

	CODE ANALYSIS								
BUILDING	OCCUPANCY	CONSTRUCTION TYPE	AREA (SQF)	OCCUPANT LOAD	COLUMNS	TYPE OF HAIL NET	REFERENCE FOR COLUMN SUPPORT		
Α	S2	2-B	2268	N/A	5	SINGLE HERITAGE CANTILEVER	1001-1.0-3000		
В	S2	2-B	2106	N/A	5	SINGLE HERITAGE CANTILEVER	1001-1.0-3000		
D	S2	2-B	975	N/A	3	SINGLE HERITAGE CANTILEVER	1001-1.0-3000		
E	S2	2-B	722	N/A	3	SINGLE HERITAGE CANTILEVER	1001-1.0-3000		
F	S2	2-B	980	N/A	3	SINGLE HERITAGE CANTILEVER	1001-1.0-3000		
G	S2	2-B	1542	N/A	3	SINGLE HERITAGE CANTILEVER	1001-1.0-3000		
н	S2	2-B	4195	N/A	7	SINGLE HERITAGE CANTILEVER	1001-1.0-3000		
Р	S2	2-B	9800	N/A	9	CUSTOM PROTECTOR CANTILEVER	1001-2.0-3000		
R	S2	2-B	9800	N/A	9	CUSTOM PROTECTOR CANTILEVER	1001-2.0-3000		
TOTAL			31988		47				

NOTE: EXISTING LIGHT POLES TO BE REMOVED THAT ARE IN CONFLICT WITH PROPOSED HAIL NETS THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN DEPRHISSION



CORPORATE HEADQUARTERS 8505-A CHANCELLOR ROW DAI.LAS, TX, 75247 800-966-5005

ERTIFICATIONS

LAS CERTIFICATION No. FA-428

CLARK COUNTY MANUFACTURER

CERTIFICATION NUMBER (NEVADA) 355

CUSTOMER

AUTONATION INC.

PROJECT NAME

CDJR N.RICHLAND HILLS

OCATION
NORTH RICHLAND H LLS

TX PROJECT NUMBER.

1001

STRUCTURE TYPE
HERITAGE CANTILEVERS &
DIAMOND PROTECTORS

E

VARIOUS

SCALE ENGINEERING
DRAWING IZE

Eng. By JO 05/0
Design By SA 05/0
Design By JO 05/0

 Eng. By
 JO
 05/08/18

 Design By
 SA
 05/08/18

 Approved By
 JO
 05/08/18

 DRAWING DESCRIPTION

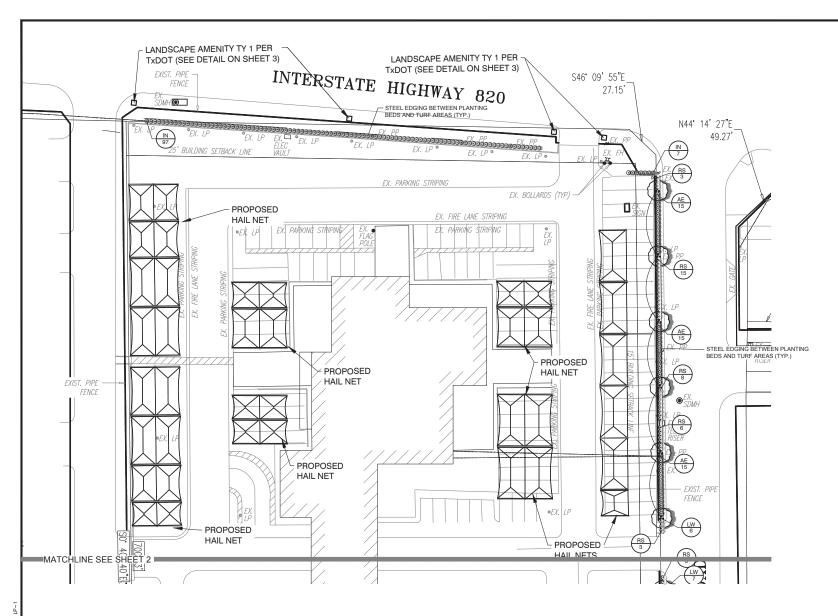
 SITE PLAN

DWG. 62998-1.6

SITE PLAN

SCALE 1:40 (ENGINEERING) CASE SUP 2018-02 PAGE 4000

NC



ROOT BARRIERS

THE CONTRACTOR SHALL INSTALL ROOT BARRIERS NEAR ALL NEWLY-PLANTED TREES THAT ARE LOCATED WITHIN FIVE (5) FEET OF PAVING OR CURBS. ROOT BARRIERS SHALL BE "CENTURY" OR "DEEP-ROOT" 24" DEEP PANELS (OR EQUAL). BARRIERS SHALL BE LOCATED IMMEDIATELY ADJACENT TO HARDSCAPE. INSTALL PANELS PER MANUFACTURER'S RECOMMENDATIONS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR USE ROOT BARRIERS OF A TYPE THAT COMPLETELY ENCIRCLE THE ROOTBALL.

MULCHES

AFTER ALL PLANTING IS COMPLETE, CONTRACTOR SHALL INSTALL 4" THICK LAYER OF "RARE RED ROCK #1" GRÁVEL MULCH TOPDRESSING, AS AVAILABLE FROM FULLER 5 LANDSCAPE SUPPLY, CUSSETA, ALABAMA, (888) 749-2880 (OR EQUAL), OVER LANDSCAPE FABRIC IN ALL PLANTING AREAS. CONTRACTOR SHALL SUBMIT SAMPLES OF ALL MULCHES TO LANDSCAPE ARCHITECT AND OWNER FOR APPROVAL PRIOR TO CONSTRUCTION. ABSOLUTELY NO EXPOSED GROUND SHALL BE LEFT SHOWING ANYWHERE ON THE PROJECT AFTER MULCH HAS BEEN INSTALLED.

LANDSCAPE CALCULATIONS CDJR

LANDSCAPE SETBACK
15' LANDSCAPE SETBACK REQUIRED ADJACENT TO ROW 17'-1' SETBACK PROVIDED 0' SETBACK PROVIDED 0' SETBACK PROVIDED REQUIRED TREES IN SETBACK
NE LOOP 820 387 FEET / 50 = 7.74 = 8 TREES REQUIRED
RODGER LINE RD 388 FEET / 50 = 7.76 = 8 TREES REQUIRED
BOOTH CALLAWAY RD 636 FEET / 50 = 12.7 = 13 TREES REQUIRED 8 TREES PROVIDED 0 TREES PROVIDED 13 TREES PROVIDED REQUIRED SHRUBS IN SETBACK
NE LOOP 820 387 FEET / 50 x 10 = 77 SHRUBS REQUIRED 138 SHRUBS PROVIDED RODGER LINE RD 388 FEET / 50 x 10 = 77 SHRUBS REQUIRED BOOTH CALLAWAY RD 636 FEET / 50 x 10 = 127 SHRUBS REQUIRED 0 SHRUBS PROVIDED 179 SHRUBS PROVIDED

PARKING LOT SCREENING
PARKING LOTS SHALL BE SCREENED WITH EVERGREEN SHRUBS
PLACED AT 3 FEET O.C.
NE LOOP 820
RODGER LINE RD
BOOTH CALLAWAY RD

PARKING LOT LANDSCAPING
PARKING LOTS SHALL HAVE 5% LANDSCAPED AREA ONE LARGE TREE PER 20 SPACES REQUIRED 150 SPACES / 20 = 7.5 = 8 LARGE TREES

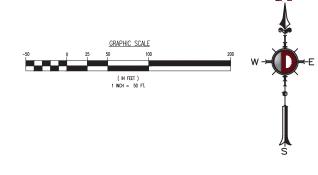
LANDSCAPE ENTRANCES SHALL BE PLANTED WITH SMALL SHRUBS RODGER LINE RD

PARKING LOTS SHALL BE AT LEAST 5% LANDSCAPED 222,581 SF x .05 = 11,129 SF LANDSCAPING REQUIRED 2,744 SF PROVIDED

NOT PROVIDED

NOT PROVIDED

0 TREES PROVIDED



PLANT SCHEDULE

TREES	CODE	BOTANICAL NAME / COMMON NAME	CONT	CAL	HEIGHT		QTY
	LW	Lagerstroemia indica `Watermelon Red' / Watermelon Red Crape Myrtle Multi trunk - 3-5 canes, 2" caliper overall.	30 gal	2"Cal	8`-10`		19
SHRUBS	CODE	BOTANICAL NAME / COMMON NAME	SIZE			SPACING	QTY
O	AE	Abelia x grandiflora `Edward Goucher` / Glossy Abelia	3 gal			36" o.c.	95
①	IN	Ilex vomitoria `Nana` / Dwarf Yaupon	3 gal			36" o.c.	104
0	RS	Rhaphiolepis indica `Snow White` / Snow White Indian Hawthorn	5 gal			36" o.c.	82

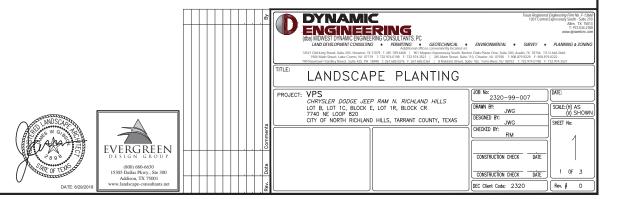
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING VEGETATION (EXCEPT WHERE NOTED TO REMAIN).

 BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE GRADE OF ALL LANDSCAPE AREAS ARE WITHIN BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE GRADE OF ALL LANDSCAPE AREAS ARE WITHIN 18-0.1 OF FINISH GRADE. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE OWNER IMMEDIATELY SHOULD ANY DISCREPANCIES EXIST. SEE SPECIFICATIONS FOR MORE DETAILED INSTRUCTION ON THE FAREA AND PLANTING BED PREPARATION. THE LANDSCAPE CONTRACTOR SHALL CONSTRUCT AND MAINTAIN SHINSH GRADES AS SHOWN ON GRADING PLANS, AND CONSTRUCT AND MAINTAIN SHINSH GRADES AS SHOWN ON GRADING PLANS, AND CONSTRUCT AND MAINTAIN SHINSH GRADES AS SHOWN ON GRADING PLANS, AND CONSTRUCT AND MAINTAIN SHINSH GRADES AS SHOWN ON GRADING PLANS, AND CONSTRUCT AND MAINTAIN SHINSH GRADES AS SHOWN ON GRADING PLANS, AND CONSTRUCT AND MAINTAIN SHINSH GRADES AS SHOWN ON GRADING PLANS, AND CONSTRUCT AND MAINTAIN SHINSH GRADE ON THE GEOTECHNICAL REPORT, AND AREAS OF POTTAIL PONDINGS PLANS, AND CONTRACTOR SHALL BINSH SHADE BEFORE INSTALLAND SHADE SHA

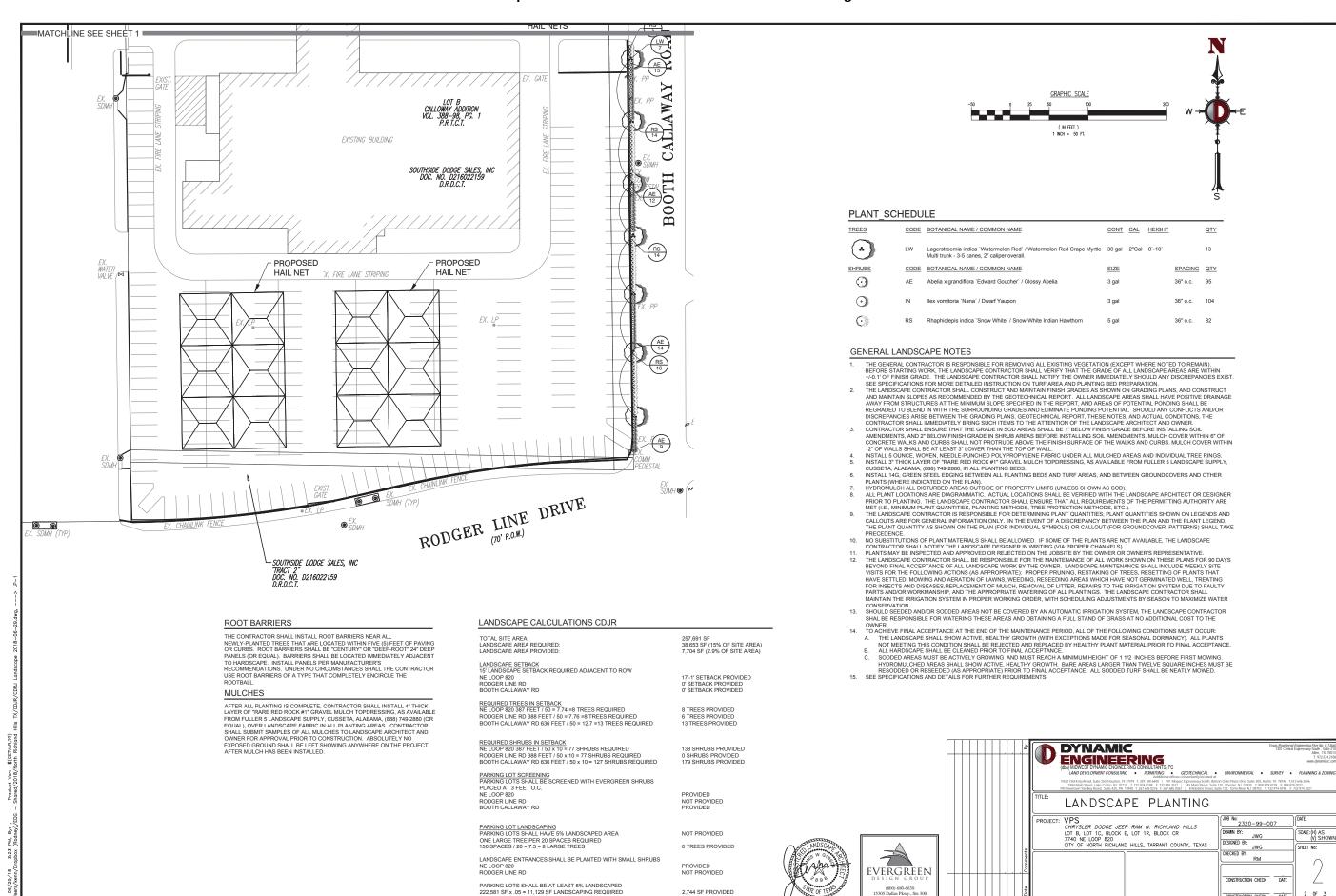
- THE PLANT QUANTITY AS SHOWN ON THE PLAN (FOR INDIVIDUAL SYMBOLS) OR CALLOUT (FOR GROUNDCOVER PATTERNS) SHALL TAKE NO SUBSTITUTIONS OF PLANT MATERIALS SHALL BE ALLOWED. IF SOME OF THE PLANTS ARE NOT AVAILABLE, THE LANDSCAPE
- PLANTS MAY BE INSPECTED AND APPROVED OR REJECTED ON THE JOBSITE BY THE OWNER OR OWNER'S REPRESENTATIVE
- PLANTS MAY BE INSPECTED AND APPROVED OR REJECTED ON THE JOBSITE BY THE OWNER OR OWNERS REPRESENTATIVE.

 THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL WORK SHOWN OR THESE PLANS FOR 90 DAYS BEYOND FINAL ACCEPTANCE OF ALL LANDSCAPE WORK BY THE OWNER. LANDSCAPE MAINTENANCE SHALL INCLUDE WEEKLY SITE VISITS FOR THE FOLLOWING ACTIONS (AS APPROPRIATE;). PROPER PRUNING, RESTAKING OF TREE, RESETTING OF PLANTS THAT HAVE SETTLED, MOWING AND AERATION OF LAWNS, WEEDING, RESEEDING AREAS WHICH HAVE NOT GERMINATED WELL, TREATING FOR INSECTS AND DISEASES, REPLACEMENT OF MULCH, REMOVAL OF LITTER, REPAIRS TO THE IRRIGATION SYSTEM DUE TO FAULTY PARTS AND/OR WORKMANSHIP, AND THE APPROPRIATE WATERING OF ALL PLANTINGS. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE IRRIGATION SYSTEM IN PROPER WORKING ORDER, WITH SCHEDULING ADJUSTMENTS BY SEASON TO MAXIMIZE WATER CONSERVATION.

- OWNER
 TO ACHIEVE FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD, ALL OF THE FOLLOWING CONDITIONS MUST OCCUR:
 THE LANDSCAPE SHALL SHOW ACTIVE, HEALTHY GROWTH (WITH EXCEPTIONS MADE FOR SEASONAL DORMANCY). ALL PLANTS
 NOT MEETING THIS CONDITION SHALL BE REJECTED AND REPLACED BY HEALTHY PLANT MATERIAL PRIOR TO FINAL ACCEPTANCE.
 ALL HARDSCAPE SHALL BE CLEANED PRIOR TO FINAL ACCEPTANCE.
 SODDED AREAS MUST BE ACTIVELY GROWING AND MUST REACH A MINIMUM HEIGHT OF 1 1/2 INCHES BEFORE FIRST MOWING, HYDROMULCHED AREAS SHALL SHOW ACTIVE. HEALTHY GROWTH. BARE AREAS LARGER THAN TWELVE SQUARE INCHES MUST BE RESONDED OR RESEEDED (AS APPROPRIATE) PRIOR TO FINAL ACCEPTANCE. ALL SODDED TURF SHALL BE NEATLY MOWED.
- 15 SEE SPECIFICATIONS AND DETAILS FOR FURTHER REQUIREMENTS.







PLANTING SPECIFICATIONS

- NTRACTOR N ON THESE PLANS SHALL BE PERFORMED BY A SINGLE FIRM
- INLIFICATIONS OF LANDSCAPE CONTRACTOR

 ALL LANDSCAPE WORK SHOWN ON THESE FLANS SHALL BE PERFORMED BY A SINGLE FIRM

 SPECIALIZING IN LANDSCAPE PLANTING

 SPECIALIZING IN LANDSCAPE PLANTING

 SPECIALIZING IN LANDSCAPE PLANTING

 FROM STATE OF THE STATE OF THE STATE OF THE STATE AND RELIGIOUS AND THE MAY BE

 REQUESTED BY THE OWNER FOR FURTHER GUALIFE ATO MEASURES

 THE LANDSCAPE CONTRACTOR SHALL HOLD A VALLD NURSERY AND FLORAL CERTIFICATE SUPED BY

 THE TEXAS DEPARTMENT OF A ROUGHLUTURE, AS WHELL AS DEPARTE HORR A COMMERCIAL SPECIAL OF A PULLATOR LICENSE ISSUED BY ETHER THE TEXAS DEPARTMENT OF A GRICULTURE ON THE TEXAS

 SPIRLOTTRAL PEST CONTROL DOADO.

 WORK COVERED BY THESE SECTIONS INCLIDES THE FURNISHING AND PAYMENT OF ALL MATERIALS, AND CONTROL LICENSES, TAXES AND ANY OTHER TEXAS THE TEXAS THE PLANTING AND PAYMENT OF ALL MATERIALS, AND CHAILS.

 LABOR, SERVICES, EQUIPMENT, LICENSES, TAXES AND ANY OTHER TEXAS THE TEXAS THE PLANTING AND PAYMENT OF ALL MATERIALS, AND CHAILS.

 ON THE LANDSCAPE PLANS, NOTE, AND CETALS.

 REGULATIONS REQUIRED BY AUTHORITIES HAVING JURSDICTION OVER SUCH WORK, INCLUDING ALL INSPECTIONS AND PERMITS REQUIRED BY Y FEMALE HAVING CORE SUCH WORK, INCLUDING ALL INSPECTIONS AND PERMITS REQUIRED BY Y FEMALE AND THE LOCATION OF ALL WIGHTER OWN, INSPECTIONS AND PERMITS REQUIRED BY Y FEMALE AND THE LOCATION OF ALL WIGHTER FOR THE LANDSCAPE CONTRACTORS BANK LUCRIST PHE LOCATION OF ALL WIGHTER FROM DISTRALLATION OF MATERIALS.

 STATE AND SCAN ALTHORITIES HAVE LUCRED BY THE LOCATION OF ALL UNDERGROUND UTILITY LINES HAVE DEVELOPED.

- 2. RED I STOLLES SHALL BE REAL IT! DENNEL! BOWLDELF ROW IS STOLLES, NON-TO-BOUND, THE
 J. SHAPER ROOTS.
 3. ANY PLANT DEBUED UNACCEPTABLE BY THE LANDSCAPE ARCHITECT OR OWNER SHALL
 BE MEDIATELY REMOVED FROM THE SITE AND SHALL BE REFACED.

 BINDED STATE OF THE SHAPE OF THE SHAPE SHAPE AND SHALL BE REFACED.

 EVEN IF DETERMINED TO STILL BE ALIVE SHALL NOT BE ACCEPTED. THE ANDSCAPE ARCHITECT AND OWNER SHALL BE THE SOLL BUDGES AS TO THE ACCEPTED THE ANDSCAPE ARCHITECT AND OWNER SHALL BE THE SOLL BUDGES AS TO THE ACCEPTED. THE AND SCAPE ARCHITECT AND OWNER SHALL BE AS TANDARD IN FORM. UNLESS OTHERWISE SPECIFIED. THE ENGINEERING LICENS WILL NOT BE ACCEPTED IN THE AND SCAPE ARCHITECT AND OWNER SHALL BE AS TANDARD IN FORM. UNLESS OTHERWISE SPECIFIED. THESE WITH CONTRAL LICENS WILL MORE ACCEPTED IN FLORER IS DAMAGED OF REMOVED. PINNEL ALL DAMAGED TWISS SHAPE AND STATE OF THE ACCEPTED AND STATE OF ACCEPTED AND STATE OF THE ACCEPTED AND STATE OF ACCEPTED AND STATE OF THE ACCEPTED AND STATE OF AC

- SEED.
 TOPSOIL: SANDY TO CLAY LOAM TOPSOIL, FREE OF STONES LARGER THAN IS, INCH. FOREIGN MATTER, FLORING TOTS, AND CLEEN THAN IS THE TOPSOIL THE TOPSOIL THAN IS THE TO
- ABLITHEE OF SUBSTANCES TOUR, OF THAT MISS. NO MANUFE OF ANIMAL-SUSED PRODUCTS SHALL BE FERTILIZER, ENDAMLAR FERTILIZER CONSISTING OF INTOGEN, PHOSPING, POTASSIM, AND OTHER NUTRIENTS IN PROPORTIONS, AMOUNTS, AND RELEASE RATES RECOMMENDED IN A SOIL REPORT FROM A OULLIFED SOIL, TESTING AGENCY (SEE BELOW), MULCH: SEE AND TYPE AS NOILCATED ON PLANS, FREE FROM DELETEROUS MATERIALS AND SUITABLE AS A WEED FABRIC: SOUNCE, WOVEN, NEEDLE-PUNCHED FABRIC, SUCH AS DEWITT PROS LANDSCAPE FABRIC (OR APPROVED ECUIA).

- TREE STAKING AND GLYING.

 1. STAKES: 6 LONG GREEN METAL T-POSTS.

 2. GUY AND TIE WIRE: ASTIM A 61, CLASS 1, GALVANIZED-STEEL WIRE: 2-STRAND, TWISTED, 0.106 INCH DAWLETER.

 1. DAWLETER: MICHAEL STRAND AND AND AND AND ASTIMATION OF COMMENTS.

 TO PROTECT TREE TRUNKS FROM DAWLAGE.

 STEEL EDGING. 19 GAJUGE THICKS THE WIRE THOUGH STRAND AND AND ASTIMATION OF COMMENTS.

 GREEN, ACCEPTABLE MANUFACTURERS INCLUDE COLMET OR APPROVED EQUAL.

 FOR THE SPECIFIC ORNAMENTALS OR TURE ON WHICH IT WILL BE UTILIZED. PRE-EMERGENT HERBICIDES THAT IS LABELED FOR THE SPECIFIC ORNAMENTALS OR TURE ON WHICH IT WILL BE UTILIZED. PRE-EMERGENT HERBICIDES SHALL BE APPENDED FRET THE MANUFACTURERS IN SECENDED AND ASSISTAND OF CHAPTERS.

METHODS

- TESTED BY MESTALISHED SOLI, TESTING LABORATORY FOR THE FOLLOWING. SOLI TEXTUPAL CLASS, GENERAL SOLI FERTILITY, HO GRAIN GAMER OF TOUTHS, SALT (FEEL, LIME, SODIUM, ADSORPTION RATIO (SAR) AND BORON CONTENT. EACH SAMPLE SUBMITTED SHALL CONTAIN NO LESS THAN ONE QUART OF SOLI.

 5. CHEST SHAN ONE QUART OF SOLI.

 6. CHEST SOLI SAMPLES.

 6. THE SOLI SAMPLES.

 7. THE SOLI SAMPLES.

 8. THE SOLI SAMPLES.

 9. THE SOLIT SAMPLES.

 9. THE SOLIT

- CENERAL PLANTING

 1. REMOVE ALL NURSERY TACS AND STAKES FROM PLANTS.

 1. REMOVE ALL NURSERY TACS AND STAKES FROM PLANTS.

 2. REMOVE ALL NURSERY TACS AND STAKES FROM PLANTS.

 3. TRENCHING SERVER RECOMMENDED AND TO THE AND LONGER IN DIAMETER WITHIN THE CRITICAL EXPONENCES.

 4. CONTRACTOR SHALL NOT DISTURER DOTS 1-12" AND LARGER IN DIAMETER WITHIN THE CRITICAL CONTRACTOR SHALL SHAP TO THE REPORT TO THE REPORT AND LARGER IN DIAMETER WITHIN THE CRITICAL CONTRACTOR SHALL SHAP TO THE REPORT AND LARGER IN DIAMETER WITHIN THE CRITICAL PLANTS FROM THE AVERAGE GRADE AT THE EXCAVATION OR TRENCHING OF ANY KIND SHALL BE ALLOWED WITHIN THE CRITICAL PLANTS OF BURLEY WITHIN THE CRITICAL PLANTS OF THE AVERAGE GRADE AT THE EXCAVATION OR TRENCHING OF ANY KIND SHALL BE ALLOWED WITHIN THE CRITICAL PLANTS OF BURLEY WITHIN THE CRITICAL P

- UB, PERENNIAL, AND GROUNDECVER PLANTING

 JIG THE PLANTING HOLES TWICE AS WIDE AND 2" LESS DEEP THAN EACH PLANT'S ROTBALL. INSTALL

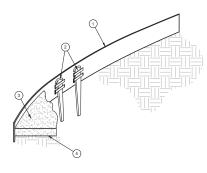
 THE PLANT IN THE HOLE. BACKFILL AROUND THE PLANT WITH SOIL AMENDED PER SOIL TEST
- RECOMMENDATIONS.
 INSTALL THE WEED BARRIER CLOTH, OVERLAPPING IT AT THE ENDS. UTILIZE STEEL STAPLES TO KEEP THE WEED BARRIER CLOTH HIP PLACE.
 WHEN PLANTING IS COMPLETE, INSTALL MULCH (TYPE AND DEPTH PER PLANS) OVER ALL PLANTING BEDS. COVERNIG THE ENTIRE PLANTING AREA.
- ADDING.

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- LEAS IS AN INCRES OF PEREIRALIUM INTO THE SUB BELOW THE SUBUNITED THY TO PROMISE THE SUBUNITED HIS CONTROL OF THE SUBSOR CELLULOSE FIRE MUST ASEED
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 UNITED HIS CONTROL SEED
 SOR 15-15-15 WATER SOLUBLE FERTILIZER
 SOR MEMER MAY APPREL 1-SEPTEMBER 30)
 HIS 15-15-15 WATER SOLUBLE FERTILIZER
 SOLUBLE THE SUBSOLUBLE FIRE SUBSOLUBLE FOR SUBSOLUBLE FOR SUBSOLUBLE FOR SUBSEED HYPROMULCH MIX (FER 1,000 SF) SHALL BE AS FOLLOWS:
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 SEED SHALL BE AS FOLLOWS:
 SEED SHALL BE AS FOLLOWS:
 SEED SHALL BE AS FOLLOWS:

- EMILEY SEED ANTE PER LEGEND
 UNING LANGSAPE PREPARATION AND PLANTING, KEEP ALL PAVEMENT CLEAN AND ALL WORK AREAS
 IN A NEAT, ORDERLY CONDITION.
 DISPOSED LEGENALY OF ALL EXWAVED MATERIALS OFF THE PROJECT SITE.
 UNING LANGUAL OF ALL EXWAVED MATERIALS OFF THE PROJECT SITE.
 UNING DISPOSED LEGENALY OF ALL EXWAVED MATERIALS OFF THE PROJECT SHALL PROVIDE THE SITE CLEAN,
 FREE OF DEBRIS AND IT RASH, AND SUITABLE FOR USES AN INTENDED. THE LANGSCAPE CONTRACTOR
 SHALL THEN REQUEST AN INSPECTION BY THE OWNER TO DETERMINE FINAL ACCEPTABLITY
 WHEN THE INSPECTED PLANTING WORK DOES NOT COMERY WITH THE CONTRACT DOCUMENTS. THE
 WHEN THE MOST CHART OF THE OWNER OF THE OWNER OF THE PLANTING OF THE OWNERS
 SATISFACTION WITHIN 24 HOURS.
 THE LANGSCAPE WORK MAINTENANCE PERIOD WILL NOT COMMENCE LINIT. THE LANGSCAPE WORK HAS BEEN
 RE-INSPECTED BY THE OWNER AND FOUND TO BE ACCEPTABLE AT THAT THE, WITTEN HOTTICE OF
 PERIODS WILL COMMENCE.
- THE LANGSCAPE MAINTENANCE PERIOD WILL NOT COMMENCE UNTIL THE LANGSCAPE WORK HAS BEEN RE-INSPECTED BY THE OWNER AND FOUND TO BE ACCEPTABLE. AT THAT TIME, A WRITTEN NOTICE OF PERIODS WILL COMMENS. BEEN PERIODS WILL COMMENS. BEEN PERIODS WILL COMMENS. BEEN PERIODS WILL COMMENS. BY THE OWNER, AND THE MAINTENANCE OF ALL WORK SHOWN ON THESE PLANS FOR BY DAYS BEYOND FINAL ACCEPTANCE OF ALL LANGSCAPE WORK BY THE OWNER. AND THE MAINTENANCE OF ALL WORK SHOWN ON THESE PLANS FOR BY DAYS BEYOND FINAL ACCEPTANCE OF ALL LANGSCAPE WORK BY THE OWNER. APPROPRIATE; PROPER PRUNING, RESTANGE OF TREES, RESEITING OF PLANTS THAT THAY ESTITLED, MOVING AND AGERTATION OF LAWNS, WEEDING, RESEIVED ON THE SENTING OF PLANTS THAT THAY ESTITLED, MOVING AND AGERTATION OF LAWNS, WEEDING, RESEIVED ON THE AND HAVE THAN THAY THAY ESTITLED, WORK THAT THAY THAY ESTITLED, WORK THAT OF A PROPORTION OF THE AND THAT THAY THAY ESTITLED, WATER ON THE ADDRESS OF THE AD



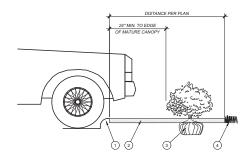
- ROLLED-TOP STEEL EDGING PER PLANS.
- 2 TAPERED STEEL STAKES.
- NOTES:

 1) INSTALL EDGING SO THAT STAKES WILL BE ON INSIDE OF PLA

 2) BOTTOM OF EDGING SHALL BE BURIED A MINIMUM OF 1" BELC
 GRADE.

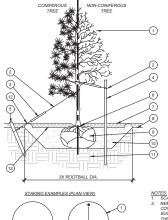
 3) TOP OF MULCH SHALL BE 1" LOWER THAN TOP OF EDGING. LL EDGING SO THAT STAKES WILL BE ON INSIDE OF PLANTING BED. OM OF EDGING SHALL BE BURIED A MINIMUM OF 1" BELOW FINISH





- (2) MULCH LAYER. (3) PLANT.





TREE PLANTING

GREEN STEEL T-POSTS. EXTEND POSTS 12* MIN. INTO
UNDISTURBED SOIL

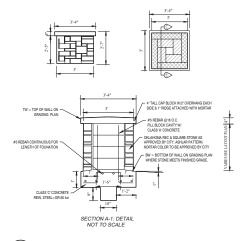
UNDISTURBED SOIL

TRUNK FLARE.

- (8) FINISH GRADE.
- 9 ROOT BALL.
- (10) BACKFILL. AMEND AND FERTILIZE ONLY AS RECOMMENDED IN SOIL FERTILITY ANALYSIS.
- (11) LINDISTLIRBED NATIVE SOIL
- (12) 4" HIGH EARTHEN WATERING BASIN.
- (13) FINISH GRADE. NOTES.

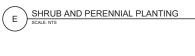
 1. SCARRY SIDES OF PLANTING PIT PRIOR TO SETTING TREE.

 2. REMOVE EXCESS SOIL APPLIED ON TOP OF THE ROOTBALL THAT OWERS THE ROOT FLANE. THE PLANTING HALE DEPTH SHALL BE THE ROOT FLANE. THE PLANTING HALE DEPTH SHALL BE THE ROOT FLANE TO THE ROOT FLANE TO THE ROOT FLANE THE ROOT FLANE THE ROOT FLANE THE ROOT FLANE THE PLANTING THE ROOT FLANE THE PLANTING THE ROOT FLANE THE PLANTING THE SHALL BE SHALL FLANE FLAN



TXDOT COLUMN LANDSCAPE AMENITY

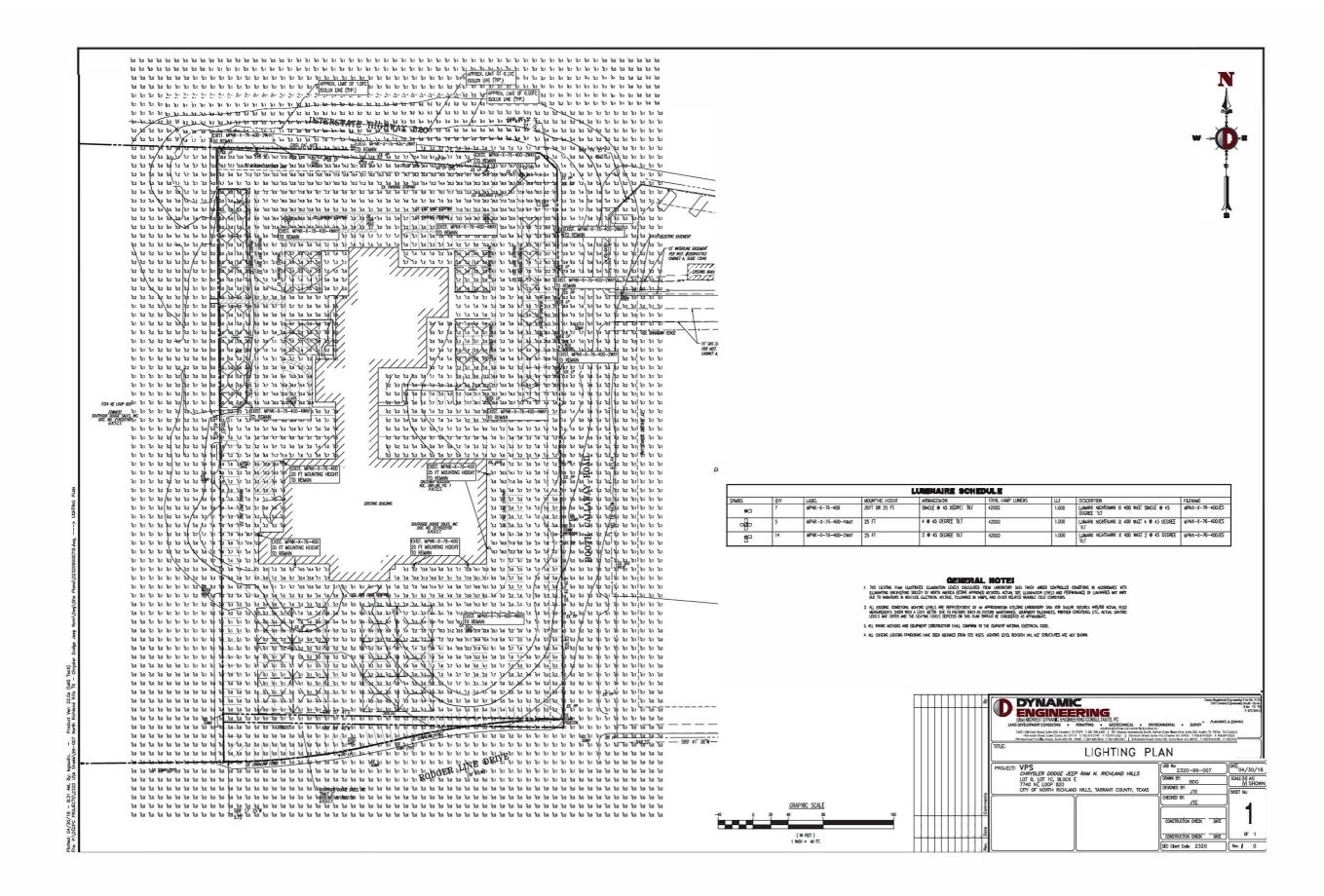
SHRUB PERENNIAL OR ORNAMENTAL GRASS MULCH, TYPE AND DEPTH PER PLANS. PLACE NO MORE THAN 1" OF MULCH WITHIN 6" OF PLANT CENTER. 3 FINISH GRADE. (4) ROOT BALL. 5 BACKFILL. AMEND AND FERTILIZE ONLY AS RECOMMENDED IN SOIL FERTILITY ANALYSIS (6) UNDISTURBED NATIVE SOIL 7 3" HIGH EARTHEN WATERING BASIN. (8) WEED FABRIC UNDER MULCH.

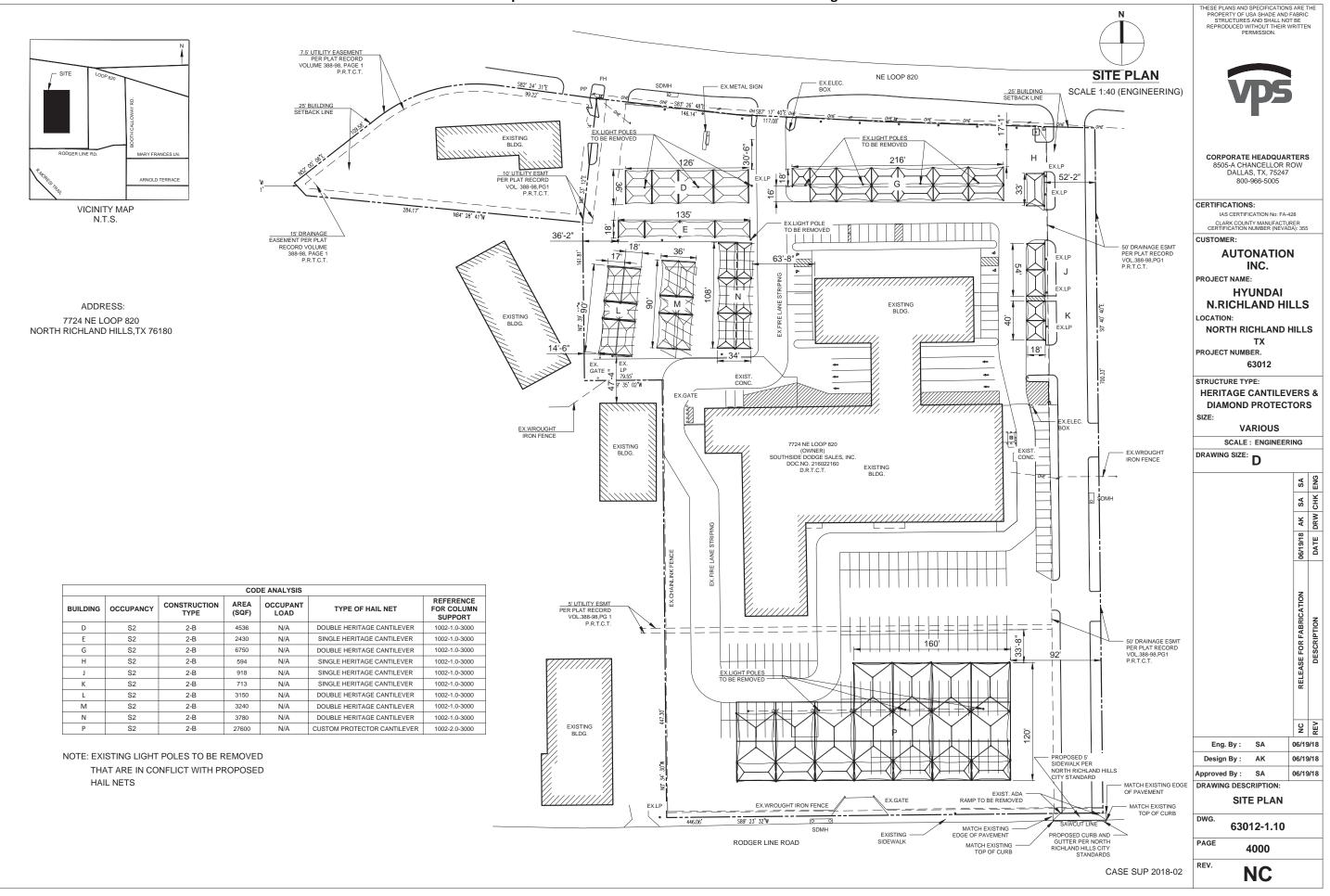


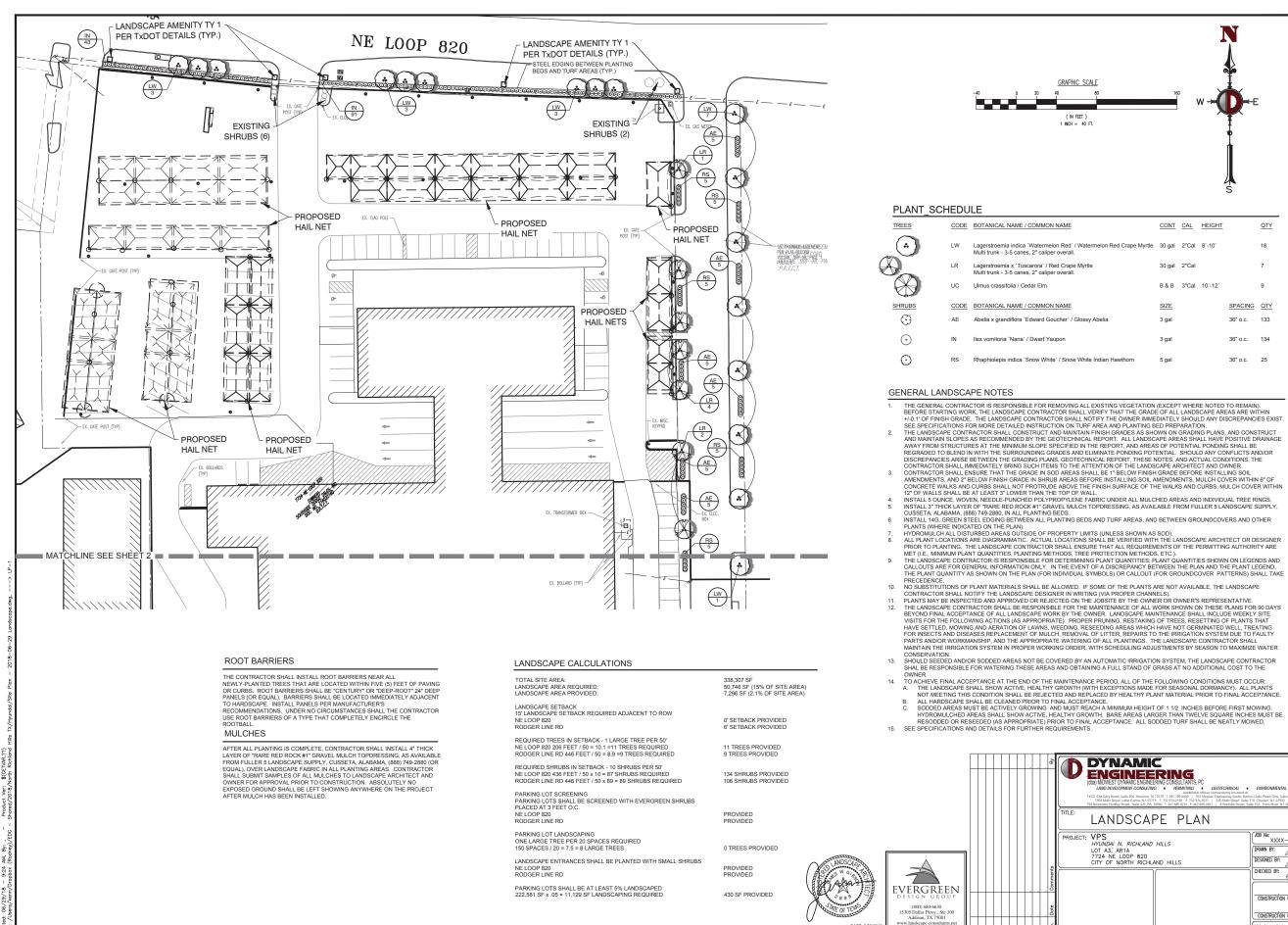


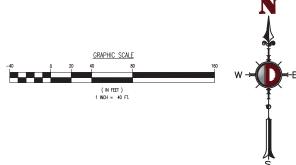








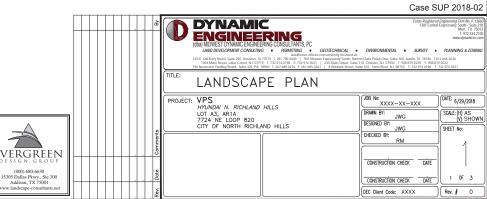


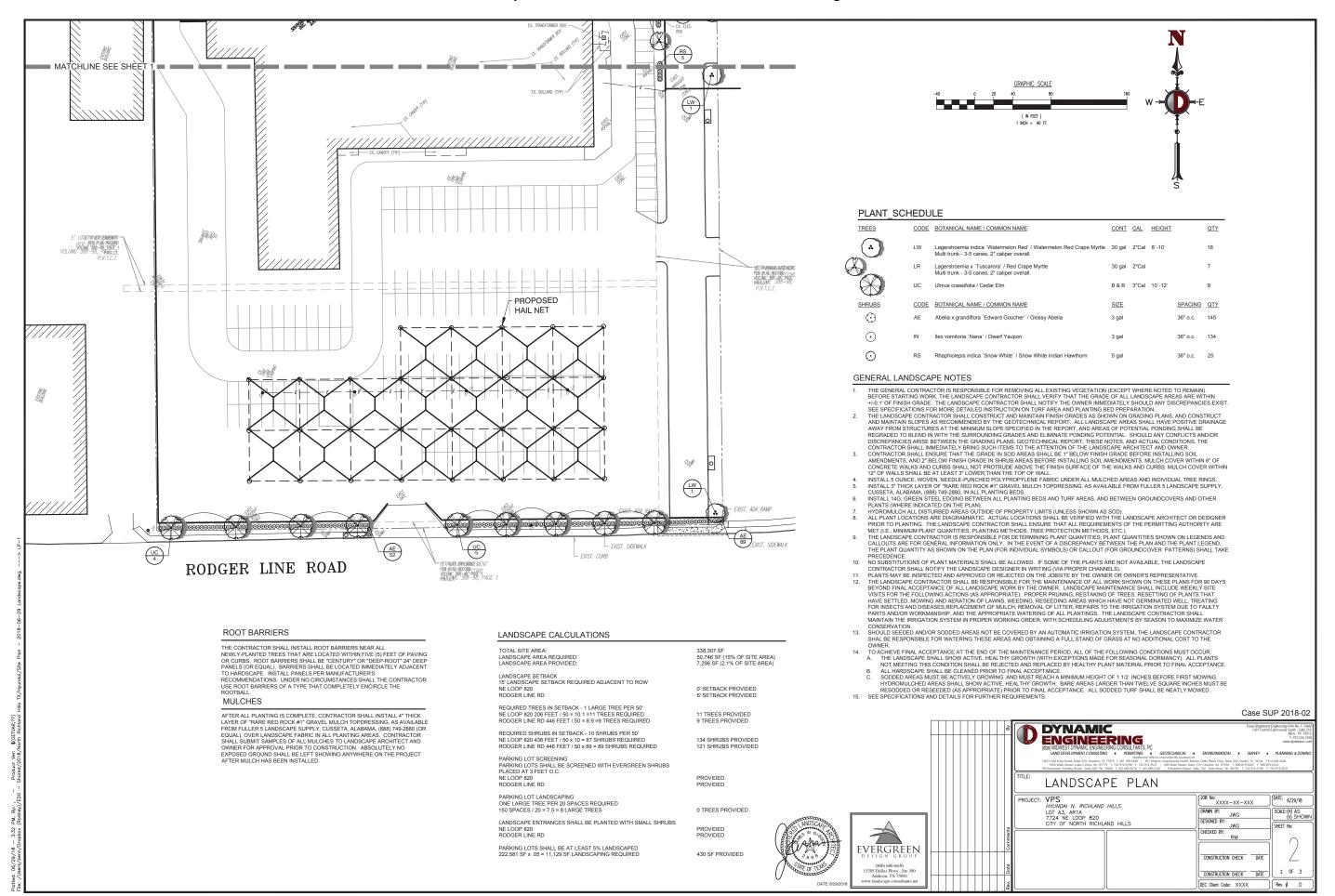


	I LANT_OOI	ILDU	<u>LL</u>					
	TREES	CODE	BOTANICAL NAME / COMMON NAME	CONT	CAL	HEIGHT		QTY
-Hi	\odot	LW	Lagerstroemia indica 'Watermelon Red' / Watermelon Red Crape Myrtle Multi trunk - 3-5 canes, 2" caliper overall.	30 gal	2"Cal	8'-10'		18
2		LR	Lagerstroemia x `Tuscarora` / Red Crape Myrtle Multi trunk - 3-5 canes, 2" caliper overall.	30 gal	2"Cal			7
		UC	Ulmus crassifolia / Cedar Elm	B & B	3"Cal	10`-12`		9
	SHRUBS	CODE	BOTANICAL NAME / COMMON NAME	SIZE			SPACING	QTY
	\odot	AE	Abelia x grandiflora `Edward Goucher` / Glossy Abelia	3 gal			36" o.c.	133
	(+)	IN	Ilex vomitoria 'Nana' / Dwarf Yaupon	3 gal			36" o.c.	134
	\odot	RS	Rhaphiolepis indica 'Snow White' / Snow White Indian Hawthorn	5 gal			36" o.c.	25

- INSTALL 14G, GREEN STEEL EDGING BETWEEN ALL PLANTING BEDS AND TURF AREAS, AND BETWEEN GROUNDCOVERS AND OTHER

- PARTS AND/OR WORKMANSHIP, AND THE APPROPRIATE WATERING OF ALL PLANTINGS. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE IRRIGATION SYSTEM IN PROPER WORKING ORDER, WITH SCHEDULING ADJUSTMENTS BY SEASON TO MAXIMIZE WATER
- SHOULD SEEDED AND/OR SODDED AREAS NOT BE COVERED BY AN AUTOMATIC IRRIGATION SYSTEM, THE LANDSCAPE CONTRACTOR SHAL BE RESPONSIBLE FOR WATERING THESE AREAS AND OBTAINING A FULL STAND OF GRASS AT NO ADDITIONAL COST TO THE





PLANTING SPECIFICATIONS

A OUALIFICATIONS OF LANDSCAPE CONTRACTOR

1. ALL LANDSCAPE WORK SHOWN ON THESE PLANS SHALL BE PERFORMED BY A SINGLE FIRM

2. A LIST OF SUCCESSFULLY COMPLETED PROJECTS OF THIS TYPE. SUZE AND NATURE MAY BE

2. A LIST OF SUCCESSFULLY COMPLETED PROJECTS OF THIS TYPE. SUZE AND NATURE MAY BE

3. THE LANDSCAPE CONTRACTOR SHALL HOLD A VALID NURSERY AND FLORAL CERTIFICATE ISSUED BY

THE TEXAS EPAPH MEMORY OF AGRICUL LINE, AS VELLAS OF PERFAYE LINEARS A COMMERCIAL PESTICIDE

STRUCTURAL PEST CONTROL BOARD.

8. SCOPE OF WORK

1. WORK COVERED BY THESE SECTIONS INCLIDES THE FURNISHING AND PAYMENT OF ALL MATERIALS,

LABON, SERVICES, EQUIPMENT, LICENSES, TAXES AND ANY OTHER TEMS THAT ARE NECESSARY FOR

ON THE LANDSCAPE PLANS NOTES, AND DETAILS.

2. ALL WORK SHALL BE PERFORMED IN ACCORMANCE WITH ALL APPLICABLE LAND, CODES AND

REGULATIONS REQUIRED BY ATHER HOW THE HAVE A PURPLEY FOR SUCH WORK, INCLIDING ALL

NISPECTIONS AND DETERMINED OF THE PURPLEY OF SUCH WORK, INCLIDING ALL

INSPECTIONS AND DETERMINED SUCH SHAPPLY.

TRANSCONTATION AND INSTALLATION OF MATERIALS.

3. MATERIAL STRUCTURE AND INSTALLATION OF MATERIALS.

3. INTERCTIONS AND DETERMINE REQUIRED BY DEPERAL STATE AND LOCAL AUTHORITIES IN SUPPLY,

TRANSCONTATION AND INSTALLATION OF MATERIALS.

A. ALL MANUFACTURED PRODUCTS SHALL BE NEW.

B. CONTAINER AND BALLED-MAD-BURLAPPED PLANTS.

1. FURNISH MURSENT-GROWN PLANTS COMPLYING WITH AND ZED 1-2004. PROVIDE WELL-SHAPED FULLY.

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SUCH AS PROVED, SUR BOACH INJURES ABRARADIOS, AND DESIGNEMENT. ALL PLANTS WITHIN A SPECIES SHALL HAVE SMALLAR SEE, AND SHALL BE GA FORM TYPICAL FOR THE SPECIES. BLITTERS SHALL BE CONTAINED FROM SOURCES WITHIN 200 MILES OF THE PROUED TISTE. AND WITH SMALLAR.

2. ROOT SYSTEMS SHALL BE HEALTH, CENSELY BRANCHED ROOT SYSTEMS, NON-POT-BOURD, FREE FROM BOURCLES HANDON GROUND ROOTS, AND FREE FROM ANY OTHER ROOT DEFECTS (SUCH AS JASH PLANTS APPEARING) TO DEFECTS SUCH AS JASH PLANTS AND SHALL BE CHARLED FOR THE SHALL BE HEALTH, CENSELY BRANCHED ROOT SYSTEMS, NON-POT-BOURD, FREE FROM BOURCLES HANDON GROUND ROOTS, AND FREE FROM PROVIDED FROM THE SITE AND SHALL BE SHAPED FROM THE SITE AND SHALL BE CHARLED FROM THE SITE AND SHALL BE THE AND SHALL BE SHAPED FROM THE SITE AND SHALL BE CHARLED FROM THE SITE AND SHALL BE SHALL BOT SHALL BE SHALL B

TO SOUL SHAPE OF ALCOMPANIES OF A THAT THAN THE SUPPLIES RESULTANDS. THE LORD CONTROL OF THE TOPSOUL SANDY TO CAY LOAM TOPSOUL, FEER OF STROKE LARGER THAN Y, ROCH, FOREIGNAMTER, PLANTS ROOTS, AND SEEDS. THAT SOUL SEEDS OF THE STROKE SEEDS OF THE SEED OF T

SAUDRES ONL CONTINUE OF SOURCE OF PLANTINGS. NO MANURE OR ANIMAL-BASED PRODUCTS SHALL BE AND FREE OF SOBSTANCES TO DIOKE TO PLANTINGS. NO MANURE OR ANIMAL-BASED PRODUCTS SHALL BE FERTILIZER: GRANULAR FERTILIZER CONSISTING OF NITROCEN PHOSPHORUS POTASSIUM, AND OTHER NUTRIENTS IN PROPORPRIORS, MOUNTS, AND RELEASE ARTES RECOMMENDED IN A SOIL REPORT FROM A OLILIFED SOIL-TESTING ACENCY (SEE BELOW).

MULCH SIZE AND TYPE AS NODULED ON PLANS, FREE PROM DELETERIOUS MATERIALS AND SUITABLE AS A MULCH SIZE AND TYPE AS NODULED ON PLANS FREE PROMINED FROM THE AND SUITABLE AS A WEED FABRIC. S GUNCE, WOVEN, NEEDLE-PUNCHED FABRIC, SUCH AS DEWITT PROS LANDSCAPE FABRIC (OR APPROVED ECIDIAL).

THE STAKENS OF LONG GREEN METAL T-POSTS.

1. STAKES OF LONG GREEN METAL T-POSTS.

2. GUNCE OF LONG GREEN METAL T-POSTS.

2. GUY AND TIE WIRE. ASTIM A 61, CLASS 1, GALVANIZED SIELE WIRE, 2-010/MUI, 17931-M. UNIONING DIAMETERS AND MARKETS STRENG CHARM CHARM PROPRIED THAT GROWN AND AST LEAST 1-12 INCH WIDE, WITH GROWNETS STRELL EDGING, 19 CHARM CHARM

CENERAL PLANTING

1. REMOVE ALL NURSERY TAGS AND STAKES FROM IT ANTS.
2. ALT REMOVE ALL NURSERY TAGS AND STAKES FROM IT ANTS.
2. ALT THE MANUFACTURER'S RECOMMENDED RATE.
3. ALT THE MANUFACTURER'S RECOMMENDED RATE.
4. THE MANUFACTURER'S RECOMMENDED RATE.
5. TRENCHING HEAR EXISTING TRESS.
6. CONTRACTOR SHALL NOT DISTURE ROTS TO SHALL ROSSERS IN DAMETER WITHIN THE CRITICAL.
6. CONTRACTOR SHALL NOT DISTURE ROTS TO SHALL ROSSERS IN THE MADE.
6. PROCLUTIONS TO A DOWN DURRY TO THE ROTS. TRUMPS, AND REMOVES THE MADE OF THE DEPOSIT OF THE PROPERTY TO TRUMPS.
6. AL CRICLUAR AREA EXTENDING OUTWARD FROM THE TREE TRUMP. WITH A RADIUS EQUAL TO THE PROPERTY TO TRUMPS. AND PROPERTY TO THE PROPERTY OF THE PROP

DEFECTS, THE CONTRACTOR SHALL SHAVE A 1-LAYER OFF OF THE SIDES AND BOTTOM OF THE ROOTBALL OF ALL TREES LINE BEFORE PLACING NOT THE PLANTING PIT. DO NOT "TESSE PROOTS OUT ROOTBALL OF ALL THESE ON HONSTRURED SUBGRADE SO THAT THE TOP OF THE ROOTBALL IS TWO TO FOUR INCHES ABOVE THE SUBROLINGING GRADE.

BACKPILL THE TREE FALL UTILIZING THE DUSTING TOPSOLE FROM ON-SITE. ROCKS LARGER THAN I "DOWN THE THE HALL UTILIZING THE DUSTING TOPSOLE FROM ON-SITE. ROCKS LARGER THAN I "DOWN THE THE HALL UTILIZING THE DUSTING TOPSOLE FROM ON-SITE OR MODERN THAN I "DOWN THE PLANTING THE STATE OF THE LANDSCAPE CONTRACTOR SHALL STRAGETED THE FELLOW THE PLANTING GUIDELINGS. SEE THE PLANTING THE STATE OF THE PLANTING THE PLANTING THE STATE OF THE PLANTING THE PLANTING THE STATE OF THE PLANTING THE PLANTING THE PLANTING THE PLANTING THE PLANTING THE STATE OF THE PLANTING THE PL

RECOMMENDATIONS.
INSTALL THE WED BARRIER CLOTH, OVERLAPPING IT AT THE ENDS. UTILIZE STEEL STAPLES TO KEEP THE WEED BARRIER CLOTH IN PLACE.
WHEN PLANTING IS COMPLETE, INSTALL MULCH (TYPE AND DEPTH PER PLANS) OVER ALL PLANTING BEDS, COVERNG THE ENTIRE PLANTING AREA.

JOING
SOU VARIETY TO BE AS SPECIFIED ON THE LANDSCAPE PLAN.
LAY SOO WITHIN 24 HOURS FROM THE TIME OF STRIPPING. DO NOT LAY IF THE GROUND IS FROZEN.
LAY SOO WITHIN 24 HOURS FROM THE TIME OF STRIPPING. DO NOT LAY IF THE GROUND IS FROZEN.
LAY THE SOO TO FORM A SOLD BANS WITH TIGHTLY FITTED JOINTS. BUTTENDS AND SIDES OF SOO
STRIPS. DO NOT OVERLAY. STRIGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES.
STRIPS. DO NOT OVERLAY. STRIGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES.
WITH THE TO THE SOOT OFFORCH AND THE ATTENDED TO THE SOOT OFFORCE AND THE ATTENDED TO OFFICIAL THE OFFICIAL THE

OMULCHING FURF HYDROMULCH MIX (PER 1,000 SF) SHALL BE AS FOLLOWS: 1. WINTER MIX (OCTOBER 1 - MARCH 31)

D HYDROMULCH MIX (PER 1,000 SF) SHALL BE.
GENERAL
50# CELLULOSE FIBER MULCH
15# 15-15-15 WATER SOLUBLE FERTILIZER
SEED RATE PER LEGEND

SOL CELLUOSE FIREM MULCH
158 15-15-15 WATER SOURCE FERTILIZER

SEED RATE PER LEGEND

CLEM. IS SEED RATE PER LEGEND

IN A NEAT, ORDERLY CONDITION.

IN PROVIDED THE WORK IN THE LANDSCAPE CONTRACTOR SHALL PROVIDE THE SITE CLEAN, FREE OF DEBISS AND TREAS AND SUITABLE FOR IS US AS INTERED. THE LANDSCAPE CONTRACTOR SHALL THEN REQUEST AM INSPECTION BY THE OWNER TO DETERMINE FINAL ACCEPTABILITY.

SHALL THEN REQUEST AM INSPECTION BY THE OWNER TO DETERMINE FINAL ACCEPTABILITY.

IN THE LANDSCAPE CONTRACTOR SHALL REPLACE MOON OR REPAIR THE REJECTED WORK TO THE OWNERS SATISFACTION WITHIN 34 HOURS.

IN THE LANDSCAPE MAINTENANCE PERFOON WILL NOT COMBENCE UNIT THE LANDSCAPE WILL THE SEED OF FINAL ACCEPTABILITY.

FINAL ACCEPTANCE WILL BE ISSUED BY THE OWNER, AND THE MAINTENANCE OF ALL MOON SHOWN FOR THE PROPOSITION OF THE OWNER AND THE MAINTENANCE OF ALL MOON SHOWN ON THE PROPOSITION OF THE OWNER AND THE MAINTENANCE OF ALL MOON SHOWN ON THE AND THE

(3) FINISH GRADE. (4) ROOT BALL

(2) TAPERED STEEL STAKES.

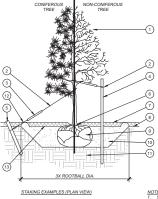
(3) MULCH, TYPE AND DEPTH PER PLANS FINISH GRADE

NOTES:

1) INSTALL EDGING SO THAT STAKES WILL BE ON INSIDE OF PLANTING BED.

2) BOTTOM OF EDGING SHALL BE BURIED A MINIMUM OF 1° BELOW FINISH GRADE.

3) TOP OF MULCH SHALL BE 1'LOWER THAN TOP OF EDGING.



TREE PLANTING

TRUNK FLARE.

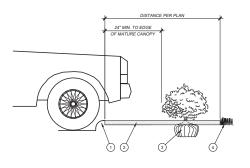
B FINISH GRADE.

9 ROOT BALL

(2) CINCH-TIES (24" BOX/2" CAL. TREES AND SMALLER)
OR 12 CAUGE GALVANIZED WIRE WITH NYLON TREE
STRAPS AT TREE AND STAKE (36" BOX/2.5" CAL
TREES AND LARGER), SECURE TIES OR STRAPS TO
TRUNK JUST ABOVE LOWEST MAJOR BRANCHES. 3 24" X 3/4" P.V.C. MARKERS OVER WIRES. GREEN STEEL T-POSTS. EXTEND POSTS 12* MIN. INTO UNDISTURBED SOIL. (5) PRESSURE-TREATED WOOD DEADMAN, TWO PER TREE (MIN.): BURY OUTSIDE OF PLANTING PIT AND 18" MIN. INTO UNDISTURBED SOIL.

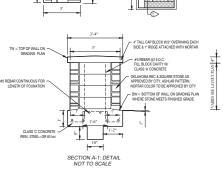
7) MULCH, TYPE AND DEPTH PER PLANS. DO NOT PLACE MULCH WITHIN 6" OF TRUNK.

10 BACKFILL. AMEND AND FERTILIZE ONLY AS RECOMMENDED IN SOIL FERTILITY ANALYSIS. (11) UNDISTURBED NATIVE SOIL.



(1) CURB. (2) MULCH LAYER

EVERGREEN

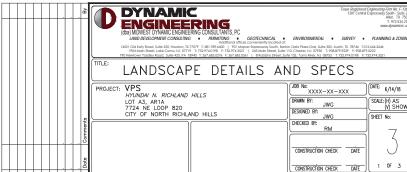


D PLANTING AT PARKING AREA

TXDOT COLUMN LANDSCAPE AMENITY

Case SUP 2018-02

DEC Client Code: XXXX Rev. # 0

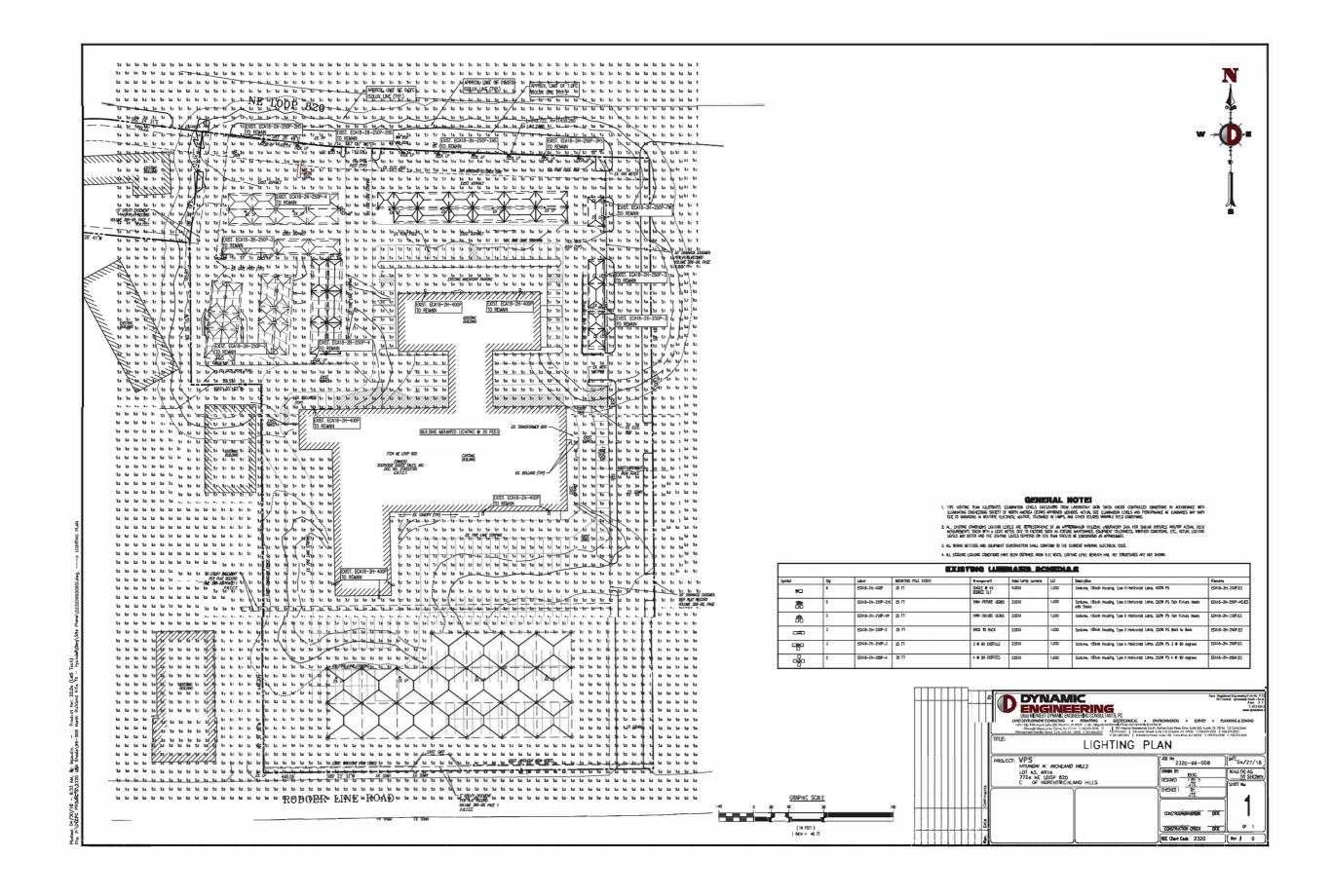


E SHRUB AND PERENNIAL PLANTING
SCALE: NTS

5 BACKFILL. AMEND AND FERTILIZE ONLY AS RECOMMENDED IN SOIL FERTILITY ANALYSIS UNDISTURBED NATIVE SOIL.

(7) 3* HIGH EARTHEN WATERING BASIN.

WEED FABRIC UNDER MULCH.



GENERAL NOTES

DESIGN LOADS

BUILDING CODE LIVE LOADS SNOW LOAD WIND LOADS

3-Sec. Gust, RISK CATEGORY || &

EXPOSURE C

1.- 115 MPH ACCORDING THE ULTIMATE WIND SPEED MAPS OF ASCE 7-10 IS EQUIVALENT TO THE NOMINAL WIND SPEED OF 90 MPH ACCORDING ASCE 7-05 AND IBC 2012 EQ 16-32.

STRUCTURAL STEEL

1.- ALL STRUCTURAL SHAPES SHALL BE COLD FORMED HSS ASTM A500 GRADE C, UNLESS OTHERWISE NOTED, TYPICAL MECHANICAL PROPERTIES FOR HSS PRODUCTS:

SQUARE AND RECTANGULAR FO.000 PSI YIELD / 62,000 PSI TENSILE FOUND PIPE

2. ALL GALVANIZED STEEL TUBE PRODUCTS ARE MANUFACTURED PER ASTM A500, TYPICAL MECHANICAL PROPERTIES ACHIEVED FOR GALVANIZED TUBE PRODUCTS: ROUND TUBE 45,000 PSI YIELD / 48.000 PSI TENSILE

3.- ALL PLATES SHALL COMPLY WITH ASTM A572 GRADE 50.

4.- ALL STEEL TUBING SHALL BE TRIPLE COATED FOR RUST PROTECTION USING THE IN-LINE ELECTROPLATING COAT PROCESS, TUBING SHALL BE INTERNALLY COATED WITH ZINC AND ORGANIC COATINGS TO PREVENT CORROSION AS MANUFACTURED BY ALLIED TUBE & CONDUIT,

5. STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH A.I.S.C. SPECIFICATIONS.

6. ALL SHOP WELDS SHALL BE EXECUTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN WELDING SOCIETY (AWS) D1.1 SPECIFICATIONS. ALL WELDS SHALL BE CONTINUOUS WHERE LENGTH IS NOT GIVEN, UNLESS OTHERWISE SHOWN OR NOTED ON DRAWINGS. ALL WELDS SHALL DEVELOP THE FULL STRENGTH OF THE WEAKER MEMBER, ALL WELDS SHALL BE MADE USING E70XX .045 WIRE.

7.- SHOP CONNECTIONS SHALL BE WELDED UNLESS NOTED OTHERWISE, FIELD CONNECTIONS SHALL BE AS INDICATED ON THE DRAWINGS (IF REQUIRED), ALL FILLET WELDS SHALL BE A MINIMUM OF 3/16" UNLESS OTHERWISE NOTED, FIELD WELDS SHALL NOT BE ALLOWED,

8.- ALL HIGH STRENGTH BOLTS SHALL COMPLY WITH ASTM A325 TYPE 1 OR A490 TYPE 1, ALL NUTS SHALL COMPLY WITH ASTM A563DH, AND WASHERS SHALL COMPLY WITH ASTM F436,

 9_{τ} ALL HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION.

10.- ALL STAINLESS STEEL BOLTS / STUDS SHALL COMPLY WITH ASTM F-593. ALLOY GROUP 1 OR 2 ALL NUTS SHALL COMPLY WITH ASTM F-594 ALLOY GROUP 1 OR 2.

11.- ALL STRUCTURAL STEEL SHALL BE PAINTED WITH ONE SHOP COAT (2.5 TO 3.5 MILS THICK MIN), THIS COAT IS A WEATHER RESISTANT POWDER COATING BASED ON POLYESTER TGIC (MANUFACTURED BY SHERWIN WILLIAMS OR TIGER DRYLAC), TO ACHIEVE OPTIMUM ADHESION, IT IS RECOMMENDED THAT THE PROPER TREATMENT AND DRYING TAKE PLACE BEFORE COATING, POLYESTER POWDER (TGIC) SPECIFICATIONS SHALL BE AS FOLLOWS:

-PENCIL HARDNESS (ASTM D-3363)
-HUMIDITY (ASTM D-2247)
-SOLVENT RESISTANCE (PCI METHOD) - 50 DBL RUBS SL. SOFTNES

FABRIC SPECIFICATION

1. FABRIC SHALL BE A HIGH DENSITY POLYETHYLENE WITH ULTRA VIOLET ADDITIVES, WITH MONOFILAMENT AND TAPE CONSTRUCTION GIVING A STABLE MATERIAL AND RACHEL KNITTED TO ENSURE MATERIAL WILL NOT UNRAVEL IF CUT.

SOLIO COLORS STRIPE COLORS
MINIMUM FADING AFTER 5 YEARS
A MINIMUM OF 8 YEARS CONTINUOUS - FADING - LIFE EXPECTANCY EXPOSURE TO THE SUN

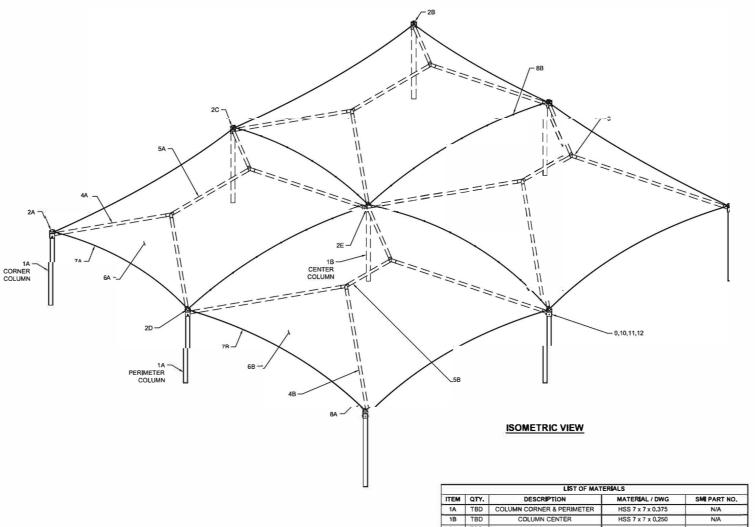
3c FIRE TEST ON FABRIC: NFPA 701 TEST 2 AND ASTM E 64

4. THREAD-PTFE (TEFLON) USED MEET THE FOLLOWING SPECIFICATIONS: HIGH STRENGTH, LOW SHRINKAGE, WIDE TEMPERATURE RANGE. FLEX & ABRASION RESISTANT AND UV RADIATION IMMUNITY, LOCKSTITCH - 1200 DENIER, CHAINSTITCH THREAD - 2400 DENIER.

AIRCRAFT CABLE

1. WIRE ROPE CABLE SHALL BE 7x19 STRAND CORE GALVANIZED WIRE ROPE WITH A BREAKING STRENGTH VALUE OF 14,400 LBS (3/8* DIAMETER).

2. CABLES SHALL BE FED THROUGH THE FABRIC SLEEVES AROUND THE PERIMETER OF THE CANOPY AND TENSIONED UNTIL THE FABRIC PANELS (DESIGNED PURPOSELY UNDERSIMED) REACH A TAUNT APPEARANCE, ANY LONG TERM CABLE SAG SHALL BE MINIMIZED DURING THE MAINTENANCE RE-TIGHTENING VISITS AS REQUIRED.



CODE ANALYSIS

SHADE STRUCTURE

DIAMOND PROTECTORS

OCCUPANCY | CONSTRUCTION TYPE | AREA (SQF) | OCCUPANT LOAD

ITEM	QTY.	DESCRIPTION	MATERIAL / DWG	SMI PART N
1A	TBD	COLUMN CORNER & PERIMETER	HSS 7 x 7 x 0.375	N/A
1B	TBD	COLUMN CENTER	HSS 7 x 7 x 0,250	N/A
2A	TBD	CROWN SINGLE RIGHT	HSS 8 x 8 x 0.375	N/A
2B	TBD	CROWN SINGLE LEFT	HSS 8 x 8 x 0.375	N/A
2C	TBD	CROWN DOUBLE LONG SIDE	HSS 8 x 8 x 0,375	N/A
2D	TBD	CROWN DOUBLE SHORT SIDE	HSS 8 x 8 x 0.375	N/A
2E	TBD	CROWN CENTER	HSS 8 x 8 x 0.375	N/A
3	TBD	CROSSPIECE	5,0 GA, 7 RD, TUBE	N/A
4A	TBD	EXTENSION	5,0 GA. 7 RD, TUBE	LENGTH VARI
4B	TBD	EXTENSION	5,0 GA. 7 RD. TUBE	LENGTH VAR
5A	TBD	RIDGE	5,0 GA, 7 RD, TUBE	LENGTH VAR
5B	TBD	RIDGE	5,0 GA. 7 RD, TUBE	LENGTH VAR
6A	TBD	FABRIC TOP (CUSTOM)	EXTREME32	LENGTH VAR
68	TBD	FABRIC TOP (CUSTOM)	EXTREME 32	LENGTH VAR
7A	TBD	3/8° STEEL CABLE	GALVANIZED CABLE	LENGTH VARI
7B	TBD	3/8° STEEL CABLE	GALVANIZED CABLE	LENGTH VAR
8A	TBD	Ø3/8° CABLE CLAMP	GALVANIZED	307629
8B	TBD	Ø1/2° CABLE CLAMP	GALVANIZED	307627
9	TBD	Ø3/4"-10NC x 9 1/2" HEX BOLT	ASTM A325 GALVANIZED	306328
10	TBD	Ø3/4*-10NC HEX NUT	ASTM A563 GALVANIZED	307687
11	TBD	Ø3/4° SPLIT LOCK WASHER	ASTM F436 GALVANIZED	307832
12	TBD	Ø3/4" FLAT WASHER	ASTM F436 GALVANIZED	307624

THESE PLANS AND SPECIFICATIONS PROPERTY OF USA SHADE AND F	ADDIC	
STRUCTURES AND SHALL NOT REPRODUCED WITHOUT THEIR WI PERMISSIONL	BE RITTE	N
PERMISSIONE		
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CERTIFICATIONS:		┪
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STRUCTURE TYPE:		
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Eng, By: AK

Approved By: SA 05/26/17

NOTES / LOM

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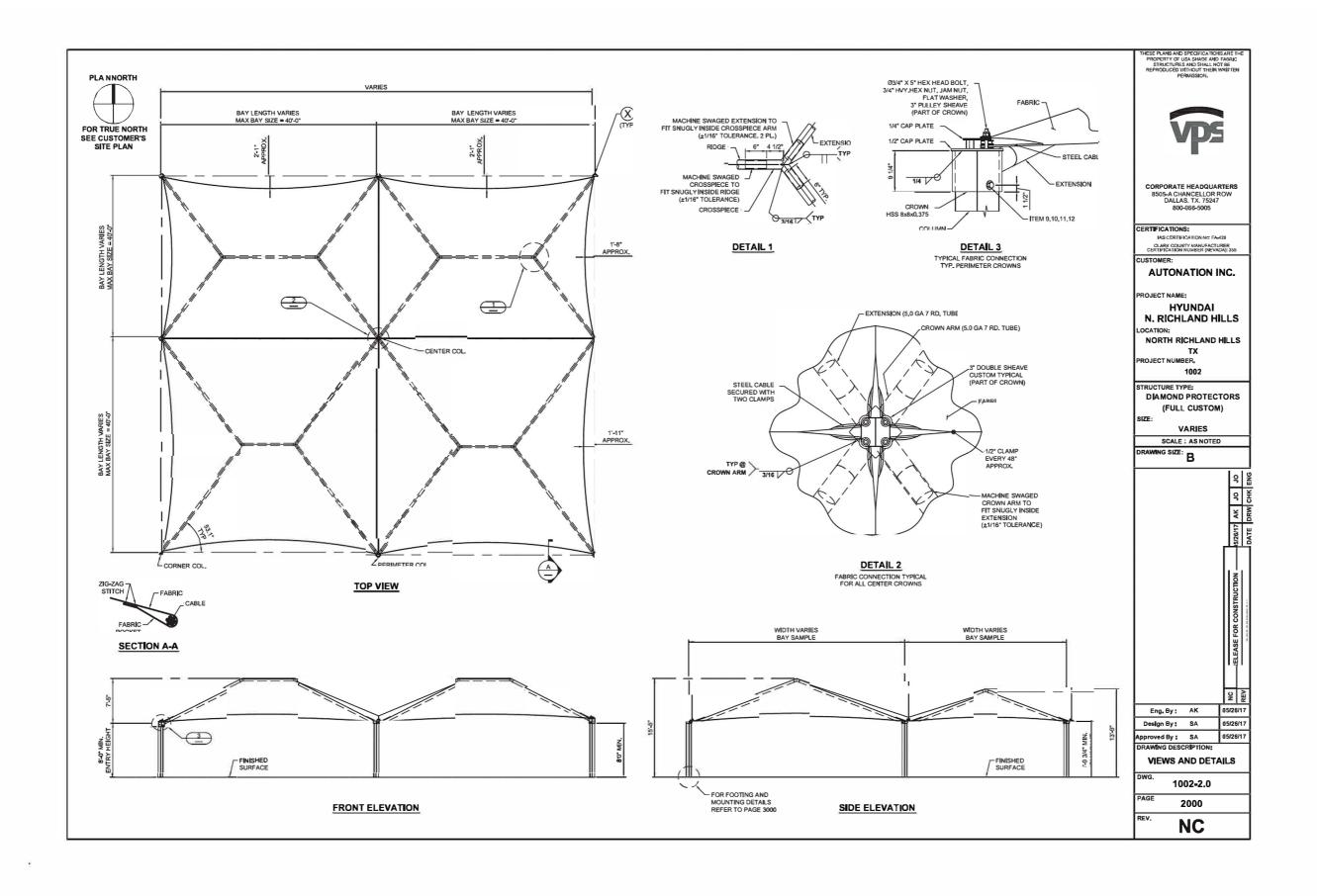
1000 NC

Design By: SA

DRAWING DESCRIPTION

05/26/17

05/26/17



GENERAL NOTES

DESIGN LOADS

BUILDING CODE IBC 2012 5 PSF SNOW LOAD WIND LOADS

5 PSF 115 MPH 3-Sec. Gust, RISK CATEGORY II & EXPOSURE C

1.- 115 MPH ACCORDING THE ULTIMATE WIND SPEED MAPS OF ASCE 7-10 IS EQUIVALENT TO THE NOMINAL WIND SPEED OF 90 MPH ACCORDING ASCE 7-05 AND IBC 2012 EQ 16-32.

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ROUND PIPE

50,000 PSI YIELD / 62,000 PSI TENSILE
46,000 PSI YIELD / 62,000 PSI TENSILE

2.- ALL GALVANIZED STEEL TUBE PRODUCTS ARE MANUFACTURED PER ASTM A500 TYPICAL MECHANICAL PROPERTIES ACHIEVED FOR GALVANIZED TUBE PRODUCTS;
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MINIMUM FADING AFTER 5 YEARS - LIFE EXPECTANCY A MINIMUM OF 8 YEARS CONTINUOUS

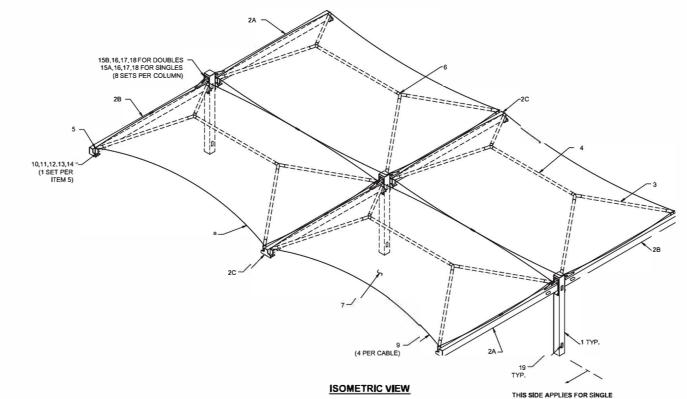
EXPOSURE TO THE SUN

3.- FIRE TEST ON FABRIC: NFPA 701 TEST 2 AND ASTM E 84

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OCCUPANCY CONSTRUCTION AREA OCCUPANT
TYPE (SQF) LOAD

	LIST OF MATERIALS (PROJECT TOTALS)						
ITEM	QTY.	DESCRIPTION	MATERIAL / DWG.	SMI PART No.			
1	TBD	COLUMN (ELECTRICAL)	HSS 10.0 x 10.0 x 0.375	N/A			
2A	TBD	RIGHT CANTILEVER BEAM (ELECTRICAL)	HSS 10,0 x 6,00 x 0,375	N/A			
28	TBD	LEFT CANTILEVER BEAM (ELECTRICAL)	HSS 10.0 x 6.00 x 0.375	N/A			
2C	TBD	CENTER CANTILEVER BEAM (ELECTRICAL)	HSS 10.0 x 6.00 x 0.375	N/A			
3	TBD	EXTENSION	4.0 GA 8 RD. TUBING	N/A			
4	TBD	RIDGE (ELECTRICAL)	4.0 GA 8 RD. TUBING	N/A			
5	TBD	RAFTER	4.0 GA 8 RD. TUBING	N/A			
6	TBD	CROSSPIECE (ELECTRICAL)	4.0 GA 8 RD. TUBING	N/A			
7	TBD	FABRIC TOP CANT	EXTREME 32	AREA & WEIGHT VARIES			
8	TBD	3/8" STEEL CABLE	GALVANIZED	LENGTH VARIES			
9	TBD	3/8° CABLE CLAMP	GALVANIZED	307629			
10	TBD	Ø1/2"-13NC x 5" HEX BOLT	18-8 SS	307980			
11	TBD	Ø1/2"-13NC HEX NUT	18-8 SS	307621			
12	TBD	Ø1/2" FLAT WASHER	18-8 SS	307645			
13	TBD	Ø1/2" FLAT WASHER	DELRÍN (ACETAL)	308083			
14	TBD	Ø1/2" SPLIT LOCK WASHER	18-8 SS	117028			
15A	TBD	Ø3/4"-10NC x 13" HEX BOLT	ASTM A325 GALVANIZED	307984			
15B	TBD	Ø3/4"-10NC x 14" HEX BOLT	ASTM A325 GALVANIZED	307985			
16	TBD	Ø3/4"-10NC HEX NUT	ASTM A563 GALVANIZED	307687			
17	TBD	Ø3/4° SPLIT LOCK WASHER	ASTM F436 GALVANIZED	307832			
18	TBD	Ø3/4" FLAT WASHER	ASTM F436 GALVANIZED	307624			
19	TBD	HANDHOLE COVER KIT	5" x 5" HANDHOLE COVER KIT	HHCOV KIT-55			
20	TBD	ANCHOR ROD SET 1-1/4" x 36°	F1554 GR55	307615			

			STRUCTURES ONLY						
	LIST OF MATERIALS (PROJECT TOTALS)								
TEM	QTY.	DESCRIPTION	MATERIAL / DWG.	SMI PART No.					
1	TBD	COLUMN (ELECTRICAL)	HSS 10.0 x 10.0 x 0.375	N/A					
2A	TBD	RIGHT CANTILEVER BEAM (ELECTRICAL)	HSS 10,0 x 6,00 x 0,375	N/A					
2B	TBD	LEFT CANTILEVER BEAM (ELECTRICAL)	HSS 10.0 x 6.00 x 0.375	N/A					
2C	TBD	CENTER CANTILEVER BEAM (ELECTRICAL)	HSS 10.0 x 6.00 x 0.375	N/A					
3	TBD	EXTENSION	4.0 GA 8 RD. TUBING	N/A					
4	TBD	RIDGE (ELECTRICAL)	4.0 GA 8 RD. TUBING	N/A					
5	TBD	RAFTER	4.0 GA 8 RD. TUBING	N/A					
6	TBD	CROSSPIECE (ELECTRICAL)	4.0 GA 8 RD. TUB I NG	N/A					
7	TBD	FABRIC TOP CANT	EXTREME 32	AREA & WEIGHT VARIES					
8	TBD	3/8" STEEL CABLE	GALVANIZED	LENGTH VARIES					
9	TBD	3/8° CABLE CLAMP	GALVANIZED	307629					
10	TBD	Ø1/2"-13NC x 5" HEX BOLT	18-8 SS	307980					
11	TBD	Ø1/2"-13NC HEX NUT	18-8 SS	307621					
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20	TBD	ANCHOR ROD SET 1-1/4" x 36"	F1554 GR55	307615					



CORPORATE HEADQUARTERS 8505-A CHANCELLOR ROW DALLAS, TX, 75247 800-966-5005

CERTIFICATIONS: IAS CERTIFICATION NO FA-428

CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355 CUSTOMER:

AUTONATION INC.

HYUNDAİ N. RICHLAND HILLS

NORTH RICHLAND HILLS TX

PROJECT NUMBER,

1002

STRUCTURE TYPE: SINGLE & DOUBLE JOINED **HERITAGE CANTILEVERS**

VARIOUS

SCALE : AS NOTED DRAWING SIZE: B

Eng. By: Design By : Approved By : DRAWING DESCRIPTIO

NOTES / LOM

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