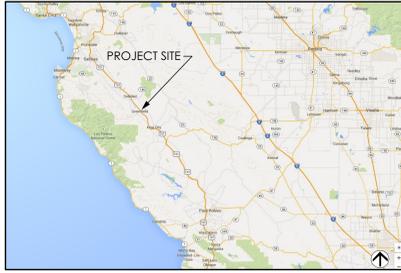


VICINITY MAP



LOCATION MAP



PROJECT SITE:
APPLE AND 3RD STREET
GREENFIELD CA. 93927

PARK CONSTRUCTION DOCUMENTS

FOR

GREENFIELD COMMUNITY PARK

GREENFIELD, CALIFORNIA 93927

DESIGNED FOR:
THE CITY OF GREENFIELD

P.O. Box 127
559 El Camino Real
Greenfield, CA 93927

DOCUMENT INDEX

PG #	SHEET #	TITLE
1	LO.1	TITLE SHEET
2	C.1.1	LAYOUT PLAN - SITE CIRCULATION & DATUMS
3	C.1.2	GRADING PLAN
4	C.1.3	CIVIL ENGINEERING DETAILS
5	C.1.4	CIVIL ENGINEERING DETAILS
6	C.1.5	GRADING SECTIONS
7	C.1.6	UTILITY PLAN
8	C.1.7	DEMOLITION PLAN
9	C.1.8	EROSION CONTROL PLAN
10	E.1.1	ELECTRICAL SYMBOLS SPECIFICATIONS & SCHEDULES
11	E.1.2	ELECTRICAL SITE PLAN
12	E.1.3	ELECTRICAL EXTERIOR LIGHTING TITLE 24
13	E.2.1	ELECTRICAL INTERIOR LIGHTING TITLE 24
14	E.2.2	ELECTRICAL BATHROOM PLANS
15	A.1.1	COVER SHEET ARCHITECTURAL
16	A.1.2	FLOOR PLAN SCHEDULE
17	A.1.3	REFLECTED CEILING PLAN & ROOF PLAN
18	A.1.4	EXTERIOR ELEVATIONS & BUILDING SECTION
19	A.1.5	ACCESSIBILITY NOTES-DETAILS
20	A.1.6	ARCHITECTURAL DETAILS
21	A.1.7	GENERAL NOTES & SPECIFICATIONS
22	S1.1	STRUCTURAL GENERAL NOTES
23	S1.2	BATHROOM - STRUCTURAL TYPICAL DETAILS
24	S1.3	BATHROOM - STRUCTURAL FOUNDATION PLAN
25	S1.4	BATHROOM ROOF FRAMING PLAN
26	S1.5	BATHROOM STRUCTURAL DETAILS
27	MP1.1	MECHANICAL HVAC, PIPING & ENERGY NOTES
28	MP1.2	PLUMBING FLOOR & ROOF PLANS
29	MP1.3	PLUMBING RISER DIAGRAMS
30	L1.1	SITE ACCESSIBILITY & PLAY AREA PLAN
31	L2.1	AMENITIES AND DETAIL REFERENCES PLAN
32	L2.2	ADVENTURE TRAIL AREA ENLARGEMENT PLAN
33	L2.3	EXPLORATION PLAY AREA ENLARGEMENT PLAN
34	L2.4	ENTRY WALK AND AMPITHEATER PLAN
35	L3.1	CONSTRUCTION DETAILS - FLATWORK, EDGIGN & BOULDERS
36	L3.2	CONSTRUCTION DETAILS - STAIRS, RETAINING WALLS & AMENITIES
37	L3.3	CONSTRUCTION DETAILS - COURT PLAY & FENCES
38	L3.4	CONSTRUCT. DETAILS - TENNIS, FENCES, SIGNS, CUSTOM PLAY
39	L3.5	CONSTRUCTION DETAILS - MONUMENT,PERGOLA & TURF SLIDE
40	L3.6	CONSTRUCTION DETAILS - WATER PLAY
41	L3.7	FAUX ROCK CLIMBING WALL
42	L4.1	IRRIGATION PLAN
43	L4.2	IRRIGATION DETAILS
44	L4.3	IRRIGATION DETAILS
45	L4.4	IRRIGATION CALCULATIONS
46	L5.1	PLANTING PLAN
47	L5.2	PLANTING DETAILS
48	L3.8	CONSTRUCTION DETAILS
49	L3.9	CONSTRUCTION DETAILS



GENERAL NOTES:

- ALL WORK ON THIS PROJECT SHALL BE PERFORMED ACCORDANCE WITH THE LATEST EDITION OF THE "CITY OF GREENFIELD DEPARTMENT OF PUBLIC WORKS STANDARDS", STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC), AND THE CONTRACT DOCUMENTS, IF ANY. ALL REFERENCED SPECIFICATIONS AND DETAILS SHALL BE PART OF THE CONTRACT DOCUMENTS, AND STANDARD PLANS AND SPECIFICATIONS ARE MADE A PART HEREOF AS IF SPELLED OUT IN THEIR ENTIRETY HEREOF.
- VERIFY DIMENSIONS AND CONDITIONS AT THE SITE BEFORE STARTING WORK. ANY CONFLICT BETWEEN DETAILS OR DIMENSIONS ON THE DRAWINGS SHALL BE REPORTED PROMPTLY TO THE CITY'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT OF RECORD WHO WILL DETERMINE THE INTENT OF THE DRAWINGS.
- CONTRACTOR SHALL NOTIFY THE CITY'S ENGINEER, LANDSCAPE ARCHITECT AND ALL OTHER INTERESTED PARTIES AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO THE START OF WORK.
- AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE REGIONAL NOTIFICATION CENTER (UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA 1-800-227-2600) AND REQUEST THAT UTILITY OWNERS MARK OR OTHERWISE INDICATE THE FACILITIES ON SITE. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT ALL UTILITIES AND ALL STRUCTURES FOUND AT THE SITE.
- ALL REQUIRED PERMITS AND NECESSARY CITY BUSINESS LICENSE(S) SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO BEGINNING CONSTRUCTION AND BE PRESENT ON SITE AT ALL TIMES.
- DURING ALL PHASES OF CONSTRUCTION, INCLUDING SUSPENSION OF WORK, UNTIL FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBSERVE, FOLLOW AND IMPLEMENT ALL THE REQUIREMENTS OF THE NPDES AND STORMWATER POLLUTION PREVENTION PROGRAM AND KEEP THE WORK SITE CLEAN AND FREE FROM RUBBISH AND DEBRIS. THE CONTRACTOR SHALL ALSO ABATE DUST NUISANCE BY CLEANING, SWEEPING AND SPRINKLING WITH WATER AND USING DUST FENCES OR OTHER METHODS AS DIRECTED BY THE CITY'S ENGINEER THROUGHOUT THE CONSTRUCTION OPERATION.
- THE CONTRACTOR SHALL KEEP A STRICT RECORD OF ALL CITY APPROVED CHANGES AND SUBMIT THIS RECORD TO THE CITY PUBLIC WORKS DEPARTMENT. THE CONTRACTOR SHALL ALSO COORDINATE TRANSFERRING "AS-BUILT" INFORMATION ON THE CONTRACT DRAWINGS AND DELIVER THE CERTIFIED "AS-BUILT" PLANS TO THE CITY BEFORE THE RELEASE FOR OCCUPANCY OR FINAL ACCEPTANCE OF THE PROJECT SHALL BE FILED.
- THE CONTRACTOR SHALL EXERCISE DUE CARE TO AVOID INJURY TO EXISTING IMPROVEMENTS OR FACILITIES, UTILITY FACILITIES, ADJACENT PROPERTY, AND TREES AND SHRUBBERY THAT ARE NOT TO BE REMOVED. ALL DAMAGE CAUSED TO PUBLIC STREETS, INCLUDING HAUL ROUTES, ALLEYS, SIDEWALKS, CURBS OR STREET FURNISHINGS, OR TO PRIVATE PROPERTY SHALL BE REPAIRED AT THE SOLE EXPENSE OF THE CONTRACTOR TO THE SATISFACTION OF THE CITY'S ENGINEER.
- WHEN THE WORK OR ANY PORTION OF IT IS SUFFICIENTLY COMPLETE TO BE UTILIZED OR PLACED INTO SERVICE, THE CITY SHALL HAVE THE RIGHT UPON WRITTEN NOTIFICATION TO THE CONTRACTOR TO UTILIZE SUCH PORTIONS OF THE WORK AND TO PLACE THE OPERABLE PORTIONS INTO SERVICE AND TO OPERATE SAME. UPON SAID NOTICE AND COMMENCEMENT OF UTILIZATION OR OPERATION BY THE CITY, THE CONTRACTOR SHALL BE RELIEVED OF THE DUTY OF MAINTAINING THE PORTIONS SO UTILIZED OR PLACED INTO OPERATION; PROVIDED, HOWEVER, THAT NOTHING IN THIS NOTE SHALL BE CONSTRUED AS RELIEVING THE CONTRACTOR OF THE FULL RESPONSIBILITY FOR COMPLETING THE WORK IN ITS ENTIRETY, FOR MAKING GOOD ANY DEFECTIVE WORK AND MATERIALS RESULTING FROM THIS CONSTRUCTION, FOR PROTECTING THE WORK FROM DAMAGE, AND FOR BEING RESPONSIBLE FOR DAMAGE.
- THE CONTRACTOR SHALL SO CONDUCT HIS OPERATIONS AS TO OFFER THE LEAST POSSIBLE OBSTRUCTION AND INCONVENIENCE TO THE PUBLIC, AND HE SHALL HAVE UNDER CONSTRUCTION NO GREATER LENGTH OR AMOUNT OF WORK THAN HE CAN PROSECUTE PROPERLY WITH DUE REGARD TO THE RIGHTS OF THE PUBLIC. CONVENIENT ACCESS TO DRIVEWAYS, HOUSES, AND BUILDINGS ALONG THE LINE OF WORK SHALL BE MAINTAINED AND TEMPORARY CROSSINGS SHALL BE PROVIDED AND MAINTAINED IN GOOD CONDITION. NO MORE THAN ONE CROSSING OR INTERSECTION STREET OR ROAD SHALL BE CLOSED AT ANY ONE TIME. ACCESS TO ADJACENT RESIDENCES SHALL BE MAINTAINED AT ALL TIMES.
- UNTIL THE ACCEPTANCE OF THE WORK, THE CONTRACTOR SHALL HAVE THE RESPONSIBLE CHARGE AND CARE OF THE WORK AND OF THE MATERIALS TO BE USED THEREIN (INCLUDING MATERIALS FOR WHICH HE HAS RECEIVED PARTIAL PAYMENT OR MATERIALS WHICH HAVE BEEN FURNISHED BY THE CITY) AND SHALL BEAR THE RISK OF INJURY, LOSS, OR DAMAGE TO ANY PART THEREOF BY THE ACTION OF ELEMENTS OR FROM ANY OTHER CAUSE, WHETHER ARISING FROM THE EXECUTION OR FROM THE NONEXECUTION OF THE WORK.
- DESIGNATE AND KEEP ON THE PROJECT AT ALL TIMES WHILE WORK IS BEING PERFORMED A COMPETENT SUPERINTENDENT WHO SHALL NOT BE REPLACED WITHOUT A WRITTEN NOTICE TO THE CITY'S REPRESENTATIVE. THE SUPERINTENDENT WILL BE THE CONTRACTOR'S REPRESENTATIVE AT THE SITE AND SHALL HAVE AUTHORITY TO ACT ON BEHALF OF THE CONTRACTOR. ALL COMMUNICATIONS GIVEN TO THE SUPERINTENDENT SHALL BE AS BINDING AS IF GIVEN TO THE CONTRACTOR. DURING PERIODS WHEN THE WORK IS SUSPENDED, MAKE APPROPRIATE ARRANGEMENTS FOR ANY EMERGENCY WORK WHICH MAY BE REQUIRED.
- SECTION 4-1.4 "TEST OF MATERIALS" OF THE "GREEN BOOK" SHALL BE MODIFIED TO READ "THAT THE COST OF ALL INITIAL TESTING AND RETESTING TO BE PERFORMED UNDER THE DIRECTION OF THE CITY'S REPRESENTATIVE SHALL BE BORNE BY THE CONTRACTOR."
- IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK, AND THE CONTRACTOR SHALL FULLY COMPLY WITH ALL STATE, FEDERAL AND OTHER LAWS, RULES, REGULATIONS, AND ORDERS RELATING TO SAFETY OF WORKERS AND ALL OTHERS. THIS MAY INCLUDE THE ISSUANCE OF PERSONAL PROTECTIVE EQUIPMENT.
- ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR THOSE SHOWN ON RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE CONTRACTOR, BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT HERETO, UNDERSTANDS THAT HE AGREES TO ASSUME THE LIABILITY, AND AGREES TO HOLD THE CITY HARMLESS FOR ANY LIABILITY FOR DAMAGE RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE CITY, NOT INDICATED ON THE PUBLIC RECORDS EXAMINED, OR LOCATED AT VARIANCE WITH THAT REPORTED OR SHOWN ON RECORDS EXAMINED. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.

RESPONSIBLE AGENCIES & CONSULTANTS

AGENCY/CLIENT	CONTACT PERSON	PHONE NUMBER
PROJECT MANAGER THE CITY OF GREENFIELD	MIC STEINMANN	(831) 674-5591
CONSULTANTS		
ARCHITECT BARBARA RICKETTS ARCHITECTS	BARBARA RICKETTS	(805) 499-2793
LANDSCAPE ARCHITECT PACIFIC COAST LAND DESIGN, INC.	CHRIS ROBERTS	(805) 644-9697
CIVIL ENGINEER MNS ENGINEERS, INC.	GREG KNUDSON	(805) 692-6921
ELECTRICIAN ENGINEER ALAN NOELLE ENGINEERING	ALAN NOELLE	(805) 563-5444
STRUCTURAL ENGINEER RGSE, INC. STRUCTURAL	RAMON GARCIA	(805) 522-3379
UTILITIES (CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES OR UTILITIES 48 HOURS PRIOR TO STARTING CONSTRUCTION OR EXCAVATION.)		
CITY OF GREENFIELD		(831) 674-5591
DIG-ALERT		(800) 227-2600

consultant logo here:

client:
THE CITY OF GREENFIELD
559 EL CAMINO REAL
GREENFIELD CA. 93927



revisions:

2/14/14 xx

project:

GREENFIELD COMMUNITY PARK

APPLE AND 3RD STREET

GREENFIELD CALIFORNIA, 93927

date: 11/02/2015
drawn by: JH
checked by: CR
PCLD project #: 416



TITLE SHEET

LO.1

Curve Table				
Curve #	R	Δ	T	L
C1	14.94	44.98	6.18	11.73
C2	17.36	72.64	12.76	22.01
C3	58.81	63.59	36.46	65.27
C4	44.36	69.68	30.87	53.94
C5	52.03	58.27	29.00	52.92
C6	123.31	61.53	73.40	132.42
C7	45.53	45.57	19.12	36.21
C8	109.33	28.05	27.31	53.53
C9	50.17	129.32	105.93	113.23
C10	115.48	43.85	46.47	88.37
C11	53.08	124.87	101.69	115.69
C12	169.22	25.12	37.69	74.18
C13	384.23	26.54	90.62	177.99
C14	97.11	48.91	44.16	82.89
C15	53.65	141.41	153.27	132.42
C16	99.31	41.74	37.87	72.35
C17	59.82	39.54	21.50	41.28
C18	23.98	64.18	15.03	26.86
C19	60.99	65.19	39.00	69.39
C20	38.72	101.22	47.15	68.39
C21	122.81	58.27	68.45	124.90
C22	140.15	38.17	48.50	93.38

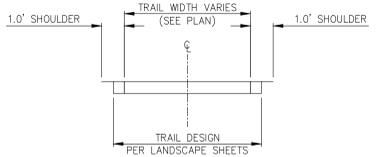
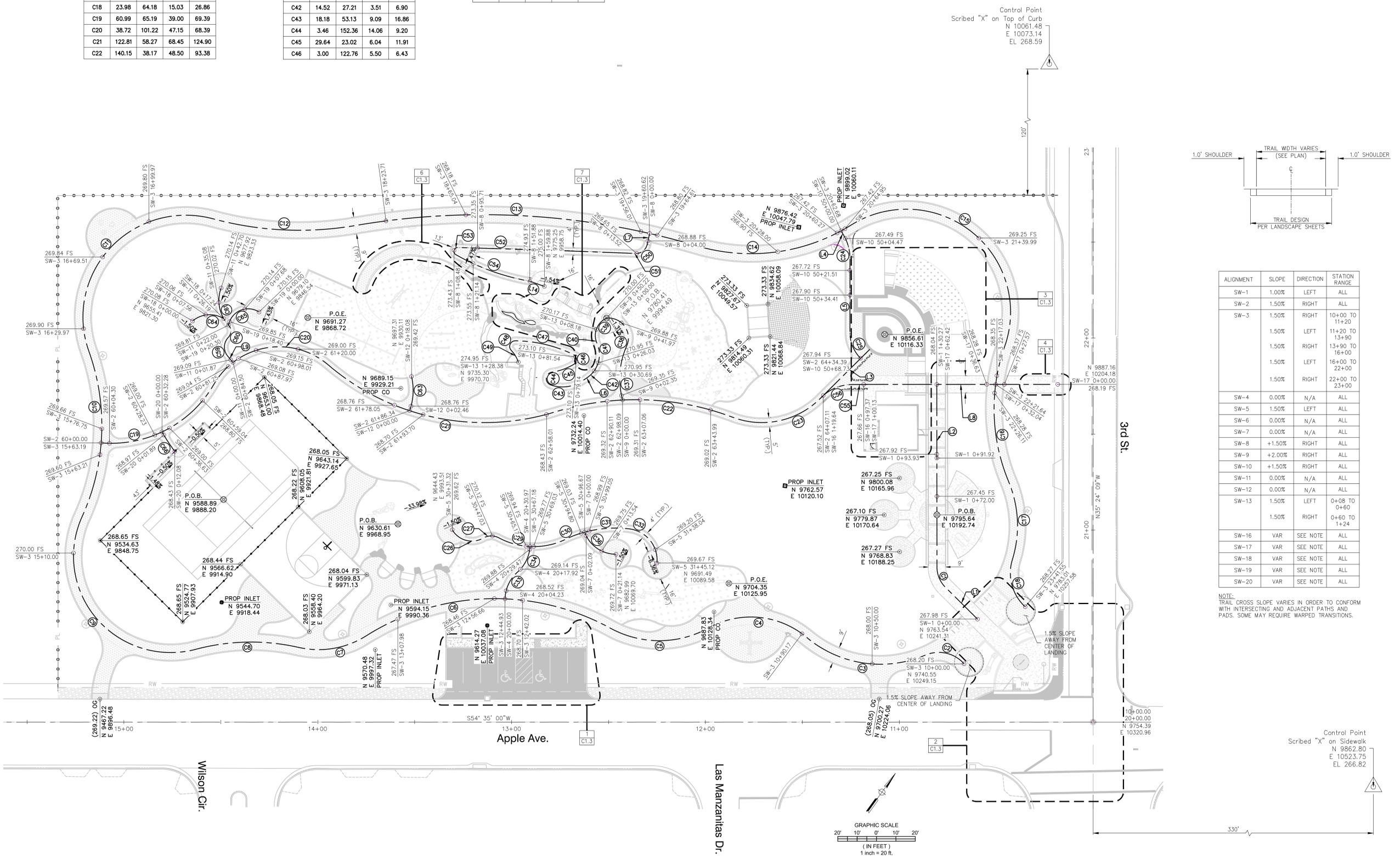
Curve Table				
Curve #	R	Δ	T	L
C23	42.29	65.91	27.42	48.65
C24	23.97	28.75	6.14	12.03
C25	18.99	44.82	7.83	14.85
C26	11.69	90.21	11.74	18.41
C27	8.12	58.83	4.58	8.34
C29	37.65	55.55	19.83	36.51
C30	37.65	6.52	2.15	4.29
C31	60.79	26.98	14.58	28.63
C32	16.34	89.05	16.07	25.40
C33	19.32	46.78	8.35	15.77
C34	19.57	44.51	8.01	15.20
C36	17.08	70.90	12.16	21.14
C37	42.60	38.45	14.85	28.59
C38	10.33	120.03	17.90	21.64
C39	9.99	47.19	4.36	8.23
C40	9.99	42.22	3.86	7.36
C41	14.52	53.15	7.26	13.47
C42	14.52	27.21	3.51	6.90
C43	18.18	53.13	9.09	16.86
C44	3.46	152.36	14.06	9.20
C45	29.64	23.02	6.04	11.91
C46	3.00	122.76	5.50	6.43

Curve Table				
Curve #	R	Δ	T	L
C47	69.51	25.43	15.68	30.85
C48	2.96	134.44	7.04	6.93
C49	15.88	26.11	3.68	7.24
C50	6.04	83.96	5.43	8.85
C51	1.62	11.81	0.17	0.33
C52	6906.71	0.76	45.58	91.15
C53	2.00	151.78	7.96	5.30
C54	118.35	19.73	20.58	40.75
C55	751.33	0.60	3.96	7.93
C56	22.39	47.62	9.88	18.61
C59	7.36	83.36	6.55	10.71
C60	4.65	86.29	4.36	7.00
C61	18.99	62.44	11.51	20.69
C63	31.58	32.81	9.30	18.08
C64	13.69	72.16	9.98	17.24
C65	10.28	113.20	15.58	20.30
C66	101.33	6.87	6.08	12.14

Line Table		
Line #	Length	Direction
L1	23.42'	N80° 26' 48.75"W
L2	95.19'	N35° 28' 09.14"W
L3	36.23'	N9° 30' 47.12"E
L6	3.00'	S20° 56' 44.81"W
L7	5.50'	S22° 27' 06.92"E
L8	100.13'	SS4° 35' 06.92"W
L9	4.30'	N74° 57' 07.88"W
L14	8.00'	N74° 20' 42.56"E

NOTICE:
 MINOR DIMENSIONS, OUTSIDE PATH RADII AND SIMILAR DETAILING PROVIDED ON LANDSCAPE AND ARCHITECTURAL PLANS. CONTRACTOR TO REVIEW PLANS AND LAYOUT COMPLETE PROJECT CONSTRUCTION. NOTIFY OWNER'S REPRESENTATIVE BY RFI TO REQUEST LAYOUT FOR ANY LOCATIONS WHERE DESIGN INTENT IS AMBIGUOUS OR UNCLEAR

client:
THE CITY OF GREENFIELD
 559 EL CAMINO REAL
 GREENFIELD CA, 93927
 revisions:
 project:



ALIGNMENT	SLOPE	DIRECTION	STATION RANGE
SW-1	1.00%	LEFT	ALL
SW-2	1.50%	RIGHT	ALL
SW-3	1.50%	RIGHT	10+00 TO 11+20
	1.50%	LEFT	11+20 TO 13+90
	1.50%	RIGHT	13+90 TO 16+00
	1.50%	LEFT	16+00 TO 22+00
	1.50%	RIGHT	22+00 TO 23+00
SW-4	0.00%	N/A	ALL
SW-5	1.50%	LEFT	ALL
SW-6	0.00%	N/A	ALL
SW-7	0.00%	N/A	ALL
SW-8	+1.50%	RIGHT	ALL
SW-9	+2.00%	RIGHT	ALL
SW-10	+1.50%	RIGHT	ALL
SW-11	0.00%	N/A	ALL
SW-12	0.00%	N/A	ALL
SW-13	1.50%	LEFT	0+08 TO 0+60
	1.50%	RIGHT	0+60 TO +24
SW-16	VAR	SEE NOTE	ALL
SW-17	VAR	SEE NOTE	ALL
SW-18	VAR	SEE NOTE	ALL
SW-19	VAR	SEE NOTE	ALL
SW-20	VAR	SEE NOTE	ALL

NOTE:
 TRAIL CROSS SLOPE VARIES IN ORDER TO CONFORM WITH INTERSECTING AND ADJACENT PATHS AND PADS. SOME MAY REQUIRE WARPED TRANSITIONS.

date: 01/21/2016
 drawn by: F. ZINKEWICH
 checked by: G. KNUDSON RCE53369
 PCLD project #: 416

LAYOUT PLAN -
 SITE CIRCULATION
 AND DATUMS
C1.1

CONSTRUCTION KEY NOTES

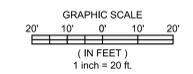
- 11 CLEAR AND GRUB PARK DEVELOPMENT SITE AND STREET FRONTAGE. REMOVE OR PROTECT EXISTING FEATURES PER DEMOLITION PLAN.
- 12 EXCAVATE, SCARIFY, FILL AND COMPACT CONTOUR GRADING FOR PARK. SEE NOTES AND SPECIFICATIONS.
- 13 CONTOUR GRADING EARTHEN FLOWLINE
- 14 PROVIDE EXCAVATED CAVITY 1.4' BELOW FINISH GRADE CONTOURS FOR WOOD CHIP SOFT-FALL PLAY SURFACE. SEE LANDSCAPE PLANS.
- 15 PROVIDE EXCAVATED CAVITY 1.0' BELOW FINISH GRADE CONTOURS FOR POURED RUBBER PLAY SURFACE. SEE LANDSCAPE PLANS.
- 16 PROVIDE EXCAVATED CAVITY 1.5' BELOW FINISH GRADE CONTOURS FOR SAND PLAY SURFACE. SEE LANDSCAPE PLANS.
- 22 CONSTRUCT TYPE A HMA DIKE PER DETAIL 5, SHEET C1.4.
- 23 CONSTRUCT COBBLE STONE WIDENING PER LANDSCAPE PLANS
- 24 CONSTRUCT 3-FOOT-WIDE RAISED DETECTABLE WARNING SURFACE

- 51 CONSTRUCT PORTLAND CEMENT CONCRETE PARK HARDSCAPE IMPROVEMENTS PER LANDSCAPE PLAN AND DETAILS. PREPARE AND COMPACT SUBGRADE PER GRADING NOTES AND SPECIFICATIONS
- 52 CONSTRUCT DECOMPOSED GRANITE PARK PATH WITH CONCRETE HEADER PER LANDSCAPE PLAN AND DETAILS. PREPARE AND COMPACT SUBGRADE PER GRADING NOTES AND SPECIFICATIONS.
- 53 CONSTRUCT SPORTS COURT PER LANDSCAPE PLAN AND DETAILS. PREPARE AND COMPACT SUBGRADE PER GRADING NOTES AND SPECIFICATIONS.
- 54 PREPARE SUBGRADE FOR RESTROOM BUILDING. REMOVE AND EXCAVATE SOIL CAVITY TO 1 FOOT BELOW BOTTOM OF SLAB ELEVATION AND 1 FOOT BEYOND BUILDING WALLS. SCARIFY, COMPACT SUBGRADE AND PLACE PROCESSED MISCELLANEOUS BASE CAVITY FILL PER GRADING NOTES AND SPECIFICATIONS.
- 59 CONSTRUCT CLIMBING WALL PER LANDSCAPE PLAN AND DETAILS
- 61 CONSTRUCT 24" X 24" PRECAST CONCRETE DROP INLET AND GALVANIZED STEEL GRATE PER DETAIL 7, SHEET C1.4.
- 62 CONSTRUCT 18" X 18" PRECAST CONCRETE DROP INLET AND GALVANIZED STEEL GRATE PER DETAIL 7, SHEET C1.4.
- 63 CONSTRUCT 12" X 12" PRECAST CONCRETE DROP INLET AND GALVANIZED STEEL GRATE PER DETAIL 7, SHEET C1.4.

- 64 CONSTRUCT DRAIN CLEAN OUT PER DETAIL 9, SHEET C1.4.
- 65 CONSTRUCT AS NOTED PVC DRAIN PIPE (ASTM D3034; SDR 35), NOMINAL DIAMETER AS NOTED, PER DETAIL 8, SHEET C1.4.
- 66 CONSTRUCT STORM WATER INFILTRATION CHAMBER ASSEMBLY PER DETAIL 1, SHEET C1.4.
- 67 SUBSURFACE STONE COBBLE INFILTRATION PER DETAIL 1, SHEET C1.4. SIZE TO DISPOSE EXCESS SITE COBBLE
- 68 CONSTRUCT 4" PVC LATERAL WYE AND CLEAN OUT BETWEEN PERF. PIPE AND SITE DRAIN PER DETAIL 9, SHEET C1.4.
- 69 CONSTRUCT FALL SURFACE SUB-DRAIN PER DETAIL 10, SHEET C1.4. SLOPE 1.0% MIN. TO POINT OF DISCHARGE. PROVIDE CONCEALED CLEANOUT AT HIGH POINTS AND UPSLOPE TERMINATIONS PER DETAIL 11, SHEET C1.4. PROVIDE LONG SWEEP CURVES AT ANGLE POINTS

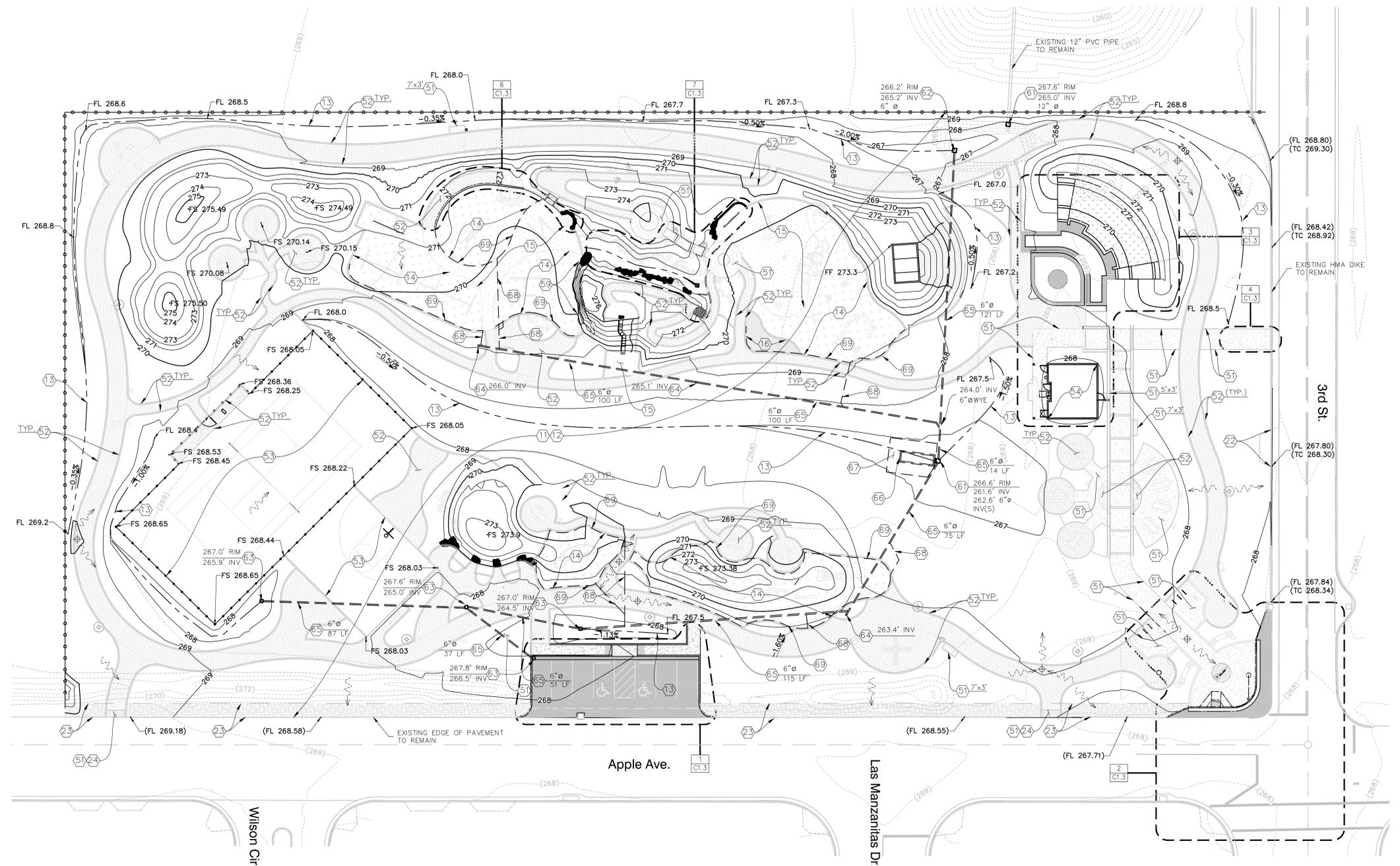
LEGEND

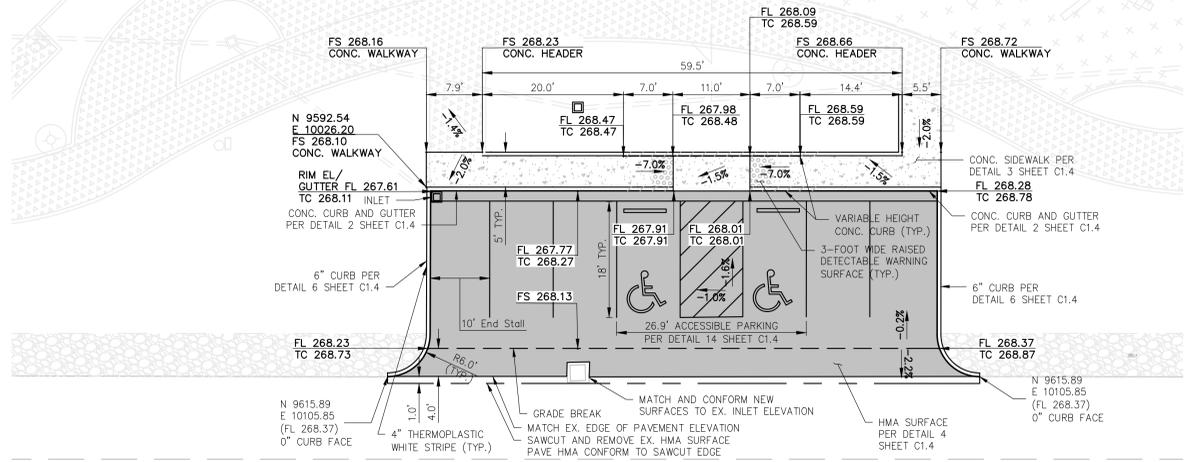
-----{XXX}-----	Denotes Existing Contour		0.20' Min Hot Mix Asphalt Pavement
---XXX---	Denotes Proposed Contour		Cobble Stone
XXX.X	Denotes Proposed Elevation		Concrete Walkway
(X)	Construction Note Reference		Sand Play
	ADA Detectable Warning Surface		Pipe Drain & Clean Out As Noted
	Decomposed Granite Walkway		Soft Fall Perforated Pipe Sub-Drain and concealed cleanout
	Wood Chip Fall Surface		Earthen Swale (Flowline)
	Rubber Fall Surface		XXX Flowline grade
	Decorative Boulders per Landscape Plans		Surface Flow Direction
	Retaining Boulders per Landscape Plans		Local High/Low Point
	Grading Detail Callout		XXX Proposed Grade
	Construction Key Note Callout		(XXX) Existing Grade



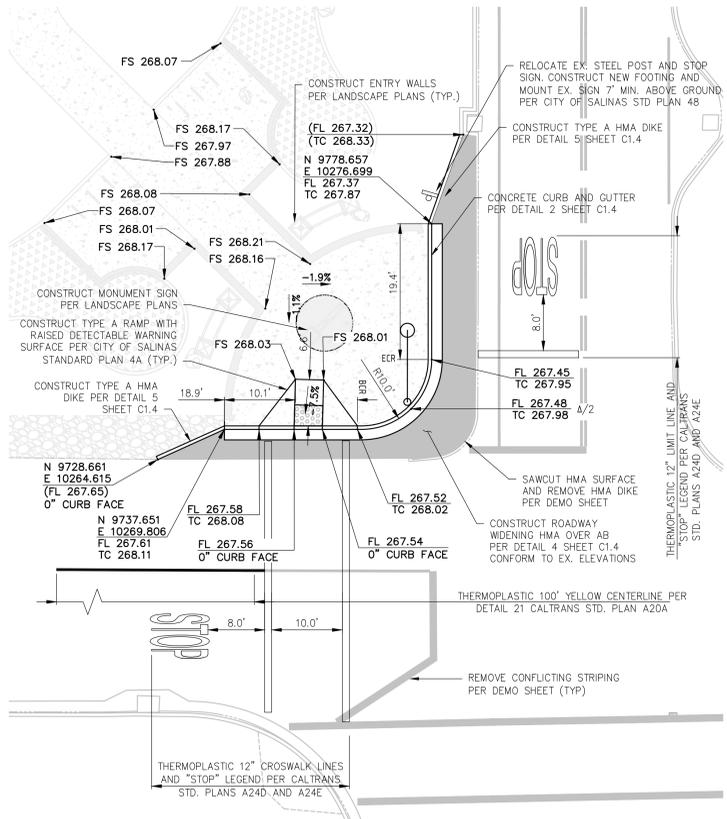
GRADING NOTES

1. GRADING OPERATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH SECTION 300, "GRADING," OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND THE PROJECT SPECIFICATIONS. GRADING SHALL ALSO COMPLY WITH SECTION 3304, "SITE WORK," APPENDIX J, "GRADING," OF THE 2013 CALIFORNIA BUILDING CODE.
2. CONTRACTOR SHALL CONTINUOUSLY CONTROL DUST RESULTING FROM GRADING AND CONSTRUCTION OPERATIONS THROUGH WATERING OR OTHER SUITABLE METHODS.
3. GRADING SHALL NOT EXTEND BEYOND THE BOUNDARIES OF ADJACENT PROPERTIES.
4. PROTECT EXISTING TREES TO REMAIN BY PROVIDING TEMPORARY FENCING AT THE DRIP LINE.
5. ALL VEGETATIVE AND OBJECTIONABLE MATERIALS INCLUDING ROOT BALLS SHALL BE CLEARED AND REMOVED FROM THE EXISTING SURFACES AND DISPOSED OFF-SITE.
6. PROCESS AND MANAGE COBBLE ENCOUNTERED DURING EXCAVATION AND EARTHWORK IN ACCORDANCE WITH THE GRADING NOTES, THE PROJECT SPECIFICATIONS AND THE FOLLOWING:
 - VISUALLY IDENTIFY AND REMOVE ROCK AND COBBLE EXCEEDING 8 INCHES IN LEAST DIMENSION WHEN ENCOUNTERED DURING ANY PHASE OF THE EXCAVATION AND GRADING FOR THE PROJECT SITE.
 - PROCESS, SCREEN AND SEPARATE ROCK AND COBBLE FROM EXISTING MOUNDS OF SOIL AND COBBLE OCCURRING ALONG THE APPLE AVENUE FRONTAGE AND AT OTHER LOCATIONS WITHIN THE PROJECT SITE. REMOVE AND STOCKPILE COBBLE EXCEEDING 4 INCHES IN LEAST DIMENSION, UNIFORMLY MIX REMAINING SOILS AND COBBLE SMALLER THAN 4 INCHES IN LEAST DIMENSION WITH THE PROJECT EMBANKMENT FILL.
 - PROCESS, SCREEN, SEPARATE AND REMOVE COBBLE EXCEEDING 4 INCHES IN LEAST DIMENSION FROM ON-SITE SOILS USED AS TRENCH BACKFILL.
 - COBBLE ENCOUNTERED DURING EXCAVATION OF ON-SITE BORROW SOILS LESS THAN 8 INCHES IN LEAST DIMENSION MAY BE BLENDED AND PLACED WITH THE EMBANKMENT FILL PROVIDED THE COBBLE IS NOT DETRIMENTAL TO THE SPREADING, MIXING AND COMPACTION OPERATIONS. REMOVE AND STOCKPILE COBBLE FROM EXCAVATION ONLY AS REQUIRED ACCORDING TO MIXING, MOISTURE CONDITIONING, SPREADING AND COMPACTION OPERATIONS.
 - INSPECT SITE AND REMOVE ALL LOOSE COBBLE OCCURRING ON THE GRADED SURFACES OF LANDSCAPE AREAS FOLLOWING COMPLETION OF THE SITE GRADING.
 - STOCKPILE SEPARATED COBBLE BETWEEN 4 AND 8 INCHES IN LEAST DIMENSION ON-SITE FOR USE IN LANDSCAPE CONSTRUCTION AS IDENTIFIED ELSEWHERE WITHIN THE PROJECT CONSTRUCTION DOCUMENTS. USE REMAINING COBBLE TO CONSTRUCT EXTENDED STORM WATER INFILTRATION SURROUNDING THE PROPOSED INFILTRATION CHAMBER ASSEMBLY.
7. CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS ARE AS SHOWN ON THE PROJECT DRAWINGS PRIOR TO MOBILIZING EQUIPMENT OR STARTING GRADING. IMMEDIATELY NOTIFY OWNER'S REPRESENTATIVE OF OBSERVED DISCREPANCIES.
8. COMPLETE ROUGH GRADING AND REVIEW EARTHWORK VOLUMES WITH OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT PRIOR TO INITIATING HARDSCAPE CONSTRUCTION OR FINISH GRADING.
9. THE DESIGN GRADING SURFACE AND ASSOCIATED EARTHWORK VOLUME CALCULATIONS INDICATE THE SITE WILL BE BALANCED. CONTRACTOR IS RESPONSIBLE FOR BALANCING CUT AND FILL EARTHWORK WITHIN THE SITE TO ENSURE THAT NO EARTH WILL NEED TO BE IMPORTED TO THE SITE AND NO SUITABLE EARTH WILL BE EXPORTED FROM THE SITE. TO ACHIEVE BALANCED EARTHWORK GRADING WITHIN THE PROJECT SITE. COORDINATE WITH OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT REGARDING ADJUSTMENT OF MOUNDING AND SHAPING CONTOURS THAT MAY BE REQUIRED TO BALANCE EARTHWORK WITHIN THE SITE.
10. FILL SHALL BE PLACED IN LIFTS NOT EXCEEDING 6 INCHES IN COMPACTED THICKNESS.
11. PRIOR TO PLACING EXCAVATED SOILS AS EMBANKMENT FILL, OR TRENCH BACKFILL, SEPARATE AND REMOVE COBBLE AS DESCRIBED ELSEWHERE IN THESE GRADING NOTES AND THE PROJECT SPECIFICATIONS. SEPARATE AND REMOVE COBBLE FROM SCARIFIED SOILS ONLY AS REQUIRED TO ACCOMMODATE MIXING, MOISTURE CONDITIONING, SPREADING AND COMPACTION.
 - REQUEST INSPECTION AND OBTAIN APPROVAL OF THE OWNER'S GEOTECHNICAL ENGINEER FOR THE SURFACES TO RECEIVE FILL. CORRECT LOOSE MATERIAL AND COMPRESSIBLE SURFACE SOILS AS DIRECTED BY THE OWNER'S GEOTECHNICAL ENGINEER PRIOR TO PLACING FILL.
 - COORDINATE WITH THE OWNER'S REPRESENTATIVE DURING THE CONSTRUCTION FOR OBSERVATION AND TESTING FILL PLACEMENT AND COMPACTION BY THE OWNER'S GEOTECHNICAL ENGINEER DURING CONSTRUCTION. ACHIEVE RELATIVE COMPACTION FOR SCARIFIED AND FILL SOILS WITHIN THE PROJECT AS FOLLOWS:
 - COMPACT SOILS BENEATH PARKING LOT AND ROADWAY PAVEMENTS TO 95 PERCENT RELATIVE COMPACTION.
 - COMPACT SOILS PLACED WITHIN A 1:1 ZONE OF INFLUENCE OF THE PROPOSED HARDSCAPE, POURED RUBBER FALL SURFACE, PLAY STRUCTURES, AND OTHER FIXED SITE IMPROVEMENTS TO 90 PERCENT RELATIVE COMPACTION.
 - WHENEVER FEASIBLE, LIMIT COMPACTION OF SOILS PLACED IN LANDSCAPE AREAS BEYOND OR OUTSIDE THIS 1:1 ZONE OF INFLUENCE TO NOT LESS THAN 85 PERCENT RELATIVE COMPACTION AND NOT MORE THAN 90 PERCENT RELATIVE COMPACTION.
 - SCARIFY SURFACES TO RECEIVE FILL 6 TO 8 INCHES, MOISTURE CONDITION TO NEAR OPTIMUM MOISTURE CONTENT, AND COMPACT TO THE RELATIVE COMPACTION PERCENTAGE IDENTIFIED ABOVE.
- EXCAVATE ON-SITE BORROW SOILS FROM THE CUT AND EXCAVATION AREAS OF THE SITE, THOROUGHLY MIX SOILS, MOISTURE CONDITION TO NEAR OPTIMUM MOISTURE CONTENT AND SPREAD AS EMBANKMENT FILL. CONSTRUCT THE EMBANKMENT FILL IN HORIZONTAL LOOSE LIFTS NOT EXCEEDING 8 INCHES AND COMPACT EACH FILL LIFT TO THE RELATIVE COMPACTION PERCENTAGE IDENTIFIED ABOVE.
- COMPLETE ROUGH GRADE BY SHAPING AND TRIMMING EXCAVATED AREAS NECESSARY FOR CONSTRUCTION OF THE FIXED PARK IMPROVEMENTS (PATHS, HARDSCAPE, PARKING, ROADWAY, PLAY STRUCTURE FOUNDATIONS AND SIMILAR FEATURES) AND FALL PROTECTION (WOOD CHIP OR RUBBER).
- WHERE THE PROJECT AGRONOMIC REPORTS RECOMMEND IMPORT TOPSOIL OR SOIL AMENDMENTS TO BE PLACED FOR THE PROPOSED TURF AREAS, EXCAVATE AS REQUIRED TO ACCOMMODATE RECOMMENDED IMPORT TOPSOIL OR SOIL AMENDMENTS.
- PREPARE RESTROOM BUILDING PAD FOR SLAB FOUNDATION CONSTRUCTION BY EXCAVATING AN AREA EXTENDING 1 FOOT BEYOND THE FOUNDATION ON ALL SIDES TO A DEPTH OF NOT LESS THAN 1 FOOT BELOW THE BOTTOM OF SLAB ELEVATION. REQUEST INSPECTION AND OBTAIN APPROVAL OF THE EXCAVATED SOIL CAVITY BY THE OWNER'S GEOTECHNICAL ENGINEER. CORRECT LOOSE MATERIAL AND COMPRESSIBLE SURFACE SOILS AS DIRECTED BY THE OWNER'S GEOTECHNICAL ENGINEER PRIOR TO PLACING FILL. SCARIFY SURFACE TO RECEIVE FILL 6 TO 8 INCHES, MOISTURE CONDITION TO NEAR OPTIMUM MOISTURE CONTENT, AND COMPACT TO A MINIMUM OF 95 PERCENT RELATIVE COMPACTION. COMPLETE SUBGRADE TO BOTTOM OF SLAB ELEVATION BY PLACING AND COMPACTING PROCESSED MISCELLANEOUS BASE TO A MINIMUM OF 95 PERCENT RELATIVE COMPACTION.
- FOLLOWING CONSTRUCTION OF THE FIXED PARK IMPROVEMENTS AND FALL PROTECTION, BACKFILL TO COMPLETE AND FINISH REMAINING MINOR CONFORM AREAS ALONG THE EDGES OF THE FIXED IMPROVEMENTS BY PLACING AND COMPACTING TOPSOIL TO A MINIMUM OF 85 PERCENT RELATIVE COMPACTION. COMPLETE IMPORT TOPSOIL OR SOIL AMENDMENTS REQUIRED FOR THE TURF AREAS IN ACCORDANCE WITH REQUIREMENTS OF THE AGRONOMIC REPORT, THE LANDSCAPE PLANS AND THE PROJECT SPECIFICATIONS.
12. PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATED ON CONTROL PLAN ARE FINISH GRADES. CONTRACTOR IS RESPONSIBLE TO LOCATE AND PROVIDE CAVITY SPACE FOR HARDSCAPE FALL PROTECTION AND BUILDING FOUNDATIONS. SET SURFACES TO BE EVEN SLOPES BETWEEN CONTOURS AND PROPOSED SPOT ELEVATIONS EXCEPT AT NOTED GRADE BREAK LINES, NEAR CONFORMS AND WITHIN SWALES.
13. CONSTRUCT SMOOTH AND UNIFORM GRADE TRANSITIONS AT CHANGES IN SLOPE AND CONFORMS TO EXISTING GRADE.
14. COMPLETE ALL GRADING TO PROVIDE POSITIVE DRAINAGE FOR ALL AREAS MAKING ALLOWANCE FOR SOIL SETTLEMENT. MODIFY AND REGRADE ANY AREAS WHERE THERE IS POTENTIAL FOR STANDING WATER.

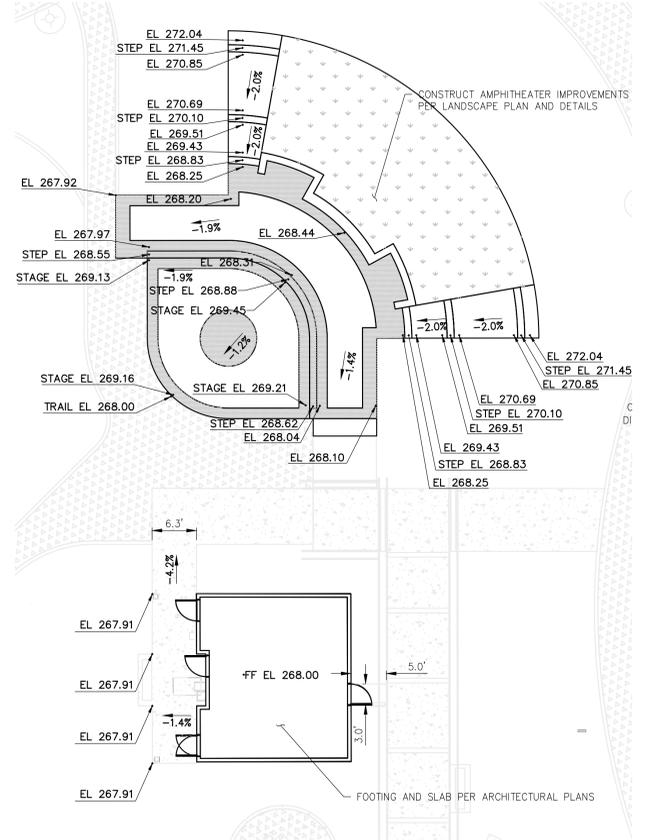




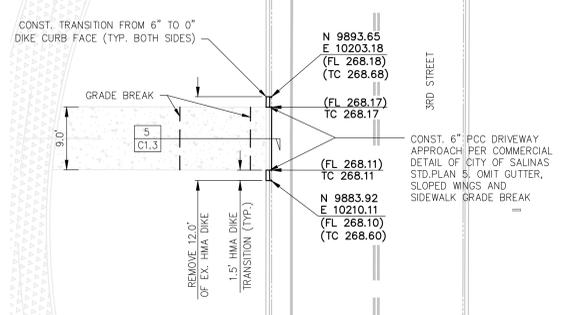
PARKING LOT DETAIL 1
1"=10'



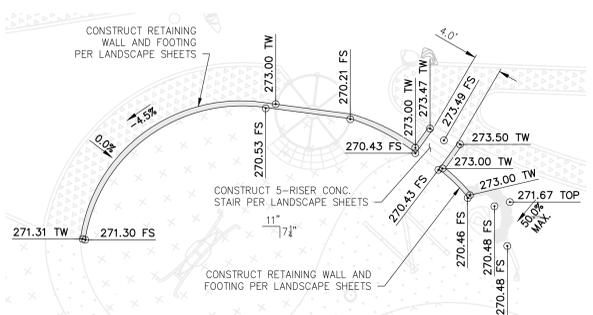
CURB RETURN AND INTERSECTION DETAIL 2
1"=10'



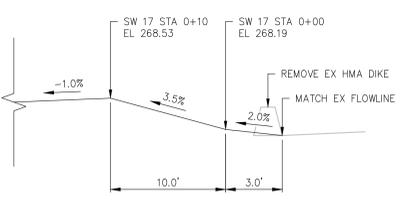
AMPHITHEATER AND RESTROOM LAYOUT DETAIL 3
1"=10'



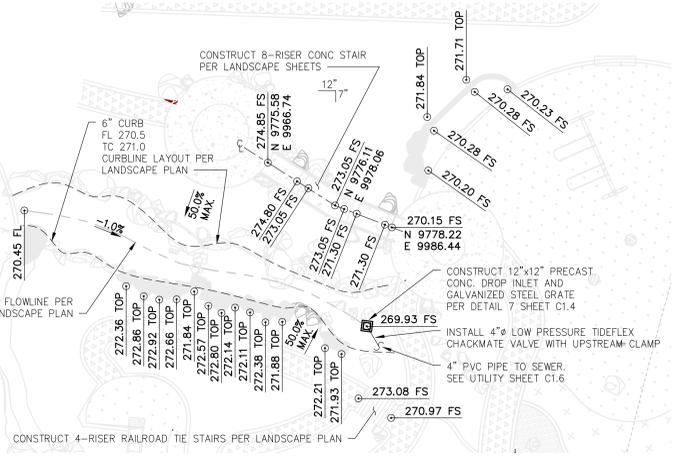
PCC DRIVEWAY DETAIL 4
1"=10'



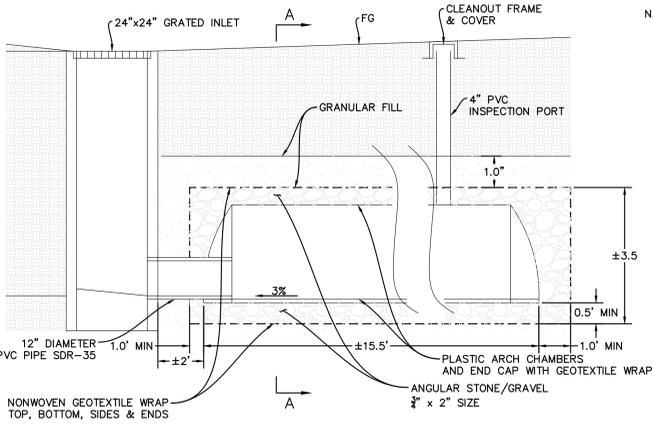
PLAY FORT GRADING DETAIL 6
1"=10'



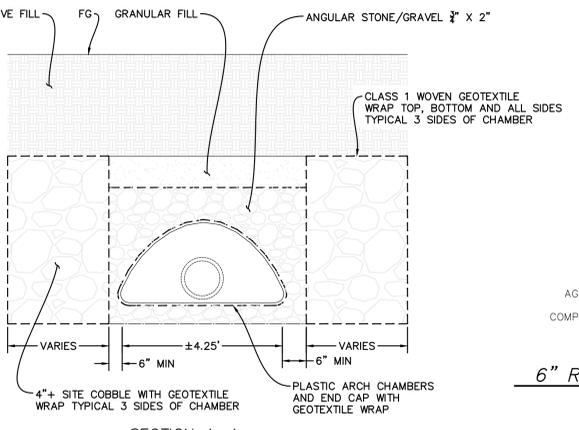
PCC DRIVEWAY SECTION DETAIL 5
NTS



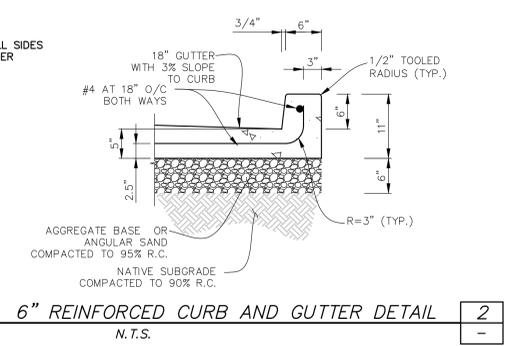
WATER PLAY AREA GRADING DETAIL 7
1"=10'



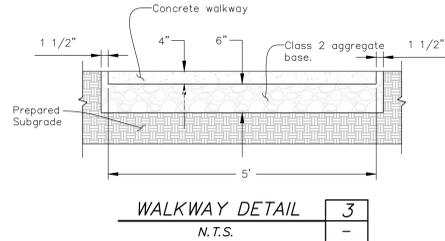
CHAMBERS AND END CAP: CONTECH CHAMBERMAX OR STORMTECH SC-740
 GEOTEXTILE WRAP: 2 LAYERS WOVEN CLASS 1 BOTTOM AND A 1 LAYER NONWOVEN CLASS 2 OVER
 ARCH AND ENDS PER AASHTO M-288
STORMWATER INFILTRATION CHAMBER ASSEMBLY DETAIL 1
 N.T.S.



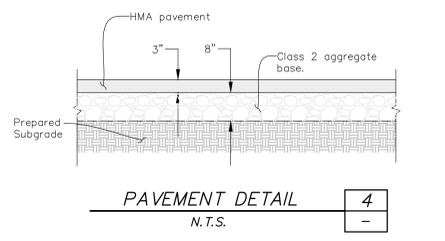
SECTION A-A



6" REINFORCED CURB AND GUTTER DETAIL 2
 N.T.S.

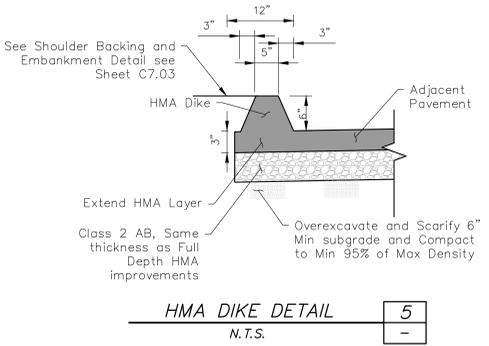


WALKWAY DETAIL 3
 N.T.S.



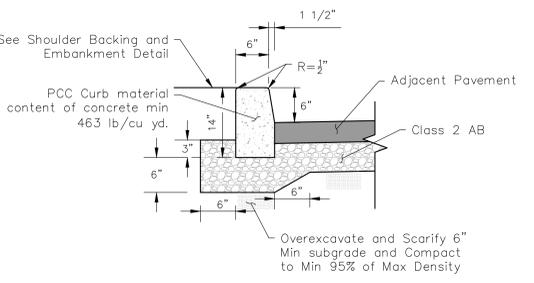
PAVEMENT DETAIL 4
 N.T.S.

- Notes:
- Extend top layer of 0.20" HMA placed under HMA Dike continuous with adjacent pavement. Spread areas in 1 layer and compact to the specified lines and grades.
 - HMA Dike shall be 1/2 inch HMA Type B, PG 70-10. Minimum asphalt binder content must be 6.0 percent for 1/2 inch aggregate.
 - Place and Compact Class 2 AB to Min 95% of Max Density beneath curb.

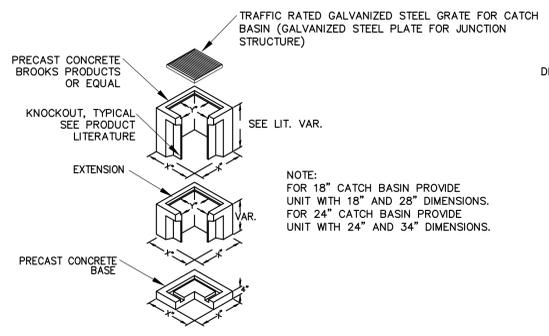


HMA DIKE DETAIL 5
 N.T.S.

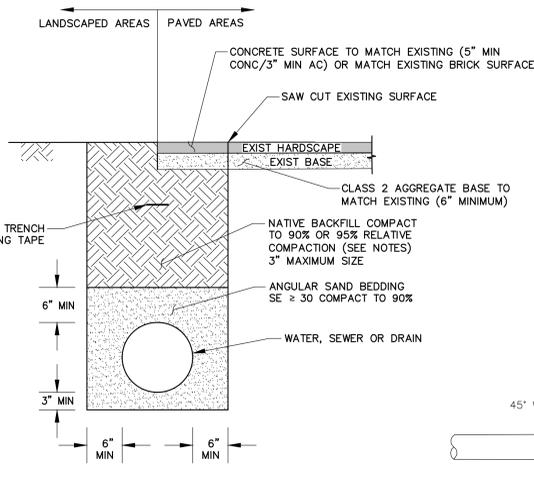
- Notes:
- PCC Curb shall conform to the Caltrans Standard Specifications Section 73-2, "Curbs" and Section 90, "Concrete".
 - Expansion and Contraction Joints shall conform to the Caltrans Standard Specifications Section 73-1.03E, "Expansion and Contraction Joints", in addition space contraction joints at 20 foot intervals.
 - Place and Compact Class 2 AB to Min 95% of Max Density beneath curb.



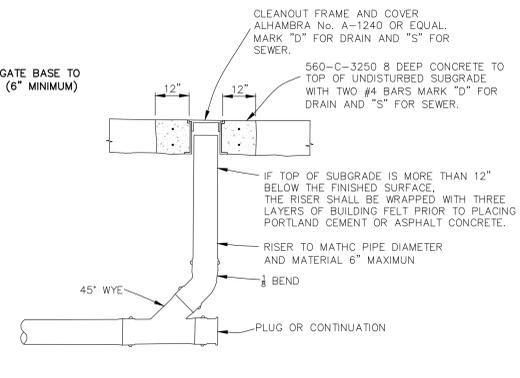
6" CURB DETAIL 6
 N.T.S.



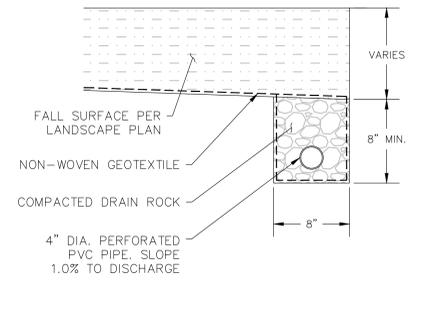
PRECAST DROP INLET 7
 N.T.S.



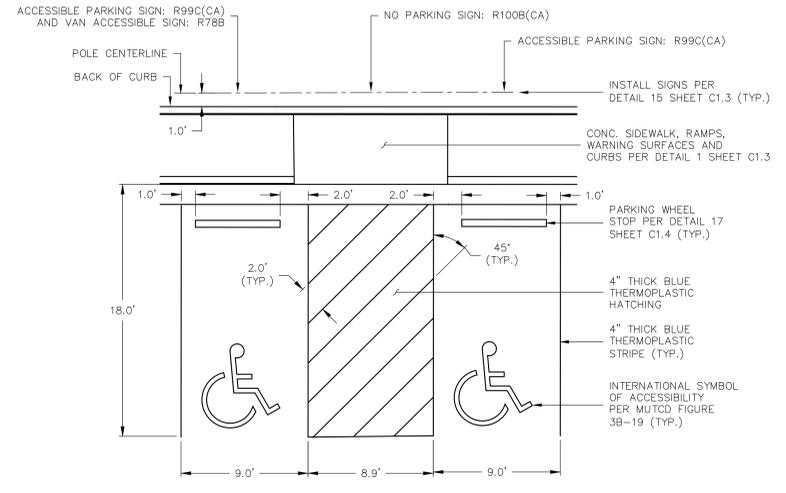
TRENCH DETAIL 8
 N.T.S.



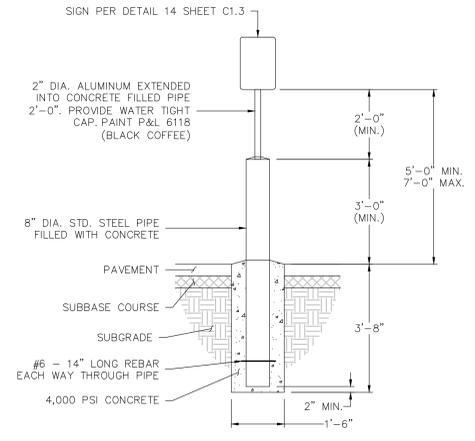
SEWER OR DRAIN CLEANOUT 9
 N.T.S.



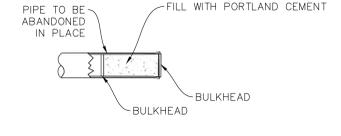
FALL SURFACE DRAIN DETAIL 10
 N.T.S.



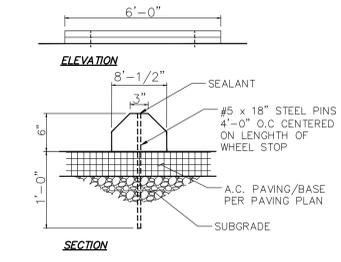
HANDICAP PARKING STRIPING DETAIL 14
 N.T.S.



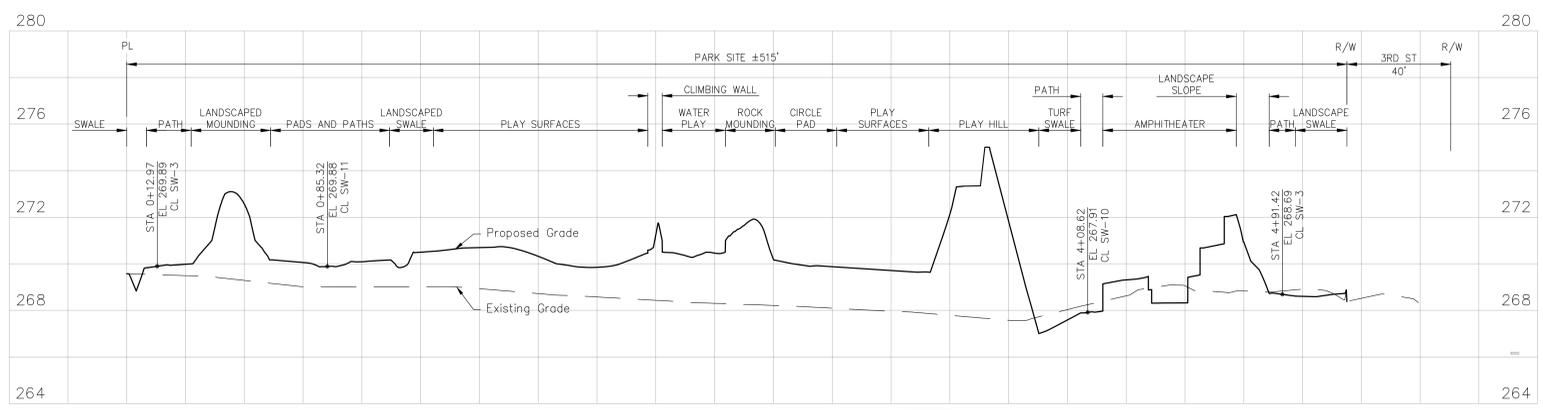
"HANDICAP" OR "NO PARKING" SIGN 15
 N.T.S.



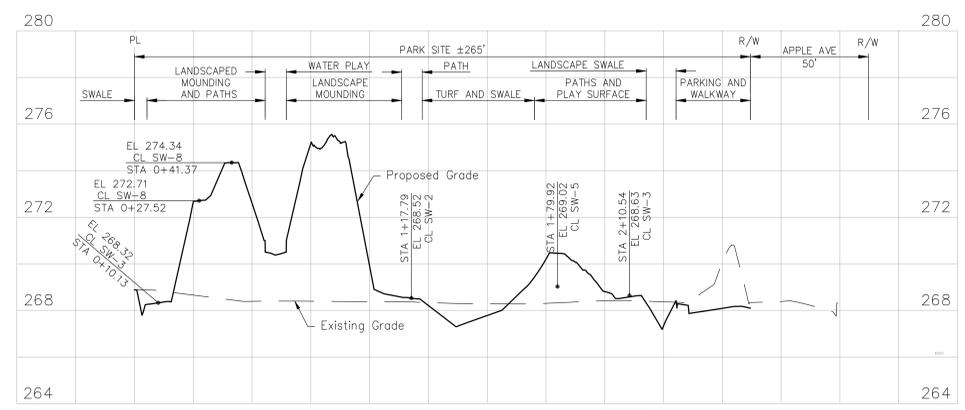
PIPE PLUG DETAIL 16
 N.T.S.



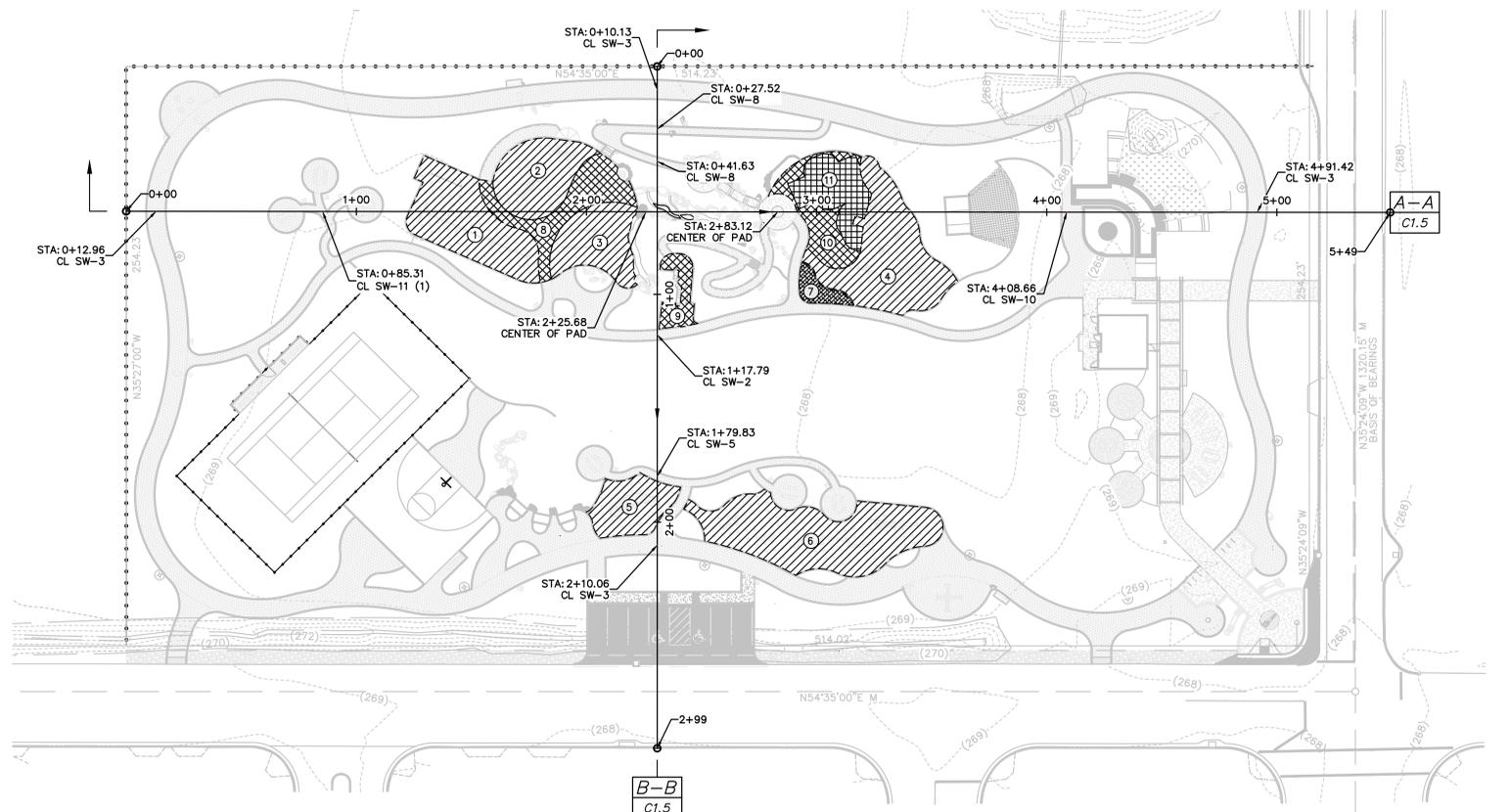
PARKING WHEELSTOP DETAIL 17
 N.T.S.



SITE SECTION A-A
SCALE: 1"=30' HORZ.
1"=3' VERT.

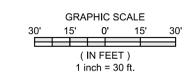


SITE SECTION B-B
SCALE: 1"=30' HORZ.
1"=3' VERT.



- LEGEND**
- WOOD FIBER PLAY SURFACE
 - SAND PLAY SURFACE
 - POURED IN PLACE RUBBER PLAY SURFACE

SITE SECTIONS AND PLAY SURFACE EXCAVATION AREAS
SCALE: 1"=30'



	SURFACE TYPE	2D AREA	ESTIMATED EXCAVATION DEPTH*	ESTIMATED VOLUME	SURFACE DEPTH*
①	WOOD FIBER	1605 Sq. Ft.	1'-5"	84 Cu. Yd.	12 In.
②	WOOD FIBER	966 Sq. Ft.	1'-5"	51 Cu. Yd.	12 In.
③	WOOD FIBER	965 Sq. Ft.	1'-5"	51 Cu. Yd.	12 In.
④	WOOD FIBER	1935 Sq. Ft.	1'-5"	102 Cu. Yd.	12 In.
⑤	WOOD FIBER	661 Sq. Ft.	1'-5"	35 Cu. Yd.	12 In.
⑥	WOOD FIBER	2494 Sq. Ft.	1'-5"	131 Cu. Yd.	12 In.
⑦	SAND	199 Sq. Ft.	1'-6"	11 Cu. Yd.	18 In.
⑧	RUBBER	1033 Sq. Ft.	12"	38 Cu. Yd.	1-3/4 In.
⑨	RUBBER	297 Sq. Ft.	12"	11 Cu. Yd.	1-3/4 In.
⑩	RUBBER	583 Sq. Ft.	12"	22 Cu. Yd.	1-3/4 In.
⑪	RUBBER	800 Sq. Ft.	12"	30 Cu. Yd.	4-1/2 In.

TOTALS 566 Cu. Yd.

* VERIFY ACTUAL DEPTH PER PARK CONSTRUCTION DETAILS