

2 CURB CUT DETAIL
SCALE: N.T.S.

1 SITE PLAN
SCALE: 1/16" = 1'-0"
0' 4' 8' 16' 32' 64'

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CONTRACT NO. WD-2668

CITY AND COUNTY OF SAN FRANCISCO
PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU

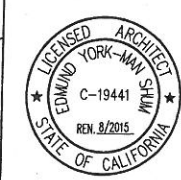
REGIONAL GROUNDWATER STORAGE AND RECOVERY
HICKEY BLVD, SSF ROW AT LOCATION CUP-22A
SITE PLAN

CHECKED / APPROVED	DESIGNED	SCALE
SECTION MANAGER	DESIGNED	AS SHOWN
APPROVED	APPROVED	DATE
		AUG 2014
MANAGER, ENGINEERING MANAGEMENT BUREAU		MANAGER, CITY DISTRIBUTION DIVISION
SHEET	PLAN NO.	REVISION NO.
	A-10.0	E-XXXX

CITY AND COUNTY OF SAN FRANCISCO
DEPARTMENT OF PUBLIC WORKS
BUILDING DESIGN & CONSTRUCTION

SECTION MANAGER	DRAWN
P. WONG	M. JOE/I. CEJA
DEPUTY BUREAU MANAGER	DESIGNED
J. LAUE	E. SHUM/M. PIERRON
CITY ARCHITECT	CHECKED
E. LOPEZ	E. SHUM/M. PIERRON

NO.	DATE	DESCRIPTION	BY	APPRD
REVISIONS				



REFERENCES
GATE BOOK PAGES, PLANS, SURVEY NOTES, ETC. USED
GATE BOOK PAGES NO.

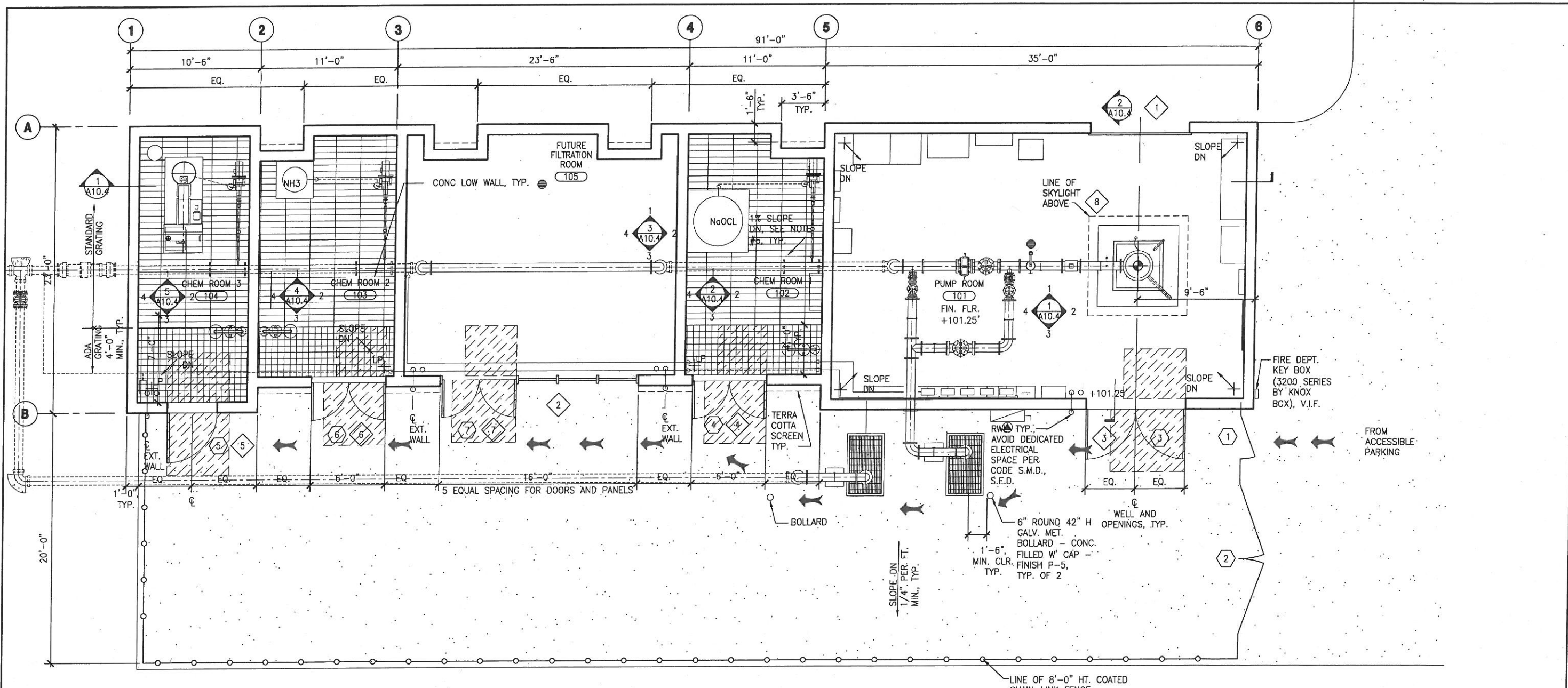
- GENERAL NOTES:**
- CONTRACTOR SHALL VERIFY LOCATION OF ALL (E) UTILITY LINES BEFORE COMMENCEMENT OF WORK.
 - CONTRACTOR SHALL EXCAVATE, TRENCH / SHORE AND BACKFILL ALL (N) UTILITY INSTALLATIONS.
 - REFER TO STRUCTURAL & LANDSCAPE PLANS FOR SPOT ELEVATION DETAILS
 - SEE LANDSCAPE DRAWINGS FOR SITE & DEMOLITION WORK
 - SEE CIVIL DRAWINGS FOR SITE GRADING AND DRAINAGE, TYP.

LEGEND:

ACCESSIBLE PATH OF TRAVEL

MAINTAIN 48" WIDE (MIN.) X 80" HIGH (MIN.) CLEAR ALONG PATH. 1.8% MAX. CROSS SLOPE & 4.7% MAX. RUNNING SLOPE

PLOT: EXTEND
SCALE: 1:1
BORDER:
22,34
COLOR: No.
RED
YELLOW
GREEN
CYAN
BLUE
MAGENTA
WHITE
GRAY
9
10
100
210



1 FLOOR PLAN
SCALE 1/4" = 1'-0"



LEGEND:

- ACCESSIBLE PATH OF TRAVEL: MAINTAIN 48" WIDE (MIN.) X 80" HIGH (MIN.) CLEAR ALONG PATH. 1.8% MAX. CROSS SLOPE & 4.7% MAX. RUNNING SLOPE
- CLEAR & LEVEL PLATFORM: CLEAR AND LEVEL PLATFORM AT DOOR. 1.8% MAX CROSS SLOPE IN EACH DIRECTION - DRAIN AWAY FROM DOOR

GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY LOCATION FOR ALL (E) UTILITY LINES. CONTRACTOR SHALL EXCAVATE, TRENCH / SHORE AND BACKFILL ALL (N) UTILITY INSTALLATIONS.
2. REFER TO STRUCTURAL & LANDSCAPE PLANS FOR SPOT ELEVATION DETAILS.
3. SEE LANDSCAPE DRAWINGS FOR SITE & DEMOLITION WORK
4. SEE LANDSCAPE DRAWINGS FOR OVERLOOK ALONG LAKE MERCED BLVD.
5. SEE CIVIL DRAWINGS FOR SITE GRADING AND DRAINAGE, TYP.
6. CHEMICAL CONTAINMENT (BELOW GRATING) - 1% SLOPE DOWN TO LOWPOINT "LP"

REFERENCES
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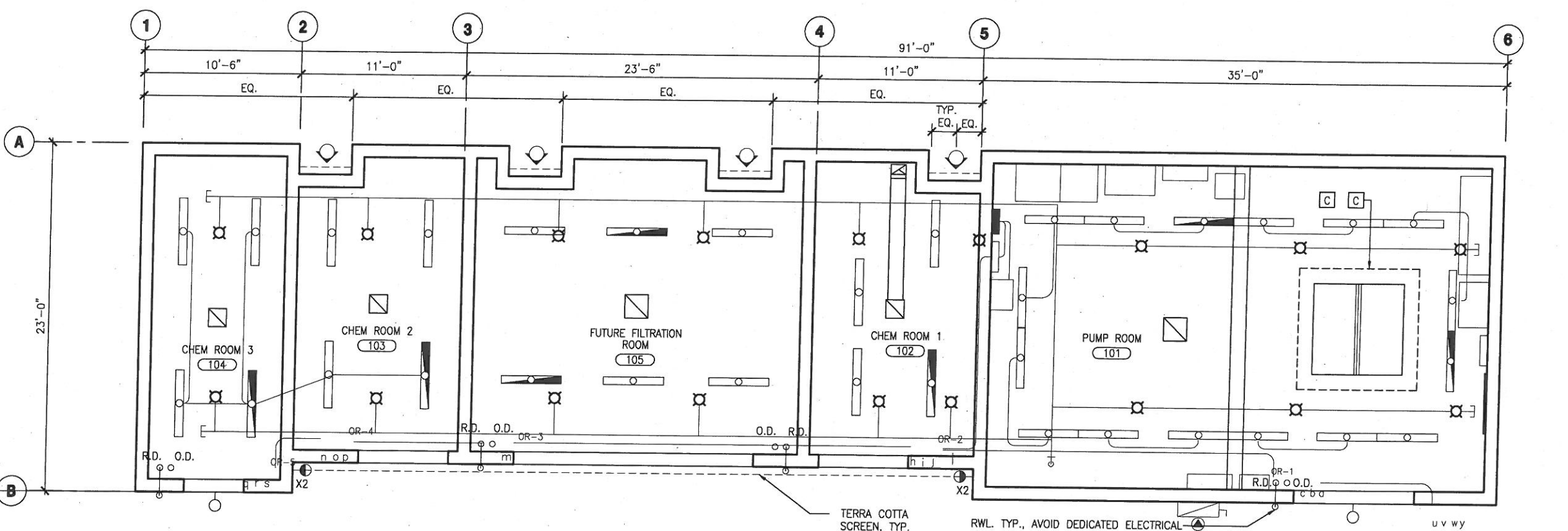
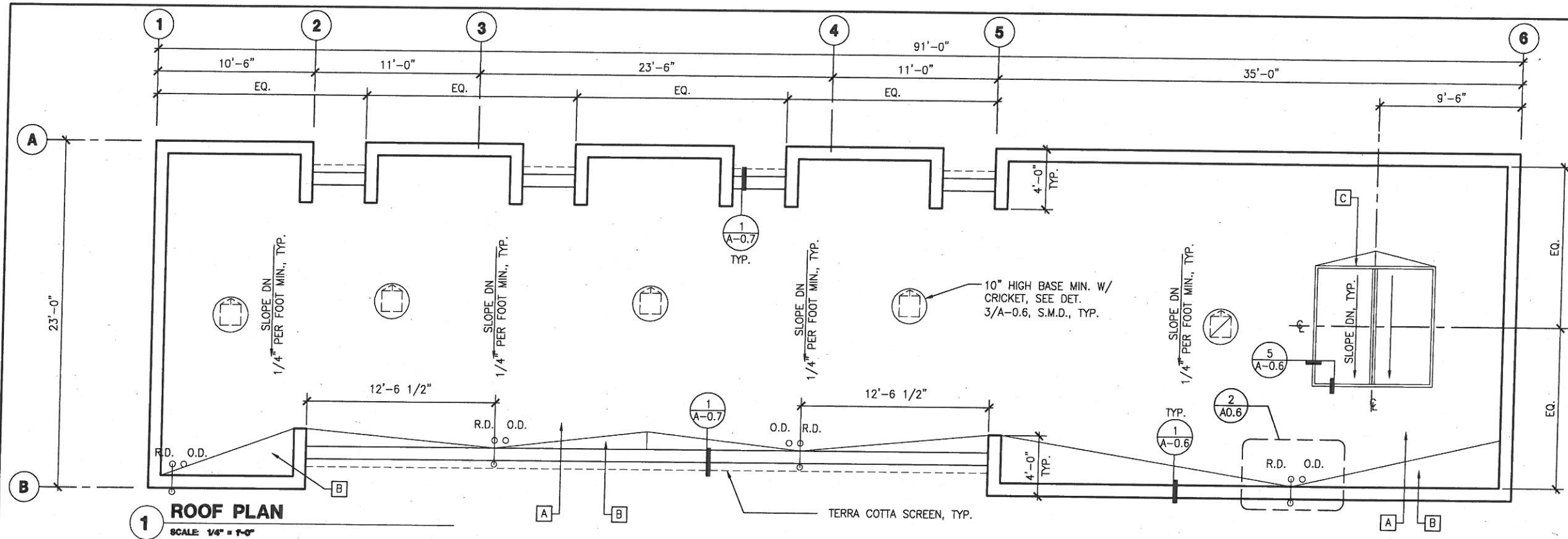


CITY AND COUNTY OF SAN FRANCISCO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION			
SECTION MANAGER P. WONG	DRAWN M. JOE/I. CEJA		
DEPUTY BUREAU MANAGER J. LAUE	DESIGNED E. SHUM/M. PIERRON		
CITY ARCHITECT E. LOPEZ	CHECKED E. SHUM/M. PIERRON		
NO. DATE DESCRIPTION BY APP'D			
REVISIONS			

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CONTRACT NO. WD-2668			
CITY AND COUNTY OF SAN FRANCISCO PUBLIC UTILITIES COMMISSION INFRASTRUCTURE DIVISION ENGINEERING MANAGEMENT BUREAU			
REGIONAL GROUNDWATER STORAGE AND RECOVERY			
HICKEY BLVD, SOUTH SAN FRANCISCO LOCATION CUP-22A FLOOR PLAN			
CHECKED / APPROVED	DRAWN	SCALE AS SHOWN	
SECTION MANAGER	DESIGNED	DATE AUG 2014	
APPROVED	APPROVED		
MANAGER, ENGINEERING MANAGEMENT BUREAU	PLAN NO. A-10.1	MANAGER, CITY DISTRIBUTION DIVISION	DRAWING NO. E-XXXX
SHEET		DRAWING NO.	REVISION NO.

PLOT: EXTEND
SCALE: 1:1
BORDER:
22,34
COLOR: No.
RED
YELLOW
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9
10
100
210



SHEET NOTES:

- A 4-PLY SBS ROOFING SYSTEM AND TAPERED INSULATION OVER ROOF DECK
- B CRICKET, TYP.
- C 8'X8' REMOVABLE MODULAR SKYLIGHT BEYOND SHOWN DASHED, AND REMOVABLE SECURITY GRILL BELOW, CENTERED ABOVE WELL, TYP. SEE SHT. A-0.6

LEGEND:

- TANKS, CONCRETE CURBS, AND EQUIPMENT BELOW SHOWN DASHED, TYP.
- ▭ CEILING MOUNTED LIGHT FIXTURE, S.E.D., TYP.
- WALL MOUNTED LIGHT FIXTURE, S.E.D., TYP.
- ◊ IN-GROUND FLOOD LIGHT, TYP.
- ◐ WALL MOUNTED RECESSED LIGHT, TYP.
- R.D. O.D. ROOF DRAIN AND OVERFLOW DRAIN, TYP.
- ▧ MECHANICAL EXHAUST, S.M.D., TYP.
- ⊗ FIRE SPRINKLER HEAD AND PIPING, S.M.D., TYP.

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PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU

REGIONAL GROUNDWATER
STORAGE AND RECOVERY
HICKEY BLVD., SOUTH SAN FRANCISCO
LOCATION CUP-22A
ROOF AND REFLECTED CEILING PLANS

CHECKED / APPROVED	DESIGN	SCALE
J. LAUE	E. SHUM/M. PIERRON	AS SHOWN
CITY ARCHITECT	E. SHUM/M. PIERRON	DATE
E. LOPEZ	E. SHUM/M. PIERRON	AUG 2014
APPROVED	APPROVED	
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION	
SHEET	PLAN NO.	DRAWING NO.
	A-10.2	E-XXXX
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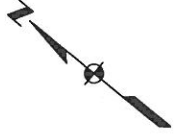
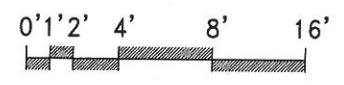
GATE BOOK PAGES
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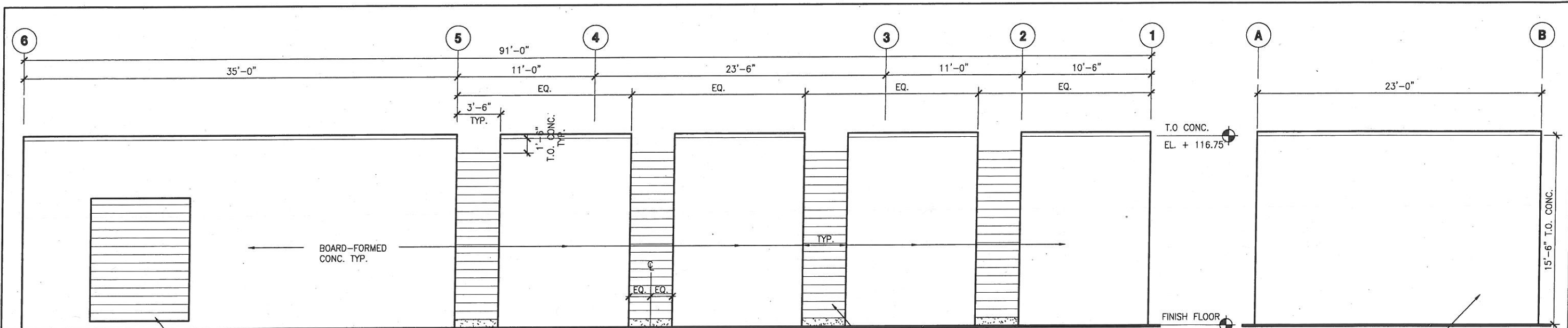


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BUILDING DESIGN & CONSTRUCTION

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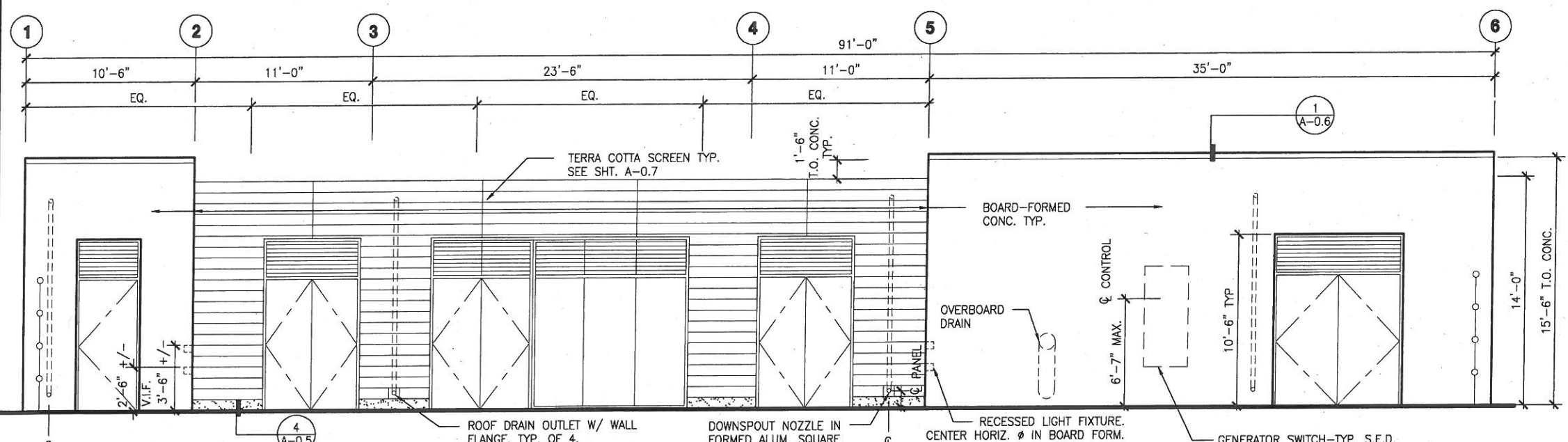
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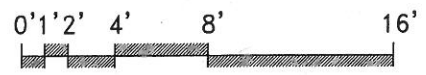


1 NORTH ELEVATION
SCALE: 1/4" = 1'-0"

2 EAST ELEVATION
SCALE: 1/4" = 1'-0"



3 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



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CITY AND COUNTY OF SAN FRANCISCO
PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU

REGIONAL GROUNDWATER
STORAGE AND RECOVERY

HICKEY BLVD, SOUTH SAN FRANCISCO
LOCATION CUP-22A
ELEVATIONS

CHECKED / APPROVED	DRAWN	SCALE
SECTION MANAGER	DESIGNED	AS SHOWN
APPROVED	APPROVED	DATE
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION	
SHEET	PLAN NO.	REVISION NO.
	A-10.3	E-XXXX

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DEPARTMENT OF PUBLIC WORKS
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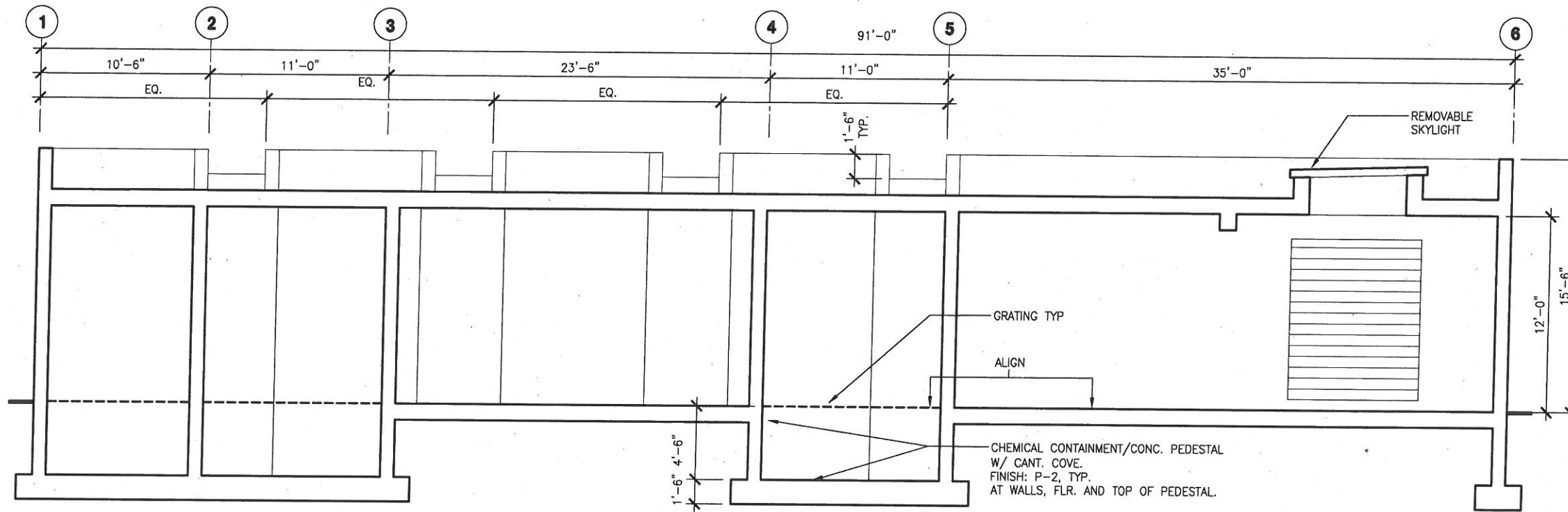
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REVISIONS				

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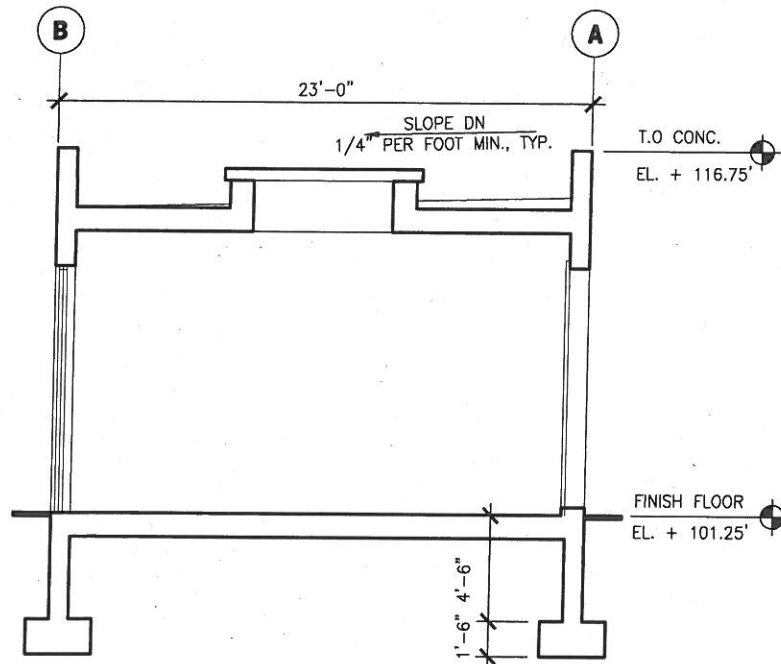
GATE BOOK PAGES
NO.



PLOT: EXTEND
SCALE: 1:1
BORDER:
22.34
COLOR: No.
RED
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1 BUILDING SECTION - AA
SCALE: 1/4" = 1'-0"



2 BUILDING SECTION - BB
SCALE: 1/4" = 1'-0"

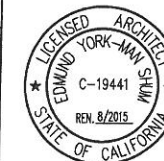
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CITY AND COUNTY OF SAN FRANCISCO
PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU

REGIONAL GROUNDWATER
STORAGE AND RECOVERY
HICKEY BLVD, SOUTH SAN FRANCISCO
LOCATION CUP-22A BUILDING
BUILDING SECTIONS

REFERENCES
GATE BOOK PAGES, PLANS,
SURVEY NOTES, ETC. USED
GATE BOOK PAGES
NO.



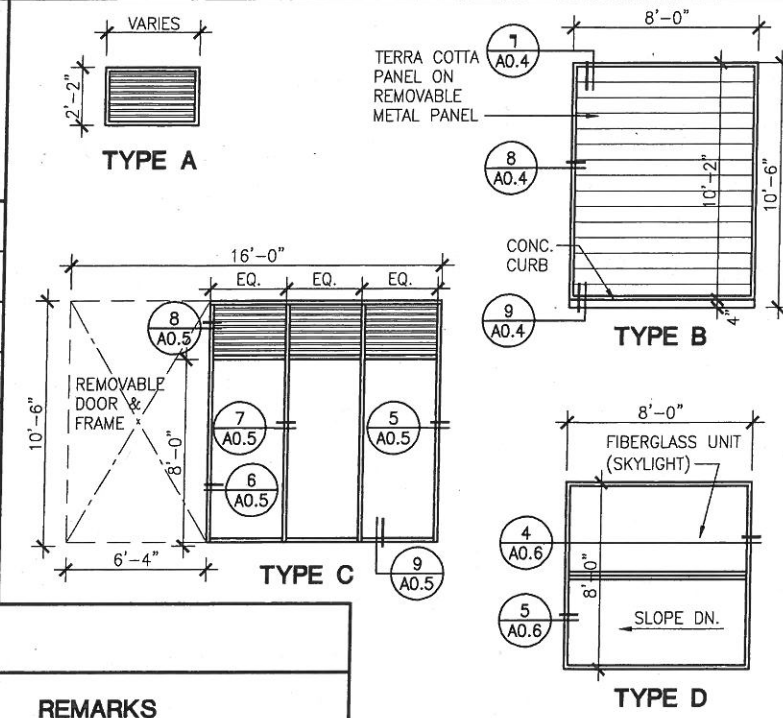
CITY AND COUNTY OF SAN FRANCISCO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION	
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CITY ARCHITECT E. LOPEZ	CHECKED E. SHUM/M. PIERRON
REVISIONS	
NO.	DATE
DESCRIPTION	BY
APPROVED	APPROVED

CHECKED / APPROVED	DRAWN	SCALE AS SHOWN
SECTION MANAGER	DESIGNED	DATE AUG 2014
APPROVED	APPROVED	
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION	
SHEET	PLAN NO. A-10.4	REVISION NO. E-XXXX

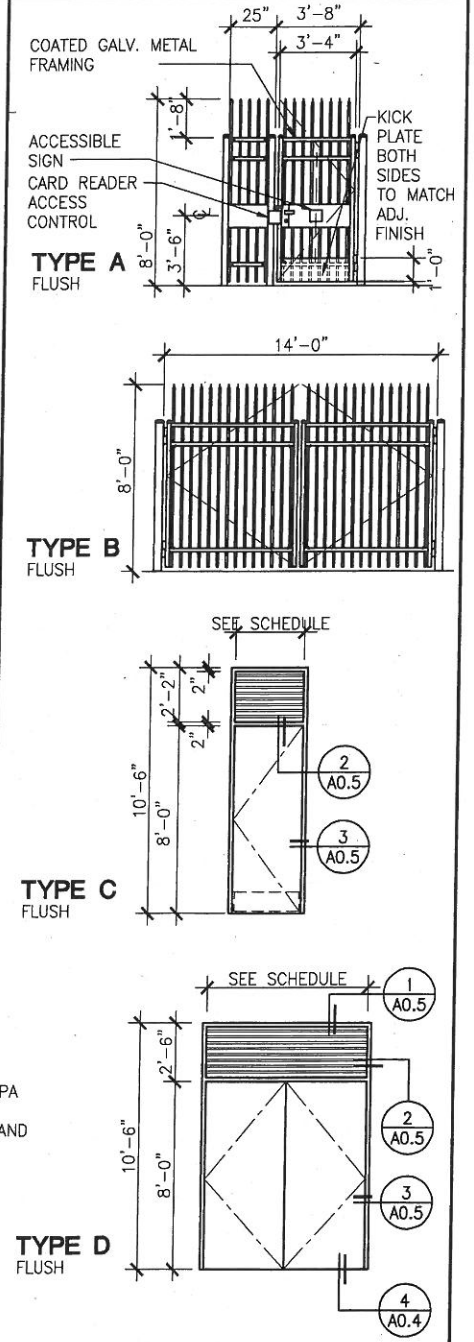
OPENING SCHEDULE

BUILDING	OPENING NO.	OPENING			FRAME							COMMENTS	
		LOCATION	TYPE	E = EXT. I = INT.	WIDTH	HEIGHT	HEAD	JAMB	SILL	MATERIAL	FINISH		GLASS TYPE
PUMP BUILDING	1	PUMP ROOM	B	E	8'-0"	10'-2"	7/A-0.4	8/A-0.4	9/A-0.4	GHM	P-4	-	REMOVABLE TERRA COTTA PANEL W/ SECURITY GRILL. SEE A-0.4
	2	FILTRATION ROOM	C	E	16'-0"	10'-6"	1/A-0.5	5/A-0.5	9/A-0.5	GHM	P-4	-	INCLUDE DOOR #7
	3	PUMP ROOM	A	E	8'-0"	2'-2"	1/A-0.4	2/A-0.4	1/A-0.4	GHM	P-4	-	
	4	CHEMICAL ROOM #1	A	E	6'-0"	2'-2"	1/A-0.5	2/A-0.5	1/A-0.5	GHM	P-4	-	
	5	CHEMICAL ROOM #3	A	E	4'-0"	2'-2"	1/A-0.4	2/A-0.4	1/A-0.4	GHM	P-4	-	
	6	CHEMICAL ROOM #2	A	E	6'-0"	2'-2"	1/A-0.5	2/A-0.5	1/A-0.5	GHM	P-4	-	
	7	FILTRATION ROOM	A	E	6'-0"	2'-2"	4/A-0.5	5/A-0.5	9/A-0.5	GHM	P-4	-	
	8	PUMP ROOM	D	E	8'-0"	8'-0"	-	-	-	-	-	-	REMOVABLE FIBERGLASS SKYLIGHT AND GALV. METAL SECURITY GRILL BELOW

OPENING TYPES



DOOR TYPES



DOOR SCHEDULE

DOOR NO.	LOCATION	DOOR OPENING		DOOR				FRAME		DETAIL			REMARKS		
		E = EXT. I = INT.	WIDTH & HEIGHT	THICKNESS	DOOR TYPE	DOOR CONSTRUCTION	DOOR FINISH	GLASS	FRAME CONSTRUCTION	FRAME FINISH	HEAD	JAMB		THRESHOLD	
1	PEDESTRIAN GATE	E	3'-6" X 8'-0"	-	A	GHM	P-3	-	GHM	-	-	-	-	1	PICKET FENCE
2	VEHICULAR PAIR GATE	E, PR	14'-0" X 8'-0"	-	B	GHM	P-3	-	GHM	-	-	-	-	2	PICKET FENCE
3	101 PUMP ROOM	E, PR	8'-0" X 8'-0"	1 3/4"	D	GHM	P-4	-	GHM	-	1/A-0.4	3/A-0.4	4/A-0.4	3	NFPA HAZ. MAT. DIAMOND SIGN
4	102 CHEMICAL ROOM #1	E, PR	6'-0" X 8'-0"	1 3/4"	D	GHM	P-4	-	GHM	-	1/A-0.5	3/A-0.5	4/A-0.4	4	NFPA HAZ. MAT. DIAMOND SIGN
5	103 CHEMICAL ROOM #3	E, LHR	4'-0" X 8'-0"	1 3/4"	C	GHM	P-4	-	GHM	-	1/A-0.4	2/A-0.4	4/A-0.4	5	NFPA HAZ. MAT. DIAMOND SIGN
6	104 CHEMICAL ROOM #2	E, PR	6'-0" X 8'-0"	1 3/4"	D	GHM	P-4	-	GHM	-	1/A-0.5	3/A-0.5	4/A-0.4	4	NFPA HAZ. MAT. DIAMOND SIGN
7	105 FILTRATION ROOM	E, PR	6'-0" X 8'-0"	1 3/4"	D	GHM	P-4	-	GHM	-	1/A-0.5	3/A-0.5 SIM.	4/A-0.4	3	NFPA HAZ. MAT. DIAMOND SIGN

- DOOR NOTES**
- DOORS AND FRAMES TO BE INSTALLED AT LOCATIONS AS SHOWN ON PARTITION PLAN.
 - ADJUST CLOSING FORCE OF CLOSER TO 5 LBF OR LESS AT EXTERIOR DOORS.
 - VERIFY ALL DOOR OPENINGS AND DIMENSIONS IN FIELD PRIOR TO FABRICATION OF DOORS, DOOR FRAMES AND LOUVERS.
 - NOTIFY PUC FOR A PRE-POUR CONDUIT INSPECTION FOR ALL ELECTRICAL DOOR HARDWARE INSTALLATION
 - PROVIDE WALL-MOUNTED GALV. METAL NFPA HAZARDOUS MATERIAL SIGN, PREMISES IDENTIFICATION AND KEY BOX PER CODE AND LOCAL FIRE MARSHALL AT ENTRY

ROOM FINISH SCHEDULE

ROOM	FLOOR	WALLS								CEILING		COMMENTS		
		CHEMICAL CONTAINMENT		NORTH		EAST		SOUTH		WEST			MATERIAL	FINISH
LOCATION	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH
PUMP ROOM	CONC.	P-1	-	-	CONC.	-	CONC.	-	CONC.	-	CONC.	-	CONC.	-
CHEMICAL ROOM #1	CONC.	-	CONC.	P-2	CONC.	-	CONC.	-	CONC.	-	CONC.	-	CONC.	-
CHEMICAL ROOM #2	CONC.	-	CONC.	P-2	CONC.	-	CONC.	-	CONC.	-	CONC.	-	CONC.	-
CHEMICAL ROOM #3	CONC.	-	CONC.	P-2	CONC.	-	CONC.	-	CONC.	-	CONC.	-	CONC.	-
FILTRATION ROOM	CONC.	P-1	-	-	CONC.	-	CONC.	-	CONC.	-	CONC.	-	CONC.	-

- P-1** MANUFACTURER: TNEPEC
COLOR: CLEAR
NUMBER: 201/211-213
OTHER: CLEAR (NON-SLIP) CONCRETE FLOOR
- P-2** MANUFACTURER: TNEPEC
COLOR: OFF-WHITE
NUMBER: 406 ELASTO SHIELD
OTHER: CHEMICAL CONTAINMENT (WALL & FLOOR)
- P-3** MANUFACTURER: TNEPEC
COLOR: BLACK
NUMBER: 750-VUX
OTHER: SEMI-GLOSS MATCH VINYL FENCING
- P-4** MANUFACTURER: TNEPEC
COLOR: MATCH ARCHITECT'S SAMPLE
NUMBER: 750 VUX
OTHER: SEMI-GLOSS MATCH METAL PANEL DOOR LOUVER & METAL FRAMES
- P-5** MANUFACTURER: TNEPEC
COLOR: OSHA YELLOW
NUMBER: 025F
OTHER: METAL BOLLARDS SAFETY WARNING.
- P-6** MANUFACTURER: DRYVIT
COLOR: MATCH ARCHITECT'S SAMPLE
NUMBER: 113 'AMARILLO WHITE'
OTHER: MATTE STUCCO, SANDPEBBLE FINE

REFERENCES
GATE BOOK PAGES, PLANS, SURVEY NOTES, ETC. USED

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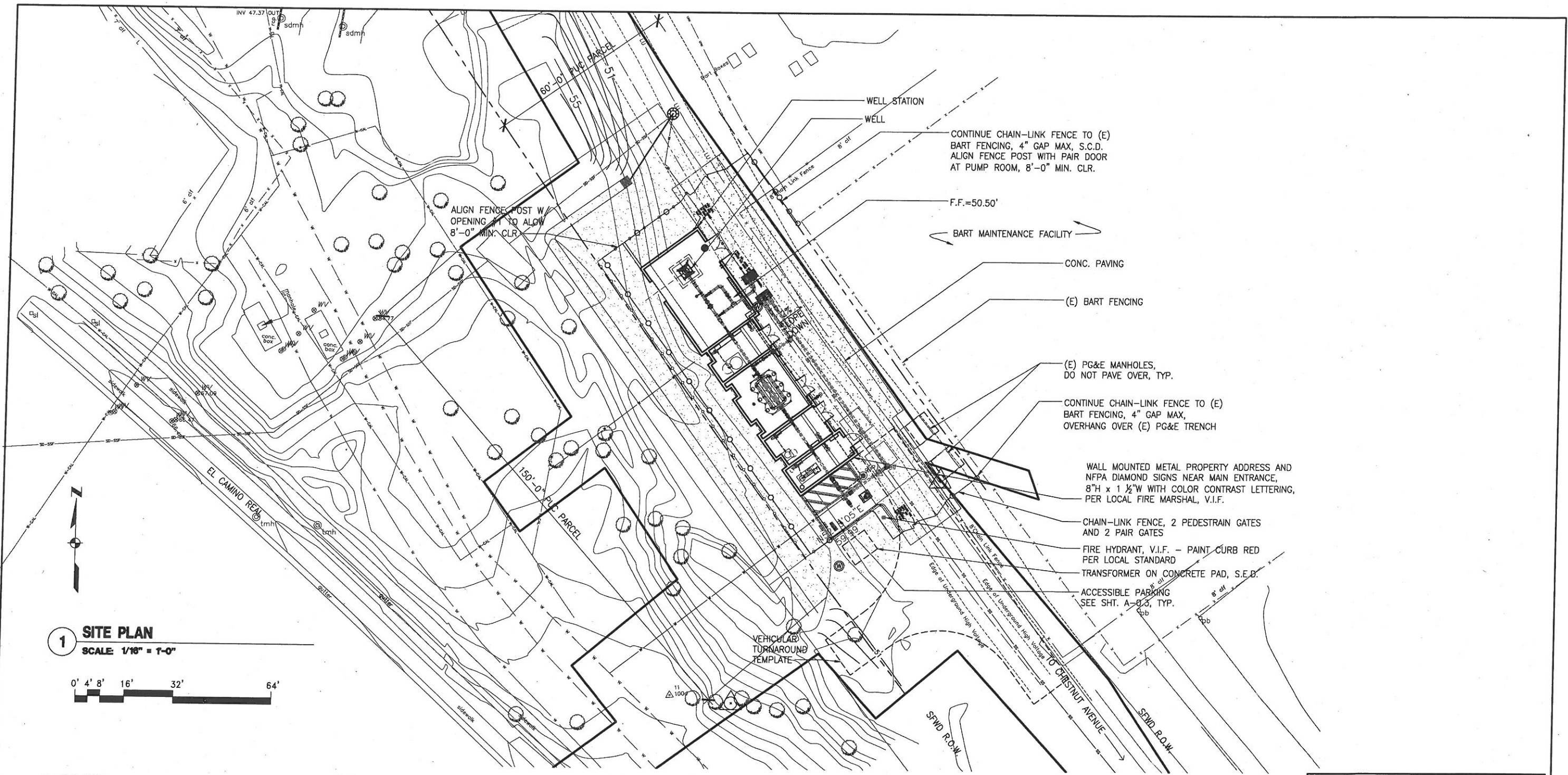
REGIONAL GROUNDWATER STORAGE AND RECOVERY
HICKEY BLVD., SOUTH SAN FRANCISCO
LOCATION CUP-22A
OPENING/DOOR/RM FINISH SCHEDULES

CHECKED / APPROVED	DRAWN	SCALE
SECTION MANAGER	DESIGNED	DATE
APPROVED	APPROVED	AUG 2014

MANAGER, ENGINEERING MANAGEMENT BUREAU
MANAGER, CITY DISTRIBUTION DIVISION

PLANS NO. **A-10.5**
DRAWING NO. **E-XXXX**

FILE: PLOT: EXTEND
SCALE: 1:1
BORDER: 22.34
COLOR: No. RED
YELLOW
GREEN
CYAN
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GRAY
9
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1 SITE PLAN
 SCALE: 1/16" = 1'-0"
 0' 4' 8' 16' 32' 64'

LEGEND:

ACCESSIBLE PATH OF TRAVEL → → →

MAINTAIN 48" WIDE (MIN.) X 80" HIGH (MIN.) CLEAR ALONG PATH. 1.8% MAX. CROSS SLOPE & 4.7% MAX. RUNNING SLOPE

- GENERAL NOTES:**
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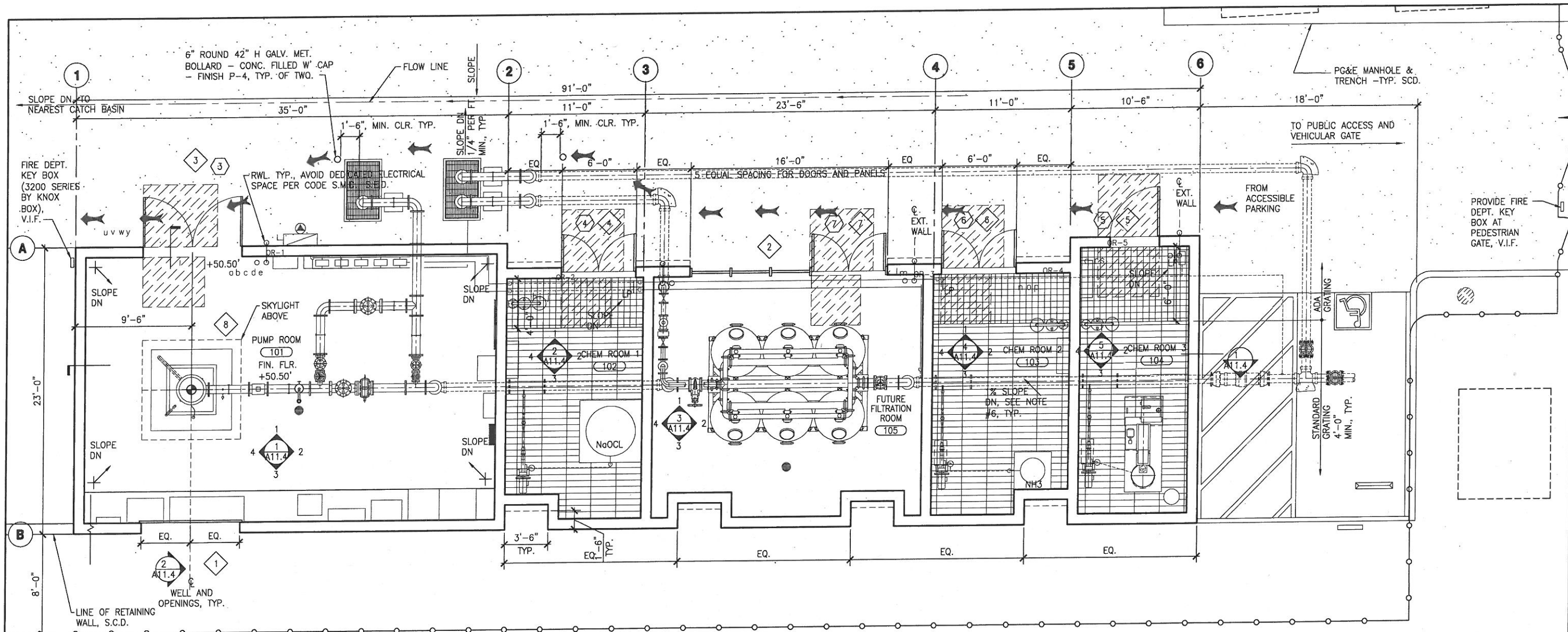


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SSF MAIN AREA, SSF LOCATION CUP-31 SITE PLAN			
CHECKED / APPROVED	DRAWN	SCALE	AS SHOWN
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 210



1 FLOOR PLAN
SCALE: 1/4" = 1'-0"



LEGEND:

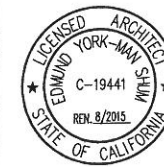
- ACCESSIBLE PATH OF TRAVEL MAINTAIN 48" WIDE (MIN.) X 80" HIGH (MIN.) CLEAR ALONG PATH. 1.8% MAX. CROSS SLOPE & 4.7% MAX. RUNNING SLOPE
- CLEAR & LEVEL PLATFORM CLEAR AND LEVEL PLATFORM AT DOOR. 1.8% MAX CROSS SLOPE IN EACH DIRECTION - DRAIN AWAY FROM DOOR

GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY LOCATION FOR ALL (E) UTILITY LINES. CONTRACTOR SHALL EXCAVATE, TRENCH / SHORE AND BACKFILL ALL (N) UTILITY INSTALLATIONS.
2. REFER TO STRUCTURAL & LANDSCAPE PLANS FOR SPOT ELEVATION DETAILS
3. SEE LANDSCAPE DRAWINGS FOR SITE & DEMOLITION WORK
4. SEE LANDSCAPE DRAWINGS FOR OVERLOOK ALONG LAKE MERCED BLVD.
5. SEE CIVIL DRAWINGS FOR SITE GRADING AND DRAINAGE, TYP.
6. CHEMICAL CONTAINMENT (BELOW GRATING) - 1% SLOPE DOWN TO LOWPOINT "LP"

REFERENCES
GATE BOOK PAGES, PLANS, SURVEY NOTES, ETC. USED

GATE BOOK PAGES NO.



CITY AND COUNTY OF SAN FRANCISCO
DEPARTMENT OF PUBLIC WORKS
BUILDING DESIGN & CONSTRUCTION

SECTION MANAGER P. WONG	DRAWN M. JOE/I. CEJA
DEPUTY BUREAU MANAGER J. LAUE	DESIGNED E. SHUM/M. PIERRON
CITY ARCHITECT E. LOPEZ	CHECKED E. SHUM/M. PIERRON

NO.	DATE	DESCRIPTION	BY	APPR'D
REVISIONS				

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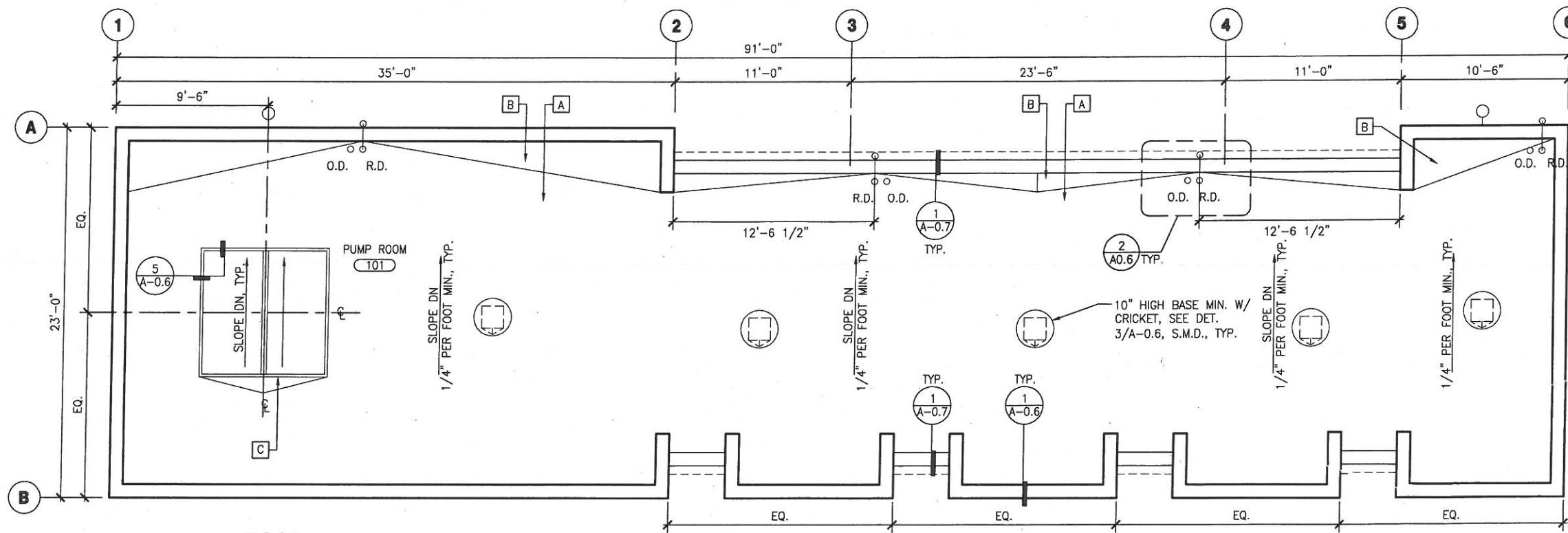
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PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU

REGIONAL GROUNDWATER STORAGE AND RECOVERY
SSF MAIN AREA
LOCATION CUP-31
FLOOR PLAN

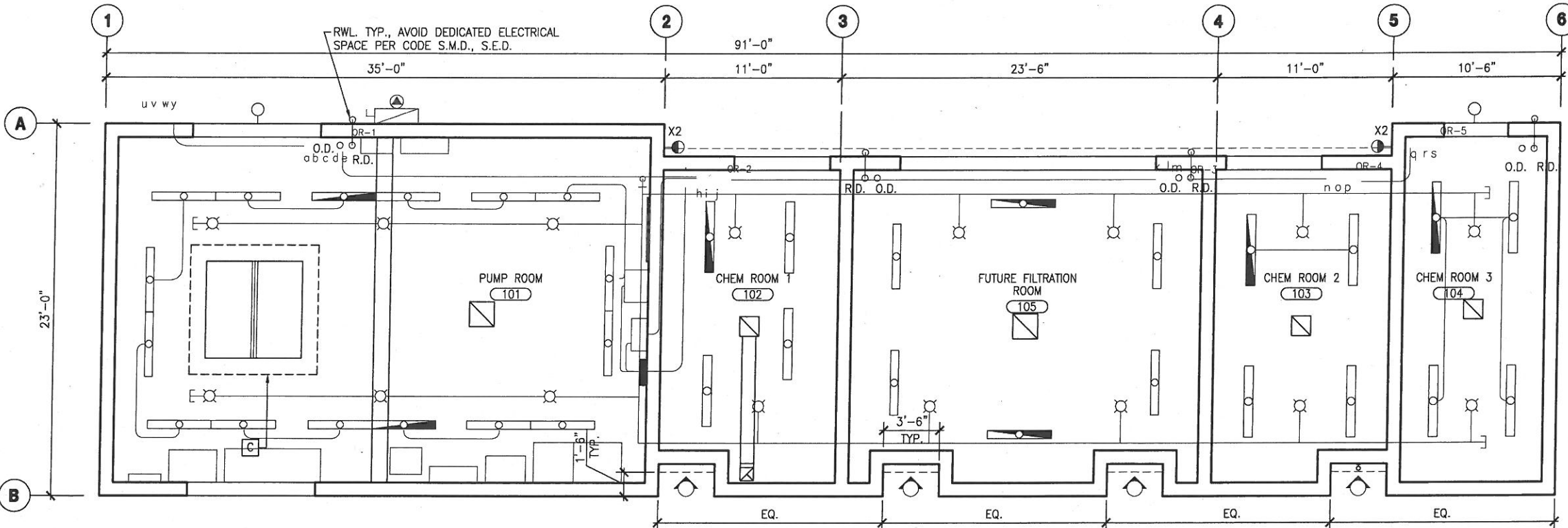
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SECTION MANAGER	DESIGNED	AS SHOWN
APPROVED	APPROVED	DATE
		AUG 2014

MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION
SHEET	NO.
NO. DATE	DESCRIPTION
A-11.1	E-XXXX

PLOT: EXTEND
SCALE: 1:1
BORDER:
22,34
COLOR: No.
RED
YELLOW
GREEN
CYAN
BLUE
MAGENTA
WHITE
GRAY
9
10
100
210



1 ROOF PLAN
SCALE: 1/4" = 1'-0"



2 REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

SHEET NOTES:

- A** 4-PLY SBS ROOFING SYSTEM AND TAPERED INSULATION OVER ROOF DECK
- B** CRICKET, TYP.
- C** 8'X8' REMOVABLE MODULAR SKYLIGHT BEYOND SHOWN DASHED, AND REMOVABLE SECURITY GRILL BELOW, CENTERED ABOVE WELL, TYP. SEE SHT. A-0.6

LEGEND:

- TANKS, CONCRETE CURBS, AND EQUIPMENT BELOW SHOWN DASHED, TYP.
- ▭ FLOURESCENT CEILING LIGHT FIXTURE, S.E.D., TYP.
- WALL MOUNTED LIGHT FIXTURE, S.E.D., TYP.
- ◊ IN-GROUND FLOOD LIGHT, TYP.
- ⊙ WALL MOUNTED RECESSED LIGHT, TYP.
- R.D. O.D. ROOF DRAIN AND OVERFLOW DRAIN, TYP.
- ▧ MECHANICAL EXHAUST, S.M.D., TYP.
- ⊗ FIRE SPRINKLER HEAD AND PIPING, S.M.D., TYP.

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ENGINEERING MANAGEMENT BUREAU

REGIONAL GROUNDWATER STORAGE AND RECOVERY

SSF MAIN AREA
LOCATION CUP-31
ROOF & REFLECTIVE CLG. PLAN

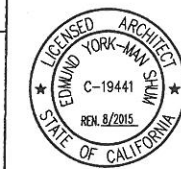
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SECTION MANAGER	DESIGNED	DATE AUG 2014
APPROVED	APPROVED	
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION	
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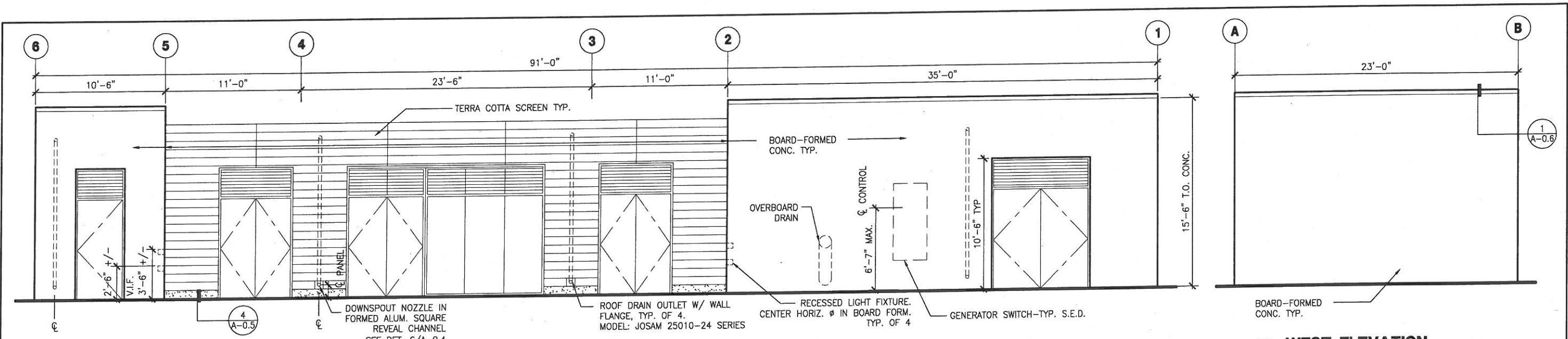


GENERAL NOTES:

1. XXXXX
2. XXXXX
3. XXXXX
4. XXXXX

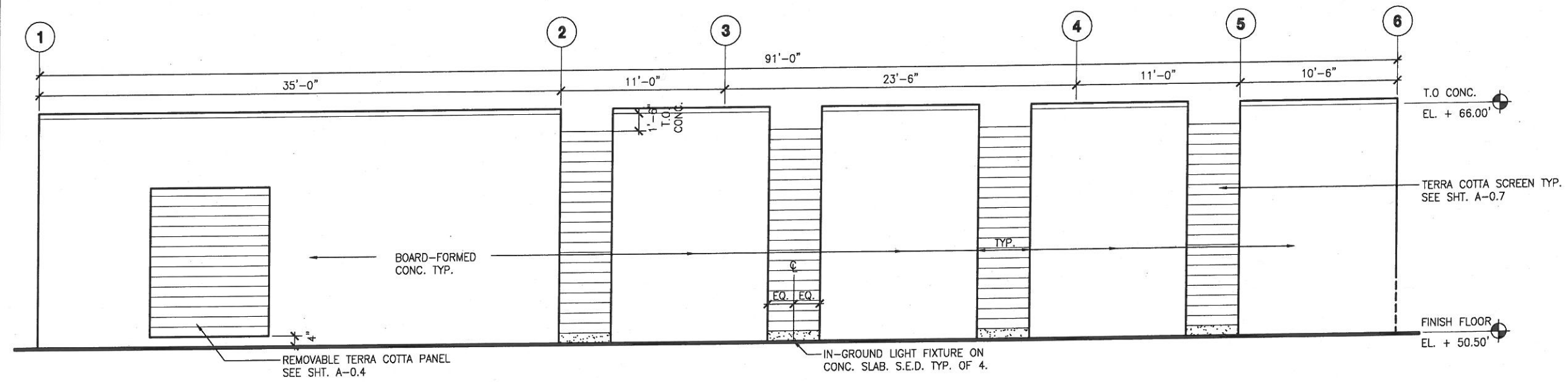


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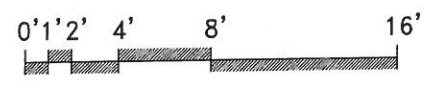


1 NORTH ELEVATION
SCALE: 1/4" = 1'-0"

2 WEST ELEVATION
SCALE: 1/4" = 1'-0"



3 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



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REGIONAL GROUNDWATER STORAGE AND RECOVERY
SSF MAIN AREA
LOCATION CUP-31
ELEVATIONS

CHECKED / APPROVED	DRAWN	SCALE AS SHOWN
SECTION MANAGER	DESIGNED	DATE
APPROVED	APPROVED	
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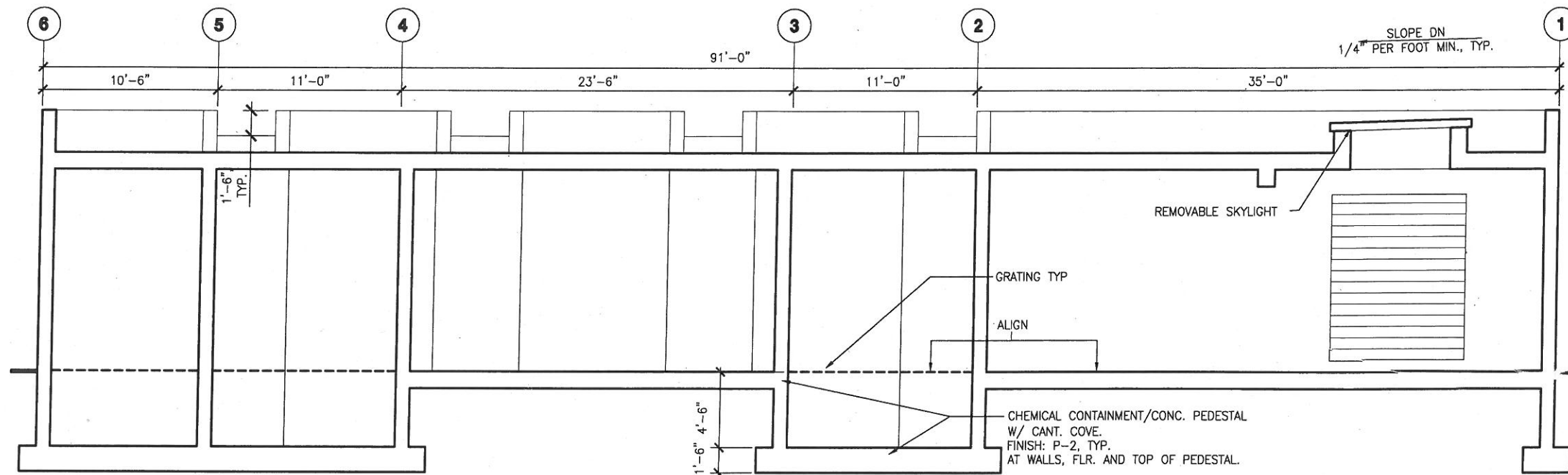


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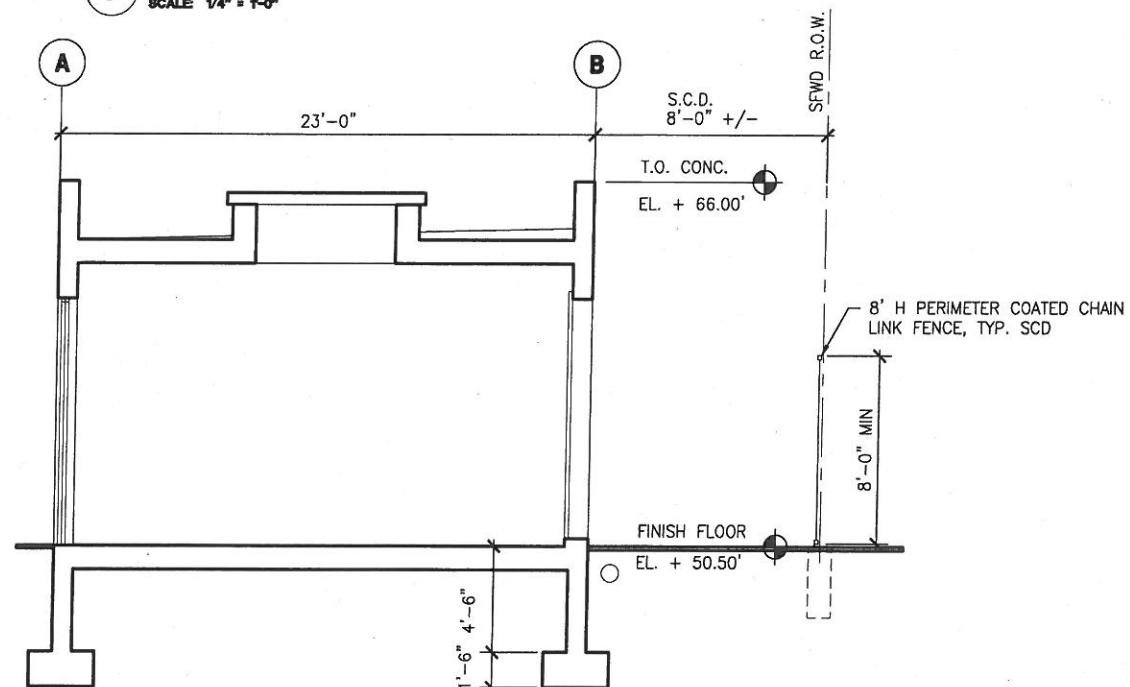
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1 BUILDING SECTION - AA
SCALE: 1/4" = 1'-0"



2 BUILDING SECTION - BB
SCALE: 1/4" = 1'-0"

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REGIONAL GROUNDWATER
STORAGE AND RECOVERY
SSF MAIN AREA
LOCATION CUP-31 BUILDING
BUILDING SECTIONS

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DRAWN: [Signature]
SECTION MANAGER: [Signature] DESIGNED: [Signature]
APPROVED: [Signature]

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BUILDING DESIGN & CONSTRUCTION

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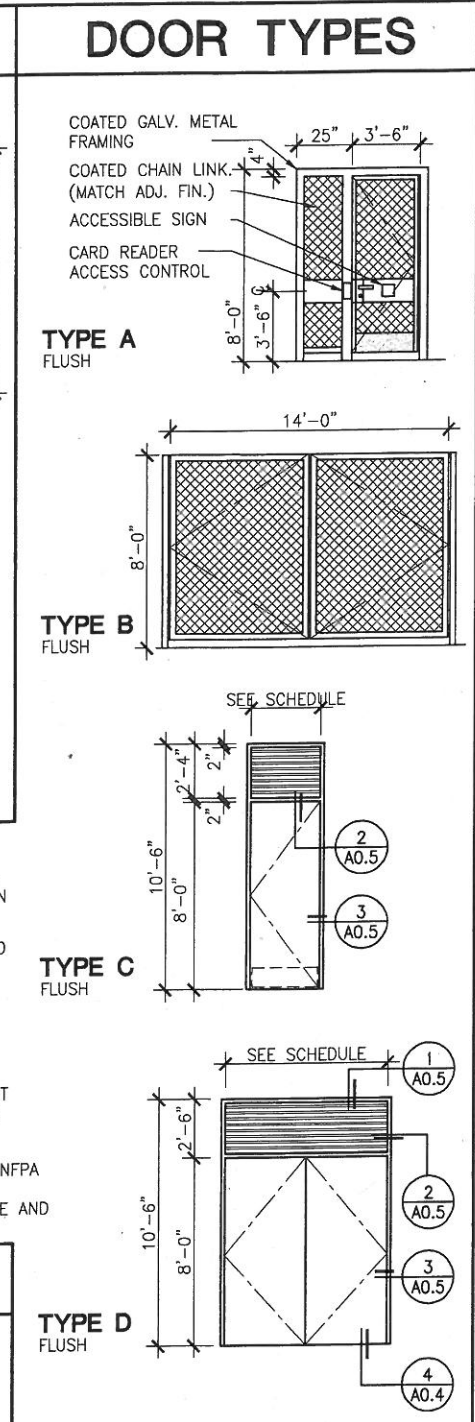
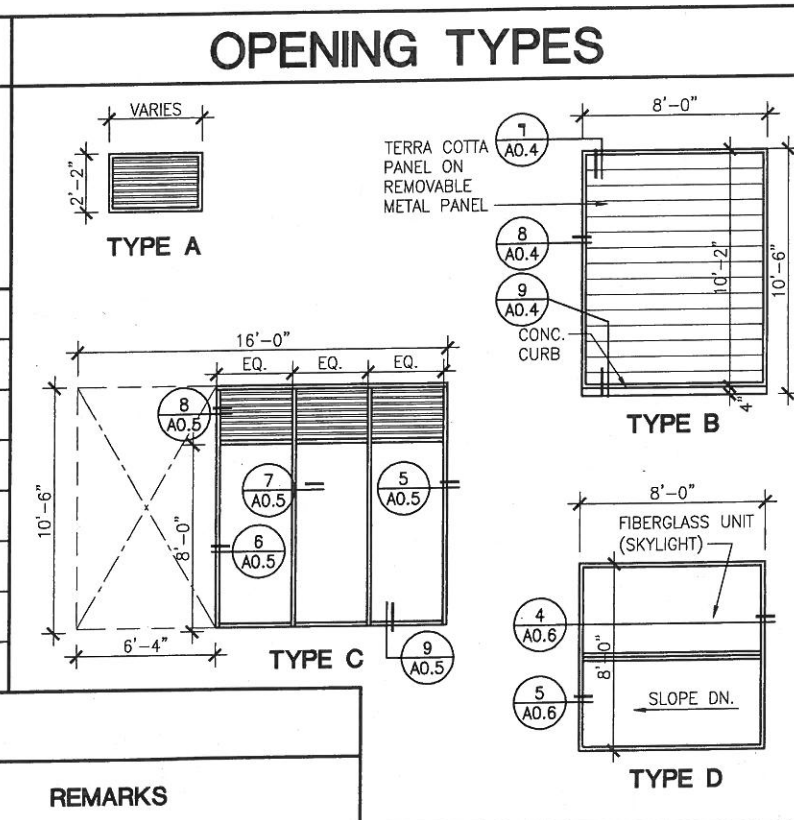
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REVISIONS				

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GATE BOOK PAGES
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OPENING SCHEDULE													
OPENING					FRAME						COMMENTS		
BUILDING	OPENING NO.	LOCATION	TYPE	E = EXT. I = INT.	WIDTH	HEIGHT	HEAD	JAMB	SILL	MATERIAL		FINISH	GLASS TYPE
PUMP BUILDING	1	PUMP ROOM	B	E	8'-0"	10'-2"	7/A-0.4	8/A-0.4	9/A-0.4	GHM		P-4	-
	2	FILTRATION ROOM	C	E	16'-0"	10'-6"	1/A-0.5	5/A-0.5	9/A-0.5	GHM	P-4	-	
	3	PUMP ROOM	A	E	8'-0"	2'-2"	1/A-0.4	2/A-0.4	1/A-0.4	GHM	P-4	-	
	4	CHEMICAL ROOM #1	A	E	6'-0"	2'-2"	1/A-0.5	2/A-0.5	1/A-0.5	GHM	P-4	-	
	5	CHEMICAL ROOM #3	A	E	4'-0"	2'-2"	1/A-0.4	2/A-0.4	1/A-0.4	GHM	P-4	-	
	6	CHEMICAL ROOM #2	A	E	6'-0"	2'-2"	1/A-0.5	2/A-0.5	1/A-0.5	GHM	P-4	-	
	7	FILTRATION ROOM	A	E	6'-0"	2'-2"	4/A-0.5	5/A-0.5	9/A-0.5	GHM	P-4	-	
	8	PUMP ROOM	D	E	8'-0"	8'-0"	-	-	-	-	-	-	



DOOR SCHEDULE

DOOR OPENING		DOOR						FRAME		DETAIL			REMARKS		
DOOR NO.	LOCATION	E = EXT. I = INT.	WIDTH & HEIGHT	THICKNESS	DOOR TYPE	DOOR CONSTRUCTION	DOOR FINISH	GLASS	FRAME CONSTRUCTION	FRAME FINISH	HEAD	JAMB	THRESHOLD	FFR RATING	HARDWARE GROUP
1	PEDESTRIAN GATE	E	3'-6" X 8'-0"	-	A	GHM	P-3	-	GHM	-	-	-	-	-	1
2	VEHICULAR PAIR GATE	E, PR	14'-0" X 8'-0"	-	B	GHM	P-3	-	GHM	-	-	-	-	-	2
3	101 PUMP ROOM	E, PR	8'-0" X 8'-0"	1 3/4"	D	GHM	P-4	-	GHM	-	1/A-0.4	3/A-0.4	4/A-0.4	-	3
4	102 CHEMICAL ROOM #1	E, PR	6'-0" X 8'-0"	1 3/4"	D	GHM	P-4	-	GHM	-	1/A-0.5	3/A-0.5	4/A-0.4	-	4
5	103 CHEMICAL ROOM #3	E, LHR	4'-0" X 8'-0"	1 3/4"	C	GHM	P-4	-	GHM	-	1/A-0.4	2/A-0.4	4/A-0.4	-	5
6	104 CHEMICAL ROOM #2	E, PR	6'-0" X 8'-0"	1 3/4"	D	GHM	P-4	-	GHM	-	1/A-0.5	3/A-0.5	4/A-0.4	-	4
7	105 FILTRATION ROOM	E, PR	6'-0" X 8'-0"	1 3/4"	D	GHM	P-4	-	GHM	-	1/A-0.5	3/A-0.5 SIM.	4/A-0.4	-	3

- #### DOOR NOTES
- DOORS AND FRAMES TO BE INSTALLED AT LOCATIONS AS SHOWN ON PARTITION PLAN.
 - ADJUST CLOSING FORCE OF CLOSER TO 5 LBF OR LESS AT EXTERIOR DOORS.
 - VERIFY ALL DOOR OPENINGS AND DIMENSIONS IN FIELD PRIOR TO FABRICATION OF DOORS, DOOR FRAMES AND LOUVERS.
 - NOTIFY PUC FOR A PRE-POUR CONDUIT INSPECTION FOR ALL ELECTRICAL DOOR HARDWARE INSTALLATION
 - PROVIDE WALL-MOUNTED GALV. METAL NFPA HAZARDOUS MATERIAL SIGN, PREMISES IDENTIFICATION AND KEY BOX PER CODE AND LOCAL FIRE MARSHALL AT ENTRY

ROOM FINISH SCHEDULE

ROOM	FLOOR	WALLS				CEILING		COMMENTS				
		CHEMICAL CONTAINMENT		NORTH	EAST	SOUTH	WEST		MATERIAL	FINISH		
LOCATION	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH
PUMP ROOM	CONC.	P-1	-	-	CONC.	-	CONC.	-	CONC.	-	CONC.	-
CHEMICAL ROOM #1	CONC.	-	CONC.	P-2	CONC.	-	CONC.	-	CONC.	-	CONC.	-
CHEMICAL ROOM #2	CONC.	-	CONC.	P-2	CONC.	-	CONC.	-	CONC.	-	CONC.	-
CHEMICAL ROOM #3	CONC.	-	CONC.	P-2	CONC.	-	CONC.	-	CONC.	-	CONC.	-
FILTRATION ROOM	CONC.	P-1	-	-	CONC.	-	CONC.	-	CONC.	-	CONC.	-

P-1 MANUFACTURER: TNEPEC COLOR: CLEAR. NUMBER: 201/211-213 OTHER: CLEAR (NON-SLIP) CONCRETE FLOOR	P-2 MANUFACTURER: TNEPEC COLOR: OFF-WHITE NUMBER: 406 ELASTO SHIELD OTHER: CHEMICAL CONTAINMENT (WALL & FLOOR)	P-3 MANUFACTURER: TNEPEC COLOR: BLACK NUMBER: 750-VUX OTHER: SEMI-GLOSS MATCH VINYL FENCING
P-4 MANUFACTURER: TNEPEC COLOR: MATCH ARCHITECT'S SAMPLE NUMBER: 750 VUX OTHER: SEMI-GLOSS MATCH METAL PANEL DOOR LOUVER & METAL FRAMES	P-5 MANUFACTURER: TNEPEC COLOR: OSHA YELLOW NUMBER: 02SF OTHER: SEMI-GLOSS METAL BOLLARDS SAFETY WARNING.	P-6 MANUFACTURER: DRYVIT COLOR: MATCH ARCHITECT'S SAMPLE NUMBER: 113 'AMARILLO WHITE' OTHER: MATTE STUCCO, SANDPEBBLE FINE

REFERENCES
GATE BOOK PAGES, PLANS, SURVEY NOTES, ETC. USED

GATE BOOK PAGES NO.

CITY AND COUNTY OF SAN FRANCISCO
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BUILDING DESIGN & CONSTRUCTION

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CITY ARCHITECT: C. LOPEZ

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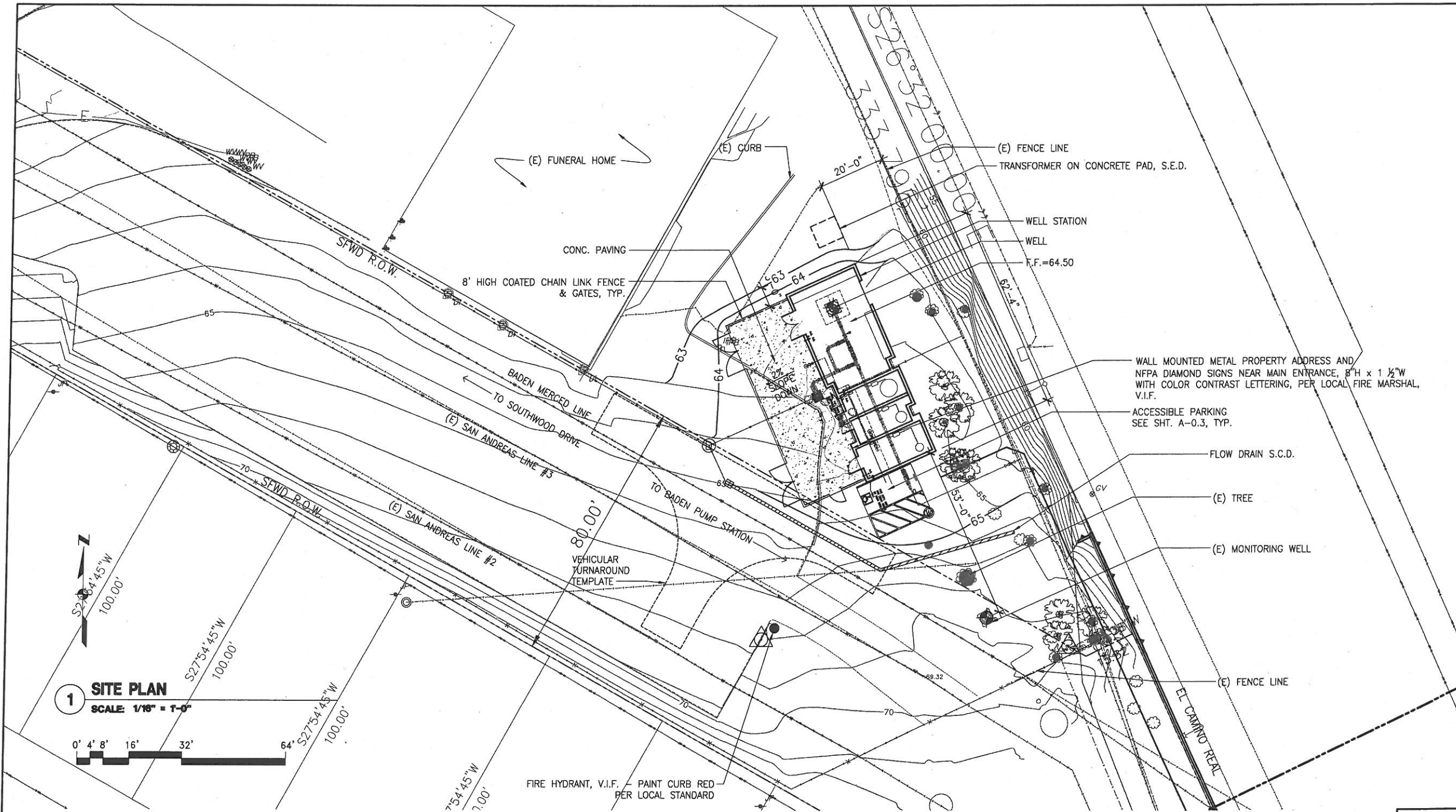
REGIONAL GROUNDWATER STORAGE AND RECOVERY
SSF MAIN AREA, SSF LOCATION CUP-31
OPENING/DOOR/RM FINISH SCHEDULE

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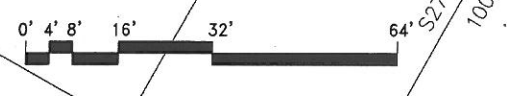
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MANAGER, CITY DISTRIBUTION DIVISION: [Signature]

SHEET: A-11.5
DRAWING NO.: E-XXXX
REVISION NO.: [Blank]

PLOT: EXTEND
SCALE: 1:1
BORDER:
22.34
COLOR: No.
RED
YELLOW
GREEN
CYAN
BLUE
MAGENTA
WHITE
GRAY
9
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100
210



1 SITE PLAN
SCALE: 1/16" = 1'-0"



LEGEND:

ACCESSIBLE PATH OF TRAVEL
 MAINTAIN 48" WIDE (MIN.) X 80" HIGH (MIN.) CLEAR ALONG PATH. 1.8% MAX. CROSS SLOPE & 4.7% MAX. RUNNING SLOPE

GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY LOCATION OF ALL (E) UTILITY LINES BEFORE COMMENCEMENT OF WORK.
2. CONTRACTOR SHALL EXCAVATE, TRENCH / SHORE AND BACKFILL ALL (N) UTILITY INSTALLATIONS.
3. REFER TO STRUCTURAL & LANDSCAPE PLANS FOR SPOT ELEVATION DETAILS
4. SEE LANDSCAPE DRAWINGS FOR SITE & DEMOLITION WORK
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 ENGINEERING MANAGEMENT BUREAU

REGIONAL GROUNDWATER STORAGE AND RECOVERY
FUNERAL HOME, SSF
 LOCATION CUP-36-1
 SITE PLAN

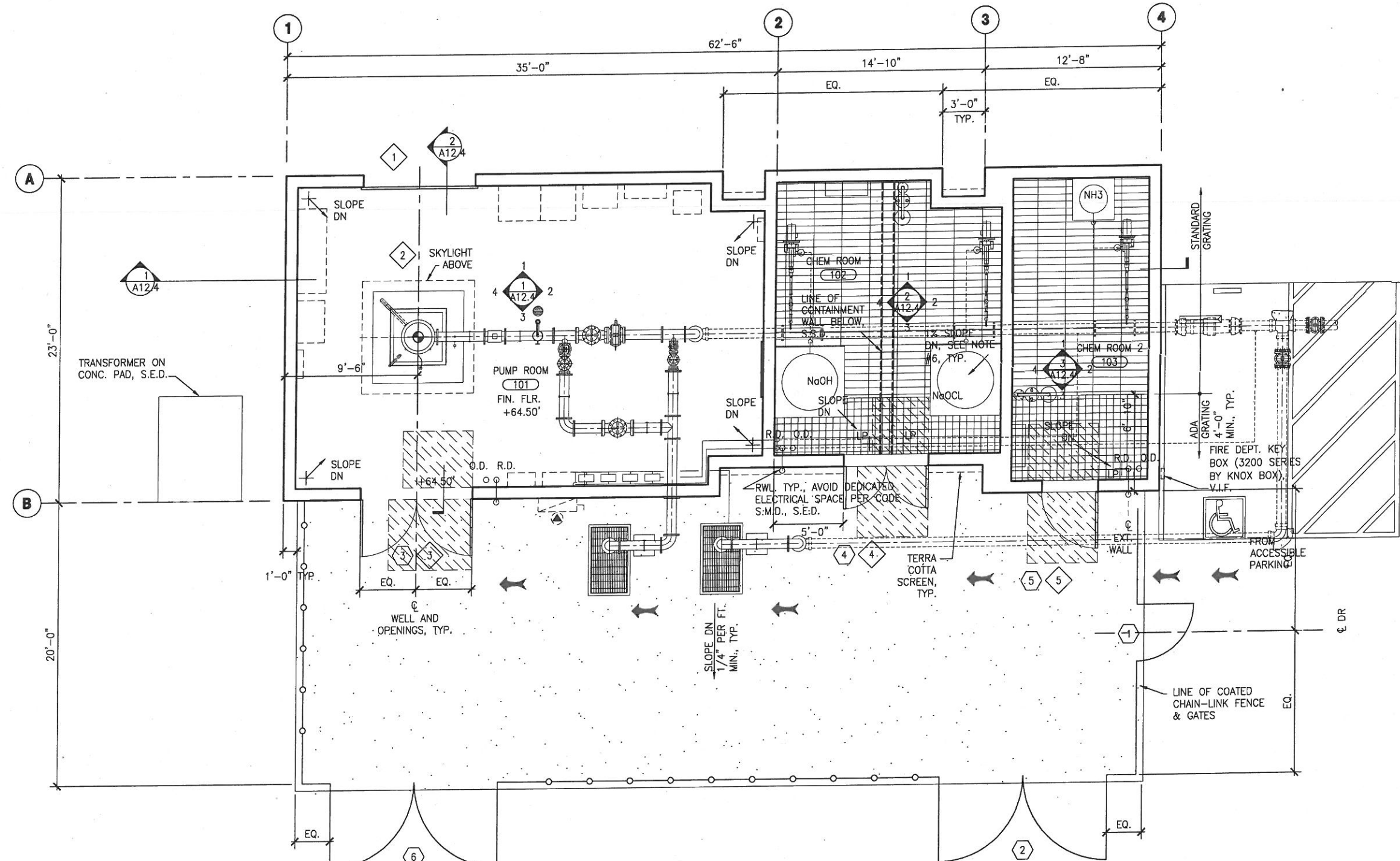
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SECTION MANAGER	DESIGNED	DATE
APPROVED	APPROVED	AUG 2014
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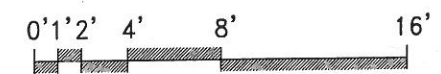
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PLOT: EXTEND
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 BORDER: 22,34
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1 FLOOR PLAN
SCALE: 1/4" = 1'-0"



LEGEND:

- ACCESSIBLE PATH OF TRAVEL MAINTAIN 48" WIDE (MIN.) X 80" HIGH (MIN.) CLEAR ALONG PATH. 1.8% MAX. CROSS SLOPE & 4.7% MAX. RUNNING SLOPE
- CLEAR & LEVEL PLATFORM CLEAR AND LEVEL PLATFORM AT DOOR. 1.8% MAX CROSS SLOPE IN EACH DIRECTION - DRAIN AWAY FROM DOOR

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6. CHEMICAL CONTAINMENT (BELOW GRATING) - 1% SLOPE DOWN TO LOWPOINT "LP"

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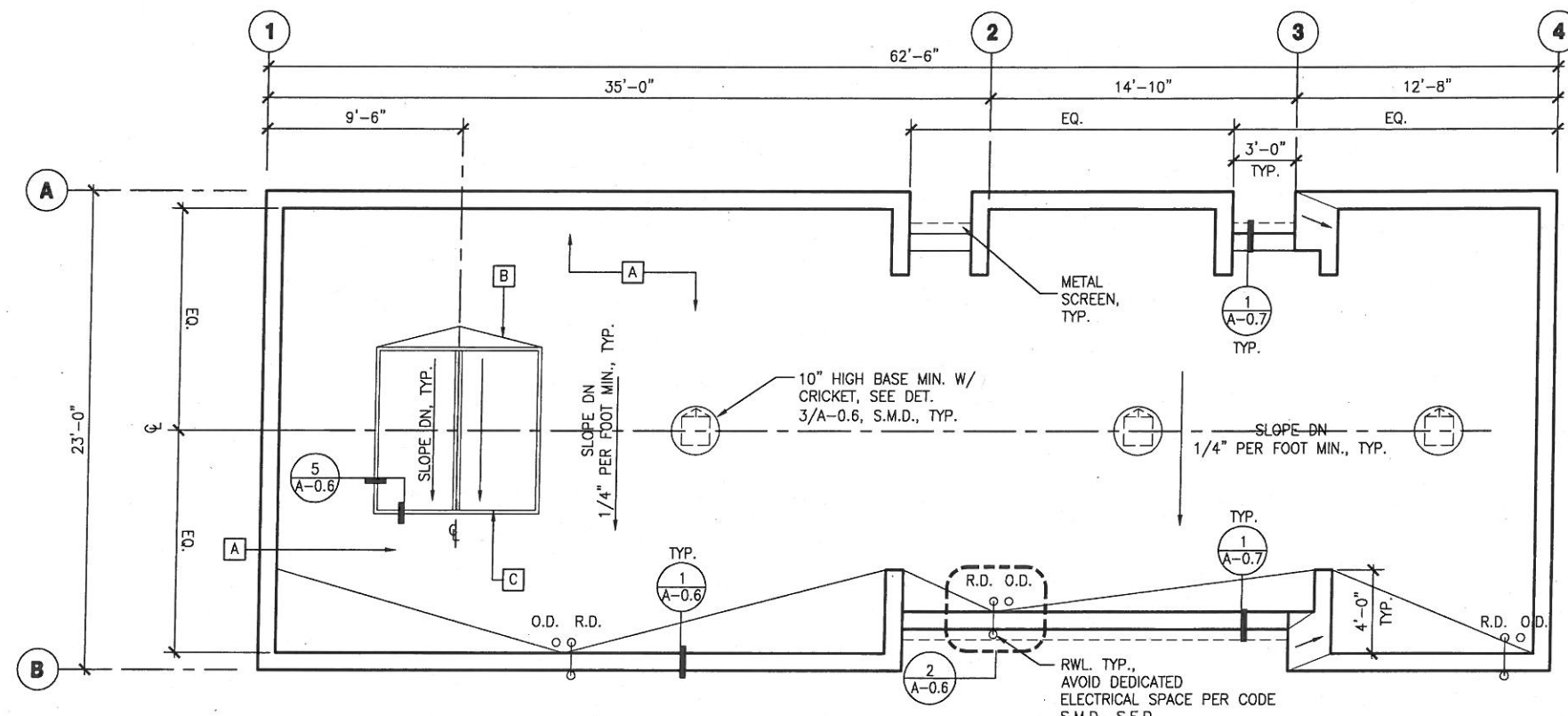
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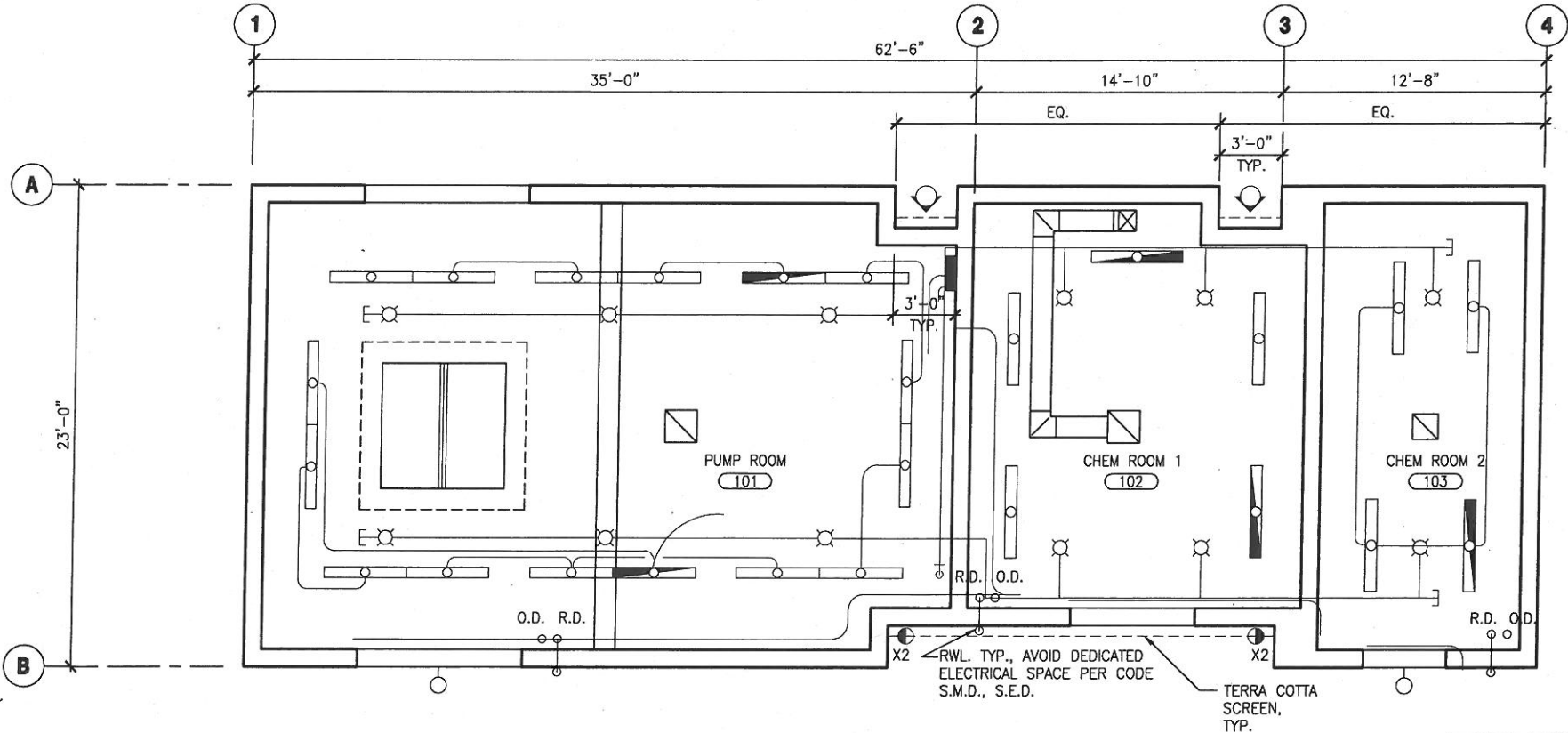
REGIONAL GROUNDWATER
STORAGE AND RECOVERY
FUNERAL HOME, CUP-36-1
SOUTH SAN FRANCISCO
FLOOR PLAN

CHECKED / APPROVED	DRAWN	SCALE
SECTION MANAGER	DESIGNED	DATE
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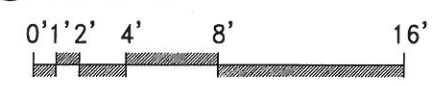
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BORDER:
22,34
COLOR: No.
RED
YELLOW
GREEN
CYAN
BLUE
MAGENTA
WHITE
GRAY
9
10
100
210



1 ROOF PLAN
SCALE: 1/4" = 1'-0"



2 REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



SHEET NOTES:

- A 4-PLY SBS ROOFING SYSTEM AND TAPERED INSULATION OVER ROOF DECK
- B CRICKET, TYP.
- C 8'x8' REMOVABLE MODULAR SKYLIGHT BEYOND SHOWN DASHED, AND REMOVABLE SECURITY GRILL BELOW, CENTERED ABOVE WELL, TYP. SEE SHT. A-0.6

LEGEND:

- TANKS, CONCRETE CURBS, AND EQUIPMENT BELOW SHOWN DASHED, TYP.
- [] CEILING MOUNTED LIGHT FIXTURE, S.E.D., TYP.
- WALL MOUNTED LIGHT FIXTURE, S.E.D., TYP.
- ◊ IN-GROUND FLOOD LIGHT, TYP.
- ◐ WALL MOUNTED RECESSED LIGHT, TYP.
- R.D. O.D. ○ ○ ROOF DRAIN AND OVERFLOW DRAIN, TYP.
- [/] MECHANICAL EXHAUST, S.M.D., TYP.
- ⊗ FIRE SPRINKLER HEAD AND PIPING, S.M.D., TYP.

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CONTRACT NO. WD-2668

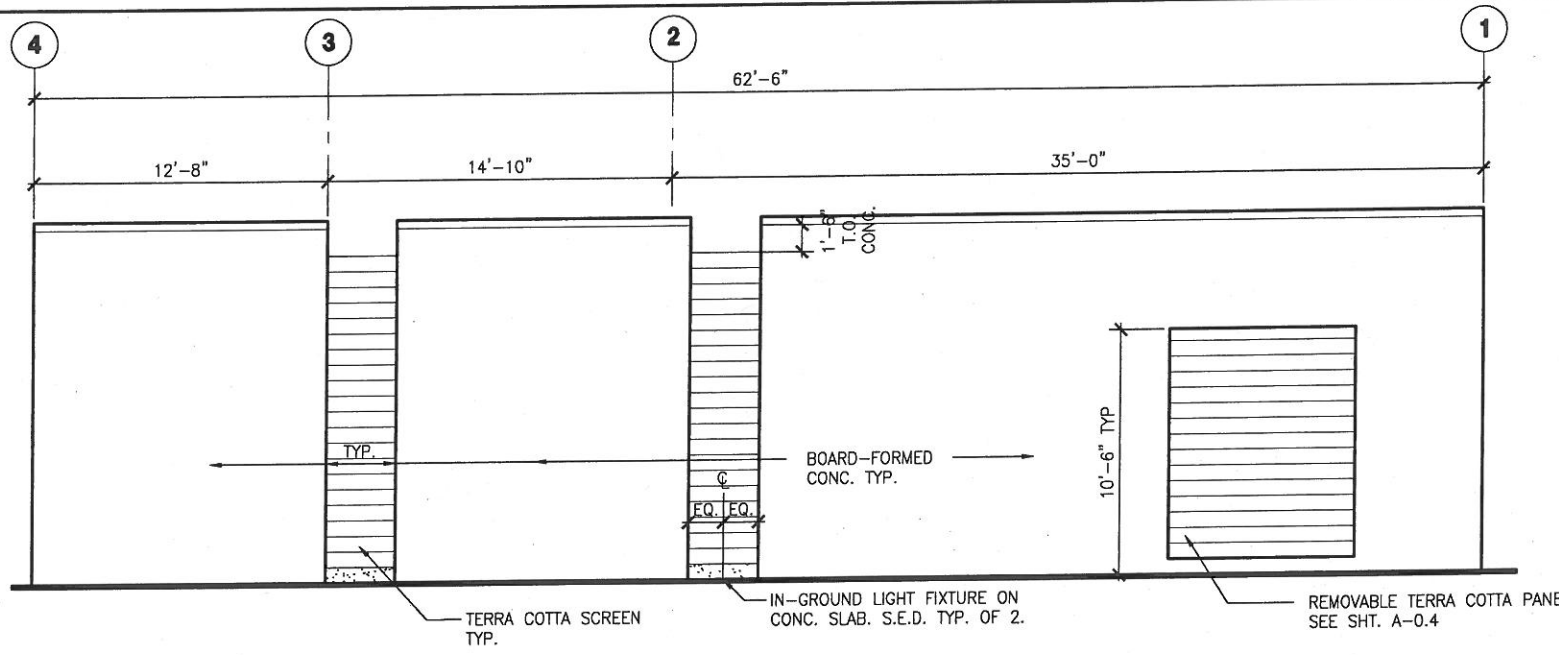
CITY AND COUNTY OF SAN FRANCISCO PUBLIC UTILITIES COMMISSION INFRASTRUCTURE DIVISION ENGINEERING MANAGEMENT BUREAU		REGIONAL GROUNDWATER STORAGE AND RECOVERY	
FUNERAL HOME, SSF LOCATION CUP-36-1		ROOF AND REFLECTED CEILING PLANS	
CHECKED / APPROVED	DRAWN	SCALE AS SHOWN	
SECTION MANAGER	DESIGNED	DATE AUG 2014	
APPROVED	APPROVED		
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION	PLANNING NO.	REVISION NO.
		A-12.2	E-XXXX

CITY AND COUNTY OF SAN FRANCISCO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION			
SECTION MANAGER P. WONG	DRAWN M. JOE/I. CEJA		
DEPUTY SECTION MANAGER J. LAUE	DESIGNED E. SHUM/M. PIERRON		
CITY ARCHITECT E. LOPEZ	CHECKED E. SHUM/M. PIERRON		
NO.	DATE	DESCRIPTION	BY / APP'D
REVISIONS			

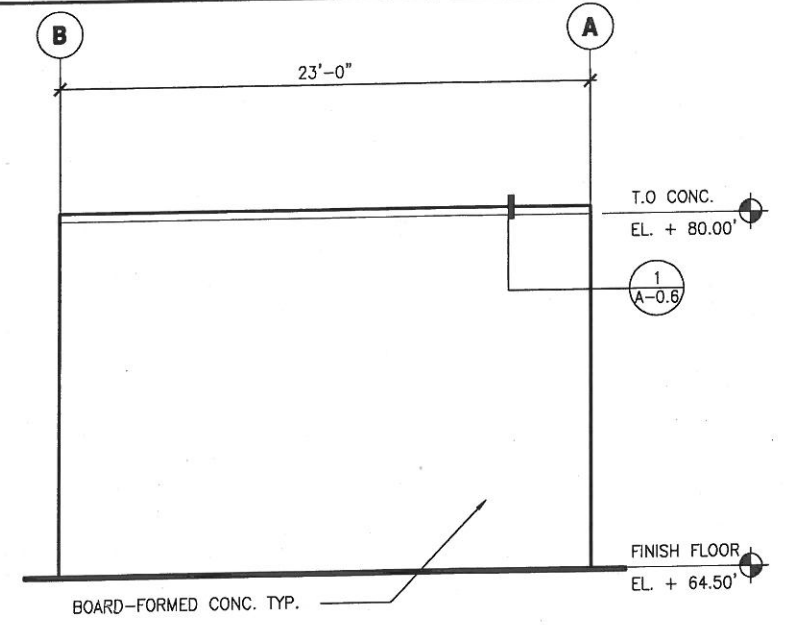
REFERENCES
GATE BOOK PAGES, PLANS,
SURVEY NOTES, ETC. USED

GATE BOOK PAGES
NO.

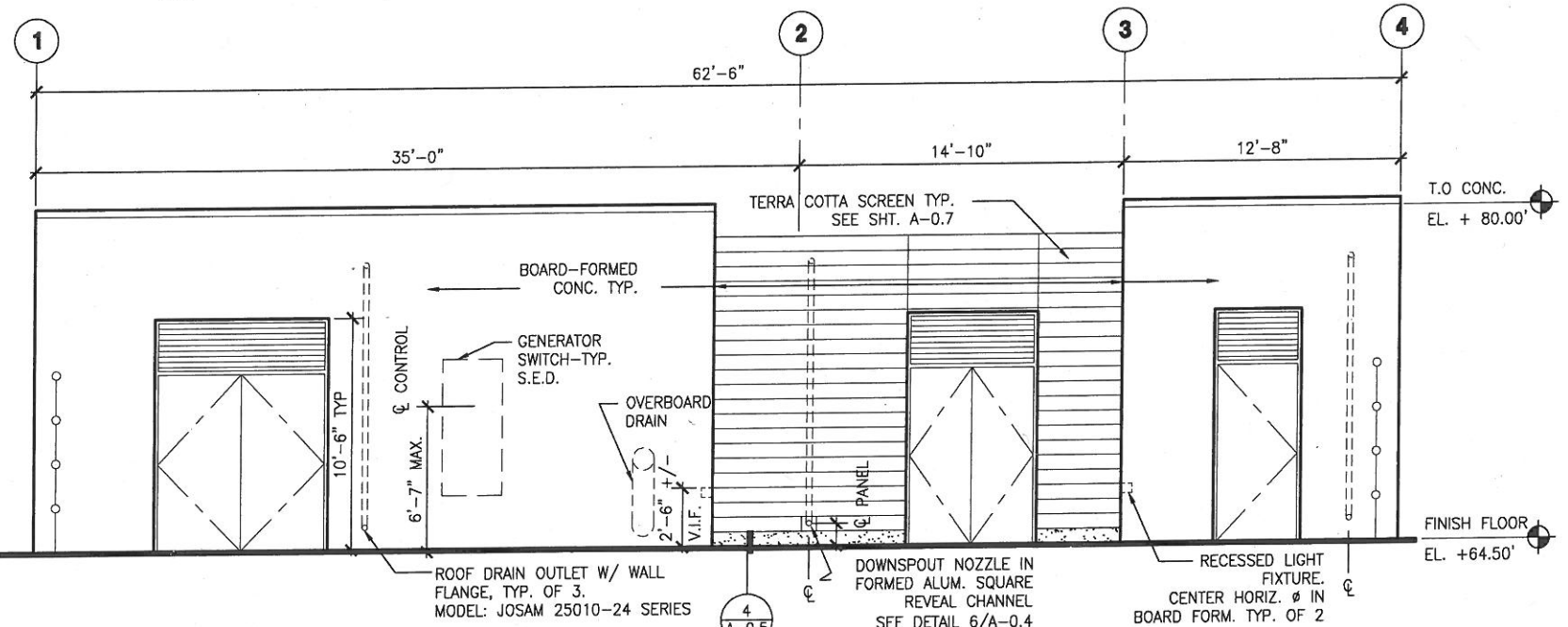
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CYAN
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MAGENTA
WHITE
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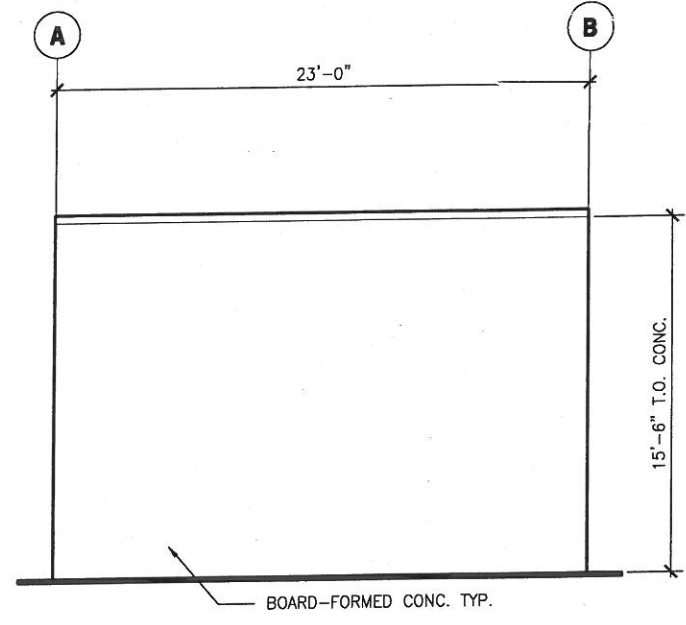
1 NORTH ELEVATION
SCALE: 1/4" = 1'-0"



2 EAST ELEVATION
SCALE: 1/4" = 1'-0"



3 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



4 WEST ELEVATION
SCALE: 1/4" = 1'-0"



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CITY AND COUNTY OF SAN FRANCISCO
PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU

REGIONAL GROUNDWATER STORAGE AND RECOVERY
FUNERAL HOME, SSF
LOCATION CUP-36-1
ELEVATIONS

CHECKED / APPROVED	DATE	SCALE
SECTION MANAGER	DESIGNED	AS SHOWN
APPROVED	DATE	AUG 2014
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION	
SHEET	PLAN NO.	REVISION NO.
	A-12.3	E-XXXX

REFERENCES
GATE BOOK PAGES, PLANS, SURVEY NOTES, ETC. USED
GATE BOOK PAGES NO.

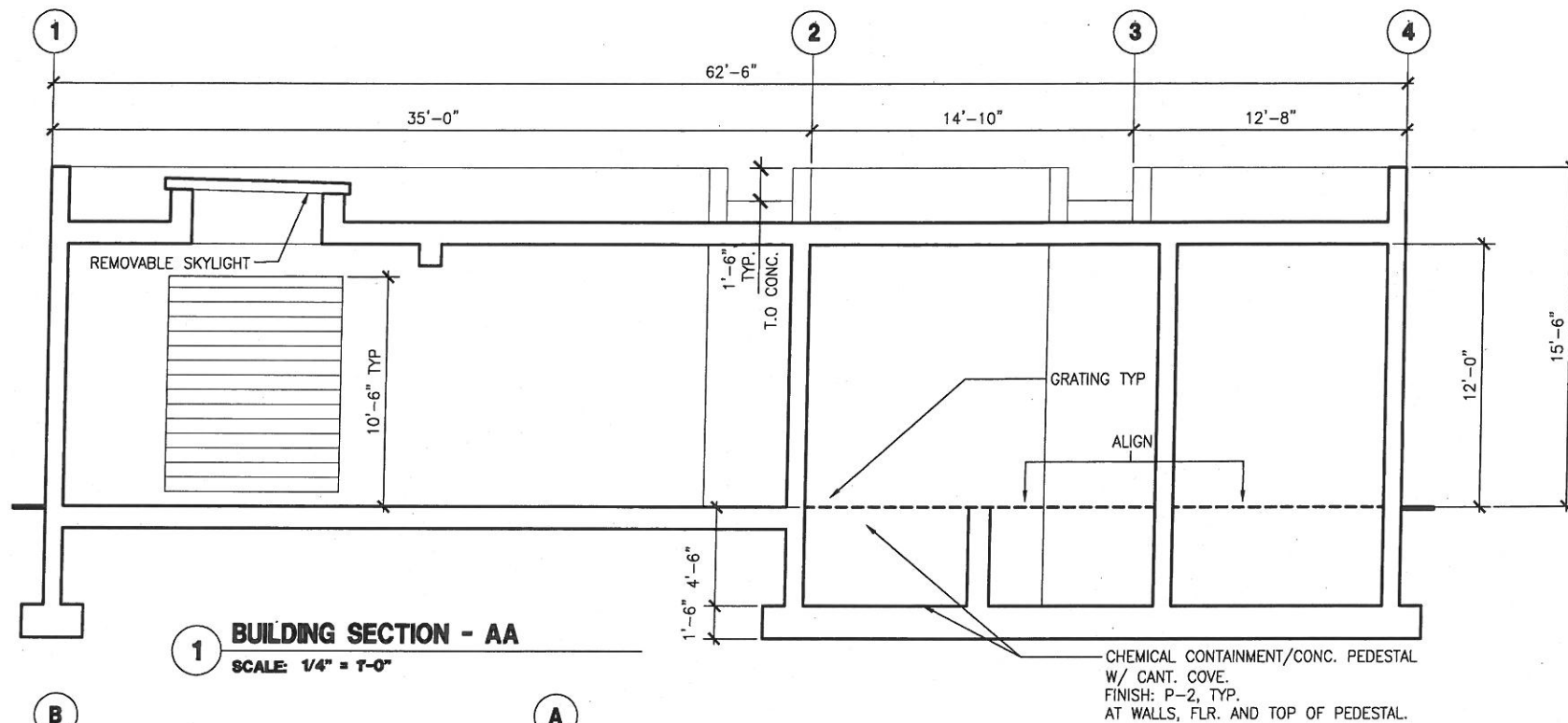


CITY AND COUNTY OF SAN FRANCISCO
DEPARTMENT OF PUBLIC WORKS
BUILDING DESIGN & CONSTRUCTION

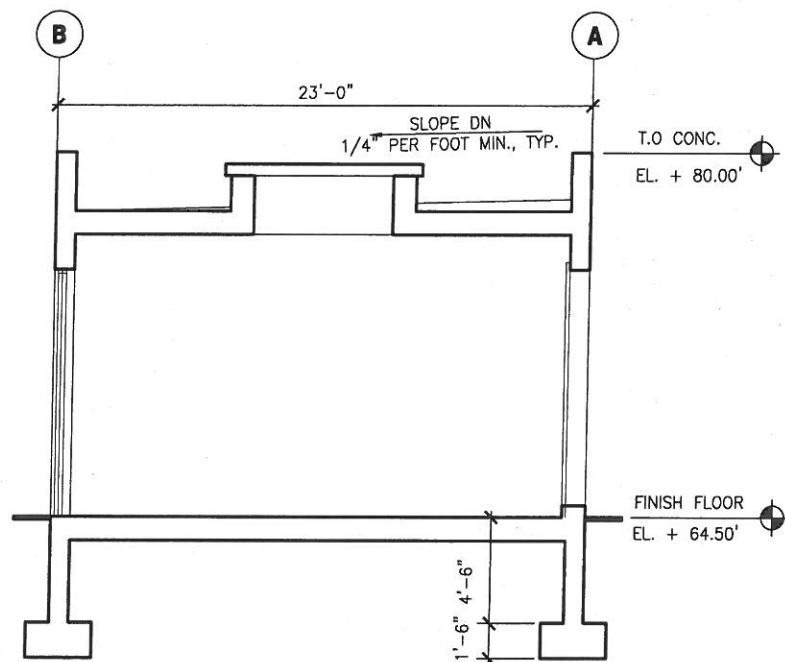
SECTION MANAGER P. WONG	DRAWN M. JOE/I. CEJA
DEPUTY BUREAU MANAGER J. LAUE	DESIGNED E. SHUM/M. PIERRON
CITY ARCHITECT E. LOPEZ	CHECKED E. SHUM/M. PIERRON

NO.	DATE	DESCRIPTION	BY	APPR'D
REVISIONS				

PLOT: EXTEND
SCALE: 1:1
BORDER:
22.34
COLOR: No.
RED
YELLOW
GREEN
CYAN
BLUE
MAGENTA
WHITE
GRAY
9
10
100
210



1 BUILDING SECTION - AA
SCALE: 1/4" = 1'-0"



2 BUILDING SECTION - BB
SCALE: 1/4" = 1'-0"

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CONTRACT NO. WD-2668

CITY AND COUNTY OF SAN FRANCISCO
PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU

REGIONAL GROUNDWATER
STORAGE AND RECOVERY
FUNERAL HOME, SSF
LOCATION CUP-36-1 BUILDING
BUILDING SECTIONS

CITY AND COUNTY OF SAN FRANCISCO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION			
SECTION MANAGER P. WONG	DRAWN M. JOE/L. CEJA	CHECKED / APPROVED	DRAWN
PROPERTY MANAGER J. LAUE	DESIGNED E. SHUM/M. PIERRON	SECTION MANAGER	DESIGNED
CITY ARCHITECT E. LOPEZ	CHECKED E. SHUM/M. PIERRON	APPROVED	APPROVED
NO.	DATE	DESCRIPTION	BY
REVISIONS			

MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION
PLAN NO. A-12.4	DRAWING NO. E-XXXX
SHEET	REVISION NO.

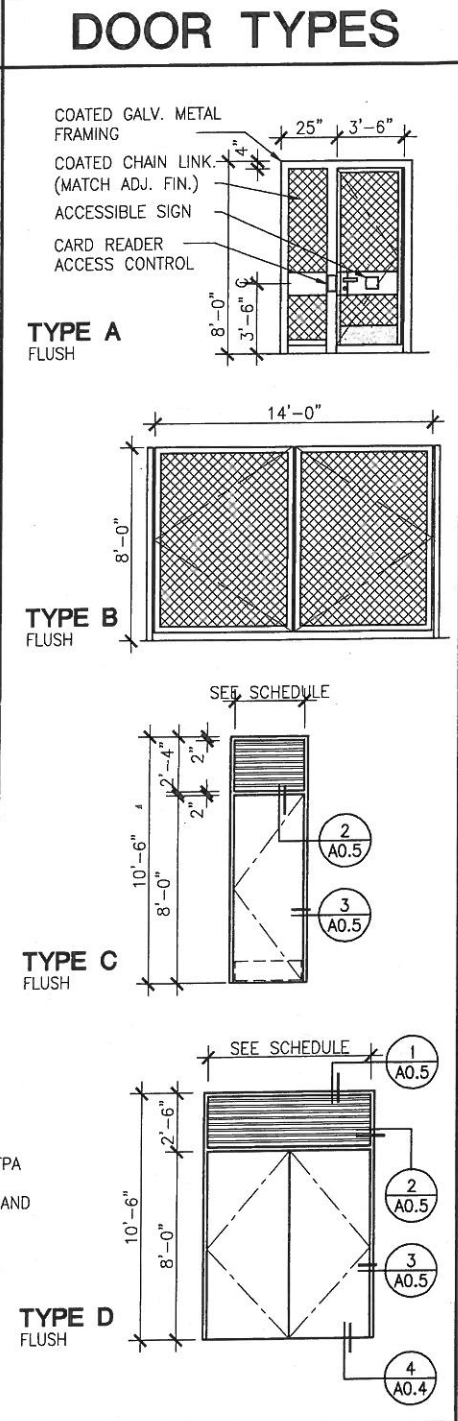
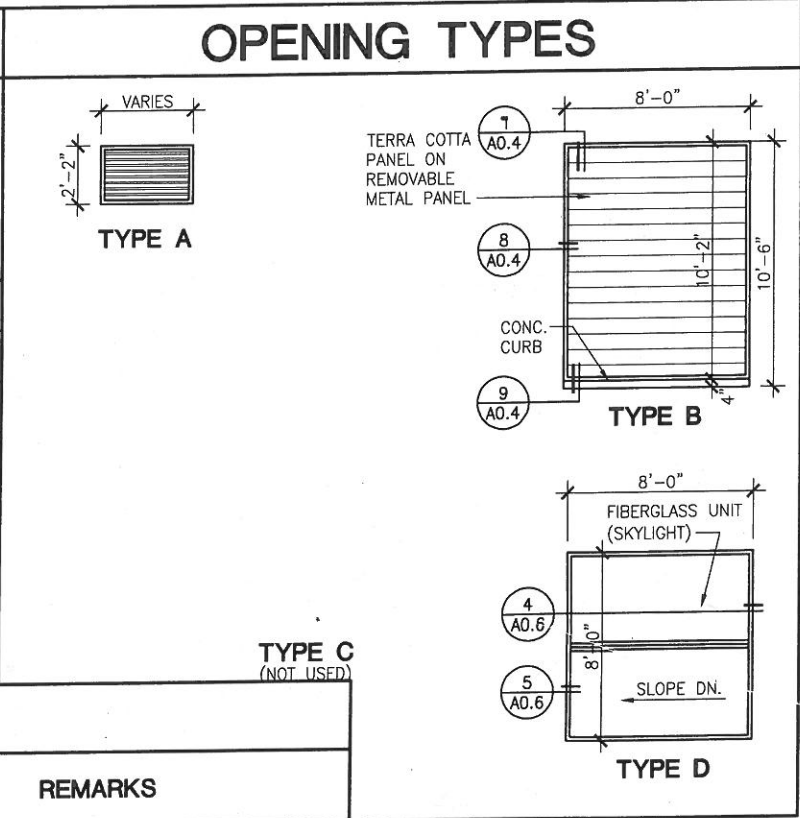
REFERENCES
GATE BOOK PAGES, PLANS,
SURVEY NOTES, ETC. USED
GATE BOOK PAGES
NO.



PLOT: EXTEND
SCALE: 1:1
BORDER:
22,34
COLOR: No.
RED
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BLUE
MAGENTA
WHITE
GRAY
9
10
100
210

OPENING SCHEDULE

BUILDING	OPENING NO.	OPENING			FRAME				GLASS			COMMENTS	
		LOCATION	TYPE		WIDTH	HEIGHT	HEAD	JAMB	SILL	MATERIAL	FINISH		GLASS TYPE
PUMP BUILDING	1	PUMP ROOM	B	E	8'-0"	10'-2"	7/A-0.4	8/A-0.4	9/A-0.4	GHM	P-4	-	REMOVABLE TERRA COTTA PANEL W/ SECURITY GRILL. SEE A-0.4
	2	PUMP ROOM	D	E	8'-0"	8'-0"	-	-	-	-	-	-	REMOVABLE FIBERGLASS SKYLIGHT AND GALV. METAL SECURITY GRILL BELOW
	3	PUMP ROOM	A	E	8'-0"	2'-2"	1/A-0.4	2/A-0.4	1/A-0.4	GHM	P-4	-	
	4	CHEMICAL ROOM #1	A	E	6'-0"	2'-2"	1/A-0.5	2/A-0.5	1/A-0.5	GHM	P-4	-	
	5	CHEMICAL ROOM #2	A	E	4'-0"	2'-2"	1/A-0.4	2/A-0.4	1/A-0.4	GHM	P-4	-	



DOOR SCHEDULE

DOOR NO.	LOCATION	DOOR OPENING	DOOR					FRAME		DETAIL			REMARKS			
			E = EXT. I = INT.	WIDTH & HEIGHT	THICKNESS	DOOR TYPE	DOOR CONSTRUCTION	DOOR FINISH	GLASS	FRAME CONSTRUCTION	FRAME FINISH	HEAD		JAMB	THRESHOLD	FIRE RATING
1	PEDESTRIAN GATE		E	3'-6" X 8'-0"	-	A	GHM	P-3	-	GHM	-	-	-	-	1	ADA SIGN
2	VEHICULAR PAIR GATE		E, PR	14'-0" X 8'-0"	-	B	GHM	P-3	-	GHM	-	-	-	-	2	
3	101 PUMP ROOM		E, PR	8'-0" X 8'-0"	1 3/4"	D	GHM	P-1	-	GHM	-	1/A-0.4	3/A-0.4	4/A-0.4	3	NFPA HAZ. MAT. DIAMOND SIGN
4	102 CHEMICAL ROOM #1		E, PR	6'-0" X 8'-0"	1 3/4"	D	GHM	P-1	-	GHM	-	1/A-0.5	2/A-0.5	4/A-0.4	4	NFPA HAZ. MAT. DIAMOND SIGN
5	103 CHEMICAL ROOM #2		E, LHR	4'-0" X 8'-0"	1 3/4"	C	GHM	P-1	-	GHM	-	1/A-0.4	1/A-0.4	4/A-0.4	4	NFPA HAZ. MAT. DIAMOND SIGN
6	VEHICULAR PAIR GATE		E, PR	14'-0" X 8'-0"	-	B	GHM	P-3	-	GHM	-	-	-	-	2	CENTERED TO WELL

DOOR NOTES

- DOORS AND FRAMES TO BE INSTALLED AT LOCATIONS AS SHOWN ON PARTITION PLAN.
- ADJUST CLOSING FORCE OF CLOSER TO 5 LBF OR LESS AT EXTERIOR DOORS.
- VERIFY ALL DOOR OPENINGS AND DIMENSIONS IN FIELD PRIOR TO FABRICATION OF DOORS, DOOR FRAMES AND LOUVERS.
- NOTIFY PUC FOR A PRE-POUR CONDUIT INSPECTION FOR ALL ELECTRICAL DOOR HARDWARE INSTALLATION
- PROVIDE WALL-MOUNTED GALV. METAL NFPA HAZARDOUS MATERIAL SIGN, PREMISES IDENTIFICATION AND KEY BOX PER CODE AND LOCAL FIRE MARSHALL AT ENTRY

ROOM FINISH SCHEDULE

ROOM	FLOOR	WALLS								CEILING		COMMENTS			
		CHEMICAL CONTAINMENT		NORTH		EAST		SOUTH		WEST			MATERIAL	FINISH	
LOCATION	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH			
PUMP ROOM	CONC.	P-1	-	-	CONC.	-	CONC.	-	CONC.	-	CONC.	-	CONC.	-	CONC. COATING REQ. FOR ALL CONC. SURFACES WITHIN CONTAINMENT & TOP/SIDE OF PEDESTAL. TYP.
CHEMICAL ROOM #1	CONC.	-	CONC.	P-2	CONC.	-	CONC.	-	CONC.	-	CONC.	-	CONC.	-	SAME AS ABOVE
CHEMICAL ROOM #2	CONC.	-	CONC.	P-2	CONC.	-	CONC.	-	CONC.	-	CONC.	-	CONC.	-	SAME AS ABOVE

P-1 MANUFACTURER: TNEMEC
COLOR: CLEAR.
NUMBER: 201/211-213
OTHER: CLEAR (NON-SLIP) CONCRETE FLOOR

P-2 MANUFACTURER: TNEMEC
COLOR: OFF-WHITE
NUMBER: 406 ELASTO SHIELD
OTHER: CHEMICAL CONTAINMENT (WALL & FLOOR)

P-3 MANUFACTURER: TNEMEC
COLOR: BLACK
NUMBER: 750-VUX
OTHER: SEMI-GLOSS MATCH VINYL FENCING

P-4 MANUFACTURER: TNEMEC
COLOR: MATCH ARCHITECT'S SAMPLE
NUMBER: 750 VUX
OTHER: SEMI-GLOSS MATCH METAL PANEL DOOR LOUVER & METAL FRAMES

P-5 MANUFACTURER: TNEMEC
COLOR: OSHA YELLOW
NUMBER: 025F
OTHER: SEMI-GLOSS METAL BOLLARDS SAFETY WARNING.

P-6 MANUFACTURER: DRYVIT
COLOR: MATCH ARCHITECT'S SAMPLE
NUMBER: 113 'AMARILLO WHITE'
OTHER: MATTE STUCCO, SANDPEBBLE FINE

REFERENCES
GATE BOOK PAGES, PLANS, SURVEY NOTES, ETC. USED

GATE BOOK PAGES NO.

CITY AND COUNTY OF SAN FRANCISCO
DEPARTMENT OF PUBLIC WORKS
BUILDING DESIGN & CONSTRUCTION

SECTION MANAGER P. WONG	DRAWN M. JOE/I. CEJA
DEPUTY BUREAU MANAGER J. LAUE	DESIGNED E. SHUM/M. PIERRON
CITY ARCHITECT E. LOPEZ	CHECKED E. SHUM/M. PIERRON

NO. DATE DESCRIPTION BY APPROVED

REVISIONS

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PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU

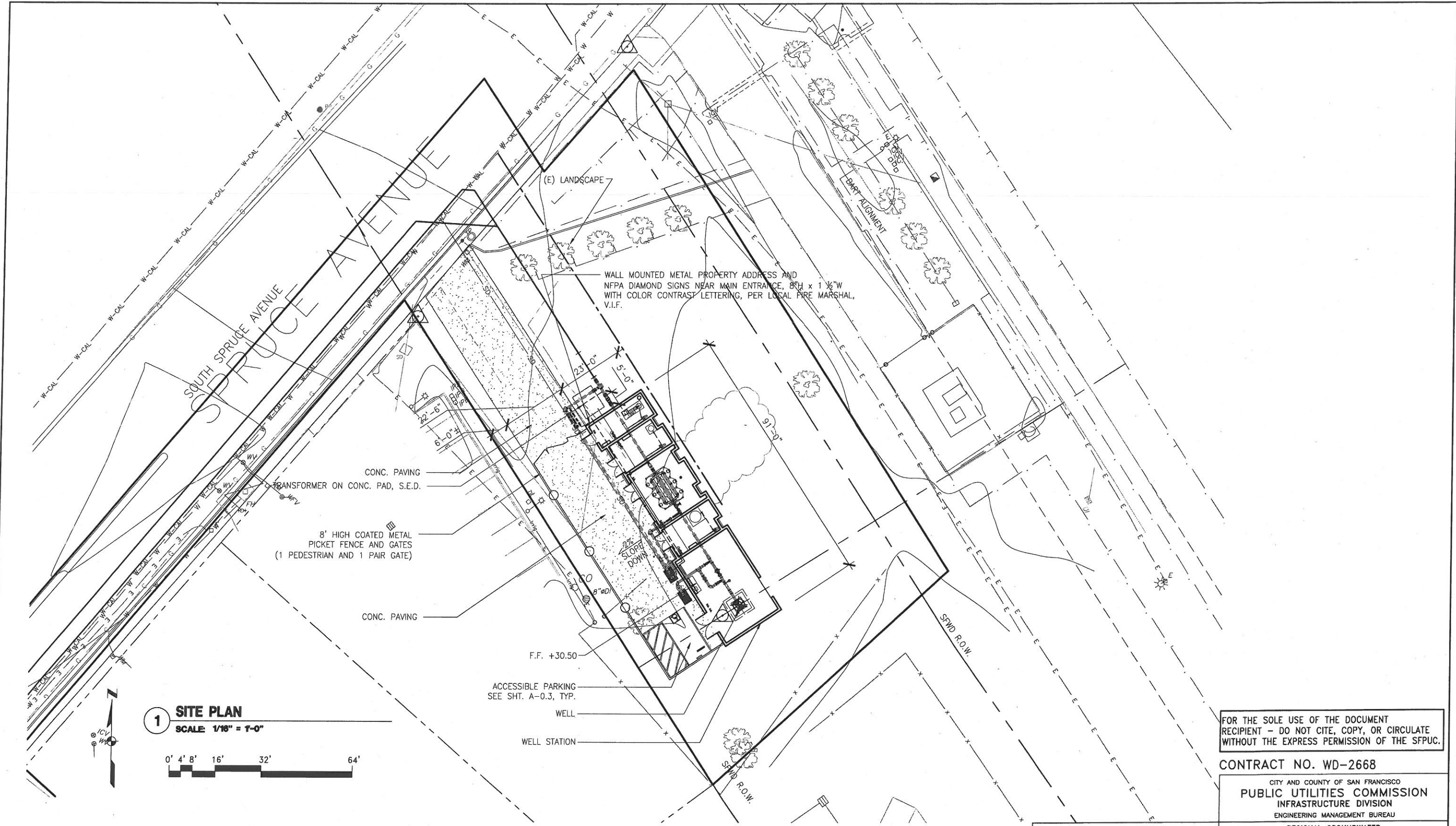
REGIONAL GROUNDWATER STORAGE AND RECOVERY

FUNERAL HOME, SSF
LOCATION CUP-36-1

OPENING/DOOR/RM FINISH SCHEDULES

CHECKED / APPROVED	DRAWN	SCALE AS SHOWN
SECTION MANAGER	DESIGNED	DATE AUG 2014
APPROVED	APPROVED	
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION	
SHEET	PLAN NO. A-12.5	DRAWING NO. E-XXXX
		REVISION NO.

PLOT: EXTEND
SCALE: 1:1
BORDER:
22,34
COLOR: No.
RED
YELLOW
GREEN
CYAN
BLUE
MAGENTA
WHITE
GRAY
9
10
100
210



1 SITE PLAN
SCALE: 1/16" = 1'-0"

- GENERAL NOTES:**
1. CONTRACTOR SHALL VERIFY LOCATION FOR ALL (E) UTILITY LINES. CONTRACTOR SHALL EXCAVATE, TRENCH / SHORE AND BACKFILL ALL (N) UTILITY INSTALLATIONS.
 2. REFER TO STRUCTURAL & LANDSCAPE PLANS FOR SPOT ELEVATION DETAILS
 3. SEE LANDSCAPE DRAWINGS FOR SITE & DEMOLITION WORK

WALL MOUNTED METAL PROPERTY ADDRESS AND NFPA DIAMOND SIGNS NEAR MAIN ENTRANCE, 8"H x 1 1/2"W WITH COLOR CONTRAST LETTERING, PER LOCAL FIRE MARSHAL, V.I.F.

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 CITY AND COUNTY OF SAN FRANCISCO
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CITY AND COUNTY OF SAN FRANCISCO
DEPARTMENT OF PUBLIC WORKS
 BUILDING DESIGN & CONSTRUCTION

REGIONAL GROUNDWATER
 STORAGE AND RECOVERY
**SSF LINEAR PARK, SSF
 LOCATION CUP-41-4**
SITE PLAN

SECTION MANAGER P. WONG	DRAWN M. JOE/I. CEJA	CHECKED / APPROVED	DRAWN	SCALE AS SHOWN
DEPUTY SECTION MANAGER J. LAUE	DESIGNED E. SHUM/M. PIERRON	SECTION MANAGER	DESIGNED	DATE AUG 2014
CITY ARCHITECT E. LOPEZ	CHECKED E. SHUM/M. PIERRON	APPROVED	APPROVED	
MANAGER, ENGINEERING MANAGEMENT BUREAU		MANAGER, CITY DISTRIBUTION DIVISION		
SHEET	PLAN NO. A-13.0	DRAWING NO. E-XXXX	REVISION NO.	

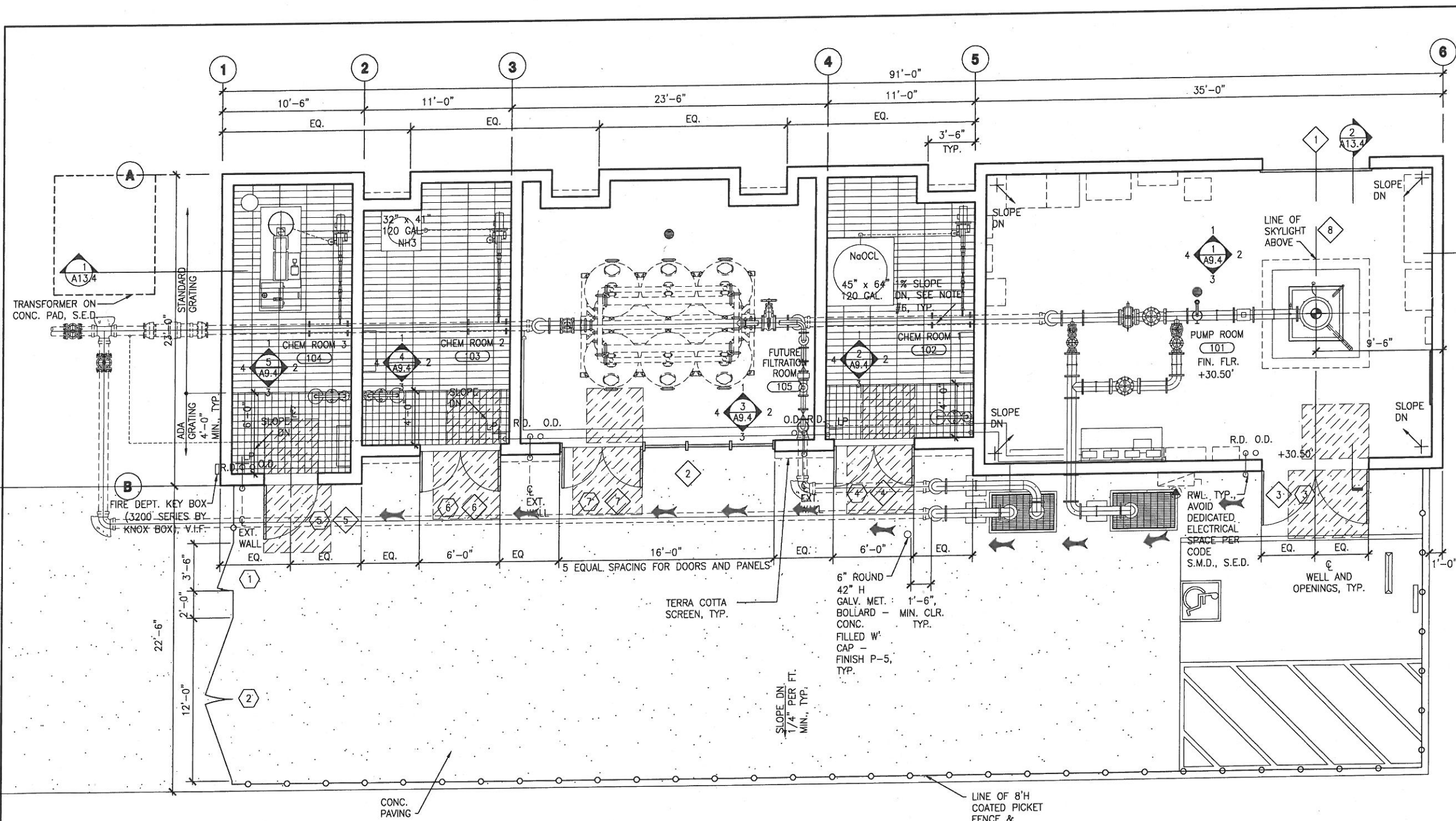
REFERENCES
 GATE BOOK PAGES, PLANS,
 SURVEY NOTES, ETC. USED

GATE BOOK PAGES
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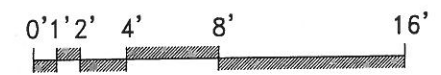


NO.	DATE	DESCRIPTION	BY	APP'D
REVISIONS				

PLOT: EXTEND
 SCALE: 1:1
 BORDER:
 22,34
 COLOR: No.
 RED
 YELLOW
 GREEN
 CYAN
 BLUE
 MAGENTA
 WHITE
 GRAY
 9
 10
 100
 210



1 FLOOR PLAN
SCALE: 1/4" = 1'-0"



LEGEND:

- ACCESSIBLE PATH OF TRAVEL MAINTAIN 48" WIDE (MIN.) X 80" HIGH (MIN.) CLEAR ALONG PATH. 1.8% MAX. CROSS SLOPE & 4.7% MAX. RUNNING SLOPE
- CLEAR & LEVEL PLATFORM CLEAR AND LEVEL PLATFORM AT DOOR. 1.8% MAX CROSS SLOPE IN EACH DIRECTION - DRAIN AWAY FROM DOOR

GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY LOCATION FOR ALL (E) UTILITY LINES. CONTRACTOR SHALL EXCAVATE, TRENCH / SHORE AND BACKFILL ALL (N) UTILITY INSTALLATIONS.
2. REFER TO STRUCTURAL & LANDSCAPE PLANS FOR SPOT ELEVATION DETAILS
3. SEE LANDSCAPE DRAWINGS FOR SITE & DEMOLITION WORK
4. SEE LANDSCAPE DRAWINGS FOR OVERLOOK ALONG LAKE MERCED BLVD.
5. SEE CIVIL DRAWINGS FOR SITE GRADING AND DRAINAGE, TYP.
6. CHEMICAL CONTAINMENT (BELOW GRATING) - 1% SLOPE DOWN TO LOWPOINT "LP"

REFERENCES
GATE BOOK PAGES, PLANS, SURVEY NOTES, ETC. USED
GATE BOOK PAGES NO.



CITY AND COUNTY OF SAN FRANCISCO
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BUILDING DESIGN & CONSTRUCTION

SECTION MANAGER P. WONG	DRAWN M. JOE/I. CEJA
DEPUTY BUREAU MANAGER J. LAUE	CHECKED E. SHUM/M. PIERRON
CITY ARCHITECT E. LOPEZ	APPROVED E. SHUM/M. PIERRON

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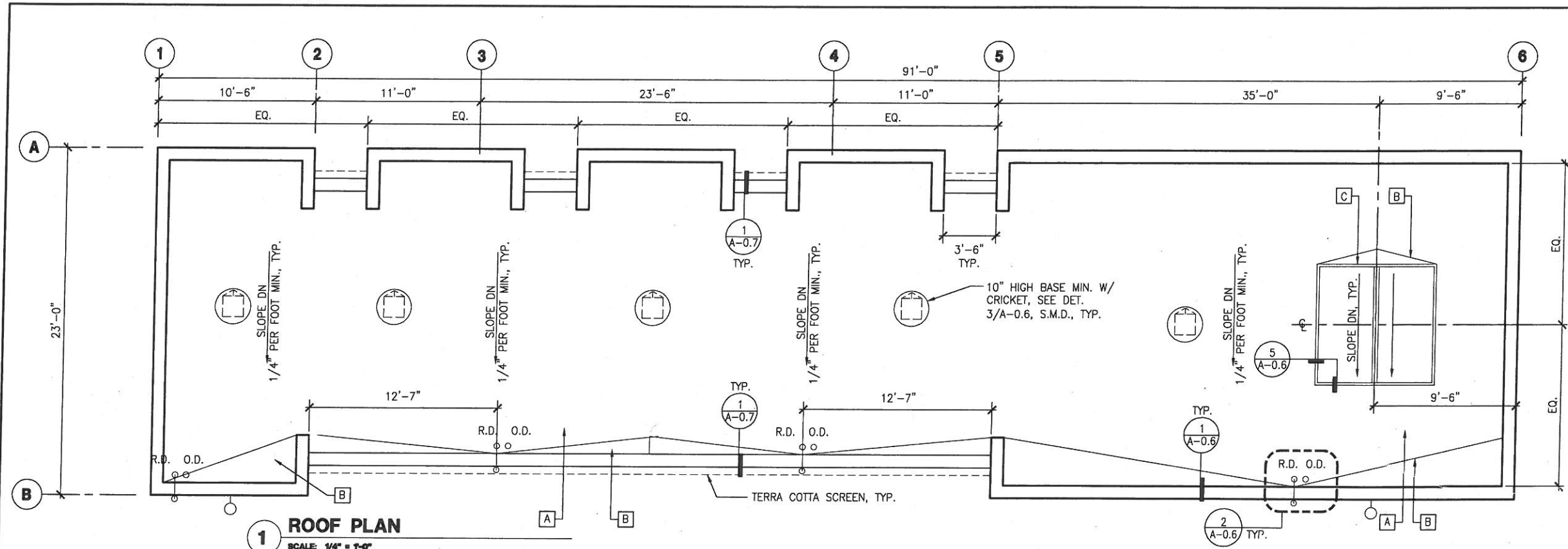
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PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU

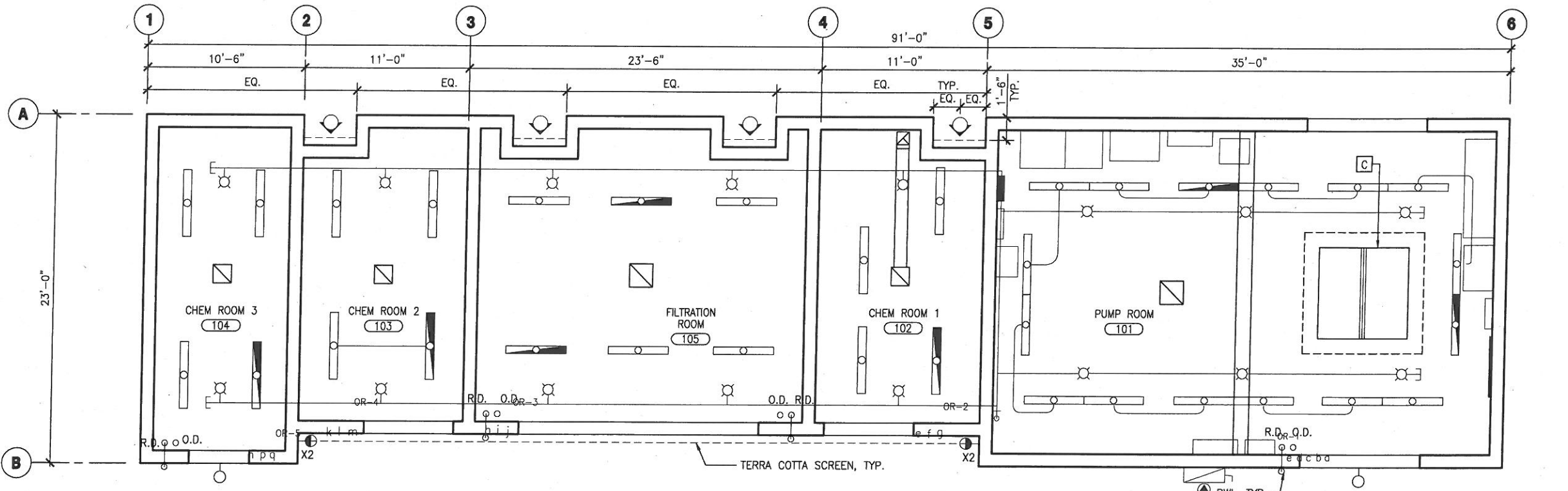
REGIONAL GROUNDWATER STORAGE AND RECOVERY
SSF LINEAR PARK, SSF LOCATION CUP-41-4
FLOOR PLAN

CHECKED / APPROVED	DRAWN	SCALE AS SHOWN
SECTION MANAGER	DESIGNED	DATE
APPROVED	APPROVED	AUG 2014
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION	
SHEET	PLAN NO.	DRAWING NO.
	A-13.1	E-XXXX
NO. DATE	DESCRIPTION	BY
	REVISIONS	APPROVED

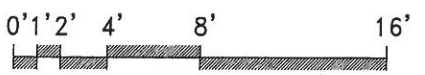
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SCALE: 1:1
BORDER:
22,34
COLOR: No.
RED
YELLOW
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9
10
100
210



1 ROOF PLAN
SCALE: 1/4" = 1'-0"



2 REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



SHEET NOTES:

- A** 4-PLY SBS ROOFING SYSTEM AND TAPERED INSULATION OVER ROOF DECK
- B** CRICKET, TYP.
- C** 8'X8' REMOVABLE MODULAR SKYLIGHT BEYOND SHOWN DASHED, AND REMOVABLE SECURITY GRILL BELOW, CENTERED ABOVE WELL, TYP. SEE SHT. A-0.6

LEGEND:

- TANKS, CONCRETE CURBS, AND EQUIPMENT BELOW SHOWN DASHED, TYP.
- CEILING MOUNTED LIGHT FIXTURE, S.E.D., TYP.
- WALL MOUNTED LIGHT FIXTURE, S.E.D., TYP.
- ◊ IN-GROUND FLOOD LIGHT, TYP.
- ⊙ WALL MOUNTED RECESSED LIGHT, TYP.
- R.D. O.D. ROOF DRAIN AND OVERFLOW DRAIN, TYP.
- ◻ MECHANICAL EXHAUST, S.M.D., TYP.
- ⊗ FIRE SPRINKLER HEAD AND PIPING, S.M.D., TYP.

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PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU

REGIONAL GROUNDWATER STORAGE AND RECOVERY
SSF LINEAR PARK, SSF LOCATION CUP-41-4
ROOF AND REFLECTED CEILING PLANS

CHECKED / APPROVED	DRAWN	SCALE
SECTION MANAGER	DESIGNED	DATE
APPROVED	APPROVED	
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION	
SHEET	PLAN NO.	REVISION NO.
A-13.2	E-XXXX	

CITY AND COUNTY OF SAN FRANCISCO
DEPARTMENT OF PUBLIC WORKS
BUILDING DESIGN & CONSTRUCTION

SECTION MANAGER	DRAWN
P. WONG	M. JOE/L. CEJA
DEPUTY BUREAU MANAGER	DESIGNED
J. LAUE	E. SHUM/M. PIERRON
CITY ARCHITECT	CHECKED
E. LOPEZ	E. SHUM/M. PIERRON
REV. 8/2015	

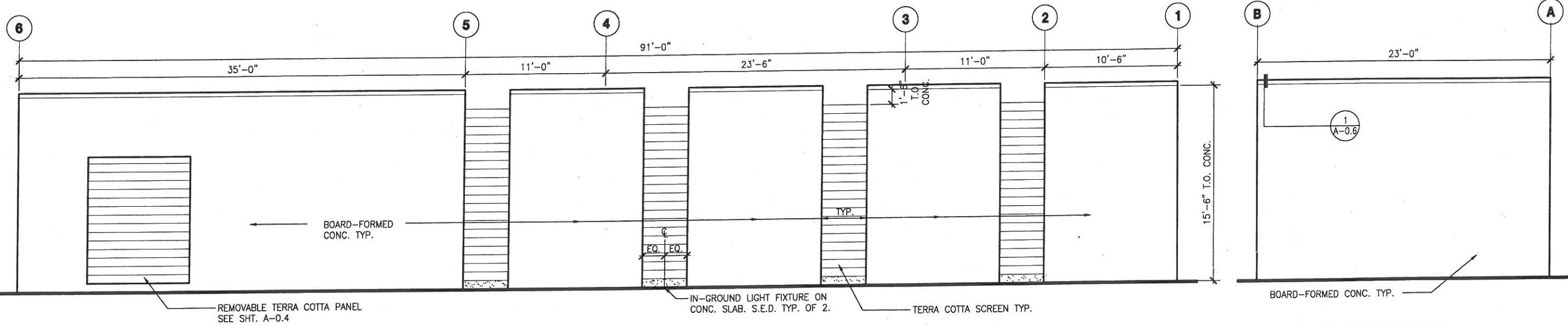


REFERENCES
GATE BOOK PAGES, PLANS, SURVEY NOTES, ETC., USED

GATE BOOK PAGES NO.

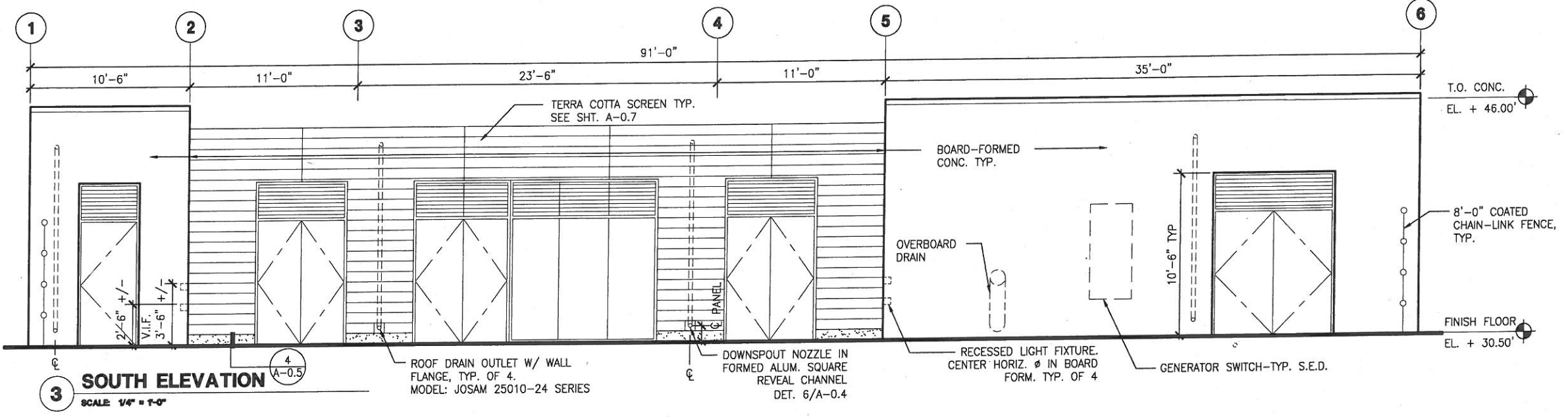
RWL TYP., AVOID DEDICATED ELECTRICAL STORAGE AND RECOVERY SPACE PER CODE S.M.D., S.E.D.

PLOT: EXTEND
SCALE: 1:1
BORDER:
22,34
COLOR: No.
RED
YELLOW
GREEN
CYAN
BLUE
MAGENTA
WHITE
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9
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100
210



1 NORTH ELEVATION
SCALE: 1/4" = 1'-0"

2 EAST ELEVATION
SCALE: 1/4" = 1'-0"



3 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

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INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU

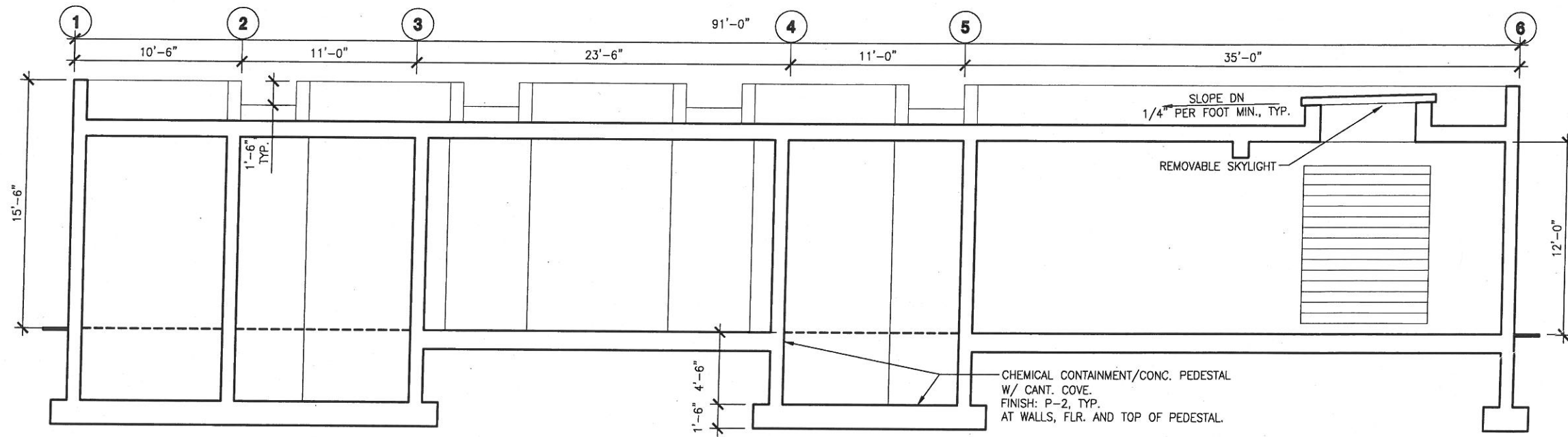
REGIONAL GROUNDWATER STORAGE AND RECOVERY		SSF LINEAR PARK, SSF LOCATION CUP-41-4 ELEVATIONS	
CHECKED / APPROVED	DATE	DRAWN	SCALE AS SHOWN
SECTION MANAGER	DESIGNED	DESIGNED	DATE
APPROVED	CHECKED	APPROVED	DATE
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION	PLAN NO.	REVISION NO.
		A-13.3	E-XXXX

REFERENCES
GATE BOOK PAGES, PLANS, SURVEY NOTES, ETC. USED
GATE BOOK PAGES NO.

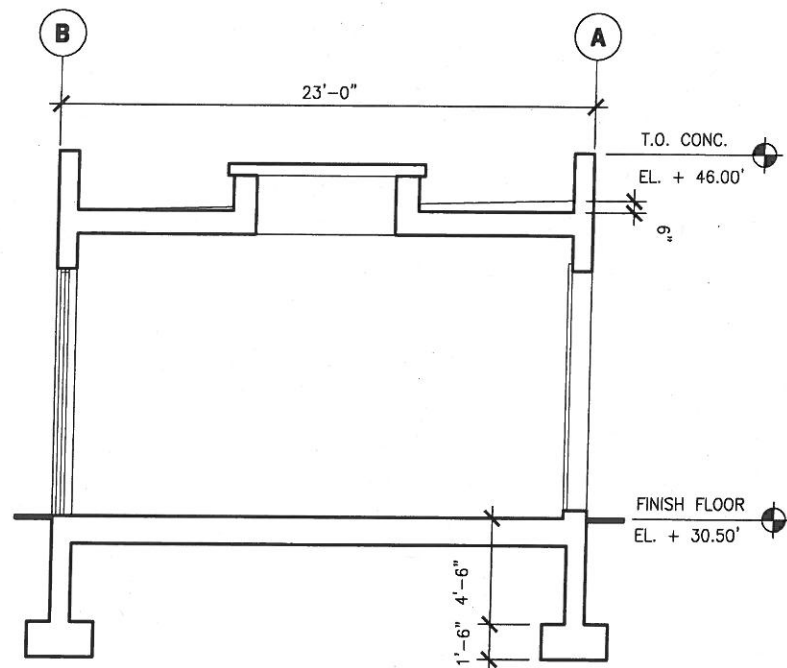


CITY AND COUNTY OF SAN FRANCISCO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION			
SECTION MANAGER	DESIGNED	CHECKED	APPROVED
P. WONG	M. JOE/L. CEJA	E. SHUM/M. PIERRON	E. SHUM/M. PIERRON
DEPUTY SECTION MANAGER	DESIGNED	CHECKED	APPROVED
J. LAUE	E. SHUM/M. PIERRON	E. SHUM/M. PIERRON	E. SHUM/M. PIERRON
CITY ARCHITECT	DESIGNED	CHECKED	APPROVED
E. LOPEZ	E. SHUM/M. PIERRON	E. SHUM/M. PIERRON	E. SHUM/M. PIERRON
NO.	DATE	DESCRIPTION	BY
		REVISIONS	

PLOT: EXTEND
SCALE: 1:1
BORDER:
22.34
COLOR: No.
RED
YELLOW
GREEN
CYAN
BLUE
MAGENTA
WHITE
GRAY
9
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210



1 BUILDING SECTION - AA
SCALE: 1/4" = 1'-0"



2 BUILDING SECTION - BB
SCALE: 1/4" = 1'-0"

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CONTRACT NO. WD-2668

CITY AND COUNTY OF SAN FRANCISCO
PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU

REGIONAL GROUNDWATER
STORAGE AND RECOVERY

SSF LINEAR PARK, SSF
LOCATION CUP-41-4
BUILDING SECTIONS

CHECKED / APPROVED	DRAWN	SCALE
SECTION MANAGER	DESIGNED	AS SHOWN
APPROVED	DATE	AUG 2014
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION	
SHEET	PLANS NO.	REVISION NO.
	A-13.4	E-XXXX

CITY AND COUNTY OF SAN FRANCISCO
DEPARTMENT OF PUBLIC WORKS
BUILDING DESIGN & CONSTRUCTION

SECTION MANAGER	DRAWN
P. WONG	M. JOE/I. CEJA
DEPUTY BUREAU MANAGER	DESIGNED
J. LAUE	E. SHUM/M. PIERRON
CITY ARCHITECT	CHECKED
E. LOPEZ	E. SHUM/M. PIERRON

NO.	DATE	DESCRIPTION	BY	APPR'D

REFERENCES
GATE BOOK PAGES, PLANS,
SURVEY NOTES, ETC. USED

GATE BOOK PAGES
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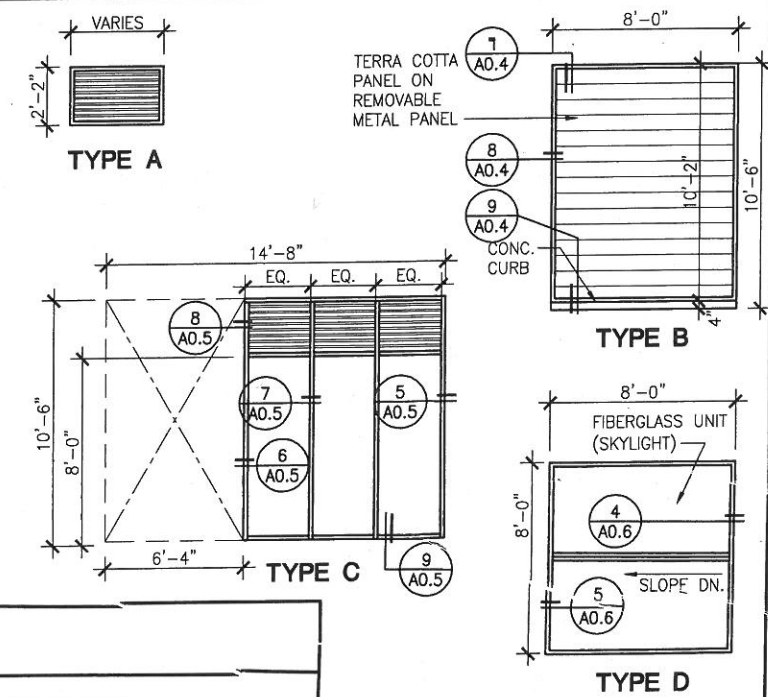


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SCALE: 1:1
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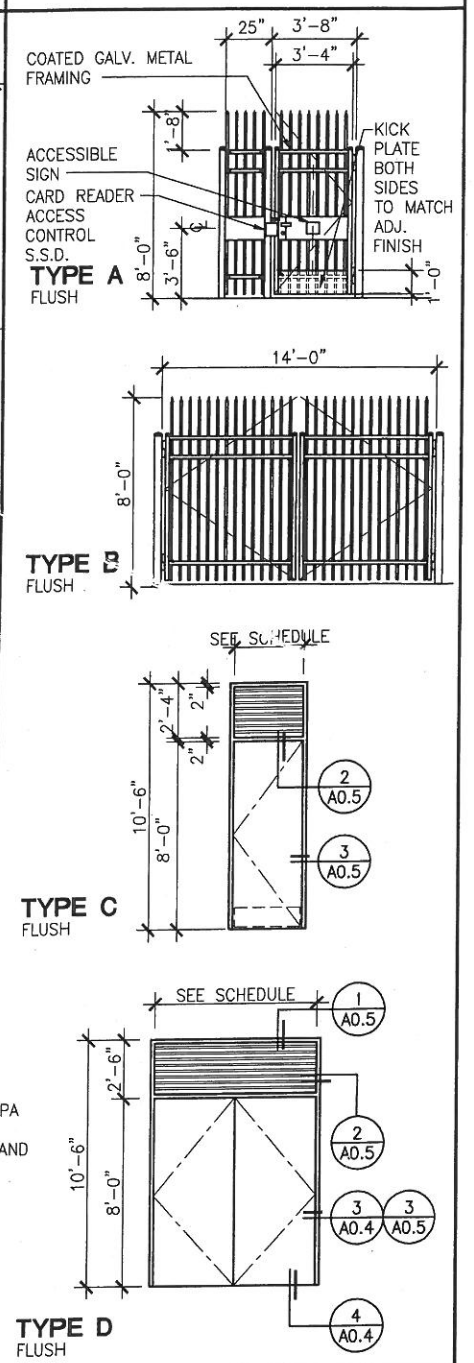
OPENING SCHEDULE

BUILDING	OPENING NO.	OPENING			FRAME			DETAIL	MATERIAL	FINISH	GLASS TYPE	COMMENTS	
		LOCATION	TYPE	E = EXT. I = INT.	WIDTH	HEIGHT	HEAD						JAMB
PUMP BUILDING	1	PUMP ROOM	B	E	8'-0"	10'-2"	7/A-0.4	8/A-0.4	9/A-0.4	GHM	P-4	-	REMOVABLE TERRA COTTA PANEL W/ SECURITY GRILL. SEE A-0.4
	2	FILTRATION ROOM	C	E	16'-0"	10'-6"	1/A-0.5	5/A-0.5	9/A-0.5	GHM	P-4	-	INCLUDE DOOR #7
	3	PUMP ROOM	A	E	8'-0"	2'-2"	1/A-0.4	2/A-0.4	1/A-0.4	GHM	P-4	-	
	4	CHEMICAL ROOM #1	A	E	6'-0"	2'-2"	1/A-0.5	2/A-0.5	1/A-0.5	GHM	P-4	-	
	5	CHEMICAL ROOM #3	A	E	4'-0"	2'-2"	1/A-0.4	2/A-0.4	1/A-0.4	GHM	P-4	-	
	6	CHEMICAL ROOM #2	A	E	6'-0"	2'-2"	1/A-0.5	2/A-0.5	1/A-0.5	GHM	P-4	-	
	7	FILTRATION ROOM	A	E	6'-0"	2'-2"	4/A-0.5	5/A-0.5	9/A-0.5	GHM	P-4	-	
	8	PUMP ROOM	D	E	8'-0"	8'-0"	-	-	-	-	-	-	REMOVABLE FIBERGLASS SKYLIGHT AND GALV. METAL SECURITY GRILL BELOW

OPENING TYPES



DOOR TYPES



DOOR SCHEDULE

DOOR NO.	LOCATION	DOOR OPENING		DOOR					FRAME		DETAIL			REMARKS	
		E = EXT. I = INT.	WIDTH & HEIGHT	THICKNESS	DOOR TYPE	DOOR CONSTRUCTION	DOOR FINISH	GLASS	FRAME CONSTRUCTION	FRAME FINISH	HEAD	JAMB	THRESHOLD		FIRE RATING
1	PEDESTRIAN GATE	E	3'-6" X 8'-0"	-	A	GHM	P-3	-	GHM	-	-	-	-	1	
2	VEHICULAR PAIR GATE	E, PR	14'-0" X 8'-0"	-	B	GHM	P-3	-	GHM	-	-	-	-	2	
3	101 PUMP ROOM	E, PR	8'-0" X 8'-0"	1 3/4"	D	GHM	P-4	-	GHM	-	1/A-0.4	3/A-0.4	4/A-0.4	3	NFPA HAZ. MAT. DIAMOND SIGN
4	102 CHEMICAL ROOM #1	E, PR	6'-0" X 8'-0"	1 3/4"	D	GHM	P-4	-	GHM	-	1/A-0.5	3/A-0.5	4/A-0.4	4	NFPA HAZ. MAT. DIAMOND SIGN
5	103 CHEMICAL ROOM #2	E, LHR	4'-0" X 8'-0"	1 3/4"	C	GHM	P-4	-	GHM	-	1/A-0.4	2/A-0.4	4/A-0.4	5	NFPA HAZ. MAT. DIAMOND SIGN
6	104 CHEMICAL ROOM #3	E, PR	6'-0" X 8'-0"	1 3/4"	D	GHM	P-4	-	GHM	-	1/A-0.5	3/A-0.5	4/A-0.4	4	NFPA HAZ. MAT. DIAMOND SIGN
7	105 FILTRATION ROOM	E, PR	6'-0" X 8'-0"	1 3/4"	D	GHM	P-4	-	GHM	-	1/A-0.5	3/A-0.5 SIM.	4/A-0.4	3	NFPA HAZ. MAT. DIAMOND SIGN

DOOR NOTES

- DOORS AND FRAMES TO BE INSTALLED AT LOCATIONS AS SHOWN ON PARTITION PLAN.
- ADJUST CLOSING FORCE OF CLOSER TO 5 LBF OR LESS AT EXTERIOR DOORS.
- VERIFY ALL DOOR OPENINGS AND DIMENSIONS IN FIELD PRIOR TO FABRICATION OF DOORS, DOOR FRAMES AND LOUVERS.
- NOTIFY PUC FOR A PRE-POUR CONDUIT INSPECTION FOR ALL ELECTRICAL DOOR HARDWARE INSTALLATION
- PROVIDE WALL-MOUNTED GALV. METAL NFPA HAZARDOUS MATERIAL SIGN, PREMISES IDENTIFICATION AND KEY BOX PER CODE AND LOCAL FIRE MARSHALL AT ENTRY

ROOM FINISH SCHEDULE

ROOM	FLOOR	WALLS								CEILING		COMMENTS
		CHEMICAL CONTAINMENT		NORTH		EAST		SOUTH		WEST		
LOCATION	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH
PUMP ROOM	CONC.	P-1	-	-	CONC.	-	CONC.	-	CONC.	-	CONC.	-
CHEMICAL ROOM #1	CONC.	-	CONC.	P-2	CONC.	-	CONC.	-	CONC.	-	CONC.	-
CHEMICAL ROOM #2	CONC.	-	CONC.	P-2	CONC.	-	CONC.	-	CONC.	-	CONC.	-
CHEMICAL ROOM #3	CONC.	-	CONC.	P-2	CONC.	-	CONC.	-	CONC.	-	CONC.	-
FILTRATION ROOM	CONC.	P-1	-	-	CONC.	-	CONC.	-	CONC.	-	CONC.	-

REFERENCES
GATE BOOK PAGES, PLANS, SURVEY NOTES, ETC. USED
GATE BOOK PAGES NO.



CITY AND COUNTY OF SAN FRANCISCO
DEPARTMENT OF PUBLIC WORKS
BUILDING DESIGN & CONSTRUCTION

DESIGNER	M. JOE/I. CEJA
DEPUTY BUREAU MANAGER	E. SHUM/M. PIERRON
CITY ARCHITECT	E. LOPEZ
CHECKED	E. SHUM/M. PIERRON

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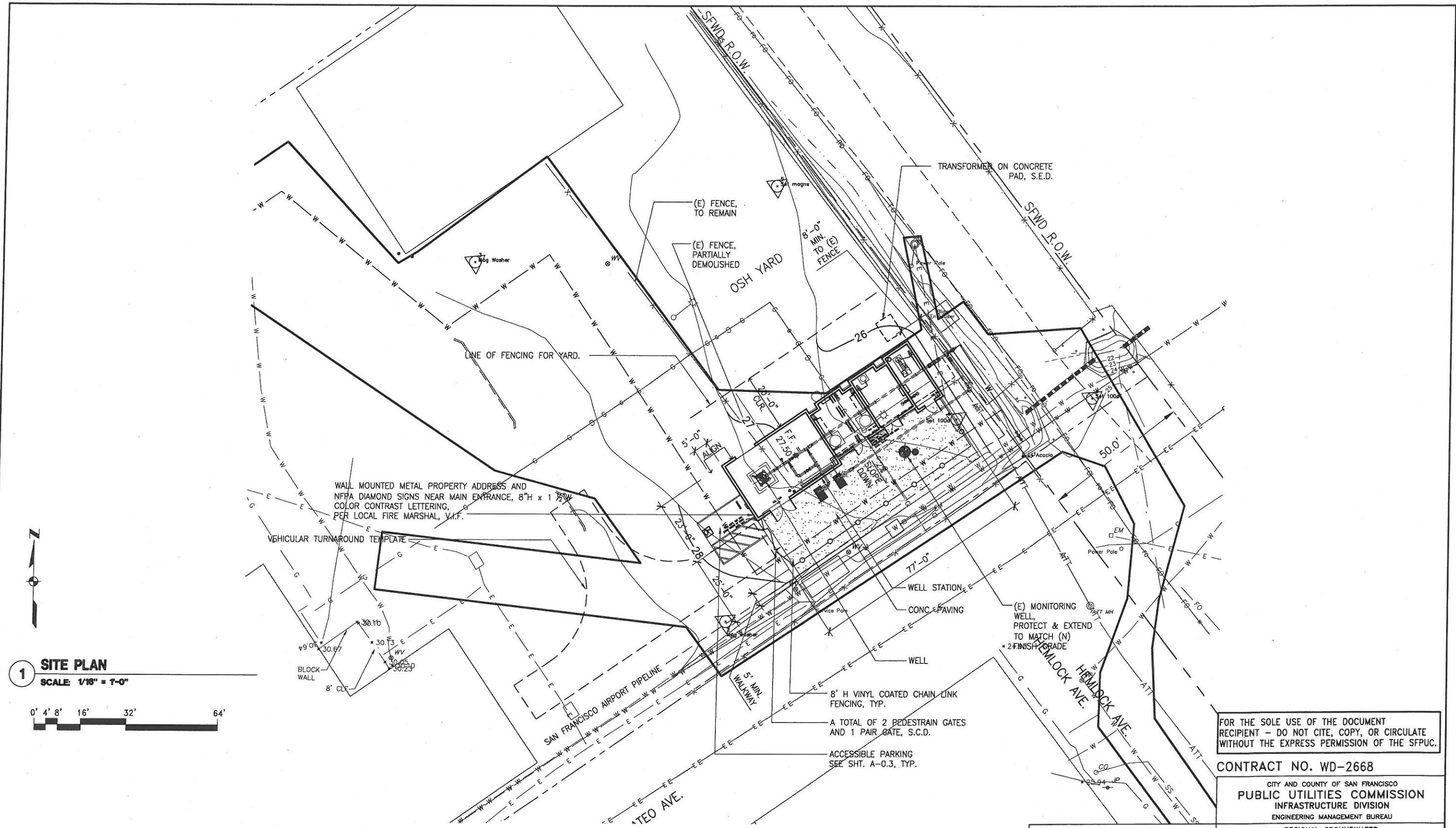
CONTRACT NO. WD-2668
CITY AND COUNTY OF SAN FRANCISCO
PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU

REGIONAL GROUNDWATER STORAGE AND RECOVERY

SSF LINEAR PARK, SSF LOCATION CUP-41-4
OPENING/DOOR/RM FINISH SCHEDULES

CHECKED / APPROVED	DRAWN	SCALE	AS SHOWN
SECTION MANAGER	DESIGNED	DATE	AUG 2014
APPROVED	APPROVED		
MANAGER, ENGINEERING MANAGEMENT BUREAU	PLANNING	DESIGNING	REVISION NO.
SHEET	A-13.5	DESIGNING	E-XXXX

PLOT: EXTEND
SCALE: 1:1
BORDER:
22,34
COLOR: No.
RED
YELLOW
GREEN
CYAN
BLUE
MAGENTA
WHITE
GRAY
9
10
100
210



1 SITE PLAN
SCALE 1/16" = 1'-0"



LEGEND:

ACCESSIBLE PATH OF TRAVEL

MAINTAIN 48" WIDE (MIN.) X 80" HIGH (MIN.) CLEAR ALONG PATH. 1.8% MAX. CROSS SLOPE & 4.7% MAX. RUNNING SLOPE

- GENERAL NOTES:**
1. CONTRACTOR SHALL VERIFY LOCATION OF ALL (E) UTILITY LINES BEFORE COMMENCEMENT OF WORK.
 2. CONTRACTOR SHALL EXCAVATE, TRENCH / SHORE AND BACKFILL ALL (N) UTILITY INSTALLATIONS.
 3. REFER TO STRUCTURAL & LANDSCAPE PLANS FOR SPOT ELEVATION DETAILS
 4. SEE LANDSCAPE DRAWINGS FOR SITE & DEMOLITION WORK
 5. SEE CIVIL DRAWINGS FOR SITE GRADING AND DRAINAGE, TYP.

REFERENCES
GATE BOOK PAGES, PLANS, SURVEY NOTES, ETC. USED
GATE BOOK PAGES NO.

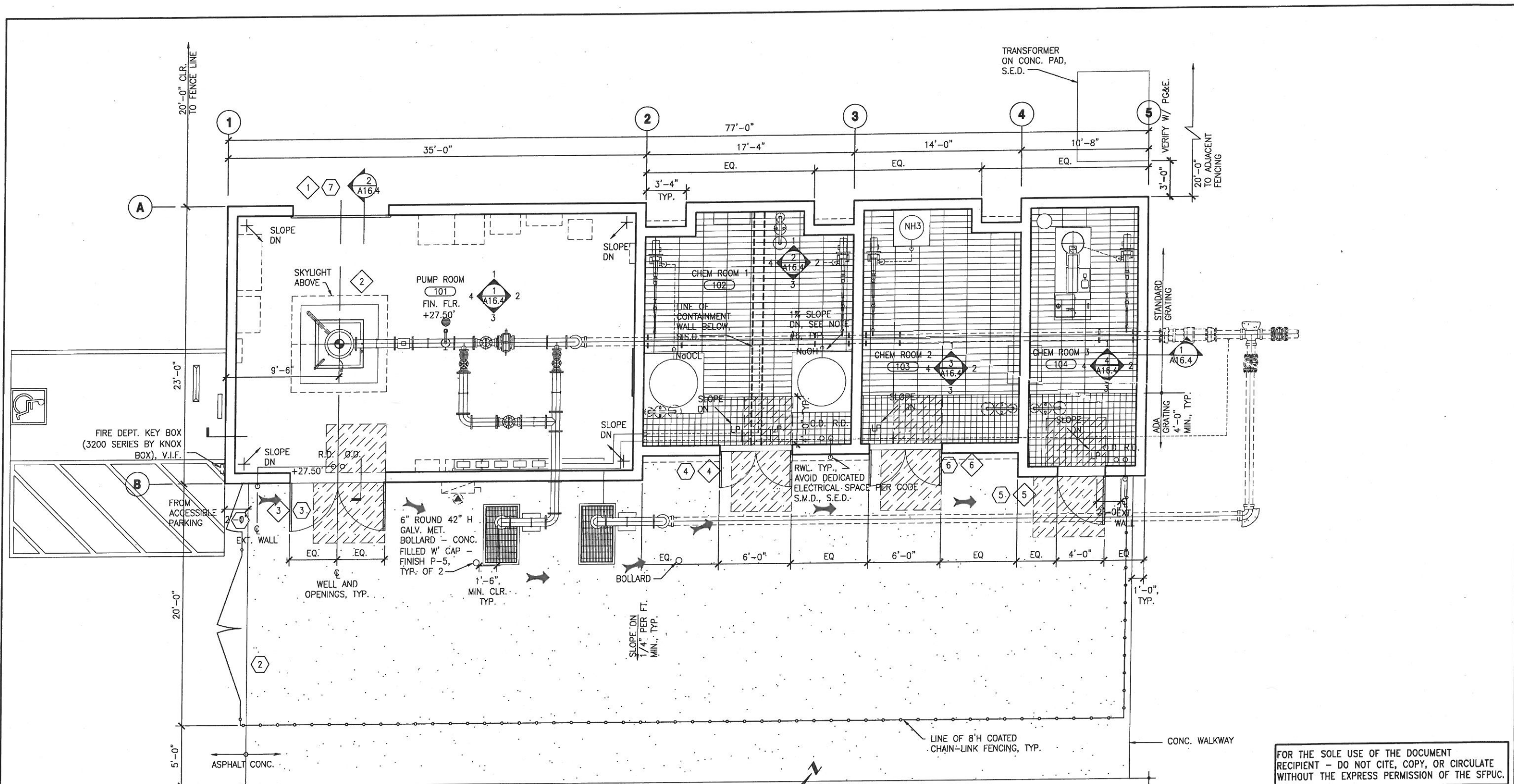


CITY AND COUNTY OF SAN FRANCISCO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION	
SECTION MANAGER P. WONG	DRAWN BY M. JOE/I. CEJA
DEPUTY SECTION MANAGER J. LAUE	DESIGNED BY E. SHUM/M. PIERRON
CITY ARCHITECT E. LOPEZ	CHECKED BY E. SHUM/M. PIERRON
NO.	DATE
REVISIONS	

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CITY AND COUNTY OF SAN FRANCISCO PUBLIC UTILITIES COMMISSION INFRASTRUCTURE DIVISION ENGINEERING MANAGEMENT BUREAU	
REGIONAL GROUNDWATER STORAGE AND RECOVERY MILLBRAE CORP. YARD, MILLBRAE LOCATION CUP-M-1 SITE PLAN	
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION
SHEET	REVISION NO.
A-16.0	E-XXXX

PLOT: EXTEND
SCALE: 1:1
BORDER: 22,34
COLOR: No.
RED
YELLOW
GREEN
CYAN
BLUE
MAGENTA
WHITE
GRAY
9
10
100
210



1 FLOOR PLAN
SCALE: 1/4" = 1'-0"



LEGEND:

- ACCESSIBLE PATH OF TRAVEL: MAINTAIN 48" WIDE (MIN.) X 80" HIGH (MIN.) CLEAR ALONG PATH. 1.8% MAX. CROSS SLOPE & 4.7% MAX. RUNNING SLOPE
- CLEAR & LEVEL PLATFORM: CLEAR AND LEVEL PLATFORM AT DOOR. 1.8% MAX CROSS SLOPE IN EACH DIRECTION - DRAIN AWAY FROM DOOR

GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY LOCATION FOR ALL (E) UTILITY LINES. CONTRACTOR SHALL EXCAVATE, TRENCH / SHORE AND BACKFILL ALL (N) UTILITY INSTALLATIONS.
2. REFER TO STRUCTURAL & LANDSCAPE PLANS FOR SPOT ELEVATION DETAILS
3. SEE LANDSCAPE DRAWINGS FOR SITE & DEMOLITION WORK
4. SEE LANDSCAPE DRAWINGS FOR OVERLOOK ALONG LAKE MERCED BLVD.
5. SEE CIVIL DRAWINGS FOR SITE GRADING AND DRAINAGE, TYP.
6. CHEMICAL CONTAINMENT (BELOW GRATING) - 1% SLOPE DOWN TO LOWPOINT "LP"

REFERENCES
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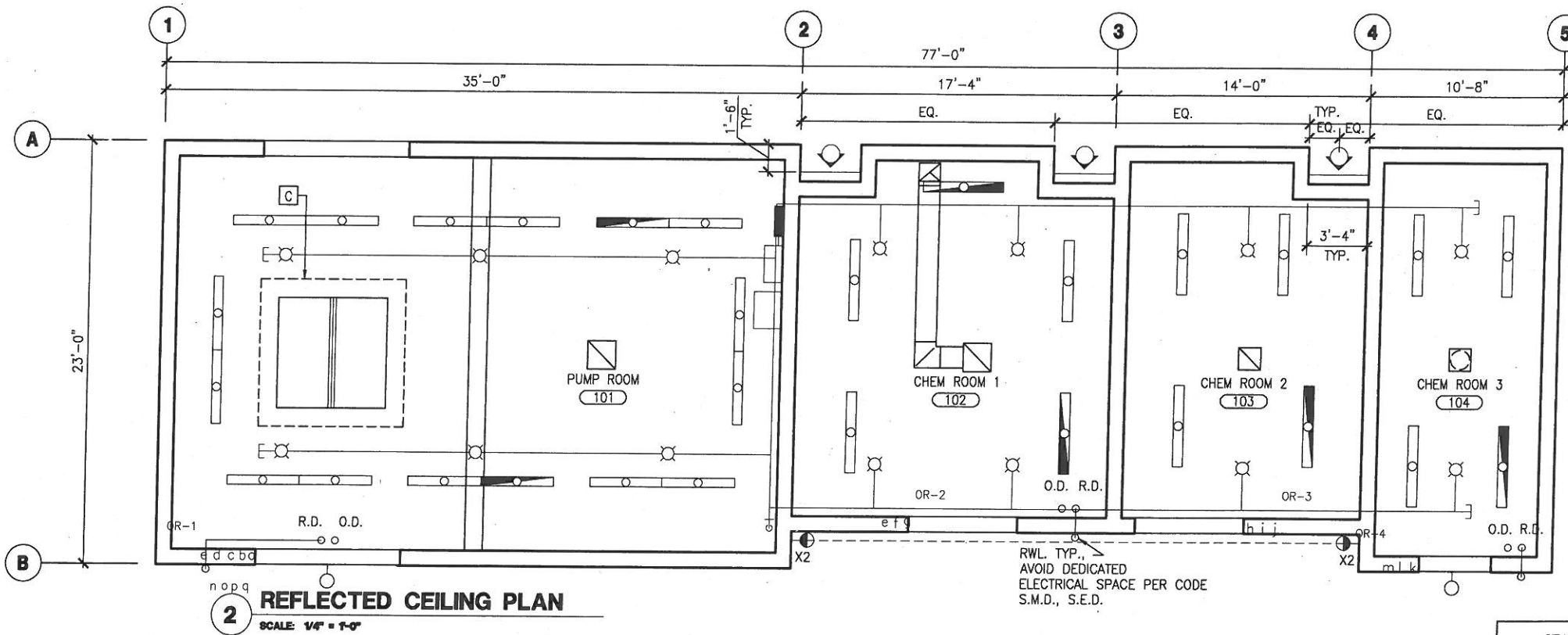
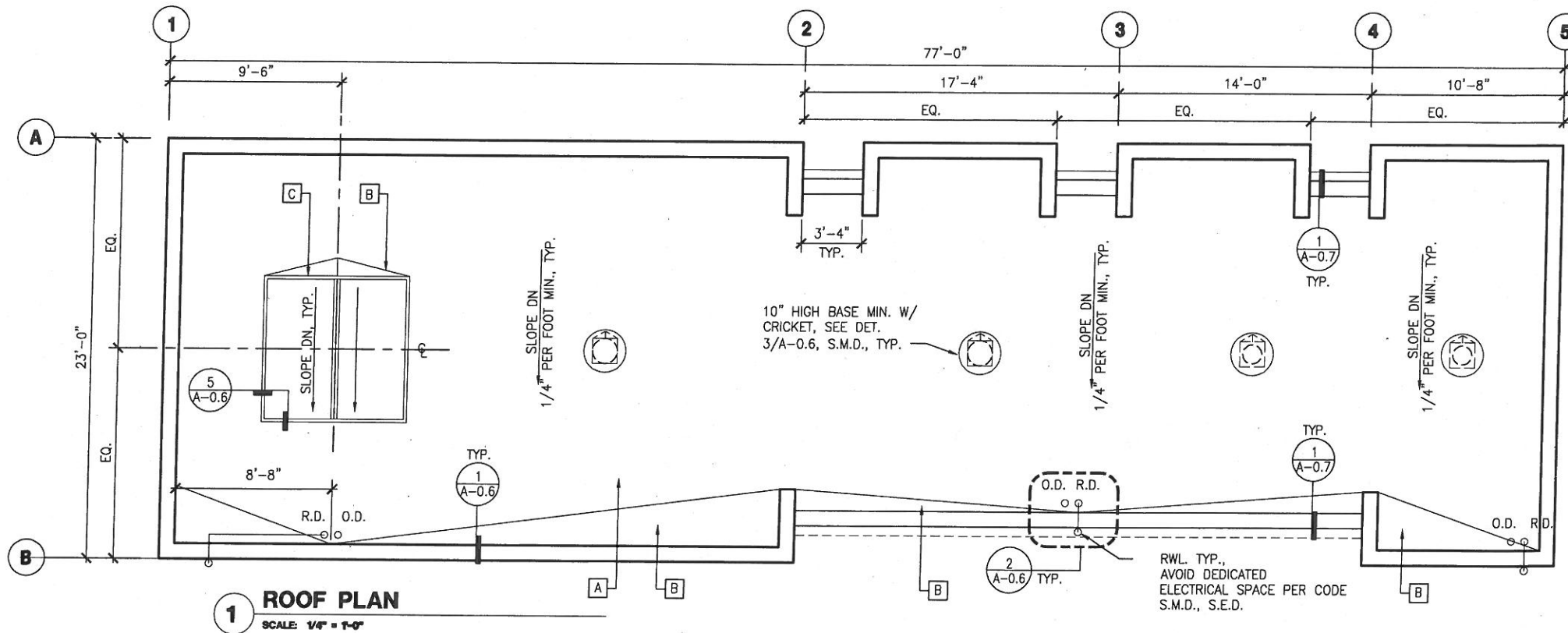


CITY AND COUNTY OF SAN FRANCISCO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION	
SECTION MANAGER P. WONG	DRAWN M. JOE/I. CEJA
DEPUTY BUREAU MANAGER J. LAUE	DESIGNED E. SHUM/M. PIERRON
CITY ARCHITECT E. LOPEZ	CHECKED E. SHUM/M. PIERRON
NO. DATE DESCRIPTION BY APP'D	
REVISIONS	

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CITY AND COUNTY OF SAN FRANCISCO PUBLIC UTILITIES COMMISSION INFRASTRUCTURE DIVISION ENGINEERING MANAGEMENT BUREAU	
REGIONAL GROUNDWATER STORAGE AND RECOVERY MILLBRAE CORP. YARD, MILLBRAE LOCATION CUP-M-1 FLOOR PLAN	
CHECKED / APPROVED	SCALE AS SHOWN
SECTION MANAGER	DESIGNED DATE AUG 2014
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION
SHEET	PLATE NO. A-16.1
NO. DATE DESCRIPTION BY APP'D	DRAWING NO. XXXX
REVISIONS	REVISION NO.

PLOT: EXTEND
SCALE: 1:1
BORDER:
22,34
COLOR: No.
RED
YELLOW
GREEN
CYAN
BLUE
MAGENTA
WHITE
GRAY
9
10
100
210



SHEET NOTES:

- A** 4-PLY SBS ROOFING SYSTEM AND TAPERED INSULATION OVER ROOF DECK
- B** CRICKET, TYP.
- C** 8'X8' REMOVABLE MODULAR SKYLIGHT BEYOND SHOWN DASHED, AND REMOVABLE SECURITY GRILL BELOW, CENTERED ABOVE WELL, TYP. SEE SHT. A-0.6

LEGEND:

- TANKS, CONCRETE CURBS, AND EQUIPMENT BELOW SHOWN DASHED, TYP.
- CEILING MOUNTED LIGHT FIXTURE, S.E.D., TYP.
- WALL MOUNTED LIGHT FIXTURE, S.E.D., TYP.
- ◇ IN-GROUND FLOOD LIGHT, TYP.
- ⊙ WALL MOUNTED RECESSED LIGHT, TYP.
- R.D. O.D. ROOF DRAIN AND OVERFLOW DRAIN, TYP.
- ▣ MECHANICAL EXHAUST, S.M.D., TYP.
- ⊙ FIRE SPRINKLER HEAD AND PIPING, S.M.D., TYP.

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CONTRACT NO. WD-2668

CITY AND COUNTY OF SAN FRANCISCO
PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU

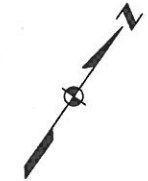
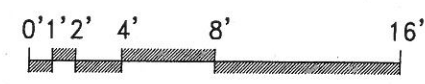
REGIONAL GROUNDWATER STORAGE AND RECOVERY
MILLBRAE CORP. YARD, MILLBRAE LOCATION CUP-M-1
ROOF AND REFLECTED CEILING PLANS

DESIGNED / APPROVED	DATE	SCALE
J. LAUE	8/2015	AS SHOWN
DESIGNED	DATE	APPROVED
E. SHUM/M. PIERRON	AUG 2014	
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION	
NO. DATE	DESCRIPTION	BY APP'D
	REVISIONS	

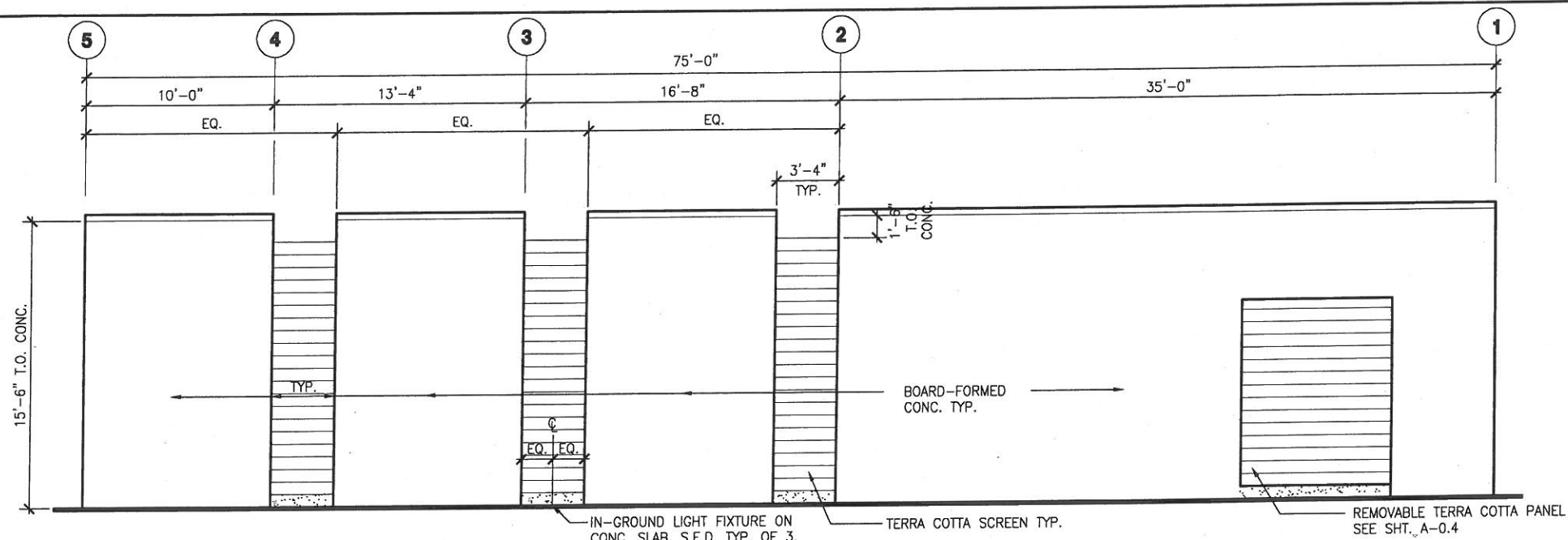
CITY AND COUNTY OF SAN FRANCISCO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION	
SECTION MANAGER P. WONG	DRAWN M. JOE/L. CEJA
DEPUTY BUREAU MANAGER J. LAUE	DESIGNED E. SHUM/M. PIERRON
CITY ARCHITECT E. LOPEZ	CHECKED E. SHUM/M. PIERRON
NO. DATE	DESCRIPTION
	REVISIONS



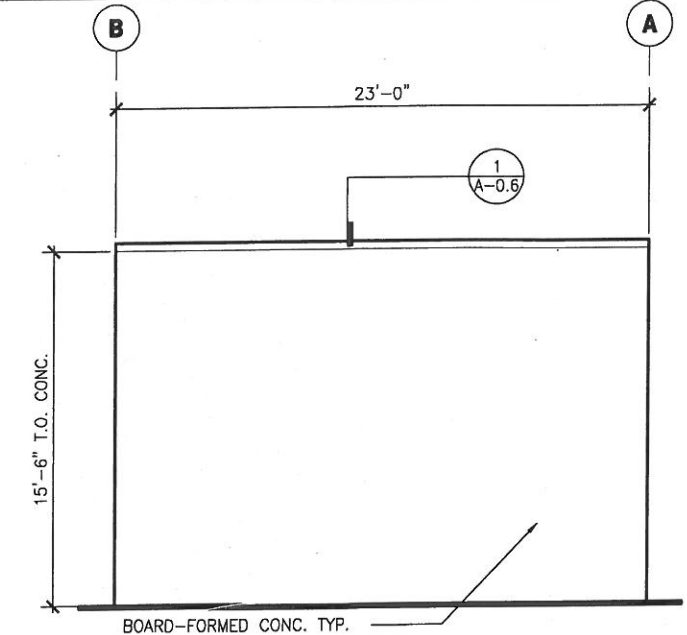
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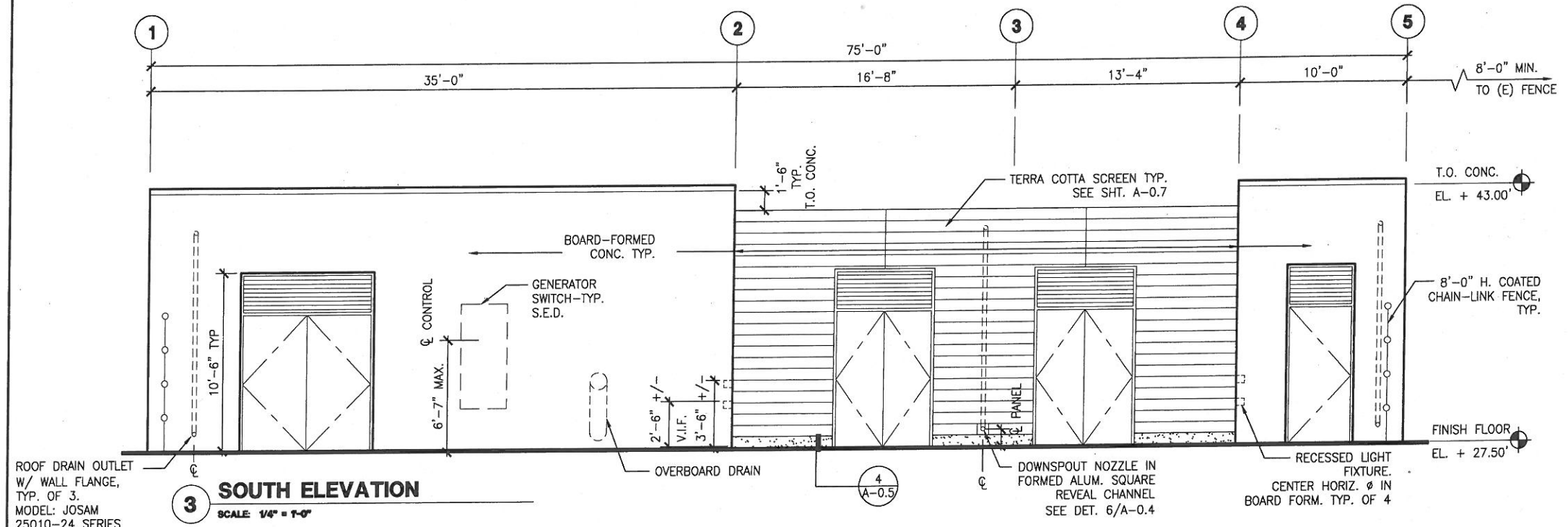
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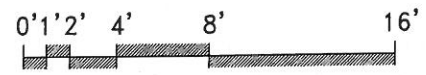
1 NORTH ELEVATION
SCALE 1/4" = 1'-0"



2 EAST ELEVATION
SCALE 1/4" = 1'-0"



3 SOUTH ELEVATION
SCALE 1/4" = 1'-0"



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CITY AND COUNTY OF SAN FRANCISCO
PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU

REGIONAL GROUNDWATER
STORAGE AND RECOVERY
MILLBRAE CORP. YARD, MILLBRAE
LOCATION CUP-M-1
ELEVATIONS

CHECKED / APPROVED	DRAWN	SCALE
SECTION MANAGER	DESIGNED	AS SHOWN
APPROVED	APPROVED	DATE
		AUG 2014
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION	
SHEET	PLAN NO.	DRAWING NO.
	A-16.3	E-XXXX
REVISIONS		

CITY AND COUNTY OF SAN FRANCISCO
DEPARTMENT OF PUBLIC WORKS
BUILDING DESIGN & CONSTRUCTION

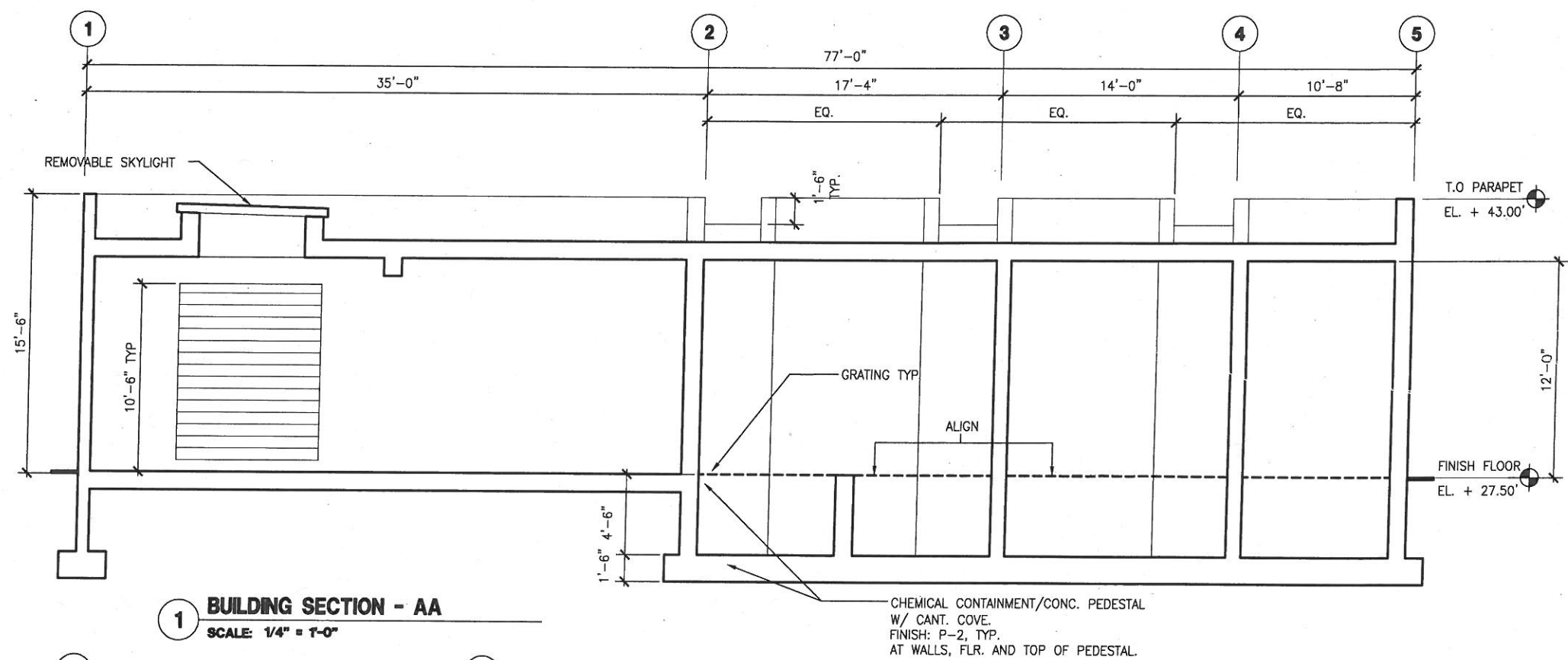
SECTION MANAGER	DRAWN
P. WONG	M. JOE/L. CEJA
DEPUTY BUREAU MANAGER	DESIGNED
J. LAUE	E. SHUM/M. PIERRON
CITY ARCHITECT	CHECKED
E. LOPEZ	E. SHUM/M. PIERRON



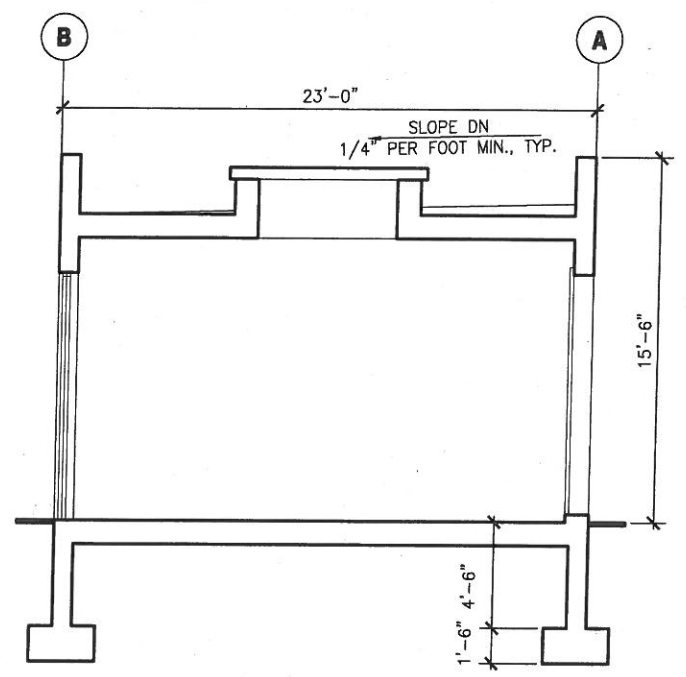
REFERENCES
GATE BOOK PAGES, PLANS,
SURVEY NOTES, ETC. USED

GATE BOOK PAGES
NO.

PLOT: EXTEND
SCALE: 1:1
BORDER:
22,34
COLOR: No.
RED
YELLOW
GREEN
CYAN
BLUE
MAGENTA
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1 BUILDING SECTION - AA
SCALE: 1/4" = 1'-0"



2 BUILDING SECTION - BB
SCALE: 1/4" = 1'-0"

REFERENCES
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SURVEY NOTES, ETC. USED

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CITY AND COUNTY OF SAN FRANCISCO DEPARTMENT OF PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION	
SECTION MANAGER P. WONG	DRAWN M. JOE/I. CEJA
DEPUTY BUREAU MANAGER J. LAUE	DESIGNED E. SHUM/M. PIERRON
CITY ARCHITECT E. LOPEZ	CHECKED E. SHUM/M. PIERRON
NO. DATE DESCRIPTION BY APP'D	
REVISIONS	

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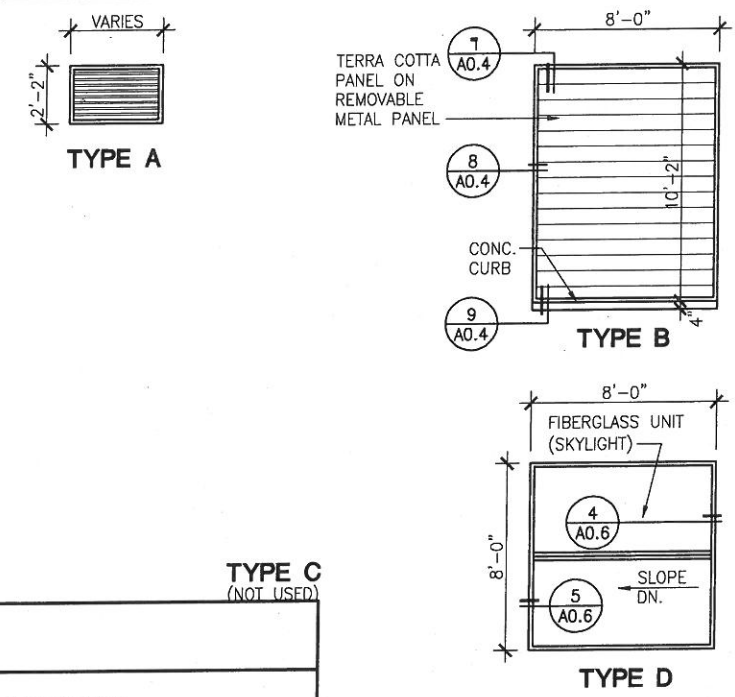
CONTRACT NO. WD-2668	
CITY AND COUNTY OF SAN FRANCISCO PUBLIC UTILITIES COMMISSION INFRASTRUCTURE DIVISION ENGINEERING MANAGEMENT BUREAU	
REGIONAL GROUNDWATER STORAGE AND RECOVERY	
MILLBRAE CORP. YARD, MILLBRAE LOCATION CUP-M-1 BUILDING SECTIONS	
CHECKED / APPROVED	SCALE AS SHOWN
SECTION MANAGER	DATE AUG 2014
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION
PLAN NO. A-16.4	REVISION NO. XXXX

PLOT: EXTEND
SCALE: 1:1
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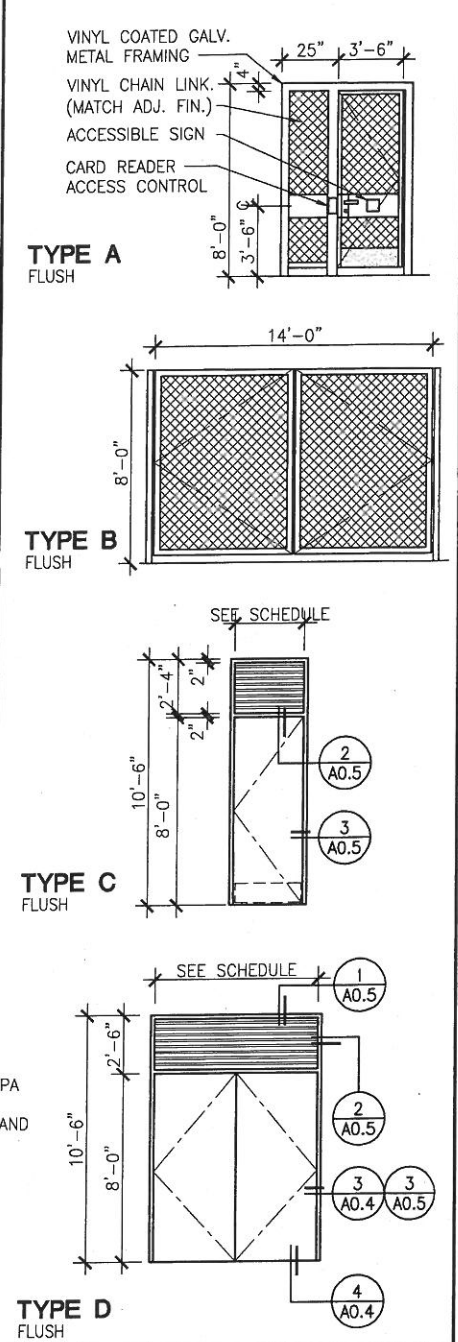
OPENING SCHEDULE

BUILDING	OPENING NO.	OPENING		FRAME					COMMENTS				
		LOCATION	TYPE	OPENING		DETAIL							
				WIDTH	HEIGHT	HEAD	JAMB	SILL		MATERIAL	FINISH	GLASS TYPE	
PUMP BUILDING	1	PUMP ROOM	B	E	8'-0"	10'-2"	7/A-0.4	8/A-0.4	9/A-0.4	GHM	P-4	-	REMOVABLE TERRA COTTA PANEL W/ SECURITY GRILL. SEE A-0.4
	2	PUMP ROOM	D	E	8'-0"	8'-0"	-	-	-	-	-	-	REMOVABLE FIBERGLASS SKYLIGHT AND GALV. METAL SECURITY GRILL BELOW
	3	PUMP ROOM	A	E	8'-0"	2'-2"	1/A-0.4	2/A-0.4	1/A-0.4	GHM	P-4	-	
	4	CHEMICAL ROOM #1	A	E	6'-0"	2'-2"	1/A-0.5	2/A-0.5	1/A-0.5	GHM	P-4	-	
	5	CHEMICAL ROOM #3	A	E	4'-0"	2'-2"	1/A-0.4	2/A-0.4	1/A-0.4	GHM	P-4	-	
	6	CHEMICAL ROOM #2	A	E	6'-0"	2'-2"	1/A-0.5	2/A-0.5	1/A-0.5	GHM	P-4	-	

OPENING TYPES



DOOR TYPES



DOOR SCHEDULE

DOOR NO.	LOCATION	DOOR OPENING	DOOR					FRAME		DETAIL			REMARKS			
			E = EXT. I = INT.	WIDTH & HEIGHT	THICKNESS	DOOR TYPE	DOOR CONSTRUCTION	DOOR FINISH	GLASS	FRAME CONSTRUCTION	FRAME FINISH	HEAD		JAMB	THRESHOLD	
1	PEDESTRIAN GATE		E	3'-6" X 8'-0"	-	A	GHM	P-3	-	GHM	-	-	-	-	1	
2	VEHICULAR PAIR GATE		E, PR	14'-0" X 8'-0"	-	B	GHM	P-3	-	GHM	-	-	-	-	2	
3	101 PUMP ROOM		E, PR	8'-0" X 8'-0"	1 3/4"	D	GHM	P-4	-	GHM	-	1/A-0.4	3/A-0.4	4/A-0.4	3	NFPA HAZ. MAT. DIAMOND SIGN
4	102 CHEMICAL ROOM #1		E, PR	6'-0" X 8'-0"	1 3/4"	D	GHM	P-4	-	GHM	-	1/A-0.5	3/A-0.5	4/A-0.4	4	NFPA HAZ. MAT. DIAMOND SIGN
5	104 CHEMICAL ROOM #3		E, LHR	4'-0" X 8'-0"	1 3/4"	C	GHM	P-4	-	GHM	-	1/A-0.4	2/A-0.4	4/A-0.4	5	NFPA HAZ. MAT. DIAMOND SIGN
6	103 CHEMICAL ROOM #2		E, PR	6'-0" X 8'-0"	1 3/4"	C	GHM	P-4	-	GHM	-	1/A-0.5	3/A-0.5	4/A-0.4	4	NFPA HAZ. MAT. DIAMOND SIGN

DOOR NOTES

- DOORS AND FRAMES TO BE INSTALLED AT LOCATIONS AS SHOWN ON PARTITION PLAN.
- ADJUST CLOSING FORCE OF CLOSER TO 5 LBF OR LESS AT EXTERIOR DOORS.
- VERIFY ALL DOOR OPENINGS AND DIMENSIONS IN FIELD PRIOR TO FABRICATION OF DOORS, DOOR FRAMES AND LOUVERS.
- NOTIFY PUC FOR A PRE-POUR CONDUIT INSPECTION FOR ALL ELECTRICAL DOOR HARDWARE INSTALLATION
- PROVIDE WALL-MOUNTED GALV. METAL NFPA HAZARDOUS MATERIAL SIGN, PREMISES IDENTIFICATION AND KEY BOX PER CODE AND LOCAL FIRE MARSHALL AT ENTRY

ROOM FINISH SCHEDULE

ROOM	FLOOR	WALLS								CEILING		COMMENTS		
		CHEMICAL CONTAINMENT		NORTH		EAST		SOUTH		WEST				
		MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH			
PUMP ROOM		CONC.	P-1	-	-	CONC.	-	CONC.	-	CONC.	-	CONC.	-	
CHEMICAL ROOM #1		CONC.	-	CONC.	P-2	CONC.	-	CONC.	-	CONC.	-	CONC.	-	CONC. COATING REQ. FOR ALL CONC. SURFACES WITHIN CONTAINMENT & TOP/SIDE OF PEDESTAL. TYP.
CHEMICAL ROOM #2		CONC.	-	CONC.	P-2	CONC.	-	CONC.	-	CONC.	-	CONC.	-	SAME AS ABOVE

ROOM FINISH SCHEDULE

P-1 MANUFACTURER: TNEMEC COLOR: CLEAR. NUMBER: 201/211-213 OTHER: CLEAR (NON-SLIP) CONCRETE FLOOR	P-2 MANUFACTURER: TNEMEC COLOR: OFF-WHITE NUMBER: 406 ELASTO SHIELD OTHER: CHEMICAL CONTAINMENT (WALL & FLOOR)	P-3 MANUFACTURER: TNEMEC COLOR: BLACK NUMBER: 750-VUX OTHER: SEMI-GLOSS MATCH VINYL FENCING	P-4 MANUFACTURER: TNEMEC COLOR: MATCH ARCHITECT'S SAMPLE NUMBER: 750 VUX OTHER: SEMI-GLOSS METAL BOLLARDS DOOR LOUVER & METAL FRAMES
P-5 MANUFACTURER: TNEMEC COLOR: OSHA YELLOW NUMBER: 02SF OTHER: SEMI-GLOSS METAL BOLLARDS SAFETY WARNING.	P-6 MANUFACTURER: DRYVIT COLOR: MATCH ARCHITECT'S SAMPLE NUMBER: 113 'AMARILLO WHITE' OTHER: MATTE STUCCO, SANDPEBBLE FINE		

REFERENCES
 GATE BOOK PAGES, PLANS, SURVEY NOTES, ETC. USED
 GATE BOOK PAGES NO.



CITY AND COUNTY OF SAN FRANCISCO
 DEPARTMENT OF PUBLIC WORKS
 BUILDING DESIGN & CONSTRUCTION

SECTION MANAGER P. WONG	DESIGNED M. JOE/L. CEJA
DEPUTY SECTION MANAGER J. LAUE	DESIGNED E. SHUM/M. PIERRON
CITY ARCHITECT E. LOPEZ	DESIGNED E. SHUM/M. PIERRON

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CONTRACT NO. WD-2668
 CITY AND COUNTY OF SAN FRANCISCO
PUBLIC UTILITIES COMMISSION
 INFRASTRUCTURE DIVISION
 ENGINEERING MANAGEMENT BUREAU

REGIONAL GROUNDWATER STORAGE AND RECOVERY	
MILLBRAE CORP. YARD, MILLBRAE LOCATION CUP-M-1	
OPENING/DOOR/RM FINISH SCHEDULES	
CHECKED / APPROVED	DATE
DESIGNED	DATE
APPROVED	DATE
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION
NO. DATE	DESCRIPTION BY APP'D
REVISIONS	
SHEET	REVISION NO.
A-16.5	E-XXXX

PLOT: EXTEND
 SCALE: 1:1
 BORDER:
 22,34
 COLOR: No.
 RED
 YELLOW
 GREEN
 CYAN
 BLUE
 MAGENTA
 WHITE
 GRAY
 9
 10
 100
 210