

DEVELOPMENT APPLICATION

City of Rockwall Planning and Zoning Department 385 S. Goliad Street Rockwall, Texas 75087

STAFF USE ONLY -	
PLANNING & ZONING CAS	E NO.
NOTE: THE APPLICATION IS	NOT CONSIDERED ACCEPTED BY THE
CITY UNTIL THE PLANNING	DIRECTOR AND CITY ENGINEER HAVE
SIGNED BELOW.	
DIRECTOR OF PLANNING:	
CITY ENGINEER:	

My Commission Expires 56-14-2021

Please check the ap	propriate box below to indicate the type of devi	elopment request [S	ELECT ONLY ON	IE BOX1:		
Platting Application [] Master Plat (\$1 [] Preliminary Plat [] Final Plat (\$300.00 [] Replat (\$300.00 [] Amending or M [] Plat Reinstaten Site Plan Application [X] Site Plan (\$250	on Fees: 100.00 + \$15.00 Acre) ¹ 1t (\$200.00 + \$15.00 Acre) ¹ 10.00 + \$20.00 Acre) ¹ 10 + \$20.00 Acre) ¹ 11 Ainor Plat (\$150.00) 12 nent Request (\$100.00)	Zoning Application Fees: [] Zoning Change (\$200.00 + \$15.00 Acre) ¹ [] Specific Use Permit (\$200.00 + \$15.00 Acre) ¹ [] PD Development Plans (\$200.00 + \$15.00 Acre) ¹ Other Application Fees: [] Tree Removal (\$75.00) [X] Variance Request (\$100.00) Notes: ¹: In determining the fee, please use the exact acreage when multiplying by the per acre amount. For requests on less than one acre, round up to one (1) acre.				
PROPERTY INFO	RMATION [PLEASE PRINT]					
Address	1408 S. GOLIAD, ROCKWA	LL TX 75087				
Subdivision	Heritage Christian Academy Addition		Lot	1	Block	а
General Location	Damascus RD & S. Goliad St.					
ZONING, SITE PL	AN AND PLATTING INFORMATION [PLE	ASE PRINT]				
Current Zoning	MF-14	Current Use	PRIVA	TE SCH	OOL	
Proposed Zoning	NO CHANGE	Proposed Use	NO CH	HANGE		
Acreage	6.641 Lots [Current]	1	Lots	[Proposed]	1	
[X] SITE PLANS AND	PLATS: By checking this box you acknowledge that due t	o the passage of <u>HB316</u>	7 the City no longe	er has flexibility	with regard t	to its approva
	re to address any of staff's comments by the date provided					
	ANT/AGENT INFORMATION [PLEASE PRINT] HERITAGE CHRISTIAN ACADEMY	CHECK THE PRIMARY CO	ONTACT/ORIGINAL Craddock A		RE REQUIRED]
[] Owner	Brad Helmer Ed.D. Head of School		Phil Craddo			
Contact Person		Contact Person	P.O. Box #			
Address	1408 S. Goliad	Address	P.O. BOX #	100		
City, State & Zip	Rockwall, TX 75087	City, State & Zip	Rockwall, T	X 75087		
Phone	972-772-3003	Phone	214-952-0			
E-Mail	bhelmer@hcarockwall.org	E-Mail		addockarchi	tecture.co	m
Before me, the undersig this application to be tru	e and certified the following:	Helmer	[Owner] the uni	dersigned, who	stated the in	
cover the cost of this app that the City of Rockwa	m the owner for the purpose of this application; all informa plication, has been paid to the City of Rockwall on this the Il (i.e. "City") is authorized and permitted to provide information submitted in conjunction with	day of <u>locce</u>	this application to	the public. The ociated or in res	ning this appli c City is also o	authorized and quest for publi
Given under my hand an	d seal of office on this the day of	der, 20 20.		My Not	ery ID # 1311 res June 14, 2	71630

Notary Public in and for the State of Texas





City of Rockwall

Planning & Zoning Department 385 S. Goliad Street Rockwall, Texas 75032 (P): (972) 771-7745 (W): www.rockwall.com The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and fitness for a particular purpose. Use of the information is the sole responsibility of the user.







Letter of Variance Requests

12/16/2020

Attn: ARB and Planning and Zoning

Re: Development of new HCA Gym and Classroom Building at 1408 S. Goliad St. Rockwall TX 75087

This is a Private School, The Existing Buildings are Set back off S. Goliad St. (205) along Damascus Road. The Existing Campus consists of 3 different buildings each with their own Architectural Vernacular. The New Facility is a 22,351 SF building with a Gym, 6 Classrooms and Locker rooms. The intent is that the new Building will allow HCA to remove the Portable Buildings in the back of the site and utilize the new Classrooms as well as the Gym.

The Site touches the Overlay district of 205 so we will be requesting several variances to the Development Ordinance. The existing zoning on the Site is MF-14 at 6.641 Acres.





The Building above is the most recent
With the original being top right and then
The Bottom right coming in between.
The Basis for the requested variance is the
Eclectic and very different design styles
Of the campus. Our intent was to design
A New Modern Gym / Classroom building
With elements that could be carried over



To the existing buildings at a later date.

The Design of the New building is intended to incorporate a Blend of the Tan Bricks as the main field with Dark Gray Velour textured brick. The Top portion incorporates some Architectural Metal panel and Red Accent Stripes reflective of the Schools Colors.





Developments within the MF-14 Shall conform to Sub. 1.01 Gen. Commercial District and 7.02 Multi Fam. District Standards.

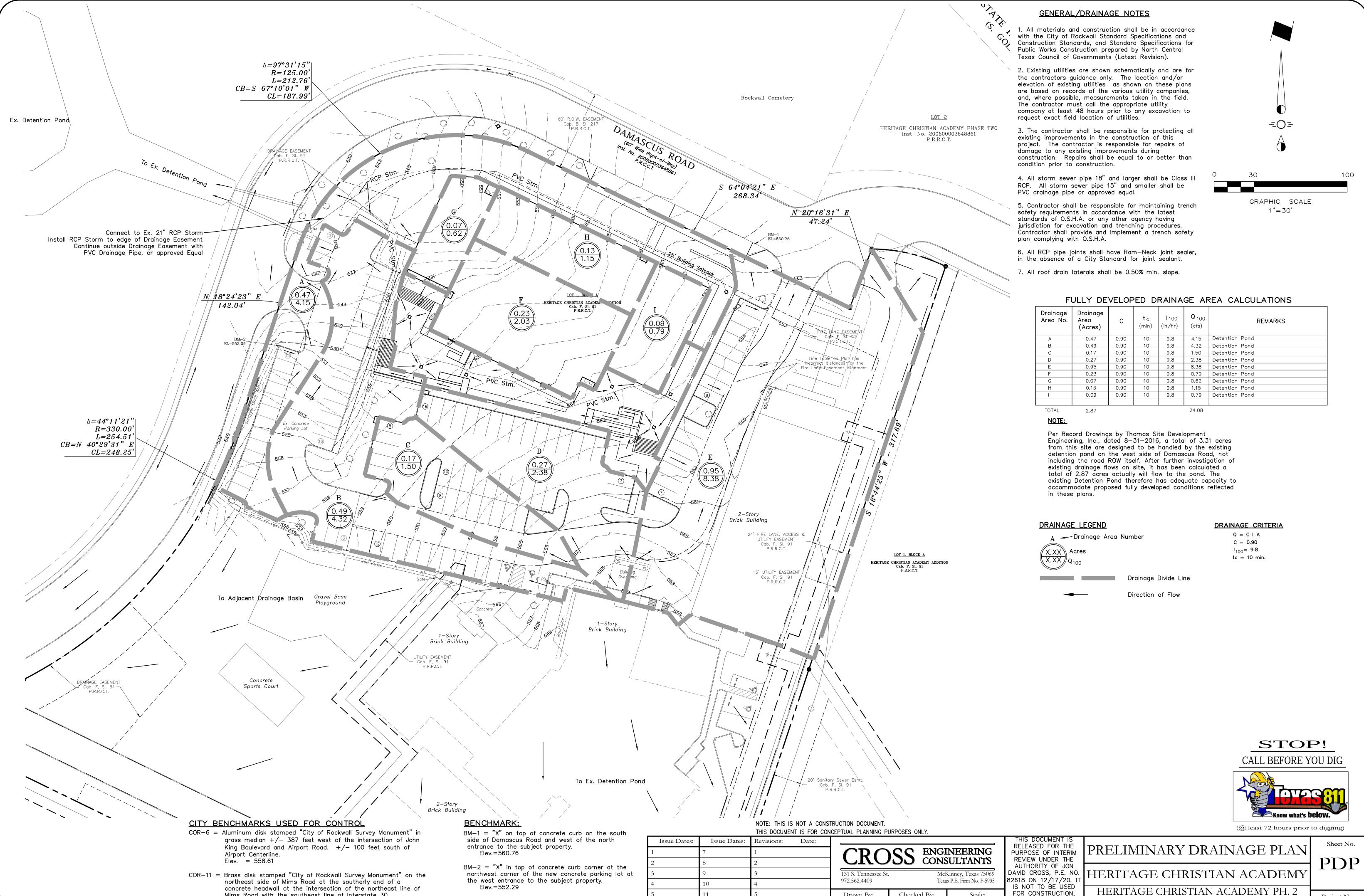
Variances Requested:

- 1. Sec. 04 (A) Construction Standards
 - a. Articulation Standards The Facades don't meet the Articulation standards. The building is broken up with Material colors and roof planes. This is a Private School and not a Commercial Building open to the Public. The last building added to the Site does not have any Articulation.
 - b. Roof Pitch Sloped roofs by ordinance should be 6:12
 - i. We are Requesting 4:12 pitch on the Main Roof and then a 1:12 pitch on the low roof at the locker rooms and forming the porch areas. A steep pitch will only increase the visibility and is really not feasible over a Gymnasium. A Flat roof would not have as nice of a look as the building designed.
 - ii. The intent is to infill the lot to provide a new Classroom and Gym Facility that will enable the school to eliminate the portable buildings therefore it is important to maximize the footprint of the Structure.
 - iii. The Compensatory measure 1, is to add Additional Canopy and Accent Trees on the North and South side of the Building.
 - iv. The Compensatory measure 2, is to provide Natural stone at the Base of the Building foundation wall and on all of the Retaining walls
- 2. Overlay District Material Standards
 - a. The Standards require 20% Natural Stone with a 90% Masonry and 10% Secondary material Requirement. The Existing Buildings are 100% masonry and do not have stone. In order to provide a Modern Design with the use of some metal panel and a varied color and material façade we are requesting a Variance to the Material Standards.
 - The Compensatory measure 1, is the Plaza Space in front of the Main entry to the Gym as well as the green space between the building and the Retaining wall.
 - ii. The Compensatory measure 2, is the Display windows and varied roof heights provided.

Thank you for considering our Variance Requests, we do feel like this building will make a Nice New Aesthetic for the Campus as we continue to grow.

Sincerely,

Craddock Architecture, PLLC & Heritage Christian Academy.



Mims Road with the southeast line of Interstate 30.

Elev. = 595.98

Project No. 20051

CITY OF ROCKWALL, TEXAS

FOR CONSTRUCTION,

BIDDING, OR PERMIT

PURPOSES.

Drawn By:

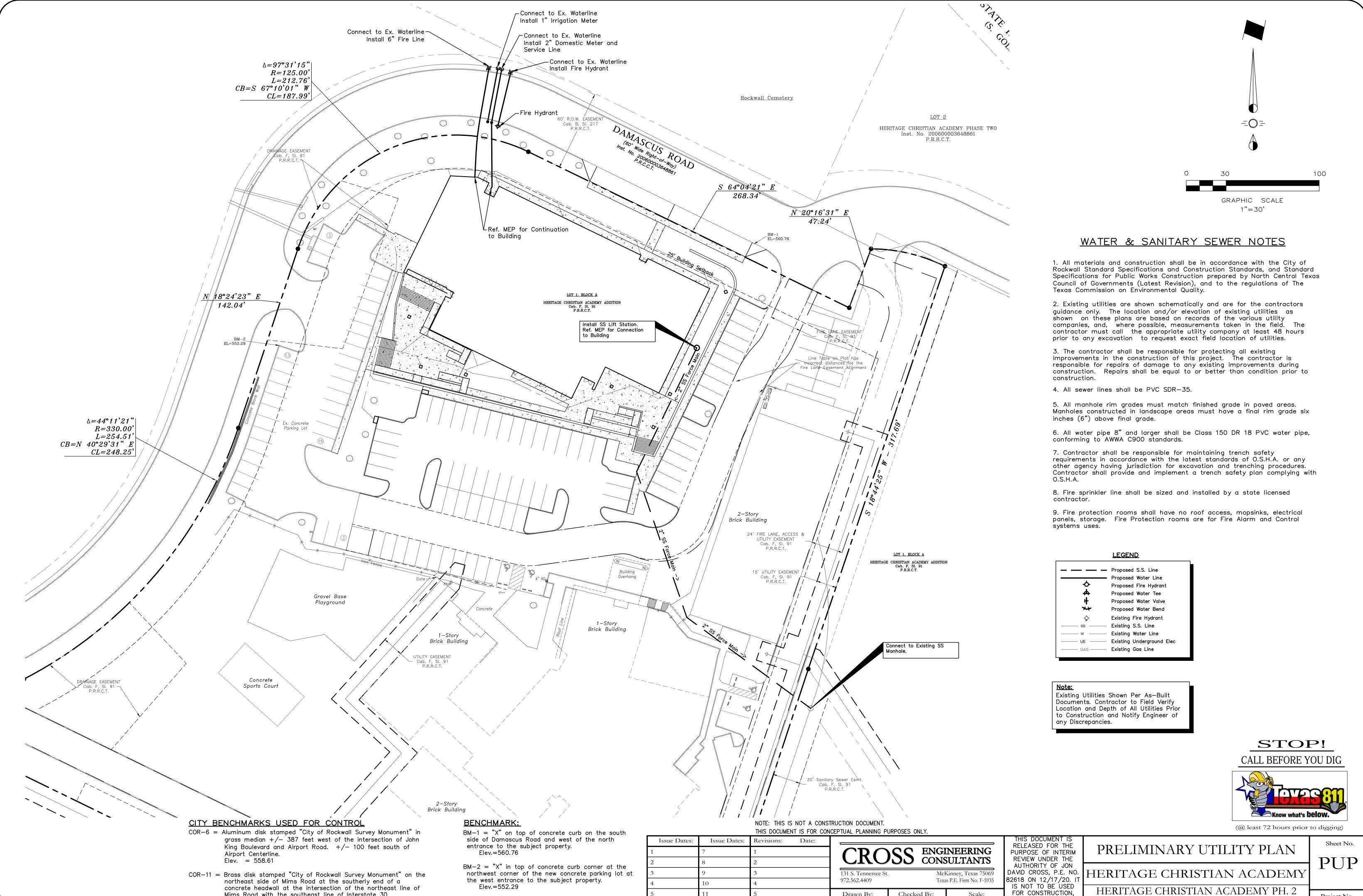
C.E.C.I.

Checked By:

C.E.C.I.

Scale:

1"=30'



Drawn By:

C.E.C.I.

Checked By:

C.E.C.I.

Scale:

1"=30'

BIDDING, OR PERMIT

PURPOSES.

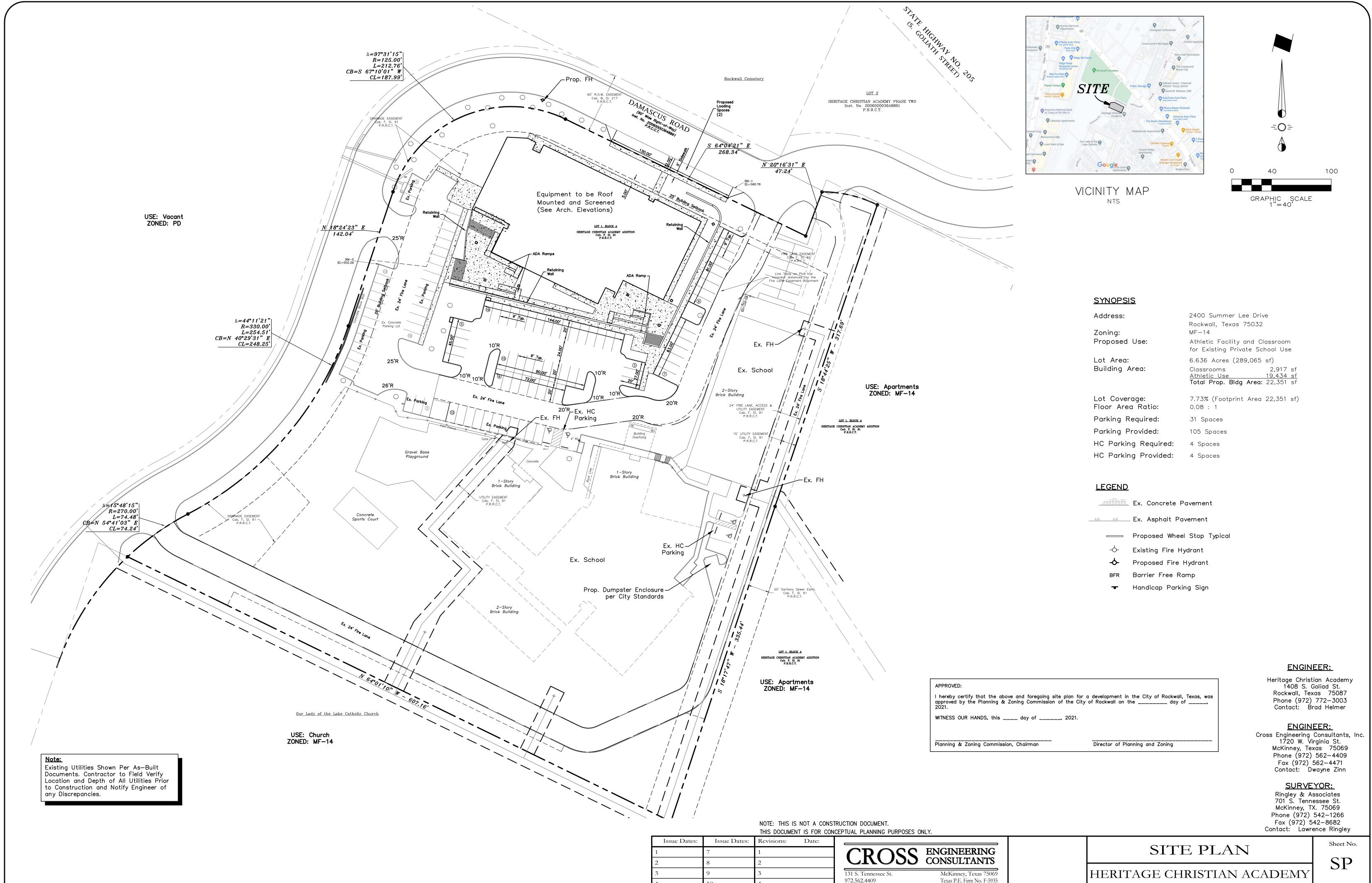
Mims Road with the southeast line of Interstate 30.

Elev. = 595.98

Project No.

20051

CITY OF ROCKWALL, TEXAS



Drawn By:

C.E.C.I.

Checked By:

C.E.C.I.

Scale:

1"=30'

Project No.

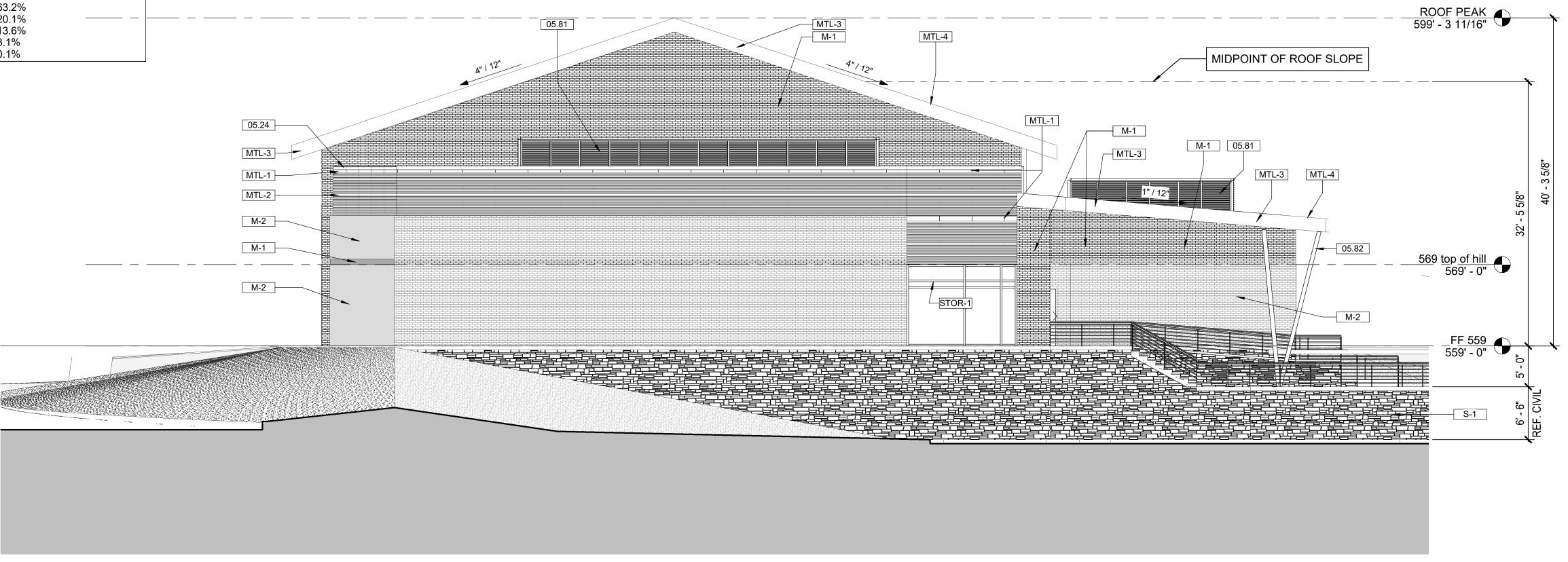
20051

HERITAGE CHRISTIAN ACADEMY PH. 2

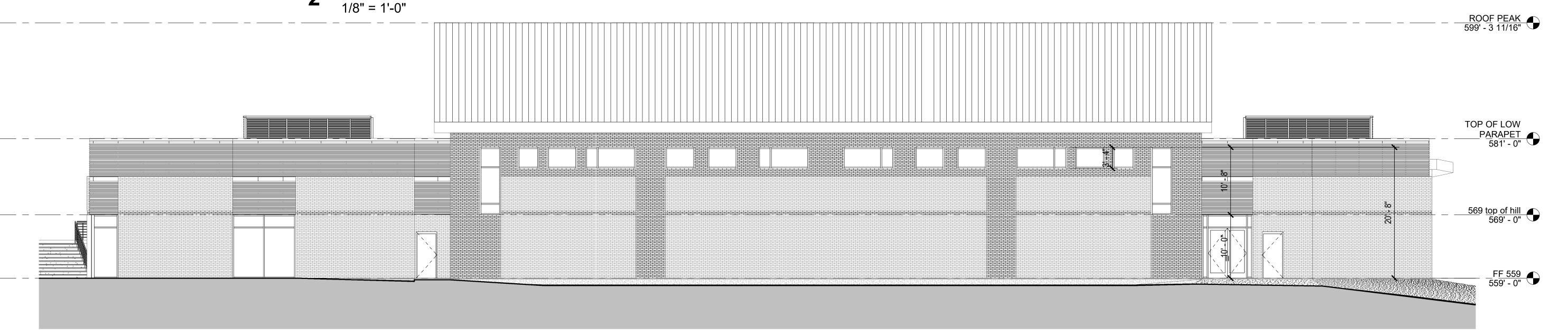
CITY OF ROCKWALL, TEXAS

MATERIAL CALCULATIONS					
			AREA		%
NORTH ELEVATION			4,773		
	MASONRY				
		BRICK	3,483	73.0%	
		STONE	0	0.0%	
	METAL		731	15.3%	
	WINDOWS		511	10.7%	
	DOORS		48	1.0%	
EAST ELEVATION			3,460		
	MASONRY		0, 100		
		BRICK	2.330	67.3%	
		STONE	,	0.0%	
	METAL	0.0.12	693	20.0%	
	WINDOWS		437	12.6%	
	DOORS		0	0.0%	
SOUTH ELEVATION			5,316		
	MASONRY		,		
		BRICK	3,828	72.0%	
		STONE		4.7%	
	METAL		574	10.8%	
	WINDOWS		589	11.1%	
	DOORS		74	1.4%	
WEST ELEVATION			4,373		
VVLGI LLLVATION	MASONRY		4,313		
	MASONAT	BRICK	2,762	63.2%	
		STONE	•	20.1%	
	METAL	STUNE	594	20.1% 13.6%	
	WINDOWS		135	3.1%	
	DOORS		135 5	3.1% 0.1%	
	סאטטם		J	U. 1 70	

	KEYNOTE LEGEND
Key Value	Keynote Text
05.24	METAL WALL CAP (BERRIDGE MATTE BLACK) SLOPE TO INTERIOR AT 1/4" PER FT. PROVIDE CLIP ANCHORS ON EACH SIDE FOR CAP TO SNAP OVER, ABOVE 2 LAYERS 3/4" PLYWOOD ON TOP OF WALL FRAMING.
05.81	ROOFTOP RTU SCREEN - ENVISOR BY CITYSCAPE - MATCH MATTE BLACK BERRIDGE
05.82	STEEL COLUMNS - PAINT MATCH BERRIDGE DEEP RED
M-1	MASONRY MODULAR BRICK - COLOR: MIDNIGHT [DARK GRAY] SMOOTH BY CLOUD CERAMICS
M-2	MASONRY MODULAR BRICK - BLEND OF TAN BRICK COLOR 1: LIGHT IVORY MODULAR VELOUR COLOR 2: SAHARA LT. BUFF MODULAR VELOUR
MTL-1	ARCHITECTURAL METAL PANEL COLOR: DEEP RED BY BERRIDGE W/ FLAT SEAMS DECORATIVE STRIPE KYNAR FINISH
MTL-2	ARCHITECTURAL METAL PANEL COLOR: MATTE BLACK BY BERRIDGE PROFILE: HR-16 KYNAR FINISH
MTL-3	FACIA METAL PANEL COLOR MATTE BLACK BY BERRIDGE W/ FLAT SEAMS
MTL-4	STANDING SEAM METAL ROOFING COLOR MATTE BLACK BY BERRIDGE
S-1	STONE VENEER-COLOR:FAST SET BEIGE BY KONI MATERIALS
STOR-1	STOREFRONT COLOR: BLACK ANODIZED ALUM

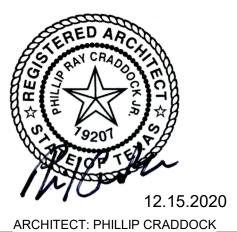


WEST ELEVATION



NORTH ELEVATION

1/8" = 1'-0"



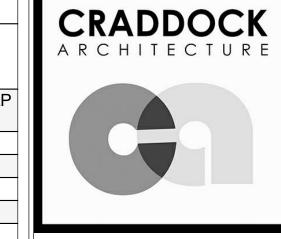
CRAD

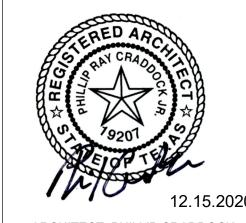
Revision Date Revision Description

HCA - GYM / CLASSROOMS 1408 S. Goliad Rockwall, Texas 75087

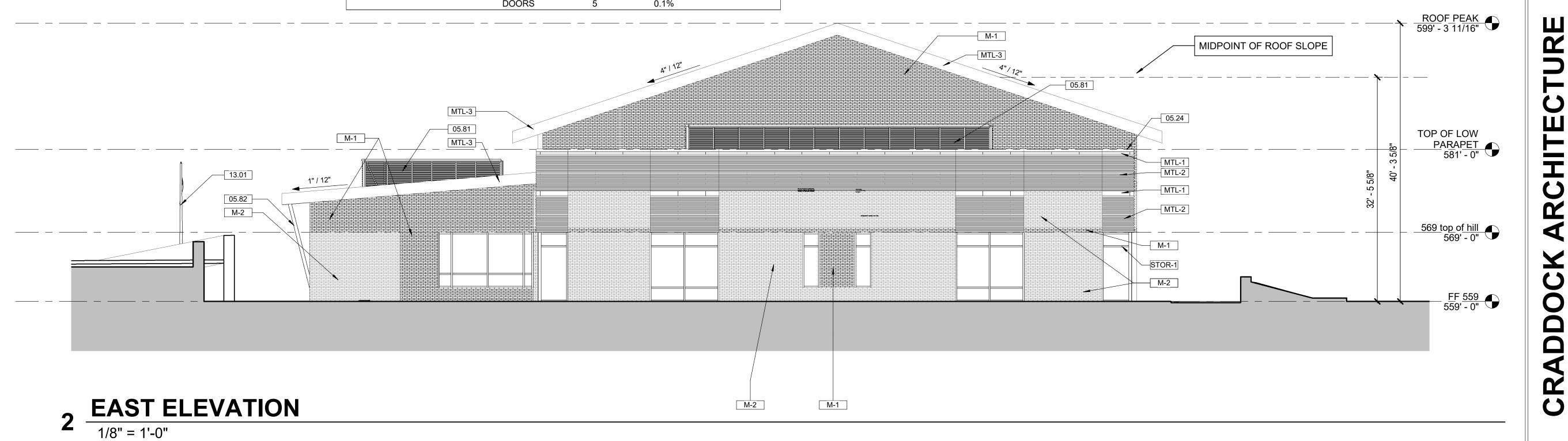
MATERIAL CALCULATIONS			AREA		%
NORTH ELEVATION			4,773		
	MASONRY				
		BRICK	,	73.0%	
		STONE		0.0%	
	METAL		731	15.3%	
	WINDOWS		511	10.7%	
	DOORS		48	1.0%	
EAST ELEVATION			3,460		
	MASONRY				
		BRICK	2,330	67.3%	
		STONE		0.0%	
	METAL		693	20.0%	
	WINDOWS		437	12.6%	
	DOORS		0	0.0%	
SOUTH ELEVATION			5,316		
	MASONRY				
		BRICK	3,828	72.0%	
		STONE	251	4.7%	
	METAL		574	10.8%	
	WINDOWS		589	11.1%	
	DOORS		74	1.4%	
WEST ELEVATION			4,373		
	MASONRY		•		
		BRICK	2,762	63.2%	
		STONE	877	20.1%	
	METAL		594	13.6%	
	WINDOWS		135	3.1%	
	DOORS		5	0.1%	

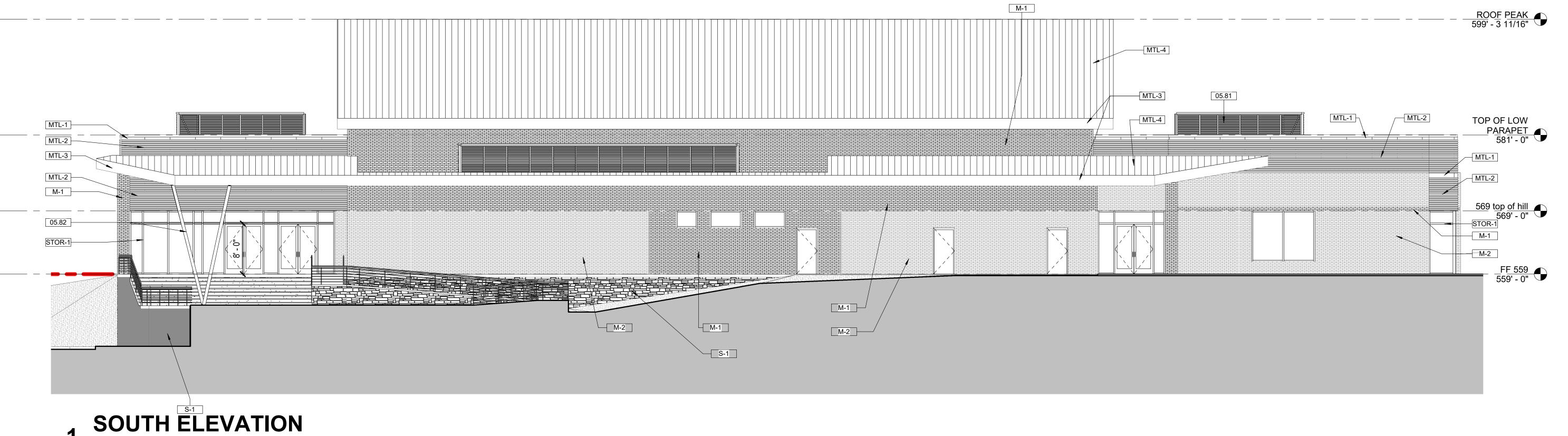
	KEYNOTE LEGEND				
Key Value	Keynote Text				
05.24	METAL WALL CAP (BERRIDGE MATTE BLACK) SLOPE TO INTERIOR AT 1/4" PER FT. PROVIDE CLIP ANCHORS ON EACH SIDE FOR CAP TO SNAP OVER, ABOVE 2 LAYERS 3/4" PLYWOOD ON TOP OF WALL FRAMING.				
05.81	ROOFTOP RTU SCREEN - ENVISOR BY CITYSCAPE - MATCH MATTE BLACK BERRIDGE				
05.82	STEEL COLUMNS - PAINT MATCH BERRIDGE DEEP RED				
13.01	FLAG POLE				
M-1	MASONRY MODULAR BRICK - COLOR: MIDNIGHT [DARK GRAY] SMOOTH BY CLOUD CERAMICS				
M-2	MASONRY MODULAR BRICK - BLEND OF TAN BRICK COLOR 1: LIGHT IVORY MODULAR VELOUR COLOR 2: SAHARA LT. BUFF MODULAR VELOUR				
MTL-1	ARCHITECTURAL METAL PANEL COLOR: DEEP RED BY BERRIDGE W/ FLAT SEAMS DECORATIVE STRIPE KYNAR FINISH				
MTL-2	ARCHITECTURAL METAL PANEL COLOR: MATTE BLACK BY BERRIDGE PROFILE: HR-16 KYNAR FINISH				
MTL-3	FACIA METAL PANEL COLOR MATTE BLACK BY BERRIDGE W/ FLAT SEAMS				
MTL-4	STANDING SEAM METAL ROOFING COLOR MATTE BLACK BY BERRIDGE				
S-1	STONE VENEER-COLOR:FAST SET BEIGE BY KONI MATERIALS				
STOR-1	STOREFRONT COLOR: BLACK ANODIZED ALUM				





ARCHITECT: PHILLIP CRADDOCK





Revision Date Revision Description

HERITA

HCA - GYM / CLASSROOMS 1408 S. Goliad Rockwall, Texas 75087

Project number 2020-109 Date

EXTERIOR ELEVATIONS

A604

1/8" = 1'-0"





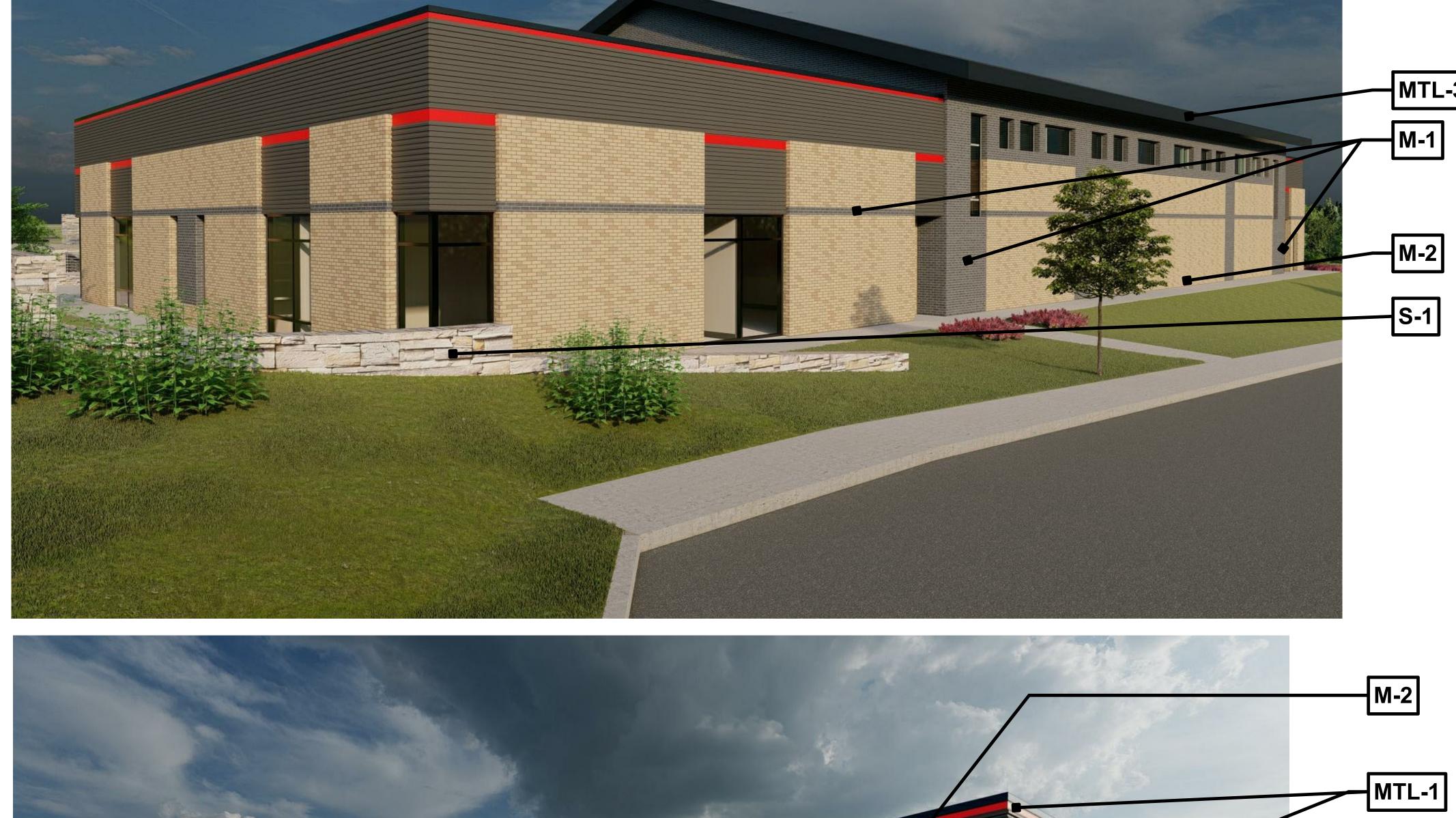




GYM / CLASSROOMS

CRAD









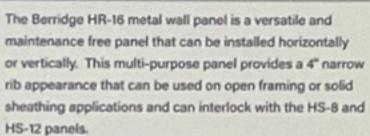
ARCHITECT: PHILLIP CRADDOCK_

Revision Date Revision Description

Berridge HR-16 Panel

WALL AND FASCIA PANEL SYSTEM





Materials

24 and 22 Gauge Stee 0.032 Aluminum

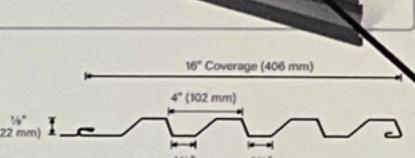
Specifications

Applications: Vertical on Fencing:

horizontal or vertical over open framing or solid sheathing for other uses

Pattern: 1/4" height and 4" rib with 2" reveal

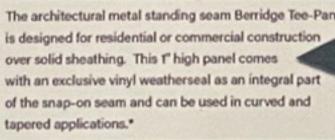
- Panel is available from the factory in continuous lengths to a maximum of 40'
- · Interlocks with itself and HS-8 or HS-12 . Use siding starter strip to start panel at bottom of soffit
- Use channel closure at inside and outside corners with
- or without rubber closures Use standard channel at jambs without rubber closures
- Use special channel at jambs without rubber closures
- Use HR rubber closures against air infiltration



Project: Anna Frank Inspire Academy Architect: RVK Architects General Contractor: Turner Construction Company Installing Contractor: Cram Roofing Company Color: Terra-Cotta



All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements. © Berridge Manufacturing Company 2018 • 800-669-0009 • www.berridge.com



12/15/2020

HERITAGE CHRISTIAN ACADEMY



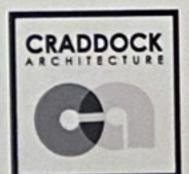
CRADDOCK ARCHITECTURE HCA - GYM / CLASSROOMS











CRADDOCK ARCHITECTURE

HCA - GYM / CLASSROOMS

12/15/2020

EXISTING ADJACENT BUILDING PICTURES
A608



M-2 TAN BLEND



12/15/2020

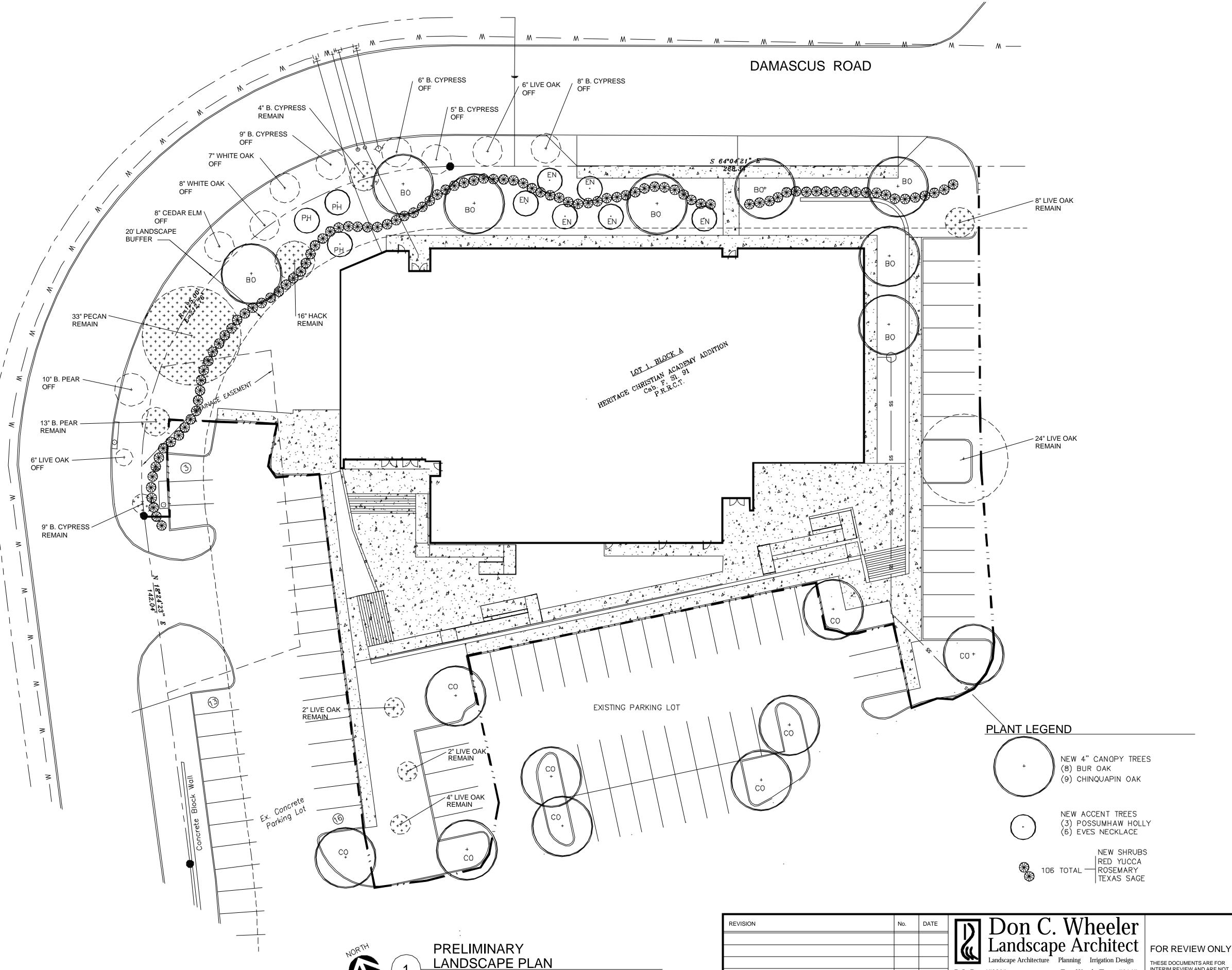


CRADDOCK ARCHITECTURE

HCA - GYM / CLASSROOMS

TAN BLEND INTENT IS TO MIX THE 2
DIFFERENT COLORS ON THE EXISTING
BULDINGS FOR A NEW BLEND
THEN ADDING A DARK GRAY STRIPE
AND FIELD FOR ADDITIONAL CONTRAST
AND MODERN AESTHETIC





SCALE: 1"=20'-0"

LANDSCAPE NOTES:

- 01. ALL LANDSCAPE REQUIREMENTS AND UNDERGROUND IRRIGATION SYSTEM WILL CONFORM TO THE LOCAL CITY ORDINANCE AND DESIGN STANDARDS AND ANY REQUIREMENTS OF THE STATE, IF APPLICABLE.
- 02. NO PLANT MATERIAL SHALL BE PLANTED UNTIL THE LANDSCAPE IRRIGATION SYSTEM HAS BEEN INSTALLED AND IS OPERATING WITH 100% COVERAGE OF PROPOSED LANDSCAPE AREAS.
- 03. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES, CABLES, STRUCTURES AND LINE RUNS
- 04. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL QUANTITIES BASED ON THE DRAWING(S) AND ACTUAL FIELD DIMENSIONS. PLANT QUANTITIES HAVE BEEN PROVIDED AS A CONVENIENCE ONLY TO THE OWNER(S) AND SHALL NOT BE CONSIDERED ABSOLUTE. CONTRACTOR SHALL FOLLOW DESIGN INTENT.
- 05. NOTIFY THE OWNER OF ANY DISCREPANCIES THAT ARISE DURING THE CONSTRUCTION PERIOD. FAILURE TO MAKE SUCH DISCREPANCIES KNOWN TO OWNER WILL RESULT IN THE CONTRACTOR'S LIBILITY TO REDO WORK AS NECESSARY TO ACHIEVE THE DESIGN INTENT.
- 06. PROTECT EXISTING VEGETATION, EQUIPMENT, STRUCTURES, UTILITIES, AND OTHER IMPROVEMENTS AT THE PROJECT SITE AND ON ADJACENT PROPERTIES, EXCEPT THOSE INDICATED TO BE REMOVED OR ALTERED. ALL AREAS DISTURBED BY DEMOLITION AND CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AND RESTORED TO THEIR PRE—CONSTRUCTION CONDITION INCLUDING: PAVEMENTS, LANDSCAPE AREAS, IRRIGATION AND LIGHTING.
- 07. PROVIDE MEASURES AS REQUIRED TO PREVENT EROSION AND DISCHARGE OF SOIL—BEARING RUNOFF AND AIRBORNE DUST TO UNDISTURBED AREAS AND ADJACENT PROPERTIES, SIDEWALKS, STREETS, AND OTHER PAVED SURFACES.
- 08. ALL PROPOSED SUBSTITUTIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR INSTALLATION.
- 09. NOTIFY THE LANDSCAPE ARCHITECT IF LAYOUT OF TREES, BEDS AND/OR PLANTS REQUIRE ALTERATION FROM THE LANDSCAPE PLAN. NOTIFICATION WILL BE REQUIRED PRIOR TO ALTERING THE LAYOUT.
- 10. TREES SHALL BE HANDLED BY ROOT BALLS ONLY. DO NOT DAMAGE BALL, TRUNK, OR LOOSEN TRUNK FROM BALL. TREE TRUNKS ARE TO BE PLANTED STRAIGHT AND MAY BE REQUIRED BY THE DWNER AND/OR THE LANDSCAPE ARCHITECT TO BE STAKED.
- 11. WHERE NEWLY PLANTED TREES ARE NOT ABLE TO STAND ON THEIR OWN, TREES SHALL BE STAKED WITH AN AT-GRADE ROOT BALL SECURING SYSTEM. THE SYSTEM SHALL SECURELY ANCHOR THE ROOT BALL, WHILE ALLOWING THE TRUNK AND CROWN TO MOVE NATURALLY. THE SYSTEM SHALL NOT USE MATERIALS AND METHODS THAT PENETRATE OR DAMAGE THE ROOT BALL. ABOVE GRADE STAKEING SYSTEMS SUCH AS 'T' POSTS WITH WIRES, HOSES, STRAPS, OR GUY WIRES WRAPPED AROUND THE TREE TRUNK SHAL NOT BE ALLOWED UNLESS AUTHORIZED BY THE LANDSCAPE ARCHITECT.
- 12. ALL TREES TO BE UNIFORM BY SPECIES WITH STRAIGHT TRUNKS AND MATCHING CHARACTER AND BRANCHING STRUCTURE.
- 13. ALL TREE LOCATIONS SHALL BE APPROVED BY THE OWNER OR OWNER'S REPRESENTATIVE PRIOR TO PLANTING.
- 14. FINAL LOCATIONS OF PLANT MATERIAL IS SUBJECT FOR REVIEW AND APPROVAL BY OWNER PRIOR TO PLANTING.
- 15. PROVIDE POSITIVE DRAINAGE THROUGHOUT THE PROJECT AREA, NO PONDING OR STANDING WATER IS ACCEPTABLE.
- 16. CONTRACTOR SHALL PROVIDE A MINIMUM 2% SLOPE AWAY FROM ALL BUILDINGS.
- 17. AT NO TIME WILL ANY PLANT MATERIAL BE ALLOWED TO SETTLE BEYOND THE TOP OF THE ROOT FLARE OR POTTED SOIL LINE. SHOULD PLANT MATERIAL SETTLE, THE PLANT(S) WILL BE REPLANTED AT THE PROPER HEIGHT AND/OR REPLACED IF NECESSARY AT THE CONTRACTOR'S COST.
- 18. ALL PROPOSED BED AREAS SHALL BE TILLED TO A DEPTH OF SIX INCHES (6"), ADDING A THREE INCH (3") MINIMUM LAYER OR ORGANIC COMPOST DURING THE PROCESS. THE LEVEL OF THE BED AREAS SHOULD BE LEFT THREE INCHES (3") ABOVE THE PROPOSED FINISHED GRADE TO ALLOW FOR COMPACTION AND SETTIEMENT
- 19. ALL BED AREAS SHALL BE SEPARATED FROM TURF AREAS USING 1/8" X 4" STEEL EDGING, PAINTED GREEN. ALL ENDS OF STEEL EDGE RUNS SHALL HAVE A RADIUS OR 45 DEGREE ANGLE TO ELIMINATE SHARP EDGES. HAND FILING MAY BE REQUIRED TO ACHIEVE A SMOOTH EDGE.
- 20. TRIM STEEL EDGING AT A 45 DEGREE ANGLE WHEN EDGING INTERSECTS WITH A WALK OR CURB. DO NOT INSTALL EDGING ALONG CURBS OR WALKS.
- 21. ALL LANDSCAPE BEDS SHALL RECEIVE A TWO INCH (2") TOP DRESS LAYER OF HARDWOOD MULCH AND ALL TREE WELLS SHALL RECEIVE A THREE INCH (3") LAYER OF SHREDDED HARDWOOD MULCH. DO NOT COVER ROOT FLARE.
- 22. TOP OF MULCH SHALL BE 1/2" MINIMUM BELOW THE TOP OF WALKS AND CURBS.
- 23. TURF AREAS SHALL BE CLEAN OF DEBRIS AND RAKED (GRADED) SMOOTH PRIOR TO HYDROMULCH OR SOD INSTALLATION. LANDSCAPE CONTRACTOR TO RECEIVE GRADE WITHIN APPROX. 1/10th OF FINAL GRADE.
- 24. OWNER RESPONSIBLE TO PROVIDE ELECTRICAL SERVICE FOR THE IRRIGATION SYSTEM, WHICH INCLUDES A HARDWIRE OF 110 VOLTS AT MINIMUM FOR THE CONTROLLER
- 25. ALL LANDSCAPING LOCATED WITHIN THE VISIBILITY TRIANGLES SHALL COMPLY WITH THE VISIBILITY TRIANGLE REQUIREMENTS AS PER THE CITY STANDARDS.
- 26. ALL LIGHT POLES MAY NOT BE SHOWN ON THE PROJECT SITE OR ADJACENT PROPERTIES. IF A PROPOSED TREE IS IN CONFLICT WITH ANY LIGHT OR UTILITY POLE, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT, TO DETERMINE OPTIONS, PRIOR TO PLANTING.
- 27. ALL PLANTS AND TREES ARE TO CONFORM TO AMERICAN ASSOCIATION OF NURSERYMEN AND TEXAS ASSOCIATION OF NURSERYMEN STANDARDS.
- 28. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ANY LANDSCAPE MATERIAL ON SITE.

LANDSCAPE CALCULATIONS

WITH 11,858 SF = 60% IN FRONT YARD.

ZONING - MF-14 (35%) LANDSCAPE AREA REQUIRED. ARTIFICIAL LOT AREA - 60,238 SF 35% = 21,083 SF

-2.5% XERISCAPING CREDIT = 32.5% = 19,578 SF LANDSCAPE AREA PROVIDED = 20,367 SF

LANDSCAPE BUFFER AT STREET R.O.W. = 10' WITH 1-CANOPY TREE & 1-ACCENT TREE/50' AND A ROW OF SHRUBS.

427'/50**'** = 9

P.O. Box 470865

PROJECT NO.

2K17-14

Office 817.335.1405

DATE:

12/18/20

Fort Worth, Texas 76147

don@dcwla.com

LANDSCAPE ARCHITECT # 767

9 CANOPY TREES REQUIRED. 9-PROVIDED. 9 ACCENT TREES REQUIRED. 9-PROVIDED. 107 SHRUBS PROVIDED.

INTERIOR PARKING LOT LANDSCAPING: 3,771 SF PARKING LOT AREA 855 SF LANDSCAPE AREA PROVIDED. PLANN PREPARED BY: DON C. WHEELER, RLA PO BOX 470865 FORT WORTH, TX 76147 817.335.1405 don@dcwla.com

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR REGULATORY PERMITING, BIDDING, OR CONSTRUCTION PURPOSES.

DON C. WHEELER - TEXAS

LANDSCAPE PLAN

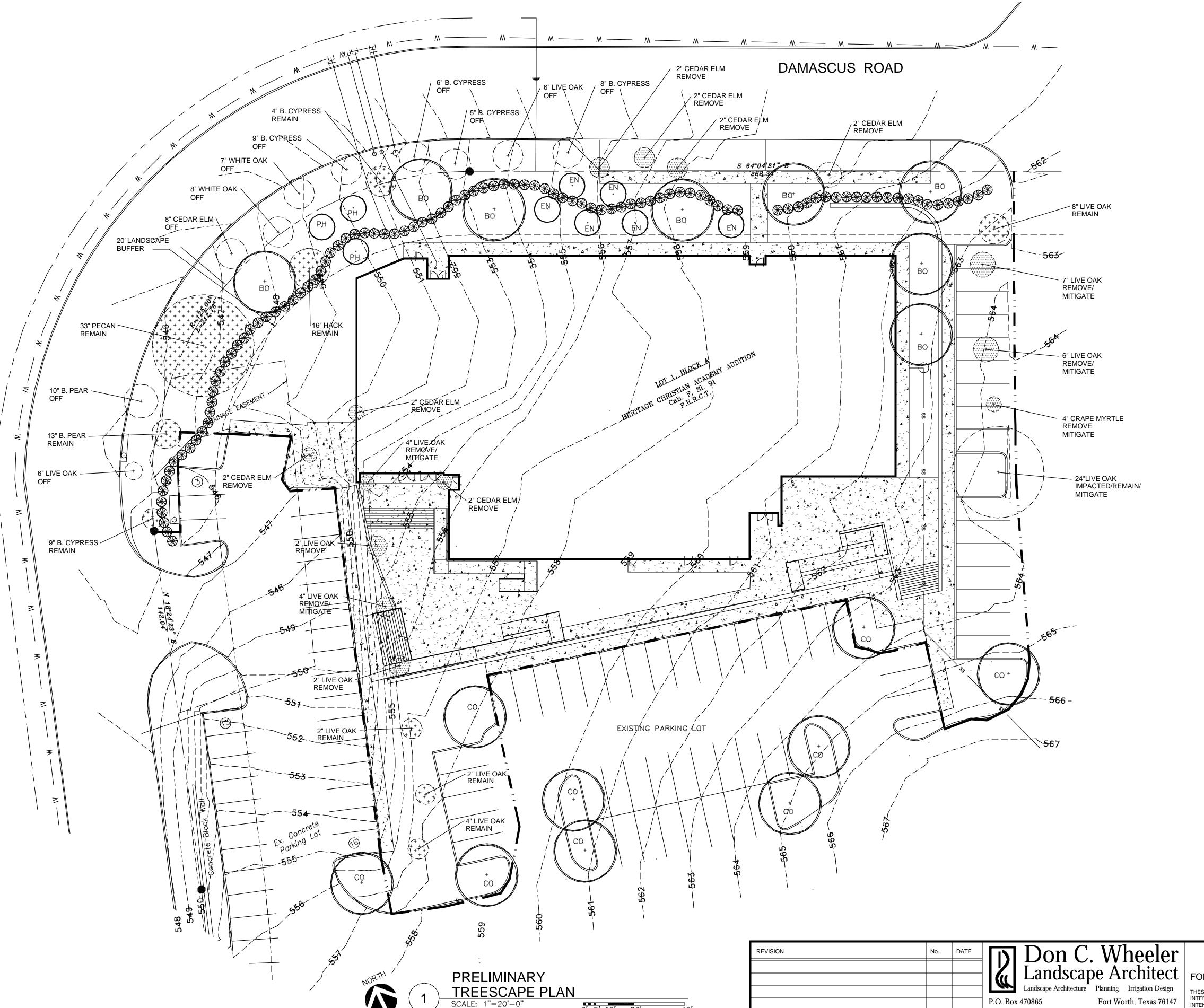
HERITAGE CHRISTIAN ACADEMY

HERITAGE CHRISTIAN ACADEMY PH.2

CITY OF ROCKWALL, TEXAS

LP

Sheet No.



EXISTING TREE PROTECTION:

All trees shown on this plan to be preserved shall be protected during construction with temporary fencing. Tree protection fences shall be installed prior to the commencement of any site preparation work (clearing, grubbing or grading).

Fences shall completely surround the tree or clusters of trees. The fence shall be located 1 foot away from trunk for every 1 inch of trunk diameter at breast height (4.5 feet above ground; dbh). The fence will be maintained throughout the construction project in order to prevent the following, which are not allowed with or without fencing in place.

- A. Soil compaction in the critical root zone resulting from vehicular traffic or storage of equipment or materials.
- B. Critical root zone grade changes which was not authorized by the City Arborist is not allowed.
- C. Wounds to the trunk, limbs or exposed roots by mechanical
- D. Other activities detrimental to trees such as chemical storage, concrete truck cleaning and fires.

Fencing is per standard specification without consulting City Arborist for

All digging for irrigation and landscape plant materials within critical zones of trees shall be preformed by hand.

All trees should be watered deeply once a week during periods of hot and dry weather. Tree crowns should be sprayed with water periodically to reduce dust accumulation on the leaves.

Trenching for landscape irrigation shall be located as far from the existing trunks as possible. Irrigation lines should run parallel to radii of tree root systems (toward and away from trunk) and not across root systems going to

Pruning to provide clearance for structures, vehicular traffic and equipment shall take place before construction begins.

Within the area of the dripline of protected trees, material storage, equipment cleaning, tree attachments or vehicular traffic or parking will not be permitted. All trees to be removed from the construction site shall be flagged with bright red vinyl tape wrapped around the main trunk at a height of four feet $\langle 4' \rangle$ or more such that the tape is visable to workers on foot or driving equipment.

All work will comply with ordinance 18615 regarding tree preservation.

TREE LEDGEND & CALCULATIONS

EXISTING TREES - OFF ART, LOT



EXISTING TREES (NOT PROTECTED) TO BE REMOVED AND MITIGATED.

2" LIVE OAK - NOT PROTECTED
2" LIVE OAK - NOT PROTECTED
2" CEDAR ELM - NOT PROTECTED
2" CEDAR ELM - NOT PROTECTED
3" BALD CYPRESS - NOT PROTECTED

TOTAL NOT PROTECTED - 11"



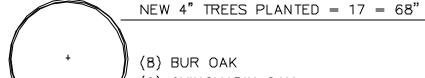
EXISTING PROTECTED TREES TO BE REMOVED AND MITIGATED.

4" LIVE OAK - PROTECTED
4" LIVE OAK - PROTECTED
6" LIVE OAK - PROTECTED
5" B. PEAR — PROTECTED
6" CEDAR ELM - PROTECTED
7" LIVE OAK - PROTECTED
6" LIVE OAK - PROTECTED
4" C. MYRTLE — PROTECTED

EXISTING PROTECTED TREE (IMPACTED) TO REMAIN AND BE MITIGATED.

24" LIVE OAK — PROTECTED

TOTAL PROTECTED TO MITIGATE - 66"



(9) CHINQUAPIN OAK



(3) POSSUMHAW HOLLY (6) EVES NECKLACE

CITY OF ROCKWALL, TEXAS

PLANN PREPARED BY: DON C. WHEELER, RLA PO BOX 470865 FORT WORTH, TX 76147 817.335.1405 don@dcwla.com

No. D	DATE		on C. W ndscape A	/heeler	FOR REVIEW ONLY	TREESCAPE PLAN	Sheet No.
			cape Architecture Plannin		THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR REGULATORY	HERITAGE CHRISTIAN ACADEMY	ТР
		Office 817.335.140	05	don@dcwla.com	PERMITING, BIDDING, OR CONSTRUCTION PURPOSES.	HERITAGE CHRISTIAN ACADEMY PH.2	11
		PROJECT NO.	DATE:		DON C. WHEELER - TEXAS		

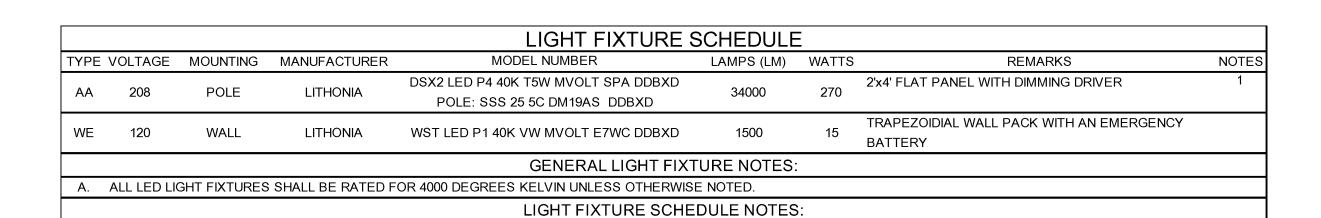
2K17-14

12/18/20

LANDSCAPE ARCHITECT # 767



FINCHER ENGINEERING, LLC TX FIRM #F-16408



1 PROVIDE STEEL POLE WITH A MINIMUM 100MPH EPA RATING WITH 1.3 GUST FACTOR.



<

This document is released for the purpose of interim review under the authority of Kris Stepp, P.E. 93736 on Dec. 16, 2020. It is not to be used for construction, bidding, or permit purposes.

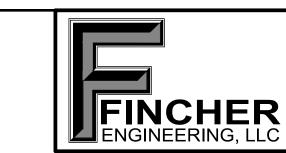
CONSTRUCTION

FOR

PREL

ES101

1" = 30'-0"



WWW.FINCHERENG.COM

FINCHER ENGINEERING, LLC TX FIRM #F-16408 CRADDOCK 5621 114TH ST., SUITE 100 LUBBOCK, TX 79424 PH: 806-701-5109

ARCHITECTURE
6

This document is released for the purpose of interim review under the authority of Kris Stepp, P.E. 93736 on Dec. 16, 2020. It is not to be used for construction, bidding, or permit purposes.

ARCHITECT: PHILLIP CRADDOCK

REL

Ω

ES102

SITE PLAN - LIGHTING CALCULATIONS
NO SCALE

Parking Lot + 0.2 fc 6.4 fc 0.0 fc N/A

DSX2 LED P4 40K T5W

1, 4000 K, visual comfort wide,

**\dot* 0.0 *\dot* 0.0 *\dot* 0.0 *\dot* 0.0 *\dot* 0.0 *\dot* 0.1 *\dot* 0.1 *\dot* 0.1 *\dot* 0.2 *\dot* 0.3 *\dot* 0.4 *\dot* 0.6 *\dot* 0.7 *\dot* 0.9 *\dot* 1.2 *\dot* 1.6 *\dot* 2.6 *\dot* 2.7 *\dot* 2.7 *\dot* 2.6 *\dot* 2.4 *\dot* 2.3 *\dot* 2.0 *\dot* 1.8 *\dot* 1.6 *\dot* 1.5 *\dot* 1.5 *\dot* 1.5 *\dot* 1.5 *\dot* 1.4 *\dot* 1.4 *\dot* 1.4 *\dot* 1.4 *\dot* 1.0 *\dot* 0.8 *\dot* 0.7 *\dot* 0.6 *\dot* 0.0 *\bar{6}.0 \dagger{0}.0 \dagger{0}.0 \dagger{0}.0 \dagger{0}.0 \dagger{0}.1 \dagger{0}.1 \dagger{0}.1 \dagger{0}.1 \dagger{0}.1 \dagger{0}.1 \dagger{0}.0 \dagger 0.0 \quad \quad 0.0 \quad \qua

3. \$\date \date \d p. to b, to

\$\displayed \text{o.de...}\displayed \text{o.d

\range of the color of the colo x + 0.0 + 0.

\$c 0.0 to 0, 0, \$\dot\0.0\d

0.0 + 0.0 +

\$0.0 \dagger\cdot 0.0 \ *****0.0 *****0.0 *****0.0 *****0.0 *****0.0 *****0.0 *****0.0 *****0.0

0.0 \(\dot 0.0 \\ \dot 0.1 \\ \dot 0.1 \\ \dot 0.1 \\ \dot 0.1 \\ \dot 0.2 \\ \dot 0.2 \\ \dot 0.2 \\ \dot 0.3 \\ \dot 0.0 \\ \$\\ \dot{0.0} \\ \dot{0.1} \\ \dot{0.1} \\ \dot{0.1} \\ \dot{0.1} \\ \dot{0.2} \\ \dot{0.3} \\ \dot{0.4} \\ \dot{0.4} \\ \dot{0.5} \\ \dot{0.6} \\ \ \$ 5.0 \$ 5.0 \$ 5.0 \$ 6.0 \$ 6.0 \$ 7.1 \$ 6.0 \$ 6.2 \$ 7.3 \$ 7.5 \$ 7.6 \$ 6.8 \$ 7.1 \$ 7.4 \$ 7.6 \$ 7.8 \$ 7.1 \$ 7.6 \$ 7.8 \$ 7.7 \$ 6.7 \$ 7.4

