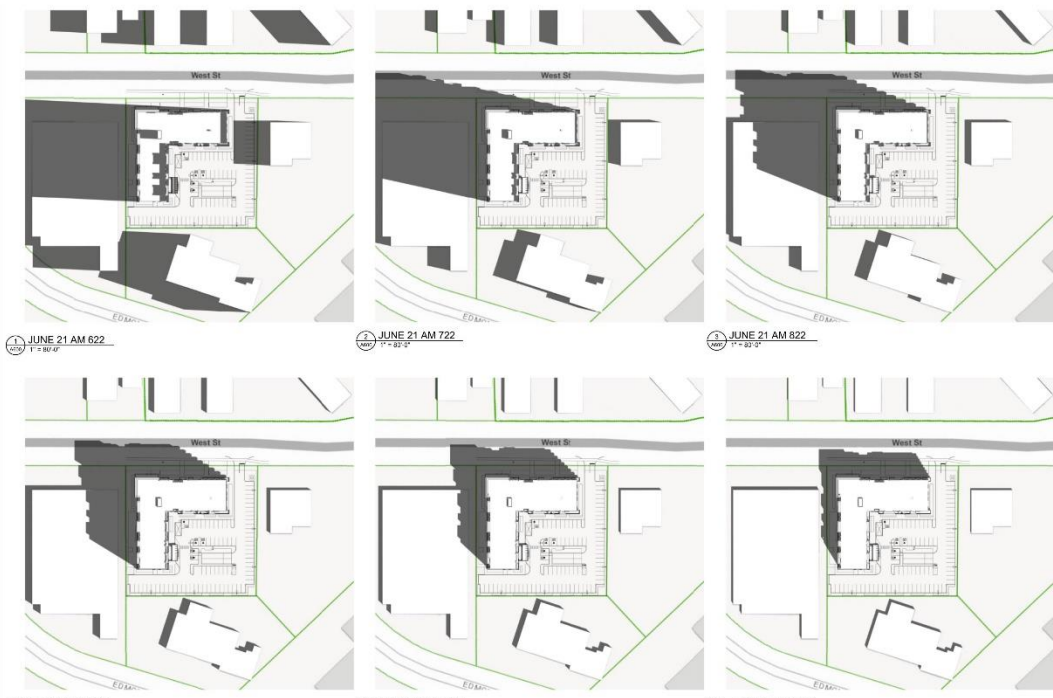


Appendix F: Sun/Shadow Study

NOT ISSUED FOR CONSTRUCTION



JUNE 21 AM 622
T = 90°

JUNE 21 AM 722
T = 83°

JUNE 21 AM 822
T = 77°

JUNE 21 AM 922
T = 70°

JUNE 21 AM 1022
T = 63°

JUNE 21 AM 1122
T = 57°

No.	Revisions	Date

ISSUANCE SCHEDULE

DATE THIS DRAWING, SET OR CHANGE SHOULD BE REVISIONED. SETS, CORR. AND REV. 1.00 TO 1.99 ARE FOR THE ORIGINAL SET. REV. 2.00 TO 2.99 ARE FOR THE FIRST REVISION. REV. 3.00 TO 3.99 ARE FOR THE SECOND REVISION. REV. 4.00 TO 4.99 ARE FOR THE THIRD REVISION. REV. 5.00 TO 5.99 ARE FOR THE FOURTH REVISION. REV. 6.00 TO 6.99 ARE FOR THE FIFTH REVISION. REV. 7.00 TO 7.99 ARE FOR THE SIXTH REVISION. REV. 8.00 TO 8.99 ARE FOR THE SEVENTH REVISION. REV. 9.00 TO 9.99 ARE FOR THE EIGHTH REVISION. REV. 10.00 TO 10.99 ARE FOR THE NINTH REVISION. REV. 11.00 TO 11.99 ARE FOR THE TENTH REVISION. REV. 12.00 TO 12.99 ARE FOR THE ELEVENTH REVISION. REV. 13.00 TO 13.99 ARE FOR THE TWELFTH REVISION. REV. 14.00 TO 14.99 ARE FOR THE THIRTEENTH REVISION. REV. 15.00 TO 15.99 ARE FOR THE FOURTEENTH REVISION. REV. 16.00 TO 16.99 ARE FOR THE FIFTEENTH REVISION. REV. 17.00 TO 17.99 ARE FOR THE SIXTEENTH REVISION. REV. 18.00 TO 18.99 ARE FOR THE SEVENTEENTH REVISION. REV. 19.00 TO 19.99 ARE FOR THE EIGHTEENTH REVISION. REV. 20.00 TO 20.99 ARE FOR THE NINETEENTH REVISION. REV. 21.00 TO 21.99 ARE FOR THE TWENTIETH REVISION. REV. 22.00 TO 22.99 ARE FOR THE TWENTY-FIRST REVISION. REV. 23.00 TO 23.99 ARE FOR THE TWENTY-SECOND REVISION. REV. 24.00 TO 24.99 ARE FOR THE TWENTY-THIRD REVISION. REV. 25.00 TO 25.99 ARE FOR THE TWENTY-FOURTH REVISION. REV. 26.00 TO 26.99 ARE FOR THE TWENTY-FIFTH REVISION. REV. 27.00 TO 27.99 ARE FOR THE TWENTY-SIXTH REVISION. REV. 28.00 TO 28.99 ARE FOR THE TWENTY-SEVENTH REVISION. REV. 29.00 TO 29.99 ARE FOR THE TWENTY-EIGHTH REVISION. REV. 30.00 TO 30.99 ARE FOR THE TWENTY-NINTH REVISION. REV. 31.00 TO 31.99 ARE FOR THE THIRTIETH REVISION. REV. 32.00 TO 32.99 ARE FOR THE THIRTY-FIRST REVISION. REV. 33.00 TO 33.99 ARE FOR THE THIRTY-SECOND REVISION. REV. 34.00 TO 34.99 ARE FOR THE THIRTY-THIRD REVISION. REV. 35.00 TO 35.99 ARE FOR THE THIRTY-FOURTH REVISION. REV. 36.00 TO 36.99 ARE FOR THE THIRTY-FIFTH REVISION. REV. 37.00 TO 37.99 ARE FOR THE THIRTY-SIXTH REVISION. REV. 38.00 TO 38.99 ARE FOR THE THIRTY-SEVENTH REVISION. REV. 39.00 TO 39.99 ARE FOR THE THIRTY-EIGHTH REVISION. REV. 40.00 TO 40.99 ARE FOR THE THIRTY-NINTH REVISION. REV. 41.00 TO 41.99 ARE FOR THE FORTIETH REVISION. REV. 42.00 TO 42.99 ARE FOR THE FORTY-FIRST REVISION. REV. 43.00 TO 43.99 ARE FOR THE FORTY-SECOND REVISION. REV. 44.00 TO 44.99 ARE FOR THE FORTY-THIRD REVISION. REV. 45.00 TO 45.99 ARE FOR THE FORTY-FOURTH REVISION. REV. 46.00 TO 46.99 ARE FOR THE FORTY-FIFTH REVISION. REV. 47.00 TO 47.99 ARE FOR THE FORTY-SIXTH REVISION. REV. 48.00 TO 48.99 ARE FOR THE FORTY-SEVENTH REVISION. REV. 49.00 TO 49.99 ARE FOR THE FORTY-EIGHTH REVISION. REV. 50.00 TO 50.99 ARE FOR THE FORTY-NINTH REVISION. REV. 51.00 TO 51.99 ARE FOR THE FIFTIETH REVISION. REV. 52.00 TO 52.99 ARE FOR THE FIFTY-FIRST REVISION. REV. 53.00 TO 53.99 ARE FOR THE FIFTY-SECOND REVISION. REV. 54.00 TO 54.99 ARE FOR THE FIFTY-THIRD REVISION. 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REV. 73.00 TO 73.99 ARE FOR THE SEVENTY-SECOND REVISION. REV. 74.00 TO 74.99 ARE FOR THE SEVENTY-THIRD REVISION. REV. 75.00 TO 75.99 ARE FOR THE SEVENTY-FOURTH REVISION. REV. 76.00 TO 76.99 ARE FOR THE SEVENTY-FIFTH REVISION. REV. 77.00 TO 77.99 ARE FOR THE SEVENTY-SIXTH REVISION. REV. 78.00 TO 78.99 ARE FOR THE SEVENTY-SEVENTH REVISION. REV. 79.00 TO 79.99 ARE FOR THE SEVENTY-EIGHTH REVISION. REV. 80.00 TO 80.99 ARE FOR THE SEVENTY-NINTH REVISION. REV. 81.00 TO 81.99 ARE FOR THE EIGHTIETH REVISION. REV. 82.00 TO 82.99 ARE FOR THE EIGHTY-FIRST REVISION. REV. 83.00 TO 83.99 ARE FOR THE EIGHTY-SECOND REVISION. REV. 84.00 TO 84.99 ARE FOR THE EIGHTY-THIRD REVISION. REV. 85.00 TO 85.99 ARE FOR THE EIGHTY-FOURTH REVISION. REV. 86.00 TO 86.99 ARE FOR THE EIGHTY-FIFTH REVISION. REV. 87.00 TO 87.99 ARE FOR THE EIGHTY-SIXTH REVISION. REV. 88.00 TO 88.99 ARE FOR THE EIGHTY-SEVENTH REVISION. REV. 89.00 TO 89.99 ARE FOR THE EIGHTY-EIGHTH REVISION. REV. 90.00 TO 90.99 ARE FOR THE EIGHTY-NINTH REVISION. REV. 91.00 TO 91.99 ARE FOR THE NINETY REVISION. REV. 92.00 TO 92.99 ARE FOR THE NINETY-FIRST REVISION. REV. 93.00 TO 93.99 ARE FOR THE NINETY-SECOND REVISION. REV. 94.00 TO 94.99 ARE FOR THE NINETY-THIRD REVISION. REV. 95.00 TO 95.99 ARE FOR THE NINETY-FOURTH REVISION. REV. 96.00 TO 96.99 ARE FOR THE NINETY-FIFTH REVISION. REV. 97.00 TO 97.99 ARE FOR THE NINETY-SIXTH REVISION. REV. 98.00 TO 98.99 ARE FOR THE NINETY-SEVENTH REVISION. REV. 99.00 TO 99.99 ARE FOR THE NINETY-EIGHTH REVISION. REV. 100.00 TO 100.99 ARE FOR THE HUNDRETH REVISION.

DEVELOPMENT CONSULTANT:
 API ARCHITECTURE INC.
 100 WEST STREET, SUITE 1000
 WEST VANCOUVER, BC V8V 2R2
 P: 604.273.0000

ARCHITECT:
 SAI SADIQI ARCHITECTS INC.
 100 WEST STREET, SUITE 1000
 WEST VANCOUVER, BC V8V 2R2
 P: 604.273.0000

ENGINEER:
 SAHARUDDIN ENGINEERING INC.
 100 WEST STREET, SUITE 1000
 WEST VANCOUVER, BC V8V 2R2
 P: 604.273.0000

PROJECT:
 WEST ST. RETIREMENT HOME

BY WEST STREET ARCHITECTS INC.

SHADOW STUDY - SUMMER

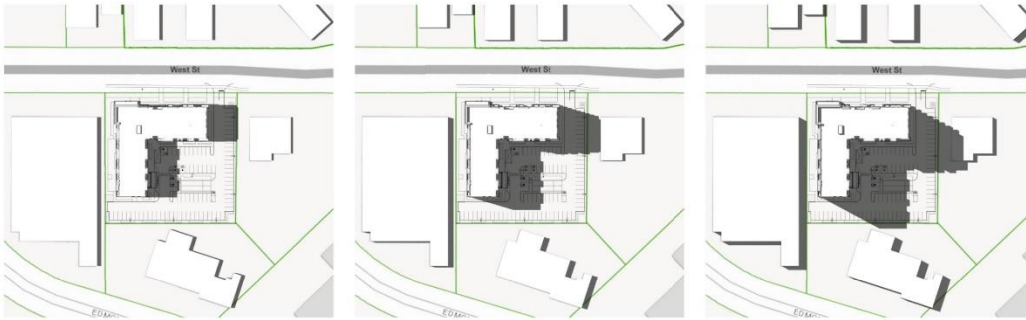
DATE: 2015-06-22
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 PROJECT NO.: [Number]
 SCALE: 1:100
 SHEET NO.: A600



1 JUNE 21 PM 1222
1" = 80'-0"

2 JUNE 21 PM 122 (SOLAR NOON)
1" = 80'-0"

3 JUNE 21 PM 222
1" = 80'-0"



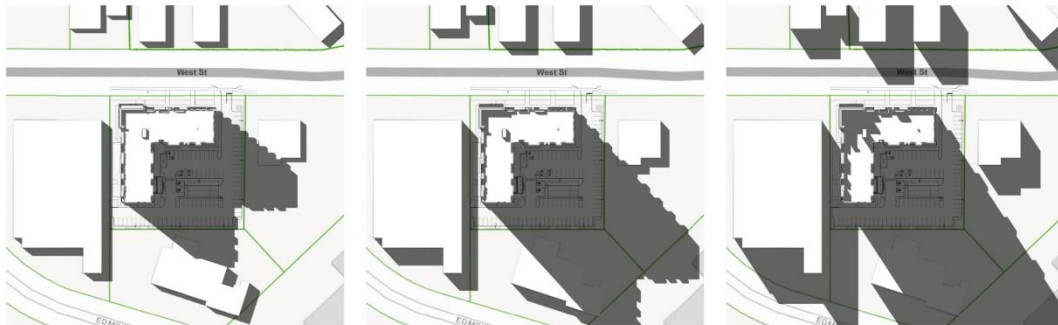
4 JUNE 21 PM 322
1" = 80'-0"

5 JUNE 21 PM 422
1" = 80'-0"

6 JUNE 21 PM 522
1" = 80'-0"

NOT ISSUED FOR CONSTRUCTION

No.	Description	Date
ISSUANCE SCHEDULE		
SUBJECT TO BE REVIEWED. ISSUES TO BE REVIEWED THROUGH THE COMMUNITY. CITY ENGINEERING AND PUBLIC WORKS DEPARTMENT. CITY OF CHICAGO. DEPARTMENT OF PUBLIC WORKS.		
DEVELOPMENT CONSULTANT: ARCHITECTURAL INC. 100 SOUTH LAKE STREET CHICAGO, IL 60606		
ARCHITECT: SAI SAI PLUS CHICAGO, IL		
CLIENT: WEST ST. RETIREMENT HOME		
PROJECT: WEST ST. RETIREMENT HOME		
SHADOW STUDY - SUMMER		
SHEET NO. A601		



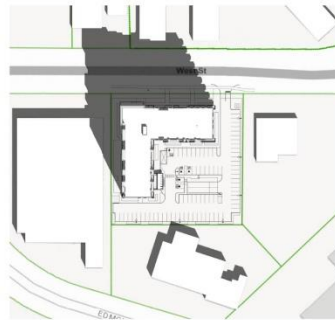
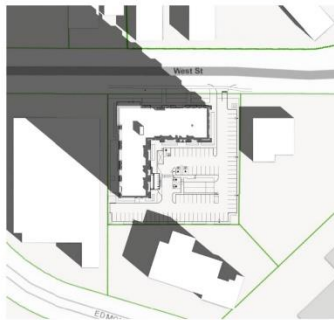
7 JUNE 21 PM 622
1" = 80'-0"

8 JUNE 21 PM 722
1" = 80'-0"

9 JUNE 21 PM 822
1" = 80'-0"

NOT ISSUED FOR CONSTRUCTION

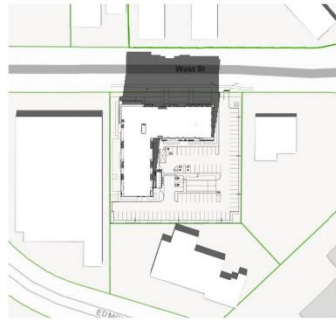
No.	Description	Date
ISSUANCE SCHEDULE		
SUBJECT TO BE REVIEWED. ISSUES TO BE REVIEWED THROUGH THE COMMUNITY. CITY ENGINEERING AND PUBLIC WORKS DEPARTMENT. CITY OF CHICAGO. DEPARTMENT OF PUBLIC WORKS.		
DEVELOPMENT CONSULTANT: ARCHITECTURAL INC. 100 SOUTH LAKE STREET CHICAGO, IL 60606		
ARCHITECT: SAI SAI PLUS CHICAGO, IL		
CLIENT: WEST ST. RETIREMENT HOME		
PROJECT: WEST ST. RETIREMENT HOME		
SHADOW STUDY - SUMMER		
SHEET NO. A602		



1 SEPT 21 AM 8:14
T= 80° F

2 SEPT 21 AM 9:14
T= 80° F

3 SEPT 21 AM 10:14
T= 80° F



4 SEPT 21 AM 11:14
T= 80° F

5 SEPT 21 PM 12:14
T= 80° F

6 SEPT 21 PM 1:14 (SOLAR NOON)
T= 80° F

NOT ISSUED FOR CONSTRUCTION

No.	Description	Date

ISSUANCE SCHEDULE

DO NOT SCALE DRAWING UNLESS SPECIFICALLY NOTED. SCALE OF THIS DRAWING IS AS SHOWN. ALL DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED. THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND SHALL BE KEPT UNDER LOCK AND KEY.

DESIGN/PROJECT CONSULTANT:
API ARCHITECTS INC.
307 CHERRY STREET, SUITE 100
COLUMBIA, SC 29205-3838
PH: 803.733.8888

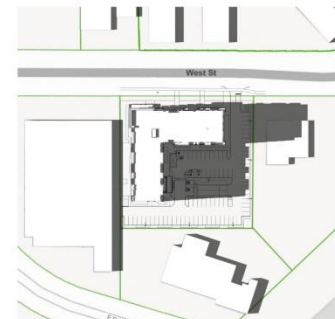
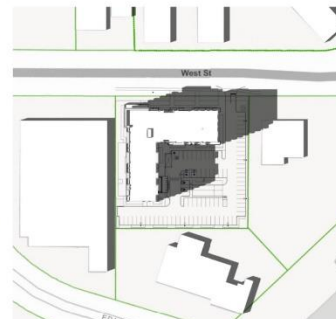
ARCHITECT:
SAI SAPIUS ARCHITECTS
1001 CHERRY STREET, SUITE 200
COLUMBIA, SC 29205-3838
PH: 803.733.8888

CLIENT:
WEST ST. RETIREMENT HOME
611 WEST STREET
COLUMBIA, SC

PROJECT LOCATION:
WEST ST. RETIREMENT HOME
611 WEST STREET
COLUMBIA, SC

DATE:
2015.09.21
DRAWN BY:
S.M.
CHECKED BY:
S.M.
SCALE:
1" = 32'-0"

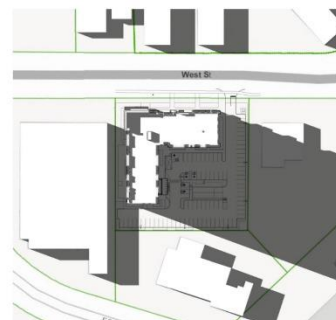
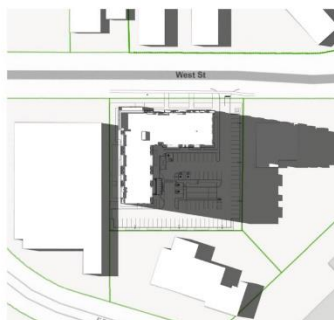
A603
S.M.
S.M.
S.M.



7 SEPT 21 PM 2:14
T= 87° F

8 SEPT 21 PM 3:14
T= 87° F

9 SEPT 21 PM 4:14
T= 87° F



10 SEPT 21 PM 5:14
T= 87° F

11 SEPT 21 PM 6:14
T= 87° F

NOT ISSUED FOR CONSTRUCTION

No.	Description	Date

ISSUANCE SCHEDULE

DO NOT SCALE DRAWING UNLESS SPECIFICALLY NOTED. SCALE OF THIS DRAWING IS AS SHOWN. ALL DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED. THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND SHALL BE KEPT UNDER LOCK AND KEY.

DESIGN/PROJECT CONSULTANT:
API ARCHITECTS INC.
307 CHERRY STREET, SUITE 100
COLUMBIA, SC 29205-3838
PH: 803.733.8888

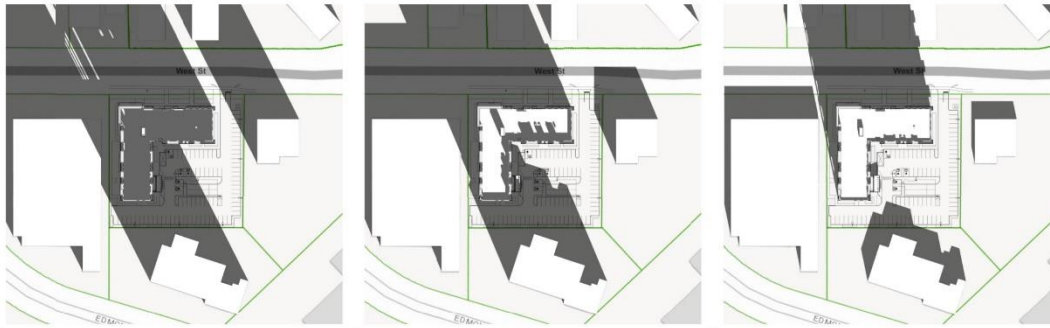
ARCHITECT:
SAI SAPIUS ARCHITECTS
1001 CHERRY STREET, SUITE 200
COLUMBIA, SC 29205-3838
PH: 803.733.8888

CLIENT:
WEST ST. RETIREMENT HOME
611 WEST STREET
COLUMBIA, SC

PROJECT LOCATION:
WEST ST. RETIREMENT HOME
611 WEST STREET
COLUMBIA, SC

DATE:
2015.09.21
DRAWN BY:
S.M.
CHECKED BY:
S.M.
SCALE:
1" = 32'-0"

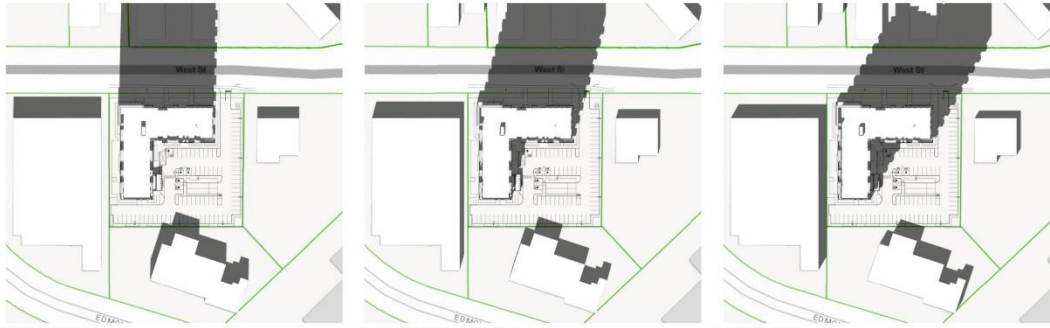
A604
S.M.
S.M.
S.M.



1 DEC 21 AM 819
1" = 80'0"

2 DEC 21 AM 919
1" = 80'0"

3 DEC 21 AM 1019
1" = 80'0"



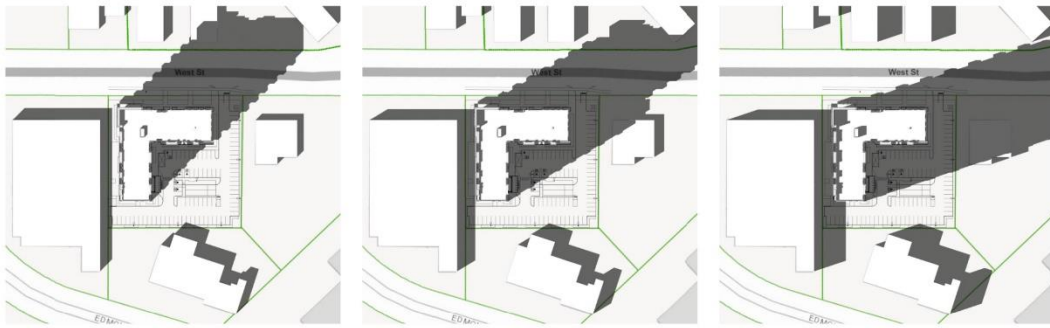
4 DEC 21 AM 1119
1" = 80'0"

5 DEC 21 PM 1219 (SOLAR NOON)
1" = 80'0"

6 DEC 21 PM 119
1" = 80'0"

NOT ISSUED FOR CONSTRUCTION

No.	By	Description	Date
ISSUANCE SCHEDULE			
DO NOT SCALE DRAWING. USE ONLY PROVISIONS AND NOTES FOR INTERPRETATION. VERIFY DIMENSIONS AND DETAILS ON ALL SHEETS. DIMENSIONS SHALL TAKE PRECEDENCE OVER ANY OTHER INFORMATION ON DRAWINGS.			
DEVELOPER/CONSULTANT			
ADDRESS			
OWNER			
PROJECT		WEST ST. RETIREMENT HOME	
SHEET TITLE		SHADOW STUDY - WINTER	
BY		A605	



7 DEC 21 PM 219
1" = 80'0"

8 DEC 21 PM 319
1" = 80'0"

9 DEC 21 PM 419
1" = 80'0"

NOT ISSUED FOR CONSTRUCTION

No.	By	Description	Date
ISSUANCE SCHEDULE			
DO NOT SCALE DRAWING. USE ONLY PROVISIONS AND NOTES FOR INTERPRETATION. VERIFY DIMENSIONS AND DETAILS ON ALL SHEETS. DIMENSIONS SHALL TAKE PRECEDENCE OVER ANY OTHER INFORMATION ON DRAWINGS.			
DEVELOPER/CONSULTANT			
ADDRESS			
OWNER			
PROJECT		WEST ST. RETIREMENT HOME	
SHEET TITLE		SHADOW STUDY - WINTER	
BY		A606	