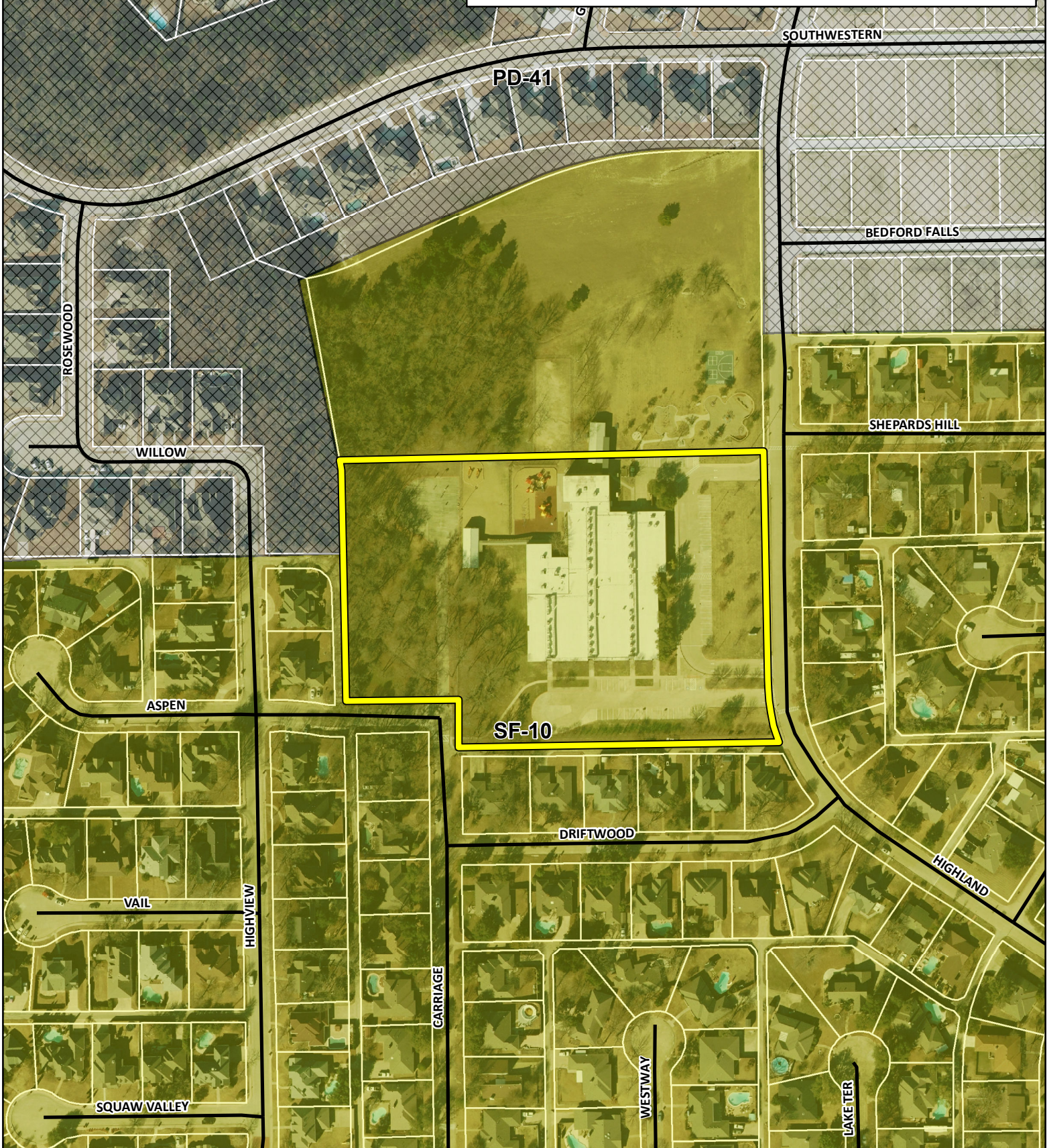




SP2018-005 -SITE PLAN FOR REINHARDT ELEMENTAR SCHOOL
SITE PLAN - LOCATION MAP = 



City of Rockwall

Planning & Zoning Department
385 S. Goliad Street
Rockwall, Texas 75032
(P): (972) 771-7745
(W): www.rockwall.com

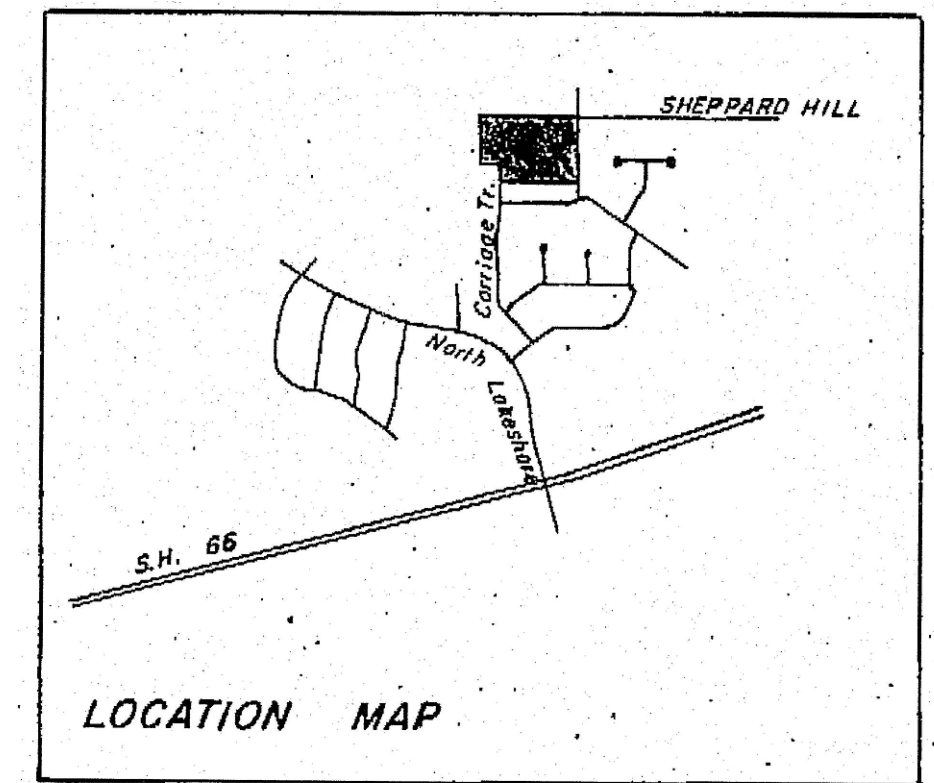
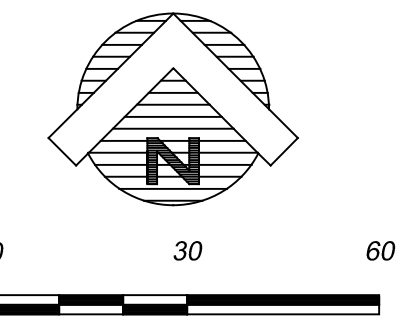
The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and fitness for a particular purpose. Use of the information is the sole responsibility of the user.



- GENERAL NOTES:**
1. STRIPING & SIGNAGE DIMENSIONS ARE FROM FACE OF CURB
 2. ALL FIRE LANES, PARKING STRIPING, HDCP PARKING STRIPING & SIGNAGE ARE TO BE IN ACCORDANCE WITH CITY OF ROCKWALL REQUIREMENTS, TYP.
 3. 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 THIS WORK IN ACCORDANCE WITH ALL SUCH APPLICABLE STANDARDS AND SPECIFICATIONS.
 4. CONTRACTOR SHALL HAVE IN HIS POSSESSION, PRIOR TO CONSTRUCTION, ALL NECESSARY PERMITS, LICENSES, ETC. CONTRACTOR SHALL HAVE AT LEAST ONE SET OF APPROVED ENGINEERING PLANS AND SPECIFICATIONS ON-SITE AT ALL TIMES.
 5. ALL WORK SHALL CONFORM TO THE CITY OF ROCKWALL SPECIFICATIONS, STANDARDS, AND DETAILS.
 6. IF UNFORESEEN PROBLEMS OR CONFLICTS ARE ENCOUNTERED IN THE CONSTRUCTION, FOR WHICH AN IMMEDIATE SOLUTION IS NOT APPARENT, THE ENGINEER AND OWNER SHALL BE NOTIFIED IMMEDIATELY.
 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. CONTRACTORS SHALL BE RESPONSIBLE FOR FIELD LOCATING EXISTING UTILITIES AND IMPROVEMENTS PRIOR TO CONSTRUCTION.
 9. TRENCH SAFETY DESIGN WILL BE THE RESPONSIBILITY OF THE UTILITY CONTRACTOR. CONTRACTOR SHALL SUBMIT DESIGN TO THE CITY OF ROCKWALL ENGINEERING DEPARTMENT FOR REVIEW.
 10. MARK FIRE LANES TO THE CITY OF ROCKWALL SPECIFICATION, "NO PARKING FIRE LANE" EVERY 25' WHITE "L" LETTERS ON A 6" RED STRIPED BACKGROUND.
 11. NO TREES ARE TO BE PLANTED WITHIN 5' OF ANY UTILITIES.
 12. THE HICKORY RIDGE LIFT STATION WILL BE UPGRADED TO ACCOMMODATE THE SCHOOL SITE.
 13. ADHERENCE TO ENGINEERING AND FIRE DEPARTMENT STANDARDS SHALL BE REQUIRED

Date	Revision /
06/10/2018	1
	2
	3
	4
	5
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	8
	9
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	11

Project: V. REINHARDT REPLACEMENT SCHOOL
 ROCKWALL SCHOOL ADDITION NO. 2
 LOT 1 BLOCK "A"
 615 HIGHLAND DRIVE
 ROCKWALL, TEXAS



VICINITY MAP
N.T.S.

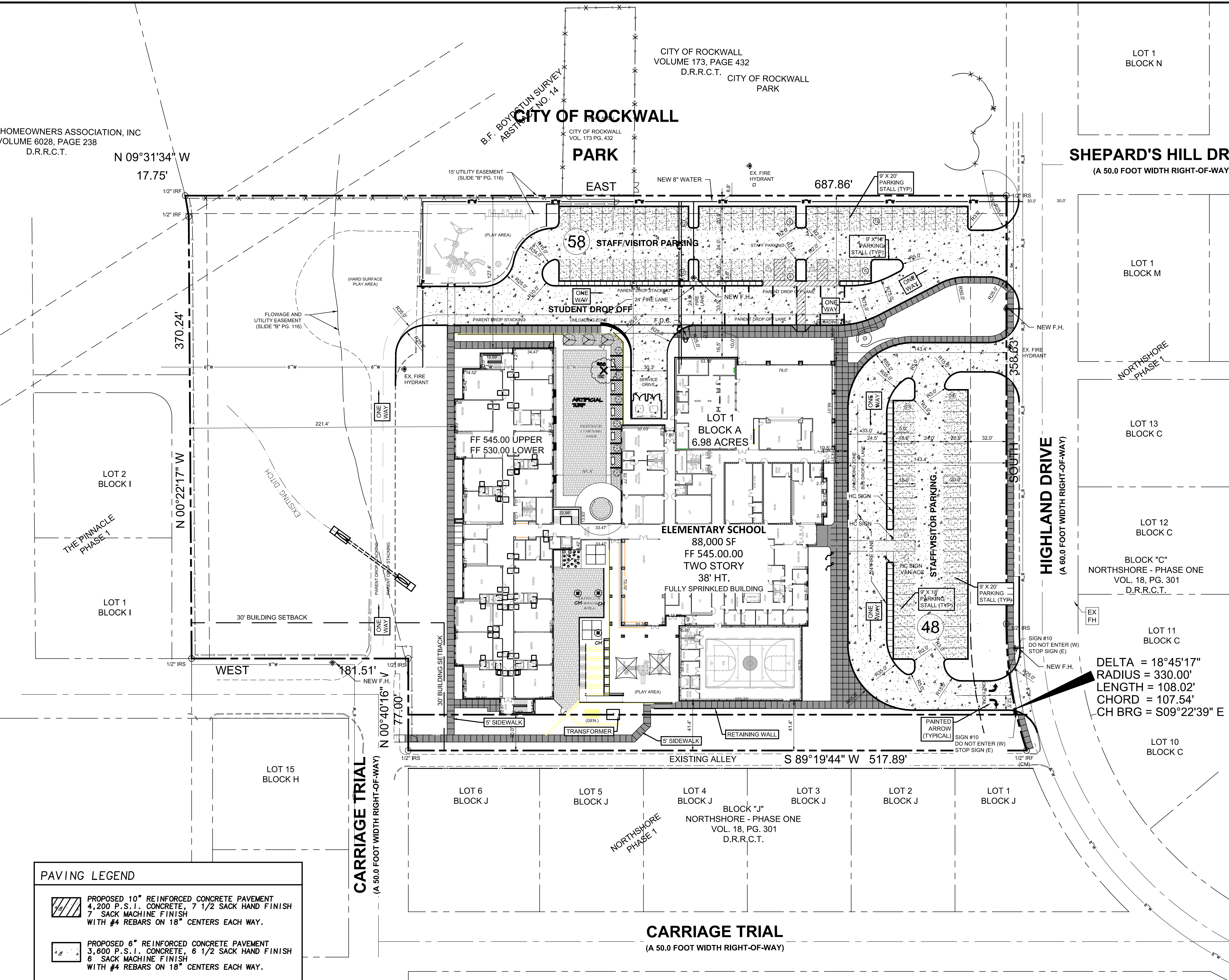
SITE DATA SUMMARY TABLE	
EXISTING ZONING	SF-10
PROPOSED ZONING	SF-10
USE	PUBLIC ELEMENTARY SCHOOL
LOT AREA	304,169 SQ. FT. OR 6.983 ACRES
BUILDING AREA (FLOOR AREA)	
PROPOSED FIRST FLOOR (UPPER LEVEL)	64,800 SF
PROPOSED SECOND FLOOR	23,200 SF
TOTAL BUILDING AREA	88,000 SF
TOTAL FLOOR AREA (FIRST FLOOR)	64,800 SF
LOT COVERAGE	64,800 SF / 304,169 SF = 21.3%
FLOOR AREA RATIO	0.21 : 1
TOTAL NEW IMPERVIOUS COVERAGE	191,432 SF OR 4.395 ACRES
TOTAL EXISTING IMPERVIOUS COVERAGE	151,749 SF OR 3.484 ACRES
INCREASE TO DETAIN	39,683 SF OR 0.911 ACRES (INCREASE)
CLASSROOM BUILDING HEIGHT - AREA A	38'-0" (2 STORY) *MEASURED TO PARAPET*
PARKING REQUIREMENTS	
HOME ROOM - CLASSROOMS	28 CLASSROOMS
2.5 PER HOMEROOM CLASSROOMS	70 SPACES REQUIRED
STUDENTS (K-6TH)	750 STUDENTS
PARKING PROVIDED	
PARKING ELEMENTARY SCHOOL	(9.0' X 20.0') 74 SPACES (9.0' X 18.0') 27 SPACES HC SPACES 5 SPACES
TOTAL PARKING PROVIDED	106 SPACES

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF MIKE GLENN, P.E., 5005 OLYMPIA BLVD., SUITE 100, ROCKWALL, TX 75087. IT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES.

Huckabee
 4025 W. DALLAS - FORT WORTH - DALLAS - WACO
 www.huckabee-inc.com
 800.687.1229

SUP SITE PLAN

Job No. 1759-03-01	Sheet No. CS
Drawn By: RAH	1.0A
Date: 02-28-2017	



HOMEOWNERS ASSOCIATION, INC
 VOLUME 6028, PAGE 238
 D.R.R.C.T.

CITY OF ROCKWALL
 VOLUME 173, PAGE 432
 D.R.R.C.T.

CITY OF ROCKWALL
 VOL. 173 PG. 432

SHEPARD'S HILL DR
 (A 50.0 FOOT WIDTH RIGHT-OF-WAY)

HIGHLAND DRIVE
 (A 60.0 FOOT WIDTH RIGHT-OF-WAY)

CARRIAGE TRIAL
 (A 50.0 FOOT WIDTH RIGHT-OF-WAY)

CARRIAGE TRIAL
 (A 50.0 FOOT WIDTH RIGHT-OF-WAY)

PAVING LEGEND

	PROPOSED 10" REINFORCED CONCRETE PAVEMENT 4,200 P.S.I. CONCRETE, 7 1/2 SACK HAND FINISH 7 SACK MACHINE FINISH WITH #4 REBARS ON 18" CENTERS EACH WAY.
	PROPOSED 6" REINFORCED CONCRETE PAVEMENT 3,600 P.S.I. CONCRETE, 6 1/2 SACK HAND FINISH 6 SACK MACHINE FINISH WITH #4 REBARS ON 18" CENTERS EACH WAY.
	PROPOSED 5" REINFORCED CONCRETE PAVEMENT 3,600 P.S.I. CONCRETE, 6 1/2 SACK HAND FINISH 6 SACK MACHINE FINISH WITH #4 REBARS ON 18" CENTERS EACH WAY.
	PROPOSED 4" REINFORCED CONCRETE SIDEWALK 3,000 PS 5.5 SACK MACHINE FINISH WITH #3 REBARS ON 18" CENTERS EACH WAY. (10" HIKE AND BIKE TRAIL SHALL BE 5" THICK WITH #3 REBARS ON 18" CENTERS EACH WAY)

NOTE

UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE MAPS AND RECORDS AND THEREFORE, THEIR LOCATIONS ARE APPROXIMATE ONLY. ELEVATIONS SHOWN ARE BASED ON FIELD MEASUREMENTS. THERE MAY BE OTHER UTILITIES, THE EXISTENCE OF WHICH ARE NOT KNOWN TO THE UNDERSIGNED. SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES MUST BE VERIFIED PRIOR TO ANY CONSTRUCTION.

- GENERAL NOTES:**
- CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES.
 - BARRIER FREE RAMPS (BFR) IN PUBIC R.O.W. SHALL BE PER CITY STANDARDS AND DETAILS.
 - REFER TO DEVELOPMENT PLANS FOR GRADING DETAILS.
- OUTDOOR LIGHTING NOTE:**
- ALL OUTDOOR LIGHTING MUST BE ORIENTED SO THAT LIGHTING LEVELS AT ALL PROPERTY LINES ARE 1 FOOT-CANDLE OR LESS.

OWNER
 ROCKWALL I.S.D.
 1050 WILLIAMS STREET
 ROCKWALL, TEXAS 75087
 972-771-0605

ARCHITECT
 HUCKABEE
 700 CHERRY STREET, SUITE 500
 FORT WORTH, TEXAS 76109
 (817) 377-2969

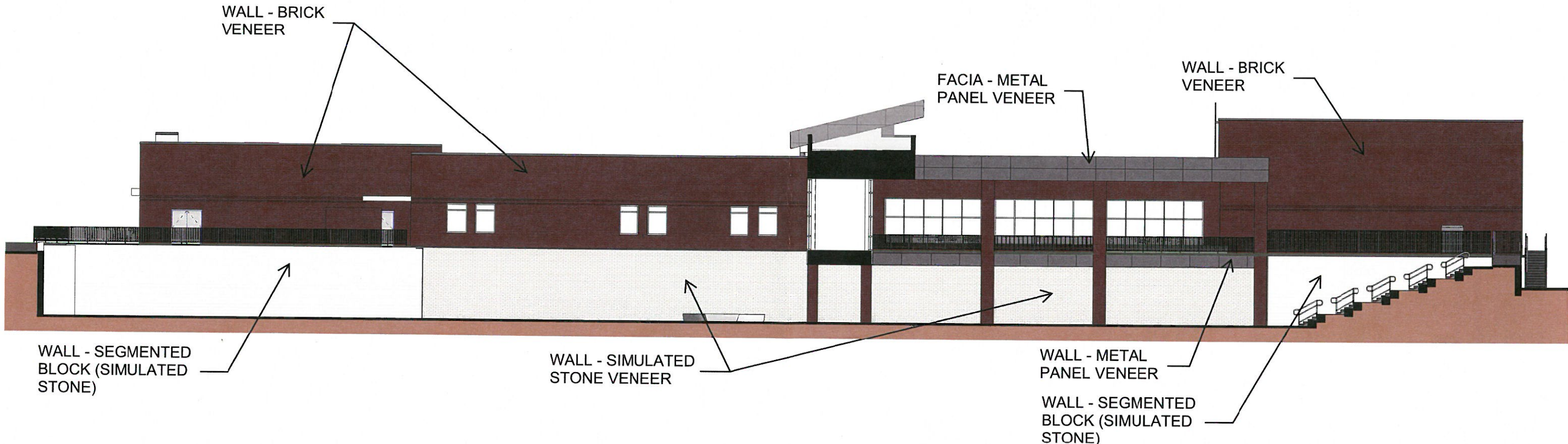
ENGINEER
 GLENN ENGINEERING
 105 DECKER COURT, SUITE 910
 IRVING, TEXAS 75062
 (972) 717-5151

Date: February 12, 2018
 Case Number:

ARCHITECTURAL EXTERIOR BUILDING MATERIALS

(CALCULATIONS PROVIDED ARE PER ELEVATION AND DOES NOT INCLUDE GLAZING OR DOOR OPENINGS)

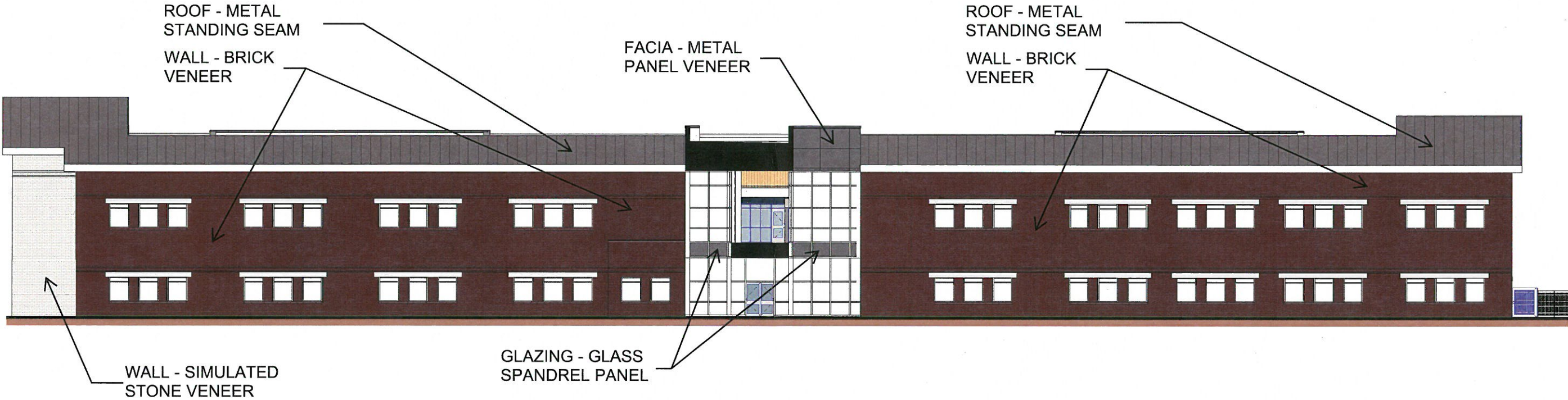
MASONRY MATERIAL PERCENTAGE:	94%
BRICK:	56%
SIMULATED STONE:	38%
METAL WALL PANEL:	6%
TOTAL MATERIAL PERCENTAGE:	100%



ARCHITECTURAL EXTERIOR BUILDING MATERIALS

(CALCULATIONS PROVIDED ARE PER ELEVATION AND DOES NOT INCLUDE GLAZING OR DOOR OPENINGS)

MASONRY MATERIAL PERCENTAGE:	98%
BRICK:	92%
SIMULATED STONE:	6%
METAL WALL PANEL:	2%
TOTAL MATERIAL PERCENTAGE:	100%



ARCHITECTURAL EXTERIOR BUILDING MATERIALS

(CALCULATIONS PROVIDED ARE PER ELEVATION AND DOES NOT INCLUDE GLAZING OR DOOR OPENINGS)

MASONRY MATERIAL PERCENTAGE: 92%

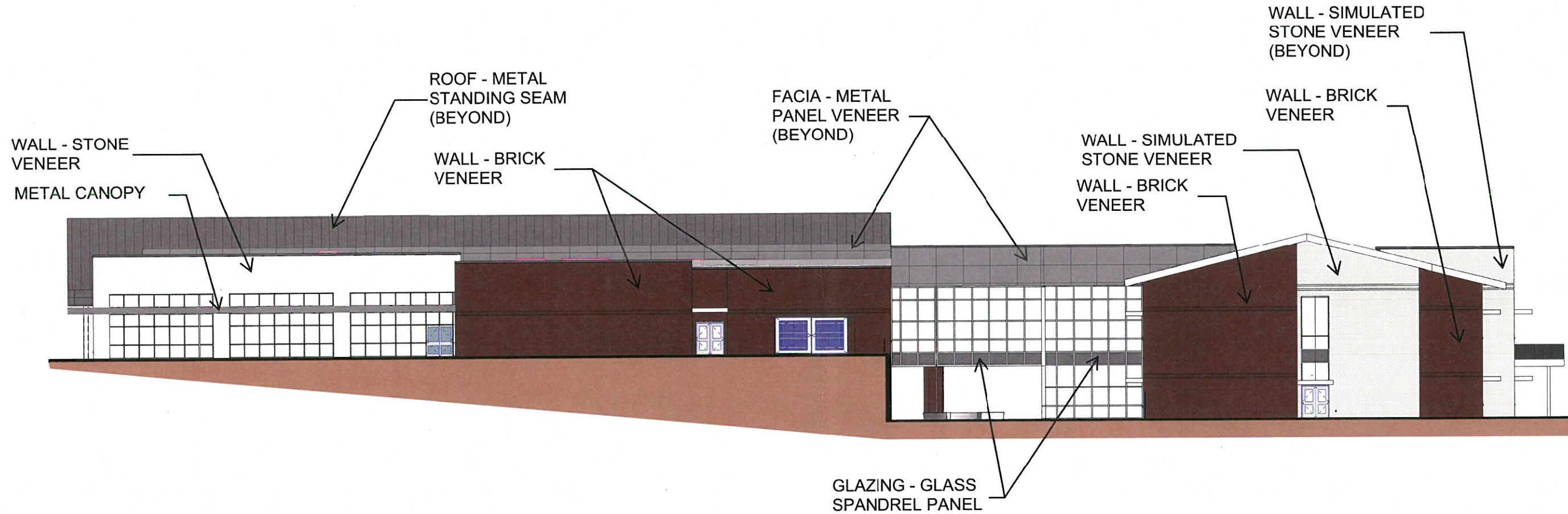
BRICK: 57%

STONE: 15%

SIMULATED STONE: 20%

METAL WALL PANEL: 8%

TOTAL MATERIAL PERCENTAGE: 100%



ARCHITECTURAL EXTERIOR BUILDING MATERIALS

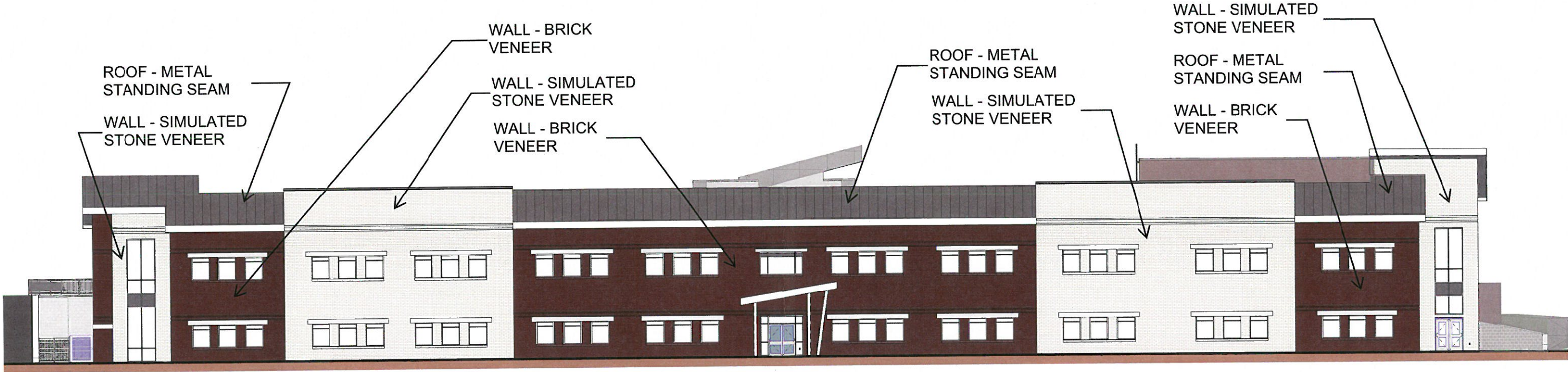
(CALCULATIONS PROVIDED ARE PER ELEVATION AND DOES NOT INCLUDE GLAZING OR DOOR OPENINGS)

MASONRY MATERIAL PERCENTAGE: 100%

BRICK: 48%

SIMULATED STONE: 52%

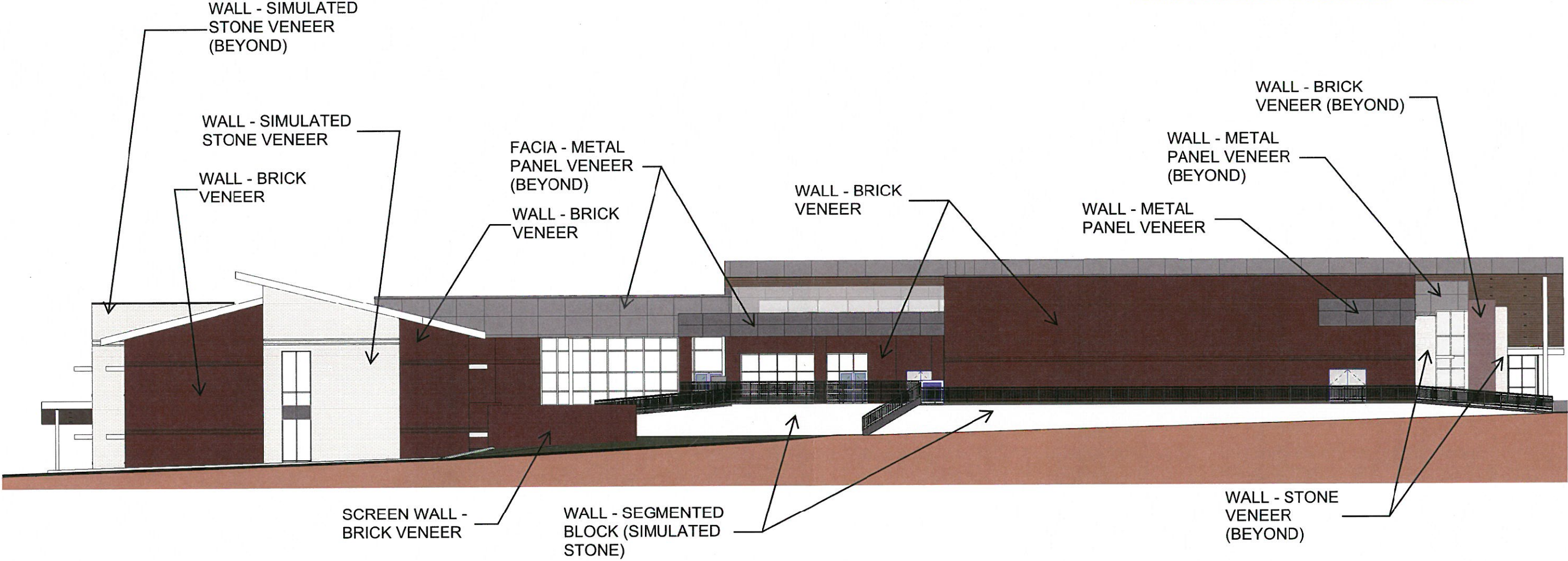
TOTAL MATERIAL PERCENTAGE: 100%



ARCHITECTURAL EXTERIOR BUILDING MATERIALS

(CALCULATIONS PROVIDED ARE PER ELEVATION AND DOES NOT INCLUDE GLAZING OR DOOR OPENINGS)

MASONRY MATERIAL PERCENTAGE:	90%
BRICK:	79%
STONE:	3%
SIMULATED STONE:	18%
METAL WALL PANEL:	10%
TOTAL MATERIAL PERCENTAGE:	100%



ARCHITECTURAL EXTERIOR BUILDING MATERIALS

(CALCULATIONS PROVIDED ARE PER ELEVATION AND DOES NOT INCLUDE GLAZING OR DOOR OPENINGS)

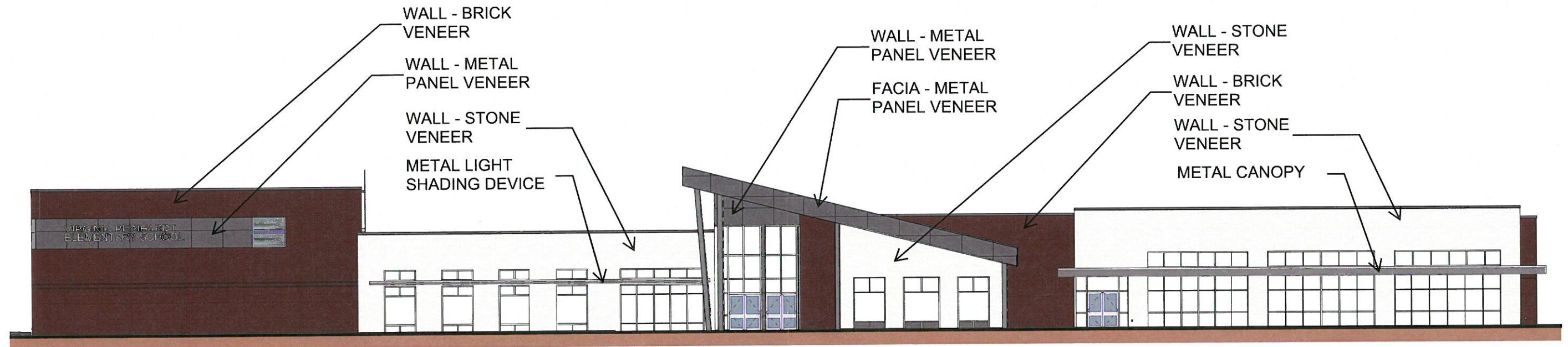
MASONRY MATERIAL PERCENTAGE: 94%

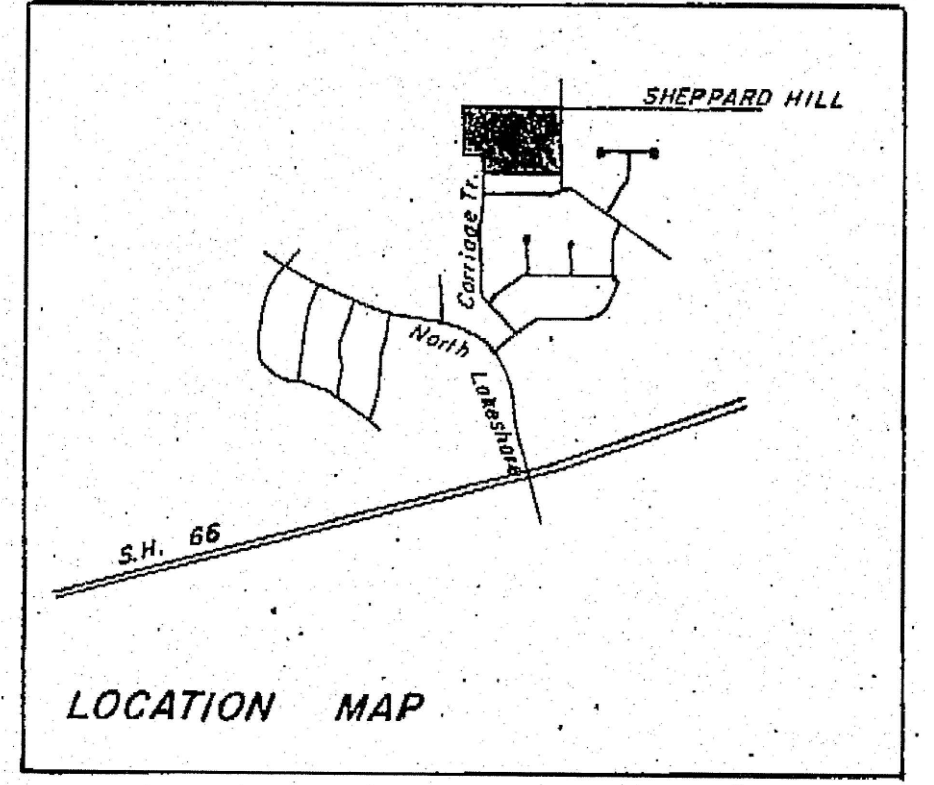
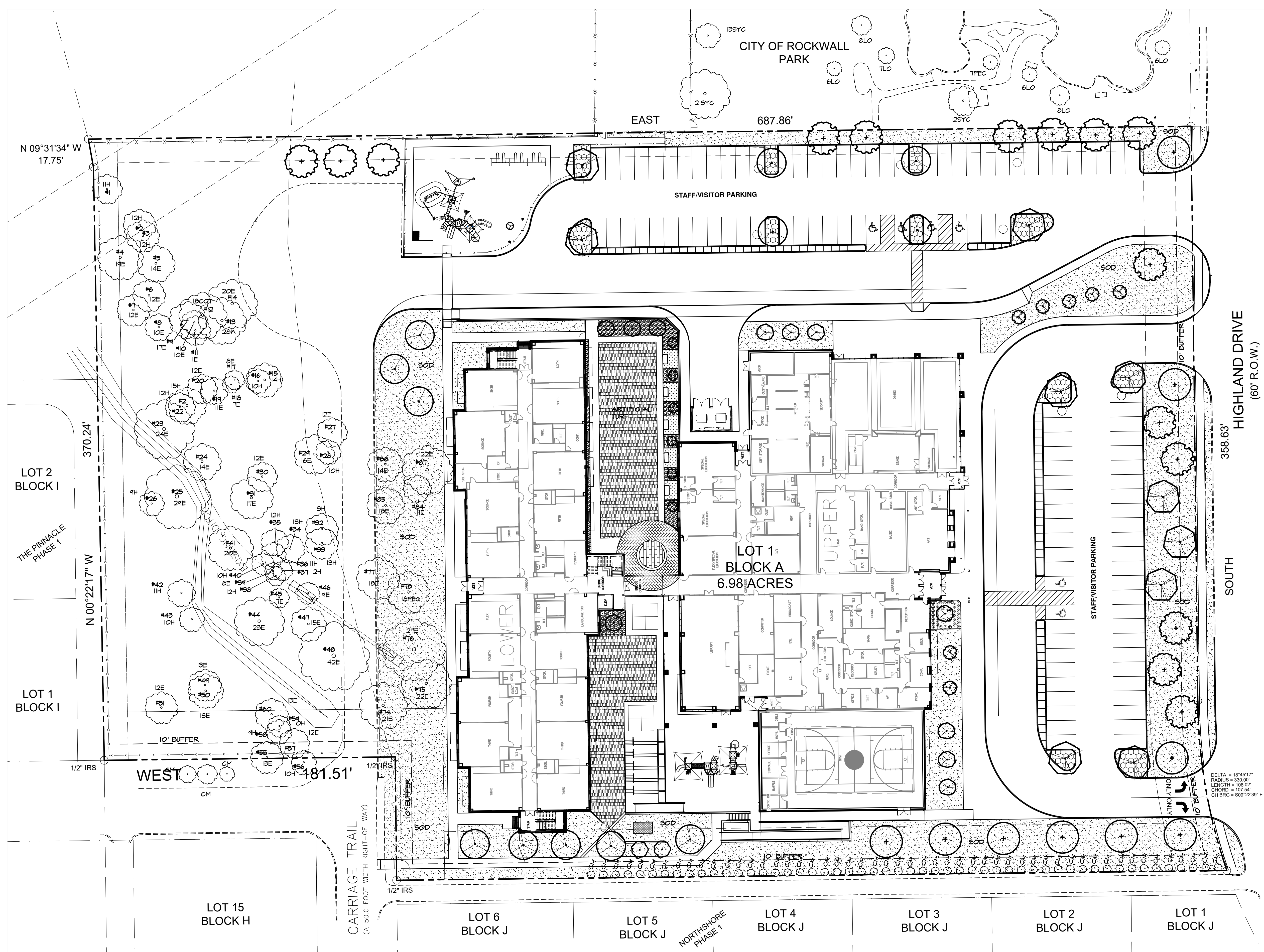
BRICK: 44.5%

STONE: 49.5%

METAL WALL PANEL: 6%

TOTAL MATERIAL PERCENTAGE: 100%





VICINITY MAP
NTS.

SITE DATA SUMMARY TABLE

EXISTING ZONING	SF-10
PROPOSED ZONING	SF-10
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	HC SPACES 106 SPACES
TOTAL PARKING PROVIDED	

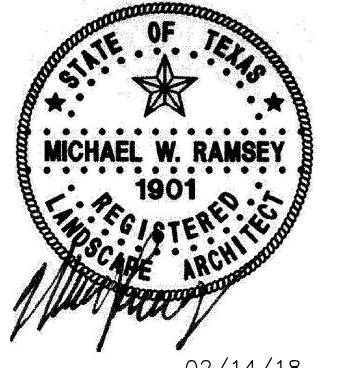
REF. SHEET L2.1
FOR LANDSCAPE LEGEND AND
LANDSCAPE TABULATIONS

RAMSEY LANDSCAPE ARCHITECTS, LLC
1914 WISHING WELL CT.
FRISCO, TEXAS 75035
PHONE (972) 335-0889
FAX (969) 362-5433
EMAIL MIKE.RLA@ATT.NET

V. REINHARDT REPLACEMENT SCHOOL
ROCKWALL SCHOOL ADDITION NO. 2
LOT 1 BLOCK "A"
615 HIGHLAND DRIVE
ROCKWALL, TEXAS

LANDSCAPE PLAN

PERMIT REVIEW



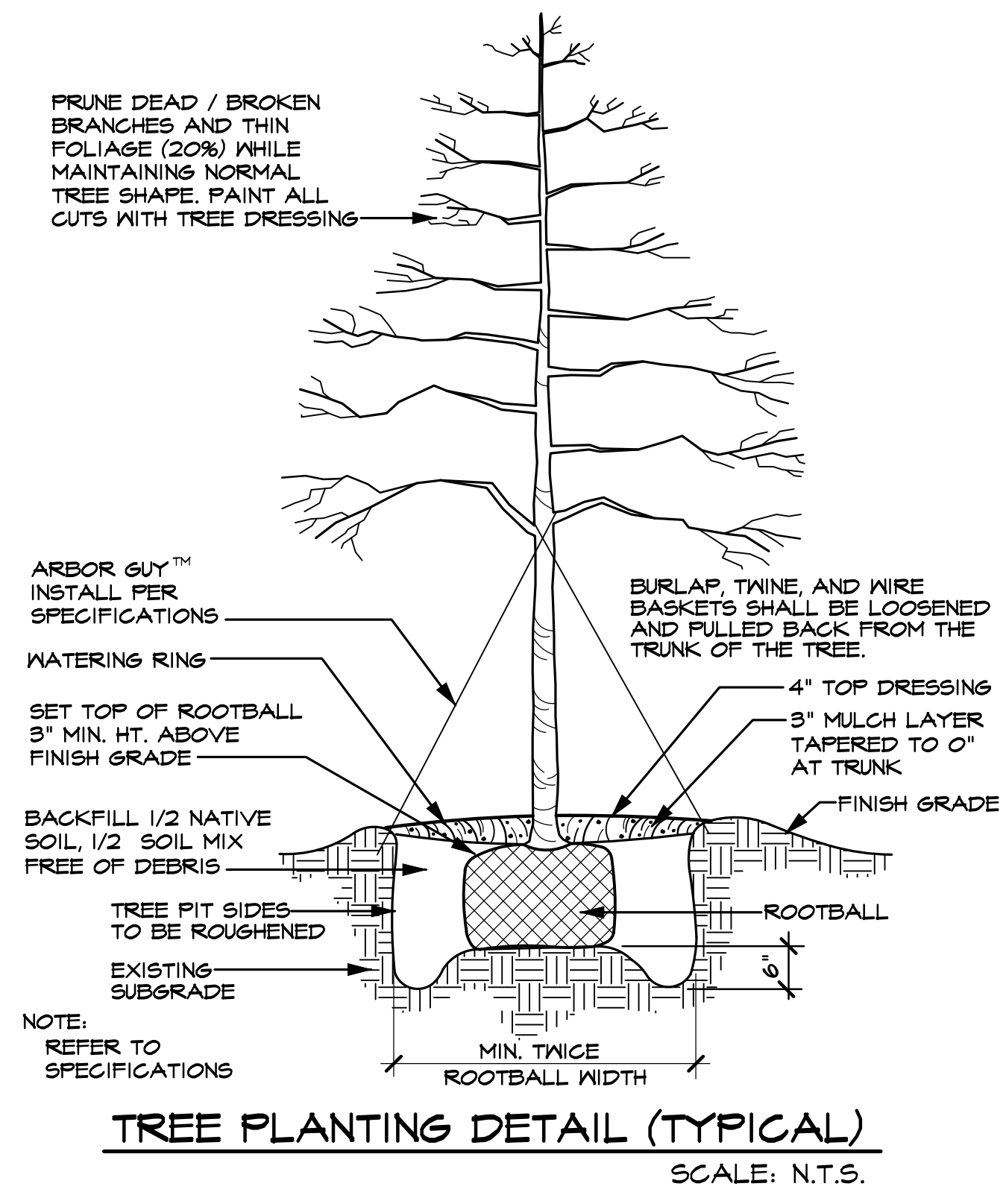
ISSUES/
REVISIONS

DATE: 02/14/2018
SCALE: 1"=30'

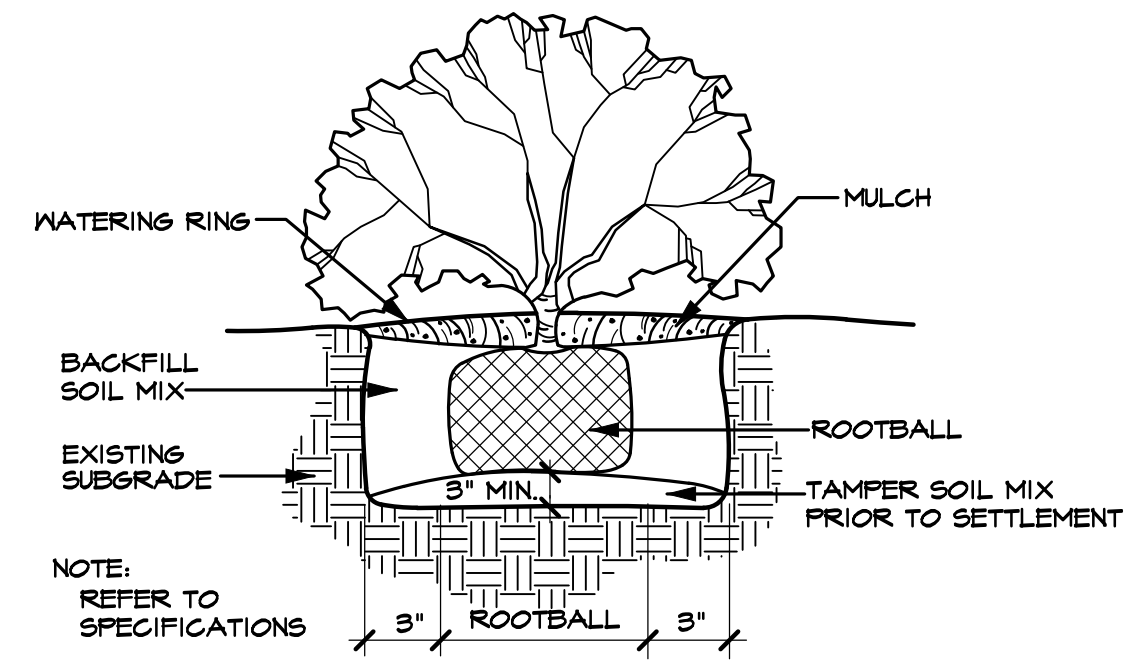
SHEET No.
L1.1

OWNER
ROCKWALL, I.S.D.
1050 WILLIAMS STREET
ROCKWALL, TEXAS 75087
972-771-0605

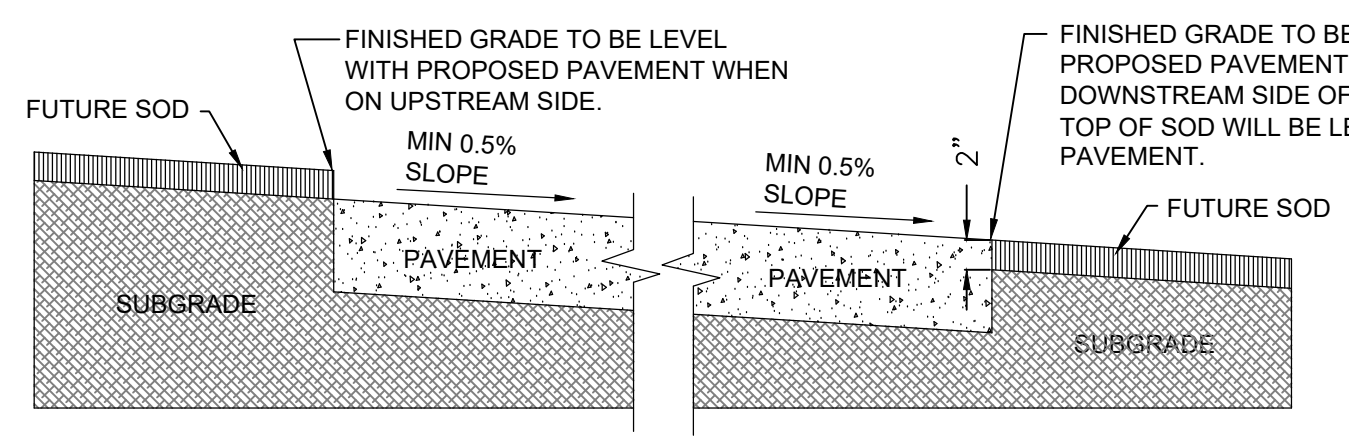
Date: February 12, 2018
Case Number:



TREE PLANTING DETAIL (TYPICAL)
SCALE: N.T.S.



SHRUB PLANTING DETAIL (TYPICAL)
SCALE: N.T.S.



GRADING DETAIL FOR PAVEMENT WITHOUT CURB
SCALE: N.T.S.

LANDSCAPE TABULATIONS

LANDSCAPE BUFFER STRIP
10' WIDE ALONG PERIMETER OF COMMERCIAL THAT ABUTS WITHOUT ALLEY OR DRIVE SEPARATION OR IS DIRECTLY ACROSS STREET FROM RESIDENTIAL, IF COMMERCIAL STRUCTURE EXCEEDS 24' ADJ. TO AN ALLEY 10' BUFFER SHALL BE REQUIRED ALONG ALLEY.
SOUTH RESIDENTIAL BUFFER REQUIRED 10' BUFFER
BUFFER PROVIDED 10' BUFFER

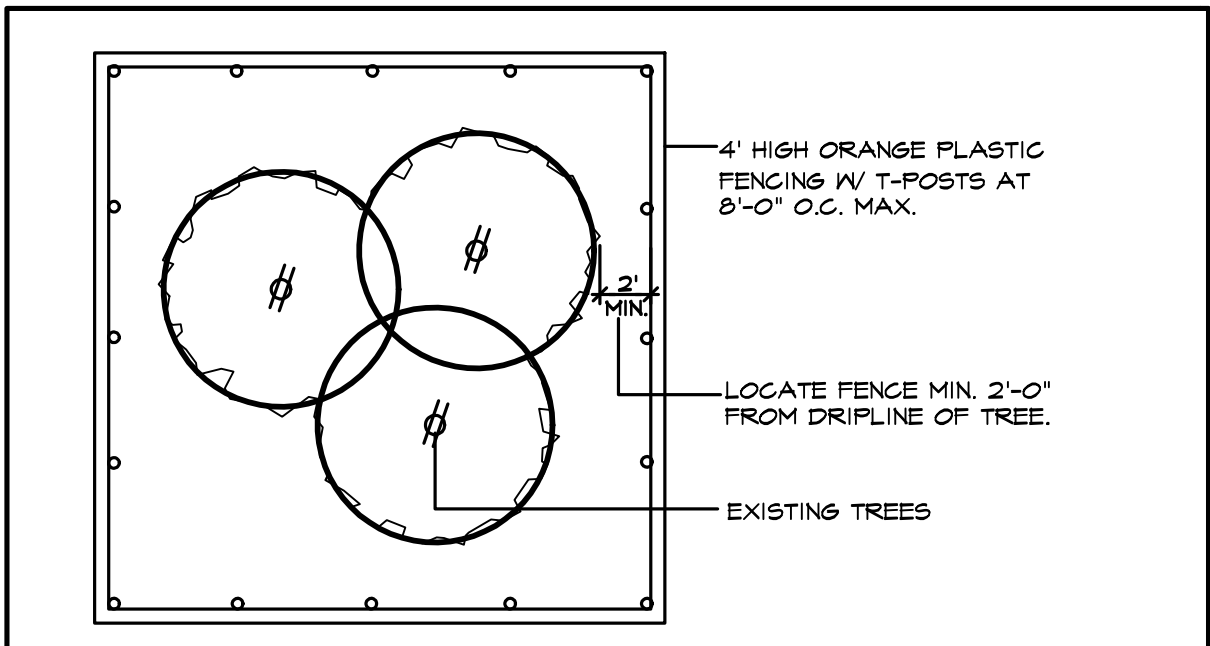
STREET LANDSCAPING
10' BUFFER ALONG MAJOR ARTERIAL OR COLLECTOR, 1 LG. TREE PER 50 LF
EAST STREET BUFFER REQUIRED 10' BUFFER
BUFFER PROVIDED 10' BUFFER
EAST BUFFER TREES REQUIRED (466 LF / 50 LF =) 10 TREES
BUFFER PROVIDED 10 TREES

PARKING LOT LANDSCAPING
LOT WITH 2 ROWS HAVE GREATER OF 5% OR 200 SF LANDSCAPE, IF LOT OVER 20,000 SF 1 LG TREE PER 10 SPACES INTERIOR TO LOT, MAX 80 LF FROM TREE TO SPACE.
PARKING SPACES 109 SPACES
PARKING LANDSCAPE REQUIRED 34,423 SF X 5% =) 1,721 SF
PARKING LANDSCAPE PROVIDED 2,622 SF

AMOUNT OF LANDSCAPING
% LANDSCAPE BY ZONING, COMMERCIAL 15%, 50% LOCATED FRONT AND SIDE, DETENTION LANDSCAPED GRASSES, SHRUBS, TREES IN NATURAL MANNER, 1 TREE PER 750 SF OF DRY LAND AREA.
SITE AREA 304,310 SF
SITE LANDSCAPE REQUIRED 304,310 SF X 15% =) 45,647 SF
SITE LANDSCAPE PROVIDED 113,580 SF
% LANDSCAPE PROVIDED FRONT/SIDE (64%) 29,450 SF
SITE IMPERVIOUS AREA 191,432 SF

TREE MITIGATION
MITIGATION INCHES PER TREE TABLE -599"
PRESERVED CREDIT INCHES PER TREE TABLE +69"
PROPOSED TREES (46 X 4" =) +184"
REMAINING INCHES TO BE MITIGATED TO FUND -346"

ALL REQUIRED LANDSCAPE AREAS TO RECEIVE AUTOMATIC UNDERGROUND IRRIGATION WITH RAIN AND FREEZE PROTECTION TO MEET REQUIREMENTS OF UDC.



- EXISTING TREES WITHIN CONTRACT LIMITS ARE SHOWN ON THE DRAWINGS. EXISTING TREES DESIGNATED FOR REMOVAL SHALL BE FLAGGED AT THE PROJECT SITE WITH FLAGGING BY THE CONTRACTOR.
 - PROTECT ALL INDIVIDUAL TREES OR GROUPS OF TREES TO BE PRESERVED BY ERECTING A BARRIER AROUND EACH TREE OR GROUP OF TREES. INSTALL AND MAINTAIN BARRIER AT TREE DRIPLINE. BARRIERS SHALL REMAIN IN PLACE UNTIL REMOVAL IS NECESSARY.
 - IN THE EVENT THAT HEAVY CONSTRUCTION IS SCHEDULED TO OCCUR WITHIN THE DRIPLINE OF AN EXISTING TREE, CONTRACTOR SHALL ERECT A PROTECTION FENCE OUTSIDE THE DRIPLINE UNTIL THIS CONSTRUCTION IS SCHEDULED TO OCCUR. THE PROTECTION FENCE MAY THEN BE ADJUSTED AS REQUIRED TO COMPLETE THE PROPOSED CONSTRUCTION. AFTER CONSTRUCTION IN THIS AREA IS COMPLETED, THE PROTECTION FENCE SHALL BE ADJUSTED TO ITS ORIGINAL LOCATION.
 - CONTRACTORS SHALL NOT PARK, CLEAN TOOLS AND EQUIPMENT OR STORE MATERIALS WITHIN THE DRIPLINE OF ANY TREE.
 - ALL ROOTS OVER 1" IN DIAMETER SHALL BE CUT CLEAN WITH A HAND SAW.
- TREE PROTECTION FENCE AND NOTES**
SCALE: N.T.S.

TREES					
QUANTITY	SYMBOL	CALLOUT	COMMON NAME	SCIENTIFIC NAME	SIZE & CONDITION
9	(circle with cross)	LIVE OAK	Live Oak	Quercus virginiana	4" caliper, 12'-14' Ht./ 3'-6" spread, B&B straight trunk full rounded canopy
15	(circle with cross and dots)	RED OAK	Shumard Red Oak	Quercus shumardii	4" caliper, 12'-14' Ht./ 3'-6" spread, B&B straight trunk full rounded canopy
10	(circle with lines)	LACEBARK	Lacebark Elm	Ulmus parvifolia	4" caliper, 12'-14' Ht./ 3'-6" spread, B&B straight trunk full rounded canopy
12	(circle with lines)	PISTACHIO	Chinese Pistachio	Pistacia chinensis	4" caliper, 12'-14' Ht./ 3'-6" spread, B&B straight trunk full rounded canopy
7	(circle with lines)	D. WILLOW	Desert Willow	Chiopsis linearis	5'-6" ht, 4'-5' spread, container
2	(circle with dots)	C. MYRTLE	Red flowering Crape Myrtle	Lagerstroemia indica 'Carolina Beauty'	1" caliper per trunk, 5 trunk minimum, 8' Ht./5' spread, B&B
11	(circle with lines)	TREE YAUPON	Yaupon Holly	Ilex vomitoria	3/4" caliper per trunk, 5 trunk min, 8' Ht./4' spread, container, female - heavy berried tree form, limited to 4'
5	(circle with dots)	NELLIE	Tree Nellie R. Stevens Holly	Ilex vomitoria 'Nellie R. Stevens'	6' Ht./3' spread min, container only pyramidal form, full to the ground single straight trunk, bushy, specimen
SHRUBS					
QUANTITY	SYMBOL	CALLOUT	COMMON NAME	SCIENTIFIC NAME	SIZE AND CONDITION
21	(circle with cross)	D.Y. HOLLY	Dwarf Yaupon Holly	Ilex vomitoria 'Nana'	5 gallon, 16" Ht./14" spread, bushy, full to ground
2	(circle with cross)	D.B. HOLLY	Dwarf Burford Holly	Ilex cornuta 'Nana'	5 gallon, 16" Ht./14" spread, bushy, full to ground
26	(circle with cross)	D. FOUNTAIN	Dwarf Fountain Grass	Pennisetum alopecuroides 'hamlin'	1 gallon
4	(circle with cross)	CORALBERRY	Coralberry	Symphoricarpos orbiculatus	1 gallon
GROUND COVER					
QUANTITY	SYMBOL	CALLOUT	COMMON NAME	SCIENTIFIC NAME	SIZE AND CONDITION
AS SHOWN	(dotted pattern)	SOD	Common Bermuda Grass	Cynodon dactylon	Sod refer to specifications
MISCELLANEOUS					
AS SHOWN	(solid line)	B. BOARD	EPIC EDGE BENDER BOARD 6" DEPTH FROM EPIC PLASTICS (EPICPLASTICS.COM) COLOR: PACIFICA GREY		
AS SHOWN	(dotted pattern)	D. GRANITE	Decomposed Granite	4" thick compacted decomposed granite. To be between 1/2" to 1" below curb or adjacent pavement. Separated at grass areas by steel edging.	
AS SHOWN	(dotted pattern)	R. ROCK	5"-6" size colorado river rock, 6"-7" deep. Separate with edging, filter fabric below.		
AS SHOWN	(dotted pattern)	L. ROCK	1" crushed limestone, 4" deep. Separate with edging, filter fabric below.		

LANDSCAPE CONTRACTOR SHALL VERIFY ALL PLANT QUANTITIES

LANDSCAPE NOTES

LANDSCAPE CONTRACTOR SHALL REPLACE ALL AREAS DISTURBED BY CONSTRUCTION. THE DISTURBED AREAS SHALL BE REPLACED WITH SOD OR HYDRO PER THE SPECIFICATIONS UNLESS NOTED OTHERWISE ON THE PLANS.

LANDSCAPE CONTRACTOR SHOULD VISIT SITE AND REFERENCE CIVIL ENGINEER'S GRADING PLAN PRIOR TO BIDDING AND COMMENCEMENT OF CONSTRUCTION TO VERIFY AREAS TO BE DISTURBED BY CONSTRUCTION ACTIVITIES.

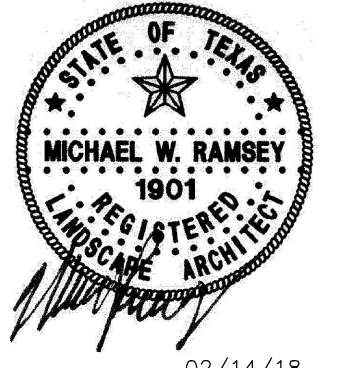
REFERENCE CIVIL PLANS FOR FINAL GRADING AND UTILITIES.

RAMSEY LANDSCAPE ARCHITECTS, LLC
11914 WISHING WELL CT.
FRISCO, TEXAS 75035
PHONE (972) 335-0889
FAX (969) 362-5433
EMAIL: MIKE.RLA@ATT.NET

V. REINHARDT REPLACEMENT SCHOOL
ROCKWALL SCHOOL ADDITION NO. 2
LOT 1 BLOCK "A"
615 HIGHLAND DRIVE
ROCKWALL, TEXAS

LANDSCAPE DETAILS

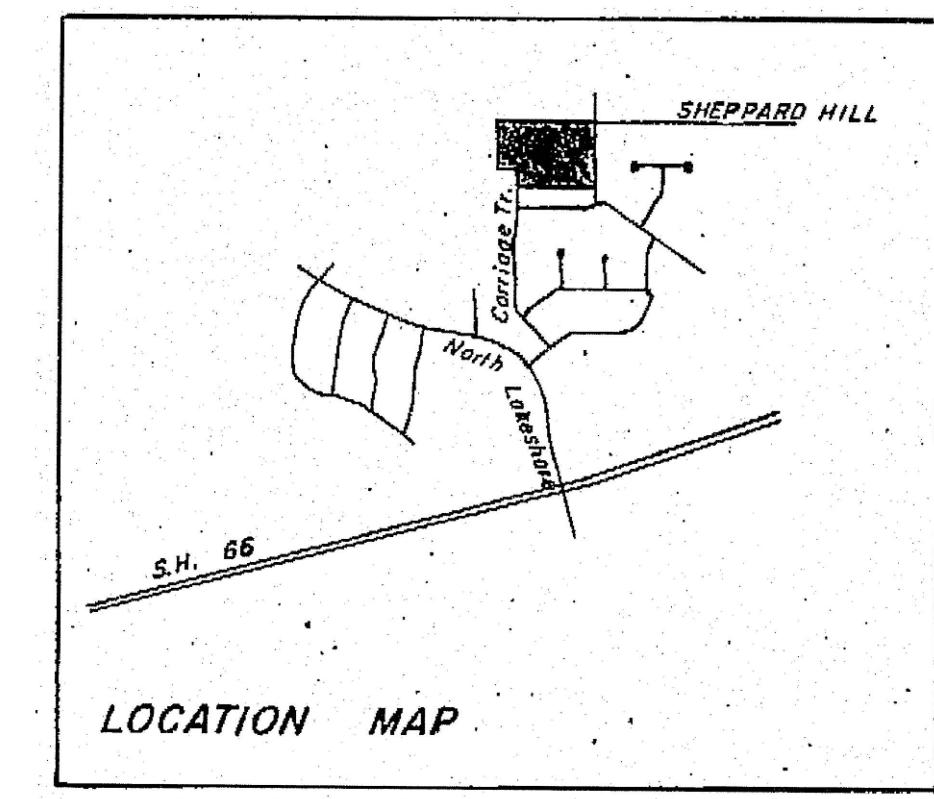
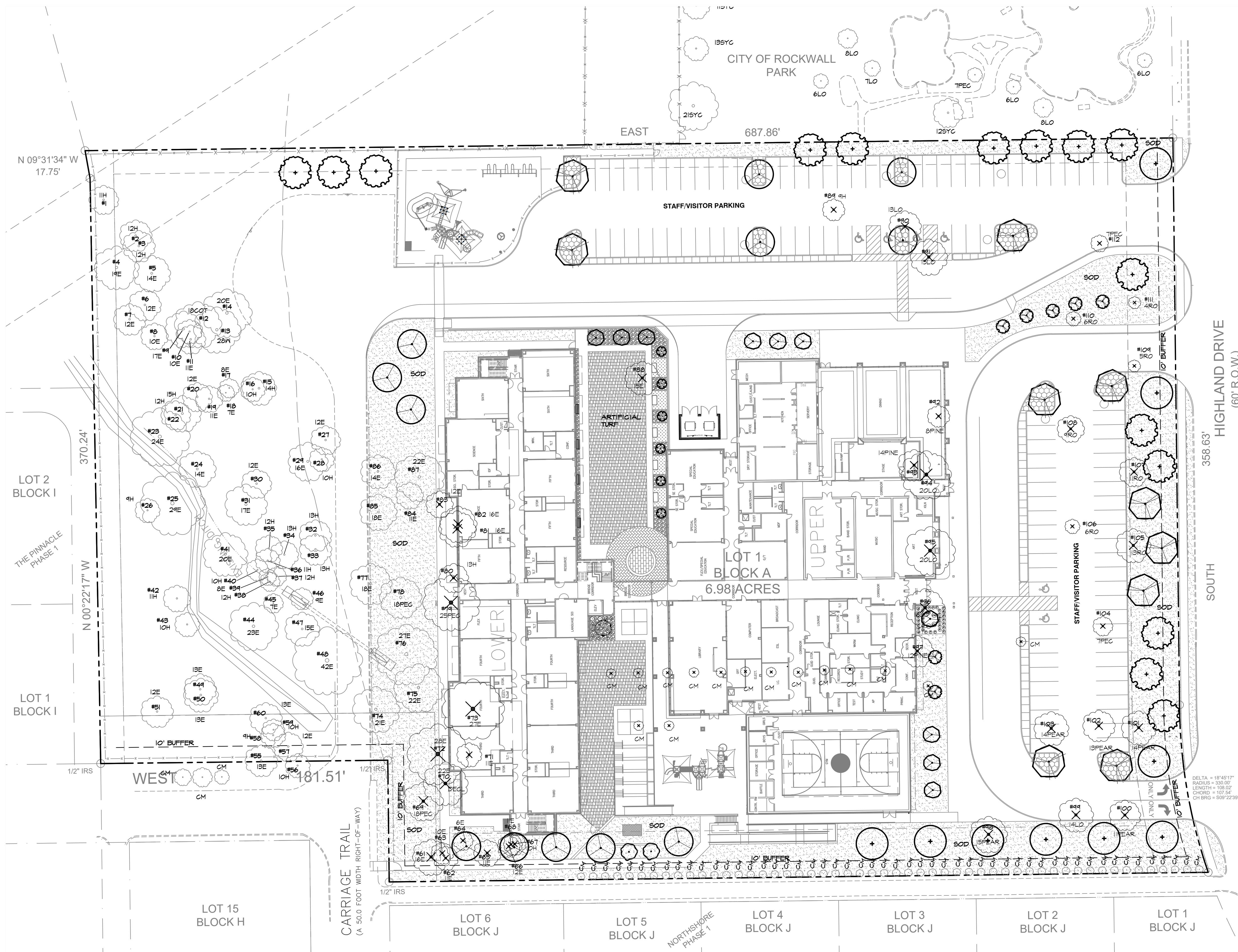
PERMIT REVIEW



ISSUES/
REVISIONS

DATE: 02/14/2018
SCALE: AS SHOWN

SHEET No.
L2.2



VICINITY MAP
NTS

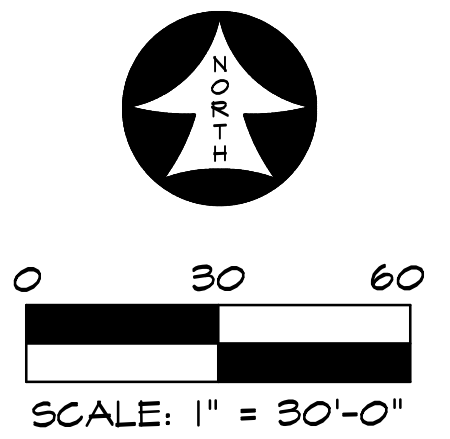
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CLASSROOM BUILDING HEIGHT - AREA A	38'-0" (2 STORY) *MEASURED TO PARAPET*

PARKING REQUIREMENTS	
HOME ROOM - CLASSROOMS	28 CLASSROOMS
2.5 PER HOMEROOM CLASSROOMS	70 SPACES REQUIRED
STUDENTS (K-6TH)	750 STUDENTS
PARKING PROVIDED	
PARKING ELEMENTARY SCHOOL	(9.0' X 20.0') 74 SPACES
	(9.0' X 18.0') 27 SPACES
	HC SPACES 5 SPACES
TOTAL PARKING PROVIDED	106 SPACES

REF. SHEET TS2.1
TREESCAPE TREE CHART

DELTA = 18°45'17"
RADIUS = 630.00'
LENGTH = 108.02'
CHORD = 107.54'
CH BEG = 539°22'30" E

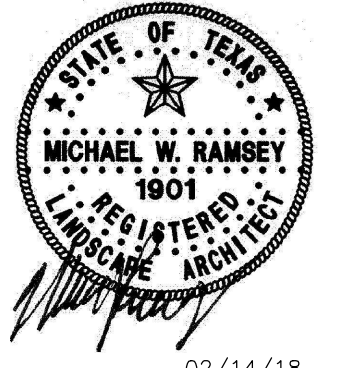


RAMSEY LANDSCAPE ARCHITECTS, LLC
11914 WISHING WELL CT.
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V. REINHARDT REPLACEMENT SCHOOL
ROCKWALL SCHOOL ADDITION NO. 2
LOT 1 BLOCK "A"
615 HIGHLAND DRIVE
ROCKWALL, TEXAS

TREESCAPE PLAN

PERMIT REVIEW



ISSUES/
REVISIONS

DATE: 02/14/2018
SCALE: 1"=30'

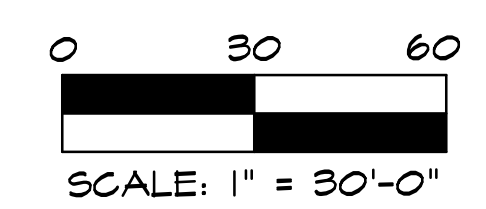
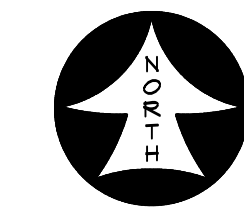
SHEET No.
TS1.1

Date: February 12, 2018
Case Number:

EXISTING TREE CHART

TREE #	SIZE	TYPE	DEM/SAVE	MITIGATE	CREDIT	MITIGATE
1	11	HACKBERRY	SAVE	-	-	0"
2	12	HACKBERRY	SAVE	-	-	0"
3	12	HACKBERRY	SAVE	-	-	0"
4	19	ELM	SAVE	-	-	0"
5	14	ELM	SAVE	-	-	0"
6	12	ELM	SAVE	-	-	0"
7	12	ELM	SAVE	-	-	0"
8	10	ELM	SAVE	-	-	0"
9	17	ELM	SAVE	-	-	0"
10	10	ELM	SAVE	-	-	0"
11	11	ELM	SAVE	-	-	0"
12	18	COTTONWOOD	SAVE	-	-	0"
13	28	WILLOW	SAVE	-	-	0"
14	20	ELM	SAVE	-	-	0"
15	14	HACKBERRY	SAVE	-	-	0"
16	10	HACKBERRY	SAVE	-	-	0"
17	8	ELM	SAVE	-	-	0"
18	7	ELM	SAVE	-	-	0"
19	11	ELM	SAVE	-	-	0"
20	12	ELM	SAVE	-	-	0"
21	15	HACKBERRY	SAVE	-	-	0"
22	12	HACKBERRY	SAVE	-	-	0"
23	24	ELM	SAVE	-	-	0"
24	14	ELM	SAVE	-	-	0"
25	10"	ELM	SAVE	-	-	0"
26	9	HACKBERRY	SAVE	-	-	0"
27	12	ELM	SAVE	-	-	0"
28	10	HACKBERRY	SAVE	-	-	0"
29	16	ELM	SAVE	-	-	0"
30	12	ELM	SAVE	-	-	0"
31	17	ELM	SAVE	-	-	0"
32	13	HACKBERRY	SAVE	-	-	0"
33	13	HACKBERRY	SAVE	-	-	0"
34	13	HACKBERRY	SAVE	-	-	0"
35	12	HACKBERRY	SAVE	-	-	0"
36	11	HACKBERRY	SAVE	-	-	0"
37	12	HACKBERRY	SAVE	-	-	0"
38	12	HACKBERRY	SAVE	-	-	0"
39	8	ELM	SAVE	-	-	0"
40	10	HACKBERRY	SAVE	-	-	0"
41	20	ELM	SAVE	-	-	0"
42	11	HACKBERRY	SAVE	-	-	0"
43	10	HACKBERRY	SAVE	-	-	0"
44	23	ELM	SAVE	-	-	0"
45	7	ELM	SAVE	-	-	0"
46	9	ELM	SAVE	-	-	0"
47	15	ELM	SAVE	-	-	0"
48	42	ELM	SAVE	-	+42	0"
49	13	ELM	SAVE	-	-	0"
50	13	ELM	SAVE	-	-	0"
51	12	ELM	SAVE	-	-	0"
52	3	C.MYRTLE	SAVE	-	-	0"
53	3	C.MYRTLE	SAVE	-	-	0"
54	3	C.MYRTLE	SAVE	-	-	0"
55	13	ELM	SAVE	-	-	0"
56	10	HACKBERRY	SAVE	-	-	0"
57	12	HACKBERRY	SAVE	-	-	0"
58	9	HACKBERRY	SAVE	-	-	0"
59	10	HACKBERRY	SAVE	-	-	0"
60	13	ELM	SAVE	-	-	0"

61	16	ELM	DEMO	-16	-	0"
62	11	ELM	DEMO	-11	-	0"
63	10	ELM	DEMO	-10	-	0"
64	6	ELM	DEMO	-6	-	0"
65	11	ELM	DEMO	-11	-	0"
66	12	ELM	DEMO	-12	-	0"
67	10	HACKBERRY	DEMO	0	-	0"
68	11	ELM	DEMO	-11	-	0"
69	18	PECAN	DEMO	-18	-	0"
70	22	ELM	DEMO	-22	-	0"
71	11	ELM	DEMO	-11	-	0"
72	28	ELM	DEMO	-56	-	0"
73	27	ELM	DEMO	-54	-	0"
74	21	ELM	SAVE	-	-	0"
75	22	ELM	SAVE	-	-	0"
76	27	ELM	SAVE	-	+27	0"
77	18	ELM	SAVE	-	-	0"
78	18	PECAN	SAVE	-	-	0"
79	25	PECAN	DEMO	-25	-	0"
80	13	HACKBERRY	DEMO	-7	-	0"
81	16	ELM	DEMO	-16	-	0"
82	16	ELM	DEMO	-16	-	0"
83	12	ELM	DEMO	-12	-	0"
84	11	ELM	SAVE	-	-	0"
85	18	ELM	SAVE	-	-	0"
86	14	ELM	SAVE	-	-	0"
87	22	ELM	SAVE	-	-	0"
88	15	ELM	DEMO	-15	-	0"
89	9	HACKBERRY	DEMO	0	-	0"
90	13	LIVE OAK	DEMO	-13	-	0"
91	15	LIVE OAK	DEMO	-15	-	0"
92	8	PINE	DEMO	-8	-	0"
93	14	PINE	DEMO	-14	-	0"
94	20	LIVE OAK	DEMO	-20	-	0"
95	20	LIVE OAK	DEMO	-20	-	0"
96	16	LIVE OAK	DEMO	-16	-	0"
97	12	PINE	DEMO	-12	-	0"
98	15	PEAR	DEMO	-15	-	0"
99	14	LIVE OAK	DEMO	-14	-	0"
100	11	PEAR	DEMO	-11	-	0"
101	14	PEAR	DEMO	-14	-	0"
102	13	PEAR	DEMO	-13	-	0"
103	14	PEAR	DEMO	-14	-	0"
104	7	PECAN	DEMO	-7	-	0"
105	13	RED OAK	DEMO	-13	-	0"
106	6	RED OAK	DEMO	-6	-	0"
107	11	RED OAK	DEMO	-11	-	0"
108	9	RED OAK	DEMO	-9	-	0"
109	5	RED OAK	DEMO	-5	-	0"
110	6	RED OAK	DEMO	-6	-	0"
111	4	RED OAK	DEMO	-4	-	0"
112	7	PECAN	DEMO	-7	-	0"
				MITIGATE	CREDIT	
				-549	+69	
PROPOSED TREES (46 X 4" =)						+184"



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PERMIT REVIEW



02/14/18

ISSUES/
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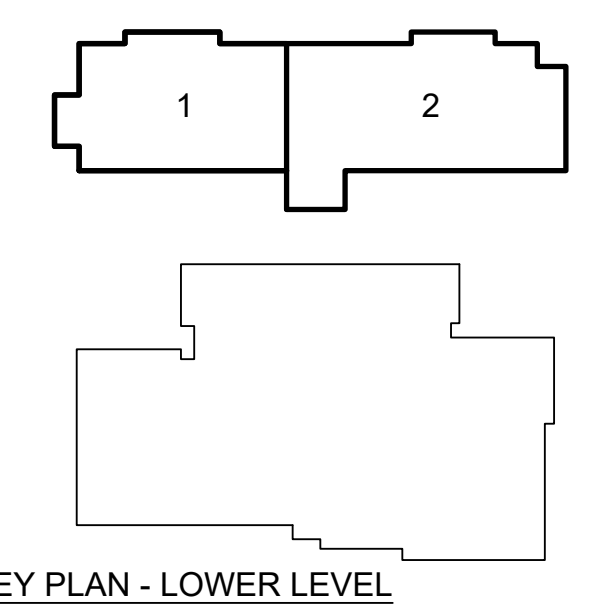
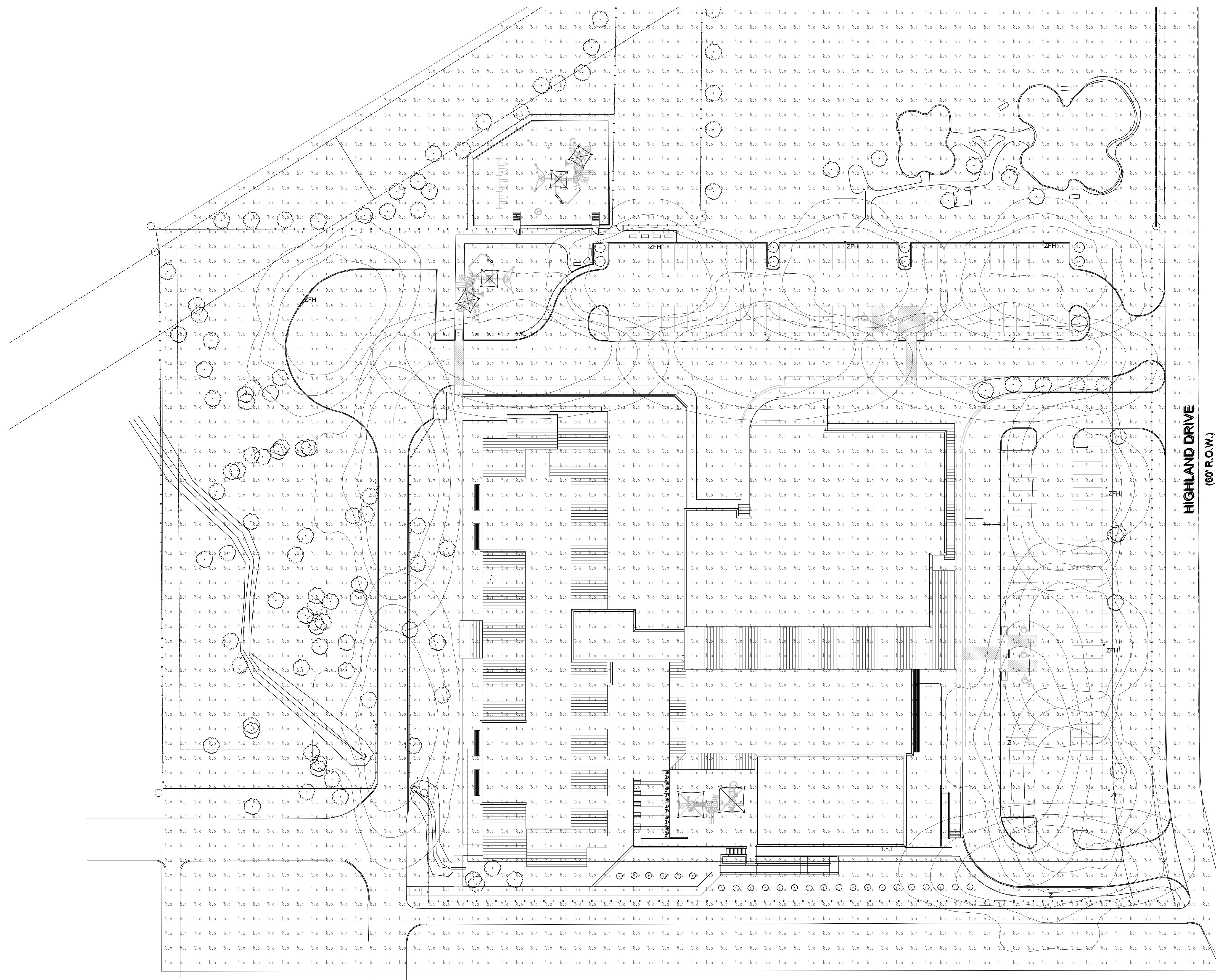
SHEET No.
TS2.1

Date: February 12, 2018
 Case Number: _____

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Min
PARKING LOT_Planar	Illuminance	Fc	0.41	4.0	0.0	N.A.

PHOTOMETRIC CALCULATIONS GENERAL NOTES
(SOME NOTES MAY NOT BE USED)

1. THESE PLANS ARE ACCURATE AND DESIGNED IN COMPLIANCE WITH AND MEET THE REQUIREMENTS OF THE TOWN OF ROCKWALL, TX OUTDOOR LIGHTING ORDINANCE IN EFFECT AT THE TIME OF THE SUBMISSION OF PLANS.
2. ALL CALCULATIONS SHOWN ARE AT THE GROUND LEVEL AND ARE MEASURED HORIZONTALLY.
3. LIGHTING CALCULATIONS HAVE BEEN PRODUCED USING AG32 LIGHTING SOFTWARE BY LIGHTING ANALYSTS, INC.



REINHARDT ELEMENTARY REPLACEMENT SCHOOL
 FOR
 ROCKWALL I.S.D.
 ROCKWALL, TEXAS

Project

REVIEW ONLY
 NOT FOR CONSTRUCTION
 Feb 15, 2018

Huckabee
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 www.huckabee-inc.com
 800.687.2229

JASON W. REED **JAMES M. TATE III**
 TEXAS P.E. 105120 TEXAS P.E. 102427
 Feb 15, 2018 Feb 15, 2018

EMA EMA Engineering and Consulting
 Tyler • Austin • Houston
 Phone: 1-800-933-0538
 TBPE Firm Registration No. F-893
 www.estesmclure.com

**ELECTRICAL
PHOTOMETRIC SITE PLAN**

Job No. 1738-06-01 Sheet No.
 Drawn By: SSW
 Date: 02-23-2018 **ES1.2**

1 ELECTRICAL PHOTOMETRIC SITE PLAN
1"=30'-0"

SUBMISSION OF BID WILL BE CONSIDERED AN ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.