

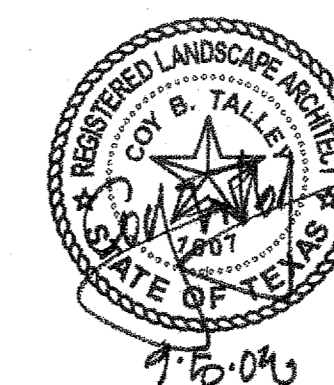


FAIRFIELD PARK

Town of
Addison, Texas

Talley Associates

Landscape Architecture
Planning
Urban Design
1925 San Jacinto, Suite 400
Dallas, Texas 75201
Tel. 214-671-7800
Fax. 214-671-7885



Approved for Construction
[Signature]
Town of Addison Parks Dept.

LIST OF DRAWINGS:

- L1.01 LAYOUT AND MATERIALS PLAN
- L1.02 LAYOUT AND MATERIALS PLAN ENLARGEMENT
- L2.01 GRADING PLAN
- L3.01 PLANTING PLAN
- L3.02 PLANTING PLAN ENLARGEMENT
- L4.01 IRRIGATION PLAN
- L5.01 DETAILS
- L5.02 DETAILS
- L5.03 DETAILS
- L5.04 DETAILS
- L5.05 DETAILS
- L5.06 DETAILS
- EP1.01 EP SITE PLAN
- EP1.02 ELECTRICAL NOTES

8.919 ACRES

PROPOSED LOT 1, BLOCK 2
ADDISON FAIRFIELD

MARCUS AVENUE

LIGHTING SCHEDULE			
SYM.	QTY.	FIXTURE	MANUFACTURER
⊕	4	TYPE 'A' REF. 1/L5.04	BEGA 9801MH-MOD-175MH-240V-BLACK BEGA 1508HR-BLACK
⊕	3	TYPE 'B' REF. 3/L5.04	BEGA 9802MH-MOD-175MH-240V-BLACK BEGA 1508HR-BLACK
⊕	7	TYPE 'C' REF. 5/L5.04	POULSEN-KAT-1/150CMHTG-120-277-COP DRA-5-3-12-BLACK
⊕	4	MOUNTED ON TRELLIS	BEGA 7511 FLOODLIGHT

LEGEND	
-----	LIMIT OF WORK
====	STEEL EDGING
=====	CURBS AND WALKS
=====	WALLS
-----	CONTROL JOINTS
-----	EXPANSION JOINTS
-----	EXISTING CONTOUR
-----	PROPOSED CONTOUR
P.A.	PLANTING AREA
○	EXISTING TREE
⊗	EXISTING TREE TO BE REMOVED
MATERIAL KEY	DETAIL NUMBER
SPECIAL PAVEMENT	SHEET NUMBER

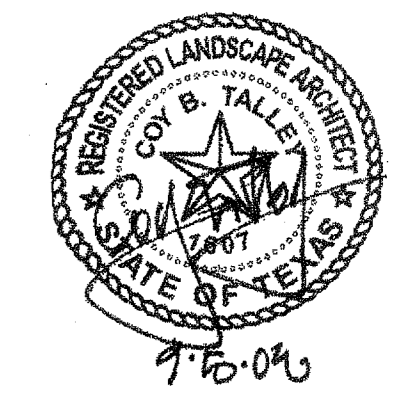
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- 1 ENLARGEMENT (L1.02)
- 2 STREETSCAPE LIGHT FIXTURE TYPE 'B' (L5.03)
- 8 BARRIER FREE RAMP (L5.01)
- 5 BRICK PAVING TYPE 2 (L5.01)
- 5 BRICK PAVING TYPE 1 (L5.01)

- 2 STREETSCAPE LIGHT FIXTURE TYPE 'B' (L5.03)
- 8 BARRIER FREE RAMP (L5.01)
- 4 BENCH (L5.01)
- 5 BRICK PAVING TYPE 1 (L5.01)
- 5 BRICK PAVING TYPE 2 (L5.01)
- 2 CONCRETE WALK (L5.01)
- 3 PEDESTRIAN LIGHT FIXTURE TYPE 'C' (L5.03)
- 3 ENLARGEMENT (L1.02)
- 1 STREETSCAPE LIGHT FIXTURE TYPE 'A' (L5.03)
- 2 ENLARGEMENT (L1.02)
- 4 BENCH (L5.01)
- 8 BARRIER FREE RAMP (L5.01)
- 5 BRICK PAVING TYPE 1 (L5.01)

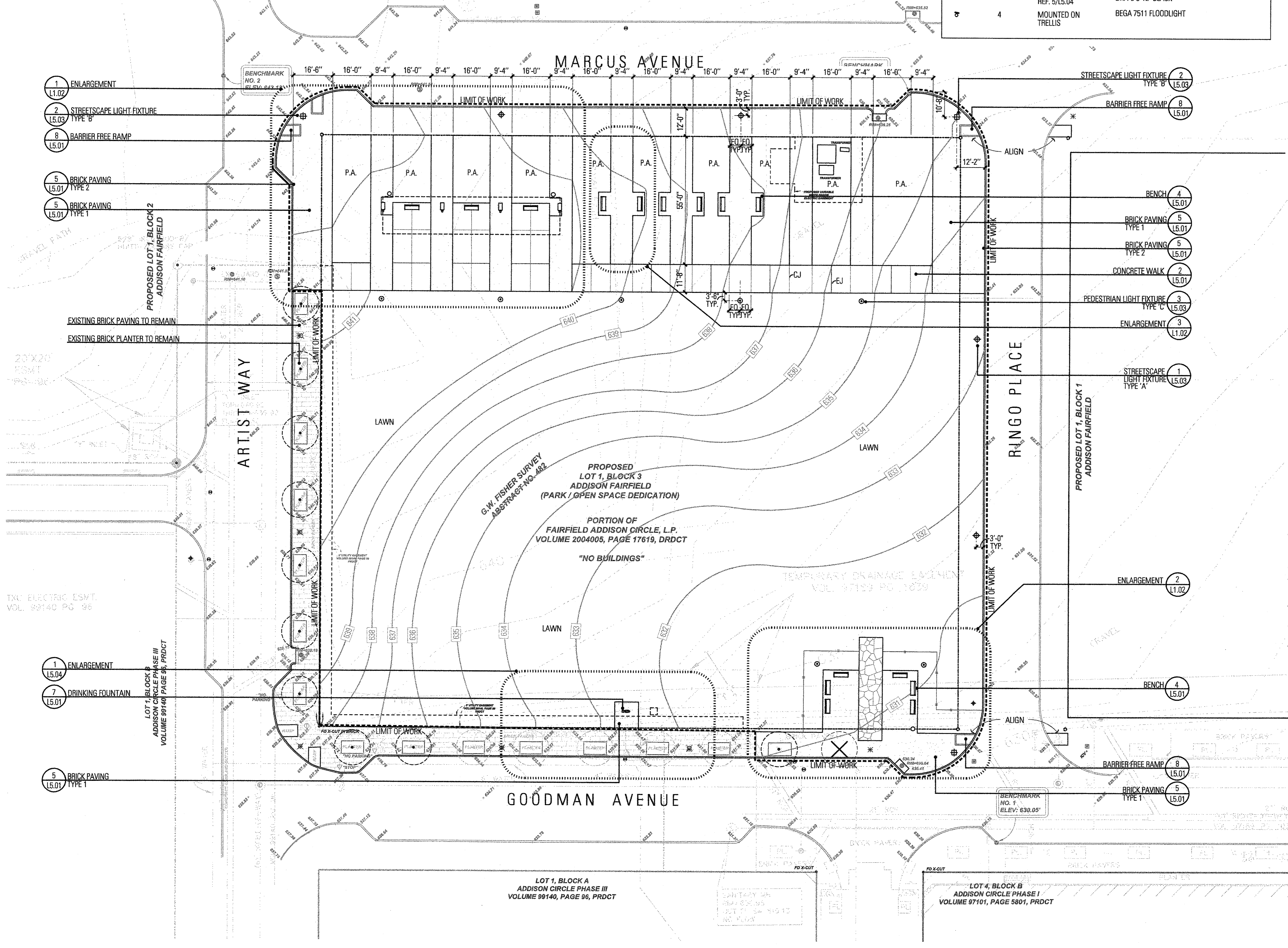
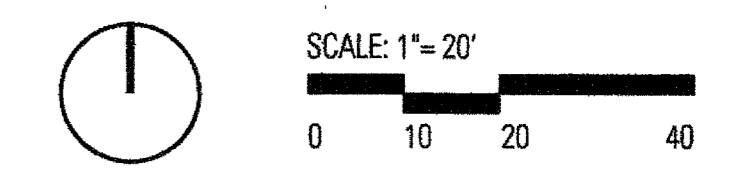
- NOTES:**
- WARNING! EXISTING UNDERGROUND UTILITIES MAY BE ENCOUNTERED THROUGHOUT THE ENTIRE PROJECT AREA. LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.**
 - Provide Town of Addison with project schedule.
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 - Stake site lighting fixture locations for approval by the Town of Addison. Coordinate fixture and conduit locations among all disciplines including, but not limited to, existing and proposed mechanical, electrical, and plumbing utilities, drainage, planting, and irrigation.
 - All dimension lines shall be considered 90 degrees unless otherwise noted.
 - All concrete formwork shall be straight and free from bulges and/or changes in angle that are not shown on the drawings.
 - Layout of sidewalks shall be approved by Town of Addison prior to concrete pour.
 - Provide positive drainage throughout project area. No ponding or standing water is acceptable.
 - All walks shall not exceed 5% longitudinal slope and 2% cross slope in compliance with Texas Accessibility Standards. All accessible parking spaces, aisles, and crosswalks shall not exceed 2% slope in any direction in compliance with Texas Accessibility Standards.**
 - Accessible route shall be clear of protruding objects, including low tree limbs and signs, less than 8" in height in compliance with Texas Accessibility Standards.**
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 - See details and specifications for staking methods, plant pit dimensions and backfill requirements.
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Project No:	5034
Drawn By:	JW
Checked By:	CT/KB
Date:	5 September 2008
Issued:	
Issued:	
Issued:	
Issued:	
Revisions:	
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Sheet Title:
LAYOUT AND MATERIALS PLAN

L1.01
Sheet No.:



8.919 ACRES

TEXOK PROPERTIES, L.P.
VOL. 2002240, PG. 3529

MARCUS AVENUE

GOODMAN AVENUE

RINGO PLACE

LEGEND

- PROPERTY LINE
- LIMIT OF WORK
- || STEEL EDGING
- CONTROL JOINTS
- EXPANSION JOINTS
- GRADE BREAK LINE
- 200.05 SPOT ELEVATION
- 201 CONTOUR LINE
- TC TOP OF CURB
- BC BOTTOM OF CURB
- TW TOP OF WALL
- BW BOTTOM OF WALL
- P.A. PLANTING AREA

- MATERIAL KEY
- SPECIAL PAVEMENT 0 10-00
 - 0 SHEET NUMBER

EXISTING & PROPOSED UTILITIES

- CONDUIT
- WATER, SANITARY SEWER, GAS LINE
- STORM DRAIN LINE
- MANHOLE
- FIRE HYDRANT
- GATE VALVE

NOTES:

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Revisions:

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Sheet Title:

GRADING PLAN

L2.01

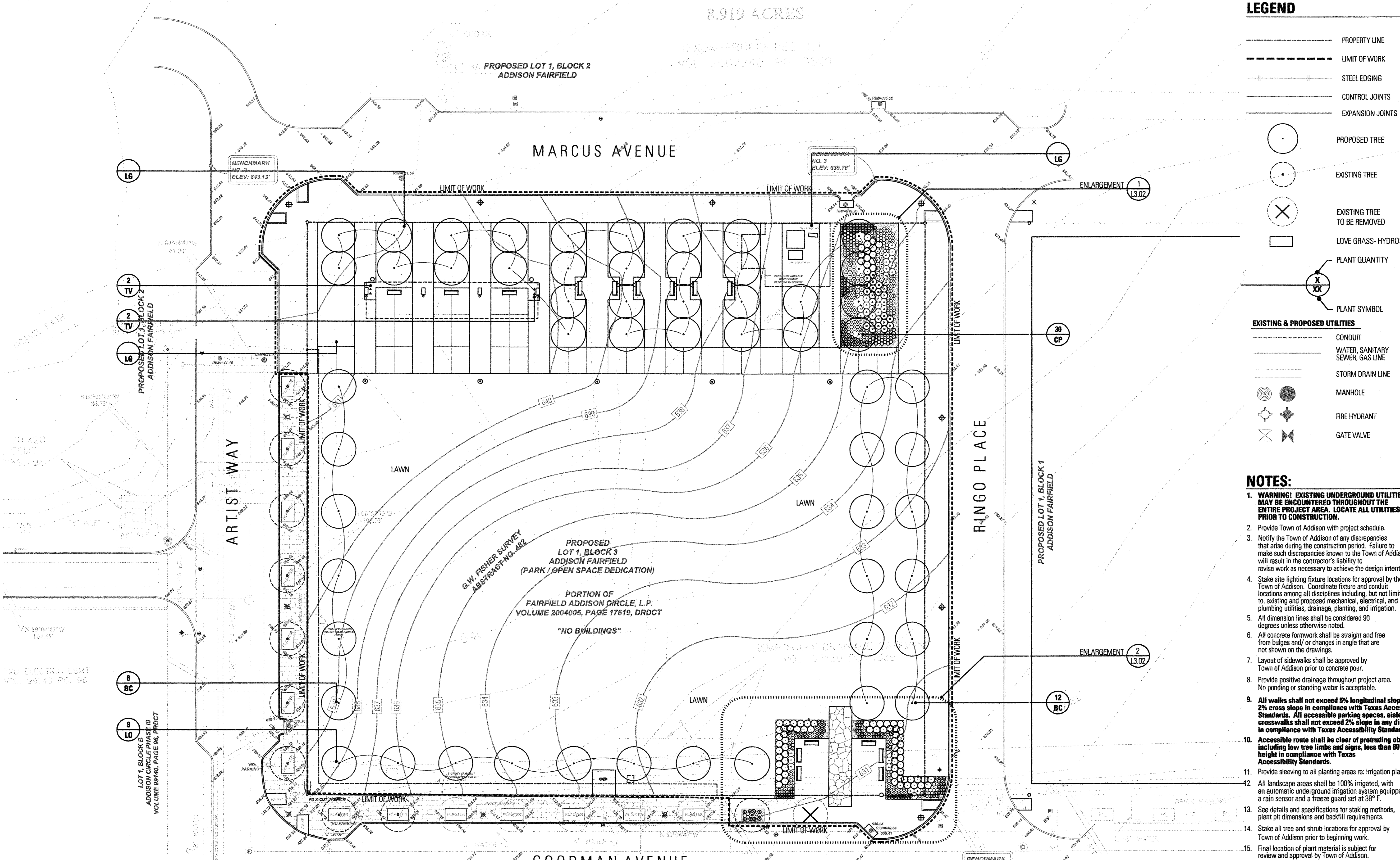
Sheet No.:

SCALE: 1" = 20'

0 10 20 40

1 ENLARGEMENT
15.04

ICK B



LEGEND

- PROPERTY LINE
- LIMIT OF WORK
- ||-||-||- STEEL EDGING
- CONTROL JOINTS
- EXPANSION JOINTS
- PROPOSED TREE
- EXISTING TREE
- ⊗ EXISTING TREE TO BE REMOVED
- LOVE GRASS- HYDROSEED
- XX PLANT QUANTITY
- PLANT SYMBOL

EXISTING & PROPOSED UTILITIES

- CONDUIT
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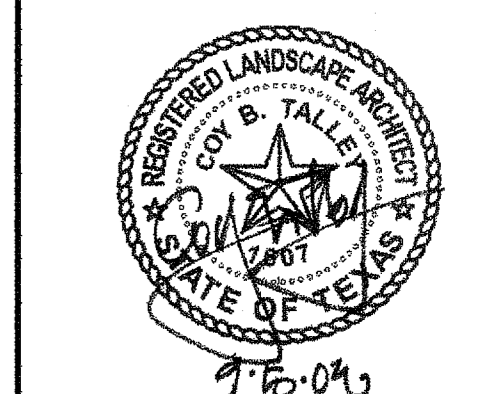
PLANT LIST

NOTE: PLANT MATERIAL SIZES INDICATED ARE MINIMUM ACCEPTABLE SIZES OF EACH SPECIFIED CHARACTERISTIC. IN THE CASE OF A CONFLICT BETWEEN INDICATED HEIGHT AND SPREAD AND CONTAINER SIZE, HEIGHT AND SPREAD SPECIFIED SHALL GOVERN.

QTY.	SYM.	COMMON NAME	BOTANICAL NAME	SIZE & REMARKS	QTY.	SYM.	COMMON NAME	BOTANICAL NAME	SIZE & REMARKS	QTY.	SYM.	COMMON NAME	BOTANICAL NAME	SIZE & REMARKS
Trees					Grasses					Perennials (cont.)				
8	LO	Live Oak	<i>Quercus virginiana</i>	4" cal., 100 gal. 18" ht. x 6" spd., 6'-7" clear trunk, matching specimen	LAWN	Midiron Bermuda	<i>Cynodon dactylon</i> 'Midiron'	Solid sod	27	RS	Russian Sage	<i>Perovskia atriplicifolia</i>	1 gal., 12" ht., 12" spd., 18" o.c., full	
30	CP	Chinese Pistache	<i>Pistacia chinensis</i>	4" cal., 100 gal., 13'-14" ht., 5'-6" spd., container grown, specimen	21	BBS	Bushy Blue Stem	<i>Andropogon glomeratus</i>	7 gal., 24"-36" ht., 12"-18" spd., 36" o.c., full	37	VW	Virginia Willow	<i>Itaia virginica</i> 'Henry's Garnet'	5 gal., 24" ht., 18" spd., 24" o.c., full
18	BC	Bald Cypress	<i>Taxodium distichum</i>	4" cal., 100 gal., 13'-14" ht., 5'-6" spd., container grown, specimen		LG	Weeping Love Grass	<i>Eragrostis curvula</i>	Hydroseed	72	PF	Purple Coneflower	<i>Echinacea purpurea</i>	1 gal., 12" ht., 12" spd., 18" o.c., full
Shrubs					Perennials					Groundcover/Vines				
80	DWM	Dwarf Wax Myrtle	<i>Myrica pusilla</i>	5 gal., 24" ht. x 20" spd., 36" o.c., full	68	RM	Creeping Rosemary	<i>Rosmarinus officinalis</i> 'Prostratus'	1 gal., 12" ht., 12" spd., 18" o.c., full	49	KD	Knock Out Roses	<i>Rosa</i> spp. 'Knock Out'	5 gal., 24" ht., 18" spd., 30" o.c., full
19	HY	Hypericum	<i>Hypericum calycinum</i>	5 gal., 24" ht., 18" spd., 36" o.c., container grown	108	TL	Trailing Lantana	<i>Lantana montedivensis</i>	1 gal., 12" ht., 12" spd., 18" o.c., full	4	TV	Trumpet Vine	<i>Campsis radicans</i>	1 gal., full, staked
14	MF	Chinese Mahonia	<i>Mahonia fortunei</i>	5 gal., 24" ht., 18" spd., 36" o.c., container grown	51	LS	Gayfeather	<i>Liatris</i> spp.	1 gal., 12" ht., 12" spd., 18" o.c., full					
					54	CO	Coreopsis	<i>Coreopsis</i> spp.	1 gal., 12" ht., 12" spd., 18" o.c., full					
					36	BS	Black Eyed Susan	<i>Rudbeckia hirta</i> 'Goldsturm'	1 gal., 12" ht., 12" spd., 18" o.c., full					

FAIRFIELD PARK
Town of Addison, Texas

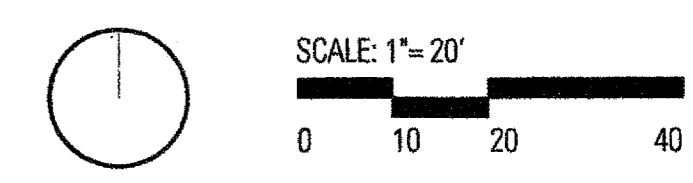
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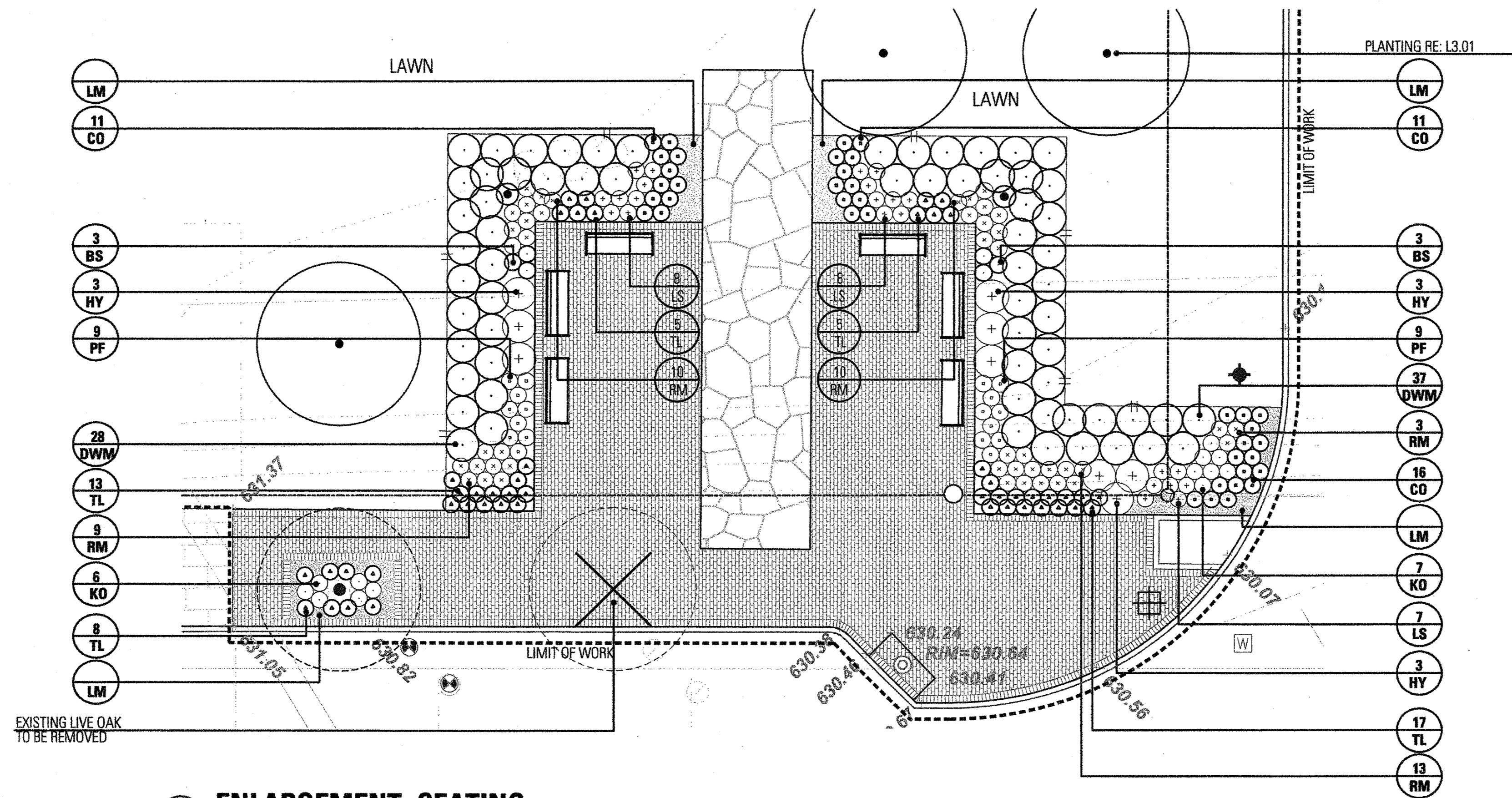


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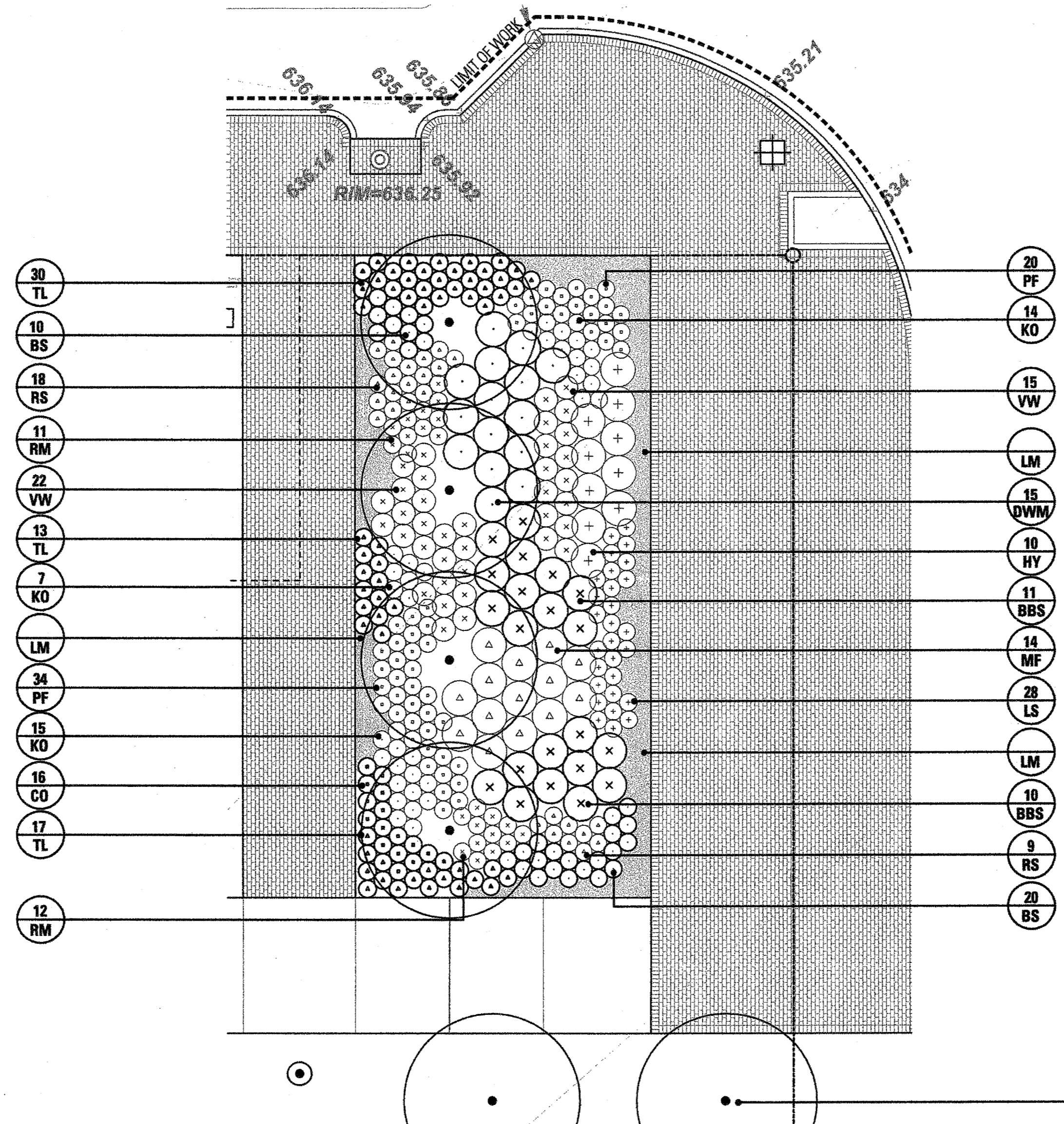
Sheet Title:
PLANTING PLAN

Sheet No.:
L3.01





2 ENLARGEMENT - SEATING
SCALE: 1/8" = 1'-0"



1 ENLARGEMENT -
SCALE: 1/8" = 1'-0"

LEGEND

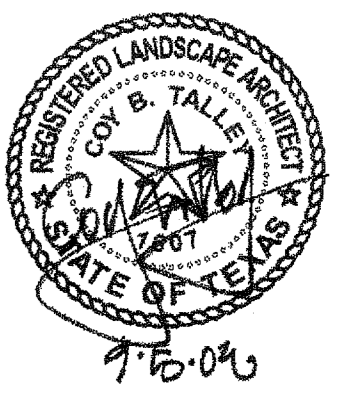
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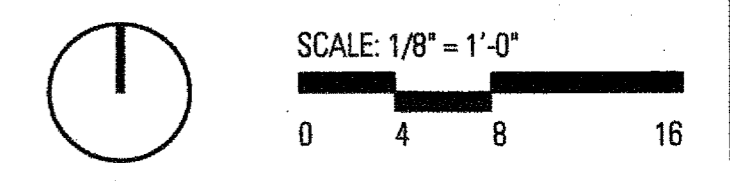


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Sheet Title:
PLANTING PLAN

L3.02

Sheet No.:



8.919 ACRES

TEXAS PROPERTIES, L.P.
VOL. 2002240 PG. 3024

PROPOSED LOT 1, BLOCK 2
ADDISON FAIRFIELD

CONNECT TO EXISTING 2" IRRIGATION MAINLINE STUB OUT.
USE EXISTING RED VALVE WIRES AND
1 EXISTING WHITE COMMON WIRE FOR NEW VALVES

MARCUS AVENUE

BENCHMARK
NO. 2
ELEV: 643.13'

BENCHMARK
NO. 3
ELEV: 635.76'

PROPOSED LOT 1, BLOCK 2
ADDISON FAIRFIELD

ARTIST WAY

PROPOSED LOT 1, BLOCK 1
ADDISON FAIRFIELD

RINGO PLACE

GOODMAN AVENUE

L.I.C. SHALL REFER TO THE TOWN OF ADDISON IRRIGATION SPECIFICATIONS, REVISED 01 / 07 / 08 FOR ALL INSTALLATION REQUIREMENTS.

* L.I.C. IS TO VISIT SITE PRIOR TO CONSTRUCTION TO BECOME FAMILIAR WITH THE EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION.

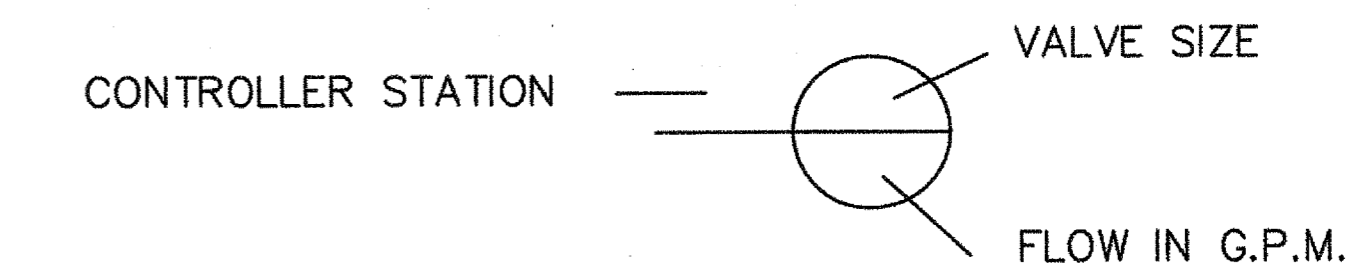
INSTALLATION NOTES

- COORDINATE IRRIGATION INSTALLATION WITH PLANTING PLAN AND SITE CONDITIONS TO PROVIDE COMPLETE COVERAGE WITH MINIMUM OVERSPRAY. THE IRRIGATION CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO ENSURE PROPER COVERAGE AT NO ADDITIONAL COST TO THE OWNER.
- CONFIRM STATIC WATER PRESSURE OF 60 PSI AT LEAST 7 DAYS BEFORE BEGINNING WORK. IF STATIC WATER PRESSURE IS LESS THAN STATED ABOVE, DO NOT PROCEED UNTIL DIRECTED SO BY THE LANDSCAPE ARCH.
- THE IRRIGATION CONTRACTOR WILL SECURE ALL REQUIRED PERMITS AND PAY ALL ASSOCIATED FEES UNLESS OTHERWISE NOTED. ALL LOCAL CODES SHALL PREVAIL OVER ANY DISCREPANCIES HEREIN.
- LATERAL PIPE SHALL BE INSTALLED AT A MINIMUM DEPTH OF 12 INCHES. MAINLINE PIPE AND WIRES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 16 INCHES.
- UNSLEEVED PIPES MAY BE SHOWN UNDER PAVEMENT FOR GRAPHIC CLARITY ONLY. INSTALL THESE PIPES IN ADJACENT LANDSCAPED AREAS.
- ALL VALVE WIRE CONNECTIONS MUST BE SPICED WITH A TAN COLORED KING ONE STEP CONNECTOR. ALL VALVE BOX SPICES ARE TO BE HOUSED IN A LARGE RECTANGULAR ARMOR VALVE BOX.
- 24 VOLT VALVE WIRE SHALL BE A MINIMUM OF #14 GAUGE, U.F. APPROVED FOR DIRECT BURIAL, SINGLE CONDUCTOR "IRRIGATION WIRE". ALL FIELD WIRE SPICES SHALL BE ENCASED IN A DBY CONNECTOR. ALL FIELD SPICES SHALL BE LOCATED IN A ROUND ARMOR VALVE BOX OF SUFFICIENT SIZE TO ALLOW INSPECTION.
- VALVE BOXES SHALL BE INSTALLED FLUSH WITH GRADE, SUPPORTED BY BRICKS IF NEEDED, WITH 3-4 INCHES OF CLEAN PEA GRAVEL LOCATED BELOW THE VALVE. USE ARMOR 12" RECTANGULAR VALVE BOXES FOR ELECTRIC VALVES AND QUICK COUPLING VALVES UNLESS NOTED OTHERWISE.
- USE LASCO SWING JOINTS FOR ALL QUICK COUPLER CONNECTIONS.
- ALL SPRAY HEADS SHALL BE CONNECTED WITH A 6" X 1/2" POLYETHYLENE GREEN NIPPLE. ALL ROTOR HEADS SHALL BE CONNECTED WITH A 6" X 3/4" POLYETHYLENE GREEN NIPPLE.
- PROVIDE THREE BUCKNER V075 QUICK COUPLER KEYS WITH HOSE-END SWIVELS.
- CONTRACTOR IS TO CONTACT APPROPRIATE AUTHORITIES AND LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.
- SUBSURFACE DRIP IRRIGATION FOR ALL SHRUBS SHALL INCLUDE NETAFIM TECHLINE, #TLCV4-1210, GRID TRUNK LINES SHALL BE RIGID CLASS 200 PVC PIPE, BURIED TO A DEPTH OF 10". DRIPPER LINES SHALL BE INSTALLED IN CENTER FED GRIDS, IN ROWS SPACED 12" APART, AT GRADE. MANUAL FLUSH VALVE, NETAFIM #TISOV SHALL BE INSTALLED AT FARTHEST POINTS FROM ZONE VALVE. MAXIMUM SINGLE DRIP TUBE RUN SHALL NOT EXCEED 150 LINEAR FEET. USE NETAFIM 17 MM BARBED FITTINGS FOR DRIPPER LINE CONNECTIONS. SET VALVE PRESSURE REGULATORS TO MAX. 30 PSI. TECHLINE CV SHALL BE INSTALLED PERPENDICULAR TO SLOPE FACE. INSTALL TLCV IN-LINE CHECK VALVES FOR EVERY 4.5 FEET OF DRIP LINE ELEVATION CHANGE WITHIN THE ZONE. NETAFIM STAPLES (#TSL6) SHALL BE INSTALLED EVERY 4 LINEAR FEET OF DRIP TUBE. THE CONTRACTOR SHALL CONTACT NETAFIM REPRESENTATIVE MR. DAVID HAMMOND 888.638.2346, AND SCHEDULE PRE-CONSTRUCTION TRAINING ON CORRECT INSTALLATION PROCEDURES FOR SUB-SURFACE DRIP EQUIPMENT.

LEGEND

- RAINBIRD #1804-PRS POP UP SPRAY HEAD WITH HUNTER PCN-25 PRESSURE COMPENSATING BUBBLER NOZZLE.
- RAINBIRD #1804-PRS POP UP SPRAY HEAD WITH HUNTER PCN-50 PRESSURE COMPENSATING BUBBLER NOZZLE.
- RAINBIRD #1804-PRS POP UP SPRAY HEAD WITH RAINBIRD NOZZLES
- HUNTER I-20 4" POP UP ROTARY HEAD, PART CIRCLE, #4 NOZZLE
- HUNTER I-20 4" POP UP ROTARY HEAD, FULL CIRCLE, #8 NOZZLE
- NETAFIM DRIP TUBE INSTALLED AS DETAILED. SEE INSTALLATION NOTE #13.
- IRRITROL 200B SERIES ELECTRIC REMOTE CONTROL VALVE, WITH SPEARS BALL VALVE
- IRRITROL 200B SERIES ELECTRIC REMOTE CONTROL VALVE, WITH SPEARS BALL VALVE, FOR DRIP ZONES. NETAFIM TECHFILTER #TF075412-100CV SERIES
- SEE INSTALLATION NOTE #13 REGARDING SUBSURFACE IRRIGATION LAYOUT
- IRRITROL 200B SERIES ELECTRIC REMOTE CONTROL "TREE BUBBLER" VALVE, WITH SPEARS BALL VALVE
- 2" IRRITROL 200 B SERIES MASTER VALVE INSTALLED WITH BLUE WIRE FOR STATION WIRING, AND 2" DATA INDUSTRIAL FLOW METER INSTALLED WITH RAIN MASTER EV-CAB-SEN FLOW METER CABLE, INSTALLED IN 3/4" GRAY PVC CONDUIT WITH 6" OR LARGER J-BOXES PLACED EVERY 200 FEET OR WHERE 360 DEGREES OF FITTING ARE INSTALLED; ONLY SWEEP FITTINGS ARE PERMITTED. INSTALL WITHOUT SPICES.
- BUCKNER V075 3/4" SINGLE LUG QUICK COUPLING VALVE WITH METAL TOP
- SPEARS BALL VALVE WITH POSITIVE T-HANDLE, SAME SIZE AS PIPE
- WATTS 007 M SERIES D.C.A. INSTALLED PER CITY CODE, SIZE NOTED ON PLAN
- 1 1/2" IRRIGATION WATER METER AND TAP
- CLASS 200 BELLED PVC MAINLINE PIPE
- CLASS 200 BELLED (EXCEPT 1/2 INCH #315) PVC LATERAL PIPE
- 4" CLASS 200 SLEEVE PIPES, BELLED END, UNLESS NOTED OTHERWISE

L.I.C. SHALL SELECT MPR SERIES SPRAY NOZZLES FOR "HEAD-TO-HEAD" COVERAGE, ADJUSTED FOR MINIMUM OVERSPRAY ONTO WALLS AND WALKS. NO OVERSPRAY INTO STREETS IS PERMITTED.

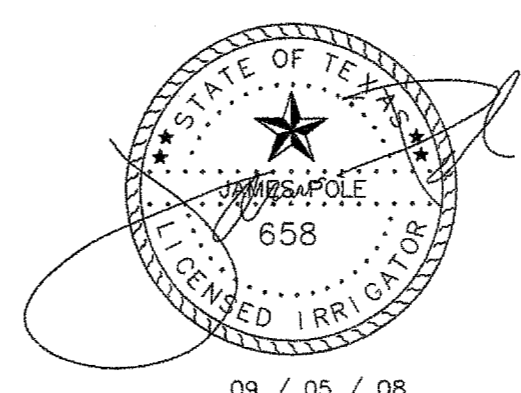


FAIRFIELD PARK
Town of Addison, Texas

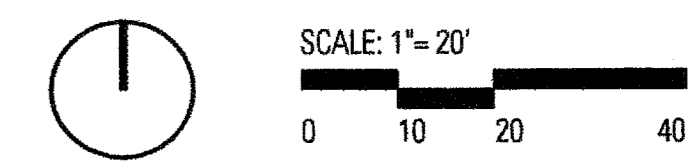
Talley Associates
Landscape Architecture
Planning
Urban Design
1925 San Jacinto, Suite 400
Dallas, Texas 75201
Tel. 214-871-7900
Fax. 214-871-7885

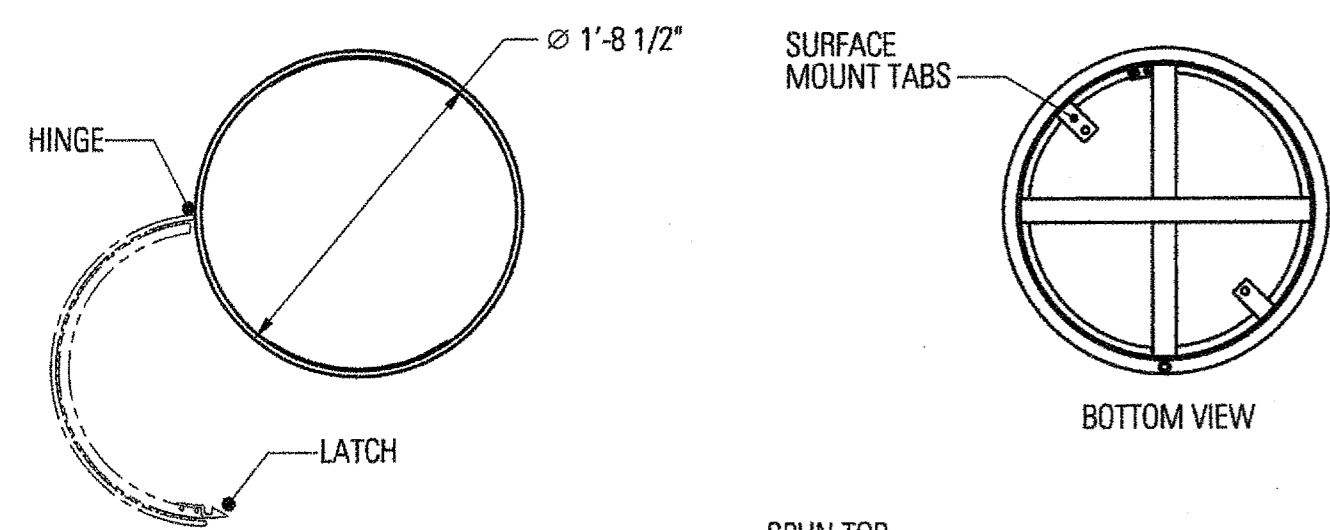
Project No.	5034
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Date:	5 September 2008
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Issued:	
Revisions:	
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Sheet Title:
IRRIGATION PLAN
L4.01
Sheet No.:



James Pole
IRRIGATION CONSULTANTS
IRRIGATION DESIGN, CONSULTING, AND
LANDSCAPE WATER MANAGEMENT
TEXAS L.I.C. #658
100 W. OAK ST., SUITE 101
DENTON, TEXAS 76201
PHONE: 940.243.2364
FAX: 940.382.2475

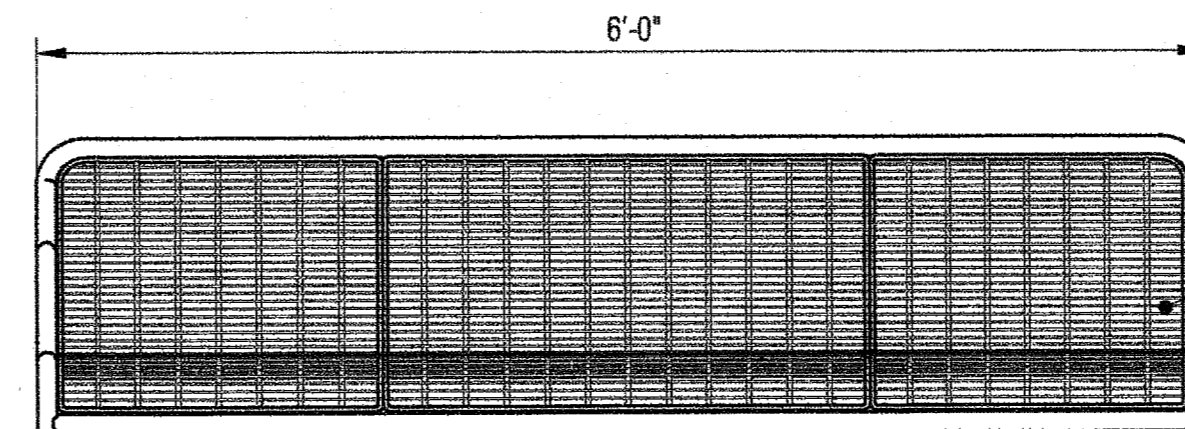
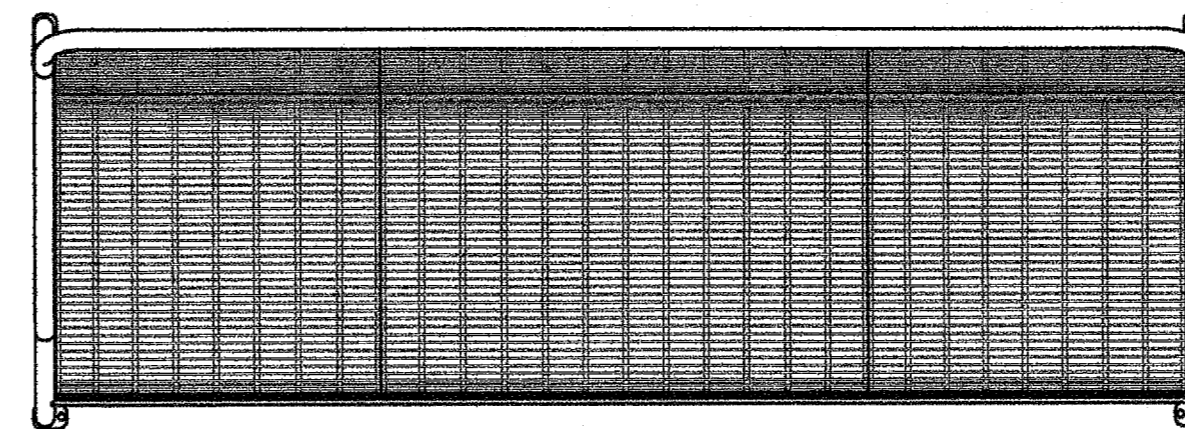




NOTE:
TRASH RECEPTACLE (FREESTANDING/
SURFACE MOUNT SIDE OPENING LITTER)
FROM LANDSCAPE FORMS
DESIGN GROUP: PLEXUS COLLECTION
LITTER RECEPTACLE
SIZE: 30 GALLON
POWDERCOAT COLOR: BLACK

SURFACE MOUNTING INSTRUCTIONS:

1. WHERE LITTER RECEPTACLE IS TO BE INSTALLED ON POURED CONCRETE USE 3/8" DIA. NON-CORROSSIVE, STUD TYPE EXPANSION ANCHOR, MINIMUM OF 2 1/2" LONG.
2. WHERE LITTER RECEPTACLE IS TO BE INSTALLED ON BRICK PAVERS USE 3/8" DIA. NON-CORROSSIVE, STUD TYPE EXPANSION ANCHOR, W/ENOUGH LENGTH TO GO THROUGH BRICK AND INTO CONCRETE A MINIMUM OF 2".

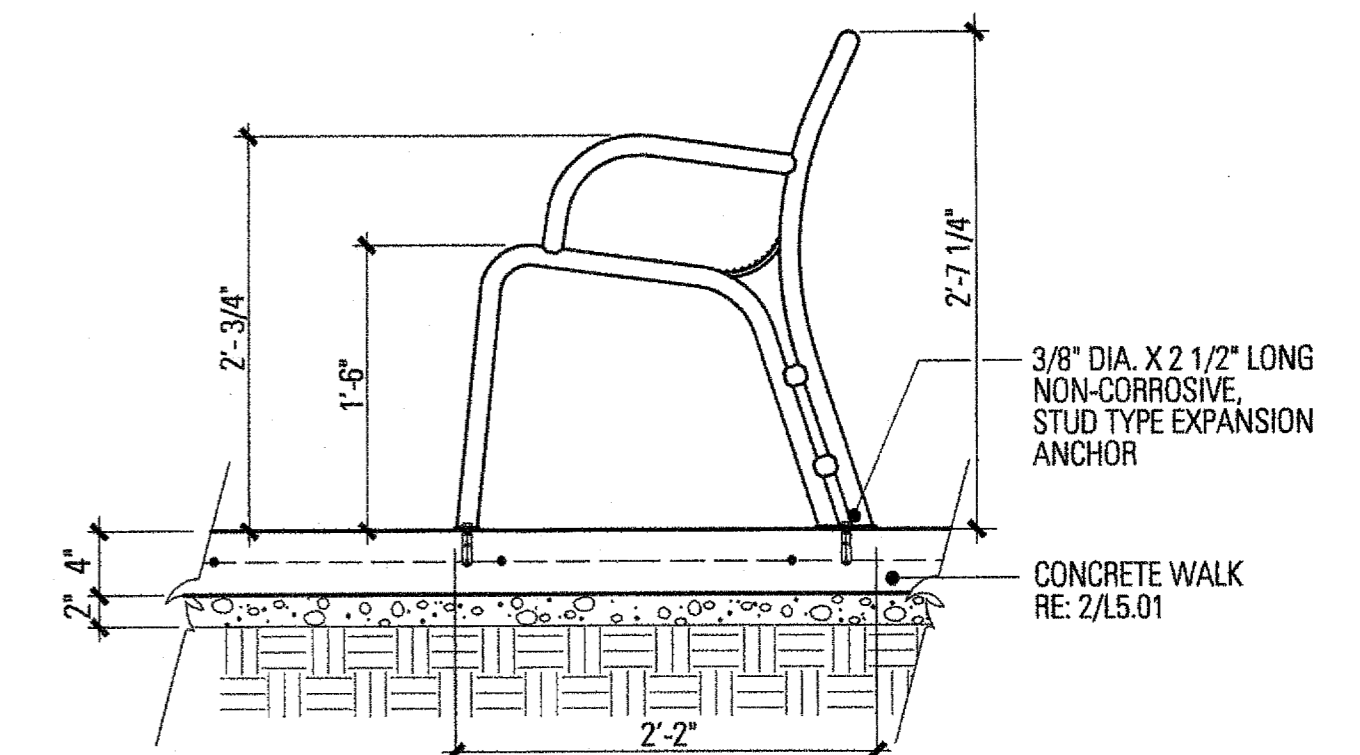


NOTE:
BACKED BENCH (SURFACE MOUNT,
FREESTANDING W/ ARMS)
FROM LANDSCAPE FORMS
DESIGN GROUP: MANISTEE
BACKED BENCH W/ARMS
SIZE: 72" LENGTH
POWDERCOAT COLOR: BLACK

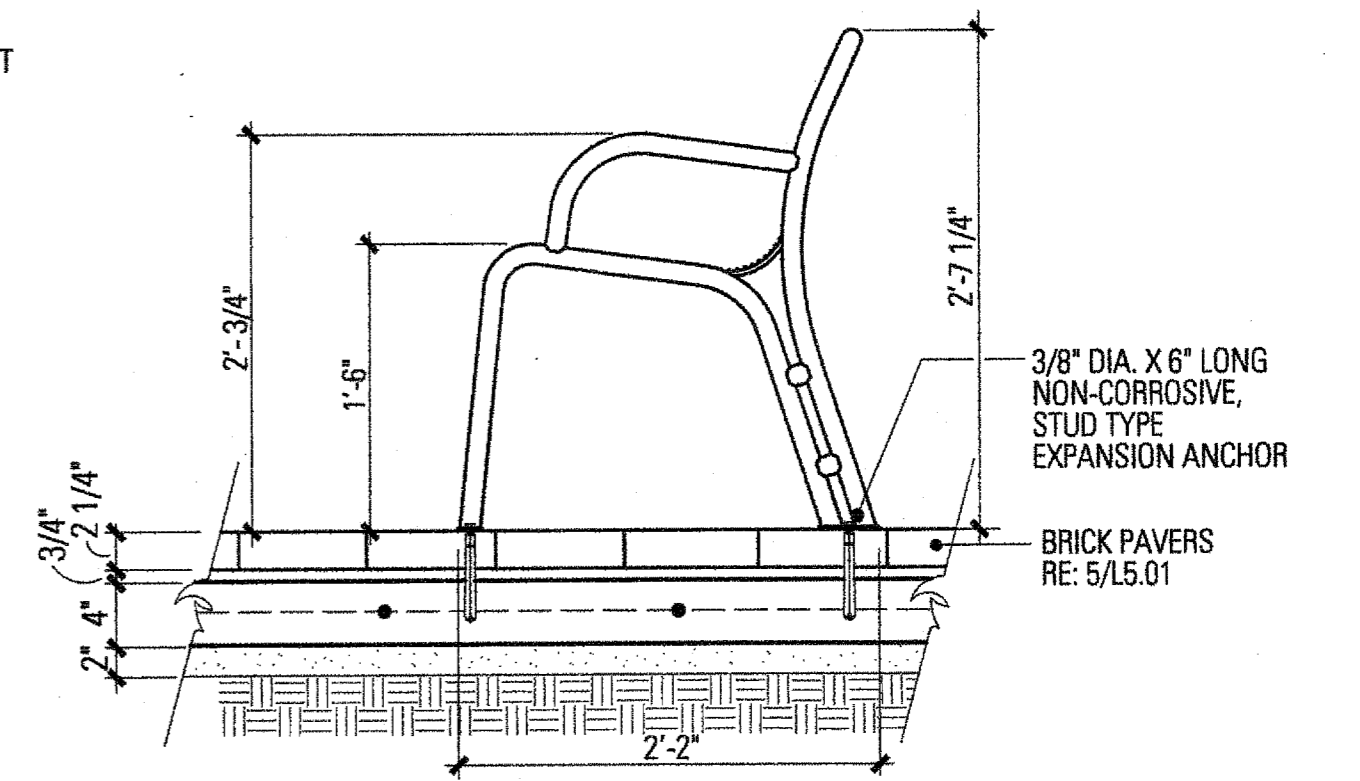
MANUFACTURER:
LANDSCAPE FORMS
www.landscapeforms.com
CONTACT:
DIANE COLLIER
LANDSCAPE FORMS DALLAS OFFICE
(888) 667-1145

SURFACE MOUNTING INSTRUCTIONS:

1. WHERE BENCH IS TO BE INSTALLED ON POURED CONCRETE USE 3/8" DIA. NON-CORROSSIVE, STUD TYPE EXPANSION ANCHOR, MINIMUM OF 2 1/2" LONG.
2. WHERE BENCH IS TO BE INSTALLED ON BRICK PAVERS USE 3/8" DIA. NON-CORROSSIVE, STUD TYPE EXPANSION ANCHOR, W/ENOUGH LENGTH TO GO THROUGH BRICK AND INTO CONCRETE A MINIMUM OF 2 1/2".



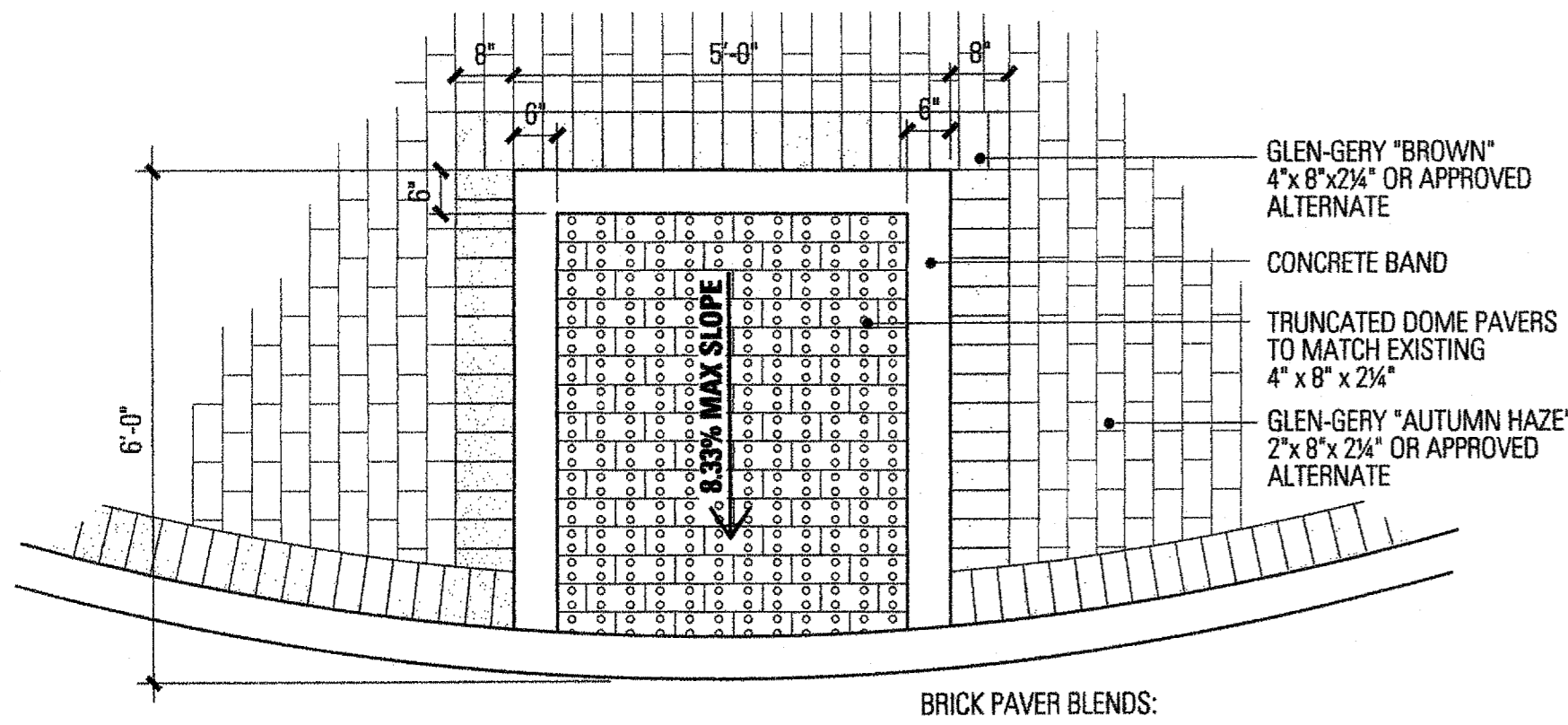
SURFACE MOUNT-CONCRETE WALK



SURFACE MOUNT-BRICK PAVERS

9 TRASH RECEPTACLE

SCALE: 1"=1'-0"

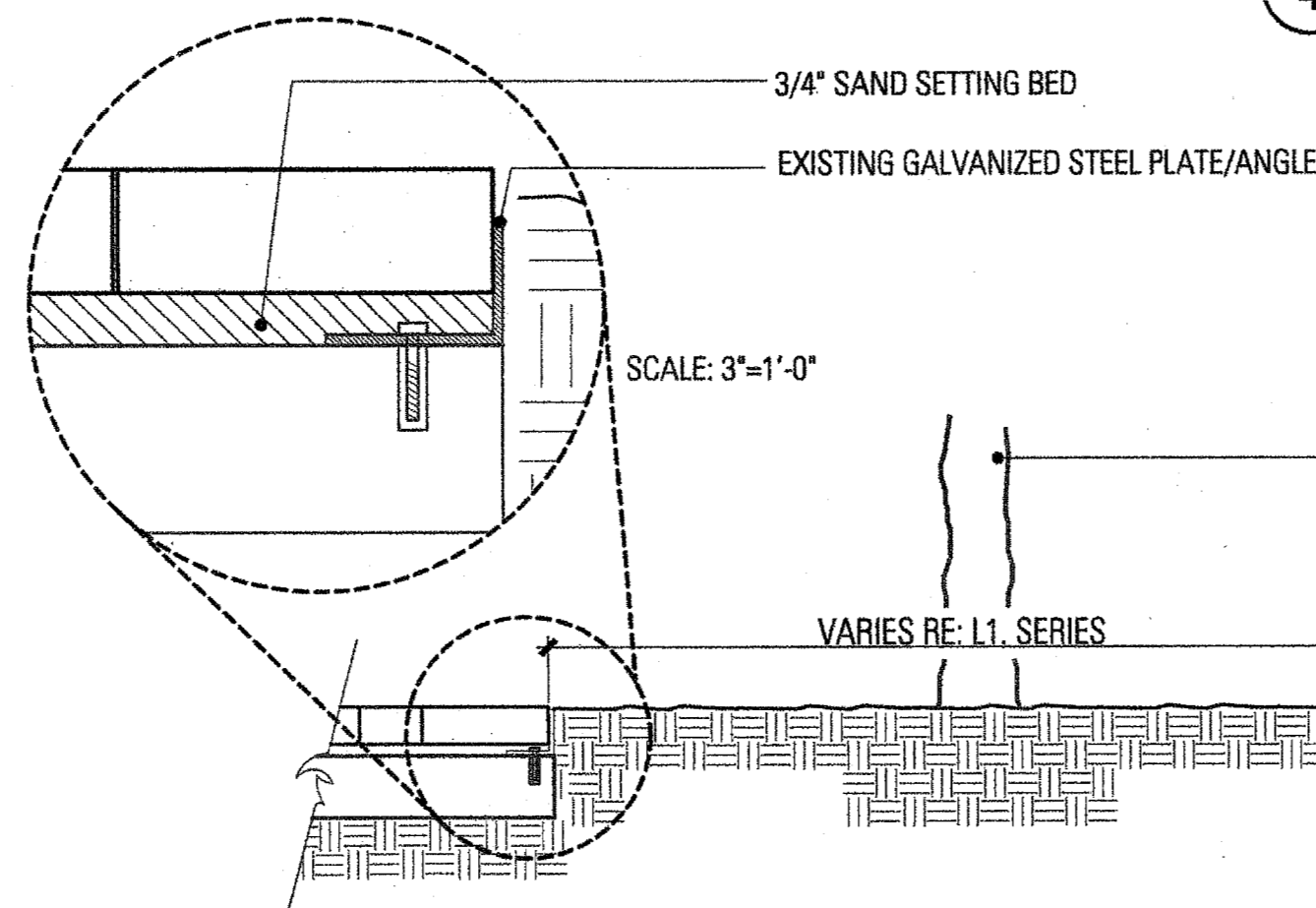


BRICK PAVER BLENDS:

1. BRICK PAVER "TYPE 1" GLEN-GERY "AUTUMN HAZE" 2"x 8"x 2-1/4" OR APPROVED ALTERNATE
2. BRICK PAVER "TYPE 2" GLEN-GERY "BROWN" 4"x 8"x 2-1/4" OR APPROVED ALTERNATE

4 BENCH

SCALE: 1"=1'-0"



6 BRICK PAVER PLANTER

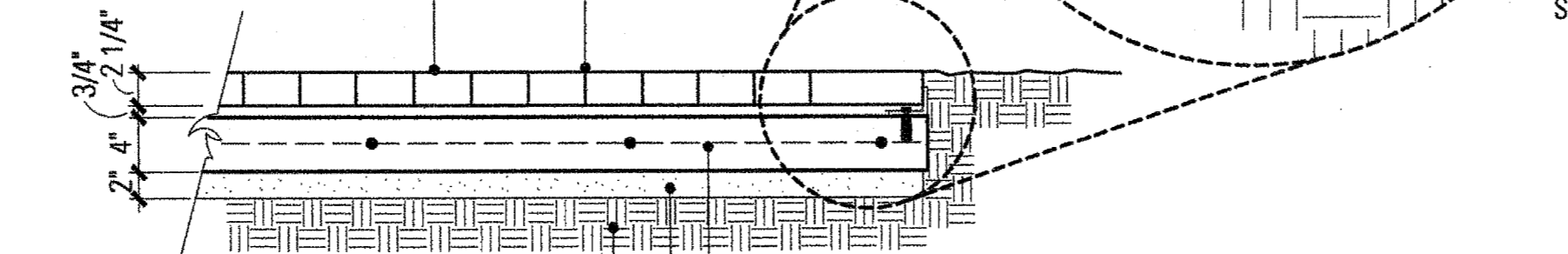
SCALE: 1"=1'-0"

BRICK PAVER BLENDS:

1. BRICK PAVER "TYPE 1" GLEN-GERY "AUTUMN HAZE" 2"x 8"x 2-1/4" OR APPROVED ALTERNATE
2. BRICK PAVER "TYPE 2" GLEN-GERY "BROWN" 4"x 8"x 2-1/4" OR APPROVED ALTERNATE

HAND TIGHT JOINTS SWEEP WITH 1 PART PORTLAND CEMENT TO 2 PARTS SAND

GLEN-GERY "AUTUMN HAZE" 2"x 8"x 2-1/4" OR APPROVED ALTERNATE



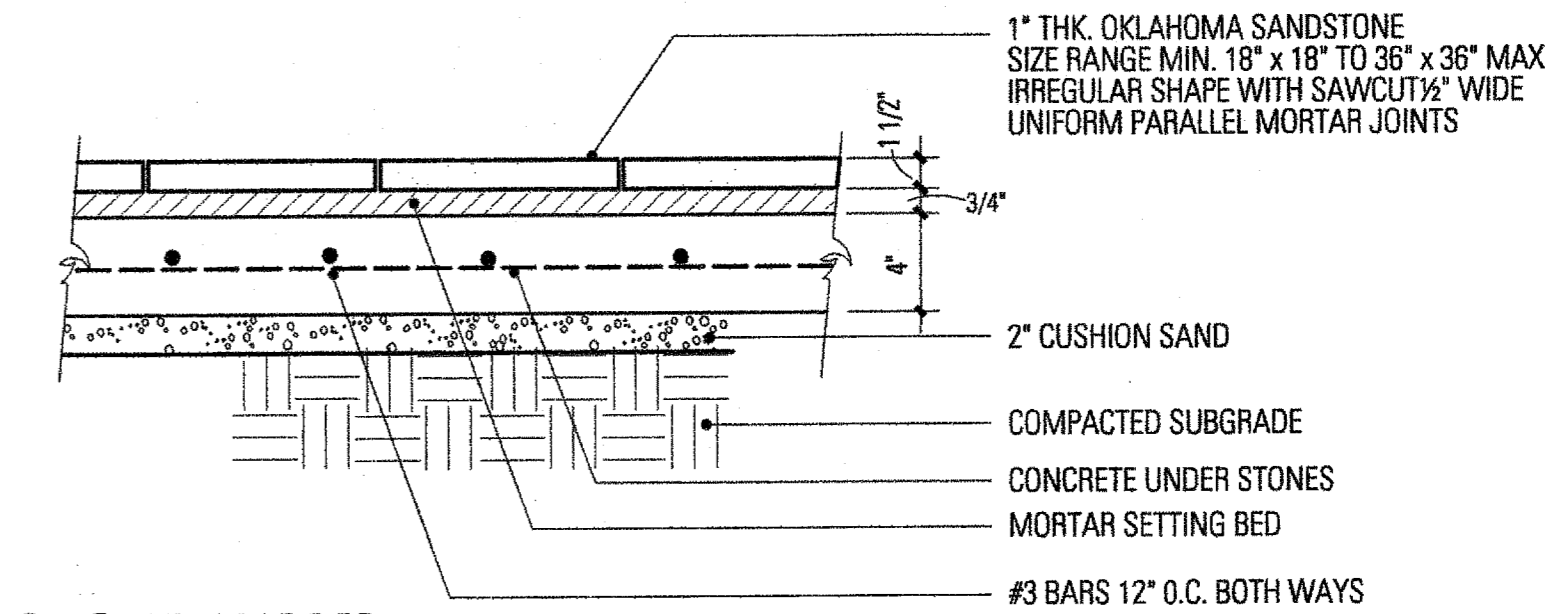
#3 REBAR 18" O.C. BOTHWAYS
CUSHION SAND
COMPACTED SUBGRADE

5 BRICK PAVERS

SCALE: 1"=1'-0"

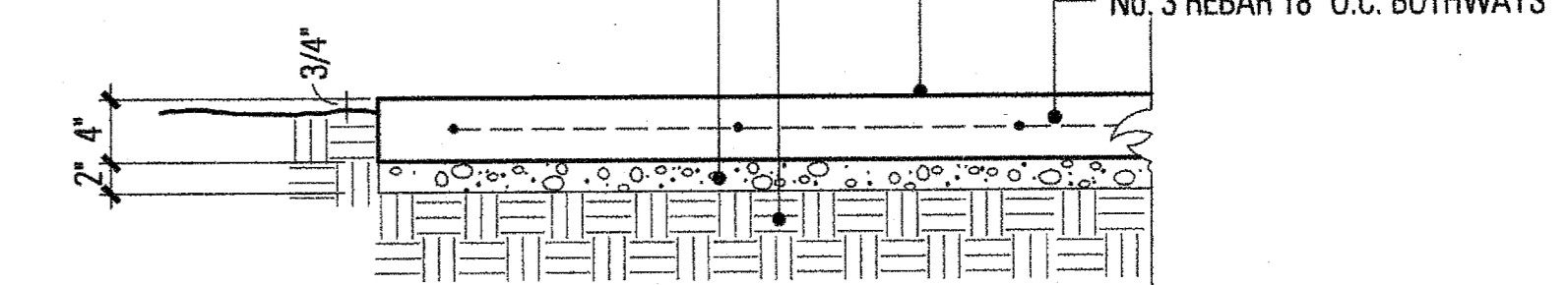
3 STONE WALK

SCALE: 1"=1'-0"



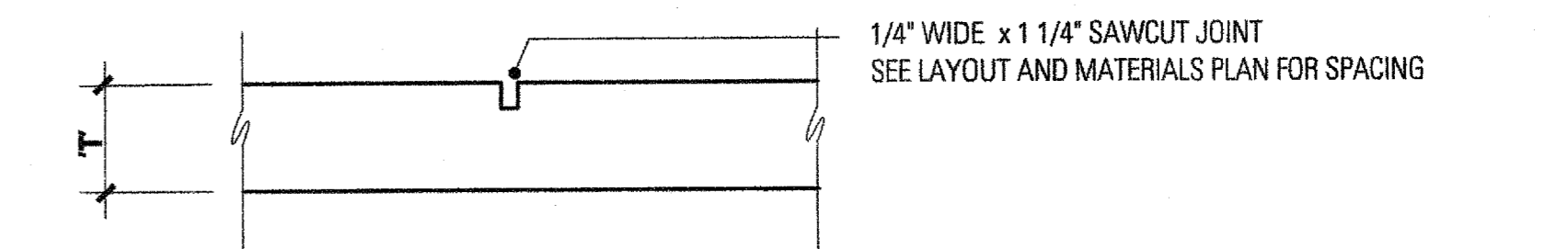
2 CONCRETE WALK SECTION

SCALE: 1"=1'-0"



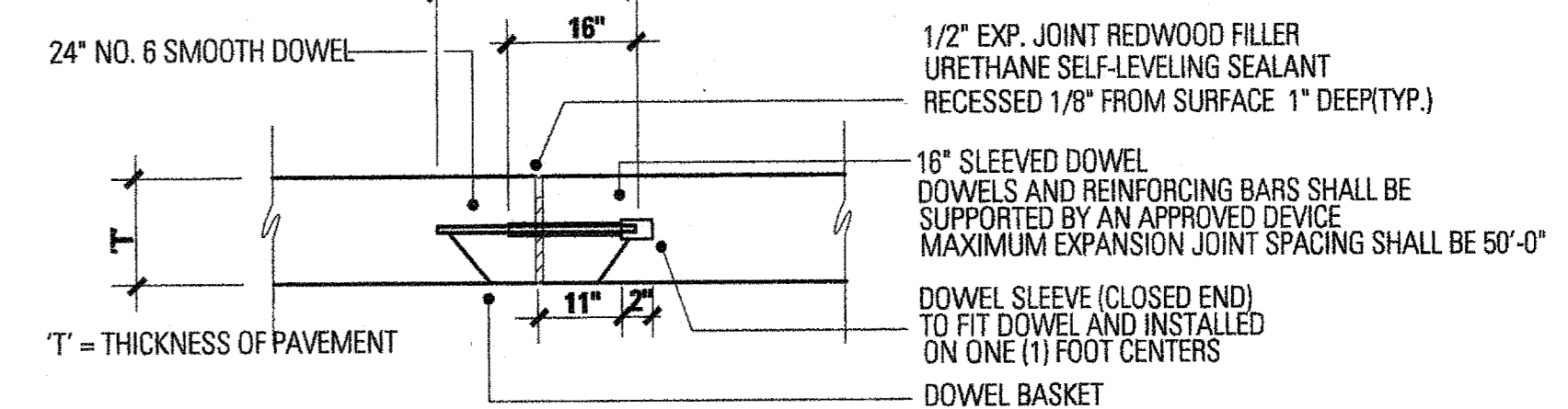
CONTROL JOINT

SCALE: 1"=1'-0"



EXPANSION JOINT WITH DOWEL

SCALE: 1"=1'-0"



1 JOINTS IN CONCRETE

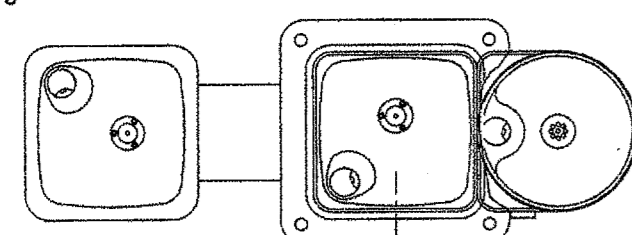
SCALE: 1/2"=1'-0"

1 JOINTS IN CONCRETE

SCALE: 1/2"=1'-0"

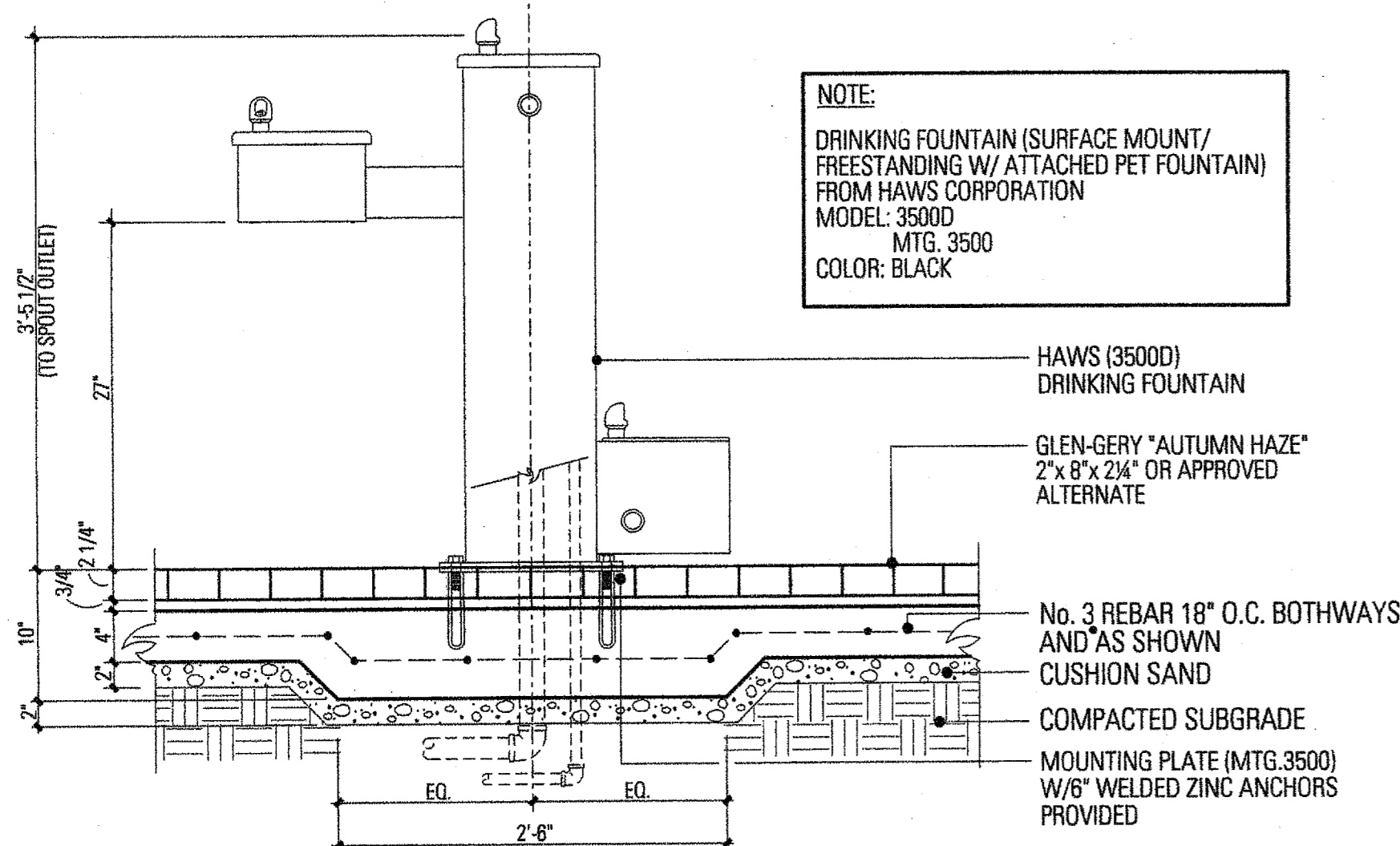
8 BARRIER FREE RAMP

SCALE: 1/2"=1'-0"



MANUFACTURER:
HAWS CORPORATION
www.hawsco.com
1455 KLEPPE LANE
SPARKS, NV 89431
(775) 359-4712

NOTE:
DRINKING FOUNTAIN (SURFACE MOUNT/
FREESTANDING W/ ATTACHED PET FOUNTAIN)
FROM HAWS CORPORATION
MODEL: 35000
MTG. 3500
COLOR: BLACK



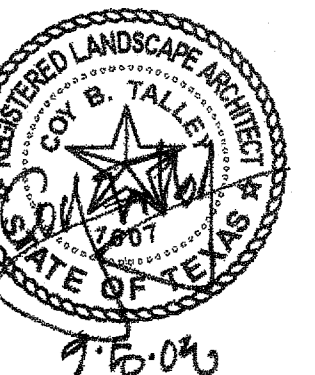
HAWS (35000) DRINKING FOUNTAIN

GLEN-GERY "AUTUMN HAZE" 2"x 8"x 2-1/4" OR APPROVED ALTERNATE

No. 3 REBAR 18" O.C. BOTHWAYS AND AS SHOWN
CUSHION SAND
COMPACTED SUBGRADE
MOUNTING PLATE (MTG. 3500) W/ 8" WELDED ZINC ANCHORS PROVIDED

7 DRINKING FOUNTAIN

SCALE: 1"=1'-0"



Project No. 5034

Drawn By: JW

Checked By: CT/KB

Date: 5 September 2008

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DETAILS

L5.01

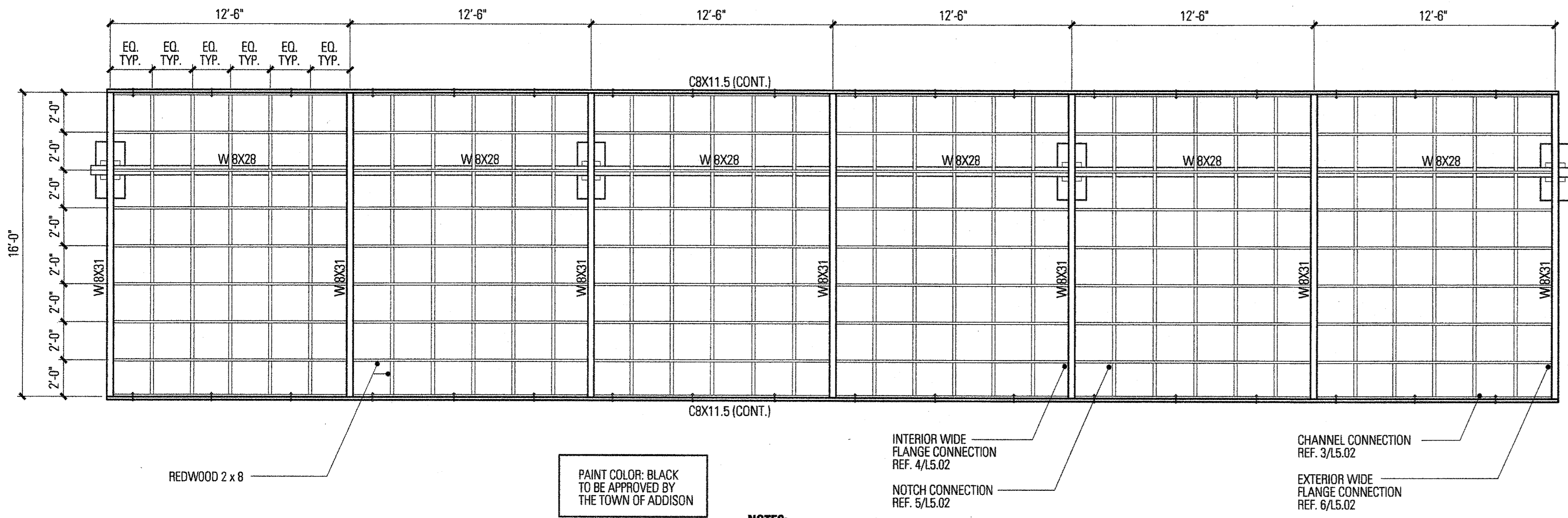
Sheet No.:

FAIRFIELD PARK

Town of Addison, Texas

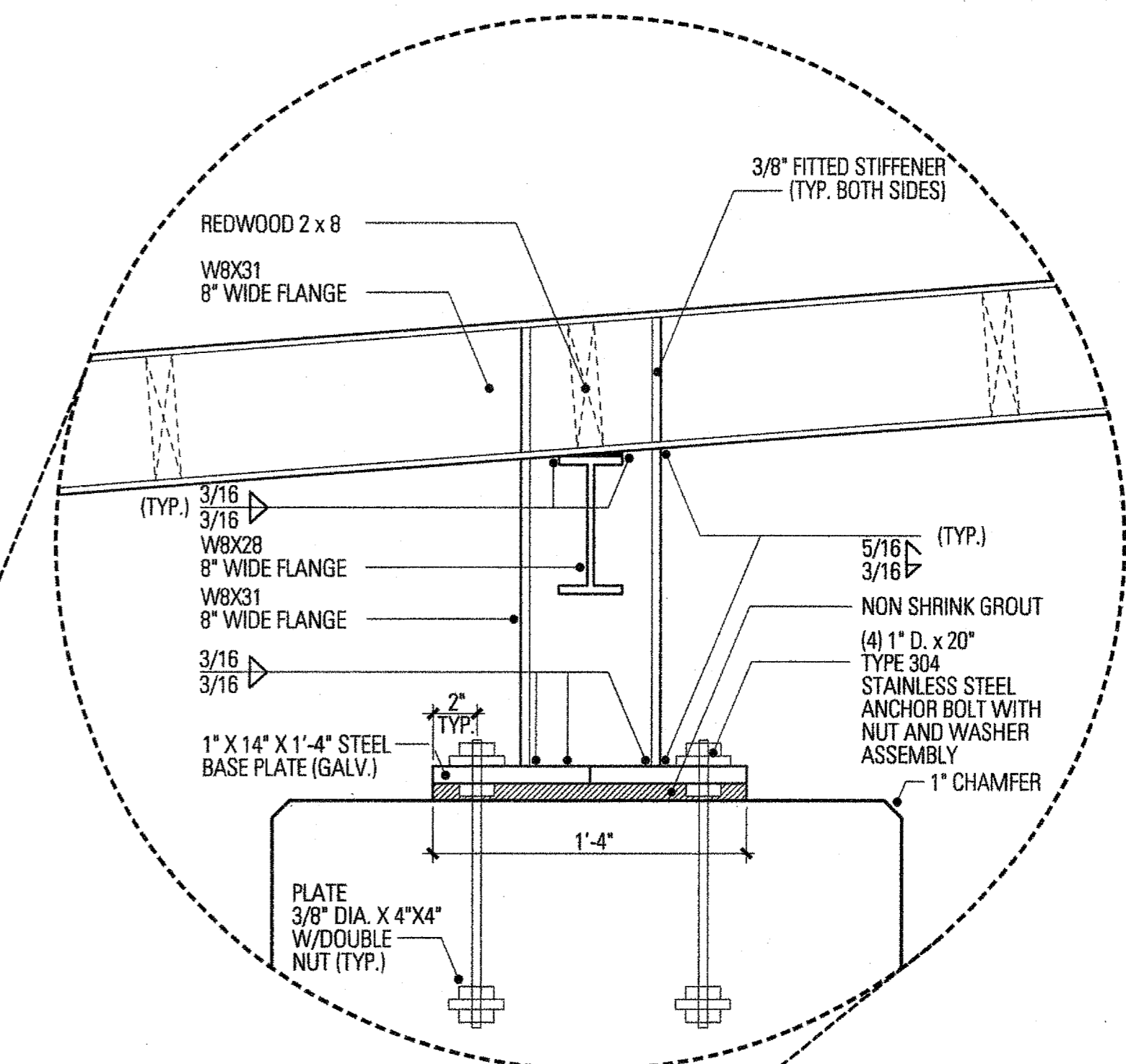
Talley Associates

Landscape Architecture
 Planning
 Urban Design
 1825 San Jacinto, Suite 400
 Dallas, Texas 75201
 Tel: 214-571-7959
 Fax: 214-571-7985



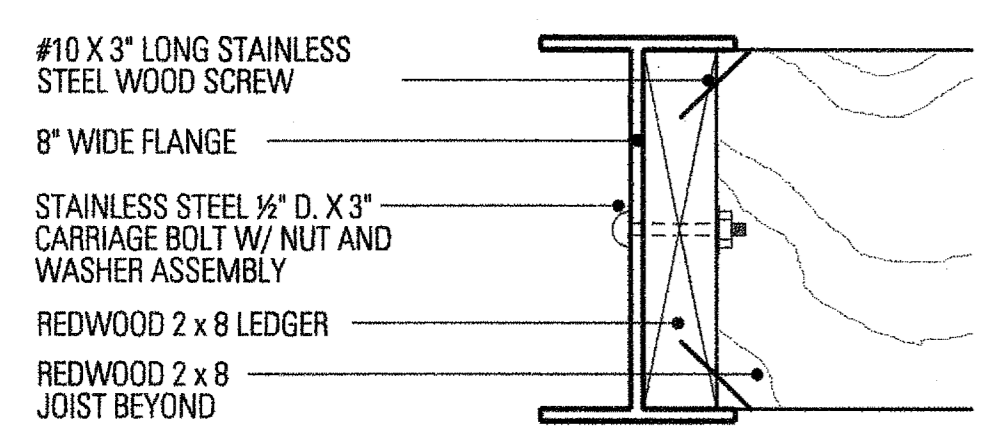
PAINT COLOR: BLACK TO BE APPROVED BY THE TOWN OF ADDISON

- NOTES:**
1. REDWOOD SHALL CLEAR ALL HEART, KILN DRIED, AND S4S.
 2. ALL FASTENERS MUST BE STAINLESS STEEL.

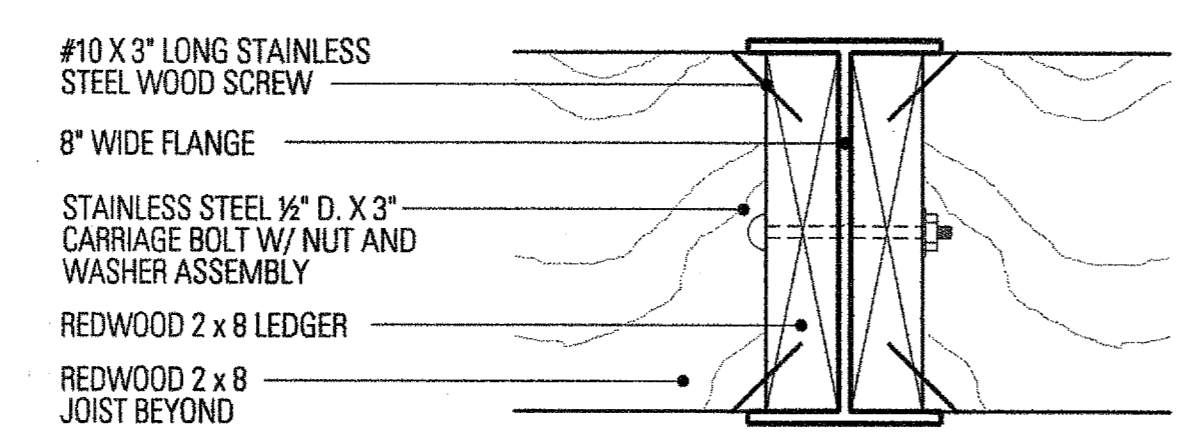


1A - TRELLIS ENLARGEMENT
 SCALE: 1 1/2" = 1'-0"

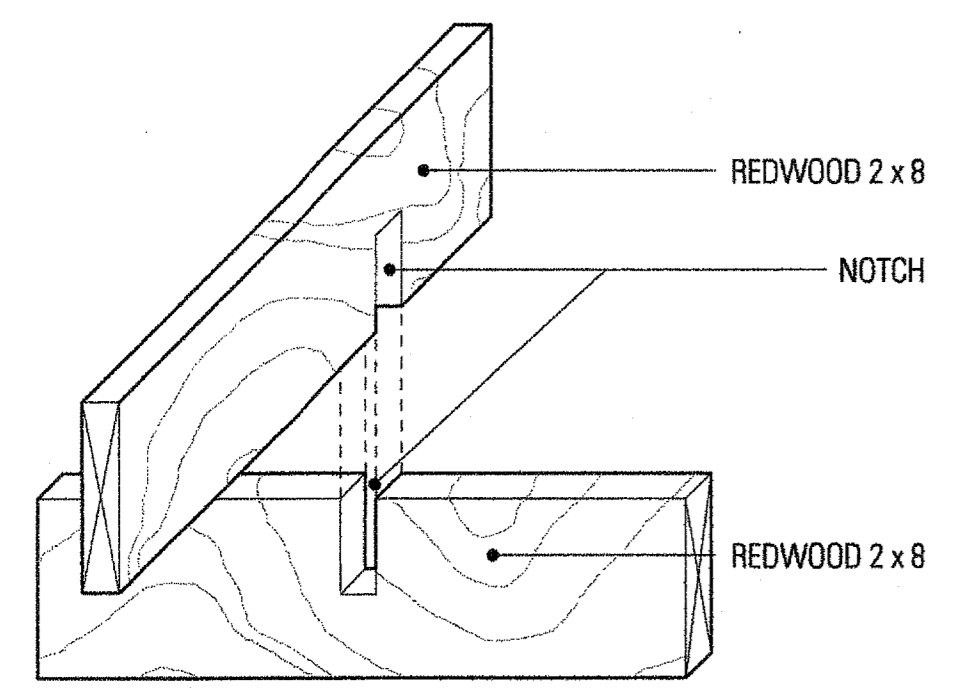
2 TRELLIS FRAMING PLAN
 SCALE: 1/4" = 1'-0"



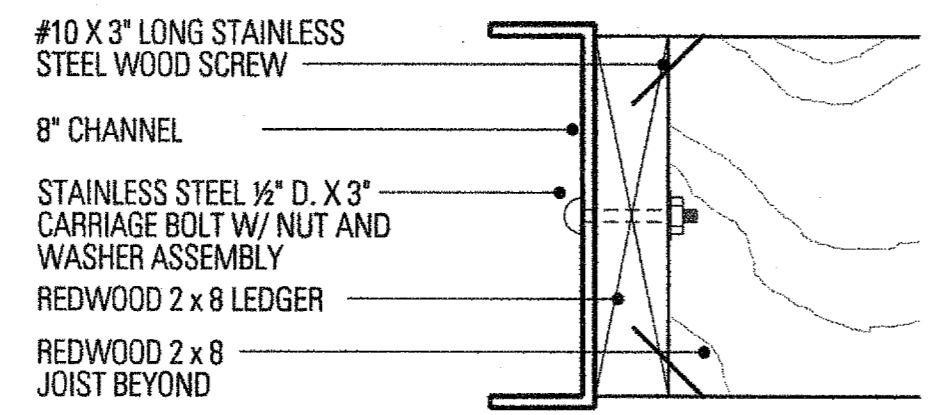
6 EXTERIOR WIDE FLANGE CONNECTION
 SCALE: 3" = 1'-0"



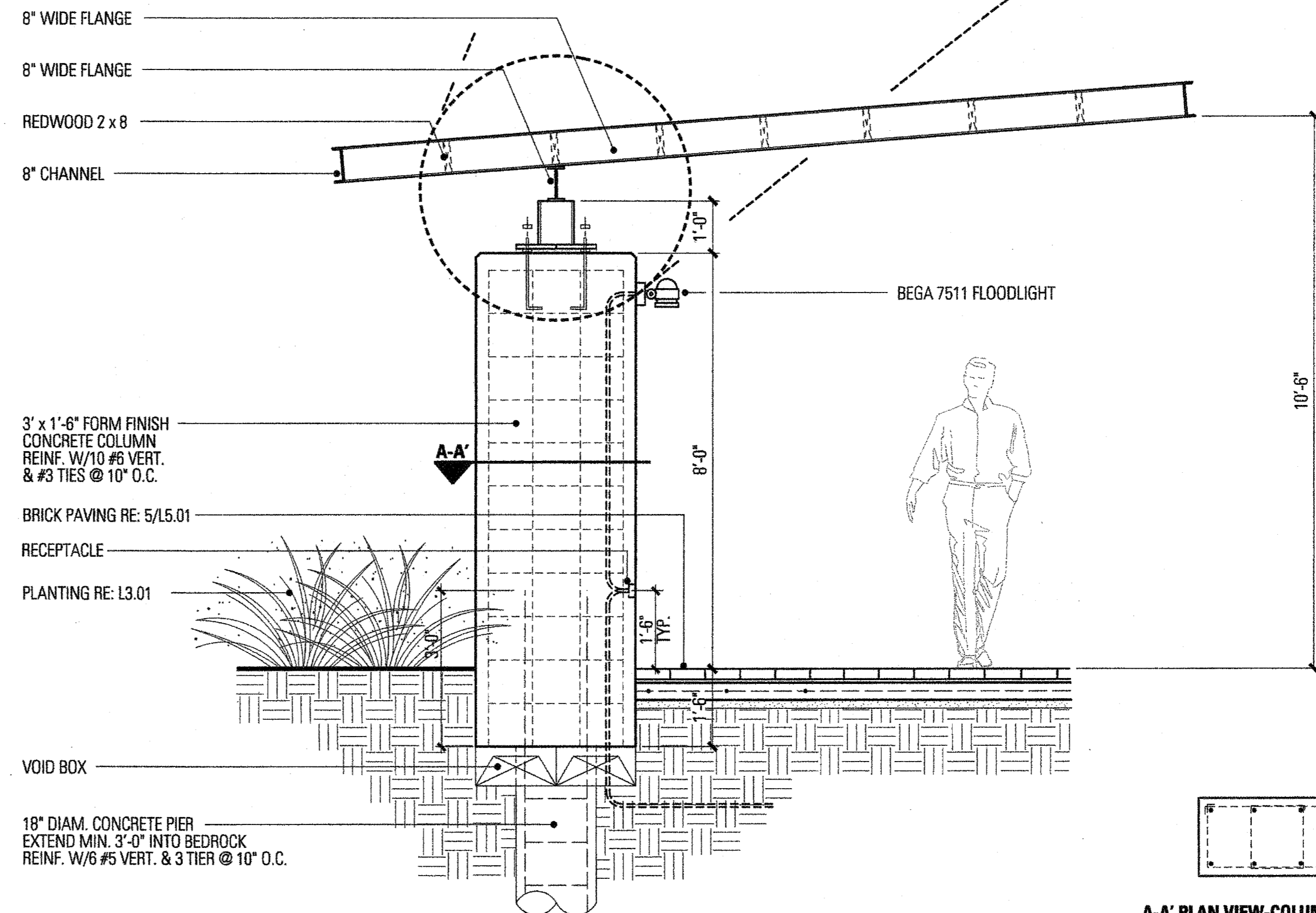
4 INTERIOR WIDE FLANGE CONNECTION
 SCALE: 3" = 1'-0"



5 NOTCH CONNECTION
 SCALE: 1 1/2" = 1'-0"

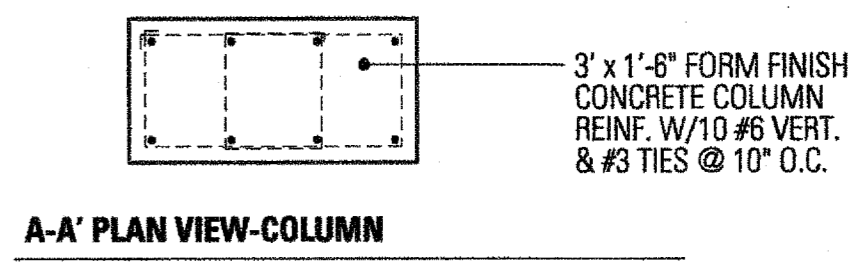


3 CHANNEL CONNECTION
 SCALE: 3" = 1'-0"

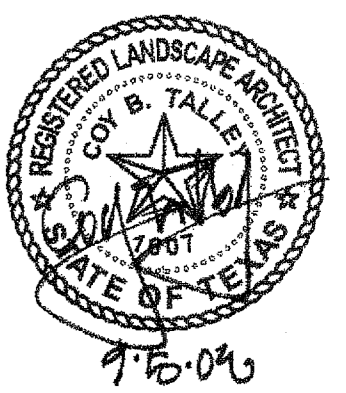


1 TRELLIS SECTION
 SCALE: 1/2" = 1'-0"

- NOTES:**
1. REDWOOD SHALL CLEAR ALL HEART, KILN DRIED, AND S4S.
 2. ALL FASTENERS MUST BE STAINLESS STEEL.



A-A' PLAN VIEW-COLUMN



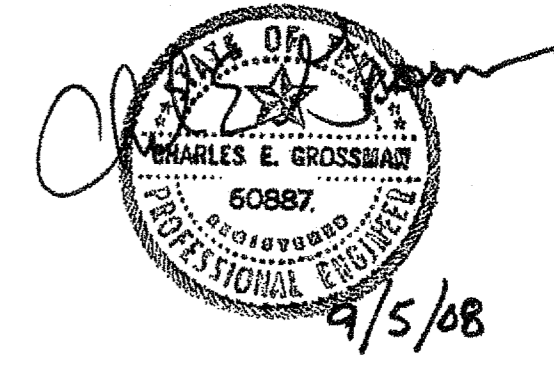
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L5.02

Sheet No.:

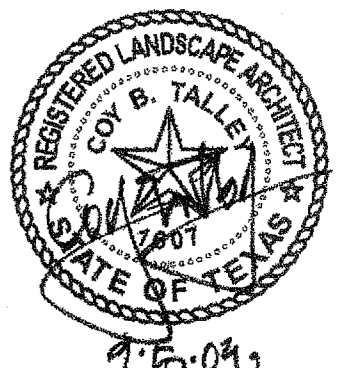


FAIRFIELD PARK

Town of Addison, Texas

TalleyAssociates

Landscape Architecture
Planning
Urban Design
1926 San Jacinto, Suite 400
Dallas, Texas 75201
Tel: 214-671-7990
Fax: 214-671-7995



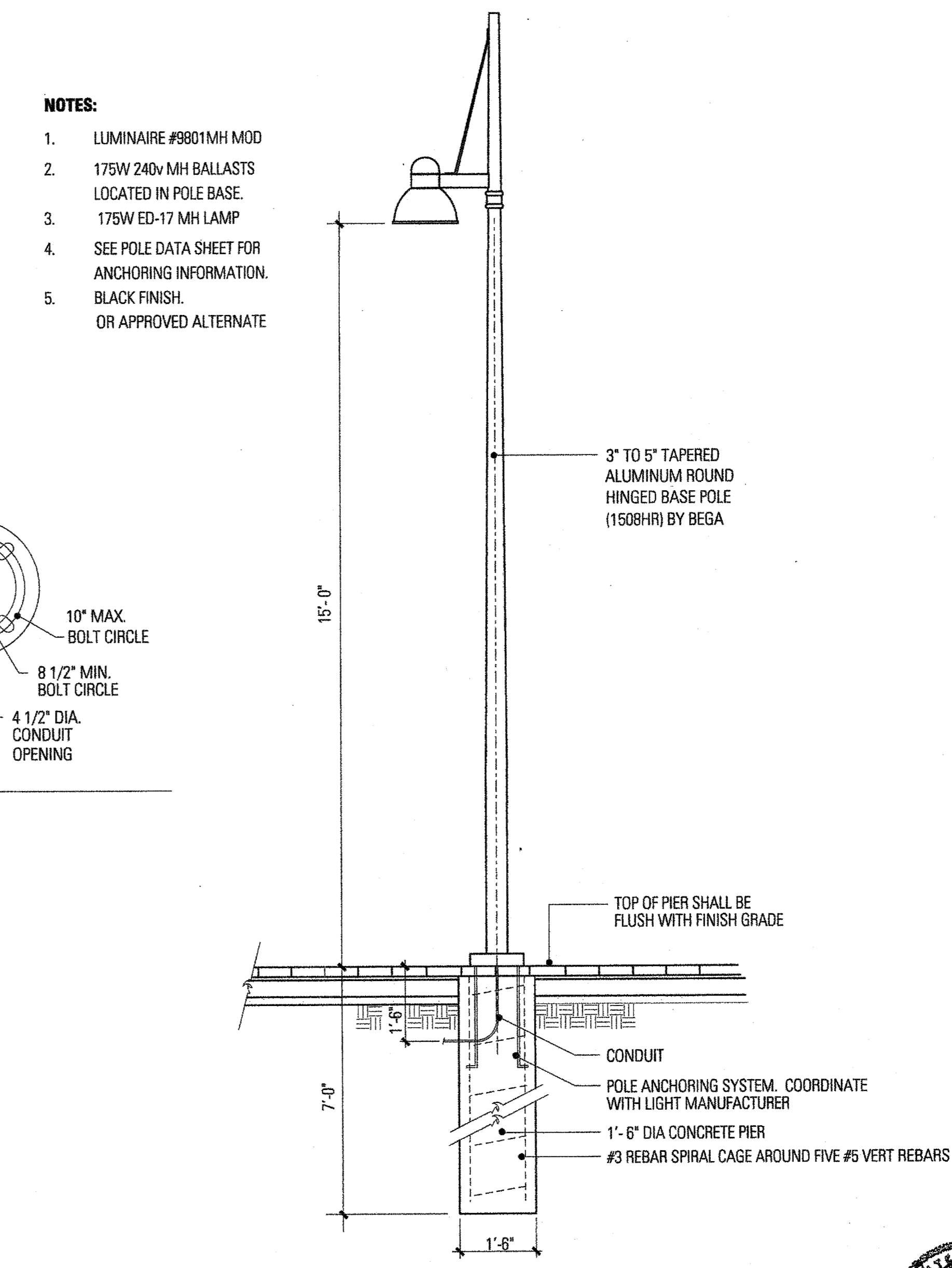
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Drawn By:	JW
Checked By:	CT/KB
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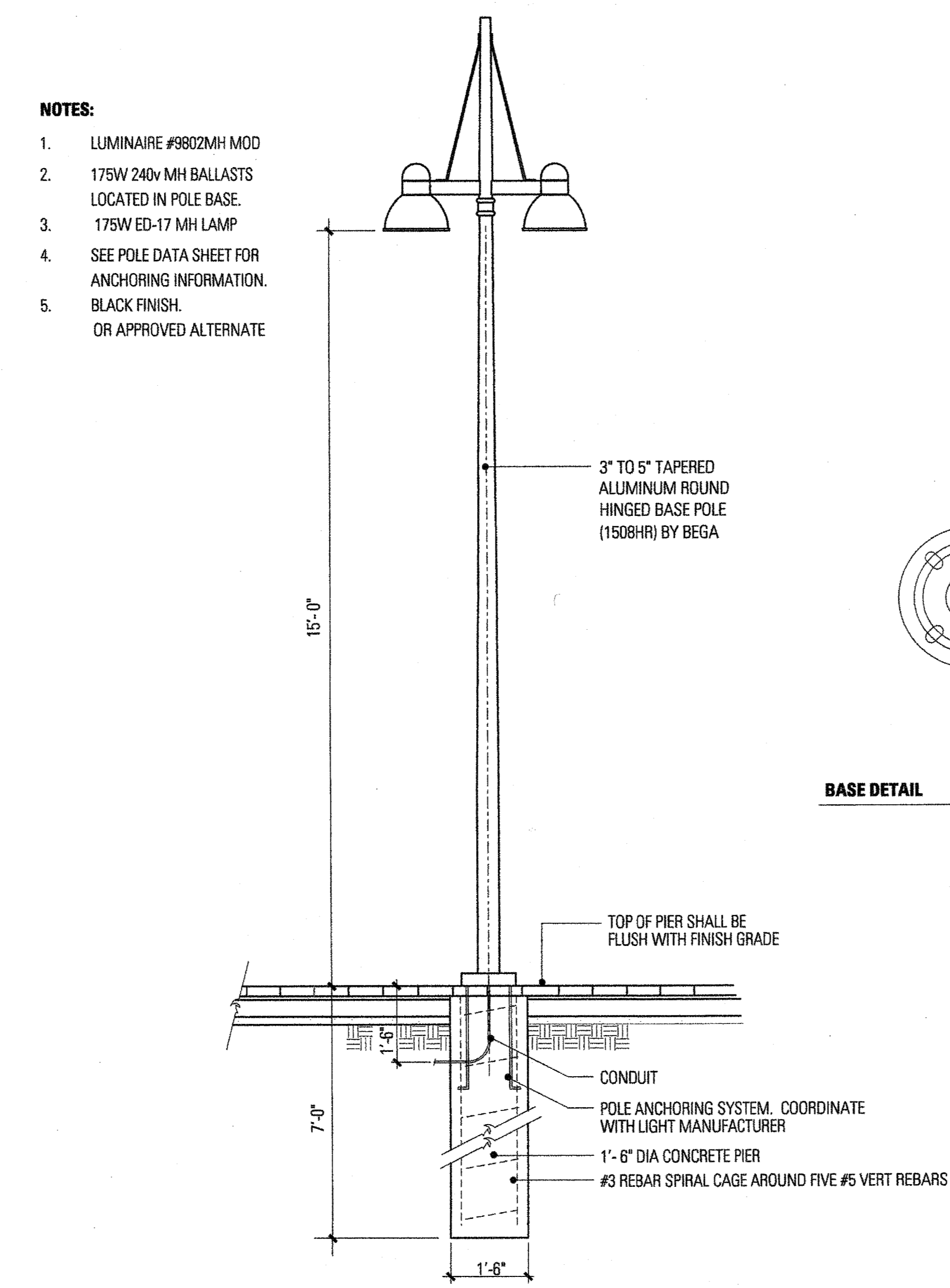
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L5.03

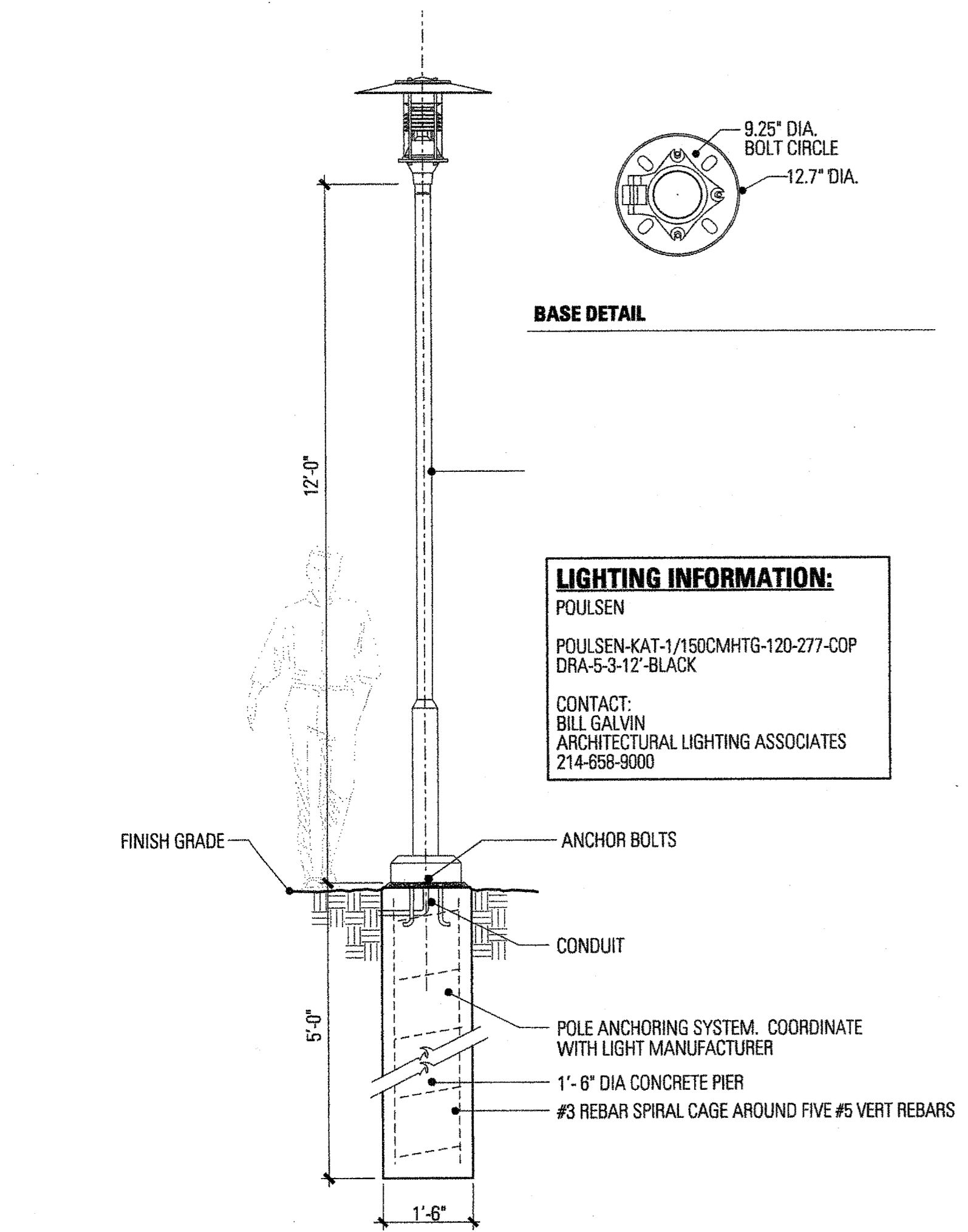
Sheet No.:



1 STREETScape LIGHT FIXTURE - TYPE 'A'
SCALE: 1/2" = 1'-0"



2 STREETScape LIGHT FIXTURE - TYPE 'B'
SCALE: 1/2" = 1'-0"



3 PEDESTRIAN LIGHT FIXTURE - TYPE 'C'
SCALE: 1/2" = 1'-0"

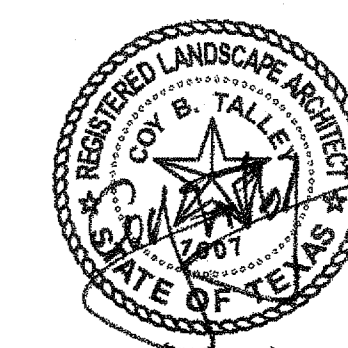
FAIRFIELD PARK

Town of Addison, Texas

Talley Associates

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Urban Design

1626 Stem Junction, Suite 400
Dallas, Texas 75201
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Fax. 214-971-7885



Project No. 6034

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Checked By: CT/KB

Date: 5 September 2008

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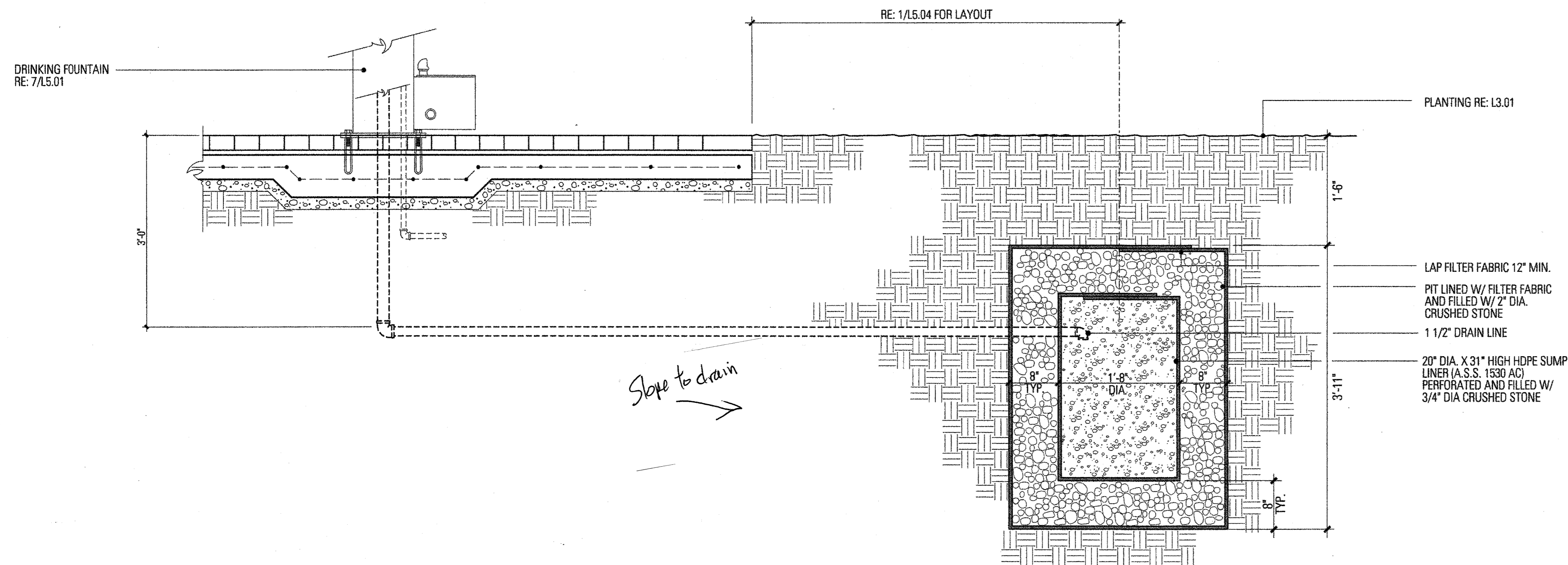
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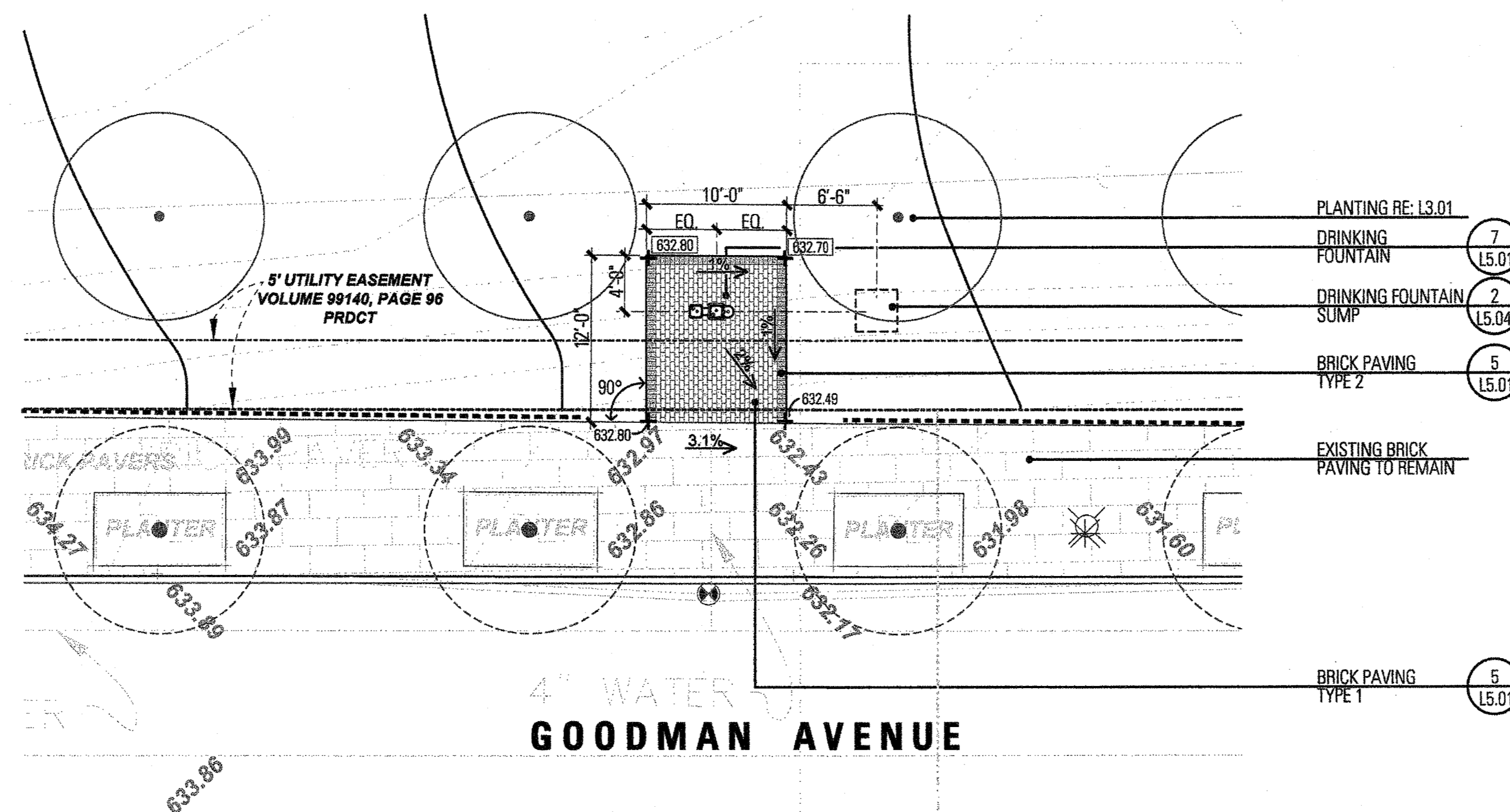
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L5.04

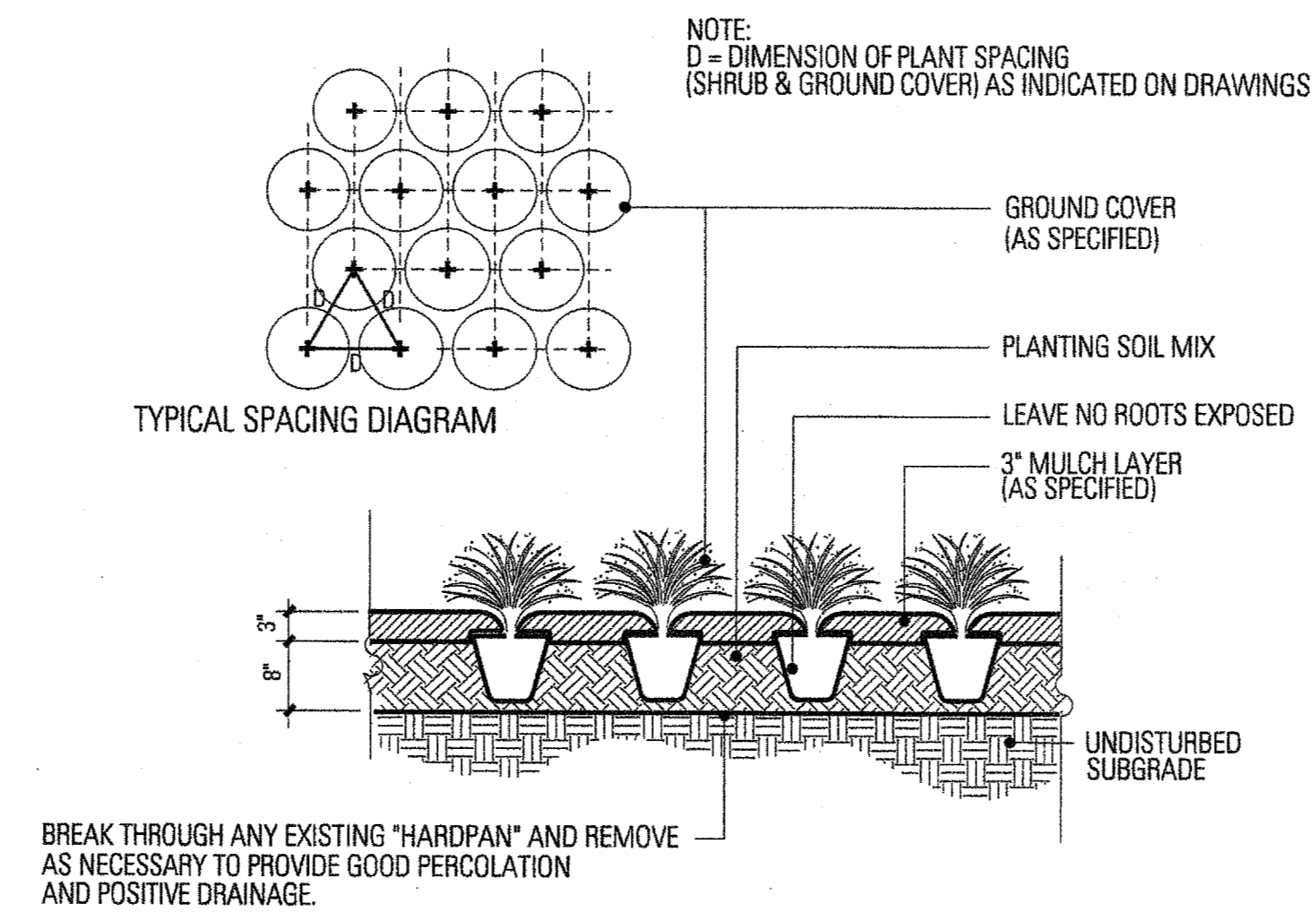
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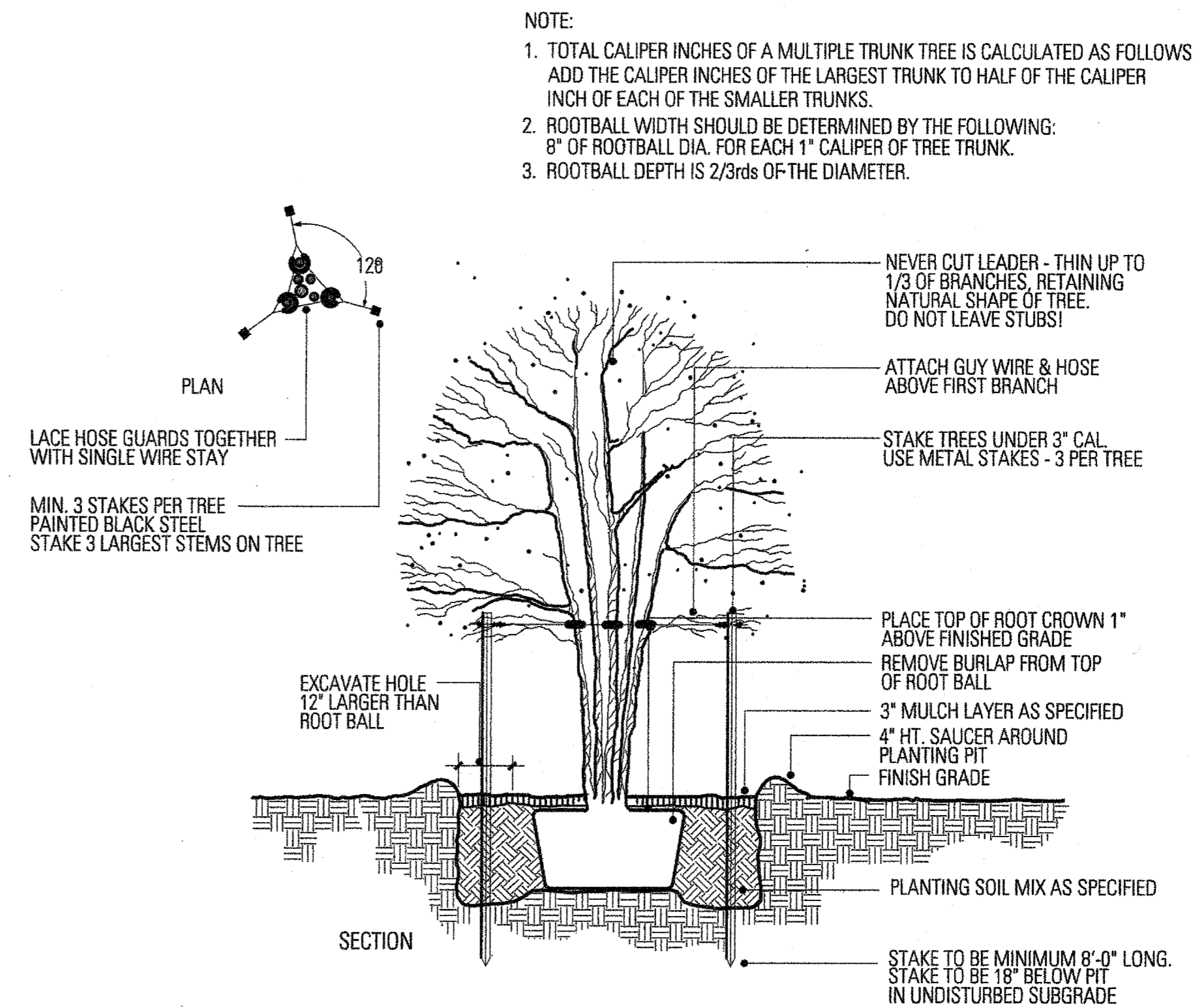
2 DRINKING FOUNTAIN SUMP
SCALE: 1" = 1'-0"



1 DRINKING FOUNTAIN/SUMP LAYOUT
SCALE: 1/8" = 1'-0"



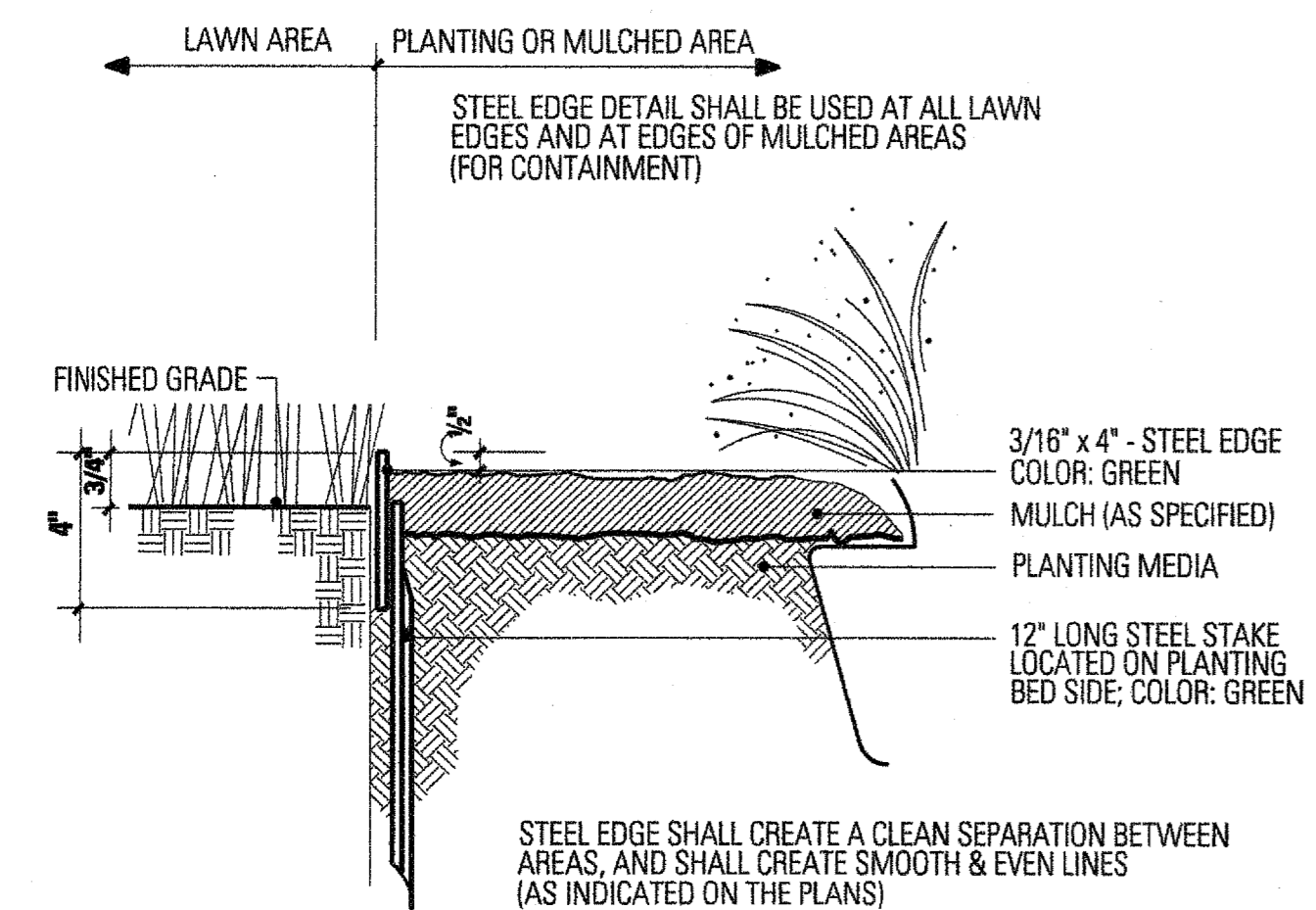
4 GROUNDCOVER PLANTING
NTS



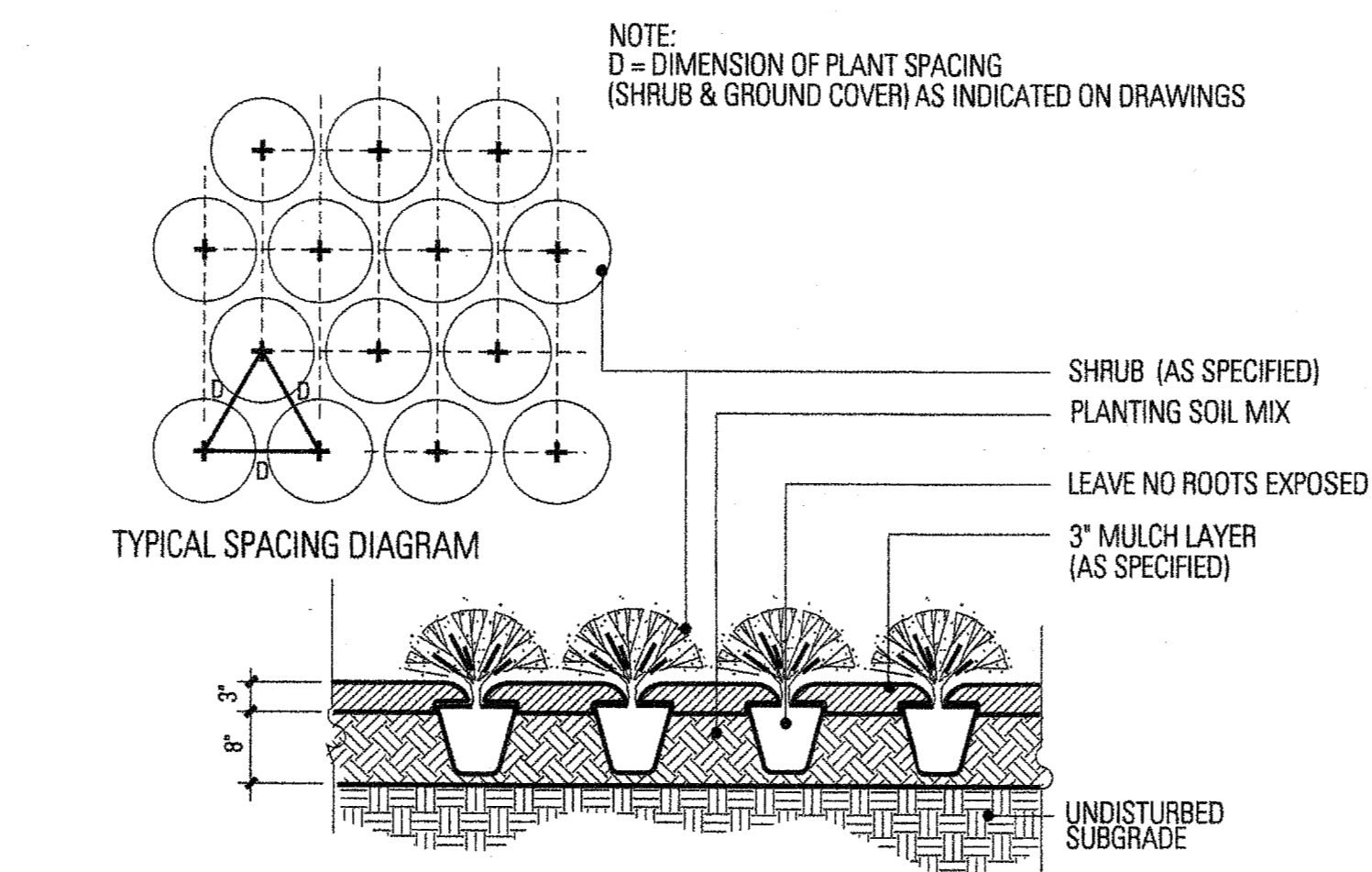
2 MULTI-STEM TREE PLANTING
NTS

PLANTING NOTES:

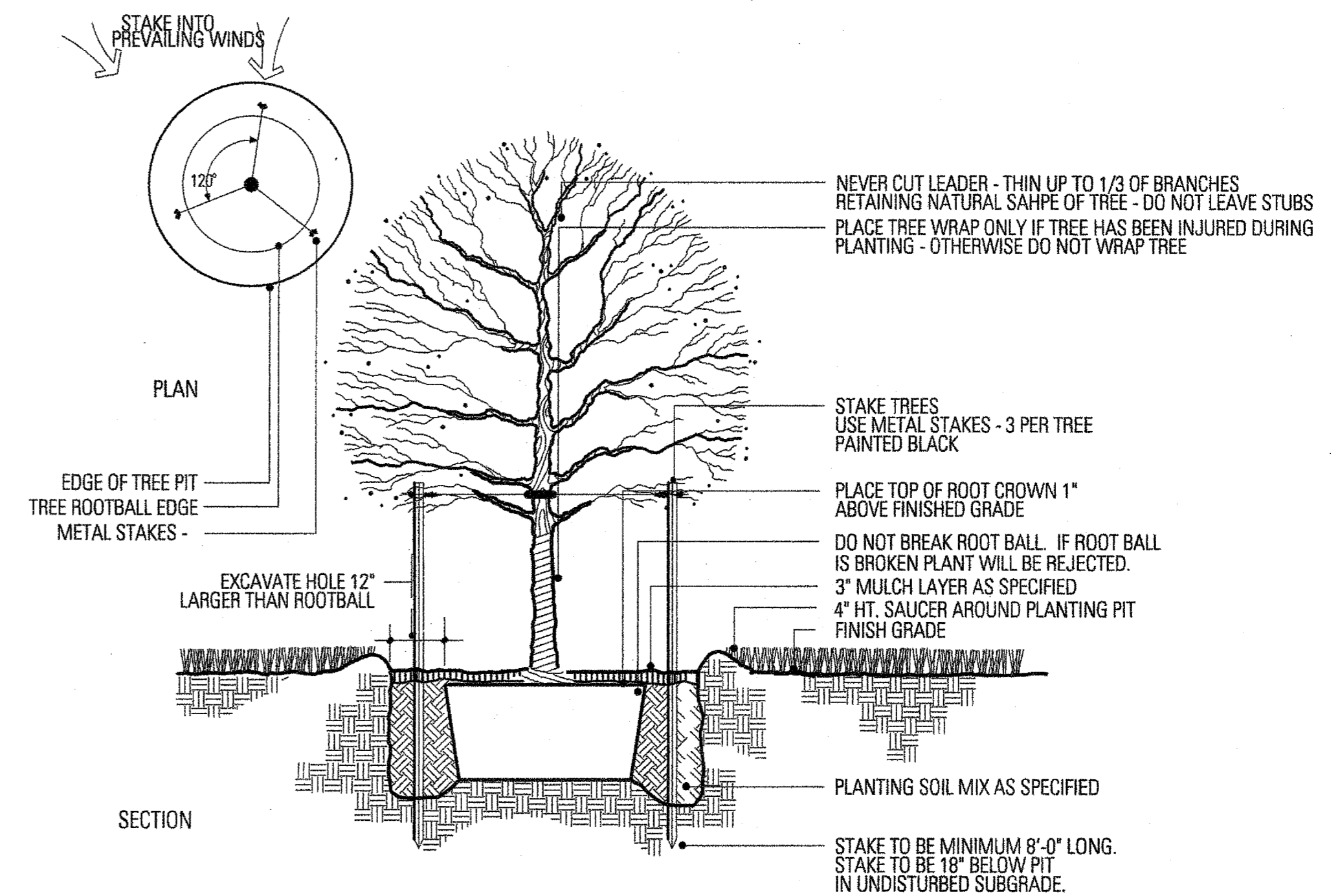
- SOIL IN THE PERENNIAL/SHRUB PLANTING BEDS SHALL BE PREPARED USING THE EARTHKIND[®] LANDSCAPE MANAGEMENT PROGRAM. THIS SHALL INCLUDE TILLING THREE INCHES OF EXPANDED SHALE TO A DEPTH OF 6 INCHES, THEN ADDITIONALLY TILLING 3 INCHES OF FINISHED COMPOST ON TOP OF THAT. AFTER PLANTING, APPLY A 3 INCH LAYER OF SHREDDED HARDWOOD MULCH. SUBMIT SAMPLES OF ALL SOIL AMENDMENT MATERIALS, INCLUDING MULCH TO THE TOWN OF ADDISON FOR APPROVAL PRIOR TO BEGINNING WORK.
- ALL NEW TREES SHALL BE BACKFILLED WITH CLEAN, NATIVE BLACK CLAY TOPSOIL FREE OF DEBRIS AND ROCK 1 INCH OR LARGER IN DIAMETER. BACKFILL/TOPSOIL SHALL BE APPROVED BY THE TOWN OF ADDISON. THE CONTRACTOR SHALL PROVIDE THE SOURCE OF THE SOIL TO THE OWNER FOR REVIEW AND APPROVAL.
- SOIL IN THE HYDROSEEDED WEEPING LOVE GRASS BEDS SHALL BE PREPARED USING NATIVE SOIL WITH 3 INCHES OF FINISHED COMPOST TILLED TO A DEPTH OF 6 INCHES. SUBMIT SAMPLES OF ALL SOIL AMENDMENT MATERIALS, INCLUDING MULCH TO THE TOWN OF ADDISON FOR APPROVAL PRIOR TO BEGINNING WORK.



5 STEEL EDGING
SCALE: 1" = 3'-0"



4 SHRUB PLANTING
NTS



1 TREE PLANTING
NTS



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L5.05
Sheet No.:

INSTALLATION NOTES

- COORDINATE IRRIGATION INSTALLATION WITH PLANTING PLAN AND SITE CONDITIONS TO PROVIDE COMPLETE COVERAGE WITH MINIMUM OVERSPRAY. THE IRRIGATION CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO ENSURE PROPER COVERAGE AT NO ADDITIONAL COST TO THE OWNER.
- CONFIRM STATIC WATER PRESSURE OF 60 PSI AT LEAST 7 DAYS BEFORE BEGINNING WORK. IF STATIC WATER PRESSURE IS LESS THAN STATED ABOVE, DO NOT PROCEED UNTIL DIRECTED SO BY THE LANDSCAPE ARCH.
- THE IRRIGATION CONTRACTOR WILL SECURE ALL REQUIRED PERMITS AND PAY ALL ASSOCIATED FEES UNLESS OTHERWISE NOTED. ALL LOCAL CODES SHALL PREVAIL OVER ANY DISCREPANCIES HEREIN.
- LATERAL PIPE SHALL BE INSTALLED AT A MINIMUM DEPTH OF 12 INCHES. MAINLINE PIPE AND WIRES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 16 INCHES.
- UNSLEEVED PIPES MAY BE SHOWN UNDER PAVEMENT FOR GRAPHIC CLARITY ONLY. INSTALL THESE PIPES IN ADJACENT LANDSCAPED AREAS.
- ALL VALVE WIRE CONNECTIONS MUST BE SPliced WITH A TAN COLORED KING ONE STEP CONNECTOR. ALL VALVE BOX SPLICES ARE TO BE HOUSED IN A LARGE RECTANGULAR ARMOR VALVE BOX.
- 24 VOLT VALVE WIRE SHALL BE A MINIMUM OF #14 GAUGE, U.F. APPROVED FOR DIRECT BURIAL, SINGLE CONDUCTOR "IRRIGATION WIRE". ALL FIELD WIRE SPLICES SHALL BE ENCASED IN A DBY CONNECTOR. ALL FIELD SPLICES SHALL BE LOCATED IN A ROUND ARMOR VALVE BOX OF SUFFICIENT SIZE TO ALLOW INSPECTION.
- VALVE BOXES SHALL BE INSTALLED FLUSH WITH GRADE, SUPPORTED BY BRICKS IF NEEDED, WITH 3-4 INCHES OF CLEAN PEA GRAVEL LOCATED BELOW THE VALVE. USE ARMOR 12" RECTANGULAR VALVE BOXES FOR ELECTRIC VALVES AND QUICK COUPLING VALVES UNLESS NOTED OTHERWISE.
- USE LASCO SWING JOINTS FOR ALL QUICK COUPLER CONNECTIONS.
- ALL SPRAY HEADS SHALL BE CONNECTED WITH A 6" X 1/2" POLYETHYLENE GREEN NIPPLE. ALL ROTOR HEADS SHALL BE CONNECTED WITH A 6" X 3/4" POLYETHYLENE GREEN NIPPLE.
- PROVIDE THREE BUCKNER V075 QUICK COUPLER KEYS WITH HOSE-END SWIVELS.
- CONTRACTOR IS TO CONTACT APPROPRIATE AUTHORITIES AND LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.
- SUBSURFACE DRIP IRRIGATION FOR ALL SHRUBS SHALL INCLUDE NETAFIM TECHLINE, #TLCV4-1210, GRID TRUNK LINES SHALL BE RIGID CLASS 200 PVC PIPE, BURIED TO A DEPTH OF 10". DRIPPER LINES SHALL BE INSTALLED IN CENTER FED GRIDS, IN ROWS SPACED 12" APART, AT GRADE. MANUAL FLUSH VALVE, NETAFIM #TISOV SHALL BE INSTALLED AT FARTHEST POINTS FROM ZONE VALVE. MAXIMUM SINGLE DRIP TUBE RUN SHALL NOT EXCEED 150 LINEAR FEET. USE NETAFIM 17 MM BARBED FITTINGS FOR DRIPPER LINE CONNECTIONS. SET VALVE PRESSURE REGULATORS TO MAX. 30 PSI. TECHLINE CV SHALL BE INSTALLED PERPENDICULAR TO SLOPE FACE. INSTALL TLCV IN-LINE CHECK VALVES FOR EVERY 4.5 FEET OF DRIP LINE ELEVATION CHANGE WITHIN THE ZONE. NETAFIM STAPLES (#TSS6) SHALL BE INSTALLED EVERY 4 LINEAR FEET OF DRIP TUBE. THE CONTRACTOR SHALL CONTACT NETAFIM REPRESENTATIVE MR. DAVID HAMMOND 888.638.2346, AND SCHEDULE PRE-CONSTRUCTION TRAINING ON CORRECT INSTALLATION PROCEDURES FOR SUB-SURFACE DRIP EQUIPMENT.

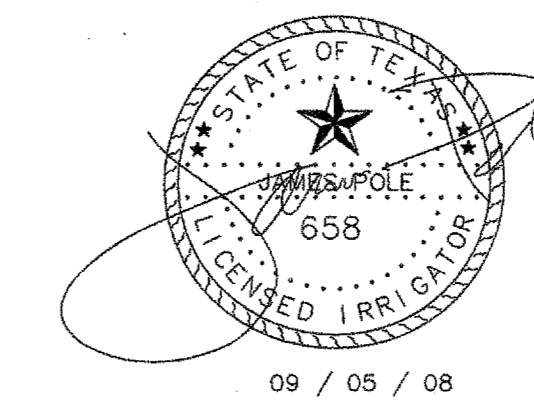
*** L.I.C. IS TO VISIT SITE PRIOR TO CONSTRUCTION TO BECOME FAMILIAR WITH THE EXISTING SITE CONDITIONS.**

LEGEND

- RAINBIRD #1804-PRS POP UP SPRAY HEAD WITH HUNTER PCN-25 PRESSURE COMPENSATING BUBBLER NOZZLE.
- ⊗ RAINBIRD #1804-PRS POP UP SPRAY HEAD WITH HUNTER PCN-50 PRESSURE COMPENSATING BUBBLER NOZZLE.
- RAINBIRD #1804-PRS POP UP SPRAY HEAD WITH RAINBIRD NOZZLES
- HUNTER I-20 4" POP UP ROTARY HEAD, PART CIRCLE, #4 NOZZLE
- HUNTER I-20 4" POP UP ROTARY HEAD, FULL CIRCLE, #8 NOZZLE
- ▨ NETAFIM DRIP TUBE INSTALLED AS DETAILED. SEE INSTALLATION NOTE #13.
- ⊕ IRRITROL 200B SERIES ELECTRIC REMOTE CONTROL VALVE, WITH SPEARS BALL VALVE
- ⊕ IRRITROL 200B SERIES ELECTRIC REMOTE CONTROL VALVE, WITH SPEARS BALL VALVE, FOR DRIP ZONES. NETAFIM TECHFILTER #TF075412-100CV SERIES SEE INSTALLATION NOTE #13 REGARDING SUBSURFACE IRRIGATION LAYOUT
- ⊕ IRRITROL 200B SERIES ELECTRIC REMOTE CONTROL "TREE BUBBLER" VALVE, WITH SPEARS BALL VALVE
- 2" IRRITROL 200 B SERIES MASTER VALVE INSTALLED WITH BLUE WIRE FOR STATION WIRING, AND 2" DATA INDUSTRIAL FLOW METER INSTALLED WITH RAIN MASTER EV-CAB-SEN FLOW METER CABLE, INSTALLED IN 3/4" GRAY PVC CONDUIT WITH 6" OR LARGER J-BOXES PLACED EVERY 200 FEET OR WHERE 360 DEGREES OF FITTING ARE INSTALLED; ONLY SWEEP FITTINGS ARE PERMITTED. INSTALL WITHOUT SPLICES.
- ▲ BUCKNER V075 3/4" SINGLE LUG QUICK COUPLING VALVE WITH METAL TOP
- N— SPEARS BALL VALVE WITH POSITIVE T-HANDLE, SAME SIZE AS PIPE
- N— WATTS 007 M SERIES D.C.A. INSTALLED PER CITY CODE, SIZE NOTED ON PLAN
- 1 1/2" IRRIGATION WATER METER AND TAP
- CLASS 200 BELLED PVC MAINLINE PIPE
- CLASS 200 BELLED (EXCEPT 1/2 INCH #315) PVC LATERAL PIPE
- 4" CLASS 200 SLEEVE PIPES, BELLED END, UNLESS NOTED OTHERWISE

L.I.C. SHALL SELECT MPR SERIES SPRAY NOZZLES FOR "HEAD-TO-HEAD" COVERAGE, ADJUSTED FOR MINIMUM OVERSPRAY ONTO WALLS AND WALKS. NO OVERSPRAY INTO STREETS IS PERMITTED.

L.I.C. SHALL REFER TO THE TOWN OF ADDISON IRRIGATION SPECIFICATIONS, REVISED 01 / 07 / 08 FOR ALL INSTALLATION REQUIREMENTS.

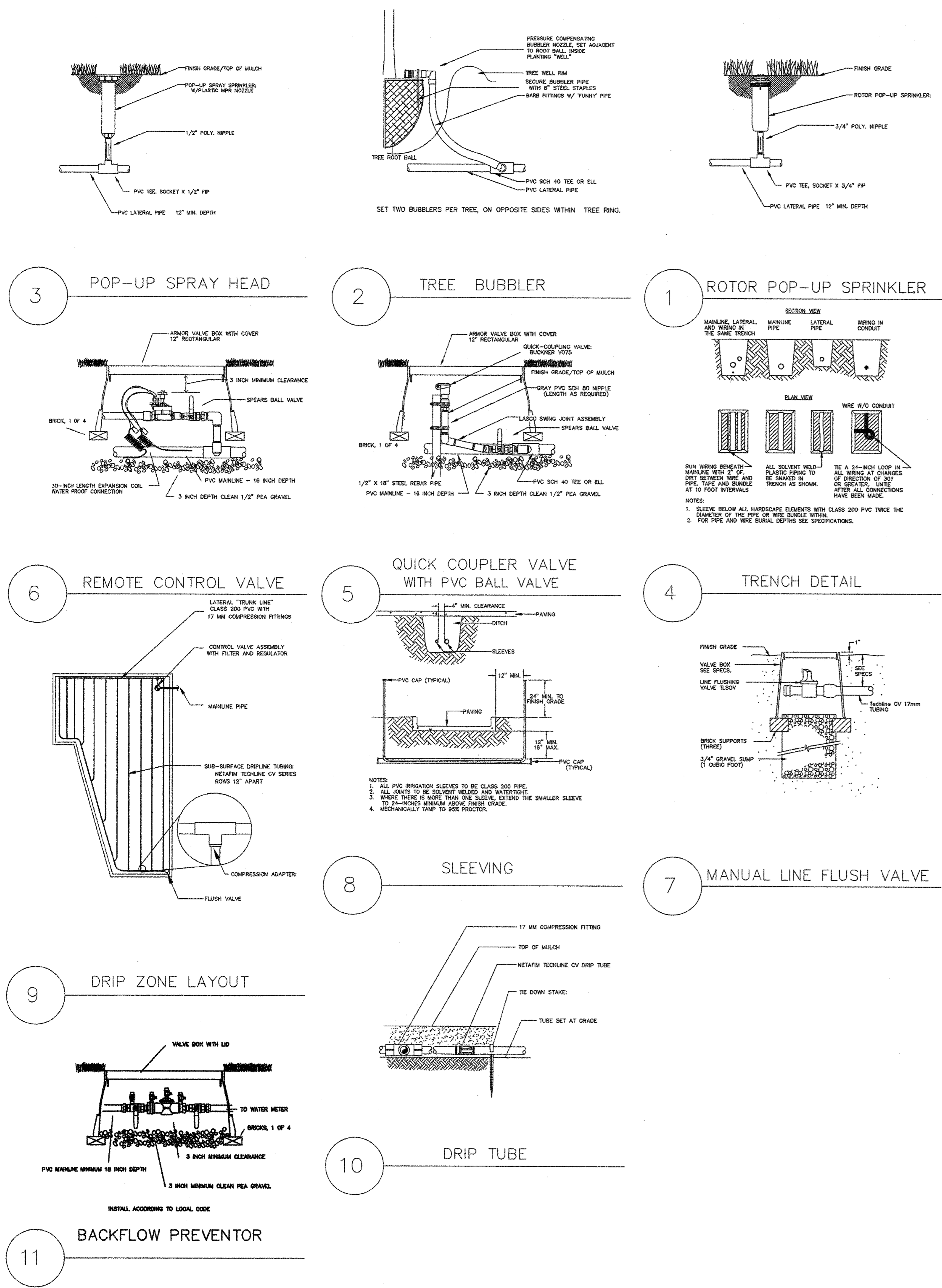


James Pole
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IRRIGATION DESIGN, CONSULTING, AND
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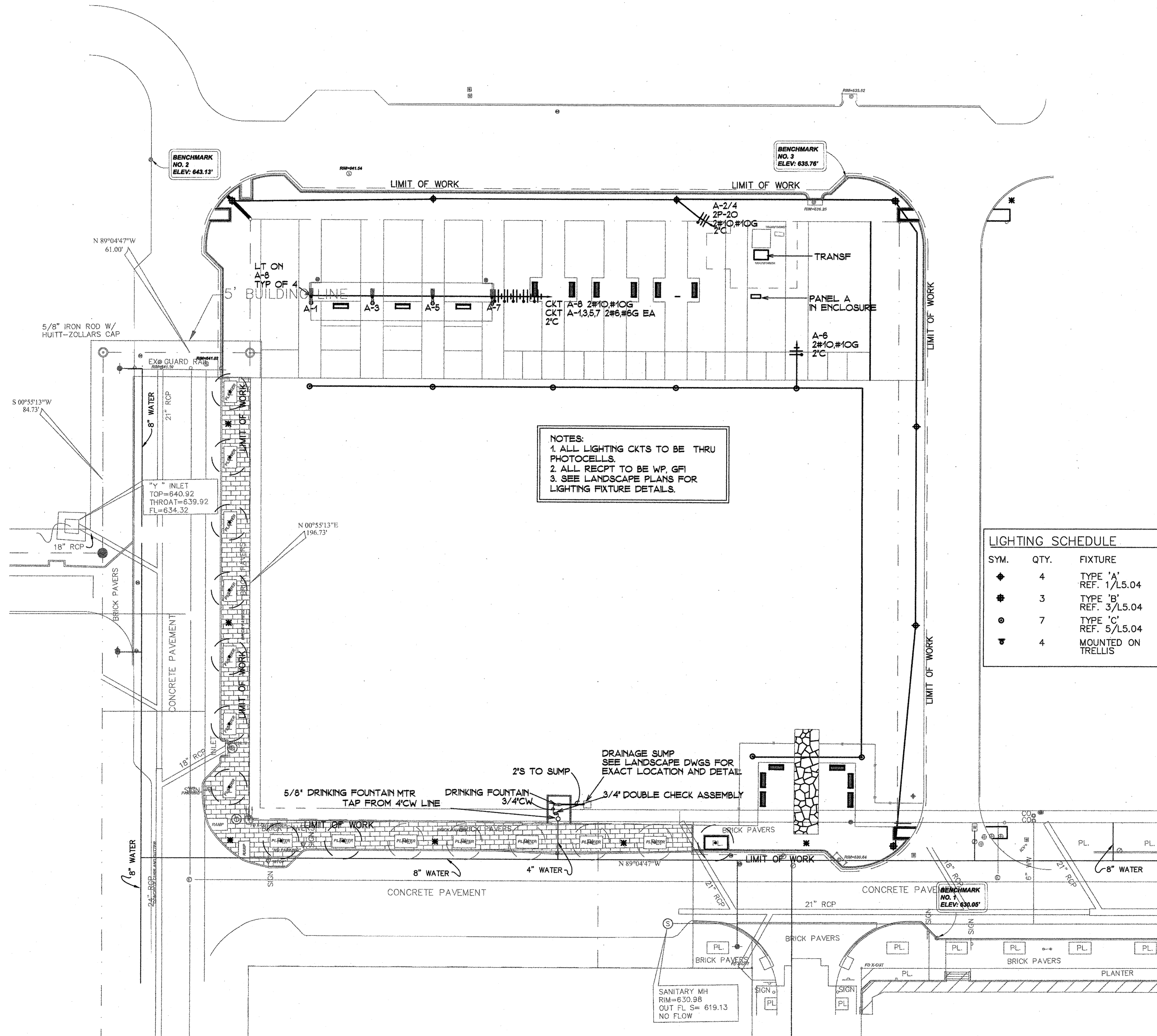
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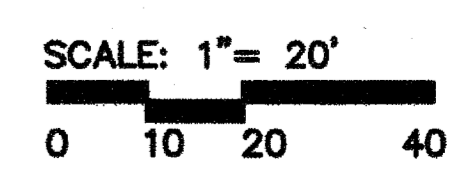


NOTES:
1. ALL LIGHTING CKTS TO BE THRU PHOTOCELLS.
2. ALL RECPT TO BE WP GFI
3. SEE LANDSCAPE PLANS FOR LIGHTING FIXTURE DETAILS.

LIGHTING SCHEDULE

SYM.	QTY.	FIXTURE	MANUFACTURER
◆	4	TYPE 'A' REF. 1/L5.04	BEGA 9801MH-MOD-175MH-240V-BLACK BEGA 1508HR-BLACK
◆	3	TYPE 'B' REF. 3/L5.04	BEGA 9802MH-MOD-175MH-240V-BLACK BEGA 1508HR-BLACK
○	7	TYPE 'C' REF. 5/L5.04	POULSEN-KAT-1/150CMHTG-120-277-COP DRA-5-3-12-BLACK
▼	4	MOUNTED ON TRELLIS	BEGA 7511 FLOODLIGHT

MEP SYSTEMS DESIGN
AND ENGINEERING INC.
918 DRAGON STREET
DALLAS, TX 75207
(214)915-0929



GENERAL NOTES

- G1. COMPLETE SYSTEMS: PROVIDE LABOR, MATERIALS, EQUIPMENT, AND TRANSPORTATION TO RECEIVE, INSTALL, ADJUST, AND PUT INTO OPERATION COMPLETE ELECTRICAL SYSTEMS IN ACCORDANCE WITH THE INTENT OF THE CONTRACT DOCUMENTS. PROVIDE PRODUCTS NOT MENTIONED BUT OBVIOUSLY NECESSARY AND INCIDENTAL TO THE COMPLETION OF THIS WORK.
- G2. SCOPE: WORK SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING MECHANICAL WORK AS REQUIRED FOR COORDINATION, POWER DISTRIBUTION, AND INSTALLATION OF MATERIALS.
- G3. UTILITIES: COORDINATE WITH ALL UTILITY SERVICES. NOTIFY UTILITIES OF COMMENCEMENT OF WORK. MAKE ALL ARRANGEMENTS FOR TEMPORARY SERVICES. PROVIDE ALL WORK AND MATERIALS NECESSARY TO COMPLY WITH ALL UTILITY REGULATIONS AND REQUIREMENTS.
- G4. PERMITS: OBTAIN ALL NECESSARY PERMITS TO BEGIN AND CONTINUE WITH WORK. PAY ALL ASSOCIATED FEES FOR PERMITS AND OTHER MUNICIPAL AND GOVERNING REQUIREMENTS.
- G5. EXPERIENCE: ALL WORK DONE SHALL BE PERFORMED BY QUALIFIED ELECTRICIANS, UNDER THE SUPERVISION AND DIRECTION OF A SUPERINTENDING HAVING SUCCESSFUL EXPERIENCE INSTALLING AND SUPERVISING EQUIPMENT AND SYSTEMS OF SIMILAR TYPE AND SIZE AS INDICATED BY CONTRACT DOCUMENTS.
- G6. REGULATIONS: ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT RULES, REGULATIONS, AND INDUSTRY STANDARDS OF THE NATIONAL ELECTRICAL CODE, UL, IPCA, NEMA, NFPA, OSHA, NATIONAL ELECTRICAL SAFETY CODE, ADA, AND ANY LOCAL CODES, LAWS, OR ORDINANCES. IN THE EVENT THAT A DISCREPANCY IS FOUND IN THE CONTRACT DOCUMENTS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- G7. COSTS AND CONDITIONS: EXAMINE AND BECOME FAMILIAR WITH ALL CONTRACT DOCUMENTS IN THEIR ENTIRETY. SURVEY THE PROJECT AND BECOME FAMILIAR WITH EXISTING CONDITIONS AND SCOPE OF WORK. ALL COSTS SUBMITTED SHALL BE BASED ON A THOROUGH KNOWLEDGE OF ALL WORK AND MATERIALS REQUIRED. ANY ADDITIONAL COSTS DUE TO FAILURE TO COMPLY WITH THIS REQUIREMENT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- G8. NOTES: THE DRAWINGS SHALL BE DEVIATION FROM NOTES/SPECIFICATIONS SPECIFICATIONS. BECOME FAMILIAR WITH ALL SPECIFICATIONS, DESIGN CRITERIA, AND EQUIPMENT REQUIREMENTS PRIOR TO ANY EQUIPMENT PURCHASE OR INSTALLATION. REFERENCE SPECIFICATIONS FOR DEVICES, MATERIALS AND WORKMANSHIP REQUIREMENTS. ADDITIONAL REQUIREMENTS ARE GIVEN IN THESE WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.
- G9. COORDINATION: COORDINATE WORK WITH ALL OTHER TRADES. GIVE SPECIAL CONSIDERATION TO COORDINATING INSTALLATION OF LIGHTING, POWER AND STRUCTURAL MEMBERS. COORDINATE OUTLET LOCATIONS WITH ARCHITECT. VERIFY EXACT LOCATION, COLOR AND FINISH OF OUTLETS AND DEVICES WITH ARCHITECT, OR DESIGNATED TENANT REPRESENTATIVE PRIOR TO INSTALLATION.
- G10. PRODUCTS: ALL PRODUCTS SHALL BE NEW, SPECIFICATION GRADE. PRODUCTS OF A SIMILAR NATURE SHALL BE OF THE SAME TYPE AND MANUFACTURER. PROVIDE THE STANDARD PRODUCTS OF MANUFACTURERS REGULARLY ENGAGED IN THE PRODUCTION OF SPECIFIED PRODUCTS, UNLESS OTHERWISE REQUIRED BY DRAWINGS. ALL PRODUCTS SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH NATIONALLY RECOGNIZED AND ACCEPTED STANDARDS AND PROCEDURES.
- G11. COMPATIBILITY: ALL NEW ELECTRICAL DISTRIBUTION EQUIPMENT SHALL MATCH AND BE COMPATIBLE, BY MANUFACTURER TYPE, APPLICATION, AND SHORT CIRCUIT RATING.
- G12. IDENTIFICATION: ALL ELECTRICAL DISTRIBUTION EQUIPMENT, TRANSFORMERS, PANELBOARDS, AND OTHER ENCLOSED EQUIPMENT SHALL BE IDENTIFIED AS INDICATED IN THE CONTRACT DOCUMENTS. SAID IDENTIFICATION SHALL CONSIST OF PERMANENTLY ATTACHED ENGRAVED LAMINATED PLASTIC NAMEPLATES. EACH BRANCH CIRCUIT OVERCURRENT PROTECTION DEVICE SHALL BE IDENTIFIED BY CIRCUIT NUMBER AND SCHEDULED INSIDE PANEL DOOR. EACH BRANCH CIRCUIT SPLICE OR TERMINATION SHALL BE IDENTIFIED BY PANEL AND CIRCUIT DESIGNATION SHOWN ON THE JUNCTION OR OUTLET BOX, OR UPON INDIVIDUAL WIRES IN CASES WHERE MORE THAN ONE OF EACH PHASE CONDUCTOR OCCUR.
- G13. WIRING: ALL CONDUCTORS CARRYING GREATER THAN 50 VOLTS SHALL BE MINIMUM #12 AWG, SOLID, CU, SOFT DRAWN OF 98% CONDUCTIVITY, UNLESS NOTED OTHERWISE.
INSULATION: PROVIDE TYPE THHN, OR XHHW TYPE INSULATIONS. COORDINATE INSULATION TYPES WITH CONDITIONS, NEC REQUIREMENTS, AND CONDUIT FILL REQUIREMENTS. ALL WIRING SIZES ARE BASED ON 75 C INSULATION, ACCORDING TO CURRENT RATING, REGARDLESS OF ACTUAL INSULATION USED. TYPE 'AC' OR 'MC' CABLE IS ACCEPTABLE ONLY WITH TYPE THHN INSULATION.
HOME RUNS: PROVIDE MINIMUM # 10 AWG WIRING ON ALL HOMERUNS GREATER THAN 100 FEET.
NEUTRALS: SIZE ALL NEUTRALS FULL UNLESS SPECIFICALLY REDUCED ON PLANS. PROVIDE OVERSIZED NEUTRALS FOR FEEDERS AND SEPARATE NEUTRALS FOR BRANCH CIRCUITS SERVING DIGITAL COMPUTER EQUIPMENT.
- G14. GROUNDING: ALL CIRCUITS SHALL BE RUN WITH A #12 AWG INSULATED GREEN COPPER GROUND WIRE, UNLESS OTHERWISE NOTED. USE OF CONDUIT AS A GROUND IS UNACCEPTABLE.
- G15. CONDUIT: ALL WIRING SHALL BE IN CONDUIT, MINIMUM 3/4" (E.M.T. IS ACCEPTABLE WITH COMPRESSION FITTINGS ONLY). FLEXIBLE METAL CONDUIT IS ACCEPTABLE ONLY WITH SEPARATE INSULATED GROUND WIRE, AND ONLY FOR WIRING INSIDE STRUCTURAL TUBING. ENT, ALUMINUM CONDUIT, NM ('ROMEX'), NMC, AND SNM ARE NOT ACCEPTABLE. PVC SCHEDULE 40 MAY BE USED BELOW GRADE.
RIGID CONDUIT: CONDUIT OVER 2" IN DIAMETER, OR EXPOSED TO WEATHER, OR EXPOSED TO POTENTIAL DAMAGE, OR USED FOR SERVICE ENTRANCE SHALL BE GALVANIZED RIGID STEEL TYPE.
ROUTING: CONDUIT ROUTING SHOWN IS SYMBOLIC AND DIAGRAMMATIC. INSTALL CONDUIT TO FIT ACTUAL FIELD CONDITIONS.
BELOW GRADE: COVER METALLIC CONDUIT BELOW GRADE WITH ASPHALTUM OR BITUMASTIC TAPE. SEAL JOINTS AGAINST WATER.
- G16. CONDUIT FITTINGS: ALL FITTING SHALL BE COMPRESSION OR THREADED TYPE. USE OF SET SCREW FITTINGS IS NOT ACCEPTABLE.
- G17. CIRCUIT BREAKERS: ALL BRANCH CIRCUIT OVERCURRENT PROTECTION DEVICES SHALL BE 20 AMPERE INVERSE TIME TYPE CIRCUIT BREAKERS UNLESS NOTED OTHERWISE. 120/240 VOLT CIRCUIT BREAKERS SHALL BE RATED AT 10,000 AIC MINIMUM. MULTI-POLE BREAKERS SHALL BE INTEGRAL UNITS. USE OF HANDLE TIES IS NOT ACCEPTABLE.
- G19. ALTERNATES & SUBSTITUTIONS: SUBMIT FOR APPROVAL, 10 DAYS PRIOR TO PRESENTATION
- G18. PENETRATIONS: COORDINATE PIER PENETRATIONS WITH STRUCTURAL ENGINEER.

- G20. SHOP DRAWINGS & SUBMITTALS: SUBMIT MANUFACTURERS' STANDARD PRODUCT INFORMATION, PERFORMANCE SPECIFICATIONS, PHYSICAL DIMENSIONS, AND OTHER INFORMATION NECESSARY FOR ENGINEER TO INSURE COMPLIANCE WITH SPECIFICATIONS. SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO ORDERING AND INSTALLING ANY EQUIPMENT. PROVIDE SHOP DRAWINGS FOR LIGHT FIXTURES, PANEL BOARDS, CONTACTORS, DEVICES, WIRING, CONDUIT, AND ALL OTHER ELECTRICAL EQUIPMENT.
- G21. PROJECT RECORD DOCUMENTS: UPON COMPLETION OF WORK, PREPARE LIGHTING AND POWER PROJECT RECORD DOCUMENTS ('AS-BUILTS') ON A SUITABLY REPRODUCIBLE MEDIUM. PRESENT COMPLETED DRAWINGS TO OWNER, AND TWO SETS OF PRINTS TO INTERIOR DESIGNER OR ARCHITECT. 'AS-BUILT' DRAWINGS SHALL INCLUDE ALL BRANCH CIRCUIT WORK, ANY PANELBOARD INFORMATION AVAILABLE, FINAL SWITCHING, ETC.
- G22. WARRANTY: WARRANT ALL MATERIALS, EQUIPMENT, AND INSTALLATION FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY OWNER.

GENERAL LIGHTING NOTES

- L1. FIXTURE TYPES: REFERENCE LIGHTING FIXTURE SCHEDULE FOR COMPLETE DESCRIPTION OF EACH FIXTURE TYPE.
- L2. SWITCH LOCATIONS: LIGHTING TO BE CONTROLLED THROUGH PHOTOCELL AND TIMECLOCK
- L3. FIXTURE LOCATIONS: REFERENCE ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF LIGHT FIXTURES. COORDINATE INSTALLATION IN FIELD WITH ARCHITECT.
- L4. INSTALLATION: WIRE FROM JUNCTION BOXES TO FIXTURES OR SWITCHES AS INDICATED. ADDITIONAL JUNCTION BOXES MAY BE REQUIRED BEYOND THOSE SHOWN.
SUPPORT ALL FIXTURES FROM STRUCTURE.

GENERAL POWER NOTES

- P1. GENERAL: VERIFY EXACT LOCATION OF OUTLETS AND DEVICES WITH ARCHITECT PRIOR TO INSTALLATION. PROVIDE OUTLET BOXES, DEVICES, COVERPLATES, AND FLANGES AS REQUIRED.
- P2. COORDINATION: MOUNT ALL OUTLETS AT 18" A.F.F. UNLESS NOTED OTHERWISE. REFERENCE ARCHITECT'S DRAWINGS, PLANS & ELEVATIONS FOR ALL HEIGHTS, DIMENSIONS, AND CONFIGURATIONS OF DEVICES NOT INDICATED ON THESE DRAWINGS.
- P3. CONVENIENCE OUTLETS: ALL CONVENIENCE OUTLETS SHOWN SHALL BE NEMA TYPE 5-20R, SPECIFICATION GRADE WEATHERPROOF GFI RECEPTACLES. VERIFY COLOR AND TYPE WITH ARCHITECT.
ACCEPTABLE MANUFACTURERS:
HUBBELL
LEVITON
PASS & SEYMOUR
- P4. EQUIPMENT EXPOSED TO WEATHER SHALL BE WEATHERPROOF.

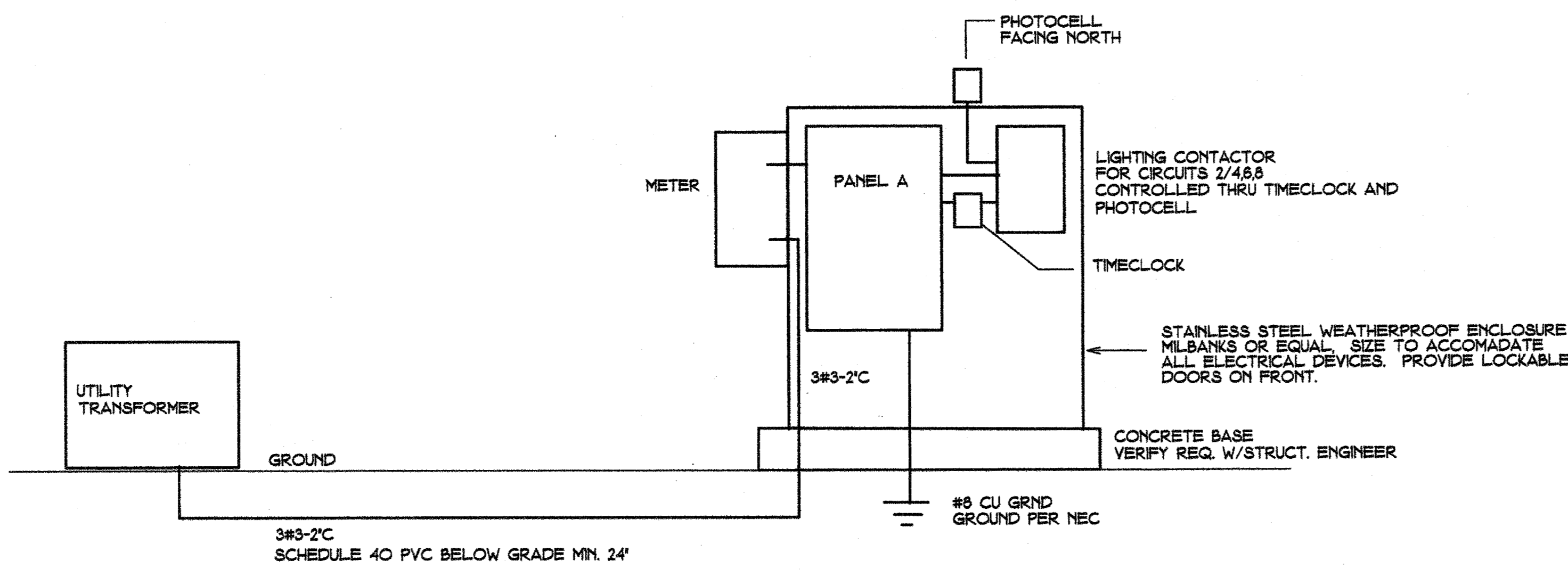
PANELBOARD 'A' SCHEDULE												
BRANCH CIRCUIT DESCRIPTION	POLES/AMPS	VOLT L	VOLT L	VOLT L	PHASE	VOLT L	VOLT L	VOLT L	POLES/AMPS	BRANCH CIRCUIT DESCRIPTION		
		D	D	D	D	D	D	D				
1 RECPT	11 / 20	1500 R			11 A 21				1075 E12	/	STREET LTG	2
3 RECPT	11 / 20	1500 R			13 B 41				1075 E1	/ 20		4
5 RECPT	11 / 20	1500 R			15 A 61				1300 E11	/ 20	PEDESTRIAN LTGNG	6
7 RECPT	11 / 20	1500 R			17 B 81				600 E11	/ 20	TRELLIS LTS	8
9 ISPARE	11 / 20				19 A 101							10
11 ISPARE	11 / 20				11 B 121							12
13 ISPARE	11 / 20				13 A 141							14
15 ISPARE	11 / 20				15 B 161							16
17					17 A 181							18
19					19 B 201							20
21					21 A 221							22
23					23 B 241							24
(X) SUBFEED LOADS												
(X) SUBFEED LOADS												
LOAD SUMMARY												
(L) LIGHTING		0.0	0.0	0.0	1.25	0.0	0.0	0.0				
(T) TASK LIGHTING		0.0	0.0	0.0	1.25	0.0	0.0	0.0				
(E) EXTERIOR LTG & SIGNS		4.1	16.9	4.1	1.25	5.1	21.1	5.1				
(R) RECEPTACLES		6.0	25.0	6.0	1.00	6.0	25.0	6.0				
(M) Grouped Motors		0.0	0.0	0.0	1.00	0.0	0.0	0.0				
(M) MOTORS: 0.0 kVA	11.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0				
(M) 25% LARGEST MOTOR												
(K) KITCHEN EQUIPMENT		0.0	0.0	0.0	1.00	0.0	0.0	0.0				
(H) HEAT: 0.0 kVA	11.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0				
(A) A/C EQUIP: 0.0 kVA	11.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0				
(C) COMPUTER EQUIPMENT		0.0	0.0	0.0	1.00	0.0	0.0	0.0				
(W) WATER HEATERS		0.0	0.0	0.0	1.00	0.0	0.0	0.0				
(D) OTHER		0.0	0.0	0.0	1.00	0.0	0.0	0.0				
(S) SPARE: 2 kVA					1.00	2.0	8.3	2.0				
(P) SPACE: 6 kVA												
						0.50	3.0	12.5	3.0			
TOTAL		10.1	41.9	10.1		16.1	66.9	16.1				
REMARKS: BREAKER SUMMARY TOTAL POLES: 24 IPER PHASE TOTALS: PANEL 'A' SUMMARY												
1. ALL CIRCUIT BREAKERS SHALL BE RATED FOR SWITCHING DUTY.												
2. ALL BREAKERS SHALL BE BOLT-IN.												
ACTIVE ISPARE SPACE POLES AMPS I% DIFFERENCE												
6 4 12 1 13.0 %												
1 20 13.0 %												
KILLO VOLT-AMPERE												
A: 5.4 kVA												
B: 4.7 kVA												
AMPERES												
A: 38.8 A												
B: 33.7 A												
DOWNSTREAM												
MEP SYSTEMS, INC., 4136 COMMERCE ST., SUITE 200, DALLAS, TEXAS 75226, (214) 823-2308												
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GENERAL PLUMBING NOTES

- 1. IN THE EVENT A DISCREPANCY IS FOUND IN THE CONTRACT DOCUMENTS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- 2. ALL WORK SHALL BE PERFORMED BY QUALIFIED MECHANICS AND PLUMBERS UNDER THE DIRECTION OF AN EXPERIENCED SUPERVISOR HAVING EXPERIENCE IN INSTALLING EQUIPMENT AND SYSTEMS OF SIMILAR TYPE AS INDICATED BY THE CONTRACT DOCUMENTS.
- 3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT RULES AND REGULATIONS OF THE STATE AND LOCAL CODES AND IN ACCORDANCE WITH CURRENT INDUSTRY STANDARDS.
- 4. PROVIDE ALL EQUIPMENT MATERIALS, LABOR SUPERVISION, AND SERVICES, NOT PROVIDED BY THE OWNER, AND NECESSARY FOR OR INCIDENTAL TO THE INSTALLATION OF A COMPLETE PLUMBING SYSTEM AS SHOWN OR INDICATED ON THE DRAWINGS AND/OR AS SPECIFIED.
- 5. CONTRACTOR SHALL TAKE PROPER PRECAUTIONS TO PROTECT ALL EXISTING OPERATIONS AND PROPERTY ADJACENT, WITH WHICH WORK COMES IN CONTACT, OR OVER WHICH HE MAY TRANSPORT, HOIST, OR MOVE MATERIALS, EQUIPMENT, DEBRIS, ETC. AND SHALL REPAIR ANY DAMAGE CAUSED TO MATCH EXISTING BEFORE DAMAGE.
- 6. CONTRACTOR SHALL EXAMINE AND BECOME FAMILIAR WITH ALL CONTRACT DOCUMENTS IN THEIR ENTIRETY. SURVEY THE PROJECT AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND SCOPE OF WORK. ALL COSTS SUBMITTED SHALL BE BASED ON A THOROUGH KNOWLEDGE OF ALL WORK AND MATERIALS REQUIRED. ANY ADDITIONAL COSTS DUE TO FAILURE TO COMPLY WITH THIS REQUIREMENT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 7. VERIFY THE CONDITION AND LOCATION OF UTILITIES. ANY ITEMS REQUIRING REPAIR OR RELOCATION SHALL BE REPAIRED OR RELOCATED TO PROVIDE THE OWNER A COMPLETE AND OPERATING MECHANICAL SYSTEM.
- 8. PRODUCTS OF A SIMILAR NATURE SHALL BE OF THE SAME TYPE AND MANUFACTURER. PROVIDE THE STANDARD PRODUCTS OF MANUFACTURERS REGULARLY ENGAGED IN THE PRODUCTION OF SPECIFIED PRODUCTS, UNLESS OTHERWISE REQUIRED BY DRAWINGS OR SPECIFICATIONS. ALL SUCH PRODUCTS SHALL BE LISTED, LABELED, OR CERTIFIED BY UNDERWRITERS LABORATORIES.
- 9. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK.
- 10. CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES.
- 11. CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AT SITE AND BE RESPONSIBLE FOR CORRECTNESS OF SAME.
- 12. CONNECT NEW WORK TO EXISTING CONSTRUCTION IN NEAT AND APPROVED MANNER. RESTORE EXISTING WORK IN MAKING SUCH CONNECTION TO PERFECT CONDITION.
- 13. ALL WORK SHALL BE INSTALLED READILY ACCESSIBLE FOR OPERATION, MAINTENANCE AND REPAIRS.
- 14. ALL WORK AND EQUIPMENT TO BE FULLY GUARANTEED FOR ONE (1) YEAR FROM THE DATE OF FINAL PAYMENT AND ACCEPTANCE.
- 15. ALL CUTTING AND PATCHING IN CONNECTION WITH THIS TRADE SHALL BE DONE BY THIS CONTRACTOR.
- 16. STORE MATERIALS IN SPACES DESIGNATED BY OWNER.
- 17. REMOVE RUBBISH FROM PREMISES AS OFTEN AS NECESSARY OR DIRECTED.
- 18. EQUIPMENT INTENDED FOR PERMANENT INSTALLATION SHALL NOT BE OPERATED FOR TEMPORARY PURPOSES.
- 19. ALL WORK AND EQUIPMENT SHALL BE CLEANED TO THE SATISFACTION OF THE OWNER BEFORE TURNING SAME OVER TO OWNER.
- 20. PROVIDE ALL NECESSARY SUPPORTS PER MSS REQUIREMENTS.
- 21. PROJECT RECORD DOCUMENTS: UPON COMPLETION OF WORK, PREPARE PLUMBING PROJECT RECORD DOCUMENTS ('AS-BUILTS') ON A SUITABLY REPRODUCIBLE MEDIUM. PRESENT COMPLETED DRAWINGS TO OWNER, AND TWO SETS OF PRINTS TO INTERIOR DESIGNER OR ARCHITECT. 'AS-BUILT' DRAWINGS SHALL INCLUDE ALL PIPING AND EQUIPMENT.
- 22. SUPPORTS FOR ALL EQUIPMENT AND PIPING SHALL PROVIDE ADEQUATE SLOPE AND ANCHORAGE. CONTRACTOR SHALL USE HANGERS, RODS AND INSERTS INSTALLED, CONSTRUCTED, AND SPACED PER MSS REQUIREMENTS.
- 23. TRENCHING, EXCAVATING, BACKFILLING AND CONCRETE WORK SHALL BE PER OSHA AND LOCAL CODE REQUIREMENTS.
- 24. THIS CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND NOTIFICATION OF ALL OTHER CONTRACTORS EFFECTED BY ANY EQUIPMENT MODIFICATIONS OR SUBSTITUTIONS.
- 25. SHOP DRAWINGS & SUBMITTALS: SUBMIT MANUFACTURERS' STANDARD PRODUCT INFORMATION, PERFORMANCE SPECIFICATIONS, PHYSICAL DIMENSIONS, AND OTHER INFORMATION NECESSARY FOR ENGINEER TO INSURE COMPLIANCE WITH SPECIFICATIONS. SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO ORDERING AND INSTALLING ANY EQUIPMENT. PROVIDE SHOP DRAWINGS FOR PLUMBING FIXTURES, PIPING AND ALL OTHER ITEMS.

PLUMBING NOTES

- 1. WASTE, DRAIN AND VENT PIPING SHALL BE SCHEDULE 40 PVC.
- 2. POTABLE WATER PIPING SHALL BE TYPE 'L' HARD DRAWN COPPER ABOVE GRADE, TYPE 'K' BELOW GRADE WITH WROUGHT COPPER FITTINGS. MAY BE SCHEDULE 40 PVC BELOW GRADE IF APPROVED BY OWNER.
- 3. PROVIDE SHUTOFF VALVES AT INLET OF EACH PLUMBING EQUIPMENT ITEM, AND AT INLET OF EACH PLUMBING FIXTURE, AND ELSEWHERE AS INDICATED.
- 4. THE DOMESTIC WATER PIPING SYSTEM SHALL BE STERILIZED PER LOCAL CODE AUTHORITY REQUIREMENTS.



ELECTRIC RISER

NTS

OF BID TO OWNER, ANY ALTERNATES OF ITEMS SPECIFIED ON THESE DRAWINGS. ALTERNATES SUBMITTED LATER THAN 10 DAYS PRIOR WILL NOT BE CONSIDERED. 'ALTERNATE' REFERS TO A LUMINAIRE, FIXTURE, DEVICE, EQUIPMENT ITEM, OR MANUFACTURER OTHER THAN THAT SPECIFIED ON THE DRAWINGS OR IN THE SPECIFICATIONS.

FAIRFIELD PARK
Town of
Addison, Texas

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