

LEGEND
 — PROPOSED CONDUIT
 □ PROPOSED PULL BOX

- NOTES**
- REMOVE EXISTING 70A PANEL AND REPLACE WITH 100A, 6 POLE, RAINPROOF, LOAD CENTER (SQUARE D, QO OR EQUAL). PROVIDE (1) 20A/1P BREAKER AND (1) 50A/1P BREAKER TO MATCH EXISTING AND (1) ADDITIONAL 20A/1P BREAKER FOR SIGN LIGHT AND IRRIGATION CONTROLLER.
 - INSTALL NEW 20A CIRCUIT, (2)#6, (1)#6 THWN IN EXISTING CONDUIT CROSSING DENTON DRIVE. CONDUIT CONTAINS EXISTING WIRING. PROVIDE A SEPARATE, ALTERNATE LINE ITEM PRICE TO REMOVE AND REPLACE EXISTING POWER AND CONTROL CABLES IF REQUIRED TO INSTALL NEW CIRCUIT.
 - NEW 2" CONDUIT WITH 20A CIRCUIT TO NEW LOAD CENTER.
 - NEW 40A, 2 POLE, RAINPROOF LOAD CENTER, SQUARE D, QO OR EQUAL.
 - 20A CIRCUIT TO IRRIGATION CONTROLLER, (2)#12, (1)#12G THWN IN 1" CONDUIT.
 - 20A CIRCUIT TO NEW SIGN LIGHT, (2)#10, (1)#10G THWN IN 1" CONDUIT.
 - VERIFY EXACT POINT OF CONNECTION TO ILLUMINATED SIGN AND MAKE FINAL CONNECTION WITH LFMC CONDUIT.

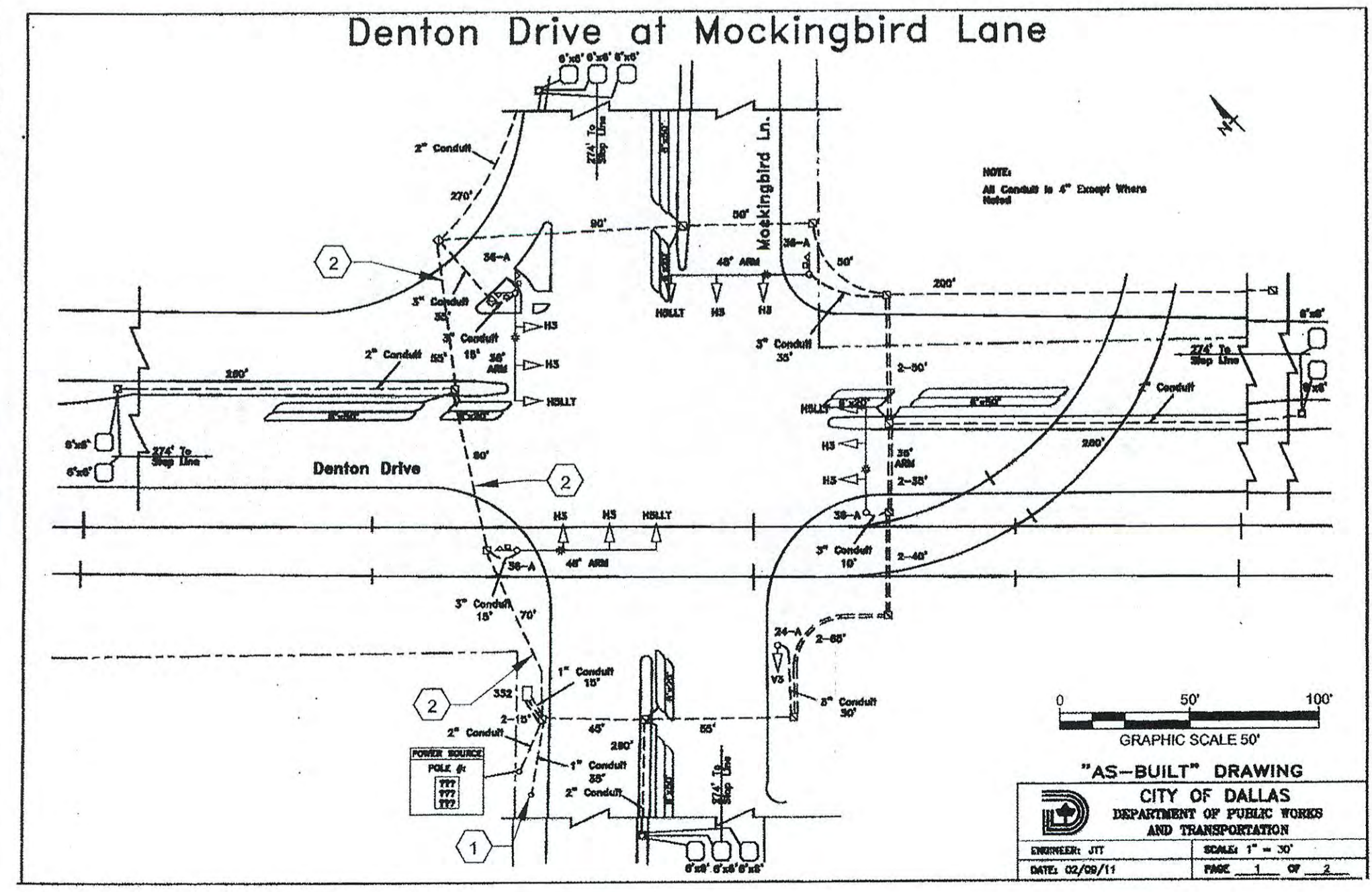
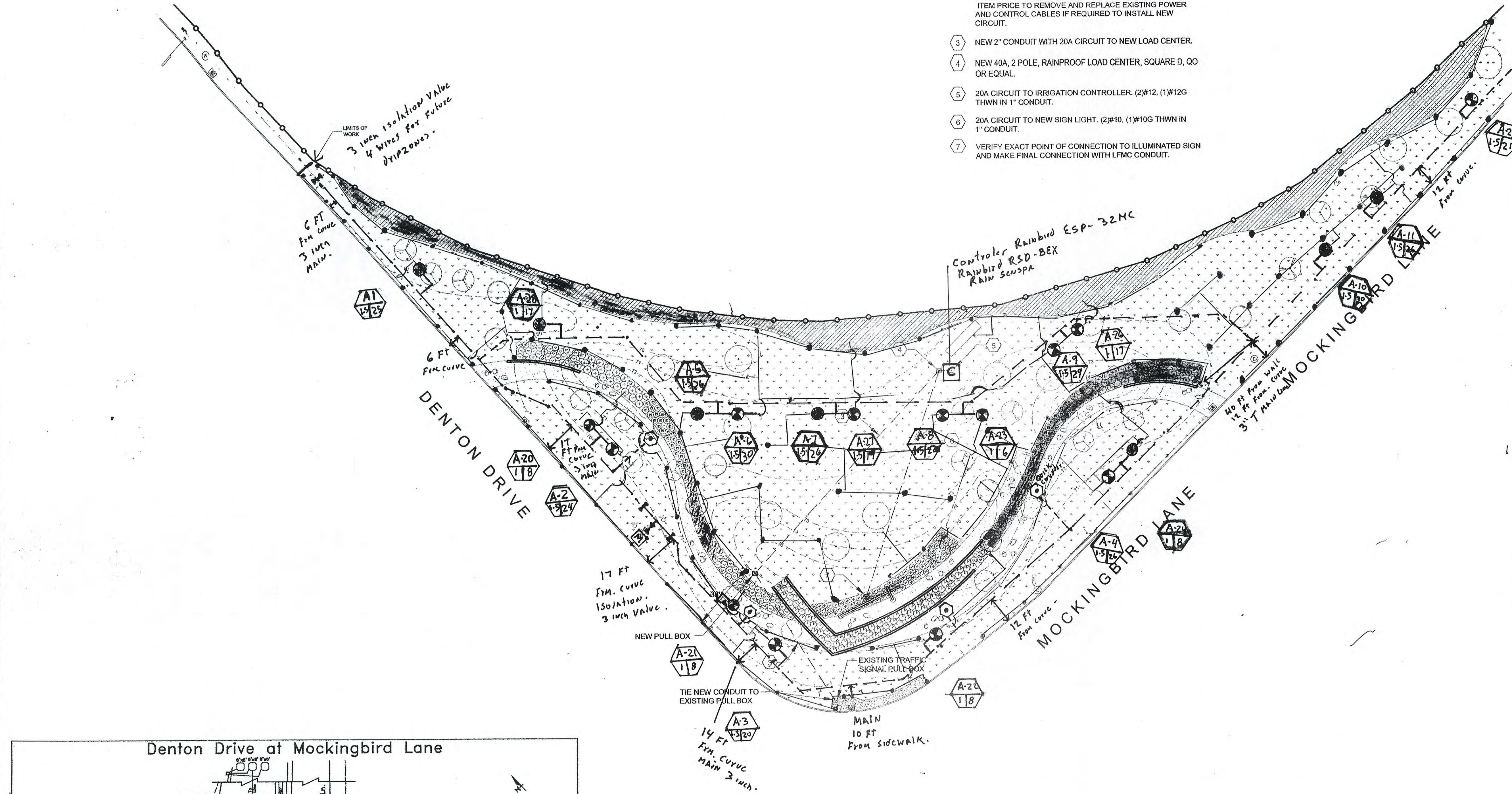
CONSTRUCTION NOTES

3 inch isolation valve
 8 wires (6 connected to old system irrigation)

HUITT-ZOLLARS
 Dallas, Texas
 1717 McKinney Avenue, Suite 7202-1236
 Dallas, Texas 75242-2669
 Phone (214) 371-3311 Fax (214) 871-0757
 Firm Registration No. 7861



DALLAS LOVE FIELD
 LANDSCAPE PACKAGE
 MOCKINGBIRD LANE AT DENTON DRIVE
 PHASE 1
 DALLAS, TEXAS

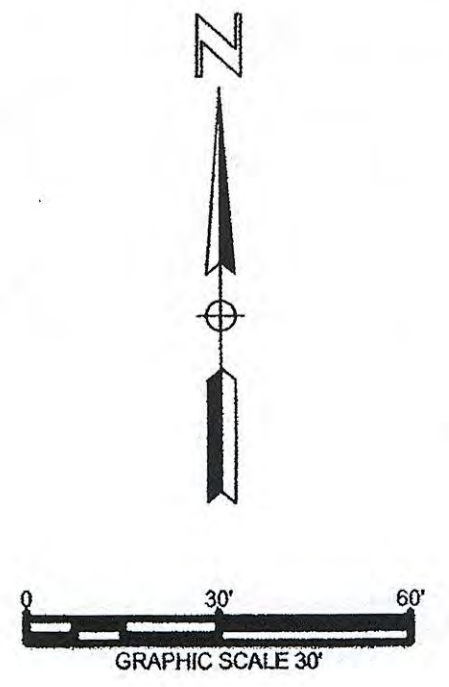


GRAPHIC SCALE 50'
 "AS-BUILT" DRAWING
 CITY OF DALLAS
 DEPARTMENT OF PUBLIC WORKS
 AND TRANSPORTATION
 DRAWN BY: JT
 CHECKED BY: JT
 DATE: 02/09/11
 SCALE: 1" = 30'
 SHEET: 16 OF 17

ILLUMINATION QUANTITY TABULATION

Sheet Number	LOCATION	ITEM NUMBERS										
		UNISTRUT RACK	PULL BOX	#6 INSULATED WIRE	#10 INSULATED WIRE	#12 INSULATED WIRE	100A LOAD CENTER	40A LOAD CENTER	1" PVC CONDUIT	2" PVC CONDUIT	1" GRS CONDUIT	GROUND ROD
		EA	EA	LF	LF	LF	EA	EA	LF	LF	LF	EA
L-4101	Mockingbird Lane at Denton Drive (1)	1	3	1200	450	15	1	1	150	400	25	1
TOTALS		1	3	1200	450	15	1	1	150	400	0	1

AS-BUILT



PROJECT NUMBER: 01409801
 CAD FILE NAME: 4100 Elect.dwg
 DRAWN BY: RV
 CHECKED BY: BH
 COPYRIGHT: HUITT-ZOLLARS, INC. 2011
 DATE: 03/06/2012

IRRIGATION PLAN

L-4101
 SHEET 16 OF 17

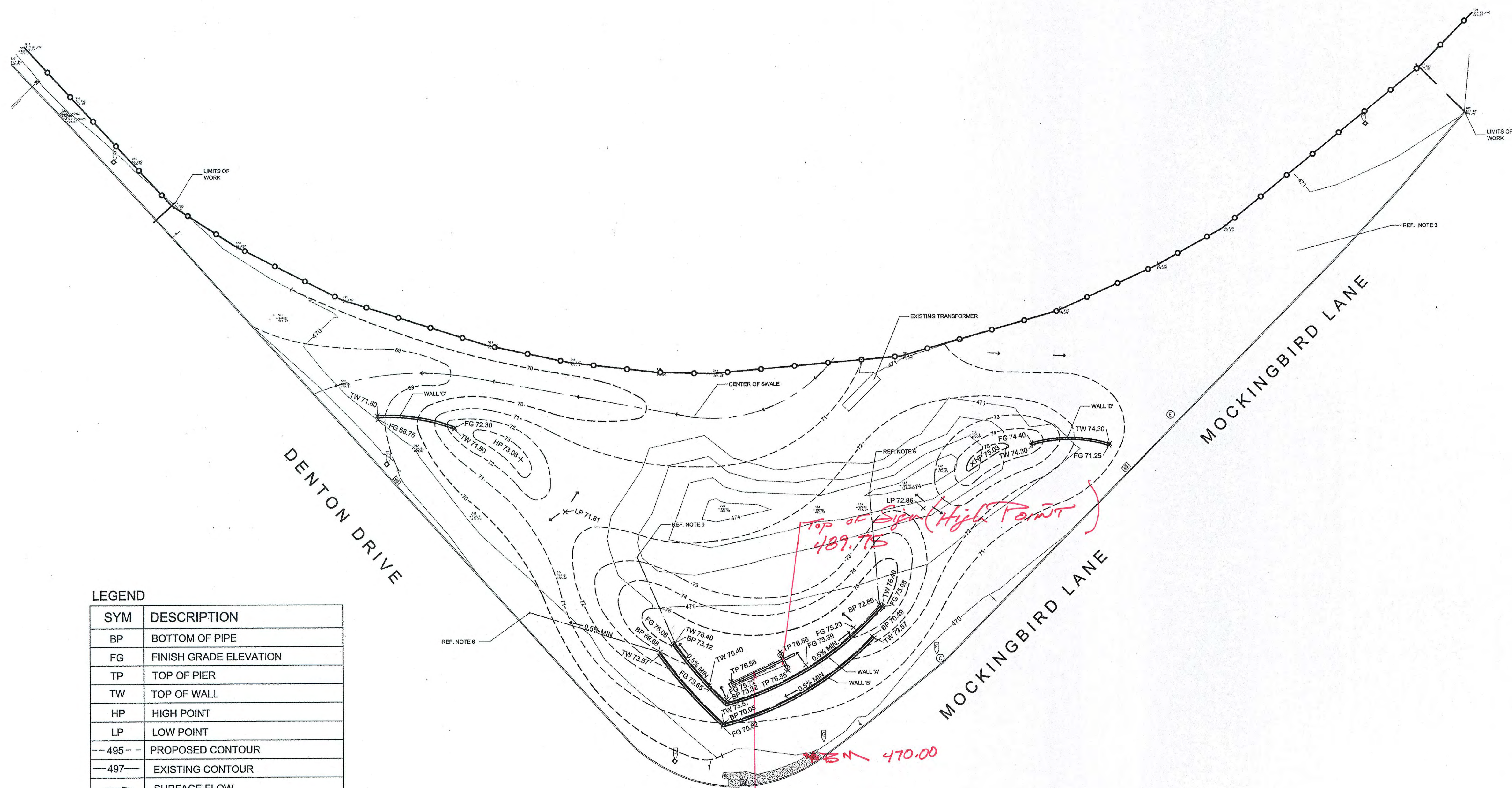
HUIT-ZOLLARS
 Dallas
 Huit-Zollars, Inc.
 1717 McKinney Avenue, Suite 7502C-1238
 Dallas, Texas 75205-1238
 Phone (214) 871-3311 Fax (214) 871-0757
 Firm Registration No. F-761



DALLAS LOVE FIELD
 LANDSCAPE PACKAGE
 MOCKINGBIRD LANE AT DENTON DRIVE
 PHASE 1
 DALLAS, TEXAS

MARK	DATE	DESCRIPTION
09/18/12	MM/DD/YY	ISSUED FOR CONSTRUCTION

PROJECT NUMBER:	01409801
CAD FILE NAME:	1200 Grading.dwg
DRAWN BY:	J. HOLBA
CHECKED BY:	C. SCOTT
COPYRIGHT:	HUIT-ZOLLARS, INC. 2011
DATE:	09/18/2012
SHEET TITLE	GRADING PLAN
SHEET	L-1201
OF	17



LEGEND

SYM	DESCRIPTION
BP	BOTTOM OF PIPE
FG	FINISH GRADE ELEVATION
TP	TOP OF PIER
TW	TOP OF WALL
HP	HIGH POINT
LP	LOW POINT
- - 495 - -	PROPOSED CONTOUR
- - 497 - -	EXISTING CONTOUR
→	SURFACE FLOW
---	DRAIN LINE

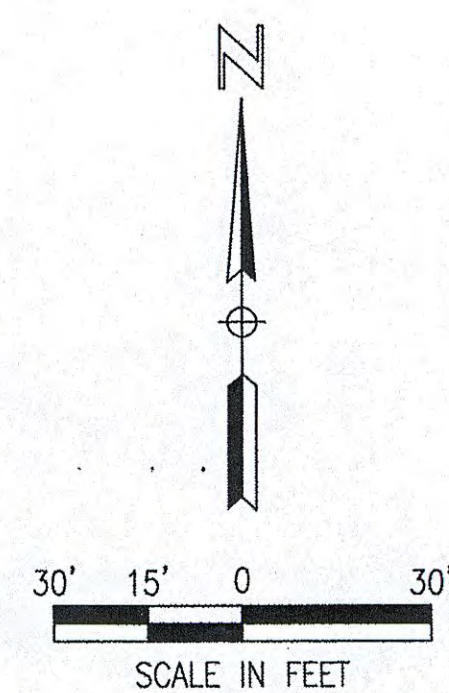
- NOTES**
- ROUGH GRADING SHALL BE ACCOMPLISHED TO WITHIN ±0.2 FEET OF PLAN ELEVATION AFTER ADJUSTMENT FOR FINISH THICKNESS.
 - CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES PER DEMOLITION / EROSION CONTROL PLANS AND SWPPP.
 - ALL GRADES SHALL BE FINISHED TO A SMOOTH FLOWING CONTOUR, MAINTAINING EXISTING FLOW PATTERNS UNLESS INSTRUCTED OTHERWISE.
 - ADJUST EXISTING UTILITIES TO REMAIN TO NEW FINISHED GRADES.
 - FOR WALL ELEVATIONS DESIGN AND GRADING CLARITY, REF. SHEET L-1402.
 - RUN 4" PVC TO CLEAR AT A MINIMUM 0.5%. REFERENCE WALL DETAIL B ON SHEET L-1401.

AS-BUILT

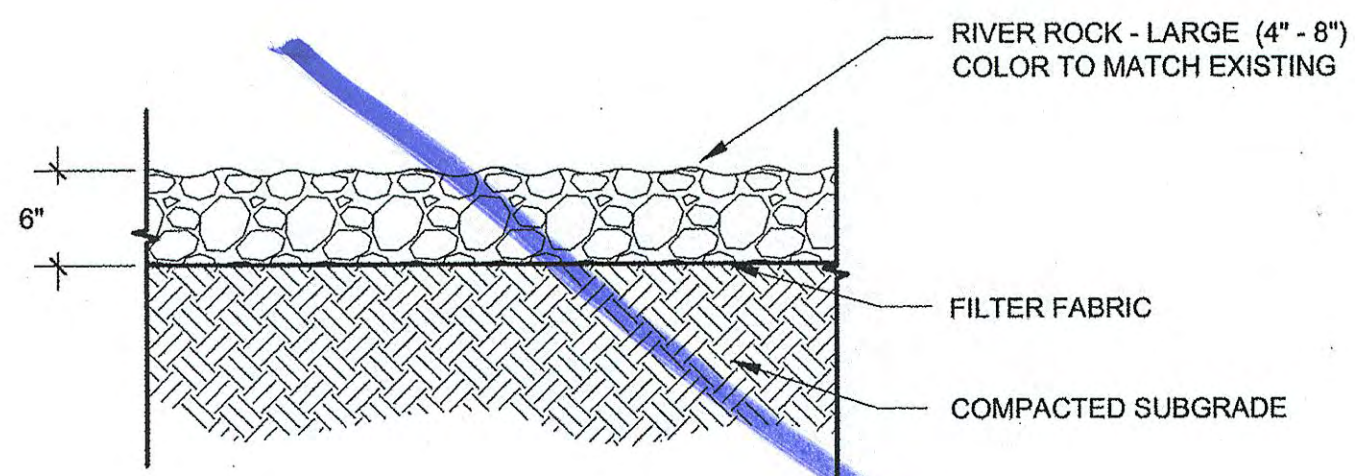
CAUTION !!!
 EXISTING PHONE, GAS, ELECTRICAL AND CATV LINES IN PROJECT AREA. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. NOTIFY THE FOLLOWING UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

CONTACT DIG TESS:	1-800-344-8377
AT&T BROADBAND	1-800-344-8377
AT&T	1-800-344-8377
T.X.U. ENERGY (ELECTRIC):	1-800-344-8377
T.X.U. ENERGY (GAS):	1-800-344-8377
TEXAS ONE CALL:	1-800-245-4545
DALLAS WATER UTILITIES	
WATER UTILITIES DISTRIBUTION DIVISION:	1-214-670-8042
WASTEWATER COLLECTION DIVISION:	1-214-670-8003

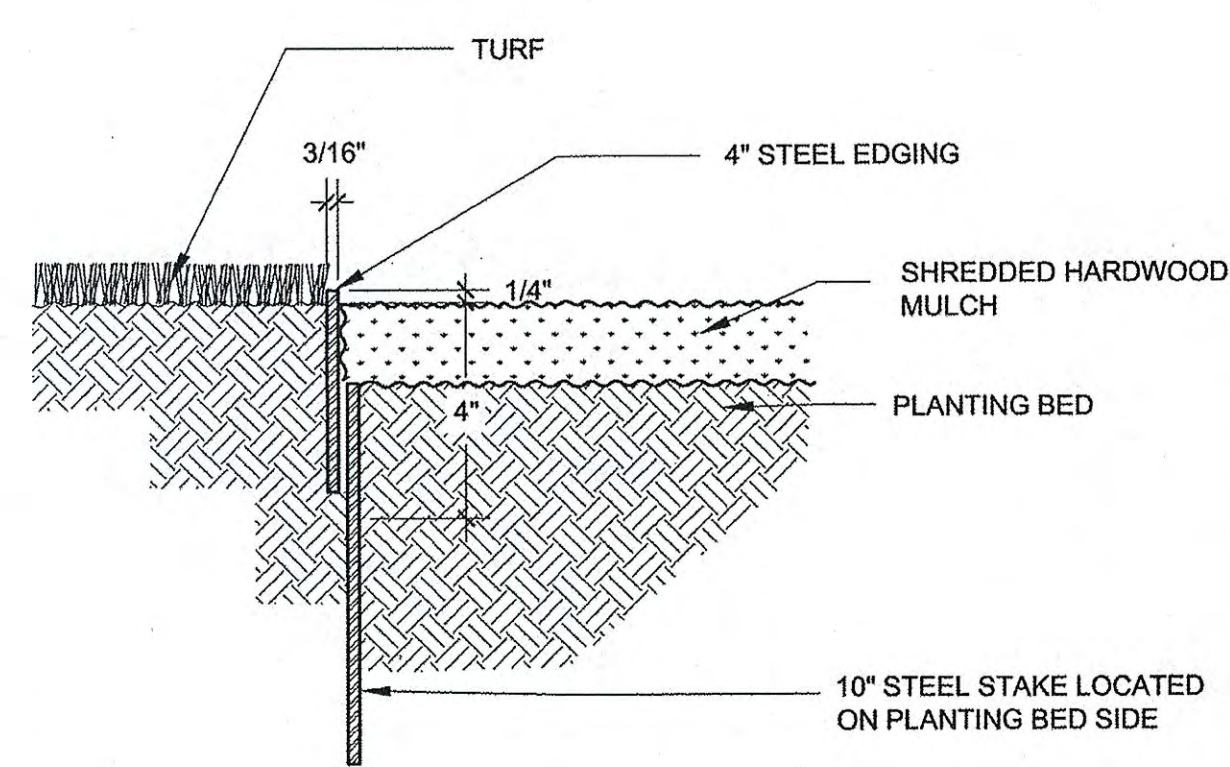
REVIEWED BY ENGINEERING
 OCT 17 2012
Sam Alford
 REVIEWER



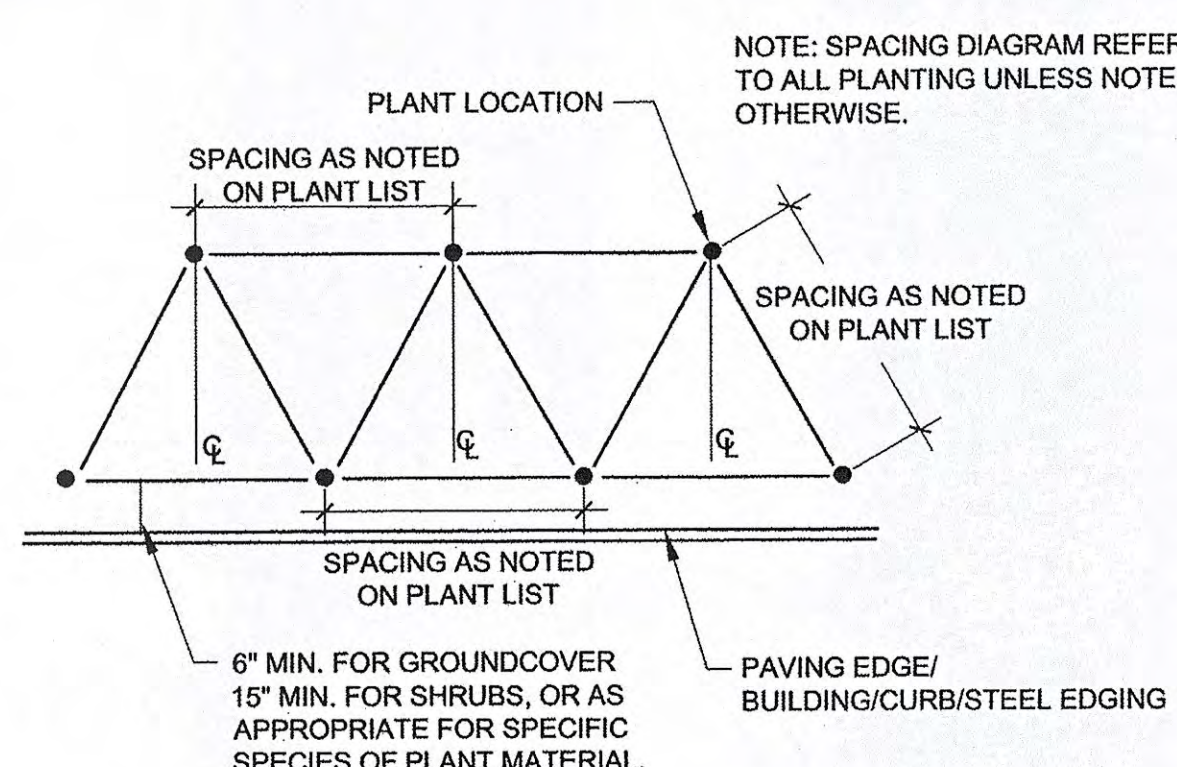
AS-BUILT



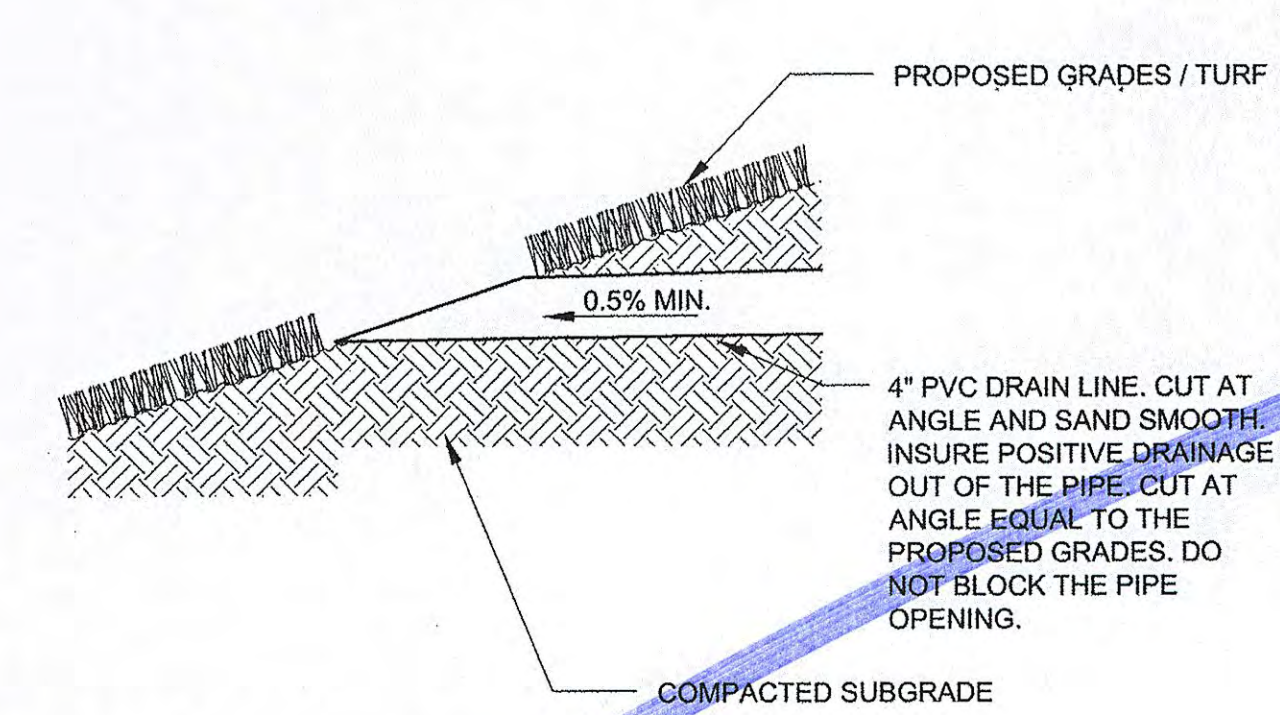
1 RIVER ROCK
SCALE: 1" = 1'-0"



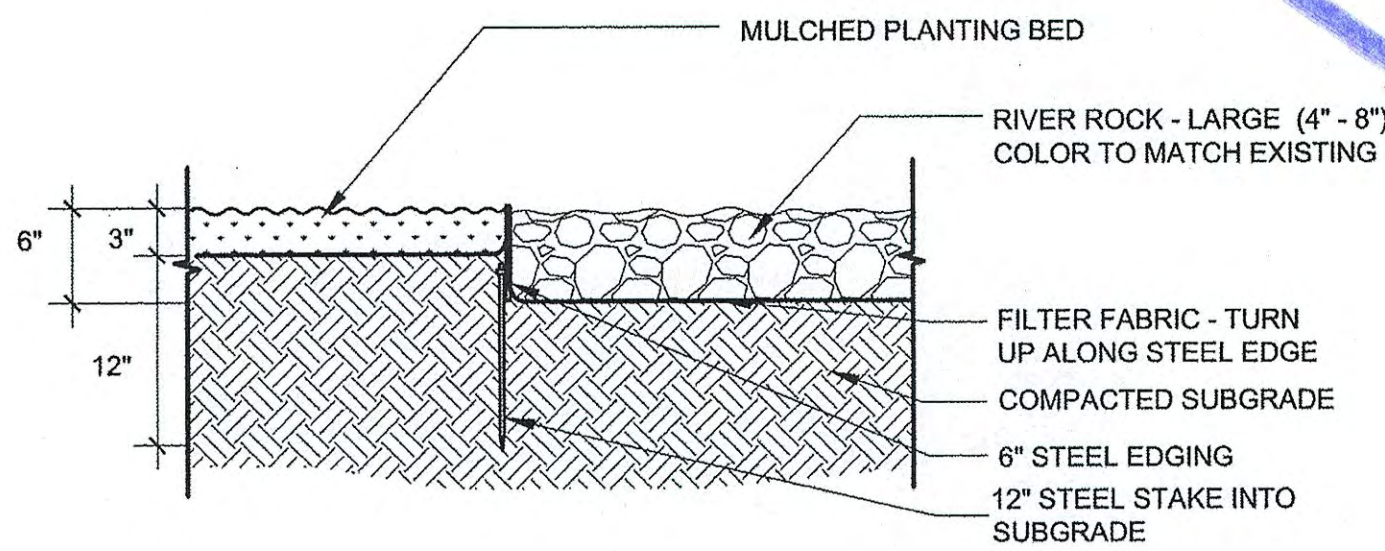
5 4" STEEL EDGE DETAIL
SCALE: NTS



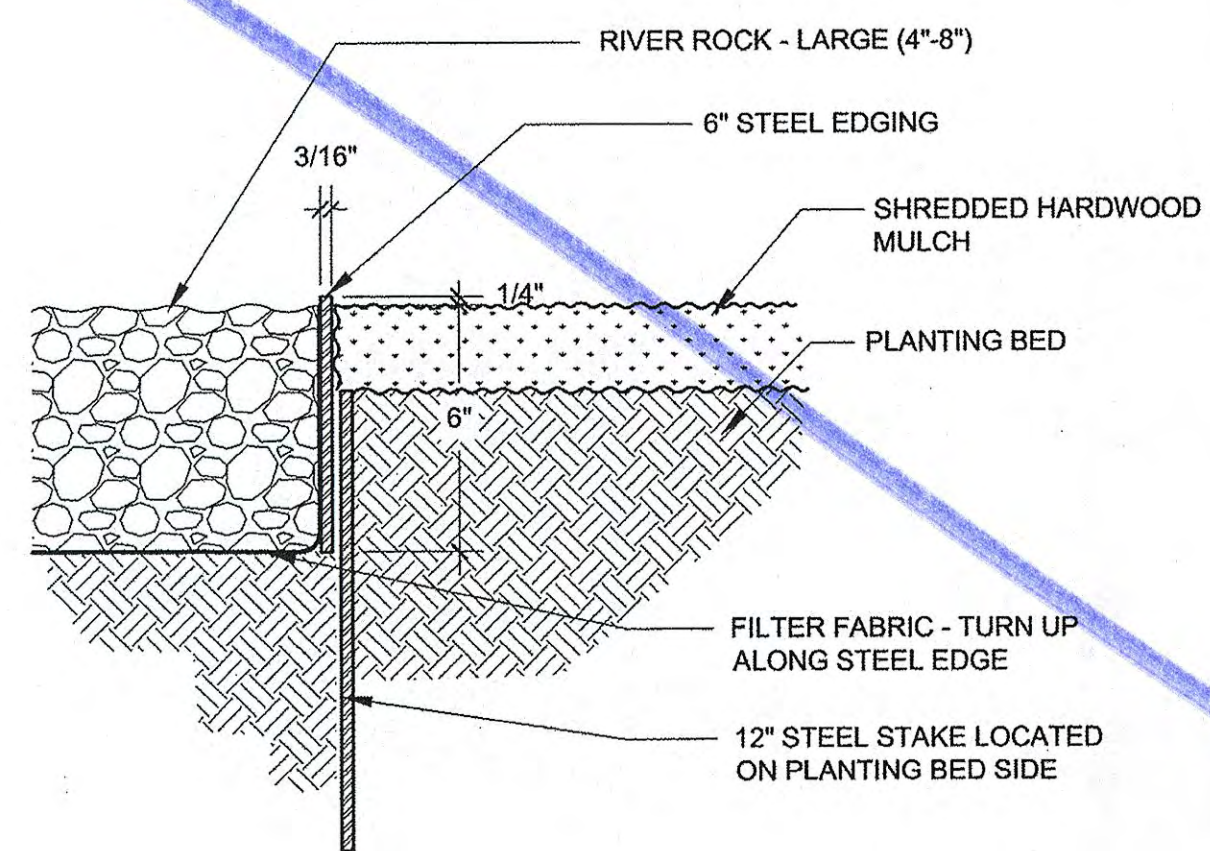
9 TRIANGULAR SPACING DETAIL
SCALE: NTS



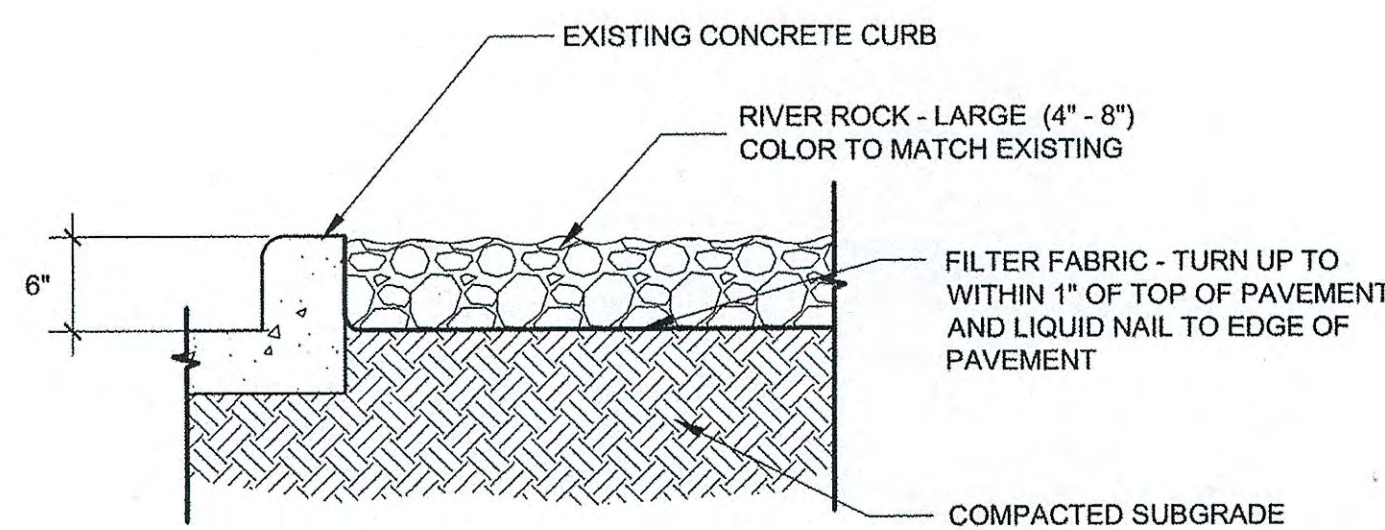
10 DRAIN PIPE DETAIL
SCALE: 1" = 1'-0"



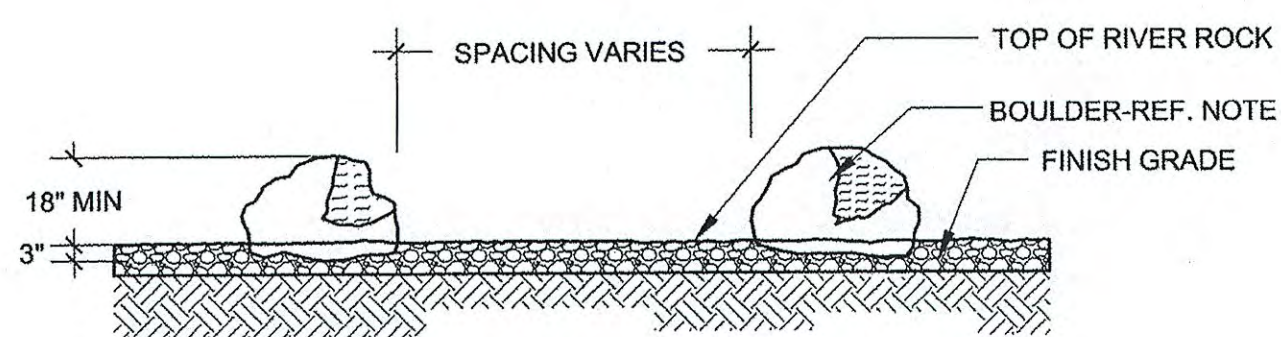
2 RIVER ROCK @ PLANTING BED
SCALE: 1" = 1'-0"



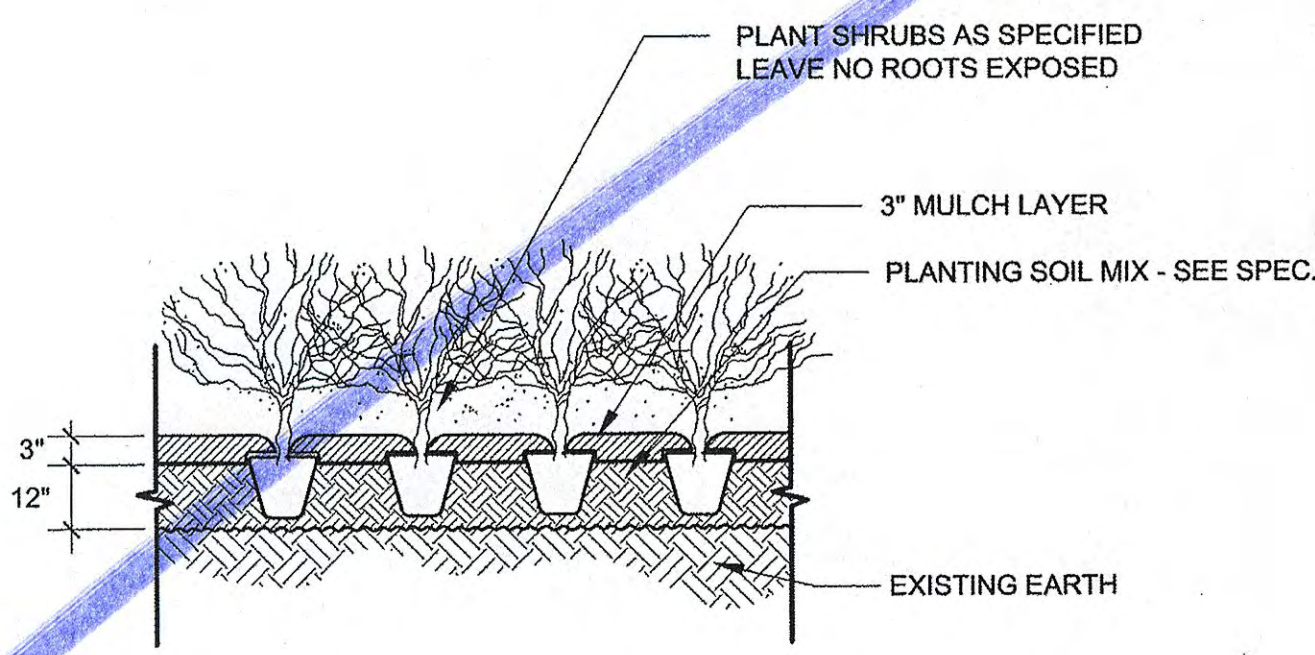
6 6" STEEL EDGE DETAIL
SCALE: NTS



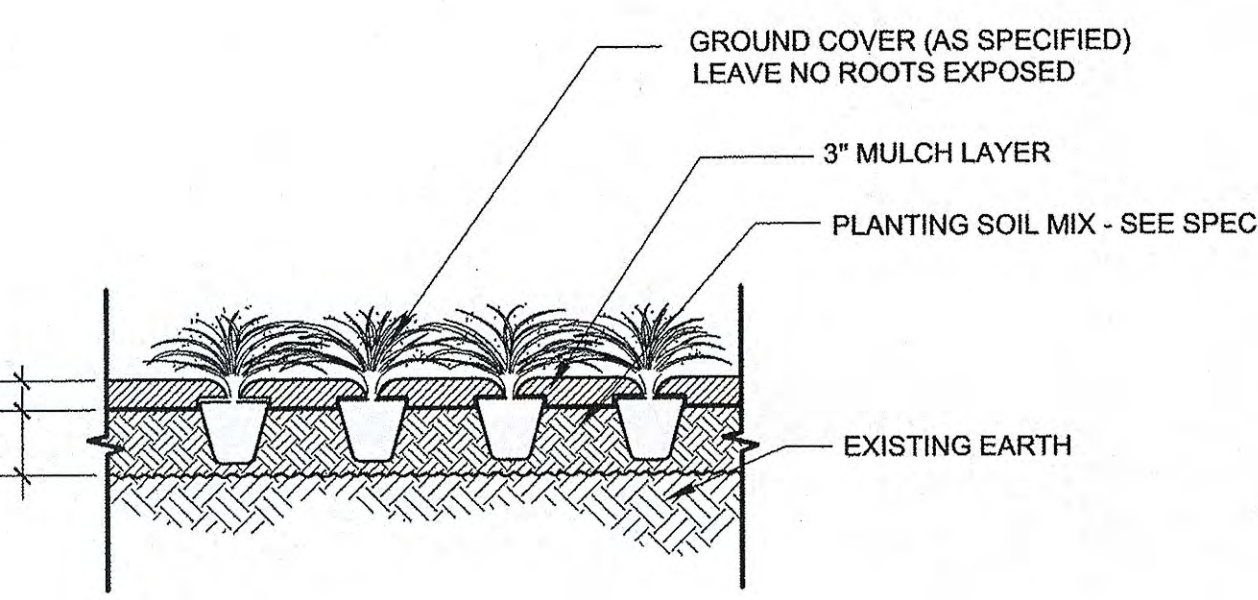
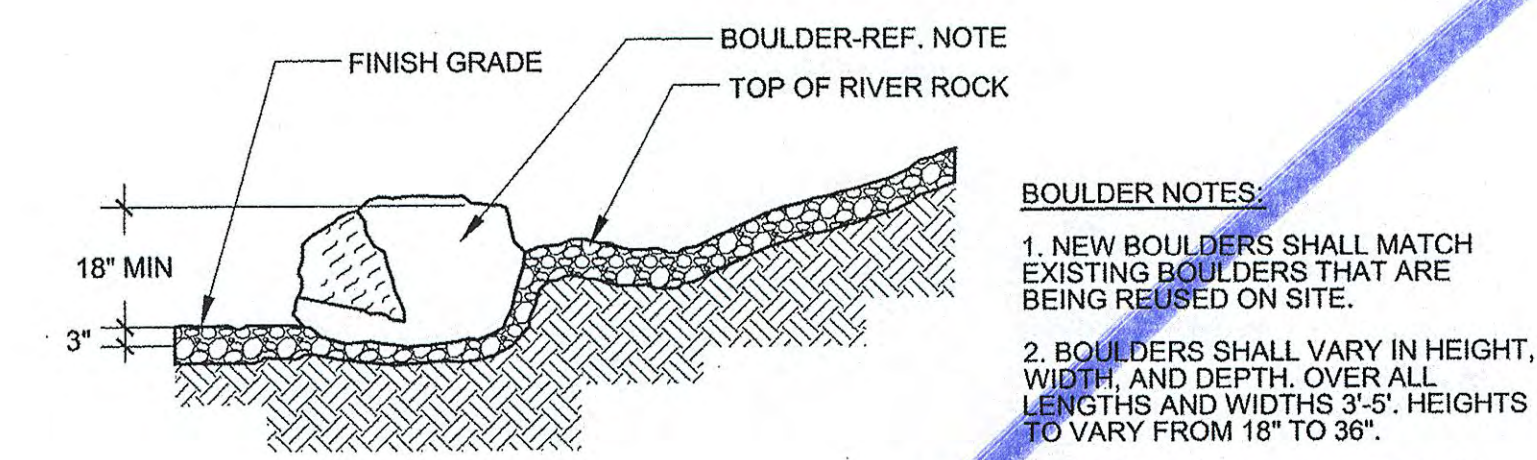
3 RIVER ROCK @ CURB EDGE
SCALE: 1" = 1'-0"



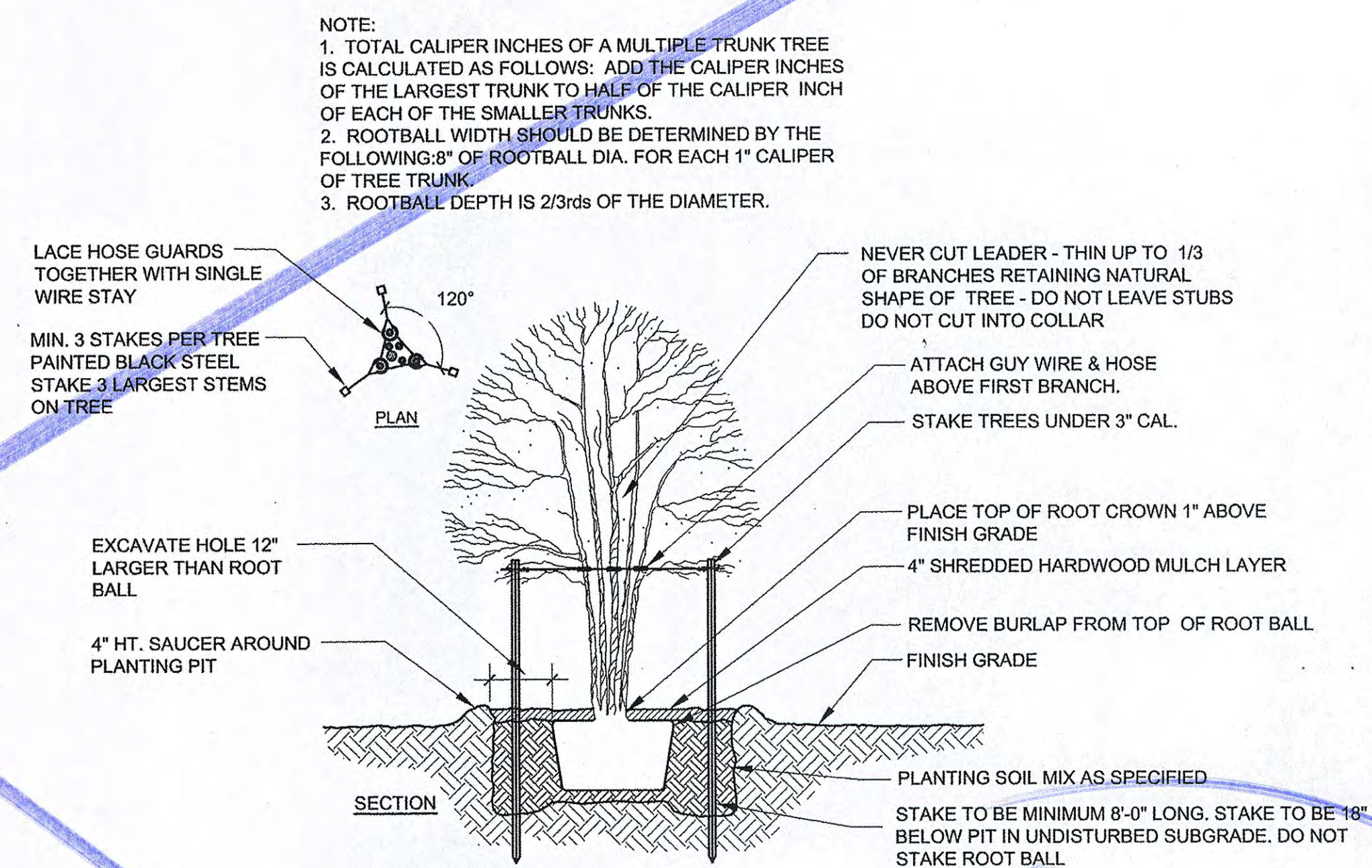
4 BOULDER DETAIL
SCALE: NTS



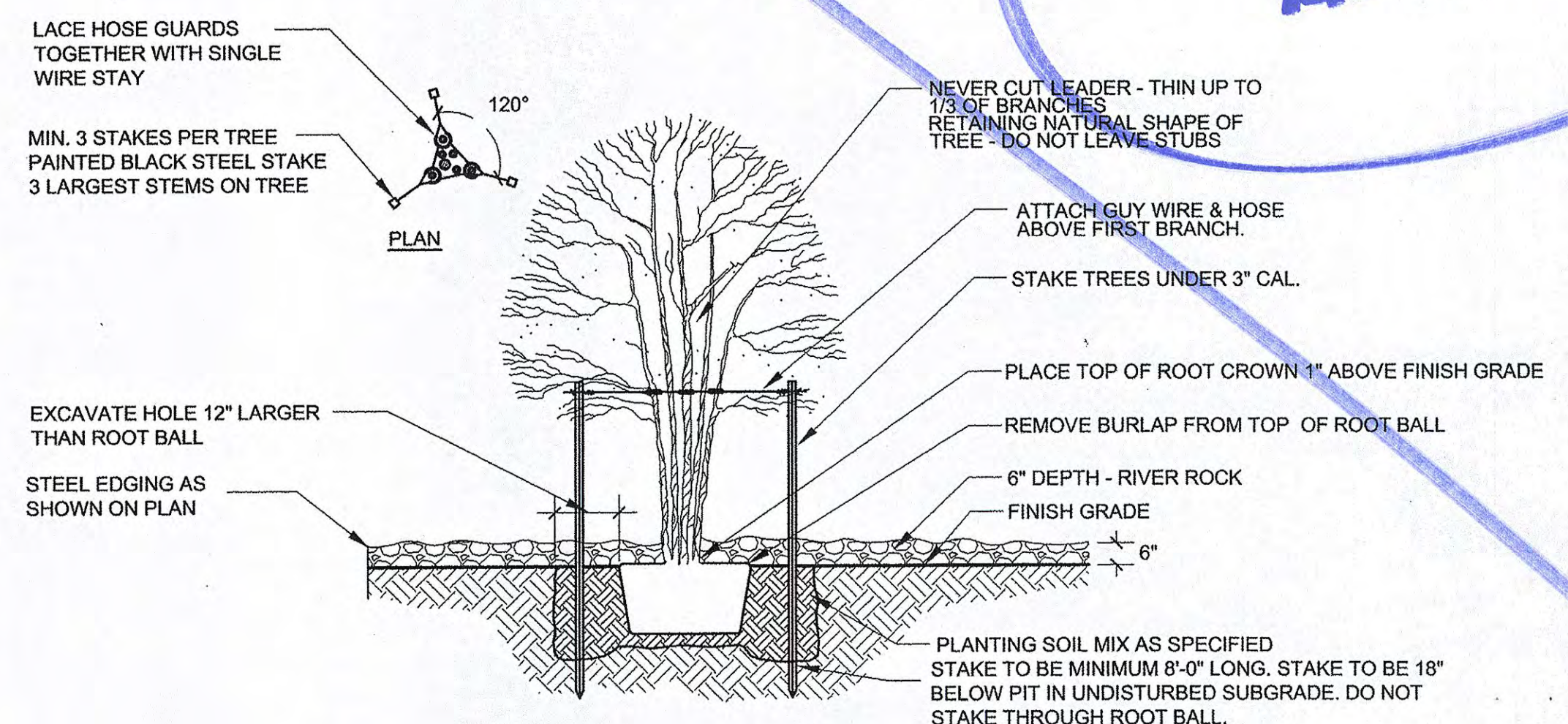
7 SHRUB PLANTING
SCALE: NTS



8 GROUNDCOVER PLANTING
SCALE: NTS



11 MULTI-STEM TREE PLANTING
SCALE: NTS



12 MULTI-STEM TREE PLANTING IN RIVER ROCK
SCALE: NTS

REF COVER FOR LANDSCAPE NOTES.

HUIT-ZOLLARS
Huit-Zollars, Inc. Dallas
1717 McKinney Avenue, Suite 750, DC-126
Dallas, Texas 75201-2488
Phone (214) 971-3311 Fax (214) 187-0757
Firm Registration No. F-761



DALLAS LOVE FIELD
LANDSCAPE PACKAGE
MOCKINGBIRD LANE AT DENTON DRIVE
PHASE 1
DALLAS, TEXAS

MARK	ISSUED FOR CONSTRUCTION	DESCRIPTION
09/18/12	MM/DD/YY	

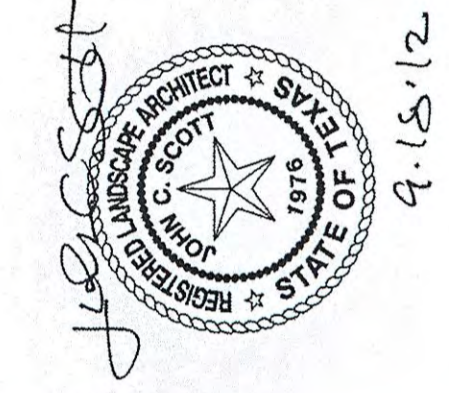
PROJECT NUMBER: 01409801
CAD FILE NAME: 1400 Details.dwg
DRAWN BY: J. HOLBA
CHECKED BY: C. SCOTT
COPYRIGHT: HUIT-ZOLLARS, INC. 2011
DATE: 09/18/2012
SHEET TITLE: LANDSCAPE DETAILS
L-1403
SHEET 9 OF 17

HUITT-ZOLLARS
 Landscape Architects
 1717 McKinney Avenue, Suite 752024236
 Dallas, Texas 75204-2489
 Phone (214) 971-3311 Fax (214) 971-0757
 Firm Registration No. P-761

FOR INFORMATION ONLY

LANDSCAPE QUANTITY TABULATION

ITEM NUMBERS		607												
Sheet Number	LOCATION	2" CALIPER TREES	8' - 10' TREES	3 GAL. SHRUBS	5 GAL. SHRUBS	1 GAL. GROUND COVER	BERMUDA SOD	4" - 8" RIVER ROCK	EXISTING BOULDERS (TO BE REMOVED)	BOULDERS	6" STEEL EDGE	4" STEEL EDGE	MULCH	
		EACH	EACH	EACH	EACH	EACH	SY	SY	EACH	EACH	LF	LF	CY	
L2101	Mockingbird Lane at Denton Drive (1)	12	36	120	217	7021	6679	604	23	20	1565	725	1011	
	TOTALS	12	36	120	217	7021	6679	604	23	20	1565	725	1011	



PLANT SCHEDULE

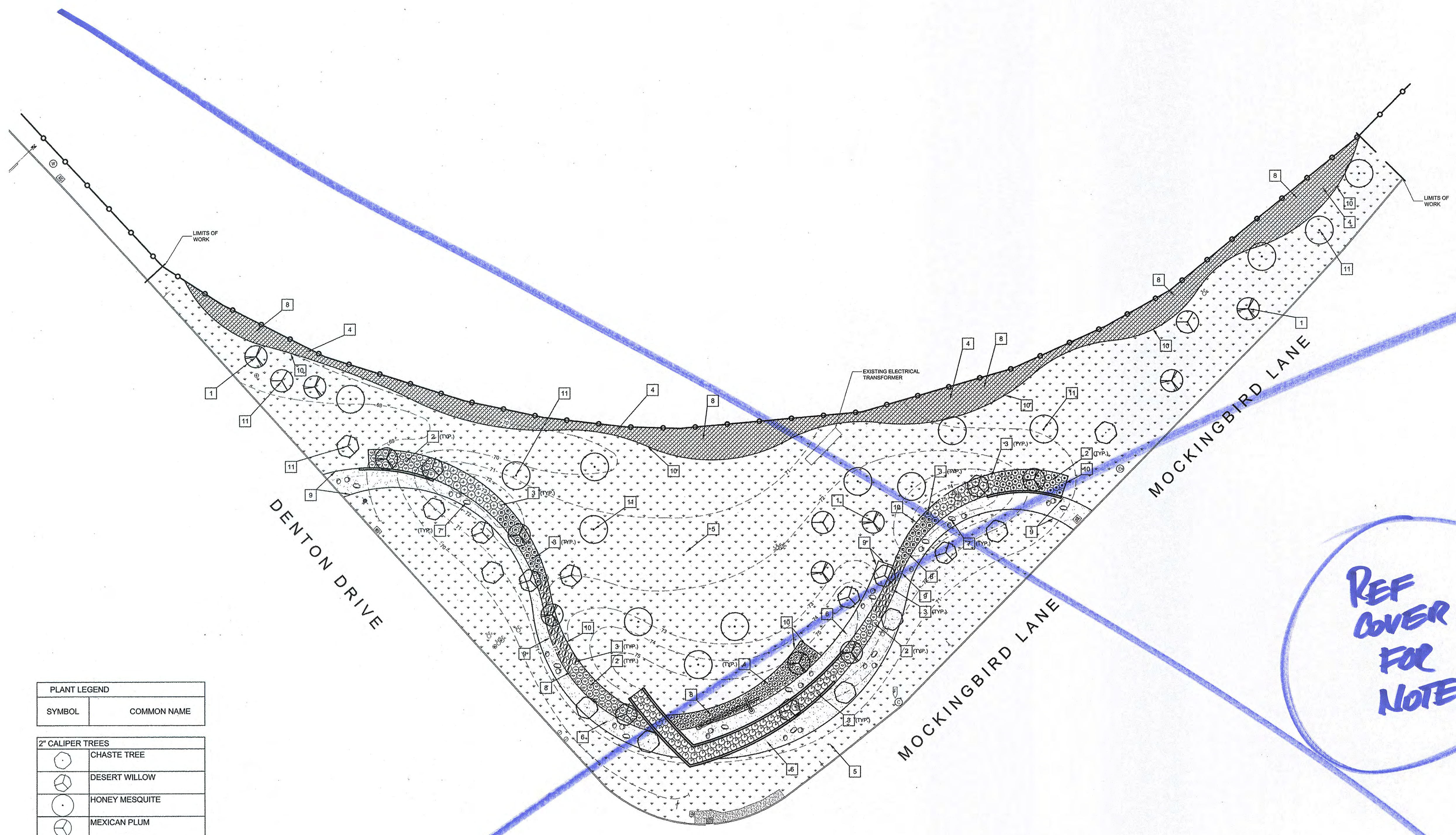
SYMBOL	COMMON NAME	BOTANICAL NAME	BASE BID QTY	SIZE	FOLIAGE	REMARKS
2" CALIPER TREES						
⊙	CHASTE TREE	Vitex agnus-castus	8	8' - 10' HT.	DECIDUOUS	MULTI-TRUNK
⊙	DESERT WILLOW	Chilopsis linearis	11	8' - 10' HT.	DECIDUOUS	MULTI-TRUNK
⊙	HONEY MESQUITE	Prosopis glandulosa	14	8' - 10' HT.	DECIDUOUS	MULTI-TRUNK
⊙	MEXICAN PLUM	Prunus mexicana	3	8' - 10' HT.	DECIDUOUS	SINGLE-TRUNK
⊙	TEXAS REDBUD	Cercis canadensis var. 'Texensis'	12	2" CAL.	DECIDUOUS	SINGLE TRUNK
3 GAL. SHRUBS						
⊙	GULF MUHLY GRASS	Muhlenbergia capillaris	83	3 gal.	EVERGREEN	24" ON CENTER SPACING
⊙	LINDHEIMER MUHLY GRASS	Muhlenbergia lindheimeri	37	3 gal.	EVERGREEN	24" ON CENTER SPACING
5 GAL. SHRUBS						
⊙	KNOCKOUT ROSE	Rosa spp.	78	5 gal.	DECIDUOUS	36" ON CENTER SPACING
⊙	RED YUCCA	Hesperaloe parviflora	41	5 gal.	EVERGREEN	36" ON CENTER SPACING
⊙	SOFT LEAF YUCCA	Yucca recurvifolia	48	5 gal.	EVERGREEN	36" ON CENTER SPACING
⊙	TEXAS SILVERLEAF	Leucophyllum frutescens	50	5 gal.	EVERGREEN	36" ON CENTER SPACING
1 GAL. GROUND COVER						
⊙	MEXICAN FEATHERGRASS	Nassella tenuissima	93	1 gal.	SEMI-EVERGREEN	24" ON CENTER SPACING
⊙	WEEPING LOVE GRASS	Eragrostis curvula	6928	1 gal.	SEMI-EVERGREEN	12" ON CENTER SPACING
TURF						
⊙	TURF	Bermuda Tifway 419	6,679 SY	1 1/2" MAT		SOD
AGGREGATES AND BOULDERS						
⊙	RIVER ROCK (4" - 8")		604 SY	4"-8" LARGE		
⊙	EXISTING BOULDERS		16	2' X 3' X 18" MIN.		STORE ON SITE
⊙	MOSS BOULDERS		20	2' X 3' X 18" MIN.		MATCH EXISTING

REF
COVER
FOR
NOTES.

DALLAS LOVE FIELD
 LANDSCAPE PACKAGE
 MOCKINGBIRD LANE AT DENTON DRIVE
 PHASE 1
 DALLAS, TEXAS

MARK	DATE	DESCRIPTION
	09/18/12	ISSUED FOR CONSTRUCTION

PROJECT NUMBER: 01409801
CAD FILE NAME: 2100 Planting.dwg
DRAWN BY: J. HOLBA
CHECKED BY: C. SCOTT
COPYRIGHT: HUITT-ZOLLARS, INC. 2011
DATE: 09/18/2012
SHEET TITLE PLANTING TABULATIONS
L-2100
SHEET 10 OF 17



CONSTRUCTION NOTES

- 1 2" CALIPER TREES
- 2 3 GAL. SHRUBS
- 3 5 GAL. SHRUBS
- 4 1 GAL. GROUNDCOVER
- 5 BERMUDA SOD
- 6 4" - 8" RIVER ROCK
- 7 BOULDERS
- 8 MULCH
- 9 6" STEEL EDGE
- 10 4" STEEL EDGE
- 11 8' - 10' TREE

HUITT-ZOLLARS
 Landscape Architects
 1717 McKinney Avenue, Suite 750202-1238
 Dallas, Texas 75204-2489
 Phone (214) 871-3311 Fax (214) 871-0757
 Firm Registration No. F-101



DALLAS LOVE FIELD
 LANDSCAPE PACKAGE
 MOCKINGBIRD LANE AT DENTON DRIVE
 PHASE 1
 DALLAS, TEXAS

PLANT LEGEND

SYMBOL	COMMON NAME
(Circle with dot)	2" CALIPER TREES
(Circle with vertical line)	CHASTE TREE
(Circle with horizontal line)	DESERT WILLOW
(Circle with diagonal line)	HONEY MESQUITE
(Circle with cross)	MEXICAN PLUM
(Circle with triangle)	TEXAS REDBUD

SYMBOL	COMMON NAME
(Circle with horizontal line)	3 GAL. SHRUBS
(Circle with vertical line)	GULF MUHLY GRASS
(Circle with diagonal line)	LINDHEIMER MUHLY GRASS

SYMBOL	COMMON NAME
(Circle with dot)	5 GAL. SHRUBS
(Circle with vertical line)	KNOCKOUT ROSE
(Circle with horizontal line)	RED YUCCA
(Circle with diagonal line)	SOFT LEAF YUCCA
(Circle with cross)	TEXAS SILVERLEAF

SYMBOL	COMMON NAME
(Circle with cross)	1 GAL. GROUNDCOVER
(Circle with vertical line)	MEXICAN FEATHERGRASS
(Circle with diagonal line)	WEEPING LOVE GRASS

SYMBOL	COMMON NAME
(Circle with horizontal line)	TURF
(Circle with vertical line)	BERMUDA TURF

SYMBOL	COMMON NAME
(Circle with dot)	AGGREGATES AND BOULDERS
(Circle with vertical line)	RIVER ROCK
(Circle with diagonal line)	MOSS BOULDERS

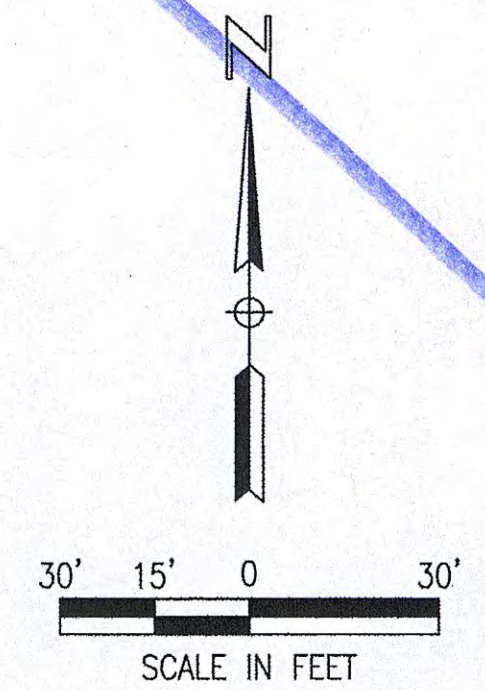
NOTES

- FOR NEW CONSTRUCTION FIRST USE ALL SALVAGED BOULDERS THAT FIT THE REQUIREMENTS STATED IN THE BOULDER DETAIL. ALL BOULDERS THAT DO NOT FIT THE STATED DETAIL REQUIREMENT MAY BE GROUDED WITH THE LARGER BOULDERS. PROVIDE ADDITIONAL MATCHING BOULDERS AS NEEDED TO SATISFY THE TOTAL AMOUNT AS REQUIRED ON PLANS.
- FOR PLANTING DETAILS REF. SHEET L-1403

CAUTION !!!
 EXISTING PHONE, GAS, ELECTRICAL AND CATV LINES IN PROJECT AREA. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. NOTIFY THE FOLLOWING UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

CONTACT DIG TESS:	1-800-344-8377
AT&T BROADBAND	1-800-344-8377
AT&T	1-800-344-8377
T.X.U. ENERGY (ELECTRIC):	1-800-344-8377
T.X.U. ENERGY (GAS):	1-800-344-8377
TEXAS ONE CALL:	1-800-245-4545
DALLAS WATER UTILITIES	1-214-670-8042
WATER UTILITIES DISTRIBUTION DIVISION:	1-214-670-8003
WASTEWATER COLLECTION DIVISION:	1-214-670-8003

REF COVER FOR NOTES.



DATE	DESCRIPTION
09/18/12	ISSUED FOR CONSTRUCTION
	MM/DD/YY
	MARK

PROJECT NUMBER: 01409801
 CAD FILE NAME: 2100 Planting.dwg
 DRAWN BY: J. HOLBA
 CHECKED BY: C. SCOTT
 COPYRIGHT: HUITT-ZOLLARS, INC. 2011
 DATE: 09/18/2012
 SHEET TITLE: **PLANTING PLAN**
L-2101
 SHEET 11 OF 17

IRRIGATION QUANTITY TABULATION															
ITEM NUMBERS															
Sheet Number	LOCATION	3" SH 40 PVC MAIN	1.5" PVC LATERAL	1.25" PVC LATERAL	1" PVC LATERAL	3/4" PVC LATERAL	1/2" PVC LATERAL	2" SCH 40 PVC SLEEVE	DRIP LINES	1.5" CONTROL VALVE	1" CONTROL VALVE	ISOLATION VALVE	MPROTATOR	QUICK COUPLER	32 STATION CONTROLLER ON PEDESTAL
		LF	LF	LF	LF	LF	LF	LF	LF	LF	EACH	EACH	EACH	EACH	EACH
L-3101	Mockingbird Lane at Denton Drive (1)	1,485	350	59	792	1,404	1,308	56	10,040	23	5	3	139	4	1
TOTALS		1,485	350	59	792	1,404	1,308	56	10,040	23	5	3	139	4	1

IRRIGATION NOTES

- LATERAL AND MAINLINE LAYOUT IS DIAGRAMMATIC FOR CLARITY PURPOSES. ADJUST COMPONENTS AND LINE LOCATIONS ON SITE TO ACCOMMODATE EXISTING JOB CONDITIONS AND TO AVOID CONFLICTS WITH OTHER UTILITIES AND STRUCTURES. CONTRACTOR SHALL PROVIDE COMPLETE AUTOMATED IRRIGATION COVERAGE TO ALL NEW PLANT MATERIAL UPON SUBSTANTIAL PROJECT COMPLETION.
- CONTRACTOR MUST HAVE ON THE JOB SITE, A PAPER OR ELECTRONIC COPY OF THE IRRIGATION PLAN AT ALL TIMES DURING INSTALLATION OF THE IRRIGATION SYSTEM.
- EITHER A LICENSED IRRIGATOR OR A LICENSED IRRIGATOR TECHNICIAN SHALL BE ON SITE AT ALL TIMES WHILE THE LANDSCAPE IRRIGATION SYSTEM IS BEING INSTALLED. WHEN A LICENSED IRRIGATOR IS NOT ON SITE, THE LICENSED IRRIGATOR SHALL BE RESPONSIBLE FOR ENSURING THAT A LICENSED IRRIGATION TECHNICIAN IS ON SITE TO SUPERVISE THE INSTALLATION OF THE IRRIGATION SYSTEM.
- CONTRACTOR SHALL VERIFY EXISTING WATER SOURCE CONNECTIONS FUNCTION PROPERLY AT ALL POINTS OF CONNECTION AND SHALL VERIFY METER AND BACKFLOW PREVENTER MEET CURRENT LOCAL CODES AND REGULATIONS AT TIME OF CONNECTION. THE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING EXISTING EQUIPMENT OR INSTALLING NEW METER AND/OR BACKFLOW PREVENTER IF REQUIRED.
- ALL MAINLINE PIPING SHALL BE BURIED AT A MINIMUM COVER OF 12". ALL LATERAL PIPING DOWNSTREAM OF THE MAINLINE SHALL BE BURIED AT A MINIMUM COVER OF 8"
- CONTRACTOR SHALL COORDINATE THE RE-LOCATION OF THE EXISTING CONTROLLER WITH THE ATTACHED RAIN SENSOR WITH CITY'S REPRESENTATIVE. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADJUSTED POWER CONNECTION TO THE CONTROLLER'S NEW LOCATION. ELECTRICAL WORK TO BE INSTALLED BY A LICENSED ELECTRICIAN PER CODE.

- ALL VALVE BOX LIDS SHALL BE BROWN IN MULCHED LANDSCAPE AREAS, GREEN IN TURF AREAS, AND QUICK COUPLERS SHALL BE PURPLE.
- ALL CONTROL (HOT) WIRING FROM THE IRRIGATION CONTROLLER TO THE REMOTE CONTROL VALVES SHALL BE UF-14/1 DIRECT BURIAL (RED). NEUTRAL (COMMON) WIRE SHALL BE 12/1 DIRECT BURIAL (WHITE). CONTRACTORS SHALL INSTALL (3) SPARE CONTROL WIRES (YELLOW) FROM CONTROLLER TO THE FARTHEST CONTROL VALVE FROM CONTROLLER AND PROVIDE A MINIMUM OF TWENTY FOUR (24") INCH WIRE LOOPS IN EACH VALVE BOX. ALL WIRE SPLICES SHALL BE MADE IN VALVE BOXES ONLY USING WEATHER-PROOF GEL TYPE CONNECTORS AND SEALANT. CONTRACTOR TO ADJUST CONTROL WIRE SIZING FOR ALL LONG WIRING RUNS TO ENSURE PROPER IRRIGATION CONTROL VALVE AND CONTROLLER OPERATION.
- DESIGN BASED ON AVAILABLE PRESSURE OF 60 PSI AT P.O.C CONTRACTOR SHALL VERIFY ACTUAL STATIC PRESSURE AT P.O.C PRIOR TO STARTING WORK AND NOTIFY OWNER'S REPRESENTATIVE IF PRESSURE IS LESS THAN 60 PSI. IF STATIC PRESSURE IS GREATER THAN 85 PSI CONTRACTOR SHALL INSTALL A PRESSURE REGULATING VALVE AFTER THE METER SET AT 70-PSI.
- ALL IRRIGATION INSTALLATIONS SHALL CONFORM TO LOCAL CODES AND REGULATIONS. HYDROSTATIC PRESSURE TEST ALL MAINLINE PIPING, CHARGING THE SYSTEM TO 150 PSI AND HOLDING FOR 30 MINUTES. MINIMUM PRESSURE LOSS TO BE 5 PSI OVER THE COURSE OF 30 MINUTES. PRESSURE LOSS EXCEEDING 5 PSI WILL REQUIRE RE-TESTING OF THE AFFECTED MAINLINE SECTION(S) UNTIL ADEQUATE RESULTS ARE ACHIEVED. TEST TO BE VERIFIED ON SITE BY PROJECT ENGINEER OR CITY'S REPRESENTATIVE.
- CONTRACTOR TO VERIFY THAT GRAPHICALLY INDICATED SLEEVING IS INSTALLED AND READY FOR USE PRIOR TO BEGINNING WORK. PROVIDE WALL PENETRATION SLEEVES PRIOR TO COMPLETION OF IRRIGATION WORK. CONTRACTOR SHALL CUP AND CAP ALL SLEEVING MARKERS AND SLEEVES NOT USED TO 6" BELOW FINISHED GRADE.

- BEFORE COVERING IRRIGATION TRENCHES, CONTRACTOR SHALL VERIFY ALL TRENCHES ARE CLEARED FROM DEBRIS INCLUDING LOOSE FITTINGS, ROCKS, PIECES OF PVC PIPE, PLASTIC, GLASS, METAL, ETC.
- AT COMPLETION OF PROJECT, CONTRACTOR TO PROVIDE A FULL SET OF AS-BUILT IRRIGATION PLANS CLEARLY NOTING AND LABELING INSTALLED COMPONENTS AND IRRIGATION PLANS. CONDUCT TRAINING AND OPERATION ORIENTATION MEETING WITH OWNER'S REPRESENTATIVE AND/OR MAINTENANCE PERSONNEL PRIOR TO PROJECT COMPLETION. PROVIDE OWNER WITH A COMPLETE SET OF AS-BUILT IRRIGATION PLANS AND ANY NECESSARY SYSTEM OPERATION TOOLS. CONTRACTOR TO PROVIDE A MAINTENANCE CHECKLIST WHICH INCLUDES BUT IS NOT LIMITED TO MANUFACTURER'S MANUAL FOR AUTOMATIC CONTROLLERS, A SEASONAL WATERING SCHEDULE, A LIST OF COMPONENTS THAT REQUIRE MAINTENANCE, AND THE STATEMENT MENTIONED UNDER THE TCEQ'S CHAPTER 344.63- LANDSCAPE IRRIGATION REGULATIONS.
- CONTRACTOR TO PROVIDE COMPLETE OPERATIONAL IRRIGATION SYSTEM ENSURING PROPER CONNECTION BETWEEN ALL ELECTRIC VALVES AND CONTROLLERS. CONTRACTOR TO PROVIDE ALL REQUIRED AS-BUILT INFORMATION INCLUDING GPM FOR EACH VALVE, POINT OF CONNECTION IF APPLICABLE, AND CONTROLLER NUMBER, WITH OWNER'S REPRESENTATIVE DESIGNEE.
- NOTIFY OWNER'S REPRESENTATIVE IF EXISTING SYSTEM IS NOT WORKING PROPERLY. REPAIR EXISTING SYSTEM WHERE DAMAGE OCCURS DURING OR IN PREPARATION LANDSCAPE INSTALLATION.
- IN LOCATIONS WHERE EXISTING IRRIGATION SYSTEM REQUIRES ADJUSTMENT OR RESTORATION, WORK SHALL INCLUDE BUT NOT BE LIMITED TO ADJUSTING SPRINKLER HEAD HEIGHT TO NEW FINISHED GRADE, REPLACING NOZZLES TO COVER NEW AND EXISTING PLANT MATERIAL, CAPPING SPRINKLER HEADS WHERE NOT NEEDED, AND MOVING SPRINKLER HEADS TO OPTIMUM LOCATIONS.

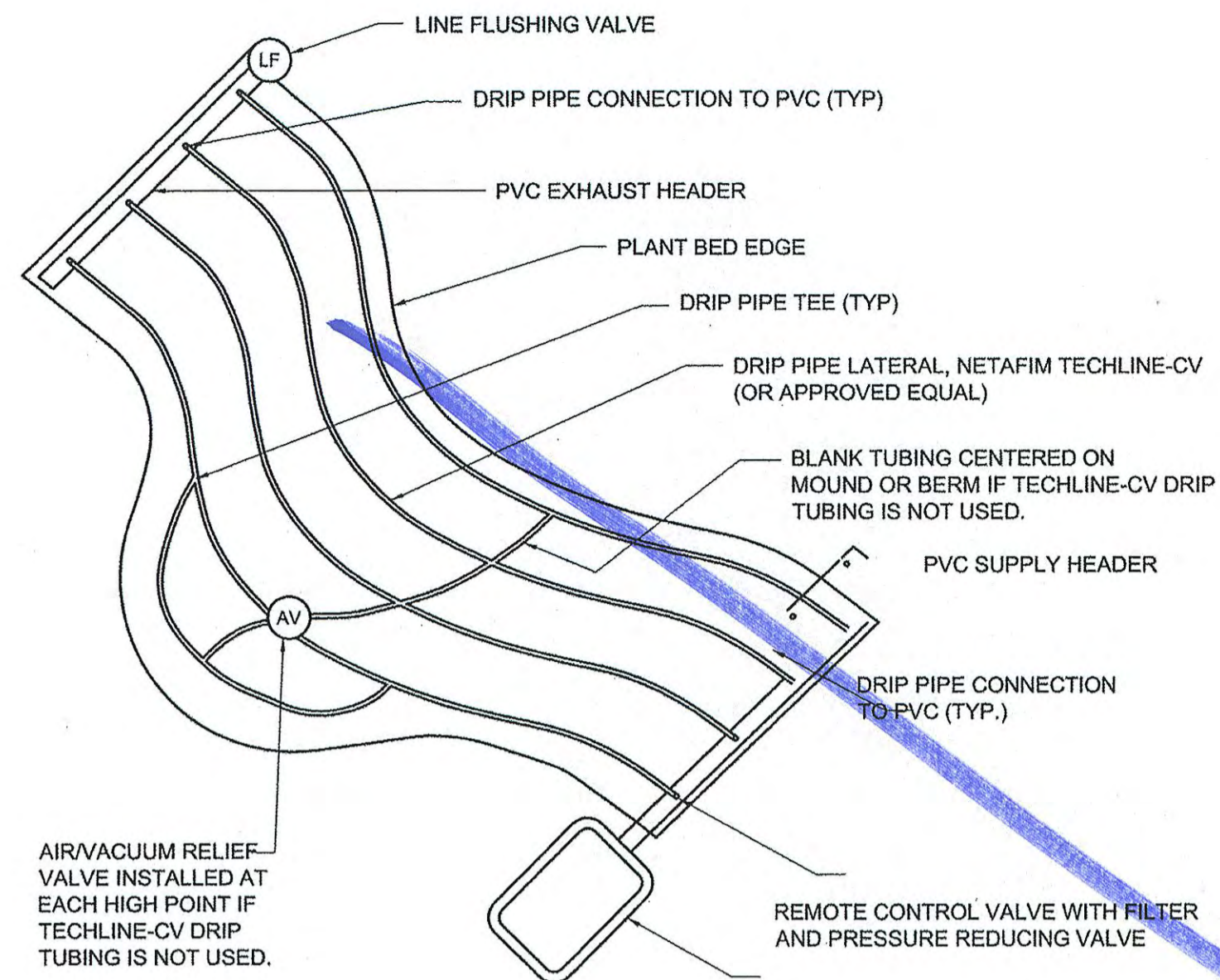
**IRRIGATION
 REQUIRES
 SEPARATE
 PERMIT
 AND
 REVIEW.**



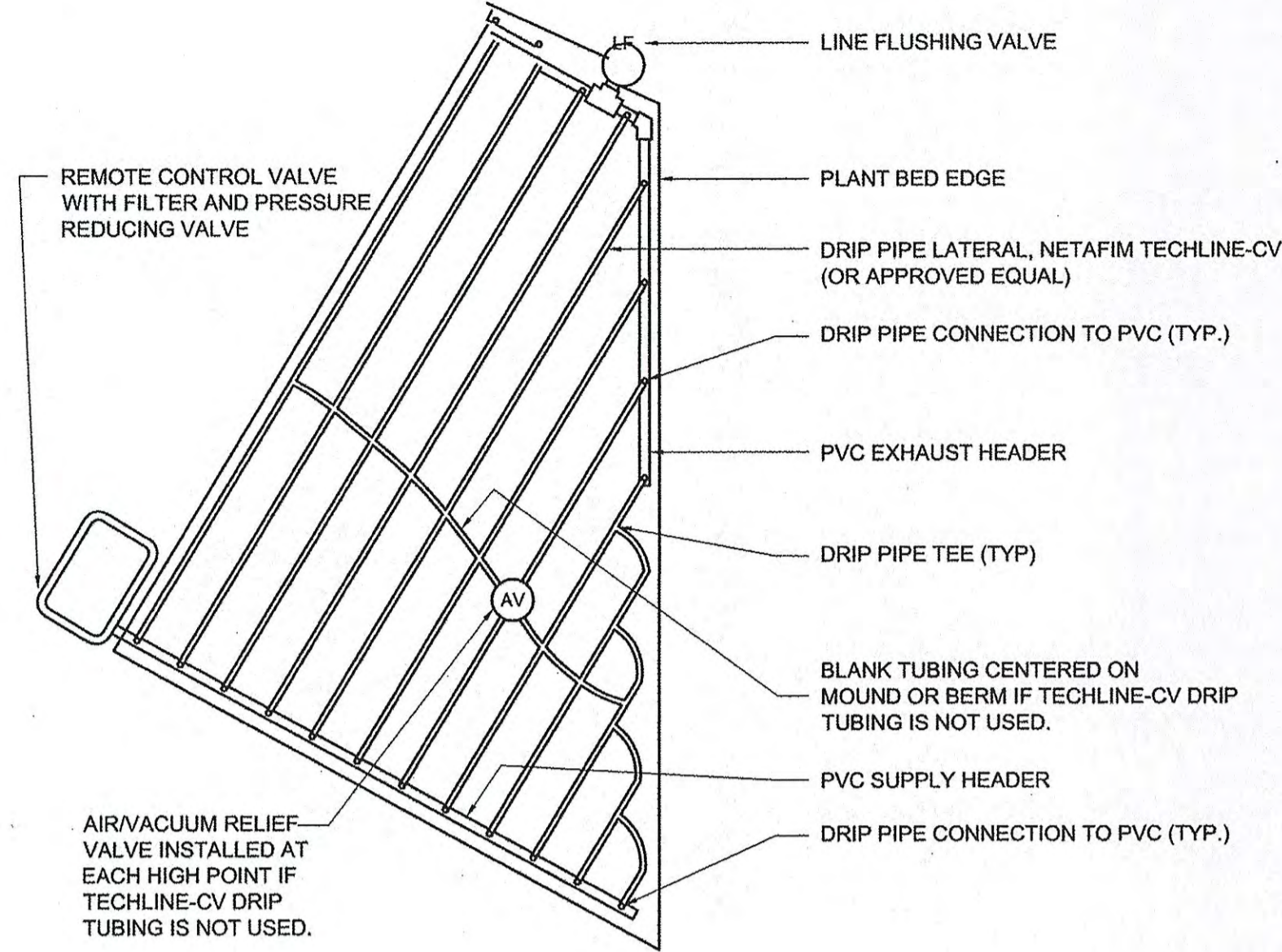
**DALLAS LOVE FIELD
 LANDSCAPE PACKAGE
 MOCKINGBIRD LANE AT DENTON DRIVE
 PHASE 1
 DALLAS, TEXAS**

MARK	AMOUNT	DATE	DESCRIPTION
			ISSUED FOR CONSTRUCTION

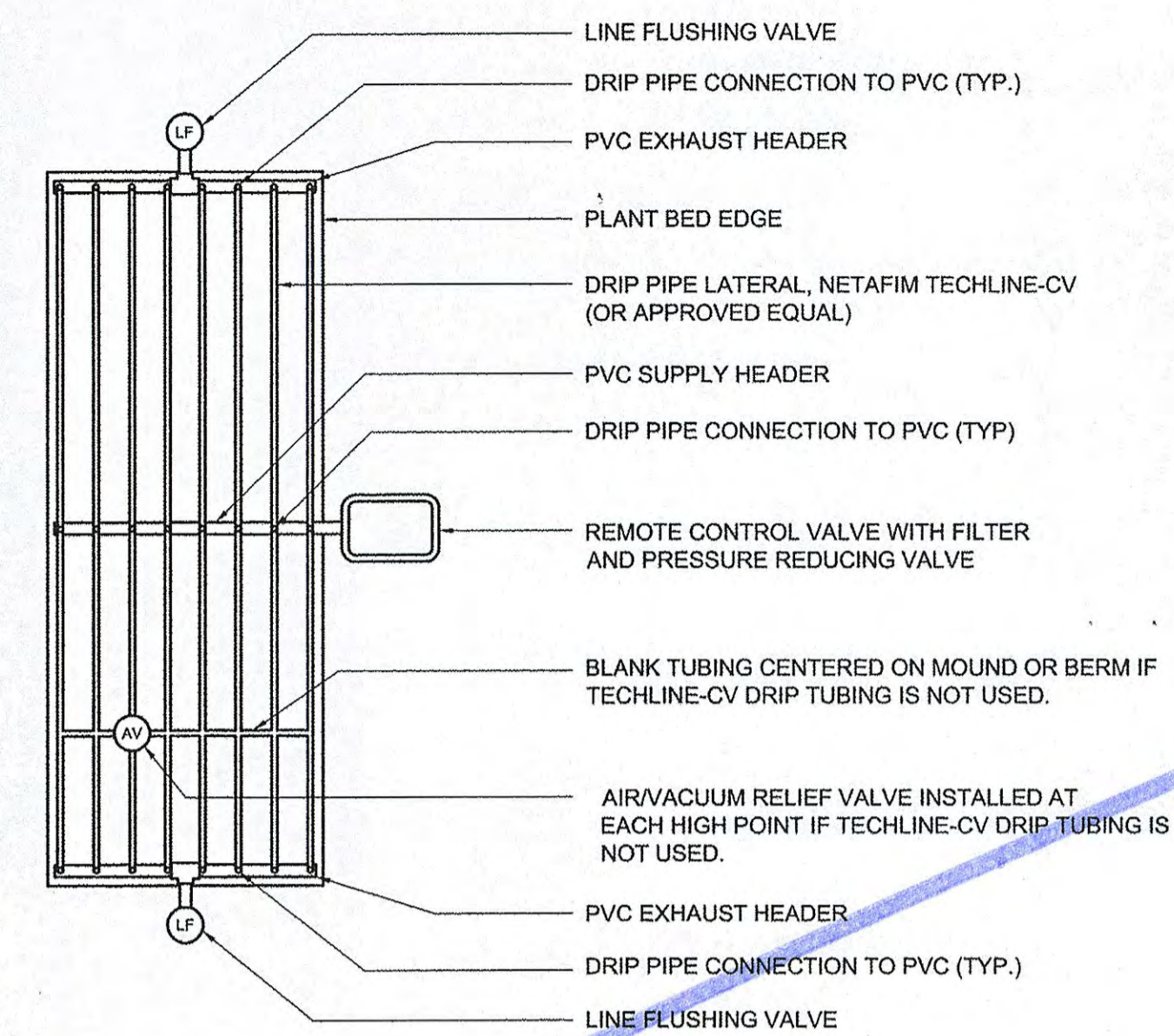
PROJECT NUMBER: 01409801
 CAD FILE NAME: 3100 Irrigation.dwg
 DRAWN BY: C. HALL
 CHECKED BY: S. BUSTOS
 COPYRIGHT: HUITT- ZOLLARS, INC. 2011
 DATE: 09/18/2012
 SHEET TITLE
**IRRIGATION
 TABULATIONS**
L-3100
 SHEET 12 OF 17



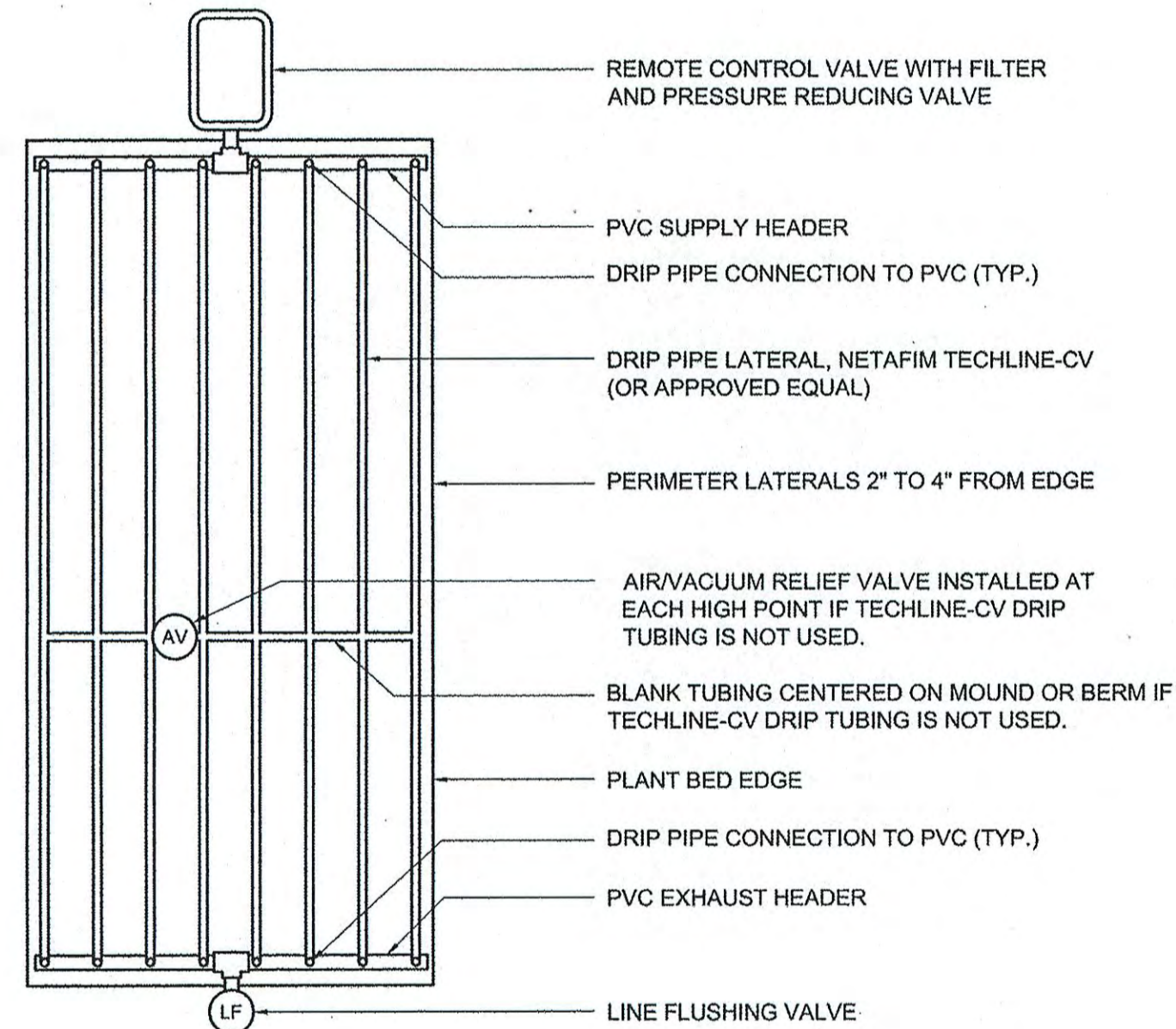
1 DRIP PIPE IRREGULAR LAYOUT ODD CURVES
SCALE : N.T.S.



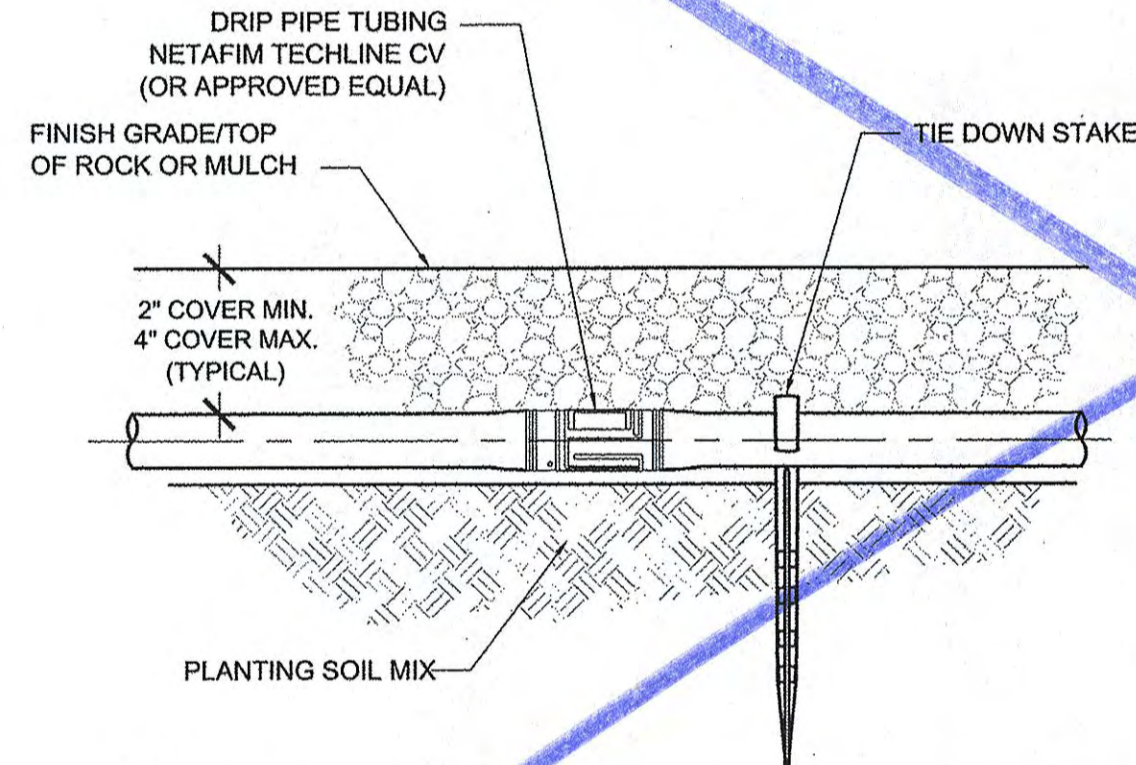
2 DRIP PIPE IRREGULAR LAYOUT TRIANGULAR
SCALE : N.T.S.



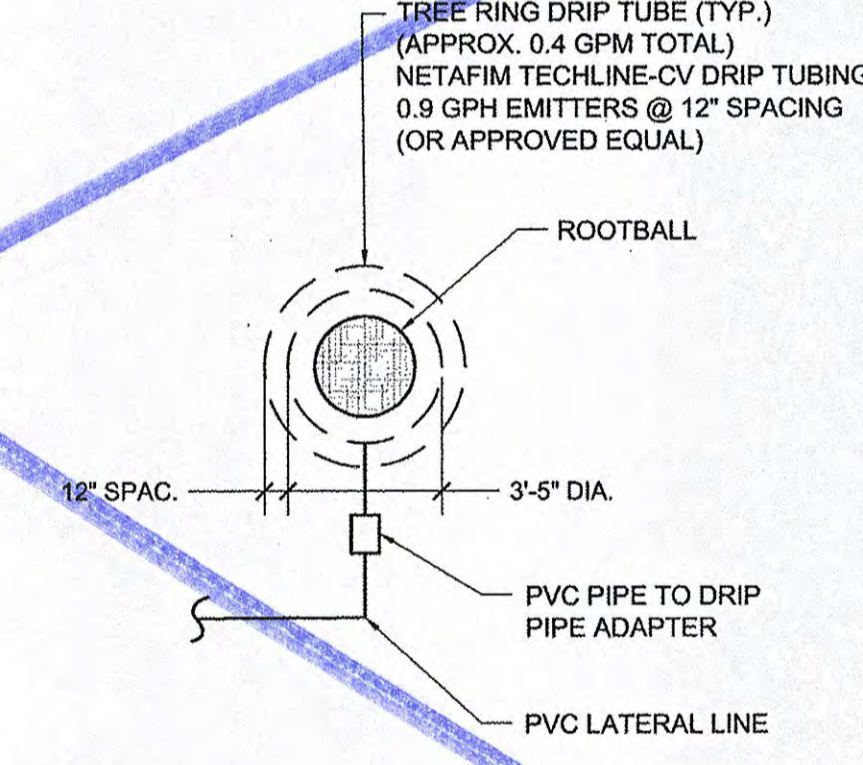
3 DRIP PIPE CENTER FEED LAYOUT
SCALE : N.T.S.



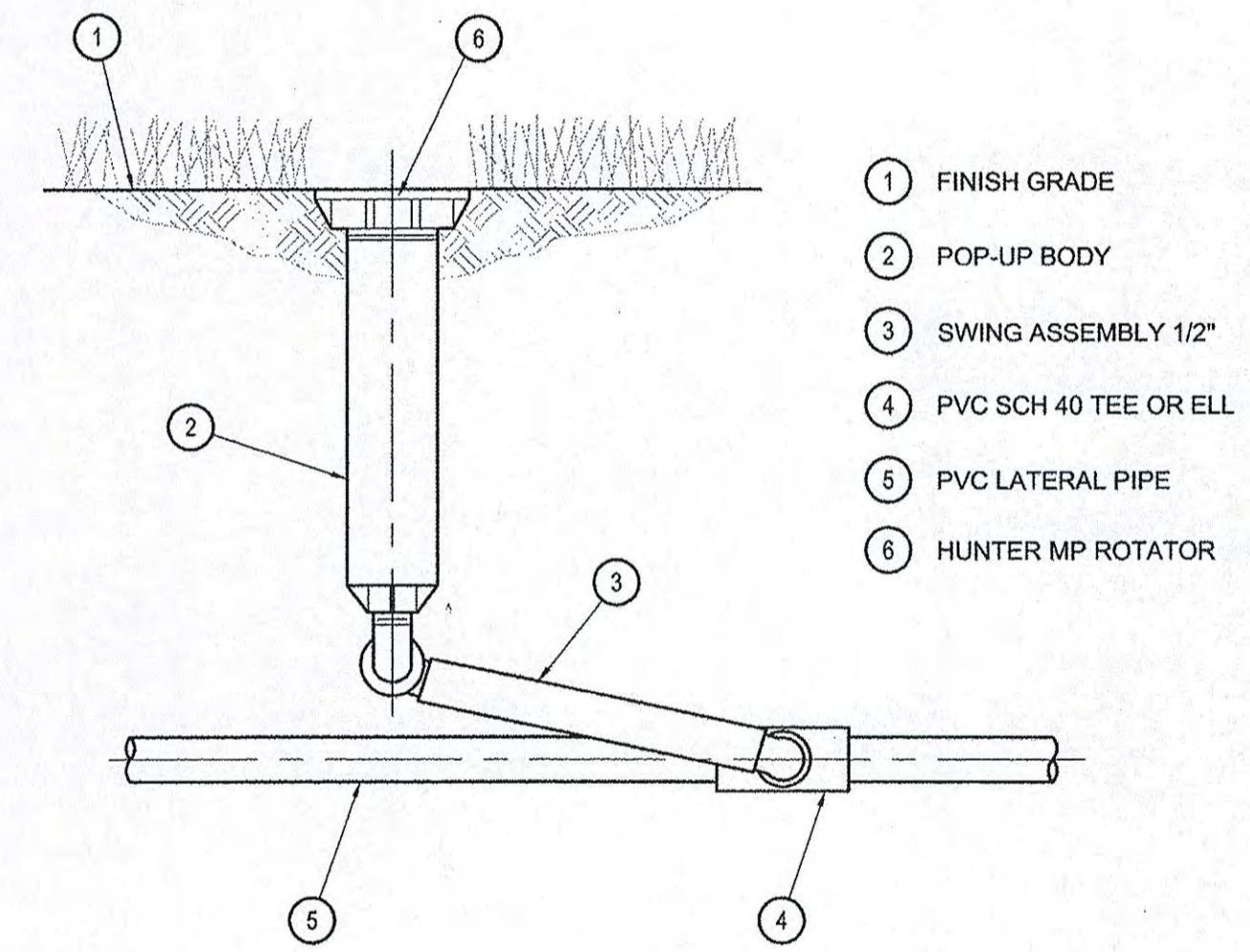
4 DRIP PIPE END FEED LAYOUT
SCALE : N.T.S.



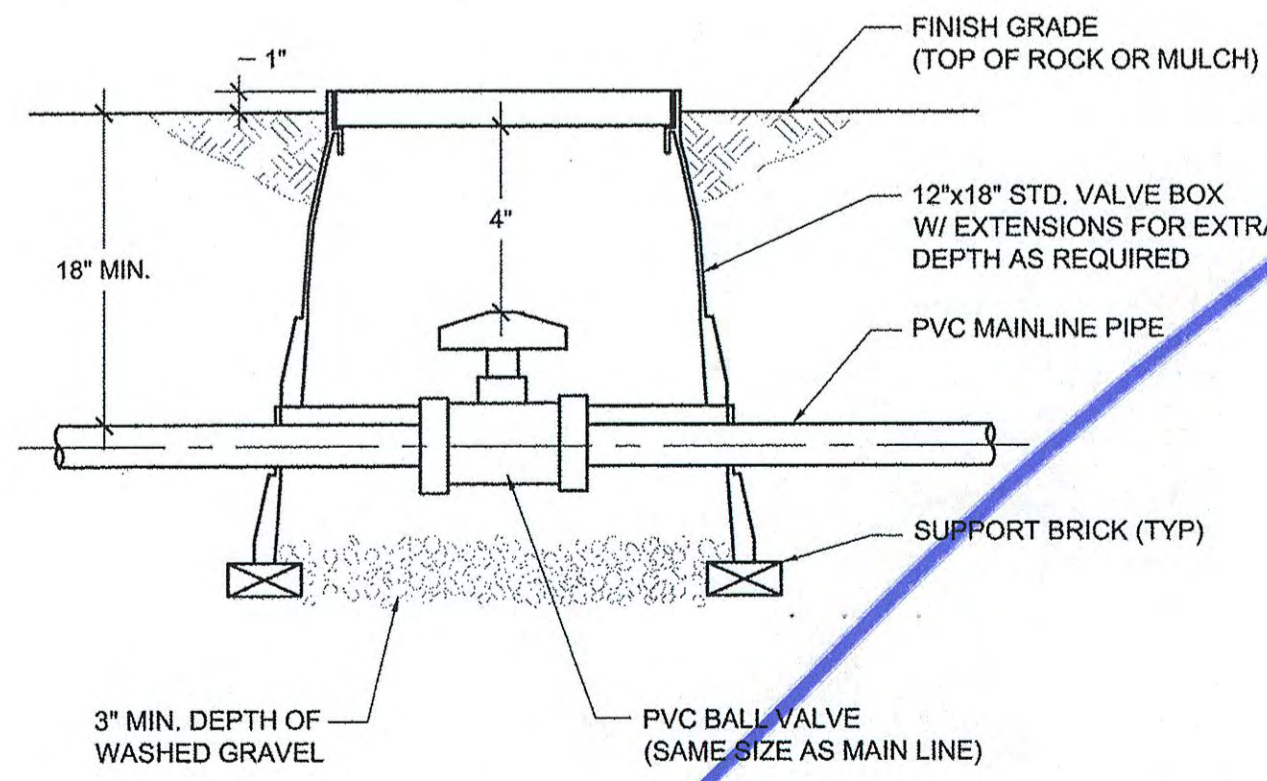
5 DRIPLINE INSTALLATION
SCALE : N.T.S.



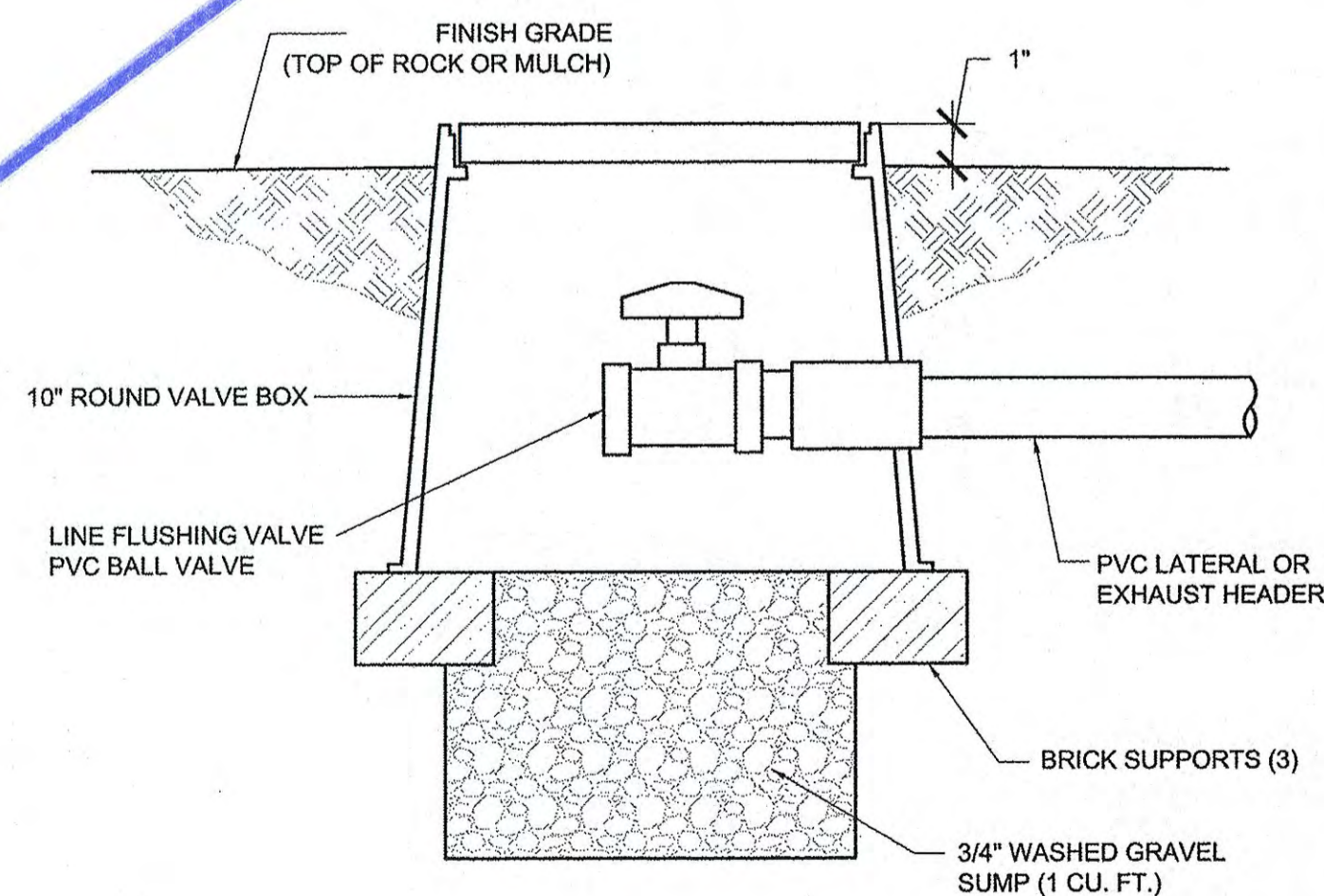
6 DRIP PIPE TREE RING
SCALE : N.T.S.



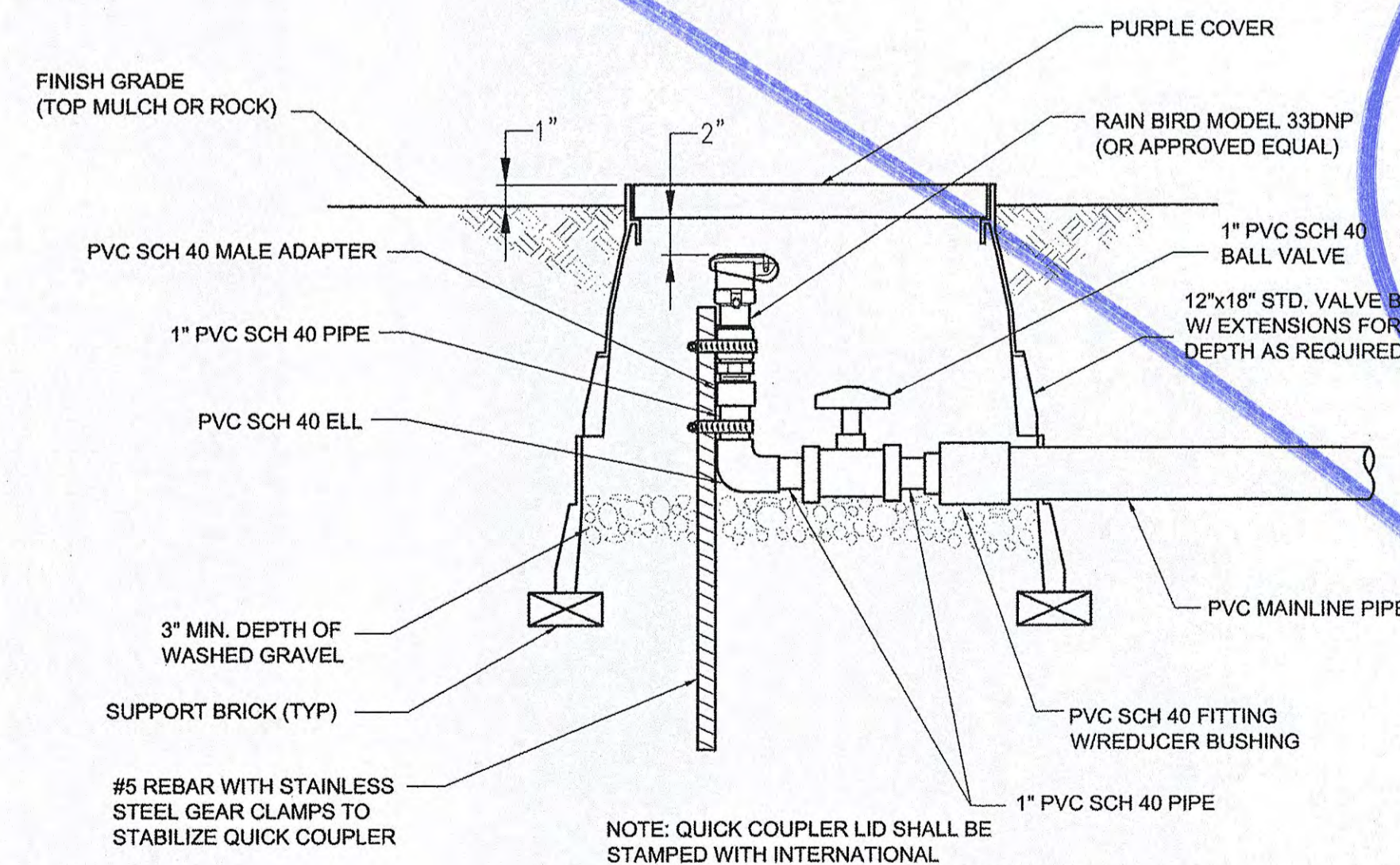
7 MP ROTATOR
SCALE : N.T.S.



8 ISOLATION VALVE
SCALE : N.T.S.



9 PIPE LINE FLUSHING VALVE
SCALE : N.T.S.



10 QUICK COUPLER
SCALE : N.T.S.

REF SHEET L-3100 FOR NOTES.

HUITT-ZOLLARS
Dallas
Huitt-Zollars, Inc.
1717 Woodcrest, Suite 75202-1226
Dallas, Texas 75204-2489
Phone (214) 871-3311 Fax (214) 871-0757
Firm Registration No. F-761



**DALLAS LOVE FIELD
LANDSCAPE PACKAGE
MOCKINGBIRD LANE AT DENTON DRIVE
PHASE 1
DALLAS, TEXAS**

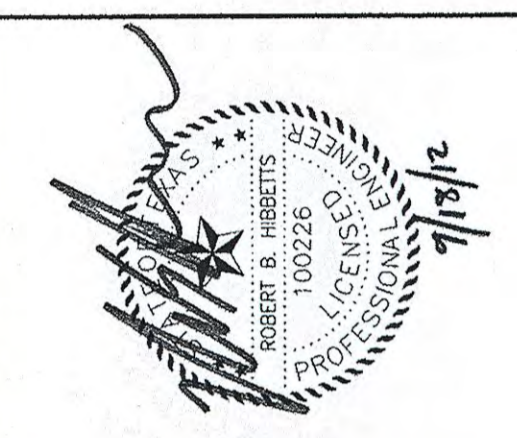
MARK	ISSUED FOR CONSTRUCTION	DESCRIPTION
09/18/12	MM/DD/YY	

PROJECT NUMBER:	01409801
CAD FILE NAME:	3200 Irr Details.dwg
DRAWN BY:	C. HALL
CHECKED BY:	S. BUSTOS
COPYRIGHT:	HUITT-ZOLLARS, INC. 2011
DATE:	09/18/2012
SHEET TITLE	IRRIGATION DETAILS
	L-3202
SHEET	15 OF 17

CAD FILE PATH: H:\proj\01409801\Phase 1\11 DESIGN\CAD\Sheets

CONSTRUCTION NOTES

HUITT-ZOLLARS
 Dallas
 Huitt-Zollars, Inc.
 1717 Maple Avenue, Suite 2500-1250
 Dallas, Texas 75204-2489
 Phone (214) 871-3311 Fax (214) 871-0757
 Firm Registration No. F-761



DALLAS LOVE FIELD
 LANDSCAPE PACKAGE
 MOCKINGBIRD LANE AT DENTON DRIVE
 PHASE 1
 DALLAS, TEXAS

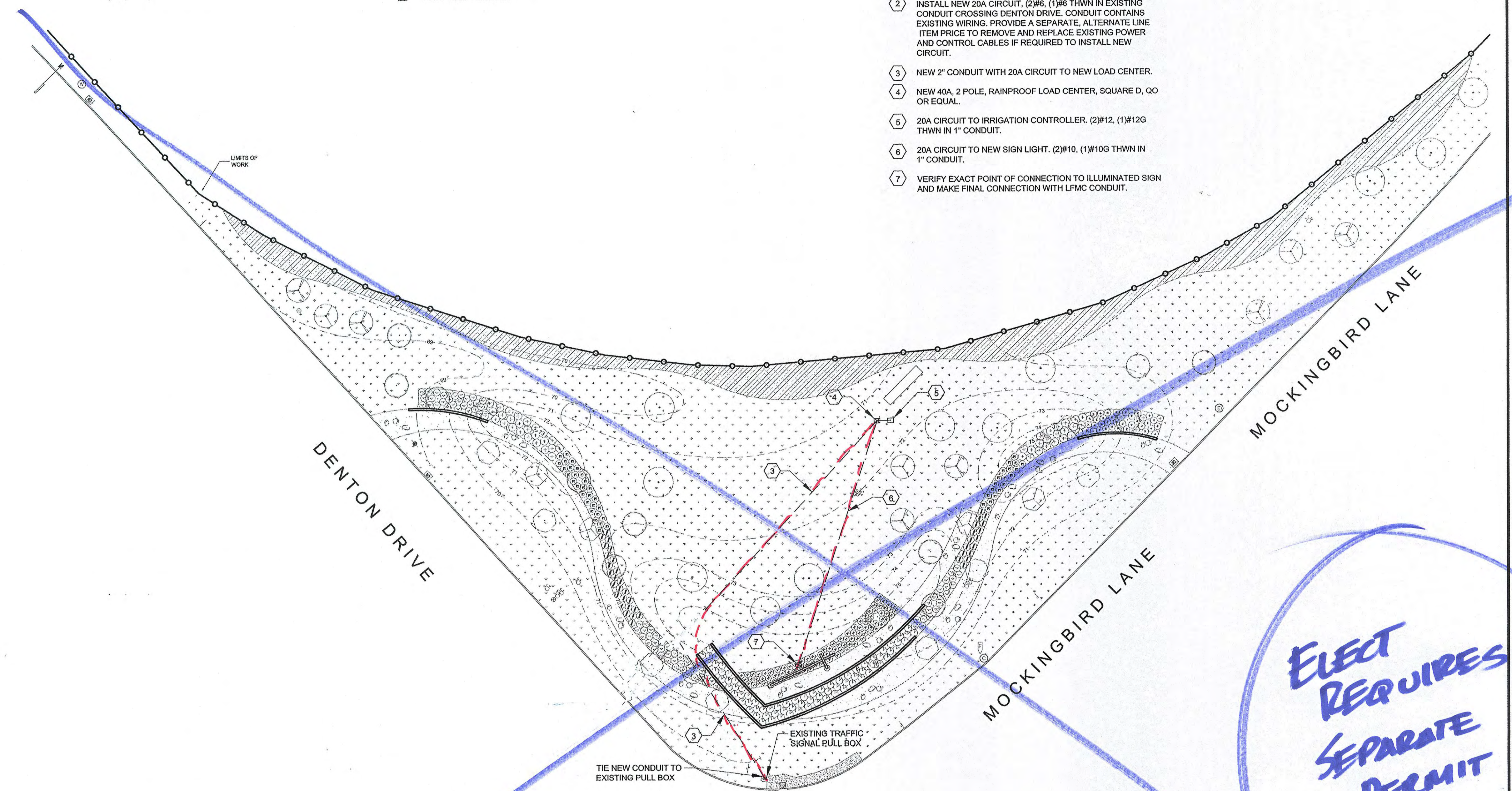
MARK	DATE	ISSUED FOR CONSTRUCTION	DESCRIPTION
	09/18/12		IMMODIFY

PROJECT NUMBER: 01409801
 CAD FILE NAME: 4100 Elect.dwg
 DRAWN BY: RV
 CHECKED BY: BH
 COPYRIGHT:
 HUITT-ZOLLARS, INC. 2011
 DATE: 09/18/2012

ELECTRICAL
 PLAN
 L-4101
 SHEET 16 OF 17

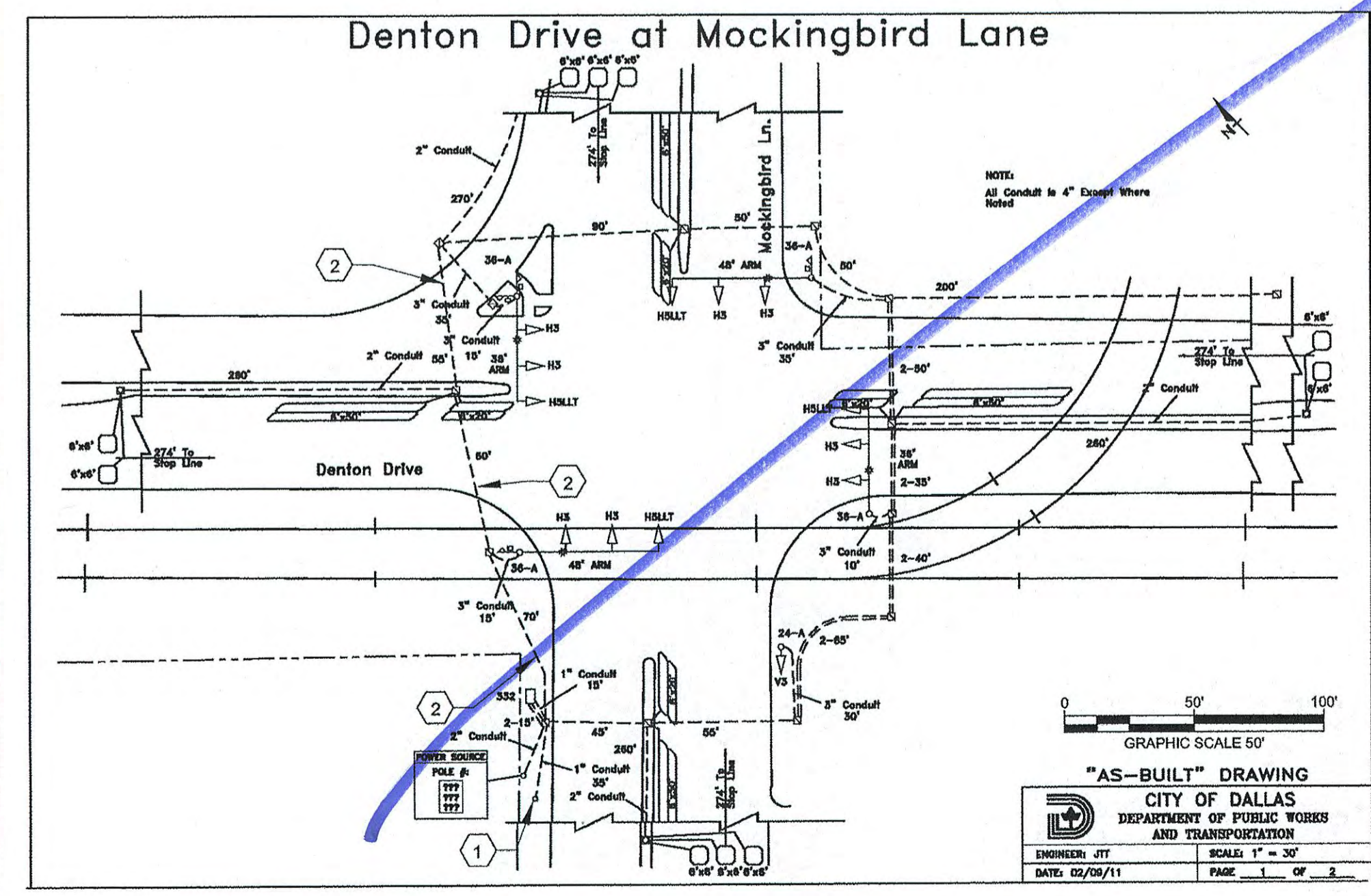
- NOTES**
- REMOVE EXISTING 70A PANEL AND REPLACE WITH 100A, 6 POLE, RAINPROOF, LOAD CENTER (SQUARE D, 00 OR EQUAL). PROVIDE (1) 20A/1P BREAKER AND (1) 50A/1P BREAKER TO MATCH EXISTING AND (1) ADDITIONAL 20A/1P BREAKER FOR SIGN LIGHT AND IRRIGATION CONTROLLER.
 - INSTALL NEW 20A CIRCUIT, (2)#6, (1)#6 THWN IN EXISTING CONDUIT CROSSING DENTON DRIVE. CONDUIT CONTAINS EXISTING WIRING. PROVIDE A SEPARATE, ALTERNATE LINE ITEM PRICE TO REMOVE AND REPLACE EXISTING POWER AND CONTROL CABLES IF REQUIRED TO INSTALL NEW CIRCUIT.
 - NEW 2" CONDUIT WITH 20A CIRCUIT TO NEW LOAD CENTER.
 - NEW 40A, 2 POLE, RAINPROOF LOAD CENTER, SQUARE D, 00 OR EQUAL.
 - 20A CIRCUIT TO IRRIGATION CONTROLLER, (2)#12, (1)#12G THWN IN 1" CONDUIT.
 - 20A CIRCUIT TO NEW SIGN LIGHT, (2)#10, (1)#10G THWN IN 1" CONDUIT.
 - VERIFY EXACT POINT OF CONNECTION TO ILLUMINATED SIGN AND MAKE FINAL CONNECTION WITH LFMC CONDUIT.

LEGEND
 — PROPOSED CONDUIT
 ☒ PROPOSED PULL BOX



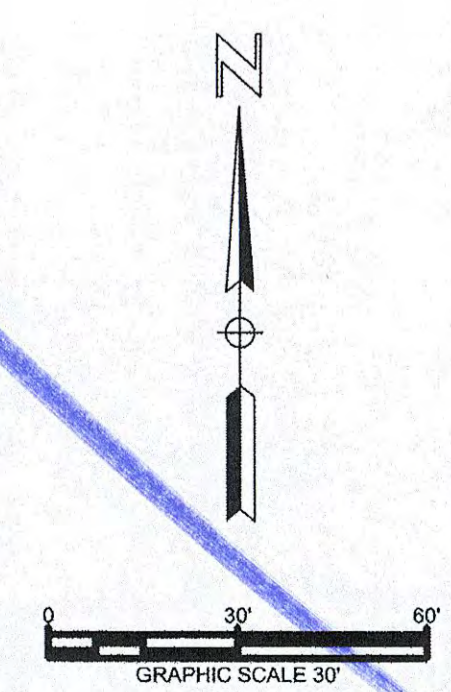
**ELECT
 REQUIRES
 SEPARATE
 PERMIT
 AND
 REVIEW.**

AS-BUILT



ILLUMINATION QUANTITY TABULATION

Sheet Number	LOCATION	ITEM NUMBERS										
		UNISTRUT RACK	PULL BOX	#6 INSULATED WIRE	#10 INSULATED WIRE	#12 INSULATED WIRE	100A LOAD CENTER	40A LOAD CENTER	1" PVC CONDUIT	2" PVC CONDUIT	1" GRS CONDUIT	GROUND ROD
L-4101	Mockingbird Lane at Denton Drive (1)	1	3	1200	450	15	1	1	150	400	25	1
	TOTALS	1	3	1200	450	15	1	1	150	400	0	1



"AS-BUILT" DRAWING
 CITY OF DALLAS
 DEPARTMENT OF PUBLIC WORKS
 AND TRANSPORTATION
 ENGINEER: JTT
 DATE: 02/09/11
 SCALE: 1" = 30'
 PAGE 1 OF 2

PANEL "LC1" NEW PANEL													
240/120 VOLT, 1 PHASE, 3 WIRE						100 AMP MLO							
22 KAIC BRANCH CIRCUIT													
LOAD SERVED	PHASE	#	WIRE SIZE	GND	CKT BKR AMP	Ø	CKT BKR AMP	Ø	WIRE SIZE	GND	#	PHASE LOAD	LOAD SERVED
Traffic Signal Cabinet	960	1	#12	#12	20	1	A				2	2	SPACE
Street Lights	1,920	3	#12	#12	20	1	C				4	4	SPACE
Load Center	500	5	#6	#6	20	1	A				6	6	SPACE

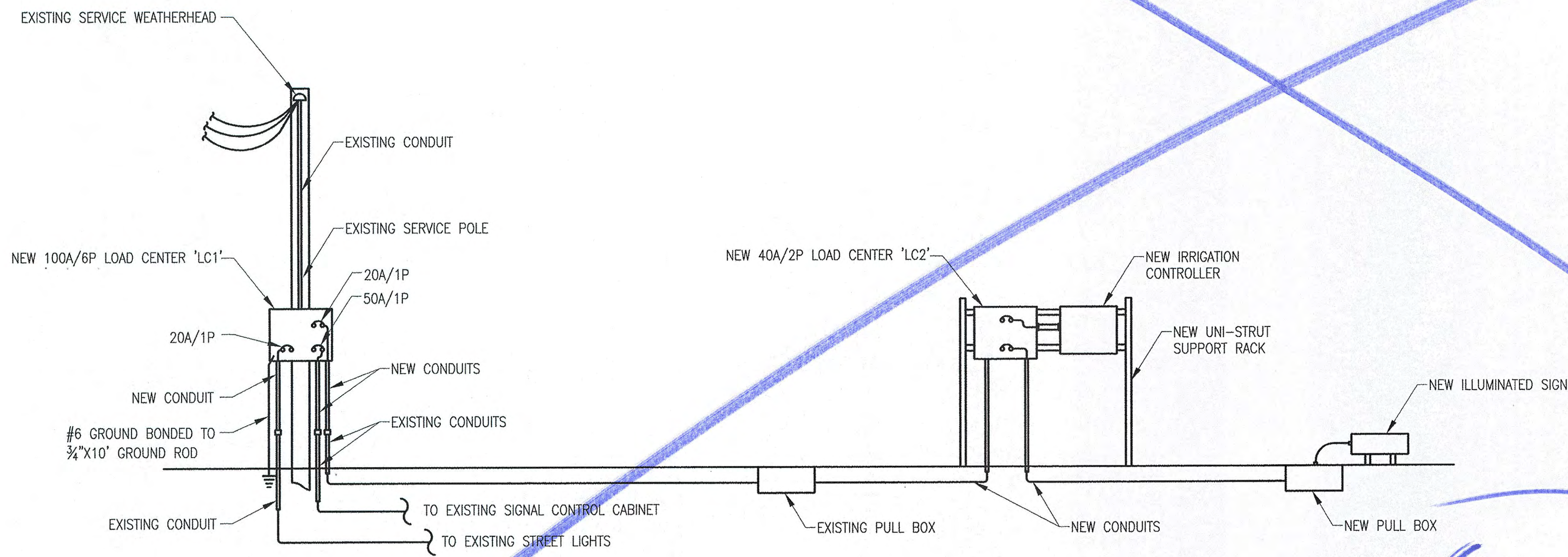
LOAD ANALYSIS			
PHASE	AMPS	KVA	(INCLUDING SUBFEED LOADS)
PHASE A	8.00	1	TOTAL CONNECTED KVA 3
PHASE C	16.00	2	ESTIMATED DEMAND KVA 3
			ESTIMATED DEMAND AMPS 14

LOAD DESCRIPTION	CONNECTED KVA		DEMAND KVA
	NON-CONT	CONT	
LIGHTING	2	-	2
RECEPTACLES	-	-	-
MOTORS	-	-	-
TRANSFORMERS	-	-	-
KITCHEN	1	-	1
OTHER	-	-	-

PANEL "LC2" NEW PANEL													
240/120 VOLT, 1 PHASE, 3 WIRE						40 MLO							
14 KAIC BRANCH CIRCUIT													
LOAD SERVED	PHASE	#	WIRE SIZE	GND	CKT BKR AMP	Ø	CKT BKR AMP	Ø	WIRE SIZE	GND	#	PHASE LOAD	LOAD SERVED
Illuminated Sign	400	1	#10	#10	20	1	A				2	2	100 Irrigation Controller

LOAD ANALYSIS			
PHASE	AMPS	KVA	
PHASE A	4.17	1	TOTAL CONNECTED KVA 1
PHASE C	-	-	ESTIMATED DEMAND KVA 1
			ESTIMATED DEMAND AMPS 2

LOAD DESCRIPTION	CONNECTED KVA		DEMAND KVA
	NON-CONT	CONT	
LIGHTING	0	-	0
RECEPTACLES	-	-	-
MOTORS	-	-	-
TRANSFORMERS	-	-	-
KITCHEN	-	-	-
OTHER	0	-	0



REF E1 ELECTRICAL SERVICE POINT
NTS

REF
SHEET
L-4101

CONSTRUCTION NOTES

HUITT-ZOLLARS
Huitt-Zollars, Inc. Dallas, Texas
1717 Mockingbird Lane, Suite 7500-2488
Dallas, Texas 75206-2488
Phone (214) 871-3311 Fax (214) 871-0757
Firm Registration No. F-761



DALLAS LOVE FIELD
LANDSCAPE PACKAGE
MOCKINGBIRD LANE AT DENTON DRIVE
PHASE 1
DALLAS, TEXAS

MARK	ISSUED FOR CONSTRUCTION	DESCRIPTION
09/18/12	MAJDD/YY	

PROJECT NUMBER: 01409801
CAD FILE NAME: 4100 Elect.dwg
DRAWN BY: RV
CHECKED BY: BH
COPYRIGHT:
HUITT-ZOLLARS, INC. 2011
DATE: 09/18/2012

ELECTRICAL
DETAILS

L-4200

SHEET 17 OF 17