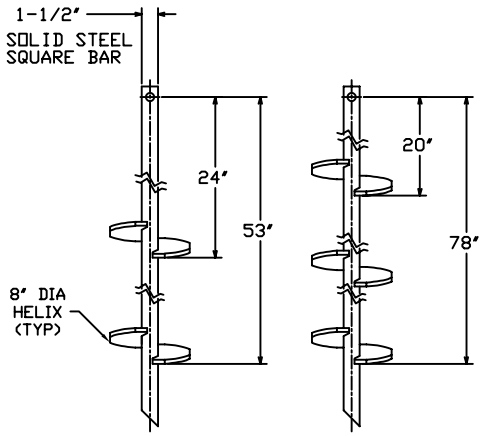
SOIL SCREW™ RETENTION WALL SYSTEM

ALLOWABLE TORQUE CAPACITY - 5,500 FT-LBS.
ULTIMATE TENSION STRENGTH OF ANCHORS - 70,000 LBS.

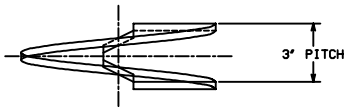
-NOTES-

1. HOT DIP GALVANIZED PER ASTM A153-(LATEST REV.)
2. LEAD AND EXTENSION SECTION LENGTHS AND HELIX SPACINGS ARE NOMINAL, EXPECT SOME VARIANCE.
3. MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES.
4. ALL WELDING TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1.1.

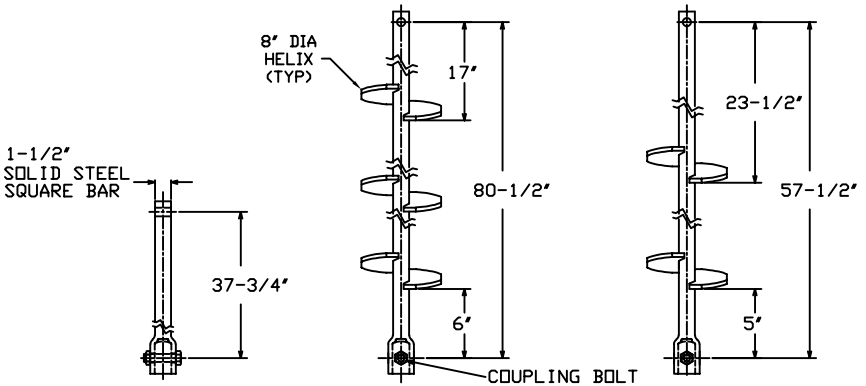


C1100692
TWIN HELIX
LEAD
SECTION

C1100691
TRIPLE HELIX
LEAD
SECTION



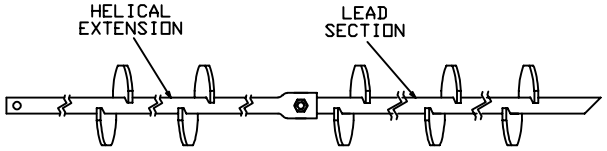
HELIX MUST BE FORMED BY MATCHING METAL DIE
(SIDE VIEW OF TRUE HELICAL FORM)



12655
PLAIN
EXTENSION

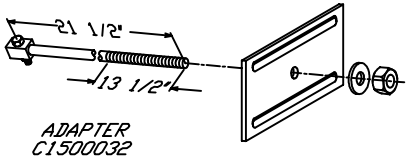
C1100689
TRIPLE HELIX
EXTENSION

C1100690
TWIN HELIX
EXTENSION



TYPICAL ANCHOR ASSEMBLY

CATALOG NO.	DESCRIPTION	FINISH
C1100692	TWIN HELIX LEAD	GALV.
C1100692NG	TWIN HELIX LEAD	BLACK
C1100691	TRIPLE HELIX LEAD	GALV.
C1100691NG	TRIPLE HELIX LEAD	BLACK
12655	PLAIN EXTENSION	GALV.
C1100689	TRIPLE HELIX LEAD	GALV.
C1100689NG	TRIPLE HELIX LEAD	BLACK
C1100690	TWIN HELIX LEAD	GALV.
C1100690NG	TWIN HELIX LEAD	BLACK
C1500032	ADAPTER	GALV.
E1500088	PLATE	GALV.
T1100671	PLATE	GALV.



ADAPTER
C1500032

PLATE
E1500088

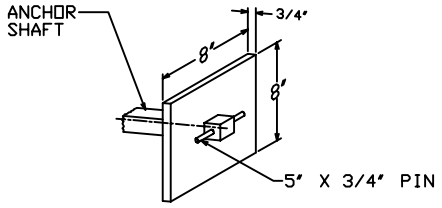


PLATE
T1100671

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HUBBELL® POWER SYSTEMS

TITLE: SOIL SCREW RETENTION WALL SYSTEM

SIZE	DWG NO.	REV
SC	SA11010031	C

DO NOT SCALE THIS DRAWING	DRN BY KSH	DATE 8/12/04	SHEET 1/3

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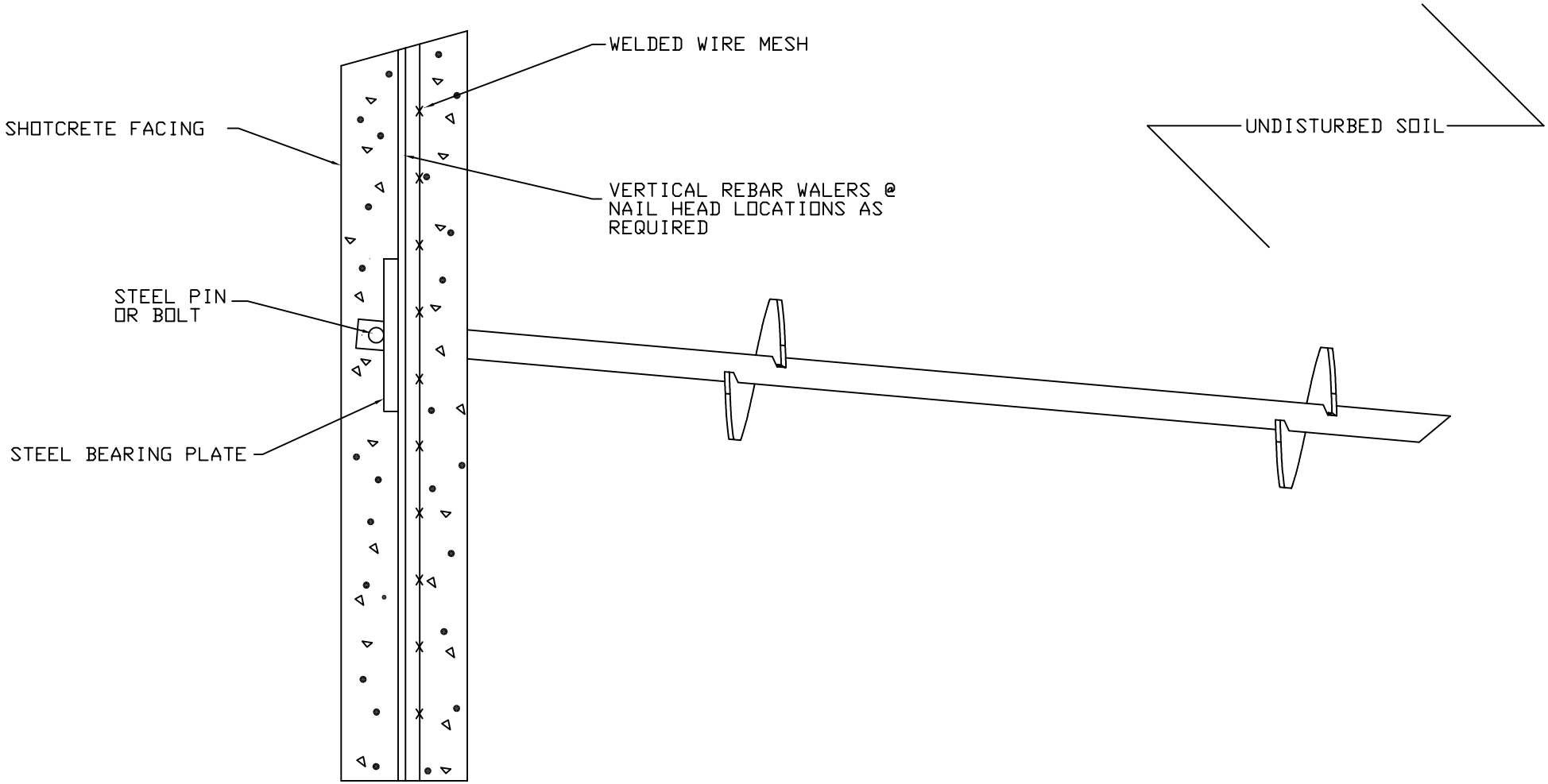

TYPICAL FACING SYSTEM FOR A TEMPORARY SOIL SCREW™ RETENTION WALL SYSTEM

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HUBBELL® POWER SYSTEMS

TITLE: SOIL SCREW RETENTION WALL SYSTEM

SIZE	DWG NO.	REV
SC	SA11010031_02	C

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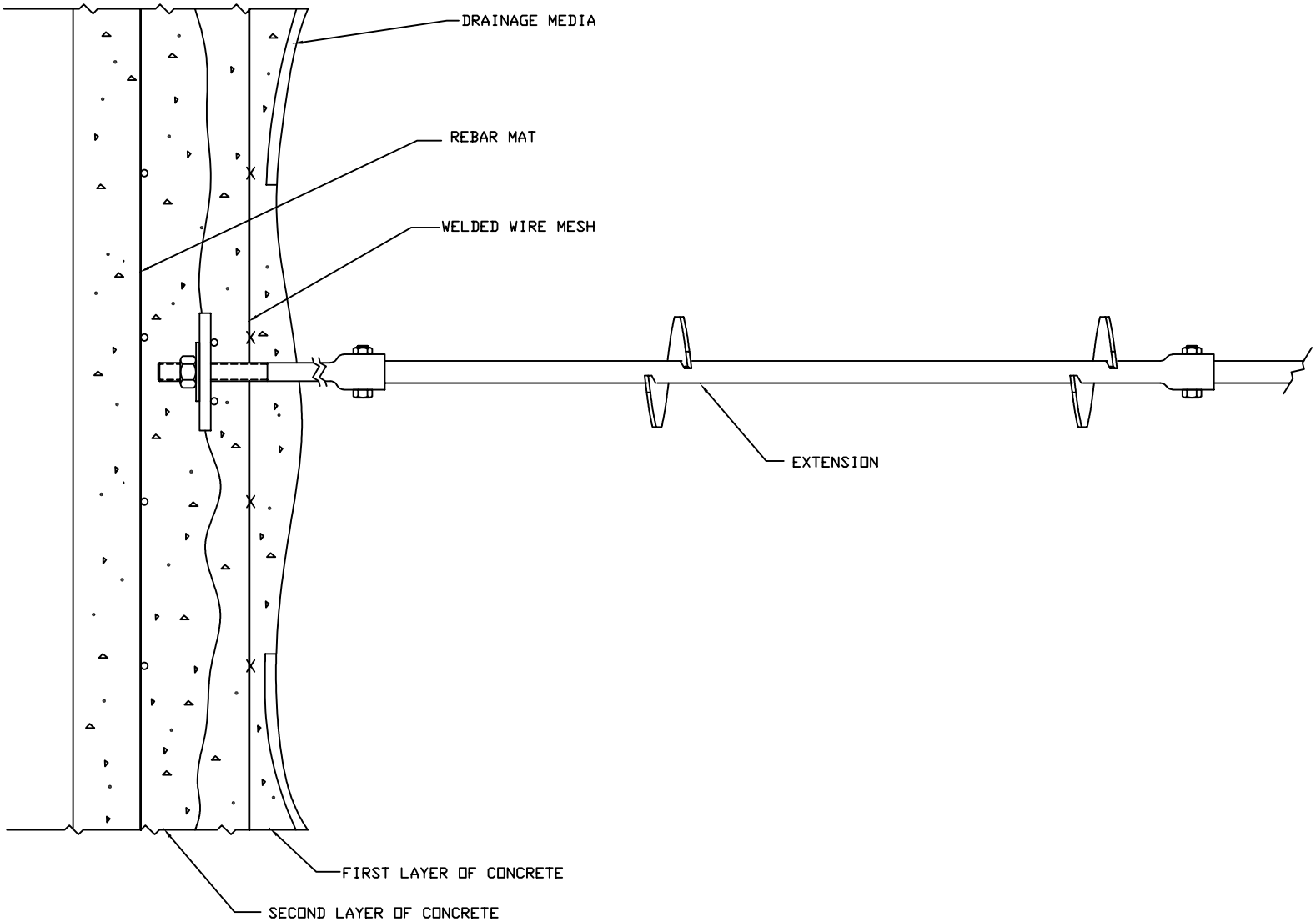

TYPICAL PLAN VIEW OF PERMANENT SOIL SCREW™ RETENTION WALL SYSTEM, WALL SECTION

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TITLE: SOIL SCREW RETENTION WALL SYSTEM

SIZE	DWG NO.	REV
SC	SA11010031_03	C

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