



NEUROCOG TBI RESEARCH BUILDING / BUILDING R4 DEMOLITION / NEW PARKING LOT

VETERANS AFFAIRS NORTHERN CALIFORNIA
HEALTH CARE SYSTEM (VANCHCS)

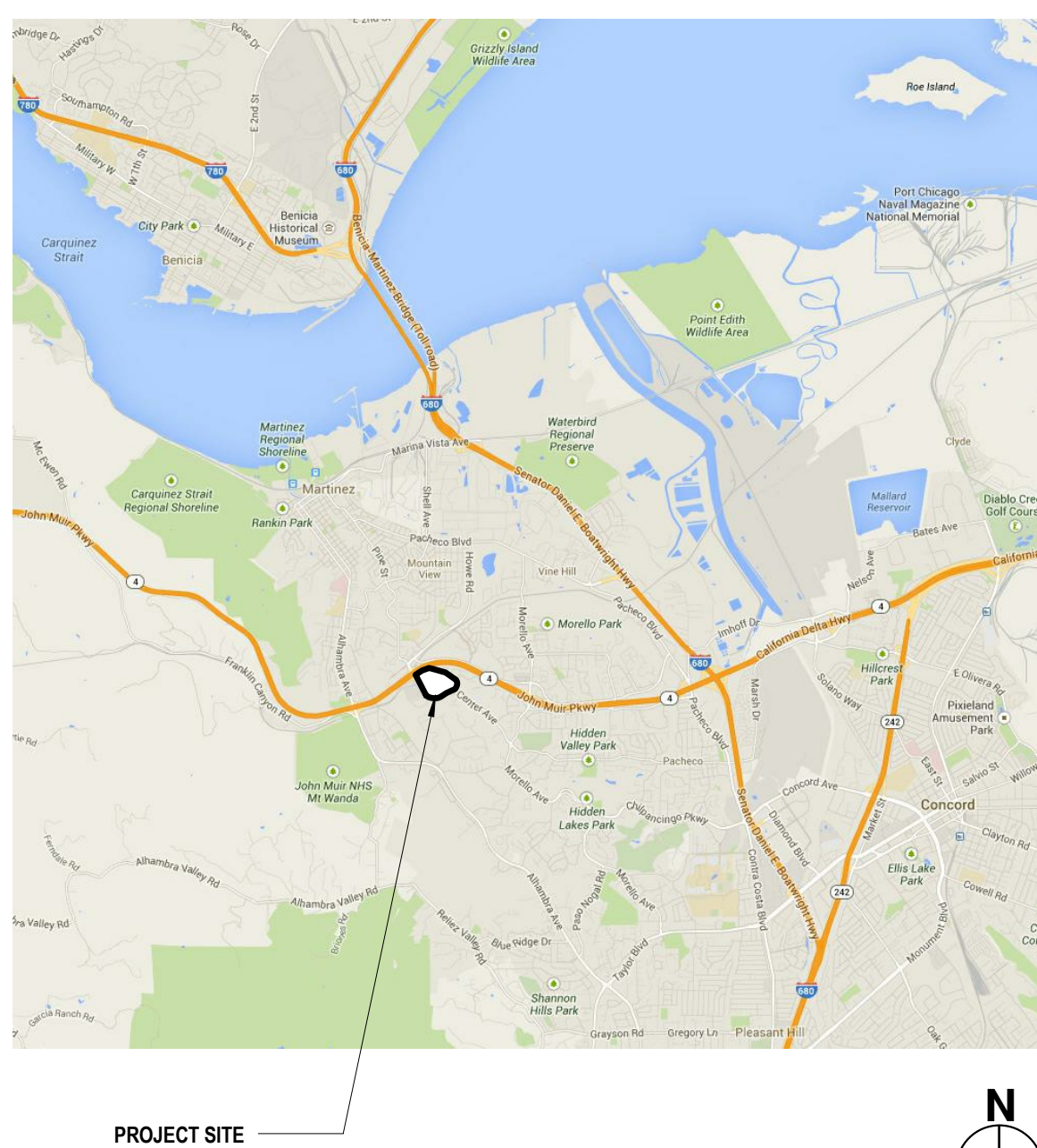
150 MUIR ROAD,
MARTINEZ, CA 94553

VA OBLIGATION NO. 612-125
VA CONTRACT NO. VA261-12-D-0078
VA TASK ORDER NO. VA261-13-J-2702
VA PURCHASE ORDER NO. 612-Z30001
POLYTECH PROJECT NO. 2137

DESIGN APPROVAL

138 CHIEF ENGINEER	DATE
BUILDING SERVICE REP	DATE
001SVD ASSOC DIRECTOR	DATE
001EBD ASSOC DIRECTOR	DATE
118 ASSOC DIRECTOR FORNURSING	DATE
11 CHIEF OF STAFF	DATE
00 DIRECTOR	DATE

VICINITY MAP



SITE MAP



CODES AND DESIGN STANDARDS

THE NEUROCOG TBI RESEARCH BUILDING AND R4 BUILDING ARE LOCATED IN MARTINEZ, CALIFORNIA, ON FEDERAL LAND OWNED BY THE VETERANS ADMINISTRATION WHICH IS AN AGENCY OF THE FEDERAL GOVERNMENT.

WORK SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING CODES AND VA DESIGN STANDARDS:

- 2015 INTERNATIONAL BUILDING CODES
- ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS (ABAA)
- ARCHITECTURAL DESIGN MANUAL - DESIGN MANUAL AUGUST 2011
- INTERIOR DESIGN MANUAL - MAY 2008
- NATIONAL FIRE PROTECTION ASSOCIATION LIFE SAFETY CODE (NFPA 101)
- PHYSICAL SECURITY DESIGN MANUAL FOR VA FACILITIES, LIFE-SAFETY PROTECTED
- PROGRAM GUIDE PG-16-1 MASTER CONSTRUCTION SPECIFICATIONS
- PROGRAM GUIDE PG-18-3 DESIGN AND CONSTRUCTION PROCEDURES
- PROGRAM GUIDE PG-18-3 BARRIER FREE DESIGN GUIDE
- PROGRAM GUIDE PG-16-15 AE SUBMISSION INSTRUCTIONS VOLUME C
- US GREEN BUILDING COUNCIL LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN - LEED

GENERAL NOTES

A. GENERAL NOTES:

1. THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE CONTRACT DOCUMENTS WITH EACH OTHER AND WITH AS-BUILT DRAWINGS OF THE MASTER SITE UTILITY PLANS, JUNE 2011, R-4 BUILDING AND CAMPUS TPO SITE PLAN AND SHALL AT ONCE REPORT TO THE ARCHITECT ANY INCONSISTENCIES OR OMISSIONS. THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY FIELD CONDITIONS. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR AND HAS CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, FOR AND FOR COORDINATING ALL PORTIONS OF THE WORK.
2. THE CONTRACTOR SHALL PROVIDE COMPLETE PROJECT SYSTEMS AND COMPONENTS AND COMPLY WITH ALL REQUIREMENTS INDICATED ON THE PROJECT DOCUMENTS.
3. WORK WITHIN THE AREA BOUNDARIES INDICATED IN THE PROJECT DOCUMENTS, AND COMPLY WITH ALL APPLICABLE BUILDING CODE, REGULATION, & ORDINANCE REQUIREMENTS. OCCUPANTS ADJACENT TO THE PROJECT AREA BOUNDARIES SHALL CONTINUE UNINTERRUPTED OCCUPANCY DURING CONSTRUCTION OF THE PROJECT.
4. VERIFY FIELD CONDITIONS AND COORDINATE WITH THE PROJECT DOCUMENTS PRIOR TO PROCEEDING WITH THE WORK.
5. COORDINATE THE WORK WITH ALL REQUIREMENTS INDICATED IN THE PROJECT DOCUMENTS.
6. PERFORM THE WORK AT THE PROJECT SITE DURING NORMAL BUSINESS HOURS, UNLESS OTHERWISE NOTED.
7. COORDINATE THE WORK WITH EQUIPMENT, FURNISHINGS, AND SYSTEMS PROVIDED BY THE OWNER.
8. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS, AND ACCORDING TO ITS LISTING REQUIREMENTS.
9. THE DRAWINGS ARE INTENDED TO SHOW THE GENERAL EXTENT AND ARRANGEMENT OF THE WORK AND ARE NOT INTENDED TO BE COMPLETE IN EVERY DETAIL. CONTRACTORS SHALL PROVIDE AND INSTALL MATERIALS, EQUIPMENT AND DEVICES AS NECESSARY TO PROVIDE A COMPLETE AND WORKING SYSTEM INCLUDING MATERIALS, EQUIPMENT, AND DEVICES NEEDED, BUT NOT SHOWN ON THE DWGS OR MENTIONED IN THE SPECIFICATIONS, AT NO ADDITIONAL COST TO THE OWNER.
10. ALL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE FASHION.
11. IF DISCREPANCIES ARE FOUND BETWEEN THE DRAWINGS & SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS SHALL APPLY AS DETERMINED BY THE OWNER'S PROJECT MANAGER.
12. CONTRACTOR SHALL START UP, TEST AND COMMISSION ALL NEW SYSTEMS INCLUDED IN THE SCOPE OF WORK. CONTRACTOR SHALL CLEAN, BALANCE AND TREAT ALL SYSTEMS PER SPECIFICATIONS AND PROVIDE REPORTS TO OWNER/ENGINEER FOR REVIEW. CONTRACTOR SHALL PROVIDE OWNER WITH 24 HOURS OF ON SITE TRAINING AS TO SYSTEMS OPERATIONS. COORDINATE ALL OF THESE EFFORTS WITH SITE PERSONNEL, PROJECT MANAGER, VENDORS AND ENGINEER AS NEEDED.

B. DEFINITIONS:

1. "TYPICAL" OR "TYP" INDICATES IDENTICAL COMPLETE SYSTEM SHALL BE PROVIDED FOR EACH OCCURRENCE OF THE CONDITION NOTED.
2. "SIMILAR" INDICATES COMPLETE SYSTEM AND COMPONENTS SHALL BE PROVIDED COMPARABLE TO THE CHARACTERISTICS FOR THE CONDITION NOTED.
3. "ALIGN" INDICATES ACCURATELY PROVIDE FINISH FACES OF MATERIALS IN STRAIGHT, TRUE, AND PLUMB RELATION TO ADJACENT MATERIALS.
4. THE TERMS "AS REQUIRED" AND "AS NEEDED" WHEN USED IN THE PLANS OR THE SPECIFICATIONS SHALL BE INTERPRETED AS FOLLOWS: THE CONTRACTOR SHALL PROVIDE THE FACILITY, SYSTEM, EQUIPMENT, SERVICE, OPERATION OR FUNCTION MENTIONED, AT NO ADDITIONAL COST TO THE OWNER. THAT IS, ALL OF THE WORK SHALL HAVE BEEN USED BY THE CONTRACTOR IN THE CONTRACTOR'S ORIGINAL BID PROPOSAL. PRICE SHOULD THE FACILITY, SYSTEM, ETC., SUBSEQUENTLY BE DETERMINED TO NOT BE NEEDED AND A DEDUCT CHANGE ORDER IS NEGOTIATED, THE CONTRACTOR SHALL RETURN THE FULL VALUE OF THE WORK TO THE OWNER. THE DETAILS OF THE FACILITY, SYSTEM, ETC. SHALL BE "AS REQUIRED" OR "AS NEEDED" OR AS DICTATED BY FIELD CONDITIONS, INSPECTOR'S REQUIREMENTS, ETC., AS SUCH DETAILS CANNOT BE PROVIDED AT THE TIME OF THE CONTRACT DOCUMENT PREPARATION BECAUSE SUCH DETAILS CAN ONLY BE DETERMINED OR BEST BE DETERMINED BY THE INSTALLING CONTRACTOR IN CONSULTATION WITH AND WITH THE APPROVAL OF THE OWNER AND/OR ENGINEER AT THE TIME OF FINAL INSTALLATION.

C. DIMENSIONS:

1. DIMENSIONS ARE INDICATED TO THE CENTERLINE OF THE STRUCTURAL GRID, FACE OF CONCRETE WALL, NOMINAL FACE OF CMU WALL, FACE OF PARTITION TYPE AS SCHEDULED, UNLESS OTHERWISE NOTED.
2. ALIGNMENT OF PARTITIONS AND FINISHES AS SCHEDULED SHALL BE STRAIGHT, TRUE & PLUMB. THE PRIORITY FOR PROJECT DIMENSIONS SHALL BE IN THE FOLLOWING ORDER:
 - A. MINIMUM DIMENSIONS FOR ACCESSIBILITY CLEARANCE & BUILDING CODE REQUIREMENTS
 - B. LARGE SCALE DETAILS
 - C. SMALL SCALE DETAILS
 - D. ENLARGED VIEWS
 - E. FLOOR PLANS AND ELEVATIONS
3. FLOOR ELEVATIONS ARE INDICATED TO THE FACE OF THE STRUCTURAL SLAB, UNLESS OTHERWISE NOTED.
4. VERTICAL DIMENSIONS ARE INDICATED FROM THE FLOOR ELEVATION TO FACE OF FINISHED MATERIAL AT THE DIMENSION POINT, UNLESS NOTED ABOVE FINISH FLOOR "AFF".
5. CEILING HEIGHTS ARE INDICATED FROM THE FLOOR ELEVATION TO THE FACE OF SUSPENDED CEILING SYSTEM OR FACE OF FINISH MATERIAL AS SCHEDULED.
6. DIMENSIONS SHOWN ON THE DRAWINGS SHALL INDICATE THE REQUIRED SIZE, CLEARANCE, AND DIMENSIONAL RELATIONSHIP BETWEEN PROJECT SYSTEMS AND COMPONENTS. DIMENSIONS SHALL NOT BE DETERMINED BY SCALING THE DRAWINGS.

D. DRAWING SET ORGANIZATION:

1. EACH DRAWING SET SHEET IS IDENTIFIED BY THE SHEET NUMBER IN THE LOWER RIGHT HAND CORNER OF THE DRAWING TITLE BLOCK. THE SHEET TITLE PROVIDES A GENERAL DESCRIPTION OF THE CONTENTS OF THE SHEET.

SHEET NUMBER EXAMPLE: AS201
"A" INDICATES THE DISCIPLINE THAT CREATED THE DRAWING (EX: ARCHITECTURE)
"2" INDICATES THE SUB-CATEGORY OF THE DRAWING (EX: SITE)
"1" INDICATES THE DRAWING CATEGORY CONTAINED ON THE SHEET (EX: FLOOR PLAN)
"01" INDICATES THE SHEET NUMBER

SEE SHEET NAMING COMPONENTS TABLE ON THIS SHEET FOR MORE INFORMATION

2. DRAWING SET INDEX INDICATES THE COMPLETE LIST OF SHEETS CONTAINED IN THE DRAWING SET, INDEXED BY DISCIPLINE, SHEET NUMBER AND SHEET TITLE, IN SEQUENTIAL ORDER. NOTE THAT NOT ALL SEQUENTIAL SHEET NUMBERS CAN BE USED IN THE DRAWING SET.
3. DRAWING CATEGORY IDENTIFICATION REFER TO THE DRAWING SET INDEX FOR DISCIPLINES, CATEGORIES, AND SHEET NUMBERS CONTAINED IN THIS DRAWING SET

E. SUPPLEMENTAL REPORTS:

1. CONTRACTOR TO REVIEW "GEOTECHNICAL INVESTIGATION, NEUROCOGNITIVE RESEARCH BUILDING, VETERANS AFFAIRS MEDICAL CENTER, MARTINEZ, CALIFORNIA" BY LANGAN TREADWELL ROLLO, 24 SEPTEMBER 2014 AND "SUPPLEMENTAL GEOTECHNICAL RECOMMENDATIONS, NEW PARKING LOT, VETERANS AFFAIRS MEDICAL CENTER, MARTINEZ, CA" BY LANGAN TREADWELL ROLLO, 4 DECEMBER 2014.
2. ENVIRONMENTAL INVESTIGATION, REPORT OF LIMITED HAZARDOUS MATERIAL SURVEY OF R-4 BUILDING BY GHD, INC. MARCH 13, 2014.
3. ENVIRONMENTAL INVESTIGATION REPORT FOR LIMITED PHASE I SOIL INVESTIGATION BY GHD, INC. MAY 2014.

PROJECT DIRECTORY

ARCHITECT	CIVIL ENGINEER
POLYTECH ASSOCIATES INC. 235 PINE STREET, 17TH FLOOR SAN FRANCISCO, CA 94104 TEL (415) 397-3117 FAX (415) 397-1517	BKF ENGINEERS 380 17TH STREET, SUITE 1770 SACRAMENTO, CA 95814 TEL (916) 556-5851 FAX (916) 556-5859
LANDSCAPE ARCHITECT	STRUCTURAL ENGINEER
RHAA 225 MILLER AVE MILL VALLEY, CA 94041 TEL (415) 383-7300	DEGENKOLB ENGINEERS 235 MONTGOMERY STREET, SUITE 500 SAN FRANCISCO, CA 94104 TEL (415) 392-6952 FAX (415) 544-0782
MECHANICAL, PLUMBING, ELECTRICAL ENGINEER	TELECOM, SECURITY & FIRE ALARM CONSULTANT
MAZZETTI 220 MONTGOMERY STREET, SUITE 650 SAN FRANCISCO, CA 94104 TEL (415) 362-3266	GUIDEPOST SOLUTIONS 388 17TH STREET, SUITE 230 OAKLAND, CA 94612 TEL (510) 268-8373
GRAPHIC DESIGNER	BLAST PROTECTION CONSULTANT
KATE KEATING ASSOCIATES, INC. 106 SAN JUAN STREET, SUITE 202 SAN FRANCISCO, CA 94111 TEL (415) 773-1000 FAX (415) 773-1008	ARUP 225 MISSION STREET, SUITE 700 SAN FRANCISCO, CA 94105 TEL (415) 957-8445 FAX (415) 957-8626
GEOTECHNICAL ENGINEER	ESTIMATOR
TREADWELL & ROLLO 801 14TH STREET, 3RD FLOOR SAN FRANCISCO, CA 94112 TEL (510) 874-7000 FAX (510) 874-7001	TBD CONSULTANTS 111 PINE STREET, SUITE 1315 OAKLAND, CA 94612 TEL (415) 981-8431 FAX (415) 981-8434
SPECIFICATION WRITER	ENVIRONMENTAL CONSULTANT
EMILY BORLAND SPECIFICATIONS, INC. 380 CAMPBELL AVE SAN FRANCISCO, CA 94134 TEL (415) 971-4222	GHD 225 MERCURY WAY, SUITE 150 SANTA ROSA, CA 95407 TEL (707) 523-1010 FAX (707) 527-8678

SCOPE OF WORK

NEUROCOG TBI RESEARCH BUILDING CONSTRUCTION OF A NEW TWO STORY 12,500 SF NEUROCOG/TBI PHYSICAL REHAB RESEARCH BUILDING, INCLUDING SITE WORK, RELOCATION AND/OR ABANDONMENT OF EXISTING UTILITIES, AND NEW LANDSCAPING.
BUILDING R4 DEMOLITION DEMOLITION OF EXISTING BUILDING R4 AND SURROUNDING SITE ELEMENTS, INCLUDING, BUT NOT LIMITED TO: <ul style="list-style-type: none">- ROOF- INTERIOR AND EXTERIOR WALLS- FLOORS AND CEILINGS- FOUNDATIONS- CASEWORK- MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS & EQUIPMENT- ALL NEW AND USABLE MECHANICAL EQUIPMENT WITHIN R4 SHALL BE SALVAGED FOR VA USE- ARCADE WALKWAY- STAIRS, RAMPS, CONCRETE WALKWAYS AND HANDRAILS, AS INDICATED IN THE DRAWINGS ALL (E) FURNITURE AND EQUIPMENT WITHIN BUILDING R4 SHALL BE REMOVED BY THE VA PRIOR TO START OF DEMOLITION WORK.
EXISTING UTILITIES SERVING BUILDING R4 SHALL BE CAPPED AND ABANDONED IN PLACE.
SITE SHALL BE PREPARED FOR THE CONSTRUCTION OF A NEW PARKING LOT, ONCE DEMOLITION WORK IS COMPLETE.
NEW PARKING AREA CONSTRUCTION OF A NEW 25 SPACE PARKING LOT, LOCATED ON THE FORMER SITE OF DEMOLISHED BUILDING R4 AND ADJACENT TO THE NEW NEUROCOG TBI RESEARCH BUILDING. SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO, GRADING, PAVING, STRIPING AND SITE LIGHTING.

BUILDING SUMMARY - BUILDING R-4

BUILDING DESCRIPTION	
GROSS BUILDING AREA:	7,920 SF
CONSTRUCTION TYPE:	V-A
OCCUPANCY CLASSIFICATION:	B (BUSINESS)
- EXISTING BUILDING R-4 TO BE DEMOLISHED PER THE SCOPE OF WORK	

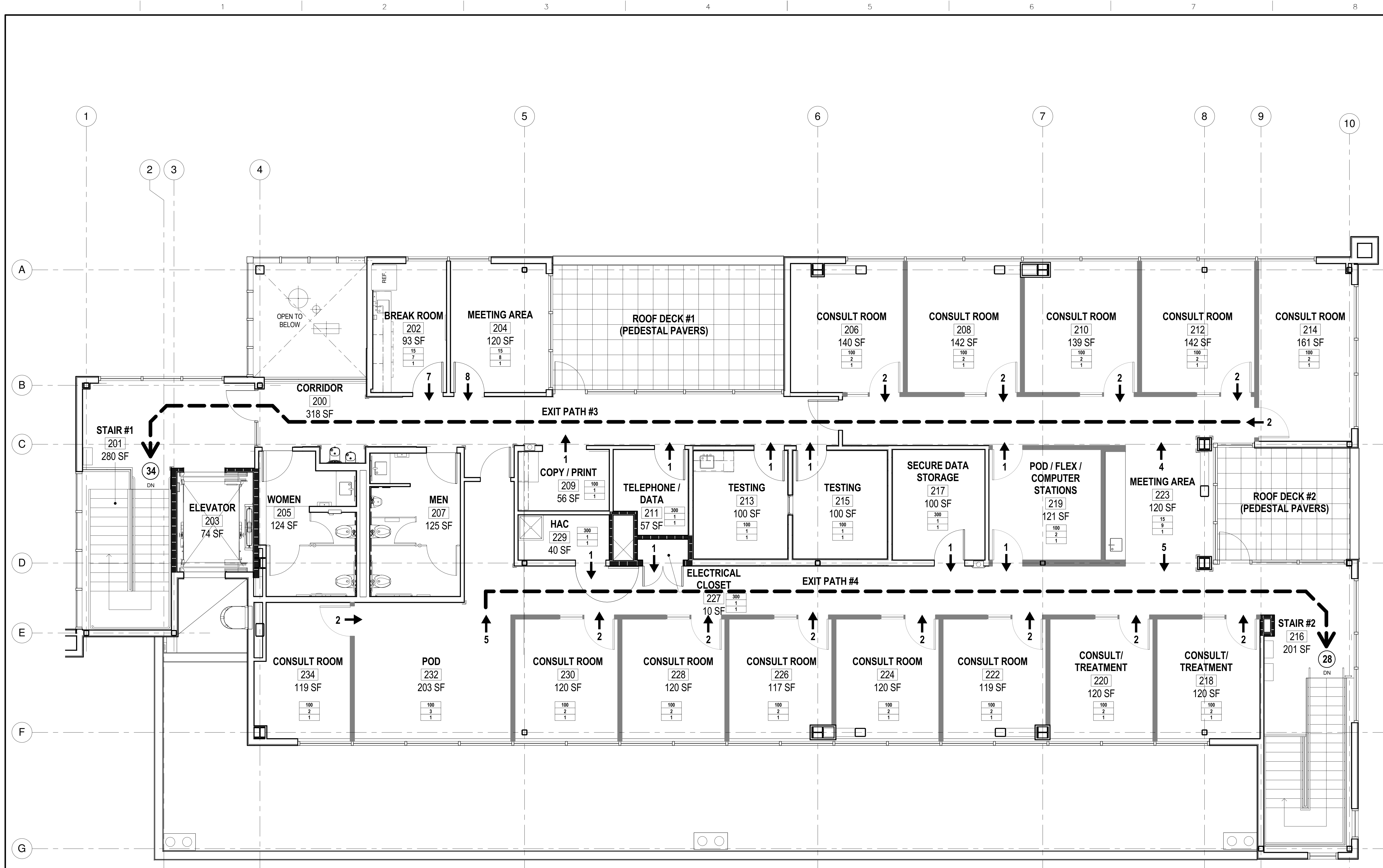
NEW PARKING LOT SUMMARY

DESCRIPTION	
GROSS AREA:	9,250 SF
STANDARD STALLS:	24
ACCESSIBLE STALLS:	1
TOTAL STALLS:	25

GENERAL	PROJECT INFORMATION, GENERAL NOTES & SHEET INDEX
G1001	CODE ANALYSIS, DEDUCTIVE ALTERNATES SUMMARY, ABBREVIATIONS & SYMBOLS
G1002	FIRST FLOOR CODE/EXTING ANALYSIS - NEW TBI BUILDING
G1003	SECOND FLOOR CODE/EXTING ANALYSIS - NEW TBI BUILDING
G1005	ACCESSIBILITY DIAGRAMS
G1011	SITE PLAN - NEW TBI BUILDING
G1012	SITE PLAN - NEW PARKING LOT
G1013	PHASING DIAGRAMS
CIVIL	GENERAL NOTES
CS101	DEMOLITION PLAN
CS201	LAYOUT PLAN
CS301	GRADING PLAN
CS401	UTILITY PLAN
CS501	UTILITY PLAN
CS502	EROSION CONTROL PLAN
CS801	DETAILS
CS802	DETAILS
CS803	DETAILS
CS804	DETAILS
CS805	DETAILS
CS901	SUBDRAINAGE PLAN
LANDSCAPE	
LS101	LANDSCAPE CONSTRUCTION PLAN
LS102	LANDSCAPE SITE SECTION
LS103	LANDSCAPE CONSTRUCTION DETAILS
LS104	LANDSCAPE CONSTRUCTION DETAILS
LS105	LANDSCAPE IRRIGATION PLAN
LS106	LANDSCAPE IRRIGATION DETAILS
LS107	LANDSCAPE IRRIGATION DETAILS
LS108	LANDSCAPE IRRIGATION DETAILS
LS109	LANDSCAPE PLANTING PLAN
LS110	LANDSCAPE PLANTING DETAILS
LS111	LANDSCAPE DEDUCTIVE ALTERNATE PLANS
ARCHITECTURAL	
AD101	DEMOLITION ROOF PLAN - EXISTING BUILDING R-4
AD102	DEMOLITION FLOOR PLAN - EXISTING BUILDING R-4
AS001	FIRST FLOOR SLAB EDGE PLAN - NEW TBI BUILDING
AS002	SECOND FLOOR SLAB EDGE PLAN - NEW TBI BUILDING
AS101	FIRST FLOOR PLAN - NEW TBI BUILDING
AS102	SECOND FLOOR PLAN - NEW TBI BUILDING
AS102A	DEDUCTIVE ALTERNATE #13 - SECOND FLOOR PLAN - NEW TBI BUILDING
AS102B	DEDUCTIVE ALTERNATE #13A - SECOND FLOOR PLAN - NEW TBI BUILDING
AS102C	DEDUCTIVE ALTERNATE #14 - SECOND FLOOR PLAN - NEW TBI BUILDING
AS102D	DEDUCTIVE ALTERNATE #15 FLOOR AND REFLECTED CEILING PLANS - NEW TBI BUILDING
AS103	ROOF PLAN - NEW TBI BUILDING
AS103A	DEDUCTIVE ALTERNATE #16 ROOF PLAN - NEW TBI BUILDING
AS104	FIRST FLOOR REFLECTED CEILING PLAN - NEW TBI BUILDING
AS105	SECOND FLOOR REFLECTED CEILING PLAN - NEW TBI BUILDING
AS105A	DEDUCTIVE ALTERNATE #13 SECOND FLOOR REFLECTED CEILING PLAN - NEW TBI BUILDING
AS105B	DEDUCTIVE ALTERNATE #13A SECOND FLOOR REFLECTED CEILING PLAN - NEW TBI BUILDING
AS201	EXTERIOR ELEVATIONS - NEW TBI BUILDING
AS201A	DEDUCTIVE ALTERNATE #15 EXTERIOR ELEVATIONS AND CANOPY DETAILS - NEW TBI BUILDING
AS202	INTERIOR ELEVATIONS - FIRST FLOOR
AS203	INTERIOR ELEVATIONS - SECOND FLOOR
AS301	BUILDING SECTIONS - NEW TBI BUILDING
AS311	WALL SECTIONS
AS312	WALL SECTIONS
AS321	STAIR PLANS AND SECTIONS

AC	AIR CONDITION	CTG	COATING	GT	GROUT	NS	NARROW STYLE	SD	SHOP DRAWINGS, SMOKE DETECTOR, OR SOAP DISPENSER
AC	UNIT AIR CONDITIONING UNIT	CTR	CENTER CONTOUR	GUAR	GUARANTEE	NUM	NUMERAL	SDG	SIDING
AE	ARCHITECT/ENGINEER	CTN	CONTROL	GUTTER	GUTTER			SECT	SECTION
AA	AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION	CIV	CABLE TELEVISION	GYP	GYPSPUM	OO	OUT TO OUT	SEG	SEGMENT
AB	ANCHOR BOLT	CU	CUPPER C	GYP BD	GYPSPUM BOARD	O	OXYGEN	SEL	SELECT
ABC	AGGREGATE BASE COURSE	CU	FT CUBIC FT	GYP	PLUS GYPSPUM PLASTER	OA	OUTSIDE AIR OR OVERALL	SEP	SEPARATE
ACB	ASBESTOS CEMENT OR ASPHALTIC CONCRETE	CU	IN CUBIC INCH	H	H	OC	ON CENTER	SF	SQUARE FOOT (FEET)
ACI	AMERICAN CONCRETE INSTITUTE	CU	YD CUBIC YARD	H	H	OC	OCCUPY	SFTND	SOFTWOOD
ACS	DR ACCESS FLOOR	CURT	CURTAIN	H PLAM	HIGH PRESSURE PLASTIC LAMINATE	OCT	OCTAGON	SGD	SLIDING GLASS DOOR
ACS	FLR ACCESS FLOOR	CYL	CYLINDER	H PLAM	HAZARDOUS MATERIALS	OD	OUTSIDE DIAMETER OUTSIDEDIAMENSION	SGL	SINGLE
ACS	PNL ACCESS PANEL	CYL L	CYLINDER LOCK	HB	HOSE BIBB	OD	OUTSIDE DIAMENSION OUTSIDE DIAMETER	SHR	SHOWER
ACST	ACOUSTIC			HC	HOLLOW CORE	OFICI	OWNER FURNISHED/CONTRACTOR INSTALLED	SHR HD	SHOWER HEAD
ACT	ACOUSTICAL CEILING TILE	D	DEPTH OR PENNY (NAIL)	HCWD	HOLLOW CORE WOOD DOOR	OFD	OVERFLOW DRAIN	SHRD	SHOWER DRAIN
AD	ADA DRAM	D	LABEL CLASS D DOOR	HOB	HARDWARE	OFI	OFFICE	SHT	SHEET
ADA	AMERICANS WITH DISABILITIES ACT	DAT	DATUM	HNDR	HARDENER	OFIOI	OWNER FURNISHED/DOWNER INSTALLED	SHT MTL FLASH	SHEET METAL (FLASHING)
AD	AUTOMATIC DOOR CLOSER	DB	DECEIBEL	HNDR	HARDENER	OH	OVERHANG	SHMG	SHEDDING
ADL	ADDITIONAL	DOBLE	DOUBLE E	HNDR	HARDENER	OHDR	OVERHEAD COILING DOOR	SHV	SHEET METAL
ADDN	ADDITION	DBL	GLZ DOUBLE GLAZE	HDW	HARDWARE	OHDR	OPPOSITE HAND	SM	SIMILAR
ADH	ADHESIVE	DC	DIRECT CURRENT	HDWD	HARDWOOD	OPNG	OPENING	SMJ	SCORED JOINT
AJL	ADJACENT, ADJOINING, OR ADJUSTABLE	DEG	DEGREE	HEV	HIGH EFFICIENCY PARTICULATE AIR FILTER)	OPR	OPPOSITE	SS	STEEL JOIST INSTITUTE
ADMIN	ADMINISTRATION	DEL	DELETE	HEX	HEXAGON	OPR	OPERABLE	SK	SKETCH
ADM	ADMINISTRATIVE	DEM	DEMOLITION	HF	HIGH FREQUENCY	OPT	OPTIONAL	SKL	SKYLIGHT
ADP	ABOVE FINISHED BOTTOM	DEP	DEPTH	HGR	HANGER	OR	OPERATING ROOM OR OUTSIDE RADIUS	SLT WDW	STRUCTURAL SLIDING WINDOW
AFS	ABOVE FINISHED FLOOR	DET	DETAIL	HM	HOLLOW METAL	ORD	ORNDANCE OR OVERFLOW ROOF DRAIN	SLDG	SLIDING
AFS	ABOVE FINISHED GRADE	DF	DRAINING FOUNTAIN	HMD	HOLLOW METAL DOOR	ORG	ORIGINAL	SLAT	SLAT
AFS	ABOVE FINISHED SLAB	DIA	DIAMETER	HMD	HOLLOW METAL DOOR AND FRAME	ORG	ORIGINAL	SM	SHEET METAL
AGA	AMERICAN GAS ASSOCIATION	DIA	DIAGONAL DIAGRAM OR DIAGRAM DIAGONAL	HMF	HOLLOW METAL FRAME	ORN	ORNDANCE	SMK	SMOKE
AGG	AGGREGATE	DIFF	DIFFERENCE OR DIFFUSER	HMD	HOLLOW METAL DOOR	OSH	OSHA	SND	SANITARY NAPKIN DISPENSER
AGR	AUTHORITY HAVING JURISDICTION	DIM	DIMENSION	HMD	HOLLOW METAL DOOR	OUT	OUTLET	SND INS	SOUND INSULATION
AIR	AIR HANDLING UNIT	DIR	DIRECTION	HORIZ	HORIZONTAL	OUNC	OUNCE	SNDU	SANITARY NAPKIN DISPOSAL UNIT
AIR	AIR HANDLING UNIT	DISP	DISPENSER	HOSP	HOSPITAL			SPEC	SPECIFICATION
AIA	AMERICAN INSTITUTE OF ARCHITECTS	DISP	DISPENSER	HP	HORSEPOWER	PAR	PARALLEL OR PARAPET	SPCLR	SPRINKLER
AIA	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	DIV	DIVIDE OR DIVISION	HP	HORSEPOWER	PARA	PARAGRAPH	SPKR	SPEAKER
ALT	ALTERNATE	DL	DEAD LOAD	HS	HEADSTRENGTH (GLASS) OR HIGH STRENGTH	PART	PART	SPR	SUPPLY
ALT NO	ALTERNATE NUMBER	DOC	DOCUMENT	HSG	HIGH STRENGTH	PAT	PATENT	SQ	SQUARE
ALU	ALUMINUM	DOUG FIR	DOUGLAS FIR	HSGP	HIGH STRENGTH	PB	PUSHBUTTON	SO IN	SQUARE INCH
AMP	AMPERE	DZ	DOZEN	HST	HIGH STRENGTH	PB	PARTICLE BOARD	SO IN	SQUARE INCH
AMP	AMPERE	DR	DOOR, DRAM, DRESSING ROOM, OR DRIVE	HST	HIGH STRENGTH	PC	PIECE, POLYCARBONATE OR PORTLAND CEMENT	SS	SANITARY SEWER OR SERVICE SINK
AND	AMOUNT	DR CL	DOOR CLOSER	HVAC	HEATING, VENTILATING, AND AIR CONDITIONING	PCA	PORTLAND CEMENT ASSOCIATION	SS	STAINLESS STEEL
AND	AMOUNT	DR FR	DOOR FRAME	HVAC	HEATING, VENTILATING, AND AIR CONDITIONING	PCB	PRECAST CONCRETE	STC	SOUND TRANSMISSION CLASS
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	DR OPNG	DOOR OPENING	HW	HOT WATER	POCP	CONCRETE PAVEMENT	STD	STANDARD
ANT	ANTENNA	DOWNPOUT	DOWNPOUT	HYD	HYDRAULIC	POD	PAPER OR PLASTER	STD	STANDARD
APA	AMERICAN PLYWOOD ASSOCIATION	DWN	DOWN	HYD	HYDRAULIC	POD	PAPER OR PLASTER	STD	STANDARD
APP	APPROVED	DSH	DISHWASHER	I	INTERSTATE (HIGHWAY) OR MOMENT OF INERTIA	POD	PORTLAND CEMENT PLASTER	STF	STEEL FIBER
APPROX	APPROXIMATE	DWG	DRAWING	I	INTERSTATE (HIGHWAY) OR MOMENT OF INERTIA	POD	PORTLAND CEMENT PLASTER	STL JST	STEEL JOIST
APT	APARTMENT	DWTR	DUMBWATER	IAQ	INDOOR AIR QUALITY	PEN	PENETRATE	STL JST	STEEL JOIST
AS	AS REQUIRED	E	EAST	IB	INTERNATIONAL BUILDING CODE	PEND	PENDANT	STL RF DK	STEEL ROOF DECK
ARCH	ARCHITECT	E	EAST	IC	IDENTIFICATION, INSIDE DIAMETER, OR INTERIOR DESIGN	PEN	PENETRATE	STL TB	STEEL TRUSS
ASB	ASBESTOS	EA	EACH	ID	NO IDENTIFICATION NUMBER	PERM	PERMITTER	STL TB	STEEL TRUSS
ASB	ARCHITECT'S SUPPLEMENTAL INSTRUCTION	EFF	EFFICIENCY	ILLUM	ILLUMINATION	PERP	PERPENDICULAR	STNS</	

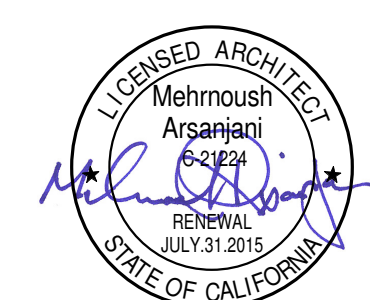
[illegible] Department of Veterans Affairs



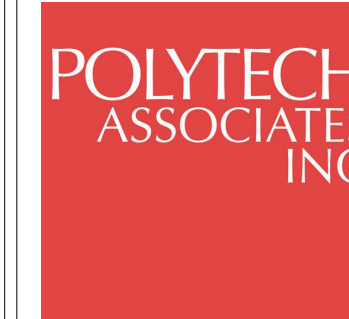
1 SECOND FLOOR CODE/EXITING ANALYSIS
1/4" = 1'-0"

[illegible]

CONSULTANTS:



ARCHITECT



POLYTECH ASSOCIATES INC.
235 Pine Street, 17th Floor
San Francisco, CA 94104
TEL (415) 397-3117
FAX (415) 397-1517

Drawing Title	SECOND FLOOR CODE/EXITING ANALYSIS - NEW TBI BUILDING
----------------------	---

Approved: Project Director

Project Title	NEUROCOG TBI RESEARCH BUILDING / BUILDING R4 DEMOLITION / NEW PARKING LOT
----------------------	--

Location	150 MUIR ROAD, MARTINEZ, CA 94553

Checked	Drawn
DW	CS

Project Number
612-125

Building Number

	Drawing Number

GI004

Office of
Construction
and Facilities
Management



SHEET NOTES

1. THE ANALYSIS ON THIS SHEET IS PER THE 2012 INTERNATIONAL BUILDING CODE.
SEE SHEET G1002 FOR BUILDING CODE ANALYSIS.

KEY NOTES

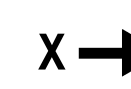
LEGEND



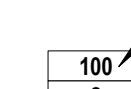
EXIT PATH OF TRAVEL



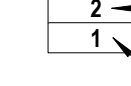
CUMULATIVE NUMBER OF OCCUPANTS EXITING THROUGH
STAIR AND EXTERIOR EXIT DOOR



NUMBER OF OCCUPANTS EXITING THROUGH DOOR.



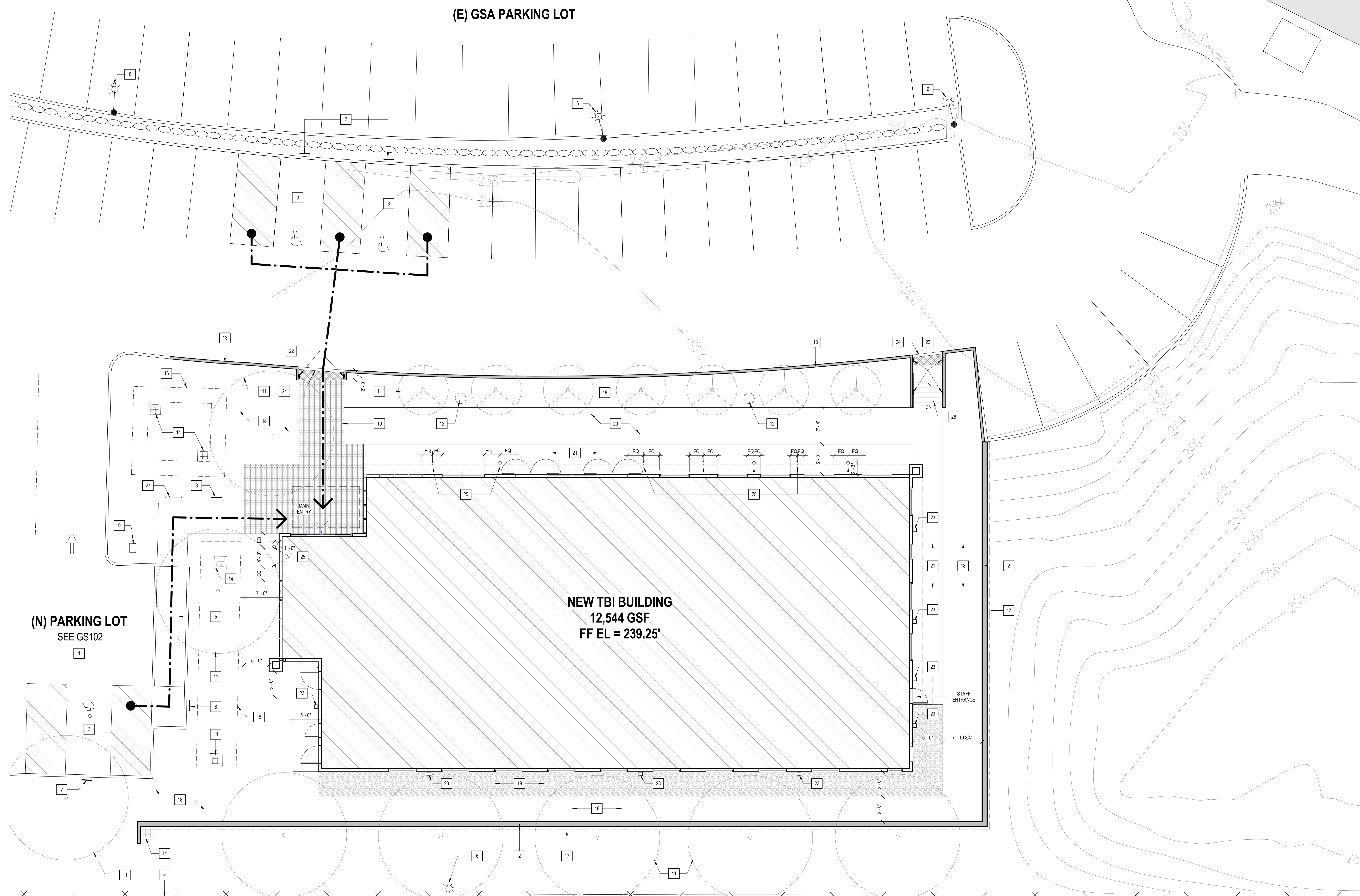
OCCUPANT LOAD FACTOR (IBC TABLE 1004.1.2)



NUMBER OF EXITS REQUIRED (IBC TABLE 1015.1)
FOR B OCCUPANCY, 1 EXIT FOR UP TO 49 OCCUPANTS

OFFICE DEMOUNTABLE WALLS, DOORS AND WINDOWS
TO BE PROVIDED AND INSTALLED BY VA, SEE SHEET AI102

**100% CONSTRUCTION DOCUMENT SUBMISSION
APRIL 20, 2015**



1 SITE PLAN
1/8" = 1'-0"

[illegible]

CONSULTANTS:



ARCHITECT



POLYTECH ASSOCIATES INC.
235 Pine Street, 17th Floor
San Francisco, CA 94104
TEL (415) 397-3117
FAX (415) 397-1517

Drawing Title	SITE PLAN - NEW TBI BUILDING
----------------------	------------------------------

Approved: Project Director

Project Title	NEUROCOG TBI RESEARCH BUILDING / BUILDING R4 DEMOLITION / NEW PARKING LOT
----------------------	--

Location	150 MUIR ROAD, MARTINEZ, CA 94553
----------	-----------------------------------

Date
04/20/2015

	Checked DW
--	---------------

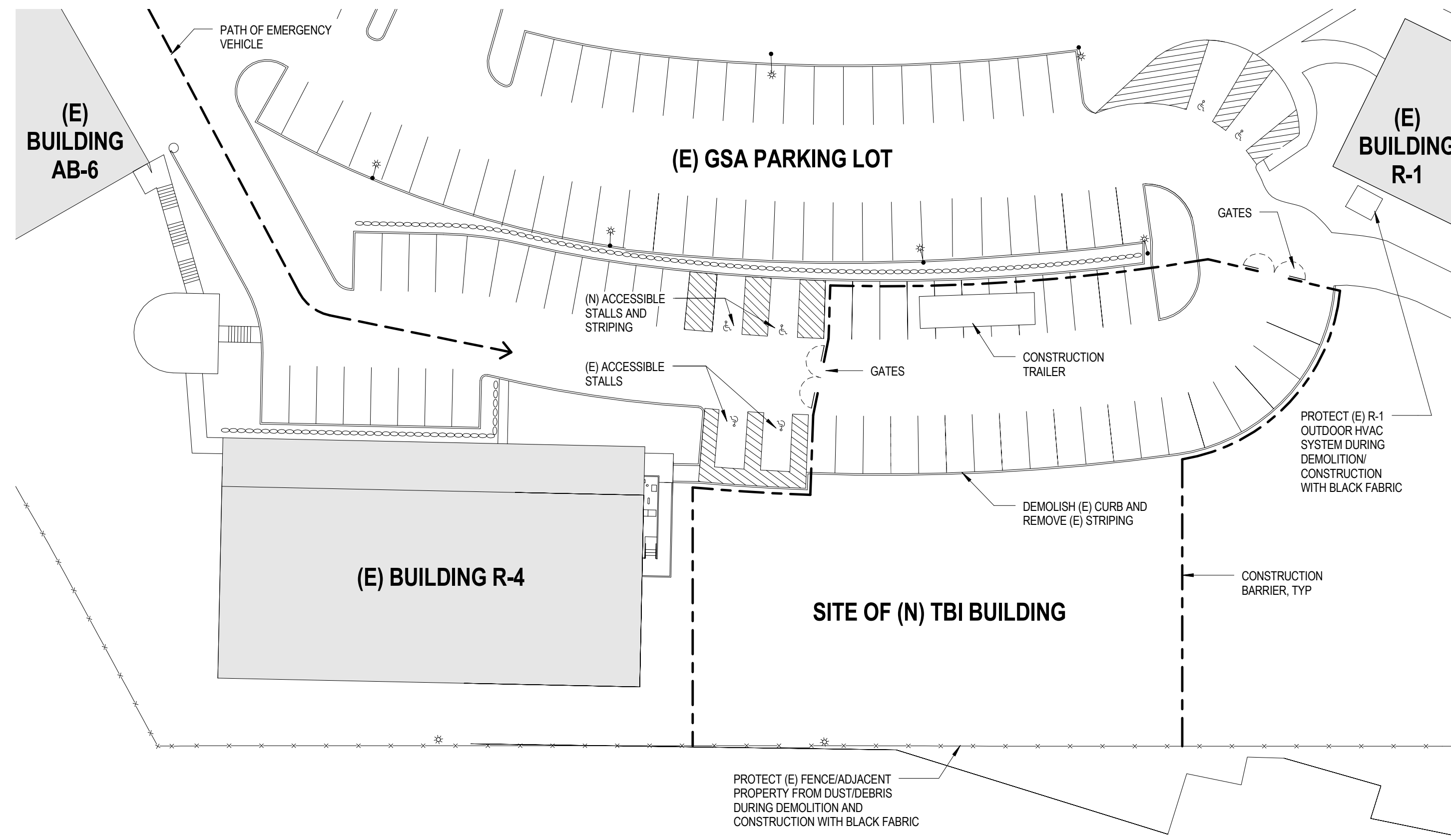
Drawn	CS
-------	----

Drawing Number

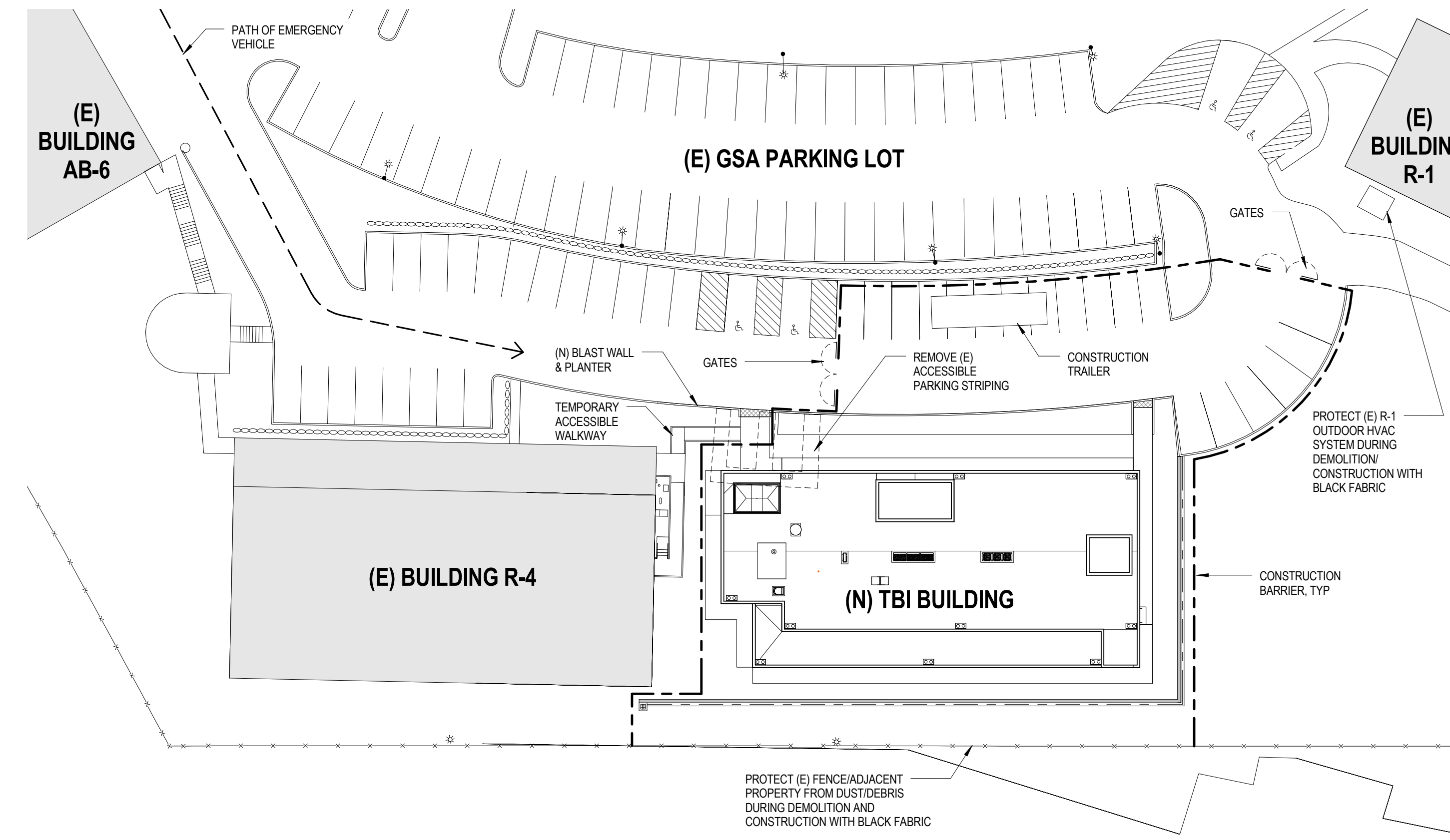
GS101

Office of
Construction
and Facilities
Management





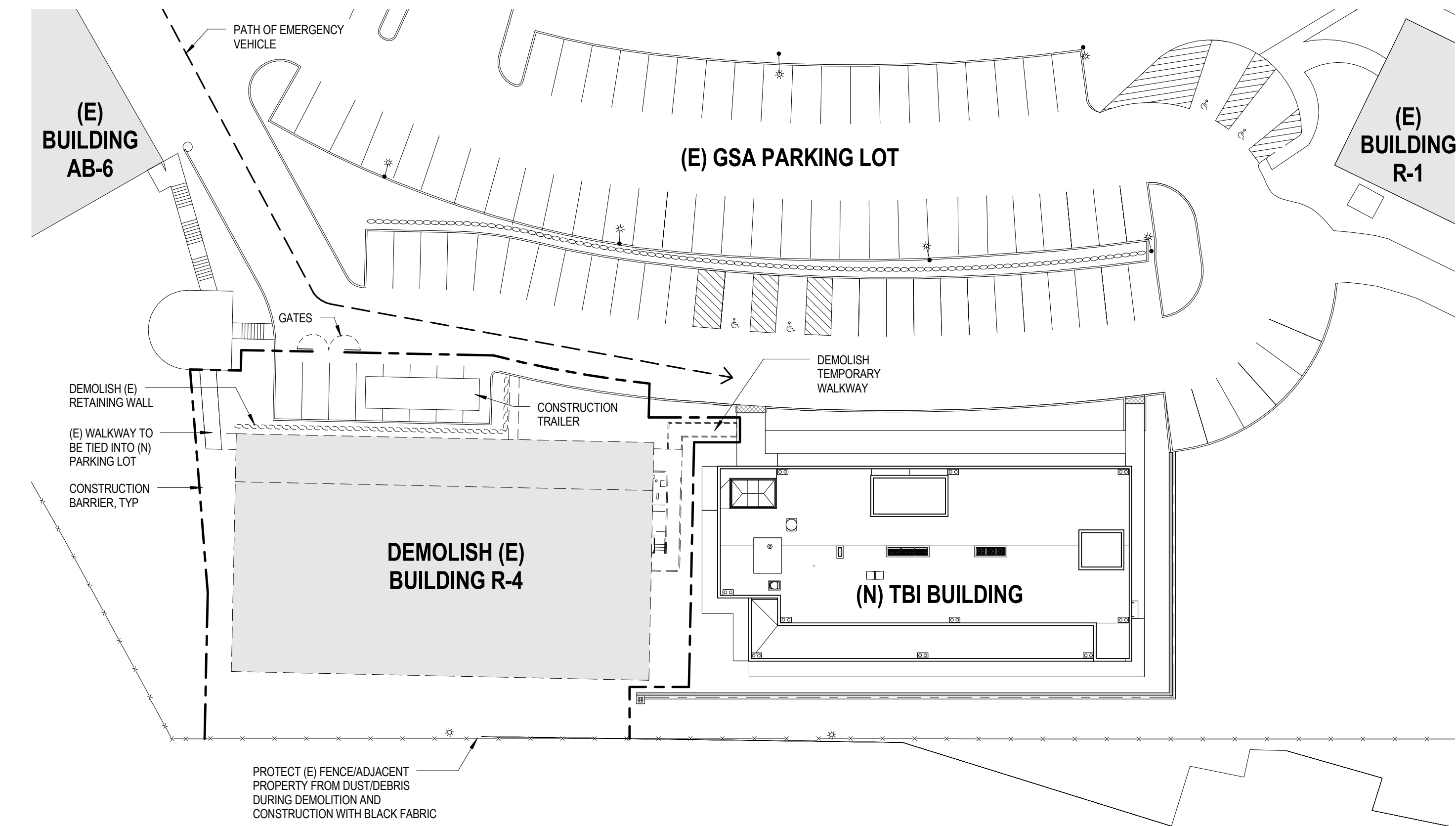
- PHASE ONE
SITE PREPARATION**
1. SECURE SITE WITH CONSTRUCTION BARRICADE WITH CONSTRUCTION ACCESS GATE. SET UP CONSTRUCTION TRAILER.
 2. DEMOLISH EXISTING CURBS AND REMOVE EXISTING STANDARD PARKING STRIPING. EXISTING ACCESSIBLE PARKING STALLS TO REMAIN.
 3. EXCAVATE EXISTING HILL SITE FOR NEW TBI BUILDING FOUNDATION.
 4. CONSTRUCT SITE UTILITY LINES PER CIVIL DRAWINGS. COORDINATE WORK AND SAFETY OUTSIDE OF CONSTRUCTION BARRIER. SEE CS501 AND CS502.
 5. STRIPE NEW ACCESSIBLE PARKING STALLS



- PHASE TWO
CONSTRUCT TBI BUILDING**
1. REMOVE EXISTING ACCESSIBLE PARKING STRIPING AND DEMOLISH CURBS
 2. CONSTRUCT TEMPORARY ACCESSIBLE WALKWAY TO EXISTING BUILDING R-4
 3. CONSTRUCT NEW TWO STORY TBI BUILDING AND SITE WORK.
 4. REMOVE BARRICADES
 5. R-4 TENANTS RELOCATE TO NEW TBI BUILDING

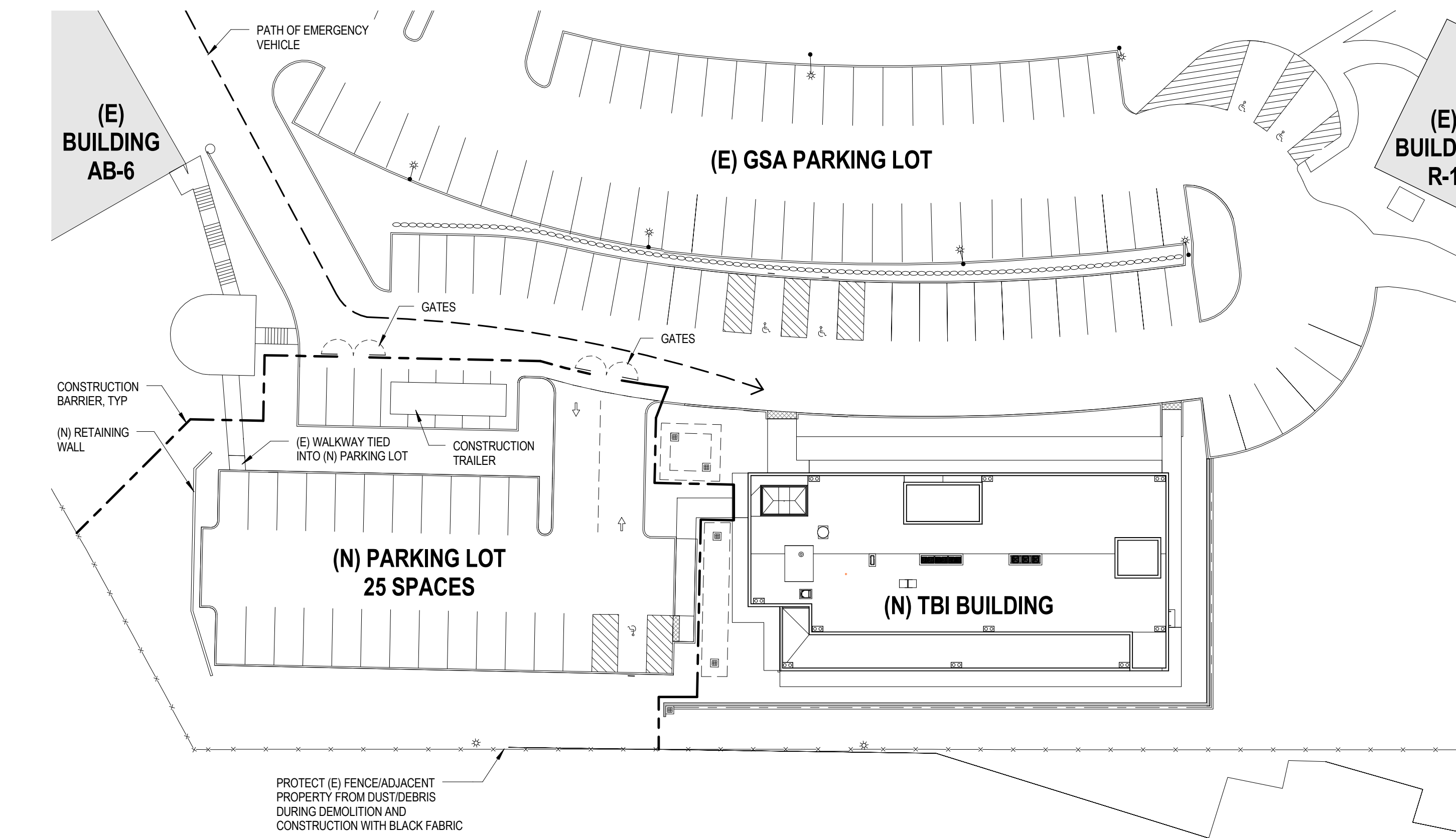
1 PHASE ONE - SITE PREPARATION
1" = 30'-0"

2 PHASE TWO - TBI BUILDING
1" = 30'-0"



- PHASE THREE
DEMOLISH BUILDING R-4**
1. SECURE SITE WITH CONSTRUCTION BARRICADE WITH CONSTRUCTION ACCESS GATES. SET UP CONSTRUCTION TRAILER.
 2. DEMOLISH EXISTING BUILDING R-4, FOUNDATION AND SITE ELEMENTS. CAP ALL UNUSED SITE UTILITIES. SEE SHEETS AD101 & AD102.
 3. DEMOLISH TEMPORARY ACCESSIBLE WALKWAY.
 4. PREPARE SITE FOR NEW PARKING LOT.

3 PHASE THREE - DEMOLISH R-4 BUILDING
1" = 30'-0"



- PHASE FOUR
NEW PARKING LOT**
1. BUILD CONCRETE RETAINING WALL AT WEST END OF SITE.
 2. PREPARE AND LEVEL SITE.
 3. PAVE PARKING LOT WITH ASPHALT/CONCRETE. ADD CONCRETE CURBS AND ACCESSIBLE WALKWAYS.
 4. STRIPE PARKING STALLS AND ADD SIGNAGE.
 5. INSTALL SITE LIGHTING.
 6. REMOVE (E) DUST/SOUND PROTECTION AND CONSTRUCTION BARRICADE. REPAIR ANY DAMAGE TO PARKING LOT AREA AND STRIPING, AS REQUIRED.

4 PHASE FOUR - NEW PARKING LOT
1" = 30'-0"

CONSULTANTS:

ARCHITECT

POLYTECH ASSOCIATES INC.
POLYTECH ASSOCIATES INC.
235 Pine Street, 17th Floor
San Francisco, CA 94104
TEL (415) 397-3117
FAX (415) 397-1517

Drawing Title
PHASING DIAGRAMS

Approved: Project Director

Project Title
NEUROCOG TBI RESEARCH BUILDING /
BUILDING R4 DEMOLITION / NEW PARKING LOT

Location
150 MUIR ROAD, MARTINEZ, CA 94553

Date
04/20/2015

Checked
DW

Drawn
CS

Project Number
612-125

Building Number

Drawing Number

GC101

Office of
Construction and Facilities
Management

Department of
Veterans Affairs