

REAL ESTATE #2012618 BUILDING TYPE PT14L RUFE SNOW N. RICHLAND HILLS, TX 76180 DRC SUBMITTAL

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C-3.0	CIVIL SITE PLAN
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S5.5

A2.2

JACOBS EXAS REGISTRATION #2966 11 CENTRAL PARKWAY NORTH, ARCHITECTURAL Whataringge TITLE SHEET & INDEX OF DRAWINGS SCALE: APPROVED BY: JA

STRUCTURAL

FOUNDATION AND FRAMING DETAILS

LANDSCAPE WALL AND DETAILS CANOPY PLAN AND DETAILS

EXTERIOR ELEVATIONS

EXTERIOR ELEVATIONS

SYMBOLS OWNER / CONSULTANTS

CONCRETE MASONRY

WOOD WOOD CONCRETE

PLYWOOD - PRE-FAB COOLER BOX

EARTH

////// BRICK

GYPSUM BOARD

______ STUD WALL W/ INSULATION

LIMITS OF CONSTRUCTION

ELEVATION SHEET NUMBER



BUILDING SECTION SHEET NUMBER



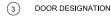
WALL SECTION SHEET NUMBER



SHEET NUMBER











DINING ROOM ROOM NAME

ROOM NUMBER

WHATABURGER 300 CONCORD PLAZA DRIVE SAN ANTONIO, TEXAS 78216 ARCHITECT JACOBS ENGINEERING GROUP INC. 911 CENTRAL PARKWAY NORTH, SUITE 425 SAN ANTONIO, TEXAS 78232 210.494.4525 FAX MEP ENGINEER JACOBS ENGINEERING GROUP INC. 911 CENTRAL PARKWAY NORTH, SUITE 425 SAN ANTONIO. TEXAS 78232 210.494.4525 FAX STRUCTURAL ENGINEER JACOBS ENGINEERING GROUP INC. 911 CENTRAL PARKWAY NORTH, SUITE 425 SAN ANTONIO, TEXAS 78232 210.494.0088 VOICE 210.494.4525 FAX CIVIL ENGINEER

JACOBS ENGINEERING GROUP INC. 911 CENTRAL PARKWAY NORTH, SUITE 425

JACOBS ENGINEERING GROUP INC. 911 CENTRAL PARKWAY NORTH, SUITE 425

SAN ANTONIO, TEXAS 78232

LANDSCAPE ARCHITECT

SAN ANTONIO TEXAS 78232

210.494.0088 VOICE 210.494.4525 FAX

210 494 4525 FAX

IURISDICTION	CITY		COUNTY		STATE
CODE ENFORCEMENT	NORTH RICHARD HILLS		TARRANT		TEXAS
CONING	NORM RICHARD HUS		TARRANT		TEXAS
0000	TITLE		EEXTION	AMEROM ENTS	REMARKS
BUILDING	INTERNATIONAL BUILDS	KG CCDE	2012	LOCAL	
PRE	INTERNATIONAL FIRE OF	OF	2012	LOCAL	
MECHANICAL	INTERNATIONAL MECHA		2012	LOCAL	
BLECTRICAL	NATIONAL BUCTRICAL		2011	LOGAL	
PLIMBING	INTERNATIONAL PLUMB		2012	LOCAL	
ANDSCAPE	LOCA, LANDSCAPE OF		YES		
ENERGY		Y CONSERVATION CODE	2012		
SIGNA GE	LOCAL SIGNAGE OFFIN		YES		
ADA	2010 ADA / 2012 TAS S		2010/2012		
HEALTH	LOCAL HEALTH REQUE	EMENTS	YES		
USE AND OCCUPANCY CLA	ASSIFICATION			IBC 2012	SECTION 302
	USE GROUP 300	CONSTRUCTION TYPE TABLE (01	FIRE PROTECTION 903.2.1	MIDED USE SECTION 508	AREA (SF)
CLASSFICATION	ASSEMBLY 2	VB	REQUIRED	MAJOR OCCUPANCY A-2 NONSEPARATEDOCC.	3,942
ACTUAL BUILDING AREA					3.942
MOXED USE	ASSEMBLY, STORAGE	BUSNESS			
THE SALE	pressure 1, violation				
GENERAL BUILDING SUMM	MARY			IBC 2012	TABLE 503
BUILDING HEIGHT LIMITATIONS		STORIES	BUILDING AREA LIMI	TATIONS (PER FLOOR)	AREA (SF)
ALLOWABLE HEIGHT LIMITATION		1 STORY, 40"	ALLOWABLE AREA LIMITA		6.000
ALLOWABLE HEIGHT INCREASE (ARTS VS ST CAADOS	1 STORY, 20"	ALLOWABLE AREA INCRE		300%
ALLUWABLE HERSHI INCHEASE ()	orne-CD-01 010W	1 STORY, 20"			N/A
		1401	ALLOWABLE AREA INCRE		
TOTAL ALLOWA BLEHEIGHT		60'	TOTAL ALLOWABLE AREA	1	18,000
ACTUAL HEIGHT (IN STORIES)		1 STORY, 21'-0"	ACTUAL BUILDING A REA		3,942
FIRE RESISTANCE RATING	is			IBC 2012	TABLE 601
BUILDING E	LEMENT	RATING (HOURS)	DESIGN NO.		REMARKS
STRUCTURAL FRAME		0			TABLE (01
BEARING WALLS: EXTERIOR		0			TABLE (01
BEARING WALLS: INTERIOR		0		TABLE601	
NONBEARING WALLS: EXTEROR		0		TABLE 602	
NONBEARING WALLS: INTERIOR		0			TABLE 601
PLOOR CONSTRUCTION		0			
ROOF CONSTRUCTION		- 0		- :	
CORRIDORS		0	_		TABLE 1018.1
OPEN EGRESS STAIRS		NA NA			
		12.1			
FIRE RESISTANCE RATING	S FOR EXTEROR WA	LLS BASED ON SEPARATION	ONDISTANCE	IBC 2012	TABLE 601
MINUMUM FIRE RESTANCE	ERATING MI	NIMUM FIRE SEPARATION	ACTUAL FIRESE		ATION
6		X ₂ 30		X230	
OCCUPANT LOAD	100			IBC 2012	TABLE 1004.1.1
OCCUPANCY	AREA(SF)	FACTOR (SQ FT PER OCCUPANT)	LOAD (OCCIPANTS)		REMARKS
STORAGE	681	300	3		
SUSNESS	43	100	1		
DOMMERCIAL KITCHEN	927	200	5		
	-	ACTUAL	49		
		24' PER PERSON	53	1 0// 8/	AR NOHS OF SIATING
FLEX SEATING		24 PERPERSON 5	18	1,194 LINE	TO THE PERSON NAMED IN COLUMN
FLEX SEATING FIXED SEATING		1 5			
FLEX SEATING FIXED SEATING MAITING	90				
FLEX SEATING FIXED SEATING AVAITING RESTROOMS	264	0 NET	6		
FLEX SEATING FIXED SEATING MAITING		0 NET	135		

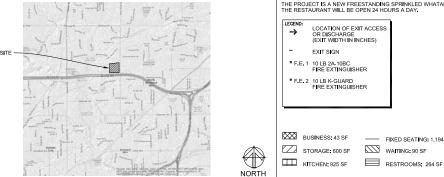
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SECTION 302	
	EXIT PASSAGEV
AREA (SF)	CORREDORS
	ROOMS AND EN
3,942	
3.942	PLUMBING F
0.0%	
	7
TABLE 503	1
TABLE 503	FIXTURE TYPE
AREA (SF)	WATER CLOSET
6,000	URINALS
300%	LAVATORES
N/A	LAVATORES
18.000	UNSEX TOLET (
3.942	UNSEX TULETY
	SERVICE SINKS
TABLE 601	DRINKING FOUN
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51-1 210 20	5° 7	82 d	4° 7-7' 50' 20' 20' 2012	1018.2 1015.2.1 1016.1 1018.4 1018.4
51-1 210 20	5° 7	82 4 4 HBC	7.7° 150' 20' 20' 2012	1015.2.1 1016.1 1018.4 1018.4
210	7	IBC	2012	1016.1 1018.4 1018.4
20		IBC	207	1018.4
		IBC	2012	1018.4
75		IBC	2012	
				TABLE 803.9
			1200000000	
			REMARKS	
			ABLE 803.9	
			ABLE 803.9	
		,	ABLE 803.9	
		IPC	2012	TABLE 403
MALE	68	FEMALE	68	REMARKS
860.8	RED	890	OFF	
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9. CONCEAL ALL PLUMBING, DUCTWORK, CONDUIT, WIRE, AND SIMILAR ITEMS UNLESS NOTED OTHERWIS

LIFE SAFETY PLAN N.T.S

CODE ANALYSIS & GENERAL NOTES

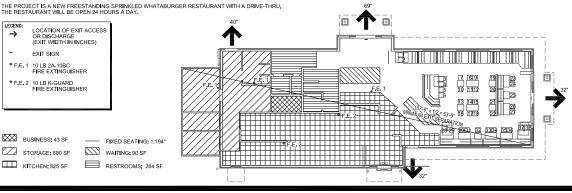


VICINITY MAP N.T.S

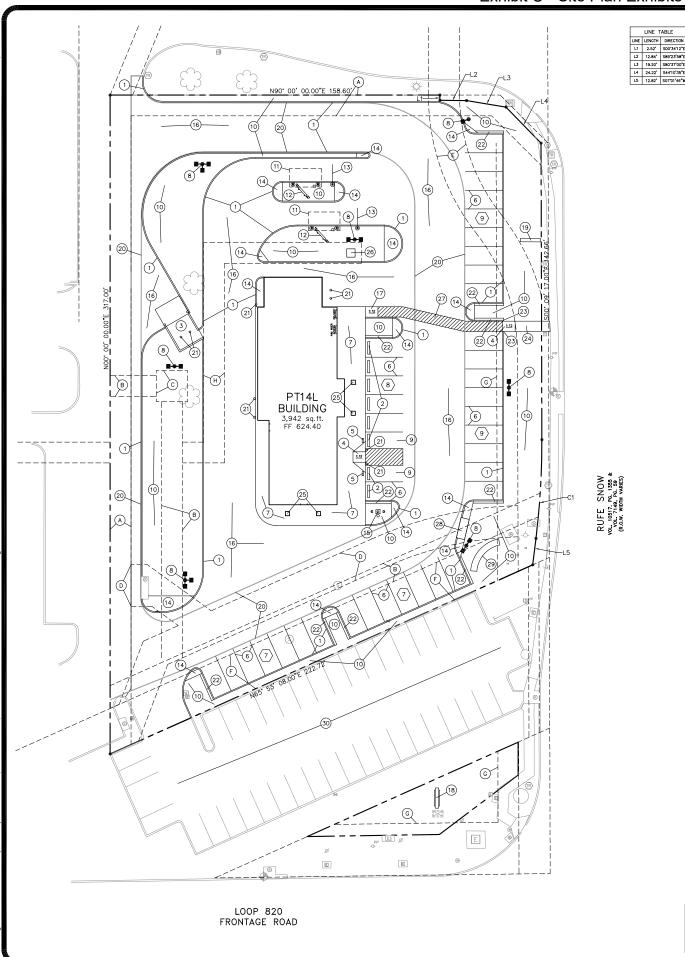
F.E. 1 10 LB 2A-10BC FIRE EXTINGUISHER F.E. 2 10 LB K-GUARD FIRE EXTINGUISHER FIXED SEATING: 1,194' STORAGE: 600 SF WAITING: 90 SF

LOCATION OF EXIT ACCESS OR DISCHARGE (EXIT WIDTH IN INCHES)

EXIT SIGN



CASE SUP 2017-04



	NOTES	BY	SYMBOL

(1) 6" CONCRETE CURB, SEE SHEET C-7.1, DETAIL 11

- 2) 6' LONG PRECAST CONCRETE WHEEL STOP, SEE SHEET C-3.1, DETAIL 04
- 3) DUMPSTER ENCLOSURE, REF STRUCTURAL PLANS, SEE SHEET S-7.1, DETAIL A3
- (4) ADA CURB RAMP, SEE SHEET C-3.1 FOR DETAIL
- (5) ADA CURB SIGNAGE, SEE SHEET C-3.1 FOR DETAIL
- 6) 90° PARKING & PAVEMENT STRIPING, SEE SHEET C-3.1, DETAIL 01
- 7) BUILDING PERIMETER SIDEWALK, REF STRUCTURAL PLANS FOR DETAILS
- (8) AREA LIGHT WITH POLE AND BASE, SEE SHEET S-7.1, DETAIL A1
- 9 ADA PARKING, SEE SHEET C-3.1, DETAIL 01
- (10) LANDSCAPE AREA, REF LANDSCAPING PLANS, SEE SHEET L-1.1 FOR DETAILS
- (11) MENU BOARD CANOPY, SEE SHEET A-0.1, DETAIL C1 AND S-7.1, DETAILS D3
- (12) EXTERIOR MENU BOARD. REF ARCH. PLANS, SEE SHEET A-0.1, DETAIL B4
- (13) HEADACHE BAR, SEE SHEET S-7.1, DETAIL D4
- (14) CONCRETE SIDEWALK/ISLAND NOSE (TYP), SEE SHEET C-7.1, DETAIL 06

- FLAGPOLE WITH GROUND MOUNTED LIGHTS, UNITED FLAG AND BANNER, GARRISON TYPE OR OWNER APPROVED EQUAL, 30' HIGH, 5' BUTT ALUMINUM WITH 14 CAUGE ALUMINUM BALL FINIAL. INCLUDE ALUMINUM ROLLER AND SLEEVE. HARDWARE TO INCLUDE STATIONARY TRUCK, NYLON FLAGSNAPS AND HALYARDS, ENTIRE ASSEMBLY (INCLUDING FOUNDATION) TO CONFORM TO APPLICABLE CODES, INCLUDING WIND LOADS.
 SEE SHEET S-7-1, DETAIL 42 FOR FOUNDATION DETAILS
 SEE SHEET E3.1, DETAIL 4 FOR LIGHT DETAILS
- (6) CONCRETE PAVEMENT, SEE SHEET C-7.1, DETAIL 01
- (17) LOADING RAMP/ADA RAMP, SEE SHEET C-3.1, DETAIL 06
- (18) PYLON SIGN, REF SIGNAGE PLANS FOR DETAILS
- (19) MONUMENT SIGN, REF SIGNAGE PLANS FOR DETAILS
- FIRE LANE STRIPING, SEE SHEET C-3.1, DETAIL 03
- 6" STEEL BOLLARD. SEE STRUCTURAL SHEET S-7.1, DETAIL C1. FINAL LOCATION OF THE 2 BOLLARDS NEAR ELECTRICAL CONNECTION TO BE COORDINATED WITH ELECTRICAL PURVEYOR.
- 22) 1' DECOMPOSED GRANITE STRIP, REFER TO LANDSCAPE PLANS FOR DETAILS
- 23) CURB TERMINAL, SEE SHEET C-7.1, DETAIL 02
- 24) 5' WIDE CONCRETE SIDEWALK, PER CITY OF NORTH RICHLAND HILLS SPECIFICATIONS
- (25) COLUMNS, SEE SHEET A1.1 FOR MORE INFORMATION
- 26) NEW TRANSFORMER PAD, CONTRACTOR TO COORDINATE WITH ONCOR
- (27) 5' WIDE PAINTED PEDESTRIAN ACCESS ROUTE, SEE SHEET C-7.1 FOR STRIPING SPECIFICATIONS
- (28) PROPOSED STORM DRAIN SYSTEM, SEE SHEET C-5.0 FOR MORE INFORMATION
- (29) PROPOSED 20 L.F., DECORATIVE WALL, SEE ARCHITECTURAL SHEETS FOR MORE INFORMATION
- 30) EXISTING CONCRETE PARKING AREA TO REMAIN

SITE DATA TABLE

ZONING EXISTING LAND USE PROPOSED LAND USE

LOT AREA BUILDING SLAB BUILDING SLAB/LOT AREA PERCENTAGE BUILDING HEIGHT FRONT YARD SETBACK FRONT YARD SETBACK
LANDSCAPE SETBACK (RUFE SNOW)
PARKING REQUIRED
PARKING PROVIDED
LANDSCAPING (ON-SITE)
ON-SITE CONCRETE PAVING (PARKING AND DRIVES) CURB (ON-SITE) BUILDING PERIMETER WALK

EASEMENTS AND SETBACKS

(A) EXISTING 10' PUBLIC UTILITY EASEMENT, CAB A., SLIDE 1184

- (B) EXISTING 10' ELECTRIC EASEMENT, VOL. 11308, PG. 965, R.P.R.T.C.T. © EXISTING 15'x15' ELECTRIC EASEMENT, VOL. 11308, PG. 965, R.P.R.T.C.T.
- (D) EXISTING 15' AND VARIABLE WIDTH DRAINAGE EASEMENT, VOL. 11132, PG. 602, R.P.R.T.C.T.
- (E) EXISTING 15' DRAINAGE EASEMENT, CAB A., SLIDE 1184
- F EXISTING 20' WATER AND SEWER EASEMENT, VOL. 10518, PG. 1741, R.P.R.T.C.T.
- G EXISTING 25' BUILDING LINE

CONCRETE FLATWORK (ON-SITE)

H PROPOSED 10 ELECTRIC EASEMENT

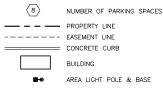
LEGAL DESCRIPTION

BEING A TRACT OR PARCEL OF LAND SITUATED IN THE J.M. VAN DUSEN SURVEY, ABSTRACT NO. 1588 IN THE CITY OF NORTH RICHLAND HILLS, TARRANT COUNTY, TEXAS AND BEING PART OF LOT 3, BLOCK 4, TAPP ADDITION, AN ADDITION TO THE CITY OF NORTH RICHLAND HILLS, AS RECORDED IN CABINET A, SLIDE 1184, PLAT RECORDS, TARRANT COUNTY, TEXAS.

C-2 WITHIN CORRIDOR OVERLAY DISTRICT EXISTING RESTAURANT NEW WHATABURGER RESTAURANT WITH DRIVE THRU SERVICE 1.2787 AC., (55,699 S.F.) 3,942 S.F. 6.4% 21 FT. 50 FT.

27 SPACES 40 SPACES 12,905 S.F 31,815 S.F 1.627 L.F

LEGEND





THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES 24—HOURS PRIOR TO COMMENCING CONSTRUCTION.



820 Ъ . OILDING SET AND I 368 OFFS 函 PT14L UNIT 36 RUFE S

JACOBS TEXAS REGISTRATION #2966 H11 CENTRAL PARKWAY NORTH, SUITE 425 SAN ANTONIO, TEXAS 78232 TEL (210) 494-0088 FAX (210) 494-4525 COPYRIGHT 02017 WCOBS ENGINEERING GROUP IN

WHATABURGER

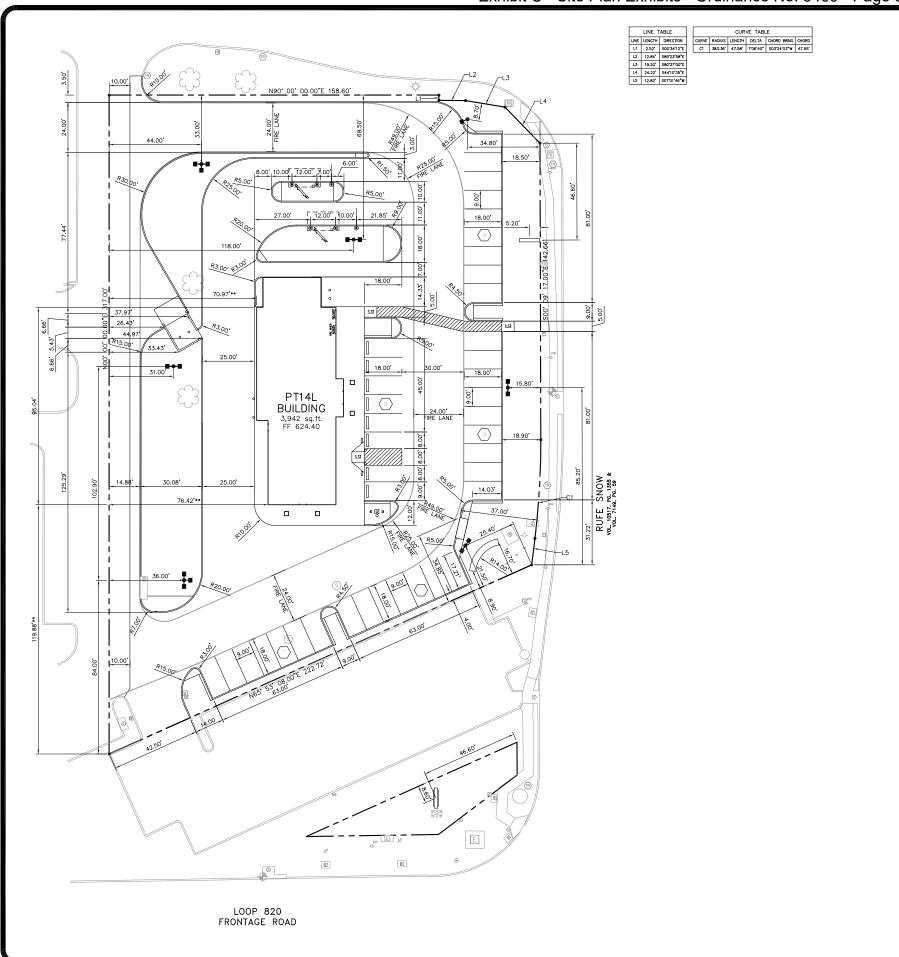
HEET TITLE: CIVIL SITE PLAN

6/6/20 SCALE: 1"=2 DRAWN BY: APPROVED BY:

C - 3.0

 \overline{S}







PT14L BUILDING TYPE UNIT 368 OFFSET RUFE SNOW AND LP 820 NORTH RICHI AND LILL OF THE

JACOBS TEXAS REGISTRATION #2966 911 CENTRAL PARKWAY NORTH, SUITE 425 SAN ANTONIO, TEXAS 78232 TEL (210) 494-0088 FAX (210) 494-4525

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WHATABURGER

DIMENSIONAL CONTROL PLAN

6/6/20 SCALE: 1"=2

2017

SUP

DRAWN BY: APPROVED BY:

C-4.0

LEGEND

3. ALL FACE OF CURB RADII ARE 5.0' UNLESS OTHERWISE NOTED.

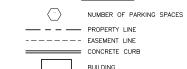
4. SEE SHEETS C-3.1 AND C-7.1 FOR CIVIL DETAILS.

1. ALL DIMENSIONS ARE TO FACE OF CURB/EOP, TO CENTER OF PAINT STRIPING OR PERPENDICULAR TO THE PROPERTY LINE, UNLESS OTHERWISE NOTED.

2. ALL DIMENSIONAL CONTROL DISTANCES FOR PARKING AREAS AND DRIVEWAYS/LANES ARE FROM FACE OF CURB/EOP. NO OFFSETS ARE GIVEN. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY QUESTIONS THAT MAY ARISE CONCERNING THE INTENT OR LIMITS OF DIMENSIONS NECESSARY FOR CONSTRUCTION OF THE PROJECT.

CONTRACTOR TO VERIFY BUILDING DIMENSIONS WITH ARCHITECTURAL AND STRUCTURAL PLANS. REFERENCE SHEET S1.1 FOR ADDITIONAL BUILDING DIMENSIONS.

**NOTE: DIMENSION SHOWN IS TO THE OUTSIDE EDGE OF THE 2X6 WALL STUD. REFERENCE SHEET S5.1 FOR ADDITIONAL BUILDING DIMENSIONS.



NOTES

AREA LIGHT POLE & BASE



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EXISTING TREE TO BE

EXISTING TREE TO BE

UC 8 CEDAR ELM (3")
Ulmus crassifolia

LIVE OAK

(4" REPLACEMENT TREE)

'SILVERADO' SAGE (7 GAL.) Leucophyllum frutescens 'Silverado' DWARF WAX MYRTLE (7 GAL.)

Myrica pusilla

Salvia greggii

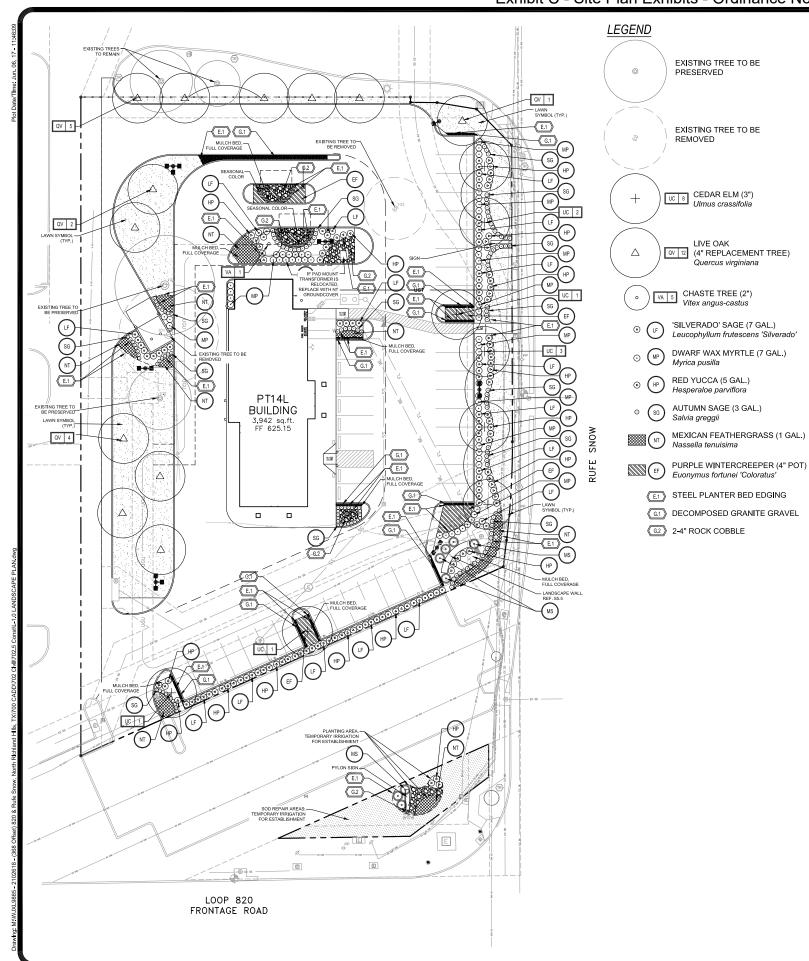
(G.2) 2-4" ROCK COBBLE

RED YUCCA (5 GAL.) Hesperaloe parviflora

AUTUMN SAGE (3 GAL.)

E.1 STEEL PLANTER BED EDGING (G.1) DECOMPOSED GRANITE GRAVEL

MEXICAN FEATHERGRASS (1 GAL.)



LANDSCAPE REQUIREMENTS - NORTH RICHLAND HILLS, TX

TOTAL SITE AREA: 57,432 SF RUFE SNOW: 226 LF PARKING SPACES: 41

REQUIRED	PROVIDED
1. LANDSCAPE AREA: 57,432 x .15 = 8,615 SF LANDSCAPED AREA	1. 12,259 SF PROVIDED
2. LANDSCAPE AREA SETBACK (RUFE SNOW): 15' LANDSCAPE SETBACK -REQUIRED TREES: 1 TREE PER 50 LF OF FRONTAGE (226 / 50 = 4.52) 5 TREES REQUIRED -REQUIRED SHRUBS: 10 SHRUBS PER 50 LF OF FRONTAGE (226 / 50 = 4.52 x 10 = 46) 46 SHRUBS REQUIRED	2. 15' LANDSCAPE SETBACK PROVIDED -5 TREES PROVIDED ALONG RUFE SNOW -126 SHRUBS PROVIDED ALONG RUFE SNOW
3. PARKING LOT SCREENING: LARGE SHRUBS PLANTED MAX. 36" O.C. WITH MIN. HEIGHT OF 30"	3. PROVIDED
4. PARKING LOT LANDSCAPING: -REQUIRED TREES: 1 TREE PER 20 PARKING SPACES (41 / 20 = 2.05) 3 TREES IN ISLANDS REQUIRED - PARKING ENTRANCE ISLANDS SHALL BE PLANTED WITH SMALL SHRUBS -NO PARKING MORE THAN 100 LF FROM A LARGE TREE -5% OF THE PARKING AREA TO BE LANDSCAPED (25,815 x .05 = 1,791 SF PARKING LOT LANDSCAPE AREA	4. 3 TREES IN ISLANDS PROVIDED LANDSCAPED PARKING ENTRANCE PROVIDED NO PARKING MORE THAN 100 LF FROM LARGE TREE 5,500 SF PARKING LOT LANDSCAPE PROVIDED
5. HARDSCAPE (ALONG RUFE SNOW): -LOW WALL: 30 SF STONE FACADE PER 50 SF FRONTAGE (226 / 50 = 4.52 x 30 = 136 SF REQUIRED	5. 136 SF PROVIDED 3'H x 3'W x 20'L = 138 SF FACADE

TREE MITIGATION CHART

TREE NUMBER	TREE TYPE	PRESERVE / REMOVE	TREE SIZE (CAL.)		
100	100 OAK PRESERVE				
101 OAK REMOVE			30"		
102	OAK	PRESERVE	24"		
103	OAK	REMOVE	16"		
TOTAL INCHES RE	46				
TOTAL INCHES TO	46				
PROPOSED REPLA	48				
REMAINING INCHES TO BE PAID TOWARDS CITY'S REFORESTATION FUND			0		

NOTES:

- 1. SEE SHEET L-1.1 FOR PLANTING SCHEDULE AND DETAILS.
- 2. ALL SCREENING SHRUBS SHALL BE PLANTED A MINIMUM OF TWO FEET FROM THE BACK OF CURB.

 3. ALL PARKING ISLAND SHRUBS SHALL BE PLANTED A MINIMUM OF TWO AND A
- HALF FEET FROM THE BACK OF CURB.
- ALL TREES SHALL BE PLANTED A MINIMUM OF FIVE FEET FROM UNDERGROUND UTILITY LINES.
- 5. ALL AREAS OUTSIDE OF PROPERTY LINE DUE TO CONSTRUCTION ACTIVITIES TO BE RE-VEGETATED WITH SOD, UNLESS OTHERWISE NOTED, REPAIR AREAS TO RECEIVE TEMPORARY IRRIGATION, IF NECESSARY, UNTIL VEGETATION IS ESTABLISHED UNLESS OTHERWISE DIRECTED BY OWNER.



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Ъ PT14L BUILDING T UNIT 368 OFFSET RUFE SNOW AND LF

JACOBS TEXAS REGISTRATION #2966 911 CENTRAL PARKWAY NORTH,

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Whataburger

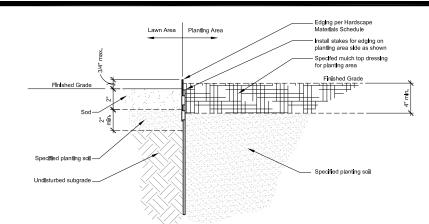
LANDSCAPE PLAN

SCALE:

DRAWN BY:



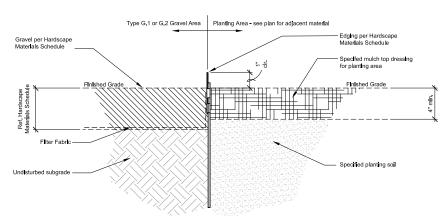
SUP



Lawn Area / Planting Area

TYPICAL PLANTING BED EDGE

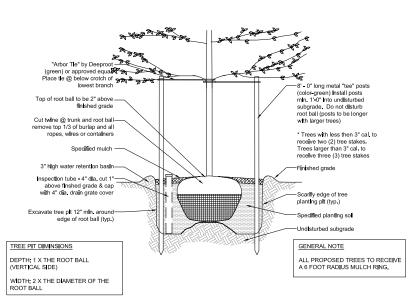
SECTION SCALE: 3" = 1'-0'



Type G.1 or G.2 Gravel / Planting Area

TYPICAL GRAVEL EDGE (2) SECTION

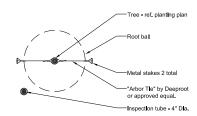
SCALE: 3" = 1'-0"

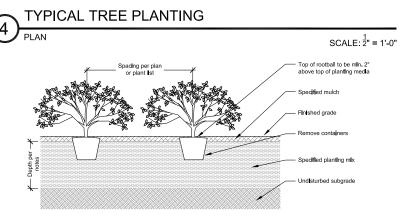


TYPICAL TREE PLANTING 3

SECTION SCALE: ½" = 1'-0"

PLANT MATERIALS SCHEDULE TREES ROOTBALL SYMBOL QTY COMMON / Scientific CAL. HEIGHT SPREAD NOTES Min. caliper for replacement trees is 3* and min. height is 7' measured 12* from the base of trunk; full symmetrical canopy. QV 12 Container grown; height measure 6" from the base of trunk; full symmetrical canopy. Min 5' Clear 3" min 12-14' 5' min. N/A UC 8 CEDAR ELM Container grown; height measur 6* from the base of trunk; full symmetrical canopy. 2" min N/A 24" min. dia. 15½" min. depth VA 1 SHRUBS SYMBOL QTY COMMON / Scientific SIZE HEIGHT SPREAD SPACING NOTES Full plant, container grown Full plant, container grown DWARF WAX MYRTLE 7 gal 18-24" 18-24" RED YUCCA/ Hesperaloe parviflor 5 gal 18-24* 18-24* Full plant, container grown 18-24" 18-24" SILVERADO SAGE/ Full plant, container grown AUTUMN SAGE/ Salvia greggii 3 gal 12-18" 12-18" **GROUNDCOVERS** SYMBOL COMMON / Scientific SIZE HEIGHT SPREAD SPACING SF NOTES Full plant, container grown MEXICAN FEATHERGRASS/ 6-12" Full plant, container grown 6-12* SEASON/ COLOR Full plant, container grown 4" pot approx. 130 SF GRASSES SYMBOL COMMON / Scientific SIZE HEIGHT SPREAD SPACING SF NOTES approx.6,900 SF HARDSCAPE MATERIALS SCHEDULE NOTES QTY DESCRIPTION COLOR **FINISH** PLANTER BED EDGE; STEEL EDGING $\frac{1}{6}$ " BY 4" AS MANUFACTURED BY JOSEPH RYERSON CO, INC OR APPROVED EQUAL (E.1) STANDARD GREEN (G.1) approx. 345 SF DECOMPOSED GRANITE GRAVEL Well compacted COLORADO COBBLE VARIEGATED (G.2) approx. 250 SF 6" depth 2"-4" AS SOLD BY TEX-ART STONE





TYPICAL SHRUB PLANTING

SCALE: $\frac{3}{4}$ " = 1'-0"

GENERAL NOTES

- . CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND MARKING OF ALL UNDERGROUND OR ABOVE GROUND UTILITIES

- 1. CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND MARKING OF ALL UNDERGROUND OR ABOVE GROUND UTILITIES WITHIN THE PROJECT.

 2. PROPOSED LANDSCAPING IS TO BE INSTALLED AS PER LOCAL CITY ORDINANCES AND CODES.

 3. ALL LANDSCAPE AREAS TO BE IRRIGATED AS SHOWN ON IRRIGATION PLAN.

 4. LANDSCAPE AREAS SHALL BE KEPT FREE OF TRASH, LITTER, WEEDS AND OTHER MATERIALS OF PLANTS NOT A PART OF THE ORIGINAL LANDSCAPING.

 5. ALL LANDSCAPE AREAS SHALL BE PROTECTED FROM VEHICULAR TRAFFIC THROUGH THE USE OF CONCRETE CURBS, WHIELL STOPS OR OTHER PERMANENT BARRIERS.

 6. ALL LANDSCAPE AREAS SHALL BE FROTECTED, INSTALLED, AND MAINTAINED SO AS NOT TO DESTRUCT WEW OF MOTORISTS BETWEEN THE STREET AND ACCESS DRIVES, VISIBILITY TRIANGLES, AS DEFINED BY LOCAL ORDINANCE, SHALL REMAIN UNDESTRUCTED AT ALL TIMES.

 7. ALL PERMEABLE SURFACES NOT OCCUPIED BY TREES, SHRUBS, PLANTING BEDS, SIGNS, AND OTHER PERMITTED ITEMS OR FIXTURES SHALL BE SOD UNLESS NOTED OTHERWISE.

 8. REFERENCE ARCHITECTURAL AND CIVIL PLANS FOR DETAILED BUILDING LAYOUT, RAMPS, STAIRS AND WALKS.

 9. REFERENCE ARCHITECTURAL AND CIVIL PLANS FOR DETAILED BUILDING LAYOUT, RAMPS, STAIRS AND WALKS.

 10. FINAL LOCATION OF PLANT MATERIAL MAY VARY DUE TO ACTUAL FIELD CONDITIONS AND PROPOSED GRADES. GENERAL INTENT SHALL BE MET.

 11. EXISTING TREES TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION BY METHODS REQUIRED BY THE CITY.

 12. THE PROPERTY OWNER, TENANT OR AGENT, SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL REQUIRED LANDSCAPING, IN AND SAS SHALL BE KETP FREE OF TRASH, LITTER, WEEDS AND OTHER SUCH ADDITIONS OF THE MAINTENANCE OR LANDSCAPING, IN ARGAIN, REGUIRED BY THE CITY.

 12. THE PROPERTY OWNER, TENANT OR AGENT, SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL REQUIRED BY THE CONTRACTOR WARRANTIES HAVE EXPIRED AND ALL REPLACEMENTS HAVE BEEN MADE AND ACCEPTED BY THE OWNERS REPRESENTATIVE, IRRIGATION, WEEDING, AND OTHER SUCH ACTIVITIES COMMON TO THE MAINTENANCE OR LANDSCAPING, LANDSCAPED AREAS SHALL BE KETP FREE OF TRASH, LITTER, WEEDS AND OTHER SUCH MATERIALS NOT A PART OF THE

PLANTING NOTES

- ALL PLANT MATERIAL SHALL CONFORM TO THE SIZES GIVEN IN THE PLANT LIST AND SHALL BE NURSERY GROWN IN ACCORDANCE WITH THE AMERICAN STANDARD FOR NURSERY STOCK, LATEST EDITION, PUBLISHED BY AMERICAN ASSOCIATION OF NURSERYMEN, (AAN).
 IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN ON THE PLAN AND QUANTITIES SHOWN ON THE PLANT LIST. THE QUANTITIES ON THE PLAN SHALL APPLY.
 OBTAIN APPROVAL FROM LANDSCAPE ARCHITECT'S OR OWNER'S REPRESENTATIVE BEFORE MAKING ANY SUBSTITUTIONS OR CHANGES.

- 1. CONTRACTOR SHALL OBTAIN AT THE CONTRACTOR'S COST AN AGRICULTURAL SUITABILITY SOIL ANALYSIS OF THE CONTRACTOR SHALL OBTAIN, AT THE CONTRACTOR'S COST, AN AGRICULT OFFALS STITABLELITY SOLE AWARTSED OF THE ON-SITE TOPSOIL FOR THEY ESTABLISHMENT FROM A CERTIFIED SOIL TESTING LABORATORY. CONTRACTOR SHALL AMEND EXISTING TOPSOIL PER THE RECOMMENDATION OF THE ANALYSIS TO THE OWNER'S ACCEPTANCE, EXISTING TOPSOIL ANALYSIS AS WELL AS A SECONDARY TEST ON AMENDED SOILS SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR APPROVAL.
- FOR APPROVAL.

 5. ALL PLANTING SOIL, RATHER OBTAINED USING ON-SITE SOILS AND AMENDING THEM TO MEET THE FOLLOWING SPECIFICATIONS, OR BROUGHT IN FROM OFF-SITE, SHALL BE "SANDY LOAM" AS DETERMINED BY THE MECHANICAL ANALYSIS, (ASTM D422) AND BASED ON THE USDO CLASSPICATION SYSTEM. IT SHALL BE OF UNION COMPOSITION WITHOUT THE ADMIXTURE OF SUBSOIL AND BE NATURAL, FRIABLE, FERTILE, WITH A PH RANGE OF 6.0-5.5, AND FREE OF TRASH, DEBRIS, STONES, WEEDS, AND TWIGS OR BRANCHES. 1009. SHALL PASS THROUGH A 1-NO-FOREEN AND BE COMPRISED OF 40-50% SAND, 30-40% SILT, AND 10-30% CLAY. THE SOIL SHALL BE MIXED WITH ORGANIC MATTER AT A ONE TO FIVE RATIO ONE PART ORGANIC MATTER AND 5 PARTS SOIL.

 6. ALL SOD AREAS TO CONTAIN A MIN 4-INCH DEPTH OF PLANTING SOIL PRIOR TO INSTALLATION. ALL PLANTING BEDS TO BE A MINIMUM OF 2-FEET DEEP FOR SHRUBS AND 3-FEET DEEP FOR THEES.

 7. ALL PLANT BEDS TO BE MULCHED TO A DEPTH OF 4-INCHES UNILESS OTHERWISE NOTED ON DRAWNINGS, MULCH SHALL BE A HIGH OLD HEY DOUBLE REQUININ PREVIOUN HIM HAD BY SHALL BE A LIFE HIGH OLD HEY DEVEN PED OR ACK BUT SHALL BE A HIGH OLD HIM HAD BY THE AND AND SHALL BE A LIFE HIGH OLD HEY DEVEN PED OR ACK BUT SHALL BE A HIGH OLD HIM HAD BY THE AND A THE AND A SHALL BE A LIFE HIGH OLD HER AND A SHALL BE A LIFE HIGH OLD HIM HAD BY THE AND A SHALL BE A LIFE HIGH OLD HE ARE AND A SHALL BE A LIFE HIGH OLD HIM HAD BY THE MED AND A SHALL BE A LIFE HIGH OLD HEY DEVEN PED OR ACK BUT SHALL BE A LIFE HIGH OLD HE AS A LIFE HIGH OLD A LIFE HIGH OLD HE AND A SHALL BE A LIFE HIGH OLD A LIFE HIGH OLD A LIFE HIGH OLD A LIFE AND A LIFE HIGH OLD A LIFE AND A LIFE HIGH OLD A LIFE AND A LIFE HIGH OLD A LI
- HIGH QUALITY, DOUBLE-GROUND, PREMIUM HARDWOOD MULCH. IT SHALL NOT BE DYED RED OR BLACK, BUT SHALL BE A NATURAL BROWN COLOR. MULCH SHALL HAVE BEEN AGED FOR A MINIMUM OF SIX MONTHS AND NOT LONGER THAN TWO YEARS. MULCH SHALL BE SHREDDED TO A UNIFORM SIZE; FREE OF DIRT, DEBRIS AND FOREIGN MATTER; WITH PIECES NO THICKER THAN X-INCH OR LARGER THAN 2-INCHES IN ANY DIRECTION. MULCH MUST BE FREE OF STRINGY MATERIAL OR CHUNKS OVER 3-INCHES IN SIZE AND SHALL NOT CONTAIN, IN THE JUDGMENT OF THE OWNER'S REPRESENTATIVE, AN EXCESS OF FINE PARTICLES.
- 8. SLOW RELEASE FERTILIZERS, AS RECOMMENDED BY THE SOIL TESTING LAB. SHALL BE USED PER MANUFACTURER
- RECOMMENDATIONS. 9. CONTRACTOR SHALL SUBMIT SAMPLES OF PLANTING SOIL, MULCH, FERTILIZER, AND GRAVEL FOR APPROVAL BY OWNER'S
- 10. PLANT MATERIALS LOCATION TO BE STAKED IN THE FIELD AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO
- 11. ALL AREAS DISTURBED BY PLANTING OPERATIONS SHALL BE FINE GRADED.
- 12. ALL PLANT BEDS SHALL BE CONTAINED WITH STEEL EDGING.
 13. ALL LANDSCAPA REAS TO BE WEED FREE AT TIME OF FINAL ACCEPTANCE. HERBICIDE SHALL BE APPLIED PER MANUFACTURER'S RECOMMENDATIONS.



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LANDSCAPE DETAILS

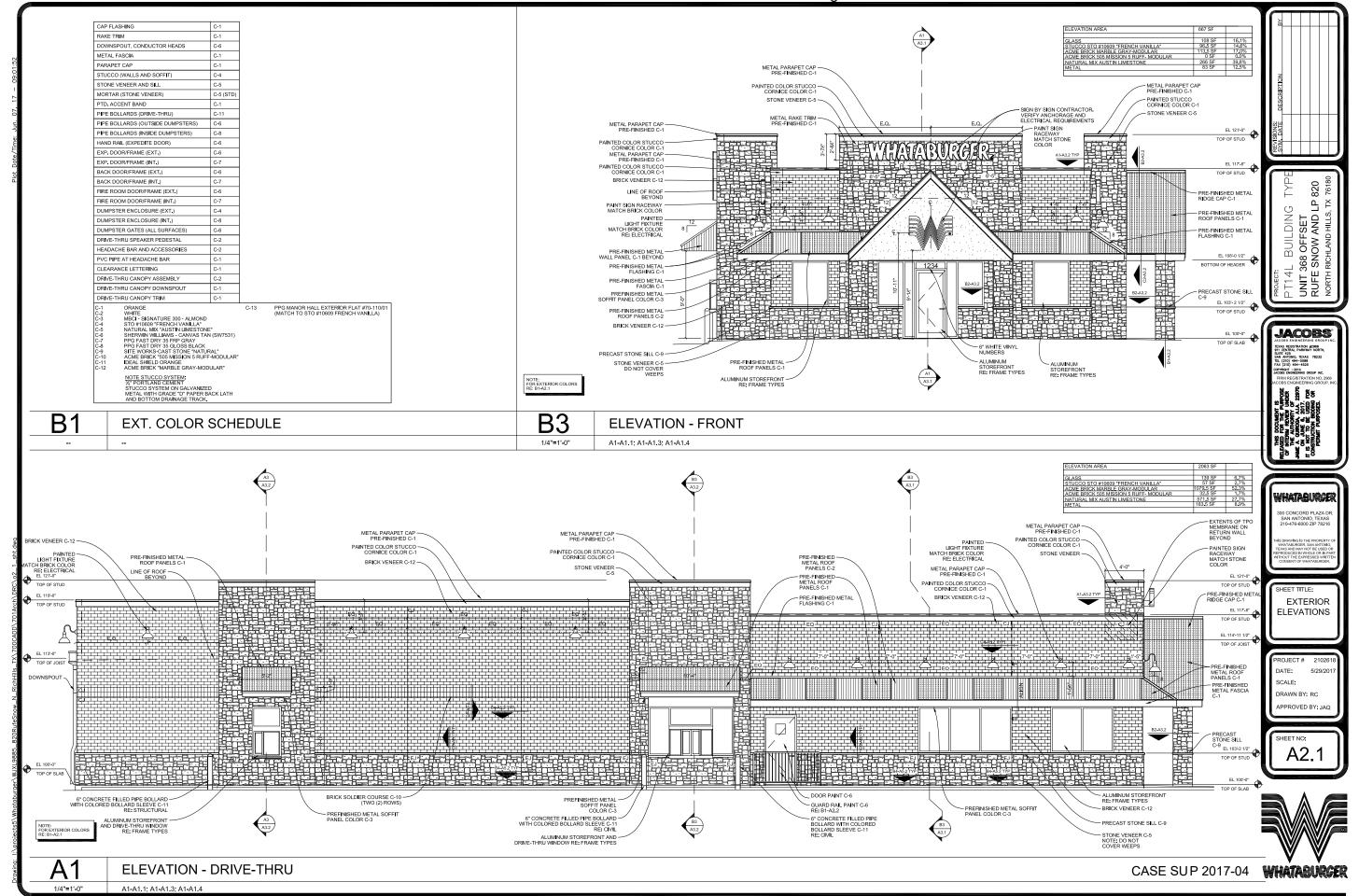
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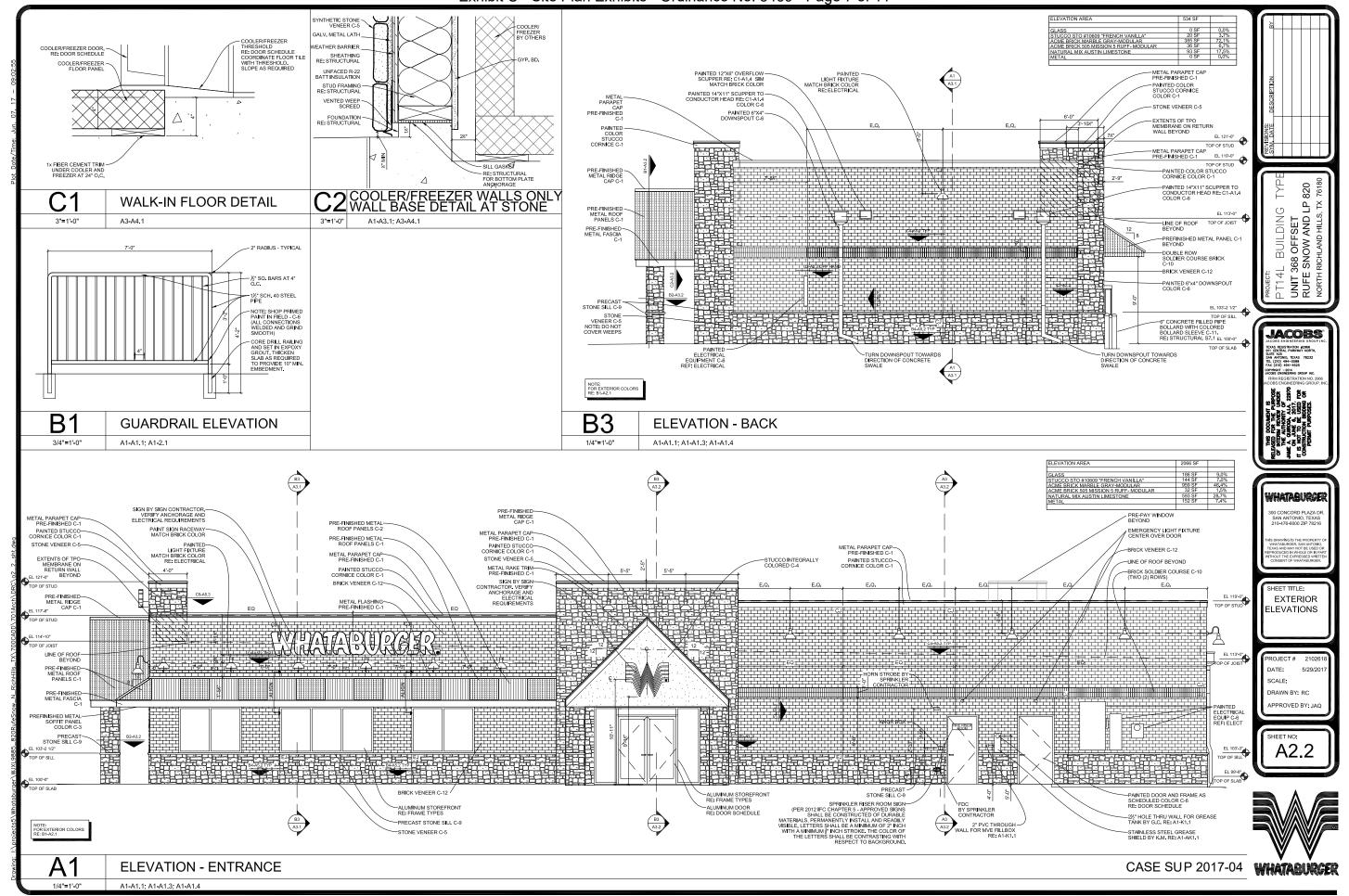
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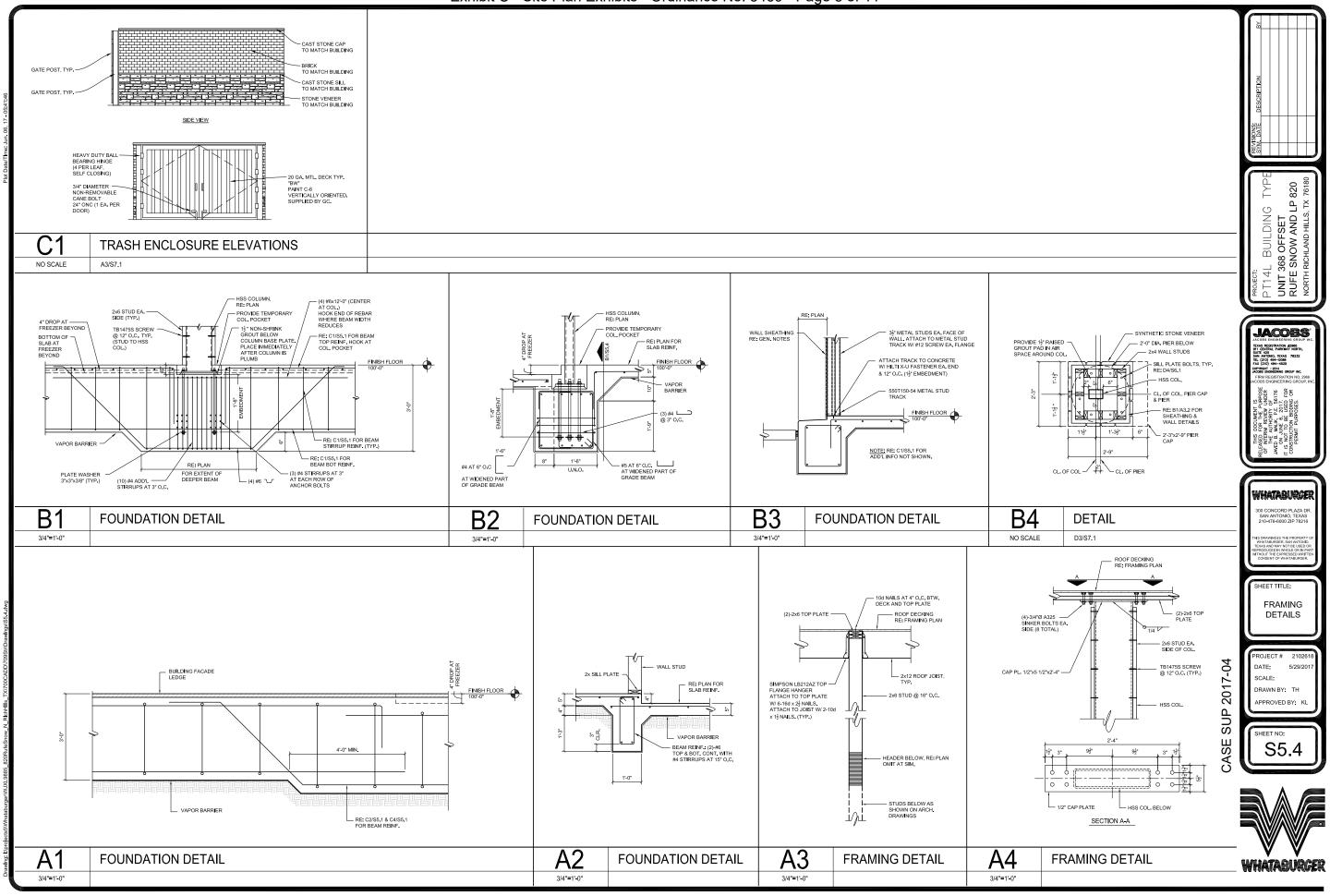
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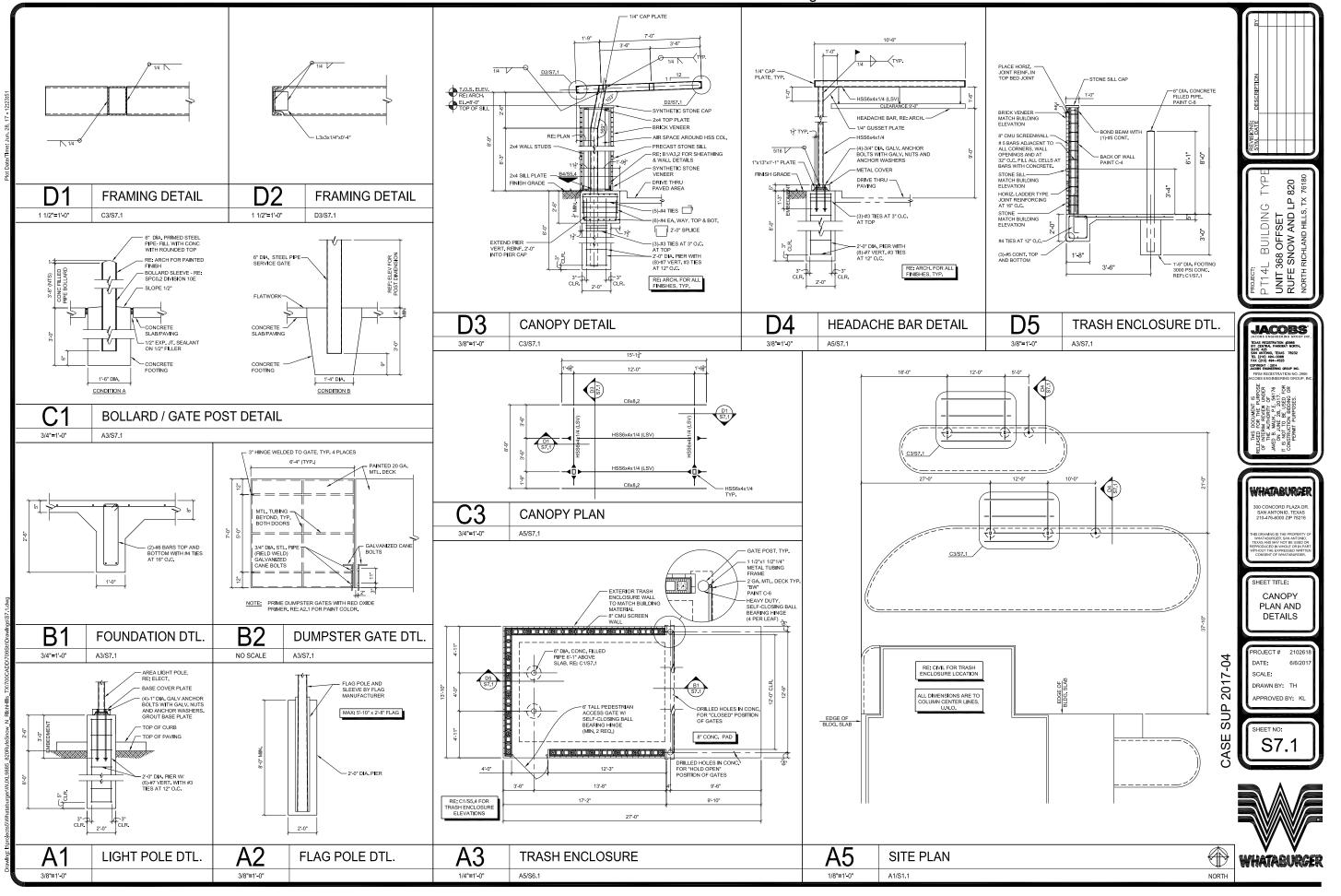


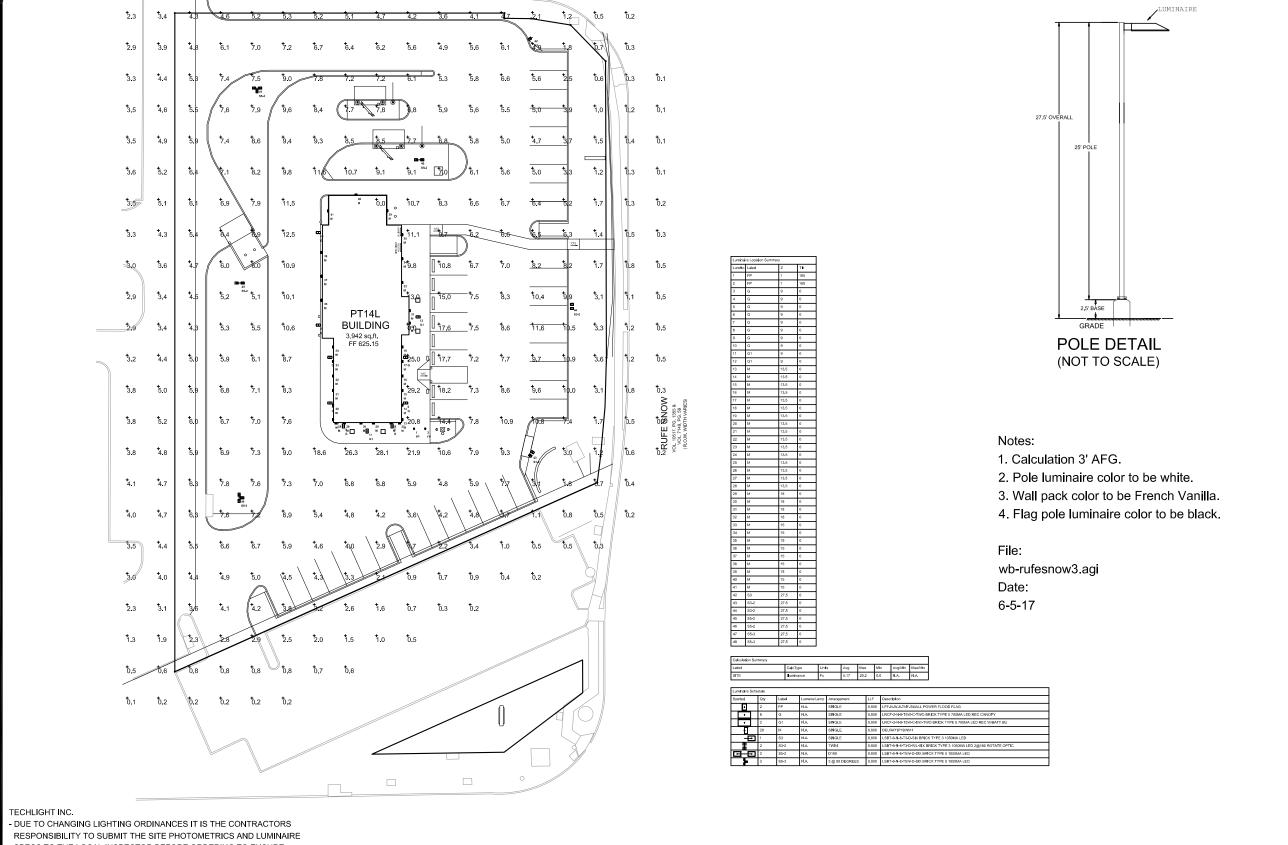
GRAPHIC SCALE: 1"=20 THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE MIGHT BE OCCASIONED BY HIS FAILURE TO EXACILIT LOCALE
AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES
24—HOURS PRIOR TO COMMENCING CONSTRUCTION.







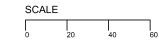




SPECS TO THE LOCAL INSPECTOR BEFORE ORDERING TO ENSURE THIS PLAN COMPLIES WITH LOCAL LIGHTING ORDINACES.

THIS LIGHTING DESIGN IS BASED ON INFORMATION SUPPLIED BY OTHERS. CHANGES IN ELECTRICAL SUPPLY, AREA GEOMETRY AND OBJECTS WITHIN THE LIGHTED AREA MAY PRODUCE ILLUMINATION VALUES DIFFERENT FROM THE PREDICTED RESULTS SHOWN ON THIS LAYOUT.

THIS LAYOUT IS BASED ON IES FILES THAT WERE LAB TESTED OR COMPUTER GENERATED. ACTUAL RESULTS MAY VARY.





BUILDING TYPE

JACOBS

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