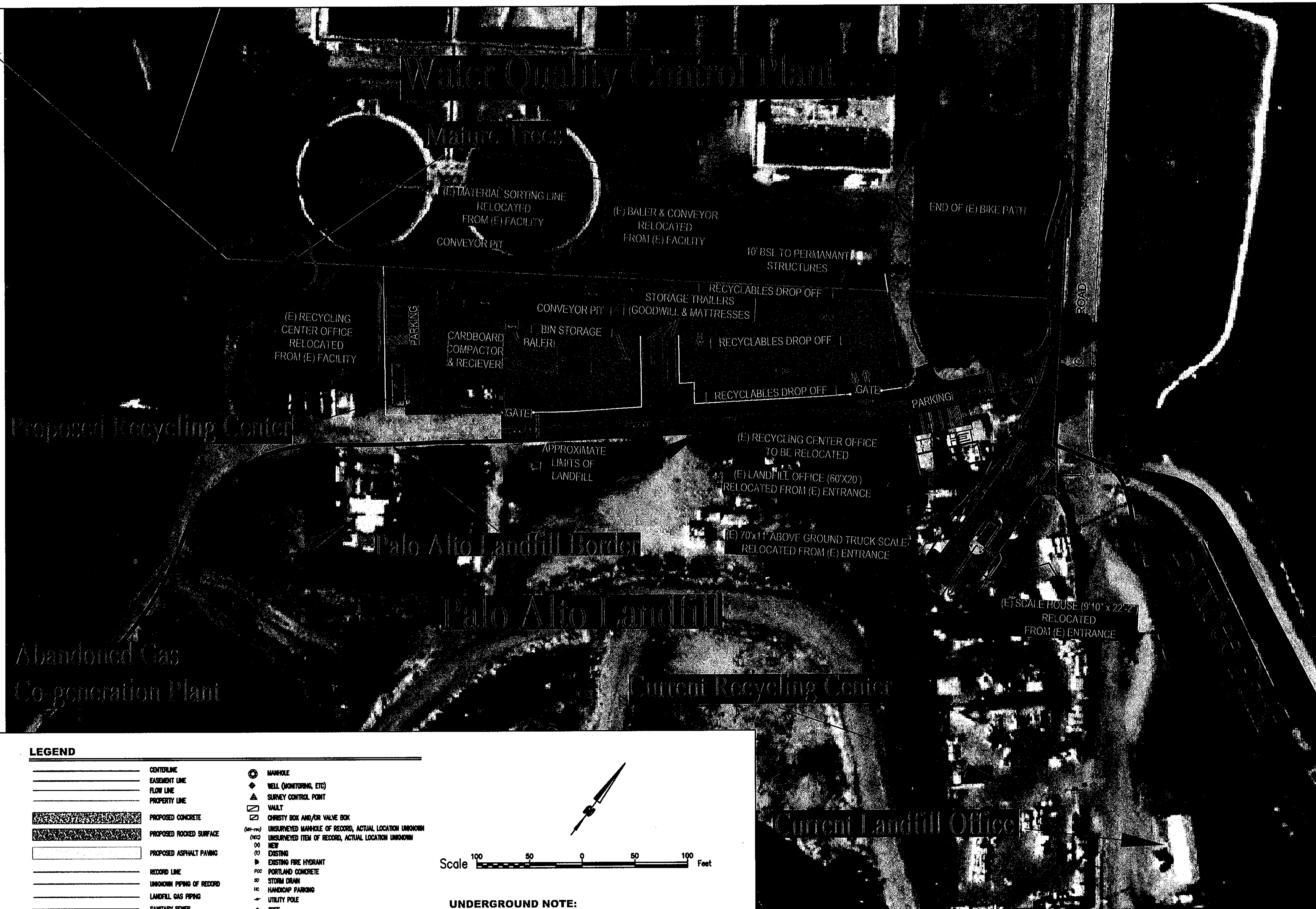
ATTACHMENT H



LEGEND

CENTERLINE	◎ MANHOLE
EASEMENT LINE	◆ WELL (MONITORING, ETC)
FLOW LINE	▲ SURVEY CONTROL POINT
PROPERTY LINE	▨ VAULT
▩ PROPOSED CONCRETE	▨ CHRISTY BOX AND/OR VALVE BOX
▩ PROPOSED ROCKED SURFACE	(MH-rec) UNSURVEYED MANHOLE OF RECORD, ACTUAL LOCATION UNKNOWN
▭ PROPOSED ASPHALT PAVING	(REC) UNSURVEYED ITEM OF RECORD, ACTUAL LOCATION UNKNOWN
RECORD LINE	(N) NEW
UNKNOWN PIPING OF RECORD	(E) EXISTING
LANDFILL GAS PIPING	● EXISTING FIRE HYDRANT
SANITARY SEWER	PCC PORTLAND CONCRETE
STORM DRAIN AND CATCH BASIN	SD STORM DRAIN
—18— FUTURE LANDFILL CLOSURE CONTOUR	HC HANDICAP PARKING
LIMITS OF LANDFILL	UTILITY POLE
	● TREE
	BSL BUILDING SETBACK LINE

Scale 100 50 0 50 100 Feet

UNDERGROUND NOTE:

UNDERGROUND ITEMS ARE SHOWN AS POTENTIAL LOCATION.
THESE LOCATIONS ARE APPROXIMATE AND WILL VARY.
NO ACTUAL UNDERGROUND LOCATION IS IMPLIED.
THIS MAP IS NOT A RECORD OF SURVEY.
ACTUAL LOCATION SHOULD BE FIELD VERIFIED BEFORE START OF ANY WORK.

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REGISTERED PROFESSIONAL ENGINEER DALE S. SOLHEIM CIVIL STATE OF CALIFORNIA

City of PALO ALTO

LANDFILL FACILITIES RELOCATION
PALO ALTO LANDFILL
SITE PLAN

CITY OF PALO ALTO
PUBLIC WORKS DEPARTMENT

Job No: 06-1308
Drawn By: VAD
Checked By: DS
Date: 1-31-07

Revisions
Rev-1 RTN 09-07-07

Sheet Number
PA-1

CONSTRUCTION PLANS
LANDFILL FACILITIES RELOCATION
PALO ALTO LANDFILL
2380 EMBARCADERO ROAD
PALO ALTO, CALIFORNIA

APN# 008-05-005

LOCATION MAP
SCALE: 1" = 150'

GENERAL NOTES

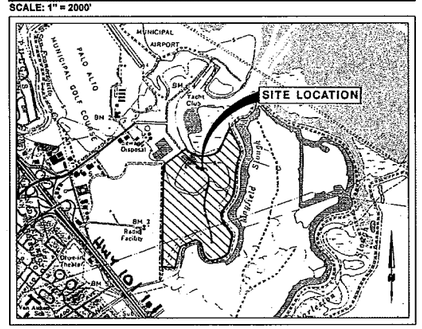
1. THESE CONSTRUCTION PLANS SHALL BE USED IN CONJUNCTION WITH THE TECHNICAL SPECIFICATIONS, ENTITLED "LANDFILL FACILITIES RELOCATION, PALO ALTO LANDFILL". ALL CONSTRUCTION MATERIALS, WORKMANSHIP, AND METHODS SHALL CONFORM WITH THESE TECHNICAL SPECIFICATIONS.
2. THE PROJECT GENERALLY CONSISTS OF SELECTIVE SITE DEMOLITION, RELOCATION OF EXITING STRUCTURES AND EQUIPMENT, AND CONSTRUCTION OF NEW STORAGE BUILDING AND ASSOCIATED SITE WORK.
3. ALL NEW CONSTRUCTION SHALL BE GOVERNED BY APPLICABLE CODES AND ORDINANCES OF THE CITY OF PALO ALTO, INCLUDING ALL APPLICABLE STATE AND FEDERAL REGULATIONS, AND IT SHALL BE THE RESPONSIBILITY OF EACH SUBCONTRACTOR TO BE IN FULL COMPLIANCE REGARDLESS OF ANY DISCREPANCIES THAT MAY EXIST WITHIN THE DRAWINGS OR SPECIFICATIONS. IT SHALL BE THE RESPONSIBILITY OF EACH SUBCONTRACTOR TO CONTACT THE GENERAL CONTRACTOR WHO, IN TURN SHALL CONTACT THE ENGINEER PRIOR TO PERFORMANCE, IF A CONFLICT EXISTS BETWEEN PORTIONS OF THE DOCUMENTS OR WORK AND APPLICABLE CODES AND ORDINANCES, OR ANY OTHER APPARENT CONFLICTS OR DISCREPANCIES WITHIN THE DRAWINGS OR SPECIFICATIONS.
4. CONSTRUCTION ACTIVITY MAY OCCUR BETWEEN THE HOURS OF 8:00 AM TO 7:00 PM, MONDAY THROUGH SATURDAY.
5. THESE DRAWINGS SHALL NOT BE SCALED. ALL WORK IS GOVERNED BY THE DIMENSIONS INDICATED ON THE DRAWINGS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR AND ENGINEER PRIOR TO PROCEEDING WITH THE WORK.
6. DETAILS NOT SPECIFICALLY SHOWN SHALL BE OF THE SAME NATURE AS OTHER SIMILAR CONDITIONS SO DETAILED.
7. INSTALL FIRE EXTINGUISHERS AS REQUIRED BY CODES AND CITY REGULATIONS. VERIFY LOCATIONS WITH THE FIRE MARSHAL. ALL FIRE EXTINGUISHERS SHALL BE 4A60BC.
8. COORDINATE ALL EQUIPMENT REQUIREMENTS WITH OWNER.
9. CONTRACTOR SHALL APPLY FOR AND SECURE A BUILDING PERMITS FROM THE CITY OF PALO ALTO. PLAN CHECK AND INSPECTION FEES WILL BE PAID BY THE CITY.
10. APPLICABLE BUILDING CODES:

    CALIFORNIA BUILDING CODE 2001 EDITION
    AMERICANS WITH DISABILITIES ACT ACCESSIBLE GUIDELINES
    CALIFORNIA FIRE CODE 2001 EDITION
    CALIFORNIA ELECTRICAL CODE 2001 EDITION
    CALIFORNIA PLUMBING CODE 2001 EDITION
    ALL LOCAL AMENDMENTS TO ABOVE CODES

11. PROJECT DATA:

    OWNER: CITY OF PALO ALTO
    ADDRESS: 2510, EMBARCADERO ROAD, PALO ALTO, CA
    OCCUPANCY: STORAGE BUILDING (S-1); MODULAR UNITS (B)
    BUILDING AREA: STORAGE BUILDING (1,200 SF)
    TYPE OF CONSTRUCTION: STORAGE BUILDING (V-N)
    FIRE SPRINKLERS: NONE

VICINITY MAP
SCALE: 1" = 2000'



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DRAWING INDEX

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City of PALO ALTO

PUBLIC WORKS DEPARTMENT

LANDFILL FACILITIES RELOCATION
PALO ALTO LANDFILL
TITLE SHEET
CITY OF PALO ALTO

Job No: 06-1308
Drawn By: SGH
Checked By: DS
Date: 4-20-2007

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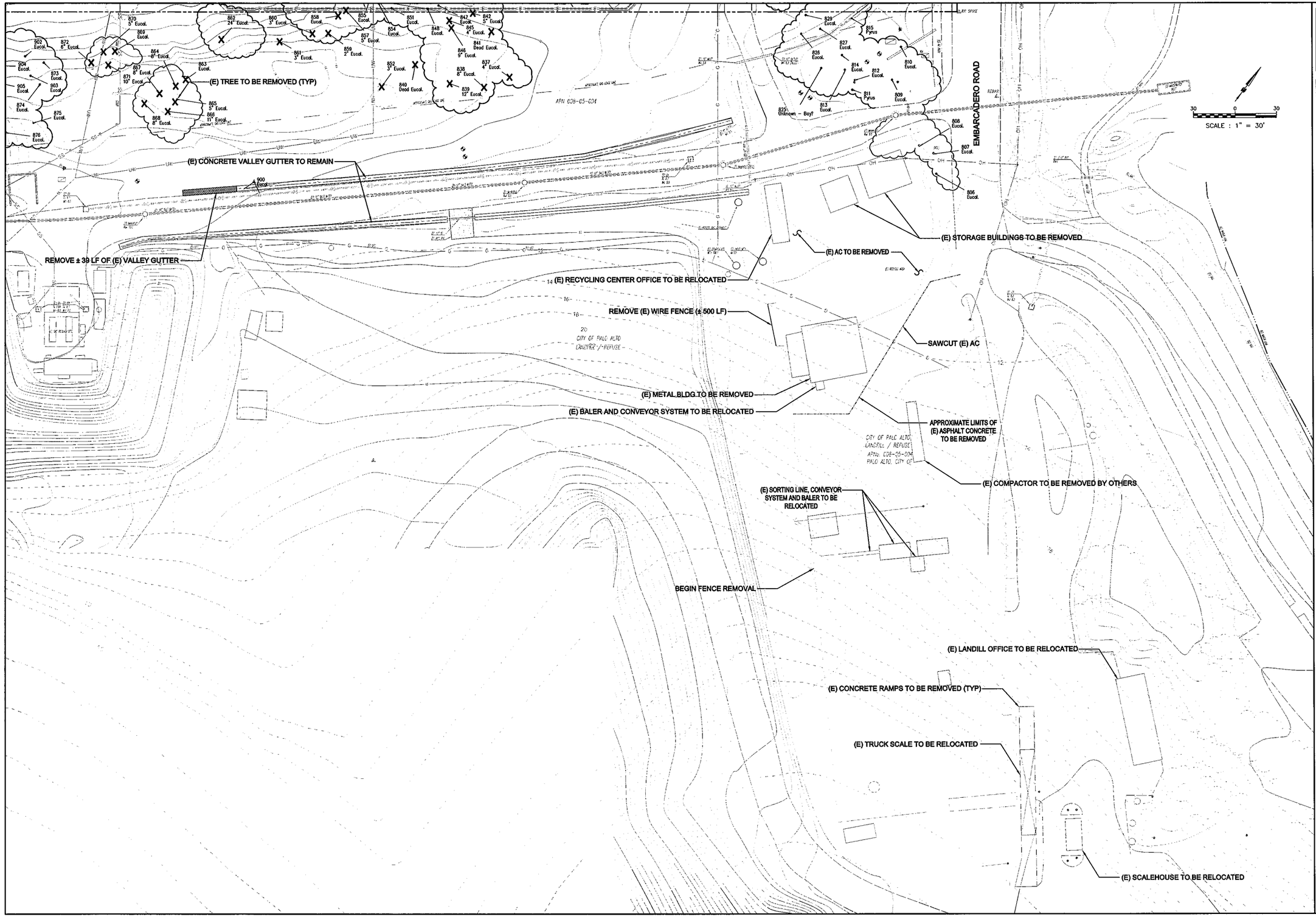
Sheet Number
G-1
of 1



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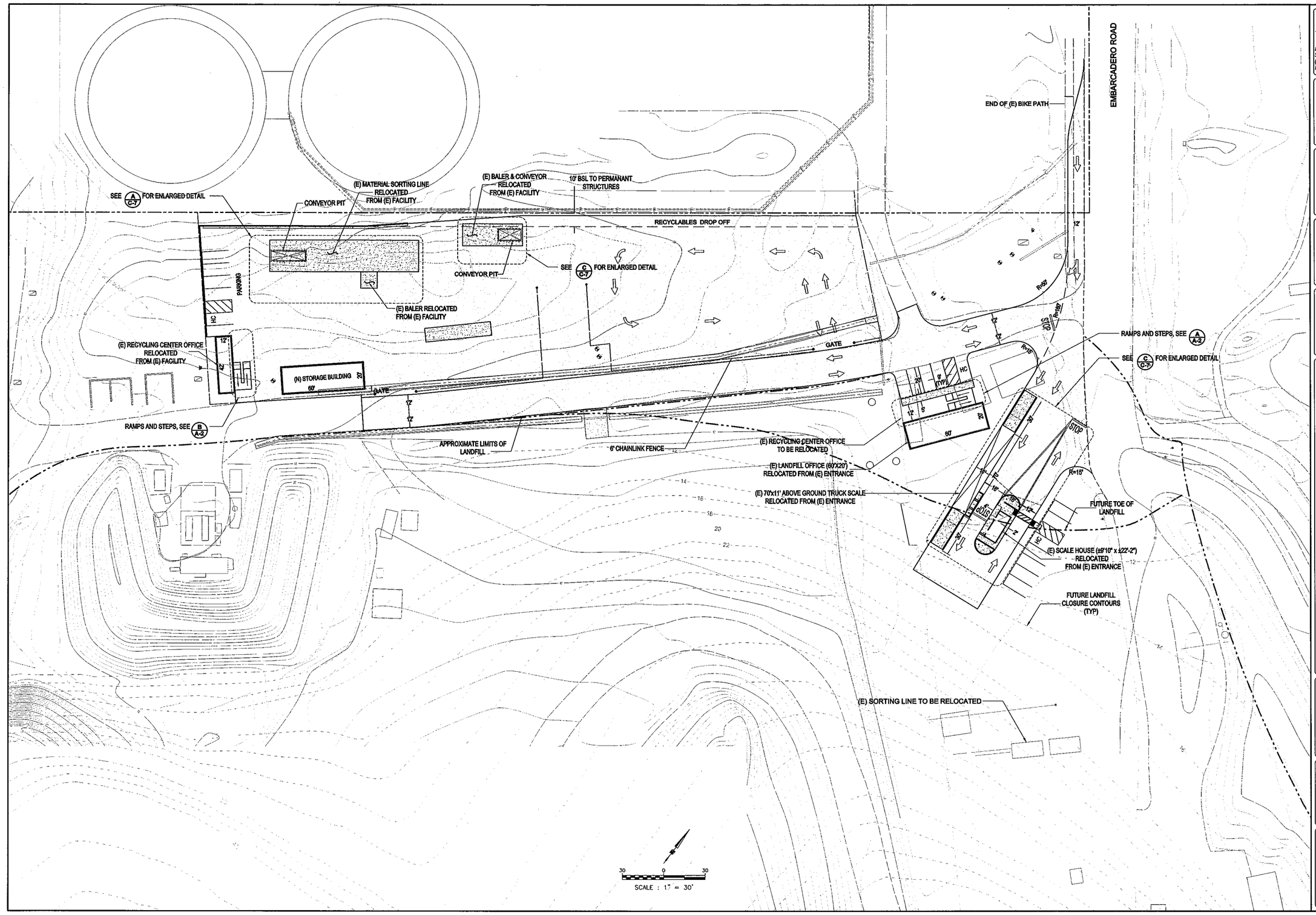
PUBLIC WORKS DEPARTMENT

LANDFILL FACILITIES RELOCATION
PALO ALTO LANDFILL
DEMOLITION PLAN
CITY OF PALO ALTO

Job No:	06-1308
Drawn By:	VAD
Checked By:	DS
Date:	4-28-2007

Revisions

Sheet Number
D-1
of 1



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PUBLIC WORKS DEPARTMENT

LANDFILL FACILITIES RELOCATION
PALO ALTO LANDFILL
SITE PLAN

CITY OF PALO ALTO

Job No: 06-1308
Drawn By: VAD
Checked By: DS
Date: 4-28-2007

Revisions

Sheet Number
C-1
of 1

GENERAL NOTES

1. ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE REQUIREMENTS OF THE CITY OF PALO ALTO. ALL REFERENCES TO STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS SHALL REFER TO THE MAY, 2006 EDITION OF THE STANDARD SPECIFICATIONS. ATTENTION IS ALSO DIRECTED TO THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD PLANS WHICH, WHEN APPLICABLE, ARE INCLUDED IN THESE DRAWINGS AND REFERENCED BY STANDARD PLAN NUMBER.
2. PUBLIC SAFETY AND TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH CITY REQUIREMENTS AND AS DIRECTED BY THE ENGINEER. SAFE VEHICULAR AND PEDESTRIAN ACCESS SHALL BE PROVIDED AT ALL TIMES DURING CONSTRUCTION.
3. A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR SHALL DO ALL FIELD STAKING AT THE EXPENSE OF THE CONTRACTOR.
4. ANY DISCREPANCY DISCOVERED BY THE CONTRACTOR IN THESE PLANS OR ANY FIELD CONDITIONS DISCOVERED BY THE CONTRACTOR THAT MAY DELAY OR OBSTRUCT THE PROPER COMPLETION OF THE WORK PER THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY UPON DISCOVERY. SAID NOTIFICATION SHALL BE IN WRITING.
5. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, GENERAL CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE T APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
6. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS. MONUMENTS AND SURVEY MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
7. CONTRACTOR SHALL MAINTAIN ADEQUATE DUST CONTROL PER SECTION 10, CALTRANS STANDARD SPECIFICATIONS.
8. THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY OF PALO ALTO FOR WORK WITHIN THE PUBLIC RIGHT OF WAY PRIOR TO CONSTRUCTION.
9. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING NOISE, ODORS, DUST, AND DEBRIS TO MINIMIZE IMPACTS ON SURROUNDING PROPERTIES AND ROADWAYS. CONTRACTOR SHALL BE RESPONSIBLE THAT ALL CONSTRUCTION EQUIPMENT IS EQUIPPED WITH MANUFACTURER'S APPROVED MUFFLER BAFFLES. FAILURE TO DO SO MAY RESULT IN THE ISSUANCE OF AN ORDER TO STOP WORK.
10. CONTRACTOR SHALL INDEPENDENTLY REVIEW GROUND, TOPOGRAPHY, AND EXISTING CONDITIONS THROUGHOUT THE LIMITS OF WORK, AND ASSUME WHOLLY AND UNCONDITIONALLY THE RISK OF COMPLETING THE WORK SET OUT ON THESE PLANS, REGARDLESS OF ROCK, WATER TABLE, OR OTHER CONDITIONS WHICH THE CONTRACTOR MAY ENCOUNTER IN THE COURSE OF THE WORK.
11. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE LAYING OUT THE WORK AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE STARTING WORK. HE SHALL BE RESPONSIBLE FOR ANY ERRORS RESULTING FROM HIS FAILURE TO DO SO.
12. DIMENSION TAKE PRECEDENCE OVER SCALE, DO NOT SCALE DRAWINGS. ALL DIMENSIONS ARE TO FACE OF CONCRETE, FACE OF CURB, UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

1. ALL ASPHALT CONCRETE SURFACES SHALL BE SAW CUT ONE-FOOT MINIMUM INSIDE THE EDGE OF PAVEMENT TO A NEAT, STRAIGHT LINE AND REMOVED. THE EXPOSED EDGE SHALL BE SEALED WITH EMULSION PRIOR TO PAVING. THE EXPOSED BASE MATERIAL SHALL BE GRADED, RECOMPACTED AND RESEALED PRIOR TO PAVING.
2. AFTER STRIPPING THE DEBRIS, ANY EXISTING LOOSE FILL, UNSUITABLE SOIL, SILTY SAND DEPOSITS, OR DISTURBED SOILS SHALL BE EXCAVATED AND PROPERLY DISPOSED OF TO THE SATISFACTION OF THE ENGINEER.
3. ASPHALT CONCRETE SHALL BE TYPE A, ½" MAXIMUM MEDIUM GRADING AND CONFORM TO SECTION 39 OF THE STANDARD SPECIFICATIONS. ASPHALT PLACED FOR THE NEW ROADWAY SHALL BE MATCHED TO GRADE WITH AN AGGREGATE BASE SHOULDER. THIS SHOULDER BACKING SHALL BE A MINIMUM OF ONE FOOT WIDE OR MATCH THE PLANS, WHICHEVER IS GREATER.
4. THE AGGREGATE BASE SHALL BE CLASS 2, 3/4" MAXIMUM GRADING FOR THE UPPER SIX INCHES. THE DEPTH BELOW SIX INCHES MAY BE CLASS 2, 1-1/2" MAXIMUM GRADING. AGGREGATE BASE SHALL CONFORM TO SECTION 26 OF THE STANDARD SPECIFICATIONS.
5. THE SUBGRADE AND AGGREGATE BASE SHALL BE COMPACTED TO A RELATIVE COMPACTION OF AT LEAST 90% AND 95% RESPECTIVELY.
6. CONCRETE FOR CURBS, SIDEWALKS, AND EQUIPMENT PADS SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS AND SHALL CONTAIN NOT LESS THAN SIX SACKS OF CEMENT PER CUBIC YARD. MAXIMUM SLUMP OF THE CONCRETE SHALL BE 4 INCHES AS DETERMINED IN ACCORDANCE WITH ASTM C0143.

BENCHMARK

BASIS OF ELEVATIONS ARE PER TOPOGRAPHIC SURVEY PROVIDED BY THE CITY OF PALO ALTO. TEMPORARY BENCHMARK LOCATIONS ARE ELEVATIONS FOR CONSTRUCTION STAKING WILL BE PROVIDED BY THE CITY.

GRADING NOTES

1. ALL EARTHWORK AND SITE GRADING SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL INVESTIGATION, PREPARED BY JENSEN-VAN LIENDEN ASSOCIATES TITLED GEOTECHNICAL RECOMMENDATIONS, DATED APRIL 6, 2007.
2. THE SITE IS GRADED TO BEST FIT WITH THE SURROUNDING CONDITIONS AND PLANNED DEVELOPMENT. THE CONTRACTOR SHALL PERFORM EARTHWORK CALCULATIONS AS DEEMED NECESSARY WHICH ACCOUNT FOR PROPOSED METHODS OF GRADING AND TRENCHING. THE AMOUNT OF EARTH MOVED IS VARIABLE DEPENDENT ON, AMONG OTHER THINGS, THE CONTRACTOR'S METHODS OF OPERATION, COMPACTION, CONSOLIDATION, STRIPPING, AND UTILITY TRENCHING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY IMPORT OF MATERIAL NEEDED TO ACHIEVE THE PLAN GRADES.
3. STRIPPING FROM THE SITE SHALL BE STOCKPILED AND SUITABLE MATERIALS USED FOR TOPSOIL IN LANDSCAPED AREAS.
4. EXCESS SOIL IS TO BE PLACED ADJACENT TO THE PROJECT SITE ON THE LANDFILL AS DIRECTED BY THE ENGINEER.
5. THE COORDINATION FOR SOIL COMPACTION TESTING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

GENERAL UTILITY NOTES

1. NO GUARANTEE IS INTENDED THAT UNDERGROUND OBSTRUCTIONS, NOT SHOWN ON THE PLANS, MAY NOT BE ENCOUNTERED. UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE BASED UPON THE BEST INFORMATION AVAILABLE. CONTRACTOR SHALL UNCOVER BURIED UTILITES TO VERIFY LOCATIONS AND ELEVATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENFINEER OF UTILITIES CONFLICTING WITH THE PROPOSED CONSTRUCTION.
2. THE CONTRACTOR IS HEREBY NOTIFIED THAT PRIOR TO COMMENCING CONSTRUCTION, HE IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES FOR VERIFICATION AT THE CONSTRUCTION SITE OF THE LOCATIONS OF ALL UNDERGROUND FACILITIES WHERE SUCH FACILITIES MAY POSSIBLE CONFLICT WITH THE PLACEMENT OF THE IMPROVEMENTS SHOWN ON THESE PLANS. CALL "UNDERGROUND SERVICE ALERT" AT 800-227-2600 TWO (2) DAYS MINIMUM TO FOURTEEN (14) DAYS MAXIMUM BEFORE ANY EXCAVATION IS STARTED.
3. THE CONTRACTOR SHALL SECURE A PERMIT FROM THE CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS, DIVISION OF OCCUPATIONAL SAFETY AND HEALTH FOR THE CONSTRUCTION OF A TRENCH OR EXCAVATION WHICH IS FIVE FEET OR DEEPER AND INTO WHICH A PERSON IS REQUIRED TO DESCEND.
4. ALL UNDERGROUND IMPROVEMENTS SHALL BE INSTALLED AND APPROVED PRIOR TO PAVING.
5. DISTANCE AND INVERT GRADES OF UTILITY LINES SHOWN ARE TO THE CENTER LINE OF INLETS, CATCH BASINS, AND MANHOLES. DISTANCES ARE HORIZONTAL.

UTILITY NOTES

STORM DRAIN

1. STORM DRAIN LINES SHALL BE SMOOTH WALL HIGH DENSITY POLYETHYLENE (HDPE) WITH POSITIVE, WATERTIGHT JOINTS CONFORMING TO CALTRANS STANDARD SPECIFICATION SECTION 64, TYPE S OR CLASS III RCP CONFORMING TO THE STANDARD SPECIFICATIONS SECTION 65.
2. PIPE BACKFILL MATERIAL, FILLED AND COMPACTED TO ONE FOOT OVER THE TOP OF PIPE SHALL CONFORM TO THE FOLLOWING SPECIFICATION:

PERCENT PASSING ¾" SIEVE	100
PERCENT PASSING 3/8" SIEVE	80 - 100
PERCENT PASSING NO. 4 SIEVE	30 - 70
PERCENT PASSING NO. 16 SIEVE	5 - 40
PERCENT PASSING NO. 200 SIEVE	0 - 4

3. TRENCH BACKFILL MATERIAL FROM ONE FOOT ABOVE TOP OF PIPE SHALL BE STRUCTURE BACKFILL MATERIAL AND SHALL BE CLASS 2 AGGREGATE BASE COMPACTED TO 95% RELATIVE COMPACTION.
4. STORM DRAIN INLETS SHALL BE IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS.

SEWER

5. SEWER PIPE AND LATERALS SHALL BE PVC SDR 26.
6. WHERE CONNECTION IS T BE MADE TO AN EXISTING SEWER OR STRUCTURE, SAID EXISTING SEWER OR STRUCTURE SHALL BE UNCOVERED AND CHECKED FOR LOCATION AND ELEVATION PRIOR TO ANY INSTALLATION. ANY DISCREPANCY BETWEEN THE PLANS AND FIELD INFORMATION SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.

EROSION PREVENTION AND SEDIMENT CONTROL NOTES

1. INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION OF SIGNIFICANT EROSION AND SILTATION ENTERING THE STORM DRAIN SYSTEM, NATURAL DRAINAGE COURSES AND/OR INTRUDING UPON ADJACENT ROADWAYS AND PROPERTIES. WINTERIZATION AND EROSION CONTROL SHOWN ON THESE PLANS IN INTENDED AS A GUIDE. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS DETERMINED IN THE FIELD AND APPROVED BY THE ENGINEER. THIS RESPONSIBILITY SHALL APPLY THROUGHOUT THE COURSE OF CONSTRUCTION AND UNTIL ALL DISTURBED AREAS HAVE BECOME STABILIZED AND SHALL NO THE LIMITED TO WET WEATHER PERIODS.
2. ALL EROSION CONTROL MEASURES SHALL CONFORM WITH THE EROSION PREVENTION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES CONTAINED IN THE LATEST EDITIONS OF THE FOLLOWING PUBLICATIONS OR AN EQUIVALENT BEST MANAGEMENT PRACTICE:
   - CONSTRUCTION SITE BEST MANAGEMENT PRACTICES MANUAL BY CALTRANS.
   - EROSION AND SEDIMENT CONTROL FIELD MANUAL BY THE SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD.
   - MANUAL OF STANDARDS FOR EROSION & SEDIMENT CONTROL MEASURES BY THE ASSOCIATION OF BAY AREA GOVERNMENTS.
   - STORM WATER BEST MANAGEMENT PRACTICE HANDBOOK BY THE CALIFORNIA STORM WATER QUALITY ASSOCIATION.
3. IF DISCREPANCIES OCCUR BETWEEN THESE NOTES, MATERIAL REFERENCED HEREIN OR MANUFACTURER'S RECOMMENDATIONS, THEN THE MOST PROTECTIVE SHALL APPLY.
4. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT NO. CAS000002 WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES OF STORM WATER RUNOFF ASSOCIATED WITH CONSTRUCTION ACTIVITY DISTURBING LAND EQUAL TO OR GREATER THAN ONE ACRE. CONSTRUCTION ACTIVITIES INCLUDE BUT ARE NOT LIMITED TO CLEARING, GRADING, EXCAVATION, STOCKPILING, AND RECONSTRUCTION OF EXISTING FACILITIES INVOLVING REMOVAL AND REPLACEMENT.
5. PRESERVATION OF EXITING VEGETATION SHALL OCCUR TO THE MAXIMUM EXTENT PRACTICABLE.
6. PURSUANT TO THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM, THE CONTRACTOR IS RESPONSIBLE FOR PREVENTING STORM WATER POLLUTION GENERATED FROM THE CONSTRUCTION SITE YEAR ROUND. THE CONTRACTOR MUST IMPLEMENT AN EFFECTIVE COMBINATION OF EROSION PREVENTION AND SEDIMENT CONTROL ON ALL DISTURBED AREAS DURING THE RAINY SEASON (OCTOBER 15 - APRIL15).
7. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR BEFORE FORCASTED STORM EVENTS AND AFTER ACTUAL STORM EVENTS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY. STORM EVENTS PRODUCE AT LEAST ONE INCH OF PRECIPITATION IN A 24 HOUR PERIOD. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES THAT HAVE FAILED OR ARE NO LONGER EFFECTIVE SHALL BE PROMPTLY REPLACED. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED.
8. CHANGES TO THE EROSION PREVENTION AND SEDIMENT CONTROL PLAN MAY BE MADE TO RESPOND TO FIELD CONDITIONS. CHANGES SHALL BE NOTED ON THE PLAN WHEN MADE.
9. DISCHARGES OF POTENTIAL POLLUTANTS FROM CONSTRUCTION SITES SHALL BE PREVENTED USING SOURCE CONTROLS TO THE MAXIMUM EXTENT PRACTICABLE. POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SEDIMENT, TRASH, NUTRIENTS, PATHOGENS, PETROLEUM HYDROCARBONS, METALS, CONCRETE, CEMENT, ASPHALT, LIME, PAINT, STAINS, GLUES, WOOD PRODUCTS, PESTICIDES, HERBICIDES, CHEMICALS, HAZARDOUS WASTE, SANITARY WASTE, VEHICLE OR EQUIPMENT WASH WATER, AND CHLORINATED WATER.
10. ENTRANCE(S) TO THE CONSTRUCTION SITE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF POTENTIAL POLLUTANTS OFFSITE. POTENTIAL POLLUTANTS DEPOSITED ON PAVED AREAS WITHIN THE CITY RIGHT-OF-WAY, SUCH AS ROADWAYS AND SIDEWALKS, SHALL BE PROPERLY DISPOSED OF AT THE END OF EACH WORKING DAY OR MORE FREQUENTLY AS NECESSARY.
11. EXPOSED SLOPES SHALL BE PROTECTED BY USING EROSION PREVENTION MEASURES TO THE MAXIMUM EXTENT PRACTICABLE, SUCH AS ESTABLISHING 70% VEGETATION COVERAGE, HYDROSEEDING, STRAW MULCH, GEOTEXTILES, PLASTIC COVERS, BLANKETS, OR MATS.
12. WHENEVER IT IS NOT POSSIBLE TO UTILIZE EROSION PREVENTION MEASURES, EXPOSED SLOPES SHALL EMPLOY SEDIMENT CONTROL DEVICES, SUCH AS FIBER ROLLS AND SILT FENCES. FIBER ROLLS AND SILT FENCES SHALL BE TRENCHED AND KEYED INTO THE SOIL AND INSTALLED ON CONTOUR OR AS SHOWN ON THE EROSION CONTROL PLAN. SILT FENCES SHALL BE INSTALLED APPROXIMATELY TWO TO FIVE FEET FROM TOE OF SLOPE.
13. THE CONTRACTOR SHALL PROTECT STORM DRAIN INLETS FROM POTENTIAL POLLUTANTS UNTIL DRAINAGE CONVEYANCE SYSTEMS ARE FUNCTIONAL AND CONSTRUCTION HAS BEEN COMPLETED.
14. ENERGY DISSIPATERS SHALL BE INSTALLED AT STORM DRAIN OUTLETS WHICH MAY CONVEY STORM WATER FLOW LEADING TO SOIL EROSION.
15. SOIL AND MATERIAL STOCKPILES SHALL BE PROPERLY PROTECTED TO MINIMIZE SEDIMENT AND POLLUTANT TRANSPORT FROM THE CONSTRUCTION SITE.
16. SOLID WASTE, SUCH AS TRASH, DISCARDED BUILDING MATERIALS AND DEBRIS, SHALL BE PLACED IN DESIGNATED COLLECTION AREAS OR CONTAINERS. THE CONSTRUCTION SITE SHALL BE CLEARED OF SOLID WASTE DAILY, OR AS NECESSARY, AND REGULAR REMOVAL AND PROPER DISPOSAL SHALL BE ARRANGED.
17. A CONCRETE WASHOUT AREA, SUCH AS A TEMPORARY PIT, SHALL BE DESIGNATED TO CLEAN CONCRETE TRUCKS AND TOOLS. AT NO TIME SHALL CONCRETE PRODUCTS AND WASTE BE ALLOWED TO ENTER COUNTY WATERWAYS SUCH AS CREEKS OR STORM DRAINS.
18. PROPER APPLICATION, CLEANING AND STORAGE OF POTENTIALLY HAZARDOUS MATERIALS, SUCH AS PAINTS AND CHEMICALS, SHALL BE CONDUCTED TO PREVENT THE DISCHARGE OF POLLUTANTS.
19. WHEN UTILIZED, TEMPORARY RESTROOMS AND SANITARY FACILITIES SHALL BE LOCATED AND MAINTAINED TO PREVENT THE DISCHARGE OF POLLUTANTS.
20. APPROPRIATED VEHICLE STORAGE, FUELING, MAINTENANCE AND CLEANING AREAS SHALL BE DESIGNATED AND MAINTAINED TO PREVENT DISCHARGE OF POLLUTANTS.

LEGEND

STORM DRAIN (SEE PLAN FOR SIZE)

- EXISTING DRAIN INLET
- EXISTING STORM DRAIN
- EXISTING STORM DRAIN MANHOLE
- PROPOSED CURB INLET
- PROPOSED DRAIN INLET
- PROPOSED STORM DRAIN
- PROPOSED STORM DRAIN MANHOLE

SANITARY SEWER (SEE PLAN FOR SIZE)

- EXISTING SANITARY SEWER CLEANOUT
- EXISTING SANITARY SEWER
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER CLEANOUT AT SERVICE CONNECT
- PROPOSED SANITARY SEWER
- PROPOSED SANITARY SEWER CLEANOUT

WATER SERVICE (SEE PLAN FOR SIZE)

- FH — EXISTING FIRE HYDRANT
- WS — EXISTING WATER SERVICE
- EXISTING WATER VALVE
- WM — EXISTING WATER METER
- PROPOSED WATER LINE ELBOW
- PROPOSED WATER LINE
- PROPOSED WATER SERVICE
- FH — PROPOSED FIRE HYDRANT
- BO — PROPOSED WATER BLOW-OFF

PLANAMETRICS

- CENTERLINE
- EASEMENT LINE
- FLOW LINE
- PROPERTY LINE
- E — EXISTING UNDERGROUND ELECTIC LINE
- X — FENCE
- ? — LOCATION UNKNOWN
- GB — GRADE BREAK
- BUILDING WALL
- 23 — EXISTING CONTOUR
- PROPOSED CONCRETE PAVING, SIDEWALK OR EQUIPMENT PAD
- PROPOSED ASPHALT PAVING
- PROPOSED CURB
- 1X2 VAULT
- CHRISTY BOX
- EXISTING TREE
- EXISTING TREE TO BE REMOVED
- CENTERLINE MONUMENT
- E / 2 — DETAIL LETTER / SHEET NUMBER

ABBREVIATIONS

AB	AGGREGATE BASE	FL	FLOW LINE	SS	SANITARY SEWER
AD	AREA DRAIN	FND	FOUNDATION	SWK	SIDEWALK
AC	ASPHALT CONCRETE	GALV	GALVANIZED	TB	TOP OF BANK
AFF	ABOVE FINISH FLOOR	G	GROUND	TCS	TOP OF CONCRETE SURFACE
AGG	AGGREGATE	GB	GRADE BREAK	TC	TOP OF CURB
BC	BEGINNING OF CURB	IP	IRON PIPE	TG	TOP OF GRATE
BLDG	BUILDING	INV	INVERT	TOS	TOP OF SLOPE
CB	CATCH BASIN	LSCP	LANDSCAPE	TP	TOP OF PAVEMENT
CF	CURB FACE	LF	LINEAL FEET	TW	TOP OF WALL
CL	CENTER LINE	MH	MANHOLE	TYP	TYPICAL
CO	CLEAN OUT	MAX	MAXIMUM	VEG	VEGETATION
COMP	COMPACTION	MIN	MINIMUM	VC	VERTICAL CURVE
CONC	CONCRETE	NO.	NUMBER		
CP	CONTROL POINT	(N)	NEW		
DIA or Ø	DIAMETER	NIC	NOT IN CONTRACT		
DWNSPT	DOWN SPOUT	NTS	NOT TO SCALE		
DI	DRAIN INLET	OC	ON CENTER		
EA	EACH	PCC	PORTLAND CEMENT CONCRETE		
ELEC	ELECTRICAL	PD	PLANTER DRAIN		
EC	END OF CURVE	PVC	POLYVINYL CHORIDE		
EG	EXISTING GROUND	R	RADIUS		
EL	ELEVATION	RCP	REINFORCED CONCRETE PIPE		
EP	EDGE OF PAVEMENT	REC	RECORD		
(E)	EXISTING	SCH	SCHEDULE		
FX	EXISTING FENCE	SD	STORM DRAIN		
FF	FINISH FLOOR	SAP	SEE ARCHITECTURAL PLANS		
FG	FINISH GRADE	SPP	SEE PLUMBING PLAN		
FIN	FINISH LAYER	SSPN	SEE STRUCTURAL PLAN		
FDC	FIRE DEPARTMENT	SLP	SEE LANDSCAPE PLAN		

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PUBLIC WORKS DEPARTMENT

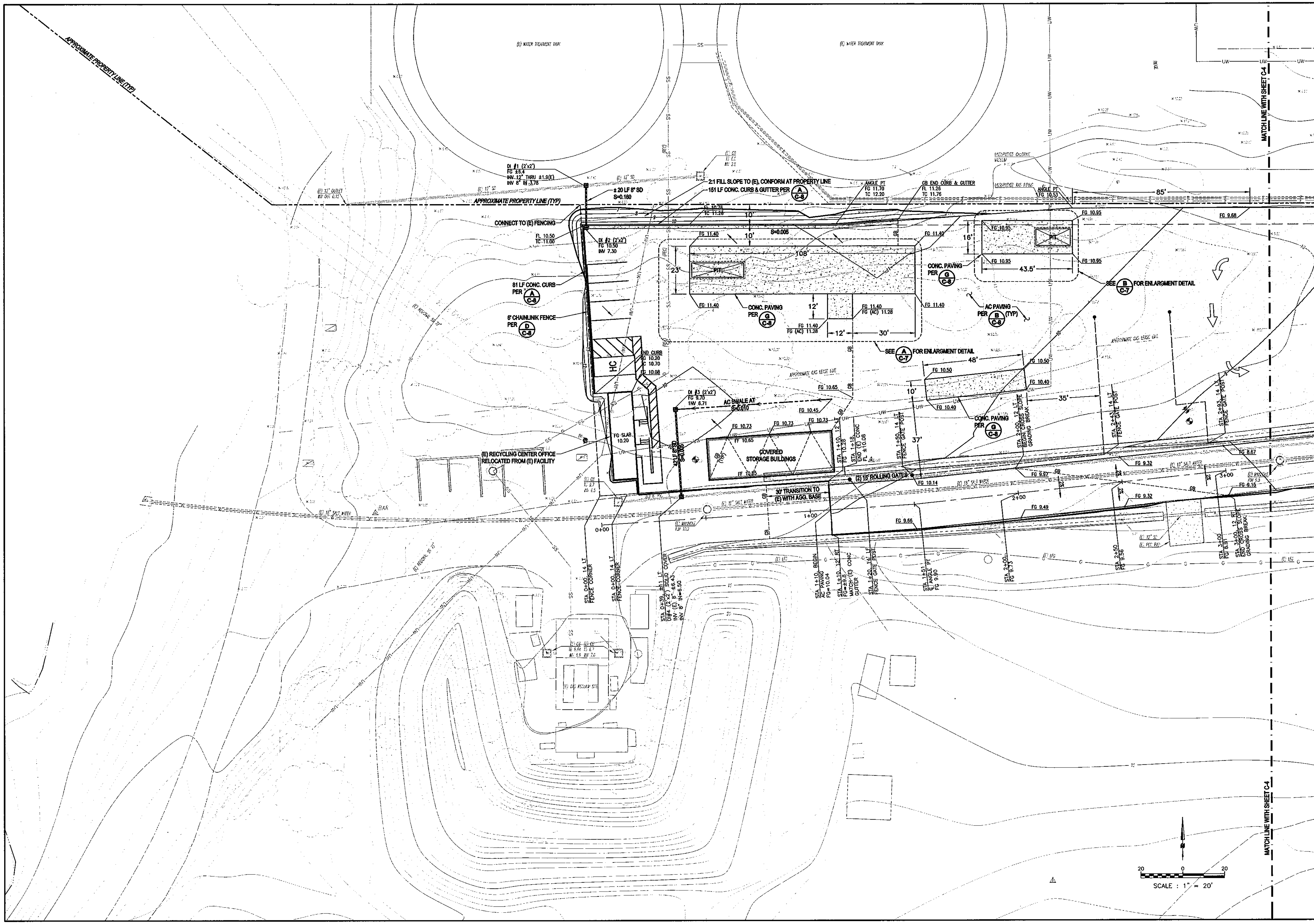
LANDFILL FACILITIES RELOCATION
PALO ALTO LANDFILL
NOTES, LEGEND, ABBREVIATIONS

CITY OF PALO ALTO

Job No: 06-1308
Drawn By: SGH
Checked By: DS
Date: 4-20-2007

Revisions

Sheet Number
C-2
of 1



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LANDFILL FACILITIES RELOCATION
PALO ALTO LANDFILL
GRADING AND DRAINAGE PLAN
CITY OF PALO ALTO

Job No: 06-1308
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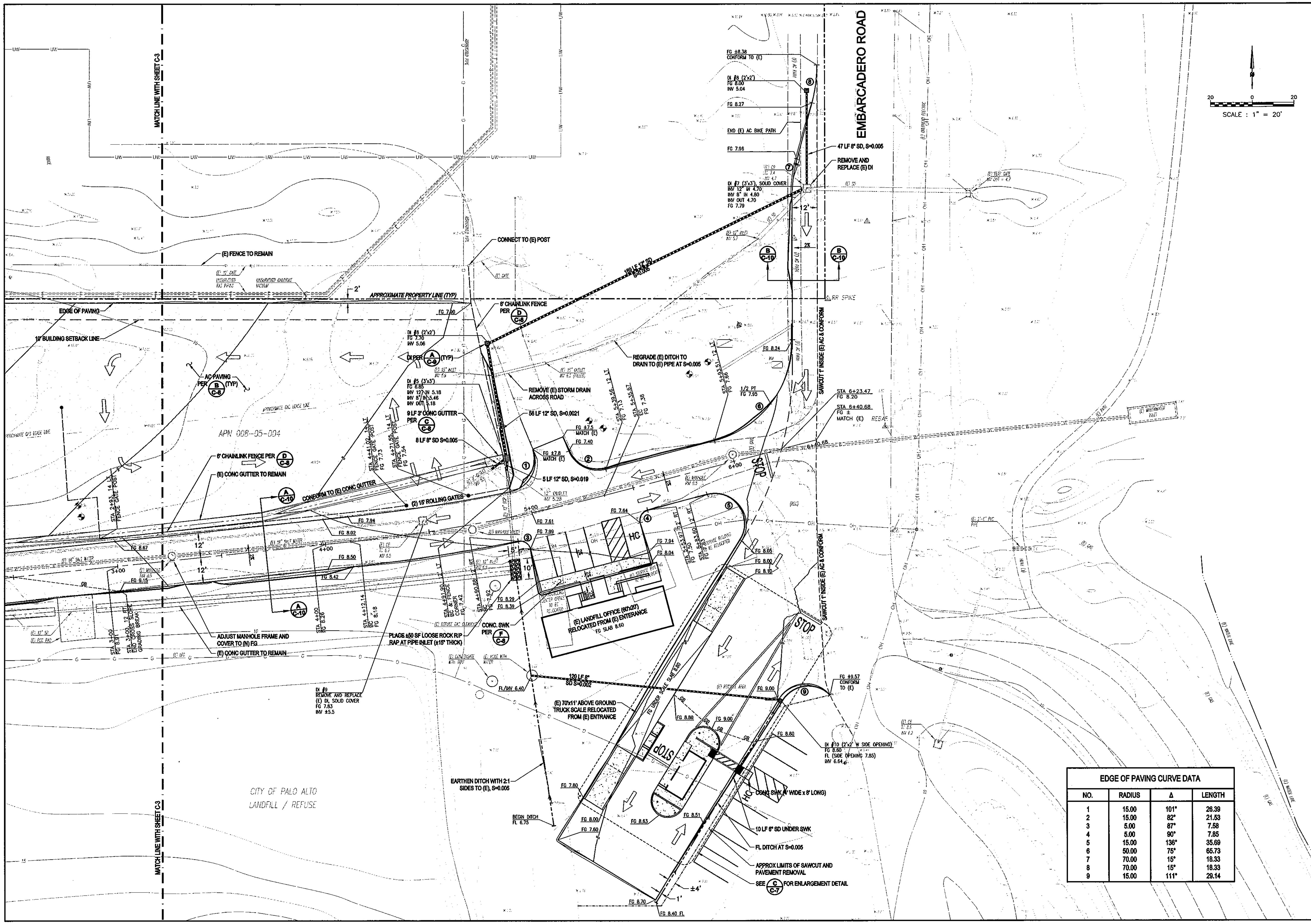
Revisions

Sheet Number
C-3
of 1



EDGE OF PAVING CURVE DATA

NO.	RADIUS	Δ	LENGTH
1	15.00	101°	26.39
2	15.00	82°	21.53
3	5.00	87°	7.58
4	5.00	90°	7.85
5	15.00	136°	35.69
6	50.00	75°	65.73
7	70.00	15°	18.33
8	70.00	15°	18.33
9	15.00	111°	29.14

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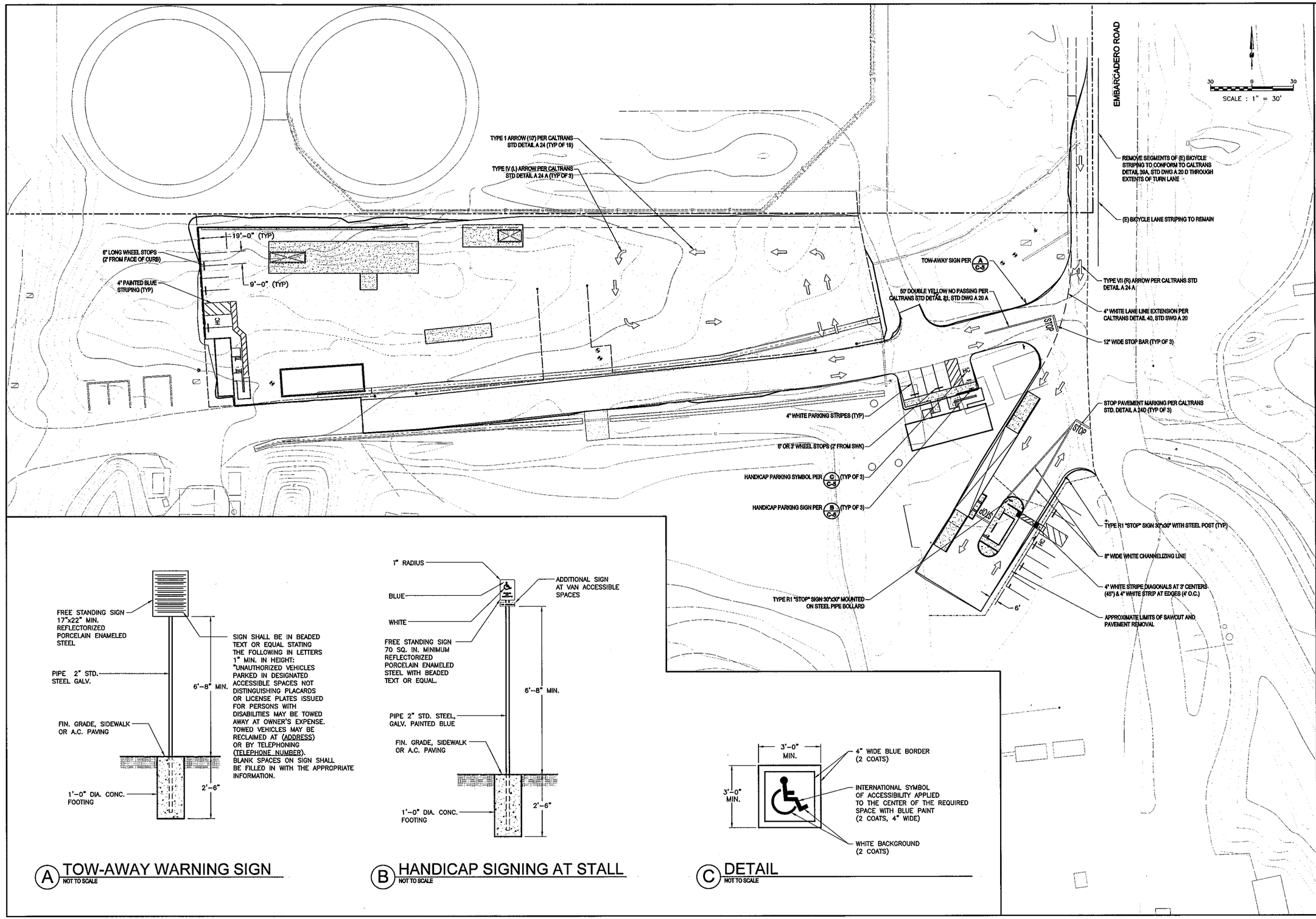
Revisions

Sheet Number
C-4
of 1



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PALO ALTO LANDFILL
STRIPING AND SIGN PLAN

CITY OF PALO ALTO

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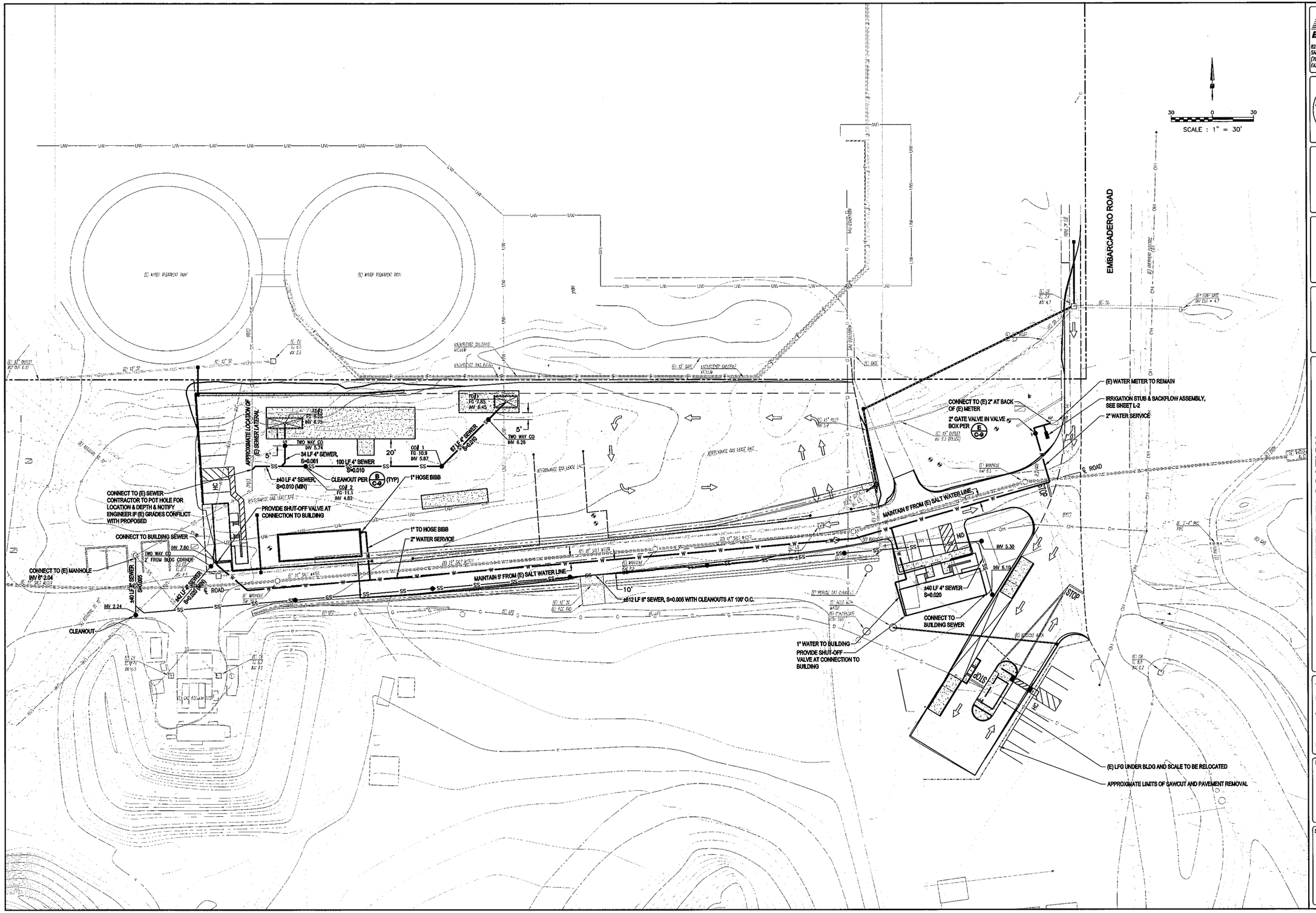
Revisions

Sheet Number
C-5
of 1



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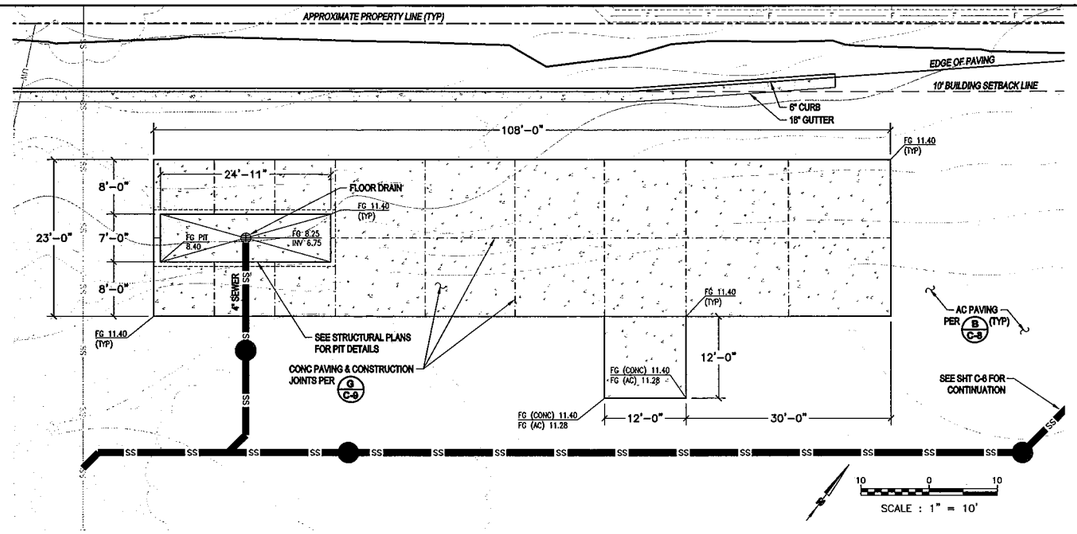
Revisions

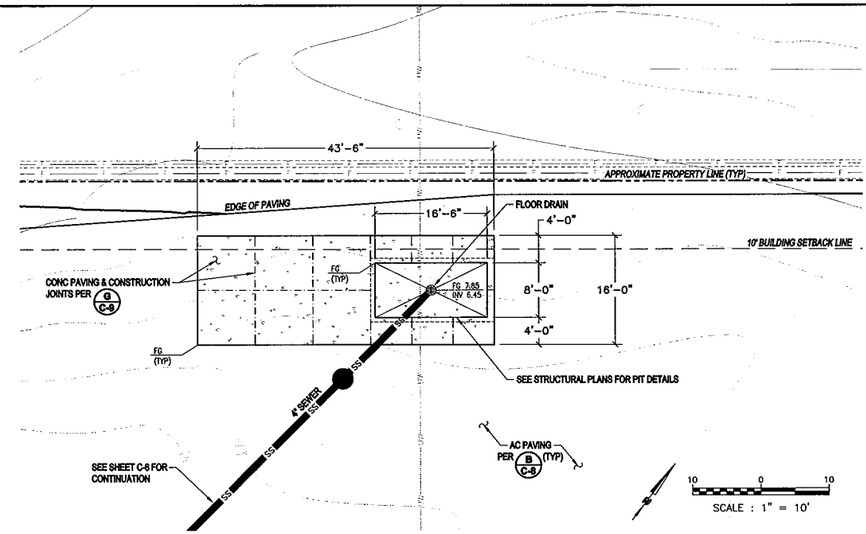
Sheet Number

C-6

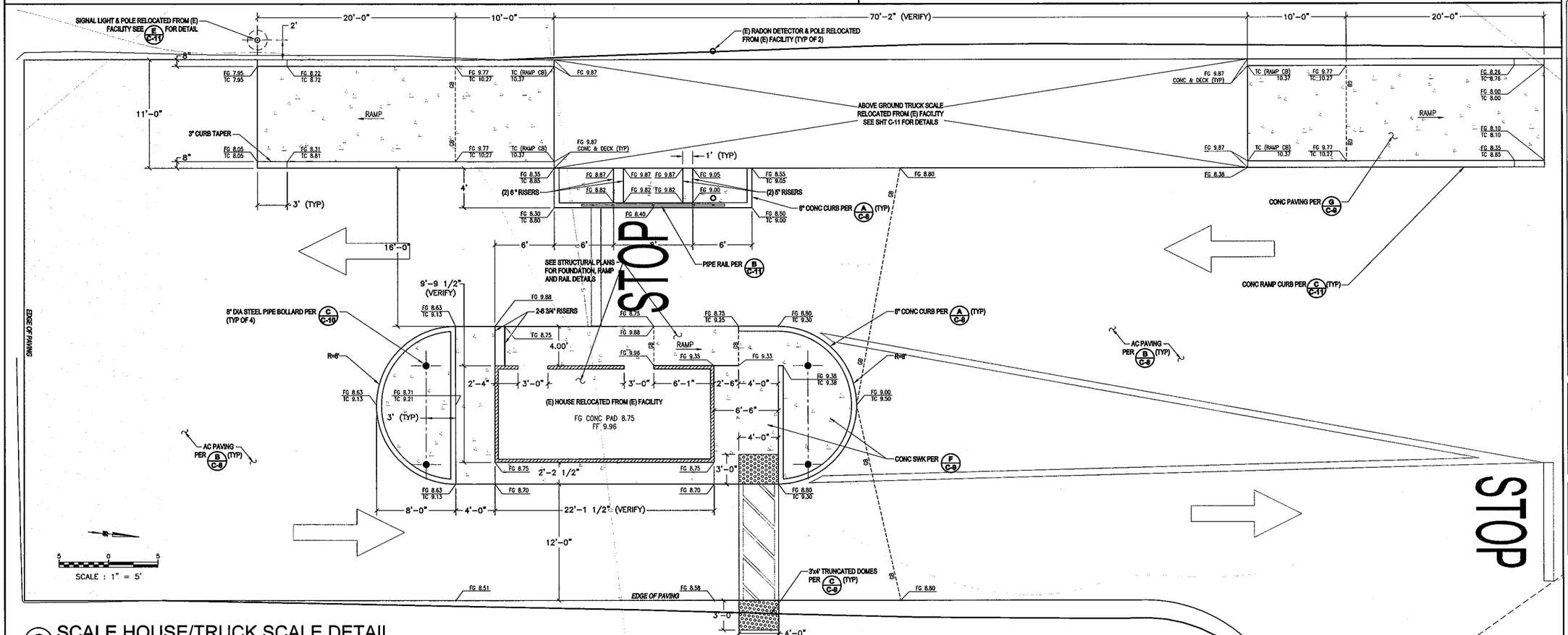
of 1



A MATERIAL SORTING LINE SLAB/PIT DETAIL
SCALE 1" = 10'



B BALER SLAB/PIT DETAILS
SCALE 1" = 10'



C SCALE HOUSE/TRUCK SCALE DETAIL
SCALE 1" = 5'

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Revisions

Sheet Number
C-7
of 1

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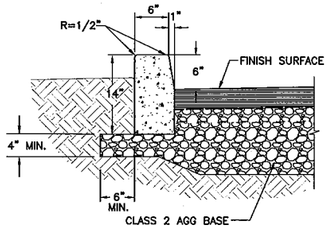
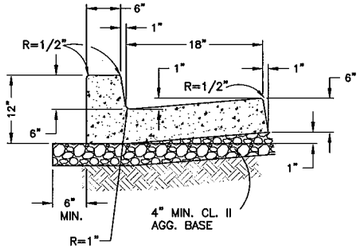
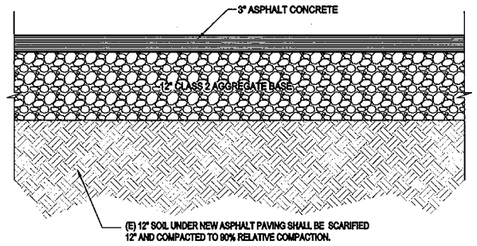
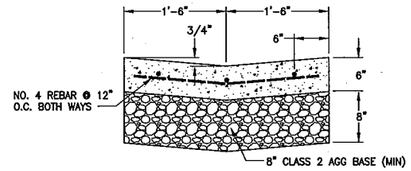




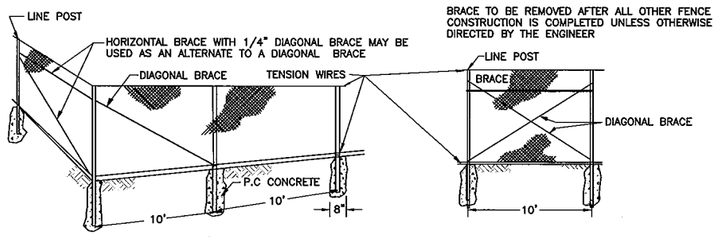
A CURB/CURB & GUTTER DETAILS
NOT TO SCALE



B TYPICAL PAVEMENT DETAIL
NOT TO SCALE



C CONCRETE VALLEY GUTTER
NOT TO SCALE



NOT LESS THAN 3 TIMES MAX. CROSS SECTION OF POST WITH MIN. OF 8"

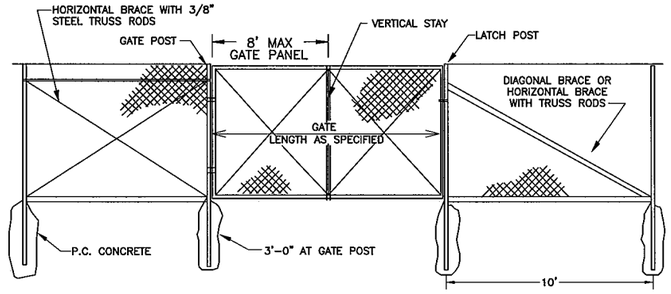
2'-6" FOR FABRIC LESS THAN 60" HIGH 3'-0" FOR FABRIC 60"AND OVER

LINE POSTS OF 1000' MAX. INTERVALS BRACED AND TRUSSED IN BOTH DIRECTIONS EXCEPT THAT THIS BRACING AND TRUSSING MAY BE OMITTED WHEN THE FABRIC IS STRETCHED BY EQUIPMENT

END AND CORNER POST ASSEMBLY

TYPICAL MEMBER DIMENSIONS (See Notes)											
Fence Height	Line Posts			End, Latch & Corner Posts			Braces				
	Round (ID)	H	Roll Formed	Round (ID)	Roll Formed		Round (ID)	H	Roll Formed		
6'and less	1 1/2 "	1 7/8 x1 5/8	1 7/8 x1 5/8	2"	3 1/2 x3 1/2	2 x 1 3/4	1 1/4 "	1 1/2 x1 5/16	1 5/8 x1 1/4	1 3/4 x1 1/4	
Over 6'	2"	2 1/4 x2	2 1/4 x1 3/4	2 1/2 "	3 1/2 x3 1/2	2 1/2 x2 1/2	1 1/4 "	1 1/2 x1 5/16	1 5/8 x1 1/4	1 3/4 x1 1/4	

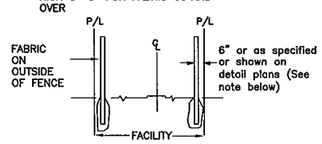
NOTES:
1. THE ABOVE TABLE SHOWS EXAMPLES OF POST AND BRACE SECTIONS WHICH MAY COMPLY WITH THE SPECIFICATIONS
2. SECTIONS SHOWN IN THE TABLES MUST ALSO COMPLY WITH THE STRENGTH REQUIREMENTS AND OTHER PROVISIONS OF THE SPECIFICATIONS
3. OTHER SECTIONS WHICH COMPLY WITH THE STRENGTH REQUIREMENTS AND OTHER OF THE SPECIFICATIONS MAY BE USED ON APPROVAL OF THE ENGINEER
4. OPTIONS EXERCISED SHALL BE UNIFORM ON ANY ONE PROJECT
5. DIMENSIONS SHOWN ARE NOMINAL
6. PLASTIC SLATS ARE REQUIRED WHEN SPECIFIED ON THE PLANS



Type CL-4=48"
Type CL-6=72"

GATE POST			
Fence Height	Gate Width	Nominal I.D.	Weight per Foot
6'-0" and Less	Up thru 6'	2 1/2 "	4.95
	Over 6'thru 12'	4"	10.79
	Over 12' thru 18'	5"	14.62
	Over 18'to 24' Max.	6"	18.97
Over 6"	Up thru 6'	3"	7.58
	Over 6'thru 12'	5"	14.62
	Over 12' thru 18'	6"	18.97
	Over 18'to 24' Max.	8"	28.55

NOTE:
ABOVE POST DIMENSIONS AND WEIGHTS ARE MINIMUMS LARGER SIZES MAY BE USED ON APPROVAL OF ENGINEER



NOTE: OFFSET TO BE 2'-0" AT MONUMENT LOCATIONS MEASURED AT FT ANGLES TO R/W LINES. TAPER TO ACHIEVE OFFSET TO BE AT LEAST 20' LONG.

FENCE LOCATION

TYPICAL FABRIC MOUNTING DETAILS

D 6 FT HIGH CHAIN LINK FENCE DETAIL
NOT TO SCALE

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Job No: 06-1308
Drawn By: SGH
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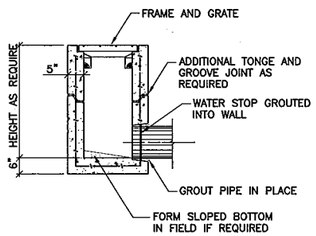
Date: 4-28-2007

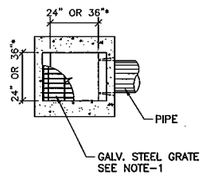
Revisions

Sheet Number
C-8
of 1

TYPICAL SECTION

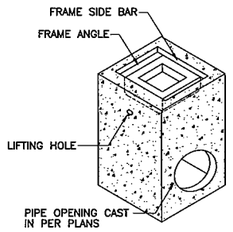


PLAN



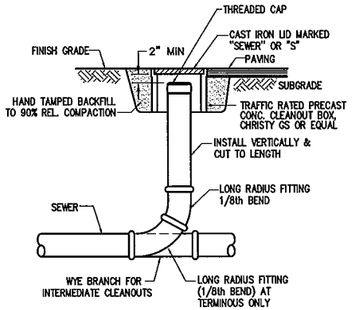
*SEE PLAN FOR SIZE

ISOMETRIC



NOTE:
1. FRAME AND GRATES SHALL BE HEAVY DUTY FOR H20 TRAFFIC LOADING. ALL GRATES SHALL BE BICYCLE PROOF.

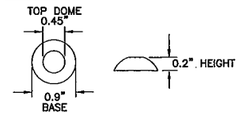
A STORM DRAIN INLET DETAIL
NOT TO SCALE



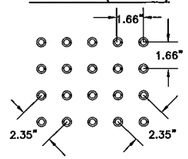
NOTE: 1. CONCRETE LIDS ARE ACCEPTABLE FOR USE IN NON-VEHICULAR TRAFFIC AREAS, WHILE METAL LIDS MUST BE USED ELSEWHERE.
2. ALL CLEANOUT BOX LIDS SHALL BE MARKED WITH A LETTER "S" OR THE WORD "SEWER".

B CLEANOUT TO GRADE
NOT TO SCALE

RAISED TRUNCATED DOME

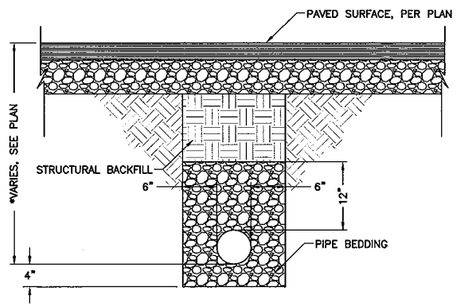


RAISED TRUNCATED DOME PATTERN (IN-LINE)

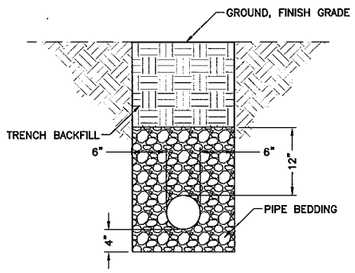


C TRUNCATED DOMES - DETAIL
NOT TO SCALE

PAVED AREA



OUTSIDE PAVED AREA

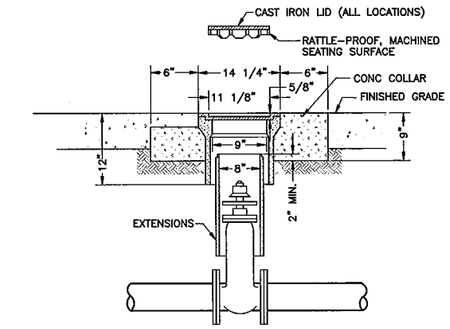


NOTES

1. PIPE BEDDING SHALL BE SAND, FREE OF ORGANIC MATTER & CLAY WITH A SIEVE GRADATION BY WEIGHT OF 100% PASSING #4 SIEVE AND 0-8% PASSING A #200 SIEVE. COMPACT TO 95% RELATIVE COMPACTION.
2. STRUCTURAL BACKFILL SHALL BE CLASS 2 AGGREGATE BASE COMPACTED TO 95% RELATIVE COMPACTION.
3. TRENCH BACKFILL CAN BE MATERIAL FROM EXCAVATION, FREE FROM STONES AND LUMPS EXCEEDING 3" IN GREATEST DIMENSION, ORGANIC MATTER OR OTHER UNSATISFACTORY MATERIAL. COMPACT TO 90% RELATIVE COMPACTION.

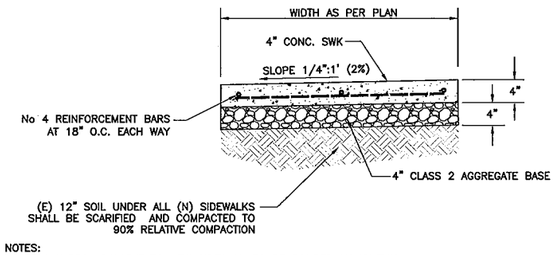
* 3" MIN FOR WATER

D TYPICAL TRENCH DETAILS FOR ONSITE STORM DRAIN, WATER & SEWER
NOT TO SCALE



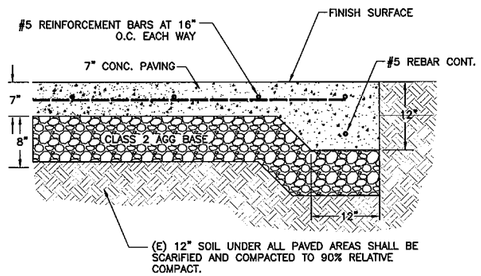
NOTES:
1. VALVE BOX AND LID SHALL BE CHRISTY NO. G-5,
2. ALL LIDS AND GRADE RINGS SHALL HAVE MACHINED SEATING SURFACES.
3. EXTENSIONS SHALL BE AS MANUFACTURED FOR THE VALVE BOX SUPPLIED OR PIPE OF CORRECT SIZE CAN BE USED.

E GATE VALVE DETAIL
NOT TO SCALE

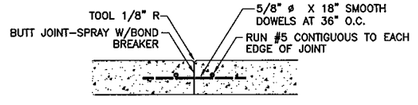


NOTES:
1. NEW CURBS ADJACENT TO NEW SIDEWALK TO BE POURED MONOLITHIC

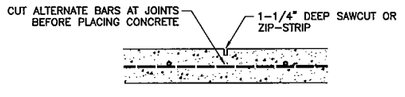
F SIDEWALK DETAIL
NOT TO SCALE



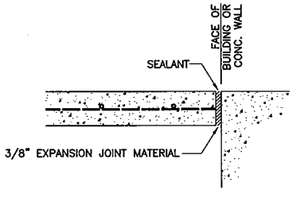
JOINT DETAIL (COLD JOINT)



JOINT DETAIL (CUT OR FORMED JOINT)



JOINT DETAIL BUILDING EDGE CONDITION



G CONCRETE PAVING DETAIL
NOT TO SCALE

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Revisions

Sheet Number

C-9

of 1

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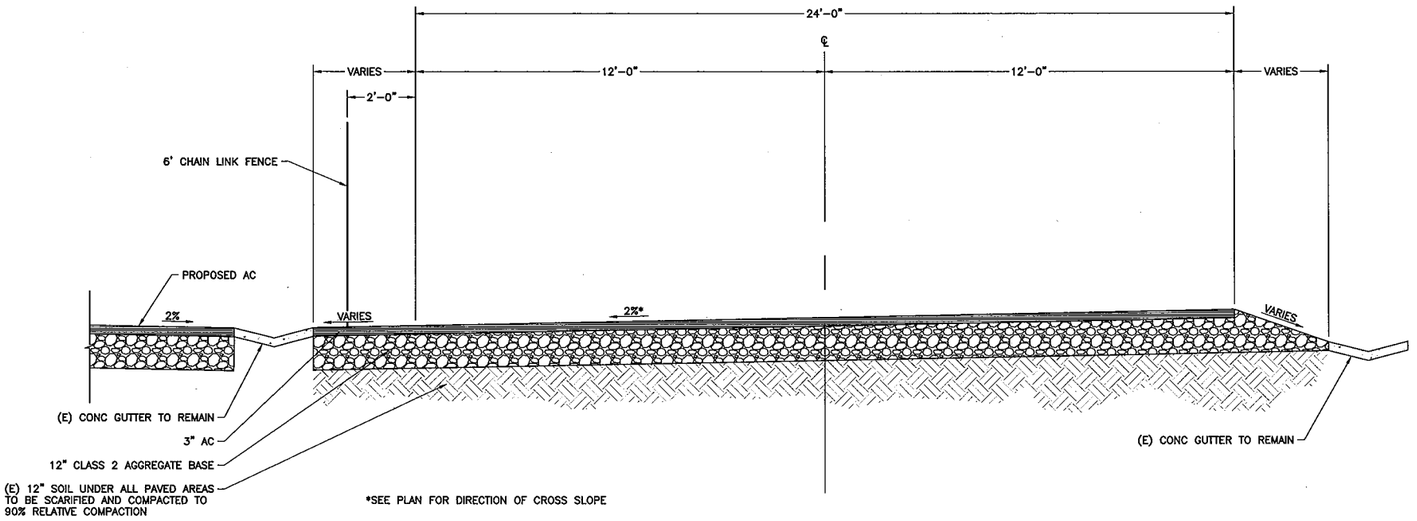

A TYPICAL ROAD SECTION
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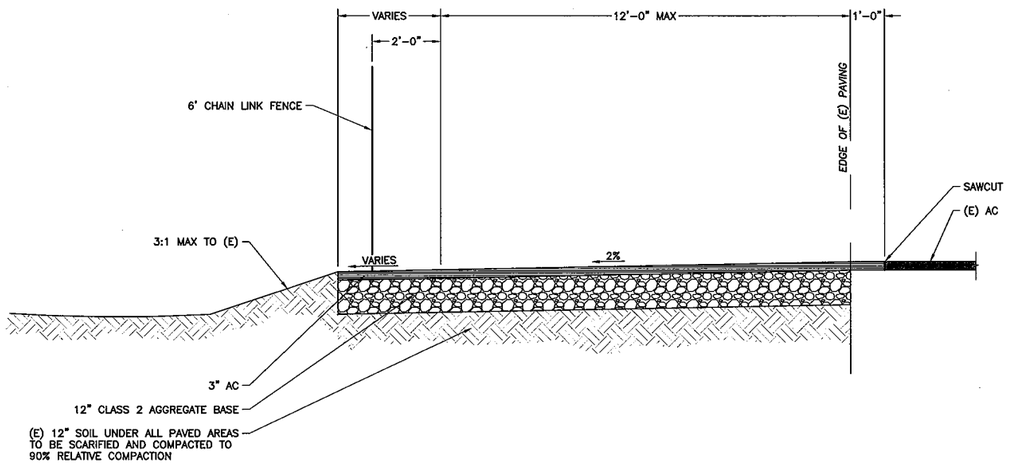

B SECTION - EMBARCADERO ROAD WIDENING
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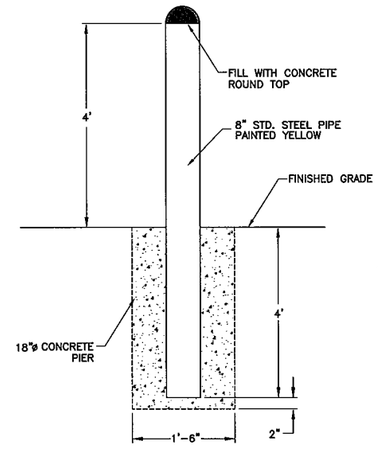

C BOLLARD DETAIL
NOT TO SCALE

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City of PALO ALTO

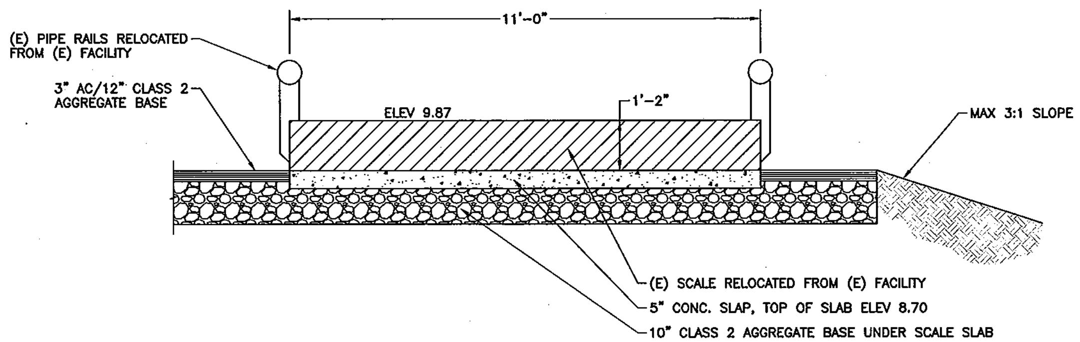
PUBLIC WORKS DEPARTMENT

LANDFILL FACILITIES RELOCATION
PALO ALTO LANDFILL
SITE DETAILS
CITY OF PALO ALTO

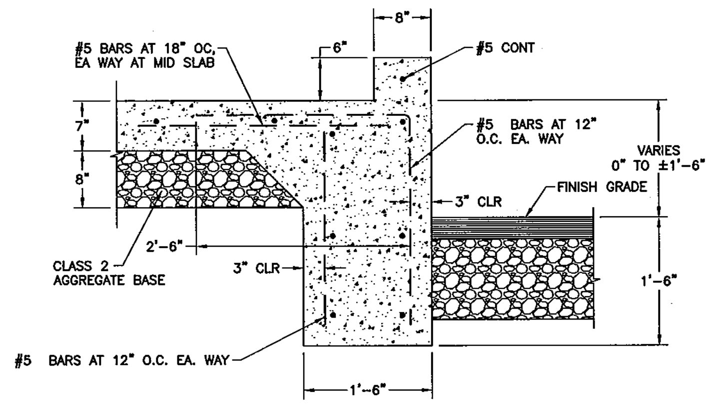
Job No: 06-1308
Drawn By: SGH
Checked By: DS
Date: 4-28-2007

Revisions

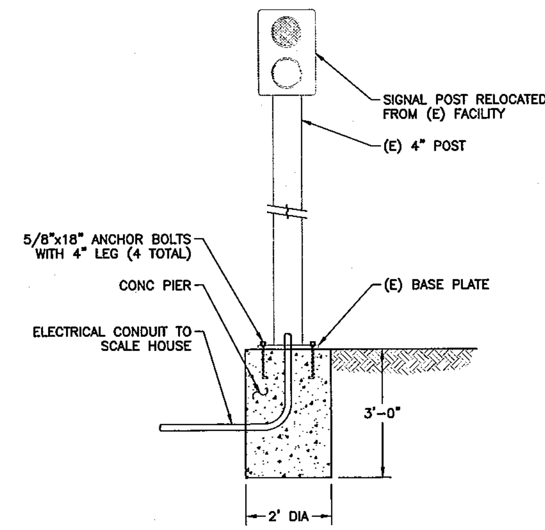
Sheet Number
C-10
of 1



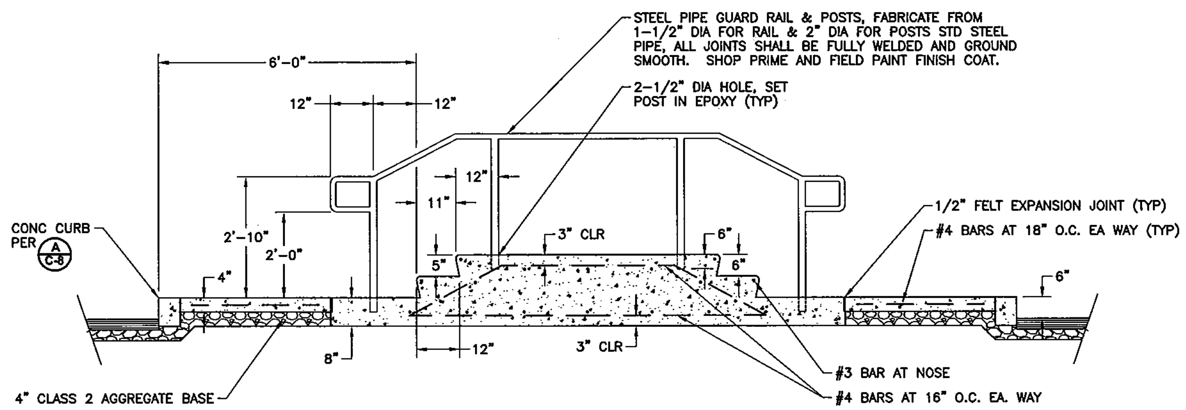
(A) SCALE SECTION
SCALE: 1" = 2'

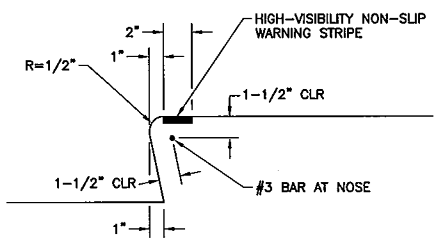


(C) SCALE RAMP CURB DETAIL
SCALE: 1" = 1'



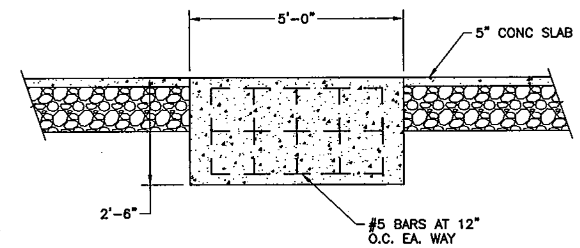
(E) SIGNAL FOUNDATION DETAIL
SCALE: 1" = 2'



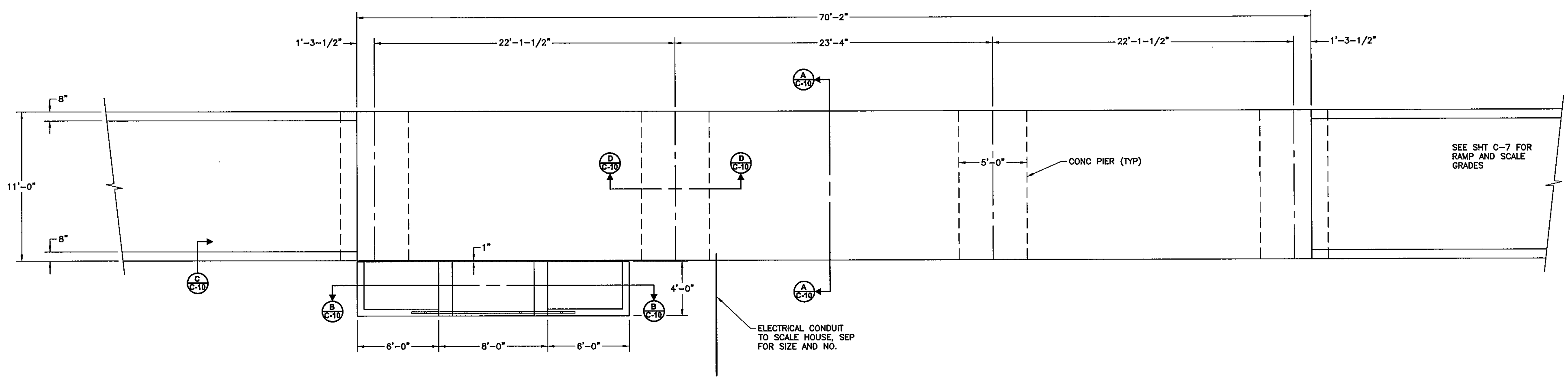


NOSE DETAIL

(B) STEP/RAIL SECTION
SCALE: 1" = 2'



(D) SCALE PIER SECTION
SCALE: 1" = 2'



(E) TRUCK SCALE - PLAN
SCALE: 1" = 4'

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LANDFILL FACILITIES RELOCATION
PALO ALTO LANDFILL
SCALE PLAN AND DETAILS

CITY OF PALO ALTO

PUBLIC WORKS DEPARTMENT

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Drawn By: SGH
Checked By: DS
Date: 4-28-2007

Revisions

Sheet Number
C-11
of 1

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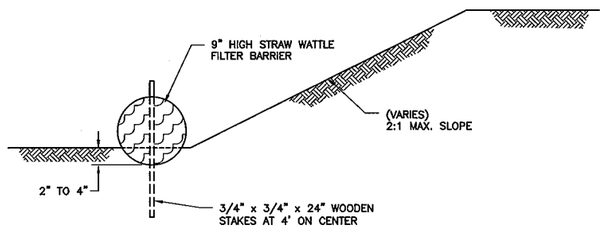
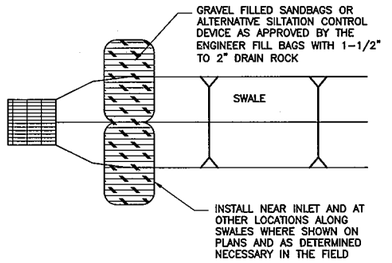
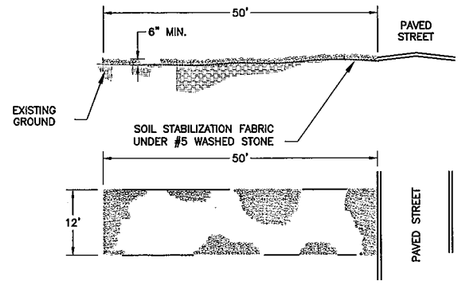


A STRAW WATTLE DETAIL
NOT TO SCALE

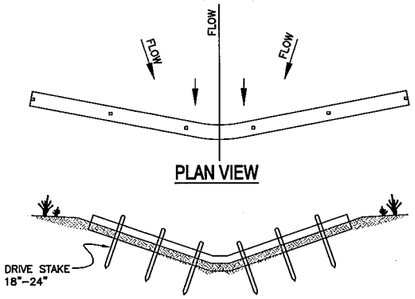


B SEDIMENT BARRIER DETAIL
NOT TO SCALE

NOTES:
1. A STABILIZED ENTRANCE PAD OF #5 WASHED STONE OR RAILROAD BALLAST SHALL BE LOCATED WHERE TRAFFIC WILL ENTER OR LEAVE THE CONSTRUCTION SITE ONTO A PUBLIC STREET.
2. FILTER FABRIC OR COMPACTED CRUSHER RUN STONE SHALL BE USED AS A BASE FOR THE CONSTRUCTION ENTRANCE.
3. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC STREETS OR EXISTING PAVEMENT. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS WARRANT AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
4. ANY SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC STREETS MUST BE REMOVED IMMEDIATELY.
5. WHEN APPROPRIATE, WHEELS MUST BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTERING A PUBLIC STREET. WHEN WASHING IS REQUIRED, IT SHALL BE DONE IN AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT BASIN.



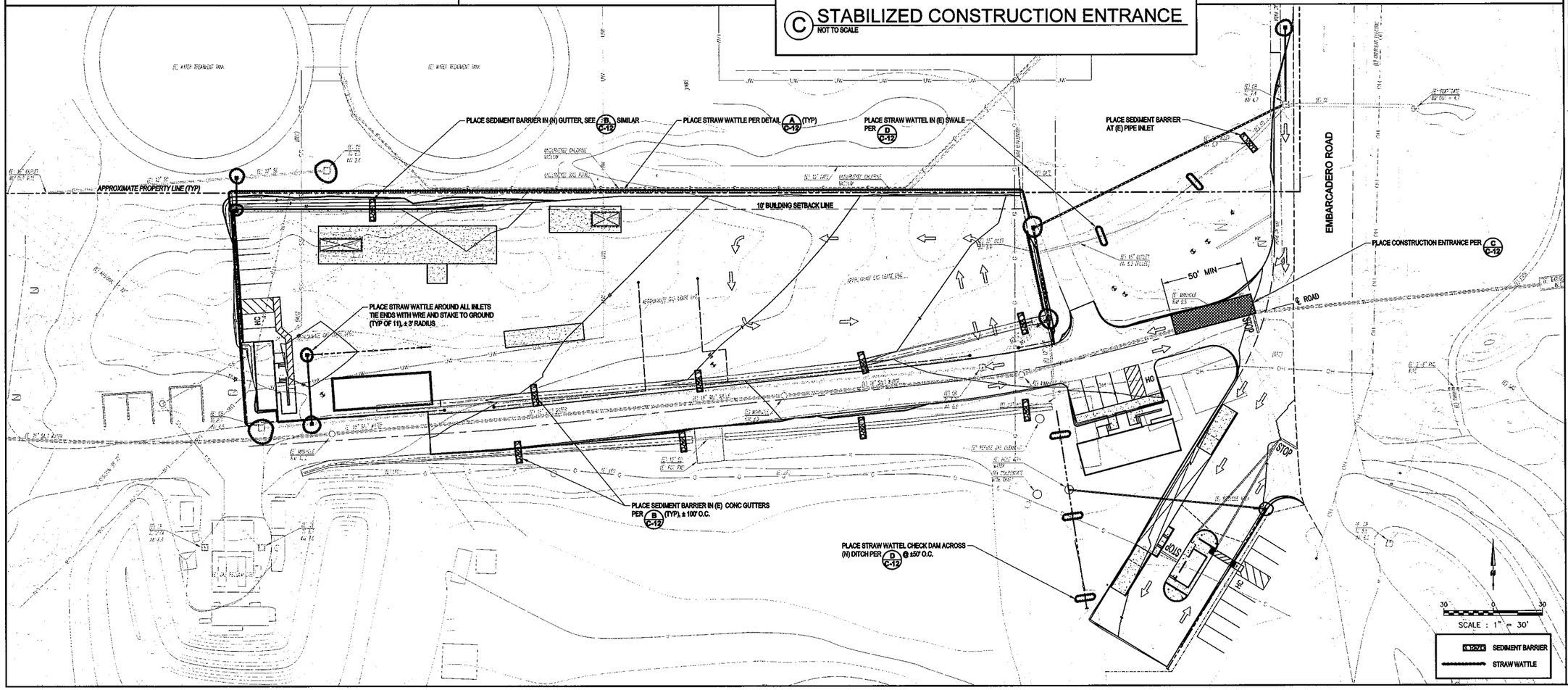
C STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



VIEW LOOKING UPSTREAM

NOTES:
1. EMBED WATTLE 4" INTO THE SOIL AND KEY WATTLES INTO THE SWALE BANKS.
2. PLACE WATTLES PERPENDICULAR TO THE FLOW WITH ENDS TIGHTLY ABUTTING.
3. INSPECT AFTER EACH SIGNIFICANT STORM. MAINTAIN AND REPAIR PROMPTLY.

D STRAW WATTLE CHECK DAM
NOT TO SCALE



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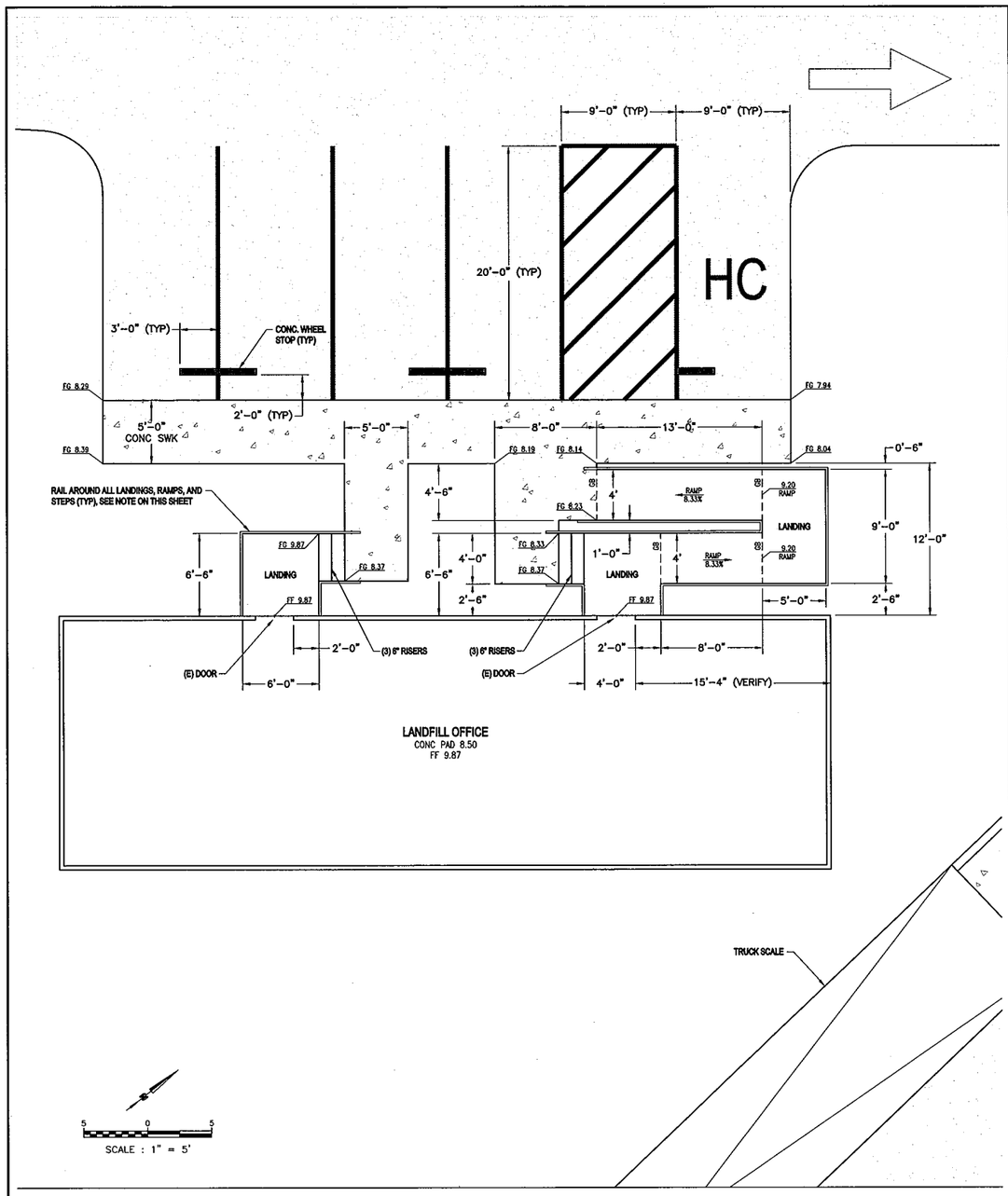
PUBLIC WORKS DEPARTMENT

LANDFILL FACILITIES RELOCATION
PALO ALTO LANDFILL
TEMPORARY EROSION CONTROL PLAN
CITY OF PALO ALTO

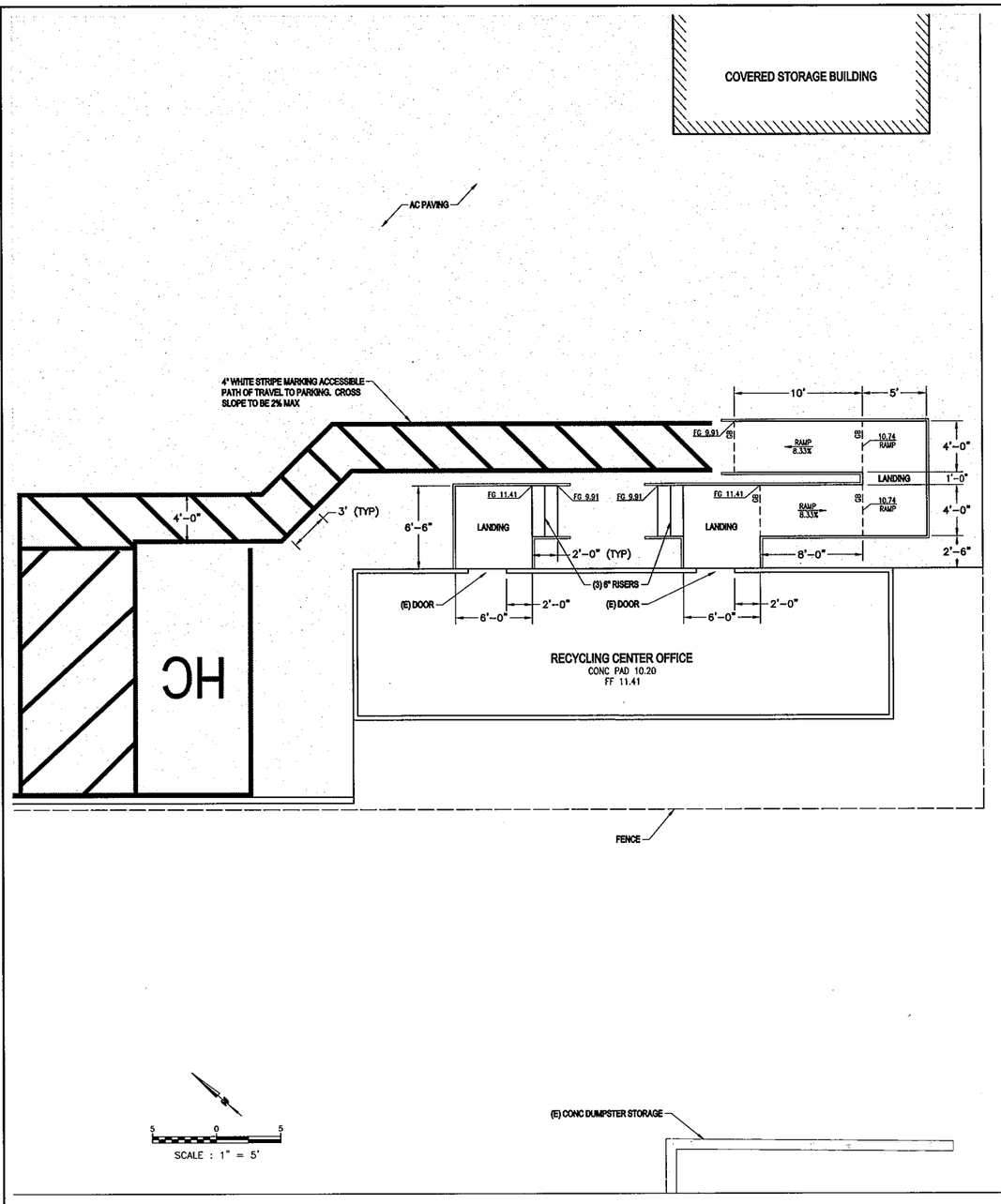
Job No: 06-1308
Drawn By: SGH
Checked By: DS
Date: 4-26-2007

Revisions

Sheet Number
C-12
of 1



A LANDFILL OFFICE RAMP/STEP LAYOUT
SCALE 1" = 5'



B RECYCLE CENTER OFFICE RAMP STEP LAYOUT
SCALE 1" = 5'

NOTE:
RAMPS, STEPS AND RAILS SHALL BE STEEL CONSTRUCTION CONFORMING TO CALIFORNIA BUILDING CODE AND ADA REQUIREMENTS. THE DESIGN LIVE LOAD SHALL BE 100 PSF. ALL STEEL SHALL BE GALVANIZED. ALL WALKING SURFACES SHALL BE NON-SLIP. THE DETAILED DESIGN OF THESE ITEMS, INCLUDING CALCULATIONS, SHALL BE BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.

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City of PALO ALTO

LANDFILL FACILITIES RELOCATION
PALO ALTO LANDFILL
MODULAR STRUCTURES RAMP AND STEP DETAILS
PUBLIC WORKS DEPARTMENT
CITY OF PALO ALTO

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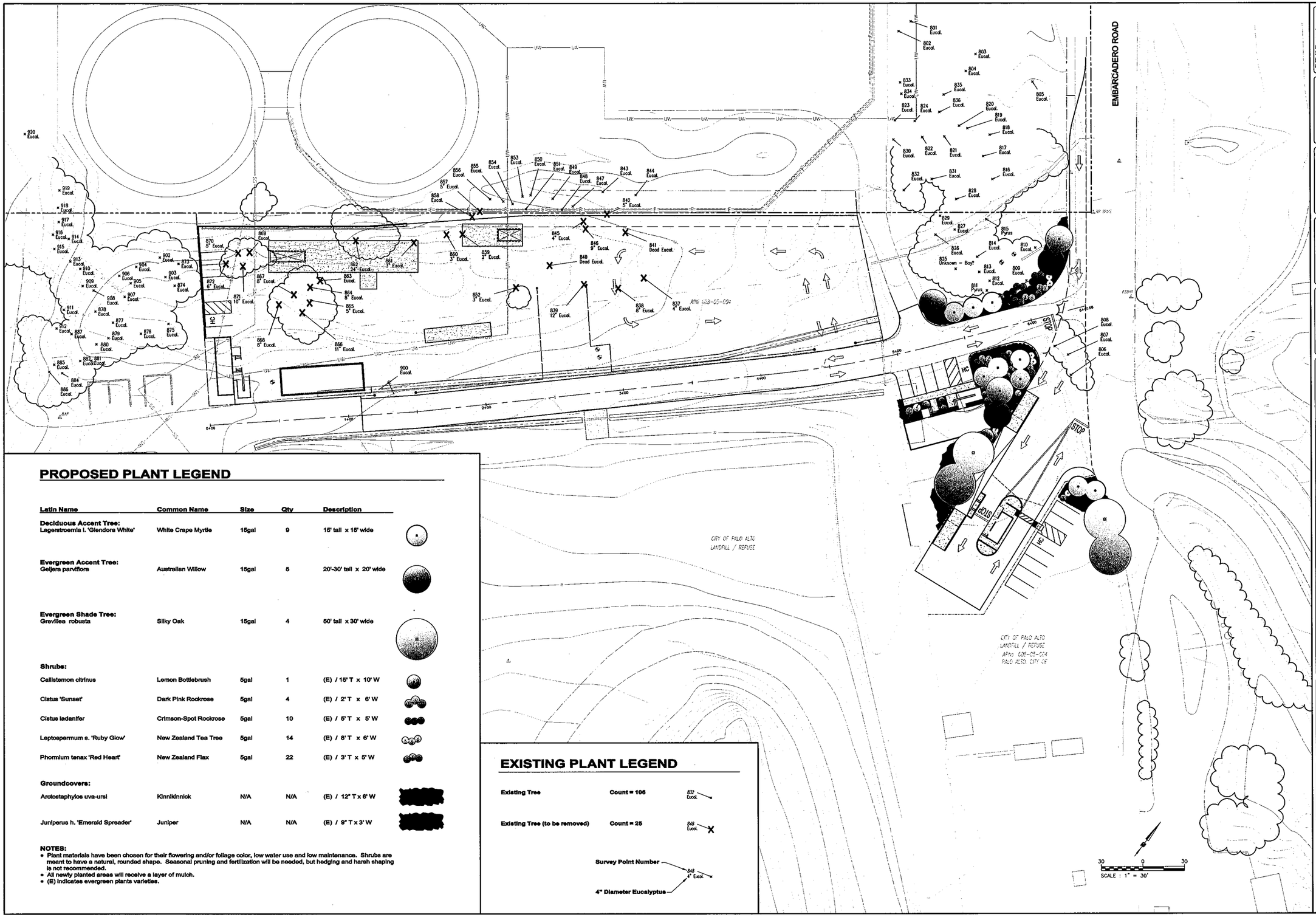
Revisions

Sheet Number
C-13
of 1



PROPOSED PLANT LEGEND

Latin Name	Common Name	Size	Qty	Description
Deciduous Accent Tree:				
Lagerstroemia i. 'Glendora White'	White Crape Myrtle	15gal	9	15' tall x 15' wide
Evergreen Accent Tree:				
Geijera parviflora	Australian Willow	15gal	5	20'-30' tall x 20' wide
Evergreen Shade Tree:				
Grevillea robusta	Silky Oak	15gal	4	50' tall x 30' wide
Shrubs:				
Callistemon citrinus	Lemon Bottlebrush	5gal	1	(E) / 15' T x 10' W
Cistus 'Sunset'	Dark Pink Rockrose	5gal	4	(E) / 2' T x 6' W
Cistus ladanifer	Crimson-Spot Rockrose	5gal	10	(E) / 5' T x 5' W
Leptospermum s. 'Ruby Glow'	New Zealand Tea Tree	5gal	14	(E) / 8' T x 6' W
Phormium tenax 'Red Heart'	New Zealand Flax	5gal	22	(E) / 3' T x 5' W
Groundcovers:				
Arctostaphylos uva-ursi	Kinnikinnick	N/A	N/A	(E) / 12" T x 6' W
Juniperus h. 'Emerald Spreader'	Juniper	N/A	N/A	(E) / 9" T x 3' W

NOTES:
- Plant materials have been chosen for their flowering and/or foliage color, low water use and low maintenance. Shrubs are meant to have a natural, rounded shape. Seasonal pruning and fertilization will be needed, but hedging and harsh shaping is not recommended.
- All newly planted areas will receive a layer of mulch.
- (E) indicates evergreen plants varieties.

EXISTING PLANT LEGEND

Existing Tree — **Count = 106** — 832 Eucal.

Existing Tree (to be removed) — **Count = 25** — 848 Eucal.

Survey Point Number — 848 4" Eucal. — **4" Diameter Eucalyptus**

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PUBLIC WORKS DEPARTMENT

LANDFILL FACILITIES RELOCATION
PALO ALTO LANDFILL
PLANTING PLAN
CITY OF PALO ALTO

Job No:	06-1308
Drawn By:	SGH
Checked By:	DS
Date:	4-20-2007

Revisions

Sheet Number
L-1
of 1

LANDSCAPE NOTES

SITE & DRAWING REVIEW:
The Landscape Contractor will inspect the site and be familiar with all existing site conditions, and will review related drawings and ensure coordination with all applicable trades prior to submitting a bid.

SOIL PREPARATION & GRADING:
The Landscape Contractor is responsible for final grading +/- .01 and surface drainage of all planting areas. All proposed grades are to meet and blend with existing grading at project limit and no low spots, which hold standing water, will be accepted. The Landscape Contractor will spread a commercial pre-plant fertilizer to all landscaped planting areas as recommended in the soils test taken following rough grading. These recommended materials will be thoroughly rototilled into the top 8" of soil (unless otherwise noted on the drawings or written specifications). After installation of the irrigation system, all planting areas will be raked smooth and all rocks and pebbles over 1" in diameter removed from the site.

HYDROSEED TURF:
After the turf has been hydroseeded, a pre-emergent spray will be applied to all planting areas per manufacturers' recommendations. The Landscape Contractor will assume responsibility for the use of chemical products and will supply the Owner with a written record of the type of chemical used, date applied and rate of application.

GROUNDCOVER MULCH:
All planting beds and slope planting areas, excluding turf areas, will receive a 2" layer of 1/4" to ½" diameter "Utility Mulch" (or approved equal) after all trees and shrubs have been planted.

GENERAL PLANTING NOTES:
Plant trees a minimum of 3'-0" from the edge of curbs, walks and light fixtures. Coordinate tree planting with drain and pipe line locations to avoid conflict.

CLEAN UP:
After completion of work, all rubbish and surplus materials will be removed and the site left neat and clean.

MAINTENANCE & GUARANTEE:
The Landscape Contractor will maintain the project for 90 days following approval to begin the Maintenance Period. Regular watering, cultivating, weeding, repair of stakes and ties, and spraying for insects will be performed. Lawns will be fertilized as necessary to maintain vigorous growth and good color. All plant materials will be guaranteed to be in a healthy, thriving condition until the end of the Maintenance Period. All trees will be guaranteed for one (1) year for the Date of Acceptance.

SITE OBSERVATIONS:
The Landscape Contractor is to notify the Owner or Owner's Authorized Representative 48 hours prior to a required site observation. There will be a site observation of plant locations, and a final site observation at the conclusion of the Maintenance Period. Prior to the final site observation, all landscape areas are to be weed free and all plants in a healthy, thriving condition. Notify the Owner or Owner's Authorized Representative 7 days prior to the anticipated date of the final site observation.

IRRIGATION NOTES

The Irrigation Contractor will inspect the site and be familiar with all existing site conditions, and will review related drawings and ensure coordination with all applicable trades prior to submitting a bid.

Irrigation system will be installed in conformance with all applicable state and local codes and ordinances, and by licensed contractors and experienced workmen. Irrigation Contractor will obtain and pay for all required permits and fees relating to his work. Irrigation Contractor to notify all local jurisdictions for inspection and testing of installed backflow prevention devices.

Irrigation Contractor to verify the location of existing underground utilities and structures prior to the excavation of trenches. The Irrigation Contractor will repair any damage caused by his work at no additional cost to the Owner.

It is the responsibility of the Irrigation Contractor to familiarize himself with all site conditions. He will coordinate his work with the General Contractor and other subcontractors for the location and installation of pipe sleeves through walls, under roadways, paving structures, etc. The Irrigation Contractor will not install the sprinkler system as indicated on the drawings when it is obvious in the field that obstructions, grade differences, or differences in the area dimensions exist that might not have been considered in the engineering. Such obstructions or differences should be brought to the attention of the Owner or Owner's Authorized Representative. In the event that this notification is not performed, the Irrigation Contractor will assume full responsibility for any revisions necessary.

IRRIGATION NOTES cont.

The sprinkler system is based on the operating pressure shown on the irrigation drawings. The Irrigation Contractor will verify water pressure prior to any construction. Report any differences between the water pressure indicated on the drawings and the actual pressure reading at the irrigation point-of-connection to the Owner or the Owner's Authorized Representative immediately.

Due to the scale of the drawings, it is not possible to indicate all offsets, fittings, sleeves, etc. which may be required. The Irrigation Contractor will carefully investigate the structural and finished conditions affecting all of his work and plan his work accordingly, which includes furnishing such fittings, etc. as may be required to meet such conditions.

This design is diagrammatic and indicative of the work to be installed. All piping, valves, etc. shown within paved areas is for design clarification only and will be installed in shrub planting areas. Avoid any conflicts between the sprinkler system, planting and architectural features. Parallel pipes may be installed in a common trench. Pipes are not to be installed directly above one another.

The Electrical Contractor will supply 120 volt A.C. (2.5 AMP) service to the controller location. Irrigation Contractor will make final connection from the electrical stub out to the controller. Irrigation control wire will be a minimum standard of #14 UL and approved for direct burial. Common wire will be white in color, wiring to individual remote control valves will be red or black in color.

Each controller to have its own independent ground wire. Install a spare control wire of a different color along the entire mainline. Loop thirty-six inches (36") excess wire into each single valve box and into one valve box in each group of valves.

Splicing of 24 volt wires will only be permitted in valve boxes. Leave a twenty-four (24") coil of excess wire at each splice and one hundred feet on center (100' o.c.) along wire run. Splices are to be made with a copper crimp-type connector and an approved epoxy splice pack. Tape wire in bundles at ten feet on center (10' o.c.). No taping permitted inside sleeves.

Install valve boxes perpendicular to walks, curbs, lawns, buildings, or landscape features. At multiple valve box groups, each box will be an equal distance from the walks, curbs, lawns, etc. Align valve boxes with adjacent pavement edges or building for a neat appearance. Valve boxes to conform with finish grade. All valves to be set in a minimum of twelve inches (12") of drain gravel.

Trenching is to provide twenty-four inches (24") of cover over lines installed under paved areas, eighteen inches (18") of cover over mainlines and control wires, and twelve inches (12") of cover over lateral lines. All piping under pavement will be sleeved. (Verify these requirements with local jurisdiction prior to the start of work.)

For mainline piping inside sleeves use a minimum standard of 1120-315 PSI PVC Plastic Pipe with Schedule 40 couplings.

Where low head drainage occurs a check valve will be installed.

Drip/distribution tubing guidelines are as follows: a maximum of two-hundred (200) linear feet and two-hundred (200) GPH on a single circuit of 1/2" tubing; and a maximum of fifty (50) linear feet and fifteen (15) GPH on a single circuit of 1/4" tubing. Irrigation Contractor will install the drip/distribution tubing under bark mulch to help deter critters from damaging the materials.

Each system will be flushed to eliminate glue and dirt particles from the lines. All mainlines will be flushed prior to the installation of remote control valves. Lateral lines will be flushed prior to the installation of emission devices or emitters.

All sprinkler heads will be set perpendicular to finish grade of the areas to be irrigated. Heads will be installed 6"-8" from building walls, or within 2" of pavement, curbs, or header edges.

Where low head drainage occurs a check valve will be installed.

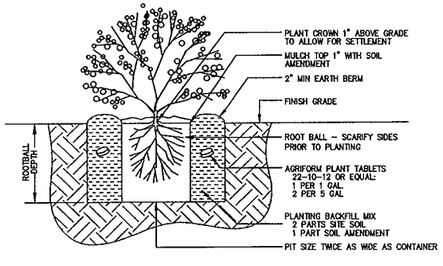
Irrigation contractor will flush and adjust all sprinkler heads for optimum performance and to prevent possible over spray onto walks, roadways and/or buildings as much as possible. This will include selecting the best degree of arc to fit the existing conditions and to throttle the flow control of each valve to obtain the optimum operating pressure for each system. All mainlines will be flushed prior to the installation of remote control valves. Lateral lines will be flushed prior to the installation of irrigation heads. At thirty (30) days after installation, each system will be flushed to eliminate glue and dirt particles from the lines.

All excavations are to be filled with compacted backfill. The Irrigation Contractor will promptly repair all settled trenches up to one (1) year after completion of work. Additionally, Irrigation Contractor will warrant that the irrigation system will be free from defects in materials and workmanship for a period of one (1) year after the final acceptance of work.

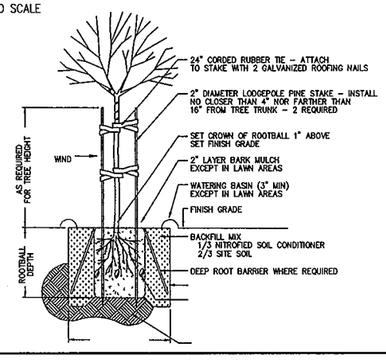
NOTE: Irrigation Contractor will verify a minimum pressure of 45 PSI and a maximum output of 15 GPM at the Point-of-Connection prior to the start of any work. Report discrepancies immediately to the Owner or Owner's Authorized Representative.

PLANTING DETAILS

J TYPICAL SHRUB PLANTING DETAIL
NOT TO SCALE

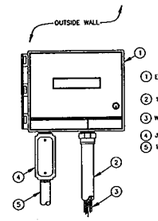


K TYPICAL TREE PLANTING DETAIL
NOT TO SCALE

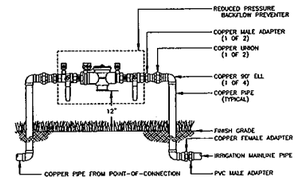


IRRIGATION DETAILS

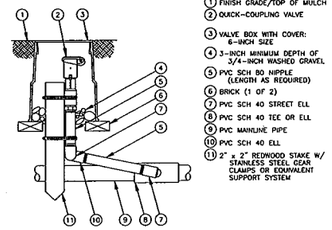
A ELECTROMECHANICAL CONTROLLER
NOT TO SCALE



B REDUCED PRESSURE BACKFLOW PREVENTER
NOT TO SCALE



C QUICK-COUPLING VALVE
NOT TO SCALE



D REMOTE CONTROL VALVE
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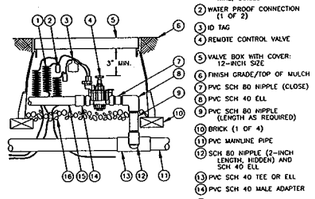
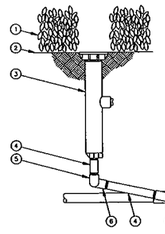
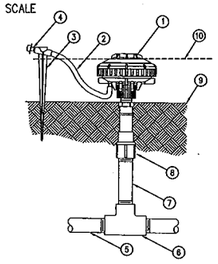


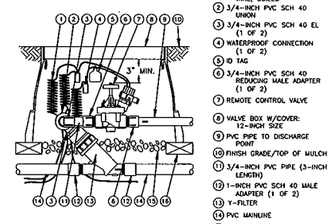
E POP UP SPRINKLER



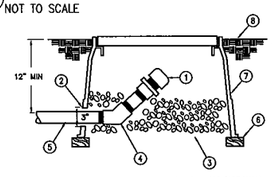
F DRIP MULTI-EMITTER EMISSION DEVICE
NOT TO SCALE



G DRIP AUTOMATIC FILTER KIT
NOT TO SCALE

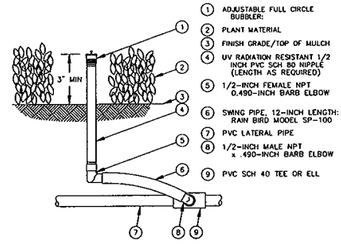


H DRIP CLEANOUT
NOT TO SCALE



NOTE: FLEXIBLE HOSE LINE ATTACHED TO PVC FOR WASTE (OPTIONAL)

L BUBBLER
NOT TO SCALE



I EMITTER PLACEMENT
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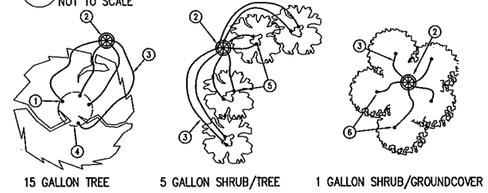

1 DRIP EMITTERS PC-10 (GREEN) 4 PER EACH 15 GALLON PLANT
2 MULTI-OUTLET EMISSION DEVICE
3 POLYETHYLENE DRIP TUBING (LENGTH MAX. 15')
4 EMITTERS SHOULD BE PLACED W/IN 12" OF TRUNK
5 DRIP EMITTERS PC-05 (LT. BROWN) 2 PER EACH 5 GALLON PLANT
6 DRIP EMITTERS PC-20 (RED) 1 PER EACH 1 GALLON PLANT

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City of PALO ALTO

PUBLIC WORKS DEPARTMENT

LANDFILL FACILITIES RELOCATION
PALO ALTO LANDFILL
PLANTING AND IRRIGATION DETAILS
CITY OF PALO ALTO

Job No: 06-1308
Drawn By: SGH
Checked By: DS
Date: 4-20-2007

Revisions

Sheet Number
L-3
of 1

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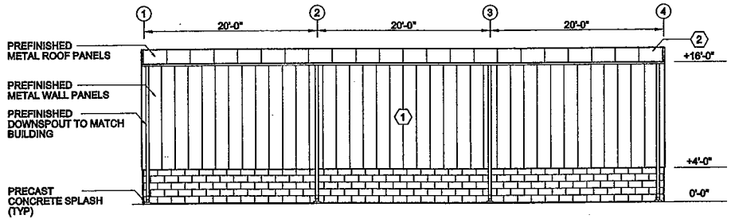
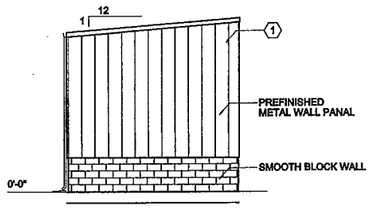
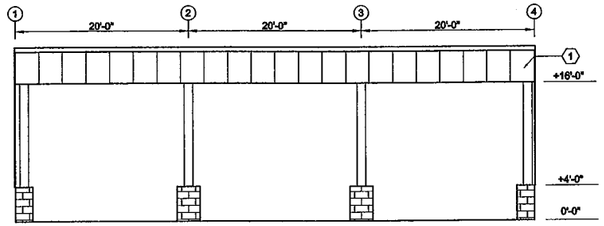


SOUTH ELEVATION
SCALE 1/8" = 1'-0"



EAST ELEVATION
SCALE 1/8" = 1'-0"



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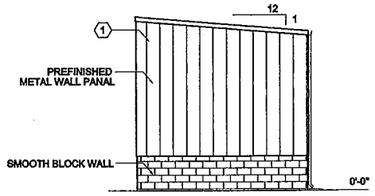

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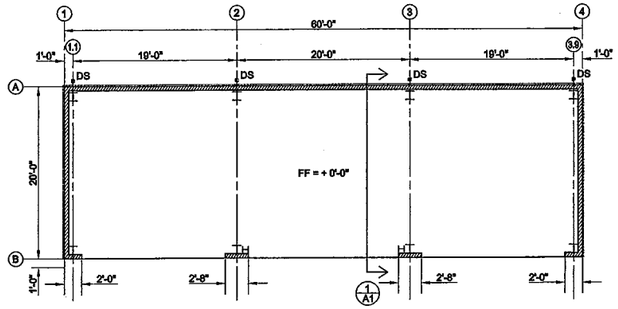
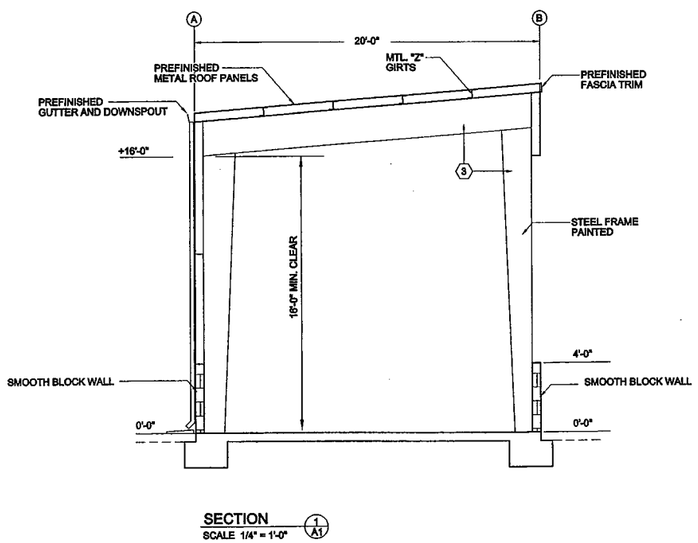
SCALE 1/8" = 1'-0"



FLOOR PLAN
SCALE 1/8" = 1'-0"



SECTION 1/A1
SCALE 1/4" = 1'-0"

EXTERIOR FINISH SCHEDULE

1. VARCO - PRUDEN / SP "CLASSIC BEIGE"
2. VARCO - PRUDEN / SP "ARCTIC WHITE"
3. SHERWIN WILLIAMS TO MATCH "COLONIAL RED"

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LANDFILL FACILITIES RELOCATION
PALO ALTO LANDFILL
STORAGE BUILDING - FLOOR PLAN
CITY OF PALO ALTO

Job No: 06-1308
Drawn By: VAD
Checked By: DS
Date: 2-20-07

Revisions

Sheet Number
A-1
of 1

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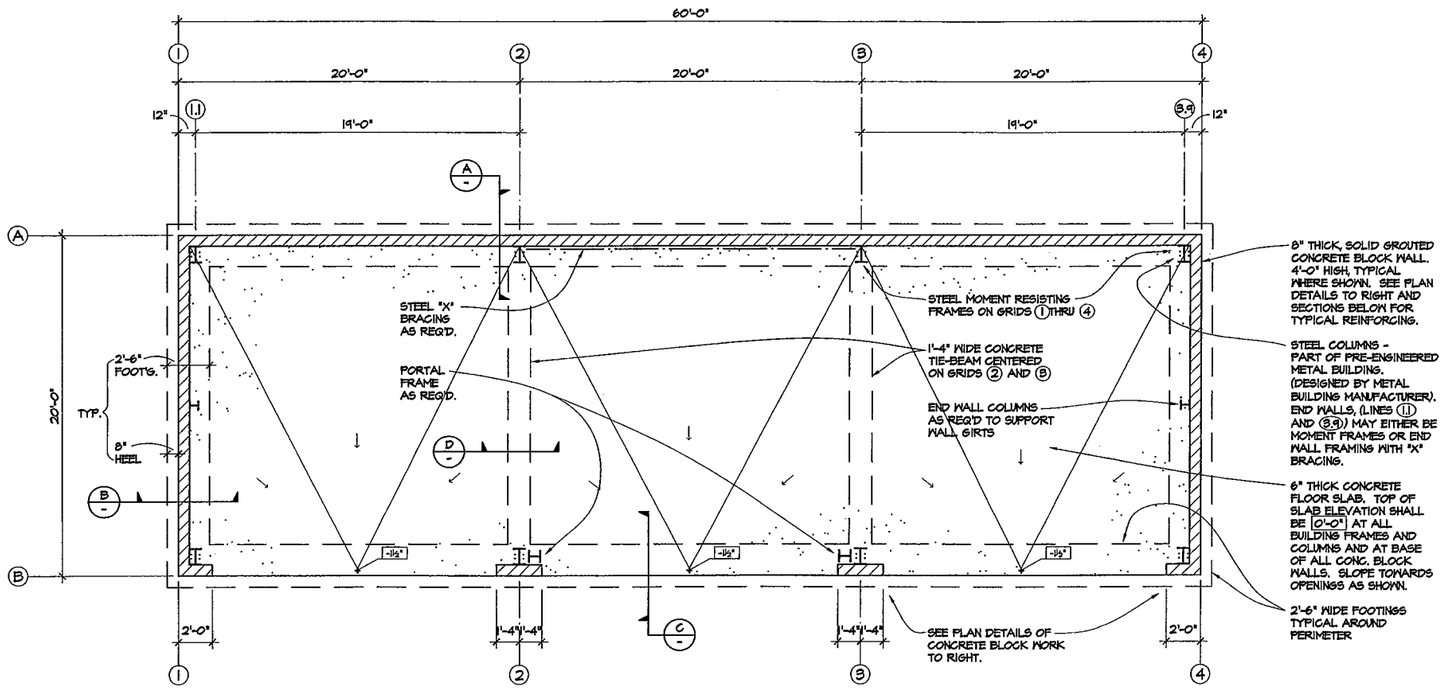
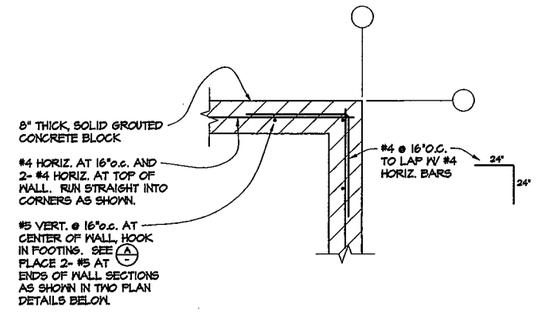


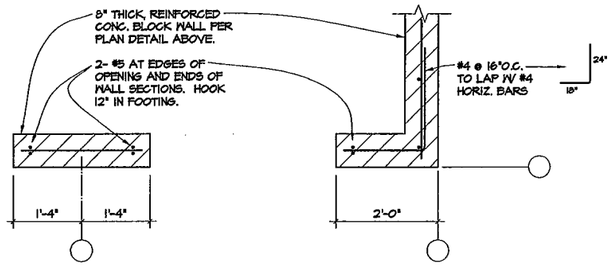
FOUNDATION PLAN

1/4"=1'-0"



PLAN DETAIL

3/4" = 1'-0"

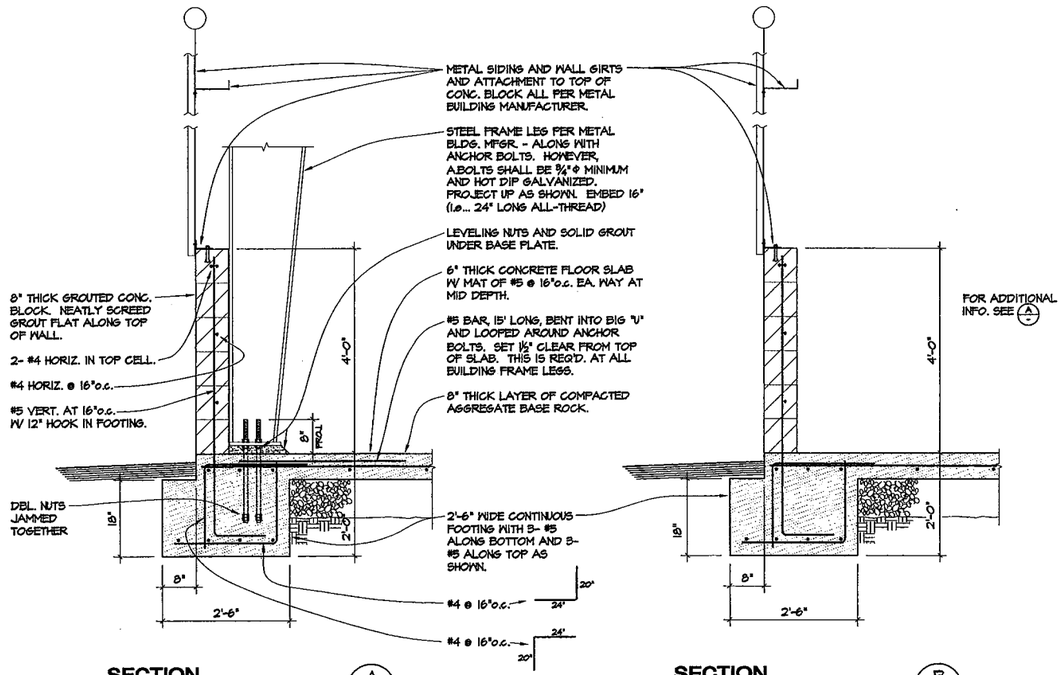


PLAN DETAIL

3/4" = 1'-0"

PLAN DETAIL

3/4" = 1'-0"

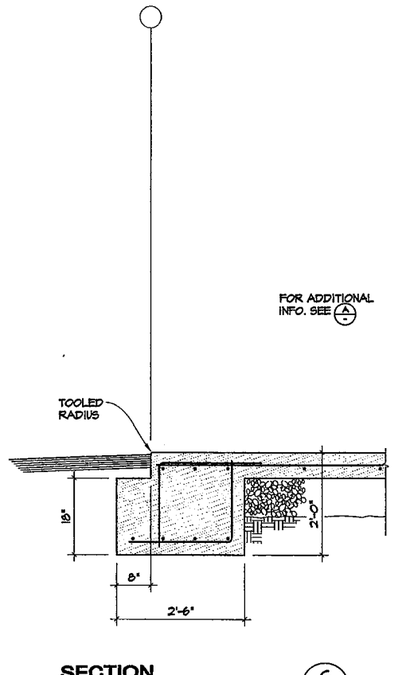


SECTION A S1

3/4" = 1'-0"

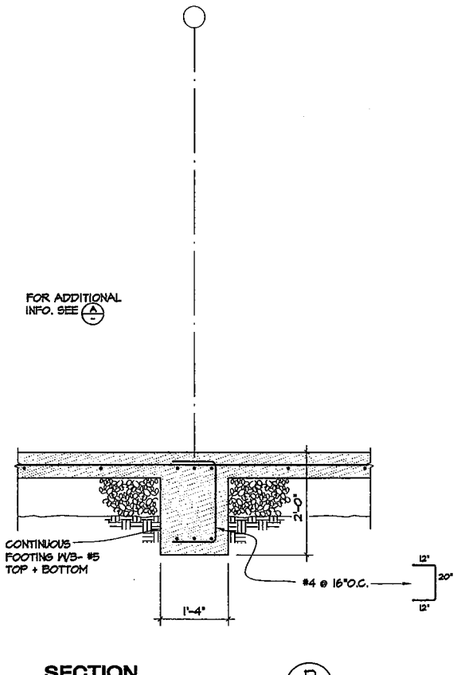
SECTION B S1

3/4" = 1'-0"



SECTION C S1

3/4" = 1'-0"



SECTION D S1

3/4" = 1'-0"

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Santa Rosa, CA

LANDFILL FACILITIES RELOCATION
PALO ALTO LANDFILL
PRELIMINARY SITE PLAN

PUBLIC WORKS DEPARTMENT

CITY OF PALO ALTO

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Date 5-3-2007
Project 2006.041
Drawn by LMc
Checked by KRH
Revisions

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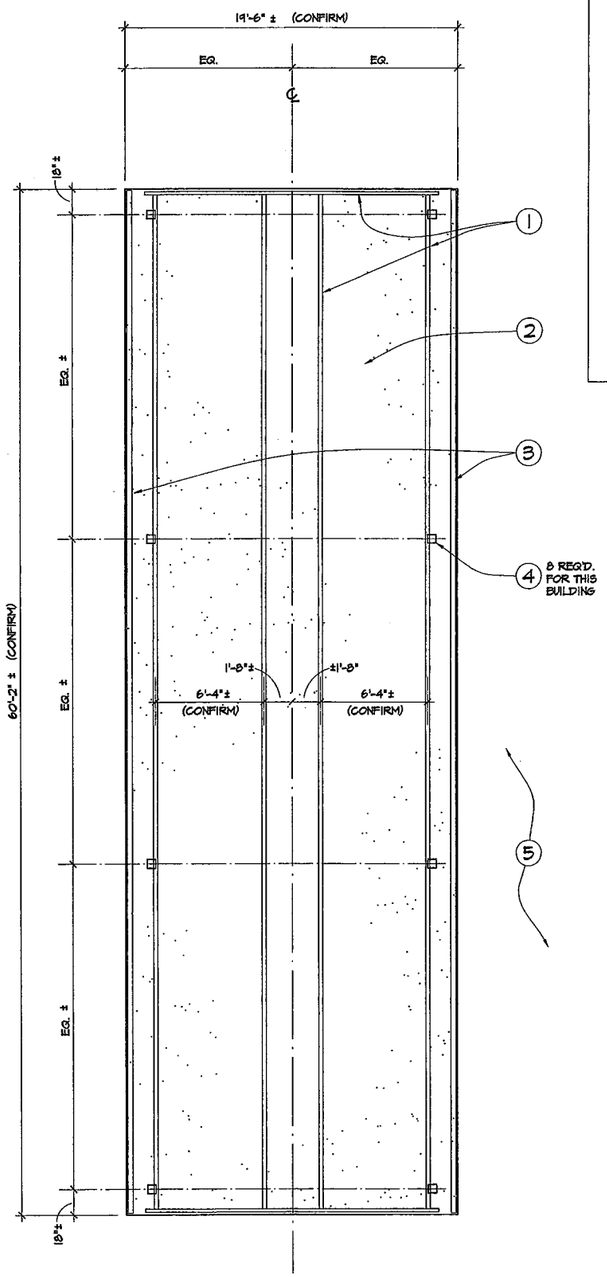
Sheet

S1

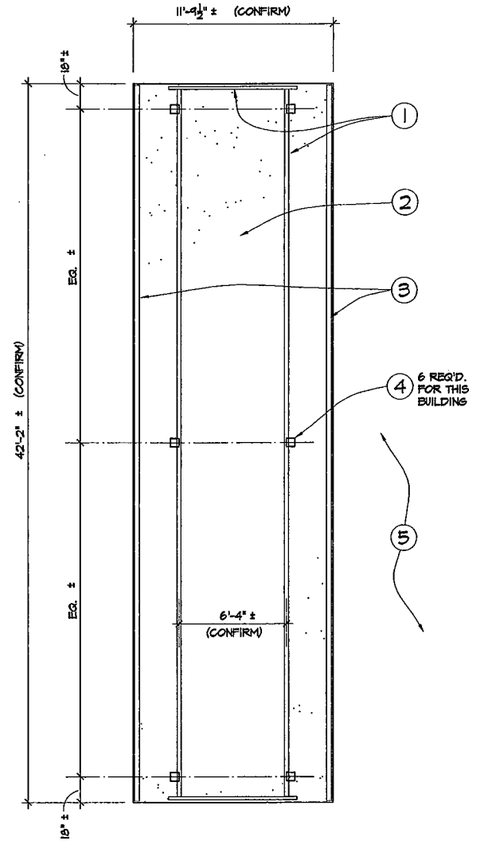
LEGEND: (applies to sheet S2 only)

1. EXISTING STEEL SKID GIRDERS AND END WALL CLOSURE PLATE BELOW PORTABLE BUILDING STRUCTURES.
2. NEW CONCRETE FOUNDATION PAD, 8" THICK. REINFORCE WITH MAT OF #5 @ 16" o.c. EA. WAY AT MID-DEPTH PLUS 3- #5 CONTINUOUS AROUND PERIMETER.
3. INSTALL 2x4 PRESSURE TREATED PLATE TO SUPPORT BOTTOM EDGE OF PLYWOOD SKIRT. SECURE WITH ½"ϕ HOT-DIP GALV. ANCHOR BOLTS AT 5' o.c. (6" MAX. FROM ENDS OF EA. PIECE OF 2x4). USE GALV. WASHERS AND FIXING NUTS. SEE A/S8
4. EMBEDDED STEEL PLATE WITH ANCHORS FOR SECURING STEEL SKID GIRDERS. SEE B/S8 FOR FIELD CONNECTION.
5. SEE CIVIL DRAWINGS FOR LAYOUT OF ENTRY STEPS, RAMP AND HANDRAILS. (THEY ARE NOT SHOWN IN THIS VIEW.) THESE SHALL BE STEEL CONSTRUCTION CONFORMING TO CALIFORNIA BUILDING CODE AND ADA REQUIREMENTS. THE DESIGN LIVE LOAD SHALL BE 100 psf. ALL STEEL SHALL BE GALVANIZED, ALL WALKING SURFACES SHALL BE NON-SLIP. THE DETAILED DESIGN OF THESE ITEMS, INCLUDING CALCULATIONS, SHALL BE BY THE CONTRACTOR AND SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW AND APPROVAL..
6. CONCRETE STEPS, RAMP CURBS AND RAIL. ALL WALKING SURFACES SHALL HAVE A NON-SLIP FINISH. SEE CIVIL DRAWINGS AND DETAILS ON SHEET S5.



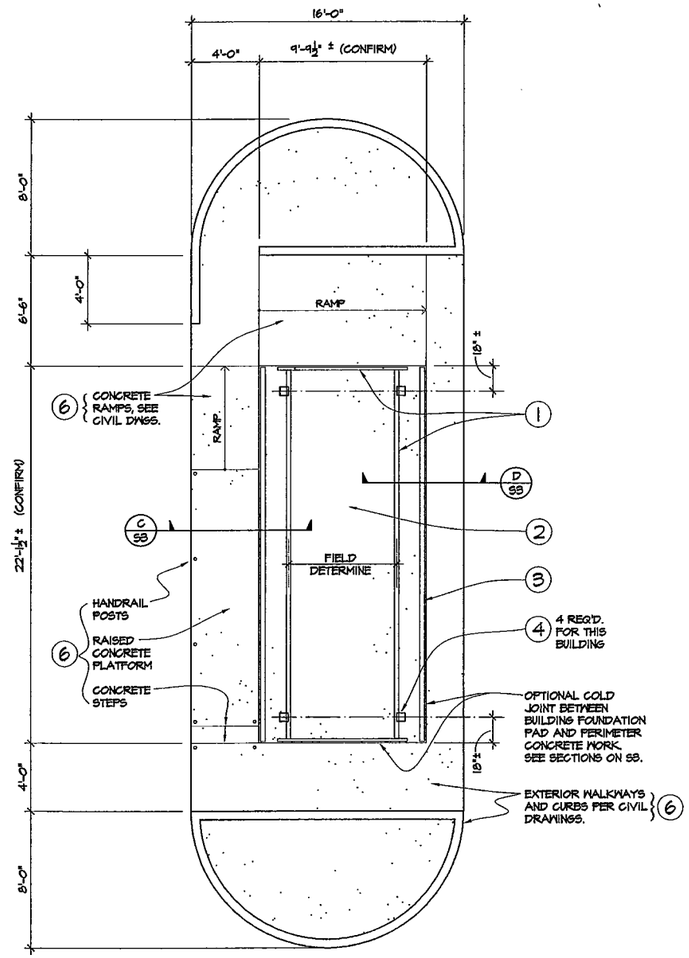
FOUNDATION PAD FOR LANDFILL OFFICE

1/4"=1'-0"



FOUNDATION PAD FOR RECYCLE OFFICE

1/4"=1'-0"



FOUNDATION PAD AND PERIMETER CONCRETE FOR SCALE HOUSE

1/4"=1'-0"

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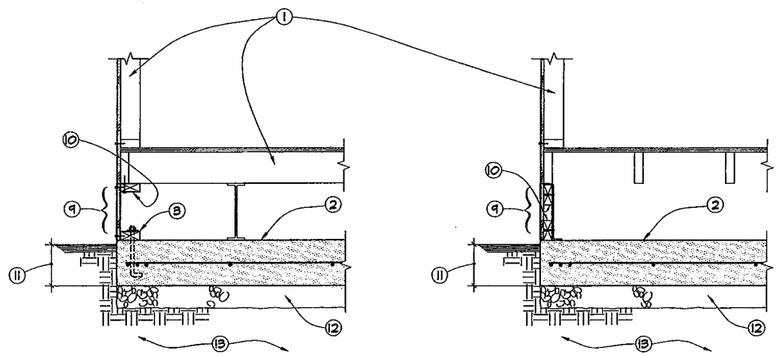
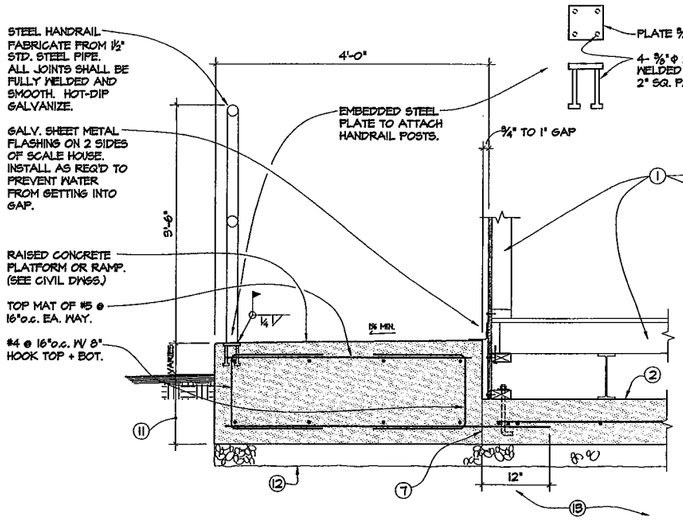
Sheet
S2

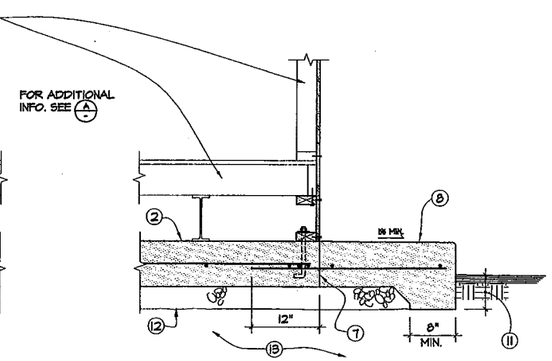


DETAIL A S3
1" = 1'-0"

DETAIL B S3
1" = 1'-0"



DETAIL C S3
1" = 1'-0"



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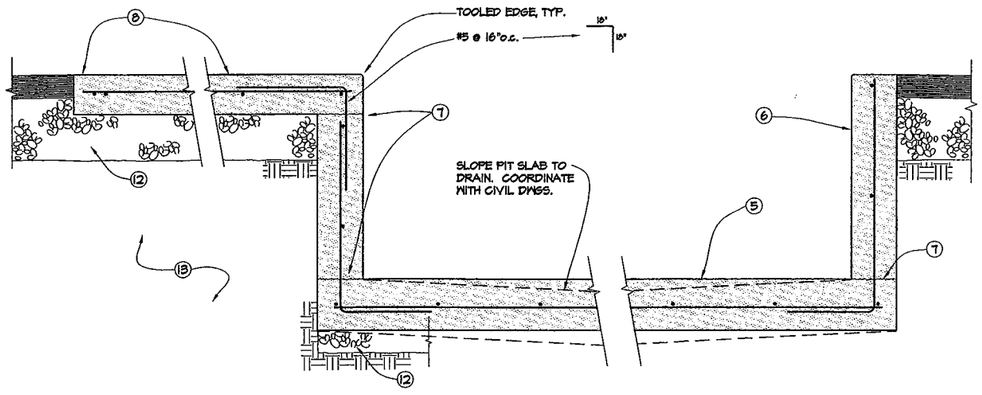
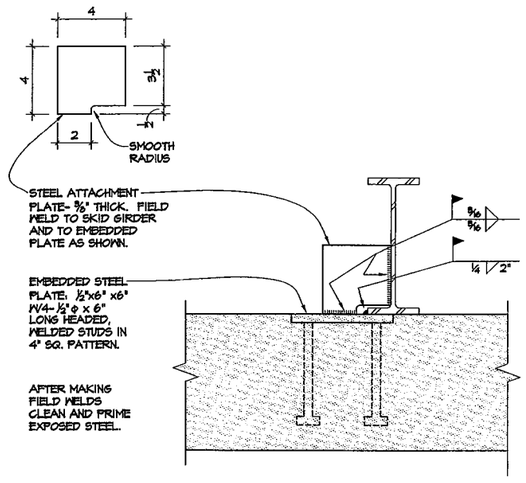


DETAIL E S3
1" = 1'-0"

DETAIL F S3
1" = 1'-0"



SKID GIRDER ATTACHMENT DETAIL G S3
3"=1'-0"

LEGEND: (applies to sheet S3 only)

1. EXISTING PORTABLE BUILDING STRUCTURE WITH STEEL SKID GIRDERS AND WOOD FRAMING ABOVE. RELOCATE AND SECURE TO NEW FOUNDATION PAD AS SHOWN.
2. NEW CONCRETE FOUNDATION PAD, 8" THICK REINFORCE WITH MAT OF #5 @ 16"o.c. EA. WAY AT MID-DEPTH PLUS 3-#5 CONTINUOUS AROUND PERIMETER.
3. INSTALL 2x4 PRESSURE TREATED PLATE TO SUPPORT BOTTOM EDGE OF PLYWOOD SKIRT. SECURE WITH ½"ø HOT-DIP GALV. ANCHOR BOLTS AT 3' o.c. EMBED 5". (6" MAX. FROM ENDS OF EA. PIECE OF 2x4). USE HOT-DIP GALV. WASHERS AND FIXING NUTS.
4. EMBEDDED STEEL PLATE WITH ANCHORS FOR SECURING STEEL SKID GIRDERS. SEE E S3 FOR FIELD CONNECTION.
5. CONCRETE PIT SLAB, 9" THICK WITH MAT OF #5 @ 16"o.c. EA. WAY AT MID DEPTH.
6. CONCRETE PIT WALLS, 8" THICK W/ #5 @ 16"o.c. EA. WAY AT CENTER. VERTICAL BARS SHALL PROJECT UP FROM SLAB AS SHOWN WITH 16" HOOK AT BOTTOM.
7. COLD JOINT (SUGGESTED LOCATION), MAKE CLEAN + ROUGH.
8. CONCRETE PAVEMENT PER CIVIL DRAWINGS. 7" THICK WITH MAT OF #5 @ 16"o.c. EA. WAY.
9. INSTALL NEW EXTERIOR PLYWOOD SIDING AS A SKIRT FROM BOTTOM OF BUILDING TO GRADE. HOLD BOTTOM EDGE OF PLYWOOD UP ½" OFF CONCRETE. THEN CAULK WITH SILICONE SEALANT. PUT VENTS AROUND PERIMETER AS REQ'D BY CODE.
10. INSTALL WOOD NAILERS AS REQUIRED TO SUPPORT PLYWOOD SKIRT. SECURE WITH 16d NAILS OR No. 10 WOOD SCREWS AT 12"o.c.
11. THICKEN EDGE OF SLAB SO THAT IT IS AT LEAST 6" BELOW ADJACENT FINISHED GRADE.
12. PLACE 4" THICK LAYER OF CALTRANS CLASS 2 AGGREGATE BASE ROCK. COMPACT TO 90% MIN.
13. PREPARE SOIL AS REQ'D BY PAGES 3 AND 4 OF SOILS REPORT.

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Sheet
S3