



CHINESE HOSPITAL

SAN FRANCISCO, CALIFORNIA

OSHPD # IS-072017 FACILITY NUMBER 14621

INCREMENT NO. 2

OSHPD & CCSF RE-SUBMITTAL - CIVIL

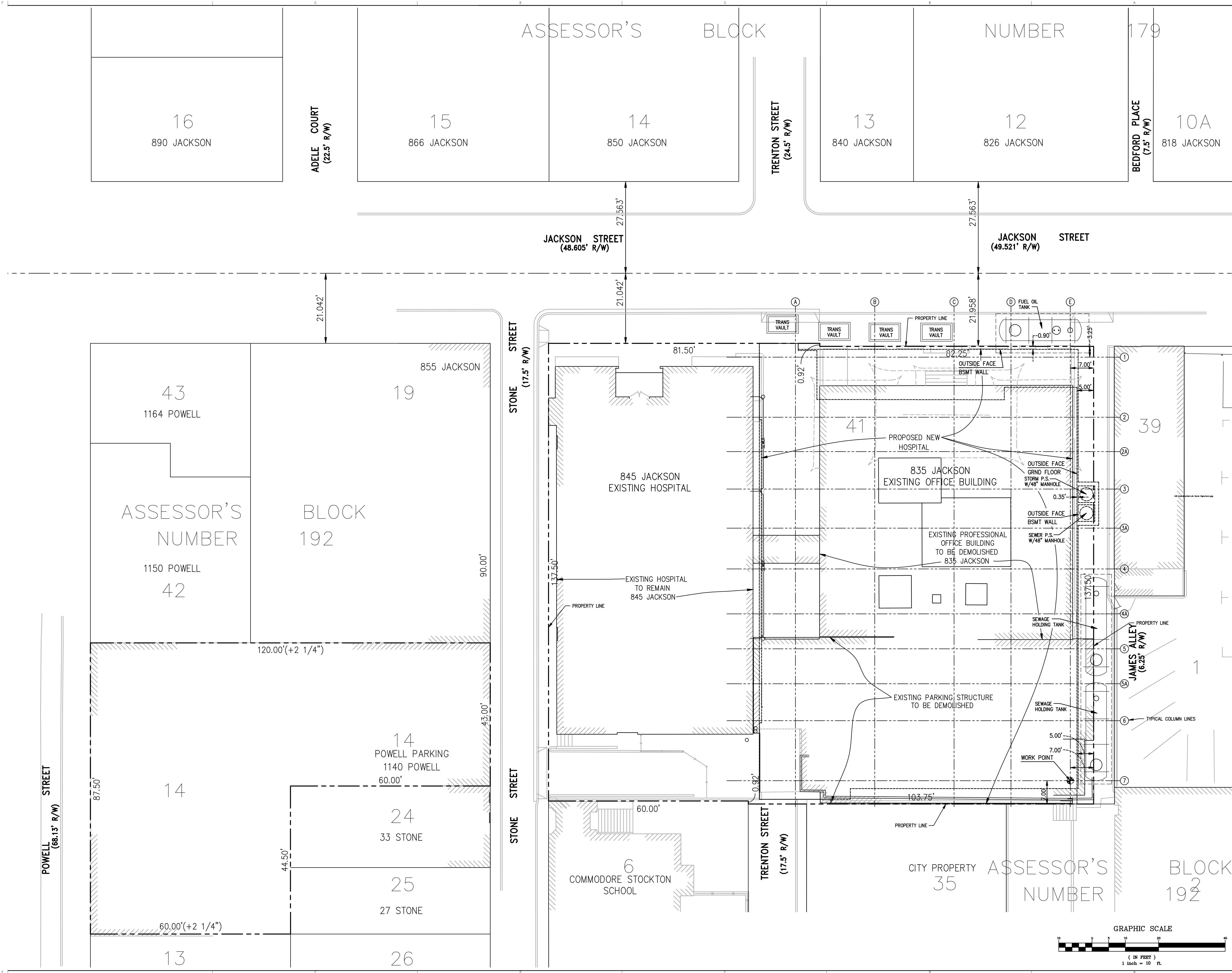
CIVIL WITH UTILITY CONNECTIONS


19 FEBRUARY 2013

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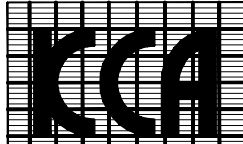
CHINESE HOSPITAL
845 JACKSON STREET
SAN FRANCISCO, CA

OSHPD # 18-072017
Facility Number 14621
NEW ACUTE CARE HOSPITAL & SKILLED NURSING UNIT

JACOBS
6688 North Central Expressway
Suite 400, MB13
Dallas, TX 75206
Phone: 214.424.7500

CONSULTANTS:
ARUP
MAZZETTI & ASSOCIATES
- F.W. ASSOCIATES, INC.
- SJ ENGINEERS

OWNER CONSULTANTS:
KCA ENGINEERS
SURE ENGINEERS
TREADWELL & ROLLO





KCA ENGINEERS INC.
CONSULTING CIVIL ENGINEERS
& LAND SURVEYORS
318 BRANNAN ST.
SAN FRANCISCO, CA 94107
(415) 546-7111 OFFICE
(415) 546-9472 FAX
KCA JOB NO. 5550

| Issued For | Rev. | Date |
|------------------------|------|----------|
| CITY SUBMITTAL | - | 09.17.10 |
| CITY RESUBMITTAL | - | 09.30.11 |
| OSHPD RESUBMITTAL | - | 10.15.12 |
| FOR REVIEW | - | 02.04.13 |
| OSHPD/CCSF RESUBMITTAL | - | 02.19.13 |

Seals and Signatures


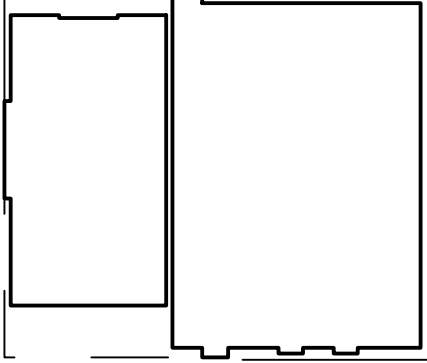
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Office of Statewide Health Planning and Development
FACILITIES DEVELOPMENT DIVISION


Key Plan


Drawing Title
BOUNDARY MAP & SITE PLAN

Project Number
024338

Drawing Number
C1.1

Print Date
10/01/10

GRAPHIC SCALE

(IN FEET)
1 Inch = 10 ft.



845 JACKSON STREET
SAN FRANCISCO, CA

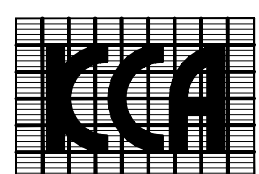
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ARUP
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- T.M. MAZZETTI, INC.
- S.J. ENGINEERS

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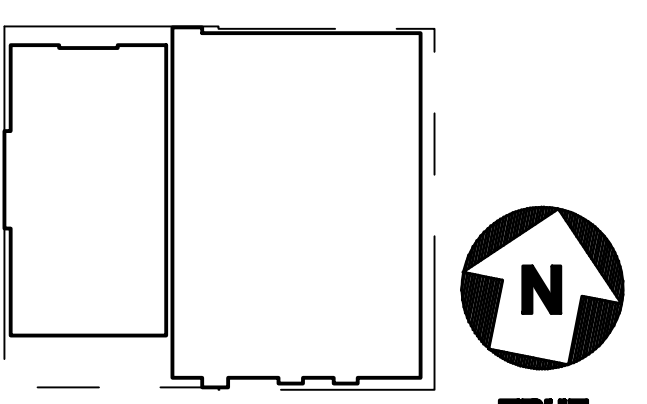
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Planning and Development
FACILITIES DEVELOPMENT DIVISION

Key Plan

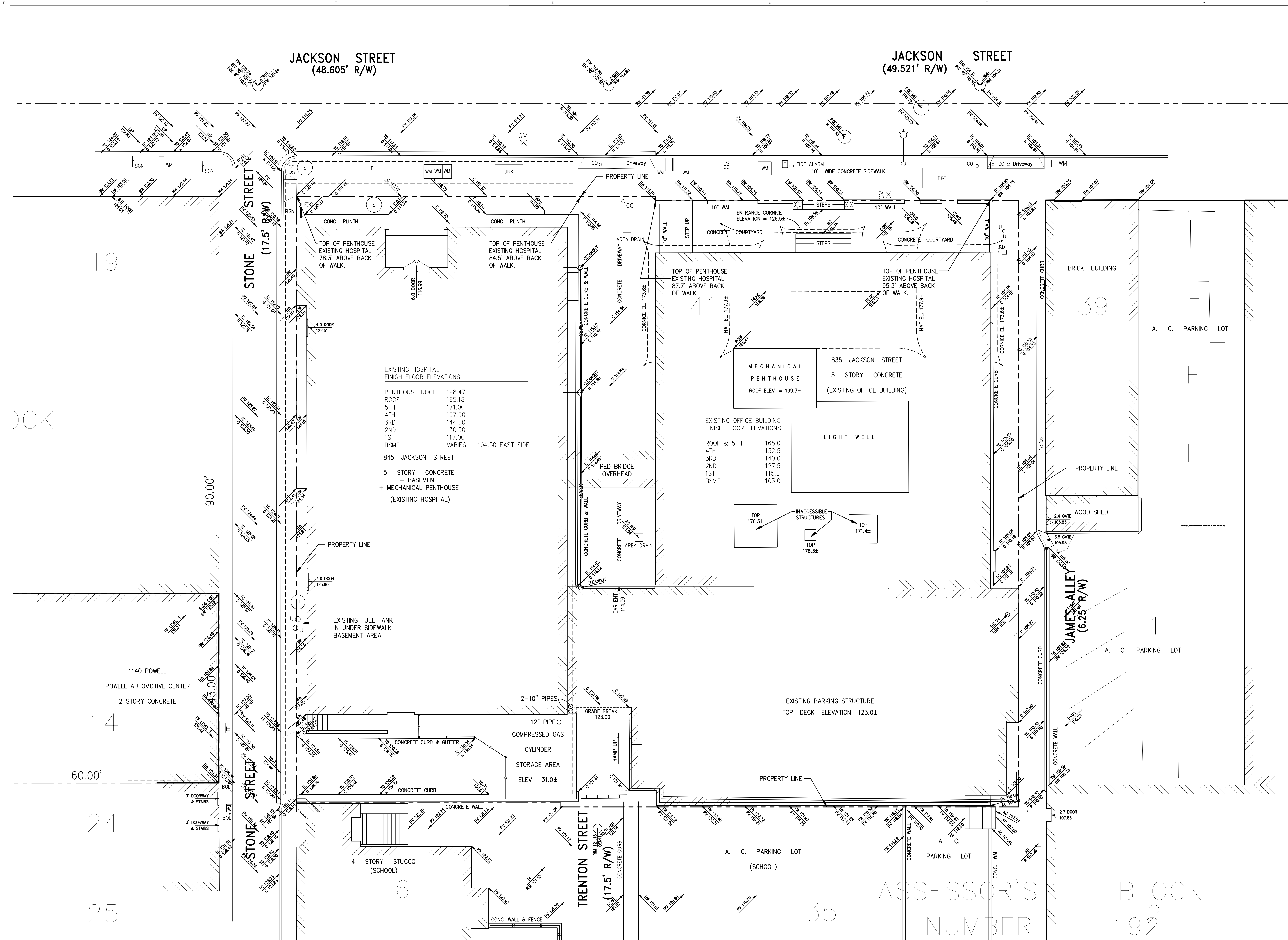


Drawing Title
TOPOGRAPHIC
SURVEY

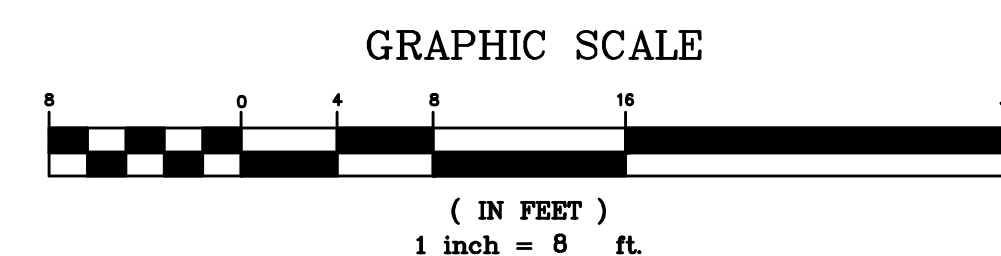
Project Number
024338

Drawing Number
C1.2

Print Date
10/01/10



NOTE:
ALL ELEVATIONS ARE ON CITY AND COUNTY OF
SAN FRANCISCO DATUM.





845 JACKSON STREET
SAN FRANCISCO, CA

OSHPD # 1S-072017

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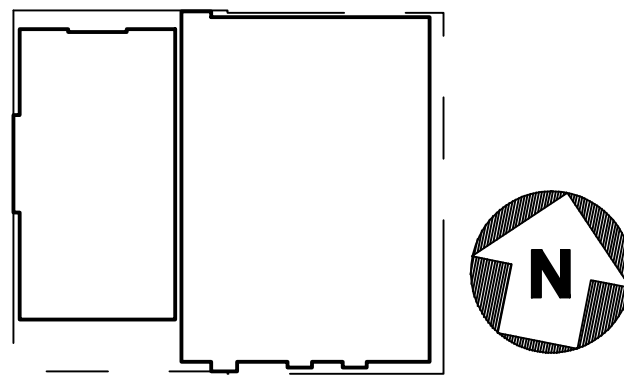
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Office of Statewide Health
Planning and Development
FACILITIES DEVELOPMENT DIVISION

Key Plan



Drawing Title

EXISTING HOSPITAL
BASEMENT
ELEVATIONS

Project Number

024338

Drawing Number

C1.3

Print Date

10/01/10

JACKSON STREET
(48.605' R/W)

STONE STREET
(17.5' R/W)

TRENTON STREET
(17.5' R/W)

JAMES ALLEY
(6.25' R/W)

845 JACKSON STREET
EXISTING HOSPITAL
BUILDING

835 JACKSON STREET
EXISTING MEDICAL
BUILDING

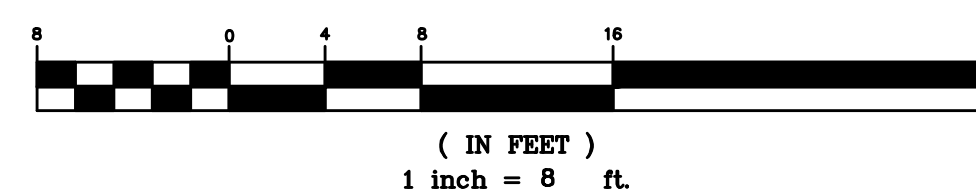
COMMODORE STOCKTON
SCHOOL

CITY PROPERTY

ASSESSOR'S
NUMBER

BLOCK
192

GRAPHIC SCALE



1 inch = 8 ft.



845 JACKSON STREET
SAN FRANCISCO, CA

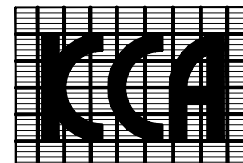
OSHDP # 18-072017
Facility Number 14621

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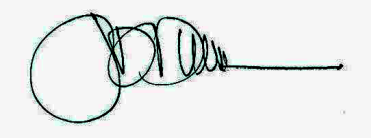
OWNER CONSULTANTS:
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SURE ENGINEERS
TREADWELL & ROLLO



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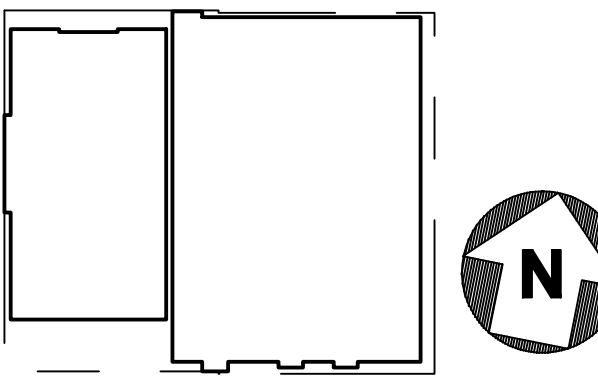


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Office of Statewide Health
Planning and Development
FACILITIES DEVELOPMENT DIVISION

Key Plan



Drawing Title

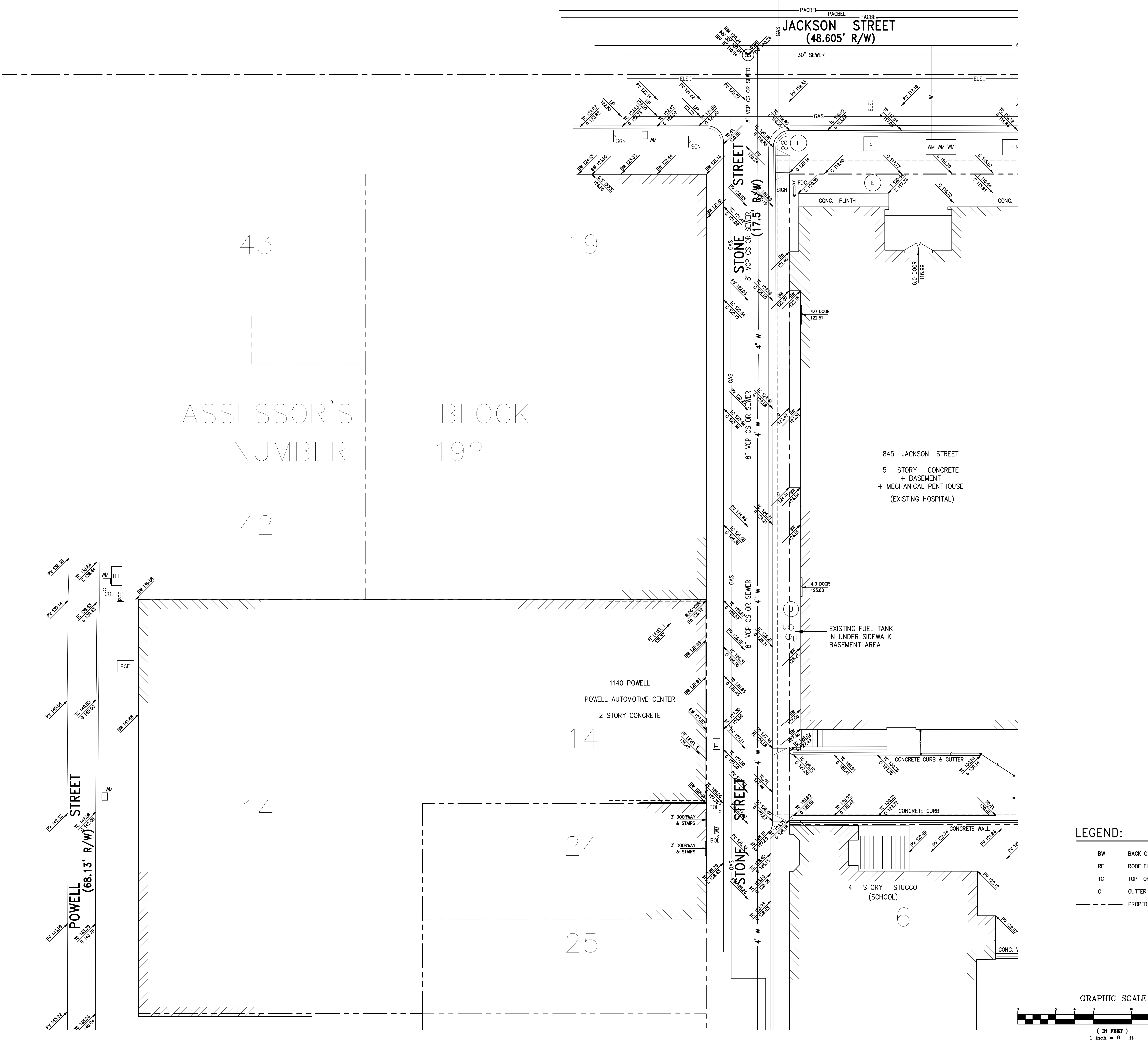
TOPOGRAPHIC
SURVEY
POWELL GARAGE

Project Number 024338

Drawing Number

C1.4

Print Date 10/01/10





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SAN FRANCISCO, CA

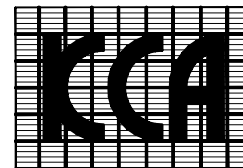
OSHPD # 18-072017
Facility Number 14621

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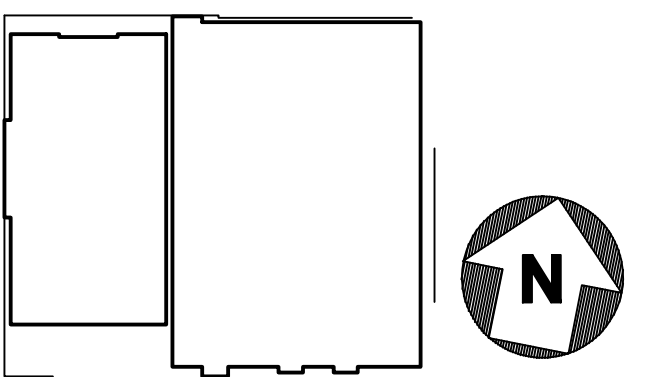
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Planning and Development
FACILITIES DEVELOPMENT DIVISION

Key Plan



Drawing Title

SURROUNDING
BUILDINGS
ELEVATION PLAN

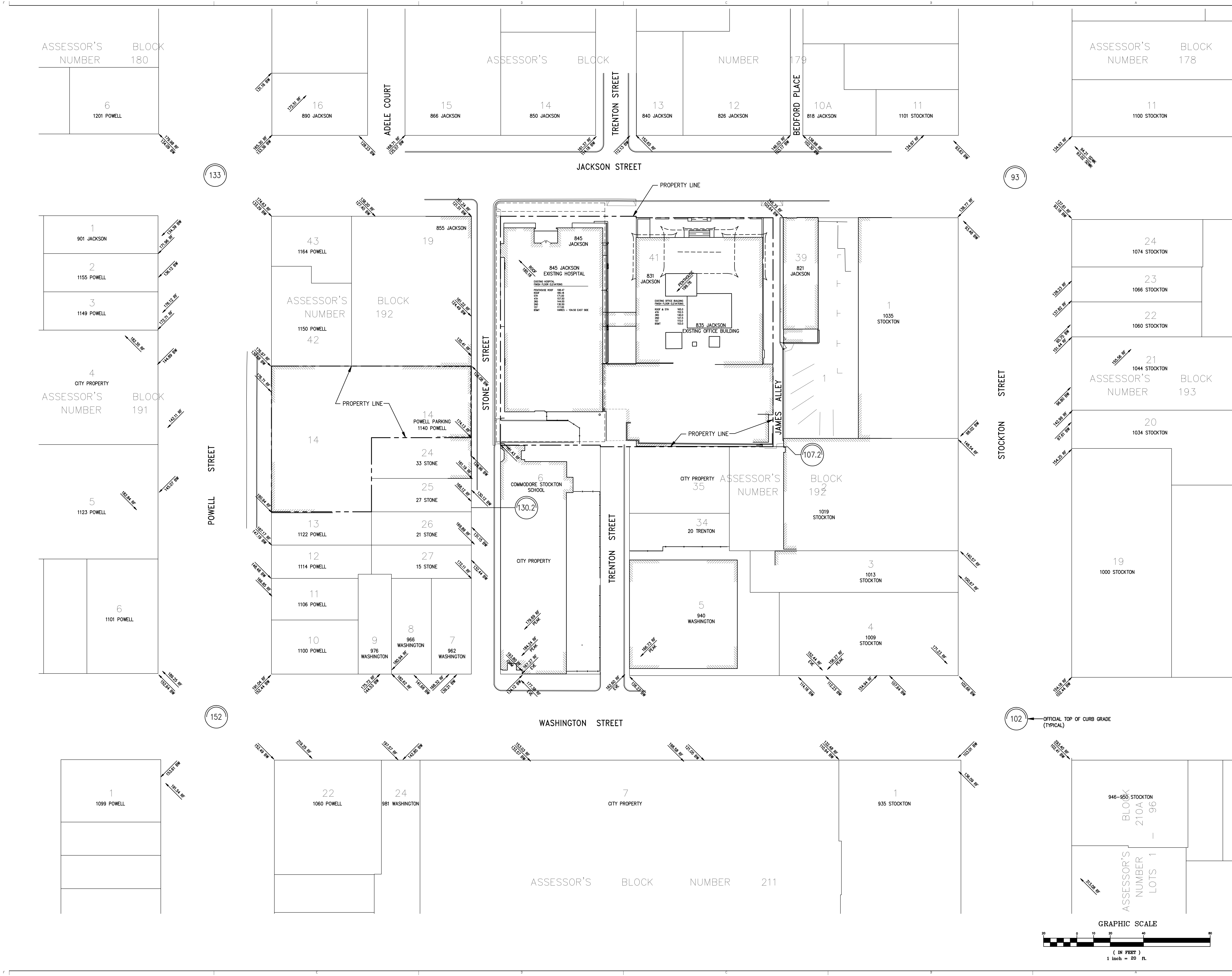
Project Number

Drawing Number

C1.5

Print Date

10/01/10





Office of Statewide Health Planning and Development

Facilities Development Division
1600 Ninth Street, Room 420
Sacramento, California 95814
(916) 424-3342
Fax (916) 424-2973
www.oshpd.ca.gov/fdd

October 29, 2007

John Gouchon
Treadwell And Rollo
555 Montgomery Street, Suite 1300
San Francisco, CA 94111

RE: Chinese Hospital - 14621
845 Jackson Street - San Francisco, CA 94133
Package 02 - SPC 3 Upgrade

Dear John Gouchon:

We have reviewed the abbreviated seismic evaluation reports submitted for the above facility and have found the structural portion of the seismic evaluation report is in compliance with the requirements of the CAC Part 1, Chapter 6. This letter constitutes an approval for the SPC seismic performance rating for the hospital building(s) noted below.

Building 01 Comprehensive Health Care Building SPC 3

If you need further information regarding SB 1953, you may visit our web site at www.oshpd.state.ca.us, or you may contact us through Nellie Forgett at (916) 654-3703.

Sincerely,

Patrick Rodgers
Hospital Seismic Retrofit Program

cc: Brenda Yee - CEO
File

State of California - Health and Human Services Agency
Arnold Schwarzenegger, Governor

STATE OF CALIFORNIA - HEALTH AND HUMAN SERVICES AGENCY
OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION
1600 9th Street, Room 420 - Sacramento, California 95814
1891 9th Street - Sacramento, California 95814
702 N. Alameda Street, Suite 2-005, Los Angeles, California 90012
Phone (916) 654-3362 FAX (916) 654-2973
Phone (916) 324-2032 FAX (916) 324-8148 (North and Central Regions)
Phone (213) 897-0162 FAX (213) 897-0165
www.oshpd.state.ca.us/fdd

HEALTH CARE FACILITY
LOCAL FIRE AUTHORITY FIRE SPRINKLER APPROVAL
2007 CALIFORNIA BUILDING STANDARDS CODE

HOSPITAL: Chinese Hospital
ADDRESS: 845 Jackson St.
San Francisco, CA
OSHDP PROJECT #: IS072017-38

The Office of Statewide Health Planning and Development (OSHDP) reviews fire sprinkler installations for compliance with the minimum requirements of NFPA Standard No. 13-2002 and NFPA Standard No. 24-2002. OSHDP does not review projects for compliance with local fire flow, hydrant spacing, connection and control valve configuration and location requirements.

Prior to final plan approval of the above-identified project, review and approval by the local fire authority, of the following requirements, is requested.

LOCAL FIRE AUTHORITY REQUIREMENTS:

- The location of the fire department connection is in accordance with NFPA 13, Section 8.16.2; NFPA 24, Section 6.9; 2007 California Building Code (CBC), Section 912; and 2007 California Fire Code (CFC), Section 912.
- The location and type of system control valve(s) are in accordance with NFPA 13, Section 8.15.1.1.1.
- Fire flow and hydrant spacing are in accordance with the requirements of NFPA 24, Sections 5.1.1 and 7.2.1 (new construction only).

LOCAL FIRE AND WATER AUTHORITY REQUIREMENTS:

- The installation, location and configuration of the cross-connection control device (detector check) are in accordance with the requirements of NFPA 13, Sections 8.15.1.3 and 8.15.1.4.1 and the requirements of the jurisdiction responsible for enforcement of Title 17, California Code of Regulations, Sections 7583 through 7605.

LOCAL FIRE AUTHORITY APPROVAL:

The fire flow, hydrant spacing, fire department connection location, and type and location of control valves are in accordance with the requirements of this statutory fire authority.

Fire Authority: San Francisco Fire Dept.
Address: 1600 Mission St.
San Francisco, CA 94103
Phone: 415.558.6174
Authorized Fire Authority Representative: [Signature]
Date: 8/12 Title: Captain
Page 1 of 2

LOCAL FIRE AUTHORITY APPROVAL

SAN FRANCISCO FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION/PLAN CHECK DIVISION
1600 Mission Street
San Francisco, CA 94103
Contact: Inspector Lerma (415) 558-6077 Fax (415) 558-6560

REQUEST FOR WATER FLOW INFORMATION

DATE: 3/25/08
REQUESTED BY: KCA Engineers ADDRESS: 318 Brannan St., SF
CONTACT PERSON: Ken Little EMAIL: kenlittle@kcaengineers.com
PHONE NO. (415) 546-7111 FAX NO. (415) 546-9472
OWNER'S NAME/PHONE # Wayne Hu 415-986-1372

ADDRESS FOR WATER FLOW INFORMATION: PROVIDE SKETCH HERE:

835 Jackson St.

CROSS STREETS (BOTH ARE REQUIRED):

Powell St., Stockton St.

SPECIFY STREET FOR POINT OF CONNECTION: Jackson St.

OCCUPANCY (CIRCLE ONE): R3 R1 LIVE/WORK COMMERCIAL OTHER Hospital
HAZARD CLASSIFICATION: LIGHT (ORD) ORD 2 EXT 1 EXT 2 OTHER
NUMBER OF STORIES: 6 HEIGHT OF BLDG.: 72 ft.

- SUBMIT FORM WITH A \$45.00 CHECK MADE TO "S.F.F.D."
- REQUESTS REQUIRING A FIELD FLOW TEST WILL BE NOTIFIED BY FAX AND WILL REQUIRE AN ADDITIONAL \$180.00 FEE.
- WATER FLOW INFORMATION WILL BE RETURNED VIA FAX OR MAIL.
- INCOMPLETE FORMS WILL NOT BE PROCESSED.
- ALLOW 7-14 WORKING DAYS FOR PROCESSING.

FLOW DATA PROVIDED BY: B. Baller DATE FORWARDED: 4/1/08
FLOW DATA: FIELD FLOW TEST STATIC 58 PSI
RECORDS ANALYSIS RESIDUAL 52 PSI
FLOW 1000 GPM
GATE PAGE: 6" IN
P:\MS Word Forms\WFREQ.doc on Jackson

PRESSURE TEST RESULTS

CHINESE HOSPITAL
845 JACKSON STREET
SAN FRANCISCO, CA

OSHDP # IS-072017

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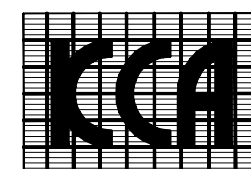
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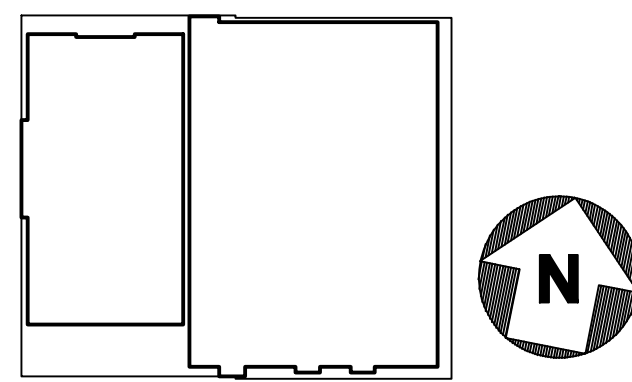
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Office of Statewide Health Planning and Development
FACILITIES DEVELOPMENT DIVISION

Key Plan



Drawing Title

EXISTING WATER
LINES AND FIRE
HYDRANTS

Project Number

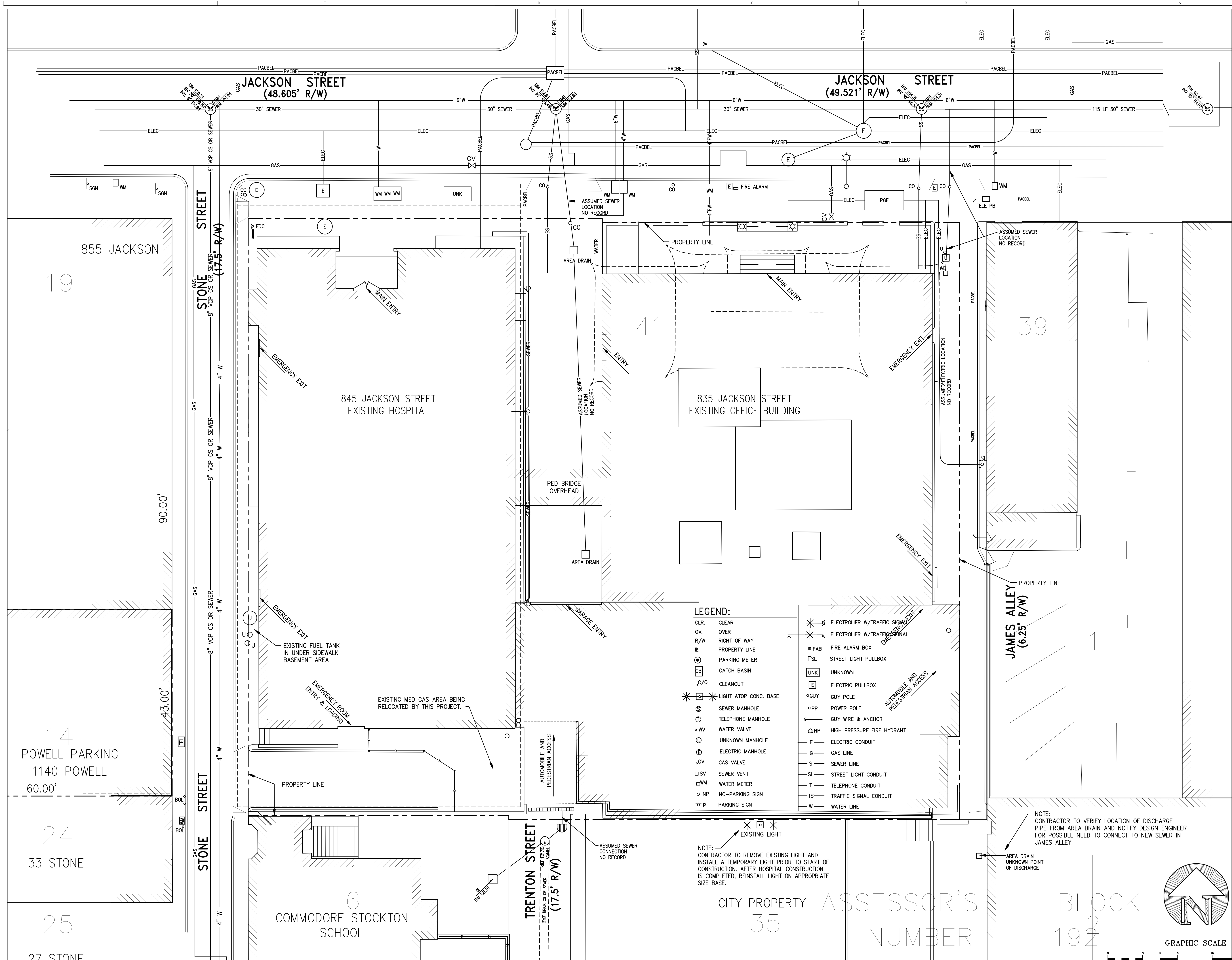
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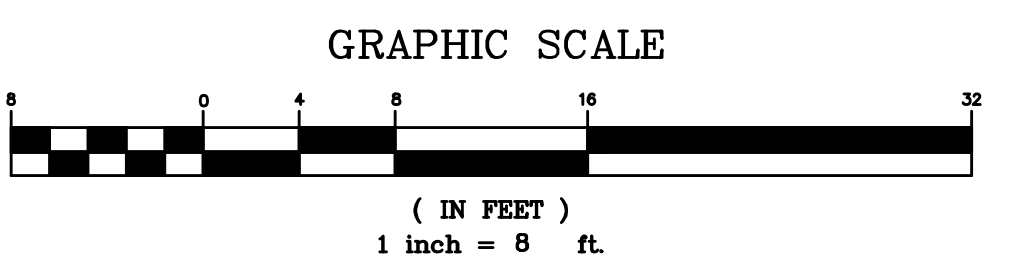
NEW ACUTE CARE HOSPITAL & SKILLED NURSING UNIT

**KCA ENGINEERS
SURE ENGINEERS
TREADWELL & ROLLO**



C3.1

- ① REMOVE CONCRETE AND ASPHALT DRIVEWAY PAVING, BASE, CURBS AND OTHER SURFACE IMPROVEMENTS.
- ② REMOVE CURB.
- ③ REMOVE ASPHALT CONCRETE PAVING AND BASE
- ④ REMOVE AREA DRAINS/TRENCH DRAINS AND OTHER UTILITY STRUCTURES
- ⑤ REMOVE CONCRETE WALL AND FOOTING
- ⑥ REMOVE CONCRETE COURTYARD AND STAIRS
- ⑦ PROTECT EXISTING HOSPITAL BUILDING AND BASEMENT DURING DEMOLITION AND REMOVAL OF FACILITIES.





845 JACKSON STREET
SAN FRANCISCO, CA

OSHPD # 18-072017

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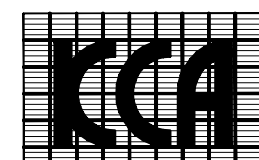
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CONSULTANTS:

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MAZZETTI & ASSOCIATES
-T.M. ASSOCIATES, INC.
-BJ ENGINEERS

OWNER CONSULTANTS:

KCA ENGINEERS
SURE ENGINEERS
TREADWELL & ROLLO



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KCA JOB NO. 5550

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| CITY SUBMITTAL | - | 09.17.10 |
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| OSHPD RESUBMITTAL | - | 10.15.12 |
| FOR REVIEW | - | 02.04.13 |
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Seals and Signatures

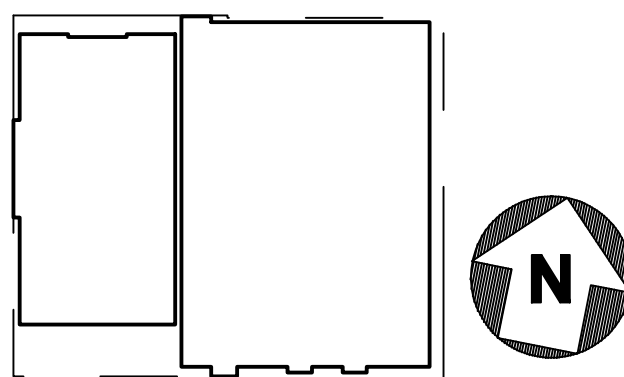
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only participation in the coordination
and assembly of this drawing set and
no responsibility for any technical
work related to this submission.



REVIEWED IN ACCORDANCE WITH
THE REQUIREMENTS OF T24, CCR
APPROVED

Office of Statewide Health
Planning and Development
FACILITIES DEVELOPMENT DIVISION

Key Plan



Drawing Title

HOSPITAL
EXCAVATION
PLAN

Project Number

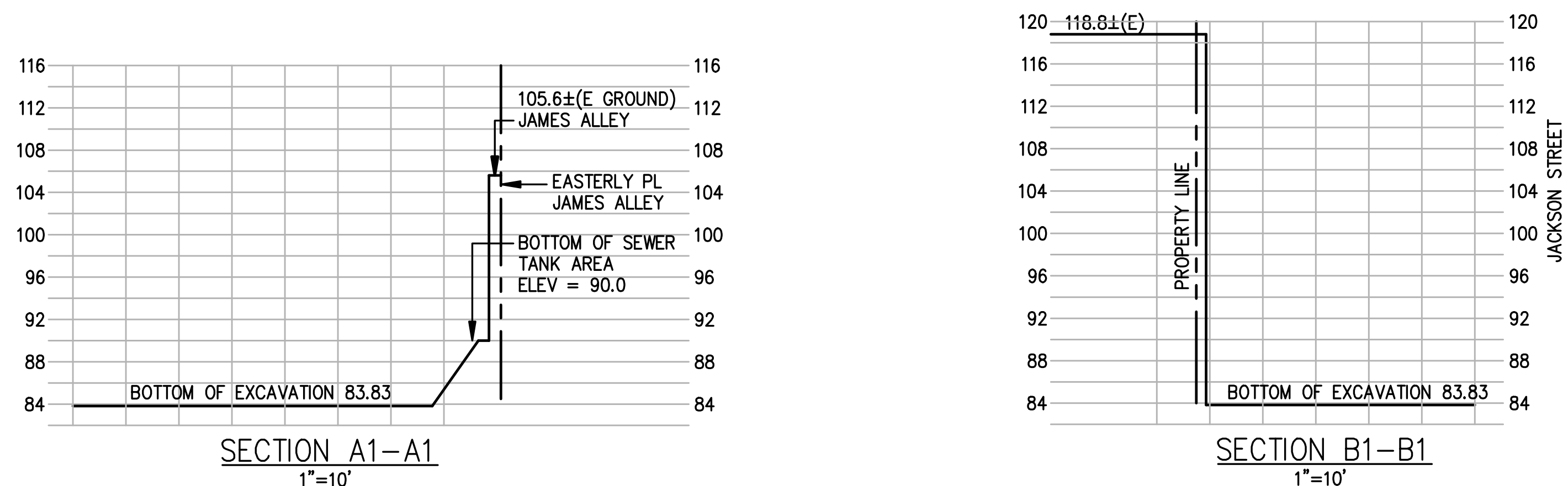
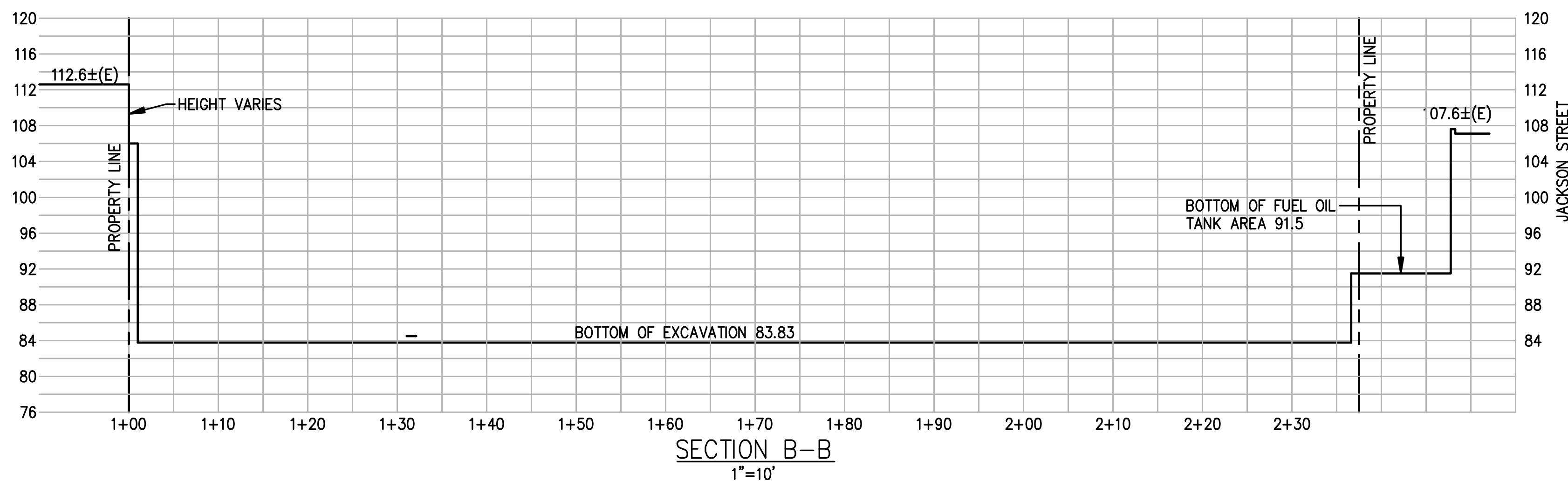
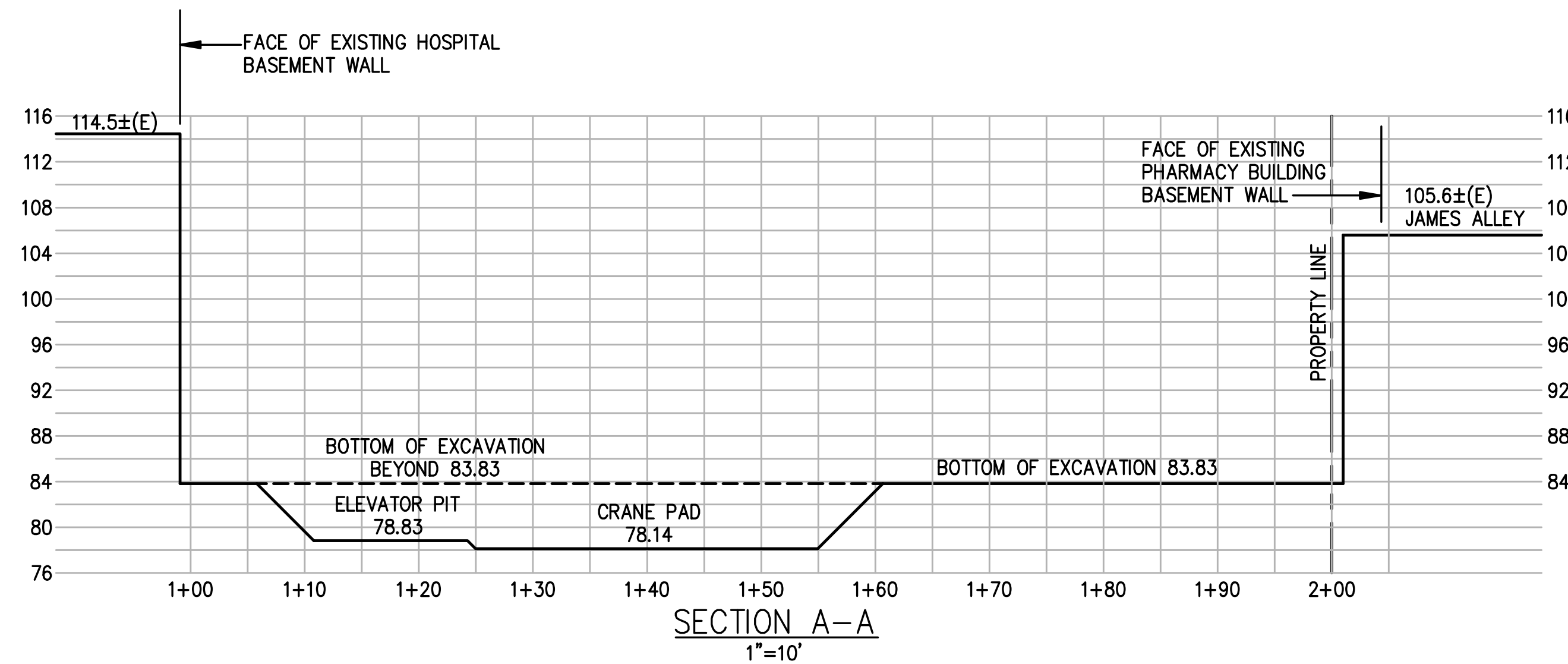
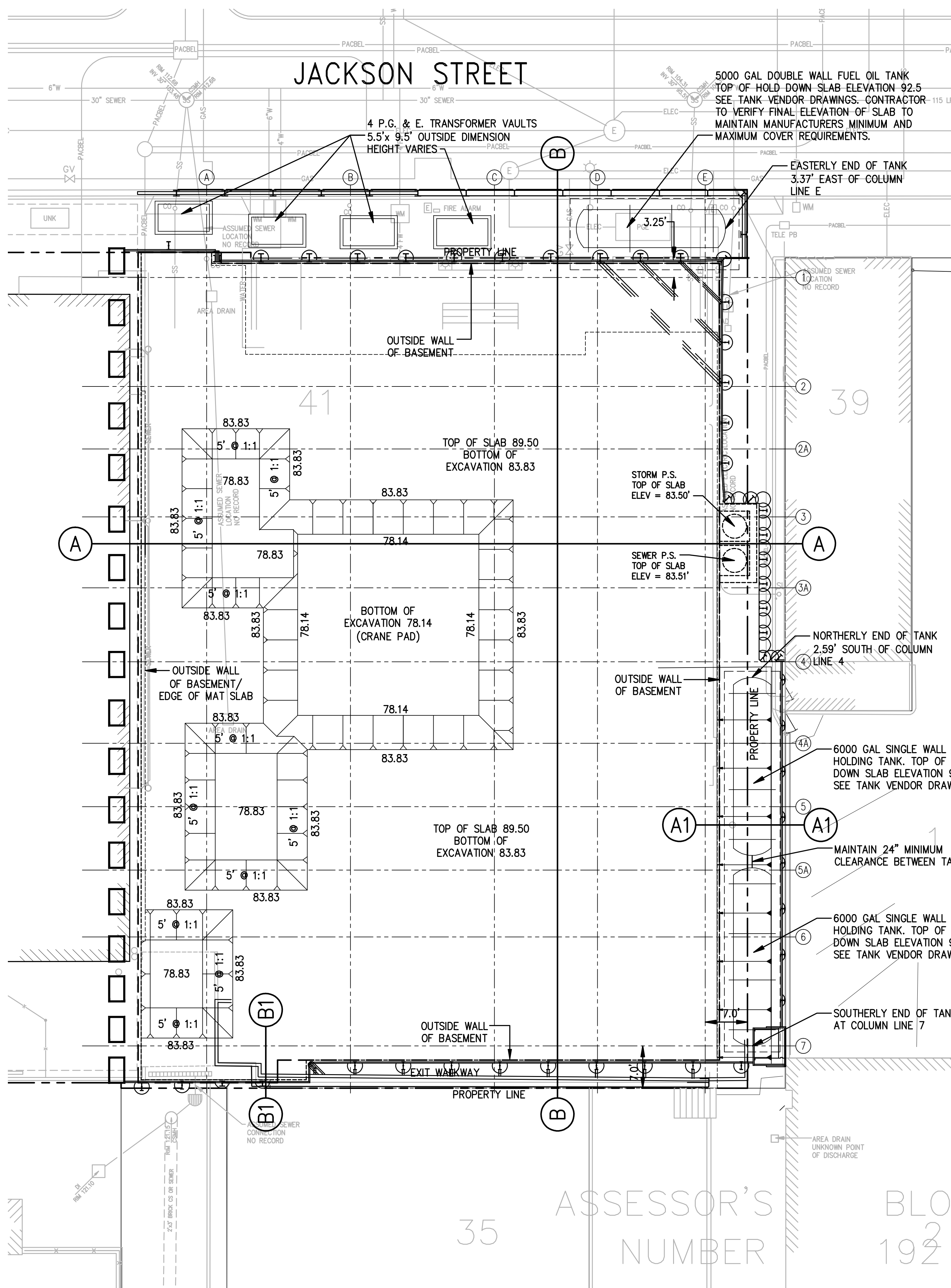
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Drawing Number

C3.2

Print Date

10/01/10



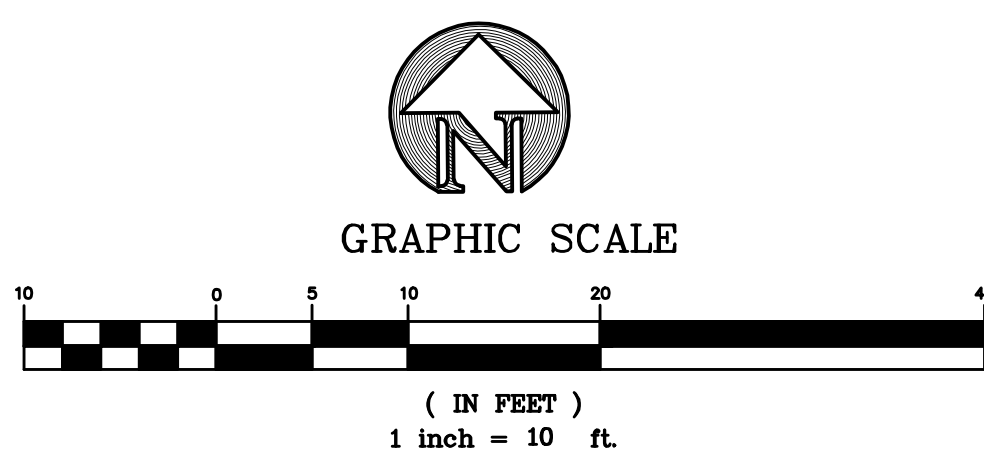
GENERAL NOTES:

- CONSTRUCTION TO BE UNDERTAKEN IN ACCORDANCE WITH THE CITY AND COUNTY OF SAN FRANCISCO STANDARD PLANS AND SPECIFICATIONS. IF NECESSARY, CONTRACTOR IS RESPONSIBLE FOR OBTAINING A PROJECT SITE COPY OF STANDARD PLANS AND SPECIFICATIONS, WHICH ARE AVAILABLE AT THE CONTRACTS AND ADMINISTRATION DEPARTMENT, DEPARTMENT OF PUBLIC WORKS, 875 STEVENSON STREET, ROOM 420, SAN FRANCISCO (TEL: 415-354-6229).
- CONTRACTOR SHALL CONSULT WITH PROJECT GEOTECHNICAL ENGINEER AND BE FAMILIAR WITH THE GEOTECHNICAL REPORT AND UPDATED REPORT REGARDING SITE EXCAVATION AND SOIL CONDITIONS, PREPARED BY TREDWELL AND ROLLO, DATED MARCH 7, 2007 AND OCTOBER 25, 2007 RESPECTIVELY WHICH ARE AVAILABLE FROM THE ARCHITECT.
- THIS EXCAVATION PLAN WAS BASED ON BASEMENT AND FOUNDATION FRAMING PLANS PREPARED BY ANOTHER CONSULTANT AND RECEIVED BY KCA ENGINEERS ON JUNE 30, 2008. CONTRACTOR SHALL USE MOST UP TO DATE STRUCTURAL PLANS AND PROJECT ZERO DATUM, BOTH OF WHICH MAY CHANGE, AT THE TIME OF ACTUAL EXCAVATION.
- SHORING OR UNDERPINNING IS PROPOSED AROUND THE ENTIRE SITE. SHORING IN AREAS WHERE THERE ARE NO ADJACENT BUILDINGS AND UNDERPINNING AT ADJACENT BUILDING. SEE SHORING DRAWINGS PREPARED BY SURE ENGINEERS. SHORING SHOWN ON THIS DRAWING IS SCHEMATIC ONLY.
- CONTRACTOR TO COMPLY WITH THE CITY AND COUNTY OF SAN FRANCISCO CONSTRUCTION AND DEMOLITION DEBRIS RECOVERY PROGRAM ORDINANCE NO. 27-06.
- SEE SHEET C1.1 FOR PUMP STATIONS AND SEWER HOLDING TANK.
- SEE STRUCTURAL PLANS FOR LOCATION AND ELEVATION OF ELEVATOR PITS AND OTHER AREAS THAT ARE LOWER THAN THE BOTTOM OF THE MAT SLAB.
- BASEMENT PAVING SECTION (68") CONSISTS OF THE FOLLOWING, WHICH IS TO BE VERIFIED BY CONTRACTOR PRIOR TO START OF EXCAVATION:
 - 6" FINISH SLAB
 - 18" CLASS 2 AGGREGATE BASE
 - 36" MAT SLAB
 - 4" PROTECTION SLAB
 - 1" WATERPROOFING MEMBRANE
 - 3" RAT SLAB
- TRANSFORMER VAULTS HAVE A VARYING HEIGHT WITH 6" OF COMPACTED 3/4" MINUS ROCK BASE. VERIFY WITH P.G. & E. PRIOR TO ORDERING OR INSTALLING. DUE TO THE SLOPE OF THE STREET, THE BOXES MAY REQUIRE SPECIAL CONSTRUCTION. ELEVATIONS SHOWN ARE FINISH FLOOR ELEVATIONS.
- SHORING SHOWN ON THIS PLAN IS FOR GENERAL INFORMATION ONLY. SEE SHORING PLANS FOR FINAL LOCATIONS. CONTRACTOR TO COORDINATE THE SHORING PILE LOCATION TO ALLOW FOR PLACEMENT OF TANK HOLD DOWN STRAPS. HOLD DOWN STRAP INFORMATION IS SHOWN ON INCREMENT 5 DRAWINGS.
- SEE INCREMENT 5 PLANS FOR PLUMBING AND ELECTRICAL INFORMATION INCLUDING AS A MINIMUM:
 - a. SEWER HOLDING TANKS AND APPURTENANCES.
 - b. FUEL STORAGE TANKS AND APPURTENANCES.
 - c. SEWER LINES AND STORM DRAIN LINES AND APPURTENANCES NOT IN THE PUBLIC STREET.
 - d. GAS LINE FROM STREET TO THE GAS METER ROOM.
 - e. TRANSFORMER VAULTS AND APPURTENANCES.
 - f. ELECTRICAL, CABLE, COMMUNICATIONS CONDUIT AND APPURTENANCES.
- ON-SITE GRADING QUANTITY:
 - CUT ~ ±9,500 CUBIC YARDS
 - FILL ~ 0 CUBIC YARDS

PROPOSED BUILDING ELEVATIONS:

| LEVEL | CITY DATUM | ARCHITECT DATUM |
|--------------|------------|-----------------|
| PENTHOUSE | 216.0 | 111.50 |
| ROOF | 201.0 | 96.50 |
| SIXTH FLOOR | 186.0 | 81.50 |
| FIFTH FLOOR | 171.0 | 66.50 |
| FOURTH FLOOR | 157.5 | 53.00 |
| THIRD FLOOR | 144.0 | 38.50 |
| SECOND FLOOR | 130.5 | 25.00 |
| FIRST FLOOR | 117.0 | 12.50 |
| GROUND FLOOR | 104.5 | 0.00 |
| BASEMENT | 89.5 | -15.00 |

NOTE: CONTRACTOR TO VERIFY THE EXISTING FLOOR ELEVATION OF THE 1979 BUILDING AT EACH LEVEL WHEN FORMING FOR EACH NEW BUILDING FLOOR, TO ASSURE THAT ACCESS BETWEEN BUILDINGS IS AT A CONFORMED GRADE.





845 JACKSON STREET
SAN FRANCISCO, CA

OSHPD # 18-072017

Facility Number 14621

NEW ACUTE CARE
HOSPITAL & SKILLED
NURSING UNIT

JACOBS

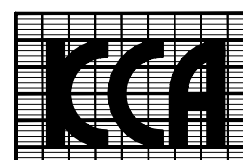
6688 North Central Expressway
Suite 400, MB13
Dallas, TX 75206
Phone: 214.424.7500

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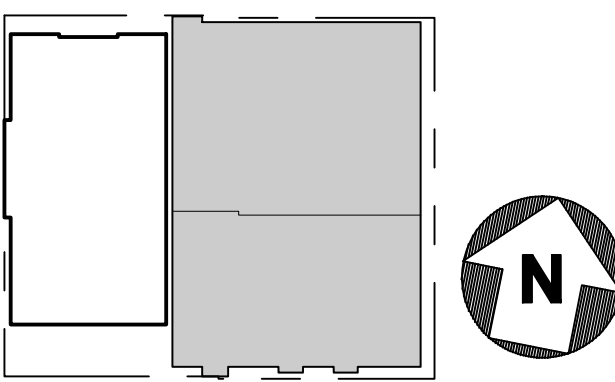
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Office of Statewide Health
Planning and Development
FACILITIES DEVELOPMENT DIVISION

Key Plan



Drawing Title

STREET
IMPROVEMENTS
845 JACKSON STREET

Project Number

024338

Drawing Number

C4.1

Print Date

10/01/10

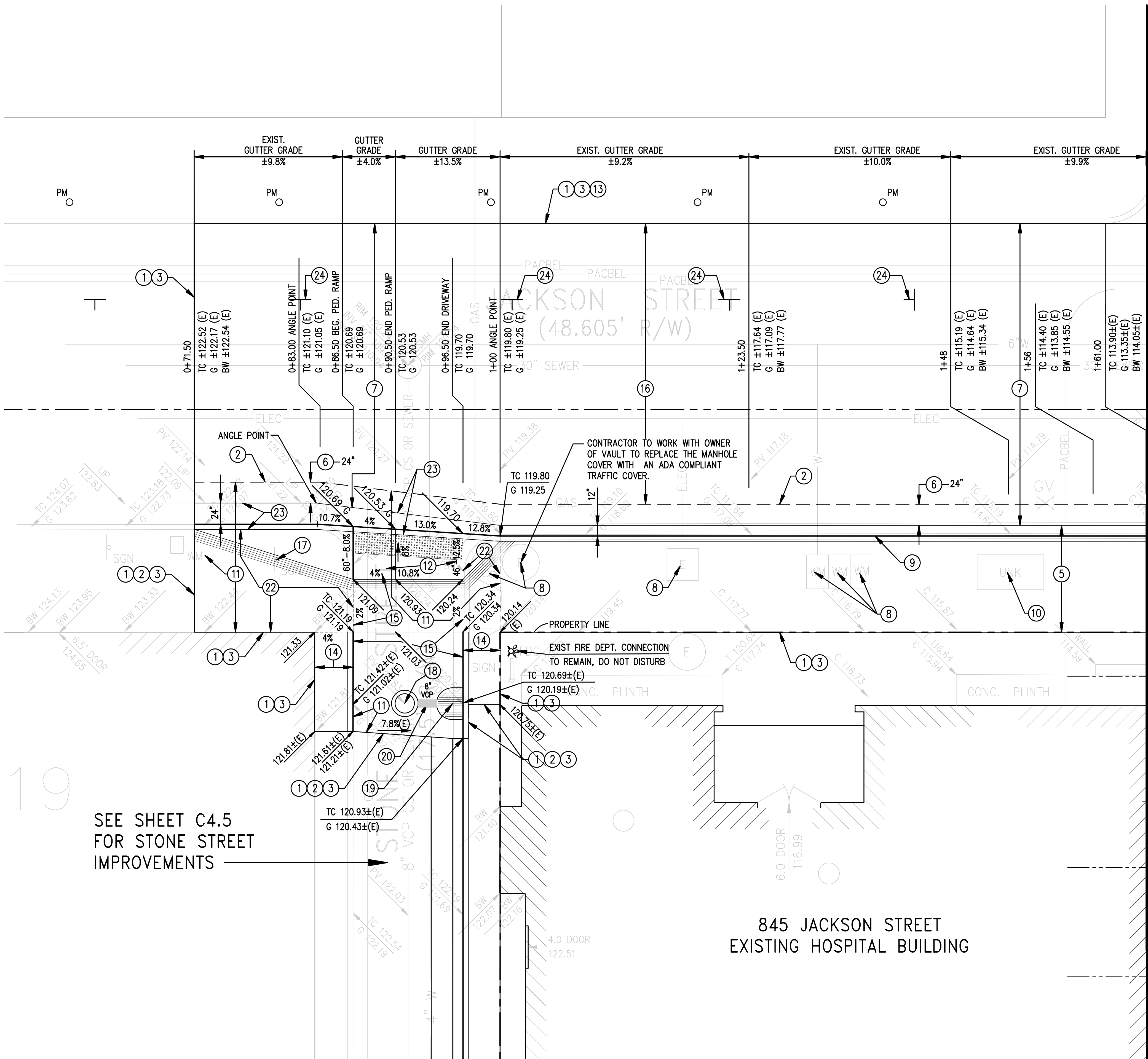
CONSTRUCTION NOTES:

(845 JACKSON STREET AND STONE STREET INTERSECTION)

- 1 LIMIT OF WORK.
- 2 SAWCUT LINE.
- 3 MATCH EXISTING.
- 4 NOT USED
- 5 REMOVE CURB, GUTTER AND SIDEWALK AND CONSTRUCT CONCRETE CURB WITH $\pm 12"$ WIDE CONCRETE GUTTER AND $\pm 9"-1"$ WIDE CONCRETE SIDEWALK. (OFFICIAL WIDTH IS 10')
- 6 REMOVE PAVING AND BASE AND CONSTRUCT 8" CONCRETE BASE.
- 7 PLACE 2" AC PAVING.
- 8 ADJUST TOPS OF BOXES, VAULTS, CLEANOUTS, VALVE COVERS, ETC. TO THE PLANE OF THE NEW PAVING SURFACE.
- 9 PAINT CURB WHITE WITH APPROPRIATE CITY OF SAN FRANCISCO STENOILS INDICATING THE AREA FROM STATION 1+00.00 TO 1+61.00 ON JACKSON STREET AS A PASSENGER LOADING ZONE.
- 10 METAL COVER THAT MAY BE ACCESS TO BASEMENT. RECONSTRUCT IN THE PLANE OF THE NEW PAVING. REPLACE IF DAMAGED OR WARPED.
- 11 REMOVE CURB, GUTTER, PAVING, BASE AND PEDESTRIAN RAMPS.
- 12 CONSTRUCT 10.5 FOOT WIDE COMBINATION AUTOMOBILE RAMP AND PEDESTRIAN CURB RAMP. 8" THICK CONCRETE OVER 8" CLASS 2 AGGREGATE BASE, WITH TEKWAY CEMENTATIOUS DETECTABLE DOMED SURFACE AND GROOVED BORDER.
- 13 PROTECT EXISTING CURB IN PLACE.
- 14 CONSTRUCT CONCRETE CURB OF VARYING HEIGHT AND 3.5' WIDE CONCRETE SIDEWALK (OFFICIAL WIDTH 3.5').
- 15 CONSTRUCT CONCRETE STREET PAVING 8" CONCRETE OVER 8" CLASS 2 AGGREGATE BASE.
- 16 GRIND/PLANE $\pm 2"$ OF EXISTING PAVING PER CITY STANDARD. THE DEPTH OF GRIND/PLANE TO BE $\pm 2"$ BELOW PROPOSED FINISH GRADE.
- 17 ADJUST STREET NAME SIGN HEIGHT TO THE PLANE OF NEW PAVING.
- 18 CONSTRUCT STANDARD SEWER MANHOLE OVER EXISTING SEWER LINE. BREAK OUT EXISTING PIPE WITHIN NEW MANHOLE.
- 19 CONSTRUCT STANDARD CONCRETE CATCH BASIN WITHOUT CURB INLET AND WITH CAST IRON TRAP.
- 20 INSTALL 8" VCP SEWER BETWEEN MANHOLE AND CATCH BASIN. THE ELEVATIONS FOR THIS PIPE WILL BE DETERMINED IN THE FIELD, AFTER THE ELEVATION OF THE EXISTING SEWER IS DETERMINED WHEN IT IS EXCAVATED FOR THE CONSTRUCTION OF THE MANHOLE.
- 21 NOT USED
- 22 CONSTRUCT STANDARD CONCRETE SIDEWALK OF VARYING WIDTH.
- 23 CONSTRUCT CONCRETE CURB AND CONCRETE GUTTER WIDTH VARYING FROM 12" TO 24".
- 24 4" WIDE WHITE PAINTED SPACE MARKINGS. VERIFY SPACING WITH DPT PRIOR TO PAINTING IN CASE OF PARKING METER RELOCATIONS

GENERAL NOTES:

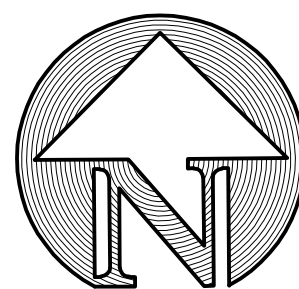
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2. ELEVATIONS ARE ON CITY OF SAN FRANCISCO DATUM.
3. CONTRACTOR TO MAINTAIN PEDESTRIAN ACCESS AND PEDESTRIAN LOADING AND UNLOADING SPACE IN FRONT OF EXISTING HOSPITAL ON JACKSON STREET 24 HOURS A DAY, 7 DAYS A WEEK. IF THIS CANNOT BE ACCOMPLISHED, CONTRACTOR IS TO COORDINATE WITH HOSPITAL STAFF FOR ALTERNATE ACCESS.
4. CONTRACTOR IS CAUTIONED TO USE CARE IN WORKING ADJACENT TO AND IN THE SIDEWALK ALONG JACKSON STREET AND STONE STREET DUE TO THE PRESENCE OF AN UNDER-SIDEWALK BASEMENT.
5. SEE STRUCTURAL AND WATERPROOFING PLANS FOR ADDITIONAL CONSTRUCTION REQUIREMENTS IN THE VICINITY OF JACKSON STREET AND STONE STREET.



MATCHLINE STA. 1+61.00 ~ SEE DRAWING C4.2 FOR SURFACE IMPROVEMENTS
MATCHLINE STA. 1+61.00 ~ SEE DRAWING C4.3 FOR UNDERGROUND IMPROVEMENTS

845 JACKSON STREET
EXISTING HOSPITAL BUILDING

SEE SHEET C4.5
FOR STONE STREET
IMPROVEMENTS

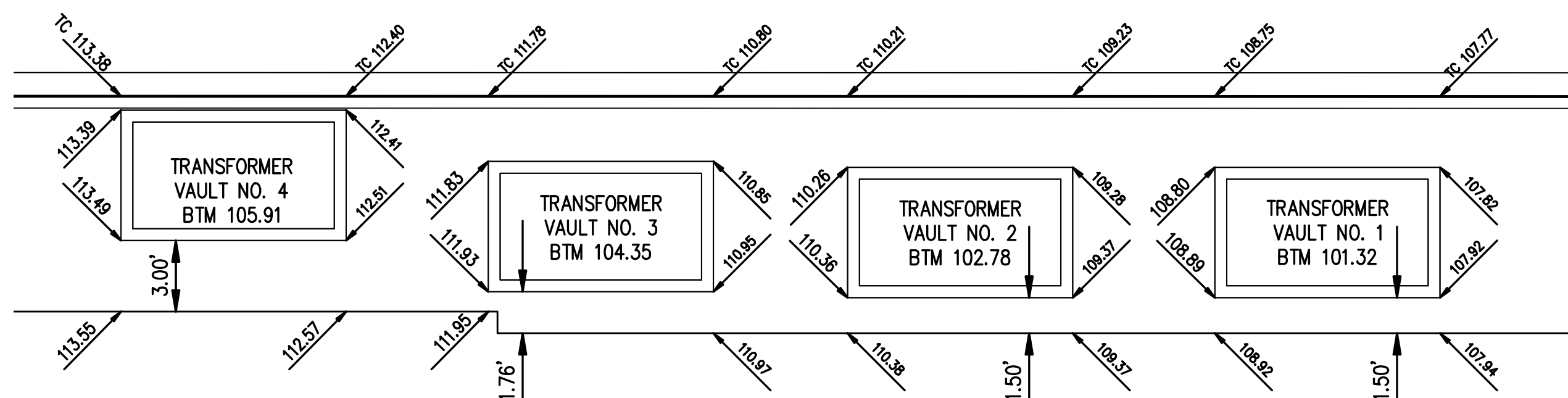
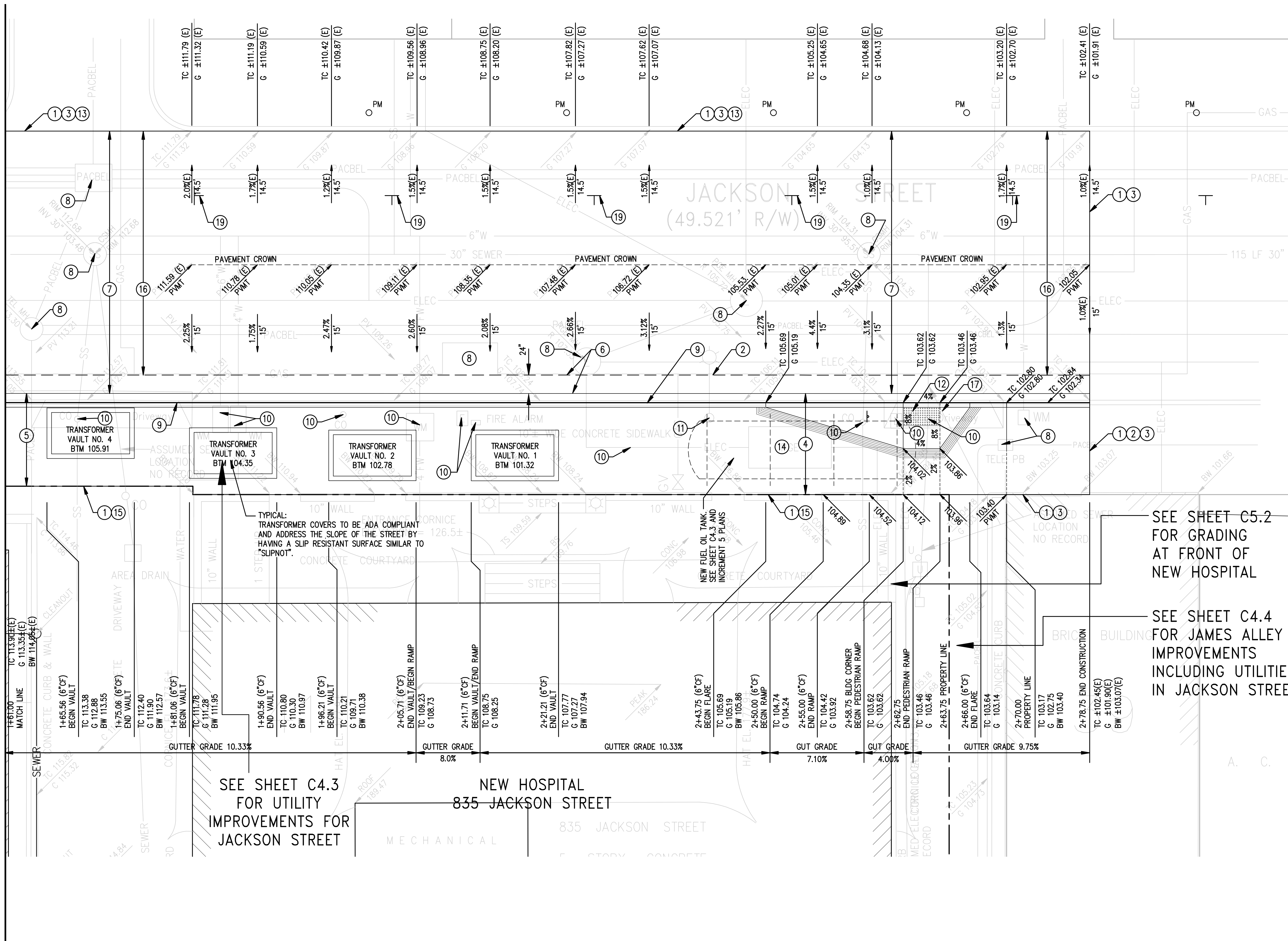


GRAPHIC SCALE



(IN FEET)
1 inch = 5 ft.

MATCHLINE STA. 1+61.00 ~ SEE DRAWING C4.1



DETAILED ELEVATION PLAN
AT TRANSFORMER VAULTS

CONSTRUCTION NOTES: (835 JACKSON STREET)

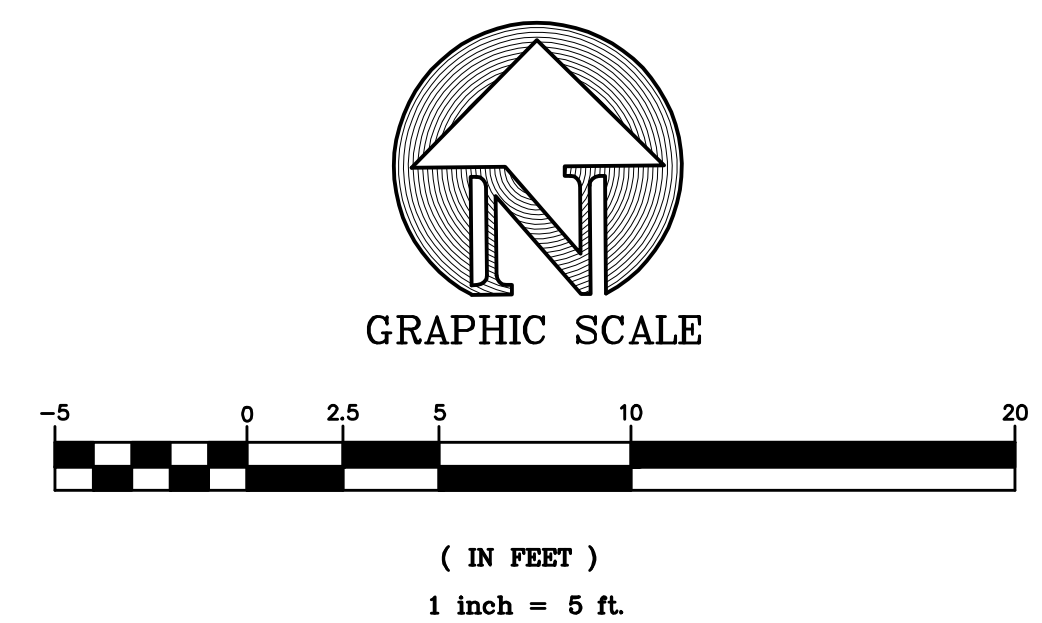
- 1 LIMIT OF WORK.
- 2 SAWCUT LINE.
- 3 MATCH EXISTING.
- 4 REMOVE CURB, GUTTER AND SIDEWALK AND CONSTRUCT CONCRETE CURB WITH $\pm 12"$ WIDE CONCRETE GUTTER AND $\pm 10'$ WIDE CONCRETE SIDEWALK. (OFFICIAL WIDTH IS 10')
- 5 REMOVE CURB, GUTTER AND SIDEWALK AND CONSTRUCT CONCRETE CURB WITH $\pm 12"$ WIDE CONCRETE GUTTER AND $\pm 9'-1"$ WIDE CONCRETE SIDEWALK. (OFFICIAL WIDTH IS 10')
- 6 REMOVE PAVING AND BASE AND CONSTRUCT 8" CONCRETE BASE.
- 7 PLACE $\pm 2"$ AC PAVING TO GRADES SHOWN.
- 8 ADJUST TOPS OF BOXES, VAULTS, CLEANOUTS, VALVE COVERS, ETC. TO THE PLANE OF THE NEW PAVING SURFACE.
- 9 PAINT CURB WHITE WITH APPROPRIATE CITY OF SAN FRANCISCO STENCILS INDICATING THE AREA FROM STATION 1+61 TO 2+58.75 ON JACKSON STREET AS A PASSENGER LOADING ZONE.
- 10 EXISTING STRUCTURES AND LATERALS TO BE REMOVED PER THE REQUIREMENTS OF THE RESPECTIVE UTILITY ENTITY.
- 11 REMOVE STREET LIGHT AND BASE.
- 12 CONSTRUCT 11.75 FOOT WIDE COMBINATION AUTOMOBILE RAMP AND PEDESTRIAN CURB RAMP. 8" THICK CONCRETE OVER 8" CLASS 2 AGGREGATE BASE, WITH TEKWAY CEMENTATIOUS DETECTABLE DOMED SURFACE AND GROOVED BORDER.
- 13 PROTECT EXISTING CURB IN PLACE.
- 14 EXISTING TRANSFORMER VAULT TO BE REMOVED. COORDINATE WITH PG & E.
- 15 MATCH GRADES AT NEW HOSPITAL BUILDING.
- 16 GRIND/PLANE $\pm 2"$ OF EXISTING PAVING PER CITY STANDARD. THE DEPTH OF GRIND/PLANE TO BE $\pm 2"$ BELOW PROPOSED FINISH GRADE.
- 17 RELOCATE STREET NAME SIGN TO (17A)
- 18 NOT USED
- 19 4" WIDE WHITE PAINTED SPACE MARKINGS. VERIFY SPACING WITH DPT PRIOR TO PAINTING IN CASE OF PARKING METER RELOCATIONS.

SEE SHEET C5.2
FOR GRADING
AT FRONT OF
NEW HOSPITAL

SEE SHEET C4.4
FOR JAMES ALLEY
IMPROVEMENTS
INCLUDING UTILITIES
IN JACKSON STREET

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4. CONTRACTOR IS CAUTIONED TO USE CARE IN WORKING ADJACENT TO AND IN THE SIDEWALK ALONG JACKSON STREET AND STONE STREET DUE TO THE PRESENCE OF AN UNDER-SIDEWALK BASEMENT.
5. SEE STRUCTURAL AND WATERPROOFING PLANS FOR ADDITIONAL CONSTRUCTION REQUIREMENTS IN THE VICINITY OF JACKSON STREET AND STONE STREET.



CHINESE HOSPITAL

845 JACKSON STREET
SAN FRANCISCO, CA

OSHPD # 18-072017
Facility Number 14621

NEW ACUTE CARE HOSPITAL & SKILLED NURSING UNIT

JACOBS

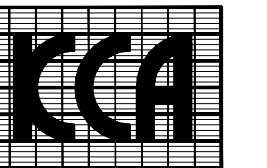
6688 North Central Expressway
Suite 400, MB13
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Phone: 214.424.7500

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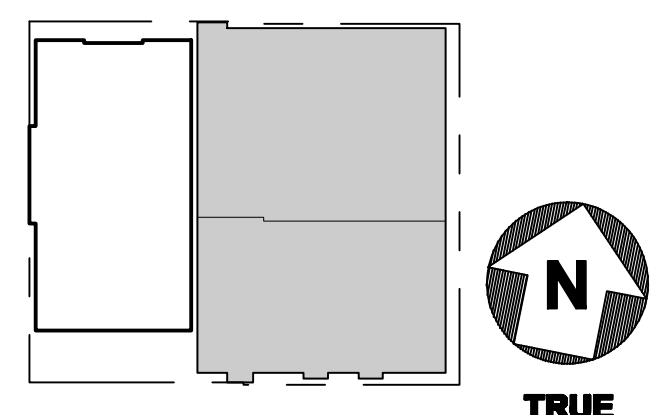
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THE REQUIREMENTS OF T24, CCR
APPROVED

Office of Statewide Health
Planning and Development
FACILITIES DEVELOPMENT DIVISION

Key Plan



Drawing Title

SURFACE
IMPROVEMENTS
835 JACKSON STREET

Project Number

024338

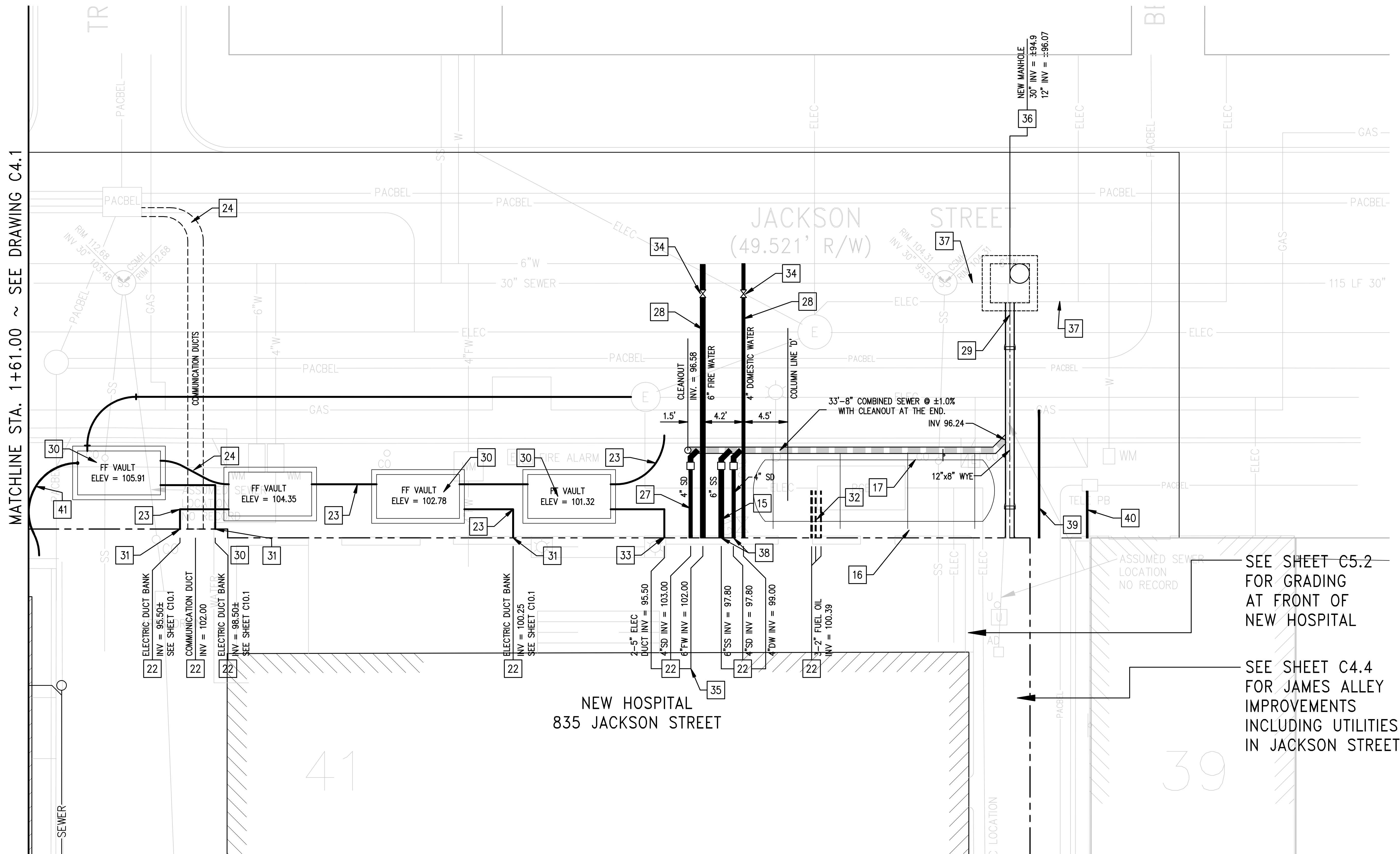
Drawing Number

C4.2

Print Date

10/01/10

MATCHLINE STA. 1+61.00 ~ SEE DRAWING C4.1



UTILITY CONSTRUCTION NOTES:
(835 JACKSON STREET)

- [15] 6" VCP STORM SEWER WITH FRESH AIR INLET AND TRAP.
- [16] 8" VCP COMBINED SEWER WITH CLEANOUT AT END AND WYE TO 12" VCP COMBINED SEWER.
- [17] 5,000 GALLON DOUBLE WALL FUEL STORAGE TANKS 6' DIAMETER, 24.75 FOOT LONG. SEE PLUMBING DRAWINGS FOR PIPING, HOLDDOWN SLAB DIMENSIONS, BACKFILL AND MANHOLE. ALL COVERS TO CONFORM TO ADA REQUIREMENTS AND TO HAVE A SLIP RESISTANT SURFACE. SEE INCREMENT 5 PLANS
- [22] SEE PLUMBING, MECHANICAL, ELECTRICAL, ETC., PLANS FOR LOCATION AND ELEVATION OF UTILITY POINTS OF CONNECTION. SEE INCREMENT 5 PLANS.
- [23] APPROXIMATE LOCATION FOR NEW PRIMARY ELECTRICAL SERVICE CONDUITS. COORDINATE WITH PG&E FOR REQUIREMENTS EXACT LOCATION AND AMOUNT OF CONDUIT. SEE INCREMENT 5 PLANS.
- [24] APPROXIMATE LOCATION FOR COMMUNICATIONS, CABLE, TELEVISION, TELEPHONE, ETC. CONDUITS. SEE COMMUNICATIONS, ETC. PLANS FOR EXACT LOCATION AND AMOUNT OF CONDUIT. SEE INCREMENT 5 PLANS..
- [27] CONNECT 4" STORM SEWER WITH FRESH AIR INLET AND TRAP TO THE 8" COMBINED SEWER.
- [28] COORDINATE CONSTRUCTION OF WATER AND FIRE WATER LINES WITH WATER AND FIRE DEPARTMENTS. WATER METER TO BE INSTALLED IN SIDEWALK FOR DOMESTIC WATER SERVICE.
- [29] 12" VCP COMBINED SEWER @ ±1% SLOPE. SEE SHEET C4.4.
- [30] NEW UNDERGROUND PG&E TRANSFORMER VAULTS EXACT LOCATION, SIZE DEPTH TO BE DETERMINED BY PG&E.
- [31] NEW ELECTRICAL SERVICE ENTRANCE. CONDUIT BETWEEN UNDERGROUND VAULT AND MAIN ELECTRICAL ROOM. EXACT LOCATION AND ELEVATION TO BE DETERMINED WITH PG&E. SEE INCREMENT 5 PLANS.
- [32] FUEL OIL VENT AND SERVICE LINES. SEE PLUMBING AND FUEL OIL PLANS. SEE INCREMENT 5 PLANS.
- [33] 2-5" ELECTRICAL CONDUIT FOR FIRE PUMP SERVICE. SEE INCREMENT 5 PLANS.
- [34] INSTALL SHUTOFF VALVES PER NFPA 24 AND CITY OF SAN FRANCISCO STANDARDS.
- [35] MAIN SHUTOFF VALVE IS LOCATED IN FIRE PUMP ROOM. SEE PLUMBING DRAWINGS. SEE INCREMENT 5 DRAWINGS.
- [36] CONSTRUCT STANDARD CITY SEWER MANHOLE FOR PIPES 27" TO 48" IN DIAMETER. SEE NOTE "H" ON SHEET C4.4.
- [37] SUPPORT EXISTING WATER AND ELECTRICAL DUCTS CONDUITS AND PIPES AS NECESSARY DURING MANHOLE CONSTRUCTION.
- [38] CONNECT 6" SANITARY SEWER AND 4" STORM DRAIN FROM BUILDING TO THE 8" COMBINED SEWER WITH A FRESH AIR INLET AND TRAP.
- [39] GAS SERVICE LINE. SEE PLUMBING PLANS. CONSTRUCTION TO BE UNDERTAKEN PER PG & E STANDARDS. SEE INCREMENT 5 PLANS.
- [40] NEW TELEPHONE CONDUITS, CONDUCTORS, ETC. COORDINATE WITH PACBEL.
- [41] 4-5" ELECTRICAL CONDUIT TO TEMPORARY ELECTRICAL SERVICE PANEL. SEE INCREMENT 5 PLANS.

SEE SHEET C5.2
FOR GRADING
AT FRONT OF
NEW HOSPITAL

SEE SHEET C4.4
FOR JAMES ALLEY
IMPROVEMENTS
INCLUDING UTILITIES
IN JACKSON STREET

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- SEE INCREMENT 5 PLANS FOR PLUMBING AND ELECTRICAL INFORMATION INCLUDING
 - FUEL STORAGE TANK AND APPURTENANCES.
 - MAIN FIRE WATER SHUTOFF VALVE.
 - FUEL OIL PLUMBING, VENT AND ELECTRICAL LINES.
 - GAS LINES.

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CHINESE HOSPITAL

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BID SET 07-23-12

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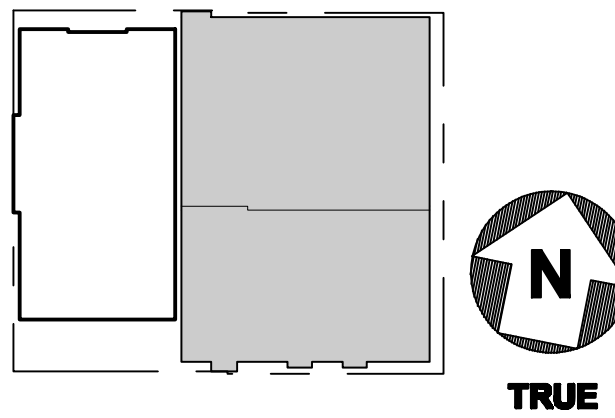
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Office of Statewide Health
Planning and Development
FACILITIES DEVELOPMENT DIVISION

Key Plan

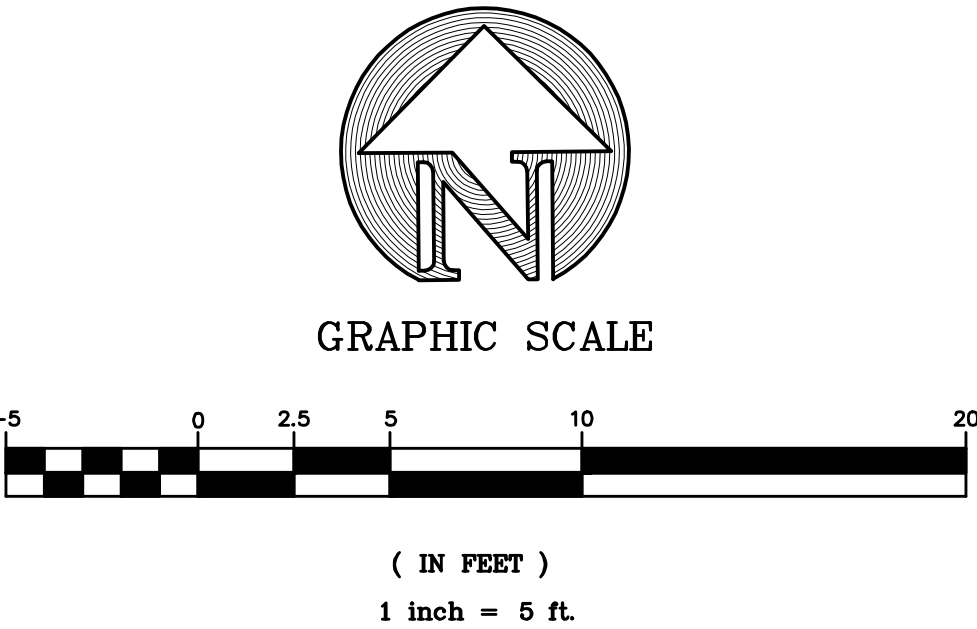


Drawing Title
**UNDERGROUND
IMPROVEMENTS
835 JACKSON STREET**

Project Number
024338

Drawing Number
C4.3

Print Date
10/01/10





CHINESE HOSPITAL
845 JACKSON STREET
SAN FRANCISCO, CA

OSHPD # IS-072017

Facility Number 14621

NEW ACUTE CARE HOSPITAL & SKILLED NURSING UNIT

JACOBS

6688 North Central Expressway
Suite 400, MB13
Dallas, TX 75206
Phone: 214.424.7500

CONSULTANTS:

ARUP
MAZZETTI & ASSOCIATES
- CIVIL ENGINEERS, INC.
- SJ ENGINEERS

OWNER CONSULTANTS:

KCA ENGINEERS
SURE ENGINEERS
TREADWELL & ROLLO

BID SET 07-23-12



KCA ENGINEERS, INC.
CONSULTING CIVIL ENGINEERS
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KCA JOB NO. 5550

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| CITY SUBMITTAL | - | 09.17.10 |
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| CITY COMMENTS | - | 09.26.12 |
| OSHPD RESUBMITTAL | - | 10.15.12 |
| FOR REVIEW | - | 02.04.13 |
| OSHPD/COSF RESUBMITTAL | - | 02.19.13 |

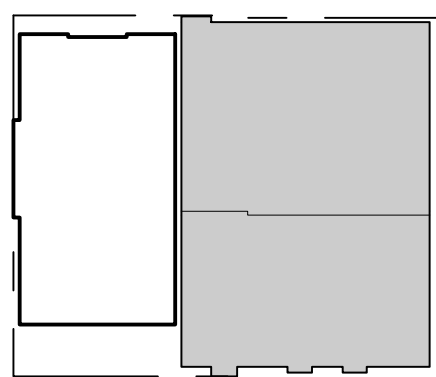
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Office of Statewide Health Planning and Development
FACILITIES DEVELOPMENT DIVISION

Key Plan



Drawing Title

STREET IMPROVEMENTS
JAMES ALLEY

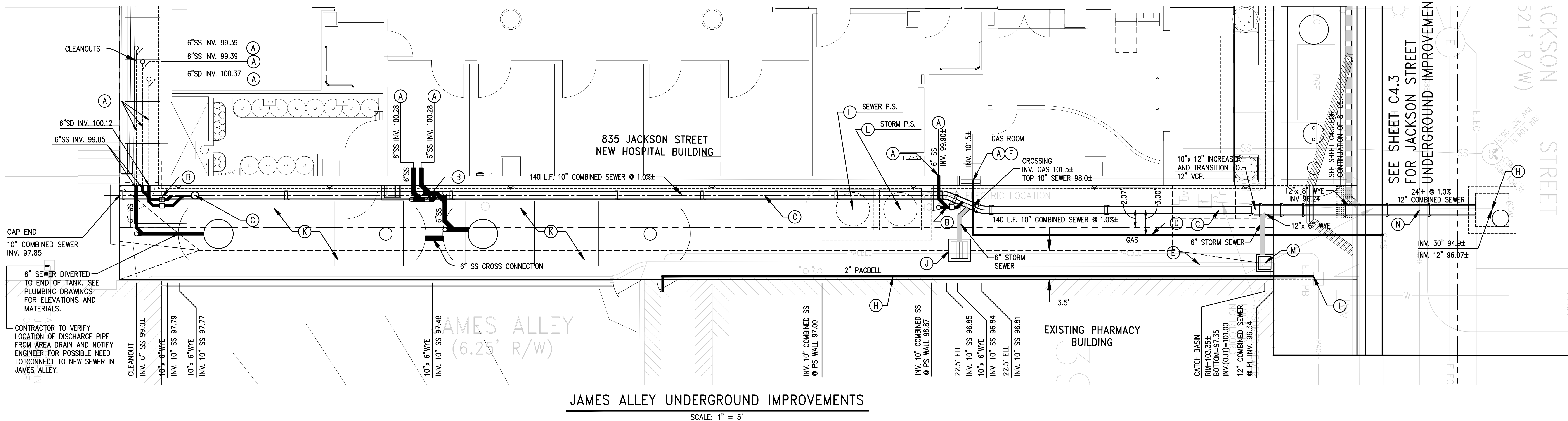
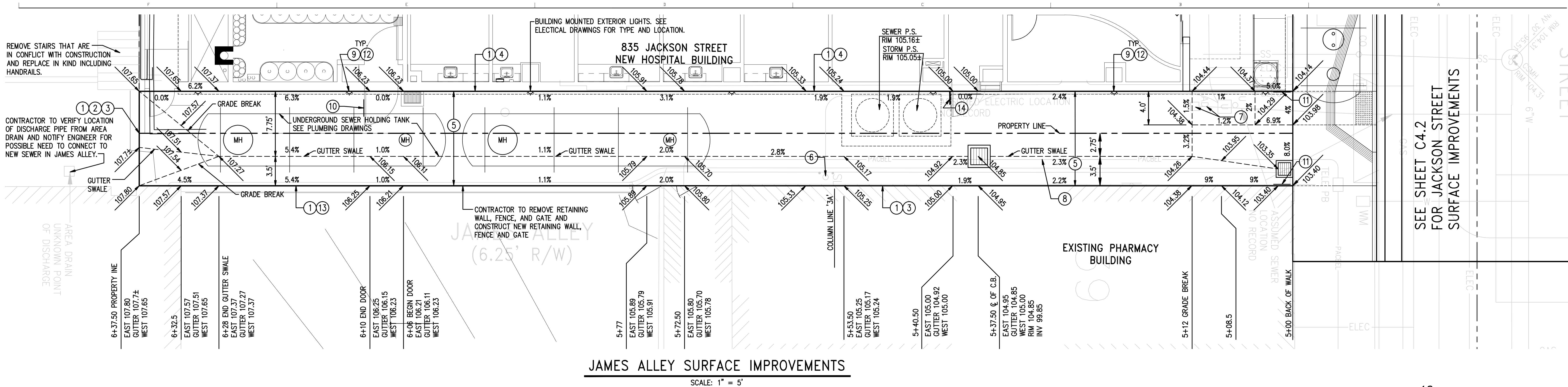
Project Number 024338

Drawing Number

C4.4

Print Date

10/01/10



CONSTRUCTION NOTES:

(JAMES ALLEY SURFACE IMPROVEMENTS)

- ① LIMIT OF WORK
- ② SAWCUT LINE
- ③ MATCH EXISTING
- ④ MATCH NEW HOSPITAL BUILDING
- ⑤ REMOVE CURB, GUTTER, SIDEWALK AND CONSTRUCT 8" THICK CONCRETE PAVING ON 8" THICK CLASS 2 AGGREGATE BASE.
- ⑥ REMOVE STREET LIGHT, BOLLARDS, CONDUIT, WIRES, ETC.
- ⑦ REMOVE PIPES, DRAINS AND BOXES.
- ⑧ REMOVE TELEPHONE CONDUIT, WIRES, BOXES, ETC. COORDINATE WITH AT&T TO PROVIDE TEMPORARY SERVICE.
- ⑨ BELOW EACH BUILDING MOUNTED LIGHT, INSTALL A "NO PARKING ANY TIME" SIGN, A "DANGER COMPRESSED GAS" SIGN, AND A "NO SMOKING" SIGN.
- ⑩ ON THE OUTSIDE OF THE DOOR ATTACH A "DANGER COMPRESSED GAS" SIGN.
- ⑪ ON THE OUTSIDE FACE OF THE NEW HOSPITAL BUILDING AND ON THE OUTSIDE FACE OF THE PHARMACY BUILDING, INSTALL AN "EMERGENCY VEHICLES ONLY" SIGN.
- ⑫ INSTALL A SINGLE BICYCLE RACK BELOW EACH BUILDING MOUNTED LIGHT AND ONE HALF WAY BETWEEN. THE BICYCLE RACK SHOULD BE A BARCO 2 BIKE POST TURNED SIDEWAYS TO ACCOMMODATE ONLY ONE BIKE. THIS DOES NOT INCLUDE THE LIGHT CLOSEST TO JACKSON STREET.
- ⑬ MATCH NEW WALL
- ⑭ ON THE OUTSIDE OF THE DOOR ATTACH A "NO SMOKING" SIGN.

CONSTRUCTION NOTES:

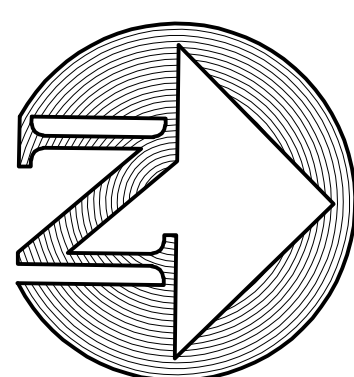
(JAMES ALLEY UTILITIES)

- Ⓐ SEE PLUMBING PLANS FOR HORIZONTAL AND VERTICAL LOCATION, PIPE SIZE AND PIPE MATERIAL OF UTILITY STUBOUTS FROM BUILDING TO POINT OF CONNECTION. SEE INCREMENT 5 PLANS.
- Ⓑ CONSTRUCT VCP SEWER AND STORM DRAIN LATERALS WITH FRESH AIR INLET AND TRAP. SEE PLUMBING PLANS. SEE INCREMENT 5 PLANS.
- Ⓒ CONSTRUCT 10" DUCTILE IRON COMBINED SEWER WITH CLEANOUT.
- Ⓓ CONSTRUCT PG&E GAS SERVICE LINE. SEE PLUMBING PLANS FOR ALL CONSTRUCTION INFORMATION. SEE INCREMENT 5 PLANS.
- Ⓔ REROUTED NEW TELEPHONE CONDUITS, CONDUCTORS, ETC. COORDINATE WITH PACBELL FOR TEMPORARY SERVICE DURING CONSTRUCTION PERIOD.
- Ⓕ INSTALL BOLLARDS PER PG & E STANDARDS TO PROTECT GAS LINE RISER.
- Ⓖ NOT USED.
- Ⓗ CONSTRUCT STANDARD CITY MANHOLE FOR PIPE SIZES 27" TO 48". CONSTRUCT MANHOLE BASE AND LEDGE AND INSTALL 12" COMBINED SEWER STUB. REMOVE UPPER HALF OF 30" PIPE LEAVING BOTTOM HALF AS THE FLOWLINE OF THE MANHOLE. THEN COMPLETE THE MANHOLE CONSTRUCTION.
- Ⓘ CONNECT TO EXISTING AT&T BOX.
- Ⓙ INSTALL 24"x24" CATCH BASIN/SAND TRAP. CENTRAL PRECAST OR EQUAL, WITHOUT CLEANOUT AND WITH CAST IRON TRAP. GRATE TO BE ADA COMPLIANT AND TRUCK LOAD CAPACITY WITH LOCKING DEVICES.
- Ⓚ 6,000 GALLON SEWER HOLDING TANK ±6'-2 3/4" DIAMETER AND ± 29'-6 1/4" LENGTH. SEE PLUMBING PLANS FOR PIPING, HOLD DOWN SLAB DIMENSIONS, BACKFILL AND MANHOLES. ALL COVERS TO CONFORM TO ADA REQUIREMENTS AND TO HAVE A SLIP RESISTANT SURFACE. SEE INCREMENT 5 PLANS.

- Ⓛ TWO PUMP STATIONS. SEE STRUCTURAL, ELECTRICAL AND PLUMBING PLANS FOR ADDITIONAL INFORMATION. ALL COVERS TO CONFORM TO ADA REQUIREMENTS AND TO HAVE A SLIP RESISTANT SURFACE.
- Ⓜ INSTALL 18"x18" CATCH BASIN/SAND TRAP. CENTRAL PRECAST OR EQUAL, WITHOUT CLEANOUT AND WITH CAST IRON TRAP. GRATE TO BE ADA COMPLIANT AND TRUCK LOAD CAPACITY WITH LOCKING DEVICES.
- Ⓝ 12" EXTRA STRENGTH VCP PIPE COMBINED SEWER.
- Ⓞ NOT USED

GENERAL NOTES:

1. ALL CONSTRUCTION TO BE UNDERTAKEN IN ACCORDANCE WITH THE CITY OF SAN FRANCISCO STANDARD DETAILS AND SPECIFICATIONS.
2. ELEVATIONS ARE ON CITY OF SAN FRANCISCO DATUM.
3. SEE INCREMENT 5 PLANS FOR PLUMBING AND ELECTRICAL INFORMATION INCLUDING:
 - A. FUEL STORAGE TANK AND APPURTENANCES.
 - B. GAS LINE.
 - C. FUEL STORAGE TANK INTERCONNECT PIPELINES.
 - D. ELECTRICAL AND CONTROL LINES.
 - E. SANITARY SEWER PIPELINES FROM FACE OF BUILDING TO STORAGE TANKS.



GRAPHIC SCALE

(IN FEET)

1 inch = 5 ft.



CHINESE HOSPITAL

845 JACKSON STREET
SAN FRANCISCO, CA

OSHPD # 18-072017

Facility Number 14621

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JACOBS

6688 North Central Expressway
Suite 400, M813
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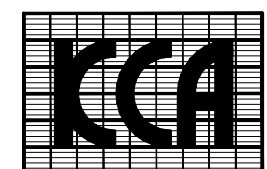
CONSULTANTS:

ARUP
MAZZETTI & ASSOCIATES
-TIA ASSOCIATES, INC.
-BJ ENGINEERS

OWNER CONSULTANTS:

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| FOR REVIEW | - | 02.04.13 |
| OSHPD/CCSF RESUBMITTAL | - | 02.19.13 |

Seals and Signatures

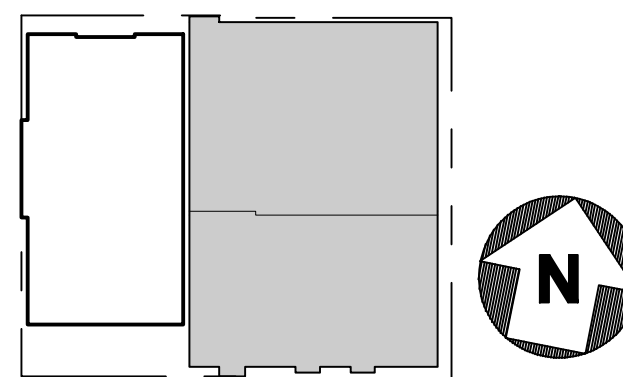
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APPROVED

Office of Statewide Health Planning and Development
FACILITIES DEVELOPMENT DIVISION

Key Plan



Drawing Title

STREET IMPROVEMENTS STONE STREET

Project Number

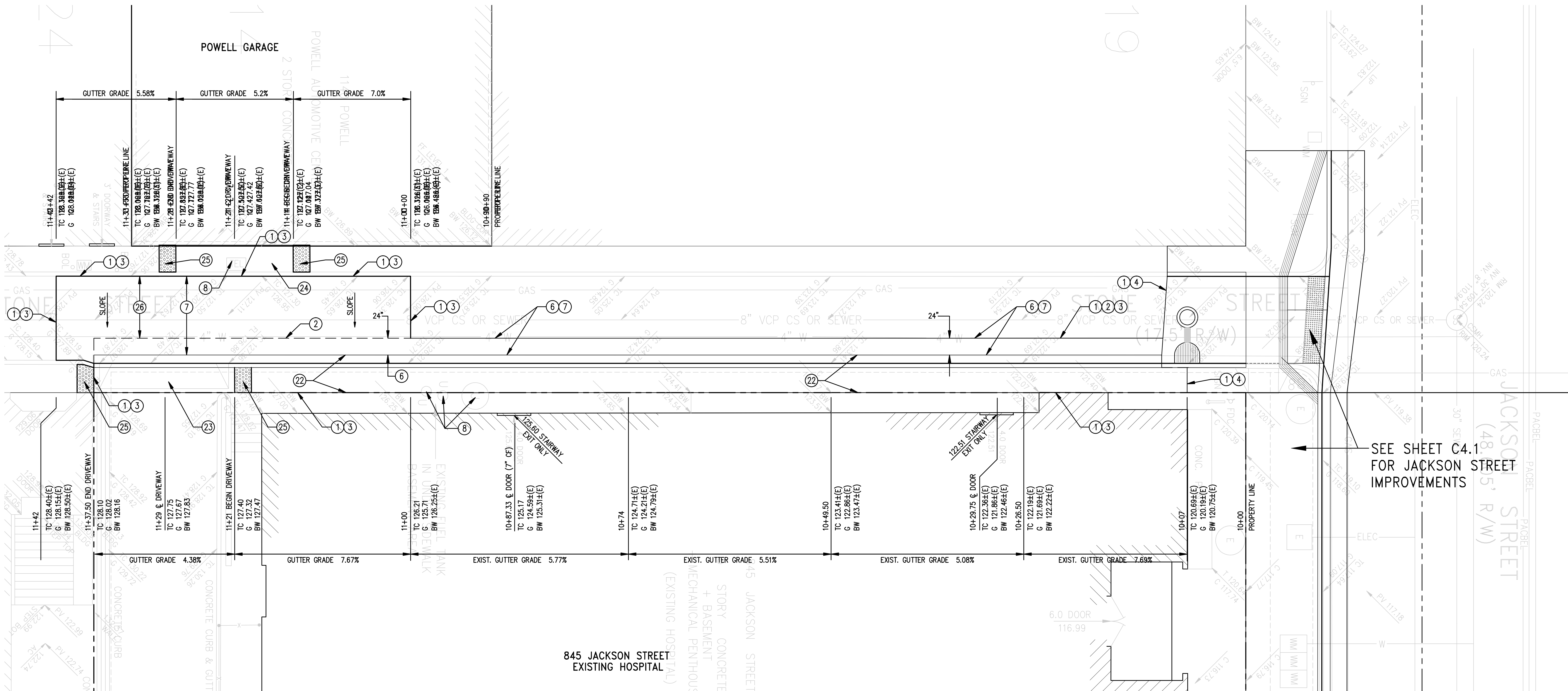
024338

Drawing Number

C4.5

Print Date

10/01/10

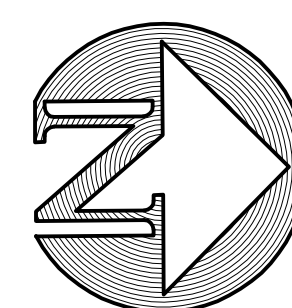


CONSTRUCTION NOTES: (STONE STREET)

- ① LIMIT OF WORK.
- ② SAWCUT LINE.
- ③ MATCH EXISTING.
- ④ MATCH IMPROVEMENTS ON SHEET C4.1.
- ⑥ REMOVE PAVING AND BASE AND CONSTRUCT 8" CONCRETE BASE.
- ⑦ PLACE 2" AC PAVING.
- ⑧ ADJUST TOPS OF BOXES, VAULTS, CLEANOUTS, VALVE COVERS, ETC. TO THE PLANE OF THE NEW PAVING SURFACE.
- ⑫ REMOVE CURB, GUTTER AND SIDEWALK AND CONSTRUCT CONCRETE CURB WITH ±12" WIDE CONCRETE GUTTER AND ±3"-6" WIDE CONCRETE SIDEWALK. (OFFICIAL WIDTH IS 3.5')
- ⑬ CONSTRUCT 16' WIDE, 6" THICK CONCRETE AUTOMOBILE RAMP.
- ⑭ EXISTING SIDEWALK TO BE USED AS A 14 FOOT WIDE CONCRETE AUTOMOBILE RAMP.
- ⑮ APPLY A 24" LONG DOMED SURFACE FOR THE FULL WIDTH OF THE SIDEWALK AT EACH END OF THE DRIVEWAY.
- ⑯ GRIND/PLANE ±2" OF EXISTING PAVING PER CITY STANDARD. THE DEPTH OF GRIND/PLANE TO BE A MINIMUM OF ±2" BELOW PROPOSED FINISH GRADES.

GENERAL NOTES:

1. ALL CONSTRUCTION TO BE UNDERTAKEN IN ACCORDANCE WITH THE CITY OF SAN FRANCISCO STANDARD DETAILS AND SPECIFICATIONS.
2. ELEVATIONS ARE ON CITY OF SAN FRANCISCO DATUM.
3. CONTRACTOR TO MAINTAIN PEDESTRIAN ACCESS AND PEDESTRIAN LOADING AND UNLOADING SPACE IN FRONT OF EXISTING HOSPITAL ON JACKSON STREET 24 HOURS A DAY, 7 DAYS A WEEK. IF THIS CANNOT BE ACCOMPLISHED, CONTRACTOR IS TO COORDINATE WITH HOSPITAL STAFF FOR ALTERNATE ACCESS.
4. CONTRACTOR IS CAUTIONED TO USE CARE IN WORKING ADJACENT TO AND IN THE SIDEWALK ALONG STONE STREET AND JACKSON STREET DUE TO THE PRESENCE OF AN UNDER-SIDEWALK BASEMENT.
5. SEE STRUCTURAL AND WATERPROOFING PLANS FOR ADDITIONAL CONSTRUCTION REQUIREMENTS IN THE VICINITY OF STONE STREET AND JACKSON STREET.



GRAPHIC SCALE



(IN FEET)
1 inch = 5 ft.



845 JACKSON STREET
SAN FRANCISCO, CA

OSHPD # 1S-072017

Facility Number 14621

NEW ACUTE CARE
HOSPITAL & SKILLED
NURSING UNIT

JACOBS

6688 North Central Expressway
Suite 400, MB13
Dallas, TX 75206
Phone: 214.424.7500

CONSULTANTS:

ARUP
MAZZETTI & ASSOCIATES
-T.M. ASSOCIATES, INC.
-BJ ENGINEERS

OWNER CONSULTANTS:

KCA ENGINEERS
SURE ENGINEERS
TREADWELL & ROLLO

BID SET 07-23-12



KCA ENGINEERS INC.
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& LAND SURVEYORS
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(415) 546-7111 OFFICE
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| OSHPD RESUBMITTAL | - | 10.15.12 |
| FOR REVIEW | - | 02.04.13 |
| OSHPD/CCSF RESUBMITTAL | - | 02.19.13 |

Seals and Signatures

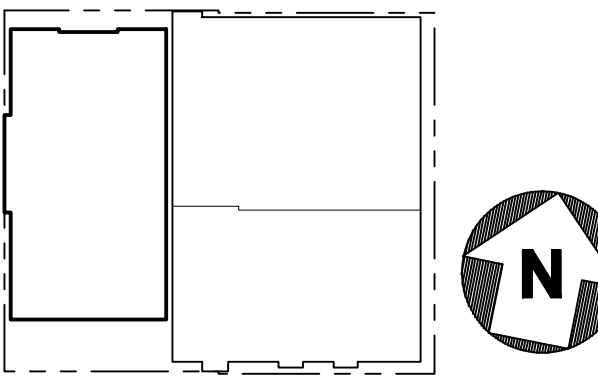
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Office of Statewide Health
Planning and Development
FACILITIES DEVELOPMENT DIVISION

Key Plan



Drawing Title

STREET
IMPROVEMENTS
TRENTON STREET

Project Number

024338

Drawing Number

C4.6

Print Date

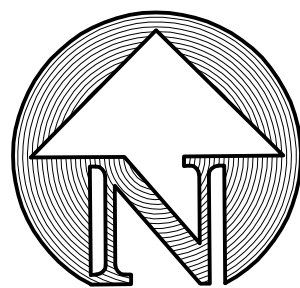
10/01/10

CONSTRUCTION NOTES:

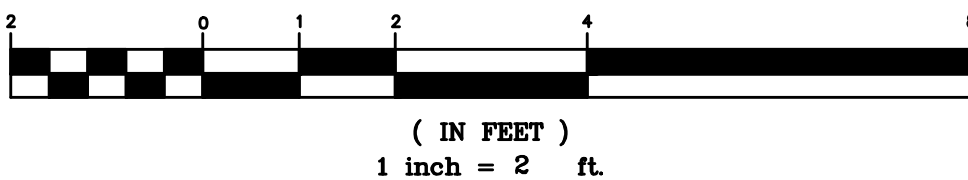
1. LIMIT OF WORK.
2. SAWCUT LINE.
3. MATCH EXISTING.
4. MATCH LOADING RAMP FOR NEW HOSPITAL BUILDING.
5. REMOVE PAVING, BASE, FLUSH CURB, SIDEWALK, ETC.
6. CONSTRUCT CONCRETE CURB WITH $\pm 3'$ WIDE CONCRETE SIDEWALK. (OFFICIAL WIDTH 3.5')
7. ADJUST MANHOLE COVER INTO THE PLANE OF THE NEW PAVING.
8. REMOVE EXISTING CATCH BASIN AND CONSTRUCT STANDARD CITY CATCH BASIN WITHOUT CURB INLET AND WITH CAST IRON TRAP.
9. CONSTRUCT 8" THICK CONCRETE VALLEY GUTTER WITH #4 BARS EACH WAY TOP AND BOTTOM AT 12" SPACING TO GRADES SHOWN, ON 8" CONCRETE BASE.
10. CONSTRUCT 3" THICK AC PAVING ON 8" CONCRETE BASE.
11. CONNECT NEW CATCH BASIN TO EXISTING STORM DRAIN PIPE WITH SAME SIZE AND MATERIAL STORM DRAIN PIPE. VERIFY ELEVATION PRIOR TO CONSTRUCTING CATCH BASIN.

GENERAL NOTES:

1. ALL CONSTRUCTION TO BE UNDERTAKEN IN ACCORDANCE WITH THE CITY OF SAN FRANCISCO STANDARD DETAILS AND SPECIFICATIONS.
2. ELEVATIONS ARE ON CITY OF SAN FRANCISCO DATUM.
3. CONTRACTOR IS TO EXERCISE CARE WHILE WORKING IN THIS AREA BECAUSE OF THE PRESENCE OF SCHOOL CHILDREN.
4. PRIOR TO UNDERTAKING THIS CONSTRUCTION CONTRACTOR IS TO VERIFY THE EXISTING ELEVATIONS.
5. NEW PAVING AND STRIPING HAS RECENTLY BEEN CONSTRUCTED BY THE ADJACENT SCHOOL. CONTRACTOR TO REPLACE ANY STRIPING DAMAGED BY CONSTRUCTION.



GRAPHIC SCALE





845 JACKSON STREET
SAN FRANCISCO, CA

OSHPD # 18-072017

Facility Number 14621

NEW ACUTE CARE
HOSPITAL & SKILLED
NURSING UNIT

JACOBS

6688 North Central Expressway
Suite 400, MB13
Dallas, TX 75206
Phone: 214.424.7500

CONSULTANTS:

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BJ ENGINEERS

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| OSHPD RESUBMITTAL | - | 10.15.12 |
| FOR REVIEW | - | 02.04.13 |
| OSHPD/CCSF RESUBMITTAL | - | 02.19.13 |

Seals and Signatures

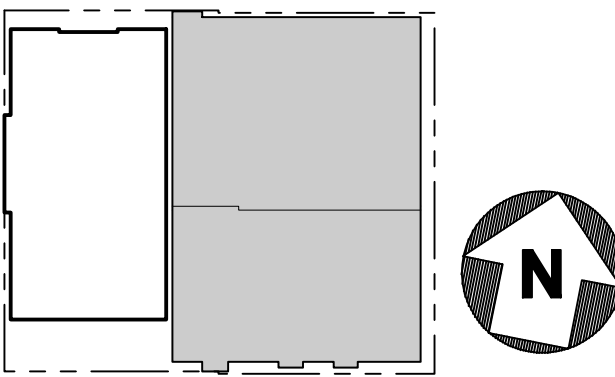
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Planning and Development
FACILITIES DEVELOPMENT DIVISION

Key Plan



Drawing Title

GRADING PLAN
BEHIND EXISTING
HOSPITAL

Project Number

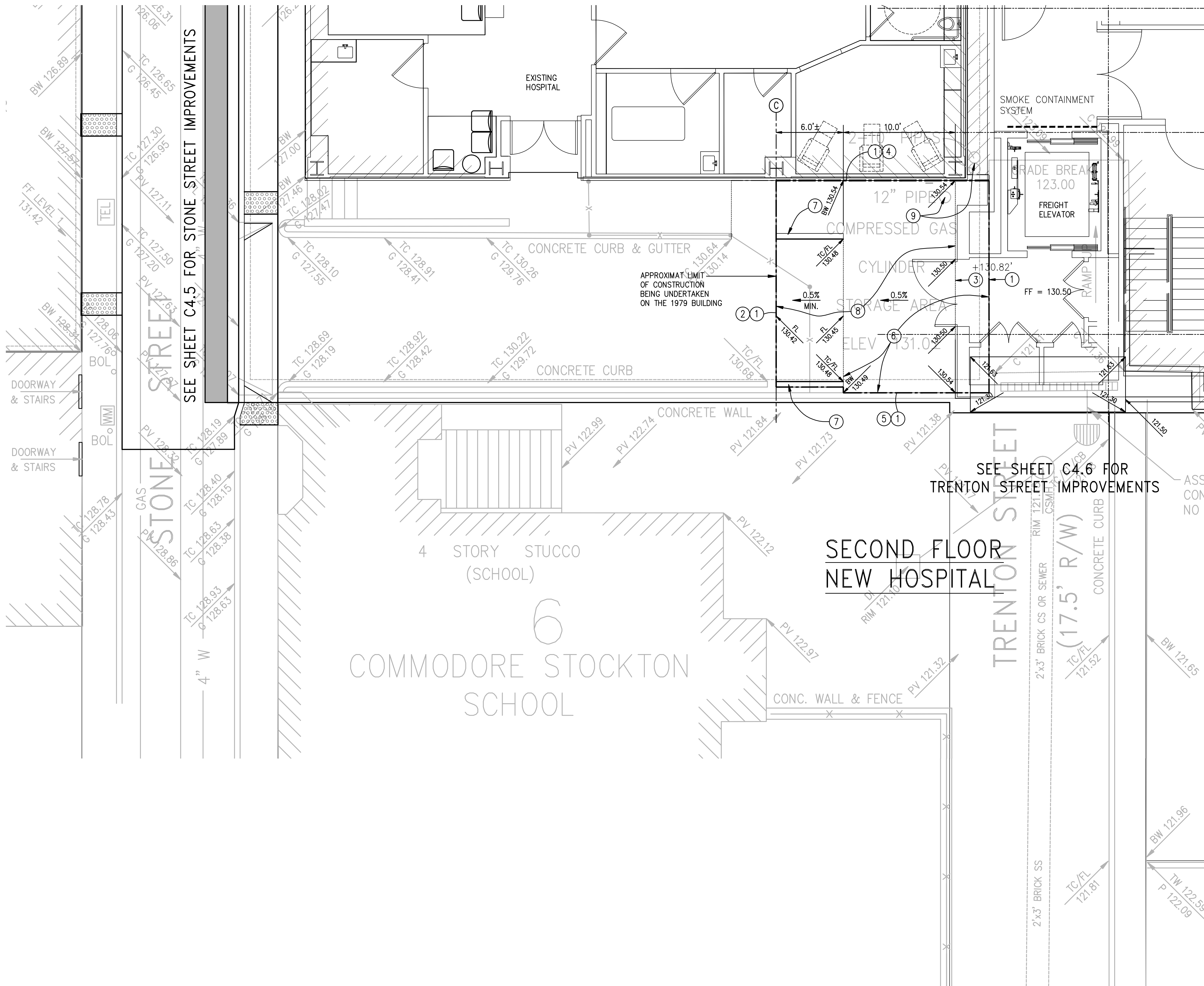
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Drawing Number

C5.1

Print Date

10/01/10

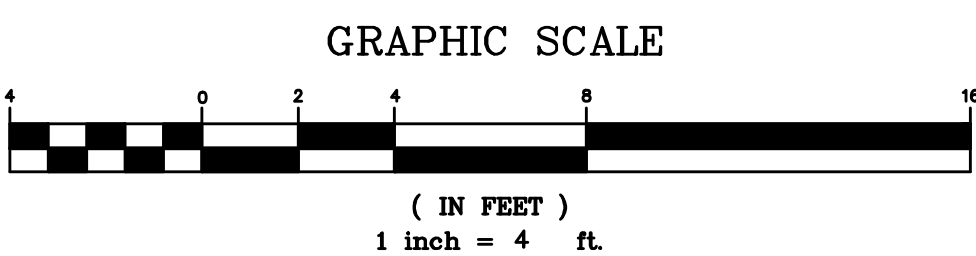


CONSTRUCTION NOTES:

1. LIMIT OF WORK
2. MATCH EXISTING
3. MATCH PROPOSED HOSPITAL
4. MATCH EXISTING HOSPITAL
5. MATCH EXISTING WALL
6. REMOVE FENCING, TEMPORARY PAVING, CURB, SIDEWALK AND MEDICAL GAS ENCLOSURES.
7. CONSTRUCT NEW CURB. APPLY TO EXISTING STRUCTURE PER CALTRANS STANDARD A87 WITH 8" LONG #4 DOWELS GROUTED INTO HOLES AT ± 5' SPACING.
8. CONSTRUCT CONCRETE PAVING AS NECESSARY TO CONFORM TO GRADES SHOWN. AFTER DEMOLITION THE ENGINEER WILL ISSUE A SKETCH ADJUSTING GRADES IF NECESSARY TO MINIMIZE THE IMPACT ON THE BASEMENT STRUCTURE. CONCRETE PAVING TO HAVE A BROOMED FINISH WITH APPROXIMATELY 36" SPACING ON SCORE LINES.
9. PROTECT EXISTING PIPES IN PLACE.

GENERAL NOTES:

1. ALL CONSTRUCTION TO BE UNDERTAKEN IN ACCORDANCE WITH THE CITY OF SAN FRANCISCO STANDARD DETAILS AND SPECIFICATIONS.
2. ELEVATIONS ARE ON CITY OF SAN FRANCISCO DATUM.
3. CONTRACTOR IS CAUTIONED TO USE EXTREME CARE WHILE WORKING IN THIS AREA IN ORDER TO NOT DAMAGE THE EXISTING BASEMENT ROOF SURFACE.
4. EXISTING MEDICAL GAS FACILITIES TO BE RELOCATED IN ACCORDANCE WITH PLANS BEING PREPARED BY OTHERS.
5. PRIOR TO PLACING NEW PAVING, ARCHITECT WILL DETERMINE IF A WATER PROOFING MEMBRANE NEEDS TO BE INSTALLED.
6. THIS WORK TO BE COORDINATED WITH THE DESIGN PREPARED BY PERKINS EASTMAN ARCHITECTS FOR THE 1979 BUILDING, WHICH WILL PROBABLY HAVE BEEN COMPLETED AT THE TIME THIS WORK IS TO BE UNDERTAKEN.





845 JACKSON STREET
SAN FRANCISCO, CA

OSHPD # 18-072017

Facility Number 14621

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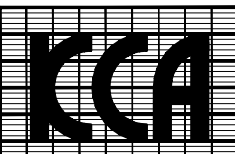
CONSULTANTS:

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| REVISED TERRACES | - | 01.25.13 |
| FOR REVIEW | - | 02.04.13 |
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Seals and Signatures

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GENERAL NOTES:

1. THIS PLAN IS FOR DETERMINING ELEVATIONS FOR THE TOPPING SLAB/FINISH SURFACE ONLY. SEE ARCHITECTURAL PLANS FOR PAVING MATERIALS, STAIR DETAILS, DRAINAGE AND ALL OTHER CONSTRUCTION ITEMS.

2. CONTRACTOR TO VERIFY THE LOCATION OF COLUMNS AND LEDGES AND NOTIFY ENGINEER, SO THAT FINISH GRADES CAN BE ADJUSTED TO ASSURE ADA COMPLIANCE.

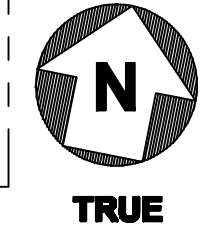
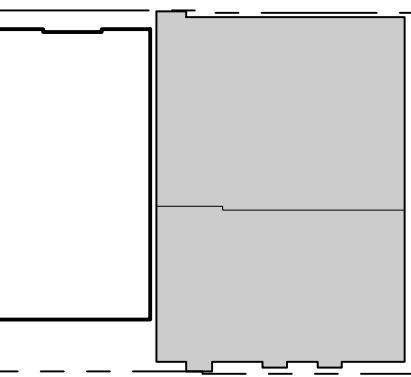
CONSTRUCTION NOTES:

- MATCH NEW STREET CONSTRUCTION
- 36" ACCESS MANHOLE TO FIRE PROTECTION STORAGE TANK. SEE ARCHITECTURAL PLANS FOR SURFACE TREATMENT OF THE MANHOLE COVER. SEE STRUCTURAL PLANS FOR CONSTRUCTION DETAILS FOR MANHOLE FRAME.



Office of Statewide Health
Planning and Development
FACILITIES DEVELOPMENT DIVISION

Key Plan



Drawing Title

GRADING PLAN
FRONT OF
NEW HOSPITAL

Project Number

024338

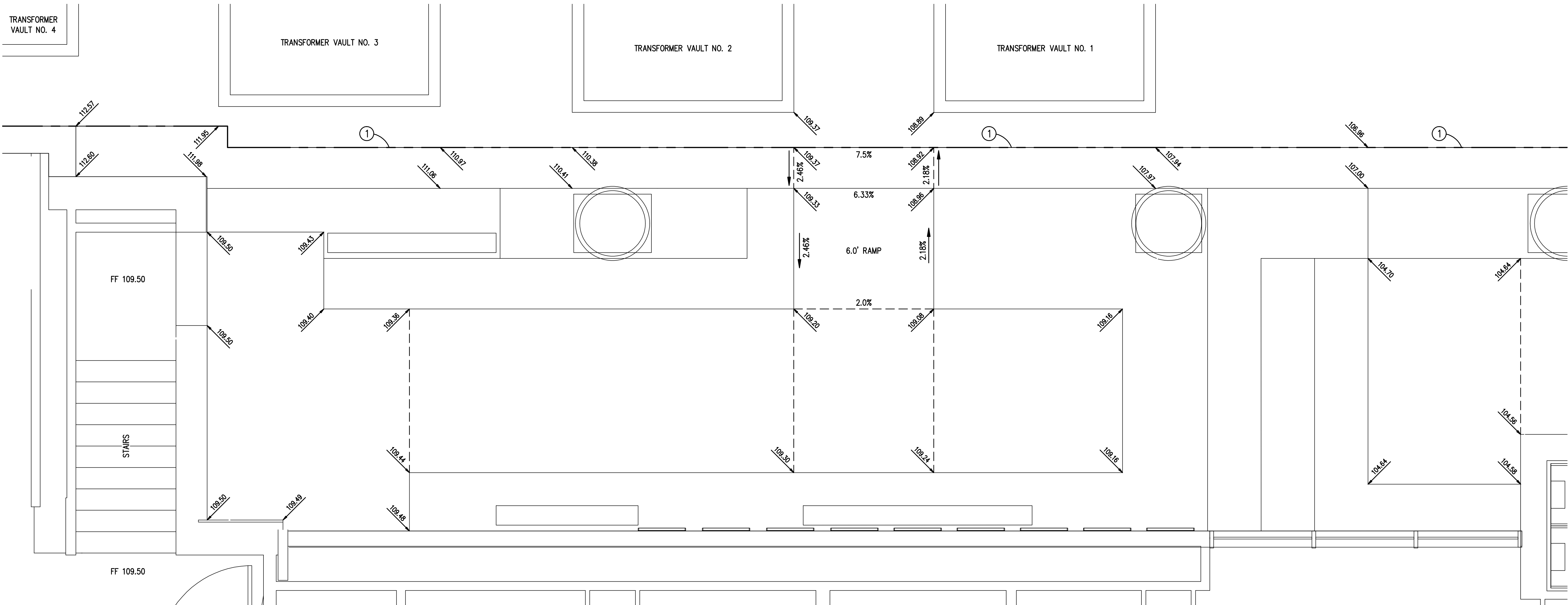
Drawing Number

C5.2

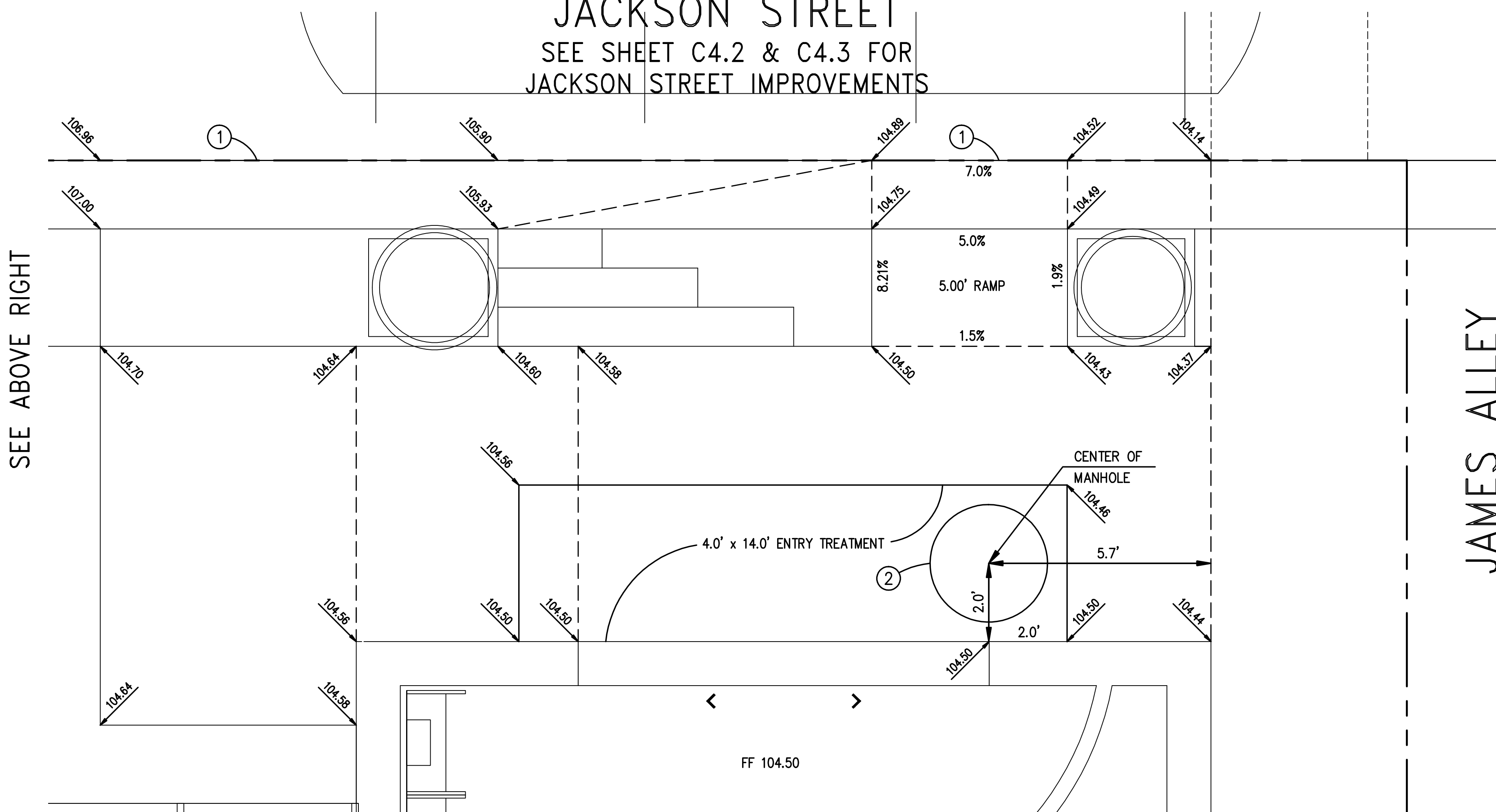
Print Date

10/01/10

JACKSON STREET
SEE SHEET C4.2 & C4.3 FOR
JACKSON STREET IMPROVEMENTS

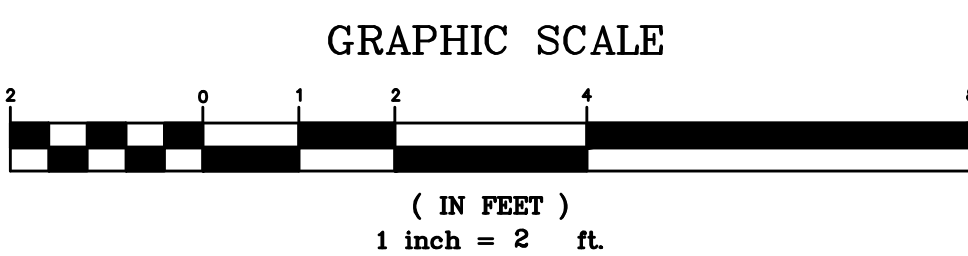


JACKSON STREET
SEE SHEET C4.2 & C4.3 FOR
JACKSON STREET IMPROVEMENTS



JAMES ALLEY
SEE SHEET C4.4

PRELIMINARY PLAN
FOR REVIEW ~ 01.28.13





CHINESE HOSPITAL
845 JACKSON STREET
SAN FRANCISCO, CA

OSHPD # 18-072017
Facility Number 14621

NEW ACUTE CARE HOSPITAL & SKILLED NURSING UNIT

JACOBS

6688 North Central Expressway
Suite 400, MB13
Dallas, TX 75206
Phone: 214.424.7500

CONSULTANTS:

ARUP
MAZZETTI & ASSOCIATES
- F.W. ASSOCIATES, INC. -
- B.J. ENGINEERS

OWNER CONSULTANTS:

KCA ENGINEERS
SURE ENGINEERS
TREADWELL & ROLLO

BID SET 07-23-12



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& LAND SURVEYORS
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SAN FRANCISCO, CA 94107
(415) 546-7111 OFFICE
(415) 546-9472 FAX
KCA JOB NO. 5550

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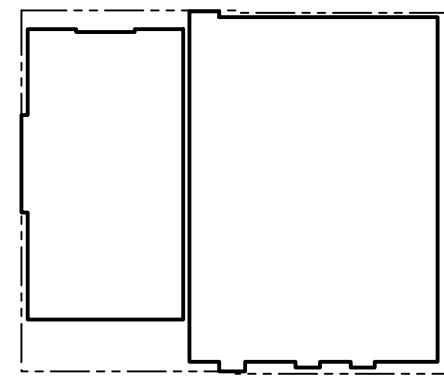
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Key Plan



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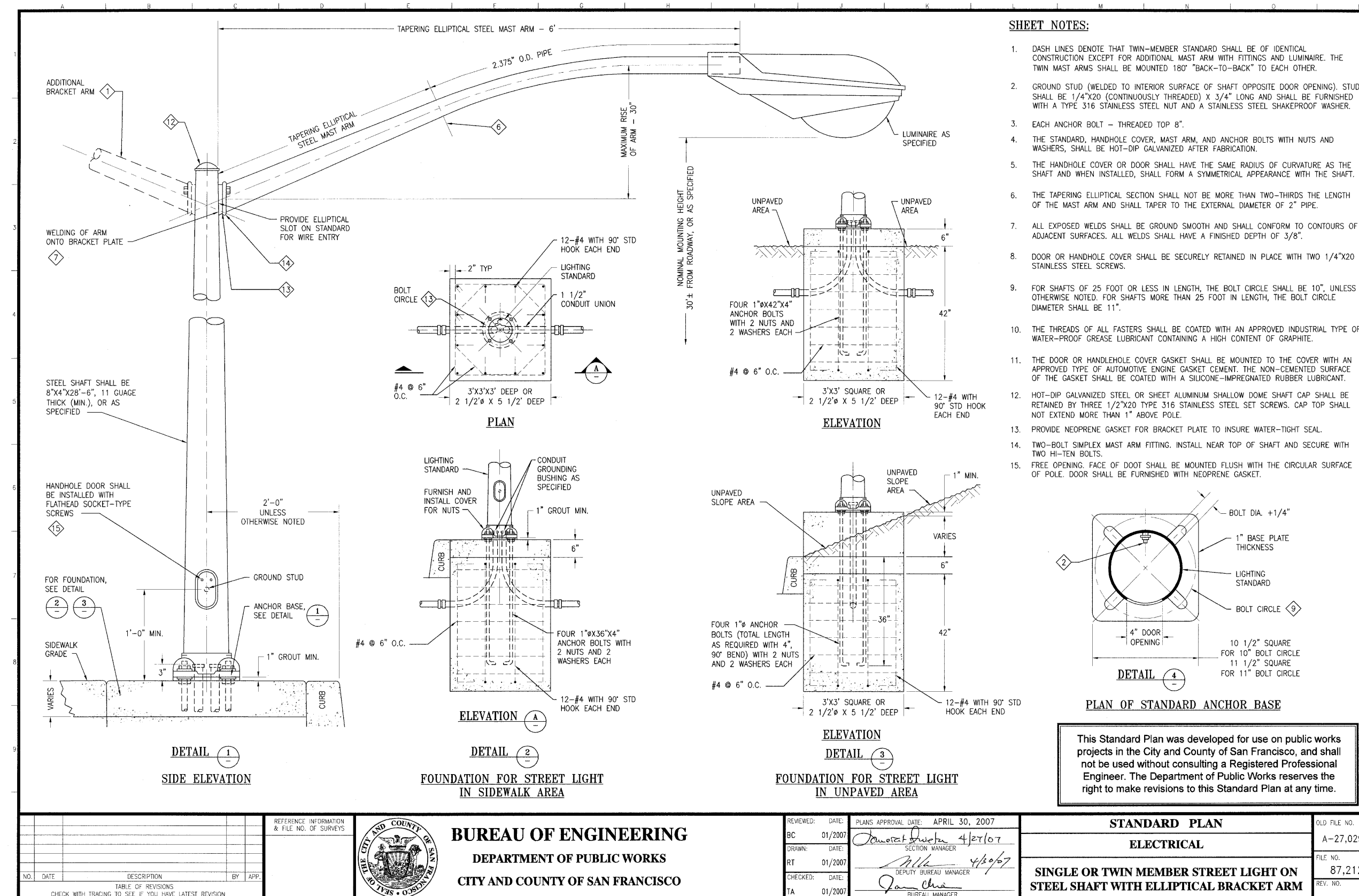
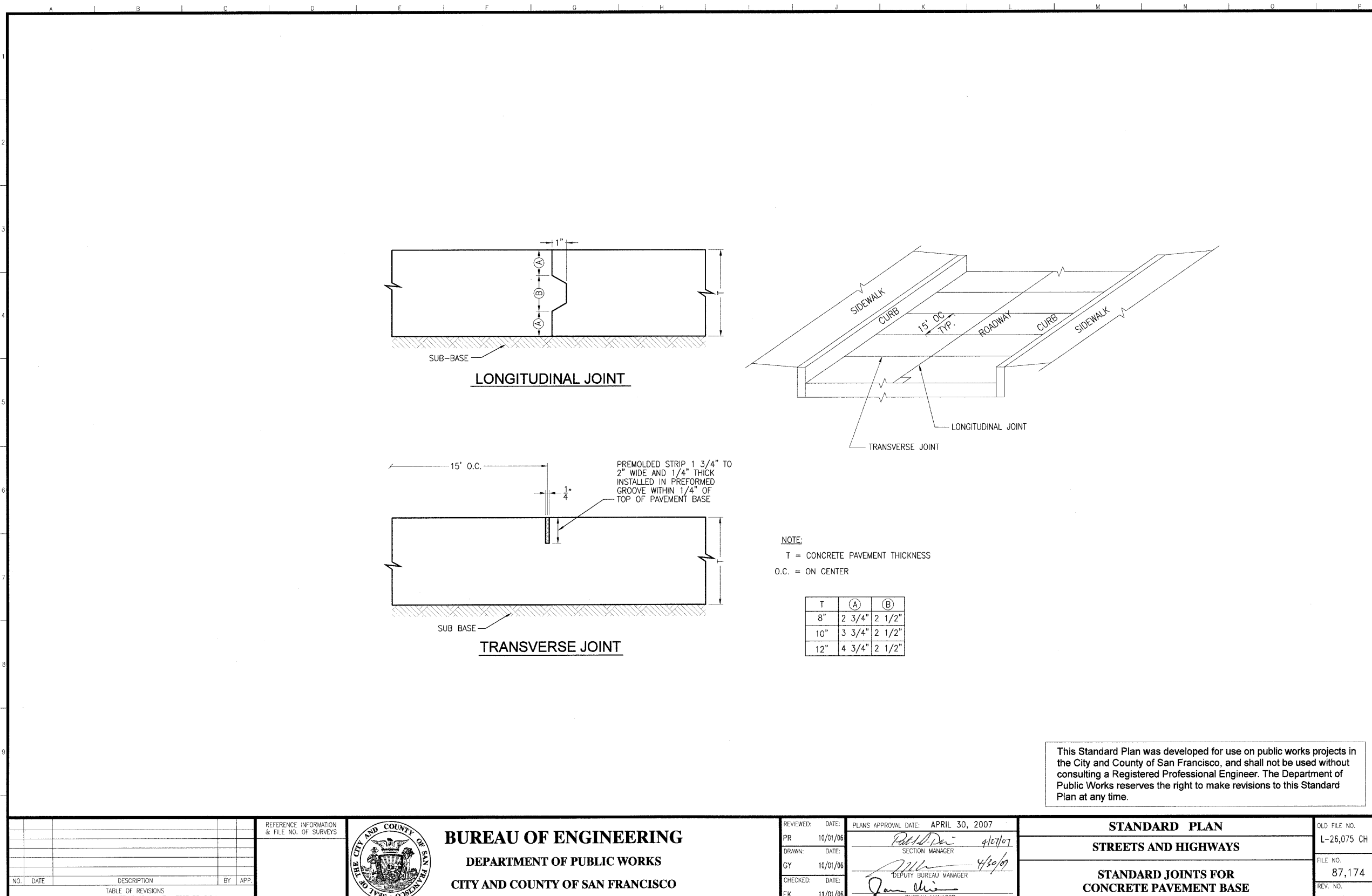
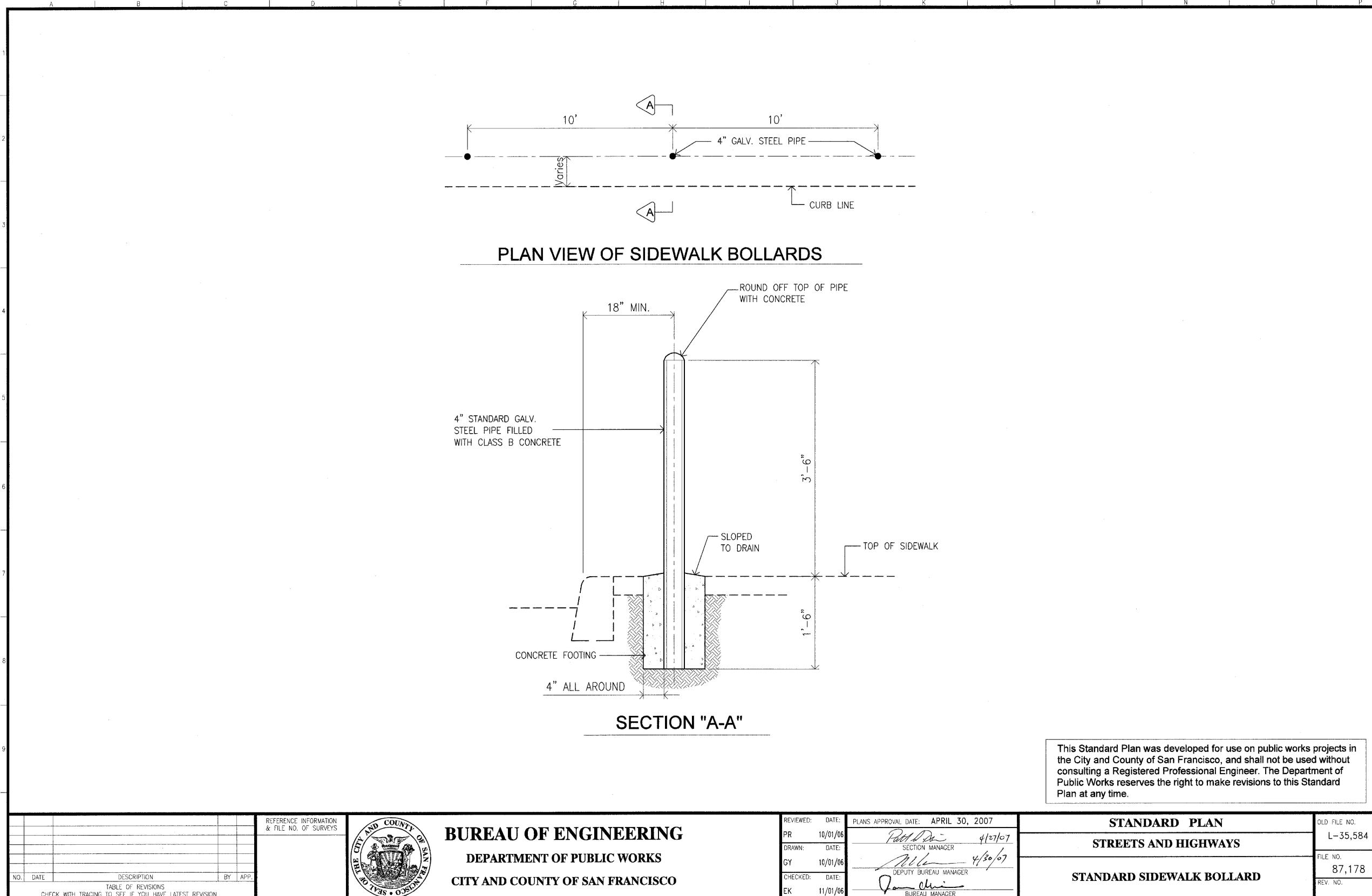
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Drawing Number

C6.1

Print Date

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**CHINESE
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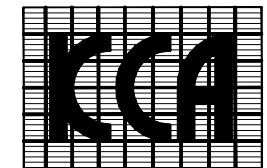
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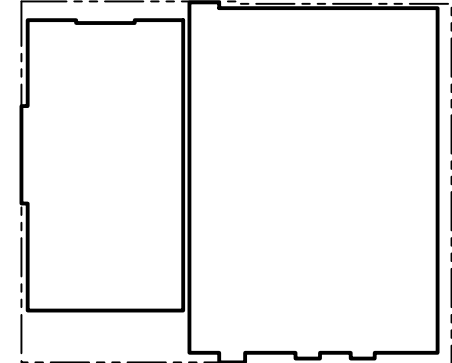
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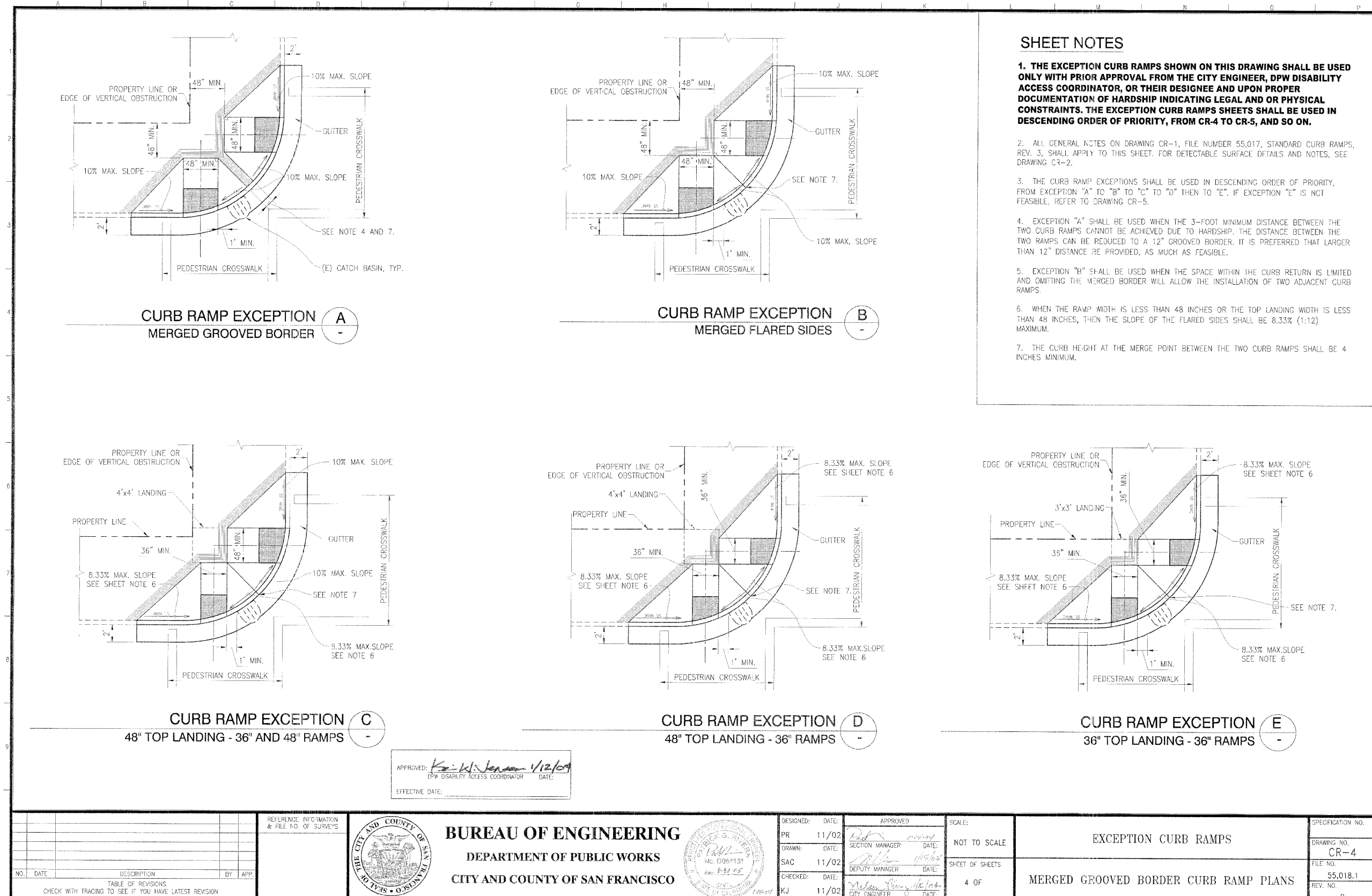
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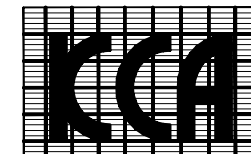
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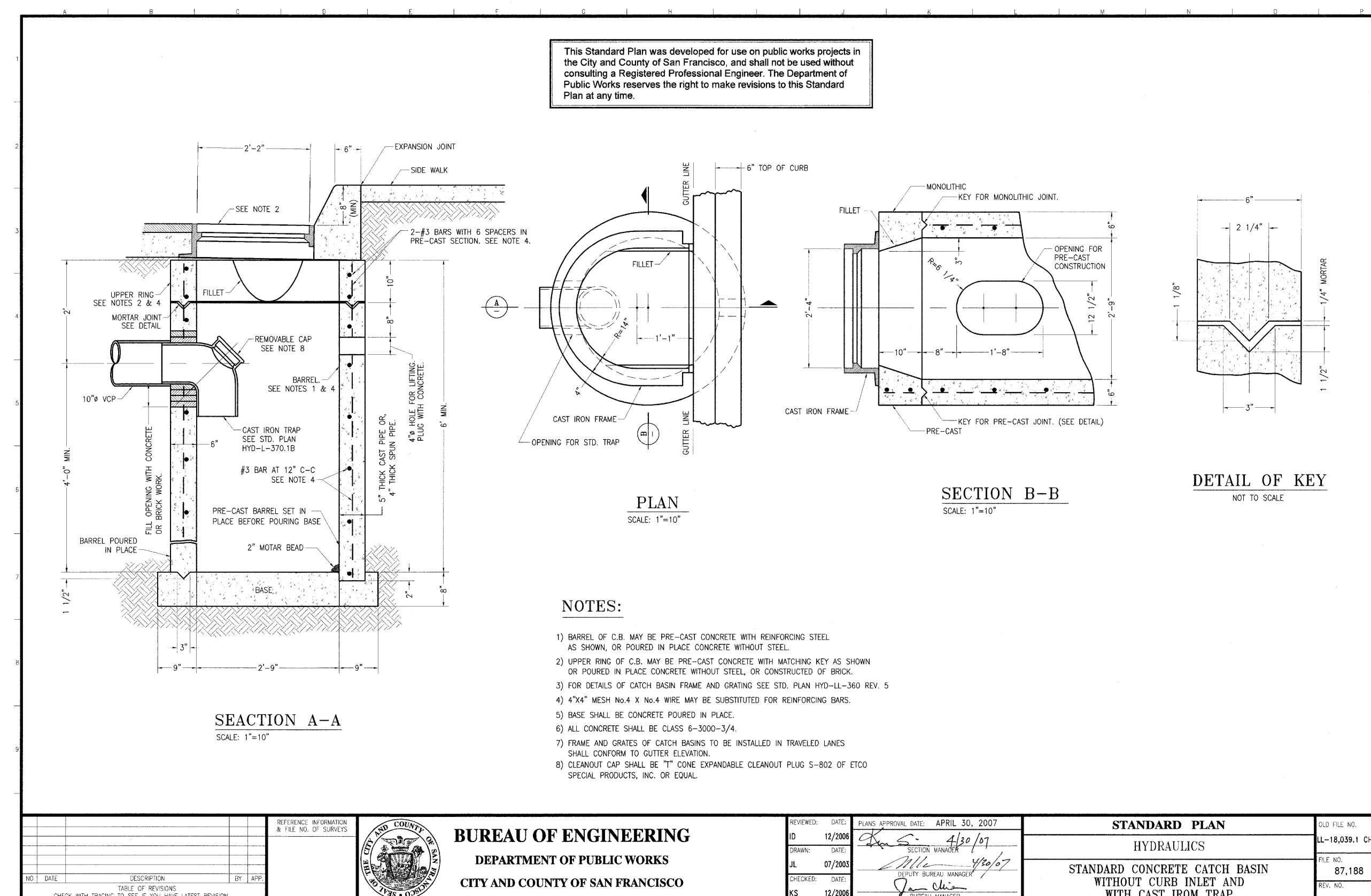
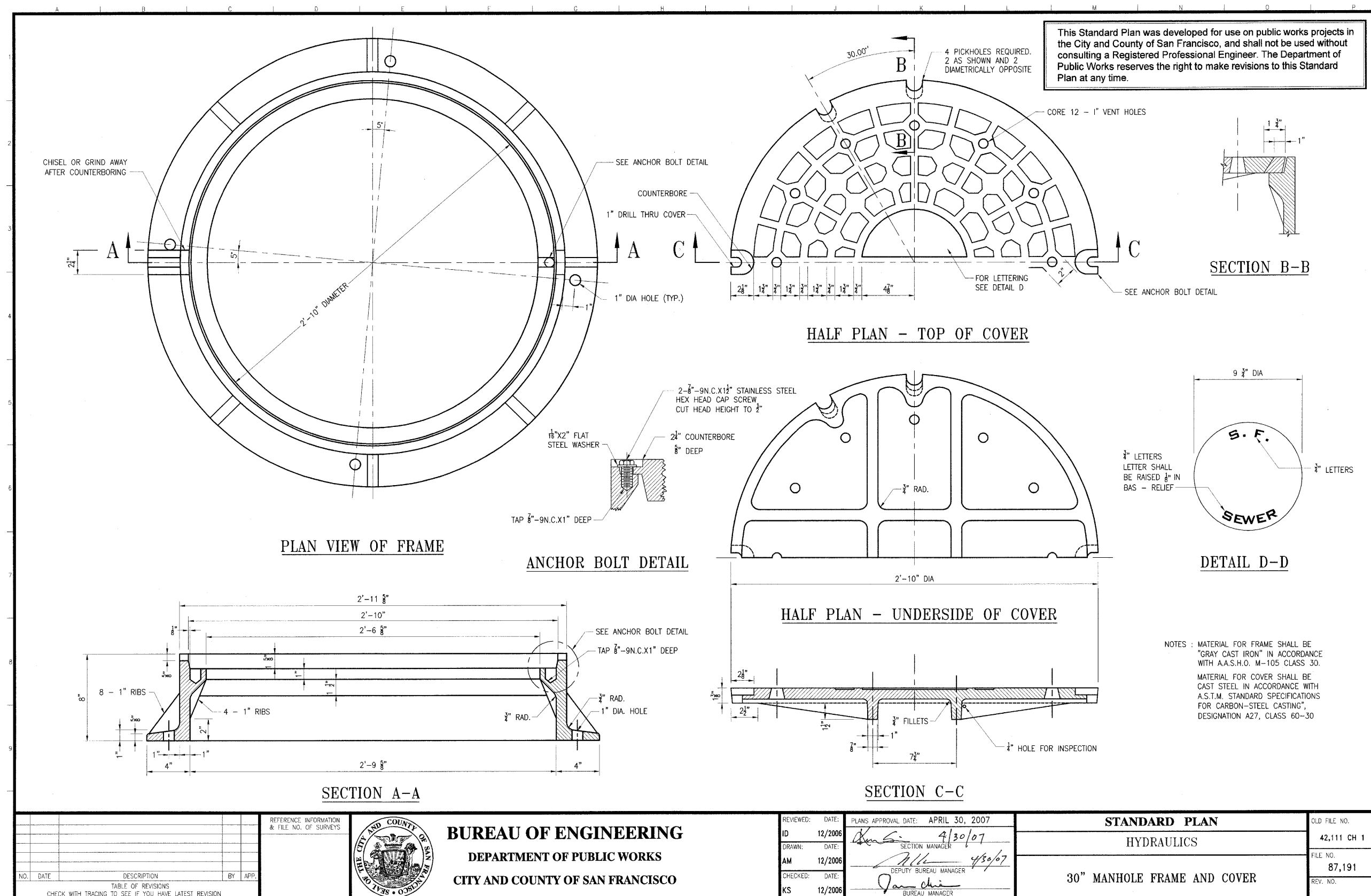
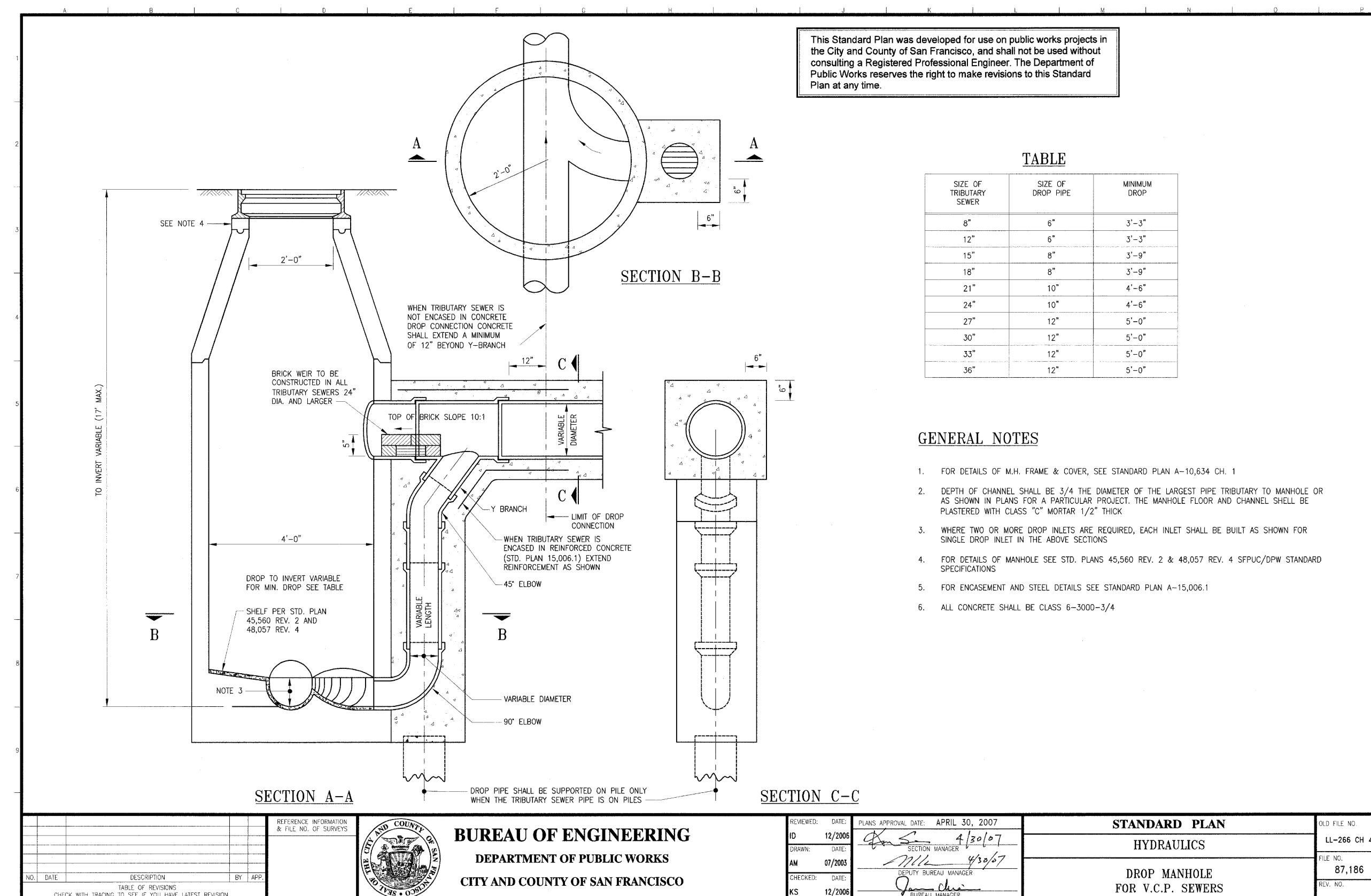
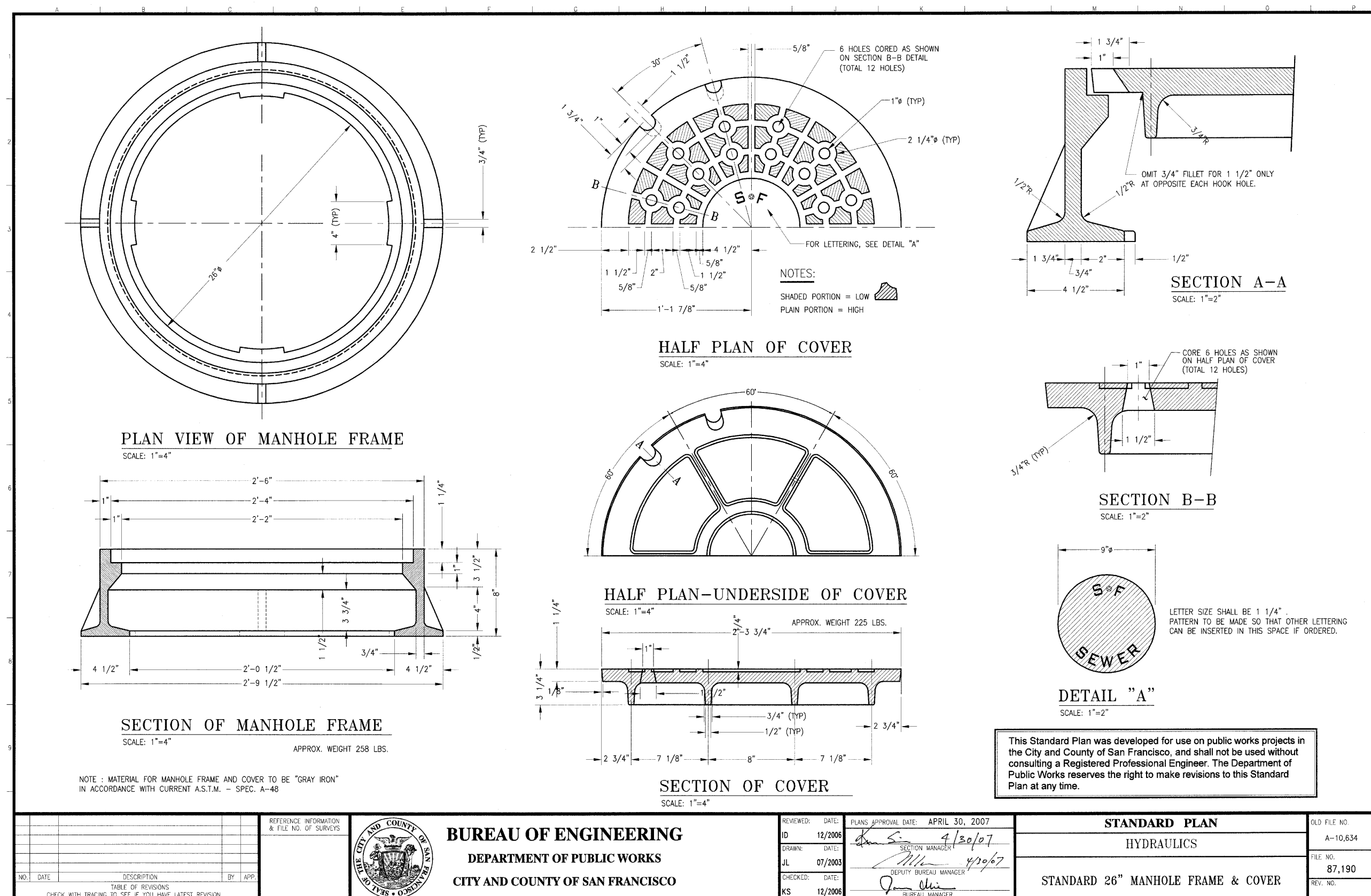
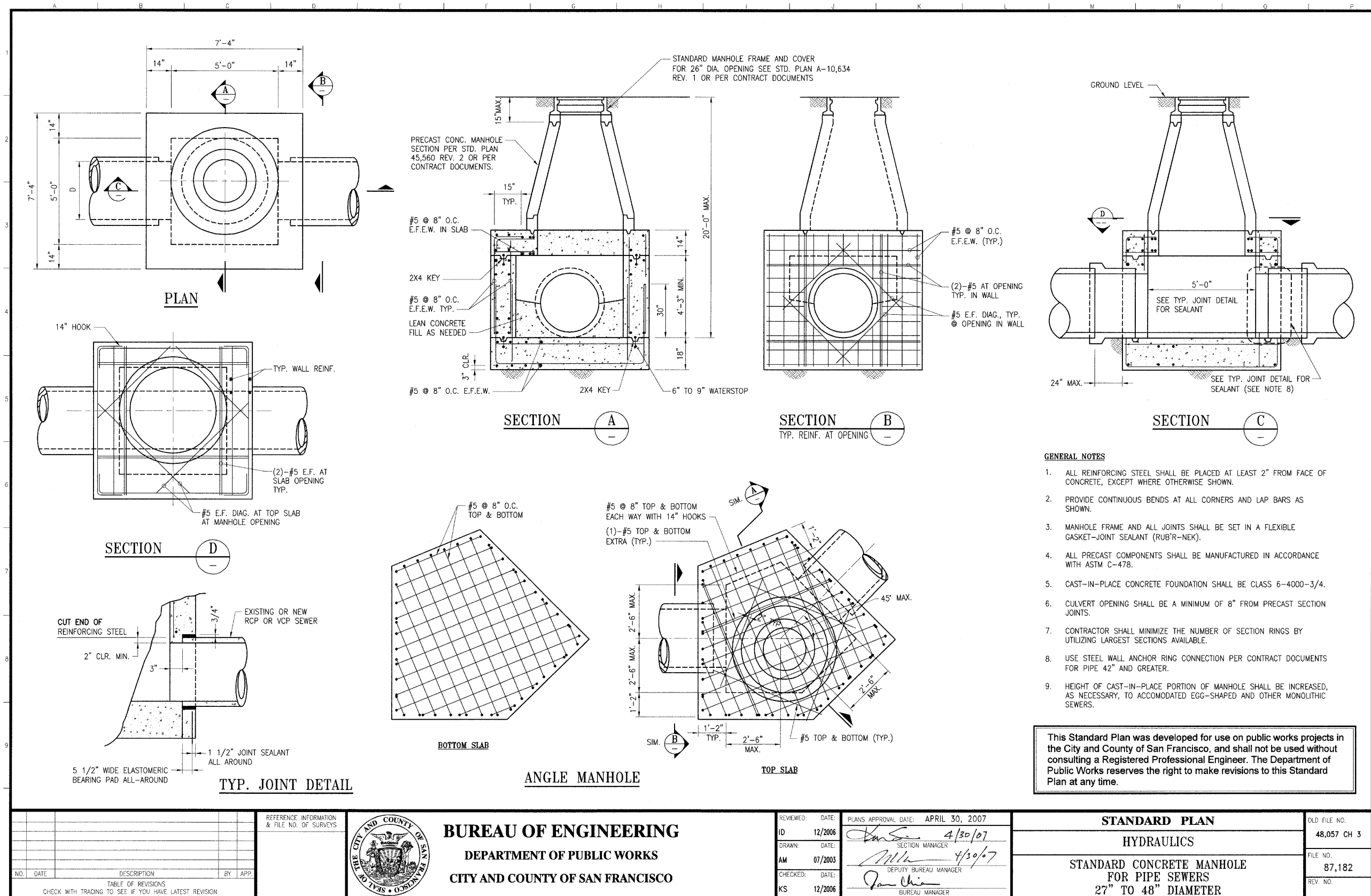
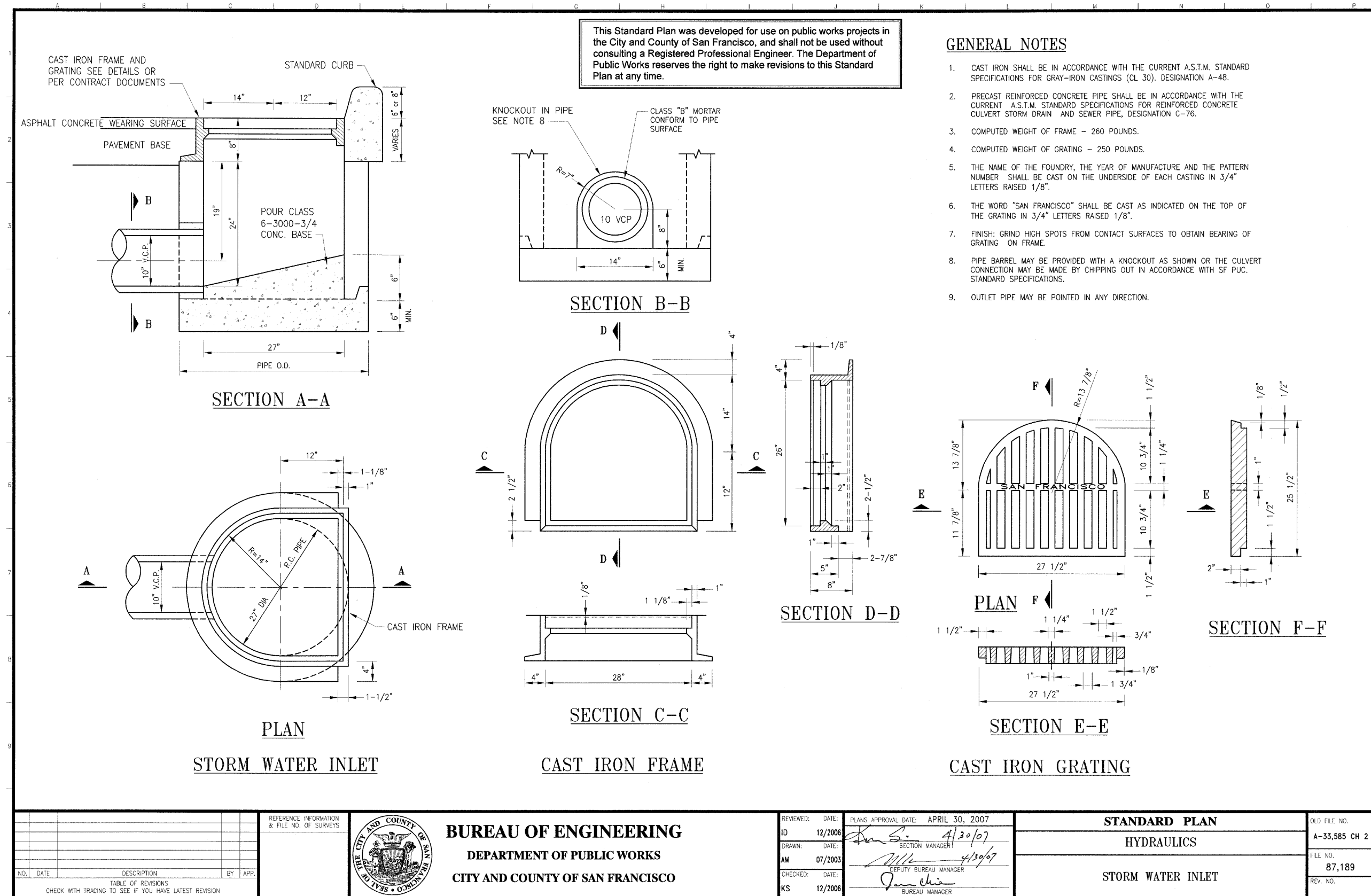


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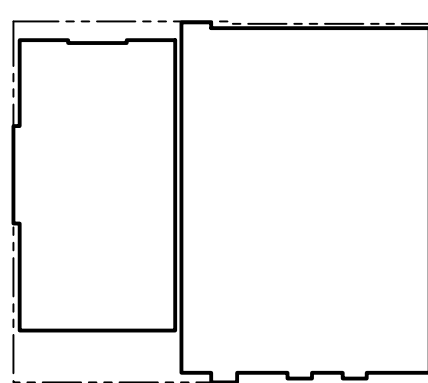
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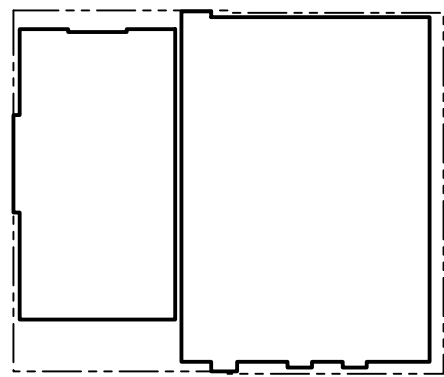
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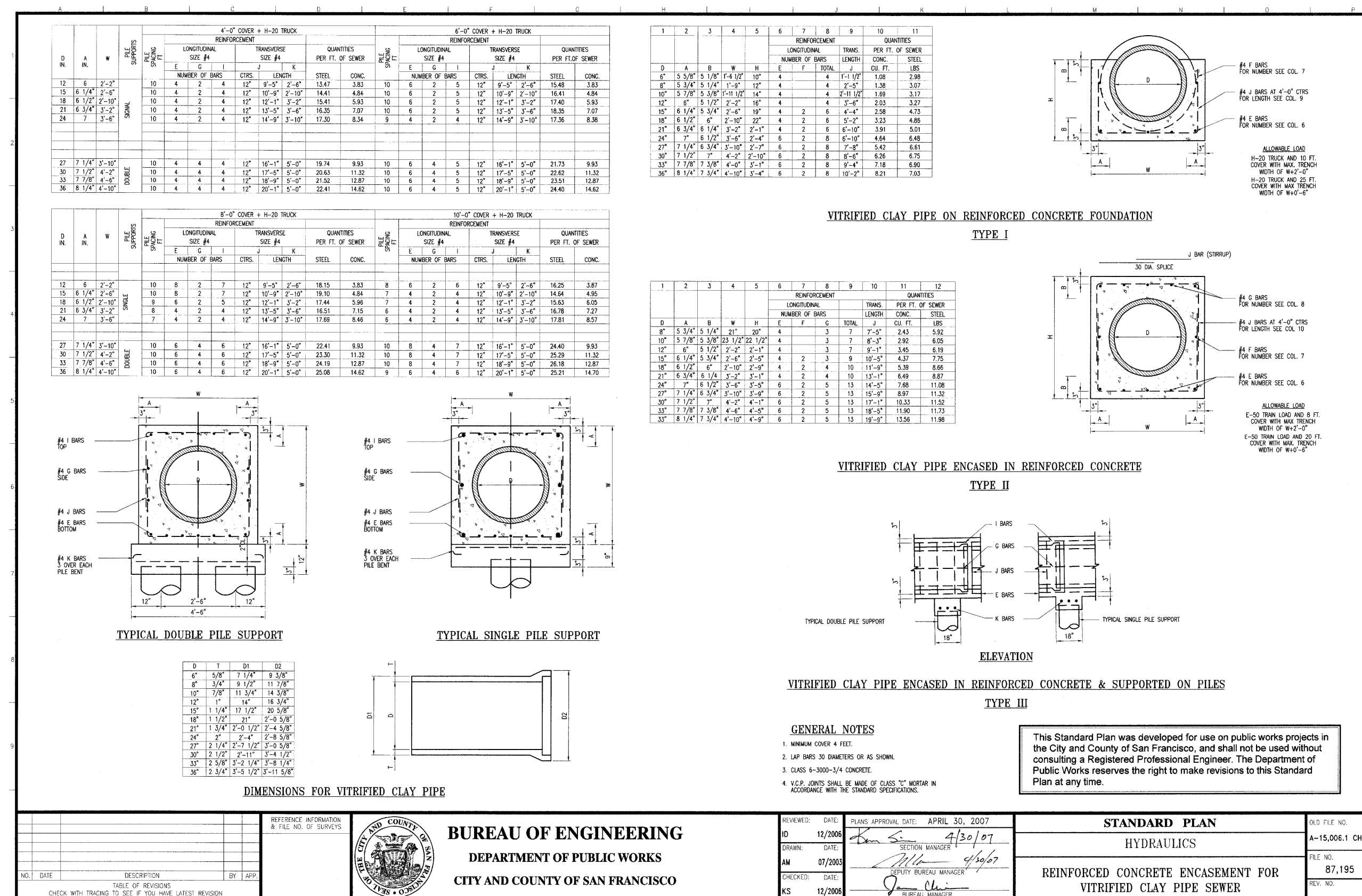
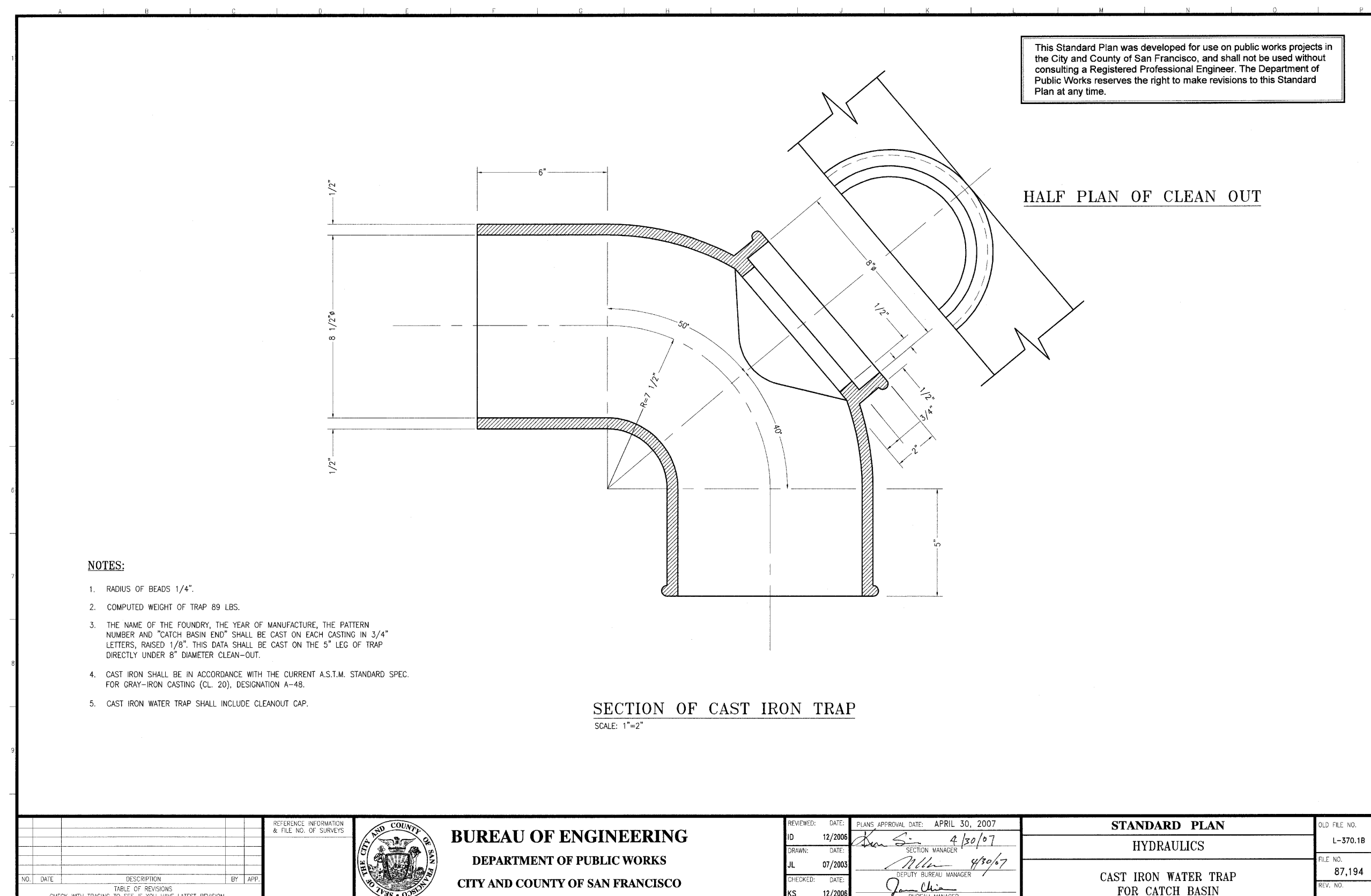
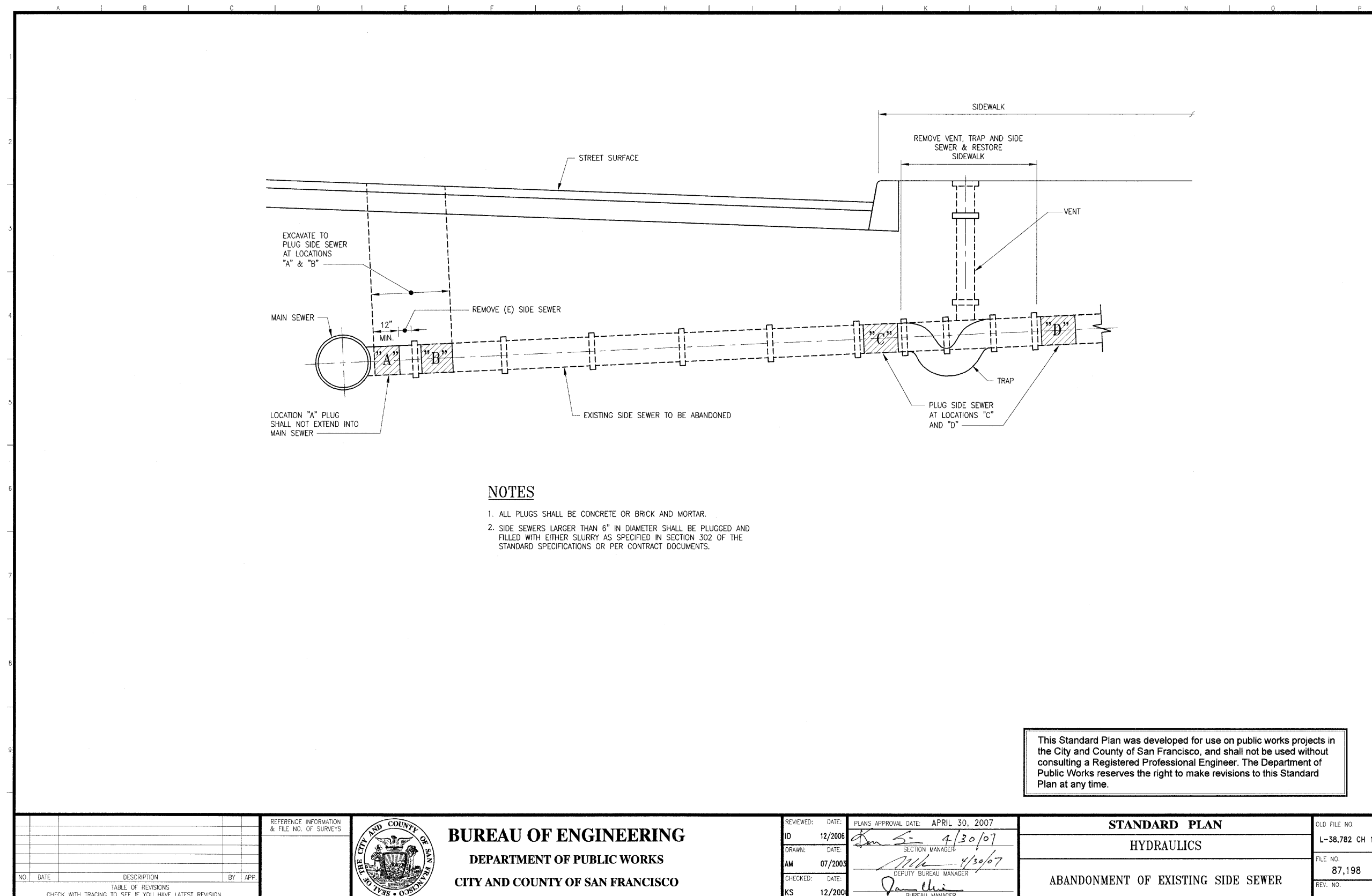
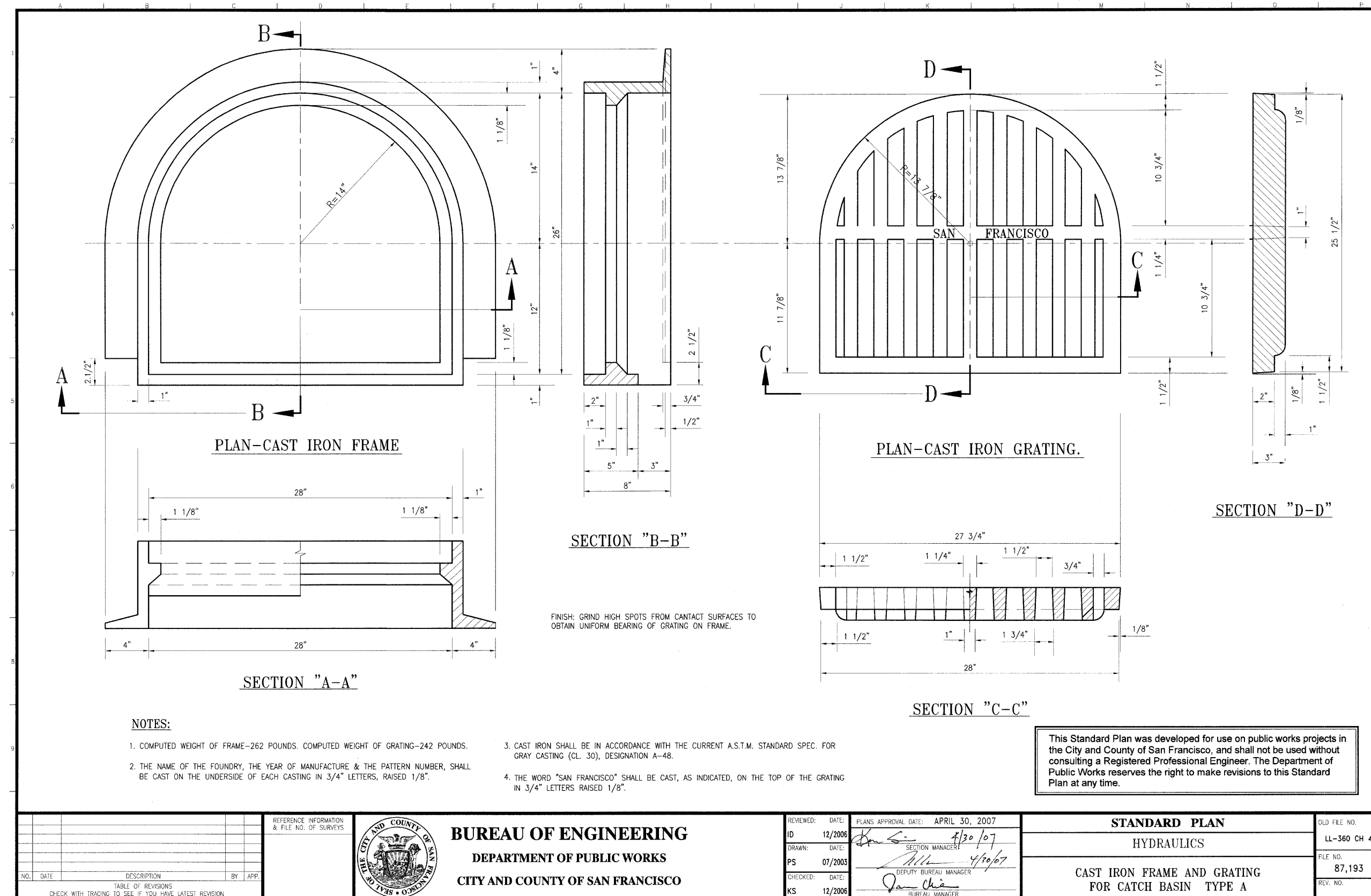
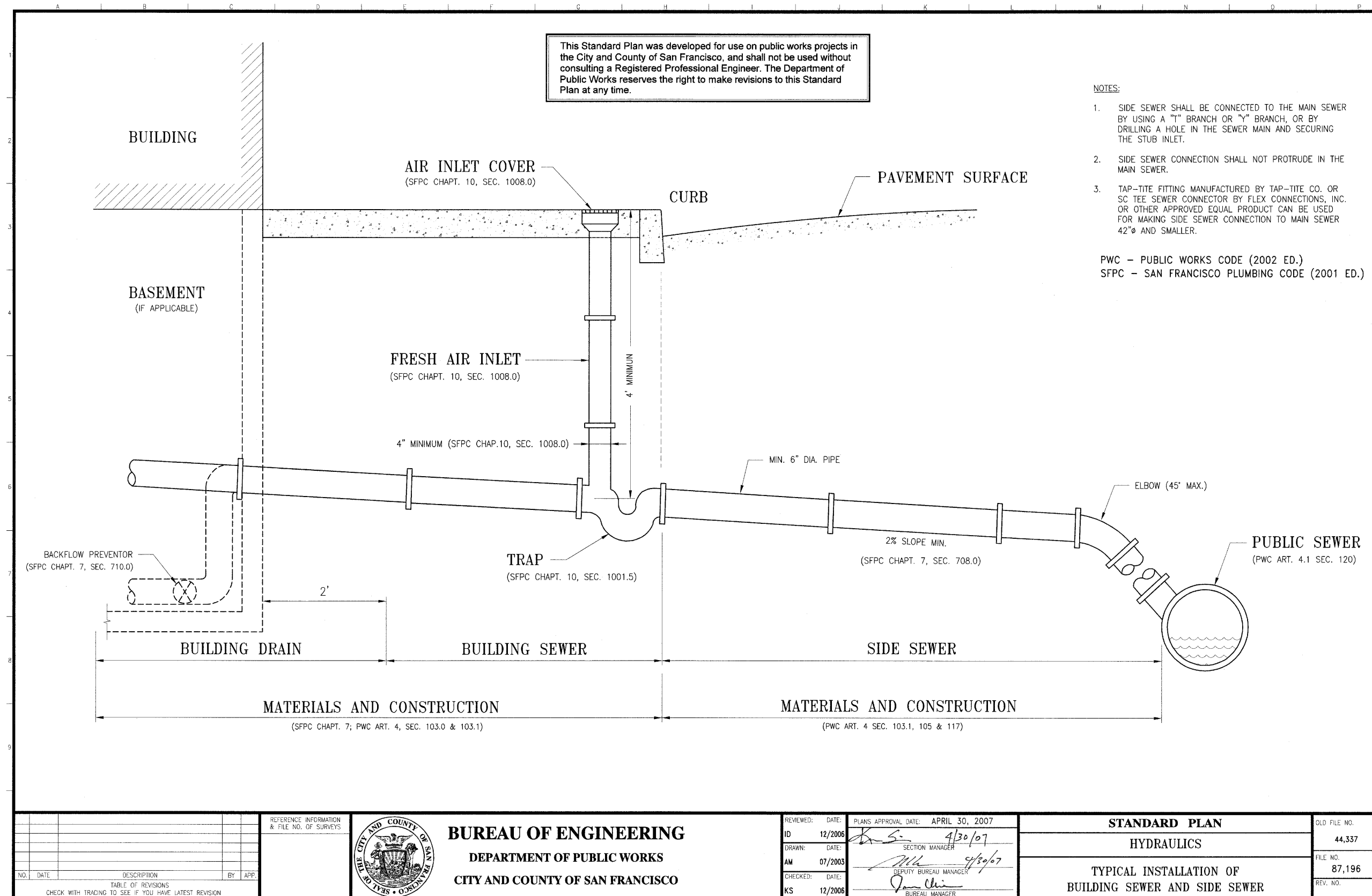
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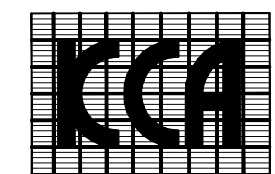
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FACILITIES DEVELOPMENT DIVISION

Key Plan



Drawing Title

DETAILS

Project Number

024338

Drawing Number

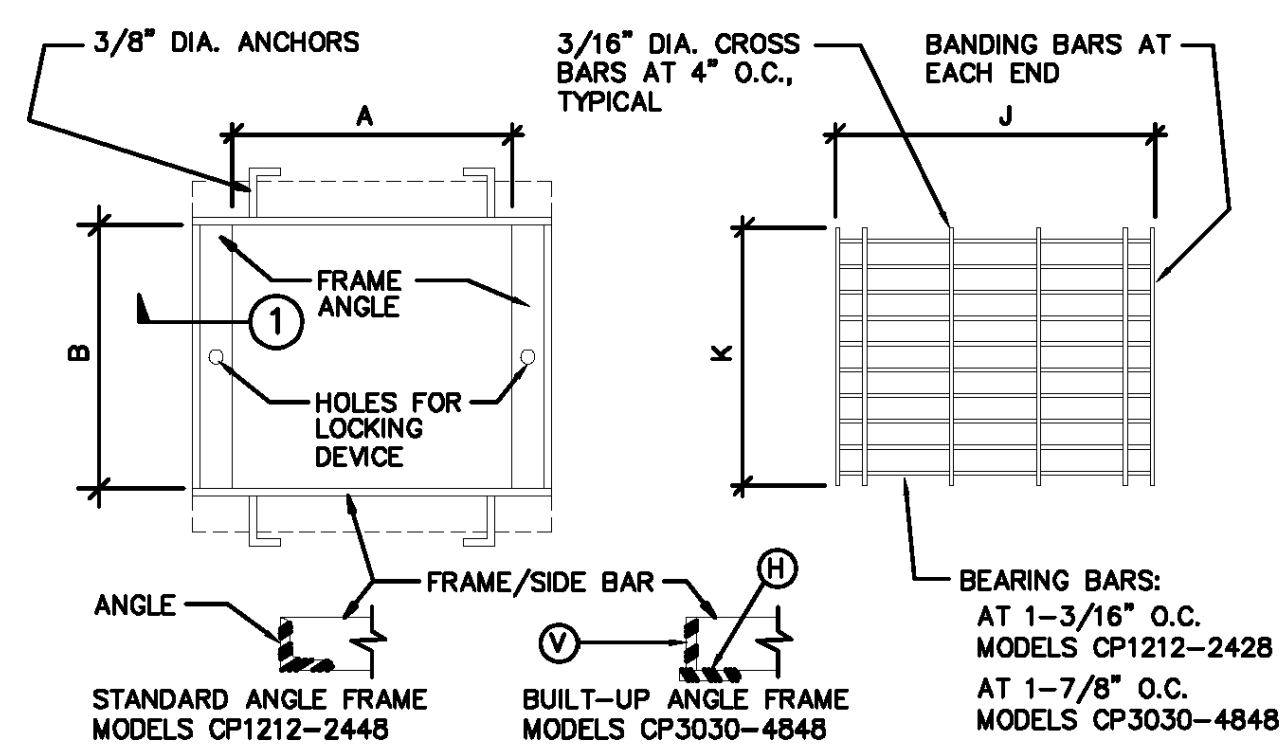
C6.5

Print Date

10/01/10



Title: TRAFFIC (H20) BICYCLE-PROOF FRAMES & GRATES FOR DROP INLETS
Date: 05/15/03
Rev: 02/24/04
Dwg. No. TG
Page No. 1-9

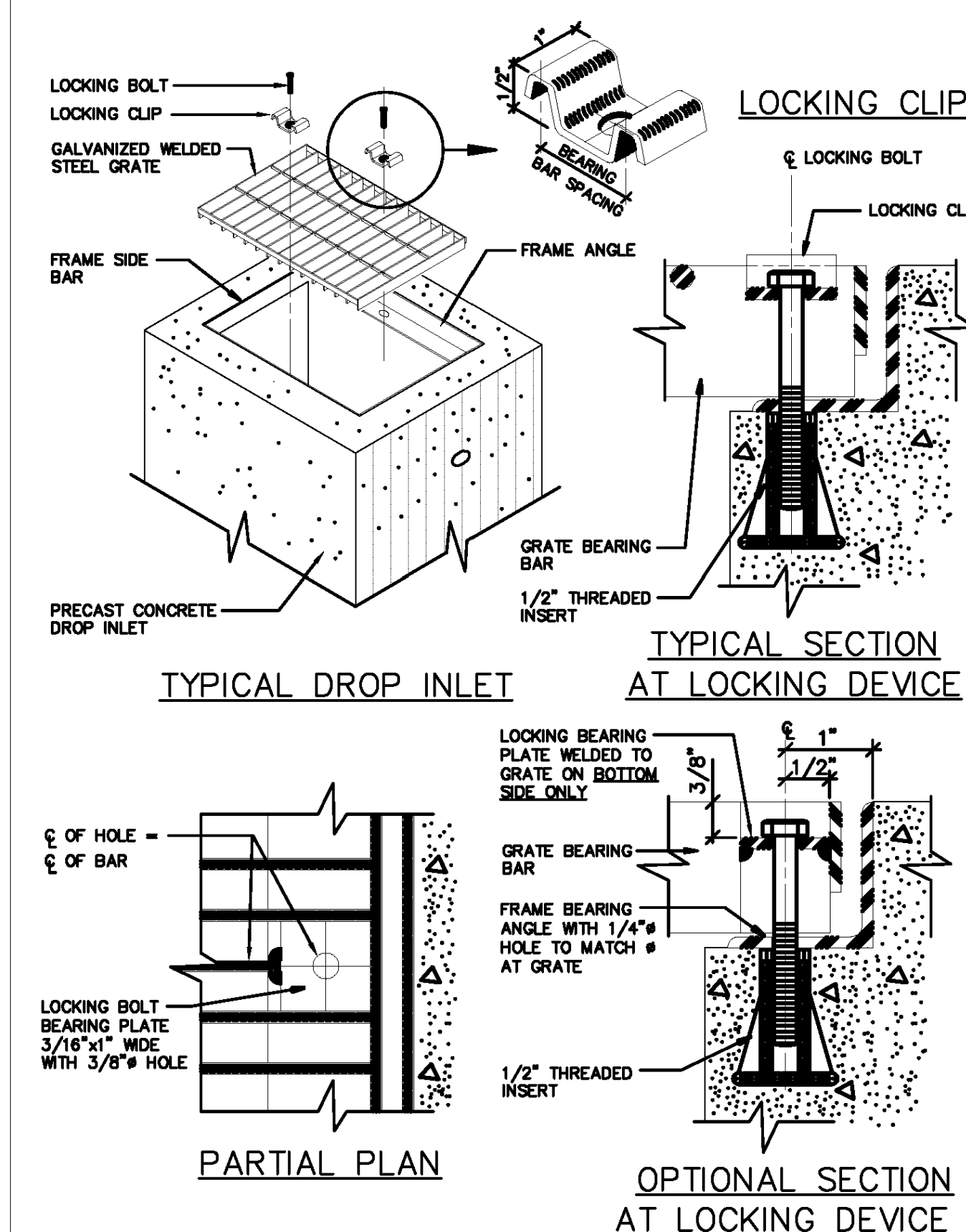


| FRAMES | | | | | | | | | | GRATES | | | | | | | | | |
|-----------|----------------|------|------|-------------|--------------------|-----------------|-----------------|------------------------|------------------------|-----------|----------------|------|------|-------------|--------------------|-----------------|-----------------|------------------------|------------------------|
| MODEL No. | QPS MODEL NAME | A IN | B IN | FRAME ANGLE | SIDE BAR HEIGHT IN | BEARING BARS IN | BANDING BARS IN | BEARING BARS HEIGHT IN | BANDING BARS HEIGHT IN | MODEL No. | QPS MODEL NAME | A IN | B IN | FRAME ANGLE | SIDE BAR HEIGHT IN | BEARING BARS IN | BANDING BARS IN | BEARING BARS HEIGHT IN | BANDING BARS HEIGHT IN |
| CP1212 | EK | 12 | 300 | 12 | 300 | 4 | 100 | 12 | 300 | CP1818 | OK | 18 | 300 | 12 | 300 | 4 | 100 | 12 | 300 |
| CP1818 | OK | 18 | 300 | 12 | 300 | 4 | 100 | 12 | 300 | CP2424 | 2K | 24 | 600 | 24 | 600 | 5 | 125 | 24 | 600 |
| CP2424 | 2K | 24 | 600 | 24 | 600 | 5 | 125 | 24 | 600 | CP3030 | 3K | 30 | 750 | 30 | 750 | 6 | 150 | 30 | 750 |
| CP3030 | 3K | 30 | 750 | 30 | 750 | 6 | 150 | 30 | 750 | CP3636 | 1L | 36 | 900 | 36 | 900 | 6 | 150 | 36 | 900 |
| CP3636 | 1L | 36 | 900 | 36 | 900 | 6 | 150 | 36 | 900 | CP4242 | 4L | 42 | 1050 | 42 | 1050 | 6 | 150 | 42 | 1050 |
| CP4242 | 4L | 42 | 1050 | 42 | 1050 | 6 | 150 | 42 | 1050 | CP4848 | 1R | 48 | 1200 | 48 | 1200 | 6 | 150 | 48 | 1200 |
| CP4848 | 1R | 48 | 1200 | 48 | 1200 | 6 | 150 | 48 | 1200 | | | | | | | | | | |

- NOTES:**
- FRAMES AND GRATES ARE HOT-DIPPED GALVANIZED AFTER FABRICATION PER ASTM SPEC. A-123.
 - FOR OPTIONAL GRATE LOCKING DEVICE SEE DWG. NO. LOCK, PAGE 1-7.
 - TWO IDENTICAL GRATES ARE REQUIRED ON MODELS CP3648 & CP4848.



Title: GRATE LOCKING DETAILS FOR INLETS
Date: 05/15/03
Rev: 02/24/04
Dwg. No. LOCK
Page No. 1-7



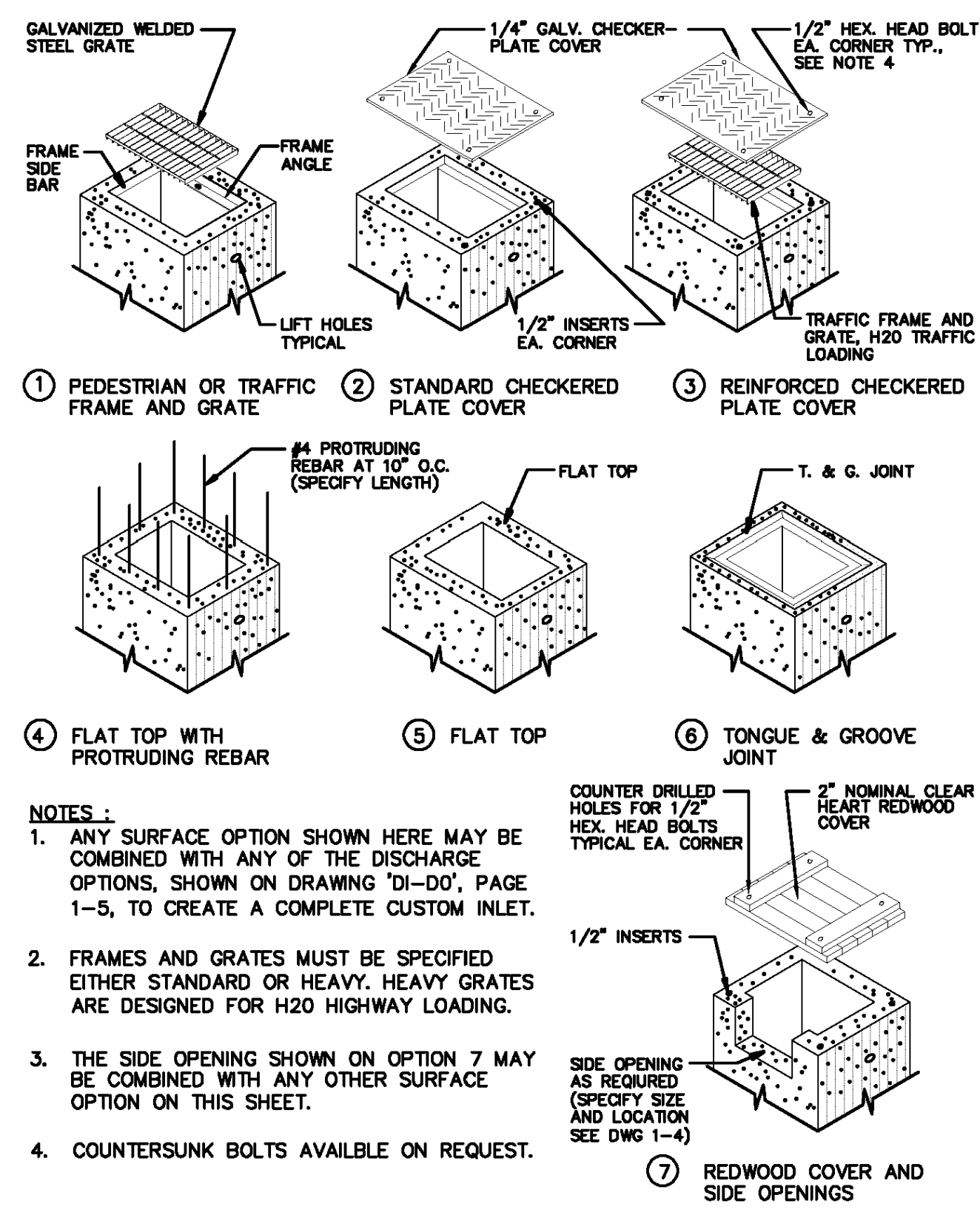
TYPICAL DROP INLET

PARTIAL PLAN

OPTIONAL SECTION AT LOCKING DEVICE



Title: DROP INLET SURFACE OPTIONS
Date: 05/15/03
Rev: 02/24/04
Dwg. No. DI-SO
Page No. 1-6



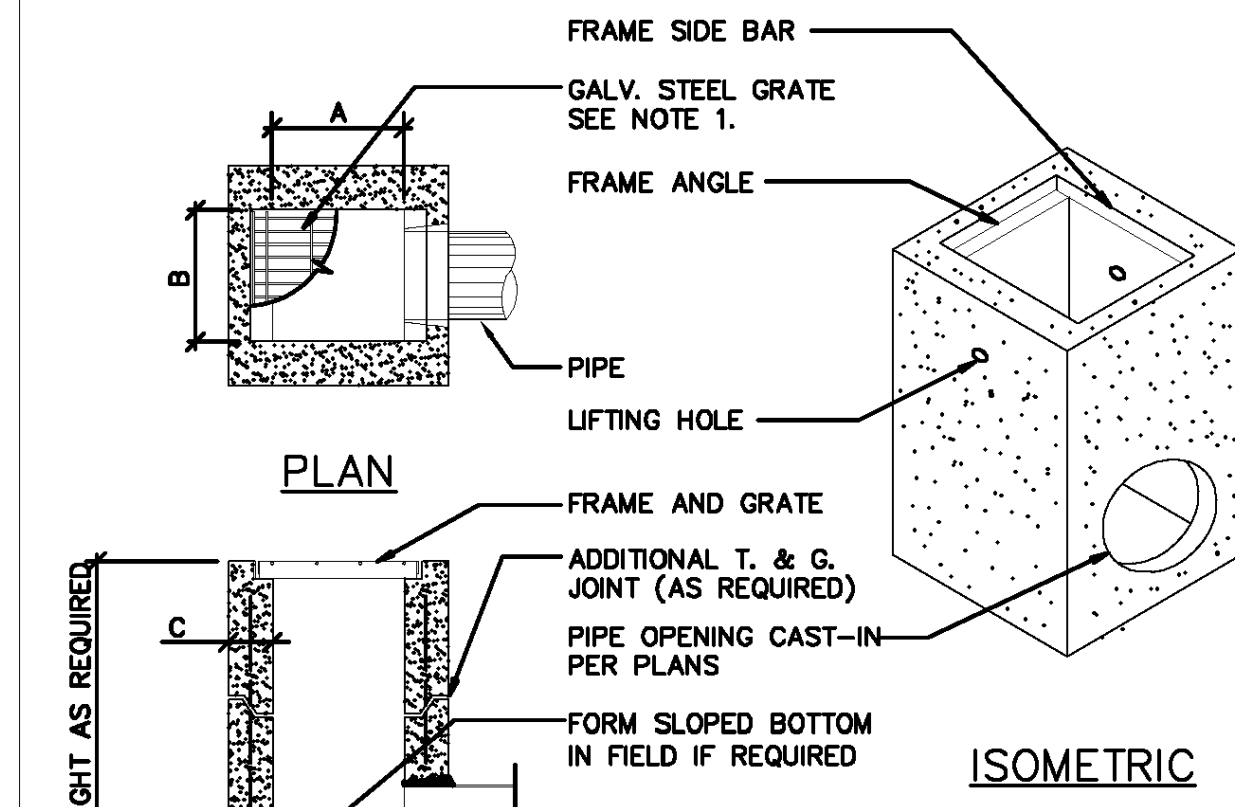
TYPICAL SECTION

PARTIAL SECTION

OPTIONAL SECTION AT LOCKING DEVICE



Title: CUSTOM PRECAST CONCRETE DROP INLETS
Date: 05/15/03
Rev: 02/24/04
Dwg. No. DI
Page No. 1-2



TYPICAL SECTION

PARTIAL SECTION

OPTIONAL SECTION AT LOCKING DEVICE

DROP INLET TABLE

| MODEL No. | QPS MODEL NAME | A IN | B IN | C IN | D IN |
|-----------|----------------|------|------|------|------|
| CP1212 | EK | 12 | 300 | 12 | 300 |
| CP1818 | OK | 18 | 450 | 18 | 450 |
| CP2424 | 2K | 24 | 600 | 24 | 600 |
| CP3030 | 3K | 30 | 750 | 30 | 750 |
| CP3636 | 1L | 36 | 900 | 36 | 900 |
| CP4242 | 4L | 42 | 1050 | 42 | 1050 |
| CP4848 | 1R | 48 | 1200 | 48 | 1200 |

NOTES:

- FRAMES AND GRATES MAY BE SPECIFIED FOR PEDESTRIAN OR H20 TRAFFIC. ALL GRATES ARE BICYCLE PROOF. OPTIONAL GRATE LOCKING DEVICE AVAILABLE ON REQUEST. SEE DRAWING "LOCK" ON PAGE 1-7. CLOSED-MESH GRATES OR CAST IRON FRAME AND GRATES ARE AVAILABLE ON REQUEST.
- FOR SURFACE AND DISCHARGE OPTIONS AVAILABLE SEE DRAWING NO. "DI-SO" PAGE 1-8 AND "DI-SO" PAGE 1-9.
- FRAMES AND GRATES DETAILS SEE PAGES 1-8, 1-9, AND 1-10.
- WALL THICKNESSES ON ALL D.I.S. CAN BE CHANGED UPON REQUEST.
- 18" WIDE D.I.S. REPLACE THE OLD 18" WIDE BOX BK & 1K.

NOTES:

- For AC shoulders only, extend top layer of AC placed on the shoulder under dike with no joint at the ES.
- Case R applies to retrofit only projects where restrictive conditions do not provide enough width to use Type D or Type E dike.
- Type A dike only to be used where restrictive slope conditions do not provide enough width to use Type D or Type E dike.
- Fill and compact with excavated material to top of dike.
- Use Type F dike, where dike is required with guard railing installations. See Standard Plan A77C4 for dike positioning details.

DIKE QUANTITIES

| TYPE | CUBIC YARDS PER LINEAR FOOT |
|------|-----------------------------|
| A | 0.0135 |
| C | 0.0038 |
| D | 0.0283 |
| E | 0.0130 |
| F | 0.0066 |

Quantities based on 5% cross slope.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
ASPHALT CONCRETE DIKES

NO SCALE

A87B

NOTES:

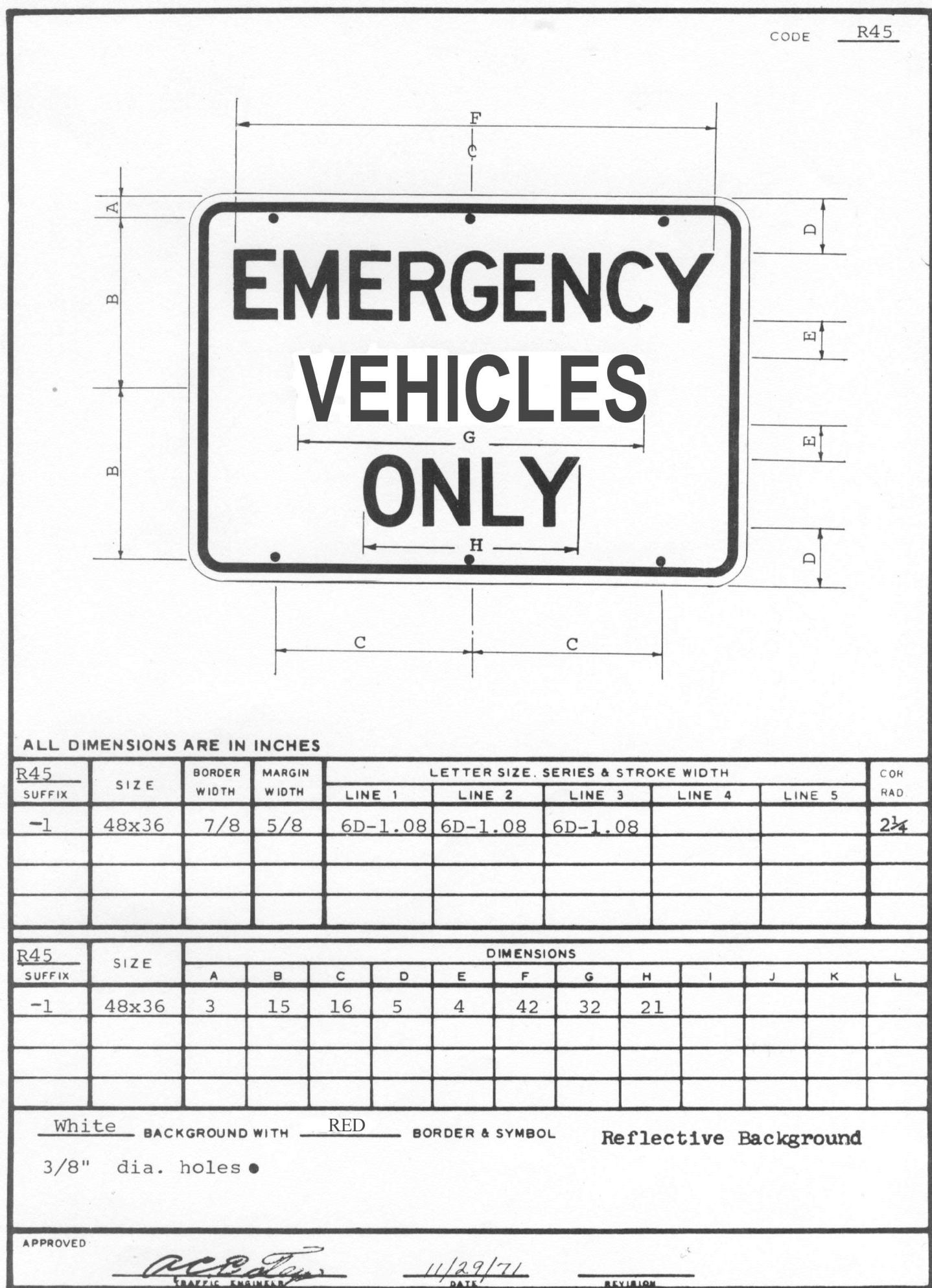
- Case A driveway section typically applies.
- Use Case B driveway section when ramp slopes would exceed 10% in Case A.
- Use Case B driveway section when sidewalk cross slope would exceed 2% in Case A.
- X=3'-0" except for curb heights over 10" where 4:1 slopes shall be used on curb slope.
- X is a variable when sidewalk is located where wheelchairs may traverse the surface. Slopes shall not exceed 5.33%.
- Sidewalk and ramp thickness "T" at driveway shall be 4" for residential and 6" for commercial.
- Difference in slope of the driveway ramp and the slope of a line between the gutter and a point on the roadway 3'-0" from the gutter line shall not exceed 15%. Reduce driveway ramp slope, not gutter slope, where required.
- Minimum width of clear passageway for sidewalk shall be 4'-0".
- Retaining curbs and acquisition of construction easement may be necessary for narrow sidewalks or curb heights in excess of 6".
- Across the pedestrian route at curb ramp locations, the gutter pan slope shall not exceed 1" of depth for each 2'-0" of width.

CURBS

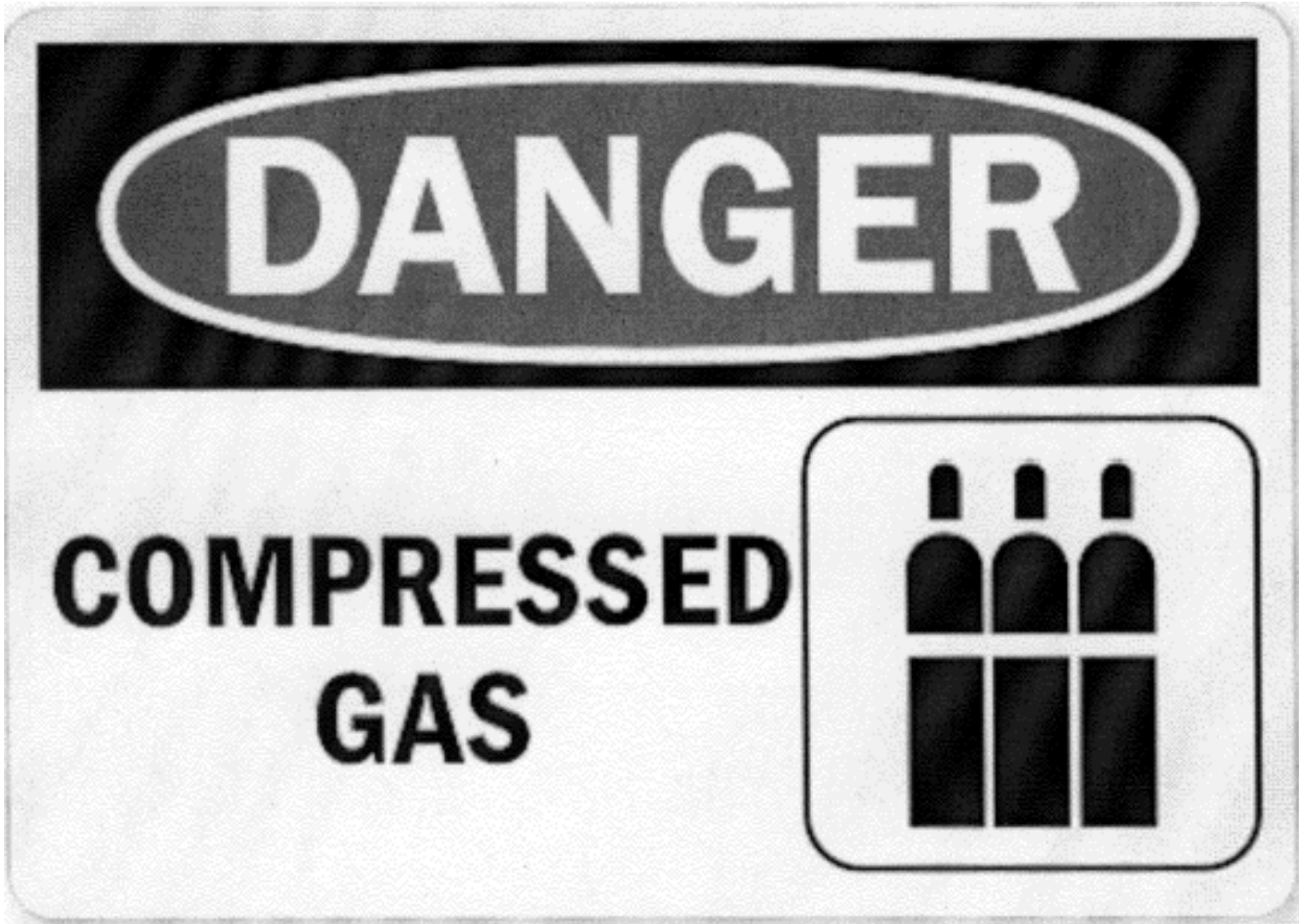
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
CURBS AND DRIVEWAYS

NO SCALE

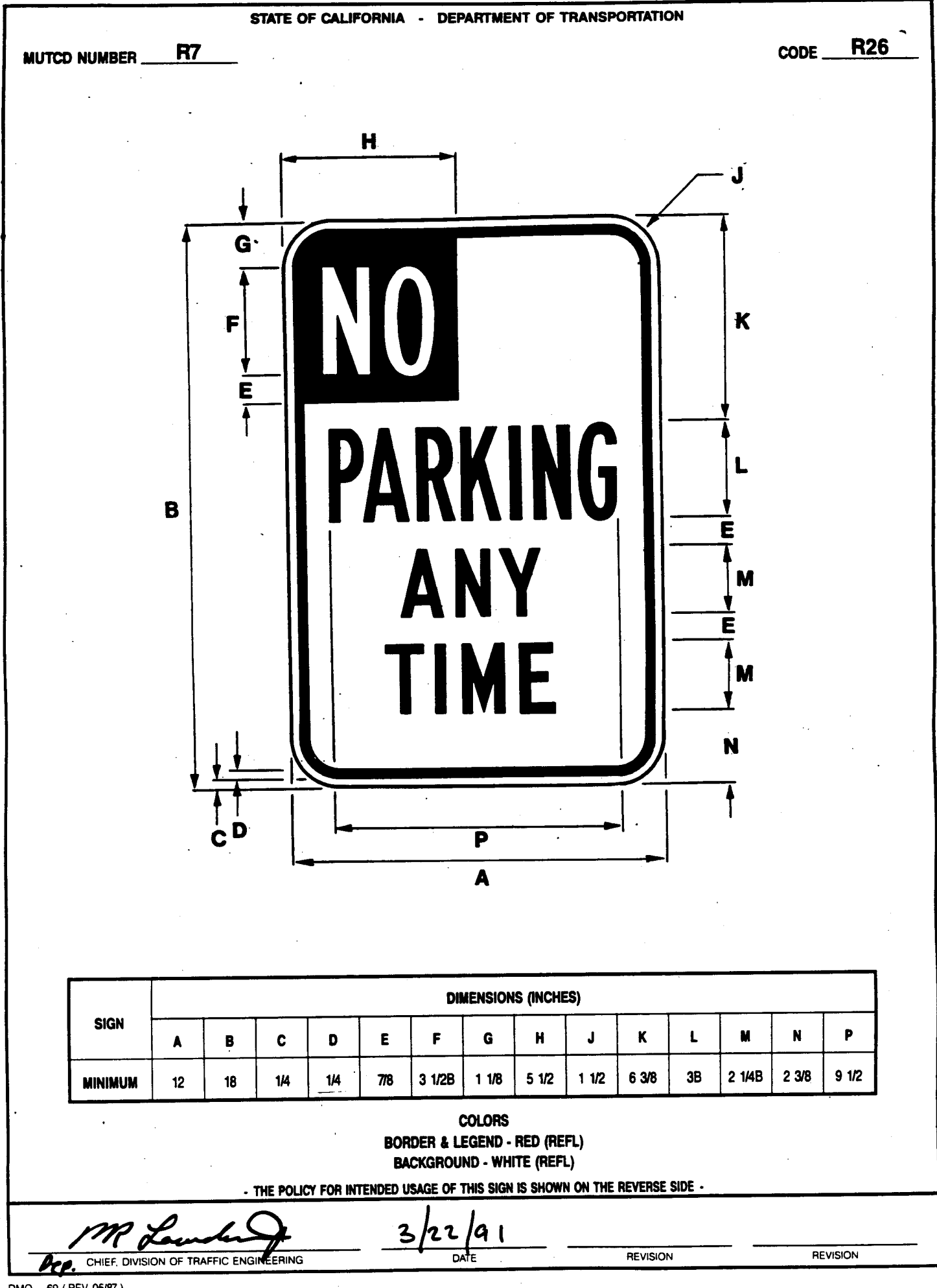
RSP A87A DATED NOVEMBER 17, 2006 SUPERSEDES STANDARD PLAN A87A DATED MAY 1, 2006 - PAGE 113 OF THE STANDARD PLANS BOOK DATED MAY 2006.
REVISED STANDARD PLAN RSP A87A



EMERGENCY VEHICLES ONLY SIGN
NOT TO SCALE



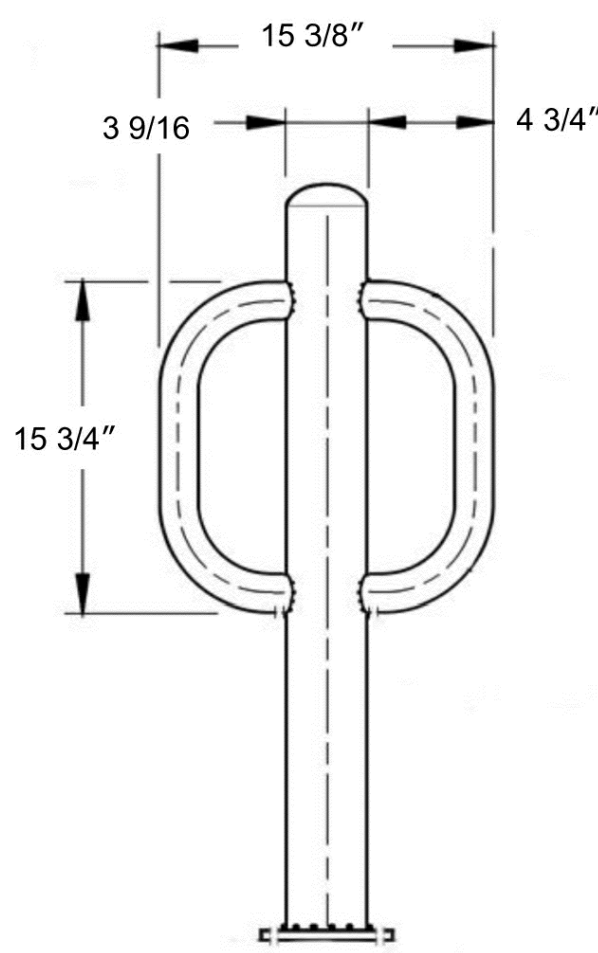
COMPRESSED GAS SIGN
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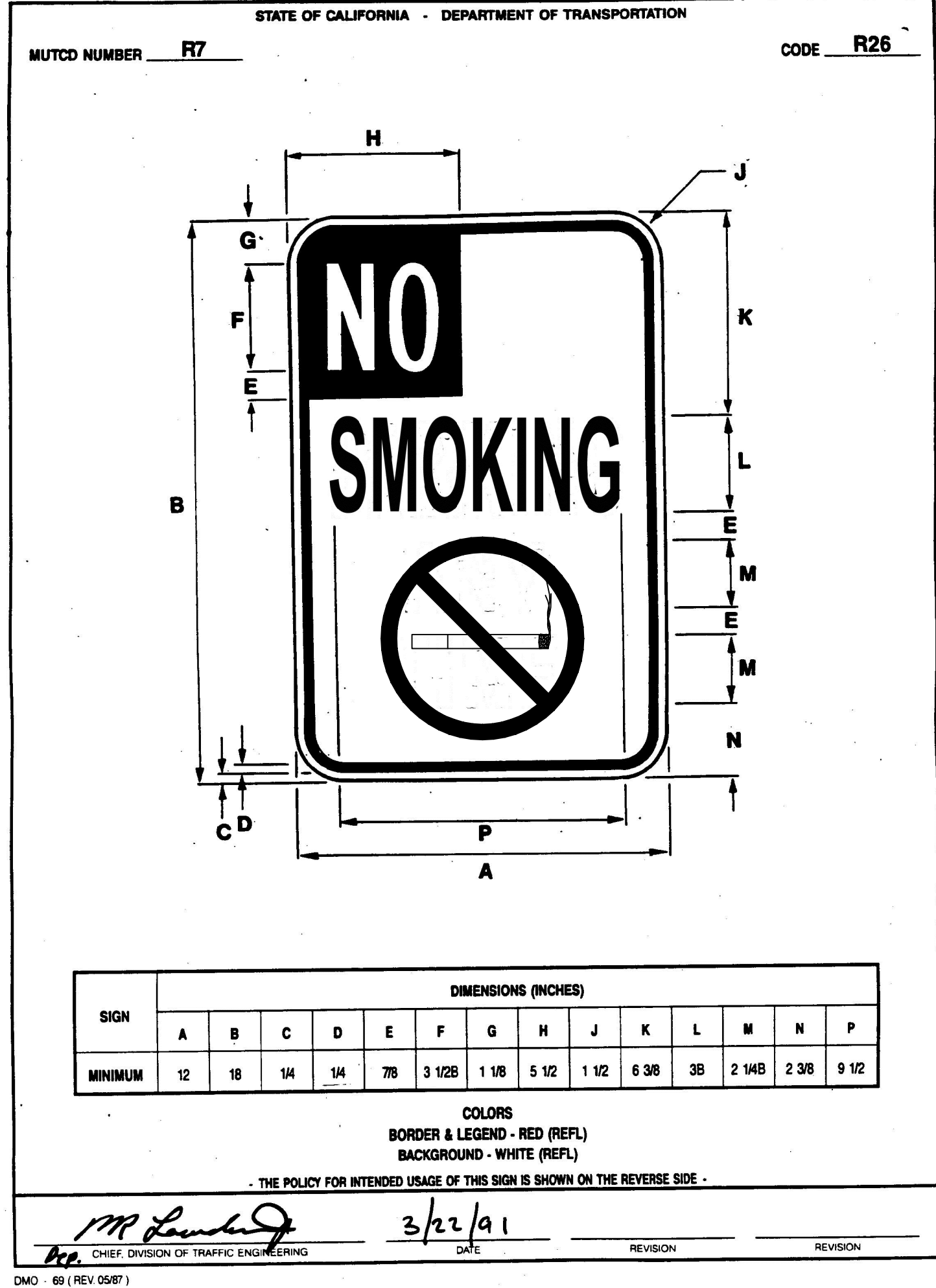
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NOT TO SCALE

Specification Sheet

Two Bike Post
05JA1372

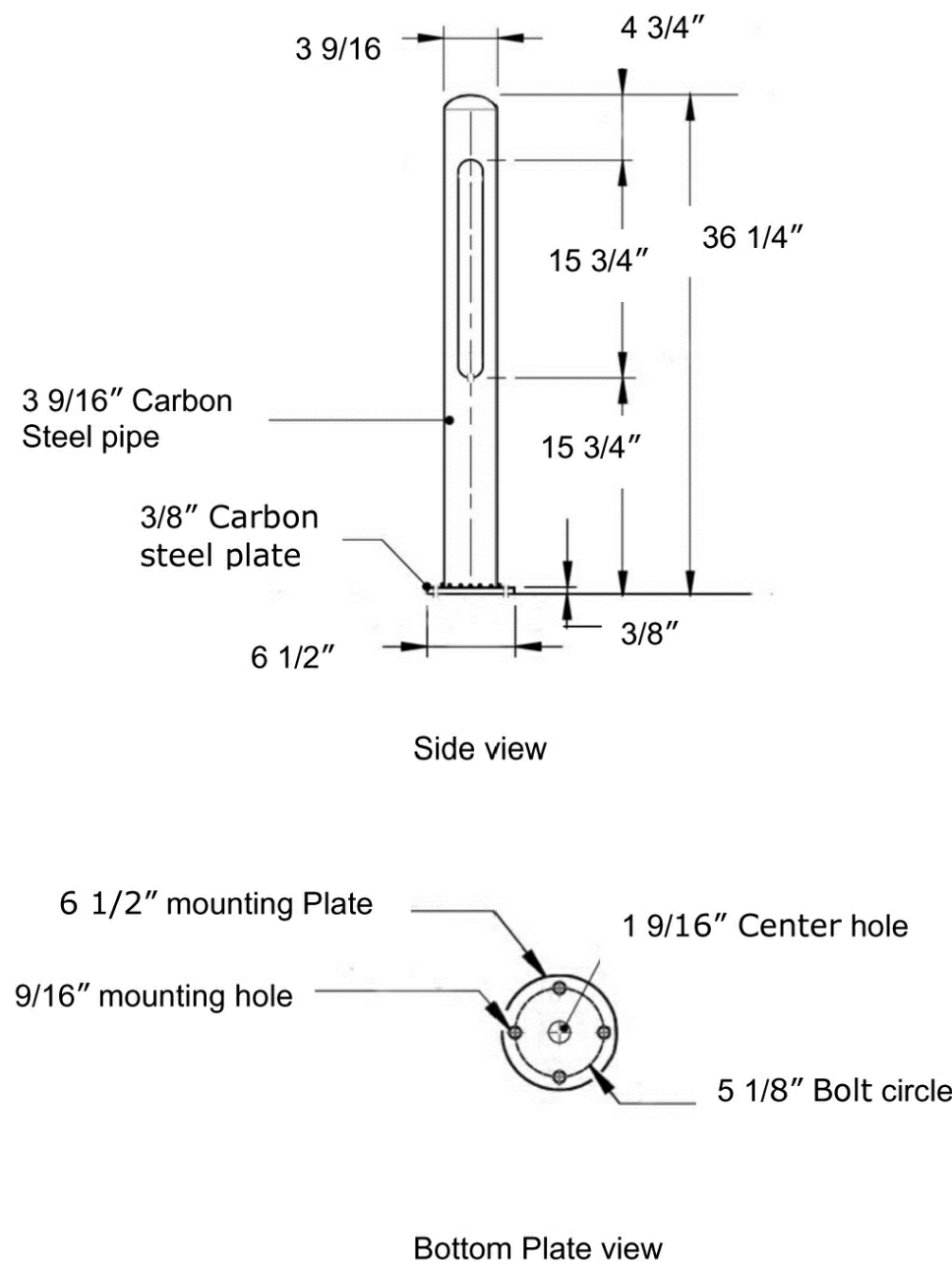


Material: Carbon steel
Finish: Powder coating



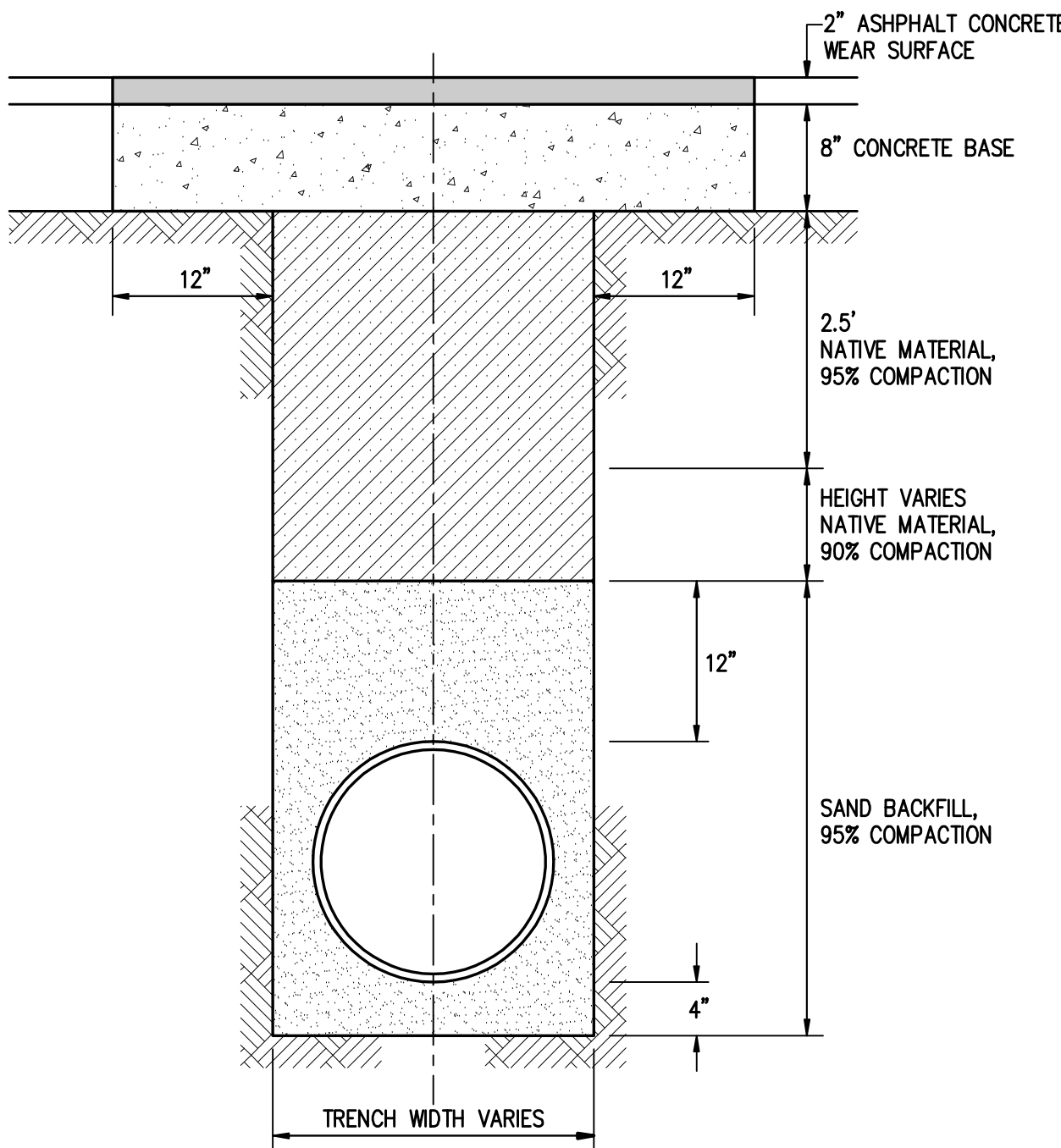
NO SMOKING SIGN
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Two Bike Post

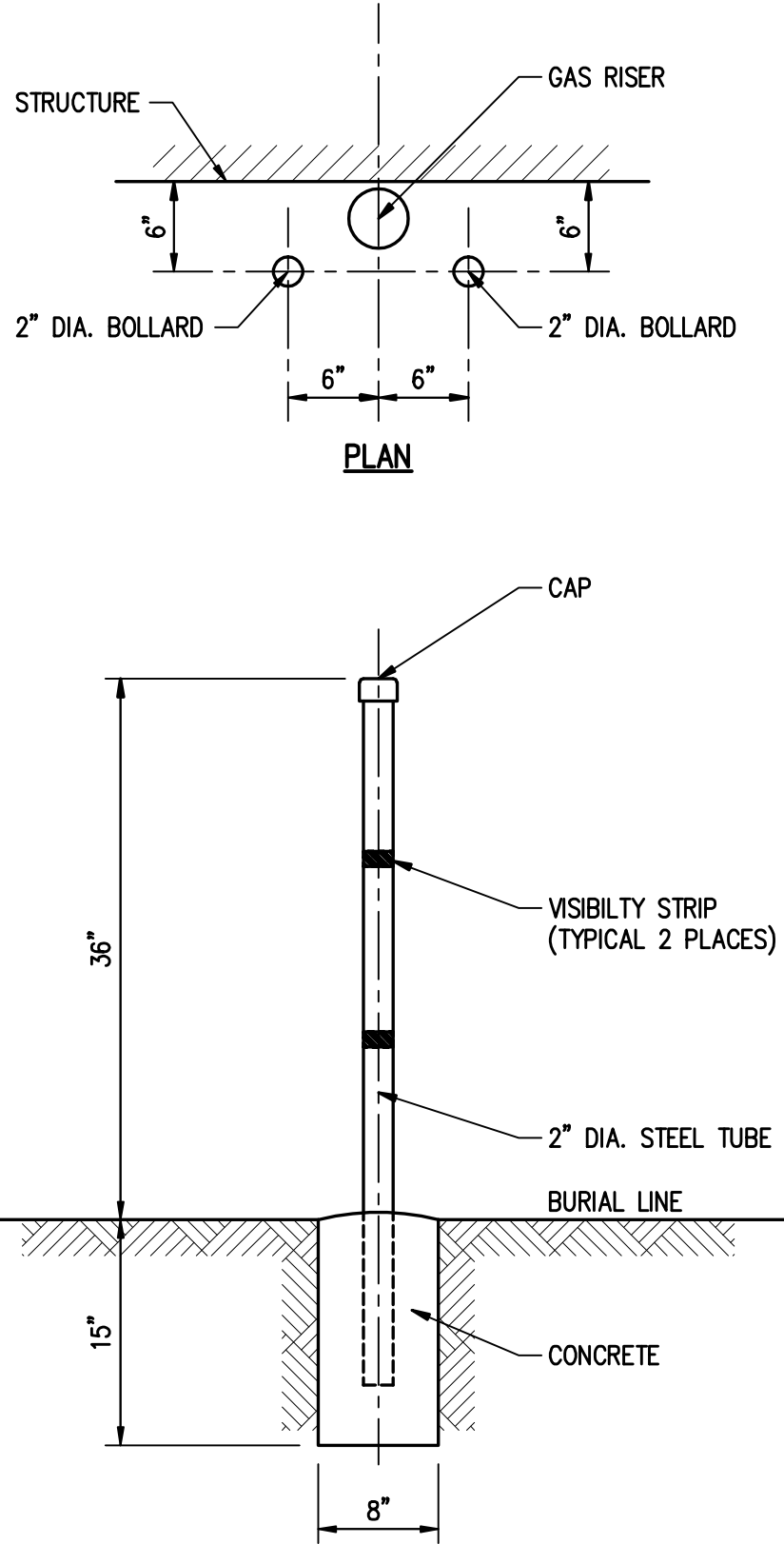


BIKE POST
NOT TO SCALE

- TRENCH PAVEMENT RESTORATION NOTES:
(SIMILAR TO CCSF STD. DRAWING 45.612 CH2)
1. THE EXISTING PAVEMENT SHALL BE SAW CUT.
 2. THE BASE SHALL BE 8" PORTLAND CEMENT CONCRETE.
 3. THE TRENCH WIDTH SHALL NOT EXCEED THE OUTSIDE DIAMETER OF THE PIPE PLUS THREE FEET NOR THE OUTSIDE WIDTH OF THE STRUCTURE PLUS THREE FEET.
 4. THE TRENCH PAVEMENT WIDTH FOR RESTORATION SHALL BE THE TRENCH WIDTH PLUS TWO FEET.



TRENCH &
PAVEMENT RESTORATION DETAIL
NOT TO SCALE



NOTE:
POST SHOULD EXTEND 6" ABOVE HIGHEST POINT ON THE METER SET,
BUT NOT TO EXCEED MAXIMUM HEIGHT ABOVE GRADE.

P.G. & E. METER GUARD
NOT TO SCALE

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FACILITIES DEVELOPMENT DIVISION

Key Plan

Drawing Title
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Project Number
024338

Drawing Number
C6.6

Print Date
10/01/10

OSHPD # IS-072017

NEW ACUTE CARE HOSPITAL & SKILLED NURSING UNIT

JACOBS

CONSULTANTS:

OWNER CONSULTANTS:

BID SET 07-23-12

Seals and Signatures

PRELIMINARY

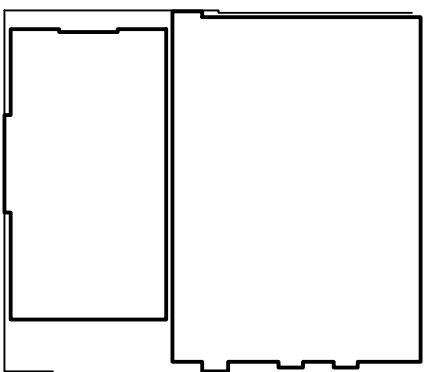
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REVIEWED IN ACCORDANCE WITH
THE REQUIREMENTS OF T24, CCP
APPROVED

Office of Statewide Health
Planning and Development
FACILITIES DEVELOPMENT DIVISION

Key Plan



Drawing Title

SWPPP PLAN

Project Number

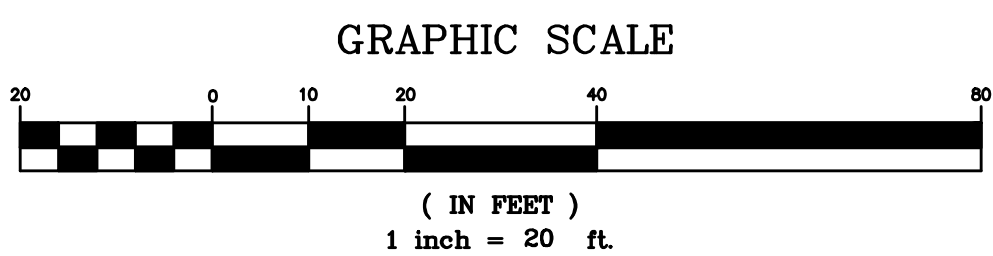
024338

Drawing Number

C7.1

Print Date

10/01/10





**845 JACKSON STREET
SAN FRANCISCO, CA**

OSHPD # IS-072017

Facility Number 14621

NEW ACUTE CARE HOSPITAL & SKILLED NURSING UNIT

JACOBS

6688 North Central Expressway
Suite 400, MB13
Dallas, TX 75206
Phone: 214.424.7500

CONSULTANTS:

ARUP
MAZZETTI & ASSOCIATES
-TIA JACOBS, INC.
-BJ ENGINEERS

OWNER CONSULTANTS:

KCA ENGINEERS
SURE ENGINEERS
TREADWELL & ROLLO

BID SET 07-23-12



KCA ENGINEERS INC.
CONSULTING CIVIL ENGINEERS
& LAND SURVEYORS
318 BRANNAN ST.
SAN FRANCISCO, CA 94107
(415) 546-7111 OFFICE
(415) 546-9472 FAX
KCA JOB NO. 5550

| Issued For | Rev. | Date |
|------------------------|------|----------|
| CITY SUBMITTAL | — | 09.17.10 |
| CITY RESUBMITTAL | — | 09.30.11 |
| OSHPD RESUBMITTAL | — | 10.15.12 |
| FOR REVIEW | — | 02.04.13 |
| OSHPD/CCSF RESUBMITTAL | — | 02.19.13 |

Seals and Signatures

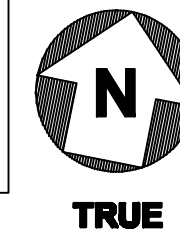
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Office of Statewide Health
Planning and Development
FACILITIES DEVELOPMENT DIVISION

Key Plan



Drawing Title

SWPPP DETAILS

Project Number

024338

Drawing Number

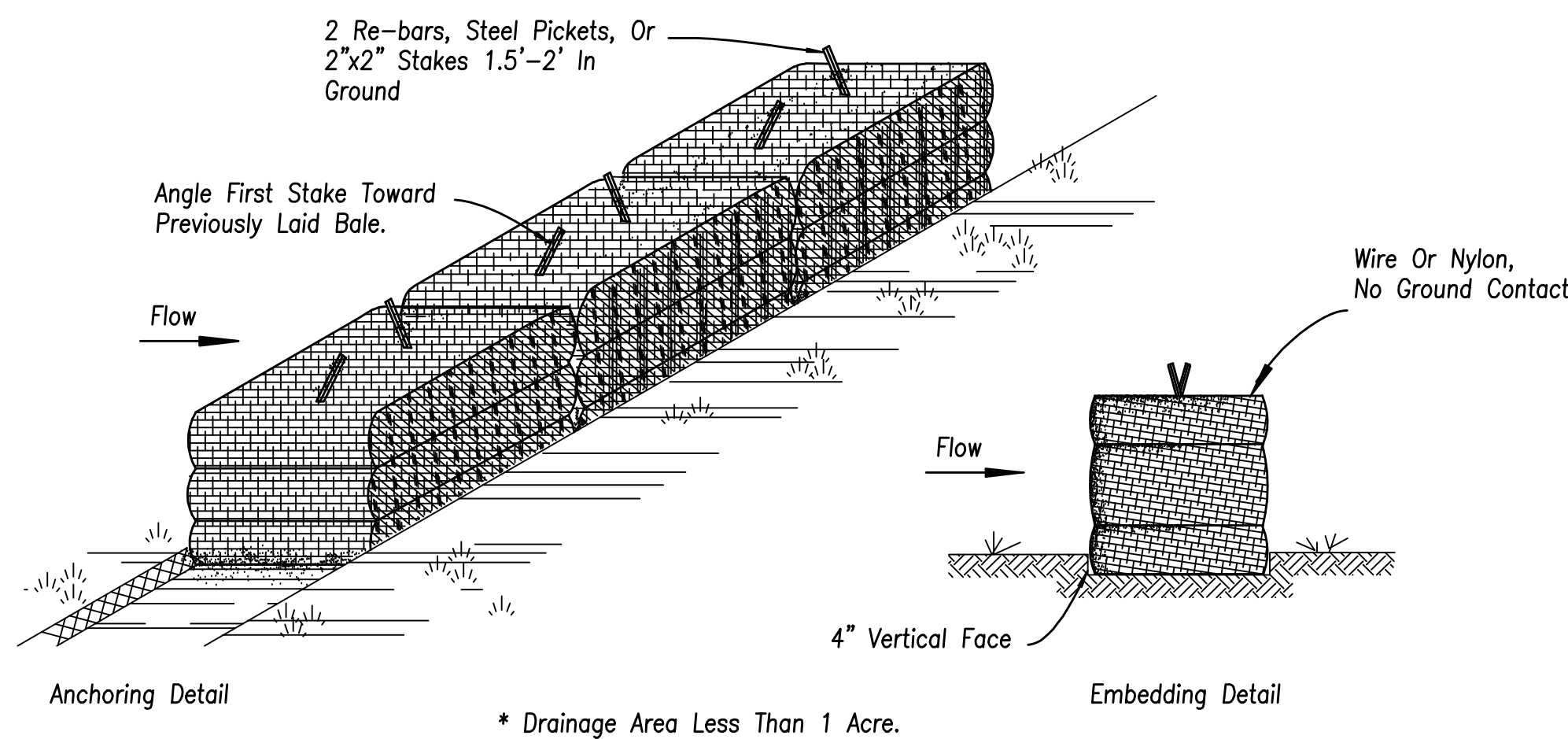
C7.2

Print Date

10/01/10

EROSION AND POLLUTION CONTROL NOTES:

- All erosion control facilities must be inspected and repaired at the end of each working day or more often during the rainy season.
- If significant sediment or other visual symptoms of impurities are noticed in the storm water, contact the design civil engineer immediately.
- Contractor is responsible for inspection and restoration of all aspects of the erosion control plan. Sediment on the sidewalks and gutters shall be removed by shovel or broom and disposed of appropriately.
- All employees, contractors, and subcontractors are responsible for conforming to the elements shown on this plan or related documents.
- Contractor to employ Best Management Practices (BMP's) in accordance with the Association of Bay Area Governments (ABAG) latest recommendations.
- All dumpsters or other trash storage enclosures shall be utilized solely for non-hazardous materials.
- During the rainy season, all paved areas shall be kept clear of earth material and debris, the site shall be maintained so that a minimum of sediment-laden runoff enters the storm drain system. These plans and/or requirements shall remain in effect until the improvements are accepted by the City.
- Borrow areas and temporary stockpiles shall be protected with appropriate erosion control measures to the satisfaction of the City and the Civil Engineer.
- Remove spoils promptly and avoid stockpiling of fill materials when rain is forecast. If rain is forecast or apparent, stockpiled soils and other materials shall be covered with plastic or a tarp, at the direction of the City and the City Engineer.
- Store, handle and dispose of construction materials and wastes so as to prevent their entry to the storm drain system. Contractor must not allow concrete, washwaters, slurries, paint or other materials to enter the catch basins, storm drainage, or enter site runoff.
- Use filtration or other approved measures to remove sediment from dewatering effluent.
- Cleaning, fueling or maintaining vehicles on site shall not permit or allow deleterious materials from entering the catch basins, storm drainage, or enter site runoff.
- Water all active construction areas at least twice a day, or as needed to prevent visible dust plumes from blowing onto or off the site.
- Hydroseed or apply (non-toxic) soil stabilizers to inactive construction areas (previously graded areas inactive for ten days or more).
- Replant vegetation in disturbed areas as quickly as possible.
- Limit the area subject to excavation, grading and other construction activity at any one time.
- Prior to commencing construction, install silt sack or equivalent into catch basins adjacent to and down stream of the project.
- Place perimeter silt fence prior to commencement of any construction activity.
- On site storm drain facilities are to be protected to prevent intrusion of foreign materials into the storm drain system.
- Trucks leaving the site must be covered to prevent spills.
- See sheet C7.3 for additional minimum requirements.
- Contractor is responsible for conforming to the requirements of construction period pollution prevention practices as identified in "BLUE PRINT FOR A CLEAN BAY" which can be viewed at "www.flowstobay.org".



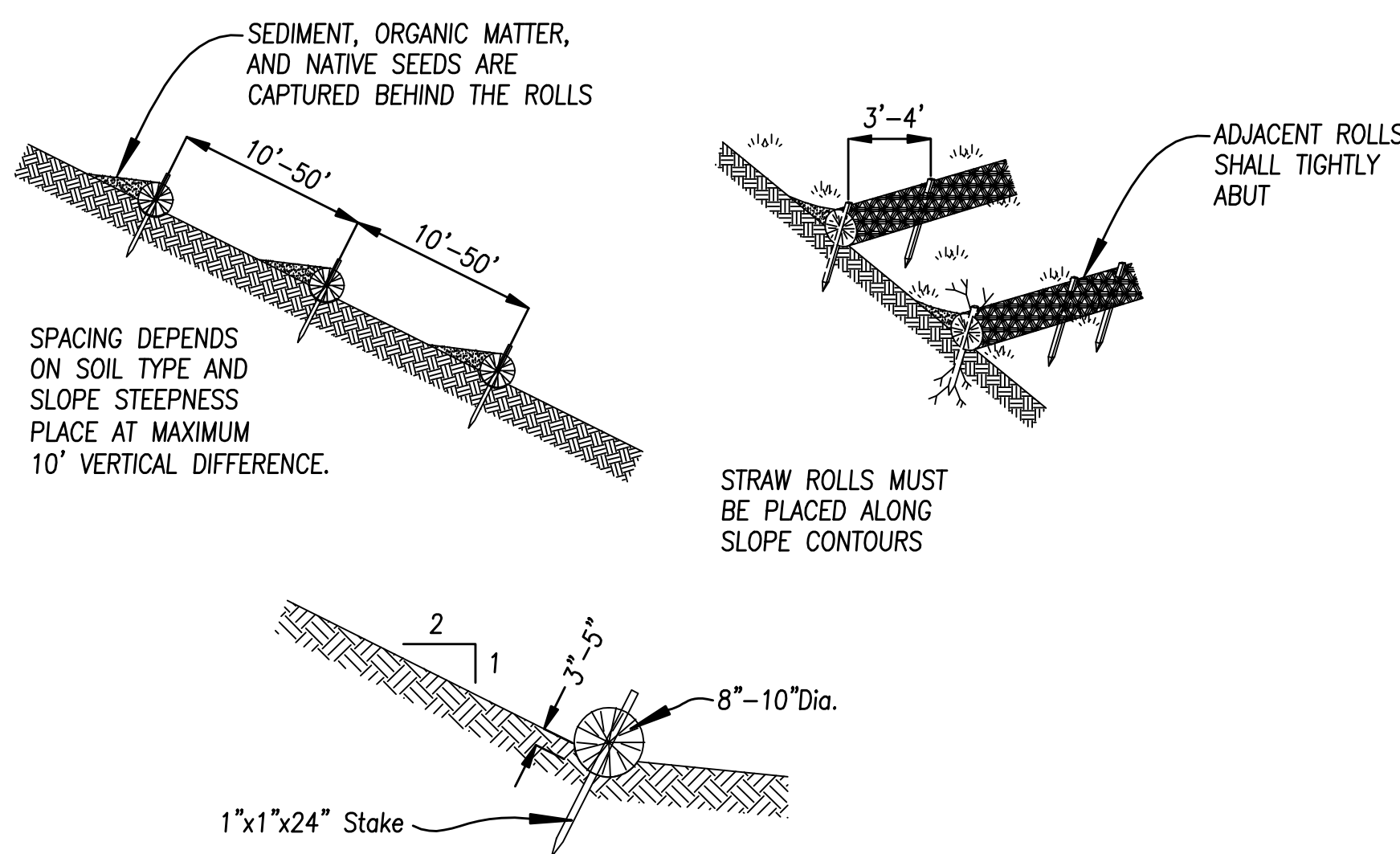
* Drainage Area Less Than 1 Acre.

NOTES:

- Bales shall be placed in a row with ends tightly abutting.
- The dike shall be inspected after each storm, and repair or replacement shall be made promptly as required.
- Bales shall be removed when they have served their purpose so as not to block or impede storm flow or drainage.

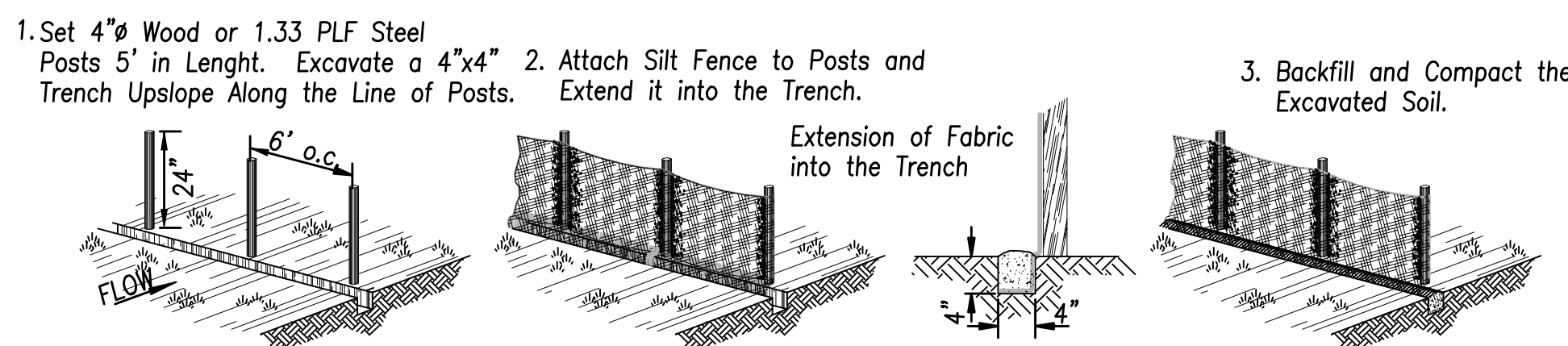
STRAW BALE DIKE DETAIL

NOT TO SCALE



WATTLE DETAIL

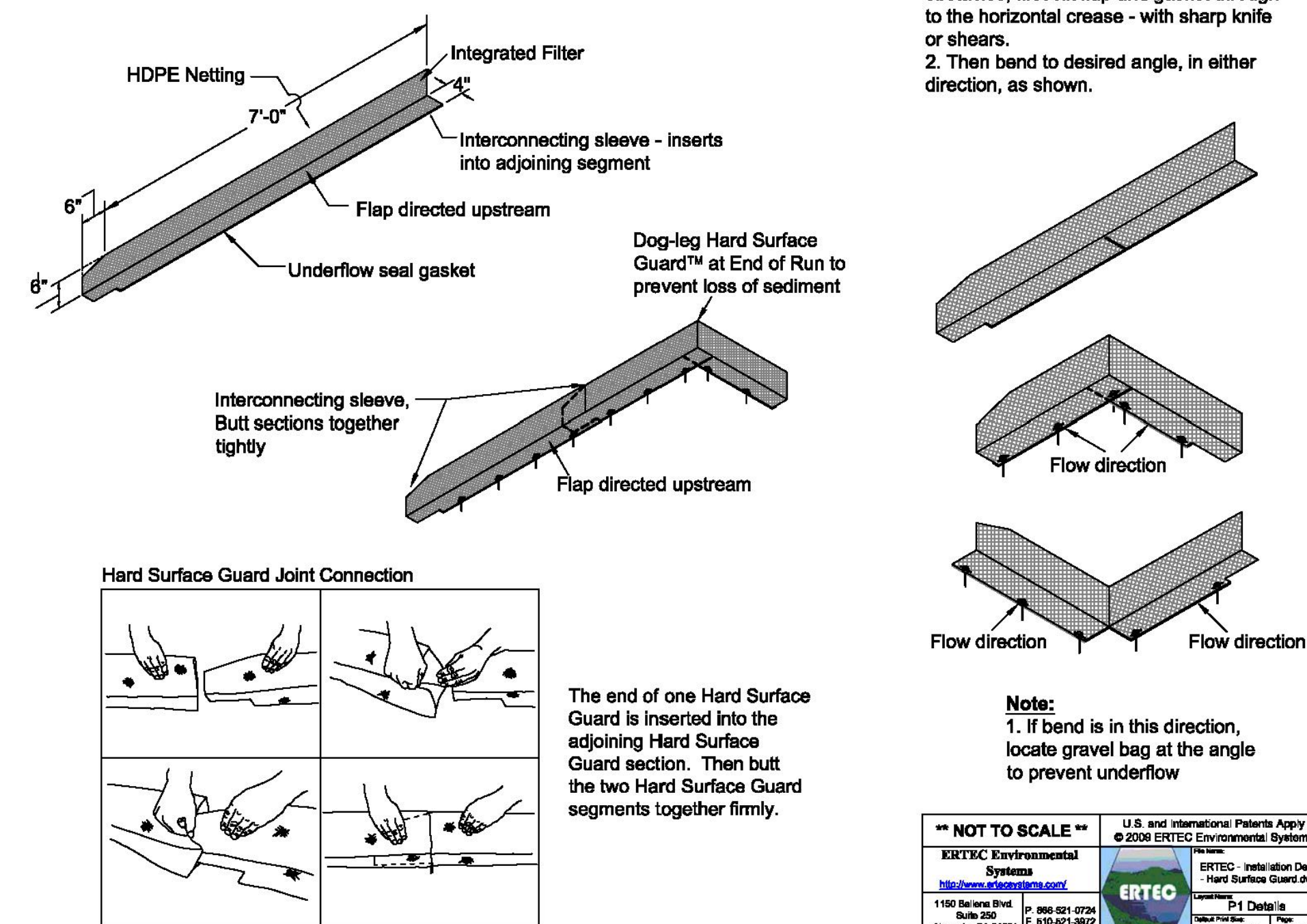
NOT TO SCALE



SILT FENCE DETAIL

NOT TO SCALE

ERTEC® Hard Surface Guard™ Details



Note:

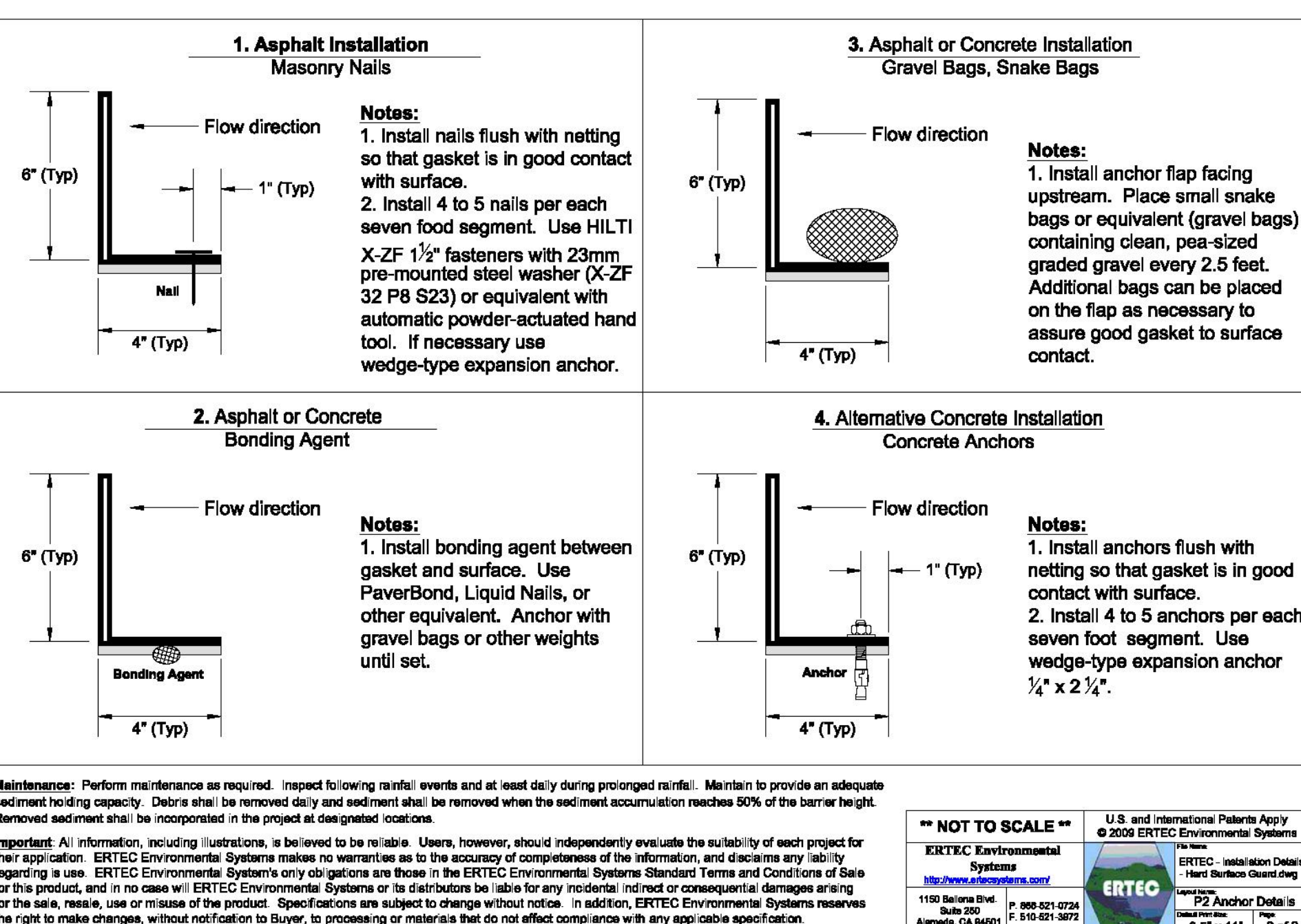
- To bend Hard Surface Guard™ around obstacles, first silt flap and gasket through to the horizontal crease - with sharp knife or shears.
- Then bend to desired angle, in either direction, as shown.

Note:

- If bend is in this direction, locate gravel bag at the angle to prevent underflow

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ERTEC Environmental Systems
1100 Marina Blvd. Suite 200
Alameda, CA 94501 P: 946.021.0274 F: 946.021.0072
P1 Details
8.5" x 11" 1 of 2

ERTEC® Hard Surface Guard™ Details



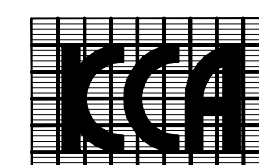
Maintenance: Perform maintenance as required. Inspect following rainfall events and at least daily during prolonged rainfall. Maintain to provide an adequate sediment holding capacity. Debris shall be removed daily and sediment shall be removed when the sediment accumulation reaches 90% of the berm height. Removed sediment shall be incorporated in the project at designated locations.

Important: All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each project for their application. ERTEC Environmental Systems makes no warranties as to the accuracy or completeness of the information, and disclaims any liability regarding its use. ERTEC Environmental Systems' only obligations are those in the ERTEC Environmental Systems Standard Terms and Conditions of Sale for this product, and in no case will ERTEC Environmental Systems or its distribution be liable for any negligence, indirect or consequential damages arising from the sale, resale, use or misuse of the product. Specifications are subject to change without notice. In addition, ERTEC Environmental Systems reserves the right to make changes, without notification to Buyer, in processing or materials that do not affect compliance with any applicable specification.

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Alameda, CA 94501 P: 946.021.0274 F: 946.021.0072
P2 Anchor Details
8.5" x 11" 2 of 2

HARD SURFACE SILT GUARD (ALTERNATE TO WATTLES)

NOT TO SCALE



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& LAND SURVEYORS
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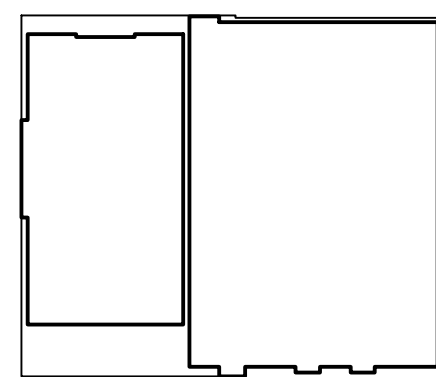
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APPROVED

Office of Statewide Health
Planning and Development
FACILITIES DEVELOPMENT DIVISION

Key Plan



Drawing Title

SWPPP DETAILS

Project Number

024338

Drawing Number

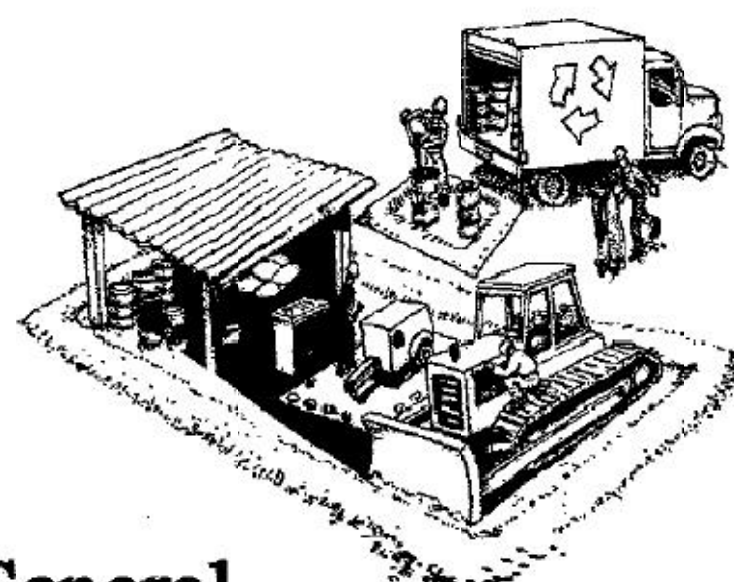
C7.3

Print Date

10/01/10



Stormwater
Pollution Prevention Program



General Construction & Site Supervision

Advance planning prevents pollution

- ✓ Schedule excavation and grading activities for dry weather periods. To reduce soil erosion, plant temporary vegetation or place other erosion controls before rain begins.
- ✓ Locate and protect storm drains in the vicinity of the site with berms or filters during wet weather periods.
- ✓ Control the amount of runoff crossing your site (especially during excavation) by using berms or temporary or permanent drainage ditches to divert water flow around the site. Reduce stormwater runoff velocities by constructing temporary check dams or berms where appropriate.
- ✓ Train your employees and subcontractors. Make these brochures available to everyone who works on the construction site. Inform subcontractors about the new stormwater requirements and their responsibilities.

Good housekeeping practices

- ✓ Designate one completely contained area for auto parking, vehicle refueling, and routine equipment maintenance. The designated area should be well away from streams or storm drain inlets, and bermed if necessary. Make major repairs off site.
- ✓ Keep materials out of the rain - prevent runoff contamination at the source. Cover exposed piles of soil or construction materials with plastic sheeting or temporary roofs.
- ✓ Keep pollutants off exposed surfaces. Place trash cans and recycling receptacles around the site to minimize litter.
- ✓ Dry sweep paved surfaces that drain to storm drains, creeks, or channels. If pavement flushing is necessary, use silt ponds or other techniques to trap sediment and other pollutants.
- ✓ Clean up leaks, drips and other spills immediately so they do not contaminate soil or groundwater or leave residue on paved surfaces. Use dry cleanup methods whenever possible. If you must use water, use just enough to keep the dust down.
- ✓ Cover and maintain dumpsters. Check frequently for leaks. Place dumpsters under roofs or cover with tarps or plastic sheeting secured around the outside of the dumpster. A plastic liner is recommended to prevent leakage of liquids. Never clean out a dumpster by hosing it down on the construction site.
- ✓ Make sure portable toilets are maintained in good working order by the leasing company and that wastes are disposed of properly. Check toilets frequently for leaks.

Materials/waste handling

- ✓ Practice source reduction - minimize waste when you order materials. Order only the amount you need to finish the job.
- ✓ Use recyclable materials whenever possible. Arrange for pick-up of recyclable materials such as concrete, asphalt, scrap metal, solvents, degreasers, cleared vegetation, paper, rock, and vehicle maintenance materials such as used oil, antifreeze, batteries, and tires.
- ✓ Dispose of all wastes and demolition debris properly. Many construction materials and wastes can be recycled, including solvents, water-based paints, vehicle fluids, broken asphalt and concrete, wood, and cleared vegetation. Materials and debris that cannot be recycled must be taken to an appropriate landfill or disposed of as hazardous waste. Never bury waste materials or leave them in the street or near a creek or stream bed.

Heavy Equipment Operation

**Site planning and preventive vehicle maintenance**

- ✓ Designate a completely contained area of the construction site, well away from streams or storm drain inlets, for auto and equipment parking, refueling, and routine vehicle and equipment maintenance.
- ✓ Maintain all vehicles and heavy equipment. Inspect frequently for and repair leaks.
- ✓ Perform major maintenance, repair jobs, and vehicle and equipment washing off site.
- ✓ If you must drain and replace motor oil, radiator coolant, or other fluids on site, use drip pans or drop cloths to catch drips and spills. Collect all spent fluids, store in separate containers, and recycle whenever possible, or dispose of fluids as hazardous waste.
- ✓ Do not use diesel oil to lubricate or clean equipment or parts.
- ✓ Recycle used vehicle batteries.

Clean up spills immediately when they happen

- ✓ Never hose down "dirty" pavement or impermeable surfaces where fluids have spilled. Use dry cleanup methods (absorbent material, cat litter, and/or rags) whenever possible. If you must use water, use just enough to keep the dust down.
- ✓ Sweep up spilled dry materials immediately. Never attempt to "wash them away" with water, or bury them. Use as little water as possible for dust control.
- ✓ Clean up spills on dirt areas by digging up and properly disposing of contaminated soil.
- ✓ Report significant spills to the appropriate spill response agencies immediately. You are required by law to report all significant releases of hazardous materials, including oil. To report a spill, call the following agencies: 1) Dial 911 or your local emergency response number, 2) Call the Governor's Office of Emergency Services Warning Center, (800) 852-7550 (24 hours).

Earth-Moving Activities

**During Construction**

- ✓ Remove existing vegetation only when absolutely necessary.

- ✓ Seed or plant temporary vegetation for erosion control on slopes or where construction is not immediately planned.

- ✓ Protect downslope drainage courses, streams, and storm drains with hay bales, temporary drainage swales, silt fences, berms or storm drain inlet filters.

- ✓ Use check dams or ditches to divert runoff around excavations and graded areas.

- ✓ Cover stockpiles and excavated soil with secured tarps or plastic sheeting.

- ✓ Properly monitor and maintain all erosion and sediment controls.

- ✓ Properly report failures of erosion and sediment controls to the local stormwater authority.

General Business Practices

- ✓ Schedule excavation and grading work for dry weather.
- ✓ Perform major equipment repairs away from the job site.

- ✓ When refueling or when vehicle/equipment maintenance must be done on site, work within a completely bermed area away from storm drains.

- ✓ Do not use diesel oil to lubricate or clean equipment or parts.

- ✓ Watch for soil and ponded groundwater that may be contaminated. If any of these conditions are observed, test for contamination and contact the Regional Water Quality Control Board:

- Unusual soil conditions, discoloration, or odor
- Abandoned underground tanks
- Abandoned wells
- Buried barrels, debris, or trash.

Roadwork & Paving



- ✓ Develop and implement erosion/sediment control plans for roadway embankments.

- ✓ Schedule excavation and grading work for dry weather.

- ✓ Check all equipment for leaks and repair leaking equipment promptly.

- ✓ Perform major maintenance, repairs, and washing of equipment away from the construction site.

- ✓ When refueling or vehicle/equipment maintenance must be done on site, designate a completely contained area away from storm drains and creeks.

- ✓ Do not use diesel oil to lubricate or clean equipment or parts.

- ✓ Recycle used oil, batteries, concrete, broken asphalt, etc. whenever possible.

- ✓ Train employees in using these best management practices.

During Construction

- ✓ Avoid paving and seal coating in wet weather, or when rain is forecast before fresh pavement will have time to cure.

- ✓ Cover and seal catch basins and manholes when applying seal coat, slurry seal, fog seal, etc.

- ✓ Use check dams, ditches, or berms to divert runoff around excavations.

- ✓ Never wash excess material from exposed aggregate concrete or similar treatments into a street or storm drain. Collect and recycle, or dispose to dirt area.

- ✓ Cover stockpiles and other construction materials with plastic tarps. Protect from rainfall and prevent runoff with temporary roofs or plastic sheets and berms.

- ✓ Catch drips from paver with drip pans or absorbent material (cloth, rags, etc.) placed under machine when not in use.

- ✓ Clean up all spills and leaks using "dry" methods (with absorbent materials/rags), or dig up and remove contaminated soil.

- ✓ Collect and recycle or appropriately dispose of excess abrasive gravel or sand.

- ✓ Avoid over-application by water trucks for dust control.

Asphalt/Concrete Removal

- ✓ Avoid creating excess dust when breaking asphalt or concrete.

- ✓ After breaking up old pavement, be sure to remove all chunks and pieces from the site.

- ✓ Make sure broken pavement does not come in contact with rainfall or runoff.

- ✓ Protect nearby storm drain inlets during saw-cutting. Shovel or vacuum saw-cut slurry deposits and remove from the site.

- ✓ Never hose down streets to clean up tracked dirt. Use dry sweep methods.

Fresh Concrete & Mortar Application

**General Business Practices**

- ✓ Both at your yard and the construction site, always store both dry and wet materials under cover, protected from rainfall and runoff. Protect dry materials from wind.

- ✓ Secure bags of cement after they are open. Be sure to keep wind-blown cement powder away from gutters, storm drains, rainfall, and runoff.

- ✓ Wash out concrete mixers only in designated wash-out areas in your yard, where the water will flow into containment ponds or onto dirt. Let concrete harden and dispose of as garbage. Whenever possible, recycle washout by pumping back into mixers for reuse. Never dispose of washout into the street, storm drains, drainage ditches, or stream.

During Construction

- ✓ Don't mix up more fresh concrete or cement than you will use in a day.

- ✓ Set up and operate small mixers on tarps or heavy plastic drop cloths.

- ✓ When cleaning up after driveway or sidewalk construction, wash fines onto dirt areas, not down the driveway or into the street or storm drain.

- ✓ Prevent aggregate wash from driveway/patio construction from entering storm drains. Hose aggregate wash onto dirt areas and spade into dirt.

- ✓ Place hay bales or other erosion controls downslope to capture runoff carrying mortar or cement before it reaches the storm drain.

- ✓ When breaking up paving, be sure to pick up all the pieces and dispose properly.

- ✓ Recycle large chunks of broken concrete at a landfill.

- ✓ Dispose of small amounts of excess dry concrete, grout, and mortar in the trash.

- ✓ Never bury solid or hazardous waste material.

Painting & Application of Solvents & Adhesives

**Handling Paint Products**

- ✓ Keep all liquid paint products and wastes away from the gutter, street, and storm drains. Liquid residues from paints, thinners, solvents, glues, and cleaning fluids are hazardous wastes and must be disposed of at a hazardous waste collection facility (contact your local stormwater program).

Painting cleanup

- ✓ Never clean brushes or rinse paint containers into a street, gutter, storm drain, or stream.

- ✓ For water-based paints, paint out brushes to the extent possible. Rinse to the sanitary sewer once you have gained permission from the local wastewater treatment authority. Never pour paint down a drain.

- ✓ For oil-based paints, paint out brushes to the extent possible and clean with thinner or solvent in a proper container. Filter and reuse thinners and solvents. Dispose of excess liquids and residue as hazardous waste.

Paint removal

- ✓ Paint chips and dust from non-hazardous dry stripping and sand blasting may be swept up or collected in plastic drop cloths and disposed of as trash.

- ✓ Chemical paint stripping residue and chips and dust from marine paints or paints containing lead or tributyltin must be disposed of as hazardous wastes.

- ✓ When stripping or cleaning building exteriors with high-pressure water, block storm drains. Wash water onto a dirt area and spade into soil. Or, check with the local wastewater treatment authority to find out if you can collect (mop or vacuum) building cleaning water and dispose to the sanitary sewer. Sampling of the water may be required to assist the wastewater treatment authority in making its decision.

Recycle/reuse leftover paints whenever possible.

- ✓ Recycle or dispose of excess water-based paint at a household hazardous waste collection facility, or use up. When they are thoroughly dry, empty paint cans, used brushes, rags, and drop cloths may be disposed of as garbage in a sanitary landfill.

- ✓ Reuse leftover oil-based paint. Dispose of excess liquid, including sludges, as hazardous waste.

- ✓ Small quantity generators should check with the San Mateo County Environmental Health Division regarding recycling or hazardous waste disposal.

- ✓ Unopened cans of paint may be able to be returned to the paint vendor. Check with the vendor regarding its "buy-back" policy.

Landscaping, Gardening, and Pool Maintenance



- ✓ Protect stockpiles and landscaping materials from wind and rain by storing them under tarps or secured plastic sheeting.

- ✓ Store pesticides, fertilizers, and other chemicals indoors or in a shed or storage cabinet.

- ✓ Schedule grading and excavation projects for dry weather.

- ✓ Use temporary check dams or ditches to divert runoff away from storm drains.

- ✓ Protect storm drain inlets with hay bales, berms, filter mats or other inlet protection measures.

- ✓ Revegetation is an excellent form of erosion control for any site.

Landscaping/Garden Maintenance

- ✓ Use up pesticides and follow label directions. Rinse containers, and use rinsewater as product. Dispose of rinsed containers in the trash.

- ✓ Dispose of unused pesticides as hazardous waste.

- ✓ Collect lawn and garden clippings, pruning waste, and tree trimmings. Chip if necessary, and compost.

- ✓ Do not place yard waste in gutters. In communities with curbside yardwaste recycling, leave clippings and pruning waste for pickup in approved bags or containers. Or, take to a landfill that composts yard waste.

- ✓ Do not blow or rake leaves, etc. into the street.

Pool/Fountain/Spa Maintenance

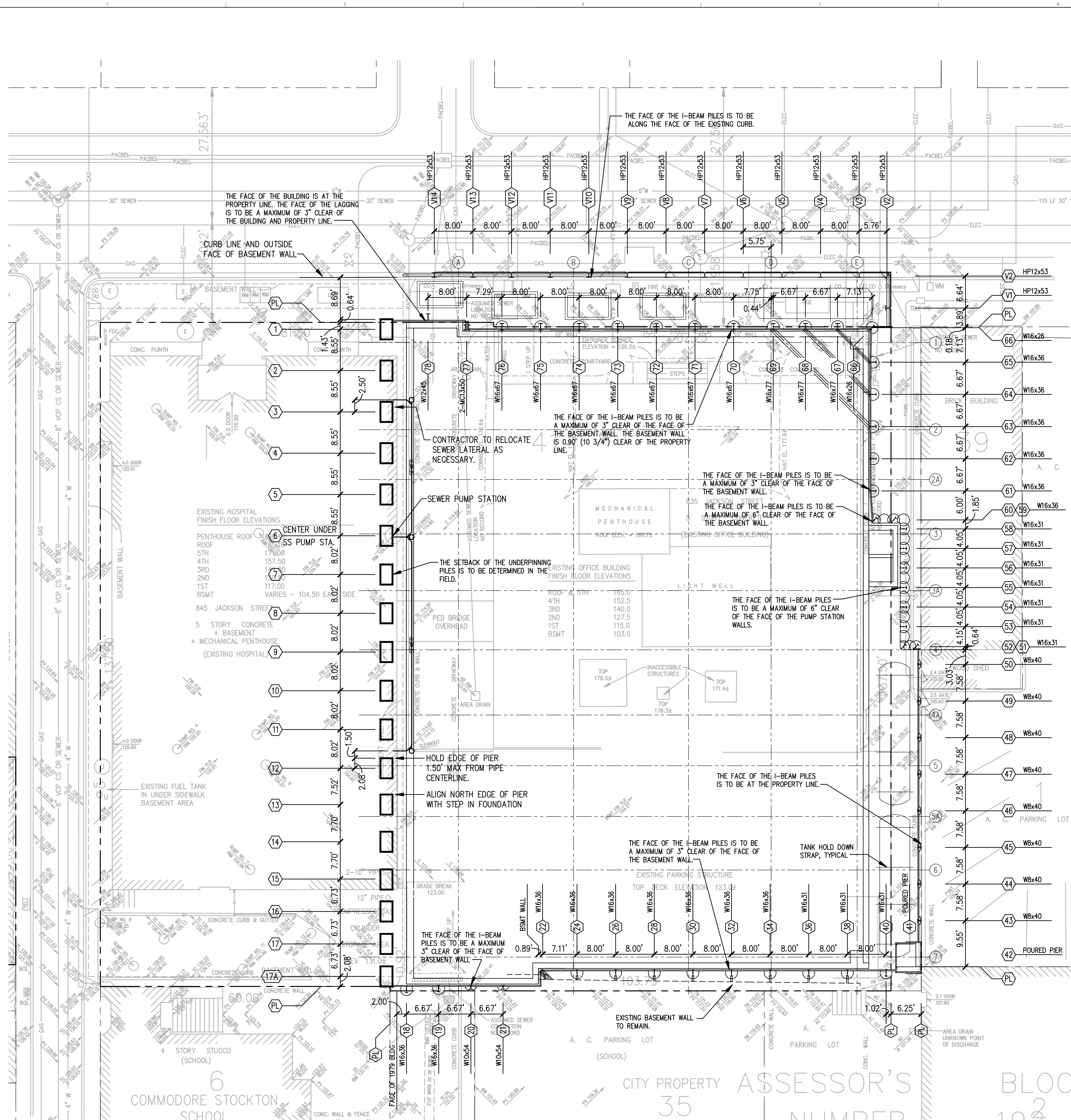
- ✓ Never discharge chlorinated pool or spa water to a street or storm drain.

- ✓ When emptying a pool or spa, let chlorine dissipate for 5 to 7 days. Then recycle water by draining it gradually onto a landscaped area, or drain the dechlorinated water to a storm drain.

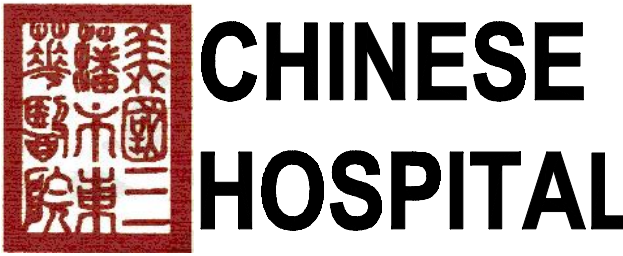
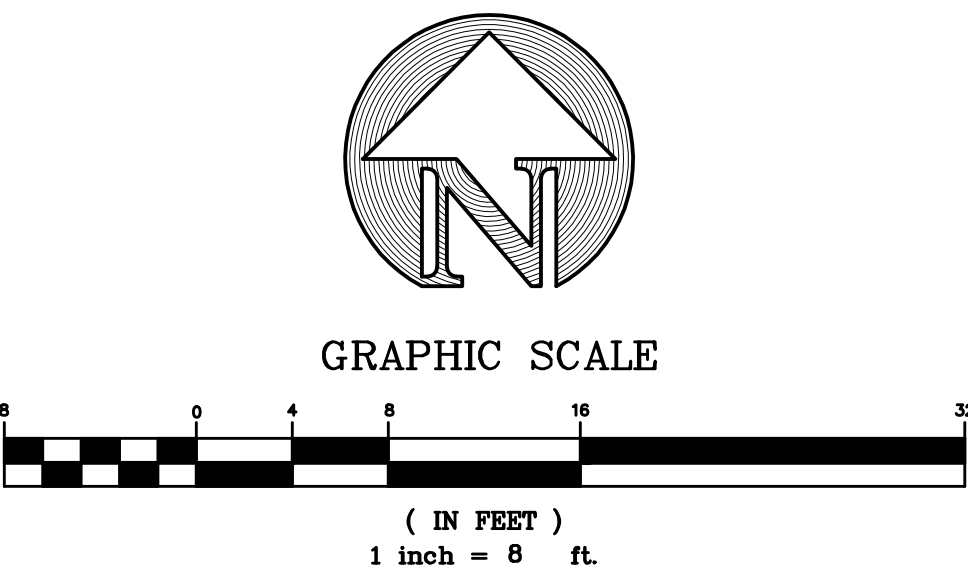
- ✓ Chlorinated water may be discharged to the sanitary sewer (if allowed by the local sewage treatment authority) by running a hose to a utility sink or sewer pipe cleanout junction.

- ✓ Do not use copper-based algaecides. Control algae with chlorine or other alternatives to copper-based pool chemicals. Copper is harmful to aquatic life and cannot be completely removed by the sewage treatment plant.

Storm drain polluters may be liable for fines of up to \$25,000 per day!



- NOTES:
- 1. SEE SHORING PLANS BY SURE ENGINEERING FOR NOTES AND DETAILS.
 - 2. SEWER LINES ARE TO BE LOCATED PRIOR TO START OF UNDERPINNING CONSTRUCTION
 - 3. LOCATION OF UNDERPINNING PILES MAY VARY BASED ON THE LOCATION OF THE FIELD LOCATED SEWER PIPES AND PUMP STATION.
 - 4. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SEWER SERVICE DURING THE UNDERPINNING CONSTRUCTION OF THE SITE.
 - 5. SOME TYPE OF DESIGN FOR THE RELOCATION OF THE SEWER SYSTEM WILL BE SUBMITTED TO THE CONTRACTOR PRIOR TO THE COMPLETION OF THE EXCAVATION.



845 JACKSON STREET
SAN FRANCISCO, CA

OSHPD # 18-072017
Facility Number 14621

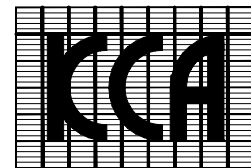
NEW ACUTE CARE
HOSPITAL & SKILLED
NURSING UNIT

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CONSULTANTS:
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- S.J. ENGINEERS

OWNER CONSULTANTS:
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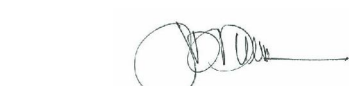
BID SET 07-23-12



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| PRELIMINARY | - | 10.02.12 |
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| UPDATE PER PHONE CONF. | - | 10.24.12 |
| ADDED TANKS & HOLD DOWNS | - | 11.13.12 |
| UPDATE PER 1.15.13 DRAWINGS | - | 1.18.13 |
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| OSHPD/CCSF RESUBMITTAL | - | 02.19.13 |

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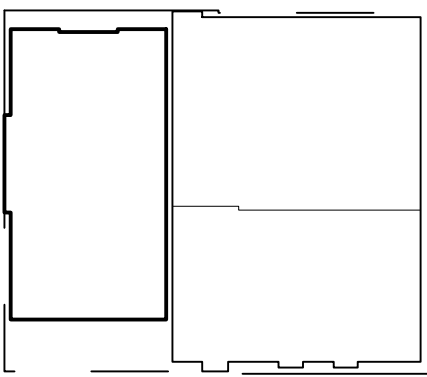


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FACILITIES DEVELOPMENT DIVISION

Key Plan

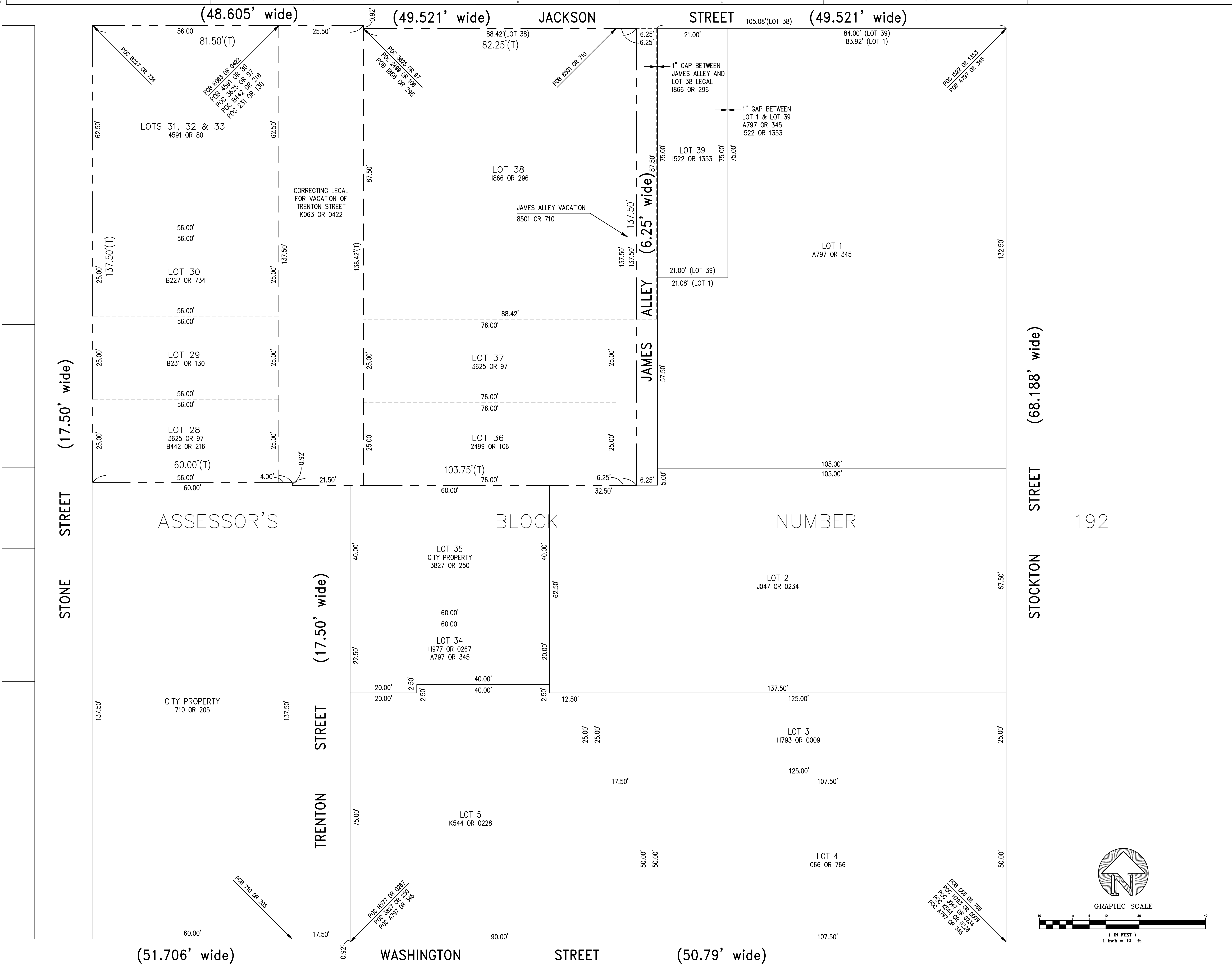



Drawing Title
**SHORING AND
UNDERPINNING LAYOUT**

Project Number
024338

Drawing Number
C8.1

Print Date
10/01/10






CHINESE HOSPITAL

845 JACKSON STREET
SAN FRANCISCO, CA

OSHDP # 1S-072017
Facility Number 14621


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| FOR REVIEW | - | 02.04.13 |
| OSHDP/CCSF RESUBMITTAL | - | 02.19.13 |
| | | |
| | | |
| | | |

Seals and Signatures



Key Plan



TRUE

Drawing Title

PROPERTY LINE ANALYSIS

Project Number

024338

Drawing Number

C9.1

Print Date

10/29/12



845 JACKSON STREET
SAN FRANCISCO, CA

OSHPD # IS-072017
Facility Number 14621

NEW ACUTE CARE
HOSPITAL & SKILLED
NURSING UNIT

JACOBS CARTER BURGESS
900 Kearny Street, Suite 500
San Francisco, CA 94133
Phone: 713/859-8801

CONSULTANTS:
ARUP
MAZZETTI & ASSOCIATES
F.W.ASSOCIATES, INC.
SJ ENGINEERS

OWNER'S CONSULTANTS:
KCA ENGINEERS
SURE ENGINEERS
TREADWELL & ROLLO



KCA ENGINEERS INC.
CONSULTING CIVIL ENGINEERS
& LAND SURVEYORS
318 BRANNAN ST.
SAN FRANCISCO, CA 94107
(415) 546-7111 OFFICE
(415) 546-9472 FAX
KCA JOB NO. 5550

| Issued For | Rev. | Date |
|-------------------------|------|----------|
| PRELIMINARY DESIGN | - | 08.21.12 |
| UTIL. CO. INFO SUPPLIED | - | 09.24.12 |
| BASEMENT WALL CONFLICT | - | 10.24.12 |
| PGE GAS ADDED | - | 10.26.12 |
| NEW ARCH BASE | - | 11.02.12 |
| PGE COMMENTS | - | 12.04.12 |
| PGE COMMENTS | - | 12.27.12 |
| FOR REVIEW | - | 02.04.13 |
| OSHPD/CCSF RE-SUBMITTAL | - | |

Seals and Signatures

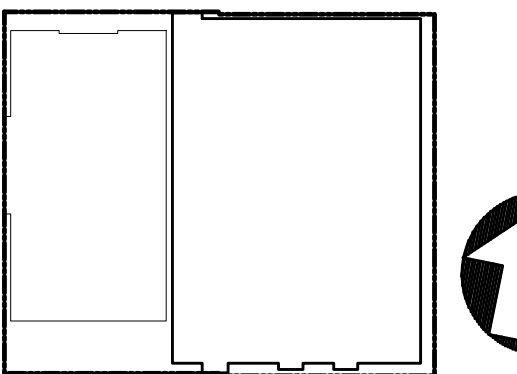
PRELIMINARY
FOR REVIEW ONLY
This signature represents only
participation in the coordination an
assembly of this drawing set and r
responsibility for any technical work
related to this submission.

Additional Professional Seal When Required



Additional Professional Seal When Required

Key Plan



Drawing Title
P.G.&E. VAULTS

Scale
1" = 4'

Project Number
024338

Drawing Number
C10.1

Print Date
10.18.12

