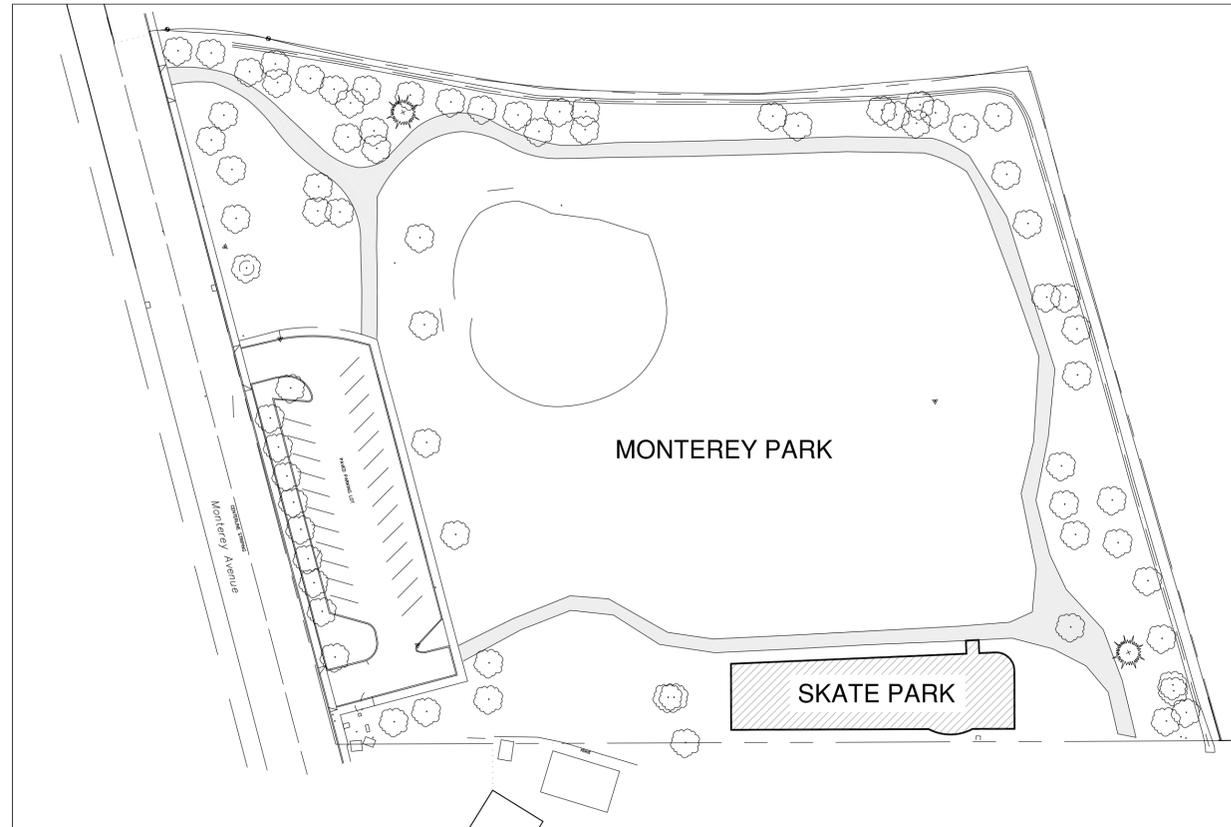




LOCATION MAP

N.T.S.



AREA OF WORK MAP

N.T.S.

PROJECT TEAM

OWNER'S REPRESENTATIVES

STEVE JESBERG - PUBLIC WORKS DIRECTOR
CITY OF CAPITOLA
420 CAPITOLA AVENUE
CAPITOLA, CA 95010
(831) 475-7300
(831) 479-8979 FAX

LANDSCAPE ARCHITECT

TROY MEARS, RLA
MEARS DESIGN GROUP, LLC
PO BOX 23338
PORTLAND, OR 97281
(503) 601-4516
(503) 924-4688 FAX

SKATE PARK CONTRACTOR

MARK SCOTT
DREAMLAND SKATEPARKS, LLC
2150 SE HWY 101, PMB 384
LINCOLN CITY, OR 97367-2622
(503) 577-9277

GENERAL NOTES

1. BLEND CUT AND FILL SLOPES TO CONFORM TO THE ADJACENT NATURAL GROUND.
2. DO NOT OBTAIN DIMENSIONS BY SCALING DRAWINGS. USE WRITTEN DIMENSIONS AND ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF WORK.
3. ADVISE THE OWNER'S REPRESENTATIVE OF ANY CONFLICTS OR DISCREPANCIES 5 (FIVE) WORKING DAYS PRIOR TO STARTING WORK.
4. VERIFY LOCATION OF ALL UTILITIES PRIOR TO COMMENCEMENT OF WORK FOR LOCATIONS CONTACT UTILITIES NOTIFICATION CENTER (811) AND CITY OF CAPITOLA PUBLIC WORKS (831) 475-7300 NOT LESS THAN 72 HOURS PRIOR TO BEGINNING WORK.
5. CONTRACTOR TO COORDINATE WITH CITY OF CAPITOLA REPRESENTATIVE REGARDING CONSTRUCTION COORDINATION, SCHEDULING, ETC. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
6. NO LIGHTING IS PROPOSED.

DRAWING INDEX

SHEET TITLE	SHEET NUMBER
COVER SHEET	SP1
EXISTING CONDITIONS/DEMOLITION/EROSION CONTROL PLAN	SP2
EROSION & SEDIMENT CONTROL DETAILS & NOTES	SP3
LAYOUT PLAN	SP4
GRADING & DRAINAGE PLAN	SP5
DRAINAGE DETAILS	SP6
REFERENCE PLAN	SP7
CONSTRUCTION DETAIL SHEET	SP8
CONSTRUCTION DETAIL SHEET	SP9
CONSTRUCTION DETAIL SHEET	SP10



MONTEREY AVENUE SKATEPARK
MONTEREY PARK
POURED-IN-PLACE CONCRETE
CAPITOLA, CALIFORNIA

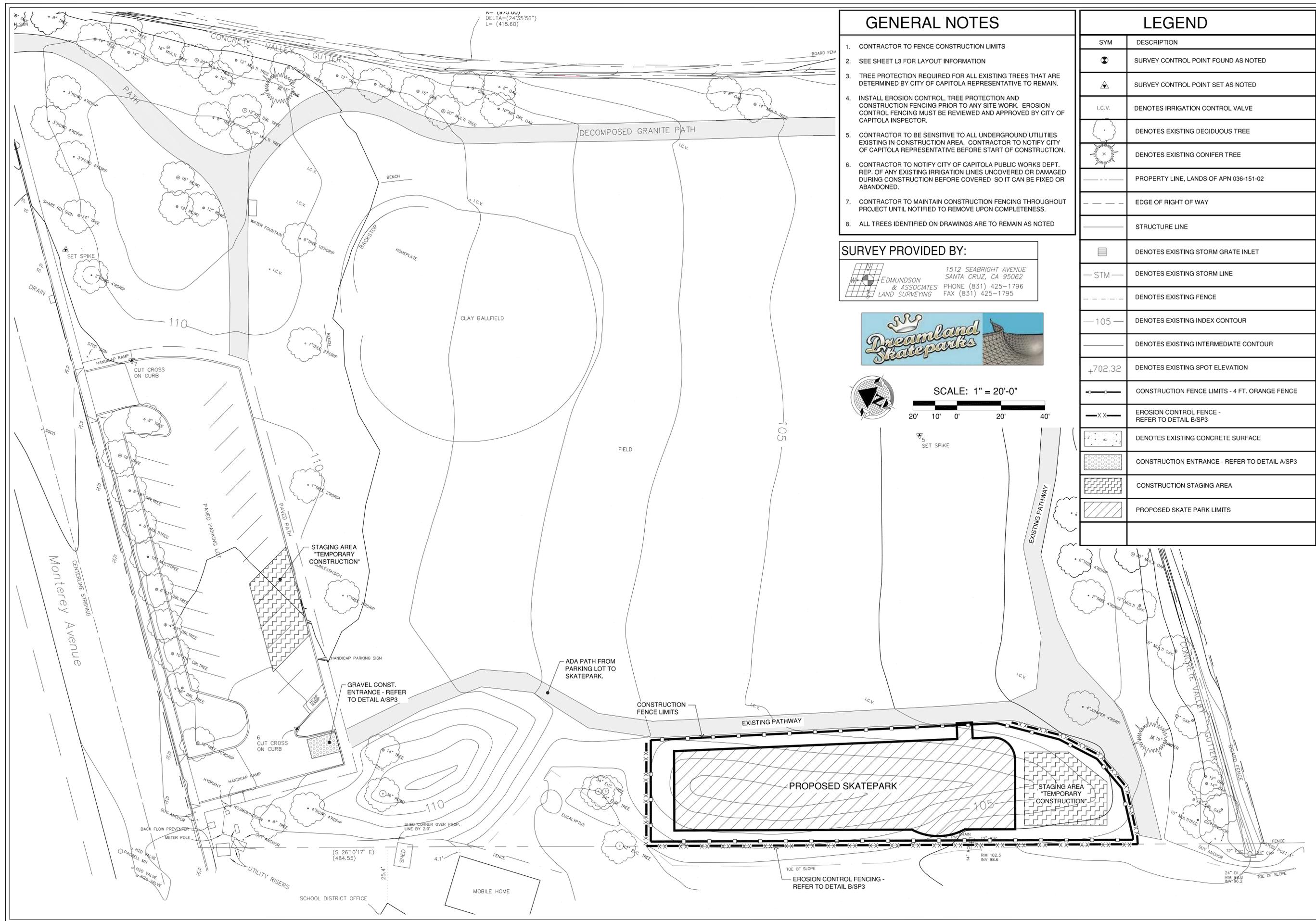
REV.	DATE	DESCRIPTION
	5/5/2015	City Comments
	2/18/2016	City Comments
	2/23/2016	City Comments

SHEET NAME:
COVER SHEET

DRAWN BY: TAM
CHECKED BY: TAM
ISSUE DATE: 04/15/2015
JOB NO.: 1522

SHEET:
SP1
OF 10
PERMIT SET

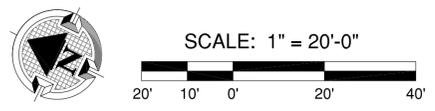
ASSESSOR PARCEL NUMBER: 036-151-01 & 02



GENERAL NOTES

1. CONTRACTOR TO FENCE CONSTRUCTION LIMITS
2. SEE SHEET L3 FOR LAYOUT INFORMATION
3. TREE PROTECTION REQUIRED FOR ALL EXISTING TREES THAT ARE DETERMINED BY CITY OF CAPITOLA REPRESENTATIVE TO REMAIN.
4. INSTALL EROSION CONTROL, TREE PROTECTION AND CONSTRUCTION FENCING PRIOR TO ANY SITE WORK. EROSION CONTROL FENCING MUST BE REVIEWED AND APPROVED BY CITY OF CAPITOLA INSPECTOR.
5. CONTRACTOR TO BE SENSITIVE TO ALL UNDERGROUND UTILITIES EXISTING IN CONSTRUCTION AREA. CONTRACTOR TO NOTIFY CITY OF CAPITOLA REPRESENTATIVE BEFORE START OF CONSTRUCTION.
6. CONTRACTOR TO NOTIFY CITY OF CAPITOLA PUBLIC WORKS DEPT. REP. OF ANY EXISTING IRRIGATION LINES UNCOVERED OR DAMAGED DURING CONSTRUCTION BEFORE COVERED SO IT CAN BE FIXED OR ABANDONED.
7. CONTRACTOR TO MAINTAIN CONSTRUCTION FENCING THROUGHOUT PROJECT UNTIL NOTIFIED TO REMOVE UPON COMPLETENESS.
8. ALL TREES IDENTIFIED ON DRAWINGS ARE TO REMAIN AS NOTED

SURVEY PROVIDED BY:
 EDMUNDSON & ASSOCIATES LAND SURVEYING
 1512 SEABRIGHT AVENUE
 SANTA CRUZ, CA 95062
 PHONE (831) 425-1796
 FAX (831) 425-1795



LEGEND

SYM	DESCRIPTION
	SURVEY CONTROL POINT FOUND AS NOTED
	SURVEY CONTROL POINT SET AS NOTED
I.C.V.	DENOTES IRRIGATION CONTROL VALVE
	DENOTES EXISTING DECIDUOUS TREE
	DENOTES EXISTING CONIFER TREE
---	PROPERTY LINE, LANDS OF APN 036-151-02
---	EDGE OF RIGHT OF WAY
---	STRUCTURE LINE
	DENOTES EXISTING STORM GRATE INLET
—STM—	DENOTES EXISTING STORM LINE
---	DENOTES EXISTING FENCE
—105—	DENOTES EXISTING INDEX CONTOUR
---	DENOTES EXISTING INTERMEDIATE CONTOUR
+702.32	DENOTES EXISTING SPOT ELEVATION
	CONSTRUCTION FENCE LIMITS - 4 FT. ORANGE FENCE
—XX—	EROSION CONTROL FENCE - REFER TO DETAIL B/SP3
	DENOTES EXISTING CONCRETE SURFACE
	CONSTRUCTION ENTRANCE - REFER TO DETAIL A/SP3
	CONSTRUCTION STAGING AREA
	PROPOSED SKATE PARK LIMITS

MEARS DESIGN+GROUP
 LANDSCAPE ARCHITECTURE & PLANNING
 PO BOX 23338 | PORTLAND, OREGON | 97281
 PHONE: 503.601.4516 | FAX: 503.924.4688



MONTEREY AVENUE SKATEPARK
 MONTEREY PARK
 POURED-IN-PLACE CONCRETE
 CAPITOLA, CALIFORNIA

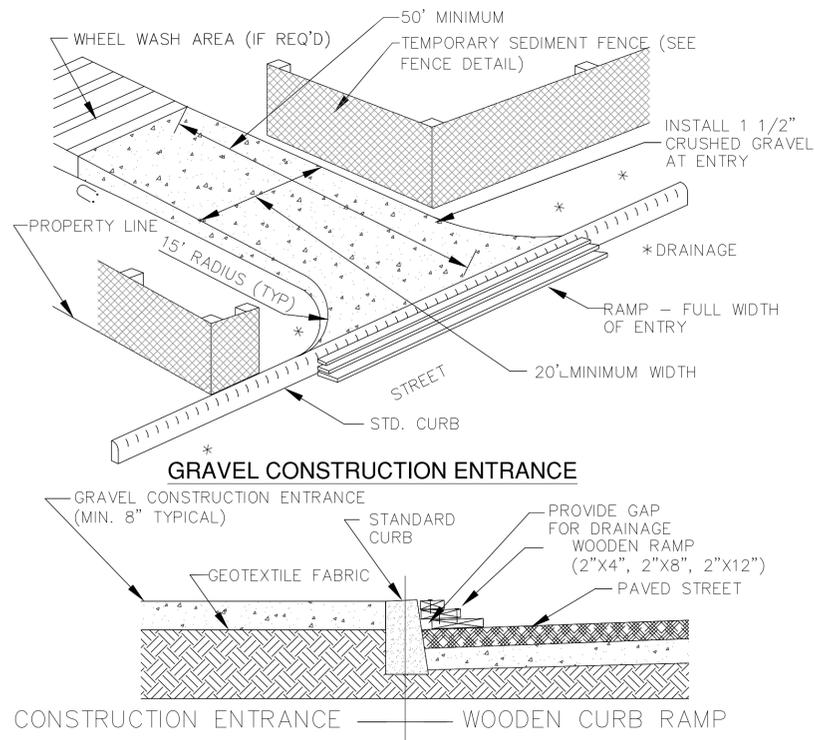
REVISIONS

REV.	DATE	DESCRIPTION
1	5/5/2015	City Comments
2	2/18/2016	City Comments
3	2/23/2016	City Comments

SHEET NAME:
EXISTING CONDITION EROSION CONTROL

DRAWN BY: TAM
 CHECKED BY: TAM
 ISSUE DATE: 04/15/2015
 JOB NO.: 1522

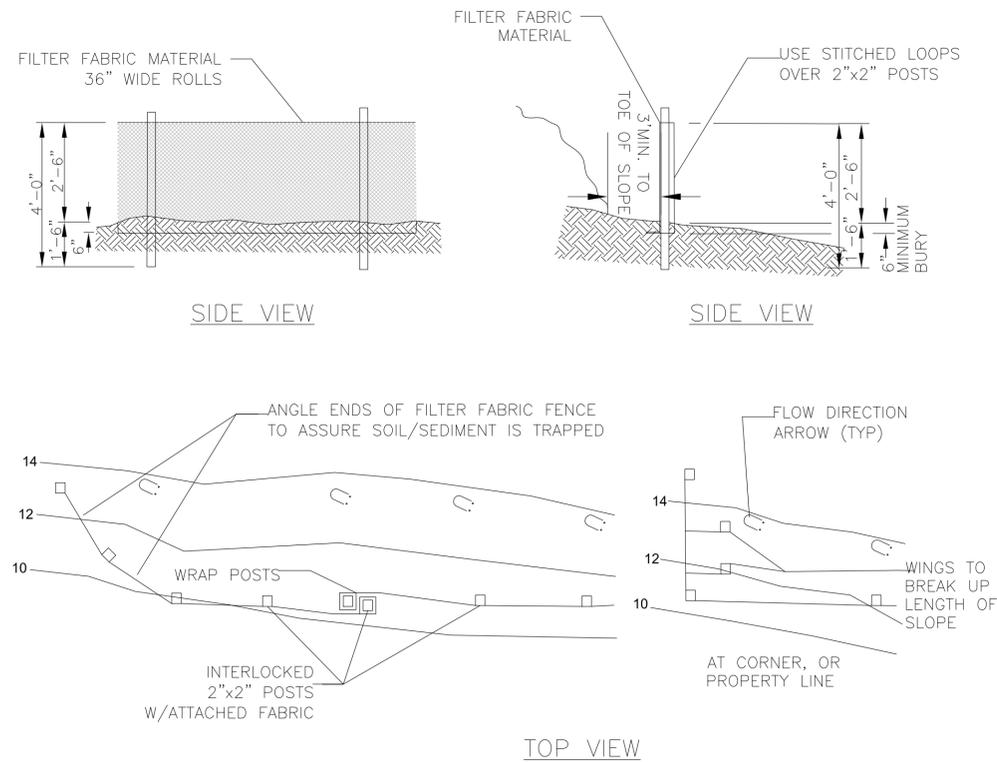
SHEET:
SP2
 OF 10 PERMIT SET



A GRAVEL CONSTRUCTION ENTRANCE
SP3 N.T.S.

NOT USED

NOT USED

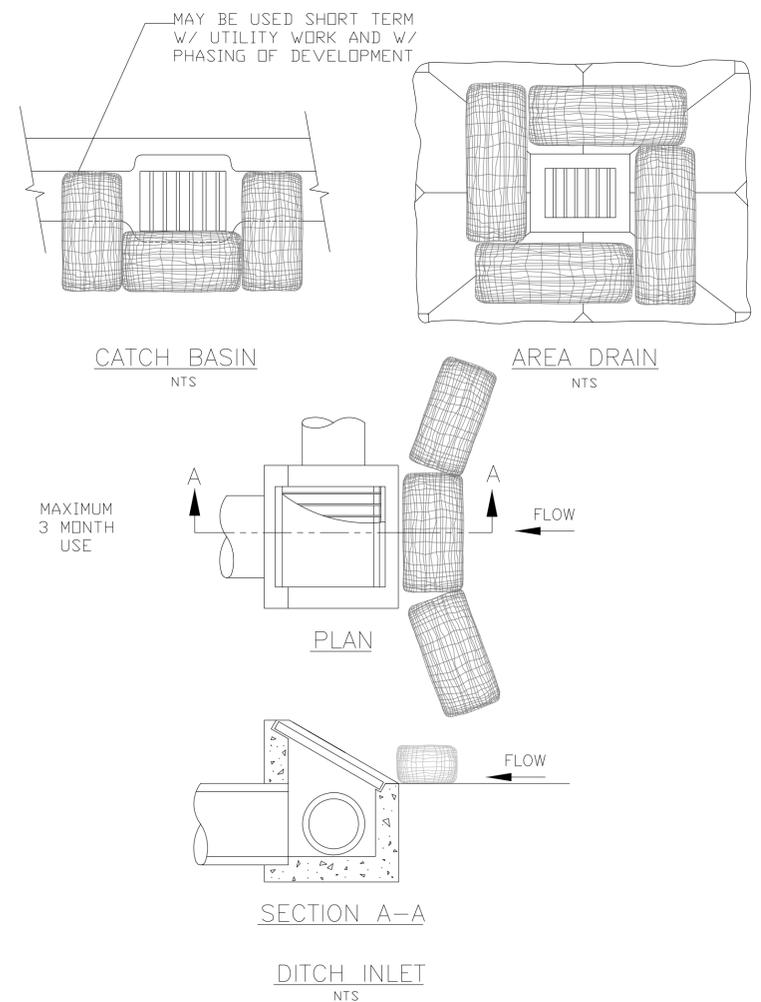


B TEMPORARY SEDIMENT FENCE
SP3 N.T.S.

SEDIMENT FENCE NOTES:

1. The filter fabric shall be purchased in a continuous roll cut to the length of the barrier to avoid use of joints. When joints are necessary, filter cloth shall be spliced together only at a support post, with a minimum 6-inch overlap, and both ends securely fastened to the post, or overlap 2 inch x 2 inch posts and attach as shown on detail sheet SP3.
2. The filter fabric fence shall be installed to follow the contours where feasible. The fence posts shall be spaced a maximum of 6 feet apart and driven securely into the ground a minimum of 24 inches.
3. The filter fabric shall have a minimum vertical burial of 6 inches. All excavated material from filter fabric fence installation, shall be backfilled and compacted, along the entire disturbed area.
4. Standard or heavy duty filter fabric fence shall have manufactured stitched loops for 2 inch x 2 inch post installation. Stitched loops shall be installed on the up hill side of the sloped area.
5. Filter fabric fences shall be removed when they have served their useful purpose, but not before the upslope area has been permanently protected and stabilized.
6. Filter fabric fences shall be inspected by contractor immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.

NOT USED



C BIO-FILTER BAGS FOR TEMPORARY INLET PROTECTION
SP3 N.T.S.

EROSION CONTROL NOTES:

A. Approval of this erosion, sediment and pollution control plan (ESPCP) does not constitute an approval of permanent road or drainage design (e.g., size and location of roads, pipes, restrictors, channels, retention facilities, utilities, etc.)

B. The implementation of this ESPCP and the construction, maintenance, replacement, and upgrading of these ESPCP facilities is the responsibility of the contractor until all construction is completed and approved and vegetation/landscaping is established.

C. The boundaries of the clearing limits shown on this plan shall be clearly flagged in the field prior to construction. During the construction period, no disturbance beyond the flagged clearing limits shall be permitted. The flagging shall be maintained by the contractor for the duration of construction.

D. The ESPCP facilities shown on this plan must be constructed in conjunction with all clearing and grading activities, and in such a manner as to insure that sediment and sediment laden water do not enter the drainage system, roadways, or violate applicable water standards.

E. The ESPCP facilities shown on this plan are the minimum requirements for anticipated site conditions. During the construction period, these ESPCP facilities shall be upgraded as needed for unexpected storm events and to ensure that sediment and sediment-laden water do not leave the site.

F. The ESPCP facilities shall be inspected daily by the contractor and maintained as necessary to ensure their continued functioning.

G. The ESPCP facilities on inactive sites shall be inspected and maintained a minimum of once a month or within the 24 hours following a storm event.

H. Stabilized construction entrances shall be installed at the beginning of construction and maintained for the duration of the project. Additional measures may be required to insure that all paved areas are kept clean for the duration of the project.



REV.	DATE	DESCRIPTION
	5/5/2015	City Comments
	2/18/2016	City Comments
	2/23/2016	City Comments

SHEET NAME:
EROSION CONTROL
DETAILS & NOTES

DRAWN BY: TAM
CHECKED BY: TAM
ISSUE DATE: 04/15/2015
JOB NO.: 1522

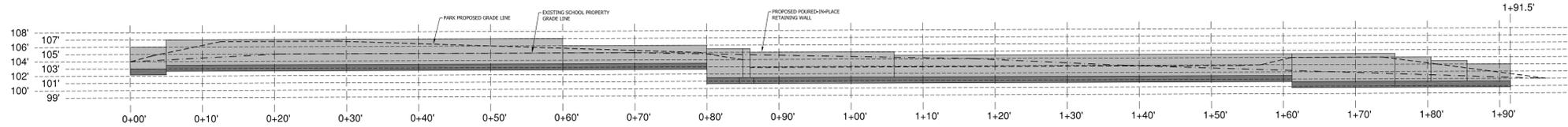
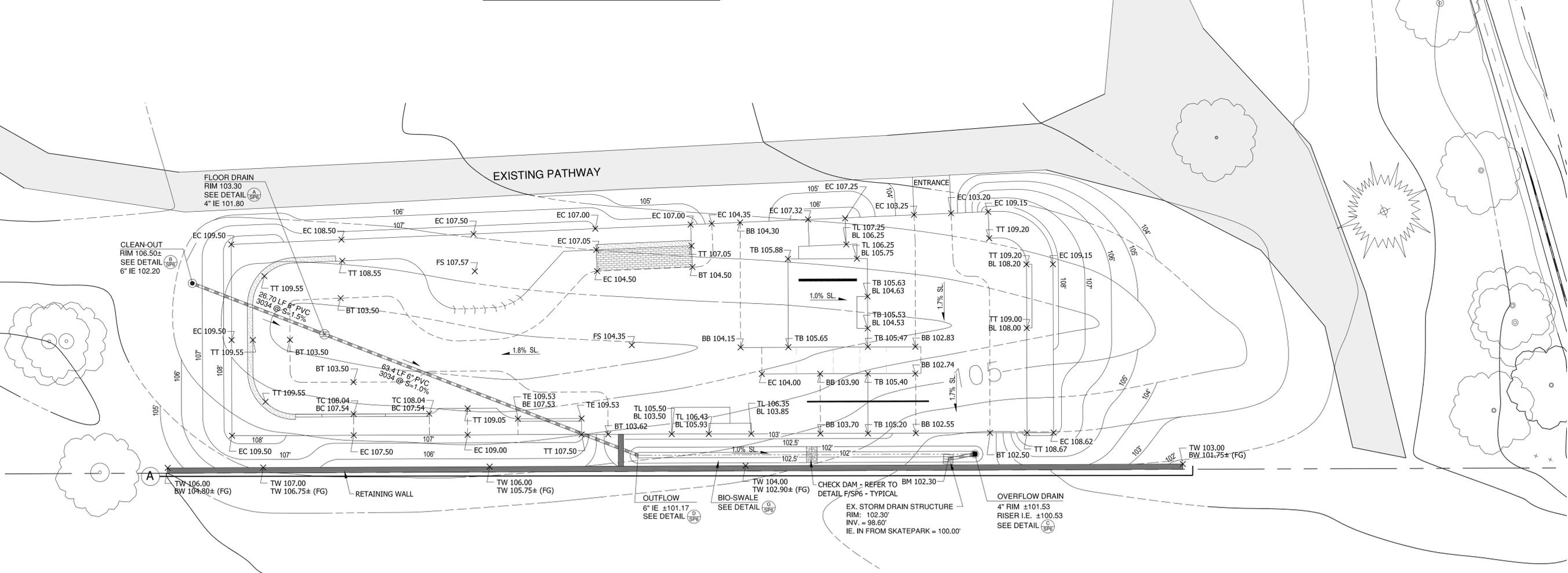
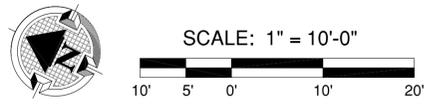
SHEET:
SP3
OF 10 PERMIT SET

GRADING/DRAINAGE LEGEND

SYM	DESCRIPTION	SYM	DESCRIPTION
FS 103.25	PROPOSED ELEVATION AT FINISH GRADE	RIM	RIM ELEVATION
105	EXISTING CONTOURS	IE	INVERT ELEVATION
105	PROPOSED CONTOURS	HP	HIGH POINT
FS	FINISH SURFACE ELEVATION	BM	BENCH MARK - AS NOTED
FG	FINNISH GRADE	EC	EDGE OF CONCRETE
TB	TOP OF BANK AT FINISH GRADE	TW	TOP OF WALL
BB	BOTTOM OF BANK AT FINISH GRADE	BW	BOTTOM OF WALL
BL	BOTTOM OF LEDGE AT FINISH GRADE	←	SLOPE DIRECTION
TL	TOP OF LEDGE AT FINISH GRADE	⊙	6" CLEAN-OUT - SEE DETAIL B/SP6
TT	TOP OF TRANSITION AT FINISH GRADE	⊙	6" FLOOR DRAIN - SEE DETAIL A/SP6
BT	BOTTOM OF TRANSITION AT FINISH GRADE	▨	EXISTING STORM DRAIN STRUCTURE
FG	FINISH GRADE	—	STORM DRAIN LINE - (3034) - SIZE AS NOTED

GRADING/DRAINAGE NOTES

- THIS PLAN PROVIDES GENERAL GRADING INFORMATION. ALL SURVEYING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- EXPORTATION OF SOIL, WHICH MAY BE NECESSARY TO MEET THE GRADES SHOWN ON THIS PLAN, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PART OF THIS CONTRACT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF THE LOCATION OF ALL EXISTING UTILITIES IN THE FIELD. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND FOR GENERAL INFORMATION ONLY.
- ALL HIGH POINTS, LOW POINTS, OR GRADE BREAKS ON CONCRETE SURFACES SHALL HAVE A SMOOTH CURVE. CONCRETE SHALL NOT BE BUILT TO A POINT.
- THE CONTRACTOR SHALL MATCH THE NEW GRADES WITHIN THE LIMITS OF WORK TO THE EXISTING GRADES.
- CONTRACTOR SHALL PROVIDE SECURITY BARRIER DURING CONSTRUCTION & UNTIL ACCEPTED.
- EROSION CONTROL FENCING REQUIRED TO BE IN PLACE PRIOR TO ANY SITE WORK.
- ALL WORK SHALL BE COMPLETED IN CONFORMANCE WITH THE PHASE III ENVIRONMENTAL SITE ASSESSMENT (WEBER, HAYES, AND ASSOCIATES, 9/23/15).
- ALL EXCAVATED MATERIAL SHALL EITHER BE HAULED OFF-SITE AND DISPOSED OF AT AN APPROPRIATE LOCATION OR ENCAPSULATED TO THE SATISFACTION OF THE COUNTY OF SANTA CRUZ DEPARTMENT OF ENVIRONMENTAL HEALTH.



A RETAINING WALL ELEVATION

SCALE: 1" = 10'-0"

MEARS DESIGN+GROUP
 LANDSCAPE ARCHITECTURE & PLANNING
 PO BOX 23338 | PORTLAND, OREGON | 97281
 PHONE: 503.601.4516 | FAX: 503.924.4688

LICENSED LANDSCAPE ARCHITECT
 TROY MEARS, L.A. No. 10000
 State of California
 Date: 4/15/15

MONTEREY AVENUE SKATEPARK
 MONTEREY PARK
 POURED-IN-PLACE CONCRETE
 CAPITOLA, CALIFORNIA

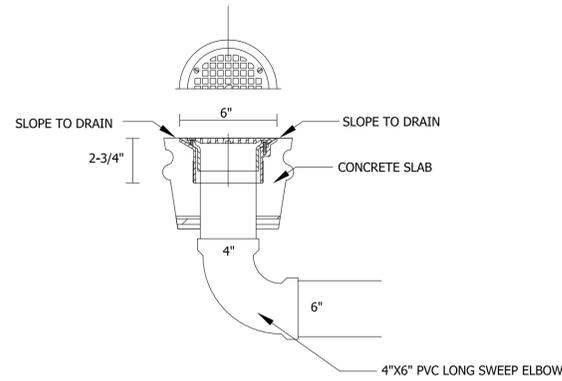
REVISIONS

REV.	DATE	DESCRIPTION
1	5/5/2015	City Comments
2	2/18/2016	City Comments
3	2/23/2016	City Comments

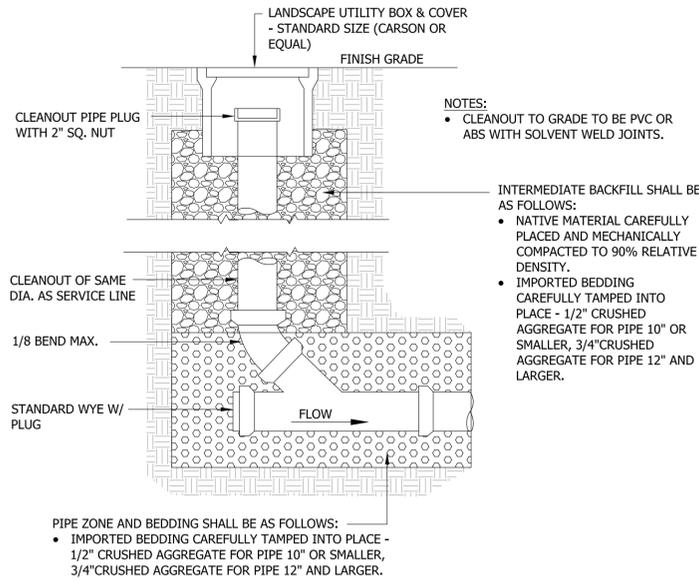
SHEET NAME:
SKATEPARK GRADING/DRAINAGE

DRAWN BY: TAM
 CHECKED BY: TAM
 ISSUE DATE: 04/15/2015
 JOB NO.: 1522

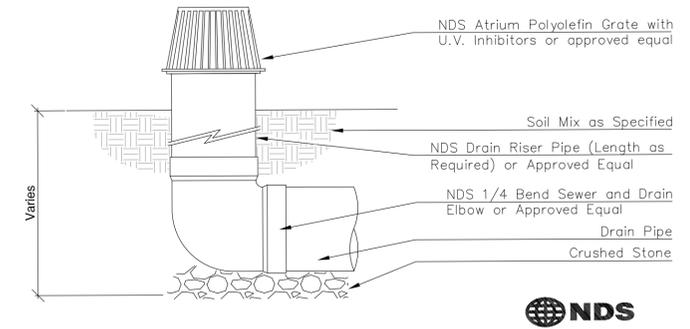
SHEET:
SP5
 OF 10
 PERMIT SET



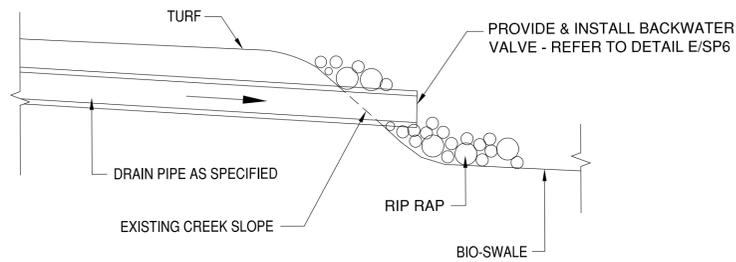
A
SP6 **JSC FLOOR DRAIN (D53072)**
 JONES STEPHENS CORP. (OR EQUAL) N.T.S.



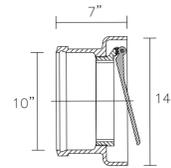
B
SP6 **CLEAN OUT DETAIL**
 N.T.S.



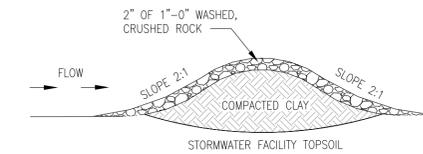
C
SP6 **NDS ATRIUM GRATE SWALE OUTLET**
 (OR APPROVED EQUAL) N.T.S.



D
SP6 **INCOMING FLOW TO CREEK**
 N.T.S.



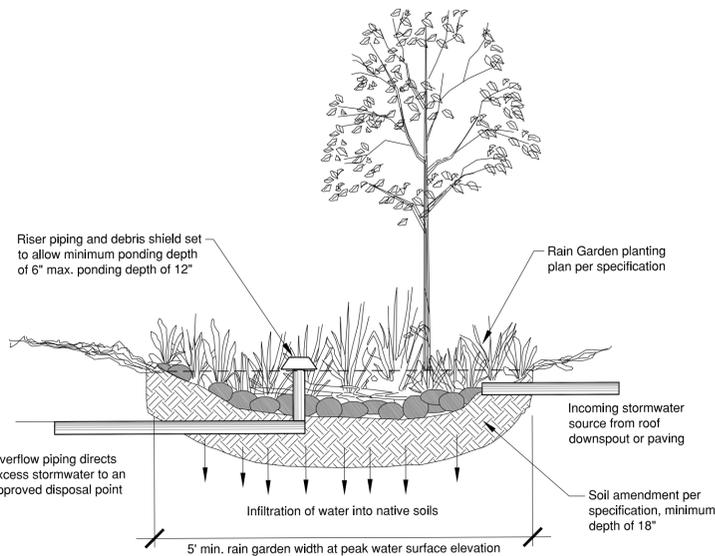
E
SP6 **ZURN BACKWATER VALVE**
FLAPPER TYPE (Z1091) N.T.S.



CHECK DAM NOTES:

- CHECK DAMS TO BE EVENLY SPACED BETWEEN INLET AND OUTLET. ADDITIONAL REQUIREMENTS MAYBE NECESSARY ON STEEP SLOPES.
- ADDITIONAL INLETS TO BE PLACED DOWNSTREAM OF CHECK DAMS.
- HEIGHT OF CHECK DAM 2" LESS THAN DEPTH OF FACILITY TYPICAL.

F
SP6 **SOIL & CHECK DAM DETAIL**
 N.T.S.



G
SP6 **BIO-SWALE DETAIL**
 N.T.S.

NOT USED

NOT USED

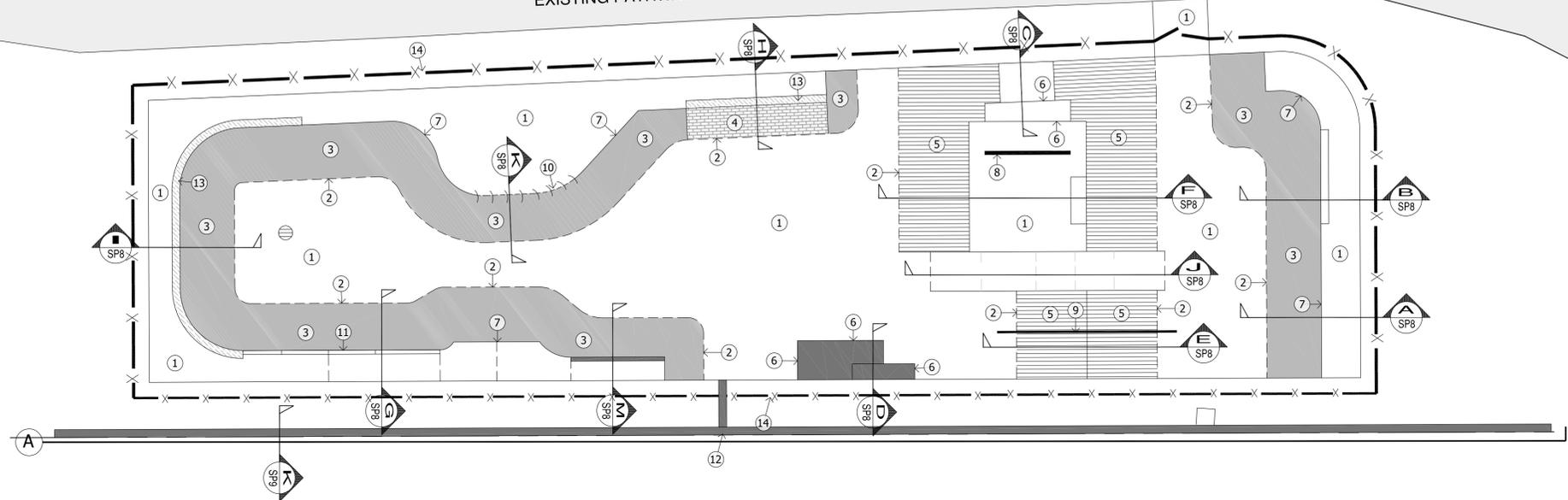
REV.	DATE	DESCRIPTION
	5/5/2015	City Comments
	2/18/2016	City Comments
	2/23/2016	City Comments

SHEET NAME:
DRAINAGE
DETAILS & NOTES

DRAWN BY: TAM
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 JOB NO.: 1522

SHEET:
SP6
 OF 10 PERMIT SET

MATCH LINE - SEE LOWER RIGHT THIS SHEET



REFERENCE LEGEND	
SYM	DESCRIPTION
	INDICATES "BANK" INSTALLATION
	INDICATES "TRANSITIONAL" INSTALLATION
	INDICATES "LEDGE" INSTALLATION
	INDICATES EXISTING PARK WALKWAY TO REMAIN

- REFERENCE NOTES**
- 1 CONCRETE PAVING (POURED-IN-PLACE) - SEE DETAIL A/SP9
 - 2 TOE CONNECTION - SEE DETAIL D/SP9
 - 3 TRANSITION RAMP (SHOTCRETE) - SEE DETAIL A/SP8, B/SP8, G/SP8, H/SP8, I/SP8, K/SP8, M/SP8 & G/SP9
 - 4 BRICK BANK (STAMPED) - SEE DETAIL H/SP8
 - 5 CONCRETE BANK - SEE DETAILS E/SP8 & F/SP8
 - 6 STEEL EDGING - SEE DETAIL F/SP9
 - 7 STEEL COPING - SEE DETAIL E/SP9
 - 8 FLAT RAIL - SEE DETAIL H/SP9
 - 9 A-FRAME RAILING - SEE DETAIL E/SP8
 - 10 ROLL-IN TRANSITION - SEE DETAILS K/SP9
 - 11 "HELL" CURB - SEE DETAIL G/SP8
 - 12 POURED-IN-PLACE RETAINING WALL - SEE DETAIL K/SP9
 - 13 POOL COPING - SEE DETAIL I/SP9
 - 14 6'-0" HT. PERIMETER FENCE - SEE DETAIL M/SP9
- ALL SKATEPARK CONTROL JOINTS, EXPANSION JOINTS & CONSTRUCTION JOINTS WITHIN THE SKATE PARK ARE AT THE DISCRETION OF THE DESIGN/BUILD CONTRACTOR.

MEARS DESIGN+GROUP
 LANDSCAPE ARCHITECTURE & PLANNING
 PO BOX 23338 | PORTLAND, OREGON | 97281
 PHONE: 503.601.4516 | FAX: 503.924.4688



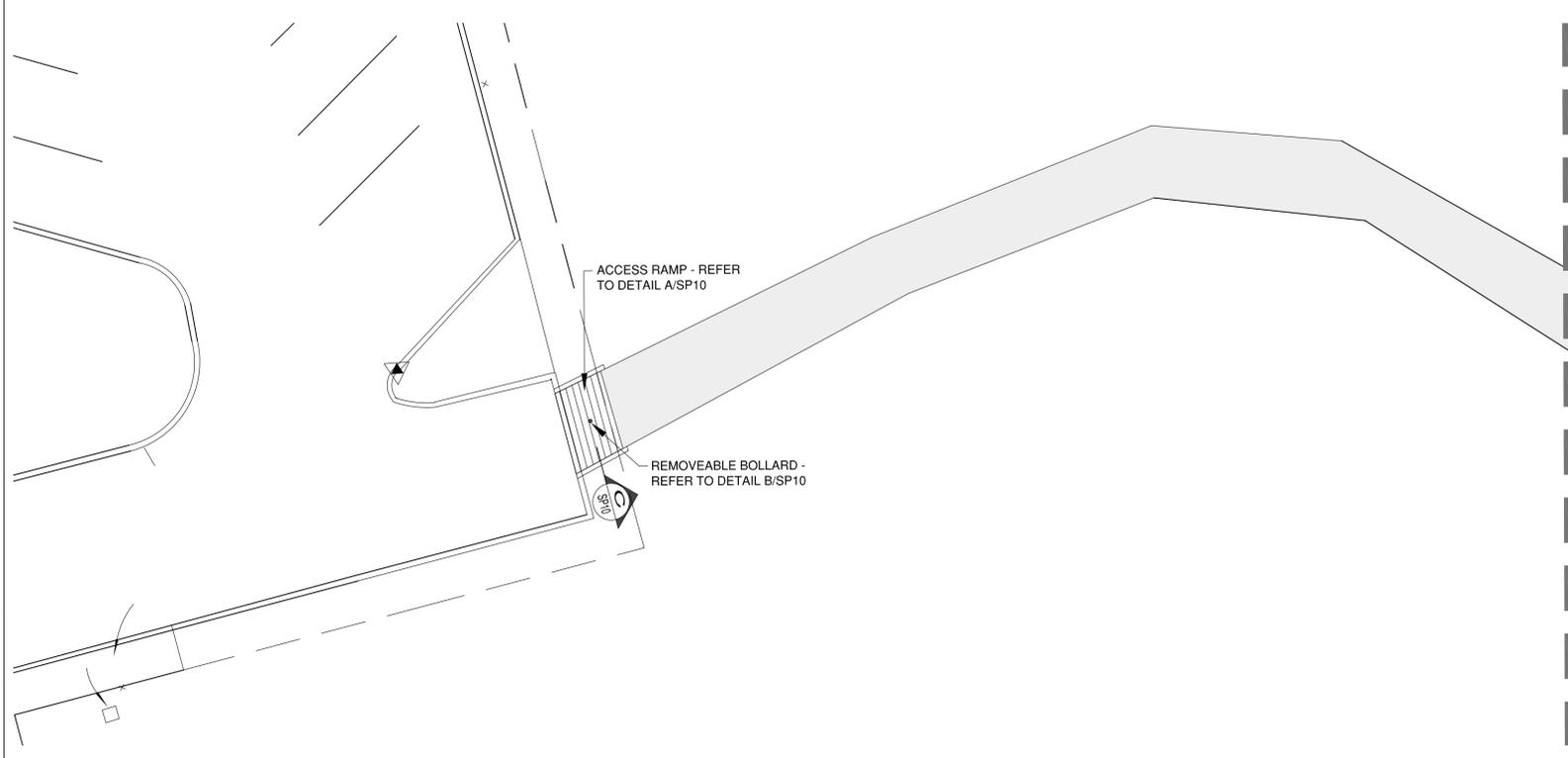
MONTEREY AVENUE SKATEPARK
 MONTEREY PARK
 POURED-IN-PLACE CONCRETE
 CAPITOLA, CALIFORNIA

REVISIONS		
REV.	DATE	DESCRIPTION
	5/5/2015	City Comments
	2/18/2016	City Comments
	2/23/2016	City Comments

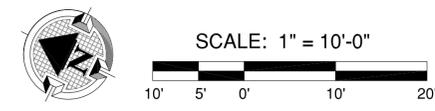
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SKATEPARK REFERENCE PLAN

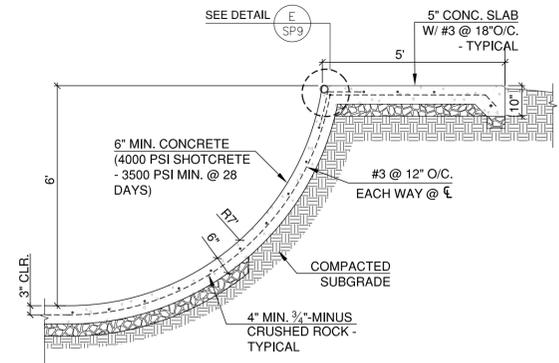
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 ISSUE DATE: 04/15/2015
 JOB NO.: 1522

SHEET:
SP7
 OF 10
 PERMIT SET

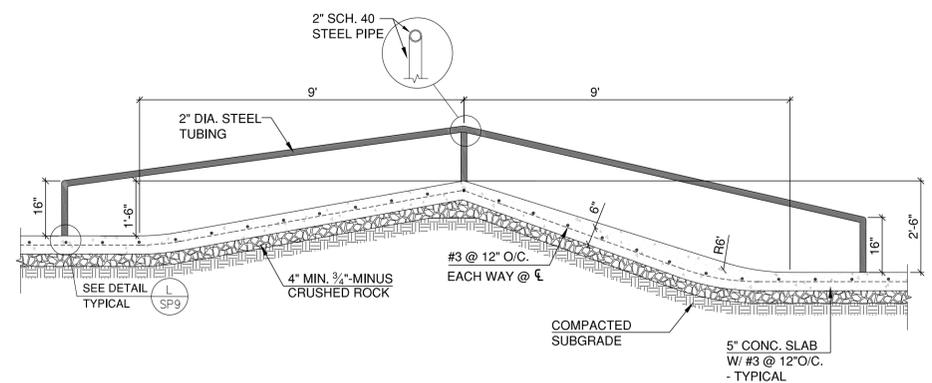


MATCH LINE - SEE UPPER LEFT THIS SHEET

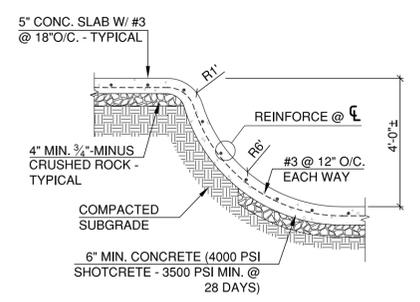




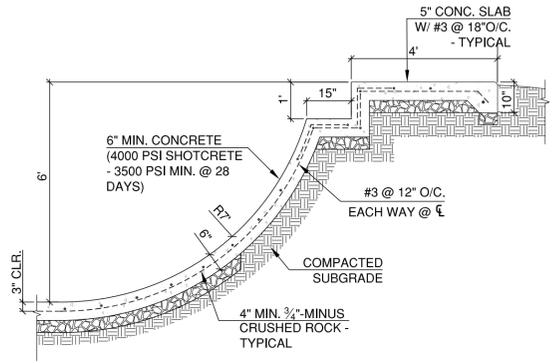
A SECTION 'A'
SP8 N.T.S.



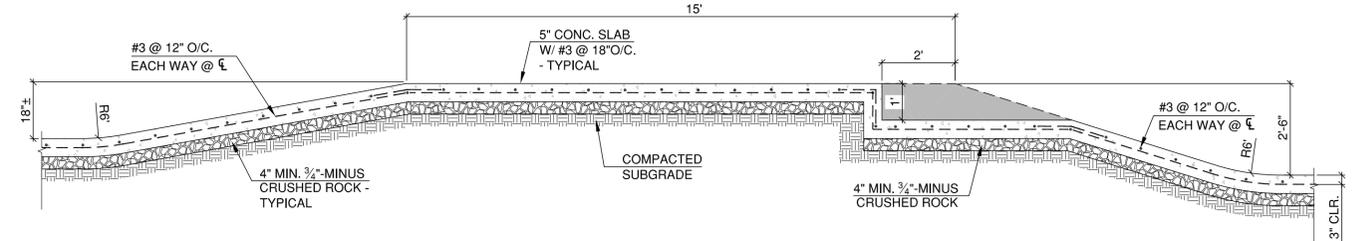
E SECTION 'E'
SP8 N.T.S.



K SECTION 'K'
SP9 N.T.S.

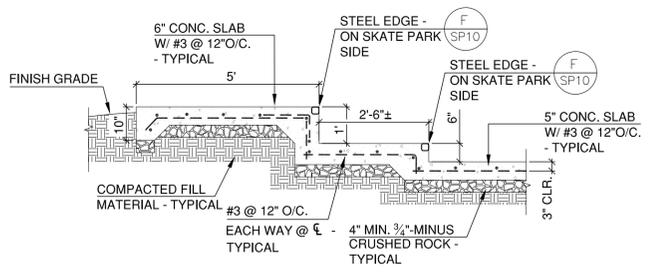


B SECTION 'B'
SP8 N.T.S.

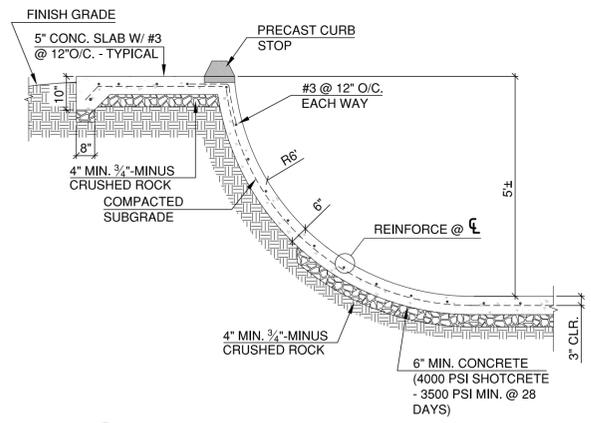


F SECTION 'F'
SP8 N.T.S.

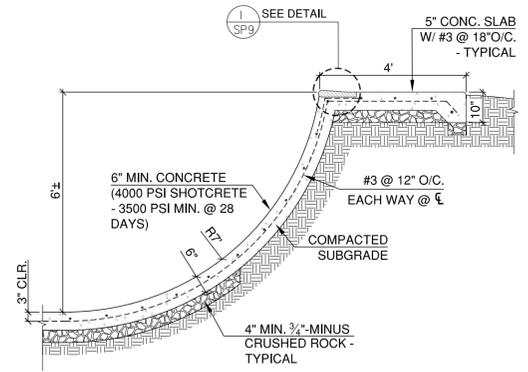
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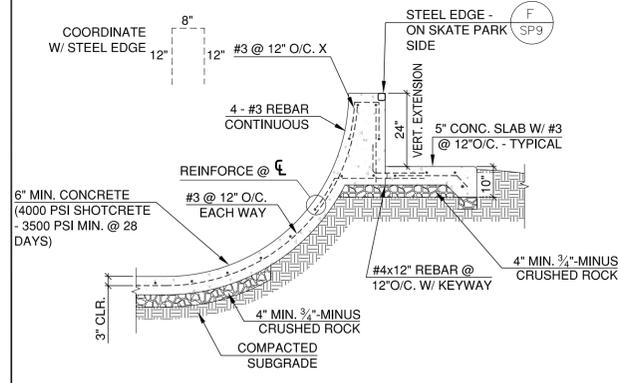
C SECTION 'C'
SP8 N.T.S.



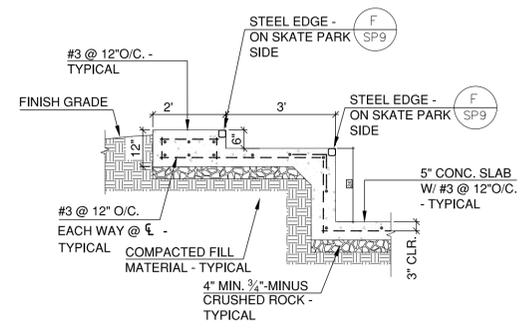
G SECTION 'G'
SP8 N.T.S.



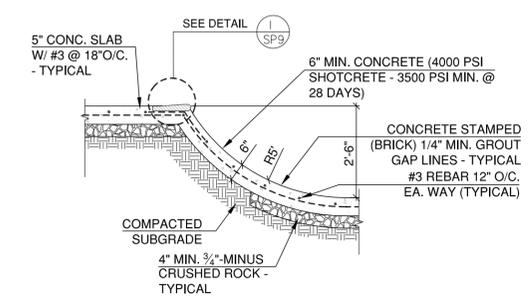
I SECTION 'I'
SP8 N.T.S.



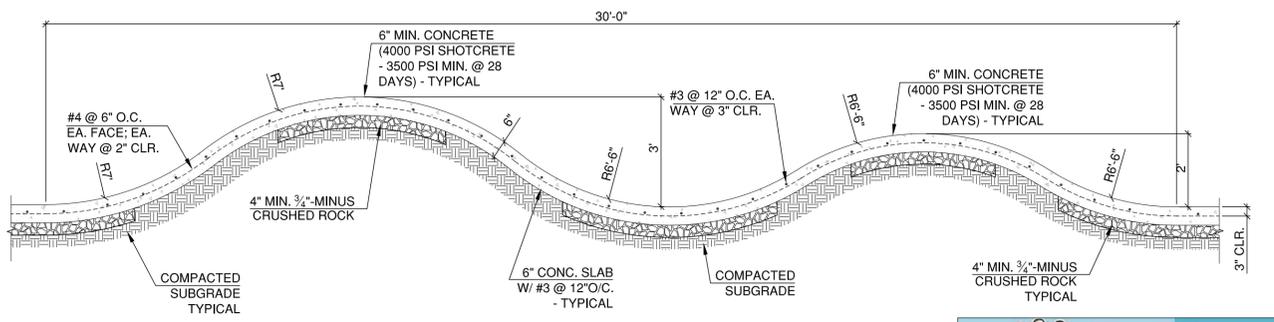
M SECTION 'M'
SP8 N.T.S.



D SECTION 'D'
SP8 N.T.S.



H SECTION 'H'
SP8 N.T.S.



J STAIR DETAIL 'J'
SP8 N.T.S.

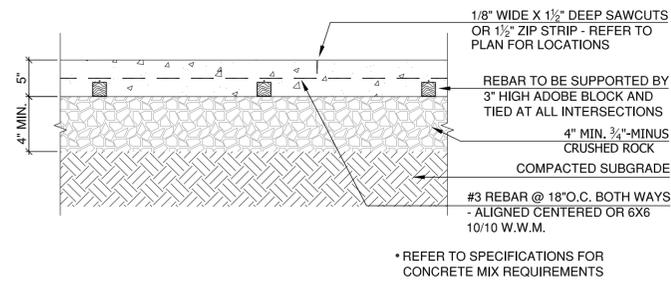
REV.	DATE	DESCRIPTION
5/5/2015	City Comments	
2/18/2016	City Comments	
2/23/2016	City Comments	

SHEET NAME:
**SKATEPARK
DETAILS & NOTES**

DRAWN BY: TAM
CHECKED BY: TAM
ISSUE DATE: 04/15/2015
JOB NO.: 1522

SHEET:
SP8
OF 10 PERMIT SET

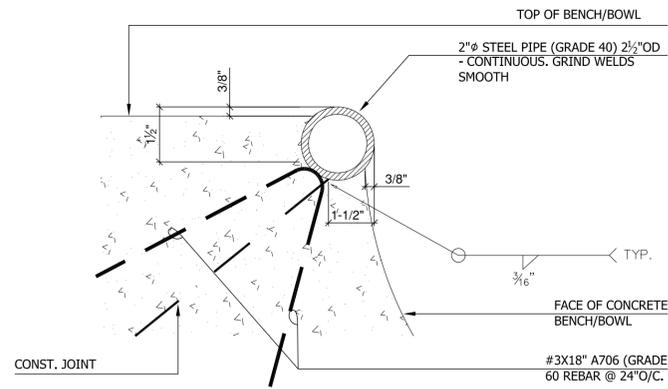




A 5" CONCRETE PAVING DETAIL

SP9

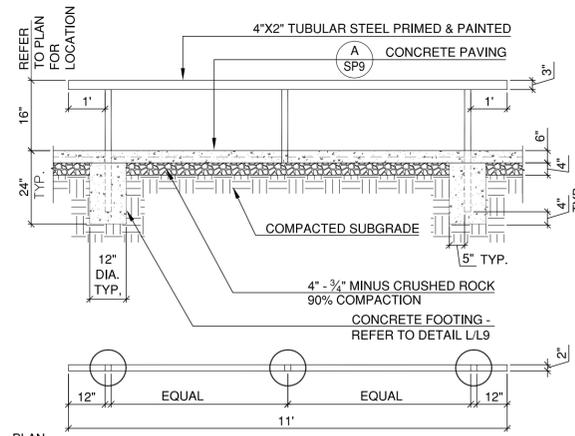
N.T.S.



E STEEL COPING DETAIL

SP9

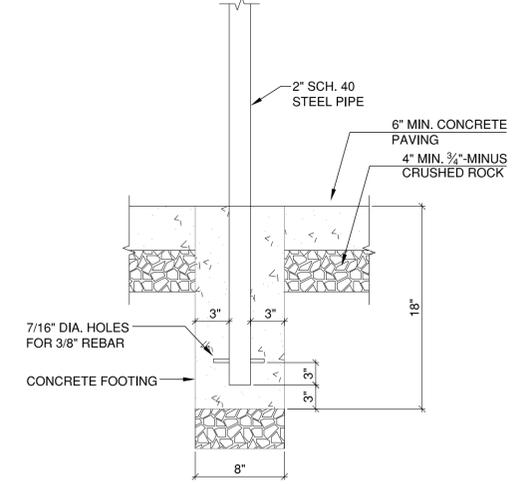
N.T.S.



H FLAT RAIL DETAIL

SP9

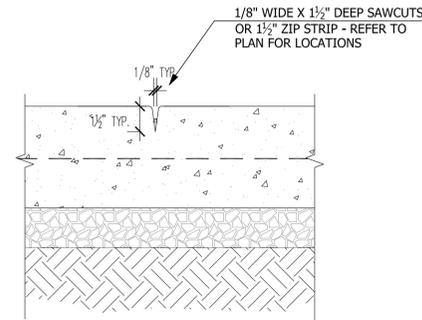
N.T.S.



L RAILING EMBEDMENT DETAIL

SP9

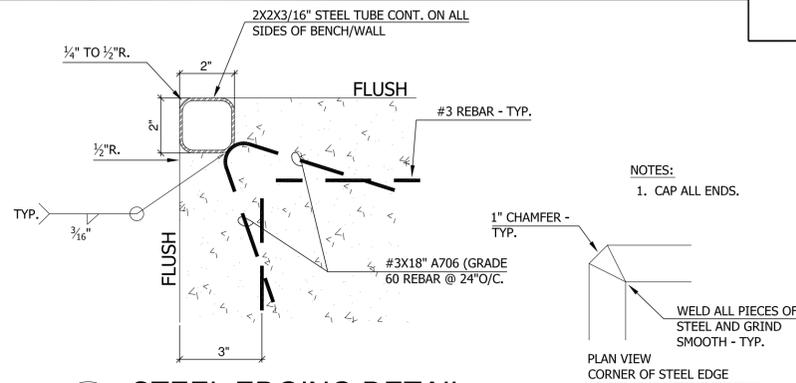
N.T.S.



B CONTROL JOINT, TYP. (CJ)

SP9

N.T.S.

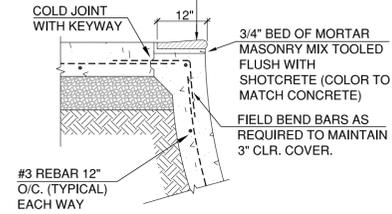


F STEEL EDGING DETAIL

SP9

N.T.S.

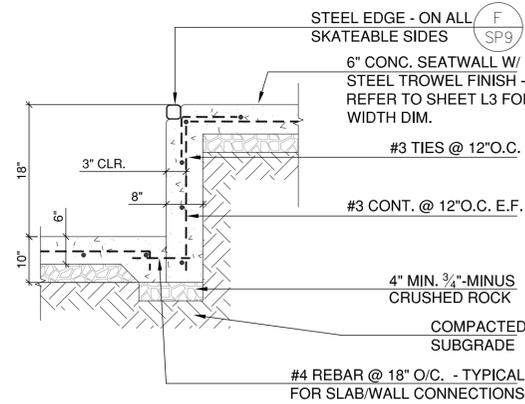
2" PRECAST BULLNOSE CONCRETE COPING BLOCK SET IN MORTAR BED (PENROSE COPING OR EQUAL) W/ 3/8" MORTAR JOINTS.



I POOL COPING DETAIL

SP9

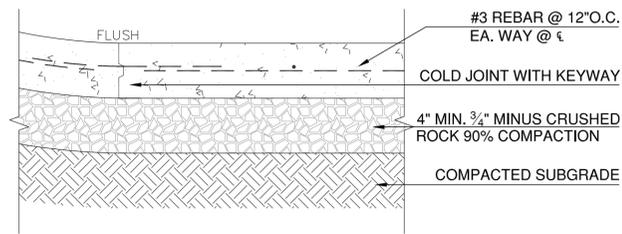
N.T.S.



C TYPICAL LEDGE DETAIL

SP9

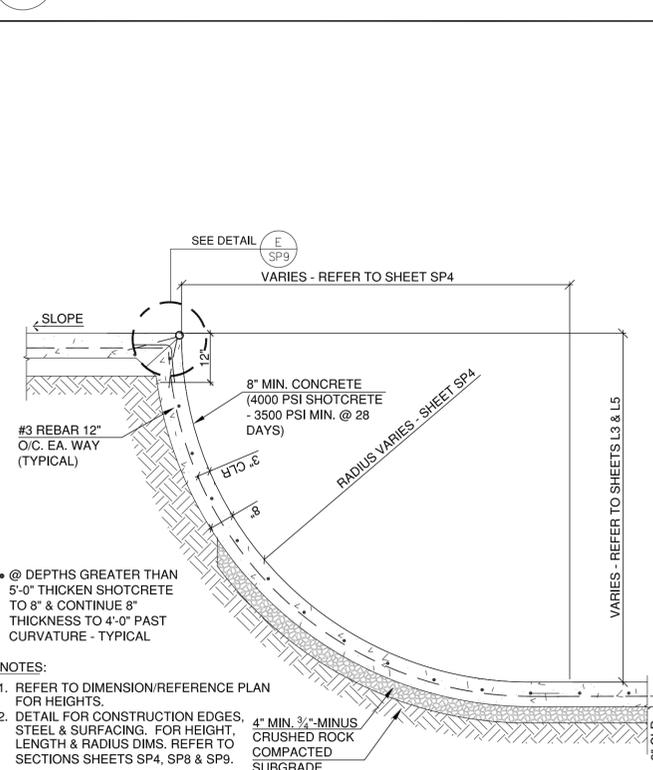
N.T.S.



D TOE CONNECTION DETAIL

SP9

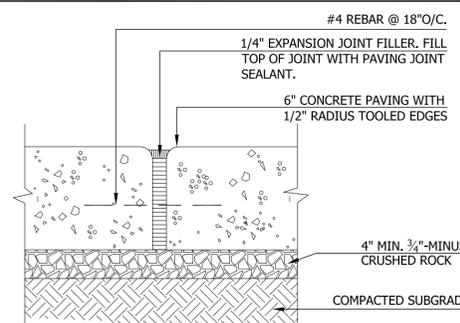
N.T.S.



G TRANSITION RAMP DETAIL 'G'

SP9

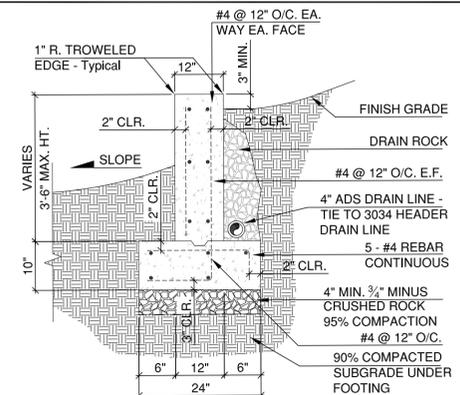
N.T.S.



J EXPANSION JOINT, (EJ)

SP9

N.T.S.

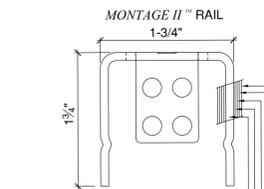


K SECTION 'K'

SP9

N.T.S.

NOTES:
1.) Post size depends on fence height and wind loads. See MONTAGE INDUSTRIAL™ specifications for post sizing chart and setting dimensions.



E-COAT™ COATING SYSTEM

- Base Material
- Uniform Zinc Coating (Hot Dip)
- Zinc Phosphate Coating
- Epoxy Primer
- Acrylic Topcoat

RAKING DIRECTIONAL ARROW
Welded panel can be raked 30' over 8' with arrow pointing down grade.

PROFUSION™ WELDING PROCESS

- No exposed welds, Good Neighbor profile - Same appearance on both sides

MONTAGE II™ RAIL

Specially formed high strength architectural shape.

M FENCE DETAIL

MONTAGE MAJESTIC WELDED STEEL (2-RAIL) OR APPROVED EQUAL

SP9

N.T.S.



MEARS DESIGN+GROUP
LANDSCAPE ARCHITECTURE & PLANNING
PO BOX 23338 | PORTLAND, OREGON | 97281
PHONE: 503.601.4516 | FAX: 503.924.4688

PRELIMINARY
LICENSED LANDSCAPE ARCHITECT
TROY MEARS, LANDSCAPE ARCHITECT
DATE: 4/15/15
DATE: 4/15/15

MONTEREY AVENUE SKATEPARK
MONTEREY PARK
POURED-IN-PLACE CONCRETE
CAPITOLA, CALIFORNIA

REV.	DATE	DESCRIPTION

SHEET NAME:
SKATEPARK DETAILS & NOTES

DRAWN BY: TAM
CHECKED BY: TAM
ISSUE DATE: 04/15/2015
JOB NO.: 1522

SHEET:

SP9

OF 10 PERMIT SET

