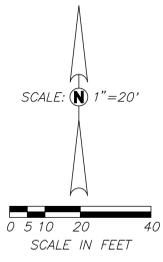
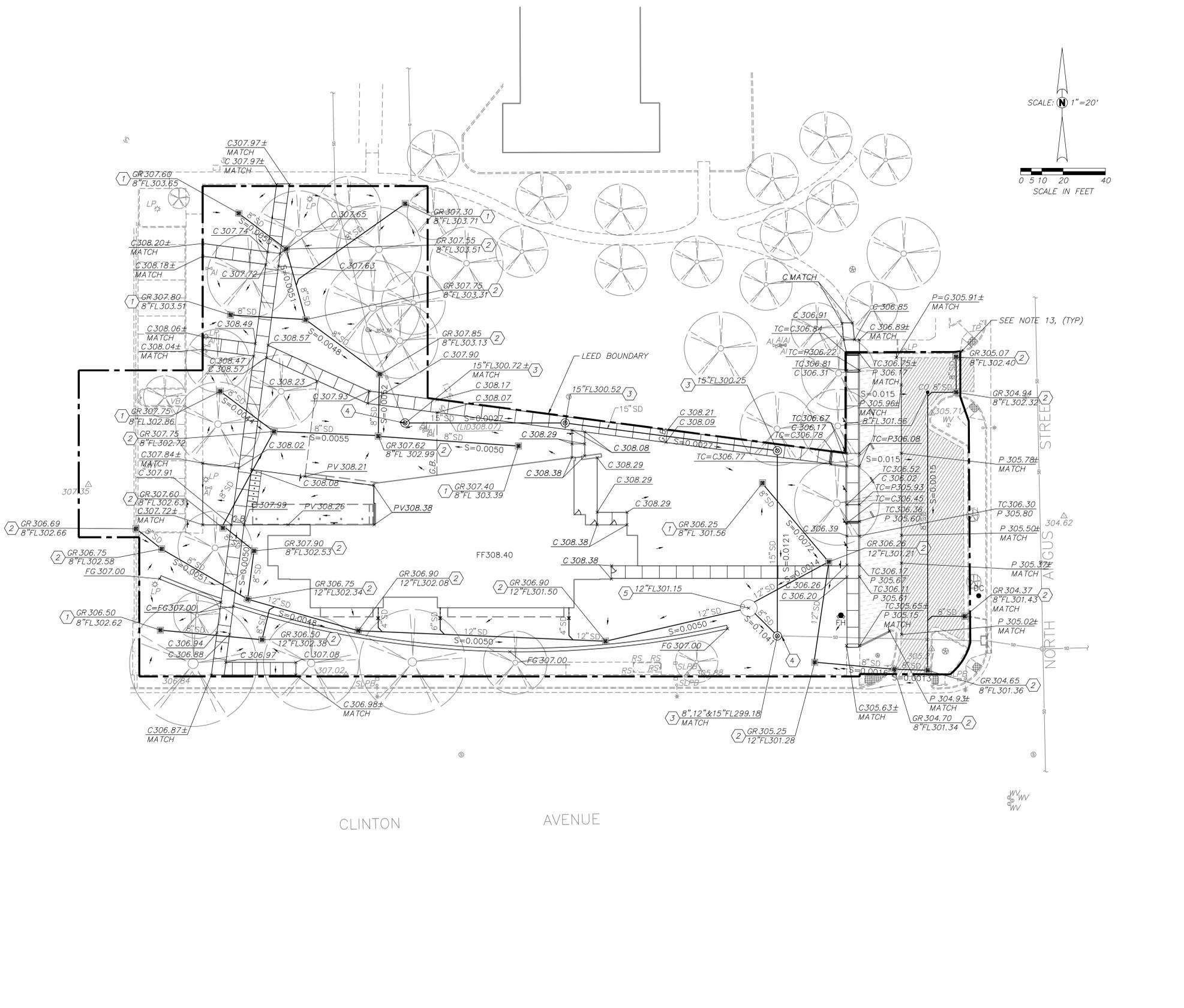


one eighth inch = one foot
 one quarter inch = one foot
 one half inch = one foot
 one inch = one foot
 three quarters inch = one foot
 one and one half inches = one foot
 two inches = one foot
 three inches = one foot



GRADING PLAN LEGEND:

- G.B. — GRADE BREAK
- C CONCRETE
- FG FINISHED GRADE
- GR GRATE
- P PAVEMENT
- PV PAVER
- TC TOP OF CURB
- TW TOP OF WALL
- FL FLOW LINE
- C 311.00 FINISHED SURFACE GRADE
- SLOPE DIRECTION
- 24" SD STORM DRAIN PIPE, SIZE, PIPE SLOPE AND DIRECTION OF FLOW AS NOTED
- CO STORM DRAINAGE SURFACE CLEANOUT PER DETAIL (E) CS400
- ⊙ STORM DRAINAGE MANHOLE
- STORM DRAINAGE INLET
- STORM DRAINAGE FILTER STRUCTURE
- FH ● DC FIRE IMPROVEMENTS, SEE SHEET CS300
- LEED BOUNDARY
- ① P-8 DRAIN INLET PER DETAIL (F) CS400
- ② V12 DRAIN INLET PER DETAIL (D) CS400
- ③ STORM DRAIN MANHOLE PER DETAIL (A) CS400
- ④ POINT OF CONNECTION TO EXISTING STORM DRAIN. MAKE WATER TIGHT CONNECTION TO NEW MANHOLE.
- ⑤ STORM DRAINAGE FILTER STRUCTURE PER DETAIL (H) CS401

GENERAL GRADING AND DRAINAGE NOTES:

- THE REQUIREMENTS AND INFORMATION SET OUT BELOW ARE PROVIDED FOR THE CONTRACTOR'S CONVENIENCE AND DO NOT ENCOMPASS ALL PROJECT REQUIREMENTS DESCRIBED BY THE PROJECT PLANS AND SPECIFICATIONS AND/OR APPLICABLE LAWS, REGULATIONS AND/OR BUILDING CODES.
- CONSTRUCTION OF ALL PROJECT SITE IMPROVEMENTS SUBJECT TO UFAS ACCESS COMPLIANCE, INCLUDING ACCESSIBLE PATH OF TRAVEL, CURB RETURNS, PARKING STALL(S) AND UNLOADING AREAS, BARRIER FREE AMENITIES AND/OR OTHER APPLICABLE SITE IMPROVEMENTS SHALL CONFORM TO THE UFAS.
 - CONTRACTOR SHALL FIELD VERIFY ALL GRADES AND SLOPES PRIOR TO THE PLACEMENT OF CONCRETE AND/OR PAVEMENT FOR CONFORMANCE WITH UFAS ACCESS COMPLIANCE REQUIREMENTS. EXAMPLES OF MINIMUM AND MAXIMUM LIMITS RELATED TO UFAS ACCESS COMPLIANCE INCLUDE, BUT ARE NOT LIMITED TO:
 - ACCESSIBLE PATH OF TRAVEL CROSS-SLOPE SHALL NOT EXCEED 2.00%
 - ACCESSIBLE PATH OF TRAVEL LONGITUDINAL SLOPES SHALL NOT EXCEED 5.00%
 - RAMP LONGITUDINAL SLOPES SHALL NOT EXCEED 8.33%
 - WALKS SHALL NOT HAVE LESS THAN 48 INCHES IN UNOBSTRUCTED WIDTH
 - CONTRACTOR MUST IMMEDIATELY NOTIFY THE VA COR AND ENGINEER OF RECORD, IDENTIFIED BY THE PROFESSIONAL ENGINEERING SEAL AND SIGNATURE ON THESE PLANS, OF ANY SITE CONDITION(S) AND/OR DESIGN INFORMATION THAT PREVENTS THE CONTRACTOR FROM COMPLYING WITH THE LAWS, REGULATIONS AND/OR BUILDING CODES GOVERNING UFAS ACCESS COMPLIANCE.
 - GROUND SLOPES AWAY FROM BUILDING PADS IN LANDSCAPED OR DIRT AREAS SHALL BE NO LESS THAN 5.0% FOR AT LEAST TEN (10) FEET, OR AS OTHERWISE NOTED ON THE PLANS.
 - DRAINAGE SHALL NOT BE ALLOWED ONTO ADJACENT PROPERTY.
 - THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES AS REQUIRED BY THE PROJECT SPECIFICATIONS, AND BY GOVERNING PUBLIC AGENCIES.
 - NO CONCRETE MAY BE POURED UNTIL ALL SLUMP TEST/REPORTS, FORMS AND REINFORCEMENTS HAVE BEEN REVIEWED BY THE VA COR.
 - ALL EXISTING PAVEMENT AND CONCRETE IMPROVEMENTS NOT DESIGNATED FOR REMOVAL MUST BE PROTECTED AT ALL TIMES. THE CONTRACTOR IS RESPONSIBLE TO REPLACE ANY DAMAGED ITEMS.
 - ALL EXISTING UTILITY APPURTENANCES, MANHOLES, PULLBOXES, VALVES, GRATES, ETC. WITHIN CONSTRUCTION LIMITS TO BE ADJUSTED TO FINISHED GRADE, CENTERED ON OPENING AND PROPERLY SECURED.
 - CONTRACTOR TO MATCH EXISTING CONCRETE GRADE AT ALL NEW CONCRETE LOCATIONS, UNLESS SHOWN DIFFERENTLY ON PLANS.
 - CONTRACTOR TO PROVIDE GRADUAL AND SMOOTH TRANSITION GRADING BETWEEN NEW AND EXISTING IMPROVEMENTS.
 - CONTRACTOR SHALL COORDINATE AND VERIFY WITH ALL SUBCONTRACTORS THE SIZE, LOCATION AND ELEVATION OF ALL PIPELINES, TRENCHES AND UNDERGROUND UTILITIES. CONTRACTOR TO PROVIDE COORDINATION DRAWINGS SHOWING PROFILE ELEVATIONS TO VA FOR APPROVAL PRIOR TO CONSTRUCTION.
 - CONTRACTOR TO REPAIR AND/OR REPLACE EXISTING IMPROVEMENTS DAMAGED BY TRENCHING ACTIVITIES.
 - ALL STORM DRAIN PIPE LESS THAN OR EQUAL TO 12" SHALL BE SDR-35, ALL STORM DRAIN PIPE GREATER THAN 12" SHALL BE CLASS III REINFORCED CONCRETE PIPE CONFORMING TO ASTM C-76

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 HMC PROJECT #1983002-000

Drawing Title
GRADING AND DRAINAGE PLAN

Approved: Project Director

Project Title
Mental Health Psychosocial Rehab Recovery and Health Care for Homeless Veteran Center

Location
2615 E. CLINTON AVE, FRESNO, CA 93703

Project Number
570-217

Building Number
37

Drawing Number
CS200

Office of Construction and Facilities Management:
 Department of Veterans Affairs

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