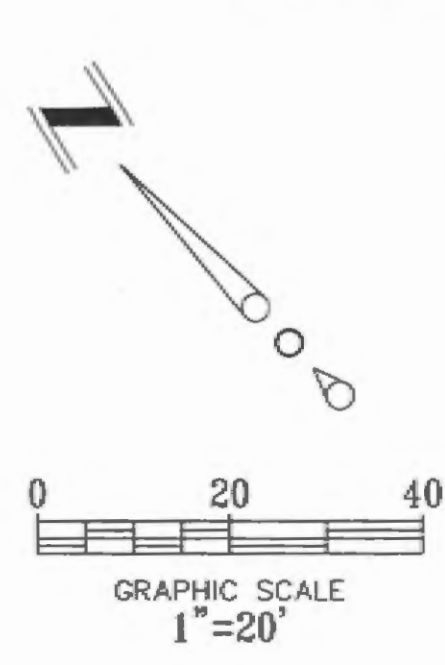


HORIZON ROAD. (F.M. 3097)
(100' PUBLIC R.O.W.)
ASPHALT

RALPH HALL PARKWAY
(60' PUBLIC R.O.W.)
CONCRETE

- LEGEND**
- — — — — EXISTING CURB
 - — — — — PROPOSED CURB
 - — — — — EXISTING STORM PIPE
 - — — — — PROPOSED SANITARY SEWER LINE
 - — — — — EXISTING SANITARY SEWER LINE
 - — — — — PROPOSED WATER LINE
 - — — — — EXISTING WATER LINE
 - ④ — — — — — PROPOSED PARKING SPACES IN A ROW
 - BFR — — — — — CONSTRUCT BARRIER FREE RAMP



GENERAL NOTES

1. PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS, THE PLANS INCLUDING ALL NOTES, THE CITY OF ROCKWALL SPECIFICATIONS AND ANY OTHER APPLICABLE STANDARDS OR SPECIFICATIONS RELEVANT TO THE PROPER COMPLETION OF THE WORK SPECIFIED. FAILURE ON THE PART OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL STANDARDS OR SPECIFICATIONS PERTAINING TO THIS WORK SHALL IN NO WAY RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR PERFORMING THE WORK IN ACCORDANCE WITH ALL SUCH APPLICABLE STANDARDS AND SPECIFICATIONS.
2. CONTRACTOR SHALL HAVE IN HIS POSSESSION, PRIOR TO CONSTRUCTION, ALL NECESSARY PERMITS, AND LICENSES, ETC. CONTRACTOR SHALL HAVE A LEAST ONE SET OF APPROVED ENGINEERING PLANS AND SPECIFICATIONS ON-SITE AT ALL TIMES.
3. ALL WORK SHALL CONFORM TO THE CITY OF ROCKWALL SPECIFICATIONS, STANDARDS, DETAILS AND NCTCOG 3RD EDITION STANDARDS.
4. IN THE EVENT AN ITEM IS NOT COVERED IN THE CITY OF ROCKWALL CONSTRUCTION STANDARDS, SPECIFICATIONS, AND DETAILS, THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS (NCTCOG) STANDARD SPECIFICATIONS FOR PUBLIC WORKS 3RD EDITION CONSTRUCTION SHALL APPLY WITH CONCURRING NOTIFICATION TO THE CITY ENGINEER AND PROJECT ENGINEER. THE CITY ENGINEER SHALL HAVE THE FINAL DECISION ON ALL CONSTRUCTION MATERIALS, METHODS, AND PROCEDURES.
5. CONSTRUCTION INSPECTION WILL BE PERFORMED BY REPRESENTATIVES OF THE OWNER, ENGINEER, CITY, GEOTECHNICAL ENGINEER, AND REVIEWING AUTHORITIES AND AGENCIES. UNRESTRICTED ACCESS SHALL BE PROVIDED TO THEM AT ALL TIMES. CONTRACTOR IS RESPONSIBLE FOR UNDERSTANDING AND SCHEDULING REQUIRED INSPECTIONS. TESTING SAMPLES SHALL BE COLLECTED AND PROCESSED BY CERTIFIED TECHNICIANS.
6. ALL CONTRACTORS MUST CONFINE THEIR ACTIVITIES TO THE WORK AREA. NO ENCROACHMENTS ONTO DEVELOPED OR UNDEVELOPED AREAS WILL BE ALLOWED. ANY DAMAGE RESULTING THEREFROM SHALL BE CONTRACTOR'S RESPONSIBILITY TO REPAIR.
7. IT WILL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO PROTECT ALL EXISTING PUBLIC AND PRIVATE UTILITIES THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES FOR LINE LOCATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL ASSUME FULL LIABILITY TO THOSE COMPANIES FOR ANY DAMAGES CAUSED TO THEIR FACILITIES.
8. TRENCH SAFETY DESIGN WILL BE THE RESPONSIBILITY OF THE UTILITY CONTRACTOR. CONTRACTOR SHALL SUBMIT A TRENCH SAFETY DESIGN APPROVED BY A PROFESSIONAL ENGINEER TO THE CITY OF ROCKWALL ENGINEERING DEPARTMENT FOR REVIEW PRIOR TO THE START OF ANY UTILITY CONSTRUCTION.
9. RETAINING WALLS 4' OR GREATER IN HEIGHT REQUIRE A PROFESSIONAL ENGINEER DESIGN (SIGNED AND SEALED) A LETTER OF COMPLIANCE STATING THAT THE WALL WAS INSPECTED DURING CONSTRUCTION AND IS BUILT PER DESIGN IS REQUIRED PRIOR TO ACCEPTANCE, SUBMITTED TO ENGINEERING DEPARTMENT.
10. ALL PARKWAYS AND MEDIANS SHALL HAVE A MINIMUM OF 4' OF TOPSOIL PRIOR TO PLACEMENT OF SOD.
11. THE CONTRACTOR SHALL PROVIDE A CLEAR AND SAFE ROUTE FOR PEDESTRIANS THROUGHOUT THE DURATION OF CONSTRUCTION.
12. THE CONTRACTOR SHALL PROTECT THE EXISTING TREES, BUSHES, LANDSCAPING PLANTS, SPRINKLERS, AND LAWNS UNLESS NOTED OTHERWISE ON THE CONSTRUCTION DRAWINGS. ANY DAMAGE TO THE EXISTING TREES, BUSHES, LANDSCAPING PLANTS, SPRINKLERS, AND LAWNS CAUSED BY THE CONSTRUCTION SHALL BE REPLACED TO THE SATISFACTION OF THE CITY OF ROCKWALL AT NO ADDITIONAL COST TO THE CITY. CONTINUOUS MAIL SERVICE SHALL BE PROVIDED DURING CONSTRUCTION.
13. DEVELOPER SHALL BE RESPONSIBLE FOR OBTAINING ALL OFFSITE EASEMENTS PRIOR TO COMMENCEMENT OF OFFSITE CONSTRUCTION ACTIVITIES.
14. EXPANSION JOINTS SHALL BE PLACED EVERY 500 FEET FOR 6" THICK AND 8" THICK CONCRETE.
15. SUBGRADE SHALL EXTEND 12' MINIMUM BEHIND THE CURB, BE A MINIMUM OF 6" THICK AND SHALL BE LIME STABILIZED. THE PLASTICITY INDEX SHALL NOT EXCEED 12.
16. MARK FIRE LANE TO CITY SPECIFICATIONS. "NO PARKING FIRE LANE" EVERY 25' WHITE 4" LETTERS ON A 6" RED STRIPED BACKGROUND.
17. AN APPROVED WATER SUPPLY CAPABLE OF SUPPLYING THE REQUIRED FIRE FLOW OF 2000 GPM FOR FIRE PROTECTION SHALL BE PROVIDED TO PREMISES UPON WHICH, FACILITIES, BUILDINGS OR PORTIONS OF BUILDINGS ARE HEREAFTER CONSTRUCTED OR MOVED INTO OR WITHIN THE JURISDICTION. THE FIRE CODE OFFICIAL SHALL BE NOTIFIED PRIOR TO THE WATER SUPPLY TEST. WATER SUPPLY TESTS SHALL BE WITNESSED BY THE FIRE CODE OFFICIAL AND APPROVED DOCUMENTATION OF THE TEST SHALL BE PROVIDED TO THE FIRE CODE OFFICIAL PRIOR TO FINAL APPROVAL OF THE WATER SUPPLY SYSTEM.

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BENCHMARK
CITY OF ROCKWALL BENCHMARK#R017, ±250 EAST OF HORIZON RD IN MEDIAN OF RALPH HALL ROAD.
ELEVATION=549.46'

SITE PLAN
CHASE BANK-HORIZON & RALPH HALL
CITY OF ROCKWALL
DALLAS COUNTY, TEXAS

O'DONALD ENGINEERING LLC

1601 E. Lamar Blvd, Suite 210
Arlington, Texas 76011
Phone 817.794.0202
Fax 817.548.8430

DATE	03/18/08
SCALE	1"=20'
JOB NO	0007027
SHEET	

THIS DOCUMENT IS REQUIRED BY THE CITY AND IS INTENDED TO BE USED FOR INFORMATIONAL PURPOSES ONLY. IT SHALL NOT BE USED FOR CONSTRUCTION. THIS DOCUMENT IS RELEASED UNDER THE AUTHORITY OF BRANDON O'DONALD, P.E. NO. 90241.

OWNER
J.P. MORGAN CHASE
8111 PRESTON ROAD
SUITE 250
DALLAS, TEXAS 75226

ENGINEER
O'DONALD ENGINEERING, LLC
1601 E. LAMAR BLVD.
SUITE 210
ARLINGTON, TEXAS 76011

NOTES:
THE BANK USES A NIGHTLY SERVICE FOR REFUSE AND WILL NOT NEED A DUMPSTER.



SITE DATA SUMMARY

CURRENT ZONING	PD 9
PROPOSED USE	BANKING CENTER
LOT AREA	0.992 AC. (43,200 S.F.)
BUILDING AREA	4,282 S.F.
BUILDING HEIGHT:	20'-6" (SINGLE STORY)
LOT COVERAGE	9.9% OF SITE
FLOOR AREA RATIO	1:9.9
PARKING REQUIRED (1/300)	15 SPACES
REGULAR PARKING PROVIDED	38 SPACES
HC PARKING REQUIRED	2 SPACES
HC PARKING PROVIDED	2 SPACES
TOTAL PARKING PROVIDED	40 SPACES
LANDSCAPED AREA	6,290 S.F.
IMPERVIOUS AREA	36,910 S.F.

ACCESSIBLE PARKING IS PROVIDED IN ACCORDANCE WITH CURRENT TEXAS ACCESSIBILITY STANDARDS (TAS)

CAUTION!!!
CALL: TEXAS ONE CALL @
1-800-245-4545
48 HRS PRIOR TO CONSTRUCTION.

!!! CAUTION !!!
UNDERGROUND UTILITIES

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION SUPPLIED BY VARIOUS OWNERS OF THE FACILITIES. THE ENGINEER DOES NOT ACCEPT THE RESPONSIBILITY FOR THE UTILITY LOCATIONS SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION, TO TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED, AND TO NOTIFY THE ENGINEER PROMPTLY OF ALL CONFLICTS OF THE WORK WITH EXISTING FACILITIES. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE BY THE CONTRACTOR TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OR HER EXPENSE.

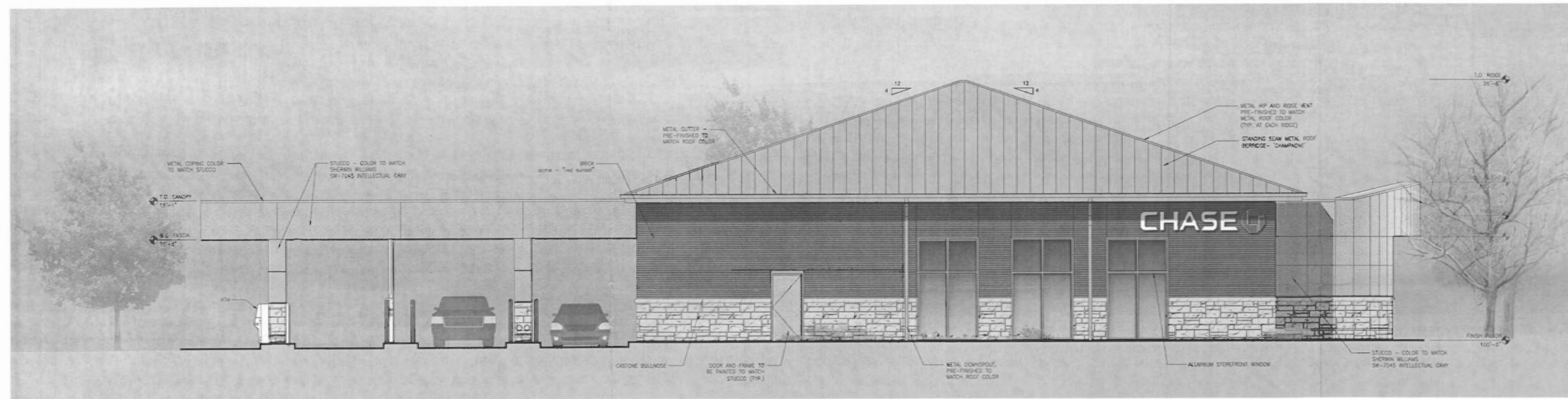
O'DONALD ENGINEERING, LLC, IS AN EQUAL OPPORTUNITY FIRM. ANY DISCRIMINATION IN THE PROVISION OF SERVICES WILL BE PROSECUTED. THE CITY OF ROCKWALL IS AN EQUAL OPPORTUNITY FIRM. ANY DISCRIMINATION IN THE PROVISION OF SERVICES WILL BE PROSECUTED.



WEST ELEVATION
SCALE: 1/8" = 1'-0"



EAST ELEVATION
SCALE: 1/8" = 1'-0"



NORTH ELEVATION
SCALE: 1/8" = 1'-0"



SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



MATERIAL CALCULATIONS:

WEST ELEVATION

MATERIAL	SQ. FT.	PERCENTAGE
CAST STONE	22 S.F.	3%
BRICK	163 S.F.	22%
STUCCO	385 S.F.	50%
N. STONE	182 S.F.	25%
TOTAL	756 S.F.	100%

NORTH ELEVATION

MATERIAL	SQ. FT.	PERCENTAGE
CAST STONE	25 S.F.	2%
BRICK	458 S.F.	44%
STUCCO	331 S.F.	32%
N. STONE	233 S.F.	22%
TOTAL	1,047 S.F.	100%

EAST ELEVATION

MATERIAL	SQ. FT.	PERCENTAGE
CAS STONE	23 S.F.	3%
BRICK	412 S.F.	50%
STUCCO	121 S.F.	16%
NATURAL STONE	251 S.F.	31%
TOTAL	807 S.F.	100%

SOUTH ELEVATION

MATERIAL	SQ. FT.	PERCENTAGE
CAS STONE	17 S.F.	2%
BRICK	517 S.F.	47%
STUCCO	320 S.F.	29%
NATURAL STONE	247 S.F.	22%
TOTAL	1,100 S.F.	100%

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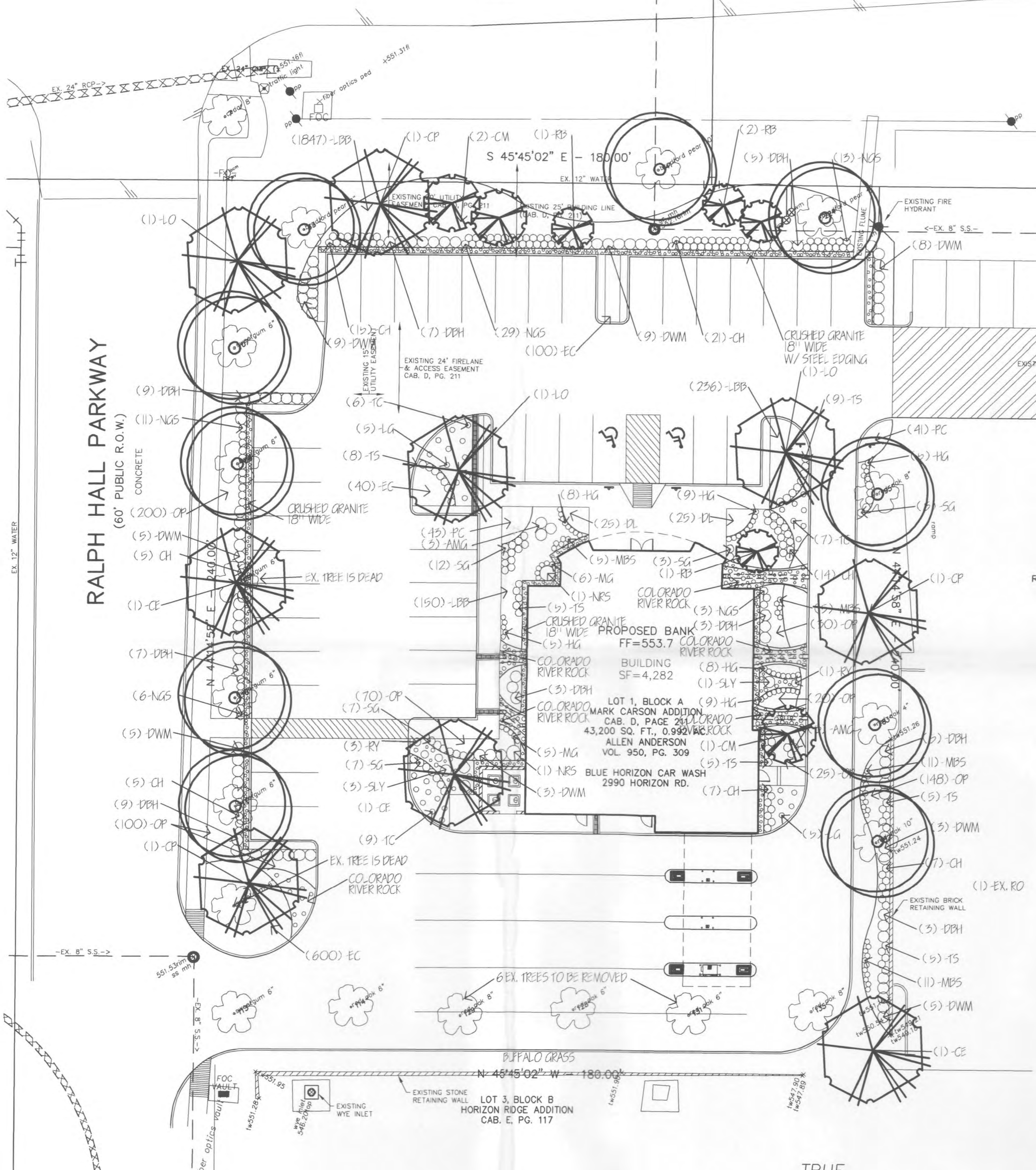


CHASE BANK DESIGN
ROCKWALL, TEXAS
maa 2007082



CHASE BANK
HORIZON & RALPH HALL PKWY.

HORIZON ROAD. (F.M. 3097)
 (100' PUBLIC R.O.W.)
 ASPHALT



01 LANDSCAPE PLAN
 SCALE: 1" = 20'-0"



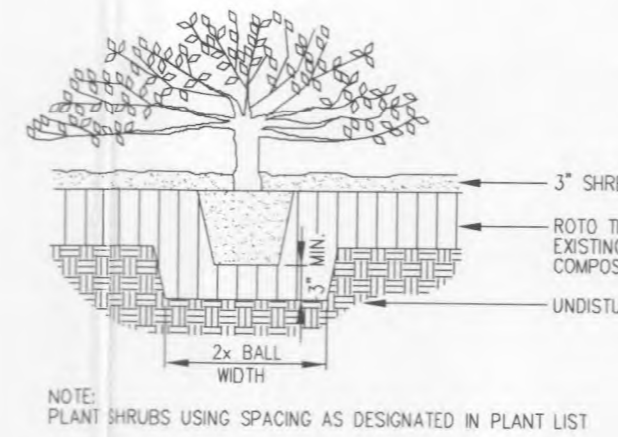
PLANT MATERIAL LIST

KEY	QUANTITY	DESCRIPTION	SIZE
TREES			
CM	5	LACINIA PTERYLOIDES 'RED'	MIN 8" HT. & 4" SPREAD
CP	3	LEAFY LIME	MIN 8" CAL. MIN. 15' HT. & 6" SPREAD
LO	5	PISTACHIA CHINENSIS	MIN 6" CAL. MIN. 12' HT. & 6" SPREAD
CE	3	QUERCUS VIRGINIANA	MIN 8" CAL. MIN. 15' HT. & 6" SPREAD
RB	5	LILY OF THE VALLEY	MIN 8" CAL. MIN. 15' HT. & 6" SPREAD
SHRUBS			
CH	88	LEX BUREYI 'CARISSA'	5 GAL., MIN. 18" HT. & 8" MIN. 10" SPREAD
NGS	44	NANDINA DOMESTICA 'LILY STREAM'	5 GAL., MIN. 18" HT. & 10" SPREAD
SG	34	SALVIA REGALIA 'RED'	5 GAL., MIN. 18" HT. & 8" MIN. 10" SPREAD
NRS	2	LEXY 'NELLIE R. STEVENS'	30 GAL., MIN. 5' HT. & 8" MIN. 3" SPREAD
DPH	51	LEX BUREYI 'NANA'	7 GAL., MIN. 24" HT. & 8" MIN. 20" SPREAD
DWM	39	NYCICA CERRERA 'NANA'	5 GAL., MIN. 18" HT. & 8" MIN. 15" SPREAD
TS	37	LEUCOPHYLLUM FRUTESCENS	5 GAL., MIN. 15" HT. & 8" MIN. 15" SPREAD
SLY	4	YUCCA BREVIFOLIA	5 GAL., MIN. 15" HT. & 8" MIN. 15" SPREAD
RY	4	HEPERALOE PARVIFLORA	5 GAL., MIN. 15" HT. & 8" MIN. 15" SPREAD
HG	44	PENNISTEMON ALPESTRIS 'HAWELN'	1 GAL., MIN. 15" HT. & 12" O.C.
AMG	3	MISCANTHUS SINENSIS 'ARABESQUE'	1 GAL., MIN. 18" HT. & 8" MIN. 15" SPREAD
MBS	32	SALVIA PARNACEA	1 GAL., MIN. 10" HT. & 8" MIN. 10" SPREAD
MG	11	MULLEBERGIA 'INDIEMER'	1 GAL., MIN. 10" HT. & 8" MIN. 10" SPREAD
GROUND COVER & VINES			
LG	10	LIRIOPE GIGANTEA	1 GAL. FULL PLANT SPACE AS SHOWN
LBB	2,235	LIRIOPE GIGANTEA	4" POT. FULL PLANT
EC	740	ELONMILUS COLORATUS	4" POT. 1" O.C.
OP	595	OPUNTIA WOODRIDGEANA	4" POT. FULL PLANT
BLP	180	BULBILLOIDES	500
BLOOMING COLOR			
PC	84	PERENNIAL COLOR MIX OF FLOWERS	1 GAL. FULL PLANT 15" O.C.
TC	22	TRICHOCLASMA ARBOREUS	1 GAL. FULL PLANT AS SHOWN
DL	50	HEMEROCALLIS 'STELLA D'ORA'	1 GAL. FULL PLANT 16" O.C.

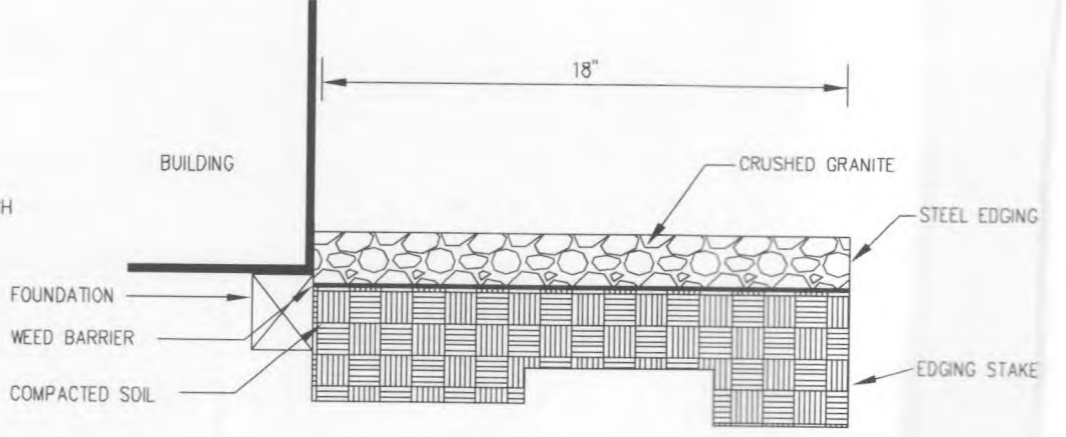
LANDSCAPE ORDINANCE FOR CITY OF ROCKWALL

REQUIREMENTS	PROVIDE
MINIMUM SQUARE FOOTAGE REQUIREMENTS FOR LANDSCAPING SHALL BE PROVIDED AND MAINTAINED IN THE ZONING DISTRICTS SET FORTH AS FOLLOWS: GENERAL RETAIL - 15% @ 15,000 SF. - 6/180 SF. REQUIRED	11,940 SF. (25% OF TOTAL AREA) OF THE LANDSCAPE AREA PROVIDED.
ANY PARKING LOT WITH MORE THAN 2 ROWS SHALL HAVE A MINIMUM OF 5% OR 200 SF., WHICHEVER IS GREATER, IN THE INTERIOR OF THE PARKING LOT IN LANDSCAPING. SUCH LANDSCAPING SHALL BE COUNTED TOWARD THE TOTAL LANDSCAPING.	5,075 SF. (26% OF TOTAL LANDSCAPE AREA)
REQUIRED 10' WIDE LANDSCAPE BUFFER STRIP MUST BE PROVIDED ALONG THE ENTIRE LENGTH OF HORIZON ROAD AND 20' WIDE LANDSCAPE BUFFER STRIP MUST BE PROVIDED ALONG THE PORTION OF THE PERMITS OF ANY COMMERCIAL OR INDUSTRIAL LOT THAT ADJACENT TO AN ALLEY OR DRIVE SEPARATION, OR IS DIRECTLY ACROSS A PUBLIC STREET FROM A RESIDENTIAL ZONING DISTRICT, EXCLUSIVE OF DRIVEWAYS AND ACCESSWAYS.	HORIZON ROAD: 180 L.F. @ 1 TREE PER 50 L.F. OF STREET FRONTAGE RALPH HALL PARKWAY: 240 L.F. @ 1 TREE PER 50 L.F. OF STREET FRONTAGE REQUIRED = 9 TREES
NO PARKING SPACE SHALL BE FURTHER THAN 10 FEET FROM AT LEAST ONE TREE.	ALL PARKING SPACES ARE WITHIN 10 FEET OF AT LEAST ONE TREE.
TREES MUST BE PLANTED AT LEAST FIVE FEET FROM WATER, SEWER AND STORM SEWER LINES.	TREES ARE LOCATED AT LEAST FIVE FEET FROM WATER, SEWER AND STORM SEWER LINES.
NO LESS THAN 50% OF THE TOTAL LANDSCAPE REQUIREMENT SHALL BE LOCATED IN FRONT OF AND ALONG SIDE BUILDINGS WITH STREET FRONTAGE IN "CR" DISTRICTS. LANDSCAPE REQUIREMENTS - 6,180 SF @ 50X - 2,240 SF.	LANDSCAPE PROVIDED - 97% @ 6,290 SF.
TREE MITIGATION 120 CAL. INCHES OF EXISTING TREES ON SITE	68 CAL. INCHES TO BE WORN 10 CAL. INCHES TO BE REMOVED 10 CAL. INCHES MITIGATED WITH (8") TREES INCREASED TO 6" CAL. TREES AND (1) 6" CAL. TREE ADDED AND (5) TREES INCREASED TO 2" CAL.

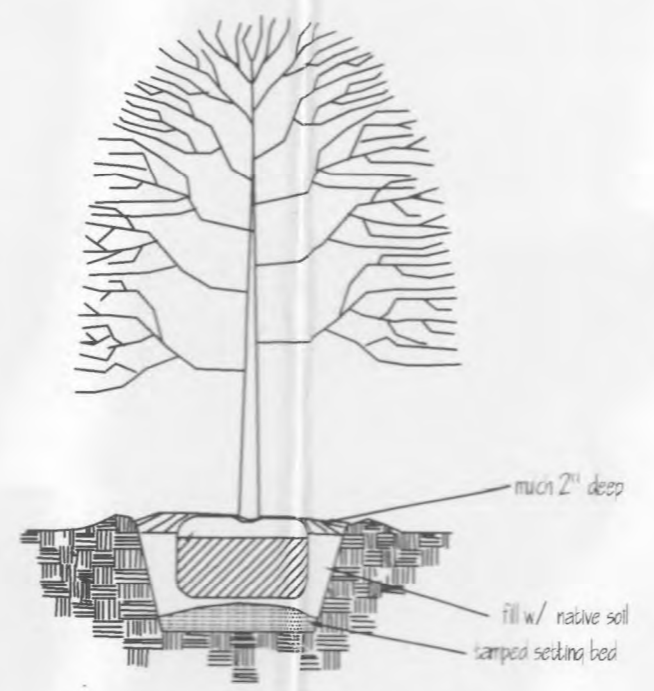
TREE LEGEND



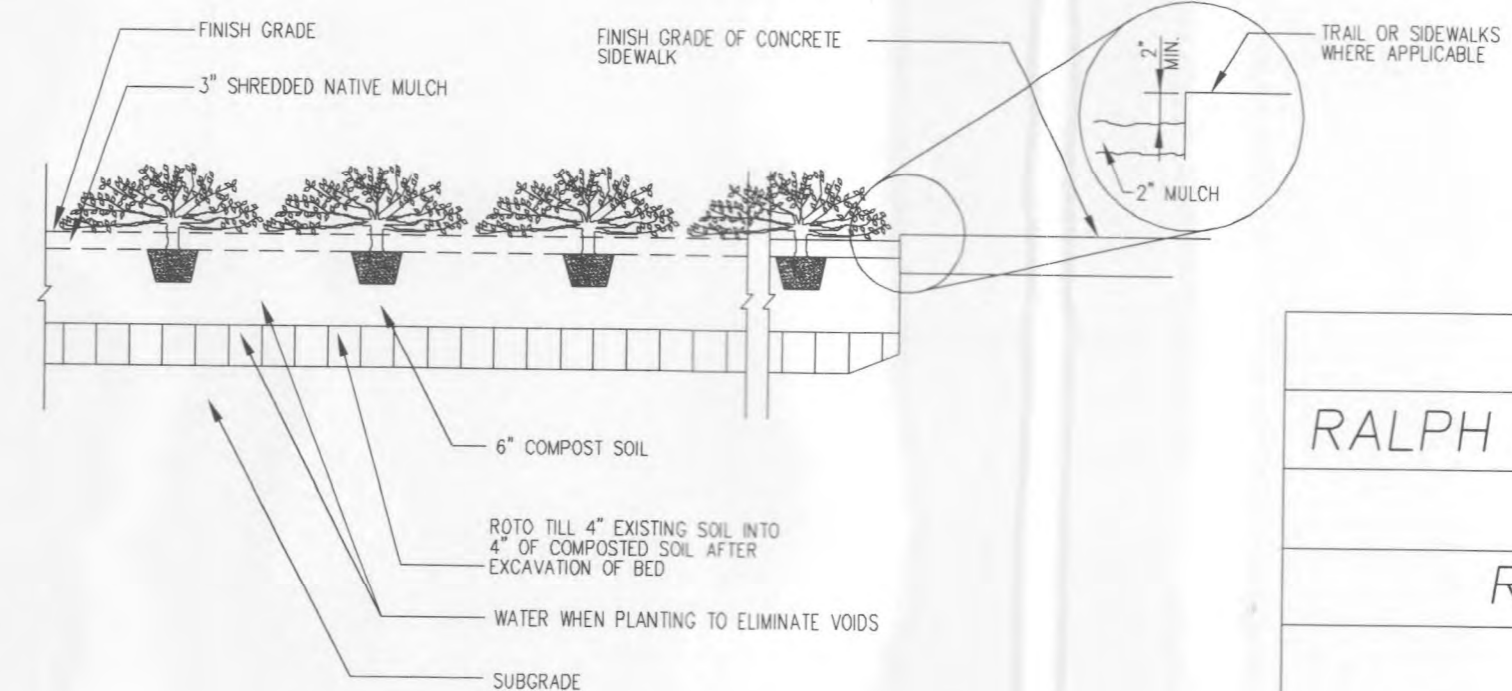
SHRUB PLANTING DETAIL
 SCALE: NTS



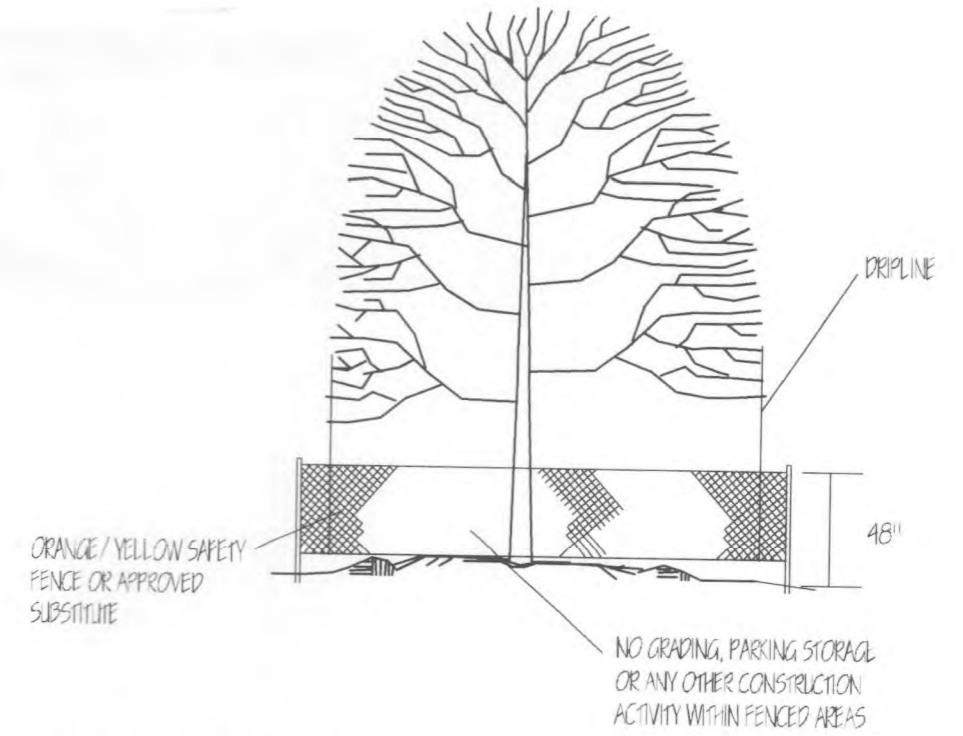
STEEL EDGING DETAIL
 SCALE: NTS



TREE PLANTING DETAIL
 SCALE: NTS



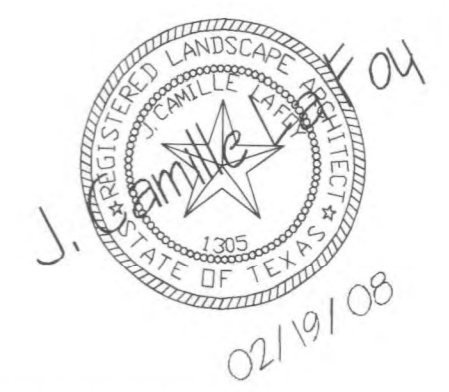
GROUND COVER PLANTING DETAIL
 SCALE: NTS



MINIMUM TREE PROTECTION
 SCALE: NTS

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LANDSCAPE PLAN
 RALPH HALL PKWY. & HORIZON ROAD
 CITY OF ROCKWALL
 ROCKWALL COUNTY, TEXAS

JCL
J. CAMILLE LA FOY
 LANDSCAPE ARCHITECTURE CONSULTING
 101C NORTH GREENVILLE AVENUE, #242
 ALLEN, TEXAS 75002
 972-783-8699 972-783-8626 FAX

DATE	11/07/07
SCALE	1"=20'
JOB NO	0007027
SHEET	L1.01

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IRRIGATION SYMBOLS AND CITY NOTES

NOTE: THE CITY OF ROCKWALL PUBLIC WORKS DEPARTMENT DOES NOT ALLOW MAIN LINE BETWEEN BACK OF CURB AND R.O.W. WHICH INCLUDES THE SIDEWALK. SO IN ADDITION TO THE SLEEVES SHOWN ON THE PLANS, THE CITY REQUIRES MIN. 20" x 40" PVC DIRECT BURIAL LATERAL LINES UNDER THE PAVING AT THE SPACING REQUIRED BY THE APPROVED IRRIGATION PLAN. THE MAIN LINES AND WELLS WOULD PARALLEL THE SIDEWALK OUTSIDE THE R.O.W. AND THE LATERAL LINES WOULD BE PERPENDICULAR TO THE CURB AND/OR THE SIDEWALK. CONTRACTOR TO COORDINATE LOCATION AND INSTALLATION OF LATERAL LINES WITH SUB CONTRACTOR PRIOR TO PLACING CONCRETE SIDEWALK PAVING. THE OTHER OPTION IS TO BORE EACH LOCATION AFTER PLACEMENT OF THE CONCRETE SIDEWALK.

IRRIGATION PERFORMANCE SPECIFICATIONS

1. THE CONTRACTOR SHALL SUBMIT IRRIGATION SYSTEM HEAD LAYOUT AND MATERIALS LIST TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
2. PLANS SHALL BE DRAWN TO THE SAME SCALE AS THIS PLAN.
3. CONTRACTOR SHALL PROVIDE AS-BUILT RECORD DRAWINGS OF THE COMPLETED IRRIGATION SYSTEM TO THE OWNER PRIOR TO FINAL PAYMENT.
4. SQUARE HEAD SPACING OF HEADS SHALL NOT BE PERMITTED. CONTRACTOR SHALL USE TRIANGULAR HEAD SPACING IN ALL CASES.
5. THE GENERAL CONTRACTOR SHALL PROVIDE THE ELECTRICAL TO 120 VOLT SITE TO THE ELECTRICAL CONTROLLER. IRRIGATION CONTRACTOR TO MAKE CONNECTIONS AS REQUIRED.
6. THE GENERAL CONTRACTOR SHALL PROVIDE THE WATER CONNECTION SPECIFIED ON THE PLANS. THE IRRIGATION CONTRACTOR SHALL COORDINATE LOCATION AND SIZE OF METER REQUIRING IRRIGATION CONTRACTOR SHALL ATTACH TO THE METER AND BEGIN THE WORK.
7. THE IRRIGATION CONTRACTOR SHALL SELECT THE PROPER ARCH AND RADIUS FOR EACH NOZZLE TO PROVIDE 100% COVERAGE OF ALL LAWN AREAS SHOWN ON SITE.
8. THE IRRIGATION SYSTEM SHALL CONFORM WITH ALL LOCAL CITY AND COUNTY CODES AND ORDINANCES.
9. IRRIGATION CONTRACTOR SHALL VERIFY AND EXERCISE EXTREME CARE IN EXCAVATION AND WORKING NEAR EXISTING TREES, POWER LINE, ABOVE AND BELOW GROUND, EXISTING UTILITIES, AND PROPOSED UTILITIES AREAS.
10. IRRIGATION AND LANDSCAPE CONTRACTOR TO VERIFY ALL EXISTING UTILITIES SERVICES ON SITE PRIOR TO BEGINNING WORK. IF ANY QUESTION AS TO LOCATION ASSES NOTIFY ARCHITECT AND OWNER.
11. THE IRRIGATION SLEEVES REQUIRED ARE BY THE GENERAL CONTRACTOR AND ARE LOCATED ON THIS PLAN AND SHALL BE COORDINATED BY THE CONTRACTOR WITH THE ENGINEERING PLANS.

IRRIGATION PERFORMANCE NOTES

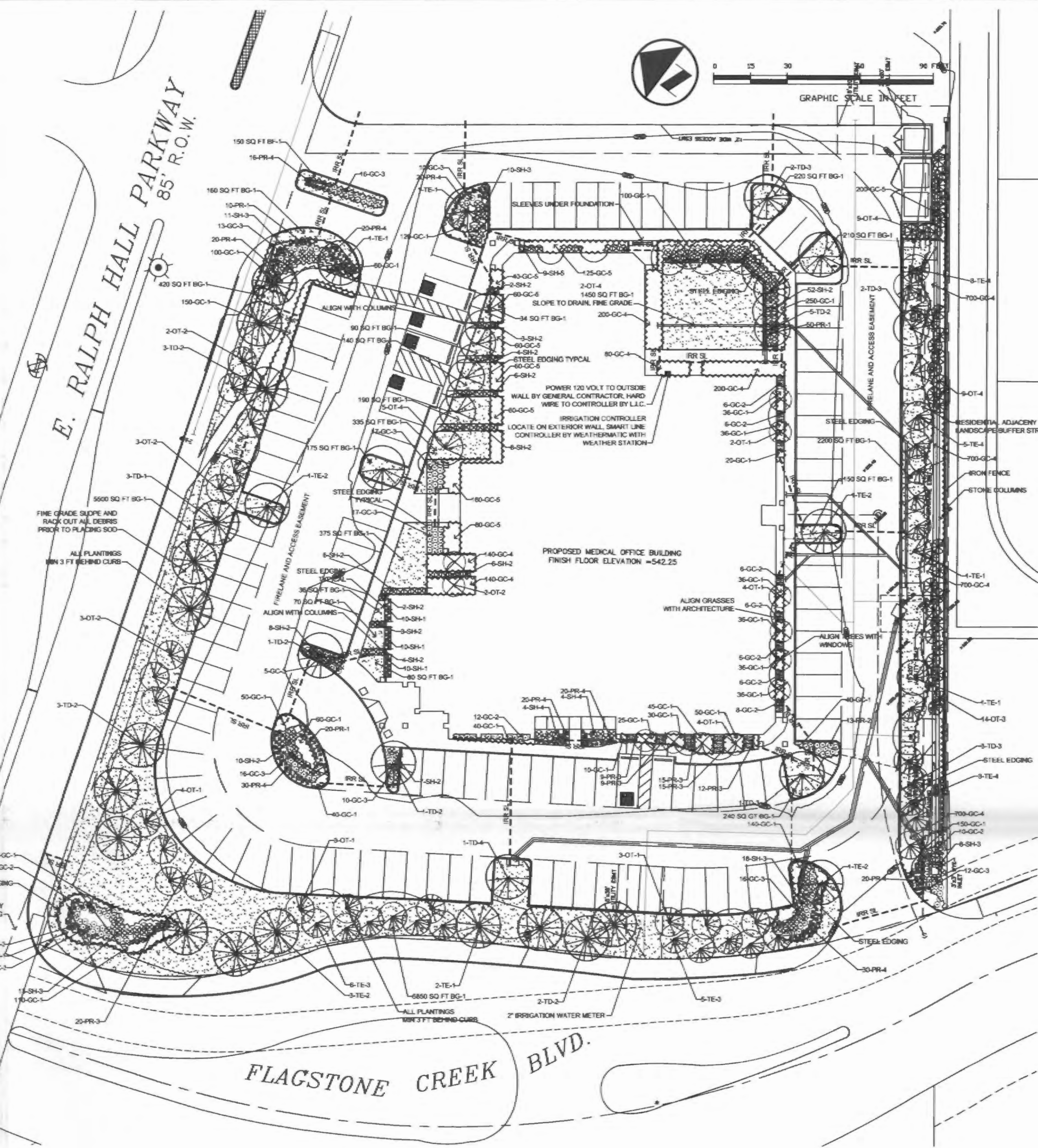
1. ALL EQUIPMENT HEADERS REFERENCE WEATHERMATIC EQUIPMENT CATALOG UNLESS OTHERWISE INDICATED.
2. LAWN SPRAY HEADS ARE 1/2" INSTALLED PER DETAIL.
3. SHERIDAN SPRAY HEADS ARE 1/2" INSTALLED PER DETAIL.
4. ELECTRIC CONTROL VALVES SHALL BE INSTALLED IN VALVE BOXES SHOWN. SIZE VALVES AS SHOWN ON PLANS. VALVE SHALL BE INSTALLED IN VALVE BOXES LARGE ENOUGH TO PERMIT MANUAL OPERATIONAL REMOVAL OF SOLID AND/OR VALVE COVER WITHOUT ANY EARTH EXCAVATION.
5. CHECK COUPLING SHALL BE CONSTRUCTED USING FITCH AND BOWEN CONTRACTOR SHALL SUPPLY OWNER WITH (1) FITCH AND BOWEN (2) DRINKING WATER SLEEVES AS PART OF THIS CONTRACT.
6. AUTOMATIC CONTROLLER SHALL BE INSTALLED AT LOCATION SHOWN (POWER [120V] SHALL BE LOCATED IN A JUNCTION BOX WITH FIVE (5) OF CONTROLLER).
7. ALL 24 VOLT WIRING IS TO BE 14UF SINGLE CONDUCTOR. ALL WIRE SPICES ARE TO BE PERMANENT AND WATERPROOF.
8. SLEEVES SHALL BE INSTALLED TO GENERAL CONTRACTOR. SLEEVE MATERIAL SHALL BE SCHEDULE 40, 60" O.D. SCHEDULE 40. CONTRACTOR SHALL VERIFY STATIC WATER PRESSURE AT EACH PRESSURE IS LESS THAN 100 PSI. DO NOT START WORK UNTIL NOTIFIED TO DO SO BY OWNER.
9. ALL MAIN LINE AND LATERAL PIPING SHALL HAVE A MINIMUM OF 12 INCHES OF COVER. ALL PIPING UNDER PAVING SHALL HAVE A MINIMUM OF 18 INCHES OF COVER.
10. THE IRRIGATION CONTRACTOR SHALL COORDINATE INSTALLATION OF THE SYSTEM WITH THE LANDSCAPE CONTRACTOR SO THAT ALL PLANT MATERIAL WILL BE WATERED IN ACCORDANCE WITH THE INTENT OF THE PLANS AND SPECIFICATIONS.
11. THE IRRIGATION CONTRACTOR SHALL SELECT THE PROPER ARCH AND RADIUS FOR EACH NOZZLE TO PROVIDE 100% COVERAGE OF ALL LAWN AREAS SHOWN ON SITE. CONTRACTOR SHALL VERIFY THE SLOPE OF ALL LAWN AREAS AND SHALL WATER OVER SPRAY PATTERNS ON PAVING SURFACES. NO WATER WILL BE ALLOWED TO SPRAY ON BUILDINGS.

SOIL AMENDMENT NOTES

- SOIL AMENDMENT 'A' FOR SHRUBS AND GROUND COVER BEES (GENERAL)
1. PRIOR TO SOIL AMENDING THE SUB-GRADES SHALL BE 8" BELOW FINISH GRADE TO ALLOW FOR THE FOLLOWING AMENDMENTS AND FERTILIZER. THE LAYER OF SOIL AMENDMENTS SHALL BE 4" DEEP WITH A LAYER OF MULCH 2" DEEP AS SPECIFIED, LEAVING A FINISH GRADE OF 2" BELOW THE ADJACENT PAVED AREA. EXCAVATION AND/OR FILL MAY BE REQUIRED TO ACHIEVE THESE GRADES.
- APPLICATION RATES FOR SOIL AMENDMENTS:
- A) ORGANIC SOIL CONDITIONER - 2" LAYER
 - B) FERTILIZER - 10 LBS./1,000 SQ. FT. OF BED AREA
- SOIL AMENDMENT 'B' FOR SHRUBS AND GROUND COVER BEES (GENERAL)
1. AMENDMENTS SHALL BE UNIFORMLY SPREAD AND THOROUGHLY CULTIVATED BY MEANS OF A MECHANICAL ROTOTILLER INTO THE TOP 2" OF SUB-GRADE WHICH WILL MAKE A BED OF APPROXIMATELY 6" TOTAL DEPTH OF AMENDED SOIL.
- SOIL AMENDMENT 'C' PREPARED BACK FILL FOR TREES AND LARGE SHRUBS (3 GALLON AND LARGER)
- A) BACK FILL MULCH: PRIOR TO BACK FILL PROVIDE TREE DRAIN AND GRAVEL AS TOPSOIL - 3 PARTS
 - B) PEATMOSS - 1 PART
 - C) SHARP SAND - 1 PART
- SOIL AMENDMENT 'E' SOIL PREPARATION FOR LAWN AND GRASS AREAS
1. PRE-PLANT WEED CONTROL: ROUND UP TO BE APPLIED UNIFORMLY TO TREAT FOR WEEDS.
 2. SOIL AMENDMENTS FOR LAWN AND GRASS AREAS:
 - A) FOR HYDROSEEDING PREPARATION AND SOLID SOIL OPERATIONS.
 - B) PRIOR TO SOIL AMENDING THE SUB-GRADES SHALL BE 2" BELOW FINISH GRADE TO ALLOW FOR THE FOLLOWING AMENDMENTS AND FERTILIZER. THE LAYER OF SOIL AMENDMENTS SHALL BE 1" DEEP LEAVING A FINISH GRADE 1" BELOW THE ADJACENT PAVED AREA. EXCAVATION AND/OR FILL MAY BE REQUIRED TO ACHIEVE THESE GRADES.
- APPLICATION RATES FOR SOIL AMENDMENTS:
- A) TOP SOIL - 1" LAYER ON BASE OF SOIL SOD
 - B) FERTILIZER - 10 LBS./1,000 SQ. FT. OF LAWN AREA
 - C) AMENDMENTS SHALL BE UNIFORMLY SPREAD AND THOROUGHLY CULTIVATED TO LIGHT AND FRABLE CONSISTENCY BY MEANS OF A MECHANICAL ROTOTILLER INTO THE TOP 2" OF SUB-GRADE WHICH WILL MAKE A BED OF APPROXIMATELY 4" DEPTH OF AMENDED SOIL.

LANDSCAPE NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR BEING FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES, AND STRUCTURES. CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF SOIL UTILITIES.
2. CONTRACTOR SHALL NOT FULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBSERVED THAT UNKNOWN OBSTRUCTIONS, AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT AT 24 HOURS. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH GENERAL CONTRACTOR AND SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH PLANTING OPERATIONS.
4. IF CONFLICTS ARISE BETWEEN SIZE OF AREAS AND PLANS, CONTRACTOR IS TO CONTACT LANDSCAPE ARCHITECT FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN TO THE LANDSCAPE ARCHITECT WILL RESULT IN CONTRACTOR'S LIABILITY TO RELOCATE THE MATERIALS.
5. ALL PLANT MATERIAL SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT AND OWNER PRIOR TO INSTALLATION.
6. FINAL LOCATION OF ALL PLANT MATERIAL SHALL BE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT AND OWNER.
7. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT 48 HOURS PRIOR TO COMMENCEMENT OF LANDSCAPE WORK TO COORDINATE PROJECT INSPECTION SCHEDULES.
8. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL SHRUBS AND GROUND COVER AREA IN A WEED-FREE, DISEASE-FREE, AND BERMOUDA-FREE CONDITION. ALL EXISTING GRASSES SHALL BE DUG OUT BY THE ROOTS AND REMOVED FROM THE SITE.
9. ALL PLANTING AREA SHALL SLOPE AWAY FROM BUILDINGS TOWARDS THE WALKS AT A MINIMUM 2% SLOPE.
10. FINISH GRADE SHALL BE 2" BELOW FINISH PAVING SURFACE IN ADJACENT LAWN AREA AND 2" IN SHRUB AREAS. SOME SOIL EXCAVATION MAY BE REQUIRED TO ACCOMPLISH FINISH GRADE. (SEE SOIL PREPARATION SPECIFICATIONS).
11. CROWN OF ALL PLANT ROOT SYSTEMS SHALL BE SLIGHTLY HIGHER AFTER SETTLING ADJACENT SOIL.
12. SEE DETAILS AND SPECIFICATIONS FOR STAKING AND GUYING METHODS. PLANT DIMENSIONS AND BACK FILL REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE TREE'S STABILITY FOR THE DURATION OF THE WARRANTY PERIOD.
13. SHRUBS, GROUND COVERS, AND SEASONAL COLOR SHALL BE TRIANGULARLY SPACED AT 20" SPACING ON PLANT LIST AND SHALL RECEIVE A 2" LAYER OF MULCH.
14. ALL GROUND COVERS TO BE HELD BACK 12" FROM EDGE OF SHRUBS PLANTING AREAS AND 12" FROM EDGE OF PAVING. ALL PLANTING BEDS TO BE DIVIDED FROM SOD WITH STEEL EDGING, TYPICAL.
15. SEASONAL COLOR WILL BE SELECTED BY THE LANDSCAPE ARCHITECT PRIOR TO THE INSTALLATION TIME.
16. ALL TREES SHALL BE LOCATED A MINIMUM OF 4 FEET FROM WALLS, HEADERS, WALKS, AND OTHER TREES WITHIN THE PROJECT. IF CONFLICTS ARISE BETWEEN SIZE OF AREAS AND PLANS, CONTRACTOR IS TO CONTACT ARCHITECT FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN TO THE ARCHITECT WILL RESULT IN CONTRACTOR'S LIABILITY TO RELOCATE THE MATERIALS.
17. SLOPE AREA SHALL NOT HAVE PLANTING INSTALLED UNTIL ALL GULLIES TO BE FILLED IN WITH ADJACENT SOIL AND COMPACTED.
18. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FURNISH PLANT MATERIALS FREE OF PEST OR PLANT DISEASE. IT IS THE CONTRACTOR'S OBLIGATION TO WARRANTY ALL PLANT MATERIAL FOR 365 DAYS FROM FINAL COMP. FROM DATE.



PLANT LIST

EVERGREEN TREES	COMMON NAME	BOTANICAL NAME	SIZE
TE-1	LIVE OAK	QUERCUS VIRGINIANA	85 GAL, 3.5"-4" CAL, 10-12 FT. HIGH, MATCHED FULL ROUND HEADS
TE-2	LIVE OAK	QUERCUS VIRGINIANA	100 GAL, 4.0"-4.5" CAL, 16-18 FT. HIGH, MATCHED FULL ROUND HEADS
TE-3	ELDERICA PINE	PNUS ELDERICA	85 GAL, 3.5"-4" CAL, 10-12 FT. HIGH, MATCHED FULL ROUND HEADS
TE-4	LEYLANDI CYPRESS	CYPERUS LEYLANDII	85 GAL, 3.5"-4" CAL, 10-12 FT. HIGH, MATCHED FULL ROUND HEADS
DECIDUOUS TREES	TD-1	CEDAR ELM	ULMUS CRASSIFOLIA
TD-2	RED MAPLE OCTOBER GLORY	ACER RUBRUM	
TD-3	BALD CYPRESS	TAXODIUM DISTICHUM	
TD-4	RED OAK	QUERCUS SHAMARDOI	
TD-5	RED OAK	QUERCUS SHAMARDOI	
ORNAMENTAL TREES	OT-1	CREPMYRTLE, CHEROKEE RED	LAGERSTROMIA INDICA
OT-2	DWARF MAGNOLIA, LITTLE GEM	MAGNOLIA, LITTLE GEM	
OT-3	MELLIE R. STEVENS	ILEX OPACA N.R. STEVENS	
OT-4	SAVANNAH HOLLY	ILEX OPACA	
OT-5	SAVANNAH HOLLY	ILEX OPACA	
SHRUBS, HEDGES	SH-1	DWARF YAUPOH HOLLY	ILEX VOMITORIA, NANA
SH-2	INDIAN HAWTHORN, PINK	RAPHILOPSIS INDICA, BALLERINA PINK	
SH-3	PHITZER JUNIPER DWARF	JUNIPERUS CHINENSIS PHITZERIANA NANA	
SH-4	RED ROSE, EVER BLOOMING	ROSE, EVER BLOOMING RED	
SH-5	DWARF BURFORD HOLLY	ILEX CORNUTA, BURFORDII	
GROUND COVERS	GC-1	WEEDING LOVE GRASS	ERAGROSTIS CURVULA
GC-2	DWARF MILLY GRASS	MILLENERBIA LINEARIS DWARF	
GC-3	HAMELIN GRASS	PENNISETUM ALOPECURIDES HAMELIN	
GC-4	WINTER CHEEPPER	ELKONYMUS FORTUNEI	
GC-5	MONKEY GRASS BIG BLUE	LIRIOPE MUSCARI BIG BLUE	
PERENNIALS	PR-1	DAYLILY, RED LIPSTICK	HEMEROCALLIS, RED
PR-2	AUTUMN SAGE	SALVIA GREGGII, PURPLE	
PR-3	CHERRY SAGE	SALVIA GREGGII, RED	
PR-4	LANTANA, PURPLE	LANTANA CAMARA, PURPUREA	
GRASS	BG-1	BERMUDA GRASS	BERMUDA SPECIES, COMMON

CITY OF ROCKWALL LANDSCAPE ORDINANCE

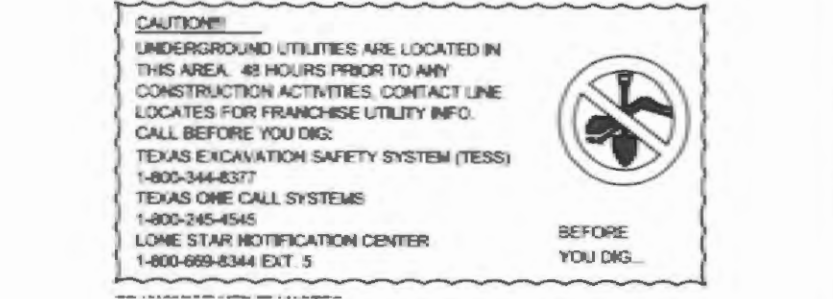
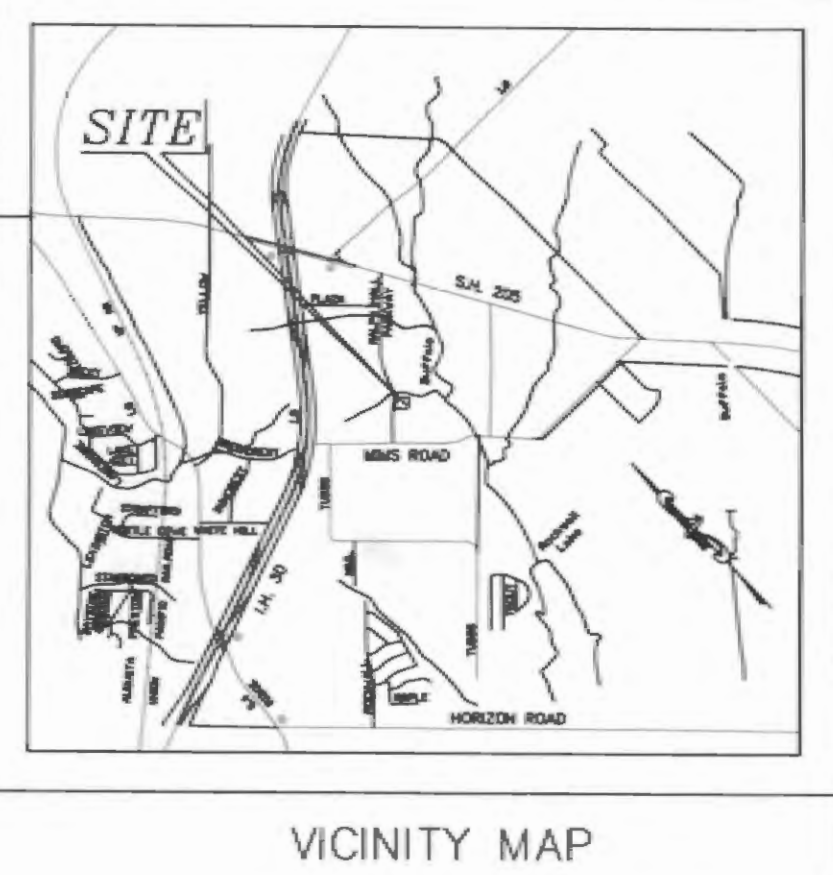
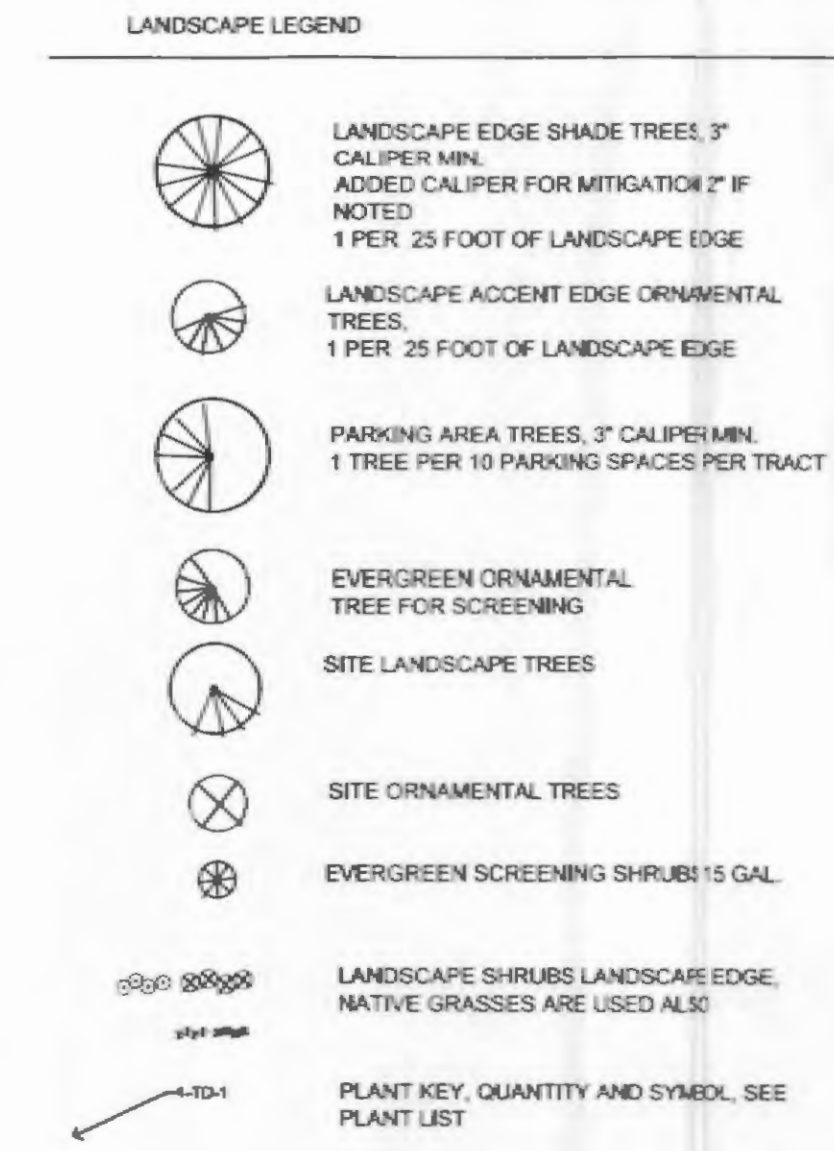
SECTION 20-26 MANDATORY PROVISIONS
 (A) LANDSCAPE BUFFER STRIP
 THE SITE IS ADJACENT TO A RESIDENTIAL ZONING DISTRICT. A 10 FOOT LANDSCAPE BUFFER STRIP IS REQUIRED. THE AREA ALLOWED IS 15 FEET ON SITE FOR THE BUFFER STRIP.
 (B) SCREENING OF OFF STREET LOADING DOCKS
 THE OFF STREET LOADING AREAS SHALL BE SCREENED AS SHOWN. THERE ARE NO OFF STREET LOADING AREAS ON SITE.
 (C) ACCEPTABLE LANDSCAPE MATERIALS
 ALL LARGE TREES USED TO MEET THIS ORDINANCE ARE 3.5" CALIPER OR GREATER.
 (D) PROTECTION OF LANDSCAPE AREAS
 ALL LANDSCAPE AREAS ARE PROTECTED BY CONCRETE CURBS.
 (E) IRRIGATION REQUIREMENTS
 THE REQUIRED LANDSCAPE ON THE SITE IS IRRIGATED BY AUTOMATIC UNDER GROUND IRRIGATION SYSTEM. SEE PERFORMANCE SPECIFICATIONS.
 (F) SCREENING RESIDENTIAL USES
 THERE ARE ADJACENT RESIDENTIAL USES. AN ALTERNATIVE IS PROVIDED ON THIS PLAN USING STEEL FENCING AND STONE COLUMNS. SEE DETAILS (G) STREET LANDSCAPING
 THE SITE IS ON RALPH HALL PARKWAY AND FLAGSTONE DRIVE. THE RALPH HALL BUFFER STRIP IS 346 FEET LONG REQUIRING 9 CANOPY SHADE TREES AND 9 ACCENT TREES.
 THE FLAGSTONE CREEK BLVD BUFFER STRIP IS 379 FEET LONG REQUIRING 9 CANOPY SHADE TREES AND 9 ACCENT TREES.
 (H) RIGHT OF WAY LANDSCAPE REQUIREMENTS
 THE LANDSCAPE AREA BETWEEN THE ROADWAY SURFACES AND THE R.O.W ARE SEEDED AND IRRIGATED. THE IRRIGATION PLANS WILL BE PROVIDED BY THE LICENSED IRRIGATION CONTRACTOR. SEE IRRIGATION NOTES ON THIS SHEET.
 (I) PARKING LOT LANDSCAPING
 THE PARKING LOT SHALL BE LANDSCAPED WITH OVER 5% LANDSCAPE. ALL PARKING SPACES ARE WITHIN 80 FEET OF A SHADE TREE.
 (J) SCREENING OF TRASH DUMPSTERS
 THE DUMPSTERS ARE SCREENED AND WALLED FROM VIEW AND ARE BEHIND GATES.
 (K) REQUIRED LANDSCAPE
 THE LANDSCAPE AREA FOR THE SITE IS ILLUSTRATED FOR THE COMPLETE SITE PLAN.
 THE REQUIRED LANDSCAPE AREA IS NOTED PER LOT. THE SITE PLAN HAS ONE LOT.
 THE MINIMUM LANDSCAPE AREA FOR COMMERCIAL USES IS 15%. THE SITE IS APPROX. 105,941 SQ.FT. AND HAS 22,531 SQ.FT OF BUILDINGS. THE REMAINING SITE IS 83,410 SQ.FT REQUIRING 12,512 SQ.FT OF LANDSCAPE AREA. THE SITE HAS 28,783 SQ.FT OF SITE LANDSCAPE AREA OR OVER 35%.
 THE PARKING LOTS SHALL BE LANDSCAPED AT ONE (1) CANOPY SHADE TREE PER 10 PARKING SPACES.
 THE PARKING LOT HAS 113 PARKING SPACES, REQUIRING 12 TREES. THERE ARE 12 CANOPY SHADE TREES SHOWN ON THE PLAN IN THE PARKING LOT AREAS.
 DETENTION POND LANDSCAPE REQUIRED
 THERE ARE NO DETENTION PONDS LOCATED ON SITE.

ROOT BARRIERS AT UTILITIES AND PAVING EDGES

1. NO TREE SHALL BE PLANTED WITHIN 5 FEET OF ALL UTILITIES WATER, SEWER, ELEC, CABLE, STORM, ECT.
2. ROOT BARRIERS ARE REQUIRED ON ALL TREES WITHIN UTILITY EASEMENTS AND AT EDGE OF PAVING WITHIN 5 FEET.
3. DEEP ROOT BARRIERS, 1-800-458-7668, INSTALL UB-48-2 PER SPECIFICATIONS FOR 16 FEET AT EACH TREE ON SIDE OF PAVING OR UTILITY. INCLUDE 4" WIDE TRENCH OF 3/4" DRAIN GRAVEL ON OUT SIDE OF BARRIER, 36" DEEP, BARRIER TO EXTEND 1' ABOVE GRADE.

LANDSCAPE SITE PLAN NOTE

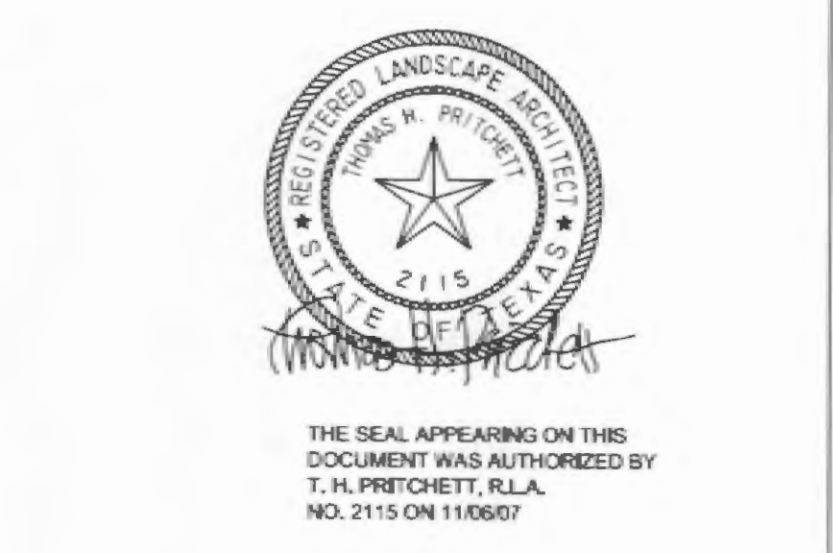
LANDSCAPE PLAN PREPARED FOR SITE PLAN APPROVAL ONLY. PLAN IS NOT FOR CONSTRUCTION OR PRICING. ADDITIONAL SHRUBS AND GROUND COVERS WILL BE SHOWN FOR FINAL LANDSCAPE PLANS FOR PRICING CONSTRUCTION. ALL AREAS ARE LANDSCAPED WITH SOLID SOO BERMOUDA GRASS UNLESS OTHERWISE NOTED. ALSO TOTAL SQUARE FEET OF SOD WILL BE NOTED PER EACH AREA IN THE FINAL PLANS.



2007 026
 REGISTERED
 2007 2 9 AM

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THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY T. H. PRITCHETT, R.L.A., NO. 2115 ON 11/06/07

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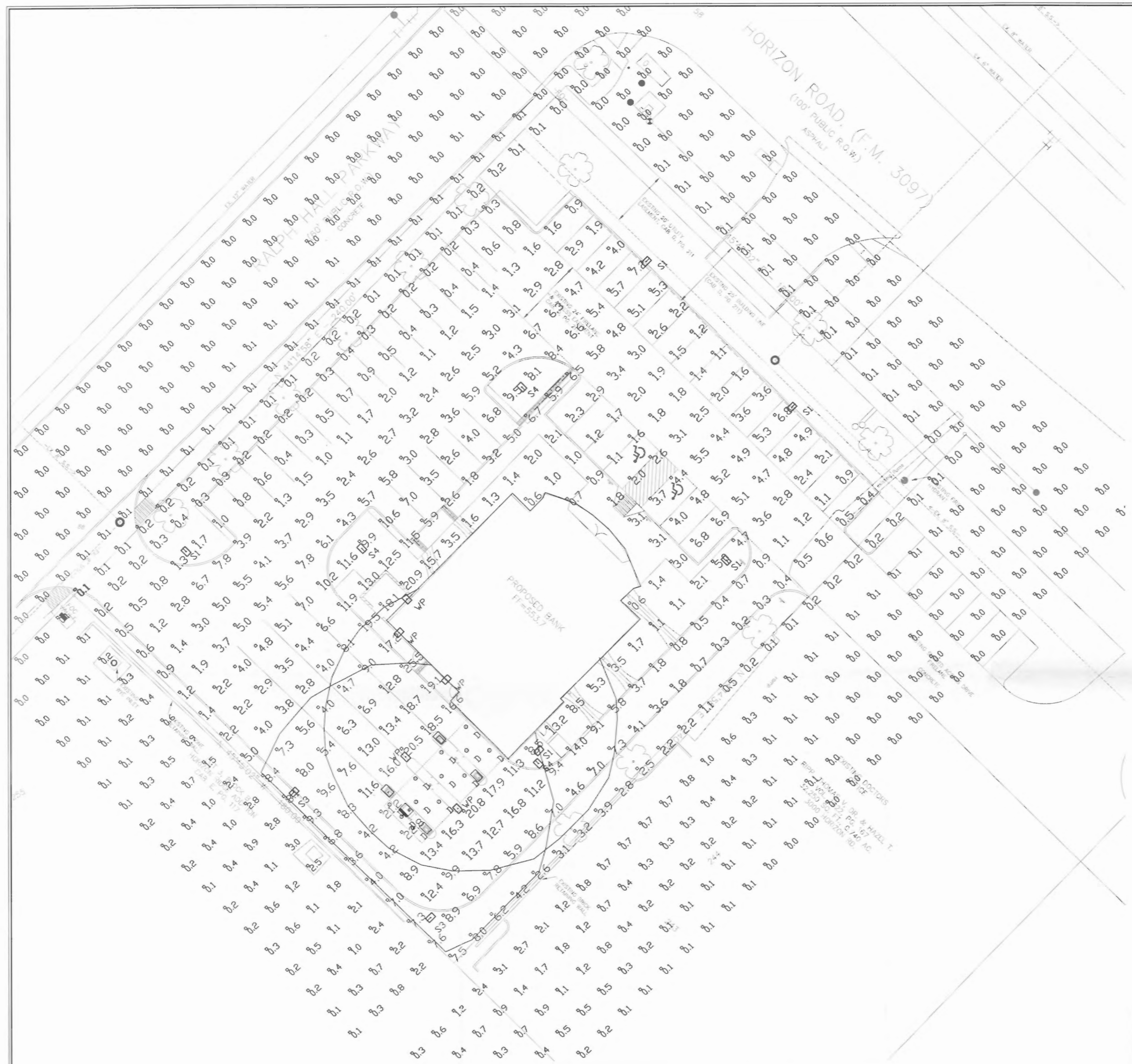
LANDSCAPE PLANTING PLAN
 RALPH HALL PARKWAY
 ROCKWALL MEDICAL CENTER
 CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

REVISION	DATE
T.H.P. CHECKED	
T.H.P. DRAWN	
11/06/2007	DATE
0601SITE	PROJECT
LPP-1	OF

THIS DOCUMENT IS
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CHASE

**CHASE BANK
RETAIL BANKING CENTER**
HORIZON & RALPH HALL PKWY.
ROCKWALL, TEXAS



Symbol	Qty	Label	Arrangement	Lumens	LLF	Description
□	3	S4	SINGLE	32000	0.750	CAL-400-MH-XX-3S
○	12	D	SINGLE	5500	0.750	MD7-730-7700LI
□	2	S3	SINGLE	32000	0.750	CAL-400-MH-XX-3S
□	5	S1	SINGLE	32000	0.750	CAL-400-MH-XX-SLE
□	5	WP	SINGLE	32000	0.750	VWM-400-MH-XX-4S

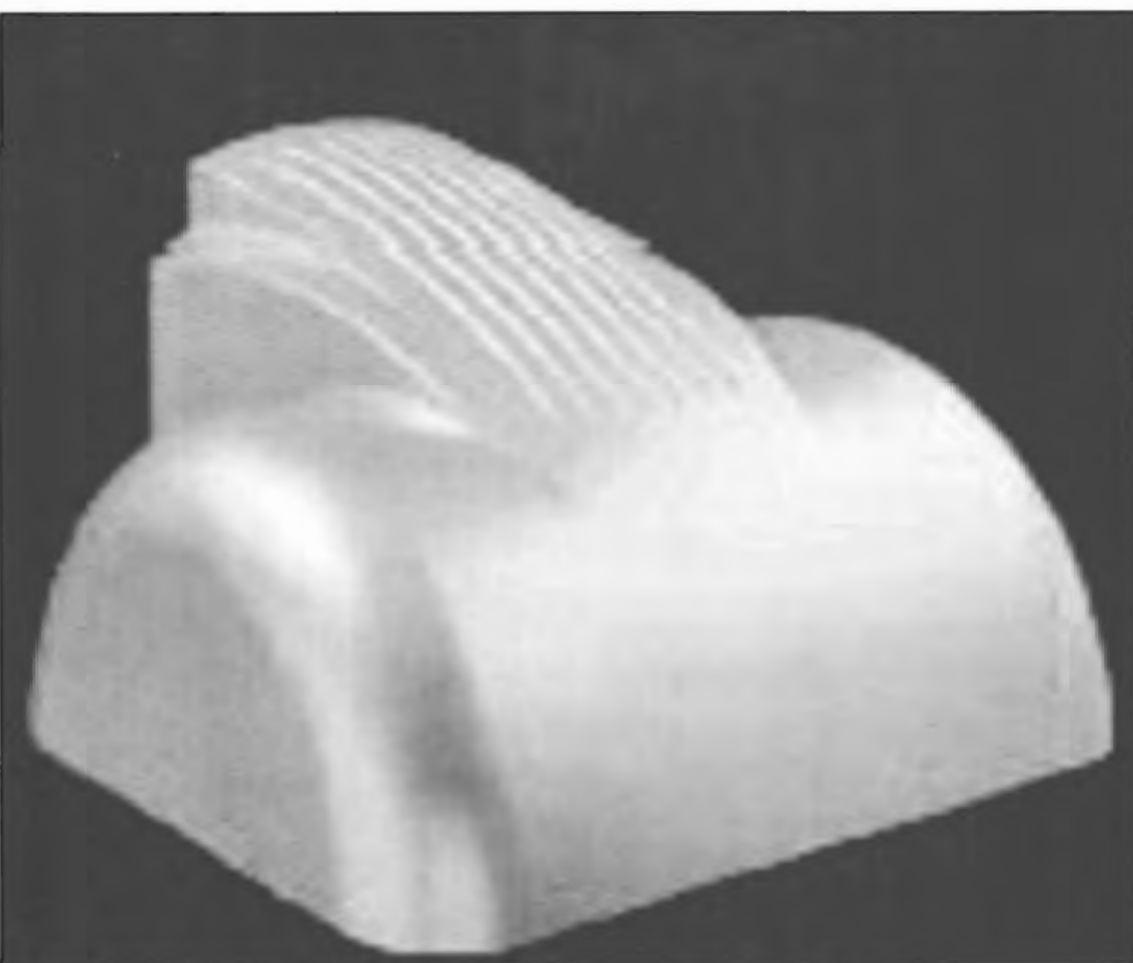
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	PtSpcLr	PtSpcTo
Site	Illuminance	Fc	4.83	25.5	0.2	24.15	127.50	10	10
Property Line	Illuminance	Fc	1.53	9.3	0.0	N.A.	N.A.	10	N.A.
Motor Bank	Illuminance	Fc	29.48	61.7	4.2	7.02	14.69	2	2
ATM_Face	Illuminance	Fc	12.10	14.1	10.3	1.17	1.37	0.5	0.5
Beyond Property Line	Illuminance	Fc	0.15	3.1	0.0	N.A.	N.A.	10	10

Calculations 2.5' AG. Luminaire symbols not to scale.
17.5' Pole / 2.5' Base

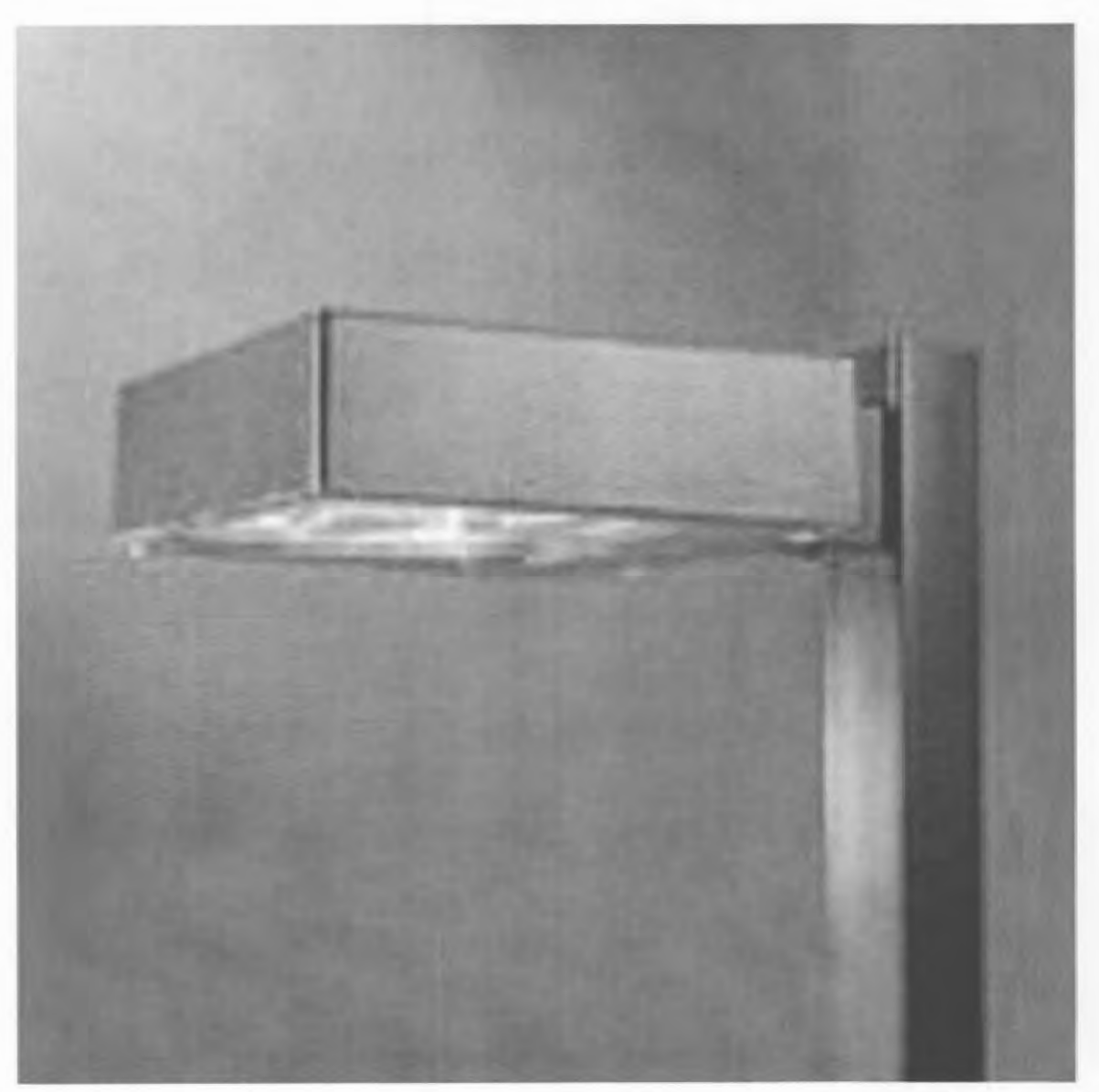
ND Radius	ATM Radius
Illuminance Values(Fc)	Illuminance Values(Fc)
Average =25.64	Average =25.06
Maximum =61.7	Maximum =61.7
Minimum =4.2	Minimum =2.6
Avg/Min Ratio=6.10	Avg/Min Ratio=9.64
Max/Min Ratio=14.69	Max/Min Ratio=23.73

LumNo	Label	X	Y	Z	Orient
1	D	22.75	53.5	10.66	0
2	D	29.75	47.75	10.66	0
3	D	42	47.75	10.66	0
4	D	54.25	47.75	10.66	0
5	D	22.75	47.75	10.66	0
6	D	22.75	42.25	10.66	0
7	D	35.25	53.5	10.66	0
8	D	35.25	42.25	10.66	0
9	D	47.75	53.5	10.66	0
10	D	47.75	42.25	10.66	0
11	D	59.75	53.5	10.66	0
12	D	59.75	42.25	10.66	0
13	S1	35	165	20	270
14	S1	216.6	51.75	20	180
15	S1	216.6	121.6	20	180
16	S1	162.5	29.25	20	90
17	S1	69.85	30.25	20	0
18	S3	3.75	16.5	20	0
19	S3	1.25	79.5	20	0
20	S4	77.85	120	20	90
21	S4	154.95	120	20	90
22	S4	68.35	29	20	270
23	WP	66.5	92.5	14	180
24	WP	66.5	69.75	14	180
25	WP	76.5	98.7	12.5	90
26	WP	38.1	36	15	270
27	WP	38.1	61	15	90

01 PHOTOMETRIC SITE PLAN
SCALE: T = 20'-0"



EXTERIOR WALL PACK FIXTURE - WP:
COOPER #
VWS-175-MH-120-4S



EXTERIOR SITE LIGHT FIXTURE - S1, S3, S4:
COOPER #
CAL-400-MH-208-SL-BK

FILE COPY

2007 025



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