES:

1. CONTRACTOR IS SOLELY RESPONSIBLE FOR IMPLEMENTATION, MAINTENANCE, AND EFFECTIVENESS OF ALL SWPPP CONTROLS - CONTROLS SHOWN ON THIS SITE MAP ARE SUGGESTED CONTROLS ONLY.
2. CONTRACTOR SHALL RECORD INSTALLATION, MAINTENANCE OR MODIFICATION, AND REMOVAL DATES FOR EACH BMP EMPLOYED (WHETHER CALLED OUT ON ORIGINAL SWPPP OR NOT) DIRECTLY ON THE SITE MAP.
3. THE ENVIRONMENTAL INSPECTOR HAS THE AUTHORITY TO ADD AND/OR MODIFY EROSION/SEDIMENTATION CONTROLS ON SITE TO KEEP PROJECT IN COMPLIANCE WITH THE CITY OF SAN MARCOS RULES AND REGULATIONS
4. CONTRACTOR SHALL UTILIZE DUST CONTROL MEASURE DURING SITE CONSTRUCTION SUCH AS IRRIGATION TRUCKS AND MULCHING AS PER ECM 1.4.5(D) OR AS DIRECTED BY THE ENVIRONMENTAL INSPECTOR.
5. TEMPORARY AND PERMANENT STABILIZATION PRACTICES AND BMP'S SHALL BE INSTALLED AT THE EARLIEST POSSIBLE TIME DURING THE CONSTRUCTION SEQUENCE. AS AN EXAMPLE, PERIMETER SILT FENCE SHALL BE INSTALLED BEFORE COMMENCEMENT OF ANY GRADING ACTIVITIES. OTHER BMP'S SHALL BE INSTALLED AS SOON AS PRACTICABLE AND SHALL BE MAINTAINED UNTIL FINAL SITE STABILIZATION IS ATTAINED. CONTRACTOR SHALL ALSO REFERENCE CIVIL AND LANDSCAPE PLANS SINCE PERMANENT STABILIZATION IS PROVIDED BY LANDSCAPING, THE BUILDING(S), AND SITE PAVING.
6. BMP'S HAVE BEEN LOCATED AS INDICATED ON THIS PLAN IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES IN ORDER TO MINIMIZE SEDIMENT TRANSFER. FOR EXAMPLE: SILT FENCES LOCATED AT TOE OF SLOPE AND INLET PROTECTION FOR INLETS RECEIVING SEDIMENT FROM SITE RUN-OFF.
7. ADDITIONAL EROSION AND SEDIMENTATION CONTROLS MAY BE REQUIRED BY THE CITY DURING CONSTRUCTION.
8. REFERENCE EROSION CONTROL NOTES AND DETAILS ON SHEET 7.
9. IF THERE IS A BREAK OF MORE THAN 14 DAYS DURING THE PROJECT WHERE NO DIRT WORK IS DONE ON A SITE PORTION(S) WITHIN THE LOC, TEMPORARY (OR PERMANENT) STABILIZATION IS REQUIRED PER TXR150000 PART III.F.2.(B).III.(CITY CODE SECTION 86.529(A)(1)(G). SUCH DIRT WORK STOPPAGE INCLUDES TIME PERIODS BETWEEN ROUGH GRADING COMPLETION AND CONSTRUCTION START, BETWEEN CONSTRUCTION START AND FINAL GRADING, BETWEEN CONSTRUCTION AND FINAL STABILIZATION, ETC. USE TEMPORARY (OR PERMANENT) SEEDING, ROCK, GRAVEL (1" MINIMUM), CONCRETE RIP-RAP, DEGRADABLE STRAW MATTING, SHREDDED LANDSCAPE MULCH, DEGRADABLE SOIL RETENTION BLANKETS, OR SIMILAR. NOTE THAT MATTING, MULCH, OR BLANKETS REQUIRE ONGOING MAINTENANCE.
10. "ALL UNCOVERED AREAS DISTURBED DURING THE PROJECT, INCLUDING ANY OFFSITE DISTURBED AREAS, MUST BE PERMANENTLY STABILIZED WITH SOD INSTALLATION, HYDROMULCH SEEDING, AND/OR PLANTING, REMOVE ALL DEBRIS, FIX ALL RUTS, AND FINAL GRADE ALL DISTURBED AREAS; DO NOT BURY OR SOD/SEED OVER DEBRIS OR SILT FENCE, ETC. TILL SUBGRADE TO 6" DEPTH OR INSTALL AT LEAST 6" OF SCREENED TOP SOIL (NOT GRADED CLAY, BASE MATERIAL, OR SAND) PRIOR TO VEGETATING. PROVIDE TEMPORARY (OR PERMANENT IF INCLUDED IN PLANS) WATERING SUFFICIENT TO ACHIEVE PERENNIAL VEGETATIVE COVER OF AT LEAST 70% DENSITY EVENLY DISTRIBUTED WITH NO LARGE BARE AREAS PER TXR150000 PARTS I.B, III.G.1.(G) AND (H), AND III.G.2. WINTER RYE IS NOT ACCEPTED AS PERMANENT STABILIZATION AND ANNUAL RYEGRASS IS NOT ALLOWED.
11. A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MUST BE DEVELOPED/AMENDED AND STAMPED BY A TX PE, CPESC, OR QPSWPPP [CITY CODE SECTION 86.529(B)(2) OR 86.529(C)(3)], AVAILABLE (HARD-COPY, INCLUDING A FULL-SIZE SITE MAP) AT THE PRE-CON MEETING, KEPT ONSITE, AND UPDATED TO MATCH SITE CONDITIONS DURING THE PROJECT. THE ASSOCIATED TCEQ CONSTRUCTION SITE NOTICE MUST BE SUBMITTED TO THE PERMIT CENTER TO SCHEDULE THE PRE-CON MEETING AND POSTED IN PUBLIC VIEW (TXR150000 PART III.D.2.) PRIOR TO/AT THE PRE-CON MEETING.
12. CONTRACTOR MUST HAVE A CISEC, CESSWI, OR QCIS CONDUCT WEEKLY SWPPP INSPECTIONS AND DOCUMENT PER TXR150000 PART III.F.7 AND CITY CODE SECTIONS 86.523 AND 86.529(B)(9) OR 86.529(C)(10). CONTRACTOR MUST MAINTAIN ALL ESC MEASURES, ADDRESS ALL IDENTIFIED CORRECTIVE ACTIONS AND DOCUMENT PER TXR150000 PART III.F.6-7 AND CITY CODE SECTION 86.529(C)(11).
13. THE LIMITS OF CONSTRUCTION (LOC) SHALL BE ADJUSTED AS NEEDED DURING THE PROJECT TO COVER ALL AREAS DISTURBED DURING DEMOLITION, GRADING, CONSTRUCTION, STORAGE, STOCKPILING, PARKING, ETC., PER TXR150000 PARTS I AND III.G.4.(C) AND (D). ADDITIONAL ESCS MAY BE REQUIRED.
14. PER TXR150000 PART III.F.1.(M)., LOCATIONS OF THE FOLLOWING, AS APPLICABLE, MUST BE MARKED ON THIS SHEET IN THE FIELD: THE TPDES CONSTRUCTION SITE NOTICE POSTING IN PUBLIC VIEW, STAGING, SPOILS STORAGE, CONCRETE WASHOUT, DUMPSTERS, PORTABLE TOILET(S), FUELING POINT(S), AND/OR OTHER POTENTIAL CONTAMINANT SOURCES. THIS SHEET MUST ALSO BE UPDATED AS THESE POTENTIAL CONTAMINANT SOURCES ARE MOVED OR OTHER CHANGES OCCUR ONSITE. DATE AND INITIAL ALL PEN AND INK CHANGES.
15. CONCRETE WASTE, CONCRETE WASH WATER, AND MASONRY/STUCCO/PAINT MIXING AND WASH WATER, AS APPLICABLE, MUST BE CONTAINED IN SUFFICIENT PRE-MADE STRUCTURE(S), LINED STRUCTURE(S), OR LINED PIT(S) PER TXR150000 PART V.D.
16. PAVEMENT, STONE, ROCK, RIPRAP, SOD, OR ANOTHER TYPE OF FLOW DISSIPATION IS REQUIRED AT ALL CURB CUTS AND OTHER DISCHARGE POINTS, SURROUNDING ALL GRATE INLETS, AND UNDER ALL OPEN DOWNSPOUTS, RAIN CHAINS, ROOF DRAINS/LARGE DOWNSPOUT NOZZLES (AKA COW TONGUES), ETC. DECOMPOSED GRANITE, PEA GRAVEL OR SMALLER, RUBBER OR LANDSCAPE MULCH, PINE BARK, PECAN SHELLS, WOOD CHIPS, AND ANY OTHER MATERIAL THAT IS EASILY DISPLACED DURING RAIN EVENTS ARE NOT ALLOWED IN THESE LOCATIONS.
17. DO NOT STORE OR STOCKPILE SPOILS OR MATERIALS IN THE 100-YEAR FLOODPLAIN OVERNIGHT.
18. CITY CODE SECTION 14.026, §3305.2 CONSTRUCTION DEBRIS / TRASH CONTAINMENT. CONTRACTORS SHALL ENSURE THAT EVERY CONSTRUCTION, REMODEL, REPAIR, OR RENOVATION SITE HAS A METHOD OF CONTAINMENT FOR CONSTRUCTION DEBRIS AND TRASH. THE CONTRACTOR SHALL ENSURE THAT CONSTRUCTION DEBRIS AND TRASH ARE REMOVED FROM THE SITE ON A REGULAR BASIS SO THAT THE SITE IS MAINTAINED IN A CLEAN, SANITARY, AND SAFE CONDITION AT ALL TIMES.
19. CITY CODE SECTION 14.026, §3305.4 STREET CLEANING. ADJACENT STREETS TO THE CONSTRUCTION SITE SHALL BE MAINTAINED AND FREE OF DIRT, MUD, ROCKS AND OTHER CONSTRUCTION DEBRIS AT ALL TIMES. DIRT, GRAVEL, ETC., SHALL NOT BE SWEPT, WASHED, OR OTHERWISE DEPOSITED INTO UNPROTECTED STORM WATER CONVEYANCE SYSTEMS.
20. CITY CODE SECTION 14.026, §3305.5 SPOILS PILES. ALL SPOILS PILES SHALL BE UTILIZED ON SITE OR REMOVED FROM CONSTRUCTION SITES AS SOON AS POSSIBLE. WHILE ONSITE, ALL PILES MUST BE MINIMIZED IN HEIGHT, VOLUME AND FOOTPRINT, AND IN NO CASE SHALL PILES EXCEED EIGHT FEET IN HEIGHT. SEEDING OR COVERING OF UNDISTURBED PORTIONS OF SPOILS PILES IS REQUIRED IF THE PILES WILL NOT BE INCREASED OR DECREASED FOR MORE THAN 14 CALENDAR DAYS. AS SPECIFIED IN THE TPDES CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN REGULATIONS, REGARDLESS OF THE SIZE OF THE SITE AND/OR PILE. IN NO CASE SHALL SITE FINAL AND/OR BUILDING FINAL INSPECTIONS BE APPROVED UNTIL ALL SPOILS PILES HAVE BEEN REMOVED FROM CONSTRUCTION SITES.
21. POND OR OTHER DISTURBED SLOPES 3H:1V OR FLATTER MUST BE PERMANENTLY STABILIZED WITH SEED AND BIODEGRADABLE SOIL RETENTION BLANKETS WITH NO PLASTIC NETTING. DISTURBED SLOPES EXCEEDING 3H:1V REQUIRE SEED AND TYPE C OR D BLANKETS (OR EQUIVALENT CONTROL) UNTIL REVEGETATION IS ESTABLISHED. OR SOD. [COSM 1/1/2020 MODIFICATIONS TO THE COA AND TXDOT STANDARD SPECIFICATIONS; COSM SPECIFICATION 605S]".

BENCHMARKS

BM #1: SOUTHWESTERLY, A DISTANCE OF 30.24 FEET (30.17 RECORD) ALONG THE ARC OF SAID CURVE TO THE LEFT, HAVING A RADIUS OF 25.00 FEET (RECORD), A DELTA ANGLE OF 69°18'24" AND A CHORD WHICH BEARS SOUTH 78°42'01" WEST, A DISTANCE OF 28.43 FEET TO A CHISELED "X" FOUND IN CONCRETE AT THE END OF SAID CURVE FOR CORNER

811 Know what's below. Call before you dig.

WARNING: CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY

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Austin, Texas 78746
PHONE: 512-646-2237
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TBPE Firm No. 928
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PRELIMINARY
FOR REVIEW ONLY
Not for construction or permit purposes.
Kimley»Horn
Engineer BENJAMIN L. GREEN
P.E. No. 132190 Date 4/13/22

4/13/2022

KHA PROJECT	067780339
DATE	April 2022
SCALE:	AS SHOWN
DESIGNED BY:	ABG
DRAWN BY:	JRP
CHECKED BY:	BLG

EROSION CONTROL PLAN

ALTA CENTERPOINT MULTIFAMILY

CITY OF SAN MARCOS
HAYS COUNTY, TEXAS

2022-39659

Plotted By: Ashby, Samantha Date: April 13, 2022 03:01:57pm File Path: K:\SAU_Civil\067780339 Alta Centerpoint Multifamily\Civil\Site Plan\Plan Sheets\C - Erosion Control Plan.dwg
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