

3/32" = 1'-0"

MATERIALC	ATERIAL CALCULATIONS-OVERALL W/OUT WINDOW				
	PERCENTAGE				
STONE -1	11,972	38%			
STUCCO	15,595	50%			
STONE -2	3,635	12%			
TOTAL	31,202	100%			

MATERIAL CALCULATIONS-EAST W/OUT WINDOW

PERCENTAGE

36%

51%

13%

100%

PERCENTAGE

47%

49%

4%

AREA

4,580

6,418

1,663

12,661

MATERIAL CALCULATIONS-NORTH W/OUT WINDOW

AREA

1,601

1,656

144

3,401

MATERIAL CALCULATIONS-OVERALL W/ WINDOW				
	AREA	PERCENTAGE		
STONE - 1	11,972	33%		
STUCCO	15,595	43%		
STONE -2	3,635	10%		
WINDOW	5,200	14%		
TOTAL	36,402	100%		

MATE	RIAL CALCULATIONS-EAST W	/ WINDOW
	AREA	PERCENTAGE
STONE-1	4,580	31%
STUCCO	6,418	44%
STONE-2	1,663	11%
WINDOW	1,917	13%

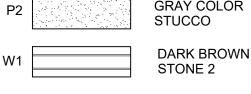
MATERIAL CALCULATIONS-NORTH W/WINDOW						
AREA PERCENTAGE						
1,601	43%					
1,656	45%					
144	4%					
300	8%					
3,701	100%					
	1,601 1,656 144 300					

MATERIAL LEGEND:

INDICATES 1"

SEALED UNIT

S1	STONE FINISH
P1	OFF WHITE COLO STUCCO
D 0	GRAY COLOR





WINDOW IN
CLEAR ANODIZED
ALUMINUM
FRAMES WITH
VARYING SIZES

ARCHITECT:

CONSULTANT:

ARCHITECTURE • URBAN PLANNING • INTERIOR DESIGN

TownePlace-logo.tif

PRP.ARQ, corp.

email: ppatel2030@gmail.com

3 Colonial Court

www.prparq.com

FRISCO TEXAS USA

Frisco, Texas 75034 tel: 972 900 3104

GENERAL NOTES:

STONE -1

STUCCO

STONE- 2

TOTAL

STONE - 1

STUCCO

STONE -2

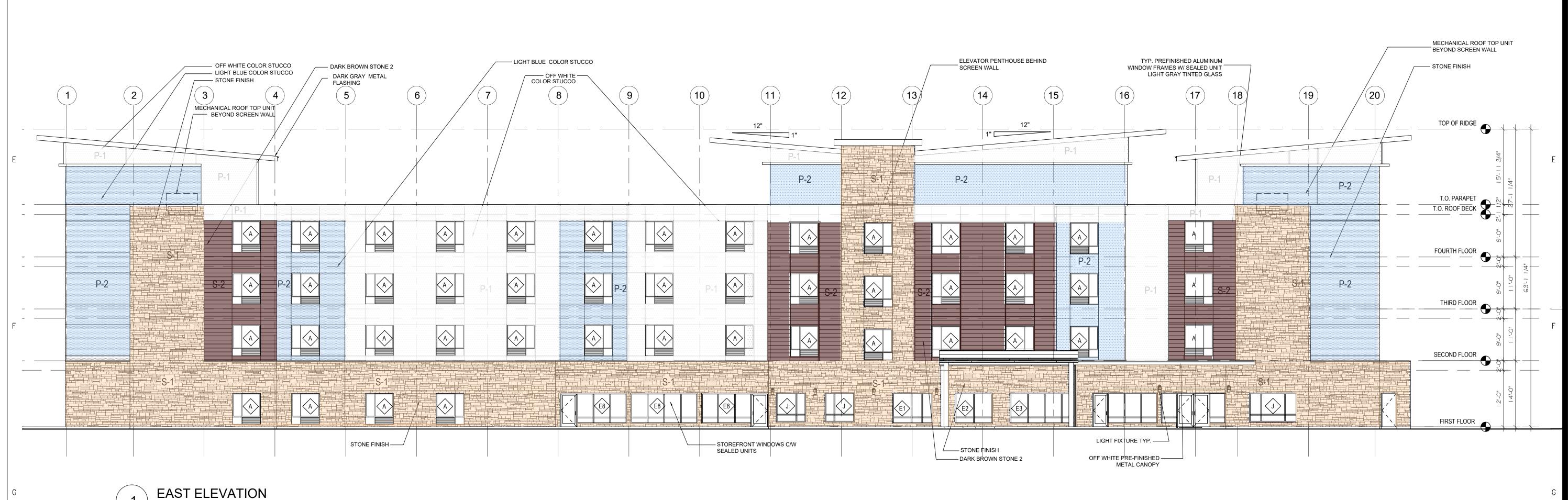
5

- This Facade Plan is for conceptual purposes only. all building plans require review and approval from the
- Building Inspections Division.

 All mechanical equipment shall be screened from public view. rooftop mounted equipment shall be screed
- by a parapet wall or screening wall. screening walls shall be the specifications of the Zoning Ordinance.
 When permitted, exposed utility boxes and conduits shall be painted to match the building.
- All signage areas and locations are subject to approval by the Building Inspections Division.
- Windows shall have a maximum exterior visible reflectivity of ten (10) percent.
- Any deviation from the approved Facade Plan will require re-approval by the Town of Prosper.

SPECIAL NOTES:

A MINIMUM 4'X4' BUILDING MATERIAL MOCK-UP BOARD MUST BE CONSTRUCTED AT THE SITE AND INSPECTED BY THE PLANNING DIVISION PRIOR TO VERTICAL CONSTRUCTION.



TownePlace Suites - MARRIOTT
PRAIRIE DRIVE AND MAHARD PARKWAY
PROSPER. TEXAS - 75078

30% FRANCHISE SUBMISSION 3/4/2023
SSUE DESCRIPTION DATE
PROFESSIONAL SEALS

EXTERIOR ELEVATONS

PROJECT NUMBER PROJECT ABBREVIATION

DATE CURRENT DOCUMENTATION STAGE PERMIT

A210



MATERIAL CALCULATIONS-WEST W/OUT WINDOW						
AREA PERCENTAG						
STONE	4,476	37%				
STUCCO	5,869	49% 14%				
WALL PANEL	1,619					
TOTAL	11,964	100%				

MATERIAL CALCULATIONS-SOUTH W/OUT WINDOW

AREA

1,652

209

IVIATE		AL CALCULATIONS-WEST W/ WINDOW			
	AREA	PERCENTAGE 31%			
STONE-1	4,476				
STUCCO	5,869	41% 11%			
STONE-2	1,619				
WINDOW	2,285	16%			
TOTAL	14,249	100%			

MATERIAL CALCULATIONS-SOUTH W/ WINDOW				
	AREA	PERCENTAGE		
ONE-1	1,315	34%		
UCCO	1,652	43%		
ONE-2	209	5%		
NDOW	698	18%		
ΟΤΔΙ	3 874	100%		

MATERIAL LEGEND:

STONE FINISH OFF WHITE COLOR

> **GRAY COLOR** STUCCO

> > DARK BROWN WALL PANEL

STUCCO

TownePlace-logo.tif

ARCHITECT:

CONSULTANT:

ARCHITECTURE • URBAN PLANNING • INTERIOR DESIGN

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email: ppatel2030@gmail.com

3 Colonial Court Frisco, Texas 75034

tel: 972 900 3104

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FRISCO TEXAS USA

GENERAL NOTES:

STONE-1

STUCCO

STONE-2

5

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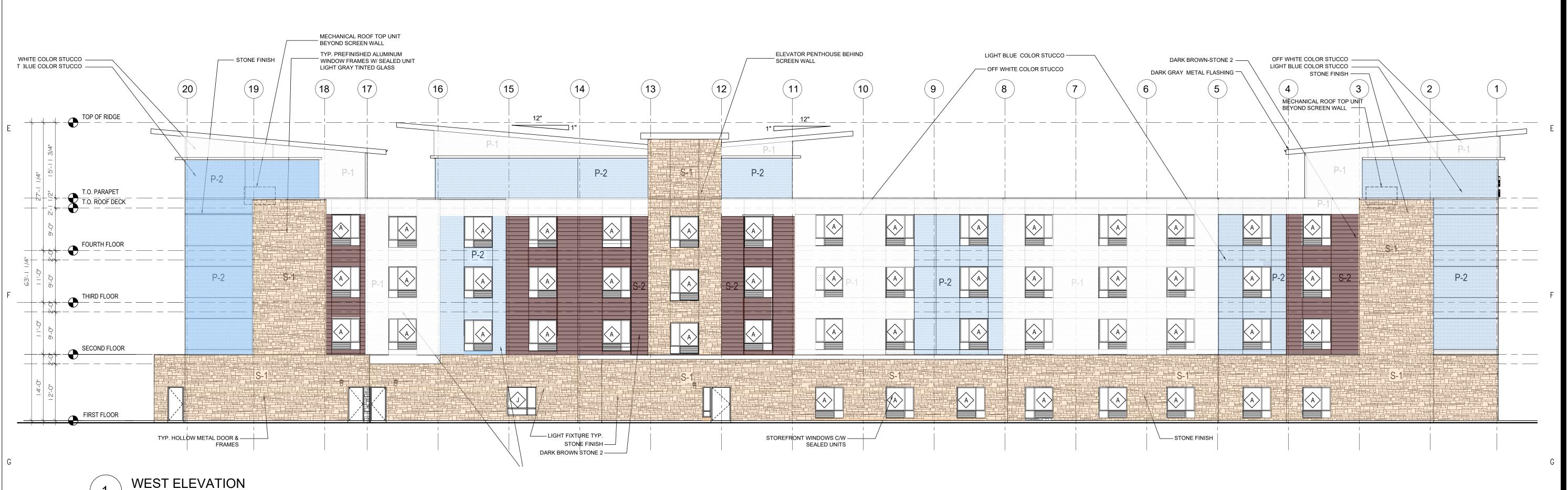
PERCENTAGE

41%

52%

7%

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- When permitted, exposed utility boxes and conduits shall be painted to match the building.
- All signage areas and locations are subject to approval by the Building Inspections Division.
- Windows shall have a maximum exterior visible reflectivity of ten (10) percent.
 Any deviation from the approved Facade Plan will require re-approval by the Town of Prosper.
- 1. A MINIMUM 4'X4' BUILDING MATERIAL MOCK-UP BOARD MUST BE CONSTRUCTED AT THE SITE AND INSPECTED BY THE PLANNING DIVISION PRIOR TO VERTICAL CONSTRUCTION.



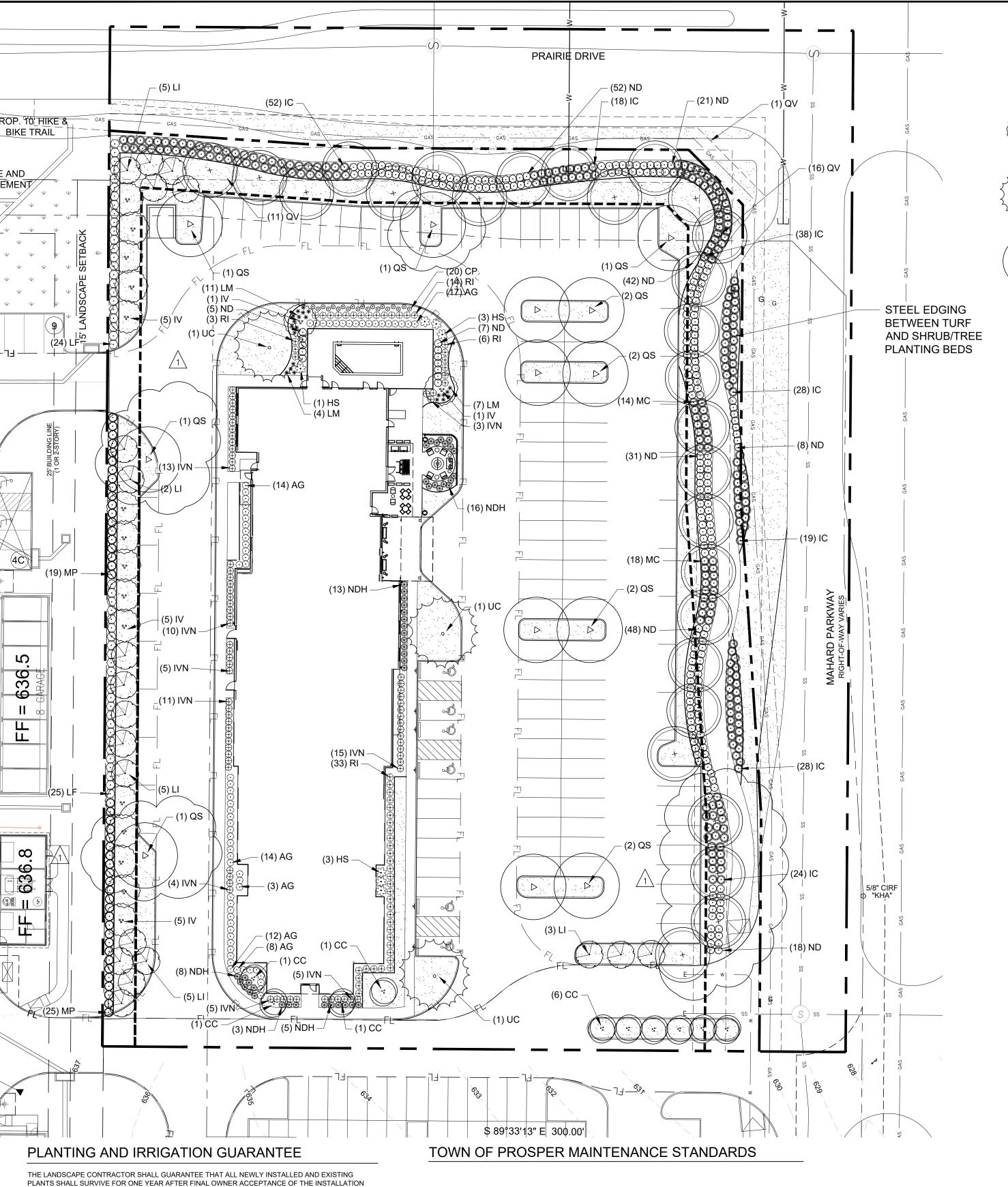
HARD FownePlace Suites - PRAIRIE DRIVE A 30% FRANCHISE SUBMISSION SSUE DESCRIPTION PROFESSIONAL SEALS

EXTERIOR

13 FEBRUARY 2022

ELEVATONS

3/4/2023



PLANTS SHALL SURVIVE FOR ONE YEAR AFTER FINAL OWNER ACCEPTANCE OF THE INSTALLATION WORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR APPROPRIATE WATERING OF THE LANDSCAPE THROUGH INSTALLATION OF A PROPERLY DESIGNED IRRIGATION SYSTEM. THE OWNER SHALL APPROVE THE SYSTEM DESIGN BEFORE INSTALLATION OF PLANTS OR IRRIGATION.

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 3" THICK LAYER OF 1-1/2" SHREDDED WOOD MULCH OVER LANDSCAPE FABRIC IN ALL PLANTING AREAS (EXCEPT FOR TURF AND SEEDED 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.

- A. THE OWNER, TENANT AND/OR THEIR AGENT, IF ANY, SHALL BE JOINTLY AND SEVERALLY RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPING REQUIRED BY THIS ORDINANCE. ALL PLANT MATERIAL SHALL BE PERPETUALLY MAINTAINED IN A HEALTHY AND GROWING CONDITION AS IS APPROPRIATE FOR THE SEASON OF THE YEAR. PLANT MATERIALS THAT DIE SHALL BE REPLACED BY PROPERTY OWNER, TENANT OR AGENT WITH PLANT MATERIAL OF SIMILAR VARIETY AND SIZE, WITHIN THIRTY (30) DAYS OF NOTIFICATION BY THE TOWN OR A DATE APPROVED BY THE TOWN.
- B. ALL TREES LOCATED ON TOWN PROPERTY SHALL BE CARED FOR BY THE TOWN UNLESS THAT RESPONSIBILITY IS TRANSFERRED TO ANOTHER ENTITY THROUGH A COUNCIL-APPROVED AGREEMENT THE DIRECTOR OF THE PARKS AND RECREATION DEPARTMENT SHALL ENSURE THAT THE TOWN, OR ITS CONTRACTOR, MONITORS AND CARES FOR TREES IN A WAY THAT PROMOTES A HEALTHY AND GROWING URBAN FOREST, IS PERFORMED ACCORDING TO ANSI A300, "STANDARDS FOR TREE CARE OPERATIONS," AND TREE CARE BEST MANAGEMENT PRACTICES PUBLISHED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE. IT SHALL BE UNLAWFUL TO REMOVE, PRUNE, DAMAGE OR OTHERWISE HARM TREES ON TOWN PROPERTY WITHOUT PERMISSION FROM THE DIRECTOR OF THE PARKS AND RECREATION DEPARTMENT. THE PARKS AND RECREATION DEPARTMENT SHALL BE RESPONSIBLE FOR DEVELOPING AND UPDATING AN ANNUAL WORK PLAN. THIS WORK PLAN SHALL DOCUMENT WHAT MAINTENANCE ACTIVITIES ARE BEING PERFORMED AND SCHEDULED EACH YEAR. THE PARKS AND RECREATION BOARD MAY APPOINT AN ADVISORY COMMITTEE TO FOCUS ON ISSUES AND INITIATIVES THAT PERTAIN TO ANY URBAN FOREST THAT IS LOCATED ON PUBLIC LANDS.

PLANT SCHEDULE

ILANI_JCI		-l-					
TREES	CODE	COMMON / BOTANICAL NAME	SIZE	CONTAINER	QTY		
•••	СС	Texas Redbud / Cercis canadensis 'texensis min. 7' ht.;	CONT.	3" Cal	10		
**	IV	'Pride of Houston' Yaupon Holly / Ilex vomitoria 'Pride of Houstor min. 7' ht.; multi-trunk	n' CONT.	3" Cal	17		
u ()	LI	Tuscarora Crape Myrtle / Lagestroemia indica 'Tuscarora' min. 7' ht.; multi-trunk	CONT.	3" Cal.	20		
·	UC	Cedar Elm / Ulmus crassifolia min. 7' ht.	CONT.	3" Cal	3		
+	QV	Live Oak / Quercus virginiana min. 7' ht.	CONT.	3" Cal	28	LANDSCAPE CALCULATIONS	
A	QS	Red Oak / Quercus shumardii min. 7' ht.	CONT.	3" Cal	13	LOT AREA: REQUIRED OPEN SPACE: PROVIDED OPEN SPACE:	159,327 SF 11,153 SF (7%) 20,854 SF (13.1%)
SHRUBS	CODE	COMMON / BOTANICAL NAME	SIZE		QTY	STREET FRONTAGE:	
	AG	Glossy Abelia / Abelia grandiflora	5 gal		65	MAHARD PARKWAY 468.16 LF TREES @ 1 / 30 LF:	16 TREES REQUIRED
	NO	36" o.c; min. 24" tall	o gai		00	SHRUBS @ 15 / 30 LF:	16 TREES PROVIDED 234 SHRUBS REQUIRED
$\stackrel{\textstyle imes}{}$	CP	Hardy Plumbago / Ceratostigma plumbaginoides	1 gal		20		288 SHRUBS PROVIDED
\oplus	IVN	Dwarf Yaupon / Ilex vomitoria `Nana` 36" o.c.; 24" tall	5 gal		67	PRAIRIE DR. 340 LF TREES @ 1 / 30 LF:	12 TREES REQUIRED 12 TREES PROVIDED 170 SHRUBS REQUIRED
\bigcirc	LF	Texas Sage / Leucophyllum frutescens 'Compacta' 48" o.c.; 24" tall	5 gal.		49	SHRUBS @ 15 / 30 LF:	170 SHRUBS PROVIDED
	IC	Dwarf Burford Holly / Ilex cornuta 'Burfordii Nana' 36" o.c.; Min. 24" tall @ time of planting, 36" tall in one gro	5 gal wing seas	on	239	PARKING LOT TOTAL PARKING SPACES: REQUIRED INTERIOR LANDSCAPE AREA: PROVIDED INTERIOR LANDSCAPE AREA:	112 1,680 SF (15 SF / PARKING SPAC
*	LM	Super Blue Liriope / Liriope muscari 'Super Blue' 12" tall	3 gal		18	PROVIDED INTERIOR LANDSCAPE AREA: 1 TREE PROVIDED AT THE TERMINUS OF EACI ADDITIONAL SHRUBS PROVIDED AS A SOLID L	
0	MP	Dwarf Wax Myrtle / Myrica pusilla 48" o.c.; 24" tall	5 gal		44	PERIMETER LANDSCAPE WEST PROPERTY LINE 476.44 LF	
\wedge	ND	Obsession Nandina / Nandina domestica 'Seika' 36" o.c.; Min. 24" tall @ time of planting, 36" tall in one gro	5 gal. wing seas	on	231	TREES REQUIRED (1 ORNAMENTAL TREE / 15 LF): TREES PROVIDED:	32 32
	HS	Althea / Hibiscus syriacus 36" o.c.; 24" tall	5 gal		7	SHRUBS REQUIRED (1 SHRUBS/15 LF): SHRUBS PROVIDED:	32 91
\bigoplus	RI	Snow White Hawthorn / Rhaphiolepis indica 'Snow White' 36" o.cl.; 24" tall	5 gal		56	SOUTH PROPERTY LINE - 340.58 TREES REQUIRED (1 ORNAMENTAL TREE / 15 LF):	23
	NDH	Harbour Dwarf Nandina / Nandina domestica 'Harbour Dw 36" o.c.	arf' 5 gal		40	TREES PROVIDED: SHRUBS REQUIRED (1 SHRUBS/15 LF): SHRUBS PROVIDED: * DUE TO SHARED DRIVE ACCESS	14* 23 37
GROUND COVERS	CODE	COMMON / BOTANICAL NAME	SIZE		<u>QTY</u>		
	CD	Bermuda Grass / Cynodon dactylon `tif 419`	sod		24,180 sf	NO EXISTING TREES ON SITE	

TOWN OF PROSPER GENERAL LANDSCAPE NOTES

- 1) Plant material shall be measured and sized according to the latest edition of the Texas Nursery & Landscape Association (TNLA) Specifications, Grades and
- 2) All plant substitutions are subject to Town approval and must be specified on the approved landscape plan.
- 3) All turf areas to be established prior to the Certificate of Occupancy, unless otherwise approved by the Town. 4) Ground covers used in lieu of turf grass must provide complete coverage within one (1) year of planting and maintain adequate coverage as approved by the Town.
- 5) Trees must be planted four (4) feet or greater from curbs, sidewalks, utility lines, screening walls, and/or other healthy root growth. 6) Tree pits shall have roughened sides and be two to three times wider than the root ball of the tree in order to facilitate healthy root growth.
- 7) Tree pits shall be tested for water percolation. If water does not drain out of tree pit within a 24-hour period, the contractor shall provide berming, or devise alternative drainage.
- 8) Trees shall not be planted deeper than the base of the "trunk flare".
- 9) The tree pit shall be backfilled with native topsoil free of rock and other debris. 10) Burlap, twine, and wire baskets shall be loosened and pulled back from the trunk of tree as much as possible.
- 11) Trees shall not be watered to excess that results in soil saturation. If soil becomes saturated, the watering schedule shall be adjusted to allow for drainage and absorption of the excess water.
- 12) A 3-4" layer of mulch shall be provided around the base of the planted tree. The mulch shall be pulled back 1-2" from the trunk of the tree. 13) No person(s) or entity may use improper or malicious maintenance or pruning techniques which would likely lead to the death of the tree. Improper or malicious
- techniques include, but are not limited to, topping or other unsymmetrical trimming of trees, trimming trees with a backhoe, or use of fire or poison to cause the death
- 14) Topsoil shall be a minimum of eight (8) inches in depth in planting areas. Soil shall be free of stones, roots, and clods and any other foreign material that is not beneficial for plant growth. 15) All plant beds shall be top-dressed with a minimum of three (3) inches of mulch.
- 16)Trees overhanging walks and parking shall have a minimum clear trunk height of seven (7) feet. Trees overhanging public street pavement drive aisles and fire lanes
- shall have a minimum clear trunk height of fourteen (14) feet. 17) A visibility triangle must be provided at all intersections, where shrubs are not to exceed thirty (30) inches in height, and trees shall have a minimum clear trunk
- height of nine (9) feet.
- 18) Trees planted on a slope shall have the tree well at the average grad of slope. 19) No shrubs shall be permitted within areas less than three (3) feet in width. All beds less than three (3) feet in width shall be grass, groundcover, or some type of
- 20) The owner, tenant, and/or their agents, if any, shall be jointly and severally responsible for the maintenance, establishment, and permanence of plant material. All landscaping shall be maintained in a neat and orderly manner at all times. This shall include, but not limited to, mowing, edging, pruning, fertilizing, watering, and other activities necessary for the maintenance of landscaped areas.
- 21) All plant material shall be maintained in a healthy and growing condition as is appropriate for the season of the year. Plant material that is damaged, destroyed, or removed shall be replaced with plant material of similar size and variety within thirty (30) days unless otherwise approved in writing by the Town of Prosper. 22) Landscape and open areas shall be kept free of trash, litter, and weeds.
- 23) An automatic irrigation system shall be provided to irrigate all landscape areas. Overspray on streets and walks is prohibited. A permit from the Building Inspection Division is required for each irrigation system. 24) No plant material shall be allowed to encroach on right-of-way, sidewalks, or easements to the extent that the vision or route of travel for vehicular, pedestrian, or
- 25) No planting areas shall exceed 3:1 slope (3 ft Horizontal to 1 ft Vertical).
- 26) Earthen berms shall not include construction debris. Contractor must correct slippage or damage to the smooth finish grad of the berm prior to acceptance. 27) All walkways shall meet ADA and TAS requirements.
- 28) Contact Town of Prosper Parks and Recreation Division at (972) 569-1160 for landscape inspection. Note that landscape installation must comply with approved landscape plans prior to final acceptance by the Town and/or obtaining a Certificate of Occupancy.
- 29) Final inspection and approval of screening walls, irrigation, and landscape is subject to all public utilities, including but not limited to manholes, valves, water meters, cleanouts, and other appurtenances, to be accessible, adjusted to grade, and to the Town of Prosper's Public Works Department standards.
- 30) Prior to calling for a landscape inspection, the contractor is responsible for marking all manholes, valves, water meters, cleanouts, and other utility appurtenances with flagging for field verification by the Town.

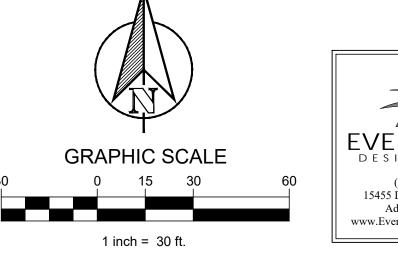
NEW INSPECTIONS WILL BE MADE FOR THE FOLLOWING: 1.) TREE HEIGHT, WIDTH & CALIPER (AT DELIVERY) 2.) SHRUB HEIGHT, WIDTH & CONTAINER SIZE (AT DELIVERY)

NOTE TO LANDSCAPE CONTRACTOR:

(ANY UNDERSIZED PLANT NOT FULLY ROOTED MAY BE DENIED BY PARKS AT INSPECTION) 3.) INSPECTION OF TREE PIT SIDE WALLS & DEPTH. 4.) INSPECT AT LEAST ONE (1) PERCOLATION TESTED PIT.

GENERAL PLANTING NOTES

- 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 +/-0.1' OF FINISH GRADE. THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY SHOULD ANY DISCREPANCIES EXIST. SEE SPECIFICATIONS FOR
- MORE DETAILED INSTRUCTION ON TURF AREA AND PLANTING BED PREPARATION. CONSTRUCT AND MAINTAIN FINISH GRADES IN LANDSCAPE AREAS AS SHOWN ON GRADING PLANS, AND CONSTRUCT AND MAINTAIN SLOPES AS RECOMMENDED BY THE GEOTECHNICAL REPORT. ALL LANDSCAPE AREAS SHALL HAVE POSITIVE DRAINAGE AWAY FROM STRUCTURES AT THE MINIMUM SLOPE SPECIFIED IN THE REPORT, AND AREAS OF POTENTIAL PONDING SHALL BE REGRADED TO BLEND IN WITH THE SURROUNDING GRADES AND ELIMINATE PONDING POTENTIAL. SHOULD ANY CONFLICTS AND/OR DISCREPANCIES ARISE BETWEEN THE GRADING PLANS, GEOTECHNICAL REPORT, THESE NOTES, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH ITEMS TO THE ATTENTION OF
- THE LANDSCAPE ARCHITECT, GENERAL CONTRACTOR, AND OWNER. ENSURE THAT THE GRADE IN SHRUB AREAS SHALL BE 2" BELOW FINISH GRADE AFTER INSTALLING SOIL AMENDMENTS, AND 1" BELOW FINISH GRADE IN TURF AREAS AFTER INSTALLING SOIL AMENDMENTS. MULCH COVER WITHIN 6" OF CONCRETE WALKS AND CURBS SHALL NOT PROTRUDE ABOVE THE FINISH SURFACE OF THE WALKS AND CURBS. MULCH COVER WITHIN 12" OF WALLS SHALL BE AT LEAST 3" LOWER THAN THE TOP
- 4. INSTALL 5 OUNCE, WOVEN, NEEDLE-PUNCHED POLYPROPYLENE FABRIC (DeWITT "PRO-5" OR EQUAL) UNDER
- ALL MULCHED AREAS AND INDIVIDUAL TREE RINGS. INSTALL MULCH TOPDRESSING, TYPE AND DEPTH PER MULCH NOTE, IN ALL PLANTING BEDS AND TREE
- RINGS. DO NOT INSTALL MULCH WITHIN 6" OF TREE ROOT FLARE. INSTALL 14G, GREEN STEEL EDGING BETWEEN ALL PLANTING BEDS AND TURF AREAS, AND BETWEEN GROUNDCOVERS AND OTHER PLANTS (WHERE INDICATED ON THE PLAN).
- HYDROMULCH ALL DISTURBED AREAS OUTSIDE OF PROPERTY LIMITS (UNLESS SHOWN AS SOD). ALL PLANT LOCATIONS ARE DIAGRAMMATIC. ACTUAL LOCATIONS SHALL BE VERIFIED WITH THE LANDSCAPE ARCHITECT OR DESIGNER PRIOR TO PLANTING. THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT ALL REQUIREMENTS OF THE PERMITTING AUTHORITY ARE MET (I.E., MINIMUM PLANT QUANTITIES, PLANTING
- METHODS, TREE PROTECTION METHODS, ETC.). THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR DETERMINING PLANT QUANTITIES; PLANT QUANTITIES SHOWN ON LEGENDS AND CALLOUTS ARE FOR GENERAL INFORMATION ONLY. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN AND THE PLANT LEGEND, THE PLANT QUANTITY AS SHOWN ON THE PLAN
- (FOR INDIVIDUAL SYMBOLS) OR CALLOUT (FOR GROUNDCOVER PATTERNS) SHALL TAKE PRECEDENCE. 10. NO SUBSTITUTIONS OF PLANT MATERIALS SHALL BE ALLOWED WITHOUT THE WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT. IF SOME OF THE PLANTS ARE NOT AVAILABLE, THE LANDSCAPE CONTRACTOR
- SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING (VIA PROPER CHANNELS). 11. PLANTS MAY BE INSPECTED AND APPROVED OR REJECTED ON THE JOBSITE BY THE OWNER OR OWNER'S REPRESENTATIVE.
- 12. SEE SPECIFICATIONS AND DETAILS FOR FURTHER REQUIREMENTS





HECKED: 01/31/2022 SHEET LP-1

ENGINEERING

05/04/2023

File No. 2017-128

A. QUALIFICATIONS OF LANDSCAPE CONTRACTOR

- ALL LANDSCAPE WORK SHOWN ON THESE PLANS SHALL BE PERFORMED BY A SINGLE FIRM SPECIALIZING IN LANDSCAPE
- A LIST OF SUCCESSFULLY COMPLETED PROJECTS OF THIS TYPE, SIZE AND NATURE MAY BE REQUESTED BY THE OWNER FOR FURTHER QUALIFICATION MEASURES
- THE LANDSCAPE CONTRACTOR SHALL HOLD A VALID NURSERY AND FLORAL CERTIFICATE ISSUED BY THE TEXAS DEPARTMENT OF AGRICULTURE, AS WELL AS OPERATE UNDER A COMMERCIAL PESTICIDE APPLICATOR LICENSE ISSUED BY EITHER THE TEXAS DEPARTMENT OF AGRICULTURE OR THE TEXAS STRUCTURAL PEST CONTROL BOARD.
- B. SCOPE OF WORK WORK COVERED BY THESE SECTIONS INCLUDES THE FURNISHING AND PAYMENT OF ALL MATERIALS, LABOR, SERVICES, EQUIPMENT, LICENSES, TAXES AND ANY OTHER ITEMS THAT ARE NECESSARY FOR THE EXECUTION, INSTALLATION AND COMPLETION OF ALL WORK, SPECIFIED HEREIN AND / OR SHOWN ON THE LANDSCAPE PLANS, NOTES, AND DETAILS.
 - ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES AND REGULATIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER SUCH WORK, INCLUDING ALL INSPECTIONS AND PERMITS REQUIRED BY FEDERAL, STATE AND LOCAL AUTHORITIES IN SUPPLY, TRANSPORTATION AND INSTALLATION OF MATERIALS.
 - THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITY LINES (WATER, SEWER, ELECTRICAL, TELEPHONE, GAS, CABLE, TELEVISION, ETC.) PRIOR TO THE START OF ANY WORK.

PRODUCTS

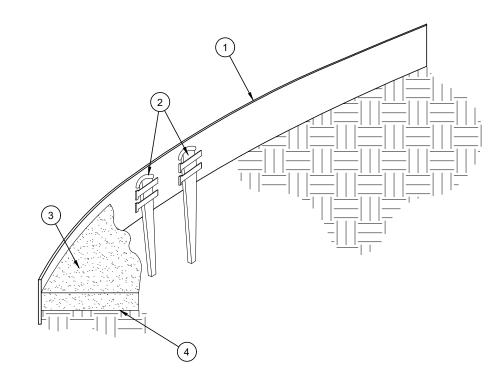
- ALL MANUFACTURED PRODUCTS SHALL BE NEW. CONTAINER AND BALLED-AND-BURLAPPED PLANTS:
 - FURNISH NURSERY-GROWN PLANTS COMPLYING WITH ANSI Z60.1-2014. PROVIDE WELL-SHAPED, FULLY BRANCHED, HEALTHY, VIGOROUS STOCK FREE OF DISEASE, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN SCALD, INJURIES, ABRASIONS, AND DISFIGUREMENT. ALL PLANTS WITHIN A SPECIES SHALL HAVE SIMILAR SIZE, AND SHALL BE OF A FORM TYPICAL FOR THE SPECIES. ALL TREES SHALL BE OBTAINED FROM SOURCES WITHIN 200 MILES OF THE PROJECT SITE, AND WITH SIMILAR CLIMACTIC CONDITIONS.
 - ROOT SYSTEMS SHALL BE HEALTHY, DENSELY BRANCHED ROOT SYSTEMS, NON-POT-BOUND, FREE FROM ENCIRCLING AND/OR GIRDLING ROOTS, AND FREE FROM ANY OTHER ROOT DEFECTS (SUCH AS J-SHAPED ROOTS).
- ANY PLANT DEEMED UNACCEPTABLE BY THE LANDSCAPE ARCHITECT OR OWNER SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND SHALL BE REPLACED WITH AN ACCEPTABLE PLANT OF LIKE TYPE AND SIZE AT THE CONTRACTOR'S OWN EXPENSE. ANY PLANTS APPEARING TO BE UNHEALTHY, EVEN IF DETERMINED TO STILL BE ALIVE, SHALL NOT BE ACCEPTED.
- THE LANDSCAPE ARCHITECT AND OWNER SHALL BE THE SOLE JUDGES AS TO THE ACCEPTABILITY OF PLANT MATERIAL. ALL TREES SHALL BE STANDARD IN FORM, UNLESS OTHERWISE SPECIFIED. TREES WITH CENTRAL LEADERS WILL NOT BE ACCEPTED IF LEADER IS DAMAGED OR REMOVED. PRUNE ALL DAMAGED TWIGS AFTER PLANTING.
- CALIPER MEASUREMENTS FOR STANDARD (SINGLE TRUNK) TREES SHALL BE AS FOLLOWS: SIX INCHES ABOVE THE ROOT FLARE FOR TREES UP TO AND INCLUDING FOUR INCHES IN CALIPER, AND TWELVE INCHES ABOVE THE ROOT FLARE FOR TREES EXCEEDING FOUR INCHES IN CALIPER.
- MULTI-TRUNK TREES SHALL BE MEASURED BY THEIR OVERALL HEIGHT, MEASURED FROM THE TOP OF THE ROOT BALL. ANY TREE OR SHRUB SHOWN TO HAVE EXCESS SOIL PLACED ON TOP OF THE ROOT BALL, SO THAT THE ROOT FLARE HAS BEEN COMPLETELY COVERED. SHALL BE REJECTED. SOD: PROVIDE WELL-ROOTED SOD OF THE VARIETY NOTED ON THE PLANS. SOD SHALL BE CUT FROM HEALTHY, MATURE TURF
- WITH SOIL THICKNESS OF 3/4" TO 1". EACH PALLET OF SOD SHALL BE ACCOMPANIED BY A CERTIFICATE FROM SUPPLIER STATING THE COMPOSITION OF THE SOD.
- D. SEED: PROVIDE BLEND OF SPECIES AND VARIETIES AS NOTED ON THE PLANS, WITH MAXIMUM PERCENTAGES OF PURITY, GERMINATION, AND MINIMUM PERCENTAGE OF WEED SEED AS INDICATED ON PLANS. EACH BAG OF SEED SHALL BE ACCOMPANIED BY A TAG FROM THE SUPPLIER INDICATING THE COMPOSITION OF THE SEED.
- TOPSOIL: SANDY TO CLAY LOAM TOPSOIL, FREE OF STONES LARGER THAN ½ INCH, FOREIGN MATTER, PLANTS, ROOTS, AND F. COMPOST: WELL-COMPOSTED, STABLE, AND WEED-FREE ORGANIC MATTER, pH RANGE OF 5.5 TO 8; MOISTURE CONTENT 35 TO 55 PERCENT BY WEIGHT; 100 PERCENT PASSING THROUGH 3/4-INCH SIEVE; SOLUBLE SALT CONTENT OF 5 TO 10 DECISIEMENS/M; NOT EXCEEDING 0.5 PERCENT INERT CONTAMINANTS AND FREE OF SUBSTANCES TOXIC TO PLANTINGS. NO MANURE OR
- ANIMAL-BASED PRODUCTS SHALL BE USED. FERTILIZER: GRANULAR FERTILIZER CONSISTING OF NITROGEN, PHOSPHORUS, POTASSIUM, AND OTHER NUTRIENTS IN PROPORTIONS, AMOUNTS, AND RELEASE RATES RECOMMENDED IN A SOIL REPORT FROM A QUALIFIED SOIL-TESTING AGENCY
- H. MULCH: SIZÉ AND TYPE AS INDICATED ON PLANS, FREE FROM DELETERIOUS MATERIALS AND SUITABLE AS A TOP DRESSING OF
- WEED FABRIC: 5 OUNCE, WOVEN, NEEDLE-PUNCHED FABRIC, SUCH AS DEWITT PRO5 LANDSCAPE FABRIC (OR APPROVED
- TREE STAKING AND GUYING STAKES: 6' LONG GREEN METAL T-POSTS.
- GUY AND TIE WIRE: ASTM A 641, CLASS 1, GALVANIZED-STEEL WIRE, 2-STRAND, TWISTED, 0.106 INCH DIAMETER. STRAP CHAFING GUARD: REINFORCED NYLON OR CANVAS AT LEAST 1-1/2 INCH WIDE, WITH GROMMETS TO PROTECT TREE
- TRUNKS FROM DAMAGE STEEL EDGING: PROFESSIONAL STEEL EDGING, 14 GAUGE THICK X 4 INCHES WIDE, FACTORY PAINTED DARK GREEN ACCEPTABLE MANUFACTURERS INCLUDE COL-MET OR APPROVED EQUAL.
- N. PRE-EMERGENT HERBICIDES: ANY GRANULAR, NON-STAINING PRE-EMERGENT HERBICIDE THAT IS LABELED FOR THE SPECIFIC ORNAMENTALS OR TURF ON WHICH IT WILL BE UTILIZED. PRE-EMERGENT HERBICIDES SHALL BE APPLIED PER THE MANUFACTURER'S LABELED RATES.

METHODS

- BEFORE STARTING WORK. THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE GRADE OF ALL LANDSCAPE AREAS ARE

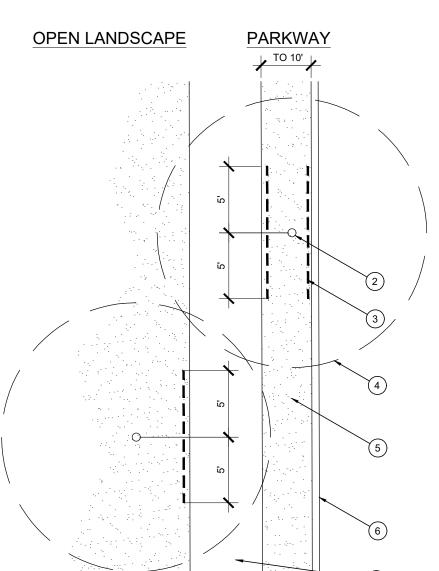
 H. WITHIN +/-0.1' OF FINISH GRADE. THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY SHOULD ANY DISCREPANCIES SOIL TESTING:
 - a. AFTER FINISH GRADES HAVE BEEN ESTABLISHED, CONTRACTOR SHALL HAVE SOIL SAMPLES TESTED BY AN ESTABLISHED SOIL TESTING LABORATORY FOR THE FOLLOWING: SOIL TEXTURAL CLASS, GENERAL SOIL FERTILITY, PH, ORGANIC MATTER CONTENT, SALT (CEC), LIME, SODIUM ADSORPTION RATIO (SAR) AND BORON CONTENT. EACH SAMPLE SUBMITTED SHALL CONTAIN NO LESS THAN ONE QUART OF SOIL.
 - CONTRACTOR SHALL ALSO SUBMIT THE PROJECT'S PLANT LIST TO THE LABORATORY ALONG WITH THE SOIL
 - THE SOIL REPORT PRODUCED BY THE LABORATORY SHALL CONTAIN RECOMMENDATIONS FOR THE FOLLOWING (AS APPROPRIATE): GENERAL SOIL PREPARATION AND BACKFILL MIXES, PRE-PLANT FERTILIZER APPLICATIONS, AND ANY OTHER SOIL RELATED ISSUES. THE REPORT SHALL ALSO PROVIDE A FERTILIZER PROGRAM FOR THE ESTABLISHMENT THE CONTRACTOR SHALL INSTALL SOIL AMENDMENTS AND FERTILIZERS PER THE SOILS REPORT RECOMMENDATIONS.
- ANY CHANGE IN COST DUE TO THE SOIL REPORT RECOMMENDATIONS, EITHER INCREASE OR DECREASE, SHALL BE SUBMITTED TO THE OWNER WITH THE REPORT FOR BIDDING PURPOSES ONLY, THE SOIL PREPARATION SHALL CONSIST OF THE FOLLOWING:
- TURF: INCORPORATE THE FOLLOWING AMENDMENTS INTO THE TOP 8" OF SOIL BY MEANS OF ROTOTILLING AFTER CROSS-RIPPING NITROGEN STABILIZED ORGANIC AMENDMENT - 4 CU. YDS. PER 1,000 S.F.
- AMMONIUM PHOSPHATE 16-20-0 15 LBS PER 1.000 S.F. AGRICULTURAL GYPSUM - 100 LBS PER 1,000 S.F.
- TREES, SHRUBS, AND PERENNIALS: INCORPORATE THE FOLLOWING AMENDMENTS INTO THE TOP 8" OF SOIL BY MEANS OF ROTOTILLING AFTER CROSS-RIPPING:
- NITROGEN STABILIZED ORGANIC AMENDMENT 4 CU. YDS. PER 1,000 S.F. 12-12-12 FERTILIZER - 10 LBS, PER CU. YD.
- AGRICULTURAL GYPSUM 10 LBS. PER CU. YD.
- IRON SULPHATE 2 LBS, PER CU, YD.
- CONTRACTOR SHALL ENSURE THAT THE GRADE IN SOD AREAS SHALL BE 1" BELOW FINISH GRADE BEFORE INSTALLING SOIL AMENDMENTS. AND 2" BELOW FINISH GRADE IN SHRUB AREAS BEFORE INSTALLING SOIL AMENDMENTS. MULCH COVER WITHIN 6" OF CONCRETE WALKS AND CURBS SHALL NOT PROTRUDE ABOVE THE FINISH SURFACE OF THE WALKS AND CURBS, MUI CH COVER WITHIN 12" OF WALLS SHALL BE AT LEAST 3" LOWER THAN THE TOP OF WALL
- ONCE SOIL PREPARATION IS COMPLETE, THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT THERE ARE NO DEBRIS, TRASH, OR STONES LARGER THAN 1" REMAINING IN THE TOP 6" OF SOIL

- REMOVE ALL NURSERY TAGS AND STAKES FROM PLANTS. EXCEPT IN AREAS TO BE PLANTED WITH ORNAMENTAL GRASSES, APPLY PRE-EMERGENT HERBICIDES AT THE
- TRENCHING NEAR EXISTING TREES: a. CONTRACTOR SHALL NOT DISTURB ROOTS 1-1/2" AND LARGER IN DIAMETER WITHIN THE CRITICAL ROOT ZONE (CRZ) OF EXISTING TREES, AND SHALL EXERCISE ALL POSSIBLE CARE AND PRECAUTIONS TO AVOID INJURY TO TREE ROOTS, TRUNKS, AND BRANCHES. THE CRZ IS DEFINED AS A CIRCULAR AREA EXTENDING OUTWARD FROM THE TREE TRUNK, WITH A RADIUS EQUAL TO 1' FOR EVERY 1" OF TRUNK
- DIAMETER-AT-BREAST-HEIGHT (4.5' ABOVE THE AVERAGE GRADE AT THE TRUNK). ALL EXCAVATION WITHIN THE CRZ SHALL BE PERFORMED USING HAND TOOLS. NO MACHINE EXCAVATION OR
- TRENCHING OF ANY KIND SHALL BE ALLOWED WITHIN THE CRZ c. ALTER ALIGNMENT OF PIPE TO AVOID TREE ROOTS 1-1/2" AND LARGER IN DIAMETER. WHERE TREE ROOTS 1-1/2" AND LARGER IN DIAMETER ARE ENCOUNTERED IN THE FIELD, TUNNEL UNDER SUCH ROOTS. WRAP EXPOSED ROOTS WITH SEVERAL LAYERS OF BURLAP AND KEEP MOIST. CLOSE ALL TRENCHES WITHIN THE
- CANOPY DRIP LINES WITHIN 24 HOURS d. ALL SEVERED ROOTS SHALL BE HAND PRUNED WITH SHARP TOOLS AND ALLOWED TO AIR-DRY. DO NOT USE ANY SORT OF SEALERS OR WOUND PAINTS.
- C. TREE PLANTING TREE PLANTING HOLES SHALL BE EXCAVATED TO MINIMUM WIDTH OF TWO TIMES THE WIDTH OF THE ROOTBALL, AND TO A DEPTH EQUAL TO THE DEPTH OF THE ROOTBALL LESS TWO TO FOUR INCHES.
- SCARIFY THE SIDES AND BOTTOM OF THE PLANTING HOLE PRIOR TO THE PLACEMENT OF THE TREE. REMOVE ANY GLAZING THAT MAY HAVE BEEN CAUSED DURING THE EXCAVATION OF THE HOLE. FOR CONTAINER AND BOX TREES, TO REMOVE ANY POTENTIALLY GIRDLING ROOTS AND OTHER ROOT DEFECTS, THE CONTRACTOR SHALL SHAVE A 1" LAYER OFF OF THE SIDES AND BOTTOM OF THE ROOTBALL OF ALL TREES
- JUST BEFORE PLACING INTO THE PLANTING PIT. DO NOT "TEASE" ROOTS OUT FROM THE ROOTBALL. INSTALL THE TREE ON UNDISTURBED SUBGRADE SO THAT THE TOP OF THE ROOTBALL IS TWO TO FOUR INCHES ABOVE THE SURROUNDING GRADE.
- BACKFILL THE TREE HOLE UTILIZING THE EXISTING TOPSOIL FROM ON-SITE. ROCKS LARGER THAN 1" DIA. AND ALL OTHER DEBRIS SHALL BE REMOVED FROM THE SOIL PRIOR TO THE BACKFILL. SHOULD ADDITIONAL SOIL BE REQUIRED TO ACCOMPLISH THIS TASK, USE STORED TOPSOIL FROM ON-SITE OR IMPORT ADDITIONAL TOPSOIL FROM OFF-SITE AT NO ADDITIONAL COST TO THE OWNER. IMPORTED TOPSOIL SHALL BE OF SIMILAR TEXTURAL CLASS AND COMPOSITION IN THE ON-SITE SOIL.
- THE TOTAL NUMBER OF TREE STAKES (BEYOND THE MINIMUMS LISTED BELOW) WILL BE LEFT TO THE LANDSCAPE CONTRACTOR'S DISCRETION. SHOULD ANY TREES FALL OR LEAN, THE LANDSCAPE CONTRACTOR SHALL STRAIGHTEN THE TREE, OR REPLACE IT SHOULD IT BECOME DAMAGED. TREE STAKING SHALL ADHERE TO THE FOLLOWING GUIDELINES:
 - TWO STAKES PER TREE a. 1"-2" TREES 2-1/2"-4" TREES THREE STAKES PER TREE
- TREES OVER 4" CALIPER GUY AS NEEDED THREE STAKES PER TREE MINIMUM, QUANTITY AND POSITIONS AS NEEDED TO MULTI-TRUNK TREES STABILIZE THE TREE UPON COMPLETION OF PLANTING, CONSTRUCT AN EARTH WATERING BASIN AROUND THE TREE. COVER THE
- INTERIOR OF THE TREE RING WITH THE WEED BARRIER CLOTH AND TOPDRESS WITH MULCH (TYPE AND DEPTH PER PLANS).
- SHRUB, PERENNIAL, AND GROUNDCOVER PLANTING DIG THE PLANTING HOLES TWICE AS WIDE AND 2" LESS DEEP THAN EACH PLANT'S ROOTBALL. 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 IN PLACE WHEN PLANTING IS COMPLETE, INSTALL MULCH (TYPE AND DEPTH PER PLANS) OVER ALL PLANTING BEDS,
- COVERING THE ENTIRE PLANTING AREA.
- SODDING SOD VARIETY TO BE AS SPECIFIED ON THE LANDSCAPE PLAN.
- LAY SOD WITHIN 24 HOURS FROM THE TIME OF STRIPPING. DO NOT LAY IF THE GROUND IS FROZEN. LAY THE SOD TO FORM A SOLID MASS WITH TIGHTLY FITTED JOINTS. BUTT ENDS AND SIDES OF SOD STRIPS - DO NOT OVERLAP. STAGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES.
- ROLL THE SOD TO ENSURE GOOD CONTACT OF THE SOD'S ROOT SYSTEM WITH THE SOIL UNDERNEATH. WATER THE SOD THOROUGHLY WITH A FINE SPRAY IMMEDIATELY AFTER PLANTING TO OBTAIN AT LEAST SIX INCHES OF PENETRATION INTO THE SOIL BELOW THE SOD.
- F. CLEAN UP DURING LANDSCAPE PREPARATION AND PLANTING, KEEP ALL PAVEMENT CLEAN AND ALL WORK AREAS IN A NEAT, ORDERLY CONDITION.
- DISPOSED LEGALLY OF ALL EXCAVATED MATERIALS OFF THE PROJECT SITE.
 - UPON COMPLETION OF THE WORK, THE LANDSCAPE CONTRACTOR SHALL PROVIDE THE SITE CLEAN, FREE OF DEBRIS AND TRASH, AND SUITABLE FOR USE AS INTENDED. THE LANDSCAPE CONTRACTOR SHALL THEN REQUEST AN INSPECTION BY THE OWNER TO DETERMINE FINAL ACCEPTABILITY.
 - WHEN THE INSPECTED PLANTING WORK DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS, THE LANDSCAPE CONTRACTOR SHALL REPLACE AND/OR REPAIR THE REJECTED WORK TO THE OWNER'S SATISFACTION WITHIN 24
- THE LANDSCAPE WARRANTY PERIOD WILL NOT COMMENCE UNTIL THE LANDSCAPE WORK HAS BEEN RE-INSPECTED BY THE OWNER AND FOUND TO BE ACCEPTABLE. AT THAT TIME, A WRITTEN NOTICE OF FINAL
- ACCEPTANCE WILL BE ISSUED BY THE OWNER, AND THE WARRANTY PERIOD WILL COMMENCE. PLANT GUARANTEE AND REPLACEMENTS THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL TREES, SHRUBS, PERENNIALS, SOD.
 - SEEDED/HYDROMULCHED AREAS, AND IRRIGATION SYSTEMS FOR A PERIOD OF ONE YEAR FROM THE DATE OF THE OWNER'S FINAL ACCEPTANCE (90 DAYS FOR ANNUAL PLANTS). THE CONTRACTOR SHALL REPLACE, AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE OWNER, ANY PLANTS WHICH DIE IN THAT TIME, OR REPAIR ANY PORTIONS OF THE IRRIGATION SYSTEM WHICH OPERATE IMPROPERLY.
 - DURING THE GUARANTEE PERIOD, THE LANDSCAPE CONTRACTOR SHALL ONLY BE RESPONSIBLE FOR REPLACEMENT OF PLANTS WHEN PLANT DEATH CANNOT BE ATTRIBUTED DIRECTLY TO OVERWATERING OR OTHER DAMAGE BY HUMAN ACTIONS
 - PROVIDE A MINIMUM OF (2) COPIES OF RECORD DRAWINGS TO THE OWNER UPON COMPLETION OF WORK. A RECORD DRAWING IS A RECORD OF ALL CHANGES THAT OCCURRED IN THE FIELD AND THAT ARE DOCUMENTED THROUGH CHANGE ORDERS, ADDENDA, OR CONTRACTOR/CONSULTANT DRAWING MARKUPS.

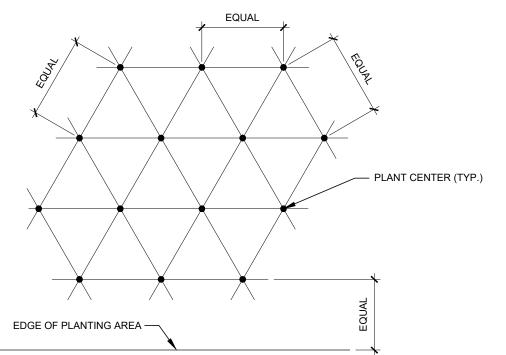


- (1) ROLLED-TOP STEEL EDGING PER PLANS.
- (2) TAPERED STEEL STAKES.
- (3) MULCH, TYPE AND DEPTH PER PLANS
- (4) FINISH GRADE.
- 1) INSTALL EDGING SO THAT STAKES WILL BE ON INSIDE OF PLANTING BED. 2) BOTTOM OF EDGING SHALL BE BURIED A MINIMUM OF 1" BELOW FINISH GRADE. 3) TOP OF MULCH SHALL BE 1" LOWER THAN TOP OF EDGING.





- TYPICAL WALKWAY OR PAVING
- TREE TRUNK
- TYPICAL SYMBOL FOR LINEAR ROOT BARRIER MATERIAL. SEE PLANTING INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- (4) TREE CANOPY
- (5) TYPICAL PLANTING AREA
- (6) TYPICAL CURB AND GUTTER
- **ROOT BARRIER PLAN VIEW** SCALE: NOT TO SCALE



NOTE: ALL PLANTS SHALL BE PLANTED AT EQUAL TRIANGULAR SPACING (EXCEPT WHERE SHOWN ON PLANS AS INFORMAL GROUPINGS). REFER TO PLANT LEGEND FOR SPACING DISTANCE BETWEEN PLANTS.

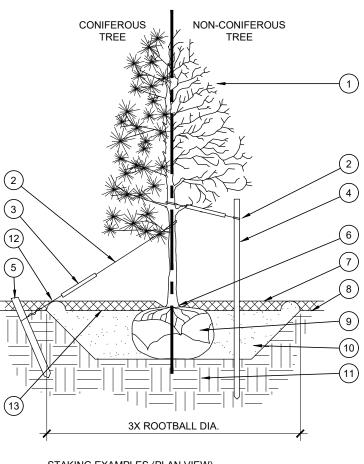
1) STEP 1: DETERMINE TOTAL PLANTS FOR THE AREA WITH THE FOLLOWING FORMULA:



2) STEP 2: SUBTRACT THE ROW (S) OF PLANTS THAT WOULD OCCUR AT THE EDGE OF THE PLANTED AREA WITH THE FOLLOWING FORMULA: TOTAL PERIMETER LENGTH / PLANT SPACING = TOTAL PLANT SUBTRACTION

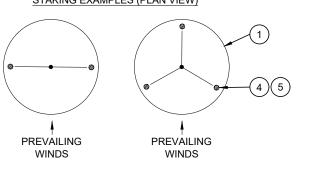
EXAMPLE: PLANTS AT 18" O.C. IN 100 SF PLANTING AREA, 40 LF PERIMETER STEP 1: 100 SF/1.95 = 51 PLANTS STEP 2: 51 PLANTS - (40 LF / 1.95 = 21 PLANTS) = 30 PLANTS TOTAL

PLANT SPACING SCALE: NTS



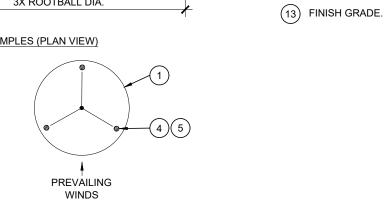
STAKING EXAMPLES (PLAN VIEW)

SCALE: NOT TO SCALE



(1) TREE CANOPY.

- (2) CINCH-TIES (24" BOX/2" CAL. TREES AND SMALLER) OR 2 GAUGE 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.
- (4) 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.
- (6) TRUNK FLARE.
- (7) MULCH, TYPE AND DEPTH PER PLANS. DO NOT PLACE MULCH WITHIN 6" OF TRUNK.
- (8) FINISH GRADE.
- (9) ROOT BALL.
-) BACKFILL. AMEND AND FERTILIZE ONLY AS RECOMMENDED IN SOIL FERTILITY ANALYSIS
- (11) UNDISTURBED NATIVE SOIL.
- (12) 4" HIGH EARTHEN WATERING BASIN.



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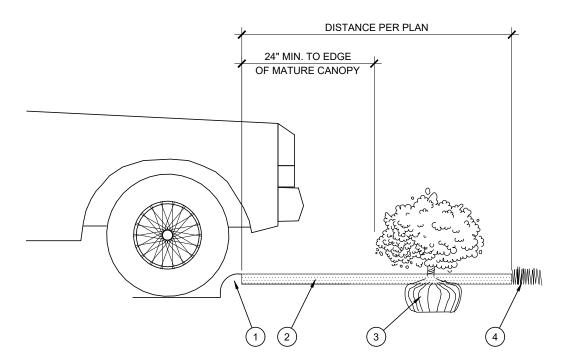
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(1) SHRUB, PERENNIAL, OR ORNAMENTAL GRASS. (2) MULCH, TYPE AND DEPTH PER PLANS. PLACE NO

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

SHRUB AND PERENNIAL PLANTING



- (1) CURB. (2) MULCH LAYER.
- (3) PLANT.
- (4) TURF (WHERE SHOWN ON PLAN).

PLANTING AT PARKING AREA SCALE: NOT TO SCALE

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