

# VA MARTINEZ MEDICAL FACILITY MARTINEZ, CALIFORNIA

## GENERAL NOTES

- All work shall conform to the latest edition of APWA Standard Specification for Public Works Construction (Green Book) and the City of Martinez Standard Special Provisions and Standard Drawings.
- The Contractor shall comply with All State, County and City laws and ordinances relating to safety and character of work, equipment and labor personnel. This shall include, but is not limited to, the shoring of trenches, the ventilation of confined spaces, conformance to the WATCH manual for traffic control including the provision and maintenance of barricades, and the preparation of a traffic control plan as required.
- A City encroachment permit is required for any work within the existing City right-of-way.
- Prior to the start of work, the Contractor shall arrange for a pre-construction meeting with the City, the Design Engineer, Soils Engineer, Utilities and other required individuals or public agencies. Contact City Construction Management Department at (925) 372-3596 at least two working days prior to the start of work.
- All construction and grading operations shall be limited to weekdays (Monday through Friday), 8:00 a.m. to 5:00 p.m.
- The Contractor shall maintain access to all property adjacent to the work throughout the period of construction.
- The Contractor shall verify the exact location of existing utilities and shall notify Underground Service Alert at (800) 642-2600 two working days prior to commencement of any excavation.
- Utilities shown on the plans are for information only and based upon available data. Any utilities exposed or damaged by the Contractor shall be repaired by him at his expense.
- The Contractor shall post emergency phone numbers for the City Public Services and Police Departments and the Contra Costa County Consolidated Fire District.
- The Contractor assumes sole and complete responsibility for the job site conditions at all times. The Contractor shall provide adequate liability insurance to defend, indemnify and hold harmless the City of Martinez and its employees from any claims or damages that may arise from this construction.
- The Contractor is responsible for arranging for all required inspections. The presence or absence of a City or other inspector will not relieve the Contractor of full responsibility for the proper performance of work.
- Any conflicts with the design or any changes to the plans shall be submitted to the Design Engineer and authorized by the City before continuing with work in that area. Major changes shall require a plan revision and minor changes shall require a plan change authorization from the City.
- The Contractor shall remove and dispose of all surplus excavation materials and debris from the site and shall maintain the site in a neat and orderly condition.
- Any public or private property damaged by the Contractor or any Sub-Contractor shall be restored to its original condition at the Contractor's expense. All public improvements for the project that are damaged or displaced shall be repaired or replaced by the Contractor at his expense prior to acceptance by the City.
- All utilities that lie within the street right-of-way, including mains and laterals, shall be installed prior to final street subgrade preparation. The City Construction Management Section shall be notified in writing by the owner, or accepting agency, of each utility installation beneath the area to be paved that the installation has satisfactorily passed final acceptance tests prior to paving.
- The street structural section shall be determined by the traffic index specified by the City and from "R" value tests taken by the Soils Engineer at City specified locations. 500 millimeter as later streets are rough graded. Prior to compaction tests and placement of base rock, the street section and subgrade condition shall be firm, hard and unyielding to the satisfaction of the City Engineer.
- An Erosion Control Plan shall be submitted to the City Engineer for review and approval by September 1. The approved Plan shall be in effect from October 1 to April 15 in accordance with Section 15.04.165 of the Martinez Municipal Code and the applicable standards.
- The City Engineer and Design Engineer shall approve all forms and grades prior to any concrete pour. Minimum one working day prior notice is required, and no concrete shall be placed within two hours of sunset or during inclement weather.
- Sewer laterals and water services shall be installed in separate trenches with 5' minimum horizontal spacing.
- All utility trenches shall be backfilled at 95% relative compaction per City Standard Drawing S-11.
- Street lights shall be energized and all traffic signs including "no parking" signs shall be installed prior to issuance of first occupancy permits.
- The Contractor is responsible for matching existing streets, surrounding landscape and other improvements with a smooth transition. Paving conforms shall be made with a smoothly trimmed butt joint without overlapping existing pavement.
- The concrete Contractor shall verify locations of all driveways, sewer and water laterals before pouring the curb. A stamped "S" and "W" shall be marked on the curb for lateral locations after concrete is poured.
- The City shall be provided with "as built" drawings on photo mylar (4 mil), including all changes to the project, prior to final acceptance and release of securities by the City.
- Protection of street monuments and roadway markers: The Contractor shall not destroy, remove, or otherwise disturb any existing survey monument, survey markers, or other existing street or roadway markers without proper authorization from the City. No pavement excavation shall start until all survey monument or other permanent marker points that will be disturbed by the construction operations have been identified and properly referenced for easy and accurate restoration. All survey monuments, survey markers or points disturbed by the Contractor shall be accurately restored at the Contractor's expense after all street or roadway work is complete. Survey monuments shall be reestablished by a registered land surveyor or registered civil engineer in accordance with state law.
- The applicable Standard Details include but are not limited to: (list Applicable Details)
- Contractor shall comply with the General Conditions referenced on the Encroachment Permit Application.
- Contractor shall provide traffic control measures per the WATCH Manual.
- The Encroachment Agreement between VA and the City of Martinez shall be in place prior to any work performed within City of Martinez property.
- The contractor shall be responsible for applying for all permits and pay for all fees associated with all work performed within City of Martinez property. This includes, but is not limited to, the Encroachment Construction Form.
- The contractor shall provide the information required by the City of Martinez to work within City of Martinez property including but not limited to the required proof of insurance.

## GRADING NOTES

- Grading operations shall be conducted in accordance with Appendix "J" of the Uniform Building Code as amended by Section 15.04.150 of the Martinez Municipal Code, these plans, the recommendations contained in the project Soils Report, and by the City's Consultant Soils Engineer.
- The project Soils Engineer and/or the Design Engineer will be responsible for on-site inspection and quality control of grading operations. All revisions must be approved in writing prior to construction by the project Soils Engineer and the City Engineer prior to continuing with work in that area.
- The Contractor shall obtain a Grading and/or Site Development Permit from the City. Contact Public Works Department at (925) 372-3596 at least two working days prior to commencement of work.
- All grading work shall require certification by the project Soils Engineer and Design Engineer to ensure that elevations, offsets, earthwork, and soils compaction are done in accordance with the plans and the soils report. The pad area shall not vary from the design elevation by more than 0.1 foot at any spot.
- The Contractor shall protect adjacent properties in a manner that will prevent sloughing or any encroachment. This may require fencing and/or barriers to be provided. Grading on adjacent properties will require written authorization from the property owner with a copy furnished to the City prior to commencing such work.
- The Contractor shall control the dust resulting from his operations through watering or other suitable methods on the site and haul routes.

## WATER AND SEWER NOTES

- The Contractor shall notify the appropriate Water District of any work in the vicinity of existing water mains, and obtain specific approval to proceed. Extreme care must be taken not to disrupt water service. Work on water mains must be done under District supervision with the necessary permits. All work shall be designed and installed per the Standards and Specifications of the appropriate Water District.
- Sanitary sewer materials and methods of construction shall conform to the Standards, Specifications and Detail Drawings of the appropriate Sanitary District. The Contractor shall obtain a sewer construction permit from the District office prior to commencing work.
- The Contractor shall notify the appropriate Sanitary District office two working days prior to requiring inspection services.
- Fire hydrants and locations thereof shall be shown on the plans and approved by the Contra Costa County Consolidated Fire District.

## OVERALL SITE LAYOUT

SCALE: 1"=60'

## LEGEND

### EXISTING

- 180 CONTOUR LINE
- P PAD-MOUNTED FACILITY LOCATION
- 8"SS SANITARY SEWER
- 12" W WATER LINE
- 12"SD STORM DRAIN LINE
- SSMH SANITARY SEWER MANHOLE
- SDMH STORM DRAIN MANHOLE
- FI FIELD DRAIN INLET
- WM WATER LINE AND METER
- SSCO SEWER LINE AND CLEANOUT
- WV WATER VALVE
- WF WOOD FENCE
- CLF CHAIN LINK FENCE
- PL PROPERTY LINE
- SDCB STORM DRAIN CATCH BASIN
- ADA ADA RAMP
- FH FIRE HYDRANT
- LP LIGHT POLE
- CS CHAUDHARY & ASSOC. SURVEY CONTROL POINT

### PROPOSED

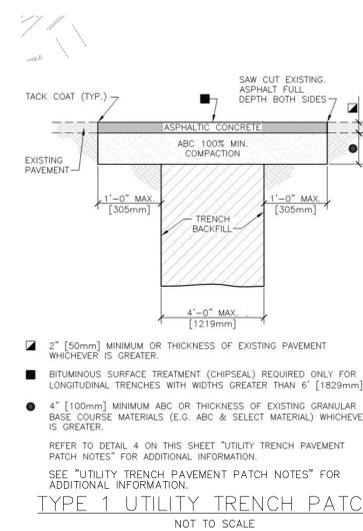
- (R) REMOVE EXISTING TREE INCLUDING TREE ROOTS
- NEW P.C.C
- RELOCATE FROM - TO
- COMM COMMUNITY SECURITY LINE PREPARED BY TeeCom
- E ELECTRICAL LINE PREPARED BY FW ASSOCIATES

### ABBREVIATIONS

AB	AGGREGATE BASE	MH	MANHOLE	di	DROP INLET
AC	ASPHALTIC CONCRETE	PCC	PORTLAND CEMENT CONCRETE	GV	GAS VALVE
BSW	BACK OF SIDEWALK	(P)	PROPOSED	mh	MANHOLE
CB	CATCH BASIN	R	PROPERTY LINE	pbj	PULLBOX
BC	BEGIN CURVATURE	(R)	TREES TO BE REMOVED	PP	POWER POLE
CL	CLEAN OUT (SEWER)	R/W	RIGHT OF WAY	WV	WATER VALVE
CO	CURB	SS	SANITARY SEWER	WM	WATER METER
DI	DROP INLET	SD	STORM DRAIN	GM	GAS METER
EP	EDGE OF PAVEMENT	S	SLOPE		
(E)	EXISTING	SS	SANITARY SEWER		
EG	EXISTING GRADE	STD	STANDARD		
FC	FACE OF CURB	SW	SIDEWALK		
FG	FINISH GRADE	TC	TOP OF CURB		
GB	GRADE BREAK	TYP	TYPICAL		
HP	HIGH POINT	WM	WATER METER		
INV.	INVERT	WV	WATER VALVE		

## UTILITY TRENCH PAVEMENT PATCH NOTES

- MATERIAL AND COMPACTION REQUIREMENTS FOR PIPE BEDDING/SHADING SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS FOR THE APPLICABLE UTILITY PIPE.
  - TRENCH BACKFILL SHALL COMMENCE 1 FOOT [305mm] ABOVE THE TOP OF PIPE AND SHALL BE PER SECTION 31 20 11.
  - BACKFILL COMPACTION REQUIREMENTS SHALL BE PER SECTION 31 20 11.
  - THE 1 FOOT [305mm] TRENCH "SHOULDER" AREAS SHALL BE DELETED FOR TYPE 2 TRENCHES.
  - ABC SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 32 12 16.
  - PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 32 05 23.
  - ASPHALTIC TACK MATERIAL SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 32 12 16.
  - ASPHALTIC CONCRETE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 32 12 16 FOR THE TYPE SPECIFIED.
  - BITUMINOUS SURFACE TREATMENT (CHIP SEAL) SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 32 12 16 FOR THE TYPE SPECIFIED.
  - LOAD TRANSFER DOWELS FOR JOINTS TRANSVERSE TO THE ROADWAY CENTERLINE SHALL BE SMOOTH STEEL DOWELS IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 32 05 23. DOWELS SHALL BE SIZED AND SPACED AS FOLLOWS:
- | PCCP THICKNESS | DOWEL SIZE   | DOWEL LENGTH | DOWEL SPACING |
|----------------|--------------|--------------|---------------|
| 6" [150mm]     | #5 [No. 16]  | 12" [305mm]  | 18" [455mm]   |
| 7" [180mm]     | #6 [No. 19]  | 15" [380mm]  | 15" [380mm]   |
| 8" [200mm]     | #6 [No. 19]  | 15" [380mm]  | 12" [305mm]   |
| 10" [250mm]    | #10 [No. 19] | 15" [380mm]  | 12" [305mm]   |
- DEFORMED TIE BARS SHALL BE USED IN TRENCH PATCHES LONGITUDINAL TO THE ROADWAY CENTERLINE WHEN THE TRENCH LENGTH IS GREATER THAN 50 FEET [15240mm]. THE BARS SHALL BE 24 INCHES [610mm] LONG, DEFORMED #4 [No. 13] BARS FOR PCCP LESS THAN 8 INCHES [205mm] THICK AND #5 [No. 16] BARS IF 8 INCHES [205mm] THICK OR MORE. THE BARS SHALL BE PLACED 30 INCHES [760mm] CENTER-TO-CENTER. REFER TO DETAIL 4 ON THIS SHEET "UTILITY TRENCH PAVEMENT PATCH NOTES" FOR ADDITIONAL INFORMATION.
  - HOLES SHALL BE DRILLED 1 FOOT [305mm] INTO THE EXISTING SLAB FOR THE BARS AND 7 INCHES [180mm] FOR DOWELS. HOLES SHALL BE OF A DIAMETER SUFFICIENT TO ACCOMMODATE THE TIE BAR ANCHORAGE OR DOWEL CAP. THE BARS SHALL BE ANCHORED WITH AN APPROVED HIGH VISCOSITY EPOXY.
  - IF THE CONCRETE SLAB REMAINING NEXT TO A LONGITUDINAL OR TRANSVERSE JOINT IS LESS THAN 6 FEET [1829mm] AT ITS NARROWEST WIDTH, REMOVE AND REPLACE THE EXISTING CONCRETE TO THE JOINT.



## CONSULTANTS:



**CHAUDHARY & ASSOCIATES, INC.**  
ENGINEERS SURVEYORS INSPECTORS

211 STATE AVE. ROAD 1, SUITE 204  
MARTINEZ, CA 94558  
Tel: 707-255-2729 Fax: 707-255-5021 www.chaudhary.com



## KEY PLAN

## ARCHITECT/ENGINEERS:



ARCHITECTS  
209 9TH STREET, SUITE 201 SAN FRANCISCO, CA 94103  
T: 415.702.0228 F: 415.707.6228 www.mandearchitects.com

Drawing Title

**TITLE SHEET AND GENERAL NOTES**

Approved: Project Director

Project Title

**CORRECT CAMPUS SECURITY NORTH-EAST PHASE**

Location

**VANCHCS - MARTINEZ**

Date

**JAN 12, 2015**

Project Number

**#VA612-13-310**

Building Number

**R-3**

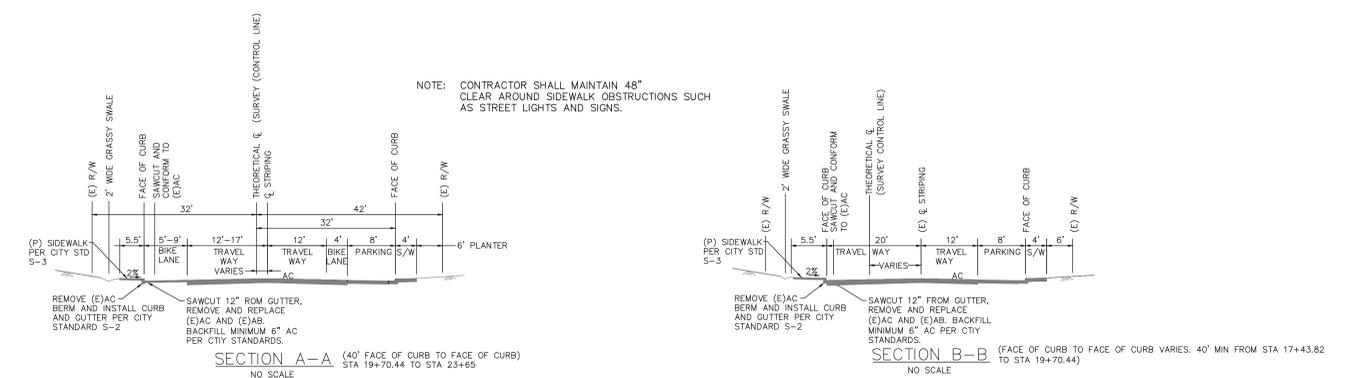
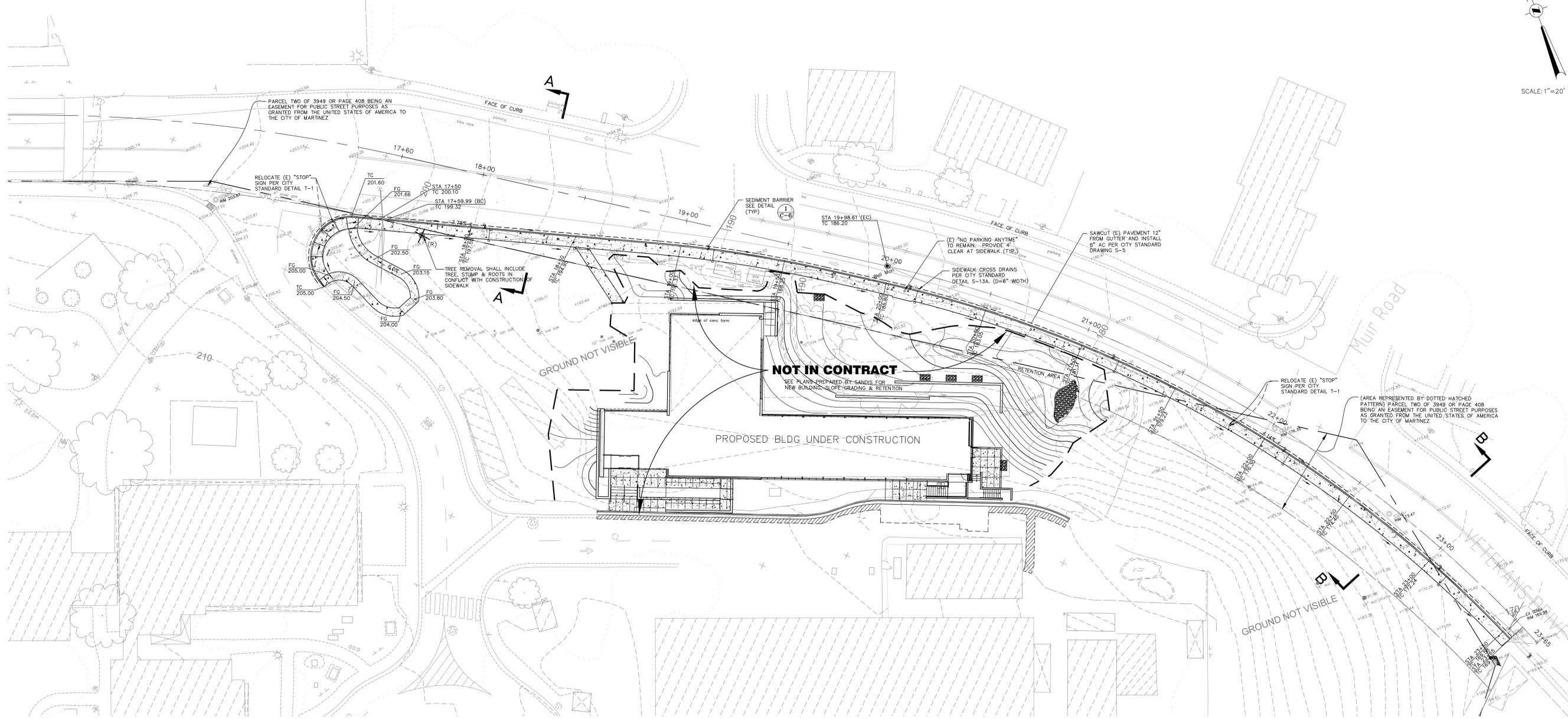
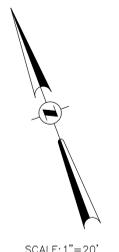
Drawing Number

**C-1**

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**Office of Facilities Management**





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**KEY PLAN**

**ARCHITECT/ENGINEERS:**

**MEI ARCHITECTS**  
239 9TH STREET, SUITE 201 SAN FRANCISCO, CA 94103  
T: 415.703.0328 F: 415.707.6328 www.meiarchitects.com

Drawing Title  
**SIDEWALK LAYOUT**

Approved: Project Director

Project Title  
**CORRECT CAMPUS SECURITY NORTH-EAST PHASE**

Location  
**VANCHCS - MARTINEZ**

Date  
**JAN 12, 2015**

Checked  
**TD**

Drawn  
**RE**

Project Number  
**#VA612-13-310**

Building Number  
**Muir Rd**

Drawing Number  
**C-2**

Dwg. - of -

**Office of Facilities Management**

Department of Veterans Affairs

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