

CONSTRUCTION PLANS

FOR

PARKER ADVENTIST HOSPITAL MOB III

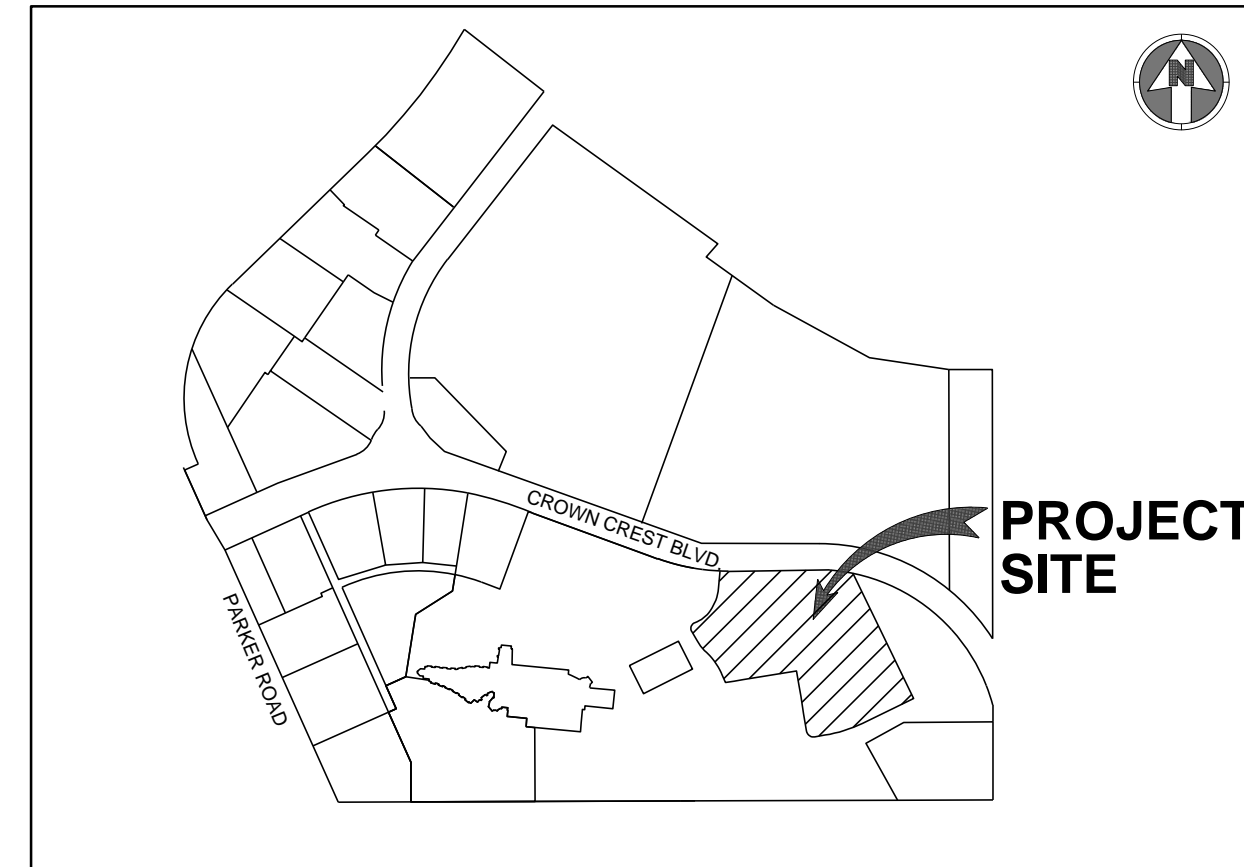
A PARCEL OF LAND BEING LOT 1, TRACT A, CROWN POINT F#1, 18TH AMENDMENT PLAT
SITUATED IN THE NORTHWEST QUARTER OF SECTION 10, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH PRINCIPAL MERIDIAN,
TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO

ENGINEER'S STATEMENT

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF COLORADO.

JASON DEAN CARR
COLORADO P.E.# 33854

DATE



VICINITY MAP
NO SCALE

Sheet Number	Sheet Title
C-000	COVER SHEET
C-001	CIVIL NOTES AND LEGEND
C-011	SITE PLAN
C-111	DEMOLITION PLAN
C-311	GRADING PLAN
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C-351	EROSION CONTROL DETAILS
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C-361	EROSION CONTROL DETAILS
C-362	EROSION CONTROL DETAILS
C-363	EROSION CONTROL DETAILS
C-451	SITE DETAILS
C-452	SITE DETAILS
C-511	UTILITY PLAN

AGENCY LIST

ELECTRIC-IREA
PO DRAWER A
5496 US HWY 85
SEDALIA, CO. 80135
303-688-3100
CONTACT: BROOKS KAUFMAN

GAS-XCEL ENERGY
2070 SOUTH VALENTIA STREET
DENVER, CO. 80231
1-800-628-2121
CONTACT: DESIGN MANAGER

FIRE-SOUTH METRO FIRE RESCUE
9195 E. MINERAL AVE
CENTENNIAL, CO 80112
720-989-2000
CONTACT: RANDY CAPRA

TOWN OF PARKER
PLANNING AND BUILDING DEPT.
20120 E. MAIN STREET
PARKER, CO. 80134
303-841-0953
CONTACT: PATRICK MULREADY

TOWN OF PARKER-PUBLIC WORKS
9200 MOTSENBOCKER ROAD
PARKER, CO 80134
303-840-9546
CONTACT: MIKE WAUGH

COTTONWOOD WATER & SANITATION DISTRICT
2 INVERNESS DRIVE EAST
ENGLEWOOD, CO
303-792-9509
CONTACT: PATRICK MULHERN/ LAURI TATLOCK

CABLE-COMCAST
6850 S. TUSCON WAY
ENGLEWOOD, CO. 80112
303-603-5605
CONTACT: KEVIN YOUNG

TELEPHONE - QWEST COMMUNICATIONS
LOCAL NETWORK OPERATIONS
9750 E. COSTILLA AVENUE
ENGLEWOOD, CO. 80112
303-792-1840
CONTACT: WILLIAM BENSON

TRI-COUNTY HEALTH DEPARTMENT
7000 E. BELLEVUE AVENUE
GREENWOOD VILLAGE, CO. 80111
303-220-9200
CONTACT: CAROL MACLENNAN

COTTONWOOD WATER AND SANITATION
DISTRICT ENGINEER-KENNEDY JENKS CONSULTING
143 UNION BOULEVARD
SUITE 600
LAKEWOOD, CO 80228
PHONE: 303-985-3636
CONTACTS: TOM NAPOLILLI

CROWN POINT ARCHITECTURAL
CONTROL COMMITTEE
27905 MEADOW DRIVE, SUITE 11
EVERGREEN, CO 80439 303-674-7856
CONTACT: TIM LEONARD

OWNER INFORMATION

PARKER ADVENTIST HOSPITAL
9395 CROWN CREST BLVD.
PARKER, CO. 80138
PHONE: 303-269-4014
CONTACT: JONATHON FISHER / CFO

DEVELOPER INFORMATION

CP DEVELOPMENT
OWNER REPRESENTATIVE:
GUIDE MANAGEMENT, LLC
CONTACT: KATE REILLY
PHONE: 720-255-6879
EMAIL: KATE@GUIDEMGMT.COM

DESIGN INFORMATION

ARCHITECT: RTA ARCHITECTS
PHONE: 719-471-7566

CIVIL ENGINEER: S. A. MIRO, INC
PHONE: 303-741-3737

LANDSCAPE ARCHITECT: GROUND LOGIC INC.
PHONE: 303-733-8333

PHOTOMETRIC ENGINEER: SSR, INC.
PHONE: 303-779-1222

BENCHMARK:

THE SITE BENCHMARK IS DOUGLAS COUNTY CONTROL MONUMENT NO. 1.115026, 473.35± NORTH AND 1959.02± WEST OF THE WEST 1/4 CORNER OF SECTION 3, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH PRINCIPAL MERIDIAN. 3-1/2" ALUMINUM CAP, ELEVATION 5759.78.

BASIS OF BEARING:

BEARINGS ARE BASED ON THE EAST LINE OF THE NORTHWEST QUARTER OF SECTION 10, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, BEING MONUMENTED ON THE SOUTH END BY A #6 REBAR WITH A 3.25" ALUMINUM CAP IN RANGE BOX "PLS 29412" AND ON THE NORTH END BY A #6 REBAR WITH A 3.25" ALUMINUM CAP "LS 9329". SAID LINE HAVING A BEARING OF NORTH 00°07'01" WEST, 2678.56 FEET AS DEPICTED ON THE CROWN POINT F#1, 4TH AMENDMENT PLAT. THE BEARINGS SHOWN ON THIS SURVEY ARE BASED ON THE CROWN POINT FILING NO. 1, 17TH AMENDMENT.



S.A. MIRO INC.
CONSULTING ENGINEERS

4582 South Ulster Street Pkwy.
Suite 750 Denver, CO 80237
ph. 303-741-3737
fax 303-694-3134



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REV.	DESCRIPTION	DATE
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CLIENT NAME:	PARKER ADVENTIST HOSPITAL
PROJECT NAME:	PARKER MOB III 9403 CROWN CREST BLVD.
DRAWING TITLE:	COVER SHEET
FILE PATH:	J:\Jobs\18057 Parker MOB III\05 CAD\Plans and Details\C000-COVR.dwg C000 - 8/7/2018

NOT FOR CONSTRUCTION

DESIGNED BY: DAT

DRAWN BY: DAT

CHECKED BY: MHV

DATE: 07/30/2018

MIRO JOB NUMBER: 18057

CLIENT JOB NUMBER

DRAWING NUMBER:

C-000

MASTER LEGEND:

PROPOSED		EXISTING	
	PROPERTY LINE		CURB AND GUTTER
	SECTION LINE		SIDEWALK
	RIGHT OF WAY LINE		WALL
	CENTER LINE		FENCE
	CURB AND GUTTER		SIGN
	SIDEWALK		LIGHT
	WALL		TREE
	FENCE		MINOR CONTOURS
	SIGN		MAJOR CONTOURS
	LIGHT		SPOT ELEVATION
	TREE		CABLE TV LINE
	MINOR CONTOURS		COMMUNICATION LINE
	MAJOR CONTOURS		ELECTRICAL LINE
	RIDGE LINE		OVERHEAD ELECTRICAL LINE
	SPOT ELEVATION		FIBER OPTIC LINE
	CABLE TV LINE		GAS LINE
	COMMUNICATION LINE		TELEPHONE LINE
	ELECTRICAL LINE		IRRIGATION LINE
	OVERHEAD ELECTRICAL LINE		RAW WATER LINE
	FIBER OPTIC LINE		SANITARY SEWER LINE
	GAS LINE		STEAM LINE
	TELEPHONE LINE		STORM SEWER LINE
	IRRIGATION LINE		WATER LINE
	RAW WATER LINE		EASEMENT
	SANITARY SEWER LINE		INLET
	STEAM LINE		FLARED END SECTIONS
	STORM SEWER LINE		CLEANOUT
	WATER LINE		FIRE HYDRANT
	EASEMENT		VALVE
	INLET		PEDESTAL
	FLARED END SECTIONS		MANHOLES
	CLEANOUT		
	FIRE HYDRANT		
	VALVE		
	WATER FITTINGS		
	PEDESTAL		
	UTILITY CROSSING		
	MANHOLES		

ABBREVIATIONS:

BFV	BUTTERFLY VALVE	PCC	POINT OF COMPOUND CURVATURE
BOV	BLOW OFF VALVE	PCR	POINT OF CURB RETURN
BW	BOTTOM OF WALL @ FINISHED GRADE	PI	POINT ON INTERSECTION
CL	CENTERLINE	PRC	POINT OF REVERSE CURVATURE
CMP	CORRUGATED METAL PIPE	PT	POINT OF TANGENCY
EJ	EXPANSION JOINT	PVC	POLYVINYL CHLORIDE
ELEC.	ELECTRIC	RCP	REINFORCED CONCRETE PIPE
ELEV.	ELEVATION	RCB	REINFORCED CONCRETE BOX
EX	EXISTING	ROW	RIGHT OF WAY
FES	FLARED END SECTION	RT	RIGHT
FL	FLOWLINE	SD	STORM DRAINAGE SEWER
GB	GRADE BREAK	SS	SANITARY SEWER
HP	HIGH POINT	STA.	STATION
FH	FIRE HYDRANT	STRM	STORM SEWER
INV.	INVERT	TOF	TOP OF FLANGE
IRR	IRRIGATION	TOP	TOP OF PIPE
KB	KICK BLOCK	TW	TOP OF WALL @ FINISHED GRADE
LF	LINEAR FEET	TYP.	TYPICAL
LP	LOW POINT	VCP	VITRIFIED CLAY PIPE
LT	LEFT	VPC	VERTICAL POINT OF CURVATURE
ME	MATCH EXISTING	VPI	VERTICAL POINT OF INTERSECTION
MH	MANHOLE	VPT	VERTICAL POINT OF TANGENCY
PC	POINT OF CURVATURE	WATR	WATER LINE

GENERAL NOTES:

1. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS AT AND ADJACENT TO THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
2. THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THE WORK SHOWN ON THE PLANS OR DESCRIBED IN THE SPECIFICATIONS IN A SATISFACTORY MANNER. THE CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, TOOLS, LABOR, AND INCIDENTALS TO COMPLETE THE WORK.
3. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AT THEIR EXPENSE TO COMPLETE ALL GRADING, UTILITY WORK AND INSTALLATION OF EROSION CONTROL MEASURES.
4. THE CONTRACTOR SHALL COORDINATE WORK WITH ALL ADJACENT PROJECTS.
5. DURING CONSTRUCTION IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING UTILITY LINES SHOWN ON THESE PLANS AND THOSE UTILITY LINES WHICH MAY NOT BE SHOWN ON THESE PLANS.
6. EXISTING SITE INFORMATION SHOWN ON THESE DRAWINGS IS BASED UPON AVAILABLE SURVEY BY FARNSWORTH GROUP DATED 07/11/18. S.A. MIRO, INC. MAKES NO WARRANTIES OR CERTIFICATION OF THE COMPLETENESS OR ACCURACY OF THE EXISTING CONDITIONS PRESENTED. THE CONTRACTOR SHALL INSPECT THE SITE TO ASSESS EXISTING CONDITIONS, AND SATISFY THEMSELVES THAT THE DOCUMENTS ACCURATELY REPRESENT THE SITE CONDITIONS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES FOUND DURING INITIAL INSPECTIONS, OR SUBSEQUENTLY, SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY FOR RESOLUTION RELATIVE TO THE INTENDED CONSTRUCTION.
7. THE EXISTING UTILITIES SHOWN ON THESE PLANS HAVE BEEN LOCATED USING FIELD SURVEY DATA LOCATING MANHOLES, WATER VALVES, ELECTRICAL EQUIPMENT, AND OTHER FEATURES FOUND AT THE SURFACE. NO SUBSURFACE EXPLORATION HAS BEEN DONE TO VERIFY EXACT LOCATION OF EXISTING UTILITIES. THE CONTRACTOR SHALL POTHOLE EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY POTENTIAL CONFLICT PRIOR TO CONSTRUCTION.
8. THE CONTRACTOR SHALL BEAR THE FULL COST OF REMOVAL, REPLACEMENT AND DELAY RELATED TO UNVERIFIED EXISTING CONDITIONS, WHERE THE CONTRACTOR FINDS CONFLICTS OR DISCREPANCIES, THEY SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
9. THE CONTRACTOR SHALL NOTIFY APPROPRIATE ENTITIES FOR UTILITY LOCATES AND START OF CONSTRUCTION PRIOR TO ANY WORK BEING STARTED.
10. THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH ALL AFFECTED PARTIES PRIOR TO ANY OUTAGES OR SHUTDOWN OF SERVICE.
11. ALL QUANTITIES SHOWN ON THESE PLANS ARE SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL FIELD VERIFY ALL QUANTITIES PRIOR TO CONSTRUCTION AND ORDERING OF ANY MATERIALS.
12. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
13. THE CONTRACTOR SHALL FOLLOW/VERIFY THE INTENT OF THE DESIGN AT ALL LOCATIONS OF TIE-IN TO EXISTING FEATURES.

DEMOLITION NOTES:

1. UNLESS OTHERWISE NOTED, EXISTING UTILITIES AND STRUCTURES SHALL REMAIN AND BE PROTECTED IN PLACE.
2. THE CONTRACTOR SHALL PROTECT ALL ADJACENT IMPROVEMENTS (BUILDINGS, ROADWAYS, FENCES, PARKING LOTS, UTILITIES, ETC.) FROM DAMAGE AND EROSION. ALL DISTURBED AREAS OUTSIDE OF THE LIMITS OF WORK SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.

HORIZONTAL CONTROL NOTES:

1. THE BASIS OF BEARING IS BASED ON THE EAST LINE OF THE NORTHWEST QUARTER OF SECTION 10, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, BEING MONUMENTED ON THE SOUTH END BY A #6 REBAR WITH A 3.25" ALUMINUM CAP IN RANGE BOX "PLS 29412" AND ON THE NORTH END BY A #6 REBAR WITH A 3.25" ALUMINUM CAP "LS 9329". SAID LINE HAVING A BEARING OF NORTH 0°0'07.01" WEST, 2678.56 FEET AS DEPICTED ON THE CROWN POINT #41, 4TH AMENDMENT PLAT. THE BEARINGS SHOWN ON THIS SURVEY ARE BASED ON THE CROWN POINT FILING NO. 1, 17TH AMENDMENT.
2. THE CONTRACTOR SHALL VERIFY THAT BUILDING GRID LOCATIONS ARE CONSISTENT WITH LATEST ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.

PAVING NOTES:

1. THE CONTRACTOR SHALL ADJUST EXISTING AND PROPOSED MANHOLES, WATER VALVES AND OTHER SURFACE APPURTENANCES WITHIN THE LIMITS OF WORK TO FINISHED GRADE.
2. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL/LANDSCAPE PLANS FOR CONCRETE SCORING PATTERNS, COLOR AND FINISHING.
3. PROPOSED PAVEMENT DESIGN IS BASED UPON THE GEOTECHNICAL REPORT BY KUMAR & ASSOCIATES INC. DATED 07/17/18. S.A. MIRO, INC. MAKES NO WARRANTIES OR CERTIFICATION OF PAVEMENT PERFORMANCE.

UTILITY NOTES:

1. LOCATION OF ALL EXISTING UTILITIES (PRIVATE AND PUBLIC) SHALL BE IDENTIFIED AND VERIFIED BY THE CONTRACTOR PRIOR TO MOBILIZATION, CONSTRUCTION AND ORDERING OF MATERIALS. IF ANY CONFLICTS OR DISCREPANCIES ARE FOUND THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. THE CONTRACTOR SHALL BEAR THE FULL COST OF REMOVAL, REPLACEMENT, REPAIR AND DELAYS RELATED TO ANY AND ALL UNVERIFIED EXISTING CONDITIONS.
2. ALL UTILITY LENGTHS AND QUANTITIES SHOWN ON THESE PLANS ARE FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND QUANTITIES PRIOR TO ORDERING OF ANY MATERIALS.
3. PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
4. WHERE FLARED END SECTIONS ARE REQUIRED, THE LENGTH OF PIPE INCLUDES THE FLARED END SECTION.
5. ALL UTILITY WORK SHALL BE COMPLETED PRIOR TO ANY PAVING.
6. CONTRACTOR SHALL SURVEY THE LOCATION AND ELEVATION OF ALL INSTALLED UTILITIES PRIOR TO TRENCH BACKFILL, AND PROVIDE SURVEY INFORMATION TO THE ENGINEER UPON COMPLETION OF THE PROJECT FOR AS-BUILT DOCUMENTATION.

GRADING NOTES:

1. SITE GRADING (EXCAVATION, EMBANKMENTS, AND COMPACTION) SHALL CONFORM TO THE RECOMMENDATIONS OF THE LATEST GEOTECHNICAL REPORT FOR THIS PROPERTY.
2. SPOT ELEVATIONS MAY BE ABBREVIATED FOR CLARITY. REFER TO THE ADJACENT CONTOUR LABELS FOR FULL ELEVATIONS.
3. MAXIMUM PROPOSED SLOPES SHALL BE 4:1 UNLESS NOTED OTHERWISE.
4. SPOT ELEVATIONS ARE TO FLOWLINE UNLESS NOTED OTHERWISE.
5. PROPOSED GRADING SHALL MEET AND MATCH EXISTING GRADE AT LIMITS OF DISTURBANCE.
6. PROPOSED GRADING AS SHOWN REFLECTS PLANNED FINISHED GRADE. THE CONTRACTOR SHALL ACCOUNT FOR PAVEMENT DEPTH, SUBGRADE REQUIREMENTS, OVEREXCAVATION, TOPSOIL, AND ANY PLANNED SURFACING CONSTRUCTION.
7. MAXIMUM TEMPORARY SLOPES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS AND IN COMPLIANCE WITH OSHA REQUIREMENTS.
8. THE CONTRACTOR SHALL CONFORM TO OVEREXCAVATION REQUIREMENTS DETAILED WITHIN THE PROJECT SPECIFICATIONS. OVEREXCAVATION REQUIREMENTS ARE NOT DEPICTED ON THE CIVIL PLANS.



S.A. MIRO INC.
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CLIENT NAME:	PARKER ADVENTIST HOSPITAL
PROJECT NAME:	PARKER MOB III
DRAWING TITLE:	9403 CROWN CREST BLVD. CIVIL NOTES AND LEGEND
FILE PATH:	J:\Jobs\18057 Parker MOB III\05 CAD\Plans and Details\C000-COVR.dwg C001 - 8/7/2018

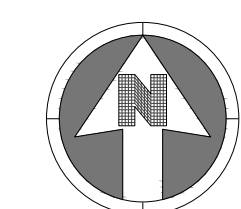
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DATE:	07/30/2018
MIRO JOB NUMBER	18057
CLIENT JOB NUMBER	

DRAWING NUMBER:
C-001



KEY MAP
NOT TO SCALE



40 0 40
SCALE: 1" = 40'

NOTES:

1. SEE SHEET C-001 FOR CIVIL NOTES AND LEGEND.

Please revise to reflect compliance with the Site Plan application.

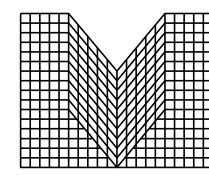
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CLIENT NAME:	PARKER ADVENTIST HOSPITAL
PROJECT NAME:	PARKER MOB III 9403 CROWN CREST BLVD.
DRAWING TITLE:	SITE PLAN
FILE PATH:	J:\Jobs\18057 Parker MOB III\05 CAD\Plans and Details\C011-SITE-PLAN.dwg C-011 - 8/7/2018

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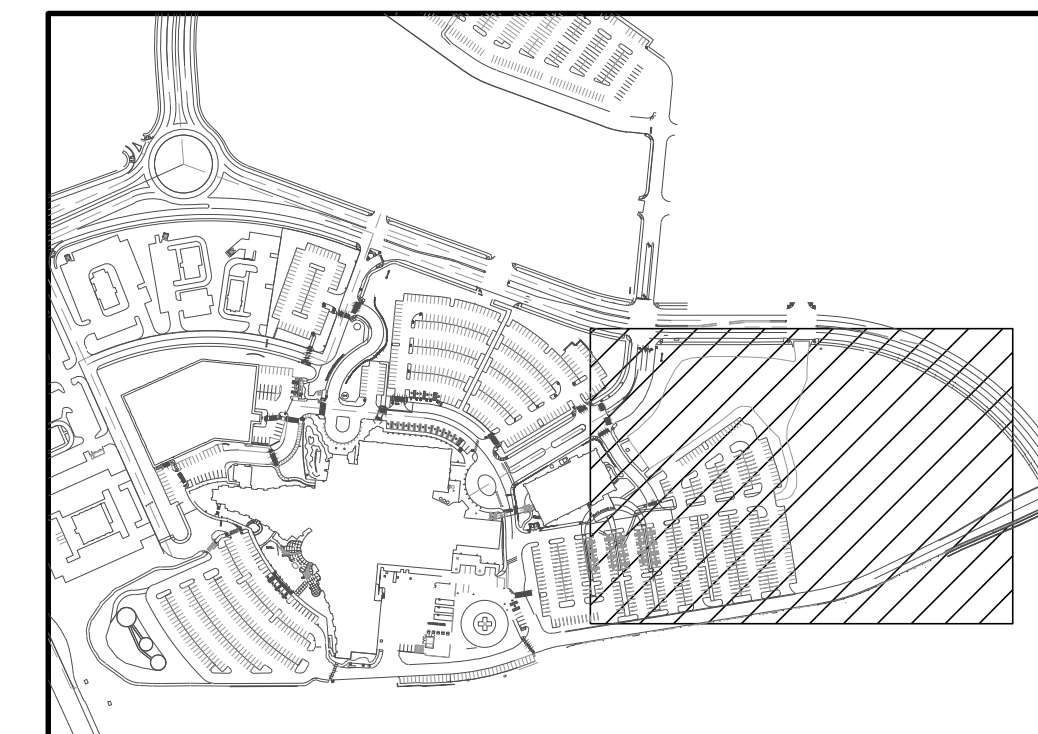


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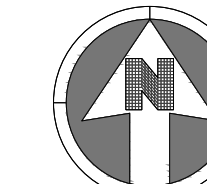


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KEY MAP

NOT TO SCALE



40 0 40

SCALE: 1" = 40'

NOTES:

- SEE SHEET C-001 FOR CIVIL NOTES AND LEGEND.

LEGEND:

- UTILITY TO BE REMOVED
- CURB AND GUTTER REMOVAL
- CONCRETE SIDEWALK REMOVAL
- ASPHALT PAVEMENT REMOVAL
- TEMPORARY PARKING TO BE REMOVED
- SAWCUT LINE
- REMOVE/ RELOCATE SIGN
- REMOVE/ RELOCATE TREE
- REMOVE/ RELOCATE LIGHT POLE



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CLIENT NAME: **PARKER ADVENTIST HOSPITAL**
 PROJECT NAME: **PARKER MOB III**
 DRAWING TITLE: **9403 CROWN CREST BLVD. DEMOLITION PLAN**

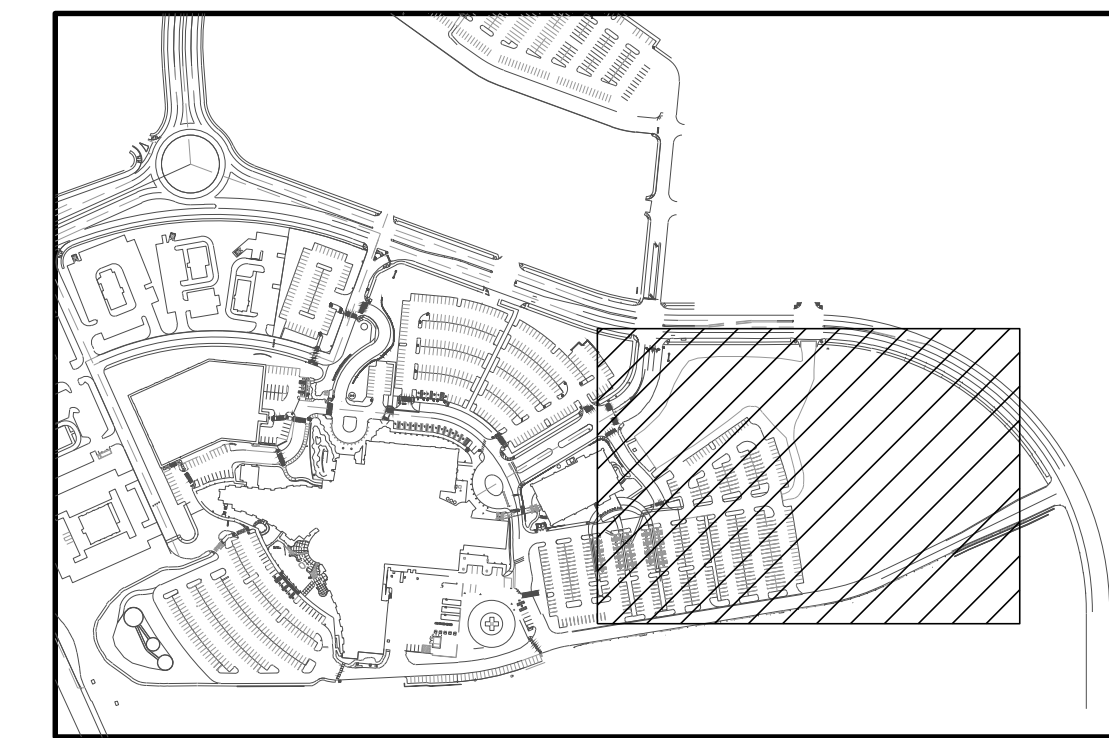
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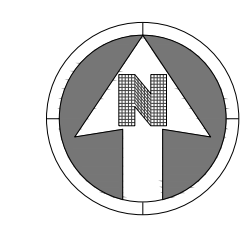
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 DATE: 07/30/2018

MIRO JOB NUMBER: 18057
 CLIENT JOB NUMBER: []

DRAWING NUMBER:
C-111



KEY MAP
NOT TO SCALE



40 0 40
SCALE: 1" = 40'

- NOTES:**
- SEE SHEET C-001 FOR CIVIL NOTES AND LEGEND.
 - SPOT ELEVATIONS SHOWN ARE LIP OF CURB UNLESS NOTED OTHERWISE.



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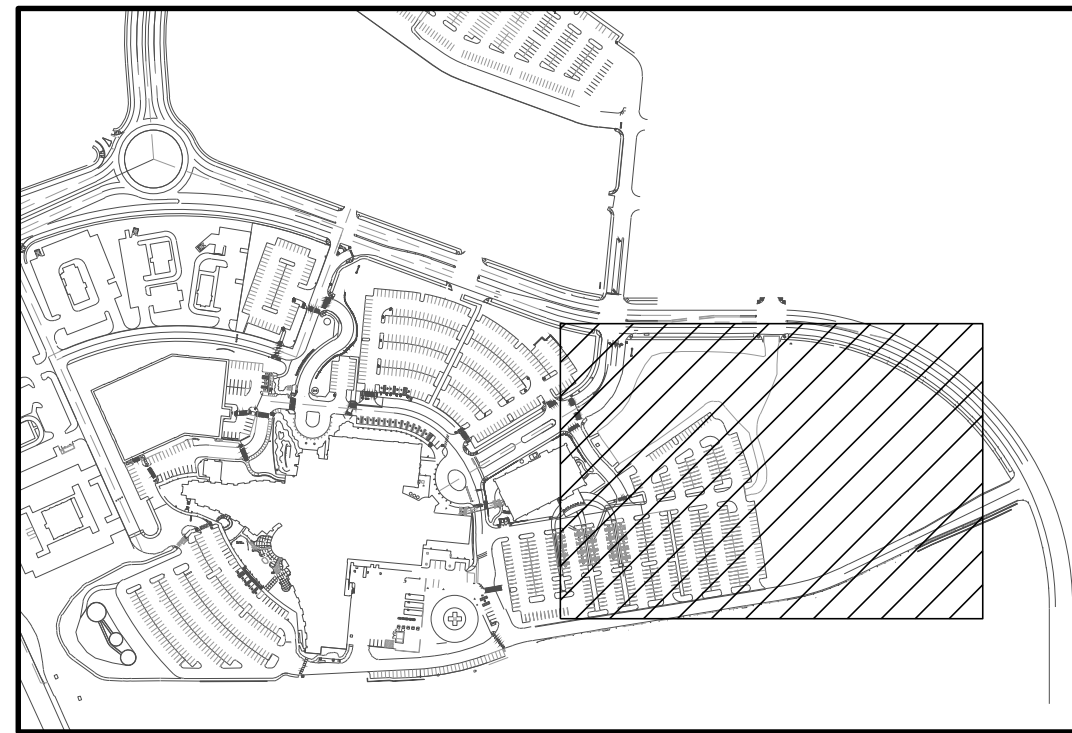
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CLIENT NAME: PARKER ADVENTIST HOSPITAL
PROJECT NAME: PARKER MOB III
DRAWING TITLE: 9403 CROWN CREST BLVD. GRADING PLAN
FILE PATH: J:\Jobs\18057 Parker MOB III\05 CAD\Plans and Details\C311-GRAD-PLAN.dwg C-311 - 8/7/2018

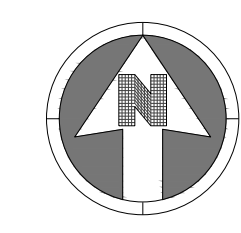
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DATE: 07/30/2018
MIRO JOB NUMBER: 18057
CLIENT JOB NUMBER:

DRAWING NUMBER:
C-311



KEY MAP
NOT TO SCALE



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SCALE: 1" = 40'

- NOTES:**
- SEE SHEET C-001 FOR CIVIL NOTES AND LEGEND.
 - SEE SHEET C-351 THROUGH C-363 FOR EROSION CONTROL DETAILS.
 - SHADED BMP'S IN INTERIM AND FINAL EROSION CONTROL PLANS SHALL BE LEFT IN PLACE UNTIL REVEGETATION IS ESTABLISHED.
 - CONTRACTOR IS RESPONSIBLE FOR DEBRIS AND TRAFFIC CONTROL ON AND NEXT TO ENTIRE SITE.

- LEGEND:**
- FLOW DIRECTION ARROW
 - SILT FENCE
 - CONSTRUCTION FENCE
 - INLET PROTECTION CURB ON SUMP
 - INLET PROTECTION AREA INLET NOT IN PAVEMENT
 - INLET PROTECTION FOR AREA INLET ON GRADE
 - OUTLET PROTECTION
 - VEHICLE TRACKING CONTROL
 - STABILIZED STORAGE AREA
 - CONCRETE WASHOUT AREA
 - PORTABLE TOILET PROTECTION
 - ROUGH-CUT STREET CONTROL
 - SEED, MULCH AND CRIMP

M I R O
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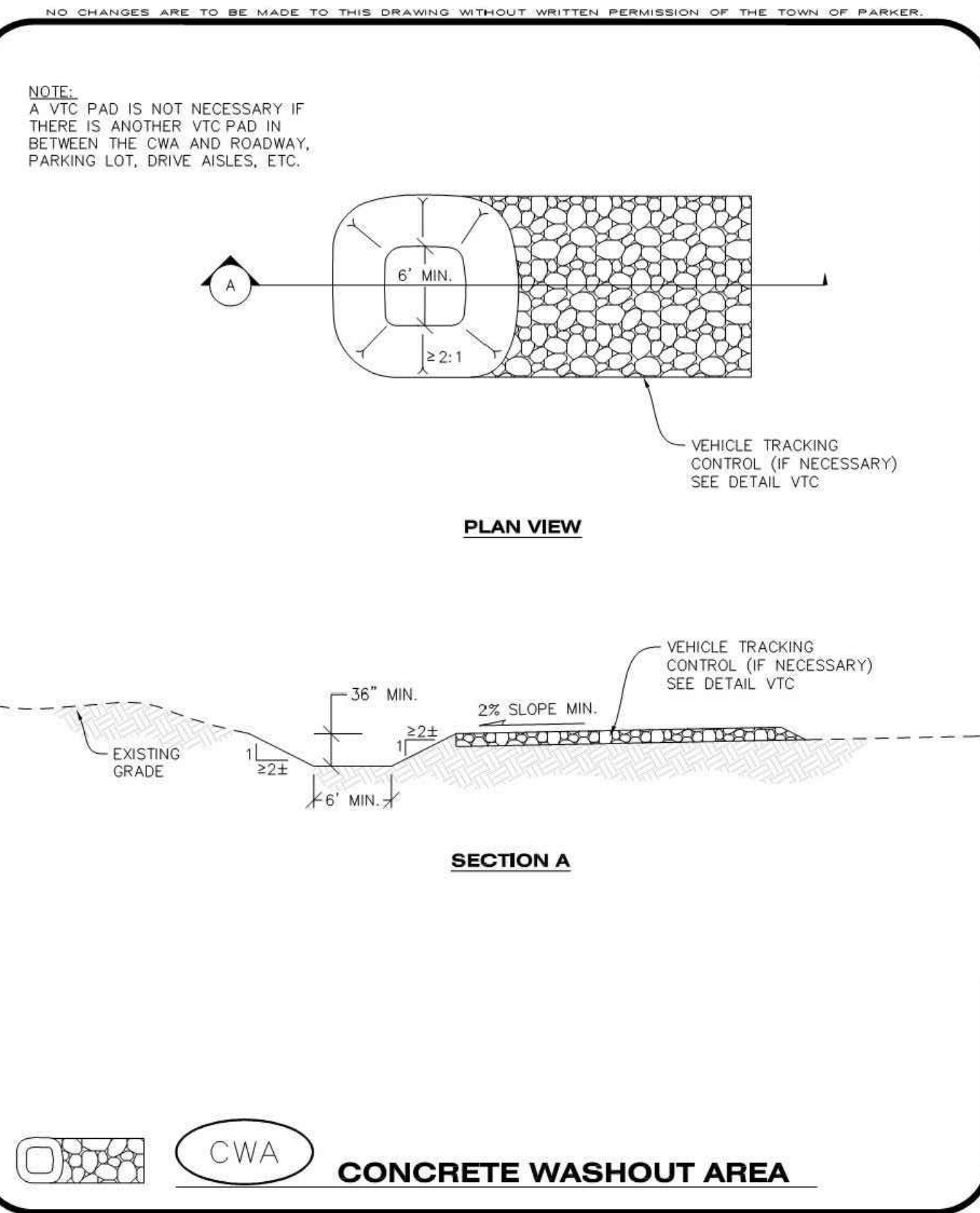
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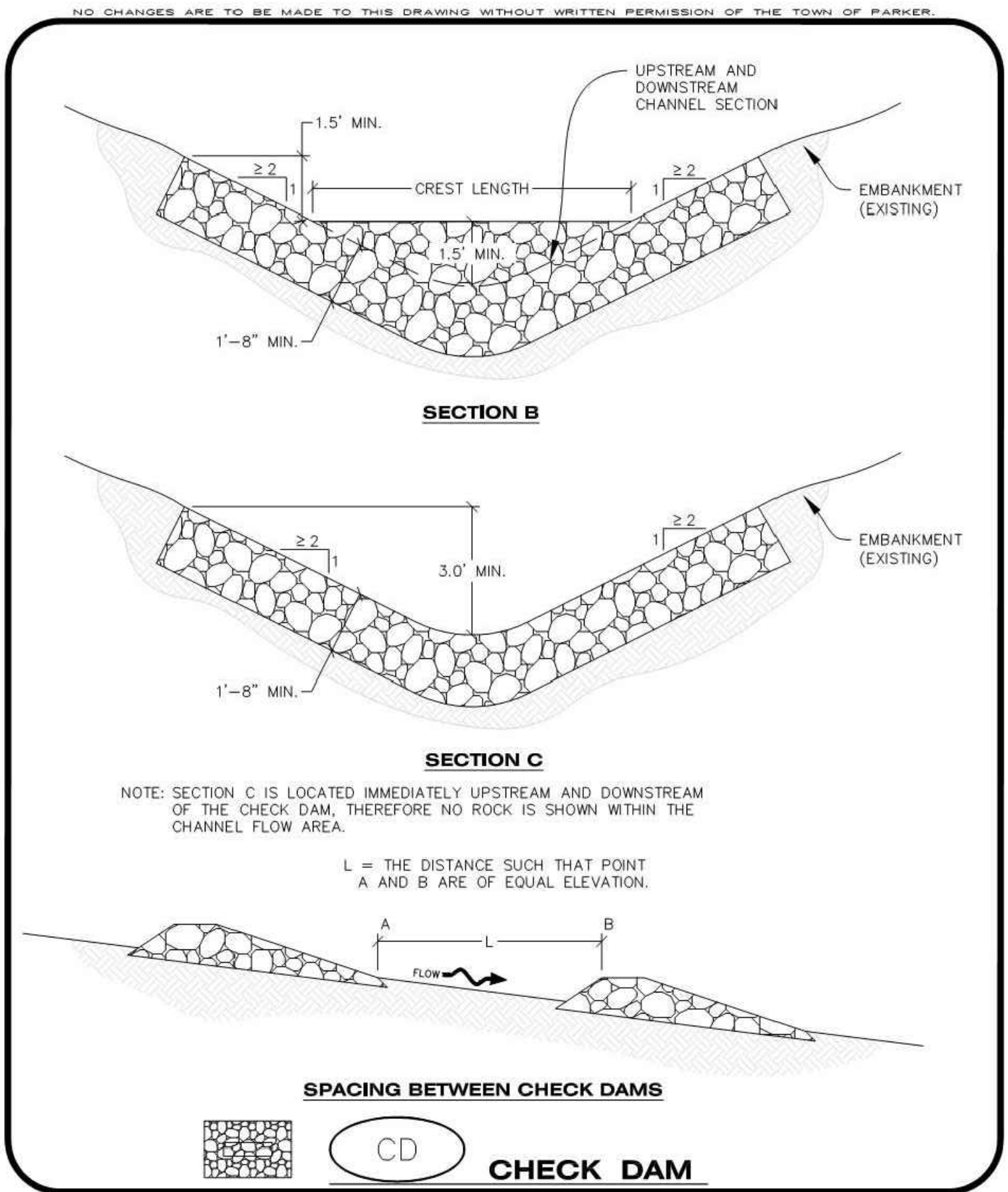
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PROJECT NAME: **PARKER MOB III**
DRAWING TITLE: **9403 CROWN CREST BLVD. INITIAL EROSION CONTROL PLAN**
FILE PATH: J:\Jobs\18057 Parker MOB III\05 CAD\Plans and Details\C341-EROS-INITIAL-PLAN.dwg C-341 - 8/7/2018

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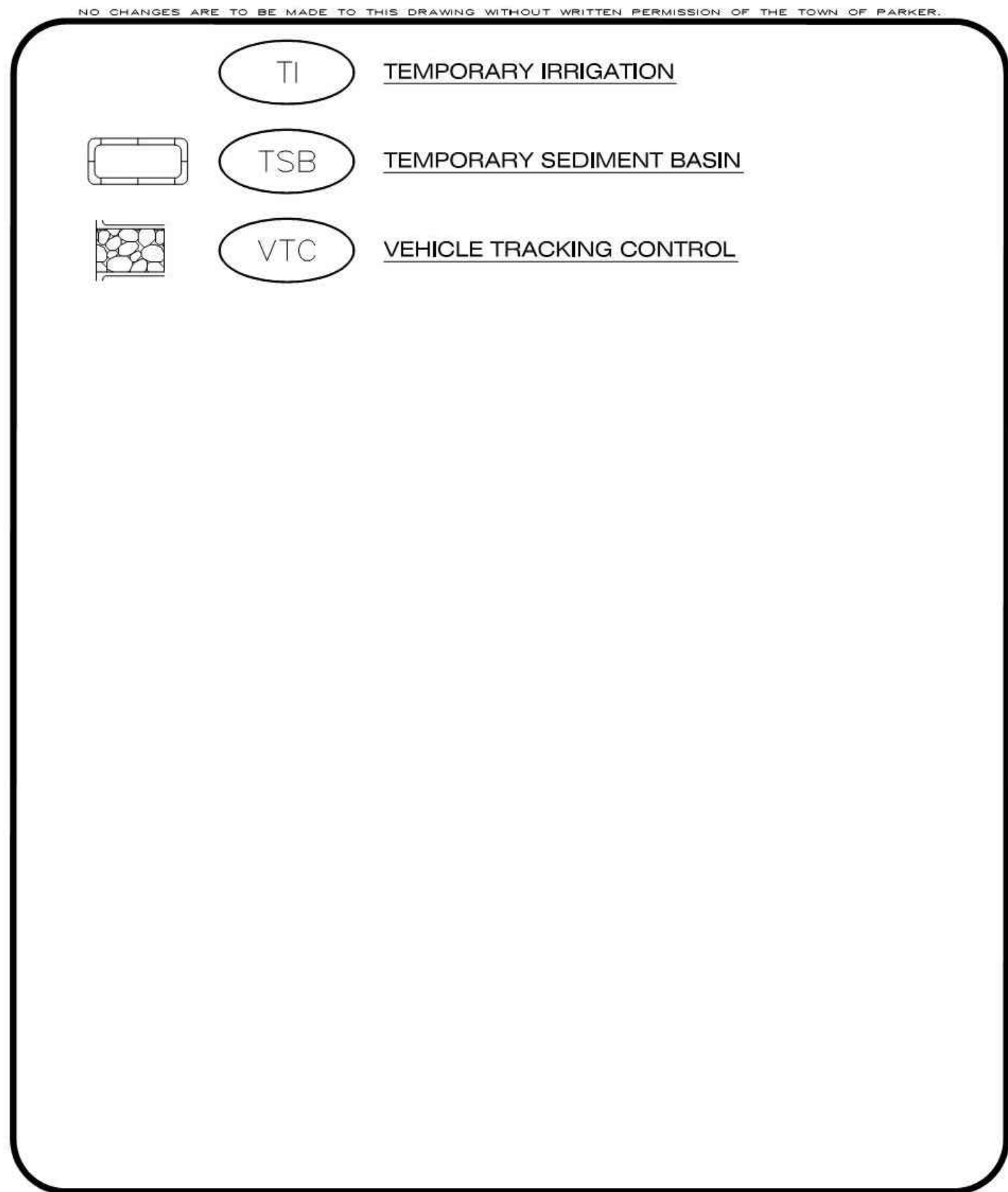
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CLIENT JOB NUMBER:
DRAWING NUMBER: **C-341**



Parker COLORADO | **CBMP** | **CWA**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 2
Oct. 2013



Parker COLORADO | **CBMP** | **CD**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 3
Oct. 2013



Parker COLORADO | **CBMP** | **LEGEND**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 3 OF 3
Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

CONCRETE WASHOUT AREA INSTALLATION NOTES

1. CONCRETE WASHOUT AREAS SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
2. A VEHICLE TRACKING CONTROL PAD IS REQUIRED AT THE ACCESS POINT TO ALL CONCRETE WASHOUT AREAS WHEN NO OTHER VTC PAD EXISTS IN BETWEEN THE CWA AND THE ROADWAY.
3. IF GROUNDWATER IS ENCOUNTERED WHEN DIGGING THE PIT, A NEW LOCATION SHOULD BE SELECTED. IF NO OTHER LOCATION CAN BE FOUND, A ONE-PIECE IMPERVIOUS LINER SHALL BE REQUIRED ALONG THE BOTTOM AND SIDES OF THE SUBSURFACE PIT.

CONCRETE WASHOUT AREA INSPECTION AND MAINTENANCE NOTES

1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE CONCRETE WASHOUT AREA.
2. CONCRETE WASHOUT MATERIALS SHALL BE REMOVED BEFORE ITS CAPACITY HAS BEEN REACHED.
3. CONCRETE WASHOUT AREAS SHALL BE ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE AND ASSOCIATED WASH WATER.
4. CONCRETE WASHOUT WATER, WASTED PIECES OF CONCRETE AND ALL OTHER DEBRIS IN THE SUBSURFACE PIT SHALL BE TRANSPORTED FROM THE JOB SITE AS NECESSARY TO ENSURE ADEQUATE CAPACITY.
5. CONCRETE WASHOUT AREAS SHALL REMAIN IN PLACE UNTIL ALL CONCRETE FOR THE PROJECT IS PLACED.
6. WHEN CONCRETE WASHOUT AREAS ARE REMOVED, THE TOWN'S INSPECTOR MAY REQUIRE EXCAVATIONS TO BE FILLED WITH SUITABLE COMPACTED BACKFILL AND TOPSOIL, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE CONCRETE WASHOUT AREAS SHALL BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).

Parker COLORADO | **CBMP** | **CWA**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 2
Oct. 2013

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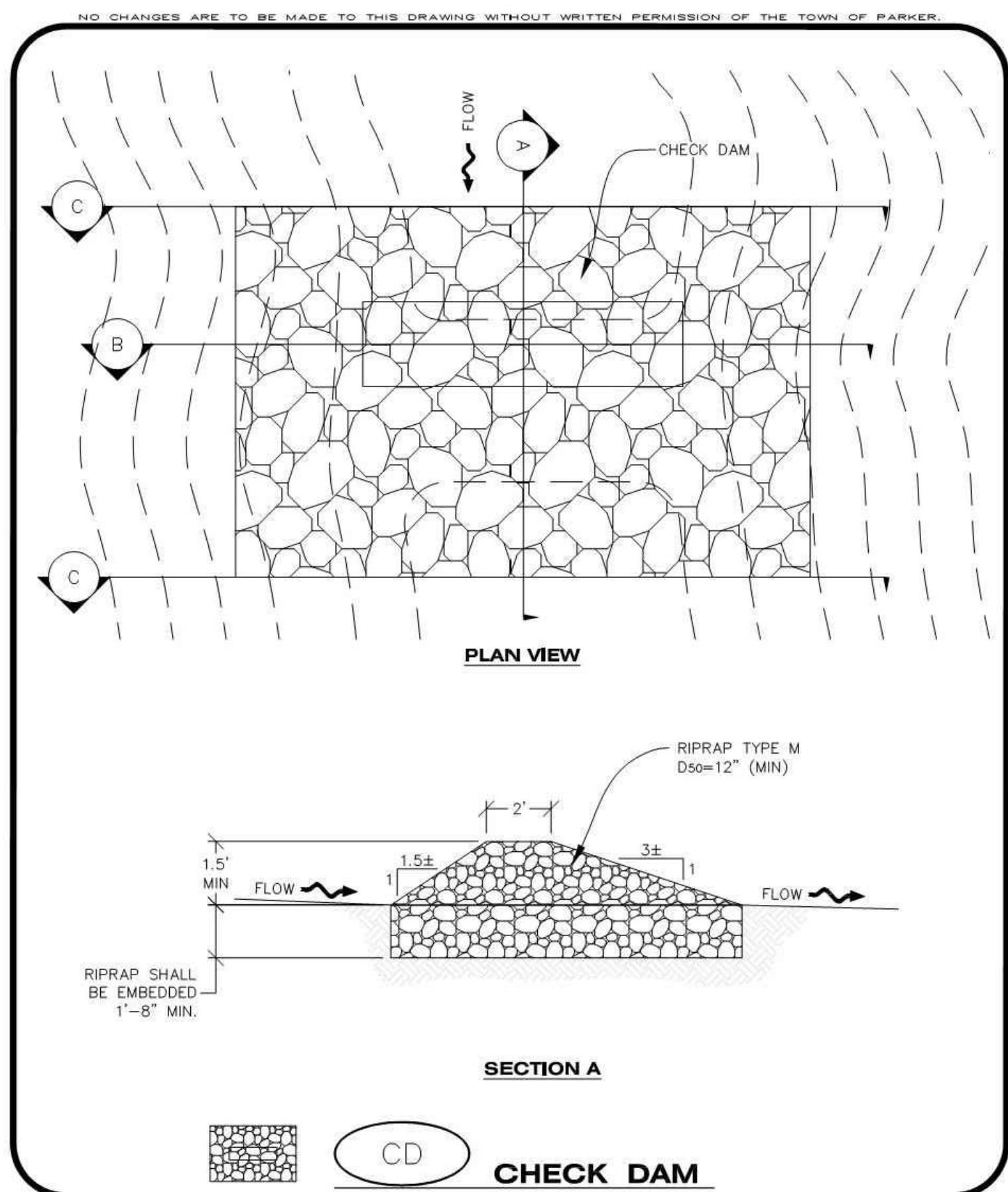
CHECK DAM INSTALLATION NOTES

1. SEE PLAN VIEW FOR LOCATION(S) OF CHECK DAMS.
2. CHECK DAMS SHOWN ON CBMP PLAN SHALL BE INSTALLED WHEN DIRECTED BY THE TOWN'S INSPECTOR.
3. RIPRAP UTILIZED FOR CHECK DAMS SHALL HAVE A D50 MEDIAN STONE SIZE OF 12".
4. RIPRAP PAD SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF 1'-8".
5. THE MAXIMUM SPACING BETWEEN CHECK DAMS SHOULD BE SUCH THAT THE BOTTOM OF THE UPSTREAM DAM IS AT THE SAME ELEVATION AS THE TOP OF THE DOWNSTREAM DAM AS SHOWN IN THE DETAIL.

CHECK DAM INSPECTION AND MAINTENANCE NOTES

1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE CHECK DAMS.
2. ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE SEDIMENT HAS REACHED A DEPTH EQUAL TO 1/2 THE HEIGHT OF THE CREST OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
3. CHECK DAMS SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
4. WHEN CHECK DAMS ARE REMOVED, THE TOWN'S INSPECTOR MAY REQUIRE EXCAVATIONS TO BE FILLED WITH SUITABLE COMPACTED TOPSOIL AND ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE CHECK DAMS BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).
5. IN SOME INSTANCES, CHECK DAMS MAY REMAIN IN PLACE PERMANENTLY.

Parker COLORADO | **CBMP** | **CD**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 3 OF 3
Oct. 2013



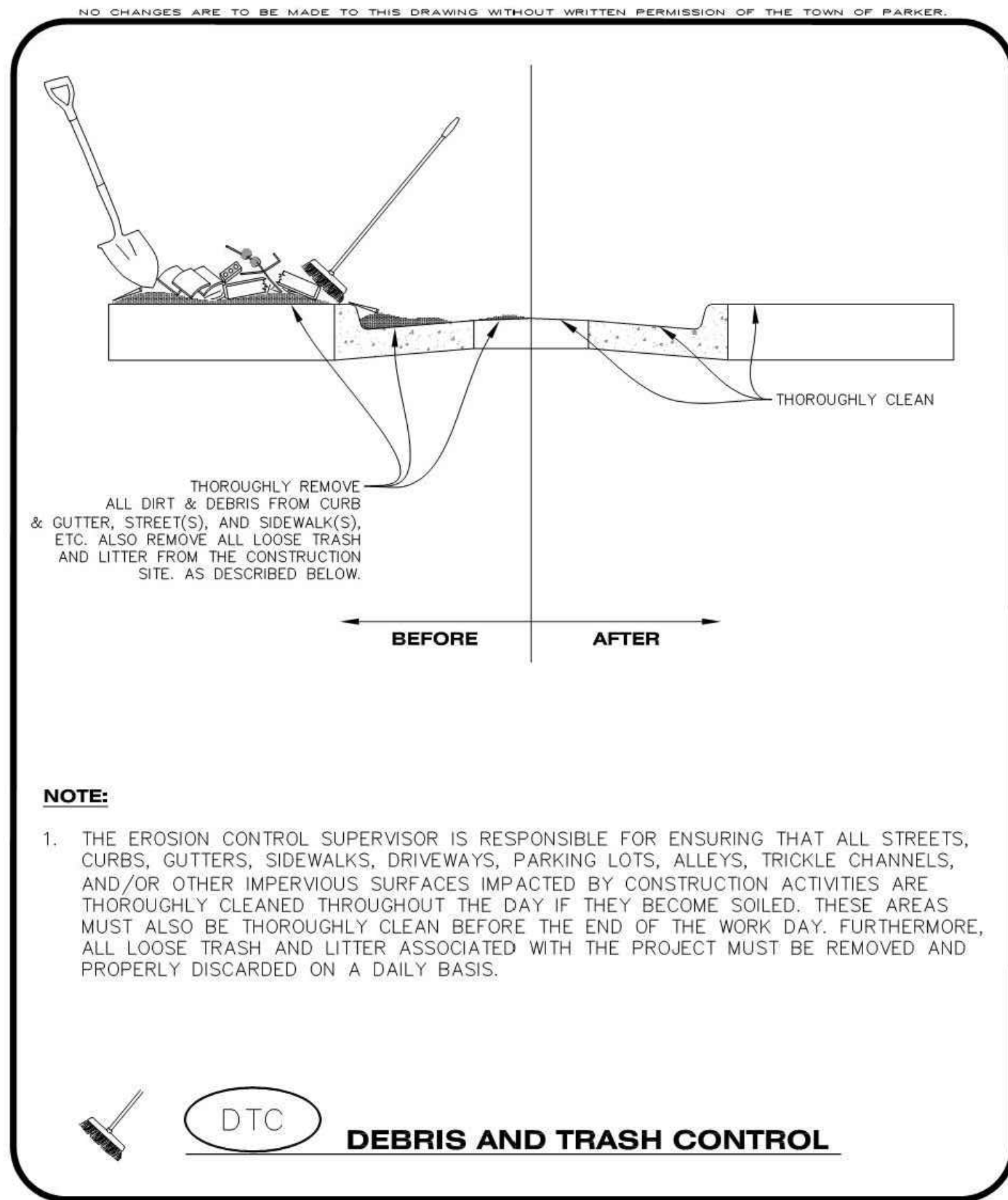
Parker COLORADO | **CBMP** | **CD**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 3
Oct. 2013

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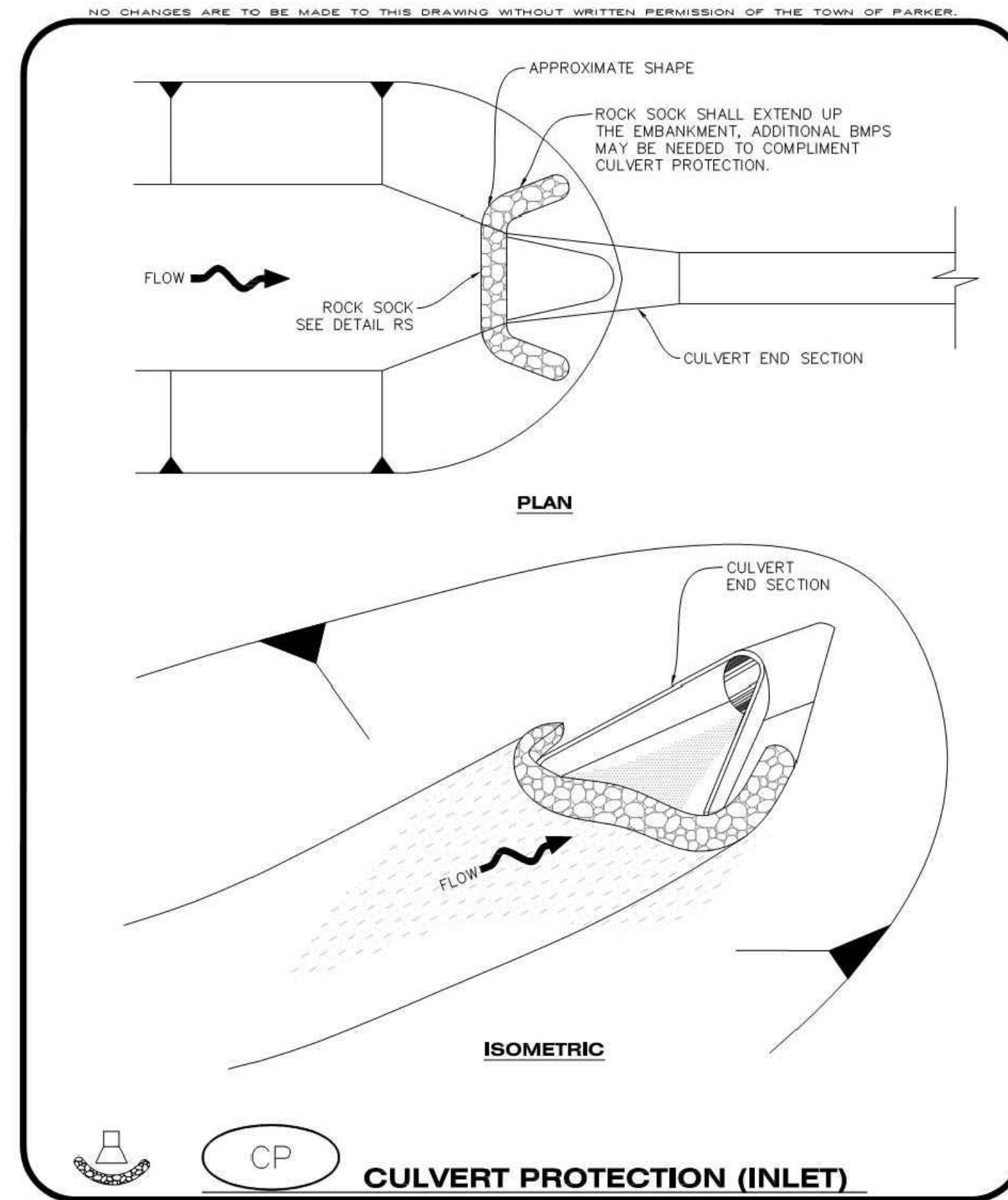
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PROJECT NAME: **PARKER MOB III**
9403 CROWN CREST BLVD.
DRAWING TITLE: **EROSION CONTROL DETAILS**
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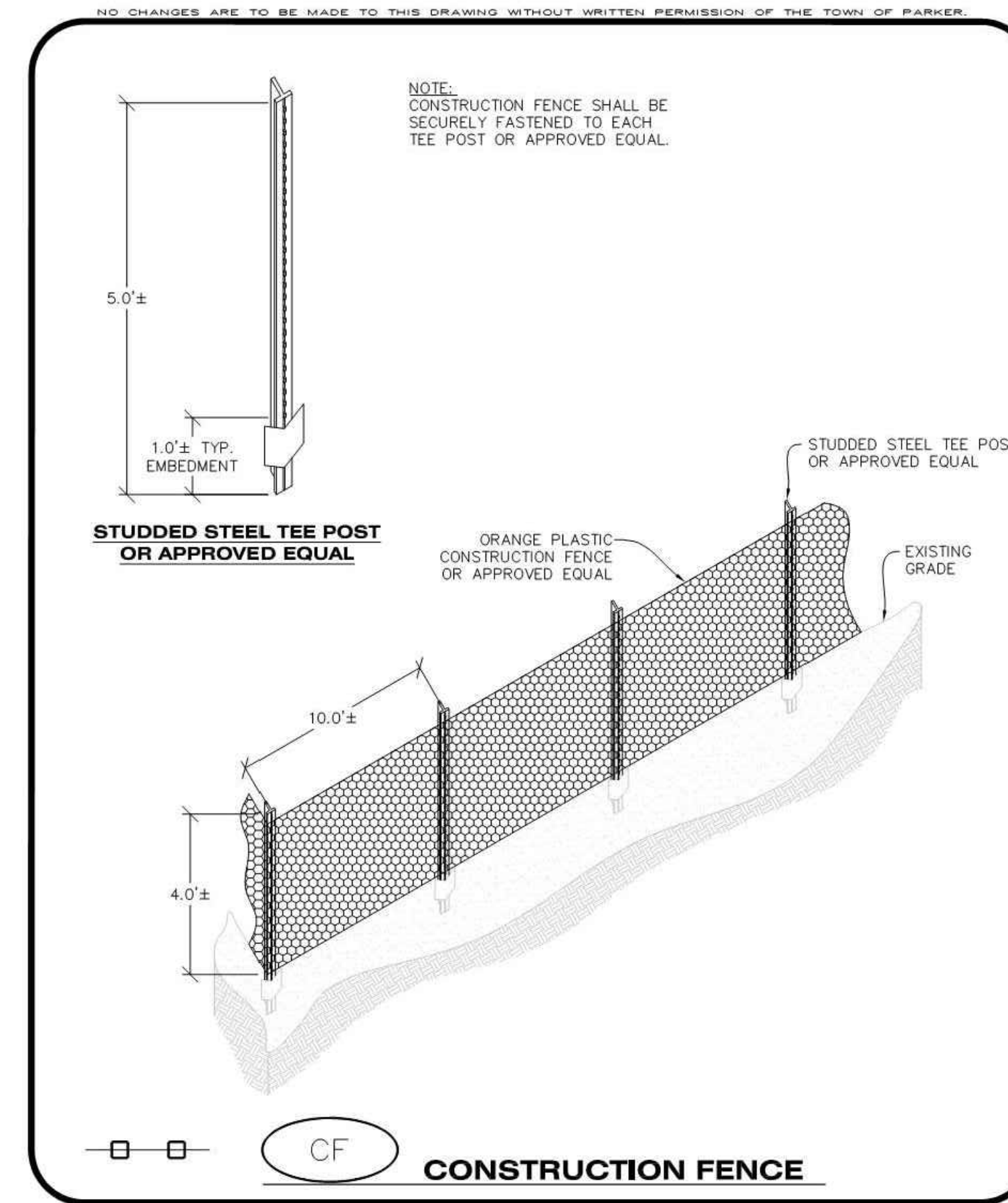
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Parker COLORADO | **CBMP** | **DTC**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 2
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Parker COLORADO | **CBMP** | **CP**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 2
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Parker COLORADO | **CBMP** | **CF**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 2
Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

DEBRIS CONTROL NOTES:

1. A COMBINATION OF SURFACE SCRAPING AND SWEEPING MAY BE NECESSARY TO PROPERLY CLEAN THESE AREAS.
2. ALL CHEMICAL SPILLS AND/OR STAINS ON THE SITE SHALL BE CLEANED TO THE MAXIMUM EXTENT PRACTICABLE. IN SOME CASES IT MAY BE NECESSARY TO USE PRESSURIZED WATER AND A VAC-TRUCK.
3. ON-SITE PERSONNEL, DELIVERY DRIVERS, ETC., SHOULD BE EDUCATED ON THE NEED FOR CONTINUAL DEBRIS AND TRASH CONTROL.

Parker COLORADO | **CBMP** | **DTC**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 2
Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

CULVERT PROTECTION (INLET) INSTALLATION NOTES

1. SEE PLAN VIEW FOR LOCATION(S) OF CULVERT PROTECTION (INLET).
2. ROCK SOCK SHALL BE CONSTRUCTED ACCORDING TO THE DETAIL (SEE DETAIL RS).
3. ROCK SOCK SHALL BE APPROXIMATELY 12" IN DIAMETER.
4. ROCK SOCK SHALL EXTEND ABOVE THE FLOW LINE ELEVATION ON BOTH SIDES OF THE CULVERT END SECTION.

CULVERT PROTECTION (INLET) INSPECTION AND MAINTENANCE NOTES

1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE CULVERT PROTECTION (INLET).
2. AT A MINIMUM, ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE SEDIMENT HAS REACHED A DEPTH EQUAL TO 1/2 THE HEIGHT OF THE ROCK SOCK.
3. CULVERT PROTECTION (INLET) IS TO REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
4. WHEN THE CULVERT INLET PROTECTION IS REMOVED, THE TOWN'S INSPECTOR MAY REQUIRE ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE CULVERT INLET PROTECTION TO BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).

Parker COLORADO | **CBMP** | **CP**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 2
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CONSTRUCTION FENCE INSTALLATION NOTES

1. THE CONSTRUCTION FENCE SHALL BE SECURELY FASTENED TO EACH POST OR APPROVED EQUAL.

CONSTRUCTION FENCE INSPECTION AND MAINTENANCE NOTES

1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE CONSTRUCTION FENCE AND MAKE ANY NECESSARY REPAIRS.
2. CONSTRUCTION FENCE SHALL BE REPAIRED WHEN THE FENCING MATERIAL FALLS OUT OF COMPLIANCE WITH THE NOTES AND DETAILS.

Parker COLORADO | **CBMP** | **CF**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 2
Oct. 2013



S.A. MIRO INC.
CONSULTING ENGINEERS
4582 South Ulster Street Pkwy.
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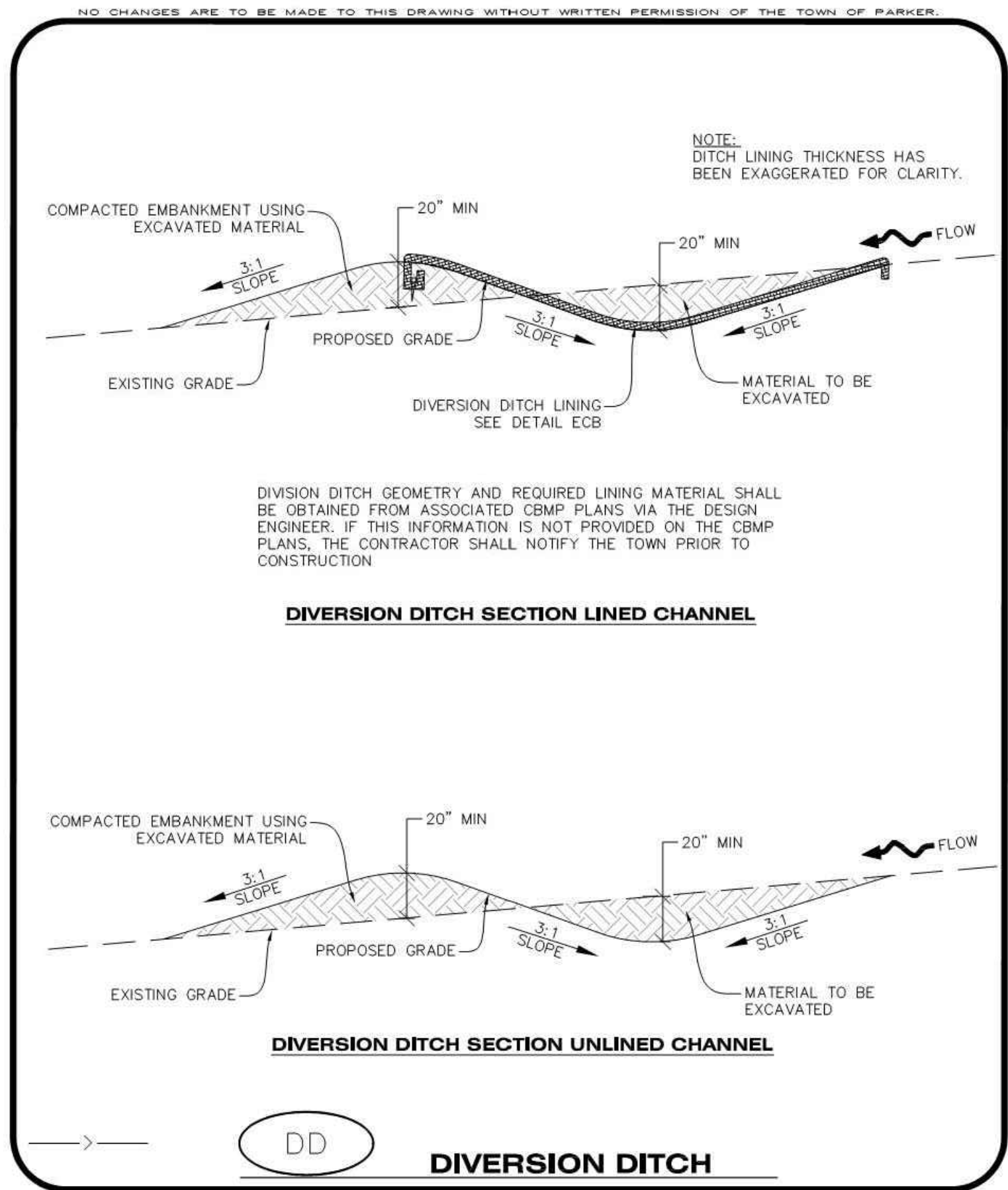
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CLIENT NAME: **PARKER ADVENTIST HOSPITAL**
PROJECT NAME: **PARKER MOB III**
PROJECT TITLE: **9403 CROWN CREST BLVD.**
DRAWING TITLE: **EROSION CONTROL DETAILS**
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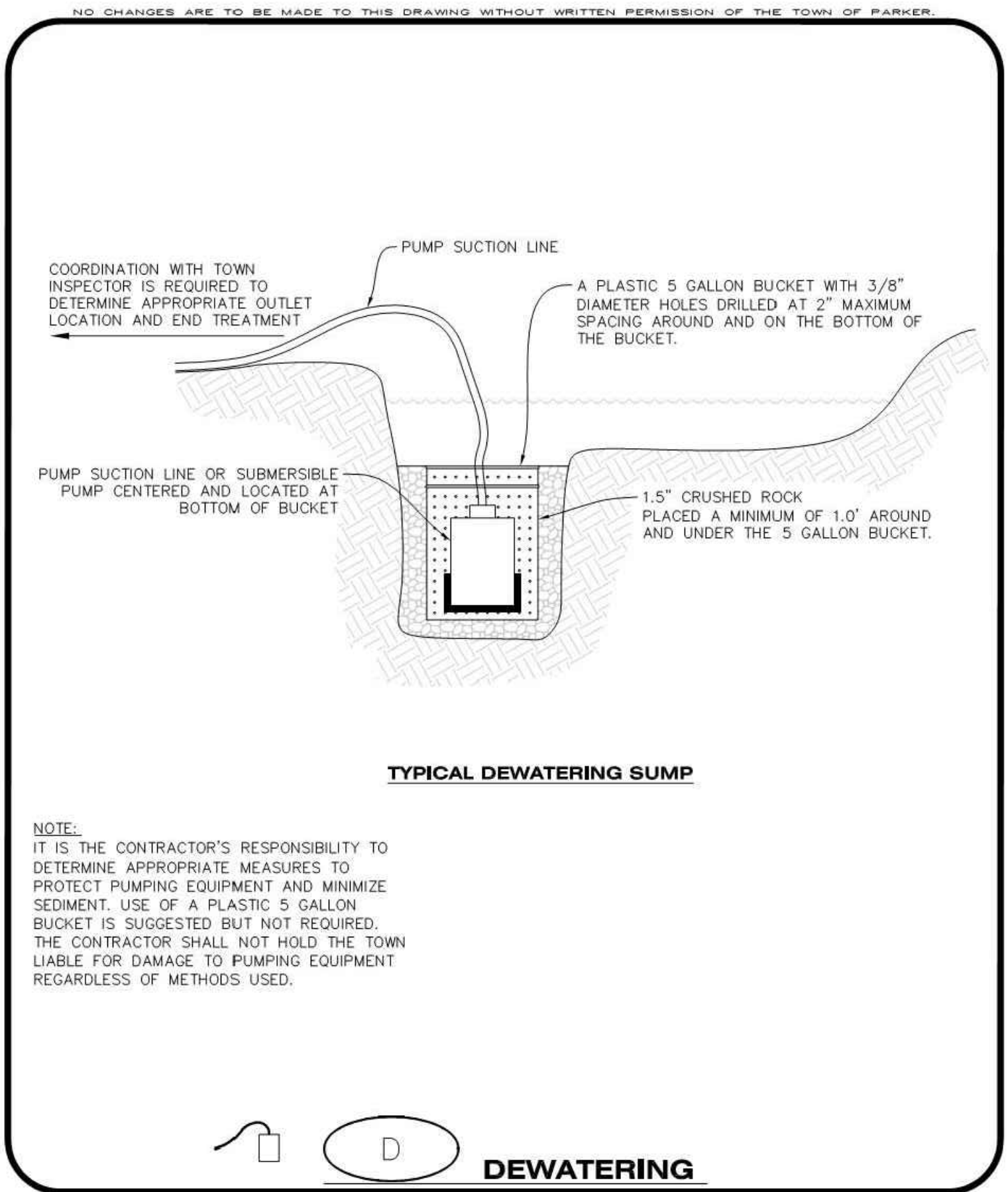
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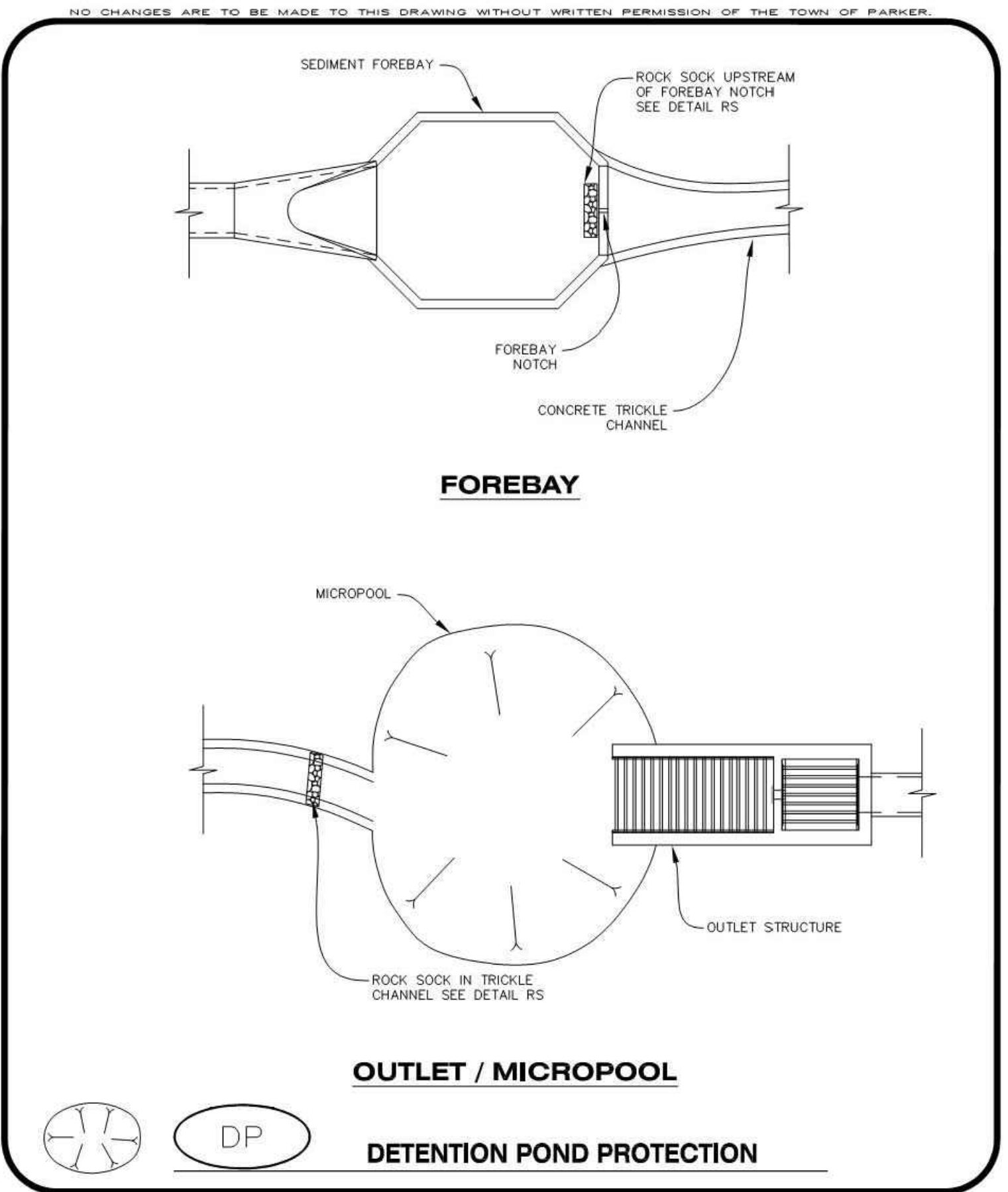
CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES

DD 1 OF 2 Oct. 2013



CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES

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CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES

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DIVERSION DITCH INSTALLATION NOTES

- SEE THE PLAN VIEW FOR THE LOCATION(S) OF THE DIVERSION DITCHES.
- A PLASTIC LINER, RIPRAP, OR EROSION CONTROL BLANKET MAY BE NECESSARY TO PROTECT THE DIVERSION DITCH. THE REQUIRED LINING MATERIAL SHALL BE OBTAINED FROM THE CBMP PLANS VIA THE DESIGN ENGINEER.
- ALL MATERIAL EXCAVATED FROM THE DITCH MAY BE USED TO CONSTRUCT THE BERM ON THE DOWNHILL SIDE OF THE DITCH.
- THE DIVERSION DITCH SHALL BE A MINIMUM OF 20" DEEP WITH APPROX. 3:1 SIDE SLOPES. THE ADJACENT BERM SHALL BE A MINIMUM OF 20" IN HEIGHT WITH APPROX. 3:1 SIDE SLOPES. ALL EMBANKMENTS SHALL BE FIRMLY COMPACTED.
- THE DISCHARGE FROM THE DIVERSION DITCH SHALL BE DIRECTED TOWARDS AN APPROPRIATELY SIZED TEMPORARY SEDIMENT BASIN OR OTHER APPROVED AREA.

DIVERSION DITCH INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE DIVERSION DITCH.
- ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE THE SEDIMENT HAS REACHED A DEPTH EQUAL TO 1/2 (10") THE CREST HEIGHT.
- DIVERSION DITCHES SHALL BE RE-GRADED FOLLOWING THE SIGNS OF MODERATE OR MORE SOIL EROSION OR ANY DAMAGE.
- DIVERSION DITCHES ARE TO REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR. ALTERNATIVELY, THE DIVERSION DITCHES MAY BE REMOVED WHEN THE SITE'S TOPOGRAPHY CHANGES SUCH THAT SIGNIFICANT RUNOFF IS NO LONGER POSSIBLE. IN SOME INSTANCES, THE DIVERSION DITCHES MAY REMAIN IN PLACE PERMANENTLY.

DD **DIVERSION DITCH**

CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES

DD 2 OF 2 Oct. 2013

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DEWATERING INSTALLATION NOTES

- IT IS THE EROSION CONTROL SUPERVISOR'S RESPONSIBILITY TO ENSURE THAT ALL DEWATERING IS PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT (CDPHE).

DEWATERING MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL INSPECT THE DEWATERING OPERATION TO ENSURE THAT THE DISCHARGE WATER IS DRAINING TO THE PROPER LOCATION(S) AND PERFORM ANY NECESSARY REPAIRS OR MAINTENANCE ON A FREQUENT BASIS.

D **DEWATERING**

CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES

D 2 OF 2 Oct. 2013

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DETENTION POND PROTECTION INSTALLATION NOTES

- DETENTION POND PROTECTION SHALL BE INSTALLED IMMEDIATELY FOLLOWING THE CONSTRUCTION OF THE TRICKLE CHANNEL AND FOREBAY.
- CRUSHED ROCK SHALL BE 2.0"-3.0" IN SIZE WITH A FRACTURED FACE (ALL SIDES).
- ROCK SOCK FOR OUTLET STRUCTURE AND FOREBAY PROTECTION SHALL BE ONE CONTINUOUS PIECE (SEE DETAIL RS).

DETENTION POND PROTECTION INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE OUTLET STRUCTURE PROTECTION.
- ACCUMULATED SEDIMENT SHALL BE REMOVED IMMEDIATELY.
- OUTLET STRUCTURE PROTECTION SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.

DP **DETENTION POND PROTECTION**

CBMP CONSTRUCTION BEST MANAGEMENT PRACTICES

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CLIENT NAME: **PARKER ADVENTIST HOSPITAL**

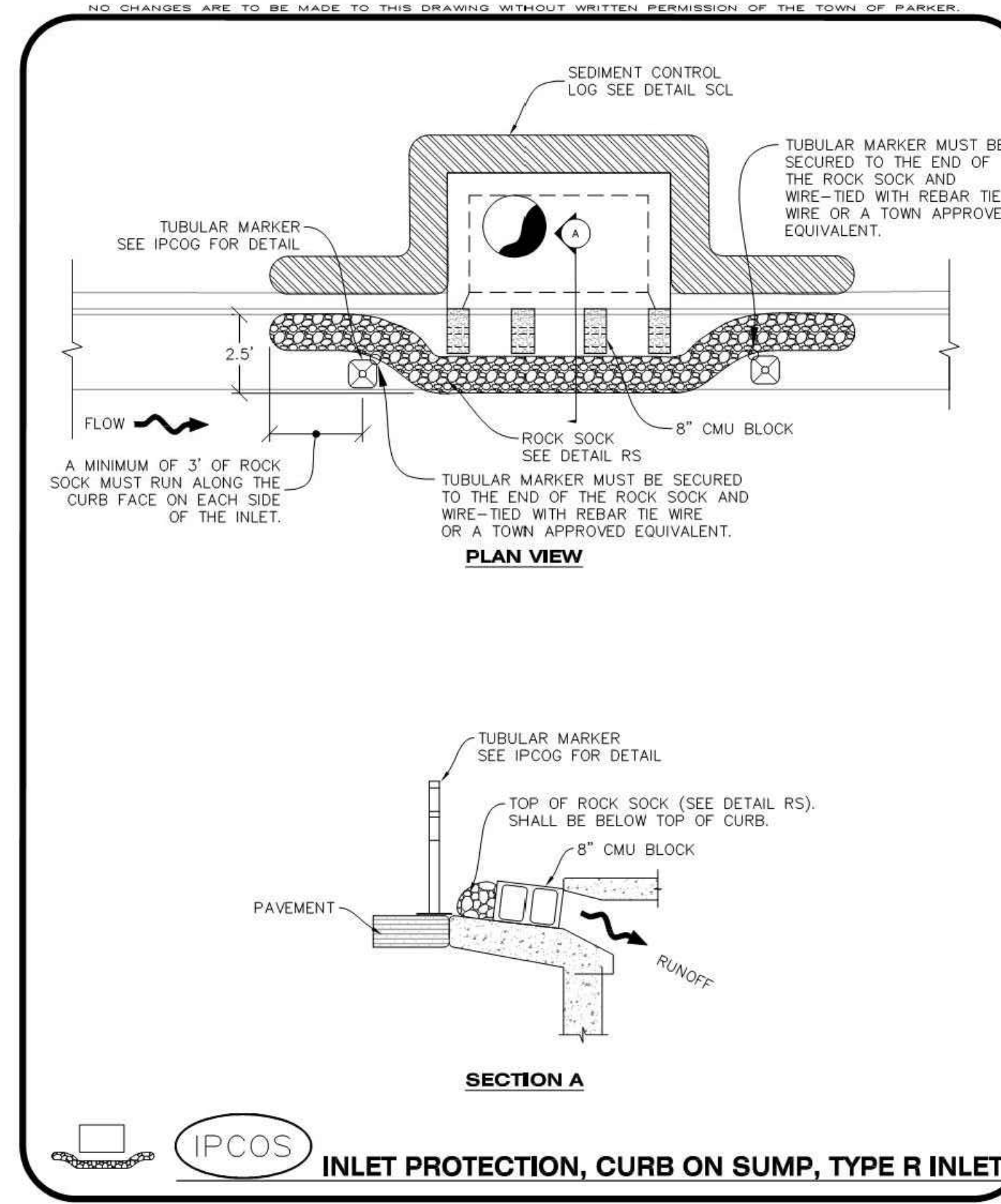
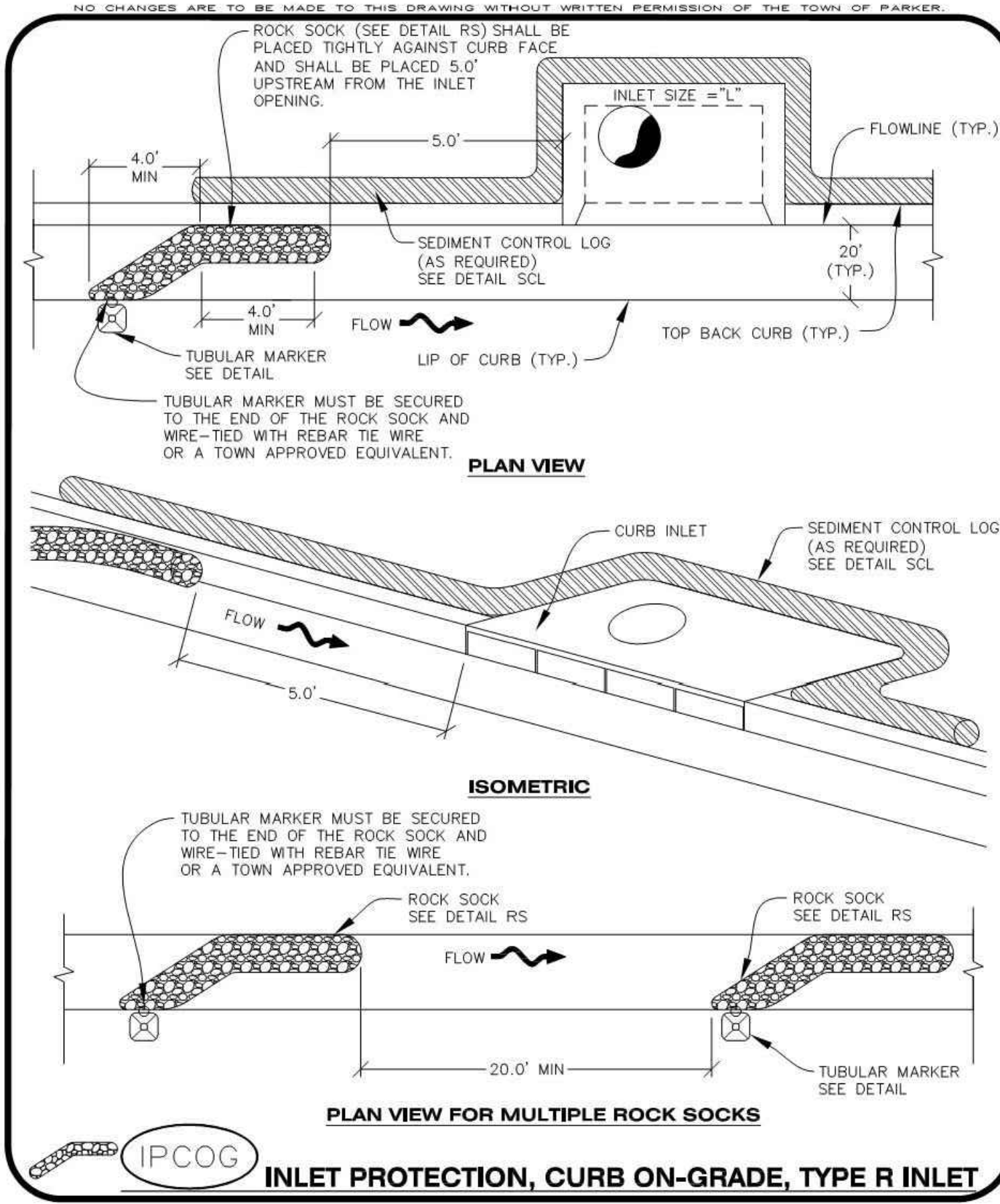
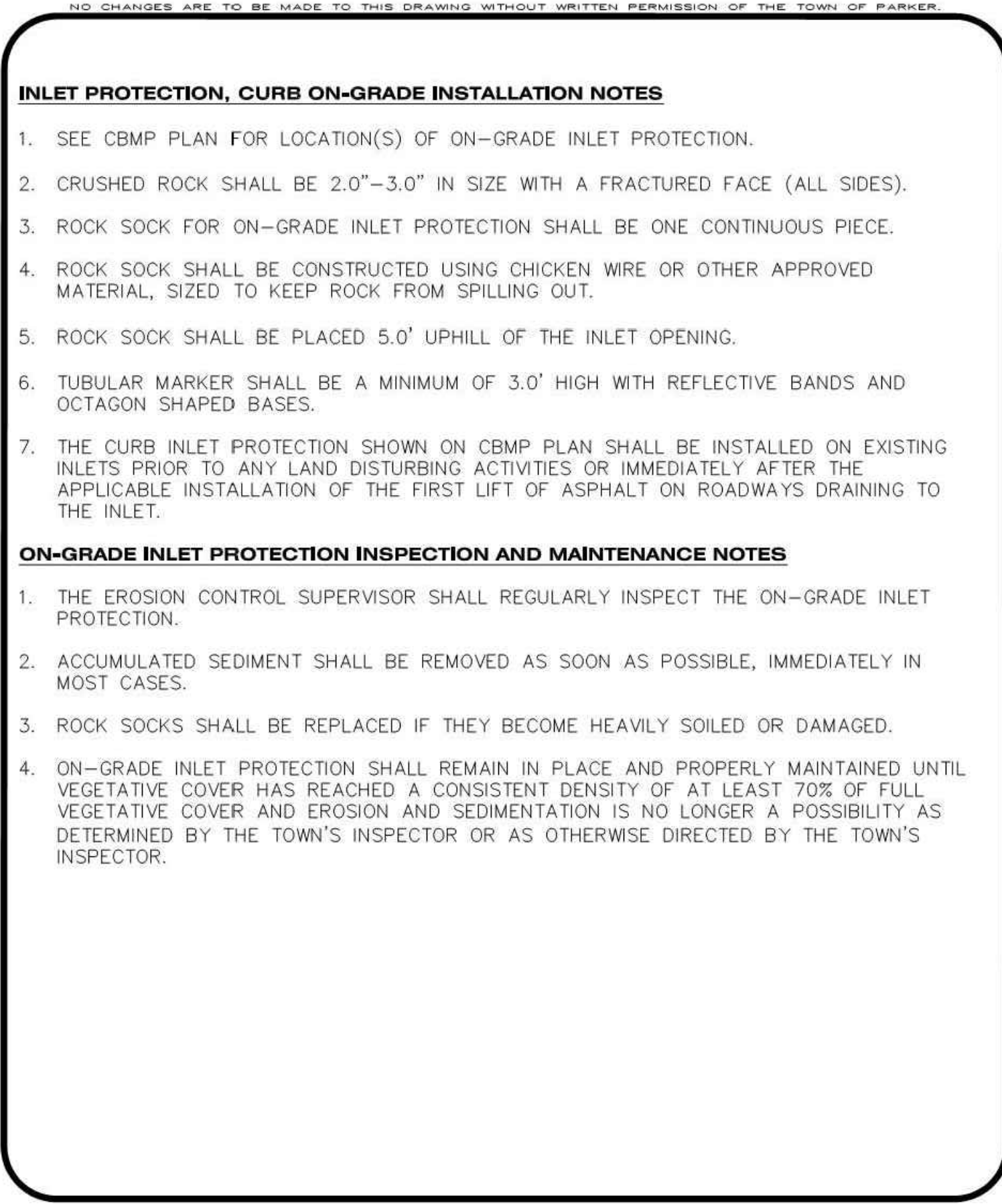
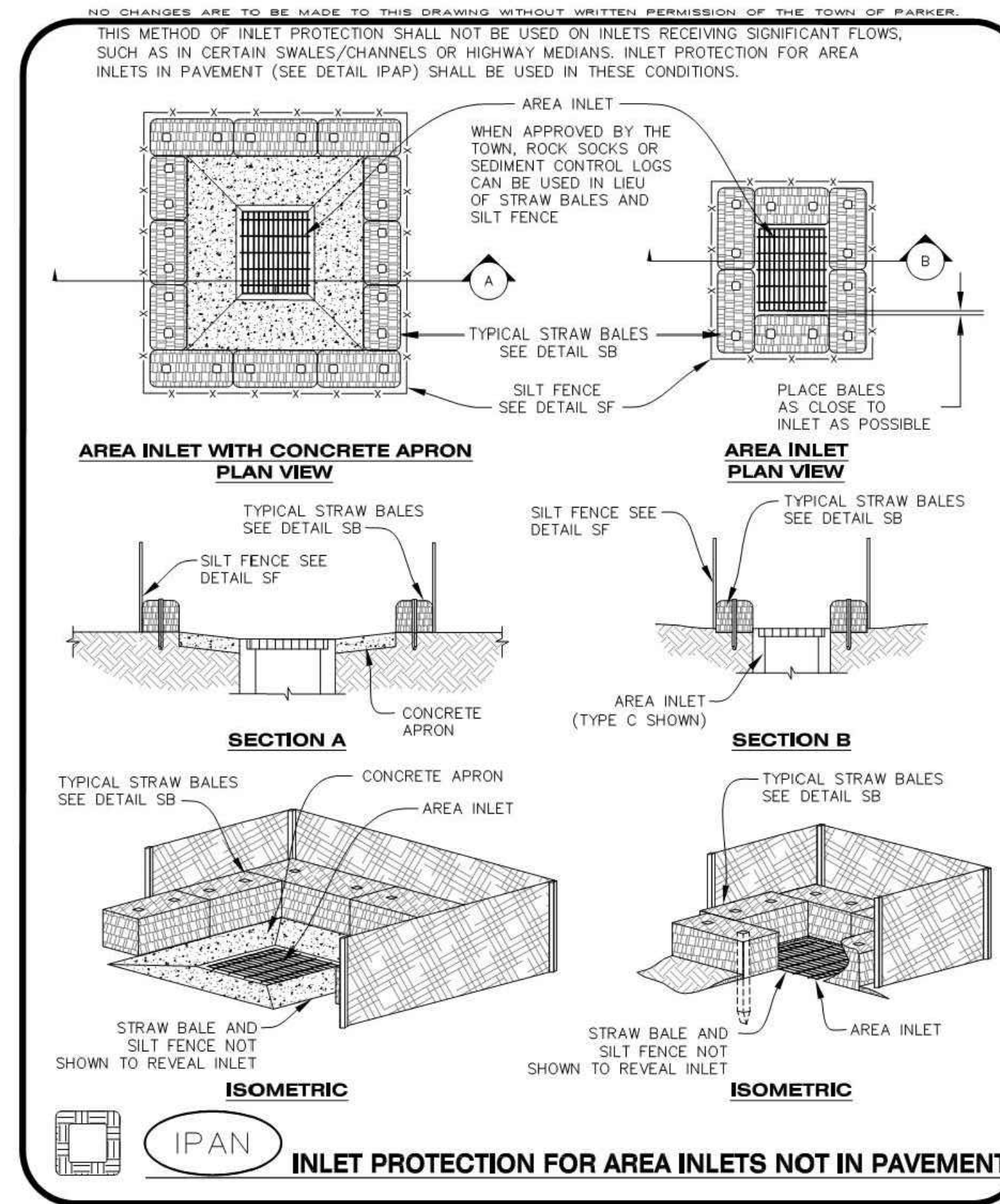
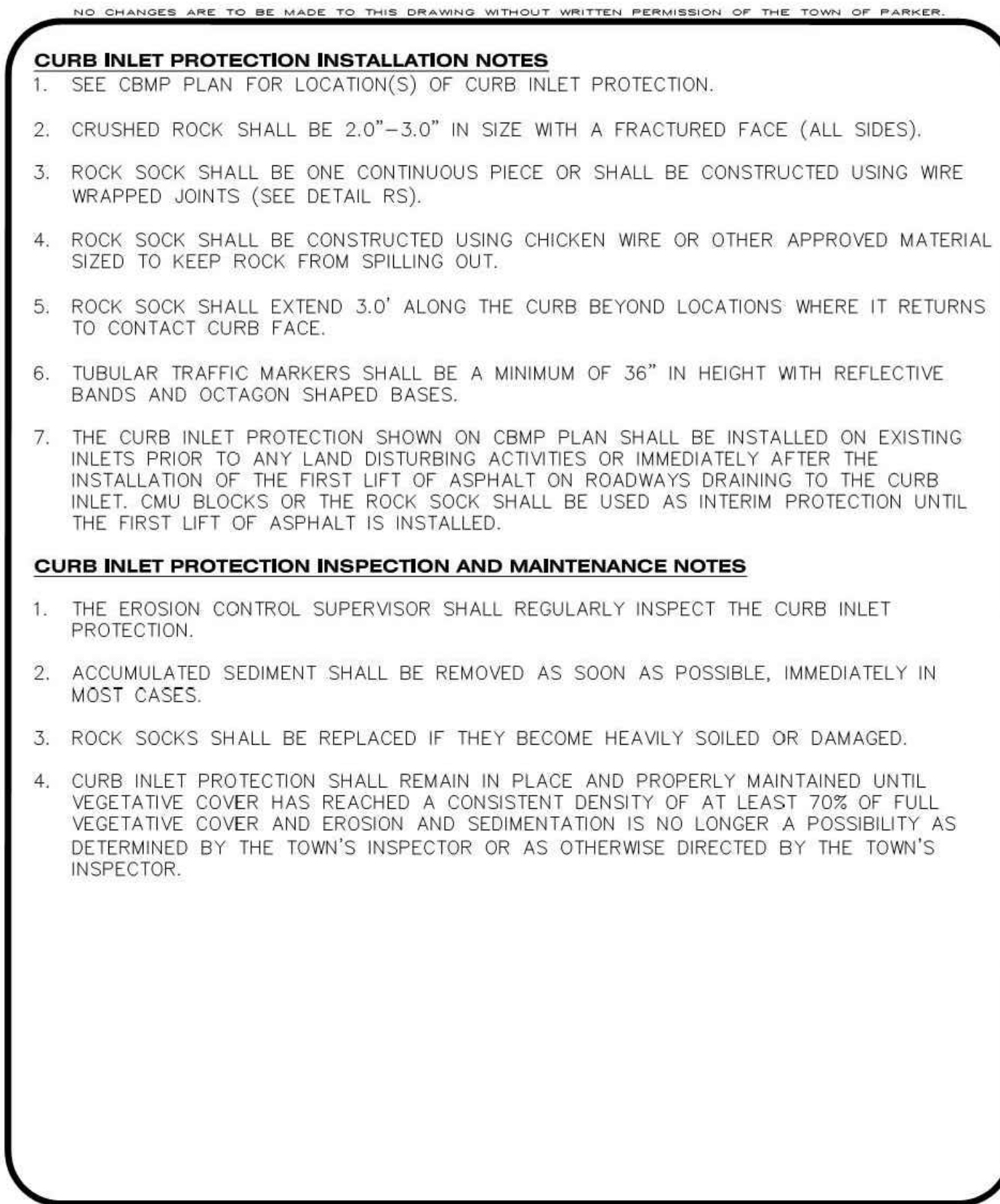
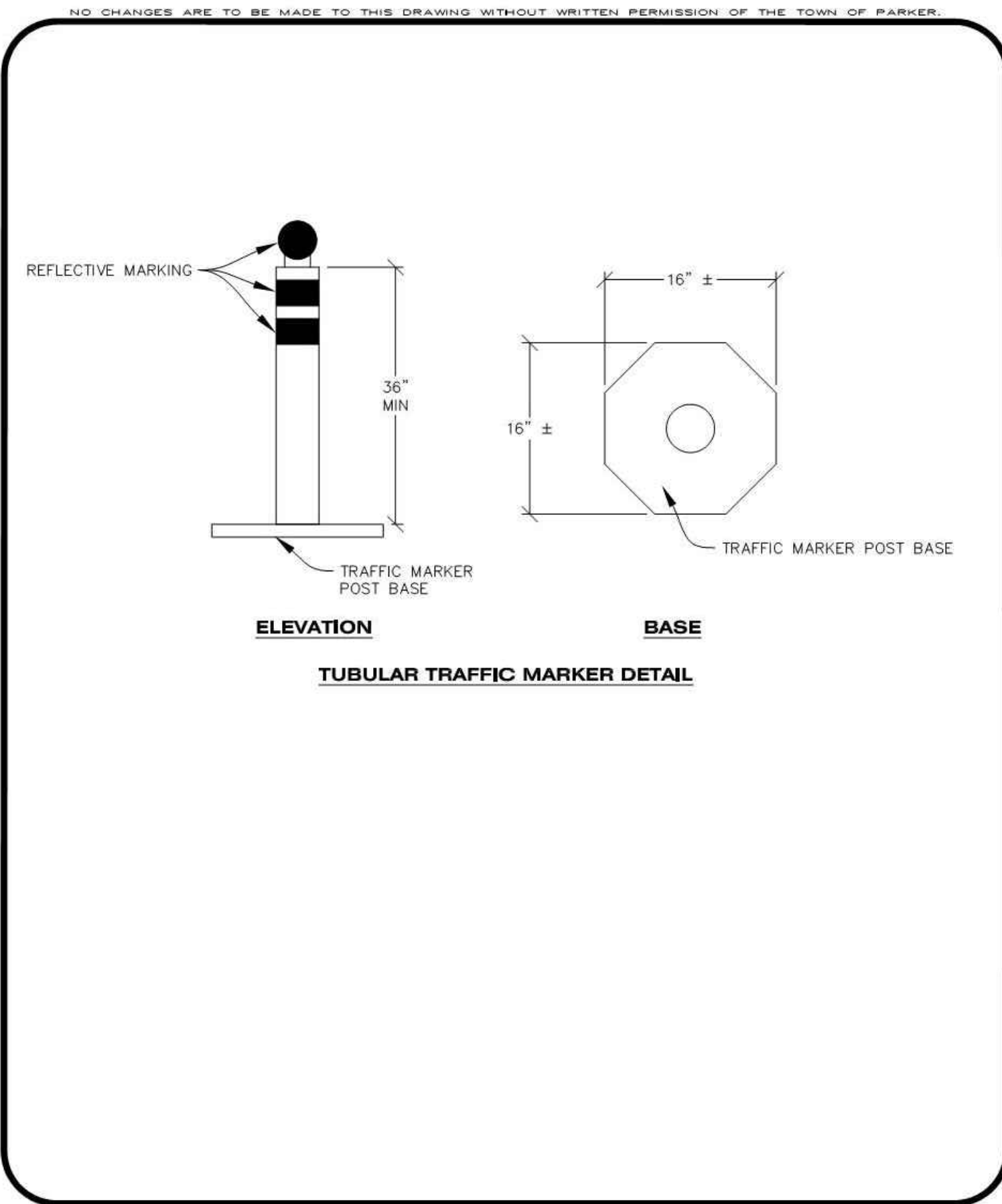
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DRAWING TITLE: **EROSION CONTROL DETAILS**

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PARKER ADVENTIST HOSPITAL

PARKER MOB III

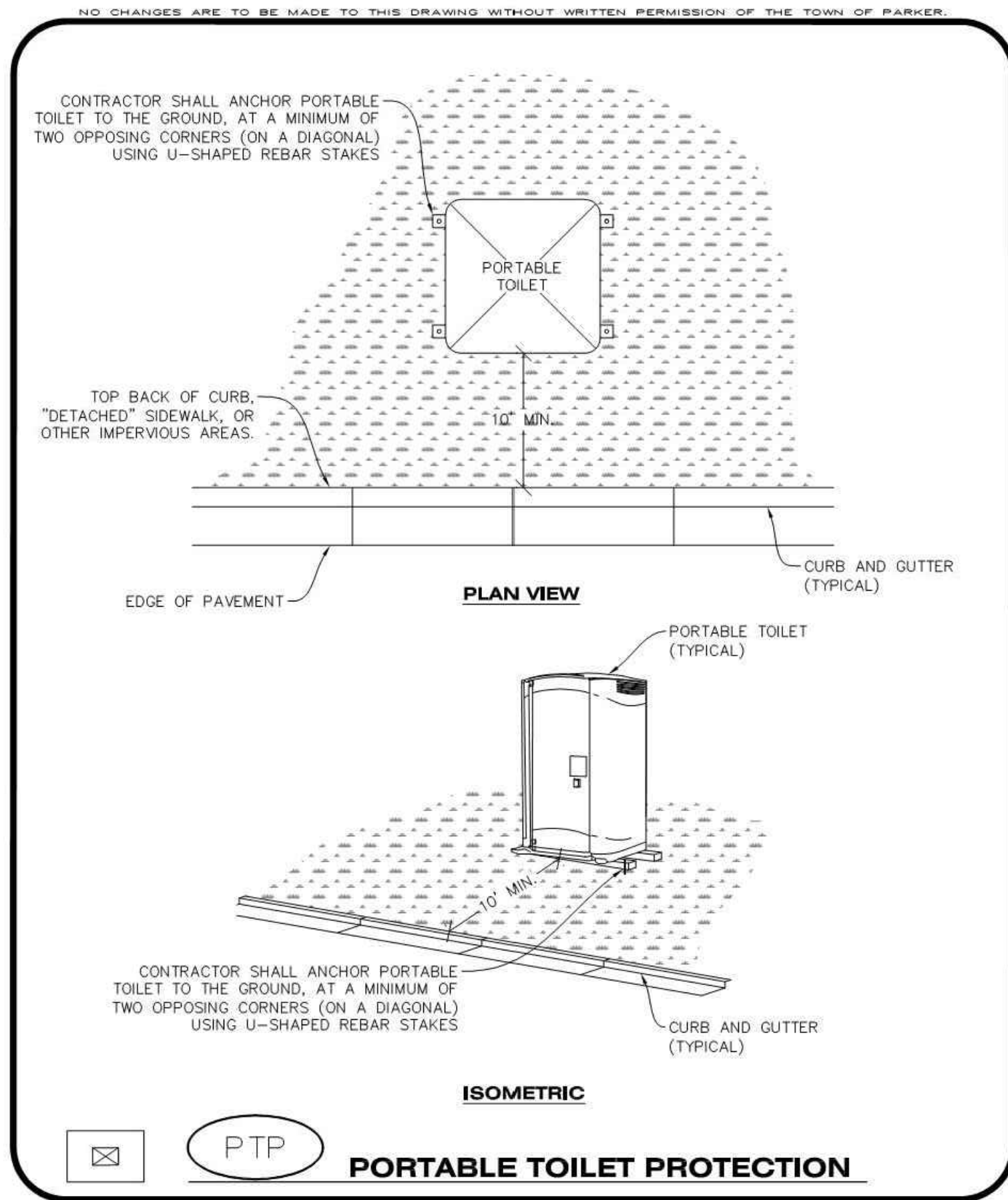
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EROSION CONTROL DETAILS

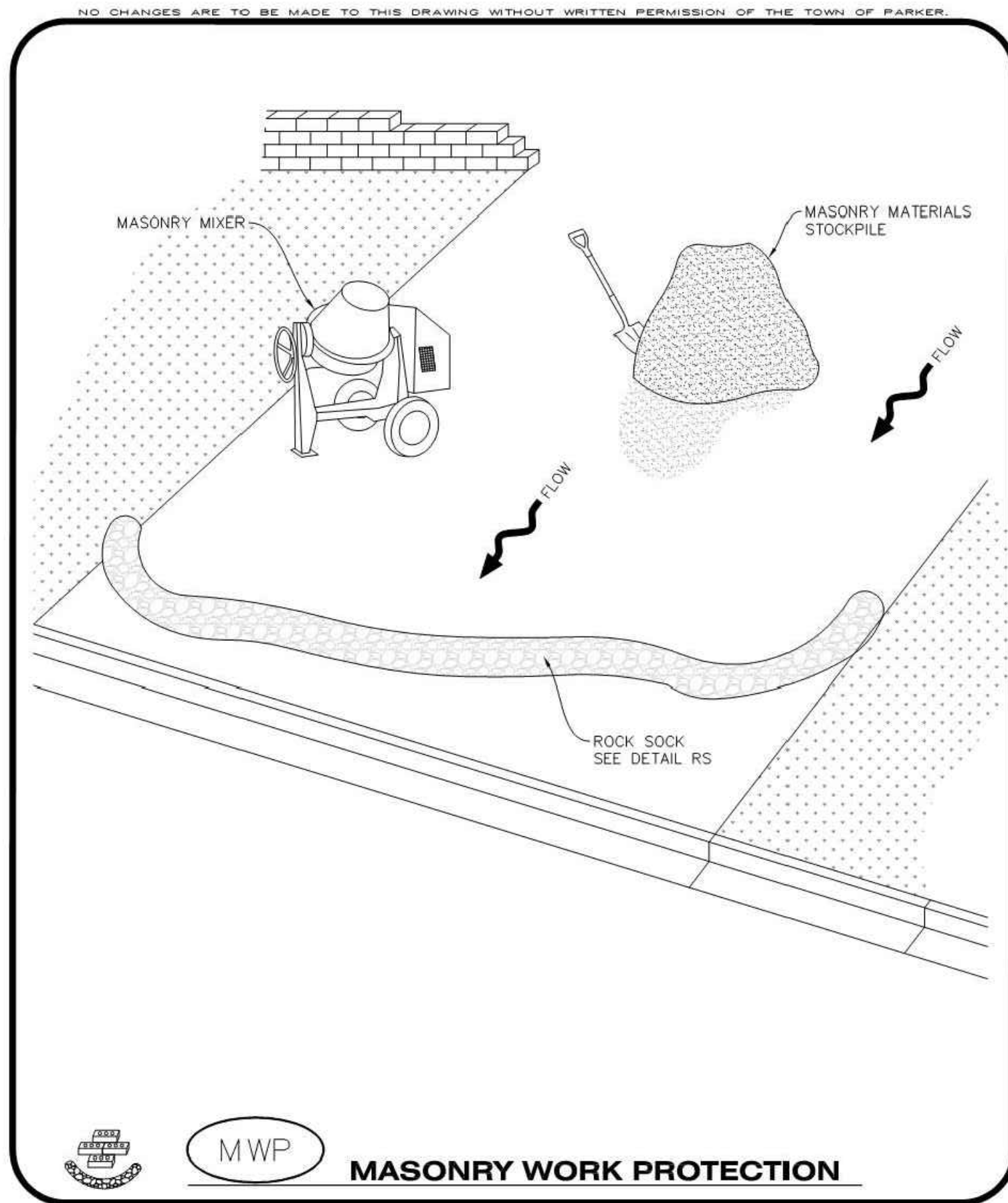
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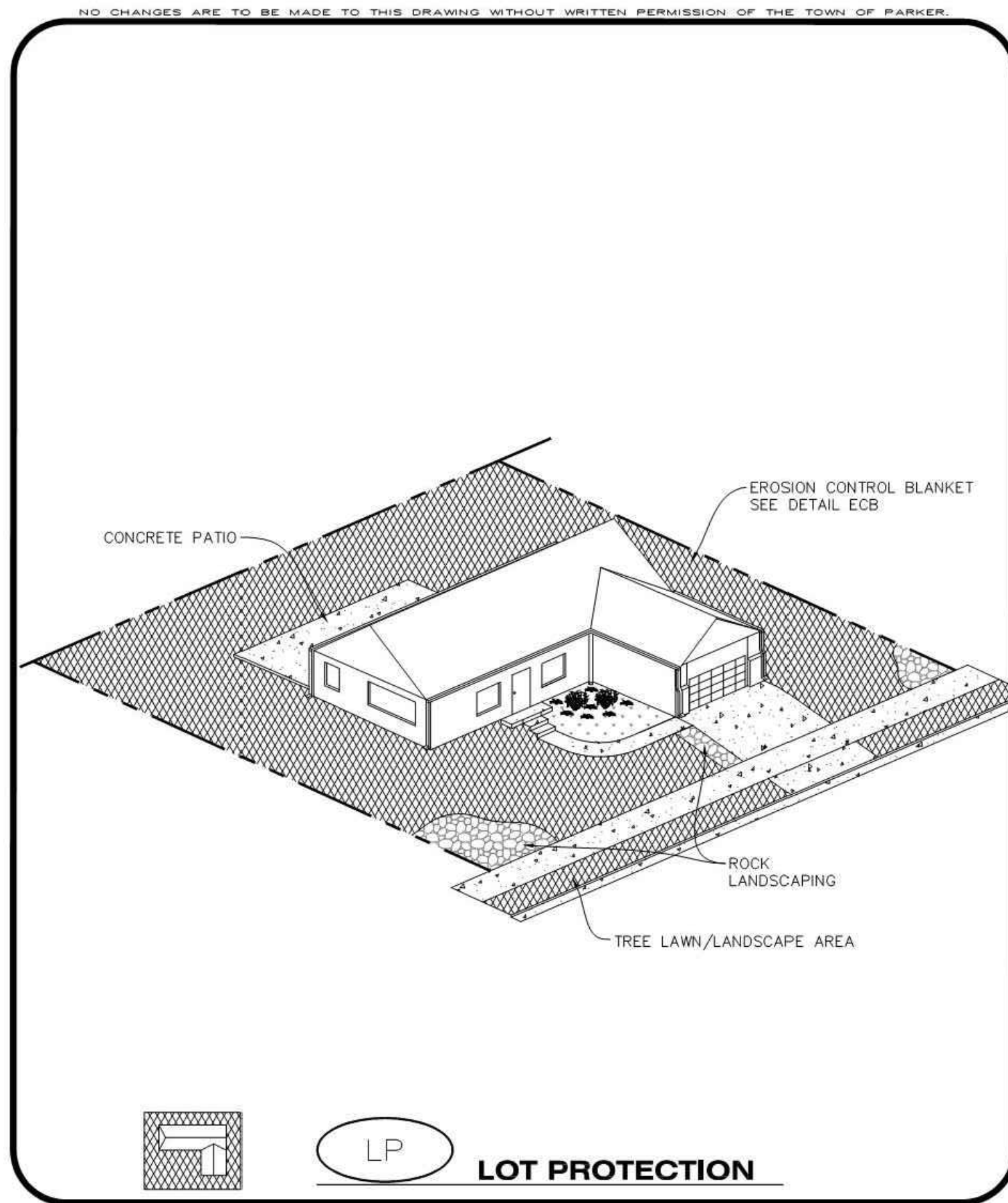
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 CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 2
 Oct. 2013



CBMP | **MWP**
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CBMP | **LP**
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PORTABLE TOILET PROTECTION INSTALLATION NOTES

- PORTABLE TOILETS SHALL BE PLACED A MINIMUM OF 10.0' BEHIND ALL CURBS, SIDEWALKS, AND OTHER IMPERVIOUS AREAS.
- ALL PORTABLE TOILETS MUST BE GROUPED TOGETHER.
- PORTABLE TOILETS SHALL BE SECURELY ANCHORED TO THE GROUND USING U-SHAPED REBAR STAKES.
- U-SHAPED REBAR STAKES SHALL BE POSITIONED ON AT LEAST 2 OPPOSING (DIGITAL) CORNERS.

PORTABLE TOILET PROTECTION INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE PORTABLE TOILET PROTECTION.
- PORTABLE TOILETS SHALL BE SERVICED AT THE NECESSARY INTERVALS TO ELIMINATE THE POSSIBILITY OF OVERFLOW.
- WHEN THE PORTABLE TOILETS ARE REMOVED, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE TOILETS MAY NEED TO BE LANDSCAPED OR ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).
- PORTABLE TOILETS THAT ARE NOT CONSISTENTLY MAINTAINED IN ACCORDANCE WITH THESE REQUIREMENTS MAY NEED TO BE CLUSTERED TOGETHER, IN ONE CENTRALIZED LOCATION IN ORDER TO INCREASE COMPLIANCE AND REDUCE THE CHANCE OF A SPILL.

CBMP | **PTP**
 CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 2
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MASONRY WORK PROTECTION INSTALLATION NOTES

- MASONRY WORK PROTECTION MAY NEED TO BE INSTALLED WHEN MASONRY WORK AND MIXING IS OCCURRING.
- A ROCK SOCK SHALL BE INSTALLED IN A CRESCENT SHAPE ON THE DOWNHILL SIDE OF THE MASONRY WORK AND MIXER.
- CRUSHED ROCK SHALL BE 2.0"-3.0" IN SIZE WITH A FRACTURED FACE (ALL SIDES).
- ROCK SOCK SHALL BE ONE CONTINUOUS PIECE OR SHALL BE CONSTRUCTED USING WIRE WRAPPED JOINTS (SEE DETAIL RS).
- ROCK SOCK SHALL BE CONSTRUCTED USING CHICKEN WIRE OR OTHER APPROVED MATERIAL, SIZED TO KEEP ROCK FROM SPILLING OUT.

MASONRY WORK PROTECTION INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE MASONRY WORK PROTECTION.
- ALL CONCRETE WASTE SHALL BE REGULARLY CLEANED AND PLACED IN THE CONCRETE WASH OUT AREA.
- ROCK SOCKS SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED OR DAMAGED.

CBMP | **MWP**
 CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 2
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EROSION CONTROL BLANKET FOR LOT PROTECTION INSTALLATION NOTES

MANUFACTURER	PRODUCT NAME
NORTH AMERICAN GREEN	S150 BN
APPROVED EQUAL	APPROVED EQUAL

- ALL EROSION CONTROL BLANKETS FOR LOT PROTECTION INSTALLED IN THE TOWN SHALL MEET THE FOLLOWING MINIMUM REQUIREMENTS:
 - THE TOWN WILL ALLOW THE USE OF BIODEGRADABLE, EROSION CONTROL BLANKET-SPECIFIC STAPLES, IN LIEU OF TRADITIONAL METAL STAPLES.
 - ALL EROSION CONTROL BLANKET EDGES (SIDES AND ENDS) MUST OVERLAP THE ADJACENT BLANKET BY A MINIMUM OF 6-INCHES WITH THE UP-GRADIENT EDGES BEING PLACED ON TOP OF THE DOWN-GRADIENT EDGE OF THE ADJACENT BLANKET.
 - THE EDGES (SIDES AND ENDS) OF THE EROSION CONTROL BLANKETS DO NOT NEED TO BE TRENCHED INTO THE GROUND ASSUMING THE SITE CONDITIONS WILL NOT CAUSE EROSION BENEATH THE BLANKETS. THESE ASSUMPTIONS WILL BE THE RESPONSIBILITY OF THE EROSION CONTROL SUPERVISOR. ON OCCASION, THE TOWN'S INSPECTOR MAY REQUEST TRENCHING BASED UPON SITE CONDITIONS.
 - TOPSOIL PLACEMENT, SEEDING, AND MULCHING WILL NOT BE REQUIRED ON THE LOTS PRIOR TO THE INSTALLATION OF THE EROSION CONTROL BLANKET.
- ANY DAMAGED OR EXCESS STAPLES SHALL BE REMOVED FROM THE SITE FOLLOWING INSTALLATION.
- THE EROSION CONTROL BLANKETING REQUIRED AS PART OF THE LOT PROTECTION (LP) REQUIREMENT MUST BE INSTALLED OVER ALL UN-LANDSCAPED AREAS WITHIN EACH RESIDENTIAL, MULTI-FAMILY, AND COMMERCIAL LOT PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY / TEMPORARY CERTIFICATE OF OCCUPANCY.

EROSION CONTROL BLANKET FOR LOT PROTECTION MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE EROSION CONTROL BLANKET FOR LOT PROTECTION.
- EROSION CONTROL BLANKETS FOR LOT PROTECTION ARE INTENDED TO REMAIN IN PLACE AND MAINTAINED UNTIL LANDSCAPING IS INSTALLED.

CBMP | **LP**
 CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 2
 Oct. 2013

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PARKER ADVENTIST HOSPITAL
PARKER MOB III
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NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

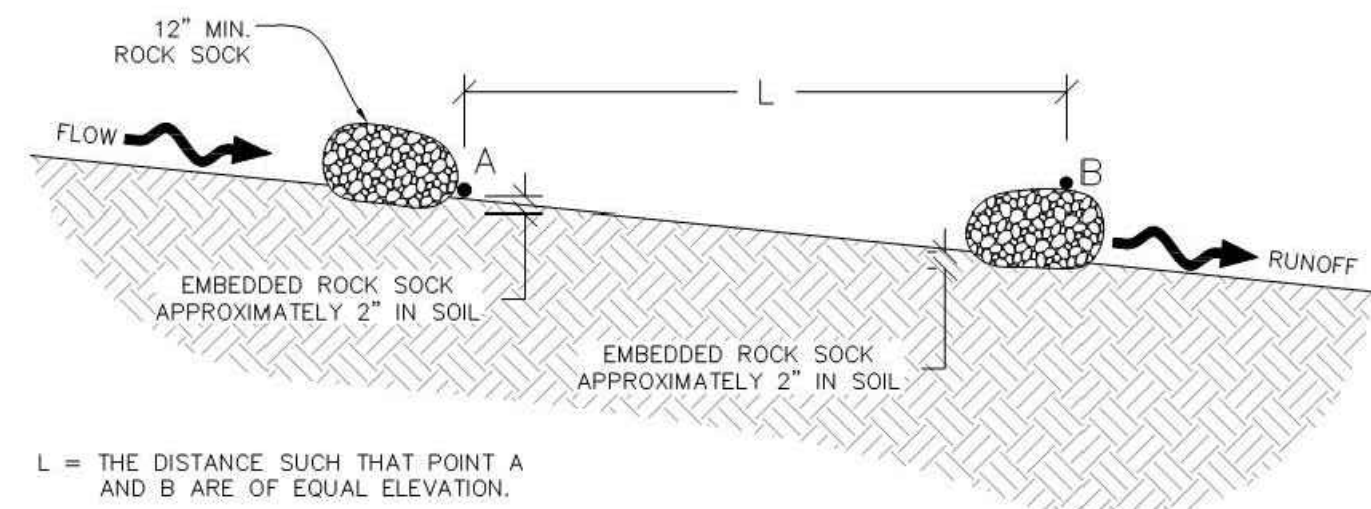
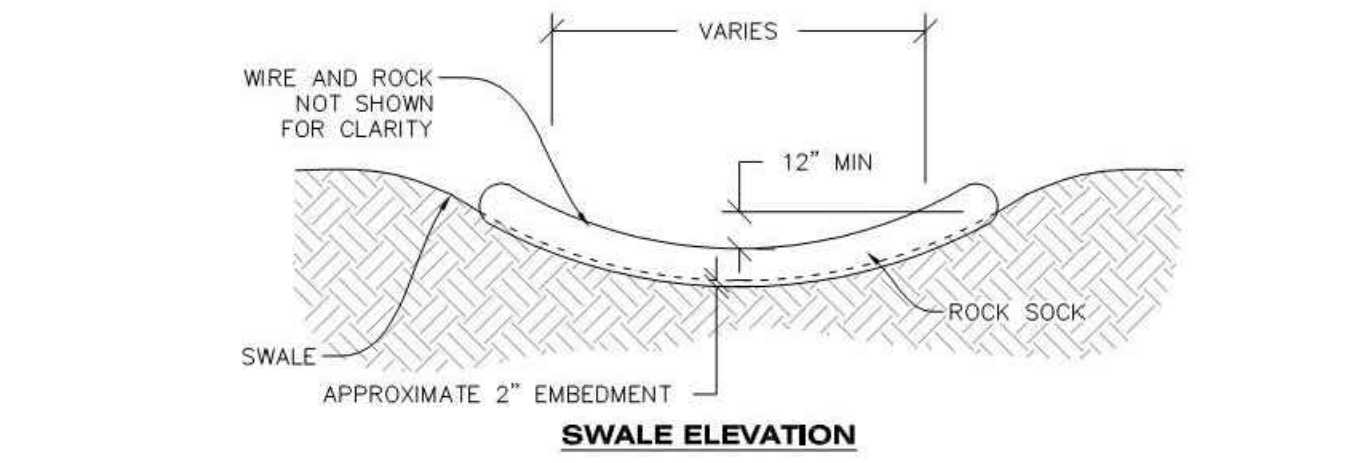
ROUGH CUT STREET CONTROL INSTALLATION NOTES

1. SEE CBMP PLAN FOR LOCATION(S) OF ROUGH CUT STREET CONTROL.
2. THE SPACING OF THE ROUGH CUT STREET CONTROL MAY BE DETERMINED BY THE DESIGN ENGINEER AND SHOWN ON THE CBMP PLAN.

ROUGH CUT STREET CONTROL INSPECTION AND MAINTENANCE NOTES

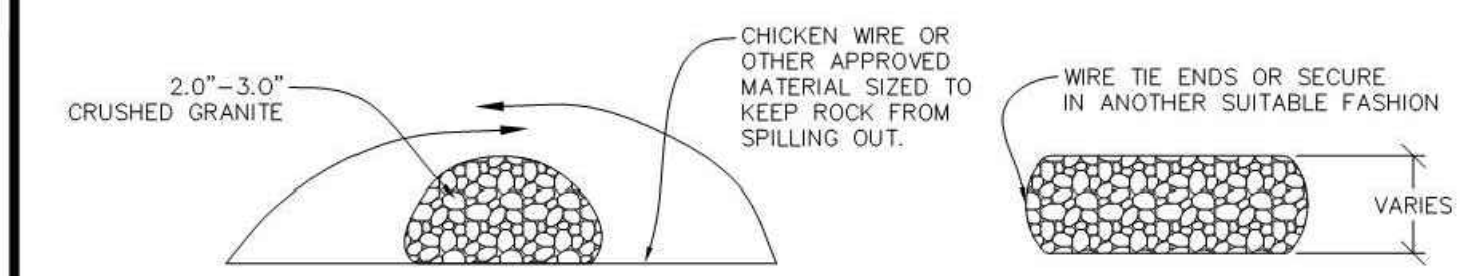
1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE ROUGH CUT STREET CONTROL.
2. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT DEPTH IS 1/2 THE HEIGHT OF THE ROCK SOCK.
3. ROUGH CUT STREET CONTROL SHALL BE REPAIRED IMMEDIATELY FOLLOWING ANY SIGN OF WEAR OR ALTERATION OF THE ORIGINAL SHAPE AND DIMENSIONS.
4. ROUGH CUT STREET CONTROL SHALL BE KEPT IN PLACE AND MAINTAINED UNTIL SUB-GRADE PREPARATION BEGINS FOR PAVING. AT THAT POINT, THE RCSC SHOULD BE REMOVED IN INCREMENTS BASED ON SUBGRADE PREPARATION.

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

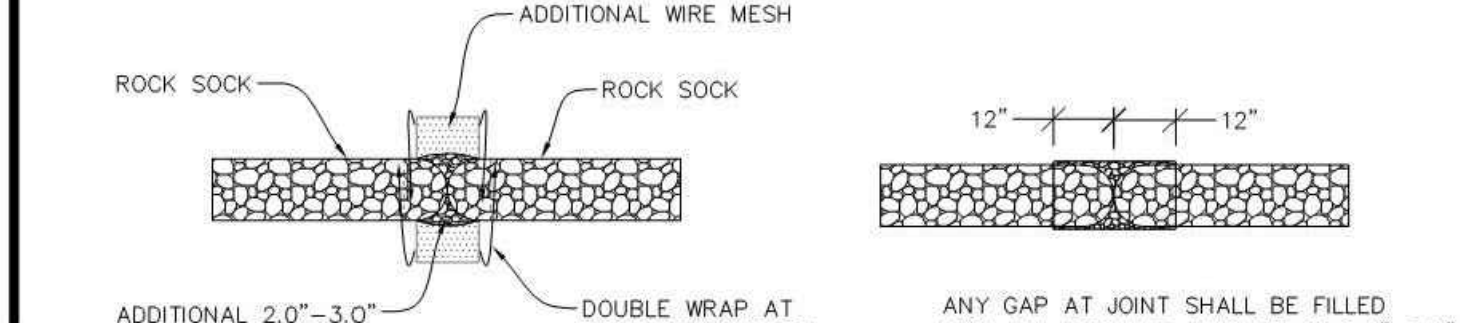


RSS ROCK SOCK IN SWALE

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CROSS SECTION



JOINT PLAN VIEW



JOINT ELEVATION

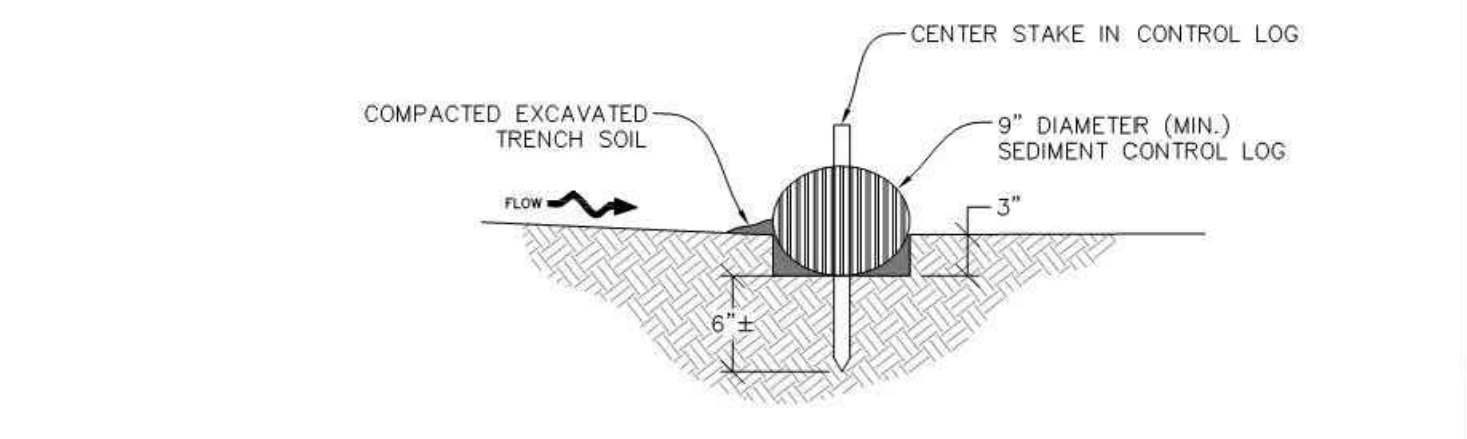
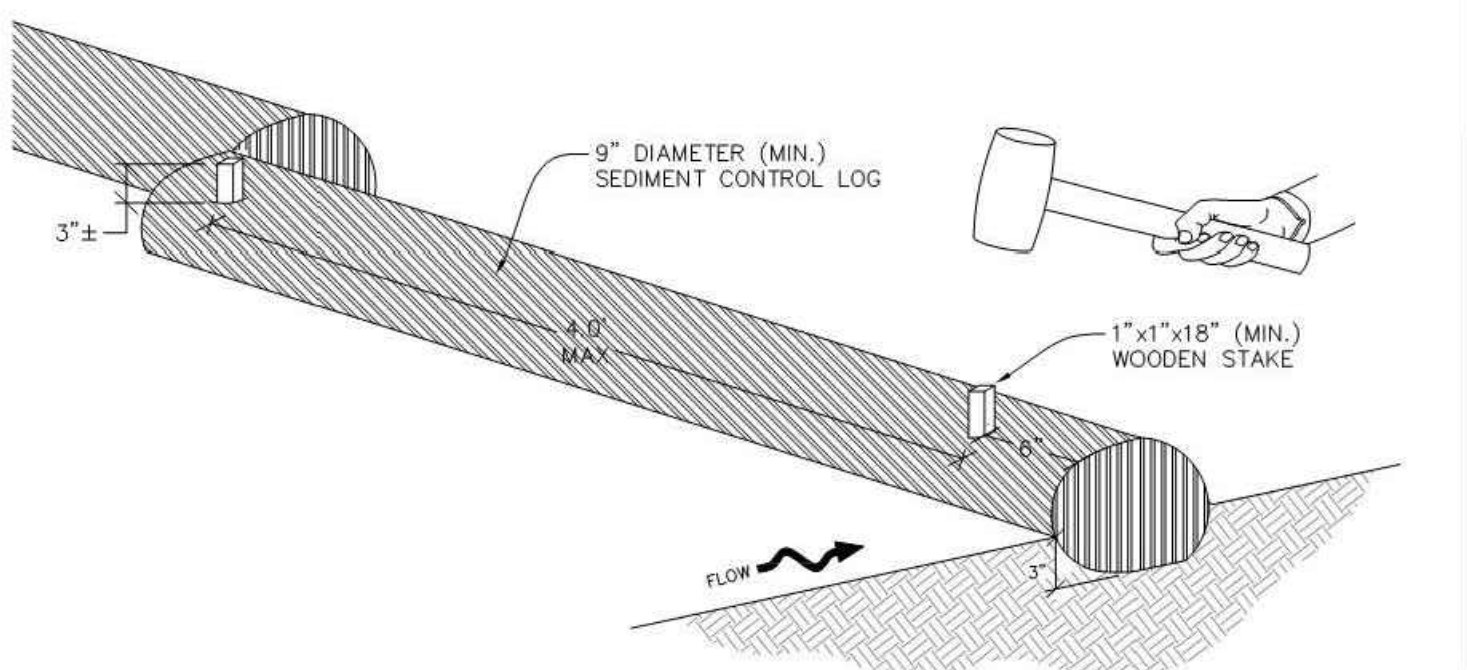
RS ROCK SOCK

Parker COLORADO | **CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES | **RCSC** 2 OF 2 Oct. 2013

Parker COLORADO | **CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES | **RSS** 1 OF 1 Oct. 2013

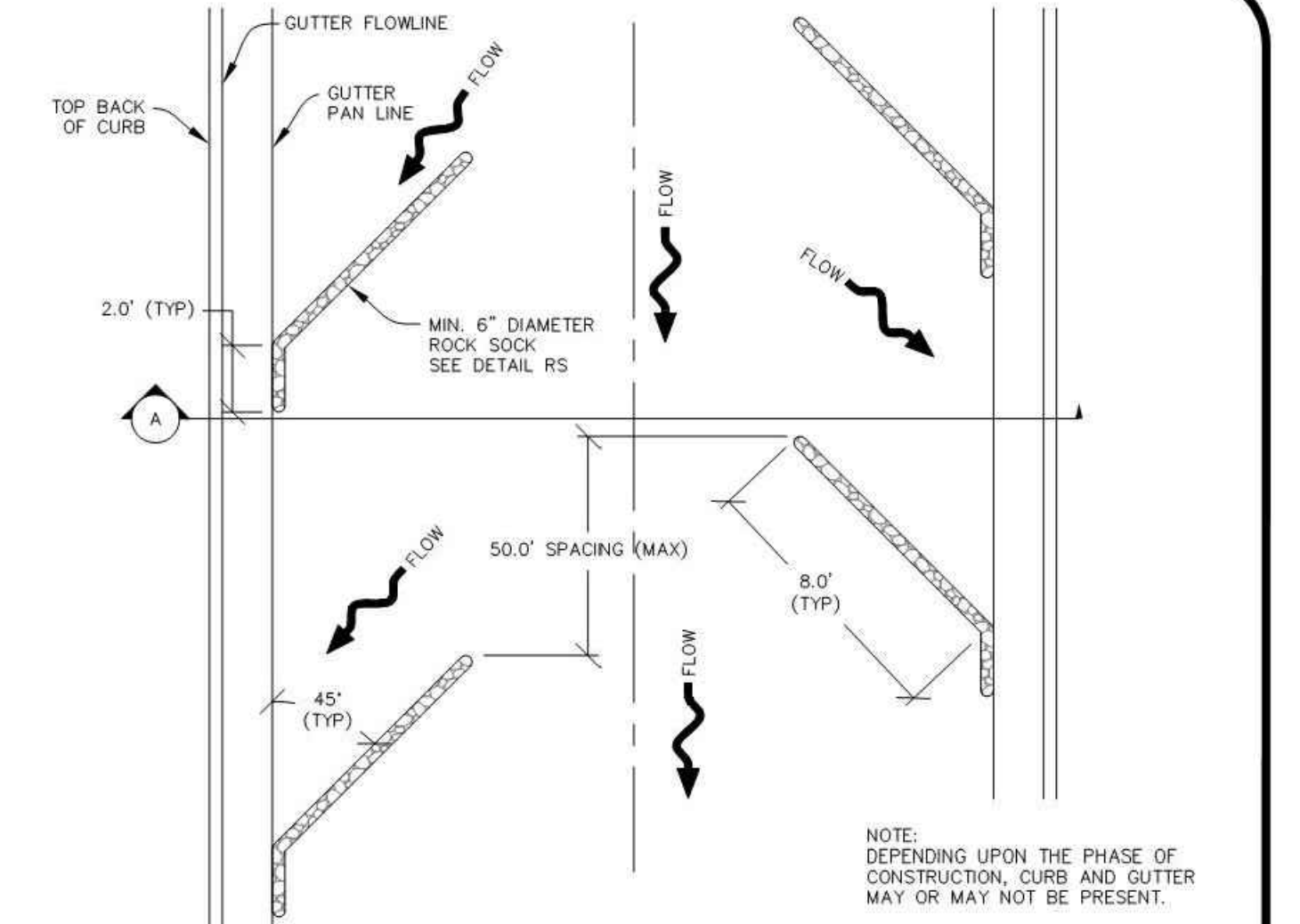
Parker COLORADO | **CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES | **RS** 1 OF 2 Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.



SCL SEDIMENT CONTROL LOG

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.



RCSC ROUGH CUT STREET CONTROL

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

ROCK SOCK INSTALLATION NOTES

1. SEE CBMP PLAN FOR LOCATION(S) OF ROCK SOCK.
2. CRUSHED ROCK SHALL BE APPROXIMATELY 2.0"-3.0" GRANITE IN SIZE WITH A FRACTURED FACE (ALL SIDES).
3. ROCK SOCK SHALL BE APPROXIMATELY ONE CONTINUOUS PIECE OR SHALL BE CONSTRUCTED USING WIRE WRAPPED JOINTS (SEE DETAIL RS).
4. ROCK SOCK SHALL BE CONSTRUCTED USING CHICKEN WIRE OR OTHER APPROVED MATERIAL SIZED TO KEEP ROCK FROM SPILLING OUT.
5. MINIMUM ROCK SOCK DIAMETER SHALL VARY BASED ON APPLICATION (7" MIN).
6. TUBULAR MARKERS MAY NEED TO BE USED IN CONJUNCTION WITH ROCK SOCKS ANYTIME THE ROCK SOCK IS PLACED ON A ROADWAY, SIDEWALK, PARKING LOT OR OTHER LOCATION SUSCEPTIBLE TO VEHICLE OR PEDESTRIAN TRAFFIC. TUBULAR MARKERS SHALL CONFORM TO THE TUBULAR MARKER DETAIL.

ROCK SOCK INSPECTION AND MAINTENANCE NOTES

1. THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE ROCK SOCKS.
2. ROCK SOCKS SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED OR DAMAGED.
3. ROCK SOCKS SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.

Parker COLORADO | **CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES | **RS** 2 OF 2 Oct. 2013

Parker COLORADO | **CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES | **SCL** 1 OF 3 Oct. 2013

Parker COLORADO | **CBMP** CONSTRUCTION BEST MANAGEMENT PRACTICES | **RCSC** 1 OF 2 Oct. 2013

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CLIENT NAME: **PARKER ADVENTIST HOSPITAL**
PROJECT NAME: **PARKER MOB III**
DRAWING TITLE: **9403 CROWN CREST BLVD. EROSION CONTROL DETAILS**
FILE PATH: J:\Jobs\18057 Parker MOB III\05 CAD\Plans and Details\C351-EROS-DTL.S.dwg C-358 - 8/7/2018

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DRAWN BY:	DAT
CHECKED BY:	MHV
DATE:	07/30/2018
MIRO JOB NUMBER	18057
CLIENT JOB NUMBER	
DRAWING NUMBER:	

C-358

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

TOWN OF PARKER, SEED MIX 1

- 20% CANADA WILDRYE
- 15% CRESTED WHEATGRASS
- 15% SLENDER WHEATGRASS
- 10% ANNUAL RYEGRASS
- 10% SHEEP FESCUE
- 10% BIG BLUESTEM
- 10% SIDOATS GRAMA
- 5% CANADA BLUEGRASS
- 5% BLUE GRAMA

SEEDING RATE:
 DRILLED: 25 LBS/ACRE
 BROADCAST: 50 LBS/ACRE

TOWN OF PARKER, SEED MIX 2

- 22% SLENDER WHEATGRASS
- 18% SODAR STREAMBANK WHEATGRASS
- 13% ARIZONA FESCUE
- 13% BLUE GRAMA
- 12% BUFFALOGRASS
- 12% BARLEY OR OATS
- 5% SPIKE MUHLY
- 5% INDIAN RICEGRASS

SEEDING RATE:
 DRILLED: 25 LBS/ACRE
 BROADCAST: 50 LBS/ACRE

TOWN OF PARKER, SEED MIX 3 (LOW-GROWTH MIX)

- 25% EPHRAIM CRESTED WHEATGRASS
- 23% SHEEP FESCUE
- 18% PERENNIAL RYEGRASS
- 13% CANADA BLUEGRASS
- 12% BARLEY OR OATS
- 9% BLUE FESCUE

SEEDING RATE:
 DRILLED: 25 LBS/ACRE
 BROADCAST: 50 LBS/ACRE

SEED MIX 4:
 OTHER SEED MIXES APPROVED BY THE TOWN OF PARKER

Parker COLORADO | **CBMP** | **SMC**
 CONSTRUCTION BEST MANAGEMENT PRACTICES | 3 OF 3
 Oct. 2013

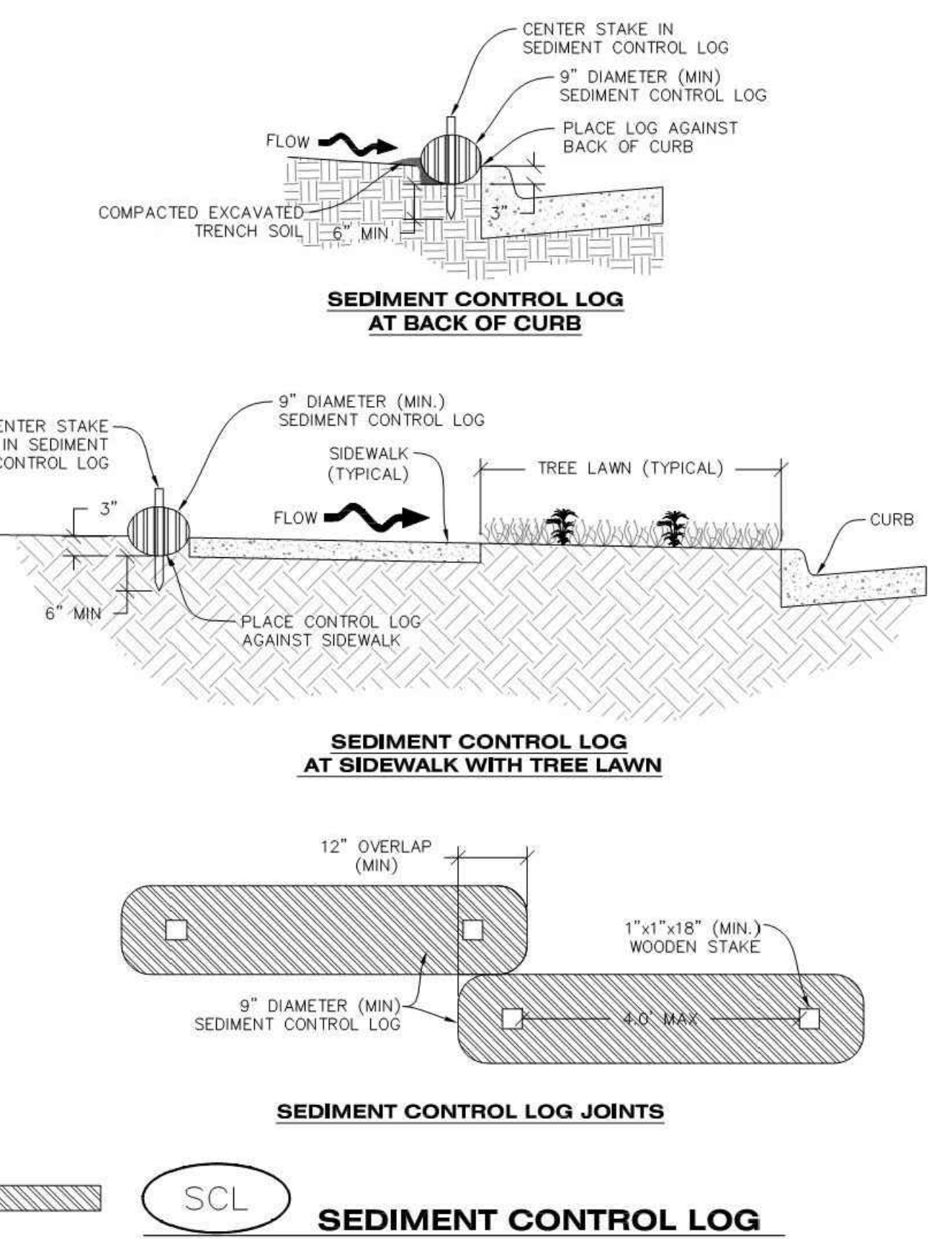
NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

SEEDING AND MULCHING SHALL BE PERFORMED ACCORDING TO THE ACCOMPANYING DETAIL(S) AND TEXT. NO EXCEPTIONS SHALL BE MADE

- SEE PLAN VIEW FOR:
 - LOCATION(S) OF SEEDING AND MULCHING
 - TYPE OF SEED MIX
- SEED MIXES MAY CONFORM TO THE TABLE PROVIDED WITH THE SMC NOTES OR ALTERNATIVES MAY BE ALLOWED WITH PRIOR PERMISSION BY THE TOWN'S INSPECTOR.
- SEEDING MAY BE PERFORMED YEAR ROUND ASSUMING THE SOIL IS NOT FROZEN. SEEDING DURING TIMES OF EXTREME TEMPERATURES SHOULD BE AVOIDED IF POSSIBLE.
- AT THE BEGINNING OF THE LAND DISTURBANCE ACTIVITIES, IT IS HIGHLY RECOMMENDED THAT AN APPROPRIATE AMOUNT OF NATIVE TOPSOIL BE STRIPPED FROM THE SITE AND STOCKPILED. ALL AREAS, PRIOR TO PERMANENT SEEDING AND MULCHING, WILL LIKELY NEED TO BE COVERED WITH AN APPROPRIATE LAYER OF TOPSOIL. THIS REQUIREMENT APPLIES TO ALL AREAS WHERE NATIVE SEEDING IS SPECIFIED ON THE CBMP PLAN AND/OR LANDSCAPING PLANS.
- IT IS STRONGLY RECOMMENDED THAT SAMPLES FROM THE STRIPPED TOPSOIL BE PROPERLY COLLECTED AND TESTED BY A QUALIFIED LABORATORY TO ENSURE ADEQUATE NUTRIENT CONTENT PRIOR TO SEEDING AND MULCHING. IF IT IS DISCOVERED THAT THE TOPSOIL IS VOID OF THE NUTRIENTS NECESSARY TO SUCCESSFULLY ESTABLISH THE REQUIRED VEGETATION, THEN THE APPROPRIATE AMENDMENTS SHALL BE ADDED.
- ALL AREAS TO BE SEEDED AND MULCHED SHALL BE SURFACE ROUGHENED ACCORDING TO THE SURFACE ROUGHENING DETAILS AND NOTES. SURFACE ROUGHENING SHALL OCCUR AFTER PLACEMENT OF THE TOPSOIL.
- WHEN INSTALLED WITH A DRILL SEEDER, SEED SHALL BE PLACED AT A DEPTH OF 1/4 - 1/2 INCH. ROW SPACING SHALL BE NO MORE THAN 6-INCHES.
- ALL AREAS INCAPABLE OF BEING DRILL SEEDED SHALL BE SURFACE ROUGHENED ACCORDING TO THE SURFACE ROUGHENING NOTES OR EFFECTIVELY ROUGHENED USING A HARROW OR OTHER SUCH IMPLEMENT. ALL AREAS SHALL BE UNIFORMLY HAND BROADCASTED WITH THE PROPER SEED MIX APPLIED AT TWO TIMES THE DRILL SEEDED RATE. BROADCASTED AREAS SHALL THEN BE RE-HARROWED OR RE-RAKED USING A HARD-TIPPED RAKE TO ENSURE THAT SEEDS ARE BURIED TO AN APPROXIMATE DEPTH OF 1/4 - 1/2 INCH.
- AFTER SEEDING HAS BEEN COMPLETED, MULCH SHALL BE UNIFORMLY APPLIED AT A RATE OF 2 TONS/ACRE (4,000 LBS/ACRE). MULCH SHALL BE MECHANICALLY CRIMPED TO A DEPTH OF 2 INCHES USING A CRIMPER. MULCH SHALL BE HAND CRIMPED AND COVERED WITH A TACKIFIER IN AREAS WHERE MECHANICAL CRIMPING IS NOT POSSIBLE. WHEN SOILS PERMIT, ALL MULCH SHALL BE CRIMPED SUCH THAT THE INDIVIDUAL PIECES OF STRAW OR HAY FORM EXAGGERATED V-SHAPES PROTRUDING OUT OF THE GROUND SEVERAL INCHES.
- IN CERTAIN INSTANCES, IT MAY BE NECESSARY TO APPLY A TACKIFIER IN ORDER TO HELP WITH STRAW DISPLACEMENT. TACKIFIER SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.

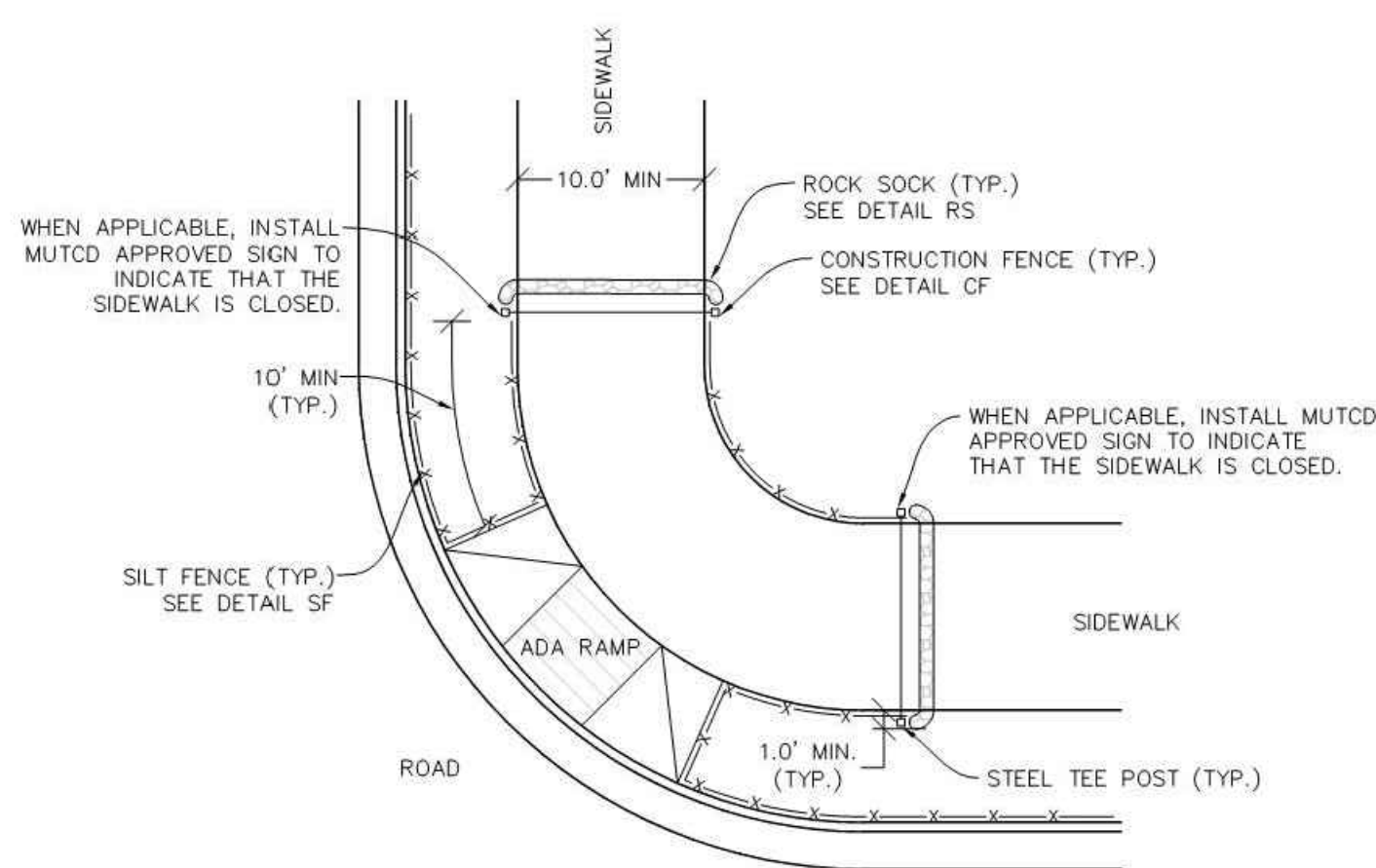
Parker COLORADO | **CBMP** | **SMC**
 CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 3
 Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.



Parker COLORADO | **CBMP** | **SCL**
 CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 3
 Oct. 2013

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Parker COLORADO | **CBMP** | **STP**
 CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 3
 Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

SEEDING AND MULCHING MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE SEEDING AND MULCHING.
 - ANY SEEDED AND MULCHED AREAS THAT BECOME DAMAGED SHALL BE REPAIRED WITHIN THE TIME FRAME SPECIFIED BY THE TOWN'S INSPECTOR.
- WEED MANAGEMENT**
- ALL HERBICIDES SHALL BE APPLIED BY COMMERCIAL PESTICIDE APPLICATORS LICENSED BY THE COLORADO DEPARTMENT OF AGRICULTURE AS QUALIFIED APPLICATORS. THE CONTRACTOR SHALL FURNISH DOCUMENTATION OF SUCH LICENSING PRIOR TO HERBICIDE APPLICATION.
 - HERBICIDE APPLICATION METHOD SHALL BE SUCH THAT PLANT GROWTH OUTSIDE THE DESIGNATED TREATMENT AREAS WILL NOT BE DAMAGED. ALL DAMAGE CAUSED BY IMPROPER HERBICIDE APPLICATION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 - HERBICIDES SHALL BE APPLIED DURING THE APPROPRIATE SEASONS, WHEN TARGET PLANTS ARE ACTIVELY GROWING.
 - AFTER THE GRASS SEED IS ESTABLISHED, APPROPRIATE HERBICIDES SHALL BE APPLIED TO CONTROL THE REMAINING WEEDS TO ENSURE A TIMELY RETURN OF THE FINANCIAL SECURITY. PROPER TIMING OF HERBICIDE APPLICATIONS ARE NECESSARY TO ACHIEVE THE SUPPRESSION OF WEED SEED PRODUCTION AND DEPLETION OF WEED ROOT MASS. ULTIMATELY, THE HERBICIDES USED SHALL BE BASED UPON THE TARGET WEEDS.
 - HERBICIDE TREATMENTS SHALL CONTINUE AT AN APPROPRIATE RATE UNTIL IT IS EVIDENT THAT WEED GROWTH PRESENCE AND GROWTH IS MINIMAL AND MAY BE CONTROLLED THROUGH MOWING AND/OR ANNUAL HERBICIDE TREATMENT.

Parker COLORADO | **CBMP** | **SMC**
 CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 3
 Oct. 2013

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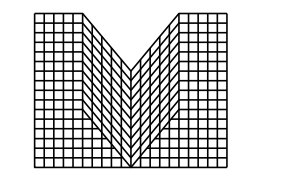
SEDIMENT CONTROL LOG INSTALLATION NOTES

- SEE CBMP PLAN FOR LOCATION(S) OF SEDIMENT CONTROL LOGS.
- ALL SEDIMENT CONTROL LOGS SHALL BE INSTALLED FREE OF DEFECTS INCLUDING RIPS, HOLES AND OBVIOUS WEAR.
- SEDIMENT CONTROL LOGS SHALL BE INSTALLED IMMEDIATELY ADJACENT TO AN IMPERVIOUS SURFACE, SUCH AS A CURB HEAD, SIDEWALK, INLET LID, ETC. NO GAPS SHALL EXIST BETWEEN THE SEDIMENT CONTROL LOG AND THE IMPERVIOUS SURFACE.
- A UNIFORM 3" DEEP ANCHOR TRENCH (APPROX.) IN THE SHAPE OF A HALF-SPHERE SHALL BE EXCAVATED USING A TRENCHER, SPADE-SHAPED SHOVEL, OR PICK. THE ANCHOR TRENCH SHALL BE SIZED TO ALLOW FOR THE SEDIMENT CONTROL LOG TO SEAT TIGHTLY AGAINST THE ANCHOR TRENCH.
- EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF THE ANCHOR TRENCH AND PROPERLY COMPACTED.
- ANCHOR TRENCH SHALL BE RELATIVELY FREE OF ROCKS OR OTHER DEBRIS PRIOR TO THE PLACEMENT.
- ALL SEDIMENT CONTROL LOGS SHALL BE PLACED 3" (APPROX.) BELOW THE GROUND AND PULLED TIGHT ON BOTH ENDS TO REMOVE ANY CURVES OR SNAGS.
- THE UPHILL SIDE OF THE SEDIMENT CONTROL LOG SHALL BE BACKFILLED WITH SOIL THAT IS RELATIVELY FREE OF ROCKS AND DEBRIS. THE SOIL SHALL BE TIGHTLY COMPACTED AGAINST THE GROUND AND SEDIMENT CONTROL LOG USING A SHOVEL, OR SIMILAR DEVICE.
- SEDIMENT CONTROL LOG STAKES SHALL BE MADE OF WOOD AND SECURELY ANCHOR THE SCL IN PLACE.
- STAKES SHALL BE PLACED ON 4.0' CENTERS AND EMBEDDED APPROXIMATELY 6" INTO THE GROUND. STAKES THAT ARE BROKEN PRIOR TO OR DURING INSTALLATION SHALL BE REPLACED.
- SEDIMENT CONTROL LOGS SHALL OVERLAP A MINIMUM OF 12". THE OVERLAPPING SHALL OCCUR ON THE UP-GRADE SIDE OF THE LOGS.
- SEDIMENT CONTROL LOGS SHALL BE STAKED WITHIN 6" FROM EACH END.
- SEDIMENT CONTROL LOGS THAT ARE INSTALLED BEHIND CURBS AND SIDEWALKS MUST BE DONE SO THAT NO MORE THAN A 2" GAP EXISTS BETWEEN THE CONCRETE AND THE LOG. EROSION CONTROL BLANKETING (ECB) BETWEEN THE GAP MAY BE REQUIRED IN INSTANCES WHERE THIS DOES NOT OCCUR.

SEDIMENT CONTROL LOG INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE SEDIMENT CONTROL LOGS.
- ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE THE SEDIMENT HAS REACHED A DEPTH EQUAL TO 1/2 THE HEIGHT OF EXPOSED LOG.
- SEDIMENT CONTROL LOGS SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
- SEDIMENT CONTROL LOGS SHALL BE REPLACED WHEN THERE ARE ANY SIGNS OF WEAR OR DAMAGE THAT WOULD PREVENT THE SCL FROM FUNCTIONING AS DESIGNED.
- WHEN THE SEDIMENT CONTROL LOGS ARE REMOVED, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE SEDIMENT CONTROL LOGS MAY NEED TO BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).

Parker COLORADO | **CBMP** | **SCL**
 CONSTRUCTION BEST MANAGEMENT PRACTICES | 3 OF 3
 Oct. 2013



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CLIENT NAME: PARKER ADVENTIST HOSPITAL
PROJECT NAME: PARKER MOB III
DRAWING TITLE: 9403 CROWN CREST BLVD. EROSION CONTROL DETAILS
 FILE PATH: J:\Jobs\18057 Parker MOB III\05 CADPlans and Details\C351-EROS-DTL.S.dwg C-359 - 8/7/2018

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MIRO JOB NUMBER: 18057
CLIENT JOB NUMBER:
DRAWING NUMBER: C-359

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

SILT FENCE INSTALLATION NOTES

- SEE CBMP PLAN FOR LOCATION(S) OF SILT FENCE.
- ALL SILT FENCE SHALL BE INSTALLED IN GOOD CONDITION AND FREE OF ANY DEFECTS INCLUDING RIPS, HOLES AND OBVIOUS WEAR.
- A UNIFORM 10" DEEP ANCHOR TRENCH SHALL BE EXCAVATED USING A TRENCHER.
- A 10" DEEP ANCHOR SLIT SHALL BE FORMED IF USING A STATIC SLICING METHOD.
- EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF THE ANCHOR TRENCH.
- ANCHOR TRENCH SHALL BE GENERALLY FREE OF ROCKS OR OTHER DEBRIS PRIOR TO THE PLACEMENT OF THE SILT FENCE.
- THE ANCHOR TRENCH SHALL BE THOROUGHLY BACKFILLED WITH SOIL THAT IS GENERALLY FREE OF ROCKS AND DEBRIS.
- ALL EXCAVATED MATERIAL SHALL BE PLACED ON THE UP-GRADE SIDE OF THE SILT FENCE.
- STAKES SHALL BE POSITIONED ON THE DOWNHILL SIDE OF THE SILT FENCE FABRIC AND PLACED ON 10.0' CENTERS OR LESS. STAKES SHALL BE EMBEDDED A MINIMUM OF 12" INTO THE GROUND. A WOODEN LATH SHALL BE ATTACHED TO THE OPPOSING (UPHILL) SIDE OF THE STAKE FOR ADDED STRENGTH AND SUPPORT. THE LATH SHALL HAVE THE FOLLOWING DIMENSIONS: 1"x1/4"x24".
- SILT FENCE SHALL BE PULLED TIGHT AS IT IS ANCHORED TO THE STAKES. THERE SHOULD NOT BE SIGNIFICANT SAGGING ALONG ANY PORTION OF THE SILT FENCE AFTER IT HAS BEEN ANCHORED TO THE STAKES.
- SILT FENCE FABRIC SHALL BE ANCHORED TO THE STAKES AND LATHS USING STAPLES OR NAILS OF AN APPROXIMATE LENGTH. ENOUGH STAPLES AND NAILS SHOULD BE PLACED ALONG THE LATH TO ENSURE PROPER ATTACHMENT.
- SILT FENCE FABRIC SHALL MEET THE FOLLOWING MANDATORY REQUIREMENTS:

PROPERTIES	TEST METHOD	MANDATORY REQUIREMENTS
GRAB TENSILE STRENGTH	ASTM D 4832	≥ 124 LBS
MULLEN BURST STRENGTH	ASTM D 3786	≥ 300 PSI
PUNCTURE STRENGTH	ASTM D 4833	> 60 LBS
TRAPEZOID TEAR STRENGTH	ASTM D 4533	> 65 LBS
UV RESISTANCE	ASTM D 4355	> 80% AT 500 HOURS OF UV EXPOSURE
FLOW RATE	ASTM D 4491	> 10 GAL/MIN/FT2

- AN ORIGINAL PRODUCT SPECIFICATION SHEET FROM THE SILT FENCE MANUFACTURER SHALL BE MADE AVAILABLE AT THE REQUEST OF THE TOWN'S INSPECTOR. THE PRODUCT SPECIFICATION SHEET SHALL PROVIDE THE RESULTS FOR THE TEST METHODS ABOVE.
- SILT FENCE JOINTS SHALL BE CONNECTED ACCORDING TO THE ATTACHED DRAWING.
- SILT FENCE THAT IS INSTALLED BEHIND CURBS AND SIDEWALKS MUST BE DONE SO THAT NO MORE THAN A 2" GAP EXISTS BETWEEN CONCRETE AND THE SILT FENCE. EROSION CONTROL BLANKETING (ECB) BETWEEN THE GAP MAY BE REQUIRED IN INSTANCES WHERE THIS DOES NOT OCCUR.

Parker COLORADO | **CBMP** | **SF**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 3 OF 4
Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

SILT FENCE

Parker COLORADO | **CBMP** | **SF**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 4
Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

SIDEWALK TRANSITION PROTECTION (ALONG STRAIGHT ROADWAY)

Parker COLORADO | **CBMP** | **STP**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 3
Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

SILT FENCE INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE SILT FENCE.
- ACCUMULATED SEDIMENT SHALL BE REMOVED REGULARLY.
- SILT FENCE SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
- SILT FENCE SHALL BE REPLACED WHEN THERE ARE ANY SIGNS OF WEAR AND/OR DAMAGE.
- WHEN THE SILT FENCE IS REMOVED, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE SILT FENCE MAY NEED TO BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).

Parker COLORADO | **CBMP** | **SF**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 4 OF 4
Oct. 2013

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ALTERNATIVE INSTALLATION - 360° TWIST

SILT FENCE

Parker COLORADO | **CBMP** | **SF**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 4
Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

SIDEWALK TRANSITION PROTECTION INSTALLATION NOTES

- SEE PLAN VIEW FOR LOCATION(S) OF SIDEWALK TRANSITION PROTECTION.
- ROCK SOCK SHALL BE CONSTRUCTED ACCORDING TO THE DETAIL (SEE DETAIL RS).
- SILT FENCE SHALL BE CONSTRUCTED ACCORDING TO THE DETAIL (SEE DETAIL SF).
- CONSTRUCTION FENCE SHALL BE CONSTRUCTED ACCORDING TO THE DETAIL (SEE DETAIL CF).
- SEDIMENT CONTROL LOGS MAY BE USED IN LIEU OF SILT FENCE WITH PRIOR APPROVAL FROM THE TOWN.

SIDEWALK TRANSITION PROTECTION INSPECTION & MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE SIDEWALK TRANSITION INSPECTION.

Parker COLORADO | **CBMP** | **STP**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 3 OF 3
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CLIENT NAME: **PARKER ADVENTIST HOSPITAL**
PROJECT NAME: **PARKER MOB III**
DRAWING TITLE: **9403 CROWN CREST BLVD. EROSION CONTROL DETAILS**
FILE PATH: J:\Jobs\18057 Parker MOB III\05 CAD\Plans and Details\C351-EROS-DTL.S.dwg C-360 - 8/7/2018

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DATE: 07/30/2018
MIRO JOB NUMBER: 18057
CLIENT JOB NUMBER:
DRAWING NUMBER: **C-360**

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

STRAW BALE INSTALLATION NOTES

- SEE CBMP PLAN FOR LOCATION(S) OF STRAW BALES.
- TYPICAL STRAW BALES SHALL BE APPROXIMATELY 36"x18"x18".
- TWO (2) WOODEN STAKES SHALL BE USED TO HOLD EACH BALE IN PLACE. WOODEN STAKES SHALL BE A MINIMUM OF 1"x1"x24".
- WOODEN STAKES SHALL BE PLACED APPROXIMATELY 6" INTO THE GROUND.
- STRAW BALES SHALL BE SPACED AND POSITIONED ACCORDING TO DETAILS.

STRAW BALE INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE STRAW BALES.
- ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE THE SEDIMENT HAS REACHED A DEPTH EQUAL TO 1/2 THE HEIGHT OF THE STRAW BALE.
- STRAW BALES MAY NEED TO BE REPLACED IF THEY BECOME HEAVILY SOILED, ROTTEN, OR OTHERWISE DAMAGED.
- STRAW BALES SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR OR AS OTHERWISE DIRECTED BY THE TOWN INSPECTOR.
- WHEN THE STRAW BALES ARE REMOVED, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE STRAW BALES MAY NEED TO BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).

Parker COLORADO | **CBMP** | **SB**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 2
OCT. 2013

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SP STOCKPILE PROTECTION

Parker COLORADO | **CBMP** | **SP**
CONSTRUCTION BEST MANAGEMENT PRACTICES | JUNE 2006

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SSA STABILIZED STAGING AREA

Parker COLORADO | **CBMP** | **SSA**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 2
OCT. 2013

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SR SURFACE ROUGHENING

Parker COLORADO | **CBMP** | **SR**
CONSTRUCTION BEST MANAGEMENT PRACTICES | JUNE 2006

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SB STRAW BALE

Parker COLORADO | **CBMP** | **SB**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 2
OCT. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

STABILIZED STAGING AREA INSTALLATION NOTES

- SEE CBMP PLAN FOR LOCATION OF STAGING AREA. CONTRACTOR MAY MODIFY LOCATION AND SIZE OF STABILIZED STAGING AREA WITH TOWN APPROVAL.
- STABILIZED STAGING AREA SHALL BE LARGE ENOUGH TO FULLY CONTAIN PARKING, STORAGE, AND LOADING OPERATIONS.
- THE STABILIZED STAGING AREA SHALL CONSIST OF A MINIMUM OF 3" DIAMETER OF ANGULAR ROCK (GRANITE OR RECYCLED CONCRETE).
- SSA FOR SMALLER SITES MAY NOT BE PRACTICAL. IN THESE AND SIMILAR SITUATIONS, VARIANCES MAY BE PERMITTED BY THE TOWN.

STABILIZED STAGING AREA INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE STAGING AREA.
- STABILIZED STAGING AREA SHALL BE ENLARGED AS NECESSARY TO CONTAIN PARKING, STORAGE, LOADING, AND UNLOADING.

Parker COLORADO | **CBMP** | **SSA**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 2
OCT. 2013

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PARKER ADVENTIST HOSPITAL
PARKER MOB III
9403 CROWN CREST BLVD.
EROSION CONTROL DETAILS

CLIENT NAME:
PROJECT NAME:
DRAWING TITLE:
FILE PATH: J:\Jobs\18057 Parker MOB III\05 CAD\Plans and Details\C361-EROS-DTL.dwg C-361 - 8/7/2018

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MIRO JOB NUMBER: 18057
CLIENT JOB NUMBER:
DRAWING NUMBER:
C-361



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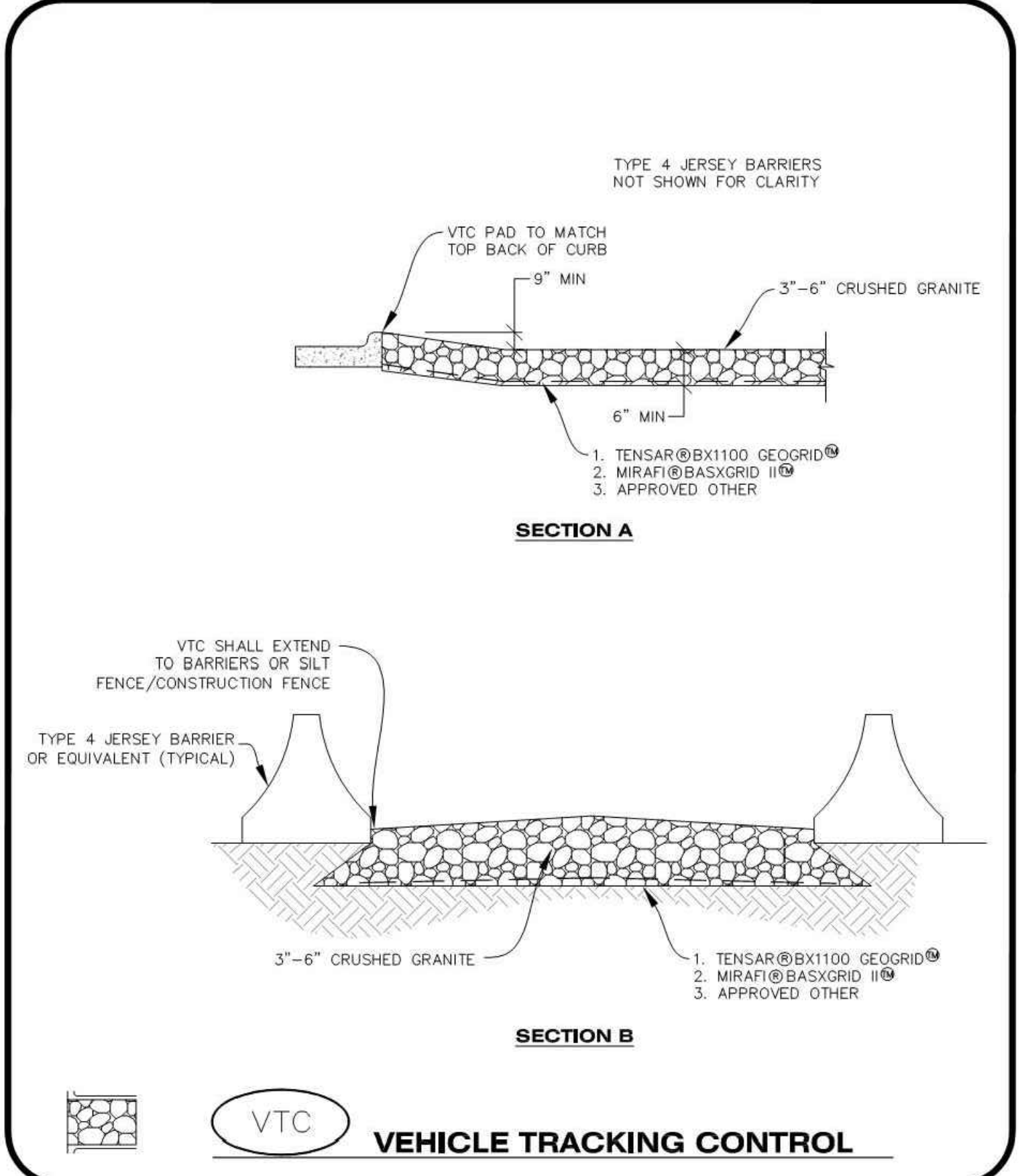
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CBMP | **VTC**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 2 OF 3
Parker COLORADO | Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

TEMPORARY SEDIMENT BASIN INSTALLATION NOTES

- SEE CBMP PLAN FOR LOCATION(S) OF SEDIMENT BASIN(S).
- THE TEMPORARY SEDIMENT BASIN(S) SHALL BE INSTALLED AND FUNCTIONING PRIOR TO ANY OTHER GRADING ACTIVITIES.
- THE EXACT DIMENSIONS AND DETAILS OF THE TEMPORARY SEDIMENT BASIN SHALL BE DETERMINED BY THE DESIGN ENGINEER, IN ACCORDANCE WITH UDFCD VOLUME 3, AS AMENDED.
- EMBANKMENT MATERIAL SHALL CONSIST OF SOIL FREE OF DEBRIS, ORGANIC MATERIAL, AND ROCKS OR CONCRETE GREATER THAN 3" AND SHALL HAVE A MINIMUM OF 15% WEIGHT PASSING THE NO. 200 SIEVE.
- EMBANKMENT MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 95% DENSITY, AND WITHIN +/- 2% OF OPTIMUM MOISTURE IN ACCORDANCE WITH ASTM D698.
- AN APPROPRIATELY SIZED DEWATERING BAG SHALL BE SECURED TO THE END OF THE DISCHARGE PIPE. THE DEWATERING BAG SHALL BE REPLACED ONCE SEDIMENT ACCUMULATION REACHES 50%.

TEMPORARY SEDIMENT BASIN INSPECTION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE TEMPORARY SEDIMENT BASIN.
- ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT REACHES A DEPTH OF 2.0', OR WITHIN 2.0' OF THE SPILLWAY CREST, OR AS OTHERWISE DIRECTED BY THE TOWN'S INSPECTOR.
- SEDIMENT BASINS SHALL REMAIN IN PLACE AND PROPERLY MAINTAINED UNTIL UPSTREAM VEGETATIVE COVER HAS REACHED A CONSISTENT DENSITY OF AT LEAST 70% OF FULL VEGETATIVE COVER AND EROSION AND SEDIMENTATION IS NO LONGER A POSSIBILITY AS DETERMINED BY THE TOWN'S INSPECTOR.

CBMP | **TSB**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 3 OF 3
Parker COLORADO | Oct. 2013

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.

VEHICLE TRACKING CONTROL PAD INSTALLATION NOTES

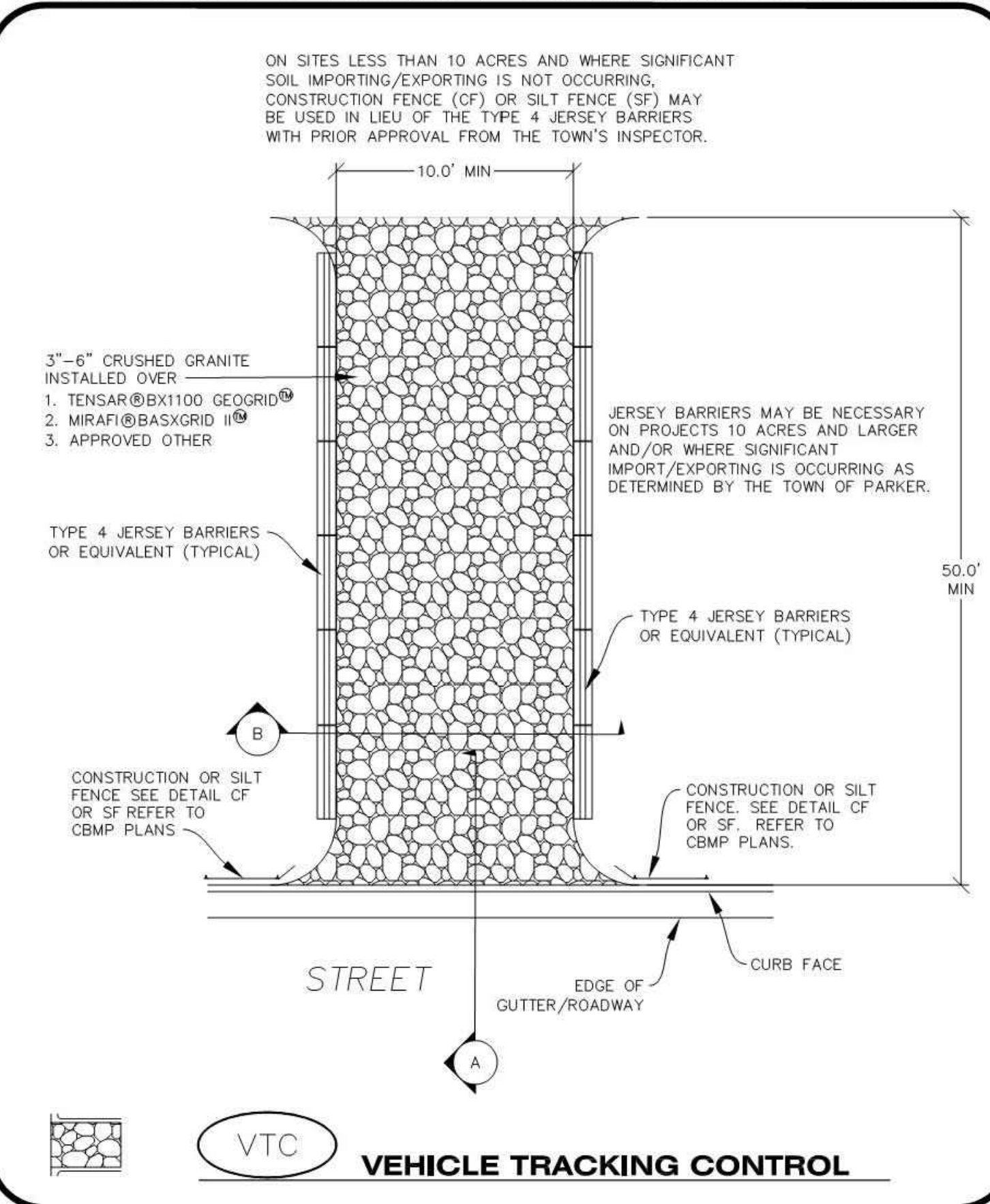
- SEE CBMP PLAN FOR LOCATION(S) OF VEHICLE TRACKING CONTROL PAD(S).
- ALL CONSTRUCTION TRAFFIC MUST ENTER AND EXIT THE SITE THROUGH THE APPROVED ACCESS POINT(S). A VEHICLE TRACKING CONTROL PAD IS REQUIRED AT ALL APPROVED ACCESS POINTS TO THE SITE. EXCEPTIONS MAY BE CONSIDERED FOR CONSTRUCTION ACTIVITY OCCURRING IMMEDIATELY ADJACENT TO PAVED AREAS AND WHERE ALTERNATIVE BMP'S ARE IMPLEMENTED. SUCH ACTIVITY MAY INCLUDE, BUT NOT BE LIMITED TO RESIDENTIAL CONSTRUCTION, UTILITY CONSTRUCTION, ETC.
- THE VEHICLE TRACKING CONTROL PAD(S) INDICATED ON CBMP PLAN SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
- VEHICLE TRACKING CONTROL PADS SHALL BE A MINIMUM OF 50-FOOT LONG AND 10-FOOT WIDE, UNLESS A VARIANCE HAS BEEN GRANTED BY THE TOWN'S INSPECTOR.
- A BIAXIAL GEO-GRID SHALL BE PLACED UNDER THE VEHICLE TRACKING CONTROL PAD PRIOR TO THE PLACEMENT OF ROCK. THE AREA SHALL BE FREE FROM ANY VOIDS, ROCKS AND DEBRIS. THE BIAXIAL GEO-GRID SHALL BE TENSAR BX1100, MIRAFI BASXGRID II, OR AN APPROVED EQUAL. GEO-GRID SHALL BE PLACED, AND APPROPRIATELY OVERLAPPED IF NECESSARY, TO COVER THE ENTIRE LENGTH AND WIDTH OF THE VEHICLE TRACKING CONTROL PAD.
- CRUSHED ROCK SHALL BE A MINIMUM OF 3-6" GRANITE WITH A FRACTURED FACE (ALL SIDES).

VEHICLE TRACKING CONTROL PAD INSTALLATION AND MAINTENANCE NOTES

- THE EROSION CONTROL SUPERVISOR SHALL REGULARLY INSPECT THE VEHICLE TRACKING CONTROL PAD.
- WHEN THE VEHICLE TRACKING CONTROL PAD IS REMOVED, ANY DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE VEHICLE TRACKING CONTROL PAD SHALL BE ROUGHENED, SEEDED, MULCHED, AND CRIMPED PER THE TOWN'S SPECIFICATIONS (SEE DETAIL SMC).
- THE VEHICLE TRACKING CONTROL PAD SHALL BE MAINTAINED SUCH THAT THE ROCK REMAINS RELATIVELY LOOSE AND ACCUMULATED MUD AND OTHER DEBRIS IS REGULARLY REMOVED.

CBMP | **VTC**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 3 OF 3
Parker COLORADO | Oct. 2013

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CBMP | **VTC**
CONSTRUCTION BEST MANAGEMENT PRACTICES | 1 OF 3
Parker COLORADO | Oct. 2013

CLIENT NAME: **PARKER ADVENTIST HOSPITAL**
PROJECT NAME: **PARKER MOB III**
DRAWING TITLE: **9403 CROWN CREST BLVD. EROSION CONTROL DETAILS**
FILE PATH: J:\Jobs\18057 Parker MOB III\05 CAD\Plans and Details\C351-EROS-DTL.S.dwg C-363 - 8/7/2018

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DATE: 07/30/2018
MIRO JOB NUMBER: 18057
CLIENT JOB NUMBER: [blank]

DRAWING NUMBER: **C-363**

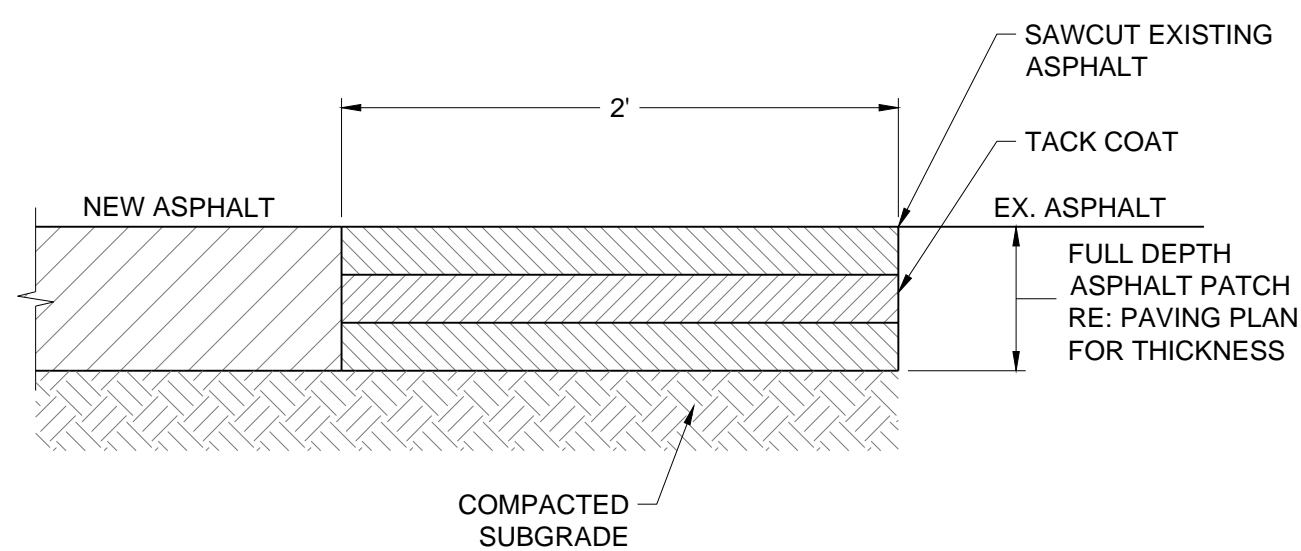
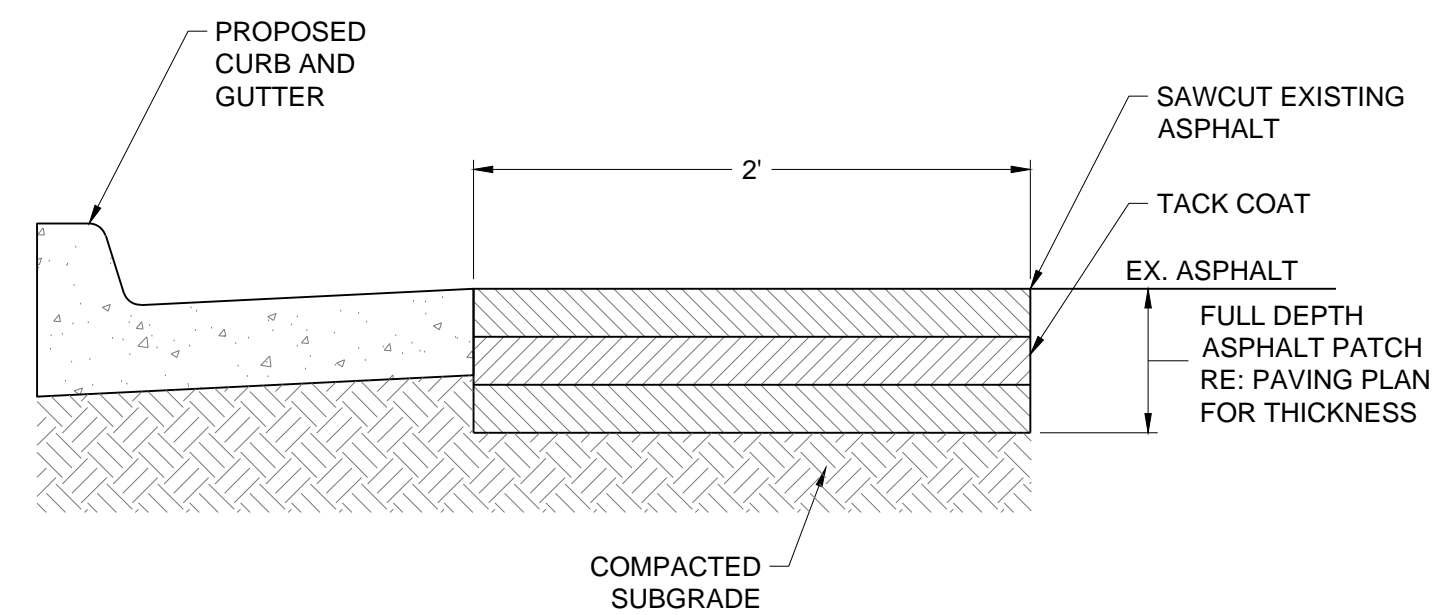


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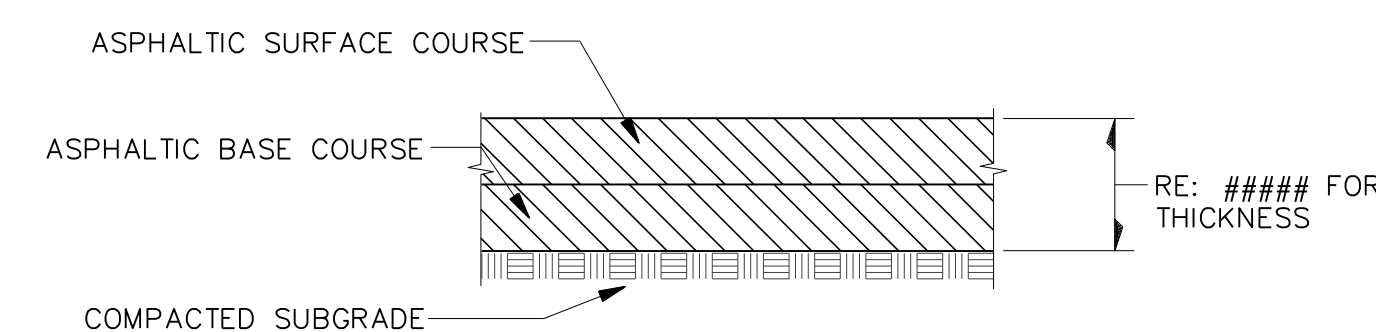
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ph. 303-741-3737
fax 303-694-3134



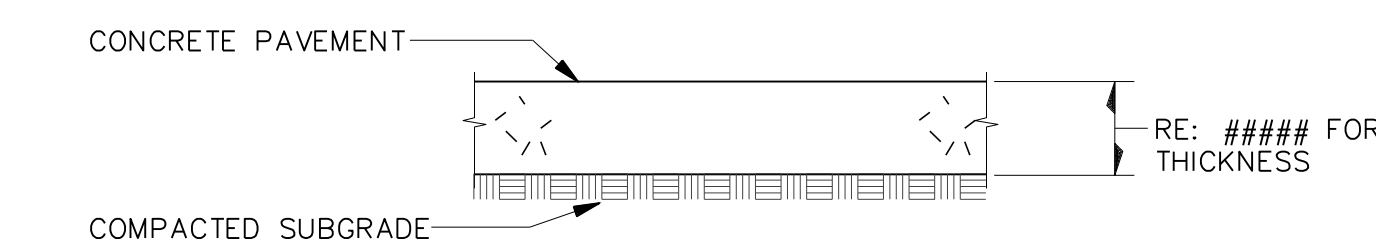
Know what's below.
Call before you dig.



3 ASPHALT PATCHBACK DETAIL
3" MAXIMUM COMPACTED LIFTS NO SCALE

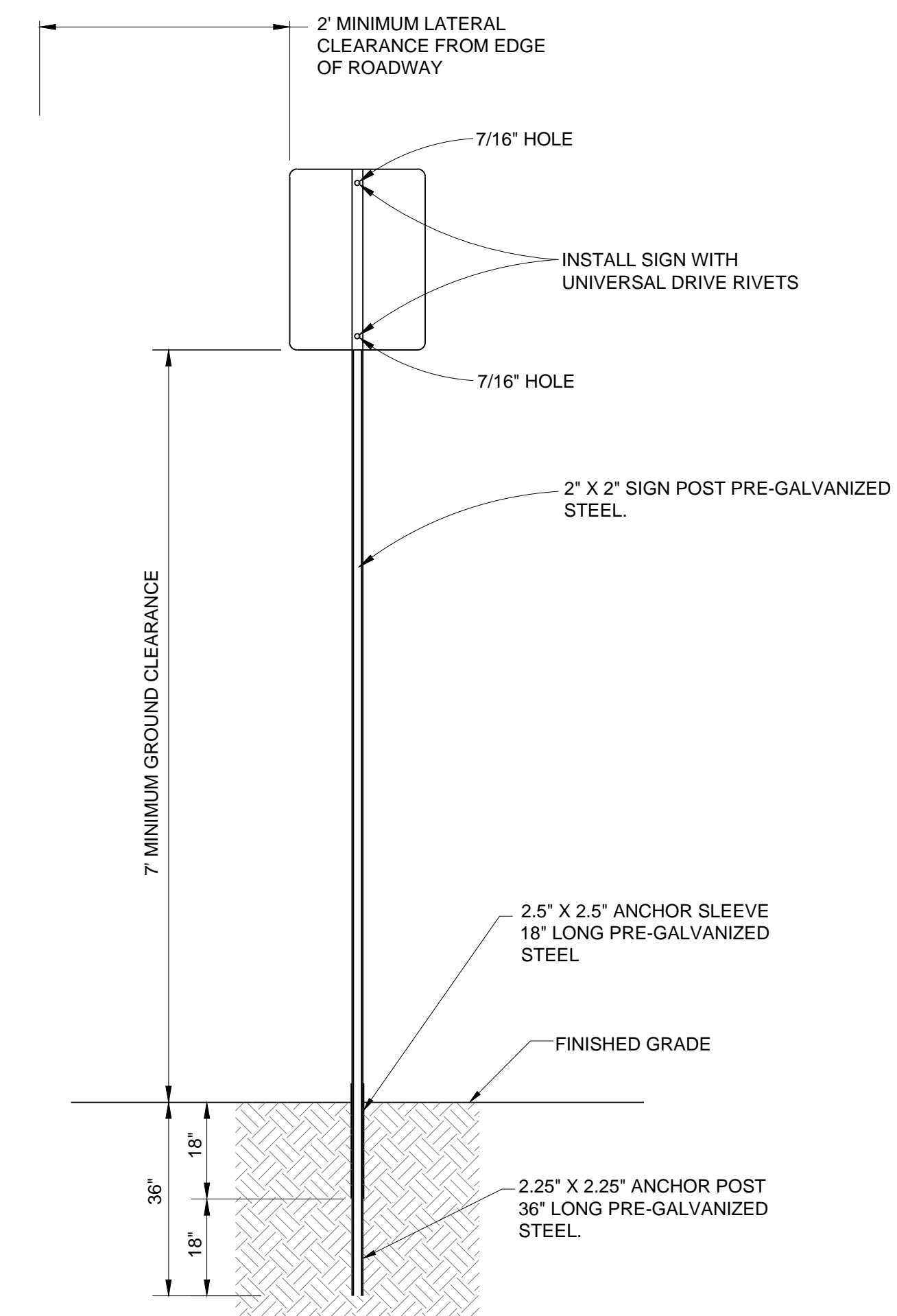


A FULL DEPTH ASPHALT PAVEMENT SECTION
USE 3" MAXIMUM COMPACTED LIFT NO SCALE



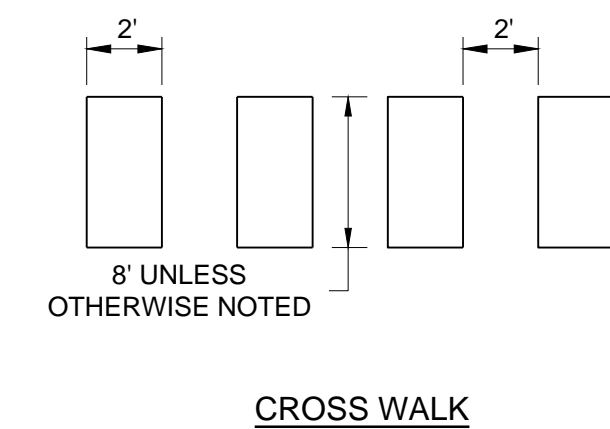
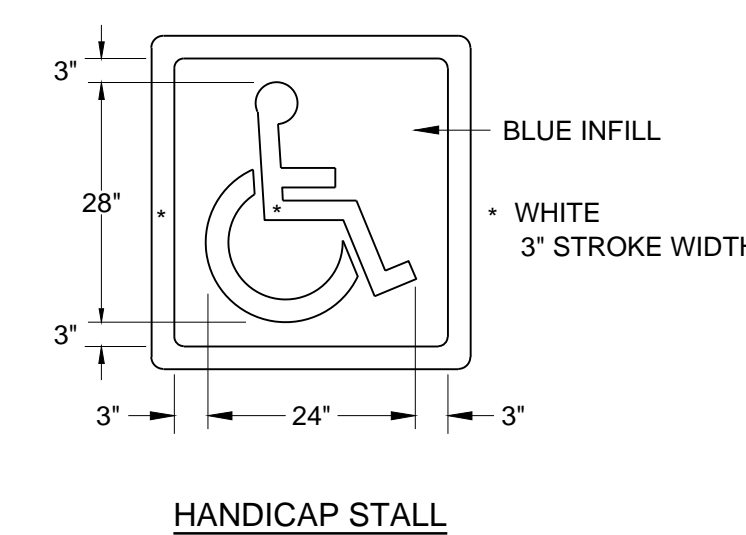
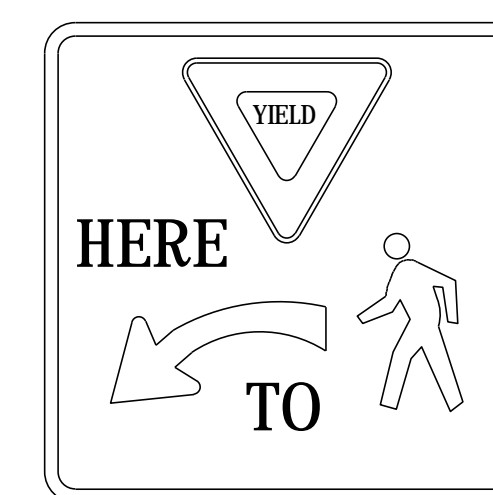
B CONCRETE PAVEMENT SECTION NO SCALE

4 PAVING SECTIONS NO SCALE



- NOTES:
1. ALL TUBING SHALL BE #12 U.S. STANDARD GAUGE WALL THICKNESS.
 2. SIGN POST INSTALLATION SHALL FOLLOW THE MANUFACTURE'S SPECIFICATIONS. SIGN AND POST SHALL BE PLUMB AND FREE OF VERTICAL AND LATERAL MOVEMENT.
 3. SIGN SHALL BE PARALLEL TO FLOWLINE FOR PARKING STALL INSTALLATION AND 90° FOR ROADWAY INSTALLATION.
 4. DRIVE ANCHOR POST AND ANCHOR SLEEVE INTO THE GROUND TOGETHER. LEAVING THREE HOLES EXPOSED FOR BOLT CONNECTION. FOR HAND INSTALLATION, DRIVE CAP OF PROPER SIZE SHALL BE USED TO PREVENT DAMAGE TO TUBING. SIDEWALK SHALL BE POURED AROUND ANCHOR SLEEVE OR EXISTING SIDEWALK SHALL BE CORE DRILLED AND SEALED AROUND THE SLEEVE.
 5. INSERT SIGN POST INTO ANCHOR ASSEMBLY APPROXIMATELY 6" TO 8" AND BOLT IN PLACE.

1 SIGN SUPPORT DETAIL NO SCALE



2 SIGNAGE AND STRIPING DETAILS NO SCALE

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CLIENT NAME: PARKER ADVENTIST HOSPITAL
 PROJECT NAME: PARKER MOB III
 9403 CROWN CREST BLVD.
 DRAWING TITLE: SITE DETAILS

FILE PATH: J:\Jobs\18057 Parker MOB III\05 CAD\Plans and Details\C451-SITE-DTLS.dwg C-451 - 8/7/2018

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MIRO JOB NUMBER: 18057
 CLIENT JOB NUMBER: [blank]

DRAWING NUMBER: C-451

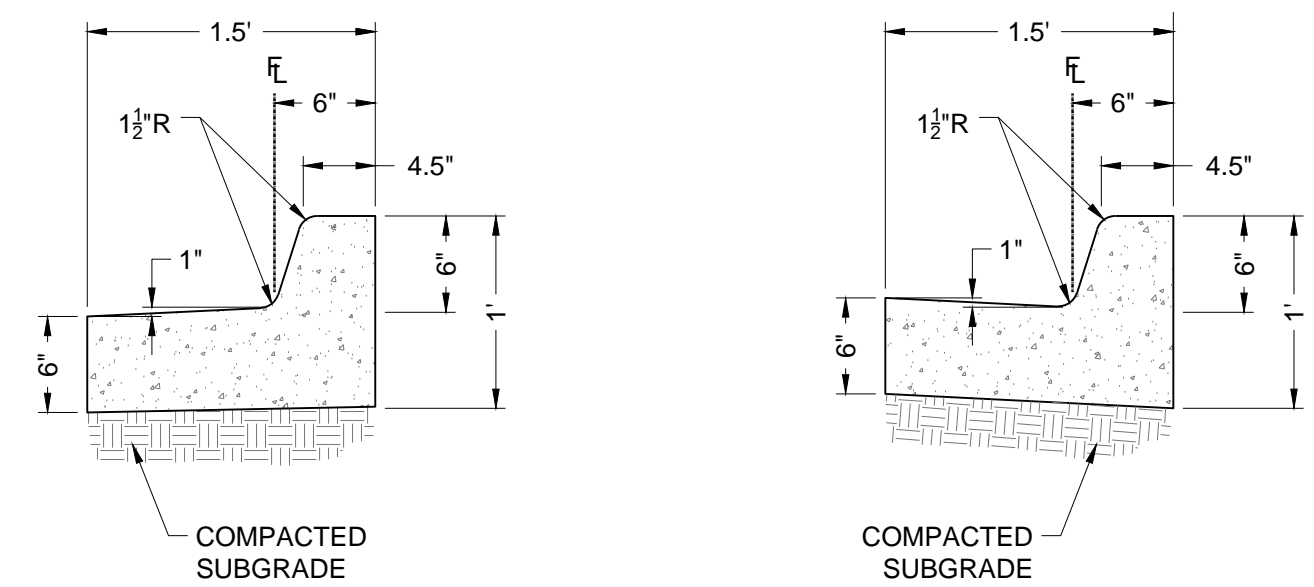


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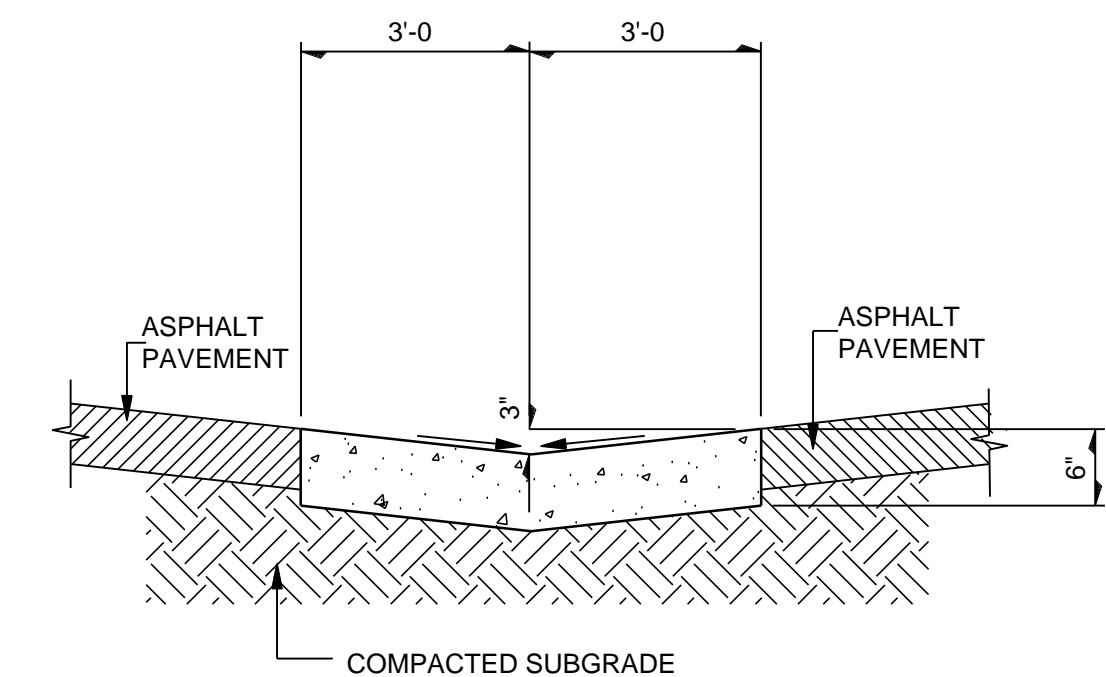
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ph. 303-741-3737
fax 303-694-3134



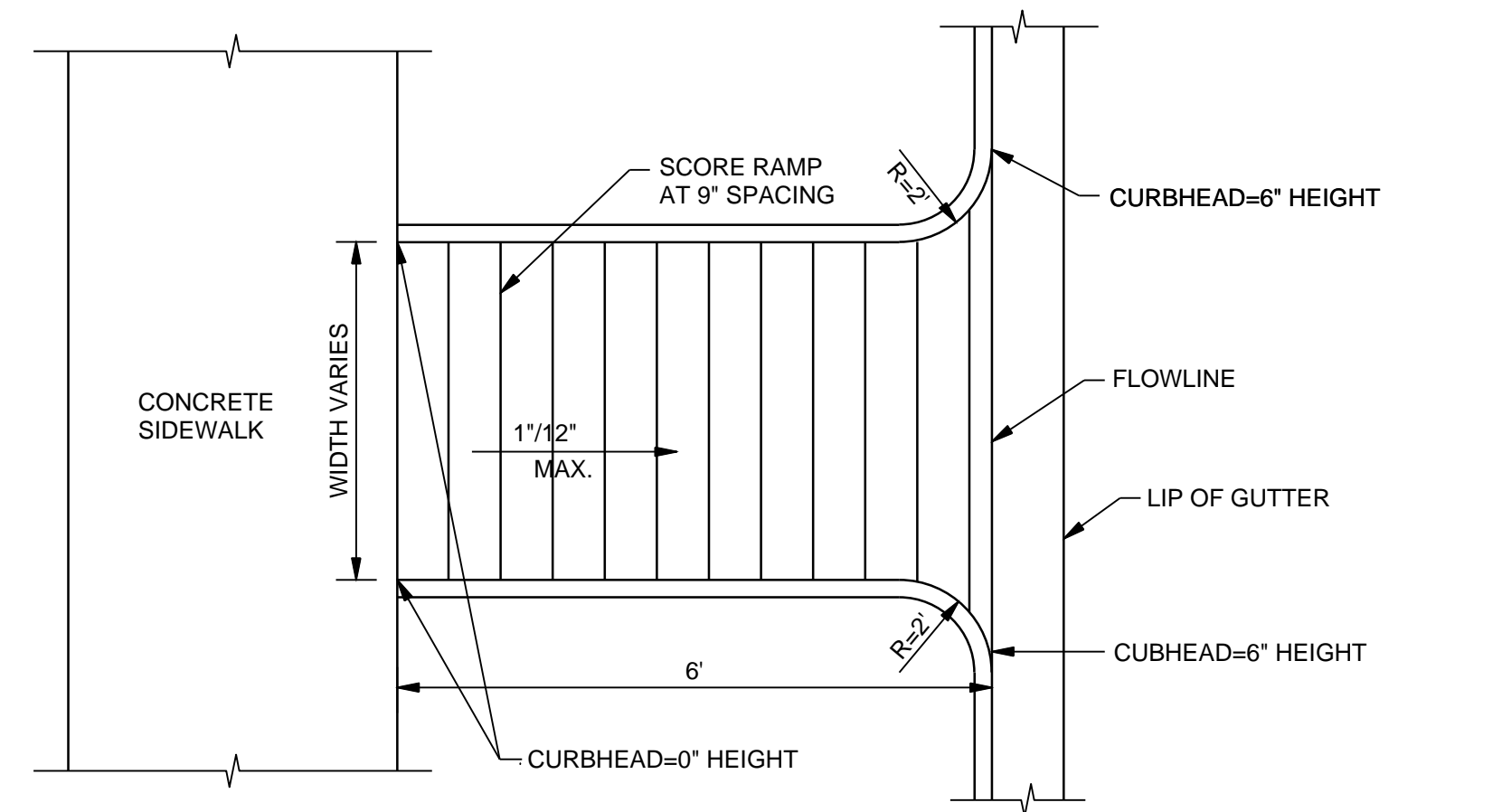
Know what's below.
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2 CURB AND GUTTER DETAIL
NO SCALE



1 6' CONCRETE PAN DETAIL
NO SCALE



4 HANDICAP RAMP DETAIL
NO SCALE

MEDIAN CURB AND GUTTER SECTION
(CDOT CURB AND GUTTER TYPE 2 (SECTION II-B))

VERTICAL CURB AND GUTTER SECTION
(CDOT CURB AND GUTTER TYPE 2 (SECTION II-B))

MOUNTABLE CURB AND GUTTER SECTION

* GUTTER CROSS SLOPE SHALL BE 1/2 IN./FT. WHEN DRAINING AWAY FROM CURB AND 1 IN./FT. WHEN DRAINING TOWARD CURB. DIRECTION OF SLOPE SHALL MATCH STREET CROSS SLOPE.

NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF THE TOWN OF PARKER.



**CURB, GUTTER, AND SIDEWALK SECTIONS
STANDARD DETAIL**

DATE: AUGUST 2014
DETAIL: 3
1 OF 1

REV.	DESCRIPTION	DATE
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CLIENT NAME: **PARKER ADVENTIST HOSPITAL**

PROJECT NAME: **PARKER MOB III**

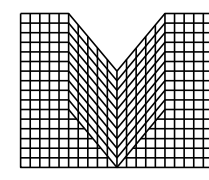
DRAWING TITLE: **9403 CROWN CREST BLVD. SITE DETAILS**

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 DRAWING NUMBER: C-452

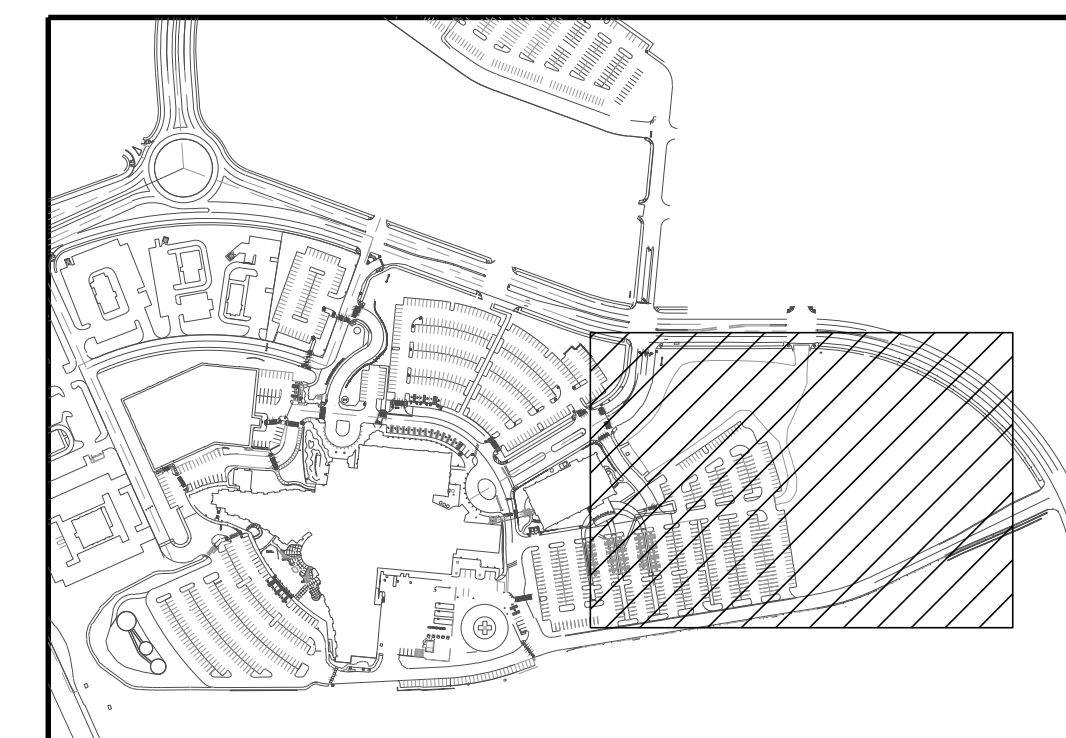


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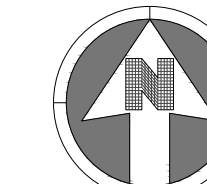


Know what's **below.**
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KEY MAP

NOT TO SCALE



40 0 40

SCALE: 1" = 40'

NOTES:

- SEE SHEET C-001 FOR CIVIL NOTES AND LEGEND.



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CLIENT NAME:	PARKER ADVENTIST HOSPITAL
PROJECT NAME:	PARKER MOB III
DRAWING TITLE:	9403 CROWN CREST BLVD. UTILITY PLAN
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C-511