



Dated: December 13, 2011

**ADDENDUM NO. 1**

**CONTRACT NO. 2012-BT-6**  
**NOVATO BUS FACILITY SECURITY IMPROVEMENTS**

To all Prospective Bidders:

The Golden Gate Bridge, Highway and Transportation District (District) herewith issues Addendum No. 1 to the above-referenced Bid. Addendum No. 1 is hereby incorporated and made part of the bid documents. Except as specifically modified by this document, all other terms and conditions remain in full force and effect.

**Bidders shall also acknowledge the inclusion of Addendum No. 1 by inserting the Addendum number in the space provided on Page P-2 of the Proposal.** Failure to do so may cause the District to deem the proposal as being non-responsive.

Should you have any questions regarding this Addendum, please contact Senior Engineer Mike Yim at (415) 923-2018.

A handwritten signature in blue ink that reads "Janet S. Tarantino".

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Janet S. Tarantino  
Secretary of the District

JST/MY/gm

Enclosures

Dated: December 13, 2011

**ADDENDUM NO. 1**  
**CONTRACT NO. 2012-BT-6**  
**NOVATO BUS FACILITY SECURITY IMPROVEMENTS**

Revisions to the Contract Documents and drawings are described as follows **with deleted text indicated by ~~striketrough~~ and new text indicated by underline.**

The following changes have been made to Contract No. 2012-BT-6:

**PROPOSAL**

1. Schedule of Prices, Attachment A, Page P-3, is **REVISED** as follows:  
**REPLACE Page P-3, *Schedule of Prices*, Attachment A, with the **REVISED** Page P-3.**

**SPECIAL PROVISIONS**

1. Special Provisions, Section 9, *Measurement and Payment*, is **REVISED** as follows:  
**REPLACE** entire Section 9, *Measurement and Payment*, with **REVISED** Section 9, *Measurement and Payment*.

**DRAWINGS**

1. **REPLACE** Drawings Nos. 1, 2, 3, 4, 5, 13, 14, 15 with the revised drawings attached. Revisions are "bubbled" and denoted with triangular symbols marked "1."

Attachments:      Proposal Page P-3  
                            Special Provisions Section 9  
                            Revised Drawing Nos. 1-5, 13-15, half-size 11"x17"

**SCHEDULE OF PRICES****NOVATO BUS FACILITY SECURITY IMPROVEMENTS****CONTRACT NO. 2012-BT-6**

<b>BID ITEM</b>	<b>DESCRIPTION</b>	<b>EST. QTY.</b>	<b>UNIT</b>	<b>UNIT PRICE</b>	<b>BID PRICE (Estimated Qty. x Unit Price)</b>
1	Mobilization	1	LUMP SUM		\$
2	Demolition and Removal	1	LUMP SUM		\$
3	Asphalt Concrete Pavement	<del>10</del> 1	<del>CUBIC YARD</del> LUMP SUM		\$
4	Cast-in-Place Concrete	<del>1205</del> 401	CUBIC YARD		\$
5	Security Fence with Barbed Wires	2120	LINEAR FOOT		\$
6(s)	Security Vehicle Swing Gates	4	EACH		\$
7(s)	Security Pedestrian Swing Gates	2	EACH		\$
8(s)	Security Vehicle Sliding Gate	1	EACH		\$
9(s)	Electric Sliding Gate Operator	1	EACH		\$
10(s)	Security Cameras	2	EACH		\$
11(s)	Electrical Work	1	LUMP SUM		\$
12	Steel Pipe Bollards	7	EACH		\$
13	Landscaping	1	LUMP SUM		\$
14	Excavation and Disposal of Contaminated Soil (Class II)	25	TON		\$
15	Excavation and Disposal of Soil	390	TON		\$
<b>TOTAL BID PRICE</b> (Sum of Bid Items 1 through 15)					\$

(s) Specialty Items in accordance with Section No. G8.01 of General Conditions

TOTAL BID PRICE (written in words): \_\_\_\_\_

\_\_\_\_\_  
Signature of Bidder/Title\_\_\_\_\_  
Date

## SPECIAL PROVISIONS

### MEASUREMENT AND PAYMENT

#### SECTION 9

**S9.01 GENERAL.** The provisions of Section 9, *Measurement and Payment*, of the General Conditions shall apply, subject to the following modifications and additional requirements.

**S9.02 PAYMENT SCHEDULE.** Article G9.07 of the General Conditions is hereby amended to include the following:

The Schedule of Payment Items shall consist of a detailed breakdown of percentage of Work completed on all bid items. The breakdown shall be subject to the Engineer's approval and shall be modified, if directed.

The Schedule of Payment Items shall be sufficiently clear, detailed and coordinated with subcontractors so as to facilitate an accurate and realistic appraisal of Bid Item costs for the purpose of making partial payments.

**S9.03 INVOICE FOR WORK COMPLETED.** Article G9.08 of the General Conditions is hereby amended to include the following:

The monthly invoice submitted by Contractor shall be similar in form to the Schedule of Payments and shall list the actual quantities of Work completed consistent with the breakdown in the Schedule of Payment items. Any approved change orders shall be listed separately.

**S9.04 EXAMINATION AND AUDIT.** Pursuant to Government Code Section 8546.7, Contractor will be subject to the examination and audit of the State Auditor, at the request of District or as part of any audit of District, for a period of three (3) years after final payment under the Contract. The examinations and audits under this provision shall be confined to those matters connected with the performance of the Contract, including, but not limited to, the costs of administering the Contract.

#### **S9.05 DESCRIPTION OF BID ITEMS**

##### **PAYMENT ITEM NO. 1 – MOBILIZATION**

Mobilization shall consist of all preparatory Work and operations, including, but not limited to, submittals and those Work items necessary for the movement of personnel, equipment, supplies, and incidentals to the Project Sites; for the establishment of all facilities necessary for Work on the Project; and for all other Work and operations that must be performed or costs incurred prior to beginning Work on the various Contract items on the Project Site.

The Contract lump sum price paid for Bid Item No. 1, *Mobilization*, shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for performing all the Work involved in mobilization as specified.

Payments for mobilization will be made as follows:

1. When the monthly partial payment estimate of the amount earned, not including the amount earned for mobilization, is five percent (5%) or more of the original Contract amount, the total amount earned for mobilization shall be fifty percent (50%) of the Contract item price for mobilization or five percent (5%) of the original Contract amount, whichever is the lesser, and said amount will be included in said estimate for payment.
2. When the monthly partial payment estimate of the amount earned, not including the amount earned for mobilization, is ten percent (10%) or more of the original Contract amount, the total amount earned for mobilization shall be seventy-five percent (75%) of the Contract item price for mobilization or seven and a half percent (7.5%) of the original Contract amount, whichever is the lesser, and said amount will be included in said estimate for payment.
3. When the monthly partial payment estimate of the amount earned, not including the amount earned for mobilization, is twenty percent (20%) or more of the original Contract amount, the total amount earned for mobilization shall be ninety-five percent (95%) of the Contract item price for mobilization or nine and a half percent (9.5%) of the original Contract amount, whichever is the lesser, and said amount will be included in said estimate for payment.
4. When the monthly partial payment estimate of the amount earned, not including the amount earned for mobilization, is fifty percent (50%) or more of the original Contract amount, the total amount earned for mobilization shall be one hundred percent (100%) of the Contract item price for mobilization or ten percent (10%) of the original Contract amount, whichever is the lesser, and said amount will be included in said estimate for payment.
5. After acceptance of the Contract pursuant to Article G7.30, *Acceptance of Contract*, the amount, if any, of the Contract item price for mobilization in excess of ten percent (10%) of the original Contract amount will be included for payment in the first estimate made in accordance with Article G9.11, *Payment After Acceptance*, of the General Conditions.

The adjustment provisions in Article G4.02, *Changes*, and the retention of fund provisions in said Article G9.09, *Partial Payments*, of the General Conditions shall not apply to the Contract lump sum item of Mobilization.

When other Contract items are adjusted as provided in said Article G4.02, if the costs applicable to such items or Work include mobilization costs, such mobilization costs will be deemed to have been recovered by Contractor by the payments made for Mobilization and will be excluded from consideration in determining compensation under said Article G4.02.

Payment will be made at the **LUMP SUM** fixed price for **BID ITEM NO. 1**.

## **PAYMENT ITEM NO. 2 – DEMOLITION AND REMOVAL**

This payment item shall include full compensation for all labor, materials, tools and equipment, and all incidental Work required for saw-cutting; drilling; demolition and removal of existing concrete curb, ~~temporary trench cover steel plates,~~ asphalt concrete, aggregate base, chain link fence, fence post concrete footings, landscaping, soil, miscellaneous items and construction debris; tree trimming; furnishing, installing and removing temporary trench cover steel plates; and performing all other related Work items as shown in the Plans and Specifications and as directed by the Engineer.

Payment will be made at the **LUMP SUM** fixed price for **BID ITEM NO. 2.**

## **PAYMENT ITEM NO. 3 – ASPHALT CONCRETE PAVEMENT**

This payment item shall include full compensation for all labor, materials, tools and equipment, and all incidental Work for furnishing and installing asphalt concrete pavement ~~and aggregate base in conduit trenches,~~ including tack coat, prime coat, and compaction; furnishing and installing and aggregate base and sand in conduit trenches; removing and installing pavement striping and marking; and performing all other related Work items as shown in the Plans and Specifications and as directed by the Engineer.

Payment will be made at the **LUMP SUM** fixed price for **BID ITEM NO. 3.**

## **PAYMENT ITEM NO. 4 – CAST-IN-PLACE CONCRETE**

This payment item shall include full compensation for all labor, materials, tools and equipment, and all incidental Work for furnishing and installing cast-in-place concrete for sliding gate wheel guide foundation, curb, sidewalk, slab on grade, ADA detectable warning plates, fence, gate post and light pole footings, field panel pads, card reader post footings, pipe bollard footings and infill, pedestal and pull box pads and collars; furnishing and installing including aggregate base under concrete slabs; furnishing and installing; anchor bolts, epoxy anchors, reinforcing steel; forming; curing; non-shrink grout; and performing all other related Work items as shown in the Plans and Specifications and as directed by the Engineer.

Payment will be made at the UNIT PRICE per cubic yard ~~LUMP SUM fixed price~~ for **BID ITEM NO. 4.**

## **PAYMENT ITEM NO. 5 – SECURITY FENCE WITH BARBED WIRES**

This payment item shall include full compensation for all labor, materials, tools and equipment, and all incidental Work for furnishing and installing perimeter security fence, including fence pipe posts and braces, ~~security fence fabric,~~ barbed wires, tension wires, tie wires, fasteners, pipe fittings, bolts, tension bars and hardware, galvanization of all steel components, and performing all other related Work items as shown in the Plans and Specifications and as directed by the Engineer.

Payment will be made at the **UNIT PRICE** per linear foot for **BID ITEM NO. 5.**

**PAYMENT ITEM NO. 6 – SECURITY VEHICLE SWING GATES**

This payment item shall include full compensation for all labor, materials, tools, and equipment and all incidental Work for furnishing and installing security vehicle swing gates and District provided gate operators, including pipe frame and braces, security fence fabric, tension wires, tie wires, barbed wires ~~and privacy fabric for rear gate~~, fasteners, hinges, latches, pins, bolts, dead-bolt locks and hardware; steel welding; galvanization of all steel components; and performing all other related Work items as shown in the Plans and Specifications and as directed by the Engineer.

Payment will be made at the **UNIT PRICE** per gate for **BID ITEM NO. 6**.

**PAYMENT ITEM NO. 7 – SECURITY PEDESTRIAN SWING GATES**

This payment item shall include full compensation for all labor, materials, tools, and equipment and all incidental Work for furnishing and installing security pedestrian swing gates, including pipe frame and braces, security fence fabric, tension wires, tie wires, barbed wires for side gate, fasteners, hinges, latches, pins, bolts, dead-bolt locks, hydraulic gate closers and hardware; steel welding; galvanization of all steel components; and performing all other related Work items as shown in the Plans and Specifications and as directed by the Engineer.

Payment will be made at the **UNIT PRICE** per gate for **BID ITEM NO. 7**.

**PAYMENT ITEM NO. 8 – SECURITY VEHICLE SLIDING GATE**

This payment item shall include full compensation for all labor, materials, tools, and equipment and all incidental Work for furnishing and installing security vehicle sliding gate, including the aluminum gate frame and braces, security fence fabric, tension wires, tie wires, fasteners, hinges, latches, pins, bolts, gate rollers, support pipes, welding; galvanization of all steel components; and performing all other related Work items as shown in the Plans and Specifications and as directed by the Engineer.

Payment will be made at the **UNIT PRICE** per gate for **BID ITEM NO. 8**.

**PAYMENT ITEM NO. 9 – ELECTRIC SLIDING GATE OPERATOR**

This payment item shall include full compensation for all labor, materials, tools and equipment, and all incidental Work for furnishing and installing the electronic card-access controlled electric gate operator for the automatic sliding gates, including electronic control and relay wiring and connections, fasteners, hardware, equipment function testing; and performing all other related Work items as shown in the Plans and Specifications and as directed by the Engineer.

Payment will be made at the **UNIT PRICE** per gate opener for **BID ITEM NO. 9**.

**PAYMENT ITEM NO. 10 – SECURITY CAMERAS**

This payment item shall include full compensation for all labor, materials, tools and equipment, and all incidental Work for installing District provided fixed security cameras, including related equipment, electronic control and relay wiring and connections, mounting

plates, bolts, fasteners, adjustment and testing, and performing all other related Work items as shown in the Plans and Specifications and as directed by the Engineer.

Payment will be made at the **UNIT PRICE** per camera for **BID ITEM NO. 10**.

**PAYMENT ITEM NO. 11 – ELECTRICAL WORK**

This payment item shall include full compensation for all labor, materials, tools and equipment, and all incidental Work for furnishing and installing the conduits, light pole, cables, pull boxes, junction boxes, electronic card access control, magnetic locks, magnetic switches, card reader mounting poles and housing, telephone housing, vehicle detection loops, field panels, disconnects, service pedestals, transformer, switches, controls and miscellaneous equipment, including conduit and equipment supports, fasteners, anchors, testing, and performing all other related Work items as shown in the Plans and Specifications and as directed by the Engineer.

Payment will be made at the **LUMP SUM** fixed price for **BID ITEM NO. 11**.

**PAYMENT ITEM NO. 12 – STEEL PIPE BOLLARDS**

This payment item shall include full compensation for all labor, materials, tools and equipment, and all incidental Work for furnishing and installing steel pipe bollards, including galvanization of all steel components, warning tape, and performing all other related Work items as shown in the Plans and Specifications and as directed by the Engineer.

Payment will be made at the **UNIT PRICE** per bollard for **BID ITEM NO. 12**.

**PAYMENT ITEM NO. 13 – LANDSCAPING**

This payment item shall include full compensation for all labor, materials, tools and equipment, and all incidental Work required for constructing landscaping, including digging and backfill; furnishing and installing landscaping gravels, plants, planting soil, redwood mulch, fertilizer; weeds removal; removing and relocating sections of existing irrigation lines, solenoid valves, wiring and irrigation boxes; extending irrigation drip line; ; ~~maintenance~~, and other related Work items as shown in the Contract plans and specifications and as directed by the Engineer.

Payment will be made at the **LUMP SUM** fixed price for **BID ITEM NO. 13**.

**PAYMENT ITEM NO. 14 – EXCAVATION AND DISPOSAL OF CONTAMINATED SOIL**

This payment item shall include full compensation for all labor, materials, tools and equipment, and all incidental Work required for excavation and disposal of diesel fuel contaminated soil (class II) from excavation of light pole, fence post and gate posting footings, and electrical conduit trenches to a legal dump site, and other related Work items as shown in the Contract plans and specifications and as directed by the Engineer.

Payment will be made at the **UNIT PRICE** per ton for **BID ITEM NO. 14**.

**PAYMENT ITEM NO. 15 – EXCAVATION AND DISPOSAL OF SOIL**

This payment item shall include full compensation for all labor, materials, tools and equipment, and all incidental Work required for excavation and disposal of soil from excavation of light pole, fence post and gate posting footings, and, electrical conduit trenches; excavating and backfilling to expose existing water lines; and disposal of any excess excavation material from landscaping area to a legal dump site, and other related Work items as shown in the Contract plans and specifications and as directed by the Engineer.

Payment will be made at the **UNIT PRICE** per ton for **BID ITEM NO. 15**.

**S9.06 PAYMENT FOR MATERIALS ON HAND.** Payment for materials on hand will not be considered for this Project.

**S9.07 PROMPT PAYMENT TO SUBCONTRACTORS.** Attention is directed to Special Provision 11.07.C, which includes federal and state requirements for the prompt payment to subcontractors. In the event Contractor does not make payments to subcontractors in compliance with these requirements, Contractor will be subject to the penalties, sanctions, and other remedies specified in Section 7108.5 of the California Business and Professions Code.

**S9.08 PARTIAL PAYMENTS.** The following language is added after Section G9.09, *Partial Payments*, of the General Conditions:

Pursuant to Public Contract Code Section 22300, Contractor may submit securities in lieu of District retaining a portion of progress payments. Upon Contractor’s request and pursuant to the requirements of Section 22300, District will accept securities in lieu of retaining funds if Contractor deposits in escrow with District, or with a bank acceptable to District, securities eligible for investment under California Government Code Section 16430, bank or savings and loan certificates of deposit, interest-bearing demand deposit accounts, standby letters of credit, or any other security mutually agreed to by Contractor and District, upon the following conditions:

1. Contractor shall bear the expenses of District and the escrow agent in connection with escrow deposit made.
2. Securities or certificates of deposit to be placed in escrow shall be of a value at least equivalent to the amounts of retention to be paid to Contractor pursuant to this Section.
3. Contractor shall enter into an escrow agreement satisfactory to District, which agreement shall be substantially similar to the form provided in California Public Contract Code Section 22300.
4. Contractor shall obtain the written consent of the surety to such agreement.

**S9.09 PAYMENT OF WITHHELD FUNDS.** The following paragraph is added after Section G9.10, *Payment of Withheld Funds*, of the General Conditions:

If Contractor elects to receive interest on funds withheld in retention by District, Contractor shall, at the request of any subcontractor performing more than five percent (5%) of Contractor’s total bid, make that option available to the subcontractor to receive interest on any funds withheld in retention by Contractor from the subcontractor. The

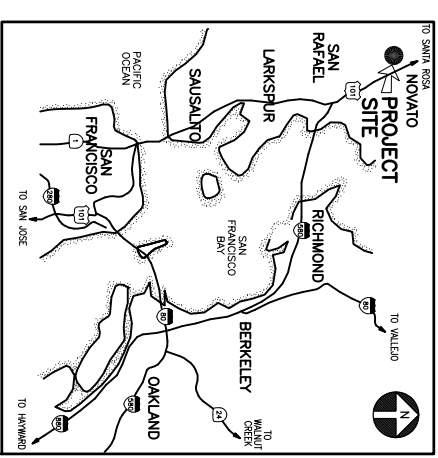
subcontractor shall receive interest in accordance with Public Contract Code Section 22300(d)(1). Alternatively, if Contractor elects to substitute securities in lieu of retention, then by mutual consent of Contractor and subcontractor, any subcontractor performing more than five percent (5%) of Contractor's total bid may substitute securities in lieu of funds withheld by Contractor.

REV	SHEET	SHEET
NO.	NO.	TOTAL
1	1	15



# NOVATO BUS FACILITY SECURITY IMPROVEMENTS

## Contract No. 2012-BT-6



VICINITY MAP  
NOT TO SCALE

### DRAWING INDEX

SHT NO.	DWG NO.	ARCHITECTURAL
1	A1	TITLE SHEET
2	A2	EXISTING UTILITIES & SITE IMPROVEMENT PLAN
3	A3	BUS & EMPLOYEE PARKING LOT SITE IMPROVEMENT PLAN
4	A4	SECURITY CHAIN LINK FENCE & SWING GATE DETAILS
5	A5	SECURITY CHAIN LINK FENCE DETAILS
<b>STRUCTURAL</b>		
6	S1	CONSTRUCTION DETAILS
7	S2	BUS PARKING LOT SLIDING GATE PLAN & ELEVATION
8	S3	BUS PARKING LOT SLIDING GATE DETAILS
<b>ELECTRICAL</b>		
9	E1	SYMBOL LIST, ABBREVIATIONS, & LIGHTPOLE DETAIL
10	E2	DISPATCH OFFICE PARTIAL ELECTRICAL PLAN & DIAGRAM
11	E3	ELECTRICAL SITE POWER, SECURITY, & DATA PLAN
12	E4	POWER & SIGNAL ELECTRICAL DETAILS
13	E5	SCHEMATIC ELECTRICAL CONDUIT & CABLE PLAN
14	E6	SCHEMATIC ELECTRIC GATE CONTROL PLANS
15	E7	SCHEMATIC DIAGRAM & SCHEDULES

### SYMBOLS & ABBREVIATIONS

AB	AGGREGATE BASE	JB	JUNCTION BOX
AC	ASPHALT CONCRETE	MAG	MAGNETIC
ADA	AMERICANS WITH DISABILITIES ACT	MAX	MAXIMUM
AFF	ABOVE FINISHED FLOOR	MFR	MANUFACTURER
ALUM	ALUMINUM	MH	MANHOLE
APPROX	APPROXIMATE	MIN	MINIMUM
BLDG	BUILDING	±	MORE OR LESS
BM	BENCHMARK	(N)	NEW
BOT	BOTTOM	(N)	NOT TO SCALE
C	CONDUIT	No. #	NUMBER
CLR	CLEAR	OC	ON CENTER
CONC	CONCRETE	P	POWER
CO	COLUMN	PB	PULL BOX
COL	COLUmn	PE	PEDESTRIAN
COMM	COMMERCIAL, COMMUNICATION	PL	PLATE
COMP	COMPANY	PREFAB	PREFABRICATED
CONT	CONTINUOUS	PVMT	PAVEMENT
CTR	CENTER	R, RAD	RADIUS
DET	DETAIL	(R)	REMOVE
D, DIA, ø	DIAMETER, DISTRICT	REBAR	REINFORCING BAR
DI	DRAIN INLET	S	SIGNAL
DW	DETECTABLE WARNING	SCH	SCHEDULE
EJ, EXP JT	EXPANSION JOINT	SEC	SECURITY
EL, ELEV	ELEVATION	SECT	SECTION
ELECT	ELECTRICAL	SF	SQUARE FEET
(E)	EXISTING	SHT	SHEET
EQ	EQUAL	SIM	SIMILAR
EOPt	EQUIPMENT	SS	STAINLESS STEEL
EW	EACH WAY	STD	STANDARD
EXP	EXPANSION	STL	STEEL
EXT	EXTENSION	SQ	SQUARE
FDN	FOUNDATION	TG	TOP OF GRADE
FT	FEET	THK	THICK
FTG	FOOTING	TS	STRUCTURAL TUBE STEEL
FOC	FACE OF CURB	TP	TOP OF PAVEMENT
GALV	GALVANIZED	TYP	TYPICAL
HD	HOT-DIPPED, HEAVY-DUTY	UN	UNLESS OTHERWISE NOTED
HORIZ	HORIZONTAL	VAR	VARIABLE
WF	WEATHER-ROOF	VP	VERTICAL IN FIELD

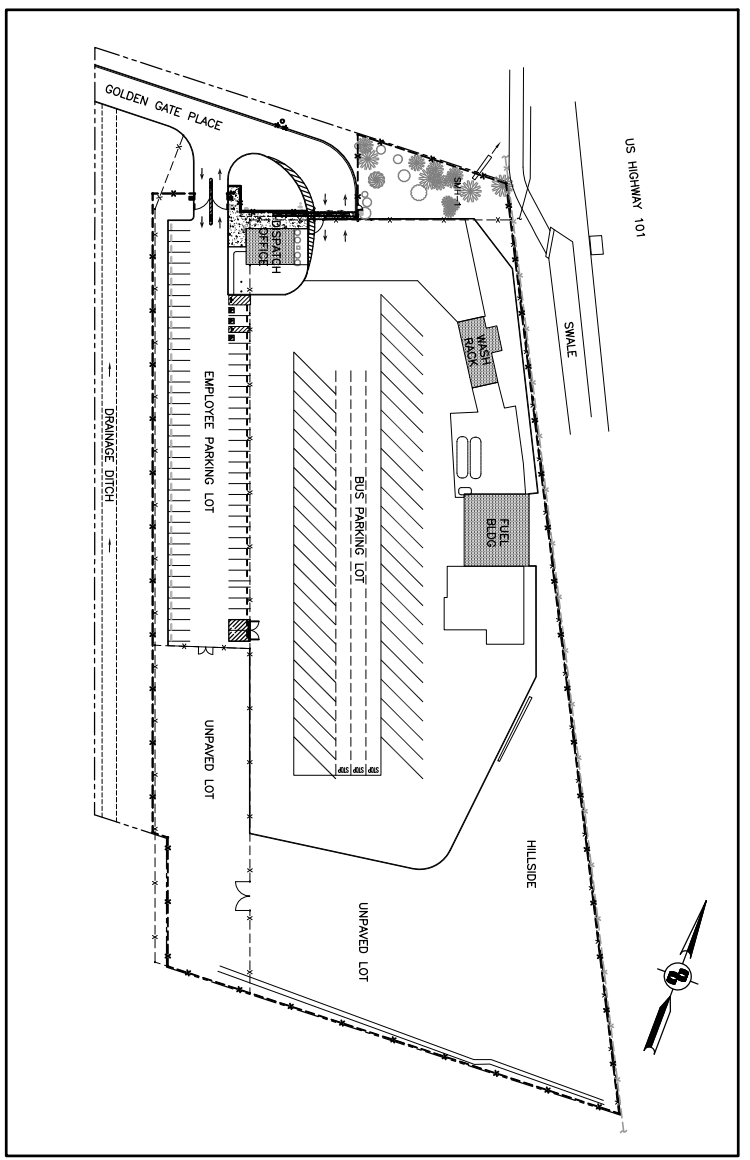
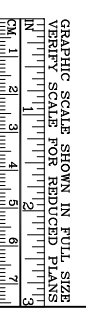
### GENERAL NOTES

- CONTRACTOR SHALL POSSESS A VALID STATE OF CALIFORNIA CLASS "A" GENERAL ENGINEERING CONTRACTOR'S LICENSE WITH MINIMUM OF THREE (3) PROJECT EXPERIENCE WITH PUBLIC AGENCIES IN THE PAST FIVE YEARS AT THE TIME OF CONTRACT AWARD. ALL SUB-CONTRACTOR, IF ANY, SHALL BE PROPERLY LICENSED BY THE STATE OF CALIFORNIA TO PERFORM SPECIALIZED TRADES.
- NEW CONSTRUCTION SHALL EITHER BE UNPREFIXED OR PREFIXED BY (N) OR "NEW". EXISTING CONSTRUCTION SHALL BE PREFIXED BY (E) OR "EXIST".
- CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND CONTROLLING FIELD DIMENSIONS PRIOR TO ORDERING OR FABRICATING OF MATERIALS AND BEGINNING OF WORK.
- CONTRACTOR SHALL SUBMIT WORK PLAN AND HEALTH & SAFETY PLAN & OBTAIN APPROVAL BY THE ENGINEER PRIOR TO STARTING FIELD WORK.
- ALL EXCAVATION SHALL BE HAND DIG NEAR EXISTING UTILITIES AND AT INTERIOR YARD AS THERE ARE MANY UNIDENTIFIED UTILITIES IN THE CONSTRUCTION AREA. DAMAGE TO EXISTING UTILITIES CAUSED BY CONTRACTOR SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AT NO COST TO DISTRICT.

### DETAIL / SECTION DESIGNATION

1  
A2

INDICATES SHEET NUMBER WHERE DETAIL, PLAN, SECTION OR ELEVATION IS SHOWN OR REFERENCED

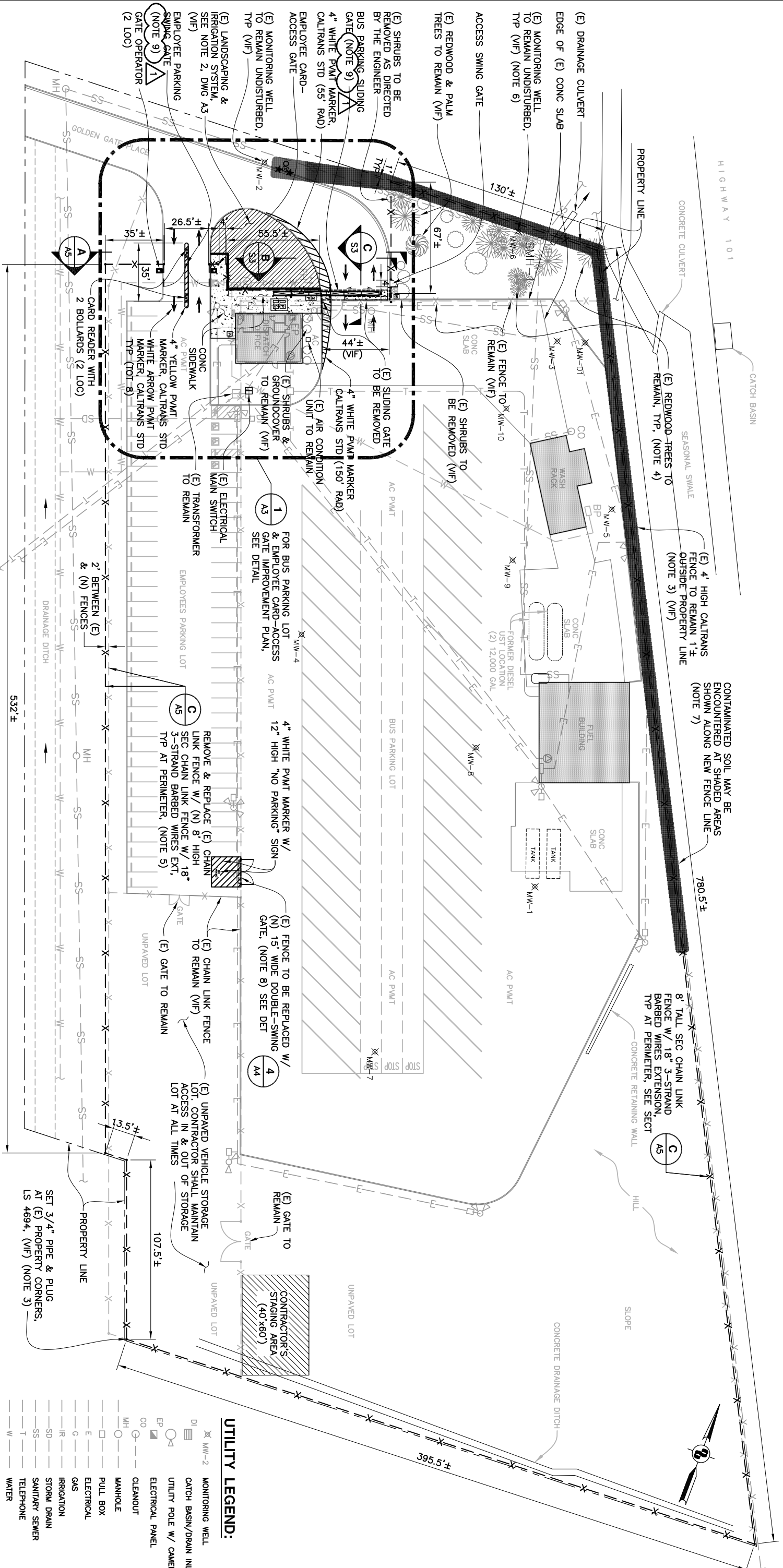


LOCATION PLAN  
SCALE: 1"=80'

### ADDENDUM NO. 1

PROJECT ADDRESS: 801 GOLDEN GATE PLACE NOVATO, CALIFORNIA 94945		APPROVED BY: [Signature] PROJECT ENGINEER DATE: 11-15-11		APPROVED BY: [Signature] DISTRICT ENGINEER DATE: 11-15-11		PROJECT TITLE: NOVATO BUS FACILITY SECURITY IMPROVEMENTS		SHEET TITLE: TITLE SHEET	
CONTRACT NO. 2012-BT-6 CADD FILE: 12TOBE001-AD1.DWG	REVISIONS NO. 1 DATE: MW/12/12/11	DWG NO. A1	DESIGNED: MWY CHECKED: JRE DATE: 15NOV11	DRAWN: GLM					

REV	SHEET NO.	SHEET TOTAL
1	2	15



**NOTES:**

1. ALL UTILITY LOCATIONS ARE APPROXIMATE & MUST BE FIELD VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION.
2. CALL U.S.A. BEFORE DIGGING OR DRILLING FOR FENCE POST FOOTINGS (1-800-227-2600).
3. A RECORD OF PROPERTY BOUNDARY SURVEY BY LAWRENCE DOYLE LAND SURVEYOR, DATED 1/20/11, IS AVAILABLE IN ENGINEER'S OFFICE UPON REQUEST TO AID IN SETTING BOUNDARY CORNERS.
4. REMOVE SHRUB & VEGETATION WITHIN 1 FT OF (N) FENCE LINE & TRIM (E) TREES 2 FT CLEAR FROM (N) FENCE FABRIC & WIRES, NOTIFY ENGINEER PRIOR TO TRIMMING.
5. THE BUS LOT & EMPLOYEE PARKING LOT SHALL BE SECURED AT ALL TIMES. THE FENCE WORK SHALL BE STAGED & SEQUENCED SUCH THAT AT THE END OF EACH SHIFT, THE LOTS ARE SECURED WITH FENCING.
6. CONTRACTOR SHALL NOT LOCATE FENCE POST FOOTING WITHIN 4 FT OF (E) MONITORING WELLS.
7. (E) SOIL TO BE REMOVED FROM CONDUIT TRENCH & FENCE POST FOOTING MAY CONTAIN PETROLEUM MATERIALS (DIESEL FUEL). EXCAVATED SOIL SHALL BE HANDLED IN ACCORDANCE WITH APPROVED SITE OPERATION & MATERIAL HANDLING PLAN (SOMHP).
8. REMOVE (E) AC CURB & WHEELSTOPS. MAINTAIN RUN-OFF WATER FLOW TO DRAINAGE INLET PATCH (E) PVM WITH (N) AC AS REQD.
9. CONTRACTOR SHALL MAINTAIN ACCESS TO & FROM BUS & EMPLOYEE PARKING LOT & LEASED AREA WITHIN THE SITE AT ALL TIMES.

**EXISTING UTILITIES & SITE IMPROVEMENT PLAN**

**ADDENDUM NO. 1**

**UTILITY LEGEND:**

⊗ MW-2	MONITORING WELL
⊗	CATCH BASIN/DRAIN INLET
⊗	UTILITY POLE W/ CAMERA
⊗	ELECTRICAL PANEL
⊗	CLEANOUT
⊗	MANHOLE
⊗	PULL BOX
⊗	ELECTRICAL
⊗	GAS
⊗	IRRIGATION
⊗	STORM DRAIN
⊗	SANITARY SEWER
⊗	TELEPHONE
⊗	WATER
⊗	FENCE

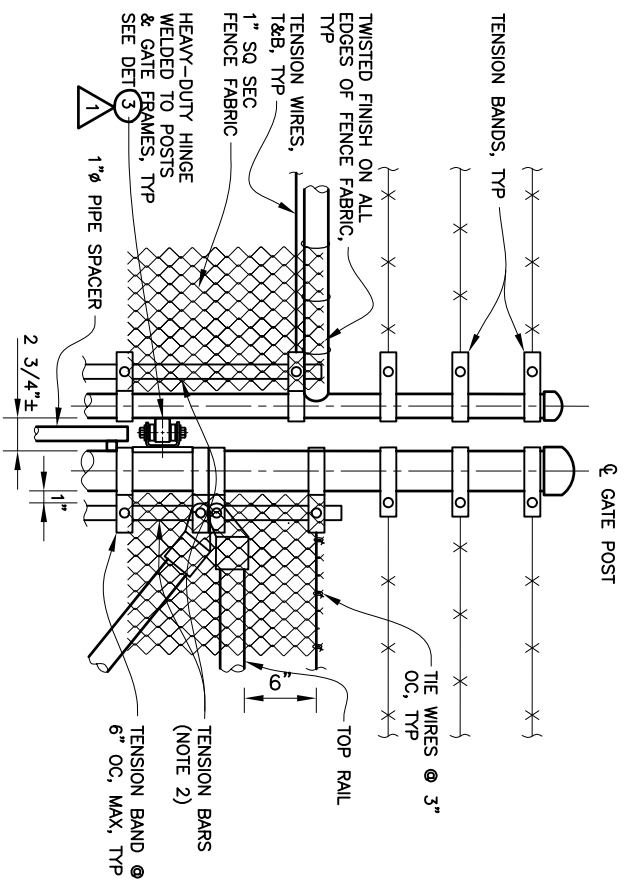
APPROVED BY	DATE	APPROVED BY	DATE
PROJECT ENGINEER	11-15-11	DISTRICT ENGINEER	11-15-11
PROJECT TITLE <b>NOVATO BUS FACILITY SECURITY IMPROVEMENTS</b>		PROJECT TITLE <b>EXISTING UTILITIES &amp; SITE IMPROVEMENT PLAN</b>	
DESIGNED: MWV	CHECKED: JRE	DATE:	15NOV11
SCALE: AS-NOTED			



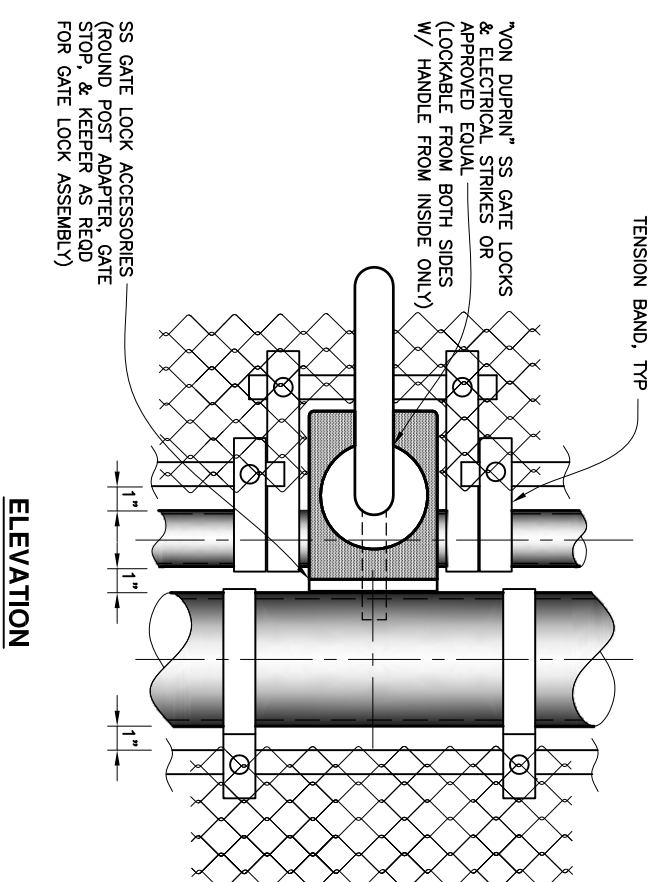
REV	SHEET NO.	SHEET NO.	SHEET TOTAL
1	4	15	

**NOTES:**

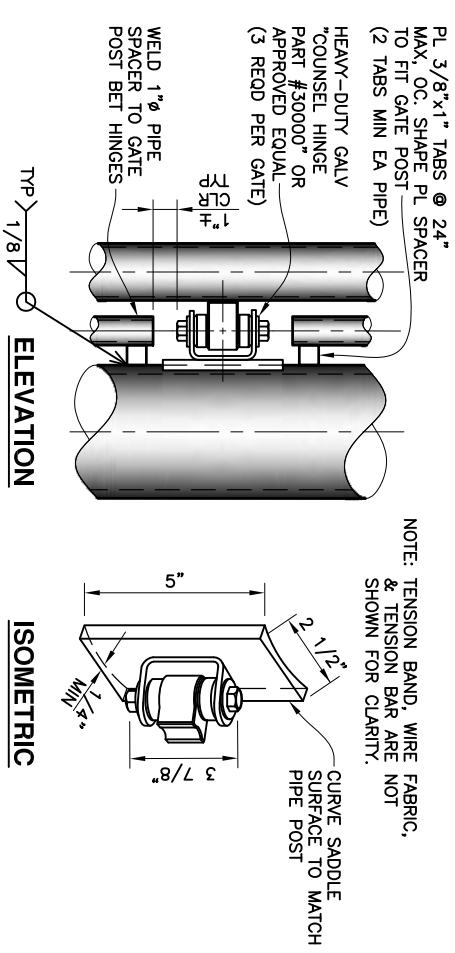
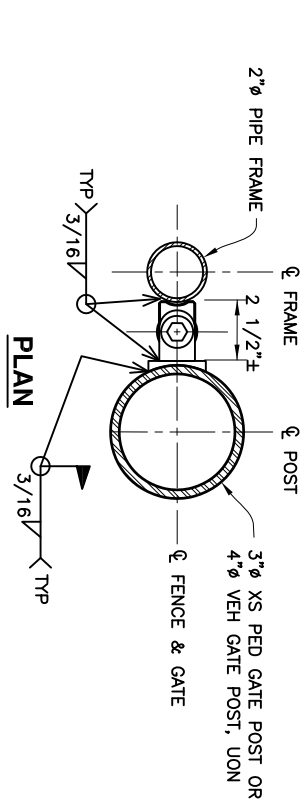
- SEE DWG A1 FOR GENERAL NOTES. SEE DWG A2 FOR LOCATION & DESCRIPTION OF SEC FENCE & GATE IMPROVEMENTS.
- SEC FENCE FABRIC SHALL BE 9 GA STL WIRE MESH W/ 1" SQ SPACING & 7 GA STL TENSION WIRES. INSTALL 1/2"x3/16" EDGE STL TENSION BAR THREADED INTO EA PIPE AT EA END OF FENCE FABRIC.
- ALL SEC FENCE FABRIC, WIRES, PIPES & HARDWARE SHALL BE HOT-DIP GALV STL. EA PIPE POST SHALL HAVE A PIPE CAP. EACH GATE, CORNER OR END POST SHALL HAVE PIPE BRACE IN EACH FENCE DIRECTION, TYP.
- SEC FENCE GATES SHALL BE ALL WELD CONSTRUCTION INCLUDING FRAMES, BRACES, LOCKS, HINGES & COVER PL. SECURE FENCE FABRIC TO TENSION WIRES W/ 9 GA STL TIE WIRES @ 3" OC & TO ALL POSTS W/ 6 GA POST CLIPS @ 6" OC. SECURE TENSION BARS W/ TENSION BANDS @ 6" OC. UN. EACH DEAD BOLT SHALL HAVE AN ENCLOSED HOUSING WELDED TO GATE FRAME & A TAMPER-PROOF COVER PLATE IN FRONT. GATE HINGES SHALL BE "STRAIGHT LINE FENCE CO. CI 3000-COUNSEL STANDARD HINGE" W/ SEALED BALL BEARING. NON-REMOVABLE PINS, PRIME & FINISH COATS, 180° TURN, OR APPROVED EQ. WELDED TO GATE POST & PIPE FRAME AS SHOWN IN DET 3.
- GRADE (E) GROUND ALONG FENCE LINE TO A SMOOTH STRAIGHT FINISH BETWEEN POSTS & CONSTRUCT SEC FENCE TO FOLLOW FINISH GROUND SLOPE. SEE GENERAL NOTES FOR PRECAUTION IN GRADING & DRILLING OPERATION.



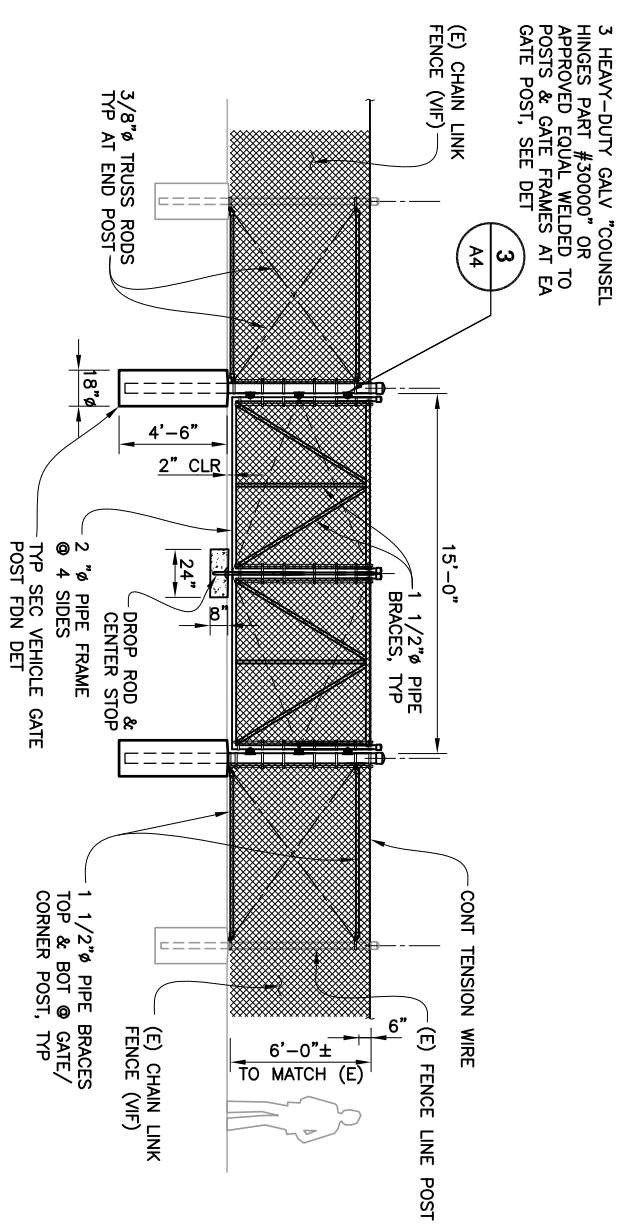
**1 FABRIC & GATE HINGE DETAIL**  
NOT TO SCALE:



**2 TYP DEAD BOLT LOCK DETAIL**  
NOT TO SCALE:



**3 TYP SECURITY HINGE DETAIL**  
NOT TO SCALE:



**4 DOUBLE - SWING GATE DETAIL**  
NOT TO SCALE:

**ADDENDUM NO. 1**

GRAPHIC SCALE SHOWN IN FULL SIZE  
VERIFY SCALE FOR REDUCED PLANS  
INCHES: 1 2 3 4 5 6 7 8 9 10  
MILLIMETERS: 0 25 50 75 100 125 150 175 200 225 250 275 300 325 350 375 400 425 450 475 500

NO.	REVISIONS	BY	DATE	DWG NO.
1	ADDENDUM NO. 1	MW	12/12/11	A4

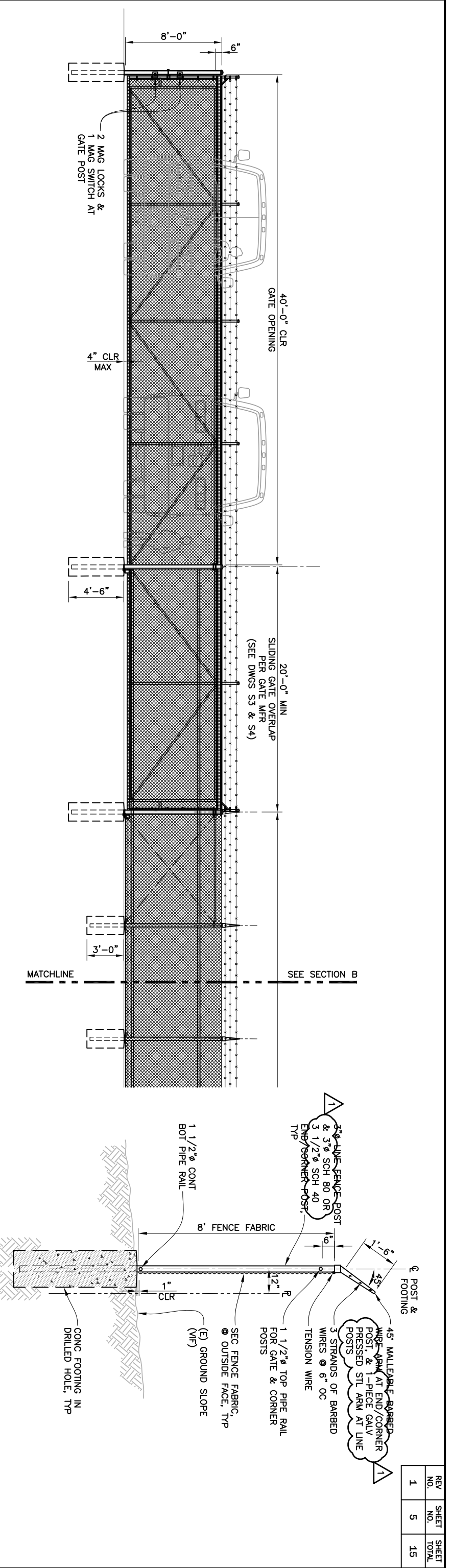
DESIGNED:	CHECKED:	DATE:	DRAWN:
MW	JRE	11NOV11	GLM



APPROVED BY: [Signature]  
PROJECT ENGINEER  
DATE: 11-15-11

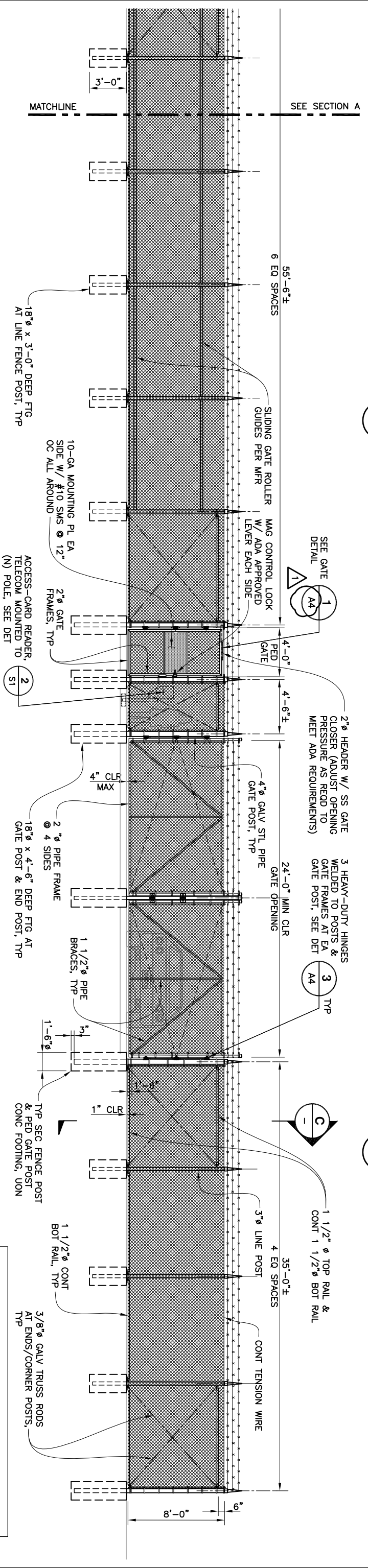
APPROVED BY: [Signature]  
DISTRICT ENGINEER  
DATE: 11-15-11

PROJECT TITLE: NOVATO BUS FACILITY SECURITY IMPROVEMENTS  
SHEET TITLE: SECURITY CHAIN LINK FENCE & GATE DETAILS



**A** BUS SLIDING GATE FENCE ELEVATION  
SCALE: 1/4"=1'-0"

**C** TYP SECURITY FENCE SECTION  
SCALE: 1/2"=1'-0"



**B** EMPLOYEE SWING GATE FENCE ELEVATION  
SCALE: 1/4"=1'-0"

**ADDENDUM NO. 1**

<p>APPROVED BY: [Signature]</p> <p>PROJECT ENGINEER: [Name]</p> <p>DATE: 11-15-11</p>		<p>APPROVED BY: [Signature]</p> <p>DISTRICT ENGINEER: [Name]</p> <p>DATE: 11-15-11</p>	
<p>NOVATO BUS FACILITY SECURITY IMPROVEMENTS</p>		<p>PROJECT TITLE</p>	
<p>SECURITY CHAIN LINK FENCE DETAILS</p>		<p>SHEET TITLE</p>	
DESIGNED: MWV	CHECKED: JRE	DATE: 11NOV11	DRAWN: GLM
<p>SCALE: AS-NOTED</p>			
<p>GOLDEN GATE BRIDGE ARCHITECT &amp; TRANSPORTATION DESIGN</p>			

GRAPHIC SCALE SHOWN IN FULL SIZE  
VERIFY SCALE FOR REDUCED PLANS

NO.	REVISIONS	BY	DATE
1	ADDENDUM NO. 1	MWV	12/12/11

CADD FILE: 12TOSEC005-AD1.DWG	DWG NO. A5
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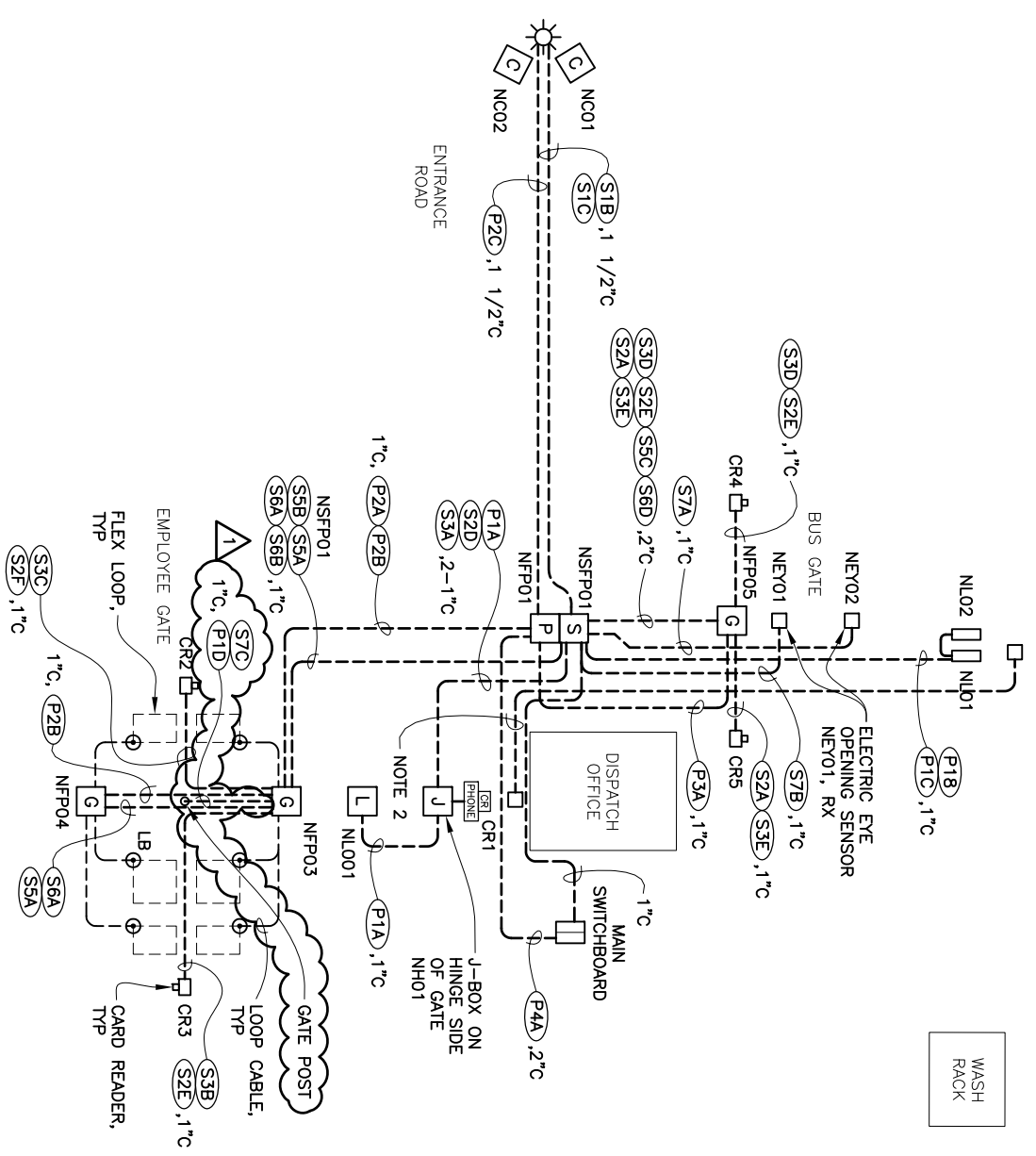
CONTRACT NO. 2012-BT-6	DATE: 11-15-11
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REV NO.	SHEET NO.	SHEET TOTAL
1	5	15

REV NO.	SHEET NO.	SHEET TOTAL
1	13	15



- NOTES:**
1. THIS DIAGRAM IS FOR CONNECTION PURPOSES ONLY. PHYSICAL LOCATIONS ARE SHOWN ON PLAN DRAWINGS.
  2. PROVIDE 4 EACH 2" PVC SCH 40 DIRECT BURIED CONDUITS TERMINATED IN 36"x24" HANDHOLE. ROUTE CONDUITS FROM (N) HANDHOLE JUST NORTH OF ENTRANCE SIDEWALK TO OFFICE AROUND NORTH SIDE OF BLDG TO WEST SIDE OF BUS ENTRANCE DRIVEWAY. CONDUITS ARE FOR FUTURE USE.



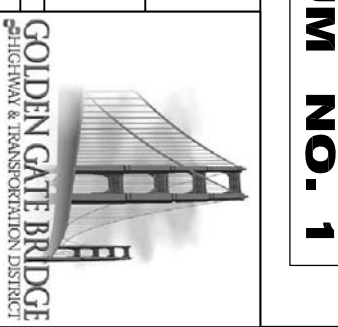
**SCHEMATIC ELECTRICAL CONDUIT & CABLE PLAN**  
NOT TO SCALE:

GRAPHIC SCALE SHOWN IN FULL SIZE  
VERIFY SCALE FOR REDUCED PLANS  
1" = 10'-0"

	APPROVED BY	STEFFEN ENGINEERING CO CONSULTING ENGINEERS
	DATE	11-15-11
	APPROVED BY	DISTRICT ENGINEER
	DATE	11-15-11

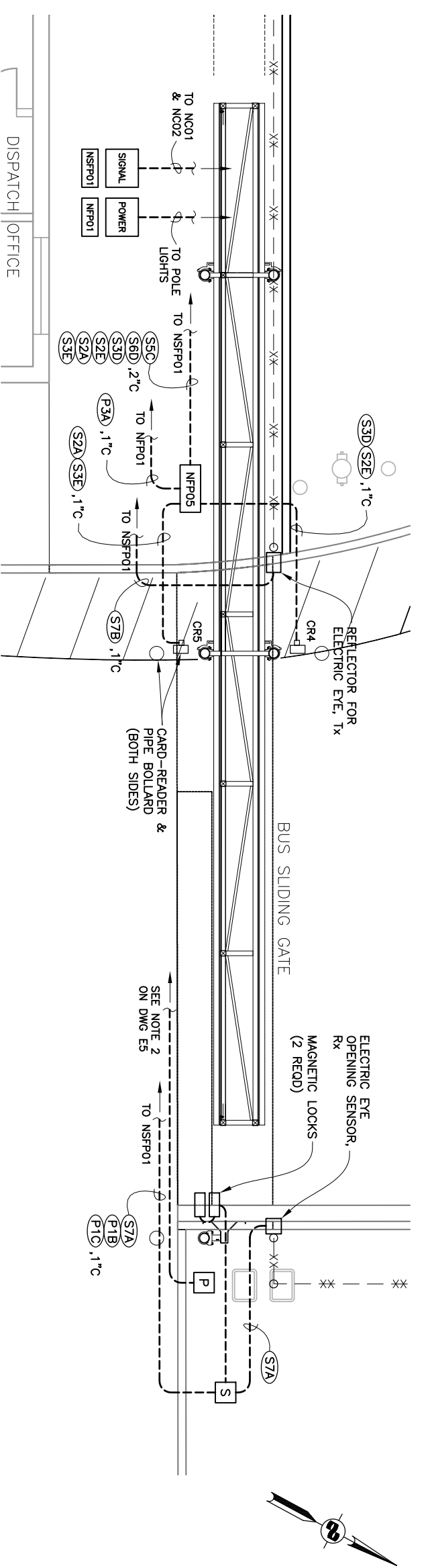
NO.	ADDENDUM NO. 1	DATE	11/12/11
NO.	REVISIONS	BY	DATE
NO.	CONTRACT NO. 2012-BT-6	DWG NO.	E5
NO.	CADD FILE:12109E013-AD1.DWG		

PROJECT TITLE	NOVATO BUS FACILITY SECURITY IMPROVEMENTS	
SHEET TITLE	SCHEMATIC ELECTRICAL CONDUIT & CABLE PLAN	
DESIGNED: VVS	CHECKED: MWR/JRE	DRAWN: GLM
SCALE: AS-NOTED	DATE: 11NOV11	

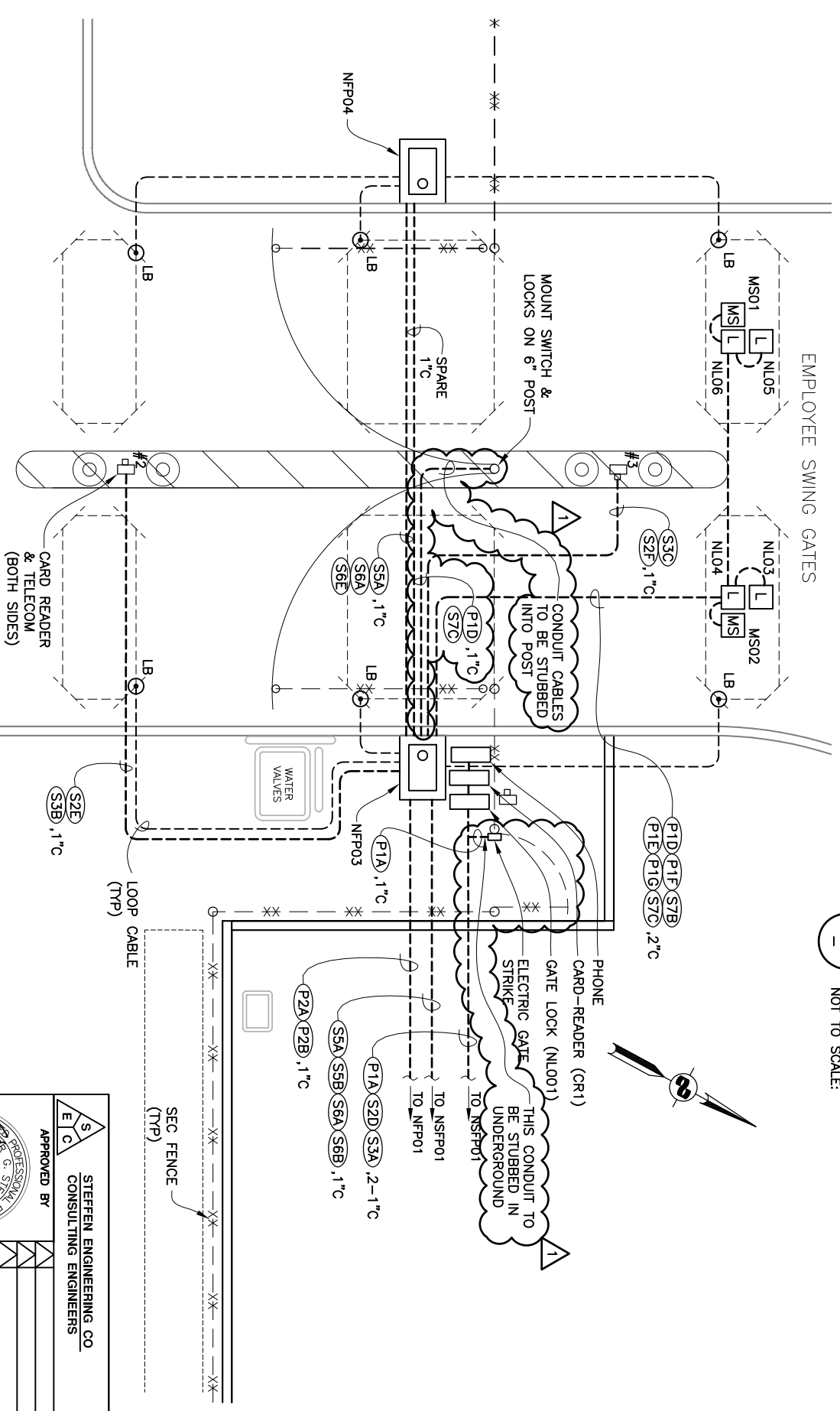


**ADDENDUM NO. 1**

REV. NO.	SHEET NO.	SHEET TOTAL
1	14	15



**1**  
BUS PARKING LOT SLIDING GATE  
SCHEMATIC CONTROL PLAN  
NOT TO SCALE:



**2**  
EMPLOYEE PARKING LOT SWING GATE  
SCHEMATIC CONTROL PLAN  
NOT TO SCALE:



	APPROVED BY	DATE
	STEVEN ENGINEERING CO CONSULTING ENGINEERS	11-15-11
	NO.	BY
	REVISIONS	DATE
CONTRACT NO. 2012-BT-6	DWG NO.	E6
CADD FILE:12TOBET014-AD1.DWG		

	APPROVED BY	DATE
	DISTRICT ENGINEER	11-15-11

PROJECT TITLE	NOVATO BUS FACILITY SECURITY IMPROVEMENTS
SHEET TITLE	SCHEMATIC ELECTRIC GATE CONTROL PLANS
DESIGNED: VAS	CHECKED: MWY/JRE
SCALE: AS-NOTED	DATE: 15NOV11

**ADDENDUM NO. 1**

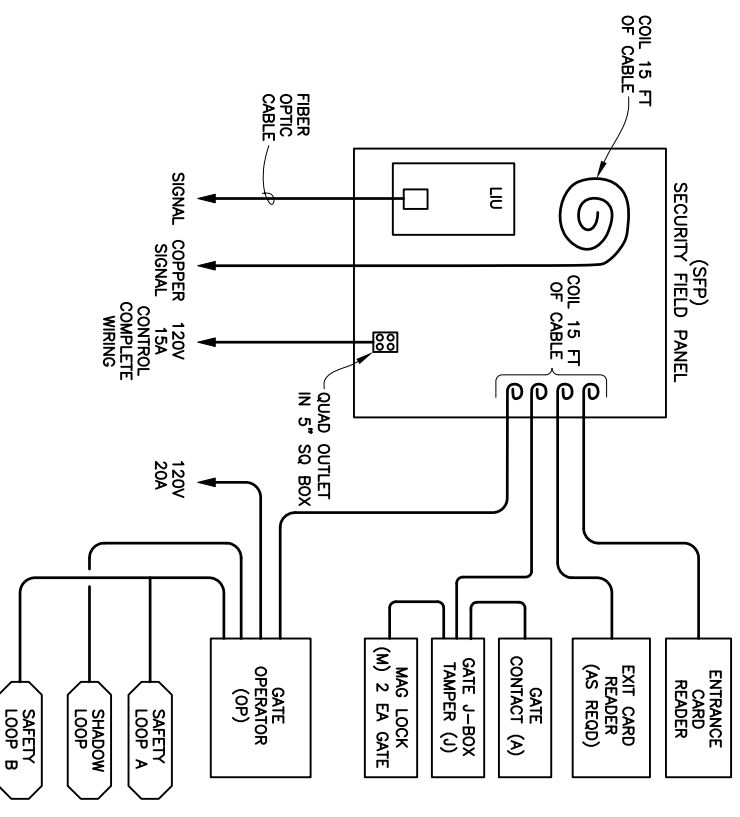


### CABLE INTERCONNECTION SCHEDULE

FROM	TO	SIGNAL					REMARKS	POWER								
		S1	S2	S3	S4	S5		S6	S7	P1	P2	P3	P4	P5		
NC01	NSFP01	A														
NC02		B														
NFP03																
NFP04																
NFP03	NFP01															
NFP04	NSFP01															
NFP03																
NFP04																
CR2																
CR3																
NH01																
NL001																
SWITCHBOARD																
NFP05	NFP01															
CR1	NSFP01															
CR4																
NFP05																
NEV02																
NL02																
NL01																
NEV01																
NFP01	POLE LIGHT															
SWITCHBOARD	NFP01															
NL03	NFP03															

### CABLE SCHEDULE

TAG	# COPPER CONDUCTOR	# FIBER STRANDS	GROUND CONDUIT	MFR	CATALOG #	REMARKS
S1	2 #18/RG59					M/C SAMESE VIDEO/POWER CABLE
S2	6-PAIR			ALPHA	351966	XTRA-GUARD 3-PR SHIELDED CAT 6e
S3	4-PAIR			ANIXTER	CM-00423 AVA-6-OD	
S4		12 MM		OCC	DX12-065D-WLX 900-OFNR-WB	12-STRAND MULTIMODE
S5	4 #18			ANIXTER	2A-1804	VEHICLE GATE CONTROLLER
S6	5 #18			ANIXTER	2A-1805	
S7	2 #18			ANIXTER	2A-1802	
<b>POWER</b>						
TAG	# COPPER CONDUCTOR	# FIBER STRANDS	GROUND CONDUIT	MFR	CATALOG #	REMARKS
P1	2 #12		1 #12			THWN
P2	2 #10		1 #10			THWN
P3	2 #8		1 #8			THWN
P4	3 #8		1 #8			THWN



**TYPICAL CARD-ACCESS VEHICLE GATE BLOCK DIAGRAM**

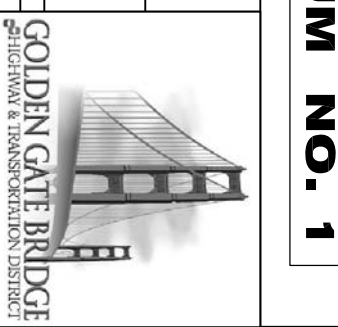
NOTE: SEE SPECIFIC GATE LAYOUTS FOR WIRING REQUIREMENTS.

GRAPHIC SCALE SHOWN IN FULL SIZE  
VERIFY SCALE FOR REDUCED PLANS  
CM 1 2 3 4 5 6 7 8 9 10

	APPROVED BY	STEFFEN ENGINEERING CO CONSULTING ENGINEERS										
	DATE	11-15-11										
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NO.	APPENDIX NO.	REVISIONS	BY	DATE								
ELECTRICAL ENGINEER CAD FILE: 12106E015-AD1.DWG DWG NO. E7												

	APPROVED BY	DISTRICT ENGINEER
	DATE	11-15-11

PROJECT TITLE		NOVATO BUS FACILITY SECURITY IMPROVEMENTS	
SHEET TITLE		SCHEMATIC DIAGRAM & SCHEDULES	
DESIGNED: VVS	CHECKED: MWY/JRE	DRAWN: GLM	SCALE: AS-NOTED
DATE: 15NOV11			



## ADDENDUM NO. 1